INTERSECTION TABLES—PUBLICATION 65-1, PART 50, ALASKA, ZONES 2-9

U.S. DEPARTMENT OF COMMERCE

COAST AND GEODETIC SURVEY

PLANE COORDINATE INTERSECTION TABLES

(2½-MINUTE)

ALASKA

Zones 2–9

Reprinted 1981

PUBLICATION 65–1, PART 50

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ARCTIC OCEAN
SIBERIA
BROOKS RANGE
SEWARD PENINSULA
BERING SEA
GULF OF ALASKA
ALEUTIAN ISLANDS
PACIFIC OCEAN
ZONE 1
ZONE 2
ZONE 3
ZONE 4
ZONE 5
ZONE 6
ZONE 7
ZONE 8
ZONE 9
ZONE 10
ALASKA

Figure 1.

INTRODUCTION

For the purpose of establishing a state plane coordinate system, Alaska is divided into 10 zones as shown in Figure 1. The coordinate system in each zone is based on a map projection which is determined by the orientation of the zone relative to the earth's meridian. It is impossible to reproduce exactly in a plane any portion of the earth's curved surface, but any curve on this surface can be mapped in its true length. A narrow strip on either side of this curve will be sufficiently undistorted to serve as a map on which distances can be measured to satisfy the demands of surveying accuracy without resorting to scale corrections.

In Zone 1 the curve in question is the geodetic line passing through an arbitrary central point of the area and roughly bisecting the strip. The resulting projection is an oblique Mercator projection of the spheroid, the basic formulas for which were originally developed by Brigadier M. Hotine, a British geodesist.

In Zone 10 the center line is a parallel of the spheroid near the center of the zone, and the resulting projection is the well-known Lambert conformal.

Zones 2-9 all have the same set of plane coordinates based on the transverse Mercator projection in which the strips extend to both sides of a central meridian.

The transverse Mercator is a "universal" projection in that the same set of coordinates can be used for any narrow strip following any arbitrary meridian, designated the central meridian. The central meridians for Zones 2-9 are listed on page xi.

In each of Zones 1-9 the central axis, instead of being mapped true to scale, has been reduced by 1 part in 10,000 in order to reduce the maximum error in any portion of the zone, when scale factors are not used, to approximately 1 in 10,000.

In order to reduce the bulk of these tables to a workable minimum, the plane coordinates are tabulated at 2½-minute intervals of latitude, and longitude *with respect to the central meridian* of the zone in question. It is therefore necessary in every case to determine, first of all, this "longitude" by finding the numerical difference between the geodetic longitude of the given point and the longitude of the central meridian (C.M.). This difference, designated in the following by $\Delta\lambda$, is the quantity which, together with the latitude ϕ, is used to enter the tables.

$$\Delta\lambda = \text{geodetic longitude of C.M.} - \text{geodetic longitude of point} \tag{1}$$

This difference will be + or – depending on whether the point is east or west of the C.M. For the purpose of entering these tables, however, the quantities $\Delta\lambda$ and x' should be thought of as *positive quantities*. After the quantity x' has been extracted from the table, the plane coordinate x is found from the formula

$$\begin{aligned} x &= \text{constant} + x' \quad \text{for points east of the C.M.} \\ x &= \text{constant} - x' \quad \text{for points west of the C.M.} \end{aligned} \tag{2}$$

The constant to be used in equation (2) for the various zones is listed on page xi. The coordinate y is taken directly from the table.

Interpolation

Since the plane coordinates, x and y, of a point are each functions of two variables, ϕ and $\Delta\lambda$, it is necessary to interpolate for both arguments simultaneously. The following suggested formulas use the four 2½′ values of x' and y surrounding the given point and will yield the required coordinates to within the second-difference corrections given on each page.

Suppose the point P with given ϕ and $\Delta\lambda$, whose coordinates x and y are to be computed, to be contained in the 2½′ "square" with corners P_1, P_2, P_3, P_4. The corresponding x' values of these 4 points, x_1', x_2', x_3', x_4', appear in the same relative position on the page listing the x' as they do in Figure 2. This means that the point with the lowest ϕ and $\Delta\lambda$ is in the upper left hand corner and is designated Point 1, etc. Let the latitude and delta longitude of P_1 be ϕ_1 and $\Delta\lambda_1$. Then

$$\begin{aligned} h &= \phi - \phi_1, \text{ in seconds} \\ k &= \Delta\lambda - \Delta\lambda_1, \text{ in seconds.} \end{aligned} \tag{3}$$

The distances, in seconds, of the point P from the edges of the "square" $P_1P_2P_3P_4$ will be as indicated in the figure, and divide the square into four

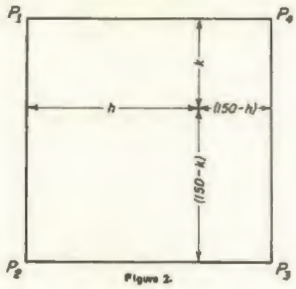

Figure 2.

rectangles. The "areas" of these rectangles hk, $h(150-k)$, etc., are used as weights in determining the plane coordinates of the required point according to the following formula:

$$x' = \frac{(150-h)(150-k)x_1' + k(150-h)x_2' + hkx_3' + h(150-k)x_4'}{22500}. \qquad (4)$$

The coordinate y is obtained in similar manner using y_1, y_2, y_3, y_4

$$y = \frac{(150-h)(150-k)y_1 + k(150-h)y_2' + hky_3 + h(150-k)y_4}{22500} \qquad (5)$$

To the values obtained in (4) and (5) should be added (if +), or subtracted (if −), the second-difference corrections listed on the page from which the 2½′ values are taken. Finally x' is converted to x in accordance with (2).

The interpolation formulas (4) and (5) can be easily memorized by observing that each of the 4 coordinates is multiplied, or weighted, by the area of the diagonally opposite rectangle, the sum of the 4 products being divided by the sum of the weights, which is always the area of the 150 x 150 square = 22500.

Example:

Converting geodetic position to plane coordinates

Given G.P.: $\phi = 60°53'28''.7654$,
$\lambda = 152°28'56''.1345$ (Zone 5)

C.M.: 154°00′00″

$$\Delta\lambda = 154°00'00'' - 152°28'56''.1345 = 1°31'03''.8655$$

Hence the given point lies between $\Delta\lambda = 1°30'00''$ and $\Delta\lambda = 1°32'30''$, and between $\phi = 60°52'30''$ and $\phi = 60°55'00''$. The four corresponding x' values and y values from the tables are:

$x_1' = 267\ 289.87$	$x_4' = 266\ 941.45$
$x_2' = 274\ 713.66$	$x_3' = 274\ 355.56$
$y_1 = 2514\ 811.38$	$y_4 = 2530\ 039.72$
$y_2 = 2514\ 983.56$	$y_3 = 2530\ 211.74$

the relative positions of the four points in the table being according to Figure 2:

P_1	P_4
P_2	P_3

$$k = \Delta\lambda - \Delta\lambda_1 = 1°31'03''.8655 - 1°30'00'' = 63''.8655$$

$$h = \phi - \phi_1 = 60°53'28''.7654 - 60°52'30'' = 58''.7654$$

$150-k =$	86″.1345
$150-h =$	91″.2346
Sum	300″.0000

$(150-h)(150-k) =$	7858.45
$k(150-h) =$	5826.74
$hk =$	3753.08
$h(150-k) =$	5061.73
Sum	22500.00

These are the coefficients, or weights, used in equations (4) and (5). Their sum should equal 22500, the denominator of the equations.

$$x = \frac{1}{22500}\left\{\begin{array}{l}(7858.45)(267\ 289.87) + \\ (5826.74)(274\ 713.66) + \\ (3753.08)(274\ 355.56) + \\ (5061.73)(266\ 941.45)\end{array}\right\}$$

$$= 270\ 312.58.$$

If the 4 coordinates being weighted all begin with the same figure or group of figures (e.g., 2 in the above equation), these may be omitted from the interpolation and added to the final result. Thus, equivalently,

$$x' = \frac{1}{22500}\left\{\begin{array}{l}(7858.45)(67289.87) + \\ (5826.74)(74713.66) + \\ (3753.08)(74355.56) + \\ (5061.73)(66941.45)\end{array}\right\} + 200{,}000.00$$

$$= 270\ 312.58.$$

The second-difference correction from the table is +0.03, hence $x' = 270\,312.61$. The point being east of the C.M.,

$$x = 500\,000 + 270\,312.61$$

$$= 770\,312.61.$$

Similarly, from equation (5), using the contracted method mentioned above,

$$y = \frac{1}{22500}\left\{\begin{matrix}(7858.45)(14811.38) + \\ (5826.74)(14983.56) + \\ (3753.08)(30211.74) + \\ (5061.73)(30039.72)\end{matrix}\right\} + 2500\,000.00$$

$$= 2\,520\,850.66.$$

With the second-difference correction of −0.59, corresponding to $k = 64''$,

$$y = 2\,520\,850.07.$$

Converting plane coordinates to geodetic positions

The formulas required for this computation are obtained by inverting equations (4) and (5), i.e., solving them for k and h explicitly. The resulting equations are

$$\frac{k}{150} = \frac{(x'-x_1') + \frac{h}{150}(x_1'-x_4')}{(x_2'-x_1') + \frac{h}{150}(x_1'-x_2'+x_3'-x_4')} \tag{6}$$

$$\frac{h}{150} = \frac{(y-y_1) + \frac{k}{150}(y_1-y_2)}{(y_4-y_1) + \frac{k}{150}(y_1-y_2+y_3-y_4)} \tag{7}$$

It is convenient for computational purposes to make the substitution

$$K = \frac{k}{150},\ H = \frac{h}{150}\ . \tag{8}$$

This makes K and H positive proper fractions, and equations (6) and (7) become respectively

$$K = \frac{(x'-x_1') + (x_1'-x_4')H}{(x_2'-x_1') + (x_1'-x_2'+x_3'-x_4')H} = \frac{a_1+b_1 H}{c_1+d_1 H} \tag{9}$$

$$H = \frac{(y-y_1) + (y_1-y_2)K}{(y_4-y_1) + (y_1-y_2+y_3-y_4)K} = \frac{a_2+b_2 K}{c_2+d_2 K} \tag{10}$$

on setting

$$\begin{aligned} a_1 &= x'-x_1' & a_2 &= y-y_1 \\ b_1 &= x_1'-x_4' & b_2 &= y_1-y_2 \\ c_1 &= x_2'-x_1' & c_2 &= y_4-y_1 \\ d_1 &= x_1'-x_2'+x_3'-x_4' & d_2 &= y_1-y_2+y_3-y_4\ . \end{aligned} \tag{11}$$

On eliminating H between equations (9) and (10) we obtain the quadratic equation

$$(c_1d_2+b_2d_1)K^2 + (c_1c_2+a_2d_1-a_1d_2-b_1b_2)K = a_1c_2+a_2b_1 \tag{12}$$

the solution of which gives K. Since the coefficient of K^2 is small relative to the other two terms, the equation is most conveniently solved without extracting roots, by the formula

$$K = \frac{C}{B} - \left(\frac{A}{B}\right)\left(\frac{C}{B}\right)^2 \tag{13}$$

where A, B, C are the coefficients of the terms in (12):

$$\begin{aligned} A &= c_1d_2 + b_2d_1 \\ B &= c_1c_2 + a_2d_1 - a_1d_2 - b_1b_2 \\ C &= a_1c_2 + a_2b_1 \end{aligned} \tag{14}$$

The three fractions $\frac{C}{B}$, $\frac{A}{B}$, $\left(\frac{C}{B}\right)^2$ used in (13) are each computed to 7 decimal places if latitude and longitude are required to 0″.0001.

Procedure for obtaining latitude and longitude from given plane coordinates x and y

1. Convert x to x', using equation (2).

2. Find in the table the 4 adjacent values of x' and y which surround the given x' and the given y. These 4 values must be on facing pages in the table and in the same relative position on the page. Designate these 4 values of x' and y in accordance with Figure 2.

3. If there are second-difference corrections corresponding to h and/or k on the two pages in question, compute h and k to the nearest second from the approximation formulas

$$k = 150\,\frac{x'-x_1'}{x_2'-x_1'}$$

$$h = 150\,\frac{y-y_1}{y_4-y_1}\,. \qquad (15)$$

4. Enter the correction tables with these values of h and/or k, reverse the sign of the correction and apply to x' and y. These adjusted values of x' and y are the ones used in the subsequent computations.

5. Compute the quantities in (11) and with these A, B, and C in (14).

6. Compute $\frac{C}{B}$, $\left(\frac{C}{B}\right)^2$ and $\frac{A}{B}$ to 7 decimals and solve for K in (13).

7. Using (8), (3), and (1) obtain successively k, $\Delta\lambda$ and the geodetic longitude.

8. Substitute K in (10) to obtain H to 7 decimals. Then use (8) and (3) to get ϕ.

As an alternative to the above method, equations (9) and (10) can be set up and solved by successive approximations, to which process these equations are particularly well adapted. Start with any value of H, say $H = 0$, and substitute it in equation (9) and solve for K, calling this value K_1. Substitute K_1 for K in (10), solve for H and call it H_1. With H_1 in equation (9) solve for K_2, etc. Two or three repetitions of this process will give correct values for H and K. The process terminates when a result equals the previous approximation. An important advantage of such a method is that computational errors do not affect the final result.

Example:

Converting plane coordinates to geodetic positions

Given: Plane coordinates x = 770 312.61, y = 2520 850.07 in Zone 5

$$x' = x - 500\,000 = 270\,312.61.$$

A search in the table shows that the given x' and y are both contained in the square bounded by ϕ = 60°52′30″ and 60°55′00″, $\Delta\lambda$ = 1°30′00″ and 1°32′30″. The upper left hand value on the square is again designated, in accordance with our convention, point 1, etc. Hence

$$x_1' = 267\,289.87 \qquad x_4' = 266\,941.45$$
$$x_2' = 274\,713.66 \qquad x_3' = 274\,355.56$$

$$y_1 = 2514\,811.38 \qquad y_4 = 2530\,039.72$$
$$y_2 = 2514\,983.56 \qquad y_3 = 2530\,211.74$$

and therefore

$$x_1'-x_4' = b_1 = 348.42$$
$$x_2'-x_1' = c_1 = 7423.79$$
$$x_1'-x_2'+x_3'-x_4' = d_1 = -9.68$$

$$y_1-y_2 = b_2 = -172.18$$
$$y_4-y_1 = c_2 = 15228.34$$
$$y_1-y_2+y_3-y_4 = d_2 = -0.16$$

$$h = 150\,\frac{y-y_1}{y_4-y_1} = \frac{150 \times 6039}{15228} = 60'' \text{ approx.}$$

The corresponding second-difference correction for x', with opposite sign is –0.03. Hence x' = 270 312.61 – .03 = 270 312.58, and

$$x'-x_1' = a_1 = 3022.71.$$

With h = 60, use equation (6) to solve for k

$$\frac{k}{150} = \frac{3023 + \frac{60}{150}(348)}{7424 + \frac{60}{150}(-10)} = \frac{3023 + 139}{7424 - 4} = \frac{3162}{7420}$$

$$k = 64'' \text{ approx.}$$

The corresponding second-difference correction for y, with opposite sign, is +0.59. Hence y = 2520 850.07 + .59 = 2520 850.66, and

$$y-y_1 = a_2 = 6039.28.$$

This completes the computation of the quantities a_1, b_1, c_1, d_1, a_2, b_2, c_2, d_2 which are needed to compute exact values of k and h by either method.

First method

$$\left.\begin{array}{lll} A & = c_1d_2 + b_2d_1 & = 479 \\ B & = c_1c_2 + a_2d_1 - a_1d_2 - b_1b_2 & = 113{,}054{,}013 \\ C & = a_1c_2 + a_2b_1 & = 48{,}135{,}062 \end{array}\right\}\text{drop all decimals}$$

$$\left.\begin{array}{ll} \frac{C}{B} & = 0.425\,7705 \\ \left(\frac{C}{B}\right)^2 & = 0.181\,2805 \\ \frac{A}{B} & = 0.0000042 \\ \left(\frac{C}{B}\right)^2\frac{A}{B} & = 0.0000008 \end{array}\right\}\text{Compute to 7 decimal places}$$

$$K = \frac{C}{B} - \frac{A}{B}\left(\frac{C}{B}\right)^2 = 0.4257705 - 0.0000008 = 0.4257697$$

$$H = \frac{a_2 + b_2 K}{c_2 + d_2 K} = \frac{6039.28 + (-172.18)(0.4257697)}{15228.34 + (-0.16)(0.4257697)}$$

$$= \frac{5965.97}{15228.27} = .3917694$$

$$k = 150\,K = 63''.8655$$

$$\Delta\lambda = \Delta\lambda_1 + k = 1°30'00'' + 63''.8655 = 1°31'03''.8655$$

$$\lambda = 154°00'00'' - 1°31'03''.8655 = 152°28'56''.1345$$

$$h = 150\,H = 58''.7654$$

$$\phi = \phi_1 + h = 60°52'30'' + 58''.7654$$
$$= 60°53'28''.7654$$

Second method

Set up equations (9) and (10)

$$H = \frac{a_2 + b_2 K}{c_2 + d_2 K} = \frac{6039.28 - 172.18\,K}{15228.34 - .16\,K}$$

$$K = \frac{a_1 + b_1 H}{c_1 + d_1 H} = \frac{3022.71 + 348.42\,H}{7423.79 - 9.68\,H} .$$

As a first approximation we can use the value $h = 60$, used previously to remove the second-difference correction. Hence

$$H = \frac{h}{150} = .40000 \text{ to 5 decimals.}$$

Substitute in the second equation

$$K = \frac{3022.71 + (348.42)(.40000)}{7423.79 - (9.68)(.40000)} = \frac{3162.08}{7419.92} = .426161.$$

With this value of K in the first equation

$$H = \frac{6039.28 - (172.18)(.42616)}{15228.34 - (.16)(.42616)} = \frac{5965.90}{15228.27}$$

$$= .391765 .$$

Repeating,

$$K = \frac{3022.71 + (348.42)(.39176)}{7423.79 - (9.68)(.39176)} = \frac{3159.21}{7420.00} = .425770$$

$$H = \frac{6039.28 - (172.18)(.42577)}{15228.34 - (.16)(.42577)} = \frac{5965.97}{15228.27}$$

$$= .391769$$

$$K = \frac{3022.71 + (348.42)(.39177)}{7423.79 - (9.68)(.39177)} = \frac{3159.21}{7420.00} = .425770$$

which equals the previous approximation. Hence

$$h = 150\,H = 58''.7654$$

$$k = 150\,K = 63''.8655 .$$

Scale Factors

Scale factors indicate the amount of length distortion of short lines in various portions of the map (i.e., the "plane").

(Geodetic length) x (Scale factor) = Grid length

In the transverse Mercator projection these scale factors are almost exclusively a function of x' and are tabulated on page x for values of x', assuming a constant of $y = 3\ 000\ 000$. For other values of y a small adjustment can be made from the correction table on the same page.

For long lines a mean value of the scale factor over the whole line is needed. The scale factor for the midpoint of the line is determined as in the above paragraph. To this is added the correction on page xi.

Azimuth Corrections

To convert from grid azimuth to geodetic, or vice versa, use the relation

$$\text{geodetic azimuth} = \text{grid azimuth} + \Delta\alpha + \frac{(y_2 - y_1)(x_2' + 2x_1')}{1.276 \times 10^{10}} \qquad (16)$$

In making these corrections, the algebraic sign of the quantities $\Delta\lambda$, x_1', and x_2' must be taken into consideration.

$\Delta\alpha$ in (16) consists of the principal term $\Delta\lambda \sin\phi$, in seconds, where $\Delta\lambda$ = Longitude of C.M. – Longi-

tude of station. To this may be added the second-order correction, g, listed on page ix. This latter correction has the same sign as $\Delta\lambda \sin \phi$.

The term $\frac{(y_2 - y_1)(x_2' + 2x_1')}{1.276 \times 10^{10}}$ in (16) is the so-called arc to chord, or $T-t$, correction (in seconds of arc), and is used in determining the azimuth of long lines. The subscripts 1 and 2 refer, respectively, to the initial (station) point of the line and the terminal (sighted) point of the line. The x' values from the tables must be given the same sign as the corresponding $\Delta\lambda$.

Basic Formulas

By means of the above-described interpolation formulas and the indicated tabulations, it is possible with this present volume to make all plane coordinate computations in Zones 2-9 that the engineer will need in the field. The basic formulas for the transverse Mercator projection of the Clarke 1866 spheroid, and their development, can be found, for example, in USC&GS Special Publication No. 251, Conformal Projections in Geodesy and Cartography.

Table for g

ϕ	$\Delta\lambda''$										
	0″	1000″	2000″	3000″	4000″	5000″	6000″	7000″	8000″	9000″	10000″
54°	0″	0″.00	0″.02	0″.06	0″.14	0″.28	0″.48	0″.76	1″.13	1″.61	2″.21
55	0	0	.02	.06	.14	.27	.46	.73	1.09	1.55	2.13
56	0	0	.02	.06	.13	.26	.44	.70	1.05	1.49	2.04
57	0	0	.02	.05	.13	.25	.42	.67	1.00	1.43	1.96
58	0	0	.02	.05	.12	.23	.41	.64	.96	1.37	1.88
59	0	0	.01	.05	.11	.22	.39	.61	.92	1.31	1.79
60	0	0	.01	.05	.11	.21	.37	.58	.87	1.24	1.70
61	0	0	.01	.04	.10	.20	.35	.55	.83	1.18	1.62
62	0	0	.01	.04	.10	.19	.33	.53	.78	1.12	1.53
63	0	0	.01	.04	.09	.18	.31	.50	.74	1.05	1.44
64	0	0	.01	.04	.09	.17	.29	.47	.70	.99	1.36
65	0	0	.01	.03	.08	.16	.27	.44	.65	.93	1.27
66	0	0	.01	.03	.08	.15	.26	.41	.61	.87	1.19
67	0	0	.01	.03	.07	.14	.24	.38	.57	.80	1.10
68	0	0	.01	.03	.07	.13	.22	.35	.52	.75	1.02
69	0	0	.01	.03	.06	.12	.20	.32	.48	.69	.94
70	0	0	.01	.02	.06	.11	.19	.30	.44	.63	.86
71	0	0	.01	.02	.05	.10	.17	.27	.40	.57	.79

$\Delta\alpha'' = (\Delta\lambda'')\sin\phi + g$.

In this equation, g increases the absolute value of $(\Delta\lambda'')\sin\phi$, that is, g has the same sign as $(\Delta\lambda'')\sin\phi$.

Scale Factors

x′ (feet)	Scale Factor	x′ (feet)	Scale Factor	x′ (feet)	Scale Factor
0	.9999000	250,000	.9999711	500,000	1.0001844
10,000	9001	260,000	9769	510,000	1959
20,000	9005	270,000	9829	520,000	2076
30,000	9010	280,000	9892	530,000	2196
40,000	9018	290,000	.9999957	540,000	2317
50,000	.9999028	300,000	1.0000024	550,000	1.0002441
60,000	9041	310,000	0093	560,000	2568
70,000	9056	320,000	0165	570,000	2696
80,000	9073	330,000	0239	580,000	2827
90,000	9092	340,000	0315	590,000	2960
100,000	.9999114	350,000	1.0000394	600,000	1.0003096
110,000	9138	360,000	0474	610,000	3233
120,000	9164	370,000	0557	620,000	3373
130,000	9192	380,000	0643	630,000	3515
140,000	9223	390,000	0730	640,000	3660
150,000	.9999256	400,000	1.0000820	650,000	1.0003807
160,000	9291	410,000	0912	660,000	3956
170,000	9329	420,000	1007	670,000	4107
180,000	9369	430,000	1103	680,000	4261
190,000	9411	440,000	1202	690,000	4417
200,000	.9999455	450,000	1.0001304	700,000	1.0004575
210,000	9502	460,000	1407		
220,000	9551	470,000	1513		
230,000	9602	480,000	1621		
240,000	9655	490,000	1731		
250,000	.9999711	500,000	1.0001844		

Correction to Scale Factor (7th Decimal Place)

y \ x′	0	100,000	200,000	300,000	400,000	500,000	600,000	700,000
7,000,000	0	0	−1	−2	−3	−5	−8	−10
6,000,000	0	0	−1	−2	−2	−4	−6	− 8
5,000,000	0	0	0	−1	−2	−3	−4	− 6
4,000,000	0	0	0	−1	−1	−1	−3	− 3
3,000,000	0	0	0	0	0	0	0	0
2,000,000	0	0	0	0	+1	+2	+2	+ 3
1,000,000	0	0	+1	+1	+2	+3	+4	+ 6
0	0	0	+1	+2	+3	+5	+7	+ 9

Scale-Factor Correction for a Line

The scale factor interpolated for the mean x' of the ends of a line and corrected by the following table will give a mean scale factor for the line correct to about one in the seventh decimal place.

Δx (feet)	Correction (plus) (units of 7th decimal place)	Δx (feet)	Correction (plus) (units of 7th decimal place)
10,000	0	210,000	42
20,000	0	220,000	46
30,000	1	230,000	50
40,000	2	240,000	55
50,000	2	250,000	59
60,000	3	260,000	64
70,000	5	270,000	69
80,000	6	280,000	74
90,000	8	290,000	80
100,000	10	300,000	86
110,000	11	310,000	91
120,000	14	320,000	97
130,000	16	330,000	103
140,000	19	340,000	110
150,000	21	350,000	116
160,000	24		
170,000	27		
180,000	31		
190,000	34		
200,000	38		

Definition of Zones 2-9

Zone	Central Meridian Longitude	Constant (feet)
2	142° W	500 000.00
3	146°	500 000.00
4	150°	500 000.00
5	154°	500 000.00
6	158°	500 000.00
7	162°	700 000.00
8	166°	500 000.00
9	170°	600 000.00

The above quantities are needed to determine $\Delta\lambda$ and x in equations (1) and (2).

PLANE COORDINATE INTERSECTION TABLES

ALASKA, ZONES 2–9

ALASKA – ZONES 2 TO 9
STATE PLANE COORDINATES IN FEET – X'

Δλ \ φ	54 00 00	54 02 30	54 05 00	54 07 30	54 10 00
0 00 00	0.00	0.00	0.00	0.00	0.00
0 02 30	8 963.72	8 954.77	8 945.81	8 936.85	8 927.88
0 05 00	17 927.43	17 909.53	17 891.61	17 873.68	17 855.75
0 07 30	26 891.15	26 864.29	26 837.42	26 810.53	26 783.62
0 10 00	35 854.86	35 819.05	35 783.21	35 747.36	35 711.49
0 12 30	44 818.57	44 773.80	44 729.01	44 684.19	44 639.36
0 15 00	53 782.26	53 728.54	53 674.79	53 621.01	53 567.21
0 17 30	62 745.95	62 683.28	62 620.57	62 557.83	62 495.05
0 20 00	71 709.63	71 638.00	71 566.34	71 494.63	71 422.89
0 22 30	80 673.30	80 592.72	80 512.09	80 431.42	80 350.71
0 25 00	89 636.95	89 547.42	89 457.83	89 368.20	89 278.52
0 27 30	98 600.59	98 502.10	98 403.56	98 304.96	98 206.32
0 30 00	107 564.21	107 456.77	107 349.27	107 241.71	107 134.10
0 32 30	116 527.81	116 411.42	116 294.96	116 178.44	116 061.86
0 35 00	125 491.40	125 366.05	125 240.64	125 115.15	124 989.60
0 37 30	134 454.97	134 320.66	134 186.29	134 051.84	133 917.32
0 40 00	143 418.51	143 275.25	143 131.92	142 988.51	142 845.02
0 42 30	152 382.03	152 229.82	152 077.52	151 925.15	151 772.70
0 45 00	161 345.53	161 184.36	161 023.11	160 861.77	160 700.34
0 47 30	170 309.00	170 138.87	169 968.66	169 798.36	169 627.97
0 50 00	179 272.44	179 093.36	178 914.19	178 734.92	178 555.56
0 52 30	188 235.85	188 047.82	187 859.69	187 671.46	187 483.13
0 55 00	197 199.23	197 002.25	196 805.15	196 607.96	196 410.66
0 57 30	206 162.58	205 956.64	205 750.59	205 544.43	205 338.17
1 00 00	215 125.90	214 911.00	214 695.99	214 480.87	214 265.63
1 02 30	224 089.17	223 865.33	223 641.36	223 417.27	223 193.06
1 05 00	233 052.42	232 819.62	232 586.69	232 353.64	232 120.46
1 07 30	242 015.62	241 773.87	241 531.98	241 289.96	241 047.82
1 10 00	250 978.79	250 728.08	250 477.23	250 226.25	249 975.13
1 12 30	259 941.92	259 682.25	259 422.44	259 162.49	258 902.41
1 15 00	268 905.00	268 636.38	268 367.61	268 098.70	267 829.64
1 17 30	277 868.04	277 590.46	277 312.73	277 034.85	276 756.83
1 20 00	286 831.03	286 544.50	286 257.81	285 970.96	285 683.97
1 22 30	295 793.98	295 498.49	295 202.83	294 907.03	294 611.06
1 25 00	304 756.88	304 452.43	304 147.82	303 843.04	303 538.11
1 27 30	313 719.73	313 406.33	313 092.75	312 779.01	312 465.11
1 30 00	322 682.53	322 360.17	322 037.63	321 714.92	321 392.05
1 32 30	331 645.27	331 313.96	330 982.46	330 650.79	330 318.94
1 35 00	340 607.96	340 267.69	339 927.23	339 586.59	339 245.77
1 37 30	349 570.60	349 221.37	348 871.95	348 522.34	348 172.55
1 40 00	358 533.18	358 174.99	357 816.60	357 458.03	357 099.27
1 42 30	367 495.70	367 128.55	366 761.21	366 393.66	366 025.93
1 45 00	376 458.16	376 082.05	375 705.74	375 329.24	374 952.53
1 47 30	385 420.56	385 035.49	384 650.22	384 264.75	383 879.07
1 50 00	394 382.90	393 988.87	393 594.64	393 200.19	392 805.55
1 52 30	403 345.16	402 942.18	402 538.98	402 135.57	401 731.95
1 55 00	412 307.37	411 895.43	411 483.27	411 070.89	410 658.29
1 57 30	421 269.51	420 848.61	420 427.49	420 006.14	419 584.57
2 00 00	430 231.58	429 801.72	429 371.63	428 941.31	428 510.77
2 02 30	439 193.57	438 754.76	438 315.70	437 876.42	437 436.91
2 05 00	448 155.50	447 707.73	447 259.71	446 811.46	446 362.97
2 07 30	457 117.36	456 660.62	456 203.64	455 746.41	455 288.95
2 10 00	466 079.14	465 613.44	465 147.50	464 681.30	464 214.86
2 12 30	475 040.84	474 566.18	474 091.27	473 616.11	473 140.69
2 15 00	484 002.47	483 518.85	483 034.97	482 550.84	482 066.45
2 17 30	492 964.01	492 471.43	491 978.59	491 485.49	490 992.12
2 20 00	501 925.48	501 423.94	500 922.13	500 420.06	499 917.71
2 22 30	510 886.86	510 376.36	509 865.58	509 354.54	508 843.22
2 25 00	519 848.16	519 328.70	518 808.96	518 288.94	517 768.65
2 27 30	528 809.38	528 280.95	527 752.24	527 223.25	526 693.99
2 30 00	537 770.51	537 233.12	536 695.45	536 157.48	535 619.24
2 32 30	546 731.55	546 185.20	545 638.55	545 091.62	544 544.40
2 35 00	555 692.50	555 137.19	554 581.57	554 025.67	553 469.47
2 37 30	564 653.36	564 089.09	563 524.50	562 959.62	562 394.45
2 40 00	573 614.13	573 040.89	572 467.34	571 893.49	571 319.33
2 42 30	582 574.80	581 992.60	581 410.08	580 827.25	580 244.12
2 45 00	591 535.39	590 944.22	590 352.73	589 760.93	589 168.82
2 47 30	600 495.87	599 895.73	599 295.28	598 694.50	598 093.41
2 50 00	609 456.25	608 847.15	608 237.73	607 627.98	607 017.91
2 52 30	618 416.53	617 798.47	617 180.08	616 561.35	615 942.30
2 55 00	627 376.72	626 749.69	626 122.32	625 494.62	624 866.59
2 57 30	636 336.80	635 700.80	635 064.46	634 427.79	633 790.78
3 00 00	645 296.77	644 651.81	644 006.50	643 360.85	642 714.86

Second-difference correction to x' for indicated values of h and Δλ

Δλ \ h	0" 150"	15" 135"	30" 120"	45" 105"	60" 90"	75" 75"
0°	0	0	0	0	0	0
1°	0	+.01	+.01	+.02	+.02	+.02
2°	+.01	+.02	+.03	+.03	+.03	+.04
3°	+.01	+.03	+.04	+.05	+.05	+.05

Correction for k is negligible

ALASKA – ZONES 2 TO 9
STATE PLANE COORDINATES IN FEET – Y

Δλ \ φ	54 00 00	54 02 30	54 05 00	54 07 30	54 10 00
0 00 00	0.00	15 214.22	30 428.55	45 642.99	60 857.53
0 02 30	2.64	15 216.86	30 431.19	45 645.63	60 860.16
0 05 00	10.55	15 224.76	30 439.09	45 653.52	60 868.06
0 07 30	23.73	15 237.94	30 452.27	45 666.69	60 881.22
0 10 00	42.19	15 256.39	30 470.70	45 685.12	60 899.64
0 12 30	65.93	15 280.11	30 494.41	45 708.82	60 923.33
0 15 00	94.93	15 309.10	30 523.39	45 737.78	60 952.28
0 17 30	129.21	15 343.36	30 557.64	45 772.01	60 986.49
0 20 00	168.76	15 382.90	30 597.15	45 811.51	61 025.97
0 22 30	213.59	15 427.71	30 641.94	45 856.27	61 070.71
0 25 00	263.69	15 477.78	30 691.99	45 906.30	61 120.71
0 27 30	319.06	15 533.13	30 747.31	45 961.60	61 175.99
0 30 00	379.71	15 593.75	30 807.90	46 022.16	61 236.52
0 32 30	445.63	15 659.64	30 873.76	46 087.99	61 302.32
0 35 00	516.83	15 730.80	30 944.89	46 159.08	61 373.37
0 37 30	593.30	15 807.24	31 021.29	46 235.44	61 449.70
0 40 00	675.04	15 888.94	31 102.95	46 317.07	61 531.29
0 42 30	762.06	15 975.92	31 189.89	46 403.97	61 618.14
0 45 00	854.35	16 068.16	31 282.09	46 496.12	61 710.26
0 47 30	951.91	16 165.69	31 379.57	46 593.55	61 807.64
0 50 00	1 054.76	16 268.47	31 482.31	46 696.25	61 910.28
0 52 30	1 162.87	16 376.54	31 590.32	46 804.21	62 018.19
0 55 00	1 276.26	16 489.88	31 703.60	46 917.44	62 131.37
0 57 30	1 394.92	16 608.48	31 822.15	47 035.93	62 249.80
1 00 00	1 518.86	16 732.36	31 945.98	47 159.69	62 373.50
1 02 30	1 648.07	16 861.51	32 075.06	47 288.72	62 502.47
1 05 00	1 782.56	16 995.93	32 209.42	47 423.01	62 636.70
1 07 30	1 922.32	17 135.63	32 349.05	47 562.58	62 776.20
1 10 00	2 057.35	17 280.60	32 493.95	47 707.41	62 920.96
1 12 30	2 217.67	17 430.84	32 644.12	47 857.51	63 070.99
1 15 00	2 373.25	17 586.35	32 799.56	48 012.87	63 226.27
1 17 30	2 534.11	17 747.13	32 960.27	48 173.50	63 386.83
1 20 00	2 700.25	17 913.19	33 126.25	48 339.40	63 552.65
1 22 30	2 871.66	18 084.52	33 297.50	48 510.57	63 723.74
1 25 00	3 048.35	18 261.13	33 474.02	48 687.00	63 900.09
1 27 30	3 230.31	18 443.00	33 655.81	48 868.71	64 081.70
1 30 00	3 417.55	18 630.15	33 842.87	49 055.68	64 268.59
1 32 30	3 610.06	18 822.57	34 035.20	49 247.92	64 460.73
1 35 00	3 807.85	19 020.27	34 232.80	49 445.43	64 658.14
1 37 30	4 010.91	19 223.24	34 435.67	49 648.20	64 860.82
1 40 00	4 219.25	19 431.48	34 643.82	49 856.25	65 068.77
1 42 30	4 432.87	19 645.00	34 857.23	50 069.56	65 281.98
1 45 00	4 651.76	19 863.79	35 075.91	50 288.14	65 500.46
1 47 30	4 875.93	20 087.85	35 299.87	50 511.99	65 724.20
1 50 00	5 105.37	20 317.19	35 529.10	50 741.11	65 953.21
1 52 30	5 340.10	20 551.80	35 763.60	50 975.50	66 187.48
1 55 00	5 580.09	20 791.68	36 003.37	51 215.15	66 427.03
1 57 30	5 825.37	21 036.84	36 248.42	51 460.08	66 671.84
2 00 00	6 075.92	21 287.27	36 498.73	51 710.28	66 921.91
2 02 30	6 331.76	21 542.99	36 754.32	51 965.74	67 177.26
2 05 00	6 592.86	21 803.97	37 015.18	52 226.48	67 437.87
2 07 30	6 859.24	22 070.23	37 281.31	52 492.48	67 703.74
2 10 00	7 130.91	22 341.76	37 552.71	52 763.76	67 974.89
2 12 30	7 407.85	22 618.57	37 829.39	53 040.30	68 251.30
2 15 00	7 690.06	22 900.65	38 111.34	53 322.12	68 532.98
2 17 30	7 977.56	23 188.01	38 398.56	53 609.21	68 819.93
2 20 00	8 270.33	23 480.65	38 691.06	53 901.56	69 112.15
2 22 30	8 568.39	23 778.56	38 988.83	54 199.19	69 409.63
2 25 00	8 871.72	24 081.75	39 291.87	54 502.09	69 712.39
2 27 30	9 180.33	24 390.21	39 600.19	54 810.26	70 020.41
2 30 00	9 494.22	24 703.95	39 913.78	55 123.70	70 333.70
2 32 30	9 813.38	25 022.97	40 232.65	55 442.42	70 652.26
2 35 00	10 137.83	25 347.26	40 556.79	55 766.40	70 976.09
2 37 30	10 467.56	25 676.84	40 886.20	56 095.66	71 305.19
2 40 00	10 802.56	26 011.68	41 220.89	56 430.19	71 639.56
2 42 30	11 142.85	26 351.80	41 560.86	56 769.98	71 979.20
2 45 00	11 488.42	26 697.21	41 906.09	57 115.06	72 324.10
2 47 30	11 839.26	27 047.89	42 256.61	57 465.41	72 674.28
2 50 00	12 195.39	27 403.85	42 612.40	57 821.02	73 029.73
2 52 30	12 556.80	27 765.08	42 973.46	58 181.92	73 390.45
2 55 00	12 923.48	28 131.60	43 339.80	58 548.08	73 756.44
2 57 30	13 295.45	28 503.39	43 711.42	58 919.52	74 127.70
3 00 00	13 672.70	28 880.46	44 088.31	59 296.23	74 504.23

Second-difference correction to y for indicated value of k (for all Δλ's)

k	0" 150"	5" 145"	10" 140"	15" 135"	20" 130"	25" 125"	30" 120"	35" 115"	40" 110"	45" 105"	50" 100"	55" 95"	60" 90"	65" 85"	70" 80"	75" 75"
Correction	-.01	-.09	-.17	-.25	-.32	-.38	-.43	-.48	-.52	-.56	-.60	-.62	-.64	-.66	-.67	-.67

Correction for h is negligible

ALASKA – ZONES 2 TO 9
STATE PLANE COORDINATES IN FEET – X'

Δλ \ φ	54 10 00	54 12 30	54 15 00	54 17 30	54 20 00
0 00 00	0.00	0.00	0.00	0.00	0.00
0 02 30	8 927.88	8 918.91	8 909.93	8 900.94	8 891.96
0 05 00	17 855.75	17 837.81	17 819.85	17 801.89	17 783.91
0 07 30	26 783.62	26 756.71	26 729.78	26 702.83	26 675.87
0 10 00	35 711.49	35 675.60	35 639.69	35 603.76	35 567.82
0 12 30	44 639.36	44 594.49	44 549.61	44 504.69	44 459.76
0 15 00	53 567.21	53 513.37	53 459.51	53 405.62	53 351.70
0 17 30	62 495.05	62 432.25	62 369.41	62 306.53	62 243.62
0 20 00	71 422.89	71 351.11	71 279.29	71 207.43	71 135.54
0 22 30	80 350.71	80 269.96	80 189.16	80 108.32	80 027.44
0 25 00	89 278.52	89 188.79	89 099.02	89 009.20	88 919.33
0 27 30	98 206.32	98 107.62	98 008.87	97 910.06	97 811.21
0 30 00	107 134.10	107 026.43	106 918.70	106 810.91	106 703.06
0 32 30	116 061.86	115 945.21	115 828.51	115 711.74	115 594.91
0 35 00	124 989.60	124 863.98	124 738.30	124 612.54	124 486.73
0 37 30	133 917.32	133 782.73	133 648.07	133 513.33	133 378.53
0 40 00	142 845.02	142 701.46	142 557.82	142 414.10	142 270.31
0 42 30	151 772.70	151 620.16	151 467.54	151 314.84	151 162.06
0 45 00	160 700.34	160 538.84	160 377.24	160 215.56	160 053.79
0 47 30	169 627.97	169 457.49	169 286.91	169 116.25	168 945.49
0 50 00	178 555.56	178 376.11	178 196.55	178 016.90	177 837.16
0 52 30	187 483.13	187 294.70	187 106.17	186 917.54	186 728.81
0 55 00	196 410.66	196 213.26	196 015.75	195 818.14	195 620.42
0 57 30	205 338.17	205 131.79	204 925.30	204 718.70	204 511.99
1 00 00	214 265.63	214 050.28	213 834.82	213 619.23	213 403.54
1 02 30	223 193.06	222 968.74	222 744.29	222 519.73	222 295.04
1 05 00	232 120.46	231 887.16	231 653.74	231 420.19	231 186.52
1 07 30	241 047.82	240 805.55	240 563.14	240 320.61	240 077.95
1 10 00	249 975.13	249 723.89	249 472.50	249 220.98	248 969.34
1 12 30	258 902.41	258 642.19	258 381.82	258 121.32	257 860.69
1 15 00	267 829.64	267 560.44	267 291.10	267 021.62	266 751.99
1 17 30	276 756.83	276 478.66	276 200.33	275 921.86	275 643.25
1 20 00	285 683.97	285 396.82	285 109.52	284 822.06	284 534.46
1 22 30	294 611.06	294 314.94	294 018.66	293 722.22	293 425.62
1 25 00	303 538.11	303 233.01	302 927.75	302 622.32	302 316.74
1 27 30	312 465.11	312 151.03	311 836.79	311 522.38	311 207.81
1 30 00	321 392.05	321 069.00	320 745.78	320 422.38	320 098.82
1 32 30	330 318.94	329 986.91	329 654.71	329 322.33	328 989.76
1 35 00	339 245.77	338 904.77	338 563.58	338 222.22	337 880.68
1 37 30	348 172.55	347 822.57	347 472.41	347 122.06	346 771.52
1 40 00	357 099.27	356 740.32	356 381.17	356 021.83	355 662.31
1 42 30	366 025.93	365 658.00	365 289.87	364 921.55	364 553.03
1 45 00	374 952.53	374 575.62	374 198.51	373 821.20	373 443.70
1 47 30	383 879.07	383 493.19	383 107.09	382 720.80	382 334.30
1 50 00	392 805.55	392 410.68	392 015.61	391 620.32	391 224.83
1 52 30	401 731.95	401 328.11	400 924.06	400 519.79	400 115.31
1 55 00	410 658.29	410 245.48	409 832.44	409 419.18	409 005.71
1 57 30	419 584.57	419 162.78	418 740.75	418 318.51	417 896.04
2 00 00	428 510.77	428 080.00	427 648.99	427 217.76	426 786.30
2 02 30	437 436.91	436 997.16	436 557.17	436 116.95	435 676.50
2 05 00	446 362.97	445 914.24	445 465.27	445 016.06	444 566.61
2 07 30	455 288.95	454 831.24	454 373.29	453 915.09	453 456.65
2 10 00	464 214.86	463 748.17	463 281.24	462 814.05	462 346.62
2 12 30	473 140.69	472 665.03	472 189.10	471 712.93	471 236.50
2 15 00	482 066.45	481 581.80	481 096.90	480 611.73	480 126.31
2 17 30	490 992.12	490 498.50	490 004.60	489 510.44	489 016.04
2 20 00	499 917.71	499 415.11	498 912.23	498 409.09	497 905.68
2 22 30	508 843.22	508 331.64	507 819.77	507 307.64	506 795.24
2 25 00	517 768.65	517 248.08	516 727.23	516 206.11	515 684.71
2 27 30	526 693.99	526 164.44	525 634.60	525 104.48	524 574.10
2 30 00	535 619.24	535 080.71	534 541.89	534 002.78	533 463.39
2 32 30	544 544.40	543 996.89	543 449.08	542 900.98	542 352.60
2 35 00	553 469.47	552 912.98	552 356.18	551 799.09	551 241.71
2 37 30	562 394.45	561 828.97	561 263.19	560 697.11	560 130.74
2 40 00	571 319.33	570 744.88	570 170.11	569 595.03	569 019.66
2 42 30	580 244.12	579 660.68	579 076.93	578 492.86	577 908.49
2 45 00	589 168.82	588 576.39	587 983.65	587 390.59	586 797.22
2 47 30	598 093.41	597 492.01	596 890.27	596 288.22	595 685.86
2 50 00	607 017.91	606 407.52	605 796.80	605 185.74	604 574.39
2 52 30	615 942.30	615 322.93	614 703.22	614 083.17	613 462.82
2 55 00	624 866.59	624 238.23	623 609.53	622 980.50	622 351.14
2 57 30	633 790.78	633 153.44	632 515.75	631 877.72	631 239.36
3 00 00	642 714.86	642 068.54	641 421.85	640 774.83	640 127.47

Second-difference correction to x' for indicated values of h and Δλ

Δλ \ h	0" 150"	15" 135"	30" 120"	45" 105"	60" 90"	75" 75"
0°	0	0	0	0	0	0
1°	0	+.01	+.01	+.02	+.02	+.02
2°	+.01	+.02	+.03	+.03	+.03	+.04
3°	+.01	+.03	+.04	+.05	+.05	+.05

Correction for k is negligible

ALASKA – ZONES 2 TO 9
STATE PLANE COORDINATES IN FEET – Y

Δλ \ φ	54 10 00	54 12 30	54 15 00	54 17 30	54 20 00
0 00 00	60 857.53	76 072.19	91 286.94	106 501.81	121 716.78
0 02 30	60 860.16	76 074.82	91 289.57	106 504.44	121 719.41
0 05 00	60 868.06	76 082.71	91 297.46	106 512.32	121 727.29
0 07 30	60 881.22	76 095.86	91 310.61	106 525.46	121 740.43
0 10 00	60 899.64	76 114.28	91 329.01	106 543.86	121 758.81
0 12 30	60 923.33	76 137.95	91 352.67	106 567.51	121 782.45
0 15 00	60 952.28	76 166.89	91 381.60	106 596.42	121 811.35
0 17 30	60 986.49	76 201.08	91 415.78	106 630.58	121 845.49
0 20 00	61 025.97	76 240.54	91 455.22	106 670.00	121 884.89
0 22 30	61 070.71	76 285.26	91 499.92	106 714.68	121 929.55
0 25 00	61 120.71	76 335.24	91 549.87	106 764.61	121 979.46
0 27 30	61 175.99	76 390.49	91 605.09	106 819.80	122 034.68
0 30 00	61 236.52	76 450.99	91 665.56	106 880.25	122 095.04
0 32 30	61 302.32	76 516.76	91 731.30	106 945.95	122 160.70
0 35 00	61 373.37	76 587.78	91 802.29	107 016.91	122 231.63
0 37 30	61 449.70	76 664.07	91 878.54	107 093.12	122 307.81
0 40 00	61 531.29	76 745.62	91 960.05	107 174.59	122 389.23
0 42 30	61 618.14	76 832.43	92 046.82	107 261.32	122 475.92
0 45 00	61 710.26	76 924.50	92 138.85	107 353.30	122 567.86
0 47 30	61 807.64	77 021.83	92 236.13	107 450.54	122 665.05
0 50 00	61 910.28	77 124.43	92 338.68	107 553.04	122 767.50
0 52 30	62 018.19	77 232.29	92 446.48	107 660.79	122 875.20
0 55 00	62 131.37	77 345.41	92 559.55	107 773.80	122 988.15
0 57 30	62 249.80	77 463.79	92 677.87	107 892.06	123 106.36
1 00 00	62 373.50	77 587.43	92 801.45	108 015.59	123 229.82
1 02 30	62 502.47	77 716.34	92 930.30	108 144.37	123 358.54
1 05 00	62 636.70	77 850.50	93 064.40	108 278.41	123 492.51
1 07 30	62 776.20	77 989.93	93 203.76	108 417.70	123 631.74
1 10 00	62 920.96	78 134.62	93 348.38	108 562.25	123 776.22
1 12 30	63 070.99	78 284.57	93 498.26	108 712.06	123 925.95
1 15 00	63 226.27	78 439.79	93 653.40	108 867.12	124 080.94
1 17 30	63 386.83	78 600.27	93 813.80	109 027.44	124 241.19
1 20 00	63 552.65	78 766.01	93 979.46	109 193.03	124 406.69
1 22 30	63 723.74	78 937.01	94 150.38	109 363.86	124 577.44
1 25 00	63 900.09	79 113.28	94 326.57	109 539.96	124 753.45
1 27 30	64 081.70	79 294.81	94 508.01	109 721.31	124 934.71
1 30 00	64 268.59	79 481.60	94 694.71	109 907.92	125 121.23
1 32 30	64 460.73	79 673.65	94 886.67	110 099.79	125 313.01
1 35 00	64 658.14	79 870.97	95 083.89	110 296.92	125 510.04
1 37 30	64 860.82	80 073.55	95 286.37	110 499.30	125 712.32
1 40 00	65 068.77	80 281.40	95 494.12	110 706.94	125 919.87
1 42 30	65 281.98	80 494.51	95 707.12	110 919.85	126 132.66
1 45 00	65 500.46	80 712.88	95 925.39	111 138.00	126 350.72
1 47 30	65 724.20	80 936.51	96 148.92	111 361.42	126 574.03
1 50 00	65 953.21	81 165.41	96 377.71	111 590.10	126 802.59
1 52 30	66 187.48	81 399.57	96 611.76	111 824.04	127 036.42
1 55 00	66 427.03	81 639.00	96 851.07	112 063.23	127 275.49
1 57 30	66 671.84	81 883.69	97 095.64	112 307.69	127 519.82
2 00 00	66 921.91	82 133.65	97 345.47	112 557.40	127 769.42
2 02 30	67 177.26	82 388.87	97 600.57	112 812.37	128 024.26
2 05 00	67 437.87	82 649.36	97 860.93	113 072.61	128 284.37
2 07 30	67 703.74	82 915.10	98 126.55	113 338.10	128 549.73
2 10 00	67 974.89	83 186.12	98 397.43	113 608.85	128 820.35
2 12 30	68 251.30	83 462.40	98 673.58	113 884.86	129 096.23
2 15 00	68 532.98	83 743.94	98 954.99	114 166.13	129 377.36
2 17 30	68 819.93	84 030.75	99 241.66	114 452.67	129 663.76
2 20 00	69 112.15	84 322.83	99 533.60	114 744.46	129 955.41
2 22 30	69 409.63	84 620.17	99 830.79	115 041.51	130 252.31
2 25 00	69 712.39	84 922.78	100 133.26	115 343.82	130 554.48
2 27 30	70 020.41	85 230.65	100 440.98	115 651.40	130 861.91
2 30 00	70 333.70	85 543.80	100 753.97	115 964.24	131 174.59
2 32 30	70 652.26	85 862.20	101 072.22	116 282.34	131 492.53
2 35 00	70 976.09	86 185.87	101 395.74	116 605.69	131 815.73
2 37 30	71 305.19	86 514.81	101 724.52	116 934.31	132 144.19
2 40 00	71 639.56	86 849.02	102 058.56	117 268.20	132 477.91
2 42 30	71 979.20	87 188.49	102 397.87	117 607.34	132 816.89
2 45 00	72 324.10	87 533.24	102 742.45	117 951.75	133 161.13
2 47 30	72 674.28	87 883.24	103 092.29	118 301.42	133 510.63
2 50 00	73 029.73	88 238.52	103 447.39	118 656.35	133 865.38
2 52 30	73 390.45	88 599.06	103 807.76	119 016.54	134 225.40
2 55 00	73 756.44	88 964.88	104 173.40	119 382.00	134 590.68
2 57 30	74 127.70	89 335.96	104 544.30	119 752.72	134 961.22
3 00 00	74 504.23	89 712.31	104 920.47	120 128.70	135 337.02

Second-difference correction to y for indicated value of k (for all Δλ's)

k	0" 150"	5" 145"	10" 140"	15" 135"	20" 130"	25" 125"	30" 120"	35" 115"	40" 110"	45" 105"	50" 100"	55" 95"	60" 90"	65" 85"	70" 80"	75" 75"
Correction	-.01	-.09	-.17	-.25	-.32	-.38	-.43	-.48	-.52	-.56	-.60	-.62	-.64	-.66	-.67	-.67

Correction for h is negligible

ALASKA – ZONES 2 TO 9
STATE PLANE COORDINATES IN FEET – X'

Δλ \ φ	54 20 00	54 22 30	54 25 00	54 27 30	54 30 00
0 00 00	0.00	0.00	0.00	0.00	0.00
0 02 30	8 891.96	8 882.97	8 873.97	8 864.97	8 855.96
0 05 00	17 783.91	17 765.93	17 747.94	17 729.94	17 711.92
0 07 30	26 675.87	26 648.89	26 621.91	26 594.90	26 567.88
0 10 00	35 567.82	35 531.85	35 495.86	35 459.86	35 483.84
0 12 30	44 459.76	44 414.80	44 369.82	44 324.81	44 279.78
0 15 00	53 351.70	53 297.74	53 243.76	53 189.76	53 135.72
0 17 30	62 243.62	62 180.68	62 117.71	62 054.70	61 991.65
0 20 00	71 135.54	71 063.60	70 991.63	70 919.63	70 847.57
0 22 30	80 027.44	79 946.52	79 865.55	79 784.54	79 703.49
0 25 00	88 919.33	88 829.41	88 739.45	88 649.44	88 559.38
0 27 30	97 811.21	97 712.30	97 613.34	97 514.32	97 415.26
0 30 00	106 703.06	106 595.17	106 487.21	106 379.19	106 271.12
0 32 30	115 594.91	115 478.01	115 361.06	115 244.04	115 126.97
0 35 00	124 486.73	124 360.84	124 234.89	124 108.88	123 982.79
0 37 30	133 378.53	133 243.65	133 108.70	132 973.68	132 838.60
0 40 00	142 270.31	142 126.44	141 982.49	141 838.47	141 694.38
0 42 30	151 162.06	151 009.20	150 856.26	150 703.24	150 550.13
0 45 00	160 053.79	159 891.94	159 730.00	159 567.97	159 405.86
0 47 30	168 945.49	168 774.64	168 603.71	168 432.68	168 261.57
0 50 00	177 837.16	177 657.33	177 477.39	177 297.37	177 117.24
0 52 30	186 728.81	186 539.97	186 351.04	186 162.02	185 972.88
0 55 00	195 620.42	195 422.59	195 224.67	195 026.63	194 828.49
0 57 30	204 511.99	204 305.18	204 098.25	203 891.22	203 684.07
1 00 00	213 403.54	213 187.73	212 971.81	212 755.77	212 539.62
1 02 30	222 295.04	222 070.24	221 845.32	221 620.29	221 395.12
1 05 00	231 186.52	230 952.72	230 718.80	230 484.76	230 250.59
1 07 30	240 077.95	239 835.16	239 592.24	239 349.20	239 106.02
1 10 00	248 969.34	248 717.55	248 465.64	248 213.59	247 961.41
1 12 30	257 860.69	257 599.91	257 339.00	257 077.94	256 816.76
1 15 00	266 751.99	266 482.22	266 212.31	265 942.25	265 672.06
1 17 30	275 643.25	275 364.48	275 085.57	274 806.51	274 527.31
1 20 00	284 534.46	284 246.71	283 958.79	283 670.73	283 382.52
1 22 30	293 425.62	293 128.87	292 831.96	292 534.90	292 237.68
1 25 00	302 316.74	302 010.99	301 705.09	301 399.02	301 092.79
1 27 30	311 207.81	310 893.07	310 578.16	310 263.09	309 947.85
1 30 00	320 098.82	319 775.08	319 451.18	319 127.10	318 802.85
1 32 30	328 989.78	328 657.05	328 324.14	327 991.06	327 657.80
1 35 00	337 880.68	337 538.95	337 197.04	336 854.96	336 512.69
1 37 30	346 771.52	346 420.80	346 069.90	345 718.80	345 367.53
1 40 00	355 662.31	355 302.59	354 942.68	354 582.59	354 222.30
1 42 30	364 553.03	364 184.32	363 815.42	363 446.31	363 077.02
1 45 00	373 443.70	373 065.99	372 688.08	372 309.97	371 931.67
1 47 30	382 334.30	381 947.60	381 560.69	381 173.57	380 786.26
1 50 00	391 224.83	390 829.14	390 433.22	390 037.11	389 640.78
1 52 30	400 115.31	399 710.61	399 305.70	398 900.57	398 495.24
1 55 00	409 005.71	408 592.02	408 178.10	407 763.97	407 349.63
1 57 30	417 896.04	417 473.35	417 050.44	416 627.30	416 203.95
2 00 00	426 786.30	426 354.62	425 922.70	425 490.56	425 058.19
2 02 30	435 676.50	435 235.81	434 794.89	434 353.74	433 912.37
2 05 00	444 566.61	444 116.93	443 667.01	443 216.85	442 766.46
2 07 30	453 456.65	452 997.97	452 539.05	452 079.89	451 620.48
2 10 00	462 346.62	461 878.94	461 411.02	460 942.84	460 474.43
2 12 30	471 236.50	470 759.83	470 282.90	469 805.72	469 328.29
2 15 00	480 126.31	479 640.64	479 154.70	478 668.51	478 182.08
2 17 30	489 016.04	488 521.36	488 026.43	487 531.23	487 035.78
2 20 00	497 905.68	497 402.01	496 898.06	496 393.86	495 889.39
2 22 30	506 795.24	506 282.57	505 769.62	505 256.41	504 742.92
2 25 00	515 684.71	515 163.04	514 641.09	514 118.87	513 596.37
2 27 30	524 574.10	524 043.42	523 512.47	522 981.24	522 449.73
2 30 00	533 463.39	532 923.72	532 383.76	531 843.52	531 303.00
2 32 30	542 352.60	541 803.93	541 254.96	540 705.71	540 156.17
2 35 00	551 241.71	550 684.04	550 126.07	549 567.81	549 009.25
2 37 30	560 130.74	559 564.06	558 997.08	558 429.81	557 862.24
2 40 00	569 019.66	568 443.98	567 868.00	567 291.72	566 715.13
2 42 30	577 908.49	577 323.81	576 738.82	576 153.53	575 567.93
2 45 00	586 797.22	586 203.54	585 609.55	585 015.24	584 420.62
2 47 30	595 685.86	595 083.17	594 480.17	593 876.85	593 273.22
2 50 00	604 574.39	603 962.70	603 350.69	602 738.36	602 125.71
2 52 30	613 462.82	612 842.13	612 221.10	611 599.76	610 978.10
2 55 00	622 351.14	621 721.45	621 091.42	620 461.07	619 830.38
2 57 30	631 239.36	630 600.66	629 961.62	629 322.26	628 682.55
3 00 00	640 127.47	639 479.77	638 831.72	638 183.34	637 534.62

Second-difference correction to x' for indicated values of h and Δλ

Δλ \ h	0" 150"	15" 135"	30" 120"	45" 105"	60" 90"	75" 75"
0°	0	0	0	0	0	0
1°	0	+.01	+.01	+.02	+.02	+.02
2°	+.01	+.02	+.03	+.03	+.03	+.04
3°	+.01	+.03	+.04	+.05	+.05	+.05

Correction for k is negligible

ALASKA – ZONES 2 TO 9
STATE PLANE COORDINATES IN FEET – Y

Δλ \ φ	54 20 00	54 22 30	54 25 00	54 27 30	54 30 00
0 00 00	121 716.78	136 931.87	152 147.05	167 362.34	182 577.74
0 02 30	121 719.41	136 934.49	152 149.67	167 364.96	182 580.36
0 05 00	121 727.29	136 942.37	152 157.54	167 372.83	182 588.23
0 07 30	121 740.43	136 955.49	152 170.67	167 385.95	182 601.33
0 10 00	121 758.81	136 973.87	152 189.03	167 404.31	182 619.69
0 12 30	121 782.45	136 997.50	152 212.65	167 427.91	182 643.28
0 15 00	121 811.35	137 026.38	152 241.52	167 456.76	182 672.12
0 17 30	121 845.49	137 060.51	152 275.63	167 490.86	182 706.20
0 20 00	121 884.89	137 099.89	152 314.99	167 530.21	182 745.52
0 22 30	121 929.55	137 144.53	152 359.60	167 574.79	182 790.09
0 25 00	121 979.46	137 194.41	152 409.46	167 624.63	182 839.90
0 27 30	122 034.62	137 249.55	152 464.57	167 679.71	182 894.95
0 30 00	122 095.04	137 309.93	152 524.93	167 740.04	182 955.25
0 32 30	122 160.70	137 375.57	152 590.53	167 805.61	183 020.79
0 35 00	122 231.63	137 446.45	152 661.38	167 876.43	183 091.57
0 37 30	122 307.81	137 522.60	152 737.49	167 952.49	183 167.60
0 40 00	122 389.23	137 603.99	152 818.84	168 033.80	183 248.87
0 42 30	122 475.92	137 690.63	152 905.44	168 120.36	183 335.38
0 45 00	122 567.86	137 782.52	152 997.29	168 212.16	183 427.14
0 47 30	122 665.05	137 879.67	153 094.38	168 309.21	183 524.14
0 50 00	122 767.50	137 982.06	153 196.73	168 411.50	183 626.38
0 52 30	122 875.20	138 089.71	153 304.32	168 519.04	183 733.87
0 55 00	122 988.15	138 202.61	153 417.17	168 631.83	183 846.60
0 57 30	123 106.36	138 320.76	153 535.26	168 749.86	183 964.57
1 00 00	123 229.82	138 444.16	153 658.60	168 873.15	184 087.79
1 02 30	123 358.54	138 572.81	153 787.19	169 001.67	184 216.26
1 05 00	123 492.51	138 706.72	153 921.03	169 135.45	184 349.97
1 07 30	123 631.74	138 845.88	154 060.12	169 274.46	184 488.91
1 10 00	123 776.22	138 990.29	154 204.46	169 418.73	184 633.11
1 12 30	123 925.95	139 139.95	154 354.04	169 568.25	184 782.55
1 15 00	124 080.94	139 294.86	154 508.88	169 723.01	184 937.23
1 17 30	124 241.19	139 455.03	154 668.97	169 883.02	185 097.16
1 20 00	124 406.69	139 620.45	154 834.30	170 048.27	185 262.33
1 22 30	124 577.44	139 791.12	155 004.89	170 218.77	185 432.75
1 25 00	124 753.45	139 967.04	155 180.73	170 394.52	185 608.41
1 27 30	124 934.71	140 148.21	155 361.81	170 575.52	185 789.32
1 30 00	125 121.23	140 334.64	155 548.15	170 761.76	185 975.47
1 32 30	125 313.01	140 526.32	155 739.74	170 953.25	186 166.87
1 35 00	125 510.04	140 723.26	155 936.57	171 149.99	186 363.51
1 37 30	125 712.32	140 925.45	156 138.66	171 351.98	186 565.39
1 40 00	125 919.87	141 132.88	156 346.00	171 559.21	186 772.53
1 42 30	126 132.66	141 345.58	156 558.58	171 771.69	186 984.90
1 45 00	126 350.72	141 563.52	156 776.43	171 989.43	187 202.53
1 47 30	126 574.03	141 786.72	156 999.51	172 212.41	187 425.39
1 50 00	126 802.59	142 015.18	157 227.85	172 440.63	187 653.51
1 52 30	127 036.42	142 248.89	157 461.45	172 674.11	187 886.87
1 55 00	127 275.49	142 487.85	157 700.29	172 912.83	188 125.47
1 57 30	127 519.82	142 732.06	157 944.39	173 156.81	188 369.32
2 00 00	127 769.42	142 981.53	158 193.73	173 406.03	188 618.43
2 02 30	128 024.26	143 236.25	158 448.33	173 660.50	188 872.77
2 05 00	128 284.37	143 496.23	158 708.18	173 920.22	189 132.36
2 07 30	128 549.73	143 761.46	158 973.28	174 185.19	189 397.20
2 10 00	128 820.35	144 031.95	159 243.63	174 455.41	189 667.28
2 12 30	129 096.23	144 307.69	159 519.23	174 730.88	189 942.61
2 15 00	129 377.36	144 588.69	159 800.09	175 011.60	190 223.19
2 17 30	129 663.76	144 874.94	160 086.21	175 297.57	190 509.02
2 20 00	129 955.41	145 166.44	160 377.57	175 588.78	190 800.09
2 22 30	130 252.31	145 463.21	160 674.18	175 885.25	191 096.41
2 25 00	130 554.48	145 765.22	160 976.05	176 186.97	191 397.98
2 27 30	130 861.91	146 072.50	161 283.17	176 493.94	191 704.80
2 30 00	131 174.59	146 385.03	161 595.55	176 806.16	192 016.86
2 32 30	131 492.53	146 702.81	161 913.18	177 123.63	192 334.18
2 35 00	131 815.73	147 025.85	162 236.06	177 446.35	192 656.73
2 37 30	132 144.19	147 354.15	162 564.20	177 774.33	192 984.55
2 40 00	132 477.91	147 687.71	162 897.58	178 107.55	193 317.61
2 42 30	132 816.89	148 026.52	163 236.23	178 446.03	193 655.91
2 45 00	133 161.13	148 370.59	163 580.13	178 789.76	193 999.47
2 47 30	133 510.63	148 719.92	163 929.28	179 138.74	194 348.27
2 50 00	133 865.38	149 074.50	164 283.69	179 492.97	194 702.33
2 52 30	134 225.40	149 434.34	164 643.36	179 852.45	195 061.64
2 55 00	134 590.68	149 799.43	165 008.27	180 217.19	195 426.19
2 57 30	134 961.22	150 169.79	165 378.45	180 587.18	195 796.00
3 00 00	135 337.02	150 545.41	165 753.87	180 962.43	196 171.05

Second-difference correction to y for indicated value of k (for all Δλ's)

k	0" 150"	5" 145"	10" 140"	15" 135"	20" 130"	25" 125"	30" 120"	35" 115"	40" 110"	45" 105"	50" 100"	55" 95"	60" 90"	65" 85"	70" 80"	75" 75"
Correction	-.01	-.09	-.17	-.25	-.32	-.38	-.43	-.48	-.52	-.56	-.60	-.62	-.64	-.66	-.67	-.67

Correction for h is negligible

ALASKA – ZONES 2 TO 9
STATE PLANE COORDINATES IN FEET – X'

Δλ \ φ	54 30 00	54 32 30	54 35 00	54 37 30	54 40 00
0 00 00	0.00	0.00	0.00	0.00	0.00
0 02 30	8 855.96	8 846.95	8 837.94	8 828.92	8 819.89
0 05 00	17 711.92	17 693.90	17 675.87	17 657.83	17 639.78
0 07 30	26 567.88	26 540.85	26 513.81	26 486.74	26 459.67
0 10 00	35 423.84	35 387.79	35 351.73	35 315.65	35 279.56
0 12 30	44 279.78	44 234.73	44 189.66	44 144.55	44 099.43
0 15 00	53 135.72	53 081.66	53 027.57	52 973.45	52 919.30
0 17 30	61 991.65	61 928.58	61 865.47	61 802.33	61 739.16
0 20 00	70 847.57	70 775.49	70 703.37	70 631.21	70 559.01
0 22 30	79 703.49	79 622.39	79 541.25	79 460.07	79 378.85
0 25 00	88 559.38	88 469.27	88 379.12	88 288.92	88 198.67
0 27 30	97 415.26	97 316.14	97 216.97	97 117.75	97 018.48
0 30 00	106 271.12	106 162.99	106 054.81	105 946.57	105 838.27
0 32 30	115 126.97	115 009.83	114 892.63	114 775.37	114 658.04
0 35 00	123 982.79	123 856.64	123 730.43	123 604.14	123 477.79
0 37 30	132 838.60	132 703.43	132 568.20	132 432.90	132 297.53
0 40 00	141 694.38	141 550.20	141 405.95	141 261.63	141 117.23
0 42 30	150 550.13	150 396.95	150 243.69	150 090.34	149 936.91
0 45 00	159 405.86	159 243.67	159 081.39	158 919.02	158 756.58
0 47 30	168 261.57	168 090.36	167 919.07	167 747.68	167 576.20
0 50 00	177 117.24	176 937.02	176 756.71	176 576.30	176 395.80
0 52 30	185 972.88	185 783.65	185 594.33	185 404.90	185 215.37
0 55 00	194 828.49	194 630.26	194 431.91	194 233.46	194 034.91
0 57 30	203 684.07	203 476.82	203 269.46	203 061.99	202 854.41
1 00 00	212 539.62	212 323.35	212 106.97	211 890.48	211 673.88
1 02 30	221 395.12	221 169.85	220 944.45	220 718.94	220 493.31
1 05 00	230 250.59	230 016.30	229 781.89	229 547.36	229 312.70
1 07 30	239 106.02	238 862.72	238 619.29	238 375.73	238 132.05
1 10 00	247 961.41	247 709.09	247 456.65	247 204.07	246 951.36
1 12 30	256 816.76	256 555.43	256 293.97	256 032.37	255 770.63
1 15 00	265 672.06	265 401.72	265 131.24	264 860.62	264 589.85
1 17 30	274 527.31	274 247.96	273 968.46	273 688.82	273 409.02
1 20 00	283 382.52	283 094.15	282 805.64	282 516.97	282 228.15
1 22 30	292 237.68	291 940.30	291 642.77	291 345.08	291 047.23
1 25 00	301 092.79	300 786.40	300 479.85	300 173.14	299 866.26
1 27 30	309 947.85	309 632.44	309 316.87	309 001.14	308 685.24
1 30 00	318 802.85	318 478.43	318 153.85	317 829.09	317 504.16
1 32 30	327 657.80	327 324.37	326 990.76	326 656.98	326 323.03
1 35 00	336 512.69	336 170.24	335 827.62	335 484.81	335 141.83
1 37 30	345 367.53	345 016.07	344 664.43	344 312.60	343 960.58
1 40 00	354 222.30	353 861.83	353 501.17	353 140.31	352 779.27
1 42 30	363 077.02	362 707.53	362 337.85	361 967.97	361 597.90
1 45 00	371 931.67	371 553.17	371 174.47	370 795.57	370 416.47
1 47 30	380 786.26	380 398.74	380 011.02	379 623.10	379 234.97
1 50 00	389 640.78	389 244.25	388 847.51	388 450.56	388 053.40
1 52 30	398 495.24	398 089.69	397 683.93	397 277.96	396 871.77
1 55 00	407 349.63	406 935.06	406 520.28	406 105.28	405 690.06
1 57 30	416 203.95	415 780.36	415 356.56	414 932.54	414 508.29
2 00 00	425 058.19	424 625.59	424 192.77	423 759.72	423 326.44
2 02 30	433 912.37	433 470.75	433 028.90	432 586.83	432 144.52
2 05 00	442 766.46	442 315.83	441 864.97	441 413.86	440 962.53
2 07 30	451 620.48	451 160.83	450 700.95	450 240.82	449 780.45
2 10 00	460 474.43	460 005.76	459 536.86	459 067.70	458 598.30
2 12 30	469 328.29	468 850.61	468 372.68	467 894.50	467 416.07
2 15 00	478 182.08	477 695.37	477 208.42	476 721.22	476 233.75
2 17 30	487 035.78	486 540.06	486 044.08	485 547.85	485 051.35
2 20 00	495 889.39	495 384.66	494 879.66	494 374.40	493 868.87
2 22 30	504 742.92	504 229.17	503 715.16	503 200.86	502 686.30
2 25 00	513 596.37	513 073.60	512 550.55	512 027.24	511 503.64
2 27 30	522 449.73	521 917.93	521 385.87	520 853.52	520 320.89
2 30 00	531 303.00	530 762.18	530 221.10	529 679.72	529 138.06
2 32 30	540 156.17	539 606.34	539 056.23	538 505.82	537 955.13
2 35 00	549 009.25	548 450.40	547 891.26	547 331.83	546 772.10
2 37 30	557 862.24	557 294.37	556 726.21	556 157.74	555 588.98
2 40 00	566 715.13	566 138.24	565 561.05	564 983.56	564 405.76
2 42 30	575 567.93	574 982.01	574 395.80	573 809.28	573 222.44
2 45 00	584 420.62	583 825.69	583 230.44	582 634.89	582 039.03
2 47 30	593 273.22	592 669.26	592 064.99	591 460.41	590 855.50
2 50 00	602 125.71	601 512.73	600 899.44	600 285.82	599 671.88
2 52 30	610 978.10	610 356.09	609 733.78	609 111.13	608 488.15
2 55 00	619 830.38	619 199.35	618 568.01	617 936.33	617 304.32
2 57 30	628 682.55	628 042.51	627 402.13	626 761.43	626 120.38
3 00 00	637 534.62	636 885.55	636 236.15	635 586.41	634 936.32

Second-difference correction to x' for indicated values of h and Δλ

Δλ \ h	0" 150"	15" 135"	30" 120"	45" 105"	60" 90"	75" 75"
0°	0	0	0	0	0	0
1°	0	+.01	+.01	+.02	+.02	+.02
2°	+.01	+.02	+.03	+.03	+.03	+.04
3°	+.01	+.03	+.04	+.05	+.05	+.05

Correction for k is negligible

ALASKA – ZONES 2 TO 9
STATE PLANE COORDINATES IN FEET – Y

Δλ \ φ	54 30 00	54 32 30	54 35 00	54 37 30	54 40 00
0 00 00	182 577.74	197 793.25	213 008.87	228 224.58	243 440.41
0 02 30	182 580.36	197 795.87	213 011.48	228 227.20	243 443.02
0 05 00	182 588.23	197 803.73	213 019.34	228 235.05	243 450.87
0 07 30	182 601.33	197 816.83	213 032.43	228 248.14	243 463.96
0 10 00	182 619.69	197 835.17	213 050.77	228 266.47	243 482.27
0 12 30	182 643.28	197 858.75	213 074.34	228 290.02	243 505.82
0 15 00	182 672.12	197 887.58	213 103.15	228 318.81	243 534.59
0 17 30	182 706.20	197 921.64	213 137.19	228 352.85	243 568.61
0 20 00	182 745.52	197 960.95	213 176.48	228 392.11	243 607.85
0 22 30	182 790.09	198 005.49	213 221.00	228 436.61	243 652.33
0 25 00	182 839.90	198 055.27	213 270.76	228 486.34	243 702.04
0 27 30	182 894.95	198 110.30	213 325.76	228 541.31	243 756.98
0 30 00	182 955.25	198 170.57	213 385.99	228 601.52	243 817.16
0 32 30	183 020.79	198 236.07	213 451.47	228 666.96	243 882.56
0 35 00	183 091.57	198 306.82	213 522.18	228 737.64	243 953.20
0 37 30	183 167.60	198 382.81	213 598.13	228 813.55	244 029.08
0 40 00	183 248.87	198 464.04	213 679.32	228 894.70	244 110.18
0 42 30	183 335.38	198 550.51	213 765.74	228 981.08	244 196.52
0 45 00	183 427.14	198 642.22	213 857.41	229 072.70	244 288.10
0 47 30	183 524.14	198 739.17	213 954.31	229 169.55	244 384.90
0 50 00	183 626.38	198 841.36	214 056.46	229 271.64	244 486.94
0 52 30	183 733.87	198 948.80	214 163.83	229 378.97	244 594.21
0 55 00	183 846.60	199 061.47	214 276.45	229 491.53	244 706.71
0 57 30	183 964.57	199 179.39	214 394.31	229 609.33	244 824.45
1 00 00	184 087.79	199 302.55	214 517.41	229 732.36	244 947.42
1 02 30	184 216.26	199 430.95	214 645.74	229 860.63	245 075.63
1 05 00	184 349.97	199 564.58	214 779.31	229 994.14	245 209.06
1 07 30	184 488.91	199 703.47	214 918.12	230 132.88	245 347.74
1 10 00	184 633.11	199 847.59	215 062.17	230 276.86	245 491.64
1 12 30	184 782.55	199 996.96	215 211.46	230 426.07	245 640.78
1 15 00	184 937.22	200 151.56	215 365.99	230 580.52	245 795.15
1 17 30	185 097.16	200 311.41	215 525.76	230 740.21	245 954.76
1 20 00	185 262.33	200 476.50	215 690.77	230 905.13	246 119.60
1 22 30	185 432.75	200 646.83	215 861.02	231 075.29	246 289.67
1 25 00	185 608.41	200 822.40	216 036.50	231 250.69	246 464.98
1 27 30	185 789.32	201 003.22	216 217.23	231 431.33	246 645.52
1 30 00	185 975.47	201 189.28	216 403.19	231 617.19	246 831.30
1 32 30	186 166.87	201 380.58	216 594.39	231 808.30	247 022.31
1 35 00	186 363.51	201 577.12	216 790.84	232 004.65	247 218.56
1 37 30	186 565.39	201 778.91	216 992.52	232 206.23	247 420.04
1 40 00	186 772.53	201 985.93	217 199.45	232 413.05	247 626.75
1 42 30	186 984.90	202 198.21	217 411.61	232 625.11	247 838.70
1 45 00	187 202.53	202 415.72	217 629.02	232 842.40	248 055.89
1 47 30	187 425.39	202 638.48	217 851.66	233 064.93	248 278.31
1 50 00	187 653.51	202 866.47	218 079.55	233 292.70	248 505.96
1 52 30	187 886.87	203 099.72	218 312.67	233 525.71	248 738.85
1 55 00	188 125.47	203 338.21	218 551.04	233 763.96	248 976.98
1 57 30	188 369.32	203 581.94	218 794.64	234 007.44	249 220.34
2 00 00	188 618.43	203 830.91	219 043.50	234 256.17	249 468.93
2 02 30	188 872.77	204 085.13	219 297.58	234 510.12	249 722.76
2 05 00	189 132.36	204 344.59	219 556.92	234 769.33	249 981.83
2 07 30	189 397.20	204 609.29	219 821.49	235 033.76	250 246.14
2 10 00	189 667.28	204 879.24	220 091.30	235 303.44	250 515.68
2 12 30	189 942.61	205 154.44	220 366.36	235 578.35	250 790.45
2 15 00	190 223.19	205 434.87	220 646.65	235 858.51	251 070.47
2 17 30	190 509.02	205 720.56	220 932.19	236 143.91	251 355.72
2 20 00	190 800.09	206 011.48	221 222.97	236 434.54	251 646.21
2 22 30	191 096.41	206 307.66	221 519.00	236 730.42	251 941.93
2 25 00	191 397.98	206 609.07	221 820.26	237 031.53	252 242.89
2 27 30	191 704.80	206 915.74	222 126.77	237 337.88	252 549.09
2 30 00	192 016.86	207 227.65	222 438.52	237 649.48	252 860.52
2 32 30	192 334.18	207 544.80	222 755.52	237 966.31	253 177.19
2 35 00	192 656.73	207 867.20	223 077.75	238 288.38	253 499.11
2 37 30	192 984.55	208 194.85	223 405.24	238 615.70	253 826.25
2 40 00	193 317.61	208 527.74	223 737.96	238 948.26	254 158.64
2 42 30	193 655.91	208 865.87	224 075.93	239 286.05	254 496.27
2 45 00	193 999.47	209 209.26	224 419.14	239 629.09	254 839.13
2 47 30	194 348.27	209 557.89	224 767.59	239 977.37	255 187.24
2 50 00	194 702.33	209 911.77	225 121.30	240 330.89	255 540.57
2 52 30	195 061.64	210 270.89	225 480.24	240 689.65	255 899.16
2 55 00	195 426.19	210 635.27	225 844.43	241 053.66	256 262.98
2 57 30	195 796.00	211 004.88	226 213.86	241 422.91	256 632.04
3 00 00	196 171.05	211 379.75	226 588.54	241 797.39	257 006.33

Second-difference correction to y for indicated value of k (for all Δλ's)

k	0" 150"	5" 145"	10" 140"	15" 135"	20" 130"	25" 125"	30" 120"	35" 115"	40" 110"	45" 105"	50" 100"	55" 95"	60" 90"	65" 85"	70" 80"	75" 75"
Correction	-.01	-.09	-.17	-.24	-.31	-.37	-.43	-.48	-.52	-.56	-.59	-.61	-.63	-.65	-.66	-.66

Correction for h is negligible

ALASKA – ZONES 2 TO 9
STATE PLANE COORDINATES IN FEET – X'

Δλ \ φ	54 40 00	54 42 30	54 45 00	54 47 30	54 50 00
0 00 00	0.00	0.00	0.00	0.00	0.00
0 02 30	8 819.89	8 810.86	8 801.83	8 792.79	8 783.75
0 05 00	17 639.78	17 621.72	17 603.66	17 585.58	17 567.49
0 07 30	26 459.67	26 432.58	26 405.48	26 378.37	26 351.23
0 10 00	35 279.56	35 243.44	35 207.30	35 171.14	35 134.97
0 12 30	44 099.43	44 054.29	44 009.11	43 963.92	43 918.70
0 15 00	52 919.30	52 865.12	52 810.92	52 756.69	52 702.42
0 17 30	61 739.16	61 675.96	61 612.71	61 549.44	61 486.14
0 20 00	70 559.01	70 486.78	70 414.50	70 342.19	70 269.84
0 22 30	79 378.85	79 297.58	79 216.28	79 134.92	79 053.53
0 25 00	88 198.67	88 108.37	88 018.03	87 927.65	87 837.21
0 27 30	97 018.48	96 919.16	96 819.78	96 720.35	96 620.87
0 30 00	105 838.27	105 729.92	105 621.50	105 513.03	105 404.51
0 32 30	114 658.04	114 540.66	114 423.21	114 305.70	114 188.14
0 35 00	123 477.79	123 351.38	123 224.90	123 098.35	122 971.75
0 37 30	132 297.53	132 162.08	132 026.57	131 890.98	131 755.33
0 40 00	141 117.23	140 972.76	140 828.21	140 683.58	140 538.88
0 42 30	149 936.91	149 783.41	149 629.83	149 476.16	149 322.42
0 45 00	158 756.58	158 594.04	158 431.42	158 268.72	158 105.93
0 47 30	167 576.20	167 404.64	167 232.98	167 061.24	166 889.41
0 50 00	176 395.80	176 215.21	176 034.52	175 853.73	175 672.86
0 52 30	185 215.37	185 025.75	184 836.02	184 646.20	184 456.27
0 55 00	194 034.91	193 836.25	193 637.49	193 438.63	193 239.66
0 57 30	202 854.41	202 646.73	202 438.93	202 231.03	202 023.01
1 00 00	211 673.88	211 457.16	211 240.33	211 023.39	210 806.33
1 02 30	220 493.31	220 267.56	220 041.69	219 815.71	219 589.61
1 05 00	229 312.70	229 077.92	228 843.02	228 608.00	228 372.85
1 07 30	238 132.05	237 888.24	237 644.30	237 400.24	237 156.05
1 10 00	246 951.36	246 698.52	246 445.55	246 192.44	245 939.20
1 12 30	255 770.63	255 508.76	255 246.75	254 984.60	254 722.32
1 15 00	264 589.85	264 318.95	264 047.90	263 776.71	263 505.39
1 17 30	273 409.02	273 129.09	272 849.01	272 568.78	272 288.40
1 20 08	282 228.15	281 939.18	281 650.06	281 360.80	281 071.38
1 22 30	291 047.23	290 749.23	290 451.08	290 152.77	289 854.30
1 25 00	299 866.26	299 559.23	299 252.04	298 944.68	298 637.17
1 27 30	308 685.24	308 369.17	308 052.94	307 736.55	307 419.99
1 30 00	317 504.16	317 179.06	316 853.80	316 528.36	316 202.75
1 32 30	326 323.03	325 988.90	325 654.59	325 320.11	324 985.46
1 35 00	335 141.83	334 798.67	334 455.33	334 111.81	333 768.11
1 37 30	343 960.58	343 608.39	343 256.01	342 903.44	342 550.70
1 40 00	352 779.27	352 418.05	352 056.63	351 695.02	351 333.23
1 42 30	361 597.90	361 227.64	360 857.19	360 486.54	360 115.70
1 45 00	370 416.47	370 037.17	369 657.68	369 277.99	368 898.10
1 47 30	379 234.97	378 846.64	378 458.10	378 069.37	377 680.44
1 50 00	388 053.40	387 656.04	387 258.46	386 860.69	386 462.70
1 52 30	396 871.77	396 465.38	396 058.76	395 651.94	395 244.91
1 55 00	405 690.06	405 274.63	404 858.98	404 443.12	404 027.04
1 57 30	414 508.29	414 083.83	413 659.13	413 234.23	412 809.10
2 00 00	423 326.44	422 892.94	422 459.21	422 025.26	421 591.08
2 02 30	432 144.52	431 701.99	431 259.22	430 816.22	430 372.99
2 05 00	440 962.53	440 510.95	440 059.15	439 607.10	439 154.83
2 07 30	449 780.45	449 319.85	448 858.99	448 397.91	447 936.58
2 10 00	458 598.30	458 128.66	457 658.77	457 188.63	456 718.26
2 12 30	467 416.07	466 937.39	466 458.46	465 979.28	465 499.85
2 15 00	476 233.75	475 746.04	475 258.07	474 769.84	474 281.36
2 17 30	485 051.35	484 554.60	484 057.59	483 560.32	483 062.79
2 20 00	493 868.87	493 363.09	492 857.03	492 350.71	491 844.13
2 22 30	502 686.30	502 171.48	501 656.38	501 141.02	500 625.39
2 25 00	511 503.64	510 979.79	510 455.64	509 931.23	509 406.55
2 27 30	520 320.89	519 788.00	519 254.81	518 721.36	518 187.62
2 30 00	529 138.06	528 596.12	528 053.89	527 511.39	526 968.61
2 32 30	537 955.13	537 404.15	536 852.88	536 301.33	535 749.50
2 35 00	546 772.10	546 212.09	545 651.78	545 091.18	544 530.29
2 37 30	555 588.98	555 019.93	554 450.57	553 880.93	553 310.98
2 40 00	564 405.76	563 827.67	563 249.27	562 670.58	562 091.58
2 42 30	573 222.44	572 635.31	572 047.87	571 460.13	570 872.08
2 45 00	582 039.03	581 442.86	580 846.37	580 249.57	579 652.47
2 47 30	590 855.50	590 250.30	589 644.76	589 038.92	588 432.76
2 50 00	599 671.88	599 057.63	598 443.06	597 828.16	597 212.95
2 52 30	608 488.15	607 864.86	607 241.24	606 617.29	605 993.03
2 55 00	617 304.32	616 671.99	616 039.32	615 406.32	614 773.00
2 57 30	626 120.38	625 479.00	624 837.28	624 195.24	623 552.87
3 00 00	634 936.32	634 285.91	633 635.14	632 984.05	632 332.62

Second-difference correction to x' for indicated values of h and Δλ

Δλ \ h	0" 150"	15" 135"	30" 120"	45" 105"	60" 90"	75" 75"
0°	0	0	0	0	0	0
1°	0	+.01	+.01	+.02	+.02	+.02
2°	+.01	+.02	+.03	+.03	+.03	+.04
3°	+.01	+.03	+.04	+.05	+.05	+.05

Correction for k is negligible

ALASKA – ZONES 2 TO 9
STATE PLANE COORDINATES IN FEET – Y

Δλ \ φ	54 40 00	54 42 30	54 45 00	54 47 30	54 50 00
0 00 00	243 440.41	258 656.34	273 872.38	289 088.53	304 304.78
0 02 30	243 443.02	258 658.95	273 875.00	289 091.14	304 307.39
0 05 00	243 450.87	258 666.80	273 882.84	289 098.98	304 315.22
0 07 30	243 463.96	258 679.87	273 895.91	289 112.04	304 328.28
0 10 00	243 482.27	258 698.18	273 914.20	289 130.33	304 346.55
0 12 30	243 505.82	258 721.71	273 937.72	289 153.84	304 370.05
0 15 00	243 534.59	258 750.48	273 966.47	289 182.57	304 398.77
0 17 30	243 568.61	258 784.47	274 000.45	289 216.53	304 432.71
0 20 00	243 607.85	258 823.69	274 039.65	289 255.71	304 471.88
0 22 30	243 652.33	258 868.15	274 084.08	289 300.12	304 516.26
0 25 00	243 702.04	258 917.84	274 133.74	289 349.76	304 565.87
0 27 30	243 756.98	258 972.75	274 188.63	289 404.62	304 620.70
0 30 00	243 817.16	259 032.89	274 248.75	289 464.70	304 680.76
0 32 30	243 882.56	259 098.27	274 314.08	289 530.00	304 746.03
0 35 00	243 953.20	259 168.87	274 384.65	289 600.54	304 816.52
0 37 30	244 029.08	259 244.71	274 460.45	289 676.30	304 892.24
0 40 00	244 110.18	259 325.77	274 541.47	289 757.27	304 973.18
0 42 30	244 196.52	259 412.07	274 627.72	289 843.49	305 059.34
0 45 00	244 288.10	259 503.60	274 719.20	289 934.92	305 150.73
0 47 30	244 384.90	259 600.35	274 815.91	290 031.57	305 247.34
0 50 00	244 486.94	259 702.34	274 917.85	290 133.46	305 349.17
0 52 30	244 594.21	259 809.55	275 025.01	290 240.56	305 456.22
0 55 00	244 706.71	259 922.00	275 137.40	290 352.89	305 568.49
0 57 30	244 824.45	260 039.68	275 255.01	290 470.45	305 685.99
1 00 00	244 947.42	260 162.59	275 377.86	290 593.23	305 808.71
1 02 30	245 075.63	260 290.73	275 505.93	290 721.24	305 936.65
1 05 00	245 209.06	260 424.10	275 639.23	290 854.47	306 069.81
1 07 30	245 347.74	260 562.70	275 777.77	290 992.93	306 208.20
1 10 00	245 491.64	260 706.53	275 921.52	291 136.62	306 351.81
1 12 30	245 640.78	260 855.59	276 070.51	291 285.53	306 500.64
1 15 00	245 795.15	261 009.88	276 224.78	291 439.66	306 654.70
1 17 30	245 954.76	261 169.41	276 384.17	291 599.02	306 813.98
1 20 00	246 119.60	261 334.17	276 548.84	291 763.61	306 978.48
1 22 30	246 289.67	261 504.15	276 718.74	291 933.43	307 148.20
1 25 00	246 464.98	261 679.37	276 893.87	292 108.46	307 323.15
1 27 30	246 645.52	261 859.82	277 074.23	292 288.73	307 503.32
1 30 00	246 831.30	262 045.51	277 259.81	292 474.22	307 688.72
1 32 30	247 022.31	262 236.42	277 450.63	292 664.94	307 879.34
1 35 00	247 218.56	262 432.57	277 646.68	292 860.88	308 075.18
1 37 30	247 420.04	262 633.94	277 847.95	293 062.05	308 276.25
1 40 00	247 626.75	262 840.55	278 054.45	293 268.45	308 482.54
1 42 30	247 838.70	263 052.39	278 266.19	293 480.07	308 694.05
1 45 00	248 055.89	263 269.46	278 483.15	293 696.92	308 910.80
1 47 30	248 278.31	263 491.77	278 705.34	293 919.00	309 132.76
1 50 00	248 505.96	263 719.31	278 932.76	294 146.31	309 359.95
1 52 30	248 738.85	263 952.08	279 165.41	294 378.84	309 592.36
1 55 00	248 976.98	264 190.09	279 403.30	294 616.60	309 829.99
1 57 30	249 220.34	264 433.32	279 646.41	294 859.58	310 072.86
2 00 00	249 468.93	264 681.79	279 894.75	295 107.80	310 320.94
2 02 30	249 722.76	264 935.49	280 148.32	295 361.24	310 574.25
2 05 00	249 981.83	265 194.43	280 407.13	295 619.91	310 832.79
2 07 30	250 246.14	265 458.60	280 671.16	295 883.81	311 096.55
2 10 00	250 515.68	265 728.00	280 940.43	296 152.94	311 365.54
2 12 30	250 790.45	266 002.64	281 214.92	296 427.29	311 639.75
2 15 00	251 070.47	266 282.51	281 494.65	296 706.88	311 919.19
2 17 30	251 355.72	266 567.61	281 779.61	296 991.69	312 203.85
2 20 00	251 646.21	266 857.95	282 069.80	297 281.73	312 493.75
2 22 30	251 941.93	267 153.52	282 365.22	297 577.00	312 788.86
2 25 00	252 242.89	267 454.33	282 665.87	297 877.49	313 089.20
2 27 30	252 549.09	267 760.37	282 971.76	298 183.22	313 394.77
2 30 00	252 860.52	268 071.65	283 282.87	298 494.18	313 705.57
2 32 30	253 177.19	268 388.16	283 599.22	298 810.36	314 021.59
2 35 00	253 499.11	268 709.91	283 920.80	299 131.78	314 342.84
2 37 30	253 826.25	269 036.89	284 247.62	299 458.43	314 669.32
2 40 00	254 158.64	269 369.11	284 579.66	299 790.30	315 001.02
2 42 30	254 496.27	269 706.56	284 916.94	300 127.41	315 337.95
2 45 00	254 839.13	270 049.85	285 259.46	300 469.75	315 680.11
2 47 30	255 187.24	270 397.17	285 607.20	300 817.31	316 027.50
2 50 00	255 540.57	270 750.33	285 960.18	301 170.11	316 380.12
2 52 30	255 899.16	271 108.73	286 318.39	301 528.14	316 737.96
2 55 00	256 262.98	271 472.37	286 681.84	301 891.40	317 101.03
2 57 30	256 632.04	271 841.24	287 050.52	302 259.89	317 469.33
3 00 00	257 006.33	272 215.34	287 424.44	302 633.61	317 842.86

Second-difference correction to y for indicated value of k (for all Δλ's)

k	0" 150"	5" 145"	10" 140"	15" 135"	20" 130"	25" 125"	30" 120"	35" 115"	40" 110"	45" 105"	50" 100"	55" 95"	60" 90"	65" 85"	70" 80"	75" 75"
Correction	-.01	-.09	-.17	-.24	-.31	-.37	-.43	-.48	-.52	-.56	-.59	-.61	-.63	-.65	-.66	-.66

Correction for h is negligible

ALASKA – ZONES 2 TO 9
STATE PLANE COORDINATES IN FEET – X'

Δλ \ φ	54 50 00	54 52 30	54 55 00	54 57 30	55 00 00
0 00 00	0.00	0.00	0.00	0.00	0.00
0 02 30	8 783.75	8 774.70	8 765.65	8 756.59	8 747.53
0 05 00	17 567.49	17 549.39	17 531.29	17 513.17	17 495.05
0 07 30	26 351.23	26 324.09	26 296.93	26 269.76	26 242.57
0 10 00	35 134.97	35 098.78	35 062.57	35 026.33	34 990.09
0 12 30	43 918.70	43 873.46	43 828.20	43 782.91	43 737.60
0 15 00	52 702.42	52 648.14	52 593.82	52 539.47	52 485.10
0 17 30	61 486.14	61 422.80	61 359.43	61 296.03	61 232.59
0 20 00	70 269.84	70 197.45	70 125.03	70 052.57	69 980.07
0 22 30	79 053.53	78 972.10	78 890.62	78 809.10	78 727.54
0 25 00	87 837.21	87 746.73	87 656.19	87 565.62	87 475.00
0 27 30	96 620.87	96 521.34	96 421.75	96 322.12	96 222.43
0 30 00	105 404.51	105 295.93	105 187.30	105 078.60	104 969.85
0 32 30	114 188.14	114 070.51	113 952.82	113 835.06	113 717.26
0 35 00	122 971.75	122 845.07	122 718.32	122 591.51	122 464.64
0 37 30	131 755.33	131 619.60	131 483.80	131 347.93	131 211.99
0 40 00	140 538.88	140 394.11	140 249.26	140 104.33	139 959.33
0 42 30	149 322.42	149 168.60	149 014.69	148 860.71	148 706.64
0 45 00	158 105.93	157 943.05	157 780.09	157 617.05	157 453.93
0 47 30	166 889.41	166 717.48	166 545.47	166 373.37	166 201.18
0 50 00	175 672.86	175 491.89	175 310.82	175 129.66	174 948.41
0 52 30	184 456.27	184 266.26	184 076.14	183 885.92	183 695.60
0 55 00	193 239.66	193 040.59	192 841.42	192 642.14	192 442.76
0 57 30	202 023.01	201 814.89	201 606.67	201 398.33	201 189.89
1 00 00	210 806.33	210 589.16	210 371.88	210 154.48	209 936.98
1 02 30	219 589.61	219 363.39	219 137.05	218 910.60	218 684.03
1 05 00	228 372.85	228 137.58	227 902.19	227 666.68	227 431.04
1 07 30	237 156.05	236 911.73	236 667.28	236 422.71	236 178.01
1 10 00	245 939.20	245 685.83	245 432.34	245 178.71	244 924.94
1 12 30	254 722.32	254 459.90	254 197.35	253 934.65	253 671.83
1 15 00	263 505.39	263 233.92	262 962.31	262 690.55	262 418.67
1 17 30	272 288.40	272 007.88	271 727.22	271 446.41	271 165.46
1 20 00	281 071.38	280 781.81	280 492.09	280 202.22	279 912.20
1 22 30	289 854.30	289 555.68	289 256.90	288 957.97	288 658.89
1 25 00	298 637.17	298 329.50	298 021.67	297 713.68	297 405.53
1 27 30	307 419.99	307 103.27	306 786.38	306 469.33	306 152.11
1 30 00	316 202.75	315 876.98	315 551.04	315 224.92	314 898.65
1 32 30	324 985.46	324 650.64	324 315.64	323 980.46	323 645.12
1 35 00	333 768.11	333 424.23	333 080.18	332 735.94	332 391.53
1 37 30	342 550.70	342 197.77	341 844.66	341 491.36	341 137.88
1 40 00	351 333.23	350 971.25	350 609.08	350 246.72	349 884.18
1 42 30	360 115.70	359 744.66	359 373.43	359 002.02	358 630.41
1 45 00	368 898.10	368 518.01	368 137.73	367 757.25	367 376.58
1 47 30	377 680.44	377 291.30	376 901.95	376 512.41	376 122.67
1 50 00	386 462.70	386 064.51	385 666.12	385 267.51	384 868.71
1 52 30	395 244.91	394 837.67	394 430.21	394 022.54	393 614.67
1 55 00	404 027.04	403 610.74	403 194.23	402 777.50	402 360.55
1 57 30	412 809.10	412 383.75	411 958.18	411 532.38	411 106.37
2 00 00	421 591.08	421 156.68	420 722.05	420 287.19	419 852.11
2 02 30	430 372.99	429 929.54	429 485.85	429 041.93	428 597.78
2 05 00	439 154.83	438 702.31	438 249.56	437 796.58	437 343.37
2 07 30	447 936.58	447 475.02	447 013.21	446 551.17	446 088.88
2 10 00	456 718.26	456 247.64	455 776.77	455 305.66	454 834.31
2 12 30	465 499.85	465 020.18	464 540.25	464 060.08	463 579.66
2 15 00	474 281.36	473 792.64	473 303.65	472 814.41	472 324.92
2 17 30	483 062.79	482 565.01	482 066.96	481 568.66	481 070.10
2 20 00	491 844.13	491 337.29	490 830.19	490 322.82	489 815.19
2 22 30	500 625.39	500 109.49	499 593.32	499 076.89	498 560.20
2 25 00	509 406.55	508 881.60	508 356.37	507 830.87	507 305.11
2 27 30	518 187.62	517 653.62	517 119.33	516 584.76	516 049.93
2 30 00	526 968.61	526 425.54	525 882.19	525 338.56	524 794.65
2 32 30	535 749.50	535 197.37	534 644.96	534 092.27	533 539.28
2 35 00	544 530.29	543 969.11	543 407.63	542 845.87	542 283.82
2 37 30	553 310.98	552 740.74	552 170.21	551 599.38	551 028.26
2 40 00	562 091.58	561 512.29	560 932.69	560 352.79	559 772.60
2 42 30	570 872.08	570 283.72	569 695.06	569 106.10	568 516.83
2 45 00	579 652.47	579 055.06	578 457.34	577 859.31	577 260.97
2 47 30	588 432.76	587 826.29	587 219.50	586 612.41	586 005.00
2 50 00	597 212.95	596 597.43	595 981.57	595 365.40	594 748.92
2 52 30	605 993.03	605 368.44	604 743.53	604 118.29	603 492.73
2 55 00	614 773.00	614 139.36	613 505.37	612 871.07	612 236.44
2 57 30	623 552.87	622 910.16	622 267.11	621 623.73	620 980.03
3 00 00	632 332.62	631 680.85	631 028.74	630 376.29	629 723.51

Second-difference correction to x' for indicated values of h and Δλ

Δλ \ h	0" 150"	15" 135"	30" 120"	45" 105"	60" 90"	75" 75"
0°	0	0	0	0	0	0
1°	0	+.01	+.01	+.02	+.02	+.02
2°	+.01	+.02	+.03	+.03	+.03	+.04
3°	+.01	+.03	+.04	+.05	+.05	+.05

Correction for k is negligible

ALASKA – ZONES 2 TO 9
STATE PLANE COORDINATES IN FEET – Y

Δλ \ φ	54 50 00	54 52 30	54 55 00	54 57 30	55 00 00
0 00 00	304 304.78	319 521.14	334 737.60	349 954.17	365 170.85
0 02 30	304 307.39	319 523.74	334 740.21	349 956.78	365 173.45
0 05 00	304 315.22	319 531.58	334 748.03	349 964.60	365 181.27
0 07 30	304 328.28	319 544.62	334 761.07	349 977.63	365 194.30
0 10 00	304 346.55	319 562.89	334 779.33	349 995.88	365 212.53
0 12 30	304 370.05	319 586.38	334 802.80	350 019.34	365 235.99
0 15 00	304 398.77	319 615.08	334 831.49	350 048.02	365 264.64
0 17 30	304 432.71	319 649.00	334 865.40	350 081.91	365 298.51
0 20 00	304 471.88	319 688.15	334 904.52	350 121.01	365 337.60
0 22 30	304 516.26	319 732.51	334 948.86	350 165.33	365 381.89
0 25 00	304 565.87	319 782.09	334 998.42	350 214.86	365 431.40
0 27 30	304 620.70	319 836.90	335 053.19	350 269.60	365 486.11
0 30 00	304 680.76	319 896.92	335 113.18	350 329.56	365 546.04
0 32 30	304 746.03	319 962.16	335 178.39	350 394.73	365 611.17
0 35 00	304 816.52	320 032.61	335 248.81	350 465.12	365 681.52
0 37 30	304 892.24	320 108.29	335 324.45	350 540.72	365 757.08
0 40 00	304 973.18	320 189.19	335 405.30	350 621.53	365 837.85
0 42 30	305 059.34	320 275.31	335 491.38	350 707.56	365 923.84
0 45 00	305 150.73	320 366.65	335 582.67	350 798.80	366 015.03
0 47 30	305 247.34	320 463.20	335 679.18	350 895.25	366 111.44
0 50 00	305 349.17	320 564.98	335 780.90	350 996.93	366 213.05
0 52 30	305 456.22	320 671.98	335 887.84	351 103.81	366 319.88
0 55 00	305 568.49	320 784.19	335 999.99	351 215.91	366 431.92
0 57 30	305 685.99	320 901.63	336 117.37	351 333.22	366 549.17
1 00 00	305 808.71	321 024.28	336 239.96	351 455.75	366 671.64
1 02 30	305 936.65	321 152.16	336 367.77	351 583.49	366 799.31
1 05 00	306 069.81	321 285.25	336 500.80	351 716.45	366 932.20
1 07 30	306 208.20	321 423.57	336 639.04	351 854.62	367 070.29
1 10 00	306 351.81	321 567.10	336 782.50	351 998.00	367 213.60
1 12 30	306 500.64	321 715.86	336 931.18	352 146.60	367 362.13
1 15 00	306 654.70	321 869.84	337 085.07	352 300.42	367 515.86
1 17 30	306 813.98	322 029.03	337 244.19	352 459.45	367 674.81
1 20 00	306 978.48	322 193.45	337 408.52	352 623.69	367 838.97
1 22 30	307 148.20	322 363.09	337 578.07	352 793.16	368 008.34
1 25 00	307 323.15	322 537.94	337 752.83	352 967.83	368 182.92
1 27 30	307 503.32	322 718.02	337 932.82	353 147.72	368 362.72
1 30 00	307 688.72	322 903.32	338 118.02	353 332.83	368 547.72
1 32 30	307 879.34	323 093.84	338 308.44	353 523.15	368 737.94
1 35 00	308 075.18	323 289.59	338 504.08	353 718.68	368 933.38
1 37 30	308 276.25	323 490.55	338 704.94	353 919.44	369 134.03
1 40 00	308 482.54	323 696.73	338 911.02	354 125.40	369 339.89
1 42 30	308 694.05	323 908.13	339 122.31	354 336.59	369 550.96
1 45 00	308 910.80	324 124.76	339 338.83	354 552.99	369 767.25
1 47 30	309 132.76	324 346.61	339 560.55	354 774.61	369 988.74
1 50 00	309 359.95	324 573.68	339 787.51	355 001.44	370 215.46
1 52 30	309 592.36	324 805.97	340 019.68	355 233.48	370 447.39
1 55 00	309 829.99	325 043.48	340 257.07	355 470.75	370 684.52
1 57 30	310 072.86	325 286.22	340 499.68	355 713.23	370 926.88
2 00 00	310 320.94	325 534.18	340 747.50	355 960.93	371 174.44
2 02 30	310 574.25	325 787.36	341 000.55	356 213.84	371 427.23
2 05 00	310 832.79	326 045.76	341 258.82	356 471.97	371 685.22
2 07 30	311 096.55	326 309.39	341 522.31	356 735.32	371 948.43
2 10 00	311 365.54	326 578.23	341 791.01	357 003.89	372 216.86
2 12 30	311 639.75	326 852.30	342 064.94	357 277.67	372 490.50
2 15 00	311 919.19	327 131.59	342 344.09	357 556.68	372 769.35
2 17 30	312 203.85	327 416.11	342 628.46	357 840.90	373 053.42
2 20 00	312 493.75	327 705.85	342 918.04	358 130.33	373 348.71
2 22 30	312 788.86	328 000.82	343 212.85	358 424.99	373 637.21
2 25 00	313 089.20	328 301.00	343 512.88	358 724.86	373 936.92
2 27 30	313 394.77	328 606.41	343 818.13	359 029.95	374 241.85
2 30 00	313 705.57	328 917.05	344 128.61	359 340.26	374 552.00
2 32 30	314 021.59	329 232.90	344 444.30	359 655.79	374 867.36
2 35 00	314 342.84	329 553.99	344 765.21	359 976.53	375 187.93
2 37 30	314 669.32	329 880.29	345 091.35	360 302.50	375 513.73
2 40 00	315 001.02	330 211.82	345 422.71	360 633.68	375 844.74
2 42 30	315 337.95	330 548.58	345 759.29	360 970.09	376 180.97
2 45 00	315 680.11	330 890.57	346 101.09	361 311.71	376 522.41
2 47 30	316 027.50	331 237.77	346 448.12	361 658.55	376 869.07
2 50 00	316 380.12	331 590.20	346 800.36	362 010.61	377 220.94
2 52 30	316 737.96	331 947.86	347 157.83	362 367.89	377 578.04
2 55 00	317 101.03	332 310.74	347 520.53	362 730.40	377 940.35
2 57 30	317 469.33	332 678.85	347 888.44	363 098.12	378 307.88
3 00 00	317 842.86	333 052.18	348 261.58	363 471.06	378 680.62

Second-difference correction to y for indicated value of k (for all Δλ's)

k	0" 150"	5" 145"	10" 140"	15" 135"	20" 130"	25" 125"	30" 120"	35" 115"	40" 110"	45" 105"	50" 100"	55" 95"	60" 90"	65" 85"	70" 80"	75" 75"
Correction	-.01	-.09	-.17	-.24	-.31	-.37	-.43	-.48	-.52	-.56	-.59	-.61	-.63	-.65	-.66	-.66

Correction for h is negligible

ALASKA – ZONES 2 TO 9
STATE PLANE COORDINATES IN FEET – X'

Δλ \ φ	55 00 00	55 02 30	55 05 00	55 07 30	55 10 00
0 00 00	0.00	0.00	0.00	0.00	0.00
0 02 30	8 747.53	8 738.46	8 729.39	8 720.31	8 711.23
0 05 00	17 495.05	17 476.91	17 458.77	17 440.62	17 422.46
0 07 30	26 242.57	26 215.37	26 188.15	26 160.93	26 133.68
0 10 00	34 990.09	34 953.82	34 917.53	34 881.23	34 844.90
0 12 30	43 737.60	43 692.26	43 646.90	43 601.52	43 556.11
0 15 00	52 485.10	52 430.70	52 376.27	52 321.81	52 267.32
0 17 30	61 232.59	61 169.12	61 105.62	61 042.08	60 978.52
0 20 00	69 980.07	69 907.53	69 834.96	69 762.35	69 689.70
0 22 30	78 727.54	78 645.94	78 564.29	78 482.60	78 400.87
0 25 00	87 475.00	87 384.32	87 293.60	87 202.84	87 112.03
0 27 30	96 222.43	96 122.69	96 022.91	95 923.06	95 823.17
0 30 00	104 969.85	104 861.05	104 752.19	104 643.27	104 534.30
0 32 30	113 717.26	113 599.38	113 481.45	113 363.45	113 245.40
0 35 00	122 464.64	122 337.69	122 210.69	122 083.62	121 956.48
0 37 30	131 211.99	131 075.99	130 939.91	130 803.76	130 667.54
0 40 00	139 959.33	139 814.26	139 669.11	139 523.88	139 378.58
0 42 30	148 706.64	148 552.50	148 398.28	148 243.98	148 089.59
0 45 00	157 453.93	157 290.72	157 127.42	156 964.04	156 800.58
0 47 30	166 201.18	166 028.90	165 856.54	165 684.08	165 511.54
0 50 00	174 948.41	174 767.06	174 585.62	174 404.09	174 222.46
0 52 30	183 695.60	183 505.19	183 314.68	183 124.06	182 933.35
0 55 00	192 442.76	192 243.28	192 043.69	191 844.00	191 644.22
0 57 30	201 189.89	200 981.34	200 772.68	200 563.91	200 355.04
1 00 00	209 936.98	209 719.36	209 501.63	209 283.78	209 065.83
1 02 30	218 684.03	218 457.34	218 230.54	218 003.62	217 776.58
1 05 00	227 431.04	227 195.28	226 959.41	226 723.41	226 487.29
1 07 30	236 178.01	235 933.19	235 688.24	235 443.16	235 197.96
1 10 00	244 924.94	244 671.05	244 417.02	244 162.87	243 908.58
1 12 30	253 671.83	253 408.86	253 145.77	252 882.53	252 619.16
1 15 00	262 418.67	262 146.63	261 874.46	261 602.15	261 329.70
1 17 30	271 165.46	270 884.35	270 603.11	270 321.71	270 040.18
1 20 00	279 912.20	279 622.02	279 331.71	279 041.24	278 750.62
1 22 30	288 658.89	288 359.65	288 060.26	287 760.70	287 461.01
1 25 00	297 405.53	297 097.21	296 788.75	296 480.12	296 171.34
1 27 30	306 152.11	305 834.73	305 517.19	305 199.48	304 881.62
1 30 00	314 898.65	314 572.19	314 245.58	313 918.79	313 591.84
1 32 30	323 645.12	323 309.60	322 973.90	322 638.04	322 302.00
1 35 00	332 391.53	332 046.94	331 702.18	331 357.23	331 012.11
1 37 30	341 137.88	340 784.22	340 430.38	340 076.36	339 722.15
1 40 00	349 884.18	349 521.45	349 158.53	348 795.42	348 432.13
1 42 30	358 630.41	358 258.61	357 886.62	357 514.43	357 142.05
1 45 00	367 376.58	366 995.70	366 614.64	366 233.37	365 851.91
1 47 30	376 122.67	375 732.73	375 342.58	374 952.24	374 561.70
1 50 00	384 868.71	384 469.69	384 070.47	383 671.04	383 271.41
1 52 30	393 614.67	393 206.58	392 798.28	392 389.78	391 981.06
1 55 00	402 360.55	401 943.39	401 526.02	401 108.43	400 690.63
1 57 30	411 106.37	410 680.14	410 253.69	409 827.02	409 400.14
2 00 00	419 852.11	419 416.81	418 981.29	418 545.53	418 109.56
2 02 30	428 597.78	428 153.41	427 708.80	427 263.97	426 818.91
2 05 00	437 343.37	436 889.92	436 436.24	435 982.33	435 528.18
2 07 30	446 088.88	445 626.36	445 163.60	444 700.60	444 237.37
2 10 00	454 834.31	454 362.72	453 890.88	453 418.80	452 946.48
2 12 30	463 579.66	463 098.99	462 618.08	462 136.91	461 655.50
2 15 00	472 324.92	471 835.18	471 345.19	470 854.94	470 364.45
2 17 30	481 070.10	480 571.28	480 072.22	479 572.89	479 073.30
2 20 00	489 815.19	489 307.30	488 799.15	488 290.74	487 782.07
2 22 30	498 560.20	498 043.23	497 526.00	497 008.50	496 490.74
2 25 00	507 305.11	506 779.07	506 252.76	505 726.18	505 199.33
2 27 30	516 049.93	515 514.81	514 979.43	514 443.76	513 907.82
2 30 00	524 794.65	524 250.46	523 706.00	523 161.25	522 616.22
2 32 30	533 539.28	532 986.02	532 432.47	531 878.63	531 324.52
2 35 00	542 283.82	541 721.48	541 158.85	540 595.93	540 032.72
2 37 30	551 028.26	550 456.84	549 885.13	549 313.12	548 740.83
2 40 00	559 772.60	559 192.10	558 611.31	558 030.22	557 448.83
2 42 30	568 516.83	567 927.26	567 337.39	566 747.21	566 156.74
2 45 00	577 260.97	576 662.32	576 063.37	575 464.10	574 864.53
2 47 30	586 005.00	585 397.27	584 789.23	584 180.88	583 572.23
2 50 00	594 748.92	594 132.11	593 515.00	592 897.56	592 279.81
2 52 30	603 492.73	602 866.85	602 240.65	601 614.12	600 987.28
2 55 00	612 236.44	611 601.48	610 966.20	610 330.58	609 694.65
2 57 30	620 980.03	620 335.99	619 691.62	619 046.92	618 401.90
3 00 00	629 723.51	629 070.40	628 416.95	627 763.15	627 109.03

Second-difference correction to x' for indicated values of h and Δλ

Δλ \ h	0" 150"	15" 135"	30" 120"	45" 105"	60" 90"	75" 75"
0°	0	0	0	0	0	0
1°	0	+.01	+.01	+.02	+.02	+.02
2°	+.01	+.02	+.03	+.03	+.03	+.04
3°	+.01	+.03	+.04	+.05	+.05	+.05

Correction for k is negligible

ALASKA – ZONES 2 TO 9
STATE PLANE COORDINATES IN FEET – Y

Δλ \ φ	55 00 00	55 02 30	55 05 00	55 07 30	55 10 00
0 00 00	365 170.85	380 387.63	395 604.52	410 821.51	426 038.62
0 02 30	365 173.45	380 390.24	395 607.12	410 824.12	426 041.21
0 05 00	365 181.27	380 398.05	395 614.93	410 831.92	426 049.02
0 07 30	365 194.30	380 411.07	395 627.95	410 844.93	426 062.02
0 10 00	365 212.53	380 429.30	395 646.16	410 863.13	426 080.21
0 12 30	365 235.99	380 452.73	395 669.59	410 886.55	426 103.62
0 15 00	365 264.64	380 481.38	395 698.22	410 915.16	426 132.22
0 17 30	365 298.51	380 515.23	395 732.05	410 948.98	426 166.01
0 20 00	365 337.60	380 554.29	395 771.09	410 988.00	426 205.01
0 22 30	365 381.89	380 598.56	395 815.34	411 032.22	426 249.21
0 25 00	365 431.40	380 648.04	395 864.79	411 081.65	426 298.61
0 27 30	365 486.11	380 702.73	395 919.45	411 136.27	426 353.21
0 30 00	365 546.04	380 762.62	395 979.31	411 196.11	426 413.01
0 32 30	365 611.17	380 827.73	396 044.38	411 261.14	426 478.01
0 35 00	365 681.52	380 898.04	396 114.65	411 331.38	426 548.21
0 37 30	365 757.08	380 973.56	396 190.14	411 406.82	426 623.61
0 40 00	365 837.85	381 054.29	396 270.82	411 487.46	426 704.21
0 42 30	365 923.84	381 140.23	396 356.71	411 573.31	426 790.01
0 45 00	366 015.03	381 231.37	396 447.81	411 664.36	426 881.01
0 47 30	366 111.44	381 327.72	396 544.11	411 760.61	426 977.20
0 50 00	366 213.05	381 429.29	396 645.62	411 862.06	427 078.60
0 52 30	366 319.88	381 536.06	396 752.34	411 968.72	427 185.21
0 55 00	366 431.92	381 648.04	396 864.26	412 080.58	427 297.01
0 57 30	366 549.17	381 765.23	396 981.39	412 197.64	427 414.01
1 00 00	366 671.64	381 887.63	397 103.72	412 319.91	427 536.21
1 02 30	366 799.31	382 015.23	397 231.26	412 447.38	427 663.62
1 05 00	366 932.20	382 148.05	397 364.01	412 580.06	427 796.22
1 07 30	367 070.29	382 286.08	397 501.95	412 717.94	427 934.03
1 10 00	367 213.60	382 429.31	397 645.11	412 861.02	428 077.03
1 12 30	367 362.13	382 577.75	397 793.48	413 009.31	428 225.24
1 15 00	367 515.86	382 731.41	397 947.05	413 162.80	428 378.64
1 17 30	367 674.81	382 890.27	398 105.83	413 321.49	428 537.25
1 20 00	367 838.97	383 054.34	398 269.81	413 485.38	428 701.06
1 22 30	368 008.34	383 223.62	398 439.00	413 654.49	428 870.07
1 25 00	368 182.92	383 398.11	398 613.40	413 828.79	429 044.29
1 27 30	368 362.72	383 577.81	398 793.01	414 008.30	429 223.70
1 30 00	368 547.72	383 762.72	398 977.82	414 193.02	429 408.31
1 32 30	368 737.94	383 952.84	399 167.84	414 382.93	429 598.13
1 35 00	368 933.38	384 148.18	399 363.07	414 578.06	429 793.15
1 37 30	369 134.03	384 348.72	399 563.50	414 778.38	429 993.37
1 40 00	369 339.89	384 554.47	399 769.14	414 983.92	430 198.79
1 42 30	369 550.96	384 765.43	399 979.99	415 194.66	430 409.41
1 45 00	369 767.25	384 981.60	400 196.05	415 410.59	430 625.24
1 47 30	369 988.74	385 202.98	400 417.31	415 631.74	430 846.27
1 50 00	370 215.46	385 429.58	400 643.79	415 858.10	431 072.50
1 52 30	370 447.39	385 661.38	400 875.47	416 089.65	431 303.93
1 55 00	370 684.52	385 898.39	401 112.36	416 326.41	431 540.57
1 57 30	370 926.88	386 140.62	401 354.45	416 568.38	431 782.40
2 00 00	371 174.44	386 388.06	401 601.76	416 815.55	432 029.45
2 02 30	371 427.23	386 640.71	401 854.27	417 067.93	432 281.69
2 05 00	371 685.22	386 898.57	402 111.99	417 325.52	432 539.13
2 07 30	371 948.43	387 161.63	402 374.93	417 588.31	432 801.79
2 10 00	372 216.86	387 429.92	402 643.07	417 856.30	433 069.64
2 12 30	372 490.50	387 703.41	402 916.42	418 129.51	433 342.70
2 15 00	372 769.35	387 982.12	403 194.97	418 407.92	433 620.96
2 17 30	373 053.42	388 266.04	403 478.74	418 691.53	433 904.42
2 20 00	373 342.71	388 555.17	403 767.72	418 980.36	434 193.09
2 22 30	373 637.21	388 849.51	404 061.91	419 274.39	434 486.96
2 25 00	373 936.92	389 149.07	404 361.30	419 573.63	434 786.04
2 27 30	374 241.85	389 453.84	404 665.91	419 878.07	435 090.32
2 30 00	374 552.00	389 763.82	404 975.73	420 187.72	435 399.80
2 32 30	374 867.36	390 079.01	405 290.75	420 502.58	435 714.49
2 35 00	375 187.93	390 399.42	405 610.99	420 822.65	436 034.38
2 37 30	375 513.73	390 725.04	405 936.44	421 147.92	436 359.48
2 40 00	375 844.74	391 055.87	406 267.09	421 478.40	436 689.79
2 42 30	376 180.97	391 391.93	406 602.96	421 814.09	437 025.30
2 45 00	376 522.41	391 733.19	406 944.04	422 154.99	437 366.01
2 47 30	376 869.07	392 079.67	407 290.34	422 501.09	437 711.94
2 50 00	377 220.94	392 431.35	407 641.84	422 852.41	438 063.06
2 52 30	377 578.04	392 788.26	407 998.55	423 208.93	438 419.40
2 55 00	377 940.35	393 150.38	408 360.48	423 570.67	438 780.93
2 57 30	378 307.88	393 517.71	408 727.62	423 937.61	439 147.68
3 00 00	378 680.62	393 890.26	409 099.97	424 309.76	439 519.63

Second-difference correction to y for indicated value of k (for all Δλ's)

k	0" 150"	5" 145"	10" 140"	15" 135"	20" 130"	25" 125"	30" 120"	35" 115"	40" 110"	45" 105"	50" 100"	55" 95"	60" 90"	65" 85"	70" 80"	75" 75"
Correction	-.01	-.09	-.17	-.24	-.31	-.37	-.43	-.48	-.52	-.56	-.59	-.61	-.63	-.65	-.66	-.66

Correction for h is negligible

ALASKA – ZONES 2 TO 9
STATE PLANE COORDINATES IN FEET – X'

Δλ \ φ	55 10 00	55 12 30	55 15 00	55 17 30	55 20 00
0 00 00	0.00	0.00	0.00	0.00	0.00
0 02 30	8 711.23	8 702.14	8 693.05	8 683.96	8 674.86
0 05 00	17 422.46	17 404.29	17 386.10	17 367.91	17 349.72
0 07 30	26 133.68	26 106.42	26 079.15	26 051.87	26 024.57
0 10 00	34 844.90	34 808.56	34 772.20	34 735.82	34 699.42
0 12 30	43 556.11	43 510.69	43 465.23	43 419.76	43 374.26
0 15 00	52 267.32	52 212.81	52 158.26	52 103.69	52 049.10
0 17 30	60 978.52	60 914.91	60 851.28	60 787.62	60 723.92
0 20 00	69 689.70	69 617.01	69 544.29	69 471.53	69 398.73
0 22 30	78 400.87	78 319.10	78 237.29	78 155.43	78 073.53
0 25 00	87 112.03	87 021.17	86 930.27	86 839.32	86 748.32
0 27 30	95 823.17	95 723.23	95 623.23	95 523.19	95 423.09
0 30 00	104 534.30	104 425.26	104 316.18	104 207.04	104 097.84
0 32 30	113 245.40	113 127.28	113 009.11	112 890.87	112 772.58
0 35 00	121 956.48	121 829.28	121 702.01	121 574.68	121 447.29
0 37 30	130 667.54	130 531.26	130 394.90	130 258.47	130 121.97
0 40 00	139 378.58	139 233.21	139 087.76	138 942.24	138 796.64
0 42 30	148 089.59	147 935.13	147 780.60	147 625.98	147 471.28
0 45 00	156 800.58	156 637.03	156 473.40	156 309.69	156 145.89
0 47 30	165 511.54	165 338.90	165 166.18	164 993.37	164 820.47
0 50 00	174 222.46	174 040.74	173 858.93	173 677.02	173 495.02
0 52 30	182 933.35	182 742.55	182 551.65	182 360.64	182 169.54
0 55 00	191 644.22	191 444.32	191 244.33	191 044.23	190 844.03
0 57 30	200 355.04	200 146.06	199 936.98	199 727.78	199 518.48
1 00 00	209 065.83	208 847.76	208 629.59	208 411.29	208 192.89
1 02 30	217 776.58	217 549.42	217 322.16	217 094.77	216 867.26
1 05 00	226 487.29	226 251.05	226 014.69	225 778.20	225 541.60
1 07 30	235 197.96	234 952.63	234 707.18	234 461.59	234 215.89
1 10 00	243 908.58	243 654.17	243 399.62	243 144.94	242 890.14
1 12 30	252 619.16	252 355.66	252 092.02	251 828.25	251 564.34
1 15 00	261 329.70	261 057.11	260 784.38	260 511.51	260 238.50
1 17 30	270 040.18	269 758.50	269 476.68	269 194.71	268 912.60
1 20 00	278 750.62	278 459.85	278 168.94	277 877.87	277 586.66
1 22 30	287 461.01	287 161.15	286 861.14	286 560.98	286 260.66
1 25 00	296 171.34	295 862.39	295 553.29	295 244.03	294 934.62
1 27 30	304 881.62	304 563.58	304 245.39	303 927.03	303 608.51
1 30 00	313 591.84	313 264.72	312 937.43	312 609.98	312 282.35
1 32 30	322 302.00	321 965.79	321 629.42	321 292.86	320 956.14
1 35 00	331 012.11	330 666.81	330 321.34	329 975.69	329 629.86
1 37 30	339 722.15	339 367.77	339 013.20	338 658.45	338 303.52
1 40 00	348 432.13	348 068.66	347 705.00	347 341.15	346 977.12
1 42 30	357 142.05	356 769.49	356 396.73	356 023.79	355 650.65
1 45 00	365 851.91	365 470.25	365 088.40	364 706.36	364 324.12
1 47 30	374 561.70	374 170.95	373 780.00	373 388.86	372 997.51
1 50 00	383 271.41	382 871.58	382 471.53	382 071.29	381 670.84
1 52 30	391 981.06	391 572.14	391 163.00	390 753.65	390 344.10
1 55 00	400 690.63	400 272.61	399 854.39	399 435.94	399 017.28
1 57 30	409 400.14	408 973.03	408 545.70	408 118.16	407 690.40
2 00 00	418 109.56	417 673.36	417 236.94	416 800.30	416 363.43
2 02 30	426 818.91	426 373.62	425 928.10	425 482.36	425 036.39
2 05 00	435 528.18	435 073.80	434 619.19	434 164.34	433 709.27
2 07 30	444 837.37	443 773.90	443 310.19	442 846.24	442 382.06
2 10 00	452 946.48	452 473.91	452 001.11	451 528.06	451 054.77
2 12 30	461 655.50	461 173.85	460 691.95	460 209.80	459 727.40
2 15 00	470 364.45	469 873.70	469 382.70	468 891.45	468 399.95
2 17 30	479 073.30	478 573.46	478 073.37	477 573.01	477 072.41
2 20 00	487 782.07	487 273.13	486 763.94	486 254.48	485 744.77
2 22 30	496 490.74	495 972.72	495 454.43	494 935.87	494 417.05
2 25 00	505 199.33	504 672.21	504 144.82	503 617.16	503 089.24
2 27 30	513 907.82	513 371.61	512 835.12	512 298.36	511 761.33
2 30 00	522 616.22	522 070.91	521 525.33	520 979.46	520 433.32
2 32 30	531 324.52	530 770.12	530 215.44	529 660.47	529 105.22
2 35 00	540 032.72	539 469.23	538 905.45	538 341.37	537 777.01
2 37 30	548 740.83	548 168.24	547 595.36	547 022.18	546 448.71
2 40 00	557 448.83	556 867.15	556 285.17	555 702.88	555 120.31
2 42 30	566 156.74	565 565.96	564 974.88	564 383.49	563 791.81
2 45 00	574 864.53	574 264.66	573 664.48	573 063.98	572 463.19
2 47 30	583 572.23	582 963.25	582 353.97	581 744.37	581 134.47
2 50 00	592 279.81	591 661.74	591 043.36	590 424.66	589 805.64
2 52 30	600 987.28	600 360.11	599 732.64	599 104.83	598 476.70
2 55 00	609 694.65	609 058.38	608 421.80	607 784.89	607 147.65
2 57 30	618 401.90	617 756.54	617 110.86	616 464.83	615 818.49
3 00 00	627 109.03	626 454.58	625 799.79	625 144.66	624 489.21

Second-difference correction to x' for indicated values of h and Δλ

Δλ \ h	0" 150"	15" 135"	30" 120"	45" 105"	60" 90"	75" 75"
0°	0	0	0	0	0	0
1°	0	+.01	+.01	+.02	+.02	+.02
2°	+.01	+.02	+.03	+.03	+.03	+.04
3°	+.01	+.03	+.04	+.05	+.05	+.05

Correction for k is negligible

ALASKA – ZONES 2 TO 9
STATE PLANE COORDINATES IN FEET – Y

Δλ \ φ	55 10 00	55 12 30	55 15 00	55 17 30	55 20 00
0 00 00	426 038.62	441 255.82	456 473.13	471 690.55	486 908.08
0 02 30	426 041.21	441 258.42	456 475.73	471 693.14	486 910.67
0 05 00	426 049.02	441 266.22	456 483.52	471 700.93	486 918.46
0 07 30	426 062.02	441 279.21	456 496.50	471 713.91	486 931.43
0 10 00	426 080.21	441 297.40	456 514.69	471 732.08	486 949.59
0 12 30	426 103.62	441 320.79	456 538.06	471 755.44	486 972.94
0 15 00	426 132.22	441 349.37	456 566.63	471 783.99	487 001.47
0 17 30	426 166.01	441 383.15	456 600.39	471 817.74	487 035.20
0 20 00	426 205.01	441 422.13	456 639.35	471 856.67	487 074.11
0 22 30	426 249.21	441 466.31	456 683.50	471 900.80	487 118.22
0 25 00	426 298.61	441 515.68	456 732.85	471 950.12	487 167.51
0 27 30	426 353.21	441 570.25	456 787.38	472 004.63	487 221.99
0 30 00	426 413.01	441 630.02	456 847.12	472 064.34	487 281.66
0 32 30	426 478.01	441 694.98	456 912.05	472 129.23	487 346.52
0 35 00	426 548.21	441 765.14	456 982.17	472 199.31	487 416.56
0 37 30	426 623.61	441 840.50	457 057.49	472 274.59	487 491.80
0 40 00	426 704.21	441 921.06	457 138.00	472 355.06	487 572.23
0 42 30	426 790.01	442 006.81	457 223.71	472 440.72	487 657.84
0 45 00	426 881.01	442 097.76	457 314.61	472 531.57	487 748.64
0 47 30	426 977.20	442 193.91	457 410.71	472 627.62	487 844.63
0 50 00	427 078.60	442 295.25	457 512.00	472 728.85	487 945.82
0 52 30	427 185.21	442 401.80	457 618.49	472 835.28	488 052.19
0 55 00	427 297.01	442 513.54	457 730.17	472 946.91	488 163.75
0 57 30	427 414.01	442 630.48	457 847.04	473 063.72	488 280.50
1 00 00	427 536.21	442 752.62	457 969.12	473 185.72	488 402.44
1 02 30	427 663.62	442 879.95	458 096.38	473 312.92	488 529.56
1 05 00	427 796.22	443 012.48	458 228.84	473 445.31	488 661.88
1 07 30	427 934.03	443 150.21	458 366.50	473 582.89	488 799.39
1 10 00	428 077.03	443 293.14	458 509.35	473 725.66	488 942.08
1 12 30	428 225.24	443 441.27	458 657.40	473 873.63	489 089.97
1 15 00	428 378.64	443 594.59	458 810.64	474 026.79	489 243.04
1 17 30	428 537.25	443 753.12	458 969.08	474 185.14	489 401.30
1 20 00	428 701.06	443 916.84	459 132.71	474 348.68	489 564.76
1 22 30	428 870.07	444 085.76	459 301.54	474 517.42	489 733.41
1 25 00	429 044.29	444 259.88	459 475.56	474 691.35	489 907.24
1 27 30	429 223.70	444 439.19	459 654.78	474 870.47	490 086.27
1 30 00	429 408.31	444 623.71	459 839.20	475 054.79	490 270.48
1 32 30	429 598.13	444 813.42	460 028.81	475 244.30	490 459.89
1 35 00	429 793.15	445 008.34	460 223.62	475 439.00	490 654.48
1 37 30	429 993.37	445 208.45	460 423.62	475 638.89	490 854.27
1 40 00	430 198.79	445 413.76	460 628.82	475 843.98	491 059.24
1 42 30	430 409.41	445 624.27	460 839.22	476 054.26	491 269.41
1 45 00	430 625.24	445 839.98	461 054.81	476 269.74	491 484.77
1 47 30	430 846.27	446 060.89	461 275.60	476 490.41	491 705.32
1 50 00	431 072.50	446 287.00	461 501.59	476 716.27	491 931.06
1 52 30	431 303.93	446 518.30	461 732.77	476 947.33	492 161.99
1 55 00	431 540.57	446 754.81	461 969.15	477 183.58	492 398.12
1 57 30	431 782.40	446 996.52	462 210.73	477 425.03	492 639.43
2 00 00	432 029.45	447 243.43	462 457.50	477 671.67	492 885.93
2 02 30	432 281.69	447 495.54	462 709.47	477 923.50	493 137.63
2 05 00	432 539.13	447 752.84	462 966.64	478 180.54	493 394.52
2 07 30	432 801.79	448 015.35	463 229.01	478 442.76	493 656.60
2 10 00	433 069.64	448 283.06	463 496.57	478 710.18	493 923.87
2 12 30	433 342.70	448 555.97	463 769.33	478 982.79	494 196.34
2 15 00	433 620.96	448 834.08	464 047.30	479 260.60	494 474.00
2 17 30	433 904.42	449 117.40	464 330.45	479 543.60	494 756.83
2 20 00	434 193.09	449 405.91	464 618.81	479 831.80	495 044.89
2 22 30	434 486.96	449 699.62	464 912.36	480 125.20	495 338.12
2 25 00	434 786.04	449 998.54	465 211.12	480 423.79	495 636.55
2 27 30	435 090.32	450 302.65	465 515.07	480 727.58	495 940.17
2 30 00	435 399.80	450 611.97	465 824.22	481 036.56	496 248.99
2 32 30	435 714.49	450 926.49	466 138.57	481 350.74	496 562.99
2 35 00	436 034.38	451 246.21	466 458.12	481 670.11	496 882.20
2 37 30	436 359.48	451 571.14	466 782.87	481 994.68	497 206.59
2 40 00	436 689.79	451 901.26	467 112.82	482 324.45	497 536.18
2 42 30	437 025.30	452 236.59	467 447.96	482 659.42	497 870.96
2 45 00	437 366.01	452 577.12	467 788.31	482 999.58	498 210.93
2 47 30	437 711.94	452 922.86	468 133.85	483 344.94	498 556.10
2 50 00	438 063.06	453 273.79	468 484.60	483 695.49	498 906.47
2 52 30	438 419.40	453 629.94	468 840.55	484 051.25	499 262.03
2 55 00	438 780.93	453 991.28	469 201.70	484 412.20	499 622.78
2 57 30	439 147.68	454 357.83	469 568.05	484 778.35	499 988.73
3 00 00	439 519.63	454 729.58	469 939.60	485 149.69	500 359.87

Second-difference correction to y for indicated value of k (for all Δλ's)

k	0" 150"	5" 145"	10" 140"	15" 135"	20" 130"	25" 125"	30" 120"	35" 115"	40" 110"	45" 105"	50" 100"	55" 95"	60" 90"	65" 85"	70" 80"	75" 75"
Correction	-.01	-.09	-.17	-.24	-.31	-.37	-.43	-.48	-.52	-.56	-.59	-.61	-.63	-.65	-.66	-.66

Correction for h is negligible

ALASKA – ZONES 2 TO 9
STATE PLANE COORDINATES IN FEET – X'

Δλ \ φ	55 20 00	55 22 30	55 25 00	55 27 30	55 30 00
0 00 00	0.00	0.00	0.00	0.00	0.00
0 02 30	8 674.86	8 665.75	8 656.65	8 647.53	8 638.41
0 05 00	17 349.72	17 331.51	17 313.29	17 295.06	17 276.83
0 07 30	26 024.57	25 997.26	25 969.93	25 942.59	25 915.24
0 10 00	34 699.42	34 663.00	34 626.57	34 590.11	34 553.64
0 12 30	43 374.26	43 328.74	43 283.20	43 237.63	43 192.04
0 15 00	52 049.10	51 994.47	51 939.81	51 885.14	51 830.42
0 17 30	60 723.92	60 660.19	60 596.43	60 532.63	60 468.81
0 20 00	69 398.73	69 325.90	69 253.03	69 180.12	69 107.17
0 22 30	78 073.53	77 991.60	77 909.61	77 827.59	77 745.53
0 25 00	86 748.32	86 657.28	86 566.19	86 475.05	86 383.87
0 27 30	95 423.09	95 322.94	95 222.74	95 122.49	95 022.20
0 30 00	104 097.84	103 988.59	103 879.28	103 769.92	103 660.50
0 32 30	112 772.58	112 654.22	112 535.80	112 417.32	112 298.79
0 35 00	121 447.29	121 319.82	121 192.30	121 064.71	120 937.05
0 37 30	130 121.97	129 985.41	129 848.77	129 712.07	129 575.29
0 40 00	138 796.64	138 650.97	138 505.22	138 359.41	138 213.51
0 42 30	147 471.28	147 316.50	147 161.64	147 006.71	146 851.70
0 45 00	156 145.89	155 982.01	155 818.04	155 654.00	155 489.87
0 47 30	164 820.47	164 647.49	164 474.41	164 301.25	164 128.00
0 50 00	173 495.02	173 312.93	173 130.75	172 948.47	172 766.10
0 52 30	182 169.54	181 978.35	181 787.05	181 595.66	181 404.17
0 55 00	190 844.03	190 643.73	190 443.32	190 242.82	190 042.21
0 57 30	199 518.48	199 309.07	199 099.56	198 889.94	198 680.21
1 00 00	208 192.89	207 974.38	207 755.76	207 537.02	207 318.17
1 02 30	216 867.26	216 639.65	216 411.91	216 184.07	215 956.10
1 05 00	225 541.60	225 304.87	225 068.03	224 831.07	224 593.98
1 07 30	234 215.89	233 970.06	233 724.11	233 478.03	233 231.82
1 10 00	242 890.14	242 635.20	242 380.14	242 124.94	241 869.62
1 12 30	251 564.34	251 300.30	251 036.12	250 771.81	250 507.37
1 15 00	260 238.50	259 965.35	259 692.06	259 418.63	259 145.07
1 17 30	268 912.60	268 630.35	268 347.95	268 065.41	267 782.72
1 20 00	277 586.66	277 295.30	277 003.79	276 712.13	276 420.32
1 22 30	286 260.66	285 960.20	285 659.58	285 358.80	285 057.87
1 25 00	294 934.62	294 625.04	294 315.31	294 005.42	293 695.37
1 27 30	303 608.51	303 289.83	302 970.99	302 651.98	302 332.81
1 30 00	312 282.35	311 954.57	311 626.61	311 298.49	310 970.20
1 32 30	320 956.14	320 619.24	320 282.17	319 944.93	319 607.53
1 35 00	329 629.86	329 283.86	328 937.68	328 591.32	328 244.79
1 37 30	338 303.52	337 948.41	337 593.11	337 237.64	336 881.99
1 40 00	346 977.12	346 612.90	346 248.49	345 883.90	345 519.13
1 42 30	355 650.65	355 277.32	354 903.80	354 530.10	354 156.20
1 45 00	364 324.12	363 941.68	363 559.05	363 176.23	362 793.21
1 47 30	372 997.51	372 605.97	372 214.23	371 822.29	371 430.15
1 50 00	381 670.84	381 270.19	380 869.33	380 468.28	380 067.01
1 52 30	390 344.10	389 934.34	389 524.37	389 114.20	388 703.81
1 55 00	399 017.28	398 598.42	398 179.33	397 760.04	397 340.53
1 57 30	407 690.40	407 262.42	406 834.22	406 405.81	405 977.18
2 00 00	416 363.43	415 926.34	415 489.03	415 051.50	414 613.74
2 02 30	425 036.39	424 590.19	424 143.77	423 697.12	423 250.24
2 05 00	433 709.27	433 253.96	432 798.42	432 342.65	431 886.65
2 07 30	442 382.06	441 917.65	441 452.99	440 988.10	440 522.97
2 10 00	451 054.77	450 581.25	450 107.48	449 633.47	449 159.22
2 12 30	459 727.40	459 244.77	458 761.88	458 278.76	457 795.38
2 15 00	468 399.95	467 908.20	467 416.20	466 923.95	466 431.46
2 17 30	477 072.41	476 571.55	476 070.43	475 569.06	475 067.44
2 20 00	485 744.77	485 234.80	484 724.57	484 214.08	483 703.33
2 22 30	494 417.05	493 897.97	493 378.62	492 859.01	492 339.14
2 25 00	503 089.24	502 561.04	502 032.58	501 503.85	500 974.85
2 27 30	511 761.33	511 224.02	510 686.44	510 148.59	509 610.46
2 30 00	520 433.32	519 886.90	519 340.20	518 793.23	518 245.98
2 32 30	529 105.22	528 549.69	527 993.88	527 437.78	526 881.40
2 35 00	537 777.01	537 212.37	536 647.44	536 082.22	535 516.72
2 37 30	546 448.71	545 874.96	545 300.91	544 726.57	544 151.94
2 40 00	555 120.31	554 537.44	553 954.27	553 370.81	552 787.05
2 42 30	563 791.81	563 199.82	562 607.53	562 014.95	561 422.06
2 45 00	572 463.19	571 862.09	571 260.68	570 658.98	570 056.96
2 47 30	581 134.47	580 524.26	579 913.73	579 302.90	578 691.76
2 50 00	589 805.64	589 186.32	588 566.67	587 946.71	587 326.45
2 52 30	598 476.70	597 848.26	597 219.50	596 590.42	595 961.02
2 55 00	607 147.65	606 510.10	605 872.21	605 234.01	604 595.48
2 57 30	615 818.49	615 171.82	614 524.81	613 877.48	613 229.83
3 00 00	624 489.21	623 833.42	623 177.30	622 520.84	621 864.06

Second-difference correction to x' for indicated values of h and Δλ

Δλ \ h	0" 150"	15" 135"	30" 120"	45" 105"	60" 90"	75" 75"
0°	0	0	0	0	0	0
1°	0	+.01	+.01	+.02	+.02	+.02
2°	+.01	+.02	+.03	+.03	+.03	+.04
3°	+.01	+.03	+.04	+.05	+.05	+.05

Correction for k is negligible

ALASKA – ZONES 2 TO 9
STATE PLANE COORDINATES IN FEET – Y

Δλ \ φ	55 20 00	55 22 30	55 25 00	55 27 30	55 30 00
0 00 00	486 908.08	502 125.71	517 343.44	532 561.28	547 779.23
0 02 30	486 910.67	502 128.30	517 346.03	532 563.87	547 781.81
0 05 00	486 918.46	502 136.08	517 353.81	532 571.64	547 789.58
0 07 30	486 931.43	502 149.04	517 366.76	532 584.59	547 802.52
0 10 00	486 949.59	502 167.19	517 384.90	532 602.72	547 820.64
0 12 30	486 972.94	502 190.53	517 408.23	532 626.03	547 843.94
0 15 00	487 001.47	502 219.05	517 436.73	532 654.52	547 872.41
0 17 30	487 035.20	502 252.76	517 470.42	532 688.19	547 906.07
0 20 00	487 074.11	502 291.65	517 509.29	532 727.04	547 944.89
0 22 30	487 118.22	502 335.73	517 553.35	532 771.07	547 988.90
0 25 00	487 167.51	502 384.99	517 602.59	532 820.28	548 038.08
0 27 30	487 221.99	502 439.44	517 657.01	532 874.68	548 092.45
0 30 00	487 281.66	502 499.08	517 716.62	532 934.25	548 151.99
0 32 30	487 346.52	502 563.91	517 781.40	532 999.00	548 216.70
0 35 00	487 416.56	502 633.91	517 851.37	533 068.93	548 286.59
0 37 30	487 491.80	502 709.11	517 926.53	533 144.05	548 361.67
0 40 00	487 572.23	502 789.49	518 006.86	533 224.33	548 441.91
0 42 30	487 657.84	502 875.06	518 092.38	533 309.81	548 527.34
0 45 00	487 748.64	502 965.81	518 183.08	533 400.46	548 617.94
0 47 30	487 844.63	503 061.75	518 278.97	533 496.30	548 713.72
0 50 00	487 945.82	503 162.87	518 380.04	533 597.31	548 814.68
0 52 30	488 052.19	503 269.19	518 486.30	533 703.50	548 920.81
0 55 00	488 163.75	503 380.69	518 597.73	533 814.88	549 032.13
0 57 30	488 280.50	503 497.37	518 714.35	533 931.44	549 148.62
1 00 00	488 402.44	503 619.25	518 836.16	534 053.17	549 270.29
1 02 30	488 529.56	503 746.30	518 963.15	534 180.09	549 397.14
1 05 00	488 661.88	503 878.55	519 095.32	534 312.19	549 529.16
1 07 30	488 799.39	504 015.97	519 232.67	534 449.47	549 666.36
1 10 00	488 942.08	504 158.59	519 375.21	534 591.93	549 808.75
1 12 30	489 089.97	504 306.40	519 522.93	534 739.57	549 956.31
1 15 00	489 243.04	504 459.39	519 675.84	534 892.39	550 109.04
1 17 30	489 401.30	504 617.57	519 833.93	535 050.40	550 266.96
1 20 00	489 564.76	504 780.93	519 997.21	535 213.58	550 430.06
1 22 30	489 733.41	504 949.49	520 165.67	535 381.95	550 598.33
1 25 00	489 907.24	505 123.23	520 339.31	535 555.50	550 771.78
1 27 30	490 086.27	505 302.15	520 518.14	535 734.23	550 950.41
1 30 00	490 270.48	505 486.27	520 702.15	535 918.14	551 134.22
1 32 30	490 459.89	505 675.57	520 891.35	536 107.23	551 383.21
1 35 00	490 654.48	505 870.06	521 085.73	536 301.51	551 517.38
1 37 30	490 854.27	506 069.74	521 285.30	536 500.96	551 716.72
1 40 00	491 059.24	506 274.60	521 490.05	536 705.60	551 921.25
1 42 30	491 269.41	506 484.65	521 699.99	536 915.42	552 130.95
1 45 00	491 484.77	506 699.89	521 915.11	537 130.43	552 345.83
1 47 30	491 705.32	506 920.32	522 135.42	537 350.61	552 565.90
1 50 00	491 931.06	507 145.94	522 360.91	537 575.98	552 791.14
1 52 30	492 161.99	507 376.74	522 591.59	537 806.53	553 021.56
1 55 00	492 398.12	507 612.73	522 827.45	538 042.26	553 257.16
1 57 30	492 639.43	507 853.92	523 068.50	538 283.18	553 497.95
2 00 00	492 885.93	508 100.29	523 314.74	538 529.28	553 743.91
2 02 30	493 137.63	508 351.84	523 566.16	538 780.56	553 995.05
2 05 00	493 394.52	508 608.60	523 822.76	539 037.02	554 251.38
2 07 30	493 656.60	508 870.53	524 084.56	539 298.67	554 512.87
2 10 00	493 923.87	509 137.66	524 351.54	539 565.50	554 779.56
2 12 30	494 196.34	509 409.97	524 623.70	539 837.52	555 051.48
2 15 00	494 474.00	509 687.48	524 901.05	540 114.72	555 328.47
2 17 30	494 756.85	509 970.17	525 183.59	540 397.10	555 610.69
2 20 00	495 044.89	510 258.06	525 471.32	540 684.66	555 898.10
2 22 30	495 338.12	510 551.13	525 764.23	540 977.42	556 190.69
2 25 00	495 636.55	510 849.39	526 062.33	541 275.35	556 488.46
2 27 30	495 940.17	511 152.85	526 365.62	541 578.47	556 791.41
2 30 00	496 248.99	511 461.49	526 674.09	541 886.77	557 099.54
2 32 30	496 562.99	511 775.33	526 987.75	542 200.26	557 412.85
2 35 00	496 882.20	512 094.35	527 306.60	542 518.93	557 731.35
2 37 30	497 206.59	512 418.57	527 630.64	542 842.79	558 055.03
2 40 00	497 536.18	512 747.98	527 959.87	543 171.83	558 383.89
2 42 30	497 870.96	513 082.57	528 294.28	543 506.06	558 717.93
2 45 00	498 210.93	513 422.36	528 633.88	543 845.48	559 057.16
2 47 30	498 556.10	513 767.35	528 978.67	544 190.08	559 401.56
2 50 00	498 906.47	514 117.52	529 328.65	544 539.86	559 751.15
2 52 30	499 262.03	514 472.88	529 683.82	544 894.83	560 105.93
2 55 00	499 622.78	514 833.44	530 044.18	545 254.99	560 465.89
2 57 30	499 988.73	515 199.19	530 409.72	545 620.33	560 831.02
3 00 00	500 359.87	515 570.12	530 780.45	545 990.86	561 201.35

Second-difference correction to y for indicated value of k (for all Δλ's)

k	0" 150"	5" 145"	10" 140"	15" 135"	20" 130"	25" 125"	30" 120"	35" 115"	40" 110"	45" 105"	50" 100"	55" 95"	60" 90"	65" 85"	70" 80"	75" 75"
Correction	-.01	-.09	-.17	-.24	-.31	-.37	-.43	-.48	-.52	-.56	-.59	-.61	-.63	-.65	-.66	-.66

Correction for h is negligible

ALASKA – ZONES 2 TO 9
STATE PLANE COORDINATES IN FEET – X'

Δλ \ φ	55 30 00	55 32 30	55 35 00	55 37 30	55 40 00
0 00 00	0.00	0.00	0.00	0.00	0.00
0 02 30	8 638.41	8 629.29	8 620.16	8 611.03	8 601.90
0 05 00	17 276.83	17 258.58	17 240.32	17 222.06	17 203.79
0 07 30	25 915.24	25 887.87	25 860.49	25 833.09	25 805.68
0 10 00	34 553.64	34 517.15	34 480.64	34 444.11	34 407.57
0 12 30	43 192.04	43 146.42	43 100.79	43 055.13	43 009.44
0 15 00	51 830.42	51 775.69	51 720.92	51 666.13	51 611.31
0 17 30	60 468.81	60 404.94	60 341.05	60 277.13	60 213.17
0 20 00	69 107.17	69 034.19	68 961.17	68 888.11	68 815.02
0 22 30	77 745.53	77 663.42	77 581.28	77 499.09	77 416.86
0 25 00	86 383.87	86 292.64	86 201.37	86 110.04	86 018.68
0 27 30	95 022.20	94 921.84	94 821.44	94 720.99	94 620.48
0 30 00	103 660.50	103 551.02	103 441.50	103 331.91	103 222.27
0 32 30	112 298.79	112 180.19	112 061.53	111 942.81	111 824.03
0 35 00	120 937.05	120 809.33	120 681.54	120 553.69	120 425.78
0 37 30	129 575.29	129 438.45	129 301.53	129 164.55	129 027.50
0 40 00	138 213.51	138 067.54	137 921.50	137 775.39	137 629.20
0 42 30	146 851.70	146 696.61	146 541.44	146 386.19	146 230.87
0 45 00	155 489.87	155 325.65	155 161.35	154 996.97	154 832.51
0 47 30	164 128.00	163 954.66	163 781.24	163 607.72	163 434.12
0 50 00	172 766.10	172 583.64	172 401.09	172 218.44	172 035.70
0 52 30	181 404.17	181 212.59	181 020.91	180 829.13	180 637.25
0 55 00	190 042.21	189 841.50	189 640.69	189 439.78	189 238.77
0 57 30	198 680.21	198 470.38	198 260.44	198 050.39	197 840.24
1 00 00	207 318.17	207 099.22	206 880.15	206 660.97	206 441.68
1 02 30	215 956.10	215 728.02	215 499.82	215 271.51	215 043.08
1 05 00	224 593.98	224 356.78	224 119.45	223 882.00	223 644.44
1 07 30	233 231.82	232 985.49	232 739.04	232 492.46	232 245.75
1 10 00	241 869.62	241 614.16	241 358.58	241 102.87	240 847.02
1 12 30	250 507.37	250 242.79	249 978.07	249 713.23	249 448.25
1 15 00	259 145.07	258 871.37	258 597.52	258 323.55	258 049.42
1 17 30	267 782.72	267 499.89	267 216.92	266 933.81	266 650.55
1 20 00	276 420.32	276 128.37	275 836.27	275 544.02	275 251.62
1 22 30	285 057.87	284 756.80	284 455.57	284 154.19	283 852.65
1 25 00	293 695.37	293 385.17	293 074.81	292 764.29	292 453.61
1 27 30	302 332.81	302 013.48	301 694.00	301 374.34	301 054.53
1 30 00	310 970.20	310 641.74	310 313.12	309 984.34	309 655.38
1 32 30	319 607.53	319 269.94	318 932.19	318 594.27	318 256.18
1 35 00	328 244.79	327 898.08	327 551.20	327 204.15	326 856.91
1 37 30	336 881.99	336 526.16	336 170.14	335 813.95	335 457.58
1 40 00	345 519.13	345 154.17	344 789.03	344 423.70	344 058.19
1 42 30	354 156.20	353 782.12	353 407.84	353 033.38	352 658.73
1 45 00	362 793.21	362 410.00	362 026.59	361 642.99	361 259.20
1 47 30	371 430.15	371 037.81	370 645.27	370 252.53	369 859.60
1 50 00	380 067.01	379 665.55	379 263.88	378 862.01	378 459.93
1 52 30	388 703.81	388 293.22	387 882.42	387 471.41	387 060.19
1 55 00	397 340.53	396 920.81	396 500.87	396 080.73	395 660.37
1 57 30	405 977.18	405 548.33	405 119.26	404 689.98	404 260.48
2 00 00	414 613.74	414 175.77	413 737.57	413 299.15	412 860.51
2 02 30	423 250.24	422 803.13	422 355.80	421 908.24	421 460.46
2 05 00	431 886.65	431 430.41	430 973.95	430 517.26	430 060.33
2 07 30	440 522.97	440 057.61	439 592.02	439 126.19	438 660.12
2 10 00	449 159.22	448 684.73	448 210.00	447 735.03	447 259.82
2 12 30	457 795.38	457 311.76	456 827.90	456 343.79	455 859.44
2 15 00	466 431.46	465 938.71	465 445.71	464 952.46	464 458.97
2 17 30	475 067.44	474 565.56	474 063.43	473 561.05	473 058.41
2 20 00	483 703.33	483 192.32	482 681.06	482 169.54	481 657.75
2 22 30	492 339.14	491 819.00	491 298.60	490 777.94	490 257.01
2 25 00	500 974.85	500 445.58	499 916.04	499 386.25	498 856.17
2 27 30	509 610.46	509 072.06	508 533.39	507 994.45	507 455.24
2 30 00	518 245.98	517 698.45	517 150.65	516 602.57	516 054.21
2 32 30	526 881.40	526 324.74	525 767.80	525 210.58	524 653.07
2 35 00	535 516.72	534 950.93	534 384.85	533 818.49	533 251.84
2 37 30	544 151.94	543 577.01	543 001.80	542 426.30	541 850.51
2 40 00	552 787.05	552 203.00	551 618.65	551 034.01	550 449.07
2 42 30	561 422.06	560 828.88	560 235.39	559 641.61	559 047.52
2 45 00	570 056.96	569 454.65	568 852.02	568 249.10	567 645.86
2 47 30	578 691.76	578 080.31	577 468.54	576 856.48	576 244.10
2 50 00	587 326.45	586 705.86	586 084.96	585 463.75	584 842.23
2 52 30	595 961.02	595 331.30	594 701.27	594 070.91	593 440.24
2 55 00	604 595.48	603 956.63	603 317.45	602 677.96	602 038.14
2 57 30	613 229.83	612 581.84	611 933.53	611 284.89	610 635.92
3 00 00	621 864.06	621 206.94	620 549.48	619 891.71	619 233.59

Second-difference correction to x' for indicated values of h and Δλ

Δλ \ h	0" 150"	15" 135"	30" 120"	45" 105"	60" 90"	75" 75"
0°	0	0	0	0	0	0
1°	0	+.01	+.01	+.02	+.02	+.02
2°	+.01	+.02	+.03	+.03	+.03	+.04
3°	+.01	+.03	+.04	+.05	+.05	+.05

Correction for k is negligible

ALASKA – ZONES 2 TO 9
STATE PLANE COORDINATES IN FEET – Y

Δλ \ φ	55 30 00	55 32 30	55 35 00	55 37 30	55 40 00
0 00 00	547 779.23	562 997.28	578 215.43	593 433.69	608 652.06
0 02 30	547 781.81	562 999.86	578 218.02	593 436.28	608 654.65
0 05 00	547 789.58	563 007.62	578 225.77	593 444.03	608 662.39
0 07 30	547 802.52	563 020.56	578 238.70	593 456.95	608 675.31
0 10 00	547 820.64	563 038.67	578 256.80	593 475.04	608 693.39
0 12 30	547 843.94	563 061.95	578 280.07	593 498.30	608 716.63
0 15 00	547 872.41	563 090.41	578 308.52	593 526.73	608 745.05
0 17 30	547 906.07	563 124.05	578 342.13	593 560.32	608 778.62
0 20 00	547 944.89	563 162.85	578 380.92	593 599.09	608 817.36
0 22 30	547 988.90	563 206.84	578 424.87	593 643.02	608 861.27
0 25 00	548 038.08	563 255.99	578 474.00	593 692.12	608 910.34
0 27 30	548 092.45	563 310.32	578 528.30	593 746.39	608 964.58
0 30 00	548 151.99	563 369.83	578 587.78	593 805.83	609 023.99
0 32 30	548 216.70	563 434.51	578 652.42	593 870.44	609 088.56
0 35 00	548 286.59	563 504.36	578 722.23	593 940.21	609 158.29
0 37 30	548 361.67	563 579.39	578 797.22	594 015.16	609 233.20
0 40 00	548 441.91	563 659.59	578 877.38	594 095.27	609 313.27
0 42 30	548 527.34	563 744.97	578 962.71	594 180.55	609 398.50
0 45 00	548 617.94	563 835.52	579 053.21	594 271.00	609 488.90
0 47 30	548 713.72	563 931.25	579 148.88	594 366.62	609 584.46
0 50 00	548 814.68	564 032.15	579 249.73	594 467.41	609 685.20
0 52 30	548 920.81	564 138.23	579 355.75	594 573.37	609 791.09
0 55 00	549 032.13	564 249.48	579 466.94	594 684.50	609 902.16
0 57 30	549 148.62	564 365.91	579 583.30	594 800.79	610 018.39
1 00 00	549 270.29	564 487.51	579 704.83	594 922.26	610 139.79
1 02 30	549 397.14	564 614.29	579 831.54	595 048.89	610 266.35
1 05 00	549 529.16	564 746.24	579 963.42	595 180.70	610 398.08
1 07 30	549 666.36	564 883.36	580 100.47	595 317.67	610 534.98
1 10 00	549 808.75	565 025.67	580 242.69	595 459.81	610 677.04
1 12 30	549 956.31	565 173.14	580 390.08	595 607.13	610 824.26
1 15 00	550 109.04	565 325.80	580 542.65	595 759.61	610 976.66
1 17 30	550 266.96	565 483.63	580 700.39	595 917.26	611 134.22
1 20 00	550 430.06	565 646.63	580 863.30	596 080.08	611 296.95
1 22 30	550 598.33	565 814.81	581 031.39	596 248.07	611 464.85
1 25 00	550 771.78	565 988.17	581 204.65	596 421.23	611 637.91
1 27 30	550 950.41	566 166.70	581 383.08	596 599.56	611 816.14
1 30 00	551 134.22	566 350.40	581 566.68	596 783.06	611 999.54
1 32 30	551 323.21	566 539.28	581 755.46	596 971.73	612 188.10
1 35 00	551 517.38	566 733.34	581 949.41	597 165.57	612 381.83
1 37 30	551 716.72	566 932.58	582 148.53	597 364.58	612 580.73
1 40 00	551 921.25	567 136.99	582 352.83	597 568.77	612 784.80
1 42 30	552 130.95	567 346.58	582 562.30	597 778.12	612 994.03
1 45 00	552 345.83	567 561.34	582 776.94	597 992.64	613 208.44
1 47 30	552 565.90	567 781.28	582 996.76	598 212.33	613 428.01
1 50 00	552 791.14	568 006.40	583 221.75	598 437.20	613 652.74
1 52 30	553 021.56	568 236.69	583 451.91	598 667.23	613 882.64
1 55 00	553 257.16	568 472.16	583 687.25	598 902.44	614 117.72
1 57 30	553 497.95	568 712.81	583 927.76	599 142.82	614 357.96
2 00 00	553 743.91	568 958.64	584 173.45	599 388.36	614 603.37
2 02 30	553 995.05	569 209.64	584 424.31	599 639.09	614 853.95
2 05 00	554 251.38	569 465.81	584 680.35	599 894.97	615 109.69
2 07 30	554 512.87	569 727.17	584 941.56	600 156.04	615 370.61
2 10 00	554 779.56	569 993.71	585 207.94	600 422.27	615 636.70
2 12 30	555 051.42	570 265.42	585 479.50	600 693.68	615 907.95
2 15 00	555 328.47	570 542.31	585 756.24	600 970.26	616 184.37
2 17 30	555 610.69	570 824.38	586 038.15	601 252.01	616 465.96
2 20 00	555 898.10	571 111.62	586 325.23	601 538.94	616 752.72
2 22 30	556 190.69	571 404.05	586 617.49	601 831.03	617 044.65
2 25 00	556 488.46	571 701.65	586 914.93	602 128.30	617 341.75
2 27 30	556 791.41	572 004.43	587 217.54	602 430.74	617 644.03
2 30 00	557 099.54	572 312.39	587 525.33	602 738.35	617 951.46
2 32 30	557 412.85	572 625.53	587 838.29	603 051.14	618 264.08
2 35 00	557 731.35	572 943.85	588 156.43	603 369.10	618 581.86
2 37 30	558 055.03	573 267.34	588 479.75	603 692.23	618 904.81
2 40 00	558 383.89	573 596.02	588 808.24	604 020.54	619 232.93
2 42 30	558 717.93	573 929.88	589 141.91	604 354.02	619 566.22
2 45 00	559 057.16	574 268.91	589 480.75	604 692.68	619 904.68
2 47 30	559 401.56	574 613.13	589 824.78	605 036.51	620 248.32
2 50 00	559 751.15	574 962.52	590 173.97	605 385.51	620 597.12
2 52 30	560 105.93	575 317.10	590 528.35	605 739.69	620 951.10
2 55 00	560 465.89	575 676.85	590 887.90	606 099.04	621 310.25
2 57 30	560 831.02	576 041.79	591 252.64	606 463.56	621 674.57
3 00 00	561 201.35	576 411.90	591 622.54	606 833.26	622 044.05

Second-difference correction to y for indicated value of k (for all Δλ's)

k	0" 150"	5" 145"	10" 140"	15" 135"	20" 130"	25" 125"	30" 120"	35" 115"	40" 110"	45" 105"	50" 100"	55" 95"	60" 90"	65" 85"	70" 80"	75" 75"
Correction	-.01	-.09	-.17	-.24	-.31	-.37	-.42	-.47	-.51	-.55	-.58	-.61	-.63	-.64	-.65	-.65

Correction for h is negligible

ALASKA – ZONES 2 TO 9
STATE PLANE COORDINATES IN FEET – X'

Δλ \ φ	55 40 00	55 42 30	55 45 00	55 47 30	55 50 00
0 00 00	0.00	0.00	0.00	0.00	0.00
0 02 30	8 601.90	8 592.76	8 583.61	8 574.46	8 565.30
0 05 00	17 203.79	17 185.50	17 167.21	17 148.91	17 130.60
0 07 30	25 805.68	25 778.26	25 750.82	25 723.37	25 695.90
0 10 00	34 407.57	34 371.00	34 334.42	34 297.82	34 261.19
0 12 30	43 009.44	42 963.73	42 918.00	42 872.25	42 826.48
0 15 00	51 611.31	51 556.47	51 501.59	51 446.69	51 391.76
0 17 30	60 213.17	60 149.18	60 085.16	60 021.11	59 957.03
0 20 00	68 815.02	68 741.89	68 668.72	68 595.52	68 522.28
0 22 30	77 416.86	77 334.59	77 252.27	77 169.92	77 087.52
0 25 00	86 018.68	85 927.27	85 835.81	85 744.30	85 652.75
0 27 30	94 620.48	94 519.93	94 419.32	94 318.67	94 217.96
0 30 00	103 222.27	103 112.57	103 002.82	102 893.02	102 783.15
0 32 30	111 824.03	111 705.20	111 586.30	111 467.34	111 348.33
0 35 00	120 425.78	120 297.80	120 169.76	120 041.65	119 913.47
0 37 30	129 027.50	128 890.38	128 753.19	128 615.93	128 478.60
0 40 00	137 629.20	137 482.93	137 336.60	137 190.19	137 043.71
0 42 30	146 230.87	146 075.47	145 919.98	145 764.42	145 608.78
0 45 00	154 832.51	154 667.96	154 503.33	154 338.62	154 173.83
0 47 30	163 434.12	163 260.43	163 086.66	162 912.79	162 738.84
0 50 00	172 035.70	171 852.87	171 669.95	171 486.93	171 303.83
0 52 30	180 637.25	180 445.28	180 253.21	180 061.04	179 868.78
0 55 00	189 238.77	189 037.65	188 836.43	188 635.11	188 433.70
0 57 30	197 840.24	197 629.99	197 419.62	197 209.15	196 998.58
1 00 00	206 441.68	206 222.28	206 002.77	205 783.15	205 563.42
1 02 30	215 043.08	214 814.54	214 585.88	214 357.11	214 128.22
1 05 00	223 644.44	223 406.75	223 168.95	222 931.02	222 692.99
1 07 30	232 245.75	231 998.93	231 751.98	231 504.90	231 257.70
1 10 00	240 847.02	240 591.05	240 334.96	240 078.73	239 822.37
1 12 30	249 448.25	249 183.14	248 917.89	248 652.51	248 387.00
1 15 00	258 049.42	257 775.17	257 500.77	257 226.24	256 951.57
1 17 30	266 650.55	266 367.15	266 083.61	265 799.92	265 516.10
1 20 00	275 251.62	274 959.08	274 666.39	274 373.55	274 080.57
1 22 30	283 852.65	283 550.96	283 249.12	282 947.13	282 644.99
1 25 00	292 453.61	292 142.79	291 831.80	291 520.66	291 209.36
1 27 30	301 054.53	300 734.56	300 414.42	300 094.12	299 773.67
1 30 00	309 655.38	309 326.26	308 996.98	308 667.53	308 337.92
1 32 30	318 256.18	317 917.91	317 579.48	317 240.88	316 902.11
1 35 00	326 856.91	326 509.50	326 161.92	325 814.17	325 466.24
1 37 30	335 457.58	335 101.03	334 744.30	334 387.39	334 030.30
1 40 00	344 058.19	343 692.49	343 326.61	342 960.55	342 594.30
1 42 30	352 658.73	352 283.89	351 908.86	351 533.64	351 158.23
1 45 00	361 259.20	360 875.22	360 491.03	360 106.66	359 722.10
1 47 30	369 859.60	369 466.47	369 073.14	368 679.61	368 285.89
1 50 00	378 459.93	378 057.66	377 655.18	377 252.49	376 849.61
1 52 30	387 060.19	386 648.77	386 237.14	385 825.30	385 413.27
1 55 00	395 660.37	395 239.81	394 819.03	394 398.03	393 976.84
1 57 30	404 260.48	403 830.77	403 400.84	402 970.69	402 540.34
2 00 00	412 860.51	412 421.65	411 982.57	411 543.27	411 103.75
2 02 30	421 460.46	421 012.46	420 564.22	420 115.77	419 667.09
2 05 00	430 060.33	429 603.18	429 145.80	428 688.18	428 230.35
2 07 30	438 660.12	438 193.82	437 727.29	437 260.52	436 793.52
2 10 00	447 259.82	446 784.38	446 308.69	445 832.76	445 356.61
2 12 30	455 859.44	455 374.84	454 890.01	454 404.92	453 919.61
2 15 00	464 458.97	463 965.23	463 471.24	462 977.00	462 482.52
2 17 30	473 058.41	472 555.52	472 052.38	471 548.98	471 045.34
2 20 00	481 657.75	481 145.72	480 633.42	480 120.87	479 608.07
2 22 30	490 257.01	489 735.83	489 214.38	488 692.67	488 170.70
2 25 00	498 856.17	498 325.84	497 795.24	497 264.37	496 733.24
2 27 30	507 455.24	506 915.75	506 376.00	505 835.98	505 295.69
2 30 00	516 054.21	515 505.58	514 956.67	514 407.48	513 858.03
2 32 30	524 653.07	524 095.29	523 537.23	522 978.89	522 420.27
2 35 00	533 251.84	532 684.91	532 117.70	531 550.20	530 982.42
2 37 30	541 850.51	541 274.43	540 698.05	540 121.40	539 544.45
2 40 00	550 449.07	549 863.84	549 278.31	548 692.50	548 106.39
2 42 30	559 047.52	558 453.14	557 858.46	557 263.48	556 668.21
2 45 00	567 645.86	567 042.33	566 438.50	565 834.36	565 229.93
2 47 30	576 244.10	575 631.42	575 018.43	574 405.13	573 791.54
2 50 00	584 842.23	584 220.40	583 598.25	582 975.79	582 353.03
2 52 30	593 440.24	592 809.26	592 177.96	591 546.34	590 914.41
2 55 00	602 038.14	601 398.01	600 757.55	600 116.77	599 475.67
2 57 30	610 635.92	609 986.63	609 337.02	608 687.09	608 036.82
3 00 00	619 233.59	618 575.15	617 916.37	617 257.27	616 597.84

Second-difference correction to x' for indicated values of h and Δλ

Δλ \ h	0" 150"	15" 135"	30" 120"	45" 105"	60" 90"	75" 75"
0°	0	0	0	0	0	0
1°	0	+.01	+.01	+.02	+.02	+.02
2°	+.01	+.02	+.03	+.03	+.03	+.04
3°	+.01	+.03	+.04	+.05	+.05	+.05

Correction for k is negligible

ALASKA – ZONES 2 TO 9
STATE PLANE COORDINATES IN FEET – Y

Δλ \ φ	55 40 00	55 42 30	55 45 00	55 47 30	55 50 00
0 00 00	608 652.06	623 870.54	639 089.12	654 307.80	669 526.58
0 02 30	608 654.65	623 873.12	639 091.69	654 310.37	669 529.16
0 05 00	608 662.39	623 880.86	639 099.43	654 318.11	669 536.89
0 07 30	608 675.31	623 893.77	639 112.33	654 331.00	669 549.77
0 10 00	608 693.39	623 911.84	639 130.39	654 349.05	669 567.81
0 12 30	608 716.63	623 935.07	639 153.61	654 372.25	669 591.00
0 15 00	608 745.05	623 963.46	639 181.99	654 400.62	669 619.35
0 17 30	608 778.62	623 997.02	639 215.53	654 434.14	669 652.85
0 20 00	608 817.36	624 035.74	639 254.23	654 472.81	669 691.50
0 22 30	608 861.27	624 079.62	639 298.08	654 516.64	669 735.31
0 25 00	608 910.34	624 128.67	639 347.10	654 565.63	669 784.27
0 27 30	608 964.58	624 182.88	639 401.28	654 619.78	669 838.38
0 30 00	609 023.99	624 242.25	639 460.62	654 679.09	669 897.66
0 32 30	609 088.56	624 306.79	639 525.12	654 743.55	669 962.08
0 35 00	609 158.29	624 376.48	639 594.77	654 813.16	670 031.66
0 37 30	609 233.20	624 451.34	639 669.59	654 887.94	670 106.39
0 40 00	609 313.27	624 531.36	639 749.57	654 967.87	670 186.27
0 42 30	609 398.50	624 616.55	639 834.70	655 052.96	670 271.32
0 45 00	609 488.90	624 706.90	639 925.00	655 143.20	670 361.51
0 47 30	609 584.46	624 802.41	640 020.46	655 238.60	670 456.86
0 50 00	609 685.20	624 903.08	640 121.08	655 339.16	670 557.36
0 52 30	609 791.09	625 008.92	640 226.85	655 444.88	670 663.02
0 55 00	609 902.16	625 119.92	640 337.79	655 555.76	670 773.83
0 57 30	610 018.39	625 236.09	640 453.89	655 671.79	670 889.79
1 00 00	610 139.79	625 357.41	640 575.15	655 792.98	671 010.91
1 02 30	610 266.35	625 483.91	640 701.57	655 919.32	671 137.18
1 05 00	610 398.08	625 615.56	640 833.15	656 050.83	671 268.61
1 07 30	610 534.98	625 752.38	640 969.89	656 187.49	671 405.20
1 10 00	610 677.04	625 894.36	641 111.79	656 329.31	671 546.93
1 12 30	610 824.26	626 041.51	641 258.85	656 476.29	671 693.83
1 15 00	610 976.66	626 193.82	641 411.07	656 628.42	671 845.88
1 17 30	611 134.22	626 351.29	641 568.45	656 785.72	672 003.08
1 20 00	611 296.95	626 513.93	641 731.00	656 948.17	672 165.44
1 22 30	611 464.85	626 681.73	641 898.70	657 115.78	672 332.95
1 25 00	611 637.91	626 854.69	642 071.57	657 288.54	672 505.62
1 27 30	611 816.14	627 032.82	642 249.60	657 466.47	672 683.44
1 30 00	611 999.54	627 216.11	642 432.79	657 649.55	672 866.42
1 32 30	612 188.10	627 404.57	642 621.14	657 837.80	673 054.55
1 35 00	612 381.83	627 598.19	642 814.65	658 031.20	673 247.84
1 37 30	612 580.73	627 796.98	643 013.32	658 229.75	673 446.29
1 40 00	612 784.80	628 000.93	643 217.15	658 433.47	673 649.89
1 42 30	612 994.03	628 210.04	643 426.15	658 642.35	673 858.65
1 45 00	613 208.44	628 424.32	643 640.31	658 856.38	674 072.56
1 47 30	613 428.01	628 643.77	643 859.62	659 075.58	674 291.62
1 50 00	613 652.74	628 868.38	644 084.11	659 299.93	674 515.85
1 52 30	613 882.64	629 098.15	644 313.75	659 529.44	674 745.23
1 55 00	614 117.72	629 333.09	644 548.56	659 764.12	674 979.77
1 57 30	614 357.96	629 573.20	644 788.53	660 003.95	675 219.46
2 00 00	614 603.37	629 818.47	645 033.66	660 248.94	675 464.31
2 02 30	614 853.95	630 068.90	645 283.95	660 499.09	675 714.31
2 05 00	615 109.69	630 324.50	645 539.41	660 754.40	675 969.48
2 07 30	615 370.61	630 585.27	645 800.03	661 014.87	676 229.80
2 10 00	615 636.70	630 851.21	646 065.81	661 280.49	676 495.27
2 12 30	615 907.95	631 122.31	646 336.75	661 551.29	676 765.91
2 15 00	616 184.37	631 398.57	646 612.86	661 827.24	677 041.70
2 17 30	616 465.96	631 680.00	646 894.13	662 108.34	677 322.65
2 20 00	616 752.72	631 966.60	647 180.57	662 394.62	677 608.76
2 22 30	617 044.65	632 258.37	647 472.17	662 686.05	677 900.02
2 25 00	617 341.75	632 555.30	647 768.93	662 982.64	678 196.44
2 27 30	617 644.03	632 857.40	648 070.86	663 284.39	678 498.02
2 30 00	617 951.46	633 164.66	648 377.94	663 591.31	678 804.76
2 32 30	618 264.08	633 477.10	648 690.20	663 903.38	679 116.65
2 35 00	618 581.86	633 794.70	649 007.62	664 220.62	679 433.71
2 37 30	618 904.81	634 117.47	649 330.20	664 543.02	679 755.92
2 40 00	619 232.93	634 445.40	649 657.95	664 870.58	680 083.29
2 42 30	619 566.22	634 778.50	649 990.86	665 203.30	680 415.82
2 45 00	619 904.68	635 116.77	650 328.94	665 541.18	680 753.51
2 47 30	620 248.32	635 460.21	650 672.18	665 884.23	681 096.36
2 50 00	620 597.12	635 808.82	651 020.59	666 232.43	681 444.37
2 52 30	620 951.10	636 162.59	651 374.16	666 585.81	681 797.53
2 55 00	621 310.25	636 521.54	651 732.90	666 944.34	682 155.86
2 57 30	621 674.57	636 885.65	652 096.81	667 308.04	682 519.35
3 00 00	622 044.05	637 254.93	652 465.87	667 676.89	682 887.99

Second-difference correction to y for indicated value of k (for all Δλ's)

k	0" 150"	5" 145"	10" 140"	15" 135"	20" 130"	25" 125"	30" 120"	35" 115"	40" 110"	45" 105"	50" 100"	55" 95"	60" 90"	65" 85"	70" 80"	75" 75"
Correction	-.01	-.09	-.17	-.24	-.31	-.37	-.42	-.47	-.51	-.55	-.58	-.61	-.63	-.64	-.65	-.65

Correction for h is negligible

ALASKA – ZONES 2 TO 9
STATE PLANE COORDINATES IN FEET – X'

Δλ \ φ	55 50 00	55 52 30	55 55 00	55 57 30	56 00 00
0 00 00	0.00	0.00	0.00	0.00	0.00
0 02 30	8 565.30	8 556.14	8 546.98	8 537.81	8 528.64
0 05 00	17 130.60	17 112.28	17 093.96	17 075.62	17 057.27
0 07 30	25 695.90	25 668.42	25 640.93	25 613.42	25 585.90
0 10 00	34 261.19	34 224.56	34 187.90	34 151.22	34 114.53
0 12 30	42 826.48	42 780.68	42 734.86	42 689.02	42 643.15
0 15 00	51 391.76	51 336.80	51 281.82	51 226.80	51 171.76
0 17 30	59 957.03	59 892.91	59 828.76	59 764.58	59 700.36
0 20 00	68 522.28	68 449.00	68 375.69	68 302.34	68 228.95
0 22 30	77 087.52	77 005.09	76 922.61	76 840.09	76 757.53
0 25 00	85 652.75	85 561.15	85 469.51	85 377.82	85 286.09
0 27 30	94 217.96	94 117.20	94 016.40	93 915.54	93 814.63
0 30 00	102 783.15	102 673.24	102 563.27	102 453.24	102 343.16
0 32 30	111 348.33	111 229.25	111 110.12	110 990.92	110 871.66
0 35 00	119 913.47	119 785.24	119 656.94	119 528.58	119 400.15
0 37 30	128 478.60	128 341.21	128 203.74	128 066.21	127 928.61
0 40 00	137 043.71	136 897.15	136 750.52	136 603.81	136 457.04
0 42 30	145 608.78	145 453.06	145 297.27	145 141.40	144 985.45
0 45 00	154 173.83	154 008.95	153 843.99	153 678.95	153 513.83
0 47 30	162 738.84	162 564.81	162 390.68	162 216.47	162 042.18
0 50 00	171 303.83	171 120.63	170 937.35	170 753.96	170 570.49
0 52 30	179 868.78	179 676.43	179 483.97	179 291.42	179 098.78
0 55 00	188 433.70	188 232.18	188 030.56	187 828.84	187 627.02
0 57 30	196 998.58	196 787.90	196 577.12	196 366.22	196 155.23
1 00 00	205 563.42	205 343.58	205 123.63	204 903.57	204 683.40
1 02 30	214 128.22	213 899.22	213 670.11	213 440.88	213 211.53
1 05 00	222 692.99	222 454.82	222 216.54	221 978.14	221 739.62
1 07 30	231 257.70	231 010.37	230 762.93	230 515.36	230 267.67
1 10 00	239 822.37	239 565.89	239 309.28	239 052.53	238 795.66
1 12 30	248 387.00	248 121.35	247 855.57	247 589.66	247 323.62
1 15 00	256 951.57	256 676.76	256 401.82	256 126.74	255 851.52
1 17 30	265 516.10	265 232.13	264 948.02	264 663.76	264 379.37
1 20 00	274 080.57	273 787.44	273 494.16	273 200.74	272 907.17
1 22 30	282 644.99	282 342.70	282 040.26	281 737.66	281 434.92
1 25 00	291 209.36	290 897.90	290 586.30	290 274.53	289 962.61
1 27 30	299 773.67	299 453.05	299 132.27	298 811.33	298 490.24
1 30 00	308 337.92	308 008.14	307 678.19	307 348.09	307 017.81
1 32 30	316 902.11	316 563.17	316 224.06	315 884.78	315 545.33
1 35 00	325 466.24	325 118.13	324 769.86	324 421.40	324 072.78
1 37 30	334 030.30	333 673.03	333 315.59	332 957.96	332 600.16
1 40 00	342 594.30	342 227.87	341 861.26	341 494.46	341 127.48
1 42 30	351 158.23	350 782.64	350 406.86	350 030.89	349 654.74
1 45 00	359 722.10	359 337.34	358 952.40	358 567.26	358 181.92
1 47 30	368 285.89	367 891.97	367 497.85	367 103.54	366 709.03
1 50 00	376 849.61	376 446.53	376 043.25	375 639.76	375 236.07
1 52 30	385 413.27	385 001.01	384 588.56	384 175.90	383 763.04
1 55 00	393 976.84	393 555.42	393 133.80	392 711.97	392 289.93
1 57 30	402 540.34	402 109.76	401 678.97	401 247.96	400 816.74
2 00 00	411 103.75	410 664.01	410 224.05	409 783.87	409 343.47
2 02 30	419 667.09	419 218.18	418 769.05	418 319.70	417 870.13
2 05 00	428 230.35	427 772.27	427 313.98	426 855.45	426 396.69
2 07 30	436 793.52	436 326.28	435 858.82	435 391.11	434 923.18
2 10 00	445 356.61	444 880.20	444 403.56	443 926.69	443 449.58
2 12 30	453 919.61	453 434.04	452 948.23	452 462.18	451 975.89
2 15 00	462 482.52	461 987.78	461 492.80	460 997.58	460 502.11
2 17 30	471 045.34	470 541.44	470 037.29	469 532.89	469 028.24
2 20 00	479 608.07	479 095.00	478 581.68	478 068.11	477 554.27
2 22 30	488 170.70	487 648.47	487 125.98	486 603.23	486 080.22
2 25 00	496 733.24	496 201.84	495 670.18	495 138.25	494 606.06
2 27 30	505 295.69	504 755.12	504 214.28	503 673.18	503 131.81
2 30 00	513 858.03	513 308.29	512 758.29	512 208.01	511 657.46
2 32 30	522 420.27	521 861.37	521 302.20	520 742.74	520 183.00
2 35 00	530 982.42	530 414.35	529 846.00	529 277.36	528 708.45
2 37 30	539 544.45	538 967.21	538 389.69	537 811.88	537 233.78
2 40 00	548 106.39	547 519.98	546 933.29	546 346.30	545 759.02
2 42 30	556 668.21	556 072.64	555 476.77	554 880.60	554 284.14
2 45 00	565 229.93	564 625.18	564 020.14	563 414.80	562 809.15
2 47 30	573 791.54	573 177.62	572 563.41	571 948.88	571 334.05
2 50 00	582 353.03	581 729.95	581 106.55	580 482.85	579 858.84
2 52 30	590 914.41	590 282.15	589 649.59	589 016.71	588 383.52
2 55 00	599 475.67	598 834.25	598 192.51	597 550.46	596 908.07
2 57 30	608 036.82	607 386.23	606 735.32	606 084.07	605 432.51
3 00 00	616 597.84	615 938.08	615 278.00	614 617.58	613 956.83

Second-difference correction to x' for indicated values of h and Δλ

Δλ \ h	0" 150"	15" 135"	30" 120"	45" 105"	60" 90"	75" 75"
0°	0	0	0	0	0	0
1°	0	+.01	+.01	+.02	+.02	+.02
2°	+.01	+.02	+.03	+.03	+.03	+.04
3°	+.01	+.03	+.04	+.05	+.05	+.05

Correction for k is negligible

ALASKA – ZONES 2 TO 9
STATE PLANE COORDINATES IN FEET – Y

Δλ \ φ	55 50 00	55 52 30	55 55 00	55 57 30	56 00 00
0 00 00	669 526.58	684 745.47	699 964.47	715 183.57	730 402.78
0 02 30	669 529.16	684 748.05	699 967.05	715 186.15	730 405.35
0 05 00	669 536.89	684 755.78	699 974.77	715 193.86	730 413.06
0 07 30	669 549.77	684 768.65	699 987.64	715 206.73	730 425.92
0 10 00	669 567.81	684 786.68	700 005.66	715 224.73	730 443.91
0 12 30	669 591.00	684 809.86	700 028.82	715 247.88	730 467.05
0 15 00	669 619.35	684 838.19	700 057.13	715 276.18	730 495.33
0 17 30	669 652.85	684 871.67	700 090.59	715 309.62	730 528.75
0 20 00	669 691.50	684 910.30	700 129.20	715 348.21	730 567.32
0 22 30	669 735.31	684 954.08	700 172.96	715 391.94	730 611.02
0 25 00	669 784.27	685 003.02	700 221.86	715 440.82	730 659.87
0 27 30	669 838.38	685 057.10	700 275.92	715 494.84	730 713.86
0 30 00	669 897.66	685 116.34	700 335.12	715 554.01	730 772.99
0 32 30	669 962.08	685 180.72	700 399.47	715 618.32	730 837.27
0 35 00	670 031.66	685 250.26	700 468.97	715 687.77	730 906.68
0 37 30	670 106.39	685 324.95	700 543.61	715 762.38	730 981.24
0 40 00	670 186.27	685 404.79	700 623.41	715 842.12	731 060.94
0 42 30	670 271.32	685 489.78	700 708.35	715 927.02	731 145.79
0 45 00	670 361.51	685 579.92	700 798.43	716 017.05	731 235.77
0 47 30	670 456.86	685 675.21	700 893.67	716 112.23	731 330.90
0 50 00	670 557.36	685 775.66	700 994.06	716 212.56	731 431.17
0 52 30	670 663.02	685 881.25	701 099.60	716 318.04	731 536.58
0 55 00	670 773.83	685 992.00	701 210.28	716 428.65	731 647.13
0 57 30	670 889.79	686 107.90	701 326.11	716 544.42	731 762.83
1 00 00	671 010.91	686 228.95	701 447.09	716 665.33	731 883.66
1 02 30	671 137.18	686 355.15	701 573.22	716 791.38	732 009.65
1 05 00	671 268.61	686 486.50	701 704.49	716 922.58	732 140.77
1 07 30	671 405.20	686 623.01	701 840.92	717 058.93	732 277.04
1 10 00	671 546.93	686 764.66	701 982.49	717 200.42	732 418.45
1 12 30	671 693.83	686 911.47	702 129.22	717 347.06	732 565.00
1 15 00	671 845.88	687 063.43	702 281.09	717 498.84	732 716.69
1 17 30	672 003.08	687 220.54	702 438.11	717 655.77	732 873.53
1 20 00	672 165.44	687 382.81	702 600.28	717 817.85	733 035.51
1 22 30	672 332.95	687 550.23	702 767.60	717 985.07	733 202.64
1 25 00	672 505.62	687 722.79	702 940.07	718 157.44	733 374.90
1 27 30	672 683.44	687 900.51	703 117.68	718 334.95	733 552.32
1 30 00	672 866.42	688 083.39	703 300.45	718 517.61	733 734.87
1 32 30	673 054.55	688 271.41	703 488.37	718 705.42	733 922.57
1 35 00	673 247.84	688 464.59	703 681.43	718 898.37	734 115.41
1 37 30	673 446.29	688 662.92	703 879.65	719 096.47	734 313.39
1 40 00	673 649.89	688 866.40	704 083.01	719 299.72	734 516.52
1 42 30	673 858.65	689 075.04	704 291.53	719 508.11	734 724.79
1 45 00	674 072.56	689 288.83	704 505.20	719 721.65	734 938.21
1 47 30	674 291.62	689 507.77	704 724.01	719 940.34	735 156.76
1 50 00	674 515.85	689 731.87	704 947.97	720 164.18	735 380.47
1 52 30	674 745.23	689 961.11	705 177.09	720 393.16	735 609.32
1 55 00	674 979.77	690 195.51	705 411.35	720 627.29	735 843.31
1 57 30	675 219.46	690 435.07	705 650.77	720 866.56	736 082.45
2 00 00	675 464.31	690 679.78	705 895.33	721 110.99	736 326.73
2 02 30	675 714.31	690 929.64	706 145.05	721 360.56	736 576.15
2 05 00	675 969.48	691 184.65	706 399.92	721 615.28	736 830.72
2 07 30	676 229.80	691 444.82	706 659.94	721 875.14	737 090.44
2 10 00	676 495.27	691 710.15	706 925.11	722 140.16	737 355.30
2 12 30	676 765.91	691 980.62	707 195.43	722 410.32	737 625.30
2 15 00	677 041.70	692 256.26	707 470.90	722 685.63	737 900.46
2 17 30	677 322.65	692 537.04	707 751.53	722 966.09	738 180.75
2 20 00	677 608.76	692 822.98	708 037.30	723 251.70	738 466.19
2 22 30	677 900.02	693 114.08	708 328.23	723 542.46	738 756.78
2 25 00	678 196.44	693 410.33	708 624.30	723 838.37	739 052.51
2 27 30	678 498.02	693 711.74	708 925.54	724 139.42	739 353.39
2 30 00	678 804.76	694 018.29	709 231.92	724 445.62	739 659.42
2 32 30	679 116.65	694 330.01	709 543.45	724 756.98	739 970.59
2 35 00	679 433.71	694 646.88	709 860.14	725 073.48	740 286.90
2 37 30	679 755.92	694 968.91	710 181.98	725 395.13	740 608.37
2 40 00	680 083.29	695 296.09	710 508.97	725 721.93	740 934.98
2 42 30	680 415.82	695 628.43	710 841.11	726 053.89	741 266.74
2 45 00	680 753.51	695 965.92	711 178.41	726 390.99	741 603.64
2 47 30	681 096.36	696 308.57	711 520.86	726 733.24	741 945.69
2 50 00	681 444.37	696 656.38	711 868.47	727 080.64	742 292.89
2 52 30	681 797.53	697 009.34	712 221.23	727 433.19	742 645.23
2 55 00	682 155.86	697 367.46	712 579.14	727 790.89	743 002.73
2 57 30	682 519.35	697 730.74	712 942.20	728 153.75	743 365.37
3 00 00	682 887.99	698 099.16	713 310.42	728 521.75	743 733.15

Second-difference correction to y for indicated value of k (for all Δλ's)

k	0" 150"	5" 145"	10" 140"	15" 135"	20" 130"	25" 125"	30" 120"	35" 115"	40" 110"	45" 105"	50" 100"	55" 95"	60" 90"	65" 85"	70" 80"	75" 75"
Correction	-.01	-.09	-.17	-.24	-.31	-.37	-.42	-.47	-.51	-.55	-.58	-.61	-.63	-.64	-.65	-.65

Correction for h is negligible

ALASKA – ZONES 2 TO 9
STATE PLANE COORDINATES IN FEET – X'

Δλ \ φ	56 00 00	56 02 30	56 05 00	56 07 30	56 10 00
0 00 00	0.00	0.00	0.00	0.00	0.00
0 02 30	8 528.64	8 519.46	8 510.28	8 501.09	8 491.90
0 05 00	17 057.27	17 038.92	17 020.55	17 002.18	16 983.79
0 07 30	25 585.90	25 558.37	25 530.82	25 503.26	25 475.69
0 10 00	34 114.53	34 077.82	34 041.09	34 004.34	33 967.57
0 12 30	42 643.15	42 597.26	42 551.35	42 505.41	42 459.46
0 15 00	51 171.76	51 116.69	51 061.60	51 006.48	50 951.33
0 17 30	59 700.36	59 636.12	59 571.84	59 507.53	59 443.19
0 20 00	68 228.95	68 155.53	68 082.07	68 008.57	67 935.04
0 22 30	76 757.53	76 674.93	76 592.28	76 509.60	76 426.88
0 25 00	85 286.09	85 194.31	85 102.48	85 010.61	84 918.70
0 27 30	93 814.63	93 713.68	93 612.67	93 511.61	93 410.50
0 30 00	102 343.16	102 233.02	102 122.83	102 012.59	101 902.29
0 32 30	110 871.66	110 752.35	110 632.98	110 513.54	110 394.05
0 35 00	119 400.15	119 271.65	119 143.10	119 014.48	118 885.80
0 37 30	127 928.61	127 790.94	127 653.20	127 515.39	127 377.51
0 40 00	136 457.04	136 310.19	136 163.27	136 016.27	135 869.21
0 42 30	144 985.45	144 829.42	144 673.32	144 517.14	144 360.88
0 45 00	153 513.83	153 348.62	153 183.34	153 017.96	152 852.51
0 47 30	162 042.18	161 867.79	161 693.32	161 518.76	161 344.12
0 50 00	170 570.49	170 386.93	170 203.28	170 019.53	169 835.69
0 52 30	179 098.78	178 906.03	178 713.20	178 520.26	178 327.24
0 55 00	187 627.02	187 425.10	187 223.08	187 020.96	186 818.74
0 57 30	196 155.23	195 944.13	195 732.93	195 521.62	195 310.20
1 00 00	204 683.40	204 463.13	204 242.74	204 022.24	203 801.63
1 02 30	213 211.53	212 982.08	212 752.50	212 522.82	212 293.02
1 05 00	221 739.62	221 500.98	221 262.23	221 023.36	220 784.36
1 07 30	230 267.67	230 019.85	229 771.91	229 523.85	229 275.66
1 10 00	238 795.66	238 538.67	238 281.55	238 024.29	237 766.92
1 12 30	247 323.62	247 057.44	246 791.14	246 524.70	246 258.12
1 15 00	255 851.52	255 576.17	255 300.67	255 025.04	254 749.28
1 17 30	264 379.37	264 094.84	263 810.16	263 525.34	263 240.38
1 20 00	272 907.17	272 613.45	272 319.59	272 025.59	271 731.43
1 22 30	281 434.92	281 132.02	280 828.98	280 525.78	280 222.43
1 25 00	289 962.61	289 650.53	289 338.30	289 025.91	288 713.38
1 27 30	298 490.24	298 168.98	297 847.57	297 526.00	297 204.26
1 30 00	307 017.81	306 687.38	306 356.78	306 026.01	305 695.08
1 32 30	315 545.33	315 205.71	314 865.93	314 525.97	314 185.85
1 35 00	324 072.78	323 723.98	323 375.01	323 025.87	322 676.55
1 37 30	332 600.16	332 242.19	331 884.03	331 525.69	331 167.18
1 40 00	341 127.48	340 760.33	340 392.98	340 025.46	339 657.75
1 42 30	349 654.74	349 278.40	348 901.87	348 525.15	348 148.25
1 45 00	358 181.92	357 796.40	357 410.68	357 024.78	356 638.68
1 47 30	366 709.03	366 314.33	365 919.43	365 524.33	365 129.04
1 50 00	375 236.07	374 832.19	374 428.10	374 023.81	373 619.32
1 52 30	383 763.04	383 349.97	382 936.70	382 523.22	382 109.54
1 55 00	392 289.93	391 867.68	391 445.22	391 022.54	390 599.67
1 57 30	400 816.74	400 385.31	399 953.66	399 521.80	399 089.72
2 00 00	409 343.47	408 902.86	408 462.02	408 020.97	407 579.70
2 02 30	417 870.13	417 420.33	416 970.30	416 520.06	416 069.59
2 05 00	426 396.69	425 937.71	425 478.50	425 019.06	424 559.40
2 07 30	434 923.18	434 455.02	433 986.62	433 517.98	433 049.13
2 10 00	443 449.58	442 972.23	442 494.64	442 016.82	441 538.76
2 12 30	451 975.89	451 489.36	451 002.58	450 515.57	450 028.31
2 15 00	460 502.11	460 006.39	459 510.43	459 014.22	458 517.77
2 17 30	469 028.24	468 523.34	468 018.18	467 512.78	467 007.14
2 20 00	477 554.27	477 040.19	476 525.85	476 011.25	475 496.40
2 22 30	486 080.22	485 556.95	485 033.41	484 509.62	483 985.58
2 25 00	494 606.06	494 073.61	493 540.89	493 007.90	492 474.66
2 27 30	503 131.81	502 590.17	502 048.26	501 506.08	500 963.64
2 30 00	511 657.46	511 106.63	510 555.53	510 004.16	509 452.52
2 32 30	520 183.00	519 623.00	519 062.71	518 502.14	517 941.30
2 35 00	528 708.45	528 139.25	527 569.77	527 000.01	526 429.97
2 37 30	537 233.78	536 655.40	536 076.73	535 497.78	534 918.54
2 40 00	545 759.02	545 171.45	544 583.59	543 995.43	543 406.99
2 42 30	554 284.14	553 687.39	553 090.33	552 492.99	551 895.34
2 45 00	562 809.15	562 203.21	561 596.97	560 990.42	560 383.58
2 47 30	571 334.05	570 718.93	570 103.49	569 487.75	568 871.71
2 50 00	579 858.84	579 234.53	578 609.90	577 984.96	577 359.72
2 52 30	588 383.52	587 750.01	587 116.19	586 482.06	585 847.61
2 55 00	596 908.07	596 265.38	595 622.37	594 979.03	594 335.39
2 57 30	605 432.51	604 780.63	604 128.42	603 475.90	602 823.05
3 00 00	613 956.83	613 295.76	612 634.36	611 972.63	611 310.58

Second-difference correction to x' for indicated values of h and Δλ

Δλ \ h	0" 150"	15" 135"	30" 120"	45" 105"	60" 90"	75" 75"
0°	0	0	0	0	0	0
1°	0	+.01	+.01	+.02	+.02	+.02
2°	+.01	+.02	+.03	+.03	+.03	+.04
3°	+.01	+.03	+.04	+.05	+.05	+.05

Correction for k is negligible

ALASKA – ZONES 2 TO 9
STATE PLANE COORDINATES IN FEET – Y

Δλ \ φ	56 00 00	56 02 30	56 05 00	56 07 30	56 10 00
0 00 00	730 402.78	745 622.09	760 841.50	776 061.03	791 280.65
0 02 30	730 405.35	745 624.66	760 844.07	776 063.59	791 283.22
0 05 00	730 413.06	745 632.37	760 851.78	776 071.29	791 290.91
0 07 30	730 425.92	745 645.21	760 864.61	776 084.12	791 303.74
0 10 00	730 443.91	745 663.20	760 882.59	776 102.09	791 321.69
0 12 30	730 467.05	745 686.32	760 905.70	776 125.19	791 344.77
0 15 00	730 495.33	745 714.59	760 933.95	776 153.42	791 372.99
0 17 30	730 528.75	745 747.99	760 967.33	776 186.78	791 406.33
0 20 00	730 567.32	745 786.53	761 005.85	776 225.27	791 444.80
0 22 30	730 611.02	745 830.21	761 049.50	776 268.90	791 488.41
0 25 00	730 659.87	745 879.03	761 098.29	776 317.67	791 537.14
0 27 30	730 713.86	745 932.99	761 152.22	776 371.56	791 591.00
0 30 00	730 772.99	745 992.09	761 211.29	776 430.59	791 649.99
0 32 30	730 837.27	746 056.32	761 275.48	776 494.75	791 714.12
0 35 00	730 906.68	746 125.70	761 344.82	776 564.04	791 783.37
0 37 30	730 981.24	746 200.21	761 419.29	776 638.47	791 857.75
0 40 00	731 060.94	746 279.87	761 498.89	776 718.03	791 937.26
0 42 30	731 145.79	746 364.66	761 583.64	776 802.72	792 021.90
0 45 00	731 235.77	746 454.59	761 673.52	776 892.55	792 111.68
0 47 30	731 330.90	746 549.66	761 768.53	776 987.51	792 206.58
0 50 00	731 431.17	746 649.87	761 868.68	777 087.60	792 306.61
0 52 30	731 536.58	746 755.22	761 973.97	777 192.83	792 411.78
0 55 00	731 647.13	746 865.71	762 084.39	777 303.18	792 522.07
0 57 30	731 762.83	746 981.34	762 199.95	777 418.67	792 637.49
1 00 00	731 883.66	747 102.11	762 320.65	777 539.30	792 758.05
1 02 30	732 009.65	747 228.02	762 446.48	777 665.06	792 883.73
1 05 00	732 140.77	747 359.06	762 577.45	777 795.95	793 014.55
1 07 30	732 277.04	747 495.25	762 713.56	777 931.98	793 150.49
1 10 00	732 418.45	747 636.58	762 854.81	778 073.14	793 291.57
1 12 30	732 565.00	747 783.04	763 001.18	778 219.43	793 437.77
1 15 00	732 716.69	747 934.65	763 152.70	778 370.85	793 589.11
1 17 30	732 873.53	748 091.39	763 309.36	778 527.42	793 745.58
1 20 00	733 035.51	748 253.28	763 471.15	778 689.11	793 907.18
1 22 30	733 202.64	748 420.30	763 638.07	778 855.94	794 073.90
1 25 00	733 374.90	748 592.47	763 810.14	779 027.90	794 245.77
1 27 30	733 552.32	748 769.78	763 987.34	779 205.00	794 422.76
1 30 00	733 734.87	748 952.22	764 169.68	779 387.23	794 604.88
1 32 30	733 922.57	749 139.81	764 357.16	779 574.60	794 792.14
1 35 00	734 115.41	749 332.54	764 549.77	779 767.10	794 984.52
1 37 30	734 313.39	749 530.41	764 747.52	779 964.73	795 182.04
1 40 00	734 516.52	749 733.42	764 950.41	780 167.50	795 384.69
1 42 30	734 724.79	749 941.56	765 158.43	780 375.40	795 592.47
1 45 00	734 938.21	750 154.85	765 371.60	780 588.44	795 805.38
1 47 30	735 156.76	750 373.29	765 589.90	780 806.61	796 023.42
1 50 00	735 380.47	750 596.86	765 813.34	781 029.92	796 246.60
1 52 30	735 609.32	750 825.57	766 041.92	781 258.37	796 474.91
1 55 00	735 843.31	751 059.43	766 275.64	781 491.95	796 708.35
1 57 30	736 082.45	751 298.42	766 514.49	781 730.66	796 946.92
2 00 00	736 326.73	751 542.56	766 758.49	781 974.51	797 190.62
2 02 30	736 576.15	751 791.84	767 007.62	782 223.49	797 439.46
2 05 00	736 830.72	752 046.26	767 261.89	782 477.61	797 693.43
2 07 30	737 090.44	752 305.82	767 521.30	782 736.87	797 952.53
2 10 00	737 355.30	752 570.53	767 785.85	783 001.26	798 216.76
2 12 30	737 625.30	752 840.37	768 055.54	783 270.79	798 486.13
2 15 00	737 900.46	753 115.36	768 330.37	783 545.45	798 760.63
2 17 30	738 180.75	753 395.49	768 610.33	783 825.25	799 040.27
2 20 00	738 466.19	753 680.77	768 895.44	784 110.19	799 325.03
2 22 30	738 756.78	753 971.19	769 185.68	784 400.26	799 614.93
2 25 00	739 052.51	754 266.74	769 481.06	784 695.47	799 909.97
2 27 30	739 353.39	754 567.44	769 781.59	784 995.82	800 210.14
2 30 00	739 659.42	754 873.29	770 087.25	785 301.30	800 515.43
2 32 30	739 970.59	755 184.28	770 398.06	785 611.92	800 825.87
2 35 00	740 286.90	755 500.41	770 714.00	785 927.68	801 141.44
2 37 30	740 608.37	755 821.69	771 035.09	786 248.58	801 462.15
2 40 00	740 934.98	756 148.10	771 361.31	786 574.61	801 787.98
2 42 30	741 266.74	756 479.66	771 692.68	786 905.78	802 118.95
2 45 00	741 603.64	756 816.37	772 029.19	787 242.08	802 455.06
2 47 30	741 945.69	757 158.22	772 370.84	787 583.53	802 796.30
2 50 00	742 292.89	757 505.21	772 717.62	787 930.11	803 142.68
2 52 30	742 645.23	757 857.35	773 069.56	788 281.83	803 494.19
2 55 00	743 002.73	758 214.64	773 426.63	788 638.69	803 850.84
2 57 30	743 365.37	758 577.07	773 788.84	789 000.70	804 212.63
3 00 00	743 733.15	758 944.63	774 156.19	789 367.83	804 579.54

Second-difference correction to y for indicated value of k (for all Δλ's)

k	0" 150"	5" 145"	10" 140"	15" 135"	20" 130"	25" 125"	30" 120"	35" 115"	40" 110"	45" 105"	50" 100"	55" 95"	60" 90"	65" 85"	70" 80"	75" 75"
Correction	-.01	-.09	-.17	-.24	-.31	-.37	-.42	-.47	-.51	-.55	-.58	-.61	-.63	-.64	-.65	-.65

Correction for h is negligible

ALASKA – ZONES 2 TO 9
STATE PLANE COORDINATES IN FEET – X'

Δλ \ φ	56 10 00	56 12 30	56 15 00	56 17 30	56 20 00
0 00 00	0.00	0.00	0.00	0.00	0.00
0 02 30	8 491.90	8 482.70	8 473.50	8 464.30	8 455.09
0 05 00	16 983.79	16 965.40	16 947.00	16 928.59	16 910.17
0 07 30	25 475.69	25 448.10	25 420.50	25 392.88	25 365.25
0 10 00	33 967.57	33 930.79	33 893.99	33 857.17	33 820.33
0 12 30	42 459.46	42 413.47	42 367.47	42 321.44	42 275.40
0 15 00	50 951.33	50 896.15	50 840.95	50 785.72	50 730.46
0 17 30	59 443.19	59 378.82	59 314.41	59 249.98	59 185.51
0 20 00	67 935.04	67 861.47	67 787.87	67 714.22	67 640.55
0 22 30	76 426.88	76 344.11	76 261.31	76 178.46	76 095.57
0 25 00	84 918.70	84 826.74	84 734.73	84 642.68	84 550.58
0 27 30	93 410.50	93 309.35	93 208.14	93 106.88	93 005.57
0 30 00	101 902.29	101 791.94	101 681.53	101 571.06	101 460.55
0 32 30	110 394.05	110 274.50	110 154.89	110 035.22	109 915.50
0 35 00	118 885.80	118 757.05	118 628.24	118 499.37	118 370.43
0 37 30	127 377.51	127 239.57	127 101.56	126 963.48	126 825.33
0 40 00	135 869.21	135 722.07	135 574.86	135 427.57	135 280.21
0 42 30	144 360.88	144 204.54	144 048.12	143 891.63	143 735.07
0 45 00	152 852.51	152 686.98	152 521.36	152 355.67	152 189.89
0 47 30	161 344.12	161 169.39	160 994.57	160 819.67	160 644.68
0 50 00	169 835.69	169 651.77	169 467.75	169 283.64	169 099.44
0 52 30	178 327.24	178 134.11	177 940.89	177 747.57	177 554.17
0 55 00	186 818.74	186 616.41	186 414.00	186 211.47	186 008.85
0 57 30	195 310.20	195 098.68	194 887.06	194 675.34	194 463.51
1 00 00	203 801.63	203 580.92	203 360.10	203 139.16	202 918.12
1 02 30	212 293.02	212 063.11	211 833.08	211 602.94	211 372.69
1 05 00	220 784.36	220 545.25	220 306.02	220 066.68	219 827.21
1 07 30	229 275.66	229 027.35	228 778.93	228 530.37	228 281.70
1 10 00	237 766.92	237 509.41	237 251.78	236 994.02	236 736.14
1 12 30	246 258.12	245 991.42	245 724.59	245 457.62	245 190.52
1 15 00	254 749.28	254 473.38	254 197.34	253 921.17	253 644.86
1 17 30	263 240.38	262 955.28	262 670.05	262 384.66	262 099.15
1 20 00	271 731.43	271 437.14	271 142.70	270 848.11	270 553.38
1 22 30	280 222.43	279 918.94	279 615.30	279 311.50	279 007.56
1 25 00	288 713.38	288 400.68	288 087.84	287 774.83	287 461.68
1 27 30	297 204.26	296 882.37	296 560.32	296 238.10	295 915.74
1 30 00	305 695.08	305 364.00	305 032.74	304 701.32	304 369.74
1 32 30	314 185.85	313 845.56	313 505.10	313 164.48	312 823.68
1 35 00	322 676.55	322 327.06	321 977.40	321 627.56	321 277.56
1 37 30	331 167.18	330 808.50	330 449.63	330 090.59	329 731.37
1 40 00	339 657.75	339 289.87	338 921.80	338 553.55	338 185.11
1 42 30	348 148.25	347 771.17	347 393.89	347 016.43	346 638.79
1 45 00	356 638.68	356 252.40	355 865.92	355 479.25	355 092.40
1 47 30	365 129.04	364 733.55	364 337.87	363 942.00	363 545.92
1 50 00	373 619.32	373 214.64	372 809.75	372 404.67	371 999.38
1 52 30	382 109.54	381 695.65	381 281.56	380 867.26	380 452.77
1 55 00	390 599.67	390 176.59	389 753.29	389 329.78	388 906.07
1 57 30	399 089.72	398 657.44	398 224.94	397 792.22	397 359.30
2 00 00	407 579.70	407 138.21	406 696.51	406 254.58	405 812.44
2 02 30	416 069.59	415 618.90	415 167.99	414 716.85	414 265.50
2 05 00	424 559.40	424 099.52	423 639.40	423 179.05	422 718.48
2 07 30	433 049.13	432 580.04	432 110.71	431 641.15	431 171.37
2 10 00	441 538.76	441 060.47	440 581.94	440 103.17	439 624.17
2 12 30	450 028.31	449 540.82	449 053.08	448 565.10	448 076.89
2 15 00	458 517.77	458 021.07	457 524.13	457 026.94	456 529.51
2 17 30	467 007.14	466 501.24	465 995.09	465 488.68	464 982.04
2 20 00	475 496.40	474 981.31	474 465.95	473 950.33	473 434.47
2 22 30	483 985.58	483 461.28	482 936.71	482 411.89	481 886.82
2 25 00	492 474.66	491 941.15	491 407.39	490 873.35	490 339.05
2 27 30	500 963.64	500 420.93	499 877.95	499 334.70	498 791.19
2 30 00	509 452.52	508 900.61	508 348.42	507 795.95	507 243.23
2 32 30	517 941.30	517 380.18	516 818.78	516 257.11	515 695.16
2 35 00	526 429.97	525 859.65	525 289.04	524 718.16	524 147.00
2 37 30	534 918.54	534 339.01	533 759.20	533 179.09	532 598.72
2 40 00	543 406.99	542 818.26	542 229.24	541 639.92	541 050.33
2 42 30	551 895.34	551 297.41	550 699.18	550 100.65	549 501.83
2 45 00	560 383.58	559 776.44	559 169.00	558 561.26	557 953.22
2 47 30	568 871.71	568 255.36	567 638.71	567 021.75	566 404.50
2 50 00	577 359.72	576 734.17	576 108.31	575 482.14	574 855.66
2 52 30	585 847.61	585 212.86	584 577.79	583 942.40	583 306.71
2 55 00	594 335.39	593 691.43	593 047.15	592 402.54	591 757.64
2 57 30	602 823.05	602 169.88	601 516.39	600 862.56	600 208.44
3 00 00	611 310.58	610 648.21	609 985.51	609 322.47	608 659.12

Second-difference correction to x' for indicated values of h and Δλ

Δλ \ h	0" 150"	15" 135"	30" 120"	45" 105"	60" 90"	75" 75"
0°	0	0	0	0	0	0
1°	0	+.01	+.01	+.02	+.02	+.02
2°	+.01	+.02	+.03	+.03	+.03	+.04
3°	+.01	+.03	+.04	+.05	+.05	+.05

Correction for k is negligible

ALASKA – ZONES 2 TO 9
STATE PLANE COORDINATES IN FEET – Y

Δλ \ φ	56 10 00	56 12 30	56 15 00	56 17 30	56 20 00
0 00 00	791 280.65	806 500.38	821 720.21	836 940.15	852 160.20
0 02 30	791 283.22	806 502.94	821 722.78	836 942.71	852 162.75
0 05 00	791 290.91	806 510.63	821 730.46	836 950.39	852 170.43
0 07 30	791 303.74	806 523.45	821 743.27	836 963.19	852 183.22
0 10 00	791 321.69	806 541.39	821 761.20	836 981.12	852 201.13
0 12 30	791 344.77	806 564.46	821 784.26	837 004.16	852 224.16
0 15 00	791 372.99	806 592.66	821 812.44	837 032.32	852 252.31
0 17 30	791 406.33	806 625.98	821 845.74	837 065.61	852 285.57
0 20 00	791 444.80	806 664.43	821 884.17	837 104.01	852 323.95
0 22 30	791 488.41	806 708.01	821 927.72	837 147.53	852 367.45
0 25 00	791 537.14	806 756.71	821 976.39	837 196.18	852 416.07
0 27 30	791 591.00	806 810.54	822 030.19	837 249.95	852 469.80
0 30 00	791 649.99	806 869.50	822 089.12	837 308.83	852 528.65
0 32 30	791 714.12	806 933.59	822 153.16	837 372.84	852 592.62
0 35 00	791 783.37	807 002.80	822 222.33	837 441.97	852 661.71
0 37 30	791 857.75	807 077.14	822 296.62	837 516.22	852 735.91
0 40 00	791 937.26	807 156.60	822 376.04	837 595.59	852 815.23
0 42 30	792 021.90	807 241.19	822 460.58	837 680.08	852 899.67
0 45 00	792 111.68	807 330.91	822 550.25	837 769.69	852 989.23
0 47 30	792 206.58	807 425.76	822 645.04	837 864.42	853 083.90
0 50 00	792 306.61	807 525.73	822 744.95	837 964.28	853 183.70
0 52 30	792 411.78	807 630.83	822 849.99	838 069.25	853 288.61
0 55 00	792 522.07	807 741.06	822 960.15	838 179.34	853 398.64
0 57 30	792 637.49	807 856.41	823 075.43	838 294.56	853 513.78
1 00 00	792 758.05	807 976.89	823 195.84	838 414.90	853 634.05
1 02 30	792 883.73	808 102.50	823 321.38	838 540.35	853 759.43
1 05 00	793 014.55	808 233.24	823 452.03	838 670.93	853 889.93
1 07 30	793 150.49	808 369.10	823 587.82	838 806.64	854 025.55
1 10 00	793 291.57	808 510.09	823 728.73	838 947.46	854 166.29
1 12 30	793 437.77	808 656.21	823 874.76	839 093.40	854 312.14
1 15 00	793 589.11	808 807.46	824 025.91	839 244.47	854 463.12
1 17 30	793 745.58	808 963.83	824 182.19	839 400.65	854 619.21
1 20 00	793 907.18	809 125.34	824 343.60	839 561.96	854 780.42
1 22 30	794 073.90	809 291.97	824 510.13	839 728.39	854 946.75
1 25 00	794 245.77	809 463.73	824 681.78	839 899.94	855 118.20
1 27 30	794 422.76	809 640.61	824 858.56	840 076.62	855 294.77
1 30 00	794 604.88	809 822.63	825 040.47	840 258.41	855 476.45
1 32 30	794 792.14	810 009.77	825 227.50	840 445.33	855 663.26
1 35 00	794 984.52	810 202.04	825 419.66	840 637.37	855 855.18
1 37 30	795 182.04	810 399.44	825 616.94	840 834.53	856 052.22
1 40 00	795 384.69	810 601.96	825 819.35	841 036.82	856 254.39
1 42 30	795 592.47	810 809.62	826 026.87	841 244.22	856 461.67
1 45 00	795 805.38	811 022.41	826 239.53	841 456.75	856 674.07
1 47 30	796 023.42	811 240.32	826 457.32	841 674.40	856 891.59
1 50 00	796 246.60	811 463.36	826 680.23	841 897.18	857 114.22
1 52 30	796 474.91	811 691.54	826 908.26	842 125.07	857 341.99
1 55 00	796 708.35	811 924.83	827 141.42	842 358.10	857 574.87
1 57 30	796 946.92	812 163.26	827 379.71	842 596.24	857 812.87
2 00 00	797 190.62	812 406.82	827 623.12	842 839.51	858 055.98
2 02 30	797 439.46	812 655.51	827 871.66	843 087.89	858 304.22
2 05 00	797 693.43	812 909.33	828 125.32	843 341.41	858 557.58
2 07 30	797 952.53	813 168.28	828 384.11	843 600.04	858 816.06
2 10 00	798 216.76	813 432.35	828 648.03	843 863.80	859 079.66
2 12 30	798 486.13	813 701.56	828 917.08	844 132.69	859 348.38
2 15 00	798 760.63	813 975.89	829 191.25	844 406.69	859 622.22
2 17 30	799 040.27	814 255.36	829 470.55	844 685.82	859 901.18
2 20 00	799 325.03	814 539.96	829 754.97	844 970.08	860 185.27
2 22 30	799 614.93	814 829.69	830 044.53	845 259.46	860 474.47
2 25 00	799 909.97	815 124.54	830 339.21	845 553.96	860 768.80
2 27 30	800 210.14	815 424.53	830 639.02	845 853.59	861 068.24
2 30 00	800 515.43	815 729.65	830 943.95	846 158.34	861 372.81
2 32 30	800 825.87	816 039.90	831 254.02	846 468.22	861 682.50
2 35 00	801 141.44	816 355.28	831 569.21	846 783.22	861 997.31
2 37 30	801 462.15	816 675.79	831 889.53	847 103.35	862 317.25
2 40 00	801 787.98	817 001.44	832 214.98	847 428.60	862 642.30
2 42 30	802 118.95	817 332.21	832 545.55	847 758.97	862 972.48
2 45 00	802 455.06	817 668.12	832 881.26	848 094.48	863 307.77
2 47 30	802 796.30	818 009.16	833 222.09	848 435.11	863 648.20
2 50 00	803 142.68	818 355.33	833 568.05	848 780.86	863 993.74
2 52 30	803 494.19	818 706.63	833 919.15	849 131.74	864 344.41
2 55 00	803 850.84	819 063.06	834 275.37	849 487.74	864 700.20
2 57 30	804 212.63	819 424.63	834 636.72	849 848.88	865 061.11
3 00 00	804 579.54	819 791.33	835 003.19	850 215.13	865 427.15

Second-difference correction to y for indicated value of k (for all Δλ's)

k	0" 150"	5" 145"	10" 140"	15" 135"	20" 130"	25" 125"	30" 120"	35" 115"	40" 110"	45" 105"	50" 100"	55" 95"	60" 90"	65" 85"	70" 80"	75" 75"
Correction	-.01	-.09	-.17	-.24	-.31	-.37	-.42	-.47	-.51	-.55	-.58	-.61	-.63	-.64	-.65	-.65

Correction for h is negligible

ALASKA – ZONES 2 TO 9
STATE PLANE COORDINATES IN FEET – X'

Δλ \ φ	56 20 00	56 22 30	56 25 00	56 27 30	56 30 00
0 00 00	0.00	0.00	0.00	0.00	0.00
0 02 30	8 455.09	8 445.87	8 436.65	8 427.43	8 418.20
0 05 00	16 910.17	16 891.74	16 873.30	16 854.86	16 836.40
0 07 30	25 365.25	25 337.61	25 309.96	25 282.29	25 254.60
0 10 00	33 820.33	33 783.47	33 746.60	33 709.70	33 672.79
0 12 30	42 275.40	42 229.32	42 183.23	42 137.12	42 090.98
0 15 00	50 730.46	50 675.17	50 619.86	50 564.52	50 509.15
0 17 30	59 185.51	59 121.01	59 056.48	58 991.92	58 927.32
0 20 00	67 640.55	67 566.83	67 493.08	67 419.30	67 345.48
0 22 30	76 095.57	76 012.64	75 929.67	75 846.67	75 763.61
0 25 00	84 550.58	84 458.44	84 366.25	84 274.02	84 181.74
0 27 30	93 005.57	92 904.21	92 802.81	92 701.35	92 599.85
0 30 00	101 460.55	101 349.97	101 239.35	101 128.67	101 017.93
0 32 30	109 915.50	109 795.71	109 675.87	109 555.97	109 436.00
0 35 00	118 370.43	118 241.43	118 112.36	117 983.24	117 854.05
0 37 30	126 825.33	126 687.12	126 548.83	126 410.48	126 272.06
0 40 00	135 280.21	135 132.78	134 985.28	134 837.70	134 690.06
0 42 30	143 735.07	143 578.42	143 421.70	143 264.90	143 108.03
0 45 00	152 189.89	152 024.03	151 858.09	151 692.07	151 525.96
0 47 30	160 644.68	160 469.61	160 294.45	160 119.20	159 943.87
0 50 00	169 099.44	168 915.15	168 730.77	168 546.30	168 361.74
0 52 30	177 554.17	177 360.66	177 167.06	176 973.37	176 779.58
0 55 00	186 008.85	185 806.13	185 603.32	185 400.40	185 197.38
0 57 30	194 463.51	194 251.57	194 039.53	193 827.39	193 615.14
1 00 00	202 918.12	202 696.97	202 475.71	202 254.34	202 032.86
1 02 30	211 372.69	211 142.32	210 911.85	210 681.25	210 450.55
1 05 00	219 827.21	219 587.63	219 347.94	219 108.12	218 868.18
1 07 30	228 281.70	228 032.90	227 783.98	227 534.94	227 285.78
1 10 00	236 736.14	236 478.12	236 219.98	235 961.72	235 703.32
1 12 30	245 190.52	244 923.29	244 655.93	244 388.44	244 120.82
1 15 00	253 644.86	253 368.41	253 091.84	252 815.12	252 538.27
1 17 30	262 099.15	261 813.48	261 527.69	261 241.74	260 955.67
1 20 00	270 553.38	270 258.50	269 963.48	269 668.31	269 373.00
1 22 30	279 007.56	278 703.46	278 399.22	278 094.83	277 790.29
1 25 00	287 461.68	287 148.37	286 834.90	286 521.29	286 207.52
1 27 30	295 915.74	295 593.21	295 270.53	294 947.68	294 624.68
1 30 00	304 369.74	304 038.00	303 706.09	303 374.02	303 041.79
1 32 30	312 823.68	312 482.72	312 141.59	311 800.30	311 458.84
1 35 00	321 277.56	320 927.38	320 577.03	320 226.51	319 875.82
1 37 30	329 731.37	329 371.97	329 012.40	328 652.66	328 292.73
1 40 00	338 185.11	337 816.50	337 447.71	337 078.74	336 709.58
1 42 30	346 638.79	346 260.95	345 882.94	345 504.75	345 126.36
1 45 00	355 092.40	354 705.34	354 318.11	353 930.68	353 543.07
1 47 30	363 545.92	363 149.65	362 753.20	362 356.54	361 959.70
1 50 00	371 999.38	371 593.90	371 188.22	370 782.33	370 376.26
1 52 30	380 452.77	380 038.06	379 623.16	379 208.05	378 792.74
1 55 00	388 906.07	388 482.15	388 058.02	387 633.68	387 209.14
1 57 30	397 359.30	396 926.15	396 492.81	396 059.24	395 625.47
2 00 00	405 812.44	405 370.08	404 927.51	404 484.72	404 041.71
2 02 30	414 265.50	413 813.92	413 362.13	412 910.11	412 457.87
2 05 00	422 718.48	422 257.68	421 796.66	421 335.41	420 873.94
2 07 30	431 171.37	430 701.35	430 231.11	429 760.63	429 289.93
2 10 00	439 624.17	439 144.94	438 665.47	438 185.76	437 705.82
2 12 30	448 076.89	447 588.43	447 099.74	446 610.80	446 121.63
2 15 00	456 529.51	456 031.83	455 533.91	455 035.75	454 537.35
2 17 30	464 982.04	464 475.14	463 968.00	463 460.61	462 952.97
2 20 00	473 434.47	472 918.35	472 401.99	471 885.37	471 368.49
2 22 30	481 886.82	481 361.47	480 835.89	480 310.03	479 783.93
2 25 00	490 339.05	489 804.49	489 269.68	488 734.59	488 199.25
2 27 30	498 791.19	498 247.41	497 703.37	497 159.05	496 614.48
2 30 00	507 243.23	506 690.22	506 136.96	505 583.41	505 029.61
2 32 30	515 695.16	515 132.94	514 570.44	514 007.67	513 444.62
2 35 00	524 147.00	523 575.54	523 003.83	522 431.82	521 859.54
2 37 30	532 598.72	532 018.04	531 437.10	530 855.86	530 274.35
2 40 00	541 050.33	540 460.43	539 870.26	539 279.79	538 689.04
2 42 30	549 501.83	548 902.71	548 303.32	547 703.62	547 103.63
2 45 00	557 953.22	557 344.88	556 736.26	556 127.33	555 518.10
2 47 30	566 404.50	565 786.94	565 169.09	564 550.92	563 932.46
2 50 00	574 855.66	574 228.87	573 601.80	572 974.40	572 346.70
2 52 30	583 306.71	582 670.70	582 034.38	581 397.76	580 760.82
2 55 00	591 757.64	591 112.40	590 466.86	589 821.00	589 174.82
2 57 30	600 208.44	599 553.98	598 899.21	598 244.12	597 588.70
3 00 00	608 659.12	607 995.43	607 331.44	606 667.11	606 002.46

Second-difference correction to x' for indicated values of h and Δλ

Δλ \ h	0" 150"	15" 135"	30" 120"	45" 105"	60" 90"	75" 75"
0°	0	0	0	0	0	0
1°	0	+.01	+.01	+.02	+.02	+.02
2°	+.01	+.02	+.03	+.03	+.03	+.04
3°	+.01	+.03	+.04	+.05	+.05	+.05

Correction for k is negligible

ALASKA – ZONES 2 TO 9
STATE PLANE COORDINATES IN FEET – Y

Δλ \ φ	56 20 00	56 22 30	56 25 00	56 27 30	56 30 00
0 00 00	852 160.20	867 380.34	882 600.59	897 820.95	913 041.41
0 02 30	852 162.75	867 382.90	882 603.15	897 823.50	913 043.96
0 05 00	852 170.43	867 390.57	882 610.82	897 831.16	913 051.62
0 07 30	852 183.22	867 403.36	882 623.60	897 843.93	913 064.38
0 10 00	852 201.13	867 421.26	882 641.48	897 861.81	913 082.25
0 12 30	852 224.16	867 444.27	882 664.48	897 884.80	913 105.22
0 15 00	852 252.31	867 472.40	882 692.59	897 912.89	913 133.30
0 17 30	852 285.57	867 505.64	882 725.82	897 946.09	913 166.48
0 20 00	852 323.95	867 544.00	882 764.15	897 984.40	913 204.76
0 22 30	852 367.45	867 587.47	882 807.60	898 027.82	913 248.16
0 25 00	852 416.07	867 636.06	882 856.15	898 076.35	913 296.65
0 27 30	852 469.80	867 689.76	882 909.82	898 129.99	913 350.26
0 30 00	852 528.65	867 748.58	882 968.60	898 188.73	913 408.97
0 32 30	852 592.62	867 812.51	883 032.50	898 252.58	913 472.78
0 35 00	852 661.71	867 881.55	883 101.49	898 321.54	913 541.69
0 37 30	852 735.91	867 955.71	883 175.61	898 395.61	913 615.72
0 40 00	852 815.23	868 034.98	883 254.83	898 474.79	913 694.85
0 42 30	852 899.67	868 119.37	883 339.17	898 559.07	913 779.08
0 45 00	852 989.23	868 208.87	883 428.62	898 648.47	913 868.42
0 47 30	853 083.90	868 303.49	883 523.18	898 742.97	913 962.86
0 50 00	853 183.70	868 403.22	883 622.85	898 842.58	914 062.41
0 52 30	853 288.61	868 508.07	883 727.64	898 947.30	914 167.07
0 55 00	853 398.64	868 618.03	883 837.53	899 057.13	914 276.83
0 57 30	853 513.78	868 733.11	883 952.54	899 172.06	914 391.69
1 00 00	853 634.05	868 853.30	884 072.66	899 292.11	914 511.66
1 02 30	853 759.43	868 978.61	884 197.88	899 417.26	914 636.74
1 05 00	853 889.93	869 109.03	884 328.23	899 547.52	914 766.92
1 07 30	854 025.55	869 244.56	884 463.68	899 682.90	914 902.21
1 10 00	854 166.29	869 385.22	884 604.25	899 823.38	915 042.61
1 12 30	854 312.14	869 530.99	884 749.93	899 968.96	915 188.10
1 15 00	854 463.12	869 681.87	884 900.72	900 119.66	915 338.71
1 17 30	854 619.21	869 837.87	885 056.62	900 275.47	915 494.42
1 20 00	854 780.42	869 998.98	885 217.64	900 436.39	915 655.24
1 22 30	854 946.75	870 165.21	885 383.76	900 602.41	915 821.17
1 25 00	855 118.20	870 336.55	885 555.00	900 773.55	915 992.19
1 27 30	855 294.77	870 513.01	885 731.36	900 949.80	916 168.33
1 30 00	855 476.45	870 694.59	885 912.82	901 131.15	916 349.57
1 32 30	855 663.26	870 881.28	886 099.40	901 317.61	916 535.93
1 35 00	855 855.18	871 073.09	886 291.09	901 509.19	916 727.38
1 37 30	856 052.22	871 270.01	886 487.89	901 705.87	916 923.94
1 40 00	856 254.39	871 472.05	886 689.81	901 907.66	917 125.61
1 42 30	856 461.67	871 679.20	886 896.84	902 114.56	917 332.39
1 45 00	856 674.07	871 891.47	887 108.98	902 326.58	917 544.27
1 47 30	856 891.59	872 108.86	887 326.24	902 543.70	917 761.26
1 50 00	857 114.22	872 331.37	887 548.61	902 765.93	917 983.35
1 52 30	857 341.99	872 558.99	887 776.09	902 993.28	918 210.56
1 55 00	857 574.87	872 791.73	888 008.68	903 225.73	918 442.87
1 57 30	857 812.87	873 029.58	888 246.40	903 463.29	918 680.29
2 00 00	858 055.98	873 272.55	888 489.22	903 705.97	918 922.81
2 02 30	858 304.22	873 520.64	888 737.16	903 953.76	919 170.45
2 05 00	858 557.58	873 773.85	888 990.21	904 206.65	919 423.19
2 07 30	858 816.06	874 032.17	889 248.37	904 464.66	919 681.04
2 10 00	859 079.66	874 295.61	889 511.65	904 727.78	919 943.99
2 12 30	859 348.38	874 564.17	889 780.04	904 996.01	920 212.06
2 15 00	859 622.22	874 837.84	890 053.55	905 269.35	920 485.23
2 17 30	859 901.18	875 116.64	890 332.18	905 547.80	920 763.51
2 20 00	860 185.27	875 400.55	890 615.91	905 831.36	921 046.90
2 22 30	860 474.47	875 689.57	890 904.76	906 120.04	921 335.40
2 25 00	860 768.80	875 983.72	891 198.73	906 413.82	921 629.01
2 27 30	861 068.24	876 282.98	891 497.81	906 712.72	921 927.72
2 30 00	861 372.81	876 587.37	891 802.01	907 016.74	922 231.54
2 32 30	861 682.50	876 896.87	892 111.32	907 325.86	922 540.47
2 35 00	861 997.31	877 211.49	892 425.75	907 640.09	922 854.52
2 37 30	862 317.25	877 531.23	892 745.29	907 959.44	923 173.67
2 40 00	862 642.30	877 856.09	893 069.96	908 283.90	923 497.93
2 42 30	862 972.48	878 186.06	893 399.73	908 613.47	923 827.30
2 45 00	863 307.77	878 521.16	893 734.62	908 948.16	924 161.78
2 47 30	863 648.20	878 861.38	894 074.63	909 287.96	924 501.37
2 50 00	863 993.74	879 206.71	894 419.75	909 632.87	924 846.07
2 52 30	864 344.41	879 557.16	894 769.99	909 982.90	925 195.88
2 55 00	864 700.20	879 912.73	895 125.35	910 338.04	925 550.80
2 57 30	865 061.11	880 273.43	895 485.82	910 698.29	925 910.83
3 00 00	865 427.15	880 639.24	895 851.41	911 063.65	926 275.97

Second-difference correction to y for indicated value of k (for all Δλ's)

k	0" 150"	5" 145"	10" 140"	15" 135"	20" 130"	25" 125"	30" 120"	35" 115"	40" 110"	45" 105"	50" 100"	55" 95"	60" 90"	65" 85"	70" 80"	75" 75"
Correction	-.01	-.09	-.17	-.24	-.31	-.37	-.42	-.47	-.51	-.55	-.58	-.61	-.63	-.64	-.65	-.65

Correction for h is negligible

ALASKA – ZONES 2 TO 9
STATE PLANE COORDINATES IN FEET – X'

Δλ \ φ	56 30 00	56 32 30	56 35 00	56 37 30	56 40 00
0 00 00	0.00	0.00	0.00	0.00	0.00
0 02 30	8 418.20	8 408.97	8 399.73	8 390.49	8 381.25
0 05 00	16 836.40	16 817.94	16 799.46	16 780.98	16 762.49
0 07 30	25 254.60	25 226.90	25 199.20	25 171.47	25 143.73
0 10 00	33 672.79	33 635.86	33 598.92	33 561.95	33 524.97
0 12 30	42 090.98	42 044.82	41 998.63	41 952.43	41 906.20
0 15 00	50 509.15	50 453.76	50 398.34	50 342.89	50 287.42
0 17 30	58 927.32	58 862.69	58 798.04	58 733.35	58 668.63
0 20 00	67 345.48	67 271.62	67 197.72	67 123.79	67 049.82
0 22 30	75 763.61	75 680.52	75 597.39	75 514.22	75 431.01
0 25 00	84 181.74	84 089.42	83 997.05	83 904.63	83 812.17
0 27 30	92 599.85	92 498.29	92 396.69	92 295.03	92 193.32
0 30 00	101 017.93	100 907.14	100 796.30	100 685.41	100 574.46
0 32 30	109 436.00	109 315.98	109 195.90	109 075.76	108 955.57
0 35 00	117 854.05	117 724.79	117 595.48	117 466.09	117 336.66
0 37 30	126 272.06	126 133.58	125 995.03	125 856.40	125 717.71
0 40 00	134 690.06	134 542.34	134 394.55	134 246.69	134 098.75
0 42 30	143 108.03	142 951.08	142 794.05	142 636.94	142 479.76
0 45 00	151 525.96	151 359.78	151 193.51	151 027.17	150 860.74
0 47 30	159 943.87	159 768.45	159 592.95	159 417.36	159 241.68
0 50 00	168 361.74	168 177.09	167 992.35	167 807.52	167 622.60
0 52 30	176 779.58	176 585.69	176 391.72	176 197.64	176 003.48
0 55 00	185 197.38	184 994.26	184 791.05	184 587.73	184 384.32
0 57 30	193 615.14	193 402.79	193 190.34	192 977.78	192 765.12
1 00 00	202 032.86	201 811.28	201 589.59	201 367.79	201 145.88
1 02 30	210 450.55	210 219.73	209 988.80	209 757.76	209 526.61
1 05 00	218 868.18	218 628.14	218 387.97	218 147.68	217 907.28
1 07 30	227 285.78	227 036.49	226 787.09	226 537.56	226 287.91
1 10 00	235 703.32	235 444.81	235 186.16	234 927.39	234 668.50
1 12 30	244 120.82	243 853.07	243 585.19	243 317.17	243 049.03
1 15 00	252 538.27	252 261.28	251 984.16	251 706.90	251 429.52
1 17 30	260 955.67	260 669.45	260 383.08	260 096.58	259 809.95
1 20 00	269 373.00	269 077.55	268 781.95	268 486.21	268 190.32
1 22 30	277 790.29	277 485.60	277 180.76	276 875.77	276 570.64
1 25 00	286 207.52	285 893.59	285 579.51	285 265.28	284 950.90
1 27 30	294 624.68	294 301.53	293 978.21	293 654.74	293 331.11
1 30 00	303 041.79	302 709.40	302 376.85	302 044.13	301 711.25
1 32 30	311 458.84	311 117.21	310 775.42	310 433.45	310 091.33
1 35 00	319 875.82	319 524.96	319 173.92	318 822.72	318 471.34
1 37 30	328 292.73	327 932.63	327 572.36	327 211.91	326 851.29
1 40 00	336 709.58	336 340.25	335 970.73	335 601.04	335 231.17
1 42 30	345 126.36	344 747.79	344 369.04	343 990.10	343 610.98
1 45 00	353 543.07	353 155.26	352 767.27	352 379.08	351 990.71
1 47 30	361 959.70	361 562.66	361 165.42	360 767.99	360 370.37
1 50 00	370 376.26	369 969.98	369 563.50	369 156.83	368 749.96
1 52 30	378 792.74	378 377.23	377 961.51	377 545.59	377 129.48
1 55 00	387 209.14	386 784.39	386 359.43	385 934.27	385 508.90
1 57 30	395 625.47	395 191.48	394 757.28	394 322.87	393 888.25
2 00 00	404 041.71	403 598.49	403 155.05	402 711.39	402 267.53
2 02 30	412 457.87	412 005.41	411 552.73	411 099.82	410 646.70
2 05 00	420 873.94	420 412.24	419 950.32	419 488.17	419 025.81
2 07 30	429 289.93	428 818.99	428 347.83	427 876.43	427 404.81
2 10 00	437 705.82	437 225.65	436 745.25	436 264.60	435 783.73
2 12 30	446 121.63	445 632.22	445 142.57	444 652.69	444 162.57
2 15 00	454 537.35	454 038.70	453 539.81	453 040.67	452 541.30
2 17 30	462 952.97	462 445.08	461 936.95	461 428.56	460 919.94
2 20 00	471 368.49	470 851.37	470 333.99	469 816.36	469 298.49
2 22 30	479 783.93	479 257.56	478 730.94	478 204.06	477 676.93
2 25 00	488 199.25	487 663.65	487 127.79	486 591.66	486 055.28
2 27 30	496 614.48	496 069.64	495 524.53	494 979.15	494 433.52
2 30 00	505 029.61	504 475.52	503 921.17	503 366.55	502 811.66
2 32 30	513 444.62	512 881.30	512 317.71	511 753.84	511 189.70
2 35 00	521 859.54	521 286.98	520 714.14	520 141.02	519 567.63
2 37 30	530 274.35	529 692.55	529 110.46	528 528.09	527 945.44
2 40 00	538 689.04	538 098.00	537 506.67	536 915.05	536 323.15
2 42 30	547 103.63	546 503.34	545 902.77	545 301.90	544 700.75
2 45 00	555 518.10	554 908.58	554 298.75	553 688.64	553 078.23
2 47 30	563 932.46	563 313.69	562 694.63	562 075.26	561 455.59
2 50 00	572 346.70	571 718.69	571 090.38	570 461.76	569 832.84
2 52 30	580 760.82	580 123.57	579 486.01	578 848.14	578 209.97
2 55 00	589 174.82	588 528.33	587 881.52	587 234.40	586 586.98
2 57 30	597 588.70	596 932.97	596 276.92	595 620.54	594 963.86
3 00 00	606 002.46	605 337.48	604 672.18	604 006.56	603 340.62

Second-difference correction to x' for indicated values of h and Δλ

Δλ \ h	0" 150"	15" 135"	30" 120"	45" 105"	60" 90"	75" 75"
0°	0	0	0	0	0	0
1°	0	+.01	+.01	+.02	+.02	+.02
2°	+.01	+.02	+.03	+.03	+.03	+.04
3°	+.01	+.03	+.04	+.05	+.05	+.05

Correction for k is negligible

ALASKA – ZONES 2 TO 9
STATE PLANE COORDINATES IN FEET – Y

Δλ \ φ	56 30 00	56 32 30	56 35 00	56 37 30	56 40 00
0 00 00	913 041.41	928 261.97	943 482.63	958 703.40	973 924.28
0 02 30	913 043.96	928 264.52	943 485.18	958 705.95	973 926.83
0 05 00	913 051.62	928 272.17	943 492.83	958 713.59	973 934.46
0 07 30	913 064.38	928 284.93	943 505.58	958 726.33	973 947.20
0 10 00	913 082.25	928 302.78	943 523.42	958 744.17	973 965.02
0 12 30	913 105.22	928 325.74	943 546.37	958 767.10	973 987.93
0 15 00	913 133.30	928 353.80	943 574.41	958 795.12	974 015.94
0 17 30	913 166.48	928 386.96	943 607.55	958 828.24	974 049.04
0 20 00	913 204.76	928 425.23	943 645.79	958 866.46	974 087.23
0 22 30	913 248.16	928 468.59	943 689.13	958 909.77	974 130.52
0 25 00	913 296.65	928 517.06	943 737.57	958 958.18	974 178.89
0 27 30	913 350.26	928 570.63	943 791.10	959 011.68	974 232.36
0 30 00	913 408.97	928 629.30	943 849.74	959 070.28	974 290.93
0 32 30	913 472.78	928 693.07	943 913.47	959 133.98	974 354.58
0 35 00	913 541.69	928 761.95	943 982.30	959 202.77	974 423.33
0 37 30	913 615.72	928 835.92	944 056.24	959 276.65	974 497.17
0 40 00	913 694.85	928 915.01	944 135.27	959 355.63	974 576.10
0 42 30	913 779.08	928 999.19	944 219.40	959 439.71	974 660.12
0 45 00	913 868.42	929 088.47	944 308.63	959 528.88	974 749.24
0 47 30	913 962.86	929 182.86	944 402.95	959 623.15	974 843.45
0 50 00	914 062.41	929 282.35	944 502.38	959 722.52	974 942.75
0 52 30	914 167.07	929 386.94	944 606.90	959 826.97	975 047.15
0 55 00	914 276.83	929 496.63	944 716.53	959 936.53	975 156.64
0 57 30	914 391.69	929 611.42	944 831.25	960 051.19	975 271.22
1 00 00	914 511.66	929 731.32	944 951.08	960 170.93	975 390.89
1 02 30	914 636.74	929 856.32	945 076.00	960 295.78	975 515.66
1 05 00	914 766.92	929 986.42	945 206.02	960 425.72	975 645.52
1 07 30	914 902.21	930 121.63	945 341.14	960 560.76	975 780.48
1 10 00	915 042.61	930 261.94	945 481.36	960 700.89	975 920.52
1 12 30	915 188.10	930 407.35	945 626.68	960 846.12	976 065.66
1 15 00	915 338.71	930 557.86	945 777.10	960 996.45	976 215.90
1 17 30	915 494.42	930 713.47	945 932.62	961 151.87	976 371.22
1 20 00	915 655.24	930 874.19	946 093.24	961 312.39	976 531.64
1 22 30	915 821.17	931 040.02	946 258.96	961 478.00	976 697.15
1 25 00	915 992.19	931 210.94	946 429.78	961 648.72	976 867.75
1 27 30	916 168.33	931 386.97	946 605.70	961 824.53	977 043.46
1 30 00	916 349.57	931 568.10	946 786.72	962 005.43	977 224.25
1 32 30	916 535.93	931 754.33	946 972.84	962 191.44	977 410.13
1 35 00	916 727.38	931 945.67	947 164.06	962 382.54	977 601.12
1 37 30	916 923.94	932 142.11	947 360.38	962 578.74	977 797.19
1 40 00	917 125.61	932 343.66	947 561.80	962 780.03	977 998.36
1 42 30	917 332.39	932 550.30	947 768.32	962 986.42	978 204.62
1 45 00	917 544.27	932 762.05	947 979.94	963 197.91	978 415.98
1 47 30	917 761.26	932 978.91	948 196.66	963 414.50	978 632.44
1 50 00	917 983.35	933 200.87	948 418.48	963 636.18	978 853.98
1 52 30	918 210.56	933 427.93	948 645.40	963 862.96	979 080.62
1 55 00	918 442.87	933 660.10	948 877.42	964 094.84	979 312.35
1 57 30	918 680.29	933 897.37	949 114.55	964 331.82	979 549.18
2 00 00	918 922.81	934 139.75	949 356.78	964 573.89	979 791.10
2 02 30	919 170.45	934 387.23	949 604.10	964 821.07	980 038.13
2 05 00	919 423.19	934 639.82	949 856.54	965 073.34	980 290.24
2 07 30	919 681.04	934 897.50	950 114.06	965 330.71	980 547.45
2 10 00	919 943.99	935 160.30	950 376.69	965 593.18	980 809.75
2 12 30	920 212.06	935 428.20	950 644.43	965 860.75	981 077.15
2 15 00	920 485.23	935 701.20	950 917.26	966 133.41	981 349.65
2 17 30	920 763.51	935 979.31	951 195.20	966 411.17	981 627.24
2 20 00	921 046.90	936 262.52	951 478.24	966 694.03	981 909.92
2 22 30	921 335.40	936 550.85	951 766.38	966 982.00	982 197.70
2 25 00	921 629.01	936 844.27	952 059.62	967 275.06	982 490.58
2 27 30	921 927.72	937 142.80	952 357.96	967 573.22	982 788.56
2 30 00	922 231.54	937 446.44	952 661.41	967 876.48	983 091.62
2 32 30	922 540.47	937 755.18	952 969.96	968 184.84	983 399.79
2 35 00	922 854.52	938 069.03	953 283.62	968 498.29	983 713.05
2 37 30	923 173.67	938 387.98	953 602.37	968 816.85	984 031.41
2 40 00	923 497.93	938 712.04	953 926.24	969 140.51	984 354.87
2 42 30	923 827.30	939 041.21	954 255.20	969 469.27	984 683.42
2 45 00	924 161.78	939 375.48	954 589.26	969 803.13	985 017.07
2 47 30	924 501.37	939 714.86	954 928.43	970 142.09	985 355.81
2 50 00	924 846.07	940 059.35	955 272.71	970 486.15	985 699.66
2 52 30	925 195.88	940 408.95	955 622.08	970 835.30	986 048.60
2 55 00	925 550.80	940 763.64	955 976.56	971 189.56	986 402.64
2 57 30	925 910.83	941 123.45	956 336.15	971 548.93	986 761.78
3 00 00	926 275.97	941 488.36	956 700.84	971 913.38	987 126.01

Second-difference correction to y for indicated value of k (for all Δλ's)

k	0" 150"	5" 145"	10" 140"	15" 135"	20" 130"	25" 125"	30" 120"	35" 115"	40" 110"	45" 105"	50" 100"	55" 95"	60" 90"	65" 85"	70" 80"	75" 75"
Correction	-.01	-.09	-.17	-.24	-.30	-.36	-.41	-.46	-.50	-.54	-.57	-.60	-.62	-.63	-.64	-.64

Correction for h is negligible

ALASKA – ZONES 2 TO 9
STATE PLANE COORDINATES IN FEET – X'

Δλ \ φ	56 40 00	56 42 30	56 45 00	56 47 30	56 50 00
0 00 00	0.00	0.00	0.00	0.00	0.00
0 02 30	8 381.25	8 372.00	8 362.74	8 353.48	8 344.22
0 05 00	16 762.49	16 743.99	16 725.48	16 706.96	16 688.43
0 07 30	25 143.73	25 115.98	25 088.22	25 060.44	25 032.65
0 10 00	33 524.97	33 487.97	33 450.95	33 413.91	33 376.86
0 12 30	41 906.20	41 859.95	41 813.67	41 767.38	41 721.06
0 15 00	50 287.42	50 231.92	50 176.39	50 120.83	50 065.25
0 17 30	58 668.63	58 603.88	58 539.09	58 474.28	58 409.43
0 20 00	67 049.82	66 975.82	66 901.78	66 827.71	66 753.60
0 22 30	75 431.01	75 347.76	75 264.46	75 181.13	75 097.76
0 25 00	83 812.17	83 719.68	83 627.13	83 534.53	83 441.89
0 27 30	92 193.32	92 091.57	91 989.77	91 887.92	91 786.01
0 30 00	100 574.46	100 463.45	100 352.39	100 241.28	100 130.12
0 32 30	108 955.57	108 835.31	108 715.00	108 594.63	108 474.20
0 35 00	117 336.66	117 207.15	117 077.58	116 947.95	116 818.25
0 37 30	125 717.71	125 578.96	125 440.14	125 301.25	125 162.29
0 40 00	134 098.75	133 950.74	133 802.67	133 654.52	133 506.30
0 42 30	142 479.76	142 322.50	142 165.17	142 007.76	141 850.2[illegible]
0 45 00	150 860.74	150 694.23	150 527.64	150 360.97	150 194.22
0 47 30	159 241.68	159 065.93	158 890.08	158 714.15	158 538.14
0 50 00	167 622.60	167 437.59	167 252.49	167 067.30	166 882.02
0 52 30	176 003.48	175 809.22	175 614.86	175 420.41	175 225.87
0 55 00	184 384.32	184 180.81	183 977.20	183 773.48	183 569.68
0 57 30	192 765.12	192 552.36	192 339.49	192 126.52	191 913.45
1 00 00	201 145.88	200 923.87	200 701.74	200 479.52	200 257.18
1 02 30	209 526.61	209 295.34	209 063.96	208 832.47	208 600.87
1 05 00	217 907.28	217 666.76	217 426.13	217 185.38	216 944.51
1 07 30	226 287.91	226 038.14	225 788.25	225 538.24	225 288.11
1 10 00	234 668.50	234 409.48	234 150.33	233 891.06	233 631.66
1 12 30	243 049.03	242 780.76	242 512.35	242 243.82	241 975.16
1 15 00	251 429.52	251 151.99	250 874.33	250 596.54	250 318.61
1 17 30	259 809.95	259 523.17	259 236.25	258 949.20	258 662.01
1 20 00	268 190.32	267 894.29	267 598.12	267 301.80	267 005.35
1 22 30	276 570.64	276 265.36	275 959.93	275 654.35	275 348.63
1 25 00	284 950.90	284 636.37	284 321.69	284 006.85	283 691.86
1 27 30	293 331.11	293 007.32	292 683.38	292 359.28	292 035.02
1 30 00	301 711.25	301 378.21	301 045.01	300 711.65	300 378.13
1 32 30	310 091.33	309 749.04	309 406.58	309 063.96	308 721.17
1 35 00	318 471.34	318 119.80	317 768.08	317 416.20	317 064.14
1 37 30	326 851.29	326 490.49	326 129.52	325 768.37	325 407.05
1 40 00	335 231.17	334 861.12	334 490.88	334 120.48	333 749.89
1 42 30	343 610.98	343 231.67	342 852.18	342 472.51	342 092.66
1 45 00	351 990.71	351 602.15	351 213.41	350 824.47	350 435.35
1 47 30	360 370.37	359 972.56	359 574.56	359 176.36	358 777.97
1 50 00	368 749.96	368 342.90	367 935.63	367 528.17	367 120.52
1 52 30	377 129.48	376 713.15	376 296.63	375 879.91	375 462.98
1 55 00	385 508.90	385 083.33	384 657.55	384 231.56	383 805.37
1 57 30	393 888.25	393 453.43	393 018.38	392 583.14	392 147.68
2 00 00	402 267.53	401 823.44	401 379.14	400 934.62	400 489.90
2 02 30	410 646.70	410 193.37	409 739.81	409 286.03	408 832.03
2 05 00	419 025.81	418 563.21	418 100.39	417 637.35	417 174.09
2 07 30	427 404.81	426 932.96	426 460.89	425 988.58	425 516.05
2 10 00	435 783.73	435 302.63	434 821.29	434 339.72	433 857.92
2 12 30	444 162.57	443 672.20	443 181.60	442 690.77	442 199.70
2 15 00	452 541.30	452 041.68	451 541.82	451 041.72	450 541.38
2 17 30	460 919.94	460 411.07	459 901.95	459 392.58	458 882.97
2 20 00	469 298.49	468 780.36	468 261.98	467 743.35	467 224.47
2 22 30	477 676.93	477 149.54	476 621.90	476 094.01	475 565.86
2 25 00	486 055.28	485 518.64	484 981.73	484 444.57	483 907.15
2 27 30	494 433.52	493 887.62	493 341.46	492 795.03	492 248.34
2 30 00	502 811.66	502 256.51	501 701.08	501 145.38	500 589.43
2 32 30	511 189.70	510 625.28	510 060.59	509 495.63	508 930.40
2 35 00	519 567.63	518 993.95	518 420.00	517 845.78	51[illegible] 271.27
2 37 30	527 945.44	527 362.51	526 779.30	526 195.80	525 612.03
2 40 00	536 323.15	535 730.97	535 138.49	534 545.73	533 952.68
2 42 30	544 700.75	544 099.30	543 497.56	542 895.53	542 293.21
2 45 00	553 078.23	552 467.52	551 856.52	551 245.23	550 633.64
2 47 30	561 455.59	560 835.63	560 215.36	559 594.80	558 973.94
2 50 00	569 832.84	569 203.62	568 574.09	567 944.25	567 314.12
2 52 30	578 209.97	577 571.49	576 932.69	576 293.59	575 654.19
2 55 00	586 586.98	585 939.23	585 291.18	584 642.80	583 994.13
2 57 30	594 963.86	594 306.86	593 649.54	592 991.89	592 333.94
3 00 00	603 340.62	602 674.36	602 007.77	601 340.86	600 673.63

Second-difference correction to x' for indicated values of h and Δλ

Δλ \ h	0" 150"	15" 135"	30" 120"	45" 105"	60" 90"	75" 75"
0°	0	0	0	0	0	0
1°	0	+.01	+.01	+.02	+.02	+.02
2°	+.01	+.02	+.03	+.03	+.03	+.04
3°	+.01	+.03	+.04	+.05	+.05	+.05

Correction for k is negligible

ALASKA – ZONES 2 TO 9
STATE PLANE COORDINATES IN FEET – Y

Δλ \ φ	56 40 00	56 42 30	56 45 00	56 47 30	56 50 00
0 00 00	973 924.28	989 145.26	1004 366.34	1019 587.52	1034 808.81
0 02 30	973 926.83	989 147.81	1004 368.88	1019 590.06	1034 811.35
0 05 00	973 934.46	989 155.44	1004 376.51	1019 597.69	1034 818.97
0 07 30	973 947.20	989 168.16	1004 389.22	1019 610.39	1034 831.67
0 10 00	973 965.02	989 185.97	1004 407.03	1019 628.18	1034 849.45
0 12 30	973 987.93	989 208.87	1004 429.91	1019 651.05	1034 872.30
0 15 00	974 015.94	989 236.86	1004 457.88	1019 679.01	1034 900.24
0 17 30	974 049.04	989 269.94	1004 490.94	1019 712.05	1034 933.26
0 20 00	974 087.23	989 308.11	1004 529.09	1019 750.17	1034 971.35
0 22 30	974 130.52	989 351.37	1004 572.32	1019 793.37	1035 014.53
0 25 00	974 178.89	989 399.71	1004 620.64	1019 841.66	1035 062.79
0 27 30	974 232.36	989 453.15	1004 674.04	1019 895.02	1035 116.12
0 30 00	974 290.93	989 511.68	1004 732.53	1019 953.48	1035 174.54
0 32 30	974 354.58	989 575.29	1004 796.10	1020 017.01	1035 238.03
0 35 00	974 423.33	989 644.00	1004 864.76	1020 085.63	1035 306.60
0 37 30	974 497.17	989 717.79	1004 938.51	1020 159.33	1035 380.26
0 40 00	974 576.10	989 796.67	1005 017.34	1020 238.11	1035 458.99
0 42 30	974 660.12	989 880.64	1005 101.26	1020 321.98	1035 542.80
0 45 00	974 749.24	989 969.71	1005 190.27	1020 410.93	1035 631.70
0 47 30	974 843.45	990 063.86	1005 284.36	1020 504.96	1035 725.67
0 50 00	974 942.75	990 163.10	1005 383.53	1020 604.08	1035 824.72
0 52 30	975 047.15	990 267.43	1005 487.80	1020 708.28	1035 928.85
0 55 00	975 156.64	990 376.85	1005 597.15	1020 817.56	1036 038.07
0 57 30	975 271.22	990 491.36	1005 711.59	1020 931.92	1036 152.36
1 00 00	975 390.89	990 610.96	1005 831.11	1021 051.37	1036 271.73
1 02 30	975 515.66	990 735.65	1005 955.72	1021 175.90	1036 396.18
1 05 00	975 645.52	990 865.43	1006 085.42	1021 305.52	1036 525.72
1 07 30	975 780.48	991 000.29	1006 220.21	1021 440.22	1036 660.33
1 10 00	975 920.52	991 140.25	1006 360.07	1021 580.00	1036 800.03
1 12 30	976 065.66	991 285.30	1006 505.03	1021 724.86	1036 944.80
1 15 00	976 215.90	991 435.44	1006 655.07	1021 874.81	1037 094.65
1 17 30	976 371.22	991 590.67	1006 810.21	1022 029.85	1037 249.59
1 20 00	976 531.64	991 750.99	1006 970.42	1022 189.96	1037 409.60
1 22 30	976 697.15	991 916.40	1007 135.73	1022 355.17	1037 574.70
1 25 00	976 867.75	992 086.89	1007 306.12	1022 525.45	1037 744.88
1 27 30	977 043.46	992 262.48	1007 481.60	1022 700.82	1037 920.13
1 30 00	977 224.25	992 443.17	1007 662.16	1022 881.27	1038 100.47
1 32 30	977 410.13	992 628.93	1007 847.82	1023 066.81	1038 285.89
1 35 00	977 601.12	992 819.80	1008 038.56	1023 257.43	1038 476.39
1 37 30	977 797.19	993 015.75	1008 234.39	1023 453.13	1038 671.97
1 40 00	977 998.36	993 216.79	1008 435.31	1023 653.92	1038 872.63
1 42 30	978 204.62	993 422.92	1008 641.31	1023 859.80	1039 078.37
1 45 00	978 415.98	993 634.15	1008 852.40	1024 070.75	1039 289.20
1 47 30	978 632.44	993 850.46	1009 068.58	1024 286.80	1039 505.10
1 50 00	978 853.98	994 071.87	1009 289.85	1024 507.92	1039 726.09
1 52 30	979 080.62	994 298.37	1009 516.20	1024 734.14	1039 952.16
1 55 00	979 312.35	994 529.96	1009 747.65	1024 965.43	1040 183.31
1 57 30	979 549.18	994 766.64	1009 984.18	1025 201.81	1040 419.54
2 00 00	979 791.10	995 008.41	1010 225.80	1025 443.28	1040 660.86
2 02 30	980 038.13	995 255.28	1010 472.51	1025 689.83	1040 907.26
2 05 00	980 290.24	995 507.23	1010 724.31	1025 941.47	1041 158.73
2 07 30	980 547.45	995 764.28	1010 981.19	1026 198.20	1041 415.29
2 10 00	980 809.75	996 026.42	1011 243.17	1026 460.01	1041 676.94
2 12 30	981 077.15	996 293.65	1011 510.23	1026 726.90	1041 943.66
2 15 00	981 349.65	996 565.97	1011 782.38	1026 998.88	1042 215.47
2 17 30	981 627.24	996 843.39	1012 059.62	1027 275.95	1042 492.36
2 20 00	981 909.92	997 125.90	1012 341.95	1027 558.10	1042 774.33
2 22 30	982 197.70	997 413.50	1012 629.38	1027 845.34	1043 061.39
2 25 00	982 490.58	997 706.20	1012 921.88	1028 137.66	1043 353.53
2 27 30	982 788.56	998 003.98	1013 219.48	1028 435.07	1043 650.75
2 30 00	983 091.62	998 306.86	1013 522.17	1028 737.57	1043 953.05
2 32 30	983 399.79	998 614.83	1013 829.95	1029 045.16	1044 260.44
2 35 00	983 713.05	998 927.90	1014 142.82	1029 357.83	1044 572.91
2 37 30	984 031.41	999 246.06	1014 460.78	1029 675.58	1044 890.47
2 40 00	984 354.87	999 569.31	1014 783.83	1029 998.43	1045 213.11
2 42 30	984 683.42	999 897.66	1015 111.96	1030 326.36	1045 540.84
2 45 00	985 017.07	1000 231.10	1015 445.19	1030 659.38	1045 873.64
2 47 30	985 355.81	1000 569.63	1015 783.52	1030 997.49	1046 211.53
2 50 00	985 699.66	1000 913.26	1016 126.93	1031 340.68	1046 554.51
2 52 30	986 048.60	1001 261.98	1016 475.43	1031 688.96	1046 902.57
2 55 00	986 402.64	1001 615.80	1016 829.02	1032 042.33	1047 255.71
2 57 30	986 761.78	1001 974.71	1017 187.71	1032 400.79	1047 613.94
3 00 00	987 126.01	1002 338.71	1017 551.48	1032 764.33	1047 977.26

Second-difference correction to y for indicated value of k (for all Δλ's)

k	0" 150"	5" 145"	10" 140"	15" 135"	20" 130"	25" 125"	30" 120"	35" 115"	40" 110"	45" 105"	50" 100"	55" 95"	60" 90"	65" 85"	70" 80"	75" 75"
Correction	-.01	-.09	-.17	-.24	-.30	-.36	-.41	-.46	-.50	-.54	-.57	-.60	-.62	-.63	-.64	-.6[illegible]

Correction for h is negligible

ALASKA – ZONES 2 TO 9
STATE PLANE COORDINATES IN FEET – X'

Δλ \ φ	56 50 00	56 52 30	56 55 00	56 57 30	57 00 00
0 00 00	0.00	0.00	0.00	0.00	0.00
0 02 30	8 344.22	8 334.95	8 325.68	8 316.40	8 307.12
0 05 00	16 688.43	16 669.90	16 651.35	16 632.80	16 614.24
0 07 30	25 032.65	25 004.85	24 977.03	24 949.20	24 921.35
0 10 00	33 376.86	33 339.78	33 302.69	33 265.59	33 228.46
0 12 30	41 721.06	41 674.72	41 628.36	41 581.97	41 535.56
0 15 00	50 065.25	50 009.64	49 954.01	49 898.34	49 842.65
0 17 30	58 409.43	58 344.56	58 279.65	58 214.71	58 149.74
0 20 00	66 753.60	66 679.46	66 605.28	66 531.06	66 456.81
0 22 30	75 097.76	75 014.34	74 930.89	74 847.39	74 763.86
0 25 00	83 441.89	83 349.21	83 256.49	83 163.72	83 070.90
0 27 30	91 786.01	91 684.07	91 582.07	91 480.02	91 377.92
0 30 00	100 130.12	100 018.90	99 907.63	99 796.30	99 684.92
0 32 30	108 474.20	108 353.71	108 233.17	108 112.56	107 991.90
0 35 00	116 818.25	116 688.50	116 558.68	116 428.80	116 298.86
0 37 30	125 162.29	125 023.27	124 884.17	124 745.02	124 605.79
0 40 00	133 506.30	133 358.00	133 209.64	133 061.20	132 912.70
0 42 30	141 850.28	141 692.72	141 535.08	141 377.36	141 219.58
0 45 00	150 194.22	150 027.39	149 860.48	149 693.49	149 526.42
0 47 30	158 538.14	158 362.04	158 185.85	158 009.59	157 833.23
0 50 00	166 882.02	166 696.65	166 511.20	166 325.65	166 140.02
0 52 30	175 225.87	175 031.23	174 836.50	174 641.67	174 446.76
0 55 00	183 569.68	183 365.77	183 161.77	182 957.67	182 753.47
0 57 30	191 913.45	191 700.27	191 487.00	191 273.62	191 060.13
1 00 00	200 257.18	200 034.73	199 812.19	199 589.53	199 366.76
1 02 30	208 600.87	208 369.16	208 137.33	207 905.39	207 673.35
1 05 00	216 944.51	216 703.53	216 462.43	216 221.21	215 979.89
1 07 30	225 288.11	225 037.86	224 787.49	224 536.99	224 286.38
1 10 00	233 631.66	233 372.14	233 112.49	232 852.72	232 592.82
1 12 30	241 975.16	241 706.37	241 437.45	241 168.40	240 899.22
1 15 00	250 318.61	250 040.55	249 762.35	249 484.03	249 205.56
1 17 30	258 662.01	258 374.67	258 087.20	257 799.60	257 511.85
1 20 00	267 005.35	266 708.74	266 412.00	266 115.11	265 818.08
1 22 30	275 348.63	275 042.76	274 736.74	274 430.57	274 124.26
1 25 00	283 691.86	283 376.71	283 061.42	282 745.97	282 430.38
1 27 30	292 035.02	291 710.61	291 386.04	291 061.31	290 736.44
1 30 00	300 378.13	300 044.45	299 710.60	299 376.59	299 042.43
1 32 30	308 721.17	308 378.22	308 035.10	307 691.81	307 348.36
1 35 00	317 064.14	316 711.92	316 359.52	316 006.96	315 654.23
1 37 30	325 407.05	325 045.55	324 683.88	324 322.04	323 960.02
1 40 00	333 749.89	333 379.12	333 008.18	332 637.05	332 265.75
1 42 30	342 092.66	341 712.62	341 332.39	340 951.99	340 571.41
1 45 00	350 435.35	350 046.04	349 656.54	349 266.86	348 876.99
1 47 30	358 777.97	358 379.39	357 980.62	357 581.65	357 182.50
1 50 00	367 120.52	366 712.66	366 304.61	365 896.37	365 487.93
1 52 30	375 462.98	375 045.86	374 628.53	374 211.00	373 793.28
1 55 00	383 805.37	383 378.97	382 952.37	382 525.56	382 098.55
1 57 30	392 147.68	391 712.01	391 276.12	390 840.04	390 403.74
2 00 00	400 489.90	400 044.96	399 599.80	399 154.43	398 708.84
2 02 30	408 832.03	408 377.82	407 923.38	407 468.73	407 013.86
2 05 00	417 174.09	416 710.60	416 246.89	415 782.95	415 318.80
2 07 30	425 516.05	425 043.28	424 570.30	424 097.08	423 623.64
2 10 00	433 857.92	433 375.89	432 893.62	432 411.12	431 928.39
2 12 30	442 199.70	441 708.39	441 216.84	440 725.06	440 233.05
2 15 00	450 541.38	450 040.80	449 539.98	449 038.91	448 537.61
2 17 30	458 882.97	458 373.12	457 863.02	457 352.67	456 842.08
2 20 00	467 224.47	466 705.34	466 185.96	465 666.33	465 146.45
2 22 30	475 565.86	475 037.46	474 508.80	473 979.89	473 450.72
2 25 00	483 907.15	483 369.47	482 831.53	482 293.34	481 754.89
2 27 30	492 248.34	491 701.39	491 154.17	490 606.69	490 058.95
2 30 00	500 589.43	500 033.20	499 476.70	498 919.93	498 362.91
2 32 30	508 930.40	508 364.90	507 799.13	507 233.07	506 666.76
2 35 00	517 271.27	516 696.50	516 121.44	515 546.10	514 970.50
2 37 30	525 612.03	525 027.98	524 443.64	523 859.02	523 274.13
2 40 00	533 952.68	533 359.35	532 765.73	532 171.83	531 577.65
2 42 30	542 293.21	541 690.61	541 087.71	540 484.52	539 881.05
2 45 00	550 633.64	550 021.75	549 409.57	548 797.10	548 184.34
2 47 30	558 973.94	558 352.78	557 731.32	557 109.56	556 487.51
2 50 00	567 314.12	566 683.69	566 052.94	565 421.90	564 790.56
2 52 30	575 654.19	575 014.47	574 374.45	573 734.12	573 093.48
2 55 00	583 994.13	583 345.14	582 695.83	582 046.21	581 396.29
2 57 30	592 333.94	591 675.68	591 017.09	590 358.18	589 698.97
3 00 00	600 673.63	600 006.09	599 338.21	598 670.02	598 001.52

Second-difference correction to x' for indicated values of h and Δλ

Δλ \ h	0" 150"	15" 135"	30" 120"	45" 105"	60" 90"	75" 75"
0°	0	0	0	0	0	0
1°	0	+.01	+.01	+.02	+.02	+.02
2°	+.01	+.02	+.03	+.03	+.03	+.04
3°	+.01	+.03	+.04	+.05	+.05	+.05

Correction for k is negligible

ALASKA – ZONES 2 TO 9
STATE PLANE COORDINATES IN FEET – Y

Δλ \ φ	56 50 00	56 52 30	56 55 00	56 57 30	57 00 00
0 00 00	1034 808.81	1050 030.20	1065 251.70	1080 473.29	1095 695.00
0 02 30	1034 811.35	1050 032.74	1065 254.23	1080 475.83	1095 697.53
0 05 00	1034 818.97	1050 040.35	1065 261.85	1080 483.44	1095 705.13
0 07 30	1034 831.67	1050 053.05	1065 274.53	1080 496.11	1095 717.80
0 10 00	1034 849.45	1050 070.81	1065 292.28	1080 513.85	1095 735.53
0 12 30	1034 872.30	1050 093.66	1065 315.11	1080 536.67	1095 758.33
0 15 00	1034 900.24	1050 121.57	1065 343.01	1080 564.55	1095 786.19
0 17 30	1034 933.26	1050 154.57	1065 375.99	1080 597.50	1095 819.13
0 20 00	1034 971.35	1050 192.64	1065 414.03	1080 635.53	1095 857.13
0 22 30	1035 014.53	1050 235.79	1065 457.15	1080 678.62	1095 900.19
0 25 00	1035 062.79	1050 284.01	1065 505.35	1080 726.78	1095 948.32
0 27 30	1035 116.12	1050 337.32	1065 558.62	1080 780.02	1096 001.52
0 30 00	1035 174.54	1050 395.70	1065 616.96	1080 838.32	1096 059.79
0 32 30	1035 238.03	1050 459.15	1065 680.37	1080 901.69	1096 123.12
0 35 00	1035 306.60	1050 527.68	1065 748.86	1080 970.13	1096 191.52
0 37 30	1035 380.26	1050 601.28	1065 822.42	1081 043.65	1096 264.98
0 40 00	1035 458.99	1050 679.97	1065 901.05	1081 122.23	1096 343.52
0 42 30	1035 542.80	1050 763.73	1065 984.75	1081 205.88	1096 427.11
0 45 00	1035 631.70	1050 852.57	1066 073.54	1081 294.61	1096 515.78
0 47 30	1035 725.67	1050 946.48	1066 167.39	1081 388.40	1096 609.51
0 50 00	1035 824.72	1051 045.47	1066 266.32	1081 487.26	1096 708.31
0 52 30	1035 928.85	1051 149.53	1066 370.31	1081 591.19	1096 812.18
0 55 00	1036 038.07	1051 258.68	1066 479.39	1081 700.20	1096 921.11
0 57 30	1036 152.36	1051 372.90	1066 593.54	1081 814.27	1097 035.11
1 00 00	1036 271.73	1051 492.19	1066 712.75	1081 933.42	1097 154.18
1 02 30	1036 396.18	1051 616.57	1066 837.05	1082 057.63	1097 278.31
1 05 00	1036 525.72	1051 746.02	1066 966.42	1082 186.91	1097 407.51
1 07 30	1036 660.33	1051 880.54	1067 100.86	1082 321.27	1097 541.78
1 10 00	1036 800.03	1052 020.15	1067 240.38	1082 460.70	1097 681.12
1 12 30	1036 944.80	1052 164.83	1067 384.96	1082 605.19	1097 825.52
1 15 00	1037 094.65	1052 314.59	1067 534.63	1082 754.76	1097 974.99
1 17 30	1037 249.59	1052 469.43	1067 689.36	1082 909.40	1098 129.53
1 20 00	1037 409.60	1052 629.34	1067 849.17	1083 069.11	1098 289.14
1 22 30	1037 574.70	1052 794.33	1068 014.06	1083 233.89	1098 453.81
1 25 00	1037 744.88	1052 964.40	1068 184.02	1083 403.74	1098 623.55
1 27 30	1037 920.13	1053 139.55	1068 359.05	1083 578.66	1098 798.36
1 30 00	1038 100.47	1053 319.77	1068 539.16	1083 758.65	1098 978.23
1 32 30	1038 285.89	1053 505.07	1068 724.35	1083 943.71	1099 163.18
1 35 00	1038 476.39	1053 695.45	1068 914.60	1084 133.85	1099 353.19
1 37 30	1038 671.97	1053 890.90	1069 109.94	1084 329.05	1099 548.27
1 40 00	1038 872.63	1054 091.44	1069 310.34	1084 529.33	1099 748.42
1 42 30	1039 078.37	1054 297.05	1069 515.82	1084 734.68	1099 953.64
1 45 00	1039 289.20	1054 507.74	1069 726.37	1084 945.10	1100 163.92
1 47 30	1039 505.10	1054 723.51	1069 942.00	1085 160.59	1100 379.28
1 50 00	1039 726.09	1054 944.36	1070 162.71	1085 381.16	1100 599.70
1 52 30	1039 952.16	1055 170.28	1070 388.49	1085 606.79	1100 825.19
1 55 00	1040 183.31	1055 401.28	1070 619.34	1085 837.50	1101 055.75
1 57 30	1040 419.54	1055 637.37	1070 855.28	1086 073.28	1101 291.37
2 00 00	1040 660.86	1055 878.52	1071 096.29	1086 314.13	1101 532.07
2 02 30	1040 907.26	1056 124.77	1071 342.37	1086 560.05	1101 777.84
2 05 00	1041 158.73	1056 376.08	1071 593.52	1086 811.05	1102 028.67
2 07 30	1041 415.29	1056 632.48	1071 849.76	1087 067.12	1102 284.57
2 10 00	1041 676.94	1056 893.96	1072 111.06	1087 328.26	1102 545.54
2 12 30	1041 943.66	1057 160.51	1072 377.45	1087 594.47	1102 811.59
2 15 00	1042 215.47	1057 432.15	1072 648.91	1087 865.76	1103 082.70
2 17 30	1042 492.36	1057 708.86	1072 925.45	1088 142.12	1103 358.88
2 20 00	1042 774.33	1057 990.65	1073 207.06	1088 423.55	1103 640.13
2 22 30	1043 061.39	1058 277.53	1073 493.75	1088 710.06	1103 926.45
2 25 00	1043 353.53	1058 569.48	1073 785.52	1089 001.63	1104 217.84
2 27 30	1043 650.75	1058 866.51	1074 082.36	1089 298.29	1104 514.30
2 30 00	1043 953.05	1059 168.62	1074 384.28	1089 600.01	1104 815.83
2 32 30	1044 260.44	1059 475.81	1074 691.27	1089 906.81	1105 122.43
2 35 00	1044 572.91	1059 788.09	1075 003.35	1090 218.68	1105 434.10
2 37 30	1044 890.47	1060 105.44	1075 320.50	1090 535.63	1105 750.85
2 40 00	1045 213.11	1060 427.88	1075 642.72	1090 857.65	1106 072.66
2 42 30	1045 540.84	1060 755.39	1075 970.03	1091 184.75	1106 399.54
2 45 00	1045 873.64	1061 087.99	1076 302.41	1091 516.91	1106 731.50
2 47 30	1046 211.53	1061 425.66	1076 639.87	1091 854.16	1107 068.52
2 50 00	1046 554.51	1061 768.42	1076 982.41	1092 196.48	1107 410.62
2 52 30	1046 902.57	1062 116.26	1077 330.02	1092 543.86	1107 757.79
2 55 00	1047 255.71	1062 469.18	1077 682.72	1092 896.33	1108 110.03
2 57 30	1047 613.94	1062 827.18	1078 040.49	1093 253.88	1108 467.34
3 00 00	1047 977.26	1063 190.26	1078 403.34	1093 616.49	1108 829.72

Second-difference correction to y for indicated value of k (for all Δλ's)

k	0" 150"	5" 145"	10" 140"	15" 135"	20" 130"	25" 125"	30" 120"	35" 115"	40" 110"	45" 105"	50" 100"	55" 95"	60" 90"	65" 85"	70" 80"	75" 75"
Correction	-.01	-.09	-.17	-.24	-.30	-.36	-.41	-.46	-.50	-.54	-.57	-.60	-.62	-.63	-.64	-.64

Correction for h is negligible

ALASKA – ZONES 2 TO 9
STATE PLANE COORDINATES IN FEET – X'

Δλ \ φ	57 00 00	57 02 30	57 05 00	57 07 30	57 10 00
0 00 00	0.00	0.00	0.00	0.00	0.00
0 02 30	8 307.12	8 297.83	8 288.54	8 279.25	8 269.95
0 05 00	16 614.24	16 595.67	16 577.08	16 558.49	16 539.89
0 07 30	24 921.35	24 893.49	24 865.62	24 837.74	24 809.84
0 10 00	33 228.46	33 191.31	33 154.15	33 116.97	33 079.78
0 12 30	41 535.56	41 489.13	41 442.68	41 396.21	41 349.71
0 15 00	49 842.65	49 786.94	49 731.19	49 675.43	49 619.63
0 17 30	58 149.74	58 084.73	58 019.70	57 954.64	57 889.54
0 20 00	66 456.81	66 382.51	66 308.19	66 233.83	66 159.44
0 22 30	74 763.86	74 680.29	74 596.67	74 513.02	74 429.32
0 25 00	83 070.90	82 978.04	82 885.14	82 792.19	82 699.19
0 27 30	91 377.92	91 275.78	91 173.58	91 071.34	90 969.04
0 30 00	99 684.92	99 573.49	99 462.01	99 350.46	99 238.87
0 32 30	107 991.90	107 871.18	107 750.41	107 629.57	107 508.68
0 35 00	116 298.86	116 168.86	116 038.79	115 908.66	115 778.47
0 37 30	124 605.79	124 466.50	124 327.14	124 187.72	124 048.23
0 40 00	132 912.70	132 764.12	132 615.47	132 466.75	132 317.96
0 42 30	141 219.58	141 061.71	140 903.77	140 745.76	140 587.67
0 45 00	149 526.42	149 359.27	149 192.04	149 024.73	148 857.34
0 47 30	157 833.23	157 656.80	157 480.28	157 303.67	157 126.98
0 50 00	166 140.02	165 954.29	165 768.48	165 582.58	165 396.59
0 52 30	174 446.76	174 251.75	174 056.64	173 861.45	173 666.16
0 55 00	182 753.47	182 549.17	182 344.78	182 140.28	181 935.69
0 57 30	191 060.13	190 846.55	190 632.86	190 419.07	190 205.19
1 00 00	199 366.76	199 143.89	198 920.91	198 697.83	198 474.64
1 02 30	207 673.35	207 441.19	207 208.92	206 976.54	206 744.05
1 05 00	215 979.89	215 738.44	215 496.88	215 255.20	215 013.41
1 07 30	224 286.38	224 035.64	223 784.79	223 533.82	223 282.73
1 10 00	232 592.82	232 332.80	232 072.66	231 812.39	231 552.00
1 12 30	240 899.22	240 629.91	240 360.47	240 090.91	239 821.21
1 15 00	249 205.56	248 926.97	248 648.24	248 369.38	248 090.38
1 17 30	257 511.85	257 223.97	256 935.95	256 647.79	256 359.49
1 20 00	265 818.08	265 520.91	265 223.60	264 926.14	264 628.55
1 22 30	274 124.26	273 817.80	273 511.20	273 204.44	272 897.54
1 25 00	282 430.38	282 114.63	281 798.73	281 482.69	281 166.48
1 27 30	290 736.44	290 411.40	290 086.21	289 760.86	289 435.37
1 30 00	299 042.43	298 708.11	298 373.63	298 038.98	297 704.18
1 32 30	307 348.36	307 004.75	306 660.97	306 317.03	305 972.93
1 35 00	315 654.23	315 301.33	314 948.26	314 595.02	314 241.61
1 37 30	323 960.02	323 597.83	323 235.47	322 872.93	322 510.23
1 40 00	332 265.75	331 894.27	331 522.61	331 150.78	330 778.77
1 42 30	340 571.41	340 190.64	339 809.69	339 428.56	339 047.25
1 45 00	348 876.99	348 486.93	348 096.69	347 706.26	347 315.64
1 47 30	357 182.50	356 783.15	356 383.61	355 983.88	355 583.97
1 50 00	365 487.93	365 079.29	364 670.46	364 261.43	363 852.21
1 52 30	373 793.28	373 375.35	372 957.23	372 538.90	372 120.38
1 55 00	382 098.55	381 671.34	381 243.92	380 816.29	380 388.46
1 57 30	390 403.74	389 967.23	389 530.52	389 093.60	388 656.47
2 00 00	398 708.84	398 263.05	397 817.04	397 370.82	396 924.38
2 02 30	407 013.86	406 558.77	406 103.47	405 647.95	405 192.21
2 05 00	415 318.80	414 854.42	414 389.82	413 925.00	413 459.96
2 07 30	423 623.64	423 149.97	422 676.08	422 201.95	421 727.61
2 10 00	431 928.39	431 445.43	430 962.24	430 478.82	429 995.17
2 12 30	440 233.05	439 740.80	439 248.31	438 755.59	438 262.64
2 15 00	448 537.61	448 036.07	447 534.29	447 032.27	446 530.01
2 17 30	456 842.08	456 331.25	455 820.17	455 308.85	454 797.29
2 20 00	465 146.45	464 626.32	464 105.95	463 585.33	463 064.46
2 22 30	473 450.72	472 921.30	472 391.63	471 861.71	471 331.54
2 25 00	481 754.89	481 216.18	480 677.21	480 137.98	479 598.51
2 27 30	490 058.95	489 510.94	488 962.68	488 414.16	487 865.37
2 30 00	498 362.91	497 805.61	497 248.05	496 690.22	496 132.13
2 32 30	506 666.76	506 100.17	505 533.31	504 966.18	504 398.78
2 35 00	514 970.50	514 394.62	513 818.46	513 242.03	512 665.33
2 37 30	523 274.13	522 688.95	522 103.50	521 517.77	520 931.76
2 40 00	531 577.65	530 983.18	530 388.43	529 793.39	529 198.08
2 42 30	539 881.05	539 277.29	538 673.24	538 068.90	537 464.28
2 45 00	548 184.34	547 571.28	546 957.93	546 344.29	545 730.36
2 47 30	556 487.51	555 865.15	555 242.51	554 619.57	553 996.33
2 50 00	564 790.56	564 158.91	563 526.97	562 894.72	562 262.17
2 52 30	573 093.48	572 452.54	571 811.30	571 169.74	570 527.89
2 55 00	581 396.29	580 746.05	580 095.51	579 444.65	578 793.49
2 57 30	589 698.97	589 039.44	588 379.59	587 719.43	587 058.96
3 00 00	598 001.52	597 332.69	596 663.55	595 994.08	595 324.30

Second-difference correction to x' for indicated values of h and Δλ

Δλ \ h	0" 150"	15" 135"	30" 120"	45" 105"	60" 90"	75" 75"
0°	0	0	0	0	0	0
1°	0	+.01	+.01	+.02	+.02	+.02
2°	+.01	+.02	+.03	+.03	+.03	+.04
3°	+.01	+.03	+.04	+.05	+.05	+.05

Correction for k is negligible

ALASKA – ZONES 2 TO 9
STATE PLANE COORDINATES IN FEET – Y

Δλ \ φ	57 00 00	57 02 30	57 05 00	57 07 30	57 10 00
0 00 00	1095 695.00	1110 916.80	1126 138.71	1141 360.72	1156 582.83
0 02 30	1095 697.53	1110 919.33	1126 141.24	1141 363.25	1156 585.36
0 05 00	1095 705.13	1110 926.93	1126 148.83	1141 370.84	1156 592.94
0 07 30	1095 717.80	1110 939.59	1126 161.48	1141 383.48	1156 605.57
0 10 00	1095 735.53	1110 957.31	1126 179.19	1141 401.18	1156 623.26
0 12 30	1095 758.33	1110 980.09	1126 201.96	1141 423.93	1156 646.00
0 15 00	1095 786.19	1111 007.94	1126 229.79	1141 451.74	1156 673.80
0 17 30	1095 819.13	1111 040.85	1126 262.68	1141 484.61	1156 706.64
0 20 00	1095 857.13	1111 078.82	1126 300.63	1141 522.54	1156 744.54
0 22 30	1095 900.19	1111 121.86	1126 343.64	1141 565.52	1156 787.50
0 25 00	1095 948.32	1111 169.96	1126 391.71	1141 613.55	1156 835.50
0 27 30	1096 001.52	1111 223.13	1126 444.84	1141 666.65	1156 888.56
0 30 00	1096 059.79	1111 281.36	1126 503.03	1141 724.80	1156 946.68
0 32 30	1096 123.12	1111 344.65	1126 566.28	1141 788.01	1157 009.84
0 35 00	1096 191.52	1111 413.00	1126 634.59	1141 856.28	1157 078.06
0 37 30	1096 264.98	1111 486.42	1126 707.96	1141 929.60	1157 151.34
0 40 00	1096 343.52	1111 564.90	1126 786.39	1142 007.98	1157 229.67
0 42 30	1096 427.11	1111 648.44	1126 869.88	1142 091.41	1157 313.05
0 45 00	1096 515.78	1111 737.05	1126 958.43	1142 179.91	1157 401.48
0 47 30	1096 609.51	1111 830.72	1127 052.04	1142 273.46	1157 494.97
0 50 00	1096 708.31	1111 929.46	1127 150.71	1142 372.07	1157 593.51
0 52 30	1096 812.18	1112 033.26	1127 254.44	1142 475.73	1157 697.11
0 55 00	1096 921.11	1112 142.12	1127 363.24	1142 584.45	1157 805.76
0 57 30	1097 035.11	1112 256.05	1127 477.09	1142 698.23	1157 919.47
1 00 00	1097 154.18	1112 375.04	1127 596.00	1142 817.06	1158 038.23
1 02 30	1097 278.31	1112 499.09	1127 719.98	1142 940.96	1158 162.03
1 05 00	1097 407.51	1112 628.21	1127 849.01	1143 069.91	1158 290.90
1 07 30	1097 541.78	1112 762.39	1127 983.10	1143 203.91	1158 424.82
1 10 00	1097 681.12	1112 901.64	1128 122.26	1143 342.98	1158 563.79
1 12 30	1097 825.52	1113 045.95	1128 266.48	1143 487.10	1158 707.88
1 15 00	1097 974.99	1113 195.32	1128 415.75	1143 636.28	1158 856.90
1 17 30	1098 129.53	1113 349.76	1128 570.09	1143 790.52	1159 011.04
1 20 00	1098 289.14	1113 509.26	1128 729.49	1143 949.81	1159 170.23
1 22 30	1098 453.81	1113 673.83	1128 893.95	1144 114.17	1159 334.48
1 25 00	1098 623.55	1113 843.46	1129 063.47	1144 283.58	1159 503.78
1 27 30	1098 798.36	1114 018.16	1129 238.06	1144 458.04	1159 678.13
1 30 00	1098 978.23	1114 197.92	1129 417.70	1144 637.57	1159 857.54
1 32 30	1099 163.18	1114 382.74	1129 602.40	1144 822.16	1160 042.00
1 35 00	1099 353.19	1114 572.63	1129 792.17	1145 011.80	1160 231.52
1 37 30	1099 548.27	1114 767.58	1129 987.00	1145 206.50	1160 426.09
1 40 00	1099 748.42	1114 967.60	1130 186.89	1145 406.26	1160 625.72
1 42 30	1099 953.64	1115 172.69	1130 391.84	1145 611.07	1160 830.41
1 45 00	1100 163.92	1115 382.84	1130 601.85	1145 820.95	1161 040.14
1 47 30	1100 379.28	1115 598.05	1130 816.92	1146 035.88	1161 254.93
1 50 00	1100 599.70	1115 818.33	1131 037.06	1146 255.87	1161 474.79
1 52 30	1100 825.19	1116 043.67	1131 262.26	1146 480.93	1161 699.69
1 55 00	1101 055.75	1116 274.08	1131 492.51	1146 711.04	1161 929.65
1 57 30	1101 291.37	1116 509.56	1131 727.84	1146 946.20	1162 164.66
2 00 00	1101 532.07	1116 750.10	1131 968.22	1147 186.43	1162 404.74
2 02 30	1101 777.84	1116 995.71	1132 213.67	1147 431.72	1162 649.86
2 05 00	1102 028.67	1117 246.38	1132 464.18	1147 682.06	1162 900.04
2 07 30	1102 284.57	1117 502.12	1132 719.75	1147 937.47	1163 155.28
2 10 00	1102 545.54	1117 762.92	1132 980.38	1148 197.93	1163 415.57
2 12 30	1102 811.59	1118 028.79	1133 246.08	1148 463.45	1163 680.92
2 15 00	1103 082.70	1118 299.73	1133 516.84	1148 734.04	1163 951.33
2 17 30	1103 358.88	1118 575.73	1133 792.66	1149 009.68	1164 226.79
2 20 00	1103 640.13	1118 856.79	1134 073.55	1149 290.39	1164 507.31
2 22 30	1103 926.45	1119 142.93	1134 359.50	1149 576.15	1164 792.88
2 25 00	1104 217.84	1119 434.13	1134 650.51	1149 866.97	1165 083.52
2 27 30	1104 514.30	1119 730.40	1134 946.58	1150 162.85	1165 379.21
2 30 00	1104 815.83	1120 031.73	1135 247.72	1150 463.80	1165 679.95
2 32 30	1105 122.43	1120 338.14	1135 553.93	1150 769.80	1165 985.76
2 35 00	1105 434.10	1120 649.61	1135 865.20	1151 080.86	1166 296.61
2 37 30	1105 750.85	1120 966.14	1136 181.53	1151 396.99	1166 612.53
2 40 00	1106 072.66	1121 287.75	1136 502.92	1151 718.17	1166 933.50
2 42 30	1106 399.54	1121 614.42	1136 829.38	1152 044.42	1167 259.54
2 45 00	1106 731.50	1121 946.16	1137 160.90	1152 375.73	1167 590.63
2 47 30	1107 068.52	1122 282.97	1137 497.49	1152 712.09	1167 926.77
2 50 00	1107 410.62	1122 624.84	1137 839.14	1153 053.52	1168 267.98
2 52 30	1107 757.79	1122 971.78	1138 185.86	1153 400.01	1168 614.24
2 55 00	1108 110.03	1123 323.80	1138 537.64	1153 751.56	1168 965.57
2 57 30	1108 467.34	1123 680.87	1138 894.49	1154 108.18	1169 321.95
3 00 00	1108 829.72	1124 043.02	1139 256.40	1154 469.85	1169 683.38

Second-difference correction to y for indicated value of k (for all Δλ's)

k	0" 150"	5" 145"	10" 140"	15" 135"	20" 130"	25" 125"	30" 120"	35" 115"	40" 110"	45" 105"	50" 100"	55" 95"	60" 90"	65" 85"	70" 80"	75" 75"
Correction	-.01	-.09	-.17	-.24	-.30	-.36	-.41	-.46	-.50	-.54	-.57	-.60	-.62	-.63	-.64	-.64

Correction for h is negligible

ALASKA – ZONES 2 TO 9
STATE PLANE COORDINATES IN FEET – X'

Δλ \ φ	57 10 00	57 12 30	57 15 00	57 17 30	57 20 00
0 00 00	0.00	0.00	0.00	0.00	0.00
0 02 30	8 269.95	8 260.65	8 251.34	8 242.02	8 232.71
0 05 00	16 539.89	16 521.29	16 502.67	16 484.05	16 465.41
0 07 30	24 809.84	24 781.93	24 754.01	24 726.07	24 698.12
0 10 00	33 079.78	33 042.56	33 005.33	32 968.08	32 930.81
0 12 30	41 349.71	41 303.19	41 256.65	41 210.08	41 163.50
0 15 00	49 619.63	49 563.81	49 507.96	49 452.08	49 396.18
0 17 30	57 889.54	57 824.42	57 759.26	57 694.07	57 628.85
0 20 00	66 159.44	66 085.01	66 010.55	65 936.05	65 861.51
0 22 30	74 429.32	74 345.59	74 261.82	74 178.00	74 094.15
0 25 00	82 699.19	82 606.15	82 513.07	82 419.95	82 326.78
0 27 30	90 969.04	90 866.70	90 764.31	90 661.88	90 559.39
0 30 00	99 238.87	99 127.23	99 015.53	98 903.78	98 791.97
0 32 30	107 508.68	107 387.73	107 266.72	107 145.66	107 024.54
0 35 00	115 778.47	115 648.21	115 517.90	115 387.52	115 257.08
0 37 30	124 048.23	123 908.67	123 769.04	123 629.36	123 489.60
0 40 00	132 317.96	132 169.10	132 020.17	131 871.16	131 722.09
0 42 30	140 587.67	140 429.50	140 271.26	140 112.94	139 954.55
0 45 00	148 857.34	148 689.87	148 522.32	148 354.69	148 186.98
0 47 30	157 126.98	156 950.20	156 773.34	156 596.40	156 419.38
0 50 00	165 396.59	165 210.51	165 024.34	164 838.09	164 651.74
0 52 30	173 666.16	173 470.78	173 275.30	173 079.73	172 884.07
0 55 00	181 935.69	181 731.00	181 526.22	181 321.34	181 116.35
0 57 30	190 205.19	189 991.19	189 777.10	189 562.90	189 348.60
1 00 00	198 474.64	198 251.34	198 027.94	197 804.43	197 580.81
1 02 30	206 744.05	206 511.44	206 278.73	206 045.91	205 812.97
1 05 00	215 013.41	214 771.50	214 529.48	214 287.34	214 045.09
1 07 30	223 282.73	223 031.52	222 780.18	222 528.73	222 277.16
1 10 00	231 552.00	231 291.48	231 030.84	230 770.07	230 509.19
1 12 30	239 821.21	239 551.39	239 281.44	239 011.36	238 741.16
1 15 00	248 090.38	247 811.25	247 531.99	247 252.60	246 973.07
1 17 30	256 359.49	256 071.06	255 782.49	255 493.78	255 204.94
1 20 00	264 628.55	264 330.81	264 032.93	263 734.91	263 436.74
1 22 30	272 897.54	272 590.50	272 283.31	271 975.98	271 668.49
1 25 00	281 166.48	280 850.13	280 533.64	280 216.98	279 900.18
1 27 30	289 435.37	289 109.70	288 783.89	288 457.93	288 131.81
1 30 00	297 704.18	297 369.21	297 034.09	296 698.81	296 363.37
1 32 30	305 972.93	305 628.66	305 284.23	304 939.63	304 594.87
1 35 00	314 241.61	313 888.04	313 534.29	313 180.38	312 826.31
1 37 30	322 510.23	322 147.35	321 784.29	321 421.07	321 057.67
1 40 00	330 778.77	330 406.58	330 034.22	329 661.68	329 288.96
1 42 30	339 047.25	338 665.75	338 284.07	337 902.21	337 520.18
1 45 00	347 315.64	346 924.84	346 533.85	346 142.68	345 751.32
1 47 30	355 583.97	355 183.86	354 783.56	354 383.07	353 982.39
1 50 00	363 852.21	363 442.79	363 033.18	362 623.38	362 213.38
1 52 30	372 120.38	371 701.65	371 282.73	370 863.61	370 444.29
1 55 00	380 388.46	379 960.43	379 532.20	379 103.76	378 675.12
1 57 30	388 656.47	388 219.13	387 781.58	387 343.83	386 905.87
2 00 00	396 924.38	396 477.74	396 030.88	395 583.81	395 136.53
2 02 30	405 192.21	404 736.26	404 280.09	403 823.70	403 367.09
2 05 00	413 459.96	412 994.70	412 529.21	412 063.51	411 597.58
2 07 30	421 727.61	421 253.04	420 778.24	420 303.22	419 827.97
2 10 00	429 995.17	429 511.29	429 027.18	428 542.84	428 058.27
2 12 30	438 262.64	437 769.45	437 276.03	436 782.37	436 288.48
2 15 00	446 530.01	446 027.51	445 524.77	445 021.80	444 518.58
2 17 30	454 797.29	454 285.48	453 773.43	453 261.13	452 748.60
2 20 00	463 064.46	462 543.34	462 021.98	461 500.37	460 978.51
2 22 30	471 331.54	470 801.11	470 270.43	469 739.50	469 208.32
2 25 00	479 598.51	479 058.77	478 518.77	477 978.53	477 438.02
2 27 30	487 865.37	487 316.33	486 767.02	486 217.45	485 667.62
2 30 00	496 132.13	495 573.78	495 015.15	494 456.26	493 897.12
2 32 30	504 398.78	503 831.11	503 263.18	502 694.97	502 126.50
2 35 00	512 665.33	512 088.35	511 511.10	510 933.57	510 355.77
2 37 30	520 931.76	520 345.47	519 758.90	519 172.05	518 584.93
2 40 00	529 198.08	528 602.47	528 006.59	527 410.42	526 813.98
2 42 30	537 464.28	536 859.36	536 254.16	535 648.68	535 042.91
2 45 00	545 730.36	545 116.13	544 501.62	543 886.81	543 271.71
2 47 30	553 996.33	553 372.79	552 748.96	552 124.83	551 500.41
2 50 00	562 262.17	561 629.32	560 996.17	560 362.72	559 728.97
2 52 30	570 527.89	569 885.73	569 243.26	568 600.49	567 957.42
2 55 00	578 793.49	578 142.01	577 490.23	576 838.14	576 185.74
2 57 30	587 058.96	586 398.17	585 737.07	585 075.65	584 413.93
3 00 00	595 324.30	594 654.20	593 983.78	593 313.05	592 641.99

Second-difference correction to x' for indicated values of h and Δλ

Δλ \ h	0" 150"	15" 135"	30" 120"	45" 105"	60" 90"	75" 75"
0°	0	0	0	0	0	0
1°	0	+.01	+.01	+.02	+.02	+.02
2°	+.01	+.02	+.03	+.03	+.03	+.04
3°	+.01	+.03	+.04	+.05	+.05	+.05

Correction for k is negligible

ALASKA – ZONES 2 TO 9
STATE PLANE COORDINATES IN FEET – Y

Δλ \ φ	57 10 00	57 12 30	57 15 00	57 17 30	57 20 00
0 00 00	1156 582.83	1171 805.05	1187 027.37	1202 249.79	1217 472.32
0 02 30	1156 585.36	1171 807.58	1187 029.89	1202 252.32	1217 474.84
0 05 00	1156 592.94	1171 815.15	1187 037.46	1202 259.88	1217 482.40
0 07 30	1156 605.57	1171 827.78	1187 050.08	1202 272.49	1217 495.00
0 10 00	1156 623.26	1171 845.45	1187 067.74	1202 290.14	1217 512.64
0 12 30	1156 646.00	1171 868.18	1187 090.45	1202 312.83	1217 535.32
0 15 00	1156 673.80	1171 895.95	1187 118.21	1202 340.57	1217 563.04
0 17 30	1156 706.64	1171 928.78	1187 151.01	1202 373.36	1217 595.80
0 20 00	1156 744.54	1171 966.65	1187 188.86	1202 411.18	1217 633.60
0 22 30	1156 787.50	1172 009.58	1187 231.76	1202 454.05	1217 676.44
0 25 00	1156 835.50	1172 057.55	1187 279.71	1202 501.96	1217 724.32
0 27 30	1156 888.56	1172 110.58	1187 332.69	1202 554.92	1217 777.24
0 30 00	1156 946.68	1172 168.66	1187 390.74	1202 612.92	1217 835.20
0 32 30	1157 009.84	1172 231.78	1187 453.82	1202 675.96	1217 898.20
0 35 00	1157 078.06	1172 299.96	1187 521.95	1202 744.04	1217 966.24
0 37 30	1157 151.34	1172 373.18	1187 595.12	1202 817.17	1218 039.32
0 40 00	1157 229.67	1172 451.46	1187 673.35	1202 895.35	1218 117.45
0 42 30	1157 313.05	1172 534.78	1187 756.62	1202 978.57	1218 200.60
0 45 00	1157 401.48	1172 623.16	1187 844.94	1203 066.83	1218 288.81
0 47 30	1157 494.97	1172 716.59	1187 938.31	1203 160.13	1218 382.05
0 50 00	1157 593.51	1172 815.07	1188 036.72	1203 258.48	1218 480.33
0 52 30	1157 697.11	1172 918.60	1188 140.18	1203 361.87	1218 583.66
0 55 00	1157 805.76	1173 027.17	1188 248.69	1203 470.30	1218 692.02
0 57 30	1157 919.47	1173 140.80	1188 362.24	1203 583.78	1218 805.42
1 00 00	1158 038.23	1173 259.49	1188 480.84	1203 702.31	1218 923.86
1 02 30	1158 162.03	1173 383.21	1188 604.49	1203 825.87	1219 047.35
1 05 00	1158 290.90	1173 512.00	1188 733.19	1203 954.49	1219 175.88
1 07 30	1158 424.82	1173 645.83	1188 866.93	1204 088.14	1219 309.44
1 10 00	1158 563.79	1173 784.71	1189 005.73	1204 226.84	1219 448.05
1 12 30	1158 707.82	1173 928.64	1189 149.56	1204 370.58	1219 591.70
1 15 00	1158 856.90	1174 077.63	1189 298.45	1204 519.37	1219 740.39
1 17 30	1159 011.04	1174 231.66	1189 452.38	1204 673.20	1219 894.12
1 20 00	1159 170.23	1174 390.75	1189 611.36	1204 832.08	1220 052.89
1 22 30	1159 334.48	1174 554.89	1189 775.39	1204 996.00	1220 216.70
1 25 00	1159 503.78	1174 724.08	1189 944.47	1205 164.96	1220 385.55
1 27 30	1159 678.13	1174 898.32	1190 118.59	1205 338.97	1220 559.45
1 30 00	1159 857.54	1175 077.61	1190 297.77	1205 518.03	1220 738.38
1 32 30	1160 042.00	1175 261.95	1190 481.99	1205 702.12	1220 922.36
1 35 00	1160 231.52	1175 451.34	1190 671.26	1205 891.27	1221 111.37
1 37 30	1160 426.09	1175 645.79	1190 865.57	1206 085.46	1221 305.43
1 40 00	1160 625.72	1175 845.28	1191 064.94	1206 284.69	1221 504.53
1 42 30	1160 830.41	1176 049.83	1191 269.35	1206 488.97	1221 708.68
1 45 00	1161 040.14	1176 259.43	1191 478.81	1206 698.29	1221 917.86
1 47 30	1161 254.93	1176 474.09	1191 693.32	1206 912.66	1222 132.08
1 50 00	1161 474.79	1176 693.79	1191 912.89	1207 132.07	1222 351.35
1 52 30	1161 699.69	1176 918.54	1192 137.49	1207 356.53	1222 575.66
1 55 00	1161 929.65	1177 148.35	1192 367.15	1207 586.04	1222 805.01
1 57 30	1162 164.66	1177 383.21	1192 601.85	1207 820.58	1223 039.41
2 00 00	1162 404.74	1177 623.13	1192 841.61	1208 060.18	1223 278.84
2 02 30	1162 649.86	1177 868.09	1193 086.41	1208 304.82	1223 523.32
2 05 00	1162 900.04	1178 118.11	1193 336.26	1208 554.51	1223 772.84
2 07 30	1163 155.28	1178 373.18	1193 591.16	1208 809.24	1224 027.41
2 10 00	1163 415.57	1178 633.30	1193 851.12	1209 069.02	1224 287.01
2 12 30	1163 680.92	1178 898.48	1194 116.12	1209 333.84	1224 551.66
2 15 00	1163 951.33	1179 168.70	1194 386.16	1209 603.71	1224 821.35
2 17 30	1164 226.79	1179 443.99	1194 661.26	1209 878.63	1225 096.08
2 20 00	1164 507.31	1179 724.32	1194 941.41	1210 158.59	1225 375.86
2 22 30	1164 792.88	1180 009.71	1195 226.61	1210 443.61	1225 660.68
2 25 00	1165 083.52	1180 300.15	1195 516.86	1210 733.66	1225 950.55
2 27 30	1165 379.21	1180 595.64	1195 812.16	1211 028.77	1226 245.45
2 30 00	1165 679.95	1180 896.19	1196 112.51	1211 328.92	1226 545.40
2 32 30	1165 985.76	1181 201.79	1196 417.91	1211 634.11	1226 850.40
2 35 00	1166 296.61	1181 512.45	1196 728.36	1211 944.36	1227 160.44
2 37 30	1166 612.53	1181 828.15	1197 043.86	1212 259.65	1227 475.52
2 40 00	1166 933.50	1182 148.92	1197 364.41	1212 579.99	1227 795.64
2 42 30	1167 259.54	1182 474.74	1197 690.02	1212 905.37	1228 120.81
2 45 00	1167 590.63	1182 805.61	1198 020.67	1213 235.81	1228 451.03
2 47 30	1167 926.77	1183 141.53	1198 356.37	1213 571.29	1228 786.29
2 50 00	1168 267.98	1183 482.51	1198 697.13	1213 911.82	1229 126.59
2 52 30	1168 614.24	1183 828.55	1199 042.93	1214 257.40	1229 471.94
2 55 00	1168 965.57	1184 179.65	1199 393.80	1214 608.02	1229 822.33
2 57 30	1169 321.95	1184 535.79	1199 749.70	1214 963.70	1230 177.77
3 00 00	1169 683.38	1184 896.99	1200 110.66	1215 324.42	1230 538.25

Second-difference correction to y for indicated value of k (for all Δλ's)

k	0" 150"	5" 145"	10" 140"	15" 135"	20" 130"	25" 125"	30" 120"	35" 115"	40" 110"	45" 105"	50" 100"	55" 95"	60" 90"	65" 85"	70" 80"	75" 75"
Correction	-.01	-.09	-.17	-.24	-.30	-.36	-.41	-.46	-.50	-.54	-.57	-.60	-.62	-.63	-.64	-.64

Correction for h is negligible

ALASKA – ZONES 2 TO 9
STATE PLANE COORDINATES IN FEET – X'

Δλ \ φ	57 20 00	57 22 30	57 25 00	57 27 30	57 30 00
0 00 00	0.00	0.00	0.00	0.00	0.00
0 02 30	8 232.71	8 223.39	8 214.06	8 204.73	8 195.40
0 05 00	16 465.41	16 446.77	16 428.12	16 409.46	16 390.79
0 07 30	24 698.12	24 670.15	24 642.18	24 614.18	24 586.18
0 10 00	32 930.81	32 893.53	32 856.22	32 818.90	32 781.57
0 12 30	41 163.50	41 116.89	41 070.27	41 023.62	40 976.94
0 15 00	49 396.18	49 340.26	49 284.30	49 228.32	49 172.31
0 17 30	57 628.85	57 563.60	57 498.32	57 433.01	57 367.67
0 20 00	65 861.51	65 786.94	65 712.33	65 637.69	65 563.01
0 22 30	74 094.15	74 010.26	73 926.33	73 842.36	73 758.34
0 25 00	82 326.78	82 233.57	82 140.30	82 047.00	81 953.66
0 27 30	90 559.39	90 456.85	90 354.27	90 251.63	90 148.95
0 30 00	98 791.97	98 680.11	98 568.21	98 456.24	98 344.23
0 32 30	107 024.54	106 903.36	106 782.13	106 660.83	106 539.48
0 35 00	115 257.08	115 126.58	114 996.02	114 865.40	114 734.71
0 37 30	123 489.60	123 349.78	123 209.89	123 069.93	122 929.91
0 40 00	131 722.09	131 572.95	131 423.73	131 274.45	131 125.09
0 42 30	139 954.55	139 796.09	139 637.54	139 478.93	139 320.24
0 45 00	148 186.98	148 019.19	147 851.33	147 683.38	147 515.35
0 47 30	156 419.38	156 242.27	156 065.07	155 887.80	155 710.44
0 50 00	164 651.74	164 465.31	164 278.79	164 092.18	163 905.49
0 52 30	172 884.07	172 688.32	172 492.47	172 296.53	172 100.50
0 55 00	181 116.35	180 911.28	180 706.11	180 500.84	180 295.47
0 57 30	189 348.60	189 134.21	188 919.71	188 705.11	188 490.40
1 00 00	197 580.81	197 357.09	197 133.27	196 909.33	196 685.30
1 02 30	205 812.97	205 579.93	205 346.78	205 113.52	204 880.14
1 05 00	214 045.09	213 802.73	213 560.25	213 317.65	213 074.94
1 07 30	222 277.16	222 025.48	221 773.67	221 521.75	221 269.70
1 10 00	230 509.19	230 248.17	229 987.04	229 725.78	229 464.40
1 12 30	238 741.16	238 470.82	238 200.36	237 929.77	237 659.06
1 15 00	246 973.07	246 693.42	246 413.63	246 133.71	245 853.66
1 17 30	255 204.94	254 915.96	254 626.84	254 337.59	254 048.20
1 20 00	263 436.74	263 138.44	262 840.00	262 541.41	262 242.69
1 22 30	271 668.49	271 360.87	271 053.10	270 745.18	270 437.12
1 25 00	279 900.18	279 583.24	279 266.13	278 948.88	278 631.49
1 27 30	288 131.81	287 805.54	287 479.11	287 152.53	286 825.79
1 30 00	296 363.37	296 027.78	295 692.02	295 356.11	295 020.04
1 32 30	304 594.87	304 249.96	303 904.87	303 559.63	303 214.22
1 35 00	312 826.31	312 472.07	312 117.65	311 763.07	311 408.32
1 37 30	321 057.67	320 694.10	320 330.36	319 966.45	319 602.37
1 40 00	329 288.96	328 916.07	328 543.00	328 169.75	327 796.33
1 42 30	337 520.18	337 137.96	336 755.56	336 372.99	335 990.23
1 45 00	345 751.32	345 359.78	344 968.06	344 576.14	344 184.05
1 47 30	353 982.39	353 581.53	353 180.47	352 779.23	352 377.79
1 50 00	362 213.38	361 803.19	361 392.80	360 982.23	360 571.45
1 52 30	370 444.29	370 024.78	369 605.06	369 185.15	368 765.04
1 55 00	378 675.12	378 246.28	377 817.24	377 387.99	376 958.54
1 57 30	386 905.87	386 467.70	386 029.33	385 590.74	385 151.96
2 00 00	395 136.53	394 689.03	394 241.33	393 793.42	393 345.29
2 02 30	403 367.09	402 910.28	402 453.24	401 995.99	401 538.53
2 05 00	411 597.58	411 131.44	410 665.07	410 198.49	409 731.69
2 07 30	419 827.97	419 352.50	418 876.81	418 400.89	417 924.75
2 10 00	428 058.27	427 573.48	427 088.45	426 603.20	426 117.72
2 12 30	436 288.48	435 794.36	435 300.00	434 805.41	434 310.59
2 15 00	444 518.58	444 015.14	443 511.45	443 007.53	442 503.37
2 17 30	452 748.60	452 235.82	451 722.81	451 209.55	450 696.05
2 20 00	460 978.51	460 456.41	459 934.06	459 411.46	458 888.62
2 22 30	469 208.32	468 676.89	468 145.21	467 613.28	467 081.09
2 25 00	477 438.02	476 897.27	476 356.25	475 814.99	475 273.46
2 27 30	485 667.62	485 117.54	484 567.19	484 016.59	483 465.73
2 30 00	493 897.12	493 337.70	492 778.03	492 218.09	491 657.88
2 32 30	502 126.50	501 557.76	500 988.75	500 419.47	499 849.93
2 35 00	510 355.77	509 777.70	509 199.36	508 620.75	508 041.86
2 37 30	518 584.93	517 997.54	517 409.86	516 821.91	516 233.68
2 40 00	526 813.98	526 217.25	525 620.24	525 022.95	524 425.39
2 42 30	535 042.91	534 436.85	533 830.51	533 223.88	532 616.97
2 45 00	543 271.71	542 656.33	542 040.65	541 424.69	540 808.44
2 47 30	551 500.41	550 875.70	550 250.68	549 625.38	548 999.78
2 50 00	559 728.97	559 094.93	558 460.59	557 825.94	557 191.01
2 52 30	567 957.42	567 314.05	566 670.37	566 026.39	565 382.11
2 55 00	576 185.74	575 533.04	574 880.02	574 226.71	573 573.08
2 57 30	584 413.93	583 751.90	583 089.55	582 426.89	581 763.92
3 00 00	592 641.99	591 970.63	591 298.95	590 626.95	589 954.64

Second-difference correction to x' for indicated values of h and Δλ

Δλ \ h	0" 150"	15" 135"	30" 120"	45" 105"	60" 90"	75" 75"
0°	0	0	0	0	0	0
1°	0	+.01	+.01	+.02	+.02	+.02
2°	+.01	+.02	+.03	+.03	+.03	+.04
3°	+.01	+.03	+.04	+.05	+.05	+.05

Correction for k is negligible

ALASKA – ZONES 2 TO 9
STATE PLANE COORDINATES IN FEET – Y

Δλ \ φ	57 20 00	57 22 30	57 25 00	57 27 30	57 30 00
0 00 00	1217 472.32	1232 694.95	1247 917.68	1263 140.51	1278 363.44
0 02 30	1217 474.84	1232 697.47	1247 920.19	1263 143.03	1278 365.96
0 05 00	1217 482.40	1232 705.02	1247 927.74	1263 150.57	1278 373.50
0 07 30	1217 495.00	1232 717.61	1247 940.33	1263 163.15	1278 386.06
0 10 00	1217 512.64	1232 735.24	1247 957.94	1263 180.75	1278 403.66
0 12 30	1217 535.32	1232 757.91	1247 980.59	1263 203.39	1278 426.28
0 15 00	1217 563.04	1232 785.61	1248 008.28	1263 231.05	1278 453.92
0 17 30	1217 595.80	1232 818.34	1248 040.99	1263 263.74	1278 486.59
0 20 00	1217 633.60	1232 856.12	1248 078.74	1263 301.47	1278 524.29
0 22 30	1217 676.44	1232 898.93	1248 121.53	1263 344.22	1278 567.02
0 25 00	1217 724.32	1232 946.78	1248 169.34	1263 392.01	1278 614.77
0 27 30	1217 777.24	1232 999.66	1248 222.19	1263 444.82	1278 667.55
0 30 00	1217 835.20	1233 057.59	1248 280.08	1263 502.67	1278 725.36
0 32 30	1217 898.20	1233 120.55	1248 342.99	1263 565.54	1278 788.19
0 35 00	1217 966.24	1233 188.54	1248 410.94	1263 633.44	1278 856.04
0 37 30	1218 039.32	1233 261.57	1248 483.92	1263 706.38	1278 928.93
0 40 00	1218 117.45	1233 339.64	1248 561.94	1263 784.34	1279 006.84
0 42 30	1218 200.60	1233 422.75	1248 644.99	1263 867.34	1279 089.78
0 45 00	1218 288.81	1233 510.89	1248 733.08	1263 955.36	1279 177.75
0 47 30	1218 382.05	1233 604.07	1248 826.19	1264 048.42	1279 270.74
0 50 00	1218 480.33	1233 702.29	1248 924.35	1264 146.50	1279 368.76
0 52 30	1218 583.66	1233 805.54	1249 027.53	1264 249.62	1279 471.80
0 55 00	1218 692.02	1233 913.83	1249 135.75	1264 357.76	1279 579.88
0 57 30	1218 805.42	1234 027.16	1249 249.00	1264 470.94	1279 692.98
1 00 00	1218 923.86	1234 145.52	1249 367.28	1264 589.14	1279 811.10
1 02 30	1219 047.35	1234 268.93	1249 490.61	1264 712.39	1279 934.26
1 05 00	1219 175.88	1234 397.37	1249 618.96	1264 840.65	1280 062.44
1 07 30	1219 309.44	1234 530.84	1249 752.35	1264 973.95	1280 195.64
1 10 00	1219 448.05	1234 669.36	1249 890.77	1265 112.28	1280 333.88
1 12 30	1219 591.70	1234 812.91	1250 034.23	1265 255.64	1280 477.14
1 15 00	1219 740.39	1234 961.50	1250 182.72	1265 404.03	1280 625.43
1 17 30	1219 894.12	1235 115.13	1250 336.24	1265 557.45	1280 778.75
1 20 00	1220 052.89	1235 273.80	1250 494.80	1265 715.90	1280 937.09
1 22 30	1220 216.70	1235 437.50	1250 658.39	1265 879.38	1281 100.47
1 25 00	1220 385.55	1235 606.24	1250 827.02	1266 047.89	1281 268.86
1 27 30	1220 559.45	1235 780.01	1251 000.68	1266 221.44	1281 442.29
1 30 00	1220 738.38	1235 958.83	1251 179.37	1266 400.02	1281 620.75
1 32 30	1220 922.36	1236 142.69	1251 363.10	1266 583.62	1281 804.23
1 35 00	1221 111.37	1236 331.57	1251 551.87	1266 772.26	1281 992.74
1 37 30	1221 305.43	1236 525.51	1251 745.67	1266 965.93	1282 186.28
1 40 00	1221 504.53	1236 724.47	1251 944.51	1267 164.63	1282 384.85
1 42 30	1221 708.68	1236 928.48	1252 148.37	1267 368.36	1282 588.44
1 45 00	1221 917.86	1237 137.52	1252 357.28	1267 577.13	1282 797.07
1 47 30	1222 132.08	1237 351.61	1252 571.22	1267 790.93	1283 010.72
1 50 00	1222 351.35	1237 570.72	1252 790.19	1268 009.75	1283 229.40
1 52 30	1222 575.66	1237 794.89	1253 014.20	1268 233.61	1283 453.11
1 55 00	1222 805.01	1238 024.09	1253 243.25	1268 462.50	1283 681.84
1 57 30	1223 039.41	1238 258.32	1253 477.33	1268 696.42	1283 915.61
2 00 00	1223 278.84	1238 497.60	1253 716.44	1268 935.38	1284 154.40
2 02 30	1223 523.32	1238 741.91	1253 960.59	1269 179.36	1284 398.22
2 05 00	1223 772.84	1238 991.27	1254 209.78	1269 428.39	1284 647.07
2 07 30	1224 027.41	1239 245.66	1254 464.01	1269 682.44	1284 900.95
2 10 00	1224 287.01	1239 505.09	1254 723.26	1269 941.52	1285 159.86
2 12 30	1224 551.66	1239 769.56	1254 987.56	1270 205.64	1285 423.80
2 15 00	1224 821.35	1240 039.07	1255 256.89	1270 474.79	1285 692.77
2 17 30	1225 096.08	1240 313.62	1255 531.26	1270 748.97	1285 966.77
2 20 00	1225 375.86	1240 593.21	1255 810.66	1271 028.18	1286 245.79
2 22 30	1225 660.68	1240 877.85	1256 095.10	1271 312.43	1286 529.85
2 25 00	1225 950.55	1241 167.52	1256 384.57	1271 601.71	1286 818.93
2 27 30	1226 245.45	1241 462.22	1256 679.08	1271 896.03	1287 113.05
2 30 00	1226 545.40	1241 761.98	1256 978.63	1272 195.38	1287 412.19
2 32 30	1226 850.40	1242 066.77	1257 283.22	1272 499.75	1287 716.37
2 35 00	1227 160.44	1242 376.60	1257 592.85	1272 809.17	1288 025.57
2 37 30	1227 475.52	1242 691.47	1257 907.50	1273 123.62	1288 339.81
2 40 00	1227 795.64	1243 011.38	1258 227.20	1273 443.10	1288 659.08
2 42 30	1228 120.81	1243 336.34	1258 551.93	1273 767.61	1288 983.37
2 45 00	1228 451.03	1243 666.32	1258 881.71	1274 097.16	1289 312.70
2 47 30	1228 786.29	1244 001.36	1259 216.52	1274 431.75	1289 647.06
2 50 00	1229 126.59	1244 341.44	1259 556.37	1274 771.37	1289 986.45
2 52 30	1229 471.94	1244 686.55	1259 901.25	1275 116.02	1290 330.87
2 55 00	1229 822.33	1245 036.71	1260 251.17	1275 465.71	1290 680.32
2 57 30	1230 177.77	1245 391.91	1260 606.14	1275 820.43	1291 034.80
3 00 00	1230 538.25	1245 752.15	1260 966.13	1276 180.18	1291 394.31

Second-difference correction to y for indicated value of k (for all Δλ's)

k	0" 150"	5" 145"	10" 140"	15" 135"	20" 130"	25" 125"	30" 120"	35" 115"	40" 110"	45" 105"	50" 100"	55" 95"	60" 90"	65" 85"	70" 80"	75" 75"
Correction	-.01	-.09	-.17	-.24	-.30	-.36	-.41	-.46	-.50	-.54	-.57	-.60	-.62	-.63	-.64	-.64

Correction for h is negligible

ALASKA – ZONES 2 TO 9
STATE PLANE COORDINATES IN FEET – X'

Δλ \ φ	57 30 00	57 32 30	57 35 00	57 37 30	57 40 00
0 00 00	0.00	0.00	0.00	0.00	0.00
0 02 30	8 195.40	8 186.06	8 176.71	8 167.37	8 158.02
0 05 00	16 390.79	16 372.11	16 353.43	16 334.73	16 316.02
0 07 30	24 586.18	24 558.16	24 530.13	24 502.09	24 474.03
0 10 00	32 781.57	32 744.21	32 706.84	32 669.45	32 632.04
0 12 30	40 976.94	40 930.25	40 883.53	40 836.79	40 790.03
0 15 00	49 172.31	49 116.28	49 060.22	49 004.13	48 948.02
0 17 30	57 367.67	57 302.30	57 236.89	57 171.46	57 105.99
0 20 00	65 563.01	65 488.30	65 413.55	65 338.77	65 263.96
0 22 30	73 758.34	73 674.29	73 590.20	73 506.07	73 421.90
0 25 00	81 953.66	81 860.27	81 766.83	81 673.36	81 579.83
0 27 30	90 148.95	90 046.22	89 943.45	89 840.62	89 737.75
0 30 00	98 344.23	98 232.16	98 120.04	98 007.86	97 895.64
0 32 30	106 539.48	106 418.07	106 296.61	106 175.09	106 053.51
0 35 00	114 734.71	114 603.97	114 473.16	114 342.29	114 211.36
0 37 30	122 929.91	122 789.83	122 649.68	122 509.46	122 369.18
0 40 00	131 125.09	130 975.67	130 826.17	130 676.61	130 526.97
0 42 30	139 320.24	139 161.47	139 002.64	138 843.72	138 684.73
0 45 00	147 515.35	147 347.25	147 179.07	147 010.81	146 842.47
0 47 30	155 710.44	155 532.99	155 355.47	155 177.86	155 000.17
0 50 00	163 905.49	163 718.70	163 531.83	163 344.87	163 157.83
0 52 30	172 100.50	171 904.37	171 708.16	171 511.85	171 315.45
0 55 00	180 295.47	180 090.01	179 884.45	179 678.79	179 473.04
0 57 30	188 490.40	188 275.60	188 060.70	187 845.70	187 630.59
1 00 00	196 685.30	196 461.15	196 236.90	196 012.55	195 788.09
1 02 30	204 880.14	204 646.66	204 413.07	204 179.37	203 945.56
1 05 00	213 074.94	212 832.12	212 589.18	212 346.13	212 102.97
1 07 30	221 269.70	221 017.53	220 765.25	220 512.85	220 260.34
1 10 00	229 464.40	229 202.90	228 941.27	228 679.53	228 417.65
1 12 30	237 659.06	237 388.21	237 117.24	236 846.14	236 574.92
1 15 00	245 853.66	245 573.47	245 293.15	245 012.71	244 732.13
1 17 30	254 048.20	253 758.68	253 469.01	253 179.22	252 889.29
1 20 00	262 242.69	261 943.82	261 644.81	261 345.67	261 046.38
1 22 30	270 437.12	270 128.91	269 820.56	269 512.07	269 203.42
1 25 00	278 631.49	278 313.94	277 996.24	277 678.40	277 360.40
1 27 30	286 825.79	286 498.91	286 171.86	285 844.67	285 517.32
1 30 00	295 020.04	294 683.81	294 347.42	294 010.88	293 674.17
1 32 30	303 214.22	302 868.64	302 522.91	302 177.02	301 830.96
1 35 00	311 408.32	311 053.41	310 698.33	310 343.09	309 987.68
1 37 30	319 602.37	319 238.11	318 873.69	318 509.09	318 144.32
1 40 00	327 796.33	327 422.73	327 048.96	326 675.02	326 300.90
1 42 30	335 990.23	335 607.29	335 224.17	334 840.88	334 457.40
1 45 00	344 184.05	343 791.77	343 399.30	343 006.66	342 613.83
1 47 30	352 377.79	351 976.17	351 574.36	351 172.36	350 770.18
1 50 00	360 571.45	360 160.49	359 749.33	359 337.99	358 926.44
1 52 30	368 765.04	368 344.73	367 924.23	367 503.53	367 082.63
1 55 00	376 958.54	376 528.89	376 099.04	375 668.99	375 238.74
1 57 30	385 151.96	384 712.96	384 273.77	383 834.36	383 394.75
2 00 00	393 345.29	392 896.95	392 448.41	391 999.66	391 550.69
2 02 30	401 538.53	401 080.85	400 622.96	400 164.86	399 706.53
2 05 00	409 731.69	409 264.66	408 797.42	408 329.97	407 862.29
2 07 30	417 924.75	417 448.38	416 971.79	416 494.98	416 017.94
2 10 00	426 117.72	425 632.01	425 146.07	424 659.91	424 173.52
2 12 30	434 310.59	433 815.54	433 320.25	432 824.74	432 328.99
2 15 00	442 503.37	441 998.97	441 494.34	440 989.47	440 484.37
2 17 30	450 696.05	450 182.30	449 668.32	449 154.10	448 639.63
2 20 00	458 888.62	458 365.53	457 842.20	457 318.63	456 794.80
2 22 30	467 081.09	466 548.66	466 015.98	465 483.06	464 949.88
2 25 00	475 273.46	474 731.69	474 189.66	473 647.38	473 104.84
2 27 30	483 465.73	482 914.60	482 363.22	481 811.59	481 259.69
2 30 00	491 657.88	491 097.41	490 536.68	489 975.70	489 414.44
2 32 30	499 849.93	499 280.11	498 710.03	498 139.69	497 569.08
2 35 00	508 041.86	507 462.70	506 883.27	506 303.58	505 723.60
2 37 30	516 233.68	515 645.17	515 056.39	514 467.34	513 878.01
2 40 00	524 425.39	523 827.53	523 229.40	522 631.00	522 032.31
2 42 30	532 616.97	532 009.77	531 402.29	530 794.53	530 186.48
2 45 00	540 808.44	540 191.89	539 575.06	538 957.95	538 340.53
2 47 30	548 999.78	548 373.89	547 747.71	547 121.24	546 494.47
2 50 00	557 191.01	556 555.76	555 920.23	555 284.41	554 648.28
2 52 30	565 382.11	564 737.52	564 092.63	563 447.45	562 801.96
2 55 00	573 573.08	572 919.14	572 264.91	571 610.37	570 955.51
2 57 30	581 763.92	581 100.64	580 437.05	579 773.15	579 108.94
3 00 00	589 954.64	589 282.00	588 609.06	587 935.81	587 262.23

Second-difference correction to x' for indicated values of h and Δλ

Δλ \ h	0" 150"	15" 135"	30" 120"	45" 105"	60" 90"	75" 75"
0°	0	0	0	0	0	0
1°	0	+.01	+.01	+.02	+.02	+.02
2°	+.01	+.02	+.02	+.03	+.03	+.03
3°	+.01	+.03	+.04	+.04	+.05	+.05

Correction for k is negligible

ALASKA – ZONES 2 TO 9
STATE PLANE COORDINATES IN FEET – Y

Δλ \ φ	57 30 00	57 32 30	57 35 00	57 37 30	57 40 00
0 00 00	1278 363.44	1293 586.48	1308 809.62	1324 032.86	1339 256.21
0 02 30	1278 365.96	1293 589.00	1308 812.13	1324 035.37	1339 258.71
0 05 00	1278 373.50	1293 596.53	1308 819.66	1324 042.90	1339 266.23
0 07 30	1278 386.06	1293 609.09	1308 832.21	1324 055.44	1339 278.76
0 10 00	1278 403.66	1293 626.67	1308 849.78	1324 072.99	1339 296.31
0 12 30	1278 426.28	1293 649.27	1308 872.37	1324 095.57	1339 318.87
0 15 00	1278 453.92	1293 676.90	1308 899.97	1324 123.16	1339 346.44
0 17 30	1278 486.59	1293 709.55	1308 932.60	1324 155.76	1339 379.02
0 20 00	1278 524.29	1293 747.22	1308 970.25	1324 193.38	1339 416.62
0 22 30	1278 567.02	1293 789.92	1309 012.92	1324 236.02	1339 459.22
0 25 00	1278 614.77	1293 837.64	1309 060.60	1324 283.68	1339 506.85
0 27 30	1278 667.55	1293 890.38	1309 113.31	1324 336.35	1339 559.48
0 30 00	1278 725.36	1293 948.15	1309 171.04	1324 394.04	1339 617.13
0 32 30	1278 788.19	1294 010.94	1309 233.79	1324 456.74	1339 679.79
0 35 00	1278 856.04	1294 078.75	1309 301.55	1324 524.46	1339 747.46
0 37 30	1278 928.93	1294 151.58	1309 374.34	1324 597.20	1339 820.15
0 40 00	1279 006.84	1294 229.45	1309 452.14	1324 674.95	1339 897.85
0 42 30	1279 089.78	1294 312.33	1309 534.97	1324 757.72	1339 980.56
0 45 00	1279 177.75	1294 400.24	1309 622.82	1324 845.51	1340 068.29
0 47 30	1279 270.74	1294 493.16	1309 715.68	1324 938.31	1340 161.03
0 50 00	1279 368.76	1294 591.11	1309 813.57	1325 036.13	1340 258.78
0 52 30	1279 471.80	1294 694.09	1309 916.47	1325 138.96	1340 361.55
0 55 00	1279 579.88	1294 802.09	1310 024.40	1325 246.82	1340 469.33
0 57 30	1279 692.98	1294 915.11	1310 137.35	1325 359.69	1340 582.12
1 00 00	1279 811.10	1295 033.16	1310 255.31	1325 477.57	1340 699.92
1 02 30	1279 934.26	1295 156.23	1310 378.30	1325 600.48	1340 822.74
1 05 00	1280 062.44	1295 284.33	1310 506.31	1325 728.39	1340 950.58
1 07 30	1280 195.64	1295 417.45	1310 639.33	1325 861.33	1341 083.42
1 10 00	1280 333.88	1295 555.58	1310 777.38	1325 999.28	1341 221.28
1 12 30	1280 477.14	1295 698.75	1310 920.45	1326 142.26	1341 364.15
1 15 00	1280 625.43	1295 846.94	1311 068.54	1326 290.24	1341 512.04
1 17 30	1280 778.75	1296 000.15	1311 221.65	1326 443.25	1341 664.94
1 20 00	1280 937.09	1296 158.39	1311 379.78	1326 601.27	1341 822.85
1 22 30	1281 100.47	1296 321.65	1311 542.93	1326 764.31	1341 985.78
1 25 00	1281 268.86	1296 489.94	1311 711.10	1326 932.37	1342 153.72
1 27 30	1281 442.29	1296 663.25	1311 884.30	1327 105.44	1342 326.68
1 30 00	1281 620.75	1296 841.59	1312 062.51	1327 283.53	1342 504.65
1 32 30	1281 804.23	1297 024.94	1312 245.74	1327 466.64	1342 687.63
1 35 00	1281 992.74	1297 213.33	1312 434.00	1327 654.77	1342 875.63
1 37 30	1282 186.28	1297 406.73	1312 627.27	1327 847.91	1343 068.64
1 40 00	1282 384.85	1297 605.16	1312 825.57	1328 046.07	1343 266.66
1 42 30	1282 588.44	1297 808.62	1313 028.89	1328 249.25	1343 469.71
1 45 00	1282 797.07	1298 017.10	1313 237.23	1328 457.45	1343 677.76
1 47 30	1283 010.72	1298 230.61	1313 450.59	1328 670.67	1343 890.83
1 50 00	1283 229.40	1298 449.14	1313 668.97	1328 888.90	1344 108.91
1 52 30	1283 453.11	1298 672.70	1313 892.38	1329 112.15	1344 332.01
1 55 00	1283 681.84	1298 901.28	1314 120.80	1329 340.42	1344 560.13
1 57 30	1283 915.61	1299 134.89	1314 354.25	1329 573.71	1344 793.26
2 00 00	1284 154.40	1299 373.52	1314 592.72	1329 812.02	1345 031.40
2 02 30	1284 398.22	1299 617.17	1314 836.21	1330 055.34	1345 274.55
2 05 00	1284 647.07	1299 865.86	1315 084.72	1330 303.68	1345 522.73
2 07 30	1284 900.95	1300 119.56	1315 338.26	1330 557.04	1345 775.91
2 10 00	1285 159.86	1300 378.30	1315 596.81	1330 815.43	1346 034.12
2 12 30	1285 423.80	1300 642.06	1315 860.39	1331 078.83	1346 297.34
2 15 00	1285 692.77	1300 910.84	1316 128.99	1331 347.25	1346 565.57
2 17 30	1285 966.77	1301 184.65	1316 402.62	1331 620.68	1346 838.82
2 20 00	1286 245.79	1301 463.49	1316 681.27	1331 899.14	1347 117.09
2 22 30	1286 529.85	1301 747.35	1316 964.94	1332 182.61	1347 400.37
2 25 00	1286 818.93	1302 036.24	1317 253.63	1332 471.11	1347 688.67
2 27 30	1287 113.05	1302 330.16	1317 547.35	1332 764.62	1347 981.98
2 30 00	1287 412.19	1302 629.10	1317 846.09	1333 063.16	1348 280.31
2 32 30	1287 716.37	1302 933.07	1318 149.85	1333 366.72	1348 583.66
2 35 00	1288 025.57	1303 242.07	1318 458.64	1333 675.29	1348 892.02
2 37 30	1288 339.81	1303 556.09	1318 772.44	1333 988.88	1349 205.40
2 40 00	1288 659.08	1303 875.14	1319 091.28	1334 307.50	1349 523.80
2 42 30	1288 983.37	1304 199.22	1319 415.13	1334 631.13	1349 847.21
2 45 00	1289 312.70	1304 528.32	1319 744.01	1334 959.79	1350 175.64
2 47 30	1289 647.06	1304 862.45	1320 077.91	1335 293.46	1350 509.08
2 50 00	1289 986.45	1305 201.61	1320 416.84	1335 632.16	1350 847.55
2 52 30	1290 330.87	1305 545.79	1320 760.79	1335 975.87	1351 191.03
2 55 00	1290 680.32	1305 895.01	1321 109.77	1336 324.61	1351 539.52
2 57 30	1291 034.80	1306 249.25	1321 463.77	1336 678.37	1351 893.04
3 00 00	1291 394.31	1306 608.52	1321 822.79	1337 037.15	1352 251.57

Second-difference correction to y for indicated value of k (for all Δλ's)

k	0" 150"	5" 145"	10" 140"	15" 135"	20" 130"	25" 125"	30" 120"	35" 115"	40" 110"	45" 105"	50" 100"	55" 95"	60" 90"	65" 85"	70" 80"	75" 75"
Correction	-.01	-.09	-.16	-.23	-.30	-.36	-.41	-.46	-.50	-.53	-.56	-.59	-.61	-.62	-.63	-.63

Correction for h is negligible

ALASKA – ZONES 2 TO 9
STATE PLANE COORDINATES IN FEET – X'

Δλ \ φ	57 40 00	57 42 30	57 45 00	57 47 30	57 50 00
0 00 00	0.00	0.00	0.00	0.00	0.00
0 02 30	8 158.02	8 148.66	8 139.30	8 129.93	8 120.56
0 05 00	16 316.02	16 297.31	16 278.59	16 259.86	16 241.12
0 07 30	24 474.03	24 445.96	24 417.88	24 389.79	24 361.68
0 10 00	32 632.04	32 594.61	32 557.17	32 519.71	32 482.23
0 12 30	40 790.03	40 743.25	40 696.44	40 649.62	40 602.77
0 15 00	48 948.02	48 891.88	48 835.72	48 779.53	48 723.31
0 17 30	57 105.99	57 040.50	56 974.97	56 909.42	56 843.83
0 20 00	65 263.96	65 189.11	65 114.22	65 039.30	64 964.34
0 22 30	73 421.90	73 337.70	73 253.45	73 169.16	73 084.83
0 25 00	81 579.83	81 486.27	81 392.66	81 299.01	81 205.31
0 27 30	89 737.75	89 634.83	89 531.86	89 428.84	89 325.77
0 30 00	97 895.64	97 783.36	97 671.03	97 558.65	97 446.21
0 32 30	106 053.51	105 931.87	105 810.18	105 688.43	105 566.63
0 35 00	114 211.36	114 080.37	113 949.31	113 818.20	113 687.02
0 37 30	122 369.18	122 228.83	122 088.41	121 947.94	121 807.39
0 40 00	130 526.97	130 377.27	130 227.49	130 077.64	129 927.73
0 42 30	138 684.73	138 525.67	138 366.53	138 207.32	138 048.04
0 45 00	146 842.47	146 674.05	146 505.55	146 336.97	146 168.32
0 47 30	155 000.17	154 822.39	154 644.53	154 466.58	154 288.56
0 50 00	163 157.83	162 970.69	162 783.47	162 596.16	162 408.77
0 52 30	171 315.45	171 118.96	170 922.38	170 725.71	170 528.94
0 55 00	179 473.04	179 267.19	179 061.25	178 855.21	178 649.07
0 57 30	187 630.59	187 415.38	187 200.08	186 984.67	186 769.17
1 00 00	195 788.09	195 563.53	195 338.86	195 114.09	194 889.21
1 02 30	203 945.56	203 711.64	203 477.60	203 243.46	203 009.22
1 05 00	212 102.97	211 859.69	211 616.30	211 372.80	211 129.18
1 07 30	220 260.34	220 007.70	219 754.94	219 502.08	219 249.09
1 10 00	228 417.65	228 155.66	227 893.54	227 631.31	227 368.95
1 12 30	236 574.92	236 303.57	236 032.09	235 760.49	235 488.75
1 15 00	244 732.13	244 451.42	244 170.58	243 889.61	243 608.51
1 17 30	252 889.29	252 599.22	252 309.02	252 018.68	251 728.21
1 20 00	261 046.38	260 746.96	260 447.39	260 147.69	259 847.85
1 22 30	269 203.42	268 894.64	268 585.71	268 276.64	267 967.43
1 25 00	277 360.40	277 042.26	276 723.97	276 405.53	276 086.95
1 27 30	285 517.32	285 189.82	284 862.17	284 534.36	284 206.40
1 30 00	293 674.17	293 337.31	293 000.30	292 663.12	292 325.79
1 32 30	301 830.96	301 484.74	301 138.36	300 791.82	300 445.12
1 35 00	309 987.68	309 632.10	309 276.36	308 920.45	308 564.38
1 37 30	318 144.32	317 779.39	317 414.28	317 049.00	316 683.56
1 40 00	326 300.90	325 926.60	325 552.13	325 177.49	324 802.67
1 42 30	334 457.40	334 073.75	333 689.91	333 305.90	332 921.71
1 45 00	342 613.83	342 220.81	341 827.61	341 434.23	341 040.67
1 47 30	350 770.18	350 367.80	349 965.24	349 562.49	349 159.56
1 50 00	358 926.44	358 514.71	358 102.78	357 690.67	357 278.36
1 52 30	367 082.63	366 661.54	366 240.25	365 818.76	365 397.08
1 55 00	375 238.74	374 808.28	374 377.63	373 946.77	373 515.72
1 57 30	383 394.75	382 954.94	382 514.92	382 074.70	381 634.27
2 00 00	391 550.69	391 101.51	390 652.13	390 202.54	389 752.73
2 02 30	399 706.53	399 248.00	398 789.25	398 330.29	397 871.11
2 05 00	407 862.29	407 394.39	406 926.28	406 457.94	405 989.40
2 07 30	416 017.94	415 540.69	415 063.21	414 585.51	414 107.59
2 10 00	424 173.52	423 686.90	423 200.05	422 712.98	422 225.69
2 12 30	432 328.99	431 833.01	431 336.79	430 840.35	430 343.68
2 15 00	440 484.37	439 979.02	439 473.44	438 967.63	438 461.59
2 17 30	448 639.63	448 124.93	447 609.99	447 094.81	446 579.39
2 20 00	456 794.80	456 270.74	455 746.43	455 221.88	454 697.09
2 22 30	464 949.88	464 416.45	463 882.77	463 348.85	462 814.68
2 25 00	473 104.84	472 562.05	472 019.00	471 475.71	470 932.17
2 27 30	481 259.69	480 707.55	480 155.14	479 602.47	479 049.55
2 30 00	489 414.44	488 852.93	488 291.15	487 729.12	487 166.82
2 32 30	497 569.08	496 998.20	496 427.05	495 855.65	495 283.98
2 35 00	505 723.60	505 143.36	504 562.85	503 982.07	503 401.02
2 37 30	513 878.01	513 288.41	512 698.53	512 108.38	511 517.95
2 40 00	522 032.31	521 433.34	520 834.09	520 234.57	519 634.77
2 42 30	530 186.48	529 578.15	528 969.53	528 360.63	527 751.46
2 45 00	538 340.53	537 722.84	537 104.85	536 486.59	535 868.03
2 47 30	546 494.47	545 867.41	545 240.05	544 612.41	543 984.48
2 50 00	554 648.28	554 011.85	553 375.13	552 738.12	552 100.81
2 52 30	562 801.96	562 156.17	561 510.08	560 863.69	560 217.00
2 55 00	570 955.51	570 300.36	569 644.90	568 989.14	568 333.07
2 57 30	579 108.94	578 444.42	577 779.59	577 114.45	576 449.01
3 00 00	587 262.23	586 588.35	585 914.15	585 239.64	584 564.82

Second-difference correction to x' for indicated values of h and Δλ

Δλ \ h	0" 150"	15" 135"	30" 120"	45" 105"	60" 90"	75" 75"
0°	0	0	0	0	0	0
1°	0	+.01	+.01	+.02	+.02	+.02
2°	+.01	+.02	+.02	+.03	+.03	+.03
3°	+.01	+.03	+.04	+.04	+.05	+.05

Correction for k is negligible

ALASKA – ZONES 2 TO 9
STATE PLANE COORDINATES IN FEET – Y

Δλ \ φ	57 40 00	57 42 30	57 45 00	57 47 30	57 50 00
0 00 00	1339 256.21	1354 479.65	1369 703.20	1384 926.85	1400 150.61
0 02 30	1339 258.71	1354 482.16	1369 705.71	1384 929.35	1400 153.11
0 05 00	1339 266.23	1354 489.67	1369 713.22	1384 936.85	1400 160.60
0 07 30	1339 278.76	1354 502.20	1369 725.73	1384 949.36	1400 173.10
0 10 00	1339 296.31	1354 519.73	1369 743.25	1384 966.87	1400 190.60
0 12 30	1339 318.87	1354 542.27	1369 765.78	1384 989.38	1400 213.09
0 15 00	1339 346.44	1354 569.82	1369 793.31	1385 016.89	1400 240.59
0 17 30	1339 379.02	1354 602.38	1369 825.85	1385 049.41	1400 273.08
0 20 00	1339 416.62	1354 639.95	1369 863.39	1385 086.93	1400 310.57
0 22 30	1339 459.22	1354 682.53	1369 905.94	1385 129.45	1400 353.06
0 25 00	1339 506.85	1354 730.12	1369 953.50	1385 176.97	1400 400.55
0 27 30	1339 559.48	1354 782.72	1370 006.06	1385 229.50	1400 453.04
0 30 00	1339 617.13	1354 840.33	1370 063.63	1385 287.03	1400 510.53
0 32 30	1339 679.79	1354 902.95	1370 126.21	1385 349.56	1400 573.02
0 35 00	1339 747.46	1354 970.57	1370 193.79	1385 417.09	1400 640.51
0 37 30	1339 820.15	1355 043.21	1370 266.37	1385 489.63	1400 712.99
0 40 00	1339 897.85	1355 120.86	1370 343.97	1385 567.17	1400 790.48
0 42 30	1339 980.56	1355 203.51	1370 426.56	1385 649.71	1400 872.96
0 45 00	1340 068.29	1355 291.18	1370 514.17	1385 737.25	1400 960.45
0 47 30	1340 161.03	1355 383.85	1370 606.78	1385 829.80	1401 052.93
0 50 00	1340 258.78	1355 481.54	1370 704.40	1385 927.35	1401 150.41
0 52 30	1340 361.55	1355 584.24	1370 807.02	1386 029.90	1401 252.90
0 55 00	1340 469.33	1355 691.94	1370 914.65	1386 137.46	1401 360.38
0 57 30	1340 582.12	1355 804.65	1371 027.29	1386 250.02	1401 472.86
1 00 00	1340 699.92	1355 922.38	1371 144.93	1386 367.58	1401 590.34
1 02 30	1340 822.74	1356 045.11	1371 267.58	1386 490.14	1401 712.81
1 05 00	1340 950.58	1356 172.86	1371 395.24	1386 617.71	1401 840.29
1 07 30	1341 083.42	1356 305.61	1371 527.90	1386 750.28	1401 972.77
1 10 00	1341 221.28	1356 443.38	1371 665.57	1386 887.86	1402 110.25
1 12 30	1341 364.15	1356 586.15	1371 808.25	1387 030.43	1402 252.73
1 15 00	1341 512.04	1356 733.94	1371 955.93	1387 178.01	1402 400.20
1 17 30	1341 664.94	1356 886.73	1372 108.62	1387 330.60	1402 552.38
1 20 00	1341 822.85	1357 044.53	1372 266.31	1387 488.19	1402 710.16
1 22 30	1341 985.78	1357 207.35	1372 429.02	1387 650.77	1402 872.64
1 25 00	1342 153.72	1357 375.18	1372 596.73	1387 818.37	1403 040.12
1 27 30	1342 326.68	1357 548.01	1372 769.44	1387 990.97	1403 212.59
1 30 00	1342 504.65	1357 725.86	1372 947.17	1388 168.57	1403 390.07
1 32 30	1342 687.63	1357 908.72	1373 129.90	1388 351.17	1403 572.55
1 35 00	1342 875.63	1358 096.58	1373 317.64	1388 538.78	1403 760.02
1 37 30	1343 068.64	1358 289.47	1373 510.39	1388 731.39	1403 952.50
1 40 00	1343 266.66	1358 487.36	1373 708.13	1388 929.01	1404 149.98
1 42 30	1343 469.71	1358 690.25	1373 910.90	1389 131.63	1404 352.46
1 45 00	1343 677.76	1358 898.16	1374 118.67	1389 339.25	1404 559.94
1 47 30	1343 890.83	1359 111.09	1374 331.44	1389 551.88	1404 772.42
1 50 00	1344 108.91	1359 329.02	1374 549.23	1389 769.51	1404 989.90
1 52 30	1344 332.01	1359 551.97	1374 772.01	1389 992.15	1405 212.38
1 55 00	1344 560.13	1359 779.92	1374 999.81	1390 219.79	1405 439.87
1 57 30	1344 793.26	1360 012.89	1375 232.62	1390 452.44	1405 672.35
2 00 00	1345 031.40	1360 250.87	1375 470.43	1390 690.09	1405 909.83
2 02 30	1345 274.55	1360 493.86	1375 713.26	1390 932.74	1406 152.32
2 05 00	1345 522.73	1360 741.86	1375 961.09	1391 180.40	1406 399.81
2 07 30	1345 775.91	1360 994.88	1376 213.93	1391 433.06	1406 652.29
2 10 00	1346 034.12	1361 252.91	1376 471.77	1391 690.73	1406 909.78
2 12 30	1346 297.34	1361 515.94	1376 734.63	1391 953.41	1407 172.27
2 15 00	1346 565.57	1361 783.99	1377 002.50	1392 221.09	1407 439.77
2 17 30	1346 838.82	1362 057.06	1377 275.37	1392 493.77	1407 712.26
2 20 00	1347 117.09	1362 335.13	1377 553.26	1392 771.46	1407 989.76
2 22 30	1347 400.37	1362 618.22	1377 836.15	1393 054.16	1408 272.26
2 25 00	1347 688.67	1362 906.31	1378 124.04	1393 341.86	1408 559.75
2 27 30	1347 981.98	1363 199.43	1378 416.95	1393 634.56	1408 852.26
2 30 00	1348 280.31	1363 497.55	1378 714.87	1393 932.27	1409 149.76
2 32 30	1348 583.66	1363 800.69	1379 017.80	1394 234.99	1409 452.27
2 35 00	1348 892.02	1364 108.84	1379 325.74	1394 542.71	1409 759.78
2 37 30	1349 205.40	1364 422.00	1379 638.68	1394 855.45	1410 072.29
2 40 00	1349 523.80	1364 740.18	1379 956.64	1395 173.18	1410 389.80
2 42 30	1349 847.21	1365 063.37	1380 279.60	1395 495.92	1410 712.32
2 45 00	1350 175.64	1365 391.57	1380 607.58	1395 823.67	1411 039.84
2 47 30	1350 509.08	1365 724.79	1380 940.57	1396 156.42	1411 372.36
2 50 00	1350 847.55	1366 063.02	1381 278.57	1396 494.19	1411 709.89
2 52 30	1351 191.03	1366 406.26	1381 621.57	1396 836.95	1412 052.42
2 55 00	1351 539.52	1366 754.52	1381 969.59	1397 184.73	1412 399.95
2 57 30	1351 893.04	1367 107.79	1382 322.62	1397 537.51	1412 752.49
3 00 00	1352 251.57	1367 466.07	1382 680.65	1397 895.30	1413 110.03

Second-difference correction to y for indicated value of k (for all Δλ's)

k	0" 150"	5" 145"	10" 140"	15" 135"	20" 130"	25" 125"	30" 120"	35" 115"	40" 110"	45" 105"	50" 100"	55" 95"	60" 90"	65" 85"	70" 80"	75" 75"
Correction	-.01	-.09	-.16	-.23	-.30	-.36	-.41	-.46	-.50	-.53	-.56	-.59	-.61	-.62	-.63	-.63

Correction for h is negligible

ALASKA – ZONES 2 TO 9
STATE PLANE COORDINATES IN FEET – X'

Δλ \ φ	57 50 00	57 52 30	57 55 00	57 57 30	58 00 00
0 00 00	0.00	0.00	0.00	0.00	0.00
0 02 30	8 120.56	8 111.19	8 101.81	8 092.43	8 083.04
0 05 00	16 241.12	16 222.37	16 203.62	16 184.85	16 166.08
0 07 30	24 361.68	24 333.56	24 305.42	24 277.27	24 249.11
0 10 00	32 482.23	32 444.73	32 407.22	32 369.69	32 332.14
0 12 30	40 602.77	40 555.90	40 509.01	40 462.10	40 415.17
0 15 00	48 723.31	48 667.06	48 610.80	48 554.50	48 498.18
0 17 30	56 843.83	56 778.21	56 712.56	56 646.88	56 581.18
0 20 00	64 964.34	64 889.35	64 814.32	64 739.26	64 664.17
0 22 30	73 084.83	73 000.47	72 916.06	72 831.62	72 747.14
0 25 00	81 205.31	81 111.57	81 017.79	80 923.97	80 830.10
0 27 30	89 325.77	89 222.66	89 119.50	89 016.29	88 913.03
0 30 00	97 446.21	97 333.73	97 221.19	97 108.60	96 995.95
0 32 30	105 566.63	105 444.77	105 322.85	105 200.88	105 078.84
0 35 00	113 687.02	113 555.79	113 424.49	113 293.14	113 161.72
0 37 30	121 807.39	121 666.78	121 526.11	121 385.37	121 244.56
0 40 00	129 927.73	129 777.75	129 627.69	129 477.57	129 327.38
0 42 30	138 048.04	137 888.68	137 729.25	137 569.74	137 410.16
0 45 00	146 168.32	145 999.58	145 830.77	145 661.88	145 492.92
0 47 30	154 288.56	154 110.45	153 932.26	153 753.99	153 575.64
0 50 00	162 408.77	162 221.29	162 033.72	161 846.06	161 658.32
0 52 30	170 528.94	170 332.08	170 135.14	169 938.10	169 740.97
0 55 00	178 649.07	178 442.84	178 236.52	178 030.09	177 823.58
0 57 30	186 769.17	186 553.56	186 337.85	186 122.05	185 906.14
1 00 00	194 889.21	194 664.23	194 439.15	194 213.96	193 988.67
1 02 30	203 009.22	202 774.87	202 540.40	202 305.83	202 071.14
1 05 00	211 129.18	210 885.45	210 641.60	210 397.65	210 153.58
1 07 30	219 249.09	218 995.98	218 742.76	218 489.42	218 235.96
1 10 00	227 368.95	227 106.47	226 843.86	226 581.14	226 318.30
1 12 30	235 488.75	235 216.90	234 944.92	234 672.81	234 400.57
1 15 00	243 608.51	243 327.28	243 045.91	242 764.43	242 482.80
1 17 30	251 728.21	251 437.60	251 146.86	250 855.98	250 564.97
1 20 00	259 847.85	259 547.86	259 247.74	258 947.48	258 647.08
1 22 30	267 967.43	267 658.07	267 348.57	267 038.92	266 729.13
1 25 00	276 086.95	275 768.21	275 449.33	275 130.30	274 811.12
1 27 30	284 206.40	283 878.29	283 550.03	283 221.62	282 893.05
1 30 00	292 325.79	291 988.31	291 650.67	291 312.87	290 974.91
1 32 30	300 445.12	300 098.26	299 751.23	299 404.05	299 056.71
1 35 00	308 564.38	308 208.14	307 851.73	307 495.17	307 138.43
1 37 30	316 683.56	316 317.94	315 952.16	315 586.21	315 220.08
1 40 00	324 802.67	324 427.68	324 052.51	323 677.17	323 301.66
1 42 30	332 921.71	332 537.34	332 152.79	331 768.07	331 383.17
1 45 00	341 040.67	340 646.93	340 253.00	339 858.89	339 464.60
1 47 30	349 159.56	348 756.43	348 353.13	347 949.63	347 545.95
1 50 00	357 278.36	356 865.86	356 453.17	356 040.29	355 627.22
1 52 30	365 397.08	364 975.20	364 553.13	364 130.87	363 708.40
1 55 00	373 515.72	373 084.47	372 653.01	372 221.36	371 789.51
1 57 30	381 634.27	381 193.64	380 752.80	380 311.76	379 870.52
2 00 00	389 752.73	389 302.73	388 852.51	388 402.08	387 951.45
2 02 30	397 871.11	397 411.72	396 952.13	396 492.31	396 032.29
2 05 00	405 989.40	405 520.63	405 051.65	404 582.45	404 113.03
2 07 30	414 107.59	413 629.45	413 151.08	412 672.49	412 193.69
2 10 00	422 225.69	421 738.16	421 250.41	420 762.44	420 274.24
2 12 30	430 343.68	429 846.78	429 349.65	428 852.29	428 354.70
2 15 00	438 461.59	437 955.31	437 448.79	436 942.05	436 435.07
2 17 30	446 579.39	446 063.73	445 547.83	445 031.70	444 515.32
2 20 00	454 697.09	454 172.04	453 646.77	453 121.24	452 595.48
2 22 30	462 814.68	462 280.26	461 745.60	461 210.69	460 675.53
2 25 00	470 932.17	470 388.37	469 844.32	469 300.03	468 755.47
2 27 30	479 049.55	478 496.37	477 942.94	477 389.25	476 835.31
2 30 00	487 166.82	486 604.26	486 041.45	485 478.37	484 915.03
2 32 30	495 283.98	494 712.04	494 139.84	493 567.38	492 994.64
2 35 00	503 401.02	502 819.70	502 238.12	501 656.27	501 074.14
2 37 30	511 517.95	510 927.26	510 336.28	509 745.04	509 153.52
2 40 00	519 634.77	519 034.69	518 434.33	517 833.70	517 232.78
2 42 30	527 751.46	527 142.00	526 532.26	525 922.24	525 311.93
2 45 00	535 868.03	535 249.19	534 630.06	534 010.65	533 390.95
2 47 30	543 984.48	543 356.26	542 727.75	542 098.94	541 469.85
2 50 00	552 100.81	551 463.20	550 825.30	550 187.11	549 548.62
2 52 30	560 217.00	559 570.02	558 922.73	558 275.15	557 627.26
2 55 00	568 333.07	567 676.70	567 020.03	566 363.06	565 705.78
2 57 30	576 449.01	575 783.26	575 117.20	574 450.84	573 784.16
3 00 00	584 564.82	583 889.68	583 214.23	582 538.48	581 862.41

Second-difference correction to x' for indicated values of h and Δλ

Δλ \ h	0" 150"	15" 135"	30" 120"	45" 105"	60" 90"	75" 75"
0°	0	0	0	0	0	0
1°	0	+.01	+.01	+.02	+.02	+.02
2°	+.01	+.02	+.02	+.03	+.03	+.03
3°	+.01	+.03	+.04	+.04	+.05	+.05

Correction for k is negligible

ALASKA – ZONES 2 TO 9
STATE PLANE COORDINATES IN FEET – Y

Δλ \ φ	57 50 00	57 52 30	57 55 00	57 57 30	58 00 00
0 00 00	1400 150.61	1415 374.46	1430 598.41	1445 822.47	1461 046.63
0 02 30	1400 153.11	1415 376.96	1430 600.91	1445 824.96	1461 049.12
0 05 00	1400 160.60	1415 384.45	1430 608.40	1445 832.45	1461 056.60
0 07 30	1400 173.10	1415 396.94	1430 620.88	1445 844.92	1461 069.06
0 10 00	1400 190.60	1415 414.42	1430 638.35	1445 862.38	1461 086.51
0 12 30	1400 213.09	1415 436.90	1430 660.82	1445 884.82	1461 108.94
0 15 00	1400 240.59	1415 464.38	1430 688.27	1445 912.26	1461 136.36
0 17 30	1400 273.08	1415 496.85	1430 720.72	1445 944.69	1461 168.76
0 20 00	1400 310.57	1415 534.31	1430 758.16	1445 982.10	1461 206.15
0 22 30	1400 353.06	1415 576.77	1430 800.59	1446 024.50	1461 248.52
0 25 00	1400 400.55	1415 624.23	1430 848.01	1446 071.89	1461 295.88
0 27 30	1400 453.04	1415 676.69	1430 900.43	1446 124.27	1461 348.22
0 30 00	1400 510.53	1415 734.13	1430 957.84	1446 181.64	1461 405.55
0 32 30	1400 573.02	1415 796.58	1431 020.24	1446 244.00	1461 467.86
0 35 00	1400 640.51	1415 864.02	1431 087.63	1446 311.34	1461 535.16
0 37 30	1400 712.99	1415 936.46	1431 160.02	1446 383.68	1461 607.44
0 40 00	1400 790.48	1416 013.89	1431 237.40	1446 461.00	1461 684.71
0 42 30	1400 872.96	1416 096.31	1431 319.76	1446 543.31	1461 766.96
0 45 00	1400 960.45	1416 183.74	1431 407.12	1446 630.61	1461 854.20
0 47 30	1401 052.93	1416 276.15	1431 499.48	1446 722.90	1461 946.43
0 50 00	1401 150.41	1416 373.57	1431 596.82	1446 820.18	1462 043.64
0 52 30	1401 252.90	1416 475.98	1431 699.16	1446 922.44	1462 145.83
0 55 00	1401 360.38	1416 583.39	1431 806.49	1447 029.70	1462 253.01
0 57 30	1401 472.86	1416 695.79	1431 918.82	1447 141.94	1462 365.17
1 00 00	1401 590.34	1416 813.19	1432 036.13	1447 259.18	1462 482.32
1 02 30	1401 712.81	1416 935.58	1432 158.44	1447 381.40	1462 604.46
1 05 00	1401 840.29	1417 062.97	1432 285.74	1447 508.61	1462 731.58
1 07 30	1401 972.77	1417 195.35	1432 418.03	1447 640.81	1462 863.69
1 10 00	1402 110.25	1417 332.74	1432 555.32	1447 778.00	1463 000.78
1 12 30	1402 252.73	1417 475.12	1432 697.60	1447 920.17	1463 142.86
1 15 00	1402 400.20	1417 622.49	1432 844.87	1448 067.35	1463 289.92
1 17 30	1402 552.68	1417 774.86	1432 997.14	1448 219.50	1463 441.97
1 20 00	1402 710.16	1417 932.23	1433 154.39	1448 376.65	1463 599.01
1 22 30	1402 872.64	1418 094.59	1433 316.64	1448 538.79	1463 761.03
1 25 00	1403 040.12	1418 261.95	1433 483.88	1448 705.91	1463 928.04
1 27 30	1403 212.59	1418 434.31	1433 656.12	1448 878.02	1464 100.03
1 30 00	1403 390.07	1418 611.66	1433 833.35	1449 055.13	1464 277.01
1 32 30	1403 572.55	1418 794.01	1434 015.57	1449 237.23	1464 458.97
1 35 00	1403 760.02	1418 981.36	1434 202.79	1449 424.31	1464 645.93
1 37 30	1403 952.50	1419 173.70	1434 395.00	1449 616.38	1464 837.86
1 40 00	1404 149.98	1419 371.04	1434 592.20	1449 813.44	1465 034.79
1 42 30	1404 352.46	1419 573.38	1434 794.39	1450 015.50	1465 236.70
1 45 00	1404 559.94	1419 780.72	1435 001.59	1450 222.54	1465 443.60
1 47 30	1404 772.42	1419 993.05	1435 213.77	1450 434.58	1465 655.48
1 50 00	1404 989.90	1420 210.38	1435 430.94	1450 651.60	1465 872.35
1 52 30	1405 212.38	1420 432.71	1435 653.12	1450 873.61	1466 094.21
1 55 00	1405 439.87	1420 660.03	1435 880.28	1451 100.62	1466 321.05
1 57 30	1405 672.35	1420 892.35	1436 112.44	1451 332.61	1466 552.89
2 00 00	1405 909.83	1421 129.67	1436 349.59	1451 569.60	1466 789.70
2 02 30	1406 152.32	1421 371.98	1436 591.74	1451 811.57	1467 031.51
2 05 00	1406 399.81	1421 619.30	1436 838.87	1452 058.54	1467 278.30
2 07 30	1406 652.29	1421 871.61	1437 091.01	1452 310.50	1467 530.08
2 10 00	1406 909.78	1422 128.92	1437 348.14	1452 567.45	1467 786.85
2 12 30	1407 172.27	1422 391.23	1437 610.26	1452 829.38	1468 048.60
2 15 00	1407 439.77	1422 658.53	1437 877.38	1453 096.32	1468 315.34
2 17 30	1407 712.26	1422 930.84	1438 149.50	1453 368.24	1468 587.07
2 20 00	1407 989.76	1423 208.14	1438 426.60	1453 645.15	1468 863.79
2 22 30	1408 272.26	1423 490.44	1438 708.71	1453 927.05	1469 145.49
2 25 00	1408 559.75	1423 777.74	1438 995.80	1454 213.95	1469 432.19
2 27 30	1408 852.26	1424 070.04	1439 287.90	1454 505.84	1469 723.87
2 30 00	1409 149.76	1424 367.33	1439 584.98	1454 802.71	1470 020.53
2 32 30	1409 452.27	1424 669.63	1439 887.07	1455 104.59	1470 322.19
2 35 00	1409 759.78	1424 976.92	1440 194.15	1455 411.45	1470 628.84
2 37 30	1410 072.29	1425 289.22	1440 506.22	1455 723.30	1470 940.47
2 40 00	1410 389.80	1425 606.51	1440 823.29	1456 040.15	1471 257.09
2 42 30	1410 712.32	1425 928.80	1441 145.36	1456 361.99	1471 578.70
2 45 00	1411 039.84	1426 256.09	1441 472.42	1456 688.82	1471 905.30
2 47 30	1411 372.36	1426 588.38	1441 804.47	1457 020.64	1472 236.89
2 50 00	1411 709.89	1426 925.67	1442 141.53	1457 357.46	1472 573.47
2 52 30	1412 052.42	1427 267.96	1442 483.57	1457 699.27	1472 915.04
2 55 00	1412 399.95	1427 615.25	1442 830.62	1458 046.07	1473 261.59
2 57 30	1412 752.49	1427 967.54	1443 182.66	1458 397.86	1473 613.14
3 00 00	1413 110.03	1428 324.83	1443 539.70	1458 754.64	1473 969.67

Second-difference correction to y for indicated value of k (for all Δλ's)

k	0" 150"	5" 145"	10" 140"	15" 135"	20" 130"	25" 125"	30" 120"	35" 115"	40" 110"	45" 105"	50" 100"	55" 95"	60" 90"	65" 85"	70" 80"	75" 75"
Correction	-.01	-.09	-.16	-.23	-.30	-.36	-.41	-.46	-.50	-.53	-.56	-.59	-.61	-.62	-.63	-.63

Correction for h is negligible

ALASKA – ZONES 2 TO 9
STATE PLANE COORDINATES IN FEET – X'

Δλ \ φ	58 00 00	58 02 30	58 05 00	58 07 30	58 10 00
0 00 00	0.00	0.00	0.00	0.00	0.00
0 02 30	8 083.04	8 073.65	8 064.26	8 054.85	8 045.45
0 05 00	16 166.08	16 147.30	16 128.50	16 109.71	16 090.90
0 07 30	24 249.11	24 220.94	24 192.75	24 164.55	24 136.34
0 10 00	32 332.14	32 294.58	32 257.00	32 219.40	32 181.78
0 12 30	40 415.17	40 368.21	40 321.23	40 274.23	40 227.21
0 15 00	48 498.18	48 441.83	48 385.45	48 329.06	48 272.63
0 17 30	56 581.18	56 515.44	56 449.67	56 383.87	56 318.04
0 20 00	64 664.17	64 589.04	64 513.87	64 438.67	64 363.44
0 22 30	72 747.14	72 662.62	72 578.06	72 493.46	72 408.82
0 25 00	80 830.10	80 736.18	80 642.23	80 548.23	80 454.19
0 27 30	88 913.03	88 809.73	88 706.38	88 602.98	88 499.53
0 30 00	96 995.95	96 883.25	96 770.51	96 657.71	96 544.86
0 32 30	105 078.84	104 956.76	104 834.61	104 712.42	104 590.16
0 35 00	113 161.72	113 030.24	112 898.70	112 767.10	112 635.44
0 37 30	121 244.56	121 103.69	120 962.75	120 821.75	120 680.69
0 40 00	129 327.38	129 177.11	129 026.78	128 876.38	128 725.92
0 42 30	137 410.16	137 250.51	137 090.78	136 930.98	136 771.11
0 45 00	145 492.92	145 323.87	145 154.75	144 985.55	144 816.27
0 47 30	153 575.64	153 397.20	153 218.68	153 040.08	152 861.40
0 50 00	161 658.32	161 470.49	161 282.58	161 094.58	160 906.49
0 52 30	169 740.97	169 543.75	169 346.44	169 149.04	168 951.54
0 55 00	177 823.58	177 616.96	177 410.26	177 203.45	176 996.56
0 57 30	185 906.14	185 690.14	185 474.04	185 257.83	185 041.53
1 00 00	193 988.67	193 763.27	193 537.77	193 312.17	193 086.46
1 02 30	202 071.14	201 836.36	201 601.46	201 366.45	201 131.34
1 05 00	210 153.58	209 909.40	209 665.11	209 420.70	209 176.18
1 07 30	218 235.96	217 982.39	217 728.70	217 474.89	217 220.97
1 10 00	226 318.30	226 055.33	225 792.24	225 529.04	225 265.71
1 12 30	234 400.57	234 128.22	233 855.73	233 583.13	233 310.39
1 15 00	242 482.80	242 201.05	241 919.17	241 637.16	241 355.02
1 17 30	250 564.97	250 273.83	249 982.55	249 691.14	249 399.59
1 20 00	258 647.08	258 346.54	258 045.87	257 745.06	257 444.10
1 22 30	266 729.13	266 419.20	266 109.13	265 798.92	265 488.56
1 25 00	274 811.12	274 491.80	274 172.33	273 852.72	273 532.95
1 27 30	282 893.05	282 564.33	282 235.47	281 906.45	281 577.28
1 30 00	290 974.91	290 636.80	290 298.54	289 960.12	289 621.54
1 32 30	299 056.71	298 709.20	298 361.54	298 013.72	297 665.74
1 35 00	307 138.43	306 781.53	306 424.47	306 067.25	305 709.86
1 37 30	315 220.08	314 853.79	314 487.33	314 120.71	313 753.91
1 40 00	323 301.66	322 925.98	322 550.12	322 174.09	321 797.89
1 42 30	331 383.17	330 998.09	330 612.83	330 227.40	329 841.79
1 45 00	339 464.60	339 070.12	338 675.47	338 280.64	337 885.62
1 47 30	347 545.95	347 142.08	346 738.03	346 333.79	345 929.37
1 50 00	355 627.22	355 213.95	354 800.50	354 386.86	353 973.03
1 52 30	363 708.40	363 285.74	362 862.89	362 439.85	362 016.61
1 55 00	371 789.51	371 357.45	370 925.21	370 492.76	370 060.11
1 57 30	379 870.52	379 429.07	378 987.43	378 545.57	378 103.52
2 00 00	387 951.45	387 500.61	387 049.56	386 598.31	386 146.85
2 02 30	396 032.29	395 572.05	395 111.60	394 650.95	394 190.08
2 05 00	404 113.03	403 643.40	403 173.55	402 703.50	402 233.21
2 07 30	412 193.69	411 714.66	411 235.41	410 755.95	410 276.26
2 10 00	420 274.24	419 785.82	419 297.17	418 808.30	418 319.21
2 12 30	428 354.70	427 856.88	427 358.83	426 860.56	426 362.06
2 15 00	436 435.07	435 927.85	435 420.40	434 912.72	434 404.81
2 17 30	444 515.32	443 998.71	443 481.86	442 964.78	442 447.45
2 20 00	452 595.48	452 069.47	451 543.22	451 016.73	450 490.00
2 22 30	460 675.53	460 140.12	459 604.47	459 068.58	458 532.44
2 25 00	468 755.47	468 210.67	467 665.62	467 120.32	466 574.77
2 27 30	476 835.31	476 281.11	475 726.66	475 171.95	474 616.99
2 30 00	484 915.03	484 351.43	483 787.58	483 223.47	482 659.10
2 32 30	492 994.64	492 421.65	491 848.39	491 274.88	490 701.10
2 35 00	501 074.14	500 491.75	499 909.10	499 326.17	498 742.98
2 37 30	509 153.52	508 561.73	507 969.67	507 377.34	506 784.74
2 40 00	517 232.78	516 631.59	516 030.14	515 428.40	514 826.39
2 42 30	525 311.93	524 701.34	524 090.48	523 479.34	522 867.91
2 45 00	533 390.95	532 770.96	532 150.70	531 530.15	530 909.31
2 47 30	541 469.85	540 840.46	540 210.80	539 580.84	538 950.59
2 50 00	549 548.62	548 909.84	548 270.76	547 631.40	546 991.74
2 52 30	557 627.26	556 979.08	556 330.60	555 681.84	555 032.76
2 55 00	565 705.78	565 048.19	564 390.32	563 732.14	563 073.65
2 57 30	573 784.16	573 117.18	572 449.90	571 782.31	571 114.41
3 00 00	581 862.41	581 186.03	580 509.34	579 832.35	579 155.04

Second-difference correction to x' for indicated values of h and Δλ

Δλ \ h	0" 150"	15" 135"	30" 120"	45" 105"	60" 90"	75" 75"
0°	0	0	0	0	0	0
1°	0	+.01	+.01	+.02	+.02	+.02
2°	+.01	+.02	+.02	+.03	+.03	+.03
3°	+.01	+.03	+.04	+.04	+.05	+.05

Correction for k is negligible

ALASKA – ZONES 2 TO 9
STATE PLANE COORDINATES IN FEET – Y

Δλ \ φ	58 00 00	58 02 30	58 05 00	58 07 30	58 10 00
0 00 00	1461 046.63	1476 270.89	1491 495.26	1506 719.72	1521 944.28
0 02 30	1461 049.12	1476 273.38	1491 497.75	1506 722.20	1521 946.77
0 05 00	1461 056.60	1476 280.86	1491 505.21	1506 729.66	1521 954.22
0 07 30	1461 069.06	1476 293.31	1491 517.66	1506 742.10	1521 966.65
0 10 00	1461 086.51	1476 310.74	1491 535.08	1506 759.51	1521 984.05
0 12 30	1461 108.94	1476 333.16	1491 557.48	1506 781.89	1522 006.41
0 15 00	1461 136.36	1476 360.56	1491 584.86	1506 809.25	1522 033.75
0 17 30	1461 168.76	1476 392.94	1491 617.21	1506 841.59	1522 066.06
0 20 00	1461 206.15	1476 430.30	1491 654.55	1506 878.90	1522 103.34
0 22 30	1461 248.52	1476 472.64	1491 696.86	1506 921.18	1522 145.59
0 25 00	1461 295.88	1476 519.96	1491 744.15	1506 968.43	1522 192.82
0 27 30	1461 348.22	1476 572.27	1491 796.42	1507 020.66	1522 245.01
0 30 00	1461 405.55	1476 629.56	1491 853.66	1507 077.87	1522 302.18
0 32 30	1461 467.86	1476 691.83	1491 915.89	1507 140.05	1522 364.31
0 35 00	1461 535.16	1476 759.08	1491 983.09	1507 207.21	1522 431.42
0 37 30	1461 607.44	1476 831.30	1492 055.27	1507 279.33	1522 503.49
0 40 00	1461 684.71	1476 908.52	1492 132.43	1507 356.43	1522 580.54
0 42 30	1461 766.96	1476 990.71	1492 214.56	1507 438.51	1522 662.56
0 45 00	1461 854.20	1477 077.89	1492 301.68	1507 525.56	1522 749.55
0 47 30	1461 946.43	1477 170.05	1492 393.77	1507 617.59	1522 841.51
0 50 00	1462 043.64	1477 267.19	1492 490.84	1507 714.60	1522 938.45
0 52 30	1462 145.83	1477 369.31	1492 592.89	1507 816.57	1523 040.35
0 55 00	1462 253.01	1477 476.41	1492 699.92	1507 923.52	1523 147.22
0 57 30	1462 365.17	1477 588.50	1492 811.93	1508 035.45	1523 259.07
1 00 00	1462 482.32	1477 705.57	1492 928.91	1508 152.35	1523 375.88
1 02 30	1462 604.46	1477 827.62	1493 050.87	1508 274.22	1523 497.67
1 05 00	1462 731.58	1477 954.65	1493 177.81	1508 401.07	1523 624.43
1 07 30	1462 863.69	1478 086.66	1493 309.73	1508 532.90	1523 756.16
1 10 00	1463 000.78	1478 223.66	1493 446.63	1508 669.70	1523 892.87
1 12 30	1463 142.86	1478 365.64	1493 588.51	1508 811.48	1524 034.54
1 15 00	1463 289.92	1478 512.60	1493 735.36	1508 958.23	1524 181.18
1 17 30	1463 441.97	1478 664.54	1493 887.20	1509 109.95	1524 332.80
1 20 00	1463 599.01	1478 821.46	1494 044.01	1509 266.65	1524 489.39
1 22 30	1463 761.03	1478 983.37	1494 205.80	1509 428.33	1524 650.95
1 25 00	1463 928.04	1479 150.26	1494 372.57	1509 594.98	1524 817.48
1 27 30	1464 100.03	1479 322.13	1494 544.32	1509 766.61	1524 988.99
1 30 00	1464 277.01	1479 498.99	1494 721.05	1509 943.21	1525 165.46
1 32 30	1464 458.97	1479 680.82	1494 902.76	1510 124.78	1525 346.91
1 35 00	1464 645.93	1479 867.64	1495 089.44	1510 311.34	1525 533.33
1 37 30	1464 837.86	1480 059.44	1495 281.11	1510 502.87	1525 724.72
1 40 00	1465 034.79	1480 256.23	1495 477.75	1510 699.37	1525 921.09
1 42 30	1465 236.70	1480 457.99	1495 679.38	1510 900.85	1526 122.42
1 45 00	1465 443.60	1480 664.75	1495 885.98	1511 107.31	1526 328.73
1 47 30	1465 655.48	1480 876.48	1496 097.57	1511 318.74	1526 540.01
1 50 00	1465 872.35	1481 093.20	1496 314.13	1511 535.15	1526 756.26
1 52 30	1466 094.21	1481 314.89	1496 535.67	1511 756.53	1526 977.49
1 55 00	1466 321.05	1481 541.58	1496 762.19	1511 982.89	1527 203.69
1 57 30	1466 552.89	1481 773.25	1496 993.69	1512 214.23	1527 434.86
2 00 00	1466 789.70	1482 009.90	1497 230.17	1512 450.54	1527 671.00
2 02 30	1467 031.51	1482 251.53	1497 471.63	1512 691.83	1527 912.12
2 05 00	1467 278.30	1482 498.14	1497 718.08	1512 938.10	1528 158.20
2 07 30	1467 530.08	1482 749.75	1497 969.50	1513 189.34	1528 409.27
2 10 00	1467 786.85	1483 006.33	1498 225.90	1513 445.56	1528 665.30
2 12 30	1468 048.60	1483 267.90	1498 487.29	1513 706.76	1528 926.31
2 15 00	1468 315.34	1483 534.45	1498 753.65	1513 972.93	1529 192.29
2 17 30	1468 587.07	1483 805.99	1499 024.99	1514 244.07	1529 463.25
2 20 00	1468 863.79	1484 082.51	1499 301.31	1514 520.20	1529 739.17
2 22 30	1469 145.49	1484 364.01	1499 582.62	1514 801.30	1530 020.08
2 25 00	1469 432.19	1484 650.50	1499 868.90	1515 087.39	1530 305.95
2 27 30	1469 723.87	1484 941.98	1500 160.17	1515 378.44	1530 596.80
2 30 00	1470 020.53	1485 238.43	1500 456.41	1515 674.48	1530 892.62
2 32 30	1470 322.19	1485 539.88	1500 757.64	1515 975.49	1531 193.42
2 35 00	1470 628.84	1485 846.31	1501 063.85	1516 281.48	1531 499.19
2 37 30	1470 940.47	1486 157.72	1501 375.04	1516 592.45	1531 809.93
2 40 00	1471 257.09	1486 474.12	1501 691.22	1516 908.40	1532 125.66
2 42 30	1471 578.70	1486 795.50	1502 012.37	1517 229.32	1532 446.35
2 45 00	1471 905.30	1487 121.87	1502 338.50	1517 555.22	1532 772.02
2 47 30	1472 236.89	1487 453.22	1502 669.62	1517 886.10	1533 102.66
2 50 00	1472 573.47	1487 789.56	1503 005.72	1518 221.96	1533 438.28
2 52 30	1472 915.04	1488 130.89	1503 346.80	1518 562.80	1533 778.87
2 55 00	1473 261.59	1488 477.20	1503 692.87	1518 908.62	1534 124.44
2 57 30	1473 613.14	1488 828.49	1504 043.91	1519 259.41	1534 474.98
3 00 00	1473 969.67	1489 184.77	1504 399.94	1519 615.18	1534 830.50

Second-difference correction to y for indicated value of k (for all Δλ's)

k	0" 150"	5" 145"	10" 140"	15" 135"	20" 130"	25" 125"	30" 120"	35" 115"	40" 110"	45" 105"	50" 100"	55" 95"	60" 90"	65" 85"	70" 80"	75" 75"
Correction	-.01	-.09	-.16	-.23	-.30	-.36	-.41	-.46	-.50	-.53	-.56	-.59	-.61	-.62	-.63	-.63

Correction for h is negligible

ALASKA – ZONES 2 TO 9
STATE PLANE COORDINATES IN FEET – X'

Δλ \ φ	58 10 00	58 12 30	58 15 00	58 17 30	58 20 00
0 00 00	0.00	0.00	0.00	0.00	0.00
0 02 30	8 045.45	8 036.04	8 026.63	8 017.21	8 007.79
0 05 00	16 090.90	16 072.08	16 053.26	16 034.42	16 015.58
0 07 30	24 136.34	24 108.11	24 079.88	24 051.63	24 023.36
0 10 00	32 181.78	32 144.15	32 106.49	32 068.83	32 031.14
0 12 30	40 227.21	40 180.17	40 133.11	40 086.02	40 038.91
0 15 00	48 272.63	48 216.18	48 159.70	48 103.20	48 046.67
0 17 30	56 318.04	56 252.18	56 186.30	56 120.37	56 054.43
0 20 00	64 363.44	64 288.17	64 212.87	64 137.53	64 062.16
0 22 30	72 408.82	72 324.14	72 239.43	72 154.68	72 069.88
0 25 00	80 454.19	80 360.10	80 265.97	80 171.80	80 077.59
0 27 30	88 499.53	88 396.04	88 292.50	88 188.91	88 085.27
0 30 00	96 544.86	96 431.96	96 319.00	96 206.00	96 092.94
0 32 30	104 590.16	104 467.85	104 345.48	104 223.06	104 100.58
0 35 00	112 635.44	112 503.72	112 371.94	112 240.10	112 108.19
0 37 30	120 680.69	120 539.56	120 398.37	120 257.11	120 115.79
0 40 00	128 725.92	128 575.38	128 424.77	128 274.09	128 123.35
0 42 30	136 771.11	136 611.16	136 451.14	136 291.05	136 130.88
0 45 00	144 816.27	144 646.91	144 477.48	144 307.97	144 138.38
0 47 30	152 861.40	152 682.63	152 503.79	152 324.86	152 145.85
0 50 00	160 906.49	160 718.31	160 530.05	160 341.71	160 153.28
0 52 30	168 951.54	168 753.96	168 556.29	168 358.52	168 160.67
0 55 00	176 996.56	176 789.56	176 582.48	176 375.29	176 168.02
0 57 30	185 041.53	184 825.13	184 608.63	184 392.03	184 175.33
1 00 00	193 086.46	192 860.65	192 634.73	192 408.71	192 182.59
1 02 30	201 131.34	200 896.12	200 660.79	200 425.36	200 189.81
1 05 00	209 176.18	208 931.55	208 686.81	208 441.96	208 196.99
1 07 30	217 220.97	216 966.93	216 712.77	216 458.50	216 204.11
1 10 00	225 265.71	225 002.26	224 738.68	224 475.00	224 211.19
1 12 30	233 310.39	233 037.53	232 764.54	232 491.44	232 218.20
1 15 00	241 355.02	241 072.75	240 790.35	240 507.83	240 225.17
1 17 30	249 399.59	249 107.91	248 816.10	248 524.16	248 232.08
1 20 00	257 444.10	257 143.01	256 841.79	256 540.42	256 238.92
1 22 30	265 488.56	265 178.06	264 867.42	264 556.63	264 245.71
1 25 00	273 532.95	273 213.04	272 892.98	272 572.78	272 252.43
1 27 30	281 577.28	281 247.96	280 918.49	280 588.86	280 259.09
1 30 00	289 621.54	289 282.81	288 943.92	288 604.88	288 265.69
1 32 30	297 665.74	297 317.59	296 969.29	296 620.83	296 272.21
1 35 00	305 709.86	305 352.31	304 994.59	304 636.71	304 278.67
1 37 30	313 753.91	313 386.95	313 019.82	312 652.52	312 285.05
1 40 00	321 797.89	321 421.51	321 044.96	320 668.25	320 291.36
1 42 30	329 841.79	329 456.01	329 070.04	328 683.91	328 297.59
1 45 00	337 885.62	337 490.42	337 095.04	336 699.48	336 303.75
1 47 30	345 929.37	345 524.76	345 119.96	344 714.99	344 309.82
1 50 00	353 973.03	353 559.01	353 144.80	352 730.40	352 315.81
1 52 30	362 016.61	361 593.18	361 169.56	360 745.74	360 321.72
1 55 00	370 060.11	369 627.27	369 194.23	368 760.98	368 327.55
1 57 30	378 103.52	377 661.26	377 218.81	376 776.15	376 333.28
2 00 00	386 146.85	385 695.17	385 243.30	384 791.22	384 338.93
2 02 30	394 190.08	393 729.00	393 267.71	392 806.20	392 344.49
2 05 00	402 233.21	401 762.72	401 292.01	400 821.09	400 349.95
2 07 30	410 276.26	409 796.35	409 316.23	408 835.88	408 355.32
2 10 00	418 319.21	417 829.89	417 340.35	416 850.58	416 360.59
2 12 30	426 362.06	425 863.32	425 364.37	424 865.18	424 365.76
2 15 00	434 404.81	433 896.66	433 388.28	432 879.68	432 370.83
2 17 30	442 447.45	441 929.89	441 412.10	440 894.07	440 375.80
2 20 00	450 490.00	449 963.02	449 435.81	448 908.36	448 380.66
2 22 30	458 532.44	457 996.05	457 459.42	456 922.54	456 385.42
2 25 00	466 574.77	466 028.97	465 482.92	464 936.62	464 390.07
2 27 30	474 616.99	474 061.77	473 506.31	472 950.59	472 394.61
2 30 00	482 659.10	482 094.47	481 529.59	480 964.44	480 399.04
2 32 30	490 701.10	490 127.05	489 552.75	488 978.18	488 403.35
2 35 00	498 742.98	498 159.52	497 575.80	496 991.80	496 407.54
2 37 30	506 784.74	506 191.87	505 598.73	505 005.31	504 411.63
2 40 00	514 826.39	514 224.09	513 621.54	513 018.70	512 415.58
2 42 30	522 867.91	522 256.21	521 644.23	521 031.96	520 419.42
2 45 00	530 909.31	530 288.19	529 666.79	529 045.10	528 423.14
2 47 30	538 950.59	538 320.05	537 689.23	537 058.12	536 426.72
2 50 00	546 991.74	546 351.78	545 711.54	545 071.01	544 430.18
2 52 30	555 032.76	554 383.39	553 733.73	553 083.77	552 433.51
2 55 00	563 073.65	562 414.87	561 755.79	561 096.40	560 436.71
2 57 30	571 114.41	570 446.21	569 777.71	569 108.89	568 439.78
3 00 00	579 155.04	578 477.41	577 799.49	577 121.25	576 442.71

Second-difference correction to x' for indicated values of h and Δλ

Δλ \ h	0" 150"	15" 135"	30" 120"	45" 105"	60" 90"	75" 75"
0°	0	0	0	0	0	0
1°	0	+.01	+.01	+.02	+.02	+.02
2°	+.01	+.02	+.02	+.03	+.03	+.03
3°	+.01	+.03	+.04	+.04	+.05	+.05

Correction for k is negligible

ALASKA – ZONES 2 TO 9
STATE PLANE COORDINATES IN FEET – Y

Δλ \ φ	58 10 00	58 12 30	58 15 00	58 17 30	58 20 00
0 00 00	1521 944.28	1537 168.94	1552 393.71	1567 618.58	1582 843.55
0 02 30	1521 946.77	1537 171.43	1552 396.19	1567 621.06	1582 846.03
0 05 00	1521 954.22	1537 178.88	1552 403.64	1567 628.50	1582 853.46
0 07 30	1521 966.65	1537 191.30	1552 416.05	1567 640.90	1582 865.85
0 10 00	1521 984.05	1537 208.68	1552 433.42	1567 658.26	1582 883.20
0 12 30	1522 006.41	1537 231.03	1552 455.76	1567 680.58	1582 905.51
0 15 00	1522 033.75	1537 258.35	1552 483.06	1567 707.86	1582 932.77
0 17 30	1522 066.06	1537 290.64	1552 515.32	1567 740.10	1582 964.98
0 20 00	1522 103.34	1537 327.89	1552 552.55	1567 777.30	1583 002.16
0 22 30	1522 145.59	1537 370.11	1552 594.74	1567 819.46	1583 044.28
0 25 00	1522 192.82	1537 417.30	1552 641.89	1567 866.58	1583 091.37
0 27 30	1522 245.01	1537 469.46	1552 694.01	1567 918.66	1583 143.41
0 30 00	1522 302.18	1537 526.58	1552 751.09	1567 975.70	1583 200.41
0 32 30	1522 364.31	1537 588.67	1552 813.14	1568 037.71	1583 262.37
0 35 00	1522 431.42	1537 655.73	1552 880.15	1568 104.67	1583 329.28
0 37 30	1522 503.49	1537 727.76	1552 952.12	1568 176.58	1583 401.15
0 40 00	1522 580.54	1537 804.75	1553 029.06	1568 253.47	1583 477.97
0 42 30	1522 662.56	1537 886.71	1553 110.96	1568 335.31	1583 559.76
0 45 00	1522 749.55	1537 973.64	1553 197.83	1568 422.11	1583 646.50
0 47 30	1522 841.51	1538 065.53	1553 289.66	1568 513.87	1583 738.19
0 50 00	1522 938.45	1538 162.40	1553 386.45	1568 610.60	1583 834.85
0 52 30	1523 040.35	1538 264.22	1553 488.20	1568 712.28	1583 936.45
0 55 00	1523 147.22	1538 371.02	1553 594.92	1568 818.92	1584 043.02
0 57 30	1523 259.07	1538 482.79	1553 706.61	1568 930.53	1584 154.54
1 00 00	1523 375.88	1538 599.52	1553 823.26	1569 047.09	1584 271.02
1 02 30	1523 497.67	1538 721.22	1553 944.87	1569 168.62	1584 392.46
1 05 00	1523 624.43	1538 847.89	1554 071.45	1569 295.10	1584 518.85
1 07 30	1523 756.16	1538 979.53	1554 202.99	1569 426.55	1584 650.20
1 10 00	1523 892.87	1539 116.13	1554 339.50	1569 562.96	1584 786.51
1 12 30	1524 034.54	1539 257.70	1554 480.97	1569 704.32	1584 927.77
1 15 00	1524 181.18	1539 404.24	1554 627.40	1569 850.65	1585 074.00
1 17 30	1524 332.80	1539 555.75	1554 778.80	1570 001.94	1585 225.18
1 20 00	1524 489.39	1539 712.23	1554 935.16	1570 158.19	1585 381.31
1 22 30	1524 650.95	1539 873.67	1555 096.49	1570 319.40	1585 542.41
1 25 00	1524 817.48	1540 040.08	1555 262.78	1570 485.57	1585 708.46
1 27 30	1524 988.99	1540 211.46	1555 434.03	1570 656.70	1585 879.47
1 30 00	1525 165.46	1540 387.81	1555 610.26	1570 832.80	1586 055.43
1 32 30	1525 346.91	1540 569.13	1555 791.45	1571 013.85	1586 236.35
1 35 00	1525 533.33	1540 755.42	1555 977.59	1571 199.87	1586 422.23
1 37 30	1525 724.72	1540 946.67	1556 168.71	1571 390.84	1586 613.07
1 40 00	1525 921.09	1541 142.89	1556 364.79	1571 586.78	1586 808.87
1 42 30	1526 122.42	1541 344.08	1556 565.84	1571 787.68	1587 009.62
1 45 00	1526 328.73	1541 550.24	1556 771.85	1571 993.55	1587 215.33
1 47 30	1526 540.01	1541 761.37	1556 982.82	1572 204.37	1587 426.00
1 50 00	1526 756.26	1541 977.47	1557 198.77	1572 420.16	1587 641.63
1 52 30	1526 977.49	1542 198.53	1557 419.67	1572 640.90	1587 862.22
1 55 00	1527 203.69	1542 424.57	1557 645.55	1572 866.61	1588 087.76
1 57 30	1527 434.86	1542 655.57	1557 876.38	1573 097.28	1588 318.26
2 00 00	1527 671.00	1542 891.55	1558 112.19	1573 332.91	1588 553.73
2 02 30	1527 912.12	1543 132.49	1558 352.95	1573 573.50	1588 794.15
2 05 00	1528 158.20	1543 378.40	1558 598.69	1573 819.06	1589 039.52
2 07 30	1528 409.27	1543 629.28	1558 849.39	1574 069.58	1589 289.86
2 10 00	1528 665.30	1543 885.13	1559 105.05	1574 325.06	1589 545.15
2 12 30	1528 926.31	1544 145.95	1559 365.68	1574 585.50	1589 805.41
2 15 00	1529 192.29	1544 411.74	1559 631.28	1574 850.91	1590 070.62
2 17 30	1529 463.25	1544 682.50	1559 901.85	1575 121.28	1590 340.79
2 20 00	1529 739.17	1544 958.23	1560 177.38	1575 396.61	1590 615.92
2 22 30	1530 020.08	1545 238.93	1560 457.88	1575 676.90	1590 896.01
2 25 00	1530 305.95	1545 524.60	1560 743.34	1575 962.16	1591 181.06
2 27 30	1530 596.80	1545 815.24	1561 033.77	1576 252.38	1591 471.07
2 30 00	1530 892.62	1546 110.85	1561 329.16	1576 547.56	1591 766.04
2 32 30	1531 193.42	1546 411.43	1561 629.53	1576 847.71	1592 065.96
2 35 00	1531 499.19	1546 716.99	1561 934.86	1577 152.81	1592 370.85
2 37 30	1531 809.93	1547 027.50	1562 245.16	1577 462.88	1592 680.69
2 40 00	1532 125.66	1547 343.00	1562 560.42	1577 777.92	1592 995.50
2 42 30	1532 446.35	1547 663.46	1562 880.65	1578 097.92	1593 315.27
2 45 00	1532 772.02	1547 988.90	1563 205.85	1578 422.88	1593 639.99
2 47 30	1533 102.66	1548 319.30	1563 536.02	1578 752.81	1593 969.68
2 50 00	1533 438.28	1548 654.67	1563 871.15	1579 087.70	1594 304.33
2 52 30	1533 778.87	1548 995.02	1564 211.25	1579 427.55	1594 643.93
2 55 00	1534 124.44	1549 340.34	1564 556.32	1579 772.37	1594 988.50
2 57 30	1534 474.98	1549 690.63	1564 906.36	1580 122.16	1595 338.03
3 00 00	1534 830.50	1550 045.89	1565 261.36	1580 476.90	1595 692.51

Second-difference correction to y for indicated value of k (for all Δλ's)

k	0" 150"	5" 145"	10" 140"	15" 135"	20" 130"	25" 125"	30" 120"	35" 115"	40" 110"	45" 105"	50" 100"	55" 95"	60" 90"	65" 85"	70" 80"	75" 75"
Correction	-.01	-.09	-.16	-.23	-.30	-.36	-.41	-.46	-.50	-.53	-.56	-.59	-.61	-.62	-.63	.63

Correction for h is negligible

ALASKA – ZONES 2 TO 9
STATE PLANE COORDINATES IN FEET – X'

Δλ \ φ	58 40 00	58 42 30	58 45 00	58 47 30	58 50 00
0 00 00	0.00	0.00	0.00	0.00	0.00
0 02 30	7 932.26	7 922.81	7 913.34	7 903.87	7 894.40
0 05 00	15 864.53	15 845.61	15 826.68	15 807.74	15 788.80
0 07 30	23 796.79	23 768.41	23 740.01	23 711.61	23 683.19
0 10 00	31 729.04	31 691.20	31 653.35	31 615.47	31 577.58
0 12 30	39 661.29	39 613.99	39 566.67	39 519.33	39 471.97
0 15 00	47 593.52	47 536.77	47 479.98	47 423.17	47 366.34
0 17 30	55 525.75	55 459.53	55 393.28	55 327.00	55 260.69
0 20 00	63 457.96	63 382.28	63 306.57	63 230.82	63 155.04
0 22 30	71 390.16	71 305.02	71 219.84	71 134.62	71 049.37
0 25 00	79 322.33	79 227.74	79 133.09	79 038.41	78 943.69
0 27 30	87 254.49	87 150.44	87 046.33	86 942.18	86 837.98
0 30 00	95 186.63	95 073.11	94 959.54	94 845.92	94 732.25
0 32 30	103 118.74	102 995.77	102 872.73	102 749.64	102 626.50
0 35 00	111 050.84	110 918.40	110 785.90	110 653.34	110 520.72
0 37 30	118 982.90	118 841.00	118 699.04	118 557.01	118 414.92
0 40 00	126 914.93	126 763.57	126 612.15	126 460.65	126 309.09
0 42 30	134 846.94	134 686.12	134 525.23	134 364.26	134 203.23
0 45 00	142 778.91	142 608.63	142 438.27	142 267.84	142 097.33
0 47 30	150 710.84	150 531.10	150 351.28	150 171.38	149 991.40
0 50 00	158 642.74	158 453.54	158 264.26	158 074.89	157 885.43
0 52 30	166 574.60	166 375.94	166 177.19	165 978.35	165 779.43
0 55 00	174 506.42	174 298.30	174 090.09	173 881.78	173 673.38
0 57 30	182 438.20	182 220.62	182 002.94	181 785.16	181 567.29
1 00 00	190 369.94	190 142.89	189 915.75	189 688.50	189 461.16
1 02 30	198 301.63	198 065.12	197 828.51	197 591.80	197 354.98
1 05 00	206 233.27	205 987.30	205 741.23	205 495.04	205 248.75
1 07 30	214 164.85	213 909.43	213 653.89	213 398.24	213 142.47
1 10 00	222 096.39	221 831.51	221 566.50	221 301.38	221 036.14
1 12 30	230 027.88	229 753.53	229 479.06	229 204.47	228 929.75
1 15 00	237 959.30	237 675.50	237 391.56	237 107.50	236 823.31
1 17 30	245 890.68	245 597.40	245 304.00	245 010.47	244 716.81
1 20 00	253 821.98	253 519.25	253 216.39	252 913.38	252 610.25
1 22 30	261 753.23	261 441.04	261 128.71	260 816.23	260 503.62
1 25 00	269 684.42	269 362.76	269 040.96	268 719.02	268 396.94
1 27 30	277 615.54	277 284.42	276 953.16	276 621.75	276 290.19
1 30 00	285 546.59	285 206.01	284 865.28	284 524.40	284 183.37
1 32 30	293 477.58	293 127.53	292 777.34	292 426.98	292 076.48
1 35 00	301 408.49	301 048.98	300 689.32	300 329.50	299 969.51
1 37 30	309 339.33	308 970.36	308 601.23	308 231.94	307 862.48
1 40 00	317 270.09	316 891.66	316 513.06	316 134.30	315 755.37
1 42 30	325 200.77	324 812.89	324 424.83	324 036.59	323 648.18
1 45 00	333 131.38	332 734.03	332 336.50	331 938.79	331 540.91
1 47 30	341 061.91	340 655.09	340 248.10	339 840.92	339 433.57
1 50 00	348 992.36	348 576.07	348 159.62	347 742.97	347 326.13
1 52 30	356 922.71	356 496.97	356 071.04	355 644.93	355 218.61
1 55 00	364 852.99	364 417.78	363 982.39	363 546.80	363 111.01
1 57 30	372 783.17	372 338.50	371 893.64	371 448.58	371 003.32
2 00 00	380 713.26	380 259.13	379 804.80	379 350.27	378 895.53
2 02 30	388 643.27	388 179.67	387 715.87	387 251.87	386 787.65
2 05 00	396 573.17	396 100.11	395 626.85	395 153.37	394 679.68
2 07 30	404 502.98	404 020.46	403 537.73	403 054.78	402 571.61
2 10 00	412 432.69	411 940.70	411 448.50	410 956.08	410 463.44
2 12 30	420 362.31	419 860.86	419 359.18	418 857.29	418 355.17
2 15 00	428 291.81	427 780.90	427 269.76	426 758.40	426 246.80
2 17 30	436 221.22	435 700.84	435 180.23	434 659.39	434 138.32
2 20 00	444 150.52	443 620.68	443 090.60	442 560.29	442 029.74
2 22 30	452 079.71	451 540.40	451 000.86	450 461.07	449 921.04
2 25 00	460 008.79	459 460.02	458 911.00	458 361.75	457 812.24
2 27 30	467 937.76	467 379.52	466 821.04	466 262.31	465 703.32
2 30 00	475 866.62	475 298.91	474 730.96	474 162.75	473 594.30
2 32 30	483 795.36	483 218.19	482 640.77	482 063.09	481 485.15
2 35 00	491 723.98	491 137.35	490 550.45	489 963.30	489 375.88
2 37 30	499 652.49	499 056.39	498 460.02	497 863.39	497 266.50
2 40 00	507 580.87	506 975.30	506 369.47	505 763.37	505 156.99
2 42 30	515 509.13	514 894.10	514 278.79	513 663.21	513 047.36
2 45 00	523 437.26	522 812.76	522 187.99	521 562.93	520 937.60
2 47 30	531 365.27	530 731.30	530 097.06	529 462.53	528 827.72
2 50 00	539 293.14	538 649.71	538 005.99	537 361.99	536 717.70
2 52 30	547 220.89	546 567.99	545 914.80	545 261.32	544 607.55
2 55 00	555 148.51	554 486.14	553 823.48	553 160.52	552 497.27
2 57 30	563 075.98	562 404.15	561 732.01	561 059.58	560 386.85
3 00 00	571 003.32	570 322.02	569 640.42	568 958.51	568 276.30

Second-difference correction to x' for indicated values of h and Δλ

Δλ \ h	0" 150"	15" 135"	30" 120"	45" 105"	60" 90"	75" 75"
0°	0	0	0	0	0	0
1°	0	+.01	+.01	+.02	+.02	+.02
2°	+.01	+.02	+.02	+.03	+.03	+.03
3°	+.01	+.03	+.04	+.04	+.05	+.05

Correction for k is negligible

ALASKA – ZONES 2 TO 9
STATE PLANE COORDINATES IN FEET – Y

Δλ \ φ	58 40 00	58 42 30	58 45 00	58 47 30	58 50 00
0 00 00	1704 646.93	1719 872.81	1735 098.78	1750 324.86	1765 551.04
0 02 30	1704 649.40	1719 875.27	1735 101.24	1750 327.32	1765 553.49
0 05 00	1704 656.79	1719 882.65	1735 108.62	1750 334.69	1765 560.86
0 07 30	1704 669.10	1719 894.96	1735 120.92	1750 346.98	1765 573.14
0 10 00	1704 686.35	1719 912.20	1735 138.14	1750 364.19	1765 590.33
0 12 30	1704 708.52	1719 934.35	1735 160.28	1750 386.31	1765 612.44
0 15 00	1704 735.62	1719 961.43	1735 187.34	1750 413.35	1765 639.46
0 17 30	1704 767.65	1719 993.43	1735 219.32	1750 445.30	1765 671.39
0 20 00	1704 804.60	1720 030.36	1735 256.22	1750 482.17	1765 708.23
0 22 30	1704 846.49	1720 072.21	1735 298.04	1750 523.96	1765 749.99
0 25 00	1704 893.29	1720 118.98	1735 344.77	1750 570.66	1765 796.65
0 27 30	1704 945.03	1720 170.68	1735 396.43	1750 622.28	1765 848.23
0 30 00	1705 001.69	1720 227.30	1735 453.01	1750 678.82	1765 904.73
0 32 30	1705 063.28	1720 288.85	1735 514.51	1750 740.27	1765 966.13
0 35 00	1705 129.80	1720 355.31	1735 580.93	1750 806.64	1766 032.45
0 37 30	1705 201.24	1720 426.70	1735 652.26	1750 877.92	1766 103.68
0 40 00	1705 277.62	1720 503.02	1735 728.52	1750 954.12	1766 179.82
0 42 30	1705 358.92	1720 584.26	1735 809.70	1751 035.24	1766 260.88
0 45 00	1705 445.15	1720 670.42	1735 895.80	1751 121.27	1766 346.84
0 47 30	1705 536.30	1720 761.51	1735 986.82	1751 212.22	1766 437.72
0 50 00	1705 632.38	1720 857.52	1736 082.75	1751 308.09	1766 533.51
0 52 30	1705 733.39	1720 958.45	1736 183.61	1751 408.87	1766 634.22
0 55 00	1705 839.33	1721 064.31	1736 289.39	1751 514.57	1766 739.84
0 57 30	1705 950.20	1721 175.09	1736 400.09	1751 625.18	1766 850.37
1 00 00	1706 065.99	1721 290.80	1736 515.71	1751 740.71	1766 965.82
1 02 30	1706 186.71	1721 411.43	1736 636.25	1751 861.16	1767 086.17
1 05 00	1706 312.36	1721 536.98	1736 761.71	1751 986.52	1767 211.44
1 07 30	1706 442.94	1721 667.46	1736 892.09	1752 116.81	1767 341.62
1 10 00	1706 578.44	1721 802.87	1737 027.39	1752 252.00	1767 476.72
1 12 30	1706 718.87	1721 943.19	1737 167.60	1752 392.12	1767 616.72
1 15 00	1706 864.23	1722 088.44	1737 312.75	1752 537.15	1767 761.64
1 17 30	1707 014.52	1722 238.62	1737 462.81	1752 687.10	1767 911.48
1 20 00	1707 169.74	1722 393.71	1737 617.79	1752 841.96	1768 066.23
1 22 30	1707 329.88	1722 553.74	1737 777.69	1753 001.74	1768 225.89
1 25 00	1707 494.95	1722 718.69	1737 942.51	1753 166.44	1768 390.46
1 27 30	1707 664.95	1722 888.56	1738 112.26	1753 336.06	1768 559.95
1 30 00	1707 839.88	1723 063.35	1738 286.93	1753 510.59	1768 734.35
1 32 30	1708 019.73	1723 243.08	1738 466.51	1753 690.04	1768 913.66
1 35 00	1708 204.52	1723 427.72	1738 651.02	1753 874.41	1769 097.89
1 37 30	1708 394.23	1723 617.29	1738 840.45	1754 063.69	1769 287.03
1 40 00	1708 588.87	1723 811.79	1739 034.79	1754 257.89	1769 481.09
1 42 30	1708 788.44	1724 011.21	1739 234.06	1754 457.01	1769 680.05
1 45 00	1708 992.94	1724 215.55	1739 438.26	1754 661.05	1769 883.93
1 47 30	1709 202.37	1724 424.82	1739 647.37	1754 870.00	1770 092.73
1 50 00	1709 416.73	1724 639.01	1739 861.40	1755 083.87	1770 306.44
1 52 30	1709 636.01	1724 858.13	1740 080.35	1755 302.66	1770 525.06
1 55 00	1709 860.22	1725 082.18	1740 304.23	1755 526.37	1770 748.60
1 57 30	1710 089.36	1725 311.15	1740 533.03	1755 754.99	1770 977.05
2 00 00	1710 323.44	1725 545.05	1740 766.75	1755 988.54	1771 210.41
2 02 30	1710 562.44	1725 783.87	1741 005.39	1756 227.00	1771 448.69
2 05 00	1710 806.37	1726 027.61	1741 248.95	1756 470.37	1771 691.89
2 07 30	1711 055.22	1726 276.28	1741 497.44	1756 718.67	1771 939.99
2 10 00	1711 309.01	1726 529.89	1741 750.84	1756 971.88	1772 193.01
2 12 30	1711 567.73	1726 788.41	1742 009.17	1757 230.02	1772 450.95
2 15 00	1711 831.38	1727 051.86	1742 272.42	1757 493.07	1772 713.80
2 17 30	1712 099.95	1727 320.23	1742 540.59	1757 761.04	1772 981.57
2 20 00	1712 373.46	1727 593.53	1742 813.69	1758 033.93	1773 254.25
2 22 30	1712 651.90	1727 871.76	1743 091.71	1758 311.73	1773 531.85
2 25 00	1712 935.26	1728 154.91	1743 374.64	1758 594.46	1773 814.36
2 27 30	1713 223.56	1728 442.99	1743 662.51	1758 882.10	1774 101.78
2 30 00	1713 516.79	1728 736.00	1743 955.29	1759 174.66	1774 394.12
2 32 30	1713 814.94	1729 033.93	1744 253.00	1759 472.15	1774 691.38
2 35 00	1714 118.03	1729 336.79	1744 555.63	1759 774.55	1774 993.55
2 37 30	1714 426.05	1729 644.58	1744 863.18	1760 081.87	1775 300.64
2 40 00	1714 738.99	1729 957.29	1745 175.66	1760 394.11	1775 612.64
2 42 30	1715 056.87	1730 274.93	1745 493.06	1760 711.27	1775 929.55
2 45 00	1715 379.68	1730 597.49	1745 815.38	1761 033.34	1776 251.39
2 47 30	1715 707.42	1730 924.98	1746 142.63	1761 360.34	1776 578.14
2 50 00	1716 040.09	1731 257.40	1746 474.79	1761 692.26	1776 909.80
2 52 30	1716 377.69	1731 594.75	1746 811.89	1762 029.09	1777 246.38
2 55 00	1716 720.22	1731 937.02	1747 153.90	1762 370.85	1777 587.88
2 57 30	1717 067.68	1732 284.23	1747 500.85	1762 717.53	1777 934.29
3 00 00	1717 420.08	1732 636.35	1747 852.70	1763 069.12	1778 285.62

Second-difference correction to y for indicated value of k (for all Δλ's)

k	0" 150"	5" 145"	10" 140"	15" 135"	20" 130"	25" 125"	30" 120"	35" 115"	40" 110"	45" 105"	50" 100"	55" 95"	60" 90"	65" 85"	70" 80"	75" 75"
Correction	-.01	-.09	-.16	-.23	-.29	-.35	-.40	-.45	-.49	-.52	-.55	-.58	-.60	-.61	-.62	-.62

Correction for h is negligible

ALASKA – ZONES 2 TO 9
STATE PLANE COORDINATES IN FEET – X'

Δλ \ φ	58 50 00	58 52 30	58 55 00	58 57 30	59 00 00
0 00 00	0.00	0.00	0.00	0.00	0.00
0 02 30	7 894.40	7 884.93	7 875.44	7 865.96	7 856.47
0 05 00	15 788.80	15 769.84	15 750.88	15 731.91	15 712.93
0 07 30	23 683.19	23 654.76	23 626.32	23 597.86	23 569.40
0 10 00	31 577.58	31 539.68	31 501.75	31 463.81	31 425.85
0 12 30	39 471.97	39 424.58	39 377.18	39 329.75	39 282.30
0 15 00	47 366.34	47 309.48	47 252.59	47 195.68	47 138.74
0 17 30	55 260.69	55 194.35	55 127.99	55 061.59	54 995.17
0 20 00	63 155.04	63 079.23	63 003.38	62 927.50	62 851.58
0 22 30	71 049.37	70 964.08	70 878.75	70 793.39	70 707.98
0 25 00	78 943.69	78 848.91	78 754.10	78 659.25	78 564.36
0 27 30	86 837.98	86 733.73	86 629.44	86 525.10	86 420.72
0 30 00	94 732.25	94 618.53	94 504.76	94 390.93	94 277.06
0 32 30	102 626.50	102 503.30	102 380.05	102 256.74	102 133.38
0 35 00	110 520.72	110 388.05	110 255.31	110 122.52	109 989.67
0 37 30	118 414.92	118 272.77	118 130.55	117 988.27	117 845.93
0 40 00	126 309.09	126 157.46	126 005.76	125 854.00	125 702.17
0 42 30	134 203.23	134 042.12	133 880.94	133 719.69	133 558.37
0 45 00	142 097.33	141 926.75	141 756.08	141 585.35	141 414.54
0 47 30	149 991.40	149 811.34	149 631.20	149 450.97	149 270.67
0 50 00	157 885.43	157 695.90	157 506.27	157 316.56	157 126.77
0 52 30	165 779.43	165 580.41	165 381.30	165 182.11	164 982.83
0 55 00	173 673.38	173 464.89	173 256.30	173 047.62	172 838.85
0 57 30	181 567.29	181 349.32	181 131.25	180 913.08	180 694.83
1 00 00	189 461.16	189 233.71	189 006.16	188 778.51	188 550.75
1 02 30	197 354.98	197 118.05	196 881.02	196 643.88	196 406.63
1 05 00	205 248.75	205 002.34	204 755.83	204 509.20	204 262.47
1 07 30	213 142.47	212 886.59	212 630.59	212 374.48	212 118.26
1 10 00	221 036.14	220 770.78	220 505.30	220 239.70	219 973.99
1 12 30	228 929.75	228 654.91	228 379.95	228 104.87	227 829.67
1 15 00	236 823.31	236 538.99	236 254.55	235 969.98	235 685.28
1 17 30	244 716.81	244 423.02	244 129.09	243 835.03	243 540.84
1 20 00	252 610.25	252 306.97	252 003.57	251 700.02	251 396.35
1 22 30	260 503.62	260 190.87	259 877.98	259 564.95	259 251.78
1 25 00	268 396.94	268 074.71	267 752.33	267 429.82	267 107.16
1 27 30	276 290.19	275 958.48	275 626.62	275 294.62	274 962.47
1 30 00	284 183.37	283 842.18	283 500.84	283 159.35	282 817.71
1 32 30	292 076.48	291 725.81	291 374.99	291 024.01	290 672.88
1 35 00	299 969.51	299 609.37	299 249.07	298 888.60	298 527.98
1 37 30	307 862.48	307 492.86	307 123.07	306 753.12	306 383.00
1 40 00	315 755.37	315 376.27	314 996.99	314 617.55	314 237.95
1 42 30	323 648.18	323 259.60	322 870.84	322 481.92	322 092.82
1 45 00	331 540.91	331 142.85	330 744.61	330 346.20	329 947.61
1 47 30	339 433.57	339 026.02	338 618.30	338 210.40	337 802.32
1 50 00	347 326.13	346 909.11	346 491.91	346 074.52	345 656.94
1 52 30	355 218.61	354 792.12	354 365.42	353 938.54	353 511.48
1 55 00	363 111.01	362 675.03	362 238.86	361 802.49	361 365.93
1 57 30	371 003.32	370 557.86	370 112.20	369 666.34	369 220.29
2 00 00	378 895.53	378 440.59	377 985.45	377 530.10	377 074.56
2 02 30	386 787.65	386 323.23	385 858.60	385 393.77	384 928.73
2 05 00	394 679.68	394 205.78	393 731.67	393 257.34	392 782.81
2 07 30	402 571.61	402 088.23	401 604.63	401 120.82	400 636.79
2 10 00	410 463.44	409 970.57	409 477.49	408 984.20	408 490.67
2 12 30	418 355.17	417 852.83	417 350.26	416 847.47	416 344.46
2 15 00	426 246.80	425 734.98	425 222.92	424 710.64	424 198.13
2 17 30	434 138.32	433 617.02	433 095.48	432 573.71	432 051.71
2 20 00	442 029.74	441 498.95	440 967.92	440 436.67	439 905.17
2 22 30	449 921.04	449 380.77	448 840.26	448 299.51	447 758.53
2 25 00	457 812.24	457 262.49	456 712.49	456 162.25	455 611.77
2 27 30	465 703.32	465 144.09	464 584.61	464 024.88	463 464.90
2 30 00	473 594.30	473 025.58	472 456.61	471 887.39	471 317.92
2 32 30	481 485.15	480 906.95	480 328.50	479 749.79	479 170.82
2 35 00	489 375.88	488 788.20	488 200.26	487 612.06	487 023.60
2 37 30	497 266.50	496 669.33	496 071.90	495 474.21	494 876.25
2 40 00	505 156.99	504 550.35	503 943.43	503 336.23	502 728.79
2 42 30	513 047.36	512 431.23	511 814.83	511 198.15	510 581.20
2 45 00	520 937.60	520 311.99	519 686.10	519 059.93	518 433.49
2 47 30	528 827.72	528 192.62	527 557.24	526 921.58	526 285.64
2 50 00	536 717.70	536 073.12	535 428.25	534 783.11	534 137.67
2 52 30	544 607.55	543 953.49	543 299.13	542 644.49	541 989.56
2 55 00	552 497.27	551 833.72	551 169.88	550 505.74	549 841.31
2 57 30	560 386.85	559 713.82	559 040.49	558 366.86	557 692.93
3 00 00	568 276.30	567 593.78	566 910.96	566 227.84	565 544.42

Second-difference correction to x' for indicated values of h and Δλ

Δλ \ h	0" 150"	15" 135"	30" 120"	45" 105"	60" 90"	75" 75"
0°	0	0	0	0	0	0
1°	0	+.01	+.01	+.02	+.02	+.02
2°	+.01	+.02	+.02	+.03	+.03	+.03
3°	+.01	+.03	+.04	+.04	+.05	+.05

Correction for k is negligible

ALASKA – ZONES 2 TO 9
STATE PLANE COORDINATES IN FEET – Y

Δλ \ φ	58 50 00	58 52 30	58 55 00	58 57 30	59 00 00
0 00 00	1765 551.04	1780 777.31	1796 003.68	1811 230.16	1826 456.74
0 02 30	1765 553.49	1780 779.76	1796 006.14	1811 232.61	1826 459.18
0 05 00	1765 560.86	1780 787.12	1796 013.49	1811 239.96	1826 466.53
0 07 30	1765 573.14	1780 799.40	1796 025.76	1811 252.21	1826 478.77
0 10 00	1765 590.33	1780 816.58	1796 042.92	1811 269.37	1826 495.92
0 12 30	1765 612.44	1780 838.67	1796 065.00	1811 291.42	1826 517.95
0 15 00	1765 639.46	1780 865.66	1796 091.97	1811 318.38	1826 544.89
0 17 30	1765 671.39	1780 897.57	1796 123.86	1811 350.24	1826 576.72
0 20 00	1765 708.23	1780 934.38	1796 160.64	1811 386.99	1826 613.45
0 22 30	1765 749.99	1780 976.11	1796 202.33	1811 428.65	1826 655.08
0 25 00	1765 796.65	1781 022.74	1796 248.93	1811 475.22	1826 701.60
0 27 30	1765 848.23	1781 074.28	1796 300.43	1811 526.68	1826 753.03
0 30 00	1765 904.73	1781 130.73	1796 356.83	1811 583.04	1826 809.34
0 32 30	1765 966.13	1781 192.09	1796 418.15	1811 644.31	1826 870.57
0 35 00	1766 032.45	1781 258.35	1796 484.36	1811 710.47	1826 936.68
0 37 30	1766 103.68	1781 329.53	1796 555.48	1811 781.54	1827 007.69
0 40 00	1766 179.82	1781 405.61	1796 631.51	1811 857.50	1827 083.60
0 42 30	1766 260.88	1781 486.61	1796 712.44	1811 938.37	1827 164.41
0 45 00	1766 346.84	1781 572.51	1796 798.28	1812 024.14	1827 250.11
0 47 30	1766 437.72	1781 663.32	1796 889.02	1812 114.82	1827 340.72
0 50 00	1766 533.51	1781 759.04	1796 984.67	1812 210.39	1827 436.21
0 52 30	1766 634.22	1781 859.67	1797 085.22	1812 310.87	1827 536.61
0 55 00	1766 739.84	1781 965.21	1797 190.68	1812 416.24	1827 641.91
0 57 30	1766 850.37	1782 075.65	1797 301.04	1812 526.52	1827 752.10
1 00 00	1766 965.82	1782 191.01	1797 416.31	1812 641.70	1827 867.19
1 02 30	1767 086.17	1782 311.27	1797 536.48	1812 761.78	1827 987.18
1 05 00	1767 211.44	1782 436.45	1797 661.56	1812 886.76	1828 112.06
1 07 30	1767 341.62	1782 566.53	1797 791.54	1813 016.64	1828 241.85
1 10 00	1767 476.72	1782 701.52	1797 926.43	1813 151.43	1828 376.53
1 12 30	1767 616.72	1782 841.42	1798 066.22	1813 291.12	1828 516.11
1 15 00	1767 761.64	1782 986.23	1798 210.92	1813 435.71	1828 660.59
1 17 30	1767 911.48	1783 135.96	1798 360.53	1813 585.20	1828 809.96
1 20 00	1768 066.23	1783 290.58	1798 515.04	1813 739.59	1828 964.24
1 22 30	1768 225.89	1783 450.12	1798 674.46	1813 898.89	1829 123.41
1 25 00	1768 390.46	1783 614.57	1798 838.78	1814 063.08	1829 287.48
1 27 30	1768 559.95	1783 783.93	1799 008.01	1814 232.18	1829 456.45
1 30 00	1768 734.35	1783 958.20	1799 182.14	1814 406.18	1829 630.31
1 32 30	1768 913.66	1784 137.38	1799 361.18	1814 585.08	1829 809.08
1 35 00	1769 097.89	1784 321.46	1799 545.13	1814 768.89	1829 992.74
1 37 30	1769 287.03	1784 510.46	1799 733.98	1814 957.60	1830 181.30
1 40 00	1769 481.09	1784 704.36	1799 927.74	1815 151.21	1830 374.76
1 42 30	1769 680.05	1784 903.18	1800 126.40	1815 349.72	1830 573.12
1 45 00	1769 883.93	1785 106.91	1800 329.97	1815 553.13	1830 776.38
1 47 30	1770 092.73	1785 315.54	1800 538.45	1815 761.45	1830 984.54
1 50 00	1770 306.44	1785 529.09	1800 751.83	1815 974.67	1831 197.59
1 52 30	1770 525.06	1785 747.54	1800 970.12	1816 192.79	1831 415.54
1 55 00	1770 748.60	1785 970.91	1801 193.32	1816 415.81	1831 638.40
1 57 30	1770 977.05	1786 199.19	1801 421.42	1816 643.74	1831 866.15
2 00 00	1771 210.41	1786 432.38	1801 654.43	1816 876.57	1832 098.80
2 02 30	1771 448.69	1786 670.48	1801 892.34	1817 114.30	1832 336.35
2 05 00	1771 691.89	1786 913.48	1802 135.17	1817 356.94	1832 578.80
2 07 30	1771 939.99	1787 161.40	1802 382.90	1817 604.48	1832 826.15
2 10 00	1772 193.01	1787 414.23	1802 635.53	1817 856.92	1833 078.39
2 12 30	1772 450.95	1787 671.97	1802 893.07	1818 114.26	1833 335.54
2 15 00	1772 713.80	1787 934.62	1803 155.52	1818 376.51	1833 597.59
2 17 30	1772 981.57	1788 202.18	1803 422.88	1818 643.67	1833 864.53
2 20 00	1773 254.25	1788 474.65	1803 695.15	1818 915.72	1834 136.38
2 22 30	1773 531.85	1788 752.04	1803 972.32	1819 192.68	1834 413.12
2 25 00	1773 814.36	1789 034.34	1804 254.40	1819 474.54	1834 694.77
2 27 30	1774 101.78	1789 321.54	1804 541.38	1819 761.31	1834 981.31
2 30 00	1774 394.12	1789 613.66	1804 833.28	1820 052.98	1835 272.76
2 32 30	1774 691.38	1789 910.69	1805 130.08	1820 349.55	1835 569.10
2 35 00	1774 993.55	1790 212.63	1805 431.79	1820 651.03	1835 870.35
2 37 30	1775 300.64	1790 519.48	1805 738.40	1820 957.41	1836 176.49
2 40 00	1775 612.64	1790 831.24	1806 049.93	1821 268.70	1836 487.54
2 42 30	1775 929.55	1791 147.92	1806 366.36	1821 584.89	1836 803.49
2 45 00	1776 251.39	1791 469.51	1806 687.71	1821 905.98	1837 124.33
2 47 30	1776 578.14	1791 796.01	1807 013.95	1822 231.98	1837 450.08
2 50 00	1776 909.80	1792 127.42	1807 345.11	1822 562.88	1837 780.73
2 52 30	1777 246.38	1792 463.74	1807 681.18	1822 898.69	1838 116.28
2 55 00	1777 587.88	1792 804.98	1808 022.16	1823 239.41	1838 456.73
2 57 30	1777 934.29	1793 151.13	1808 368.04	1823 585.03	1838 802.08
3 00 00	1778 285.62	1793 502.19	1808 718.83	1823 935.54	1839 152.33

Second-difference correction to y for indicated value of k (for all Δλ's)

k	0" 150"	5" 145"	10" 140"	15" 135"	20" 130"	25" 125"	30" 120"	35" 115"	40" 110"	45" 105"	50" 100"	55" 95"	60" 90"	65" 85"	70" 80"	75" 75"
Correction	-.01	-.09	-.16	-.23	-.29	-.35	-.40	-.45	-.49	-.52	-.55	-.58	-.60	-.61	-.62	-.62

Correction for h is negligible

ALASKA – ZONES 2 TO 9
STATE PLANE COORDINATES IN FEET – X'

Δλ \ φ	59 00 00	59 02 30	59 05 00	59 07 30	59 10 00
0 00 00	0.00	0.00	0.00	0.00	0.00
0 02 30	7 856.47	7 846.98	7 837.48	7 827.98	7 818.47
0 05 00	15 712.93	15 693.94	15 674.95	15 655.95	15 636.93
0 07 30	23 569.40	23 540.91	23 512.42	23 483.92	23 455.40
0 10 00	31 425.85	31 387.88	31 349.89	31 311.88	31 273.85
0 12 30	39 282.30	39 234.84	39 187.35	39 139.84	39 092.30
0 15 00	47 138.74	47 081.78	47 024.79	46 967.78	46 910.74
0 17 30	54 995.17	54 928.71	54 862.23	54 795.71	54 729.17
0 20 00	62 851.58	62 775.63	62 699.65	62 623.63	62 547.58
0 22 30	70 707.98	70 622.54	70 537.06	70 451.54	70 365.98
0 25 00	78 564.36	78 469.42	78 374.45	78 279.42	78 184.36
0 27 30	86 420.72	86 316.29	86 211.81	86 107.29	86 002.72
0 30 00	94 277.06	94 163.14	94 049.16	93 935.13	93 821.06
0 32 30	102 133.38	102 009.96	101 886.49	101 762.96	101 639.37
0 35 00	109 989.67	109 856.76	109 723.79	109 590.75	109 457.66
0 37 30	117 845.93	117 703.52	117 561.05	117 418.52	117 275.93
0 40 00	125 702.17	125 550.26	125 398.30	125 246.27	125 094.16
0 42 30	133 558.37	133 396.97	133 235.51	133 073.97	132 912.37
0 45 00	141 414.54	141 243.65	141 072.69	140 901.65	140 730.53
0 47 30	149 270.67	149 090.29	148 909.83	148 729.29	148 548.67
0 50 00	157 126.77	156 936.89	156 746.93	156 556.89	156 366.76
0 52 30	164 982.83	164 783.46	164 584.00	164 384.45	164 184.82
0 55 00	172 838.85	172 629.98	172 421.03	172 211.98	172 002.84
0 57 30	180 694.83	180 476.46	180 258.01	180 039.45	179 820.81
1 00 00	188 550.75	188 322.90	188 094.94	187 866.89	187 638.73
1 02 30	196 406.63	196 169.29	195 931.84	195 694.27	195 456.61
1 05 00	204 262.47	204 015.63	203 768.68	203 521.61	203 274.45
1 07 30	212 118.26	211 861.92	211 605.47	211 348.90	211 092.23
1 10 00	219 973.99	219 708.16	219 442.20	219 176.14	218 909.95
1 12 30	227 829.67	227 554.33	227 278.89	227 003.32	226 727.62
1 15 00	235 685.28	235 400.46	235 115.51	234 830.44	234 545.24
1 17 30	243 540.84	243 246.53	242 952.08	242 657.51	242 362.80
1 20 00	251 396.35	251 092.54	250 788.59	250 484.51	250 180.29
1 22 30	259 251.78	258 938.47	258 625.03	258 311.45	257 997.72
1 25 00	267 107.16	266 784.35	266 461.41	266 138.32	265 815.09
1 27 30	274 962.47	274 630.17	274 297.73	273 965.13	273 632.39
1 30 00	282 817.71	282 475.91	282 133.97	281 791.87	281 449.63
1 32 30	290 672.88	290 321.59	289 970.15	289 618.54	289 266.79
1 35 00	298 527.98	298 167.19	297 806.25	297 445.14	297 083.88
1 37 30	306 383.00	306 012.72	305 642.28	305 271.67	304 900.89
1 40 00	314 237.95	313 858.17	313 478.23	313 098.11	312 717.83
1 42 30	322 092.82	321 703.54	321 314.10	320 924.48	320 534.69
1 45 00	329 947.61	329 548.84	329 149.89	328 750.77	328 351.47
1 47 30	337 802.32	337 394.05	336 985.61	336 576.98	336 168.17
1 50 00	345 656.94	345 239.18	344 821.23	344 403.10	343 984.78
1 52 30	353 511.48	353 084.22	352 656.77	352 229.13	351 801.31
1 55 00	361 365.93	360 929.17	360 492.22	360 055.08	359 617.75
1 57 30	369 220.29	368 774.04	368 327.59	367 880.94	367 434.09
2 00 00	377 074.56	376 618.81	376 162.86	375 706.71	375 250.35
2 02 30	384 928.73	384 463.49	383 998.03	383 532.38	383 066.51
2 05 00	392 782.81	392 308.06	391 833.11	391 357.95	390 882.58
2 07 30	400 636.79	400 152.55	399 668.10	399 183.43	398 698.55
2 10 00	408 490.67	407 996.94	407 502.98	407 008.81	406 514.41
2 12 30	416 344.46	415 841.22	415 337.77	414 834.08	414 330.18
2 15 00	424 198.13	423 685.40	423 172.44	422 659.25	422 145.84
2 17 30	432 051.71	431 529.47	431 007.01	430 484.32	429 961.40
2 20 00	439 905.17	439 373.44	438 841.48	438 309.28	437 776.84
2 22 30	447 758.53	447 217.30	446 675.83	446 134.12	445 592.18
2 25 00	455 611.77	455 061.04	454 510.07	453 958.86	453 407.40
2 27 30	463 464.90	462 904.68	462 344.20	461 783.49	461 222.52
2 30 00	471 317.92	470 748.20	470 178.22	469 607.99	469 037.51
2 32 30	479 170.82	478 591.60	478 012.11	477 432.38	476 852.39
2 35 00	487 023.60	486 434.88	485 845.89	485 256.65	484 667.15
2 37 30	494 876.25	494 278.03	493 679.54	493 080.80	492 481.78
2 40 00	502 728.79	502 121.07	501 513.08	500 904.82	500 296.29
2 42 30	510 581.20	509 963.98	509 346.49	508 728.72	508 110.68
2 45 00	518 433.49	517 806.77	517 179.77	516 552.49	515 924.94
2 47 30	526 285.64	525 649.42	525 012.91	524 376.13	523 739.07
2 50 00	534 137.67	533 491.94	532 845.94	532 199.64	531 553.07
2 52 30	541 989.56	541 334.33	540 678.82	540 023.02	539 366.93
2 55 00	549 841.31	549 176.59	548 511.57	547 846.26	547 180.66
2 57 30	557 692.93	557 018.71	556 344.19	555 669.37	554 994.25
3 00 00	565 544.42	564 860.69	564 176.66	563 492.33	562 807.70

Second-difference correction to x' for indicated values of h and Δλ

Δλ \ h	0" 150"	15" 135"	30" 120"	45" 105"	60" 90"	75" 75"
0°	0	0	0	0	0	0
1°	0	+.01	+.01	+.02	+.02	+.02
2°	+.01	+.02	+.02	+.03	+.03	+.03
3°	+.01	+.03	+.04	+.04	+.05	+.05

Correction for k is negligible

ALASKA – ZONES 2 TO 9
STATE PLANE COORDINATES IN FEET – Y

Δλ \ φ	59 00 00	59 02 30	59 05 00	59 07 30	59 10 00
0 00 00	1826 456.74	1841 683.41	1856 910.19	1872 137.06	1887 364.03
0 02 30	1826 459.18	1841 685.86	1856 912.63	1872 139.50	1887 366.47
0 05 00	1826 466.53	1841 693.20	1856 919.97	1872 146.83	1887 373.80
0 07 30	1826 478.77	1841 705.43	1856 932.19	1872 159.05	1887 386.00
0 10 00	1826 495.92	1841 722.56	1856 949.31	1872 176.15	1887 403.09
0 12 30	1826 517.95	1841 744.58	1856 971.31	1872 198.14	1887 425.06
0 15 00	1826 544.89	1841 771.50	1856 998.21	1872 225.01	1887 451.91
0 17 30	1826 576.72	1841 803.30	1857 029.99	1872 256.76	1887 483.65
0 20 00	1826 613.45	1841 840.01	1857 066.66	1872 293.41	1887 520.26
0 22 30	1826 655.08	1841 881.60	1857 108.22	1872 334.94	1887 561.76
0 25 00	1826 701.60	1841 928.09	1857 154.68	1872 381.36	1887 608.14
0 27 30	1826 753.03	1841 979.47	1857 206.02	1872 432.66	1887 659.40
0 30 00	1826 809.34	1842 035.75	1857 262.25	1872 488.85	1887 715.55
0 32 30	1826 870.57	1842 096.92	1857 323.38	1872 549.93	1887 776.58
0 35 00	1826 936.68	1842 162.98	1857 389.39	1872 615.89	1887 842.49
0 37 30	1827 007.69	1842 233.94	1857 460.29	1872 686.73	1887 913.28
0 40 00	1827 083.60	1842 309.79	1857 536.08	1872 762.46	1887 988.95
0 42 30	1827 164.41	1842 390.54	1857 616.77	1872 843.08	1888 069.51
0 45 00	1827 250.11	1842 476.17	1857 702.34	1872 928.59	1888 154.95
0 47 30	1827 340.72	1842 566.71	1857 792.80	1873 018.98	1888 245.27
0 50 00	1827 436.21	1842 662.13	1857 888.15	1873 114.26	1888 340.47
0 52 30	1827 536.61	1842 762.45	1857 988.39	1873 214.43	1888 440.56
0 55 00	1827 641.91	1842 867.67	1858 093.53	1873 319.47	1888 545.52
0 57 30	1827 752.10	1842 977.77	1858 203.55	1873 429.41	1888 655.38
1 00 00	1827 867.19	1843 092.77	1858 318.46	1873 544.23	1888 770.11
1 02 30	1827 987.18	1843 212.67	1858 438.26	1873 663.94	1888 889.73
1 05 00	1828 112.06	1843 337.46	1858 562.96	1873 788.54	1889 014.23
1 07 30	1828 241.85	1843 467.14	1858 692.54	1873 918.02	1889 143.61
1 10 00	1828 376.53	1843 601.72	1858 827.01	1874 052.39	1889 277.87
1 12 30	1828 516.11	1843 741.19	1858 966.38	1874 191.65	1889 417.01
1 15 00	1828 660.59	1843 885.56	1859 110.63	1874 335.79	1889 561.04
1 17 30	1828 809.96	1844 034.82	1859 259.78	1874 484.82	1889 709.96
1 20 00	1828 964.24	1844 188.97	1859 413.81	1874 638.73	1889 863.75
1 22 30	1829 123.41	1844 348.02	1859 572.74	1874 797.54	1890 022.43
1 25 00	1829 287.48	1844 511.97	1859 736.55	1874 961.22	1890 185.99
1 27 30	1829 456.45	1844 680.81	1859 905.26	1875 129.80	1890 354.44
1 30 00	1829 630.31	1844 854.54	1860 078.86	1875 303.26	1890 527.76
1 32 30	1829 809.08	1845 033.16	1860 257.34	1875 481.61	1890 705.98
1 35 00	1829 992.74	1845 216.69	1860 440.72	1875 664.85	1890 889.07
1 37 30	1830 181.30	1845 405.10	1860 629.00	1875 852.97	1891 077.04
1 40 00	1830 374.76	1845 598.41	1860 822.16	1876 045.98	1891 269.90
1 42 30	1830 573.12	1845 796.62	1861 020.21	1876 243.88	1891 467.65
1 45 00	1830 776.38	1845 999.72	1861 223.15	1876 446.66	1891 670.27
1 47 30	1830 984.54	1846 207.71	1861 430.98	1876 654.34	1891 877.78
1 50 00	1831 197.59	1846 420.60	1861 643.71	1876 866.90	1892 090.18
1 52 30	1831 415.54	1846 638.39	1861 861.33	1877 084.34	1892 307.45
1 55 00	1831 638.40	1846 861.07	1862 083.83	1877 306.68	1892 529.61
1 57 30	1831 866.15	1847 088.64	1862 311.23	1877 533.90	1892 756.66
2 00 00	1832 098.80	1847 321.11	1862 543.52	1877 766.01	1892 988.59
2 02 30	1832 336.35	1847 558.48	1862 780.70	1878 003.01	1893 225.40
2 05 00	1832 578.80	1847 800.75	1863 022.78	1878 244.89	1893 467.10
2 07 30	1832 826.15	1848 047.90	1863 269.74	1878 491.67	1893 713.68
2 10 00	1833 078.39	1848 299.95	1863 521.60	1878 743.33	1893 965.14
2 12 30	1833 335.54	1848 556.90	1863 778.35	1878 999.87	1894 221.49
2 15 00	1833 597.59	1848 818.74	1864 039.99	1879 261.31	1894 482.72
2 17 30	1833 864.53	1849 085.48	1864 306.52	1879 527.64	1894 748.84
2 20 00	1834 136.38	1849 357.12	1864 577.94	1879 798.85	1895 019.84
2 22 30	1834 413.12	1849 633.65	1864 854.26	1880 074.95	1895 295.72
2 25 00	1834 694.77	1849 915.08	1865 135.47	1880 355.94	1895 576.49
2 27 30	1834 981.31	1850 201.40	1865 421.57	1880 641.82	1895 862.15
2 30 00	1835 272.76	1850 492.62	1865 712.57	1880 932.59	1896 152.69
2 32 30	1835 569.10	1850 788.74	1866 008.45	1881 228.25	1896 448.12
2 35 00	1835 870.35	1851 089.75	1866 309.23	1881 528.79	1896 748.42
2 37 30	1836 176.49	1851 395.66	1866 614.91	1881 834.22	1897 053.62
2 40 00	1836 487.54	1851 706.46	1866 925.47	1882 144.54	1897 363.70
2 42 30	1836 803.49	1852 022.17	1867 240.92	1882 459.75	1897 678.67
2 45 00	1837 124.33	1852 342.76	1867 561.27	1882 779.85	1897 998.51
2 47 30	1837 450.08	1852 668.26	1867 886.52	1883 104.85	1898 323.25
2 50 00	1837 780.73	1852 998.66	1868 216.65	1883 434.72	1898 652.87
2 52 30	1838 116.28	1853 333.94	1868 551.68	1883 769.49	1898 987.38
2 55 00	1838 456.73	1853 674.13	1868 891.61	1884 109.15	1899 326.77
2 57 30	1838 802.08	1854 019.21	1869 236.42	1884 453.70	1899 671.05
3 00 00	1839 152.33	1854 369.19	1869 586.13	1884 803.13	1900 020.21

Second-difference correction to y for indicated value of k (for all Δλ's)

k	0" 150"	5" 145"	10" 140"	15" 135"	20" 130"	25" 125"	30" 120"	35" 115"	40" 110"	45" 105"	50" 100"	55" 95"	60" 90"	65" 85"	70" 80"	75" 75"
Correction	-.01	-.09	-.16	-.23	-.29	-.35	-.40	-.45	-.49	-.52	-.55	-.58	-.60	-.61	-.62	-.62

Correction for h is negligible

ALASKA – ZONES 2 TO 9
STATE PLANE COORDINATES IN FEET – X'

Δλ \ φ	59 10 00	59 12 30	59 15 00	59 17 30	59 20 00
0 00 00	0.00	0.00	0.00	0.00	0.00
0 02 30	7 818.47	7 808.96	7 799.44	7 789.93	7 780.40
0 05 00	15 636.93	15 617.91	15 598.88	15 579.85	15 560.80
0 07 30	23 455.40	23 426.87	23 398.32	23 369.77	23 341.20
0 10 00	31 273.85	31 235.81	31 197.76	31 159.68	31 121.59
0 12 30	39 092.30	39 044.75	38 997.18	38 949.58	38 901.97
0 15 00	46 910.74	46 853.68	46 796.59	46 739.48	46 682.34
0 17 30	54 729.17	54 662.60	54 595.99	54 529.36	54 462.70
0 20 00	62 547.58	62 471.50	62 395.38	62 319.23	62 243.05
0 22 30	70 365.98	70 280.38	70 194.75	70 109.09	70 023.38
0 25 00	78 184.36	78 089.26	77 994.11	77 898.92	77 803.69
0 27 30	86 002.72	85 898.11	85 793.44	85 688.74	85 583.99
0 30 00	93 821.06	93 706.94	93 592.76	93 478.53	93 364.26
0 32 30	101 639.37	101 515.74	101 392.05	101 268.30	101 144.51
0 35 00	109 457.66	109 324.52	109 191.31	109 058.05	108 924.73
0 37 30	117 275.93	117 133.27	116 990.55	116 847.76	116 704.92
0 40 00	125 094.16	124 941.99	124 789.76	124 637.45	124 485.09
0 42 30	132 912.37	132 750.69	132 588.93	132 427.11	132 265.22
0 45 00	140 730.53	140 559.34	140 388.08	140 216.74	140 045.32
0 47 30	148 548.67	148 367.96	148 187.18	148 006.32	147 825.39
0 50 00	156 366.76	156 176.55	155 986.25	155 795.88	155 605.41
0 52 30	164 184.82	163 985.10	163 785.28	163 585.39	163 385.40
0 55 00	172 002.84	171 793.60	171 584.27	171 374.86	171 165.34
0 57 30	179 820.81	179 602.06	179 383.22	179 164.28	178 945.25
1 00 00	187 638.73	187 410.47	187 182.12	186 953.66	186 725.11
1 02 30	195 456.61	195 218.85	194 980.97	194 743.00	194 504.92
1 05 00	203 274.45	203 027.17	202 779.77	202 532.28	202 284.68
1 07 30	211 092.23	210 835.43	210 578.53	210 321.52	210 064.39
1 10 00	218 909.95	218 643.65	218 377.23	218 110.70	217 844.04
1 12 30	226 727.62	226 451.81	226 175.88	225 899.82	225 623.64
1 15 00	234 545.24	234 259.92	233 974.46	233 688.89	233 403.19
1 17 30	242 362.80	242 067.96	241 772.99	241 477.90	241 182.67
1 20 00	250 180.29	249 875.94	249 571.46	249 266.85	248 962.09
1 22 30	257 997.72	257 683.86	257 369.87	257 055.73	256 741.45
1 25 00	265 815.09	265 491.72	265 168.20	264 844.55	264 520.75
1 27 30	273 632.39	273 299.51	272 966.48	272 633.30	272 299.98
1 30 00	281 449.63	281 107.23	280 764.68	280 421.99	280 079.13
1 32 30	289 266.79	288 914.88	288 562.82	288 210.60	287 858.23
1 35 00	297 083.88	296 722.46	296 360.88	295 999.14	295 637.24
1 37 30	304 900.89	304 529.96	304 158.86	303 787.60	303 416.18
1 40 00	312 717.83	312 337.39	311 956.77	311 575.99	311 195.05
1 42 30	320 534.69	320 144.73	319 754.60	319 364.30	318 973.83
1 45 00	328 351.47	327 952.00	327 552.35	327 152.53	326 752.53
1 47 30	336 168.17	335 759.18	335 350.02	334 940.68	334 531.15
1 50 00	343 984.78	343 566.29	343 147.60	342 728.74	342 309.69
1 52 30	351 801.31	351 373.30	350 945.10	350 516.71	350 088.13
1 55 00	359 617.75	359 180.22	358 742.51	358 304.60	357 866.49
1 57 30	367 434.09	366 987.06	366 539.82	366 092.39	365 644.76
2 00 00	375 250.35	374 793.80	374 337.05	373 880.09	373 422.94
2 02 30	383 066.51	382 600.45	382 134.18	381 667.70	381 201.02
2 05 00	390 882.58	390 407.00	389 931.21	389 455.22	388 979.01
2 07 30	398 698.55	398 213.46	397 728.14	397 242.63	396 756.89
2 10 00	406 514.41	406 019.80	405 524.98	405 029.94	404 534.68
2 12 30	414 330.18	413 826.06	413 321.71	412 817.15	412 312.36
2 15 00	422 145.84	421 632.20	421 118.34	420 604.25	420 089.94
2 17 30	429 961.40	429 438.25	428 914.86	428 391.25	427 867.41
2 20 00	437 776.84	437 244.17	436 711.28	436 178.14	435 644.77
2 22 30	445 592.18	445 050.00	444 507.58	443 964.92	443 422.02
2 25 00	453 407.40	452 855.71	452 303.77	451 751.59	451 199.16
2 27 30	461 222.52	460 661.31	460 099.84	459 538.14	458 976.19
2 30 00	469 037.51	468 466.79	467 895.81	467 324.58	466 753.10
2 32 30	476 852.39	476 272.14	475 691.65	475 110.90	474 529.89
2 35 00	484 667.15	484 077.39	483 487.37	482 897.09	482 306.56
2 37 30	492 481.78	491 882.51	491 282.97	490 683.17	490 083.10
2 40 00	500 296.29	499 687.50	499 078.44	498 469.12	497 859.53
2 42 30	508 110.68	507 492.37	506 873.80	506 254.94	505 635.82
2 45 00	515 924.94	515 297.12	514 669.02	514 040.64	513 411.99
2 47 30	523 739.07	523 101.73	522 464.11	521 826.21	521 188.03
2 50 00	531 553.07	530 906.21	530 259.07	529 611.64	528 963.93
2 52 30	539 366.93	538 710.55	538 053.89	537 396.94	536 739.70
2 55 00	547 180.66	546 514.77	545 848.58	545 182.11	544 515.33
2 57 30	554 994.25	554 318.84	553 643.13	552 967.13	552 290.83
3 00 00	562 807.70	562 122.77	561 437.55	560 752.01	560 066.18

Second-difference correction to x' for indicated values of h and Δλ

Δλ \ h	0" 150"	15" 135"	30" 120"	45" 105"	60" 90"	75" 75"
0°	0	0	0	0	0	0
1°	0	+.01	+.01	+.02	+.02	+.02
2°	+.01	+.02	+.02	+.03	+.03	+.03
3°	+.01	+.03	+.04	+.04	+.05	+.05

Correction for k is negligible

ALASKA – ZONES 2 TO 9
STATE PLANE COORDINATES IN FEET – Y

Δλ \ φ	59 10 00	59 12 30	59 15 00	59 17 30	59 20 00
0 00 00	1887 364.03	1902 591.11	1917 818.28	1933 045.56	1948 272.92
0 02 30	1887 366.47	1902 593.55	1917 820.72	1933 047.99	1948 275.36
0 05 00	1887 373.80	1902 600.87	1917 828.03	1933 055.30	1948 282.66
0 07 30	1887 386.00	1902 613.06	1917 840.22	1933 067.48	1948 294.82
0 10 00	1887 403.09	1902 630.13	1917 857.28	1933 084.52	1948 311.86
0 12 30	1887 425.06	1902 652.09	1917 879.22	1933 106.44	1948 333.76
0 15 00	1887 451.91	1902 678.92	1917 906.02	1933 133.23	1948 360.53
0 17 30	1887 483.65	1902 710.63	1917 937.71	1933 164.89	1948 392.16
0 20 00	1887 520.26	1902 747.21	1917 974.27	1933 201.42	1948 428.66
0 22 30	1887 561.76	1902 788.68	1918 015.70	1933 242.82	1948 470.03
0 25 00	1887 608.14	1902 835.03	1918 062.01	1933 289.09	1948 516.26
0 27 30	1887 659.40	1902 886.25	1918 113.19	1933 340.23	1948 567.37
0 30 00	1887 715.55	1902 942.35	1918 169.25	1933 396.24	1948 623.33
0 32 30	1887 776.58	1903 003.33	1918 230.18	1933 457.13	1948 684.17
0 35 00	1887 842.49	1903 069.19	1918 295.99	1933 522.88	1948 749.87
0 37 30	1887 913.28	1903 139.92	1918 366.67	1933 593.50	1948 820.44
0 40 00	1887 988.95	1903 215.54	1918 442.22	1933 669.00	1948 895.88
0 42 30	1888 069.51	1903 296.03	1918 522.65	1933 749.37	1948 976.18
0 45 00	1888 154.95	1903 381.40	1918 607.96	1933 834.61	1949 061.35
0 47 30	1888 245.27	1903 471.65	1918 698.13	1933 924.71	1949 151.38
0 50 00	1888 340.47	1903 566.78	1918 793.19	1934 019.69	1949 246.29
0 52 30	1888 440.56	1903 666.79	1918 893.12	1934 119.54	1949 346.06
0 55 00	1888 545.52	1903 771.67	1918 997.92	1934 224.26	1949 450.70
0 57 30	1888 655.38	1903 881.44	1919 107.60	1934 333.86	1949 560.21
1 00 00	1888 770.11	1903 996.08	1919 222.15	1934 448.32	1949 674.58
1 02 30	1888 889.73	1904 115.60	1919 341.58	1934 567.65	1949 793.82
1 05 00	1889 014.23	1904 240.01	1919 465.89	1934 691.86	1949 917.92
1 07 30	1889 143.61	1904 369.29	1919 595.06	1934 820.94	1950 046.90
1 10 00	1889 277.87	1904 503.45	1919 729.12	1934 954.88	1950 180.74
1 12 30	1889 417.01	1904 642.48	1919 868.05	1935 093.70	1950 319.45
1 15 00	1889 561.04	1904 786.40	1920 011.85	1935 237.39	1950 463.02
1 17 30	1889 709.96	1904 935.20	1920 160.53	1935 385.95	1950 611.47
1 20 00	1889 863.75	1905 088.87	1920 314.08	1935 539.39	1950 764.78
1 22 30	1890 022.43	1905 247.42	1920 472.51	1935 697.69	1950 922.96
1 25 00	1890 185.99	1905 410.86	1920 635.81	1935 860.87	1951 086.01
1 27 30	1890 354.44	1905 579.17	1920 804.00	1936 028.91	1951 253.92
1 30 00	1890 527.76	1905 752.36	1920 977.05	1936 201.83	1951 426.70
1 32 30	1890 705.98	1905 930.43	1921 154.98	1936 379.62	1951 604.35
1 35 00	1890 889.07	1906 113.38	1921 337.79	1936 562.28	1951 786.87
1 37 30	1891 077.04	1906 301.21	1921 525.47	1936 749.82	1951 974.25
1 40 00	1891 269.90	1906 493.92	1921 718.03	1936 942.22	1952 166.50
1 42 30	1891 467.65	1906 691.50	1921 915.46	1937 139.50	1952 363.62
1 45 00	1891 670.27	1906 893.97	1922 117.77	1937 341.65	1952 565.61
1 47 30	1891 877.78	1907 101.32	1922 324.95	1937 548.67	1952 772.47
1 50 00	1892 090.18	1907 313.55	1922 537.01	1937 760.56	1952 984.19
1 52 30	1892 307.45	1907 530.65	1922 753.95	1937 977.32	1953 200.79
1 55 00	1892 529.61	1907 752.64	1922 975.76	1938 198.96	1953 422.25
1 57 30	1892 756.66	1907 979.51	1923 202.45	1938 425.47	1953 648.58
2 00 00	1892 988.59	1908 211.26	1923 434.01	1938 656.85	1953 879.78
2 02 30	1893 225.40	1908 447.88	1923 670.45	1938 893.11	1954 115.85
2 05 00	1893 467.10	1908 689.39	1923 911.77	1939 134.23	1954 356.78
2 07 30	1893 713.68	1908 935.78	1924 157.96	1939 380.23	1954 602.58
2 10 00	1893 965.14	1909 187.04	1924 409.03	1939 631.10	1954 853.26
2 12 30	1894 221.49	1909 443.19	1924 664.98	1939 886.85	1955 108.80
2 15 00	1894 482.72	1909 704.22	1924 925.80	1940 147.46	1955 369.21
2 17 30	1894 748.84	1909 970.13	1925 191.50	1940 412.95	1955 634.48
2 20 00	1895 019.84	1910 240.92	1925 462.07	1940 683.31	1955 904.63
2 22 30	1895 295.72	1910 516.58	1925 737.53	1940 958.55	1956 179.65
2 25 00	1895 576.49	1910 797.14	1926 017.86	1941 238.66	1956 459.54
2 27 30	1895 862.15	1911 082.57	1926 303.06	1941 523.64	1956 744.29
2 30 00	1896 152.69	1911 372.88	1926 593.15	1941 813.49	1957 033.91
2 32 30	1896 448.12	1911 668.07	1926 888.10	1942 108.22	1957 328.41
2 35 00	1896 748.42	1911 968.14	1927 187.94	1942 407.82	1957 627.77
2 37 30	1897 053.62	1912 273.10	1927 492.66	1942 712.30	1957 932.01
2 40 00	1897 363.70	1912 582.94	1927 802.25	1943 021.65	1958 241.11
2 42 30	1897 678.67	1912 897.65	1928 116.72	1943 335.87	1958 555.08
2 45 00	1897 998.51	1913 217.25	1928 436.07	1943 654.96	1958 873.93
2 47 30	1898 323.25	1913 541.73	1928 760.29	1943 978.93	1959 197.64
2 50 00	1898 652.87	1913 871.10	1929 089.40	1944 307.77	1959 526.22
2 52 30	1898 987.38	1914 205.34	1929 423.38	1944 641.49	1959 859.67
2 55 00	1899 326.77	1914 544.46	1929 762.24	1944 980.08	1960 198.00
2 57 30	1899 671.05	1914 888.47	1930 105.98	1945 323.55	1960 541.19
3 00 00	1900 020.21	1915 237.36	1930 454.58	1945 671.89	1960 889.25

Second-difference correction to y for indicated value of k (for all Δλ's)

k	0" 150"	5" 145"	10" 140"	15" 135"	20" 130"	25" 125"	30" 120"	35" 115"	40" 110"	45" 105"	50" 100"	55" 95"	60" 90"	65" 85"	70" 80"	75" 75"
Correction	-.01	-.09	-.16	-.23	-.29	-.35	-.40	-.45	-.49	-.52	-.55	-.58	-.60	-.61	-.62	-.62

Correction for h is negligible

ALASKA – ZONES 2 TO 9
STATE PLANE COORDINATES IN FEET – X'

Δλ \ φ	59 20 00	59 22 30	59 25 00	59 27 30	59 30 00
0 00 00	0.00	0.00	0.00	0.00	0.00
0 02 30	7 780.40	7 770.87	7 761.34	7 751.81	7 742.27
0 05 00	15 560.80	15 541.75	15 522.69	15 503.61	15 484.53
0 07 30	23 341.20	23 312.61	23 284.02	23 255.42	23 226.80
0 10 00	31 121.59	31 083.48	31 045.35	31 007.21	30 969.06
0 12 30	38 901.97	38 854.33	38 806.67	38 759.00	38 711.30
0 15 00	46 682.34	46 625.18	46 567.99	46 510.78	46 453.54
0 17 30	54 462.70	54 396.01	54 329.29	54 262.54	54 195.76
0 20 00	62 243.05	62 166.83	62 090.58	62 014.30	61 937.98
0 22 30	70 023.38	69 937.64	69 851.86	69 766.04	69 680.18
0 25 00	77 803.69	77 708.42	77 613.11	77 517.75	77 422.35
0 27 30	85 583.99	85 479.19	85 374.34	85 269.45	85 164.51
0 30 00	93 364.26	93 249.93	93 135.55	93 021.13	92 906.65
0 32 30	101 144.51	101 020.65	100 896.74	100 772.78	100 648.77
0 35 00	108 924.73	108 791.35	108 657.91	108 524.41	108 390.86
0 37 30	116 704.92	116 562.01	116 419.04	116 276.01	116 132.91
0 40 00	124 485.09	124 332.65	124 180.15	124 027.58	123 874.94
0 42 30	132 265.22	132 103.26	131 941.22	131 779.12	131 616.94
0 45 00	140 045.32	139 873.83	139 702.26	139 530.62	139 358.91
0 47 30	147 825.39	147 644.37	147 463.27	147 282.09	147 100.84
0 50 00	155 605.41	155 414.87	155 224.24	155 033.52	154 842.73
0 52 30	163 385.40	163 185.33	162 985.17	162 784.91	162 584.58
0 55 00	171 165.34	170 955.74	170 746.05	170 536.27	170 326.39
0 57 30	178 945.25	178 726.12	178 506.90	178 287.57	178 068.16
1 00 00	186 725.11	186 496.45	186 267.69	186 038.83	185 809.88
1 02 30	194 504.92	194 266.73	194 028.44	193 790.05	193 551.55
1 05 00	202 284.68	202 036.96	201 789.14	201 541.21	201 293.17
1 07 30	210 064.39	209 807.14	209 549.79	209 292.32	209 034.75
1 10 00	217 844.04	217 577.27	217 310.39	217 043.38	216 776.27
1 12 30	225 623.64	225 347.34	225 070.93	224 794.39	224 517.73
1 15 00	233 403.19	233 117.36	232 831.41	232 545.34	232 259.14
1 17 30	241 182.67	240 887.32	240 591.84	240 296.22	240 000.48
1 20 00	248 962.09	248 657.22	248 352.20	248 047.05	247 741.77
1 22 30	256 741.45	256 427.04	256 112.49	255 797.81	255 482.99
1 25 00	264 520.75	264 196.81	263 872.73	263 548.51	263 224.14
1 27 30	272 299.98	271 966.51	271 632.90	271 299.13	270 965.23
1 30 00	280 079.13	279 736.14	279 392.99	279 049.69	278 706.25
1 32 30	287 858.23	287 505.70	287 153.02	286 800.18	286 447.20
1 35 00	295 637.24	295 275.18	294 912.97	294 550.60	294 188.07
1 37 30	303 416.18	303 044.60	302 672.85	302 300.94	301 928.87
1 40 00	311 195.05	310 813.93	310 432.65	310 051.20	309 669.59
1 42 30	318 973.83	318 583.18	318 192.37	317 801.38	317 410.23
1 45 00	326 752.53	326 352.36	325 952.01	325 551.48	325 150.79
1 47 30	334 531.15	334 121.45	333 711.57	333 301.50	332 891.27
1 50 00	342 309.69	341 890.45	341 471.04	341 051.44	340 631.66
1 52 30	350 088.13	349 659.37	349 230.42	348 801.28	348 371.96
1 55 00	357 866.49	357 428.20	356 989.72	356 551.04	356 112.18
1 57 30	365 644.76	365 196.94	364 748.92	364 300.71	363 852.30
2 00 00	373 422.94	372 965.59	372 508.03	372 050.28	371 592.33
2 02 30	381 201.02	380 734.14	380 267.05	379 799.76	379 332.27
2 05 00	388 979.01	388 502.59	388 025.97	387 549.14	387 072.11
2 07 30	396 756.89	396 270.95	395 784.79	395 298.42	394 811.84
2 10 00	404 534.68	404 039.20	403 543.51	403 047.60	402 551.48
2 12 30	412 312.36	411 807.36	411 302.13	410 796.68	410 291.01
2 15 00	420 089.94	419 575.40	419 060.63	418 545.65	418 030.44
2 17 30	427 867.41	427 343.34	426 819.04	426 294.51	425 769.77
2 20 00	435 644.77	435 111.17	434 577.34	434 043.27	433 508.98
2 22 30	443 422.02	442 878.89	442 335.52	441 791.91	441 248.07
2 25 00	451 199.16	450 646.50	450 093.60	449 540.45	448 987.06
2 27 30	458 976.19	458 413.99	457 851.55	457 288.86	456 725.93
2 30 00	466 753.10	466 181.37	465 609.39	465 037.16	464 464.69
2 32 30	474 529.89	473 948.63	473 367.11	472 785.34	472 203.33
2 35 00	482 306.56	481 715.76	481 124.72	480 533.40	479 941.84
2 37 30	490 083.10	489 482.78	488 882.19	488 281.34	487 680.23
2 40 00	497 859.53	497 249.67	496 639.54	496 029.15	495 418.50
2 42 30	505 635.82	505 016.43	504 396.77	503 776.84	503 156.64
2 45 00	513 411.99	512 783.07	512 153.87	511 524.39	510 894.65
2 47 30	521 188.03	520 549.57	519 910.83	519 271.82	518 632.53
2 50 00	528 963.93	528 315.94	527 667.67	527 019.10	526 370.27
2 52 30	536 739.70	536 082.18	535 424.37	534 766.26	534 107.89
2 55 00	544 515.33	543 848.28	543 180.93	542 513.28	541 845.36
2 57 30	552 290.83	551 614.24	550 937.35	550 260.16	549 582.69
3 00 00	560 066.18	559 380.06	558 693.63	558 006.90	557 319.89

Second-difference correction to x' for indicated values of h and Δλ

Δλ \ h	0" 150"	15" 135"	30" 120"	45" 105"	60" 90"	75" 75"
0°	0	0	0	0	0	0
1°	0	+.01	+.01	+.02	+.02	+.02
2°	+.01	+.02	+.02	+.03	+.03	+.03
3°	+.01	+.03	+.04	+.04	+.05	+.05

Correction for k is negligible

ALASKA – ZONES 2 TO 9
STATE PLANE COORDINATES IN FEET – Y

Δλ \ φ	59 20 00	59 22 30	59 25 00	59 27 30	59 30 00
0 00 00	1948 272.92	1963 500.39	1978 727.96	1993 955.63	2009 183.40
0 02 30	1948 275.36	1963 502.82	1978 730.40	1993 958.06	2009 185.83
0 05 00	1948 282.66	1963 510.12	1978 737.68	1993 965.35	2009 193.10
0 07 30	1948 294.82	1963 522.28	1978 749.83	1993 977.48	2009 205.23
0 10 00	1948 311.86	1963 539.30	1978 766.84	1993 994.48	2009 222.21
0 12 30	1948 333.76	1963 561.18	1978 788.70	1994 016.32	2009 244.04
0 15 00	1948 360.53	1963 587.93	1978 815.43	1994 043.03	2009 270.73
0 17 30	1948 392.16	1963 619.53	1978 847.01	1994 074.58	2009 302.26
0 20 00	1948 428.66	1963 656.01	1978 883.45	1994 111.00	2009 338.64
0 22 30	1948 470.03	1963 697.34	1978 924.76	1994 152.27	2009 379.88
0 25 00	1948 516.26	1963 743.54	1978 970.92	1994 198.39	2009 425.96
0 27 30	1948 567.37	1963 794.60	1979 021.94	1994 249.37	2009 476.90
0 30 00	1948 623.33	1963 850.52	1979 077.82	1994 305.21	2009 532.69
0 32 30	1948 684.17	1963 911.31	1979 138.56	1994 365.90	2009 593.34
0 35 00	1948 749.87	1963 976.96	1979 204.15	1994 431.44	2009 658.83
0 37 30	1948 820.44	1964 047.48	1979 274.61	1994 501.84	2009 729.17
0 40 00	1948 895.88	1964 122.85	1979 349.93	1994 577.10	2009 804.37
0 42 30	1948 976.18	1964 203.09	1979 430.10	1994 657.21	2009 884.41
0 45 00	1949 061.35	1964 288.19	1979 515.14	1994 742.18	2009 969.31
0 47 30	1949 151.38	1964 378.16	1979 605.03	1994 832.00	2010 059.06
0 50 00	1949 246.29	1964 472.99	1979 699.78	1994 926.68	2010 153.67
0 52 30	1949 346.06	1964 572.68	1979 799.40	1995 026.21	2010 253.12
0 55 00	1949 450.70	1964 677.23	1979 903.86	1995 130.60	2010 357.42
0 57 30	1949 560.21	1964 786.65	1980 013.20	1995 239.84	2010 466.58
1 00 00	1949 674.58	1964 900.93	1980 127.39	1995 353.94	2010 580.58
1 02 30	1949 793.82	1965 020.08	1980 246.44	1995 472.90	2010 699.45
1 05 00	1949 917.92	1965 144.08	1980 370.35	1995 596.70	2010 823.16
1 07 30	1950 046.90	1965 272.96	1980 499.12	1995 725.37	2010 951.72
1 10 00	1950 180.74	1965 406.69	1980 632.74	1995 858.89	2011 085.13
1 12 30	1950 319.45	1965 545.29	1980 771.24	1995 997.27	2011 223.40
1 15 00	1950 463.02	1965 688.76	1980 914.58	1996 140.51	2011 366.52
1 17 30	1950 611.47	1965 837.08	1981 062.79	1996 288.59	2011 514.49
1 20 00	1950 764.78	1965 990.27	1981 215.86	1996 441.54	2011 667.31
1 22 30	1950 922.96	1966 148.32	1981 373.79	1996 599.34	2011 824.99
1 25 00	1951 086.01	1966 311.24	1981 536.57	1996 761.99	2011 987.51
1 27 30	1951 253.92	1966 479.02	1981 704.22	1996 929.51	2012 154.89
1 30 00	1951 426.70	1966 651.67	1981 876.73	1997 101.88	2012 327.12
1 32 30	1951 604.35	1966 829.17	1982 054.09	1997 279.10	2012 504.20
1 35 00	1951 786.87	1967 011.54	1982 236.32	1997 461.18	2012 686.14
1 37 30	1951 974.25	1967 198.78	1982 423.40	1997 648.12	2012 872.92
1 40 00	1952 166.50	1967 390.88	1982 615.35	1997 839.91	2013 064.56
1 42 30	1952 363.62	1967 587.85	1982 812.16	1998 036.56	2013 261.06
1 45 00	1952 565.61	1967 789.67	1983 013.83	1998 238.07	2013 462.40
1 47 30	1952 772.47	1967 996.37	1983 220.35	1998 444.43	2013 668.59
1 50 00	1952 984.19	1968 207.92	1983 431.74	1998 655.65	2013 879.64
1 52 30	1953 200.79	1968 424.34	1983 647.99	1998 871.72	2014 095.55
1 55 00	1953 422.25	1968 645.63	1983 869.10	1999 092.66	2014 316.30
1 57 30	1953 648.58	1968 871.78	1984 095.07	1999 318.45	2014 541.91
2 00 00	1953 879.78	1969 102.79	1984 325.90	1999 549.09	2014 772.37
2 02 30	1954 115.85	1969 338.68	1984 561.59	1999 784.59	2015 007.68
2 05 00	1954 356.78	1969 579.42	1984 802.14	2000 024.95	2015 247.85
2 07 30	1954 602.58	1969 825.03	1985 047.55	2000 270.17	2015 492.87
2 10 00	1954 853.26	1970 075.50	1985 297.83	2000 520.24	2015 742.74
2 12 30	1955 108.80	1970 330.84	1985 552.96	2000 775.17	2015 997.46
2 15 00	1955 369.21	1970 591.04	1985 812.96	2001 034.96	2016 257.04
2 17 30	1955 634.48	1970 856.11	1986 077.81	2001 299.60	2016 521.48
2 20 00	1955 904.63	1971 126.04	1986 347.53	2001 569.11	2016 790.76
2 22 30	1956 179.65	1971 400.84	1986 622.11	2001 843.47	2017 064.90
2 25 00	1956 459.54	1971 680.50	1986 901.55	2002 122.68	2017 343.89
2 27 30	1956 744.29	1971 965.03	1987 185.85	2002 406.76	2017 627.74
2 30 00	1957 033.91	1972 254.43	1987 475.01	2002 695.69	2017 916.44
2 32 30	1957 328.41	1972 548.69	1987 769.04	2002 989.48	2018 209.99
2 35 00	1957 627.77	1972 847.81	1988 067.93	2003 288.13	2018 508.40
2 37 30	1957 932.01	1973 151.80	1988 371.67	2003 591.63	2018 811.66
2 40 00	1958 241.11	1973 460.66	1988 680.28	2003 899.99	2019 119.77
2 42 30	1958 555.08	1973 774.38	1988 993.75	2004 213.22	2019 432.74
2 45 00	1958 873.93	1974 092.97	1989 312.09	2004 531.30	2019 750.57
2 47 30	1959 197.64	1974 416.42	1989 635.29	2004 854.23	2020 073.24
2 50 00	1959 526.22	1974 744.74	1989 963.35	2005 182.03	2020 400.78
2 52 30	1959 859.67	1975 077.93	1990 296.27	2005 514.68	2020 733.16
2 55 00	1960 198.00	1975 415.99	1990 634.05	2005 852.20	2021 070.41
2 57 30	1960 541.19	1975 758.91	1990 976.70	2006 194.57	2021 412.50
3 00 00	1960 889.25	1976 106.69	1991 324.20	2006 541.80	2021 759.45

Second-difference correction to y for indicated value of k (for all Δλ's)

k	0" 150"	5" 145"	10" 140"	15" 135"	20" 130"	25" 125"	30" 120"	35" 115"	40" 110"	45" 105"	50" 100"	55" 95"	60" 90"	65" 85"	70" 80"	75" 75"
Correction	-.01	-.09	-.16	-.23	-.29	-.35	-.40	-.45	-.49	-.52	-.55	-.58	-.60	-.61	-.62	-.62

Correction for h is negligible

ALASKA – ZONES 2 TO 9
STATE PLANE COORDINATES IN FEET – X'

Δλ \ φ	59 30 00	59 32 30	59 35 00	59 37 30	59 40 00
0 00 00	0.00	0.00	0.00	0.00	0.00
0 02 30	7 742.27	7 732.72	7 723.18	7 713.63	7 704.07
0 05 00	15 484.53	15 465.45	15 446.35	15 427.25	15 408.14
0 07 30	23 226.80	23 198.17	23 169.52	23 140.87	23 112.20
0 10 00	30 969.06	30 930.88	30 892.69	30 854.48	30 816.26
0 12 30	38 711.30	38 663.58	38 615.84	38 568.08	38 520.30
0 15 00	46 453.54	46 396.28	46 338.99	46 281.68	46 224.34
0 17 30	54 195.76	54 128.96	54 062.12	53 995.26	53 928.37
0 20 00	61 937.98	61 861.63	61 785.25	61 708.83	61 632.38
0 22 30	69 680.18	69 594.28	69 508.35	69 422.38	69 336.38
0 25 00	77 422.35	77 326.92	77 231.44	77 135.92	77 040.36
0 27 30	85 164.51	85 059.53	84 954.51	84 849.43	84 744.32
0 30 00	92 906.65	92 792.13	92 677.55	92 562.93	92 448.25
0 32 30	100 648.77	100 524.70	100 400.57	100 276.40	100 152.16
0 35 00	108 390.86	108 257.24	108 123.57	107 989.84	107 856.05
0 37 30	116 132.91	115 989.76	115 846.54	115 703.26	115 559.91
0 40 00	123 874.94	123 722.24	123 569.47	123 416.64	123 263.74
0 42 30	131 616.94	131 454.70	131 292.38	131 129.99	130 967.54
0 45 00	139 358.91	139 187.12	139 015.25	138 843.31	138 671.30
0 47 30	147 100.84	146 919.50	146 738.09	146 556.60	146 375.03
0 50 00	154 842.73	154 651.85	154 460.89	154 269.85	154 078.72
0 52 30	162 584.58	162 384.16	162 183.65	161 983.05	161 782.37
0 55 00	170 326.39	170 116.42	169 906.36	169 696.22	169 485.97
0 57 30	178 068.16	177 848.65	177 629.04	177 409.34	177 189.54
1 00 00	185 809.88	185 580.82	185 351.67	185 122.41	184 893.06
1 02 30	193 551.55	193 312.95	193 074.25	192 835.44	192 596.53
1 05 00	201 293.17	201 045.03	200 796.78	200 548.42	200 299.95
1 07 30	209 034.75	208 777.06	208 519.25	208 261.34	208 003.32
1 10 00	216 776.27	216 509.03	216 241.68	215 974.21	215 706.63
1 12 30	224 517.73	224 240.95	223 964.05	223 687.03	223 409.89
1 15 00	232 259.14	231 972.81	231 686.36	231 399.79	231 113.09
1 17 30	240 000.48	239 704.62	239 408.61	239 112.49	238 816.23
1 20 00	247 741.77	247 436.35	247 130.80	246 825.13	246 519.31
1 22 30	255 482.99	255 168.02	254 852.93	254 537.69	254 222.33
1 25 00	263 224.14	262 899.63	262 574.99	262 250.20	261 925.27
1 27 30	270 965.23	270 631.18	270 296.98	269 962.64	269 628.16
1 30 00	278 706.25	278 362.65	278 018.90	277 675.01	277 330.97
1 32 30	286 447.20	286 094.05	285 740.76	285 387.31	285 033.71
1 35 00	294 188.07	293 825.38	293 462.53	293 099.54	292 736.37
1 37 30	301 928.87	301 556.64	301 184.24	300 811.69	300 438.97
1 40 00	309 669.59	309 287.81	308 905.87	308 523.75	308 141.48
1 42 30	317 410.23	317 018.90	316 627.41	316 235.75	315 843.91
1 45 00	325 150.79	324 749.92	324 348.87	323 947.66	323 546.26
1 47 30	332 891.27	332 480.85	332 070.25	331 659.48	331 248.53
1 50 00	340 631.66	340 211.69	339 791.55	339 371.22	338 950.71
1 52 30	348 371.96	347 942.45	347 512.75	347 082.87	346 652.80
1 55 00	356 112.18	355 673.12	355 233.87	354 794.43	354 354.81
1 57 30	363 852.30	363 403.70	362 954.90	362 505.91	362 056.72
2 00 00	371 592.33	371 134.18	370 675.83	370 217.28	369 758.54
2 02 30	379 332.27	378 864.57	378 396.66	377 928.56	377 460.26
2 05 00	387 072.11	386 594.86	386 117.41	385 639.75	385 161.88
2 07 30	394 811.84	394 325.05	393 838.04	393 350.83	392 863.41
2 10 00	402 551.48	402 055.14	401 558.58	401 061.82	400 564.83
2 12 30	410 291.01	409 785.13	409 279.01	408 772.69	408 266.15
2 15 00	418 030.44	417 515.01	416 999.35	416 483.47	415 967.37
2 17 30	425 769.77	425 244.78	424 719.57	424 194.14	423 668.47
2 20 00	433 508.98	432 974.44	432 439.68	431 904.69	431 369.46
2 22 30	441 248.07	440 704.00	440 159.68	439 615.13	439 070.35
2 25 00	448 987.06	448 433.44	447 879.57	447 325.46	446 771.12
2 27 30	456 725.93	456 162.76	455 599.34	455 035.68	454 471.77
2 30 00	464 464.69	463 891.97	463 318.99	462 745.77	462 172.31
2 32 30	472 203.33	471 621.05	471 038.53	470 455.75	469 872.72
2 35 00	479 941.84	479 350.02	478 757.94	478 165.61	477 573.02
2 37 30	487 680.23	487 078.86	486 477.23	485 875.34	485 273.19
2 40 00	495 418.50	494 807.58	494 196.39	493 584.94	492 973.23
2 42 30	503 156.64	502 536.17	501 915.43	501 294.42	500 673.15
2 45 00	510 894.65	510 264.63	509 634.33	509 003.77	508 372.93
2 47 30	518 632.53	517 992.96	517 353.11	516 712.99	516 072.59
2 50 00	526 370.27	525 721.15	525 071.75	524 422.07	523 772.12
2 52 30	534 107.89	533 449.22	532 790.26	532 131.02	531 471.50
2 55 00	541 845.36	541 177.14	540 508.63	539 839.83	539 170.75
2 57 30	549 582.69	548 904.93	548 226.86	547 548.50	546 869.85
3 00 00	557 319.89	556 632.57	555 944.94	555 257.03	554 568.82

Second-difference correction to x' for indicated values of h and Δλ

Δλ \ h	0" 150"	15" 135"	30" 120"	45" 105"	60" 90"	75" 75"
0°	0	0	0	0	0	0
1°	0	+.01	+.01	+.02	+.02	+.02
2°	+.01	+.02	+.02	+.03	+.03	+.03
3°	+.01	+.03	+.04	+.04	+.05	+.05

Correction for k is negligible

ALASKA – ZONES 2 TO 9
STATE PLANE COORDINATES IN FEET – Y

Δλ \ φ	59 30 00	59 32 30	59 35 00	59 37 30	59 40 00
0 00 00	2009 183.40	2024 411.27	2039 639.24	2054 867.30	2070 095.46
0 02 30	2009 185.83	2024 413.69	2039 641.66	2054 869.72	2070 097.88
0 05 00	2009 193.10	2024 420.96	2039 648.93	2054 876.98	2070 105.13
0 07 30	2009 205.23	2024 433.08	2039 661.03	2054 889.08	2070 117.22
0 10 00	2009 222.21	2024 450.05	2039 677.98	2054 906.01	2070 134.14
0 12 30	2009 244.04	2024 471.86	2039 699.78	2054 927.79	2070 155.91
0 15 00	2009 270.73	2024 498.52	2039 726.42	2054 954.41	2070 182.50
0 17 30	2009 302.26	2024 530.03	2039 757.90	2054 985.87	2070 213.93
0 20 00	2009 338.64	2024 566.38	2039 794.23	2055 022.16	2070 250.20
0 22 30	2009 379.88	2024 607.59	2039 835.40	2055 063.30	2070 291.30
0 25 00	2009 425.96	2024 653.64	2039 881.41	2055 109.27	2070 337.24
0 27 30	2009 476.90	2024 704.53	2039 932.27	2055 160.09	2070 388.01
0 30 00	2009 532.69	2024 760.28	2039 987.96	2055 215.74	2070 443.62
0 32 30	2009 593.34	2024 820.87	2040 048.51	2055 276.24	2070 504.06
0 35 00	2009 658.83	2024 886.31	2040 113.90	2055 341.57	2070 569.35
0 37 30	2009 729.17	2024 956.60	2040 184.13	2055 411.75	2070 639.46
0 40 00	2009 804.37	2025 031.73	2040 259.20	2055 486.76	2070 714.42
0 42 30	2009 884.41	2025 111.71	2040 339.12	2055 566.61	2070 794.20
0 45 00	2009 969.31	2025 196.55	2040 423.88	2055 651.31	2070 878.83
0 47 30	2010 059.06	2025 286.22	2040 513.48	2055 740.84	2070 968.29
0 50 00	2010 153.67	2025 380.75	2040 607.94	2055 835.21	2071 062.58
0 52 30	2010 253.12	2025 480.12	2040 707.23	2055 934.42	2071 161.71
0 55 00	2010 357.42	2025 584.34	2040 811.36	2056 038.47	2071 265.68
0 57 30	2010 466.58	2025 693.41	2040 920.34	2056 147.36	2071 374.49
1 00 00	2010 580.58	2025 807.33	2041 034.17	2056 261.10	2071 488.12
1 02 30	2010 699.45	2025 926.09	2041 152.84	2056 379.67	2071 606.60
1 05 00	2010 823.16	2026 049.70	2041 276.35	2056 503.08	2071 729.91
1 07 30	2010 951.72	2026 178.16	2041 404.70	2056 631.33	2071 858.06
1 10 00	2011 085.13	2026 311.47	2041 537.90	2056 764.42	2071 991.04
1 12 30	2011 223.40	2026 449.62	2041 675.94	2056 902.35	2072 128.86
1 15 00	2011 366.52	2026 592.63	2041 818.83	2057 045.12	2072 271.51
1 17 30	2011 514.49	2026 740.48	2041 966.56	2057 192.74	2072 419.01
1 20 00	2011 667.31	2026 893.18	2042 119.14	2057 345.19	2072 571.33
1 22 30	2011 824.99	2027 050.72	2042 276.56	2057 502.48	2072 728.50
1 25 00	2011 987.51	2027 213.12	2042 438.83	2057 664.61	2072 890.50
1 27 30	2012 154.89	2027 380.36	2042 605.93	2057 831.59	2073 057.34
1 30 00	2012 327.12	2027 552.45	2042 777.89	2058 003.40	2073 229.01
1 32 30	2012 504.20	2027 729.39	2042 954.68	2058 180.05	2073 405.52
1 35 00	2012 686.14	2027 911.18	2043 136.32	2058 361.55	2073 586.86
1 37 30	2012 872.92	2028 097.82	2043 322.81	2058 547.88	2073 773.05
1 40 00	2013 064.56	2028 289.30	2043 514.14	2058 739.06	2073 964.06
1 42 30	2013 261.06	2028 485.64	2043 710.31	2058 935.07	2074 159.92
1 45 00	2013 462.40	2028 686.82	2043 911.33	2059 135.93	2074 360.61
1 47 30	2013 668.59	2028 892.85	2044 117.19	2059 341.63	2074 566.14
1 50 00	2013 879.64	2029 103.73	2044 327.90	2059 552.16	2074 776.51
1 52 30	2014 095.55	2029 319.46	2044 543.46	2059 767.54	2074 991.71
1 55 00	2014 316.30	2029 540.04	2044 763.86	2059 987.76	2075 211.75
1 57 30	2014 541.91	2029 765.46	2044 989.10	2060 212.82	2075 436.63
2 00 00	2014 772.37	2029 995.73	2045 219.19	2060 442.72	2075 666.35
2 02 30	2015 007.68	2030 230.86	2045 454.12	2060 677.47	2075 900.90
2 05 00	2015 247.85	2030 470.83	2045 693.90	2060 917.05	2076 140.29
2 07 30	2015 492.87	2030 715.65	2045 938.52	2061 161.48	2076 384.51
2 10 00	2015 742.74	2030 965.32	2046 187.99	2061 410.74	2076 633.58
2 12 30	2015 997.46	2031 219.84	2046 442.30	2061 664.85	2076 887.48
2 15 00	2016 257.04	2031 479.21	2046 701.46	2061 923.80	2077 146.22
2 17 30	2016 521.48	2031 743.43	2046 965.47	2062 187.59	2077 409.79
2 20 00	2016 790.76	2032 012.50	2047 234.32	2062 456.22	2077 678.21
2 22 30	2017 064.90	2032 286.42	2047 508.02	2062 729.70	2077 951.45
2 25 00	2017 343.89	2032 565.18	2047 786.56	2063 008.01	2078 229.55
2 27 30	2017 627.74	2032 848.80	2048 069.94	2063 291.17	2078 512.47
2 30 00	2017 916.44	2033 137.27	2048 358.18	2063 579.17	2078 800.24
2 32 30	2018 209.99	2033 430.59	2048 651.26	2063 872.01	2079 092.84
2 35 00	2018 508.40	2033 728.75	2048 949.18	2064 169.69	2079 390.28
2 37 30	2018 811.66	2034 031.77	2049 251.96	2064 472.22	2079 692.56
2 40 00	2019 119.77	2034 339.64	2049 559.58	2064 779.59	2079 999.68
2 42 30	2019 432.74	2034 652.35	2049 872.04	2065 091.80	2080 311.63
2 45 00	2019 750.57	2034 969.92	2050 189.34	2065 408.85	2080 628.42
2 47 30	2020 073.24	2035 292.34	2050 511.50	2065 730.75	2080 950.06
2 50 00	2020 400.78	2035 619.61	2050 838.51	2066 057.49	2081 276.53
2 52 30	2020 733.16	2035 951.73	2051 170.36	2066 389.06	2081 607.84
2 55 00	2021 070.41	2036 288.70	2051 507.05	2066 725.49	2081 943.99
2 57 30	2021 412.50	2036 630.52	2051 848.60	2067 066.75	2082 284.98
3 00 00	2021 759.45	2036 977.18	2052 194.98	2067 412.86	2082 630.80

Second-difference correction to y for indicated value of k (for all Δλ's)

k	0" 150"	5" 145"	10" 140"	15" 135"	20" 130"	25" 125"	30" 120"	35" 115"	40" 110"	45" 105"	50" 100"	55" 95"	60" 90"	65" 85"	70" 80"	75" 75"
Correction	-.01	-.09	-.16	-.23	-.29	-.34	-.39	-.44	-.48	-.51	-.54	-.57	-.59	-.60	-.61	-.61

Correction for h is negligible

ALASKA – ZONES 2 TO 9
STATE PLANE COORDINATES IN FEET – X'

Δλ \ φ	59 40 00	59 42 30	59 45 00	59 47 30	59 50 00
0 00 00	0.00	0.00	0.00	0.00	0.00
0 02 30	7 704.07	7 694.51	7 684.95	7 675.38	7 665.80
0 05 00	15 408.14	15 389.01	15 369.88	15 350.75	15 331.60
0 07 30	23 112.20	23 083.52	23 054.82	23 026.12	22 997.40
0 10 00	30 816.26	30 778.02	30 739.75	30 701.48	30 663.19
0 12 30	38 520.30	38 472.50	38 424.68	38 376.84	38 328.97
0 15 00	46 224.34	46 166.98	46 109.59	46 052.18	45 994.75
0 17 30	53 928.37	53 861.44	53 794.50	53 727.51	53 660.51
0 20 00	61 632.38	61 555.90	61 479.38	61 402.83	61 326.25
0 22 30	69 336.38	69 250.33	69 164.25	69 078.14	68 991.98
0 25 00	77 040.36	76 944.75	76 849.11	76 753.42	76 657.69
0 27 30	84 744.32	84 639.15	84 533.94	84 428.69	84 323.39
0 30 00	92 448.25	92 333.53	92 218.75	92 103.93	91 989.06
0 32 30	100 152.16	100 027.88	99 903.54	99 779.15	99 654.70
0 35 00	107 856.05	107 722.21	107 588.30	107 454.34	107 320.33
0 37 30	115 559.91	115 416.50	115 273.04	115 129.51	114 985.92
0 40 00	123 263.74	123 110.77	122 957.74	122 804.64	122 651.48
0 42 30	130 967.54	130 805.01	130 642.41	130 479.75	130 317.01
0 45 00	138 671.30	138 499.21	138 327.05	138 154.82	137 982.51
0 47 30	146 375.03	146 193.38	146 011.65	145 829.85	145 647.96
0 50 00	154 078.72	153 887.51	153 696.21	153 504.84	153 313.38
0 52 30	161 782.37	161 581.60	161 380.74	161 179.80	160 978.77
0 55 00	169 485.97	169 275.65	169 065.22	168 854.71	168 644.11
0 57 30	177 189.54	176 969.65	176 749.66	176 529.58	176 309.40
1 00 00	184 893.06	184 663.60	184 434.05	184 204.40	183 974.65
1 02 30	192 596.53	192 357.51	192 118.40	191 879.18	191 639.86
1 05 00	200 299.95	200 051.37	199 802.69	199 553.90	199 305.00
1 07 30	208 003.32	207 745.18	207 486.93	207 228.58	206 970.10
1 10 00	215 706.63	215 438.93	215 171.12	214 903.19	214 635.15
1 12 30	223 409.89	223 132.63	222 855.25	222 577.75	222 300.14
1 15 00	231 113.09	230 826.27	230 539.33	230 252.26	229 965.07
1 17 30	238 816.23	238 519.85	238 223.34	237 926.70	237 629.94
1 20 00	246 519.31	246 213.37	245 907.29	245 601.09	245 294.75
1 22 30	254 222.33	253 906.82	253 591.18	253 275.40	252 959.49
1 25 00	261 925.27	261 600.21	261 275.00	260 949.65	260 624.16
1 27 30	269 628.16	269 293.53	268 958.75	268 623.84	268 288.77
1 30 00	277 330.97	276 986.78	276 642.44	276 297.95	275 953.31
1 32 30	285 033.71	284 679.96	284 326.05	283 971.99	283 617.78
1 35 00	292 736.37	292 373.06	292 009.59	291 645.96	291 282.18
1 37 30	300 438.97	300 066.09	299 693.05	299 319.85	298 946.49
1 40 00	308 141.48	307 759.04	307 376.44	306 993.67	306 610.73
1 42 30	315 843.91	315 451.91	315 059.73	314 667.40	314 274.89
1 45 00	323 546.26	323 144.69	322 742.96	322 341.05	321 938.97
1 47 30	331 248.53	330 837.40	330 426.10	330 014.62	329 602.96
1 50 00	338 950.71	338 530.02	338 109.15	337 688.10	337 266.86
1 52 30	346 652.80	346 222.55	345 792.11	345 361.49	344 930.67
1 55 00	354 354.81	353 914.99	353 474.99	353 034.79	352 594.40
1 57 30	362 056.72	361 607.34	361 157.77	360 708.00	360 258.04
2 00 00	369 758.54	369 299.59	368 840.45	368 381.11	367 921.58
2 02 30	377 460.26	376 991.75	376 523.05	376 054.14	375 585.02
2 05 00	385 161.88	384 683.81	384 205.54	383 727.06	383 248.37
2 07 30	392 863.41	392 375.77	391 887.93	391 399.88	390 911.61
2 10 00	400 564.83	400 067.63	399 570.22	399 072.60	398 574.76
2 12 30	408 266.15	407 759.38	407 252.41	406 745.21	406 237.79
2 15 00	415 967.37	415 451.04	414 934.49	414 417.72	413 900.73
2 17 30	423 668.47	423 142.58	422 616.46	422 090.12	421 563.55
2 20 00	431 369.46	430 834.01	430 298.33	429 762.41	429 226.26
2 22 30	439 070.35	438 525.33	437 980.08	437 434.59	436 888.86
2 25 00	446 771.12	446 216.53	445 661.71	445 106.65	444 551.35
2 27 30	454 471.77	453 907.62	453 343.23	452 778.60	452 213.72
2 30 00	462 172.31	461 598.59	461 024.63	460 450.43	459 875.97
2 32 30	469 872.72	469 289.44	468 705.92	468 122.13	467 538.10
2 35 00	477 573.02	476 980.17	476 387.08	475 793.72	475 200.11
2 37 30	485 273.19	484 670.77	484 068.11	483 465.18	482 861.99
2 40 00	492 973.23	492 361.25	491 749.02	491 136.52	490 523.75
2 42 30	500 673.15	500 051.60	499 429.80	498 807.72	498 185.38
2 45 00	508 372.93	507 741.83	507 110.45	506 478.80	505 846.88
2 47 30	516 072.59	515 431.92	514 790.97	514 149.75	513 508.24
2 50 00	523 772.12	523 121.87	522 471.36	521 820.55	521 169.48
2 52 30	531 471.50	530 811.68	530 151.60	529 491.23	528 830.57
2 55 00	539 170.75	538 501.37	537 831.71	537 161.76	536 491.53
2 57 30	546 869.85	546 190.91	545 511.68	544 832.16	544 152.34
3 00 00	554 568.82	553 880.31	553 191.51	552 502.41	551 813.01

Second-difference correction to x' for indicated values of h and Δλ

Δλ \ h	0" 150"	15" 135"	30" 120"	45" 105"	60" 90"	75" 75"
0°	0	0	0	0	0	0
1°	0	+.01	+.01	+.02	+.02	+.02
2°	+.01	+.02	+.02	+.03	+.03	+.03
3°	+.01	+.03	+.04	+.04	+.05	+.05

Correction for k is negligible

ALASKA – ZONES 2 TO 9
STATE PLANE COORDINATES IN FEET – Y

Δλ \ φ	59 40 00	59 42 30	59 45 00	59 47 30	59 50 00
0 00 00	2070 095.46	2085 323.72	2100 552.08	2115 780.54	2131 009.09
0 02 30	2070 097.88	2085 326.14	2100 554.49	2115 782.95	2131 011.51
0 05 00	2070 105.13	2085 333.38	2100 561.73	2115 790.19	2131 018.73
0 07 30	2070 117.22	2085 345.46	2100 573.80	2115 802.24	2131 030.78
0 10 00	2070 134.14	2085 362.37	2100 590.70	2115 819.13	2131 047.65
0 12 30	2070 155.91	2085 384.12	2100 612.42	2115 840.83	2131 069.34
0 15 00	2070 182.50	2085 410.69	2100 638.98	2115 867.37	2131 095.85
0 17 30	2070 213.93	2085 442.10	2100 670.36	2115 898.72	2131 127.18
0 20 00	2070 250.20	2085 478.34	2100 706.56	2115 934.90	2131 163.33
0 22 30	2070 291.30	2085 519.40	2100 747.60	2115 975.90	2131 204.29
0 25 00	2070 337.24	2085 565.30	2100 793.46	2116 021.72	2131 250.08
0 27 30	2070 388.01	2085 616.04	2100 844.15	2116 072.37	2131 300.69
0 30 00	2070 443.62	2085 671.60	2100 899.67	2116 127.84	2131 356.11
0 32 30	2070 504.06	2085 732.00	2100 960.02	2116 188.14	2131 416.36
0 35 00	2070 569.35	2085 797.23	2101 025.19	2116 253.26	2131 481.43
0 37 30	2070 639.46	2085 867.28	2101 095.19	2116 323.21	2131 551.32
0 40 00	2070 714.42	2085 942.18	2101 170.02	2116 397.97	2131 626.02
0 42 30	2070 794.20	2086 021.90	2101 249.68	2116 477.57	2131 705.55
0 45 00	2070 878.83	2086 106.45	2101 334.17	2116 561.98	2131 789.90
0 47 30	2070 968.29	2086 195.84	2101 423.48	2116 651.22	2131 879.06
0 50 00	2071 062.58	2086 290.06	2101 517.62	2116 745.29	2131 973.05
0 52 30	2071 161.71	2086 389.11	2101 616.59	2116 844.17	2132 071.85
0 55 00	2071 265.68	2086 492.99	2101 720.39	2116 947.89	2132 175.48
0 57 30	2071 374.49	2086 601.71	2101 829.01	2117 056.43	2132 283.93
1 00 00	2071 488.12	2086 715.25	2101 942.47	2117 169.78	2132 397.19
1 02 30	2071 606.60	2086 833.63	2102 060.75	2117 287.97	2132 515.28
1 05 00	2071 729.91	2086 956.84	2102 183.86	2117 410.98	2132 638.19
1 07 30	2071 858.06	2087 084.88	2102 311.80	2117 538.81	2132 765.91
1 10 00	2071 991.04	2087 217.76	2102 444.56	2117 671.46	2132 898.46
1 12 30	2072 128.86	2087 355.46	2102 582.15	2117 808.95	2133 035.83
1 15 00	2072 271.51	2087 498.00	2102 724.58	2117 951.25	2133 178.02
1 17 30	2072 419.01	2087 645.38	2102 871.83	2118 098.38	2133 325.02
1 20 00	2072 571.33	2087 797.58	2103 023.91	2118 250.33	2133 476.85
1 22 30	2072 728.50	2087 954.61	2103 180.81	2118 407.11	2133 633.50
1 25 00	2072 890.50	2088 116.48	2103 342.55	2118 568.72	2133 794.97
1 27 30	2073 057.34	2088 283.18	2103 509.11	2118 735.14	2133 961.26
1 30 00	2073 229.01	2088 454.71	2103 680.51	2118 906.39	2134 132.37
1 32 30	2073 405.52	2088 631.08	2103 856.73	2119 082.47	2134 308.30
1 35 00	2073 586.86	2088 812.28	2104 037.78	2119 263.37	2134 489.05
1 37 30	2073 773.05	2088 998.31	2104 223.65	2119 449.09	2134 674.62
1 40 00	2073 964.06	2089 189.17	2104 414.36	2119 639.65	2134 865.02
1 42 30	2074 159.92	2089 384.87	2104 609.89	2119 835.02	2135 060.23
1 45 00	2074 360.61	2089 585.40	2104 810.26	2120 035.22	2135 260.26
1 47 30	2074 566.14	2089 790.76	2105 015.45	2120 240.24	2135 465.12
1 50 00	2074 776.51	2090 000.95	2105 225.48	2120 450.10	2135 674.80
1 52 30	2074 991.71	2090 215.98	2105 440.33	2120 664.77	2135 889.29
1 55 00	2075 211.75	2090 435.84	2105 660.01	2120 884.27	2136 108.61
1 57 30	2075 436.63	2090 660.53	2105 884.52	2121 108.59	2136 332.75
2 00 00	2075 666.35	2090 890.06	2106 113.86	2121 337.74	2136 561.71
2 02 30	2075 900.90	2091 124.42	2106 348.02	2121 571.72	2136 795.50
2 05 00	2076 140.29	2091 363.62	2106 587.02	2121 810.52	2137 034.10
2 07 30	2076 384.51	2091 607.64	2106 830.85	2122 054.14	2137 277.52
2 10 00	2076 633.58	2091 856.50	2107 079.50	2122 302.60	2137 525.77
2 12 30	2076 887.48	2092 110.20	2107 332.99	2122 555.87	2137 778.84
2 15 00	2077 146.22	2092 368.72	2107 591.30	2122 813.97	2138 036.73
2 17 30	2077 409.79	2092 632.08	2107 854.45	2123 076.90	2138 299.44
2 20 00	2077 678.21	2092 900.27	2108 122.42	2123 344.66	2138 566.97
2 22 30	2077 951.45	2093 173.30	2108 395.23	2123 617.24	2138 839.32
2 25 00	2078 229.55	2093 451.16	2108 672.86	2123 894.64	2139 116.50
2 27 30	2078 512.47	2093 733.86	2108 955.32	2124 176.87	2139 398.50
2 30 00	2078 800.24	2094 021.39	2109 242.62	2124 463.93	2139 685.32
2 32 30	2079 092.84	2094 313.75	2109 534.74	2124 755.81	2139 976.96
2 35 00	2079 390.28	2094 610.95	2109 831.70	2125 052.52	2140 273.43
2 37 30	2079 692.56	2094 912.98	2110 133.48	2125 354.06	2140 574.71
2 40 00	2079 999.68	2095 219.85	2110 440.09	2125 660.42	2140 880.82
2 42 30	2080 311.63	2095 531.55	2110 751.54	2125 971.61	2141 191.75
2 45 00	2080 628.42	2095 848.09	2111 067.82	2126 287.62	2141 507.51
2 47 30	2080 950.06	2096 169.46	2111 388.92	2126 608.47	2141 828.08
2 50 00	2081 276.53	2096 495.66	2111 714.86	2126 934.14	2142 153.48
2 52 30	2081 607.84	2096 826.70	2112 045.62	2127 264.63	2142 483.71
2 55 00	2081 943.99	2097 162.57	2112 381.22	2127 599.95	2142 818.75
2 57 30	2082 284.98	2097 503.28	2112 721.65	2127 940.10	2143 158.62
3 00 00	2082 630.80	2097 848.83	2113 066.91	2128 285.08	2143 503.31

Second-difference correction to y for indicated value of k (for all Δλ's)

k	0" 150"	5" 145"	10" 140"	15" 135"	20" 130"	25" 125"	30" 120"	35" 115"	40" 110"	45" 105"	50" 100"	55" 95"	60" 90"	65" 85"	70" 80"	75" 75"
Correction	-.01	-.09	-.16	-.23	-.29	-.34	-.39	-.44	-.48	-.51	-.54	-.57	-.59	-.60	-.61	-.61

Correction for h is negligible

ALASKA – ZONES 2 TO 9
STATE PLANE COORDINATES IN FEET – X'

Δλ \ φ	59 50 00	59 52 30	59 55 00	59 57 30	60 00 00
0 00 00	0.00	0.00	0.00	0.00	0.00
0 02 30	7 665.80	7 656.22	7 646.64	7 637.06	7 627.47
0 05 00	15 331.60	15 312.45	15 293.29	15 274.12	15 254.94
0 07 30	22 997.40	22 968.67	22 939.93	22 911.17	22 882.41
0 10 00	30 663.19	30 624.88	30 586.56	30 548.22	30 509.86
0 12 30	38 328.97	38 281.09	38 233.18	38 185.26	38 137.32
0 15 00	45 994.75	45 937.29	45 879.80	45 822.29	45 764.76
0 17 30	53 660.51	53 593.47	53 526.40	53 459.31	53 392.19
0 20 00	61 326.25	61 249.64	61 172.99	61 096.31	61 019.60
0 22 30	68 991.98	68 905.79	68 819.57	68 733.30	68 647.00
0 25 00	76 657.69	76 561.93	76 466.12	76 370.27	76 274.38
0 27 30	84 323.39	84 218.04	84 112.65	84 007.22	83 901.74
0 30 00	91 989.06	91 874.14	91 759.17	91 644.14	91 529.08
0 32 30	99 654.70	99 530.20	99 405.65	99 281.05	99 156.39
0 35 00	107 320.33	107 186.25	107 052.12	106 917.93	106 783.68
0 37 30	114 985.92	114 842.26	114 698.55	114 554.77	114 410.94
0 40 00	122 651.48	122 498.25	122 344.96	122 191.59	122 038.17
0 42 30	130 317.01	130 154.20	129 991.32	129 828.38	129 665.36
0 45 00	137 982.51	137 810.12	137 637.66	137 465.13	137 292.53
0 47 30	145 647.96	145 466.00	145 283.96	145 101.85	144 919.65
0 50 00	153 313.38	153 121.85	152 930.23	152 738.53	152 546.74
0 52 30	160 978.77	160 777.65	160 576.45	160 375.16	160 173.79
0 55 00	168 644.11	168 433.41	168 222.63	168 011.76	167 800.80
0 57 30	176 309.40	176 089.13	175 868.77	175 648.31	175 427.76
1 00 00	183 974.65	183 744.80	183 514.86	183 284.81	183 054.67
1 02 30	191 639.86	191 400.43	191 160.90	190 921.27	190 681.53
1 05 00	199 305.00	199 056.00	198 806.89	198 557.68	198 308.35
1 07 30	206 970.10	206 711.52	206 452.83	206 194.03	205 935.12
1 10 00	214 635.15	214 366.99	214 098.72	213 830.33	213 561.83
1 12 30	222 300.14	222 022.40	221 744.55	221 466.57	221 188.48
1 15 00	229 965.07	229 677.76	229 390.32	229 102.76	228 815.07
1 17 30	237 629.94	237 333.05	237 036.03	236 738.88	236 441.61
1 20 00	245 294.75	244 988.27	244 681.68	244 374.94	244 068.08
1 22 30	252 959.49	252 643.44	252 327.26	252 010.94	251 694.48
1 25 00	260 624.16	260 298.54	259 972.77	259 646.87	259 320.82
1 27 30	268 288.77	267 953.57	267 618.22	267 282.73	266 947.10
1 30 00	275 953.31	275 608.53	275 263.60	274 918.52	274 573.30
1 32 30	283 617.78	283 263.42	282 908.91	282 554.24	282 199.43
1 35 00	291 282.18	290 918.23	290 554.14	290 189.89	289 825.48
1 37 30	298 946.49	298 572.97	298 199.30	297 825.46	297 451.46
1 40 00	306 610.73	306 227.64	305 844.37	305 460.95	305 077.36
1 42 30	314 274.89	313 882.21	313 489.37	313 096.36	312 703.17
1 45 00	321 938.97	321 536.71	321 134.28	320 731.68	320 328.91
1 47 30	329 602.96	329 191.12	328 779.11	328 366.92	327 954.56
1 50 00	337 266.86	336 845.45	336 423.85	336 002.08	335 580.13
1 52 30	344 930.67	344 499.68	344 068.50	343 637.14	343 205.60
1 55 00	352 594.40	352 153.83	351 713.07	351 272.12	350 830.98
1 57 30	360 258.04	359 807.89	359 357.54	358 907.01	358 456.28
2 00 00	367 921.58	367 461.84	367 001.92	366 541.80	366 081.48
2 02 30	375 585.02	375 115.71	374 646.20	374 176.49	373 706.57
2 05 00	383 248.37	382 769.48	382 290.38	381 811.08	381 331.58
2 07 30	390 911.61	390 423.14	389 934.46	389 445.57	388 956.47
2 10 00	398 574.76	398 076.70	397 578.44	397 079.96	396 581.27
2 12 30	406 237.79	405 730.16	405 222.31	404 714.25	404 205.96
2 15 00	413 900.73	413 383.52	412 866.08	412 348.43	411 830.55
2 17 30	421 563.55	421 036.76	420 509.74	419 982.50	419 455.02
2 20 00	429 226.26	428 689.89	428 153.28	427 616.45	427 079.39
2 22 30	436 888.86	436 342.91	435 796.72	435 250.30	434 703.64
2 25 00	444 551.35	443 995.81	443 440.04	442 884.03	442 327.78
2 27 30	452 213.72	451 648.60	451 083.24	450 517.64	449 951.80
2 30 00	459 875.97	459 301.27	458 726.33	458 151.14	457 575.70
2 32 30	467 538.10	466 953.82	466 369.29	465 784.51	465 199.48
2 35 00	475 200.11	474 606.25	474 012.13	473 417.76	472 823.14
2 37 30	482 861.99	482 258.55	481 654.85	481 050.89	480 446.67
2 40 00	490 523.75	489 910.73	489 297.44	488 683.89	488 070.08
2 42 30	498 185.38	497 562.77	496 939.90	496 316.76	495 693.36
2 45 00	505 846.88	505 214.69	504 582.23	503 949.50	503 316.50
2 47 30	513 508.24	512 866.47	512 224.42	511 582.11	510 939.51
2 50 00	521 169.48	520 518.12	519 866.49	519 214.58	518 562.38
2 52 30	528 830.57	528 169.63	527 508.41	526 846.91	526 185.13
2 55 00	536 491.53	535 821.00	535 150.20	534 479.10	533 807.72
2 57 30	544 152.34	543 472.24	542 791.84	542 111.16	541 430.18
3 00 00	551 813.01	551 123.32	550 433.34	549 743.07	549 052.49

Second-difference correction to x' for indicated values of h and Δλ

Δλ \ h	0" 150"	15" 135"	30" 120"	45" 105"	60" 90"	75" 75"
0°	0	0	0	0	0	0
1°	0	+.01	+.01	+.02	+.02	+.02
2°	+.01	+.02	+.02	+.03	+.03	+.03
3°	+.01	+.03	+.04	+.04	+.05	+.05

Correction for k is negligible

ALASKA – ZONES 2 TO 9
STATE PLANE COORDINATES IN FEET – Y

Δλ \ φ	59 50 00	59 52 30	59 55 00	59 57 30	60 00 00
0 00 00	2131 009.09	2146 237.75	2161 466.50	2176 695.35	2191 924.30
0 02 30	2131 011.51	2146 240.16	2161 468.91	2176 697.76	2191 926.70
0 05 00	2131 018.73	2146 247.38	2161 476.12	2176 704.97	2191 933.91
0 07 30	2131 030.78	2146 259.42	2161 488.15	2176 716.98	2191 945.92
0 10 00	2131 047.65	2146 276.28	2161 504.99	2176 733.81	2191 962.73
0 12 30	2131 069.34	2146 297.95	2161 526.65	2176 755.45	2191 984.35
0 15 00	2131 095.85	2146 324.43	2161 553.11	2176 781.89	2192 010.77
0 17 30	2131 127.18	2146 355.74	2161 584.39	2176 813.14	2192 041.99
0 20 00	2131 163.33	2146 391.86	2161 620.48	2176 849.20	2192 078.02
0 22 30	2131 204.29	2146 432.79	2161 661.38	2176 890.07	2192 118.85
0 25 00	2131 250.08	2146 478.54	2161 707.09	2176 935.74	2192 164.49
0 27 30	2131 300.69	2146 529.10	2161 757.61	2176 986.22	2192 214.93
0 30 00	2131 356.11	2146 584.49	2161 812.95	2177 041.51	2192 270.17
0 32 30	2131 416.36	2146 644.68	2161 873.09	2177 101.60	2192 330.21
0 35 00	2131 481.43	2146 709.70	2161 938.05	2177 166.51	2192 395.07
0 37 30	2131 551.32	2146 779.53	2162 007.82	2177 236.23	2192 464.72
0 40 00	2131 626.02	2146 854.17	2162 082.41	2177 310.74	2192 539.18
0 42 30	2131 705.55	2146 933.63	2162 161.80	2177 390.07	2192 618.44
0 45 00	2131 789.90	2147 017.91	2162 246.01	2177 474.21	2192 702.51
0 47 30	2131 879.06	2147 107.00	2162 335.03	2177 563.15	2192 791.38
0 50 00	2131 973.05	2147 200.91	2162 428.86	2177 656.91	2192 885.05
0 52 30	2132 071.85	2147 299.63	2162 527.50	2177 755.47	2192 983.53
0 55 00	2132 175.48	2147 403.17	2162 630.96	2177 858.84	2193 086.81
0 57 30	2132 283.93	2147 511.53	2162 739.22	2177 967.01	2193 194.90
1 00 00	2132 397.19	2147 624.70	2162 852.30	2178 079.99	2193 307.79
1 02 30	2132 515.28	2147 742.69	2162 970.19	2178 197.79	2193 425.48
1 05 00	2132 638.19	2147 865.50	2163 092.89	2178 320.39	2193 547.98
1 07 30	2132 765.91	2147 993.12	2163 220.41	2178 447.80	2193 675.28
1 10 00	2132 898.46	2148 125.56	2163 352.74	2178 580.02	2193 807.39
1 12 30	2133 035.83	2148 262.81	2163 489.88	2178 717.04	2193 944.30
1 15 00	2133 178.02	2148 404.88	2163 631.83	2178 858.87	2194 086.02
1 17 30	2133 325.02	2148 551.76	2163 778.59	2179 005.52	2194 232.53
1 20 00	2133 476.85	2148 703.46	2163 930.17	2179 156.97	2194 383.86
1 22 30	2133 633.50	2148 859.99	2164 086.56	2179 313.22	2194 539.99
1 25 00	2133 794.97	2149 021.32	2164 247.76	2179 474.29	2194 700.92
1 27 30	2133 961.26	2149 187.47	2164 413.77	2179 640.17	2194 866.66
1 30 00	2134 132.37	2149 358.44	2164 584.60	2179 810.85	2195 037.20
1 32 30	2134 308.30	2149 534.23	2164 760.24	2179 986.35	2195 212.54
1 35 00	2134 489.05	2149 714.83	2164 940.69	2180 166.65	2195 392.70
1 37 30	2134 674.62	2149 900.25	2165 125.95	2180 351.76	2195 577.65
1 40 00	2134 865.02	2150 090.48	2165 316.03	2180 541.68	2195 767.41
1 42 30	2135 060.23	2150 285.54	2165 510.92	2180 736.40	2195 961.98
1 45 00	2135 260.26	2150 485.40	2165 710.63	2180 935.94	2196 161.35
1 47 30	2135 465.12	2150 690.09	2165 915.14	2181 140.29	2196 365.52
1 50 00	2135 674.80	2150 899.59	2166 124.47	2181 349.44	2196 574.50
1 52 30	2135 889.29	2151 113.91	2166 338.61	2181 563.40	2196 788.28
1 55 00	2136 108.61	2151 333.05	2166 557.57	2181 782.17	2197 006.87
1 57 30	2136 332.75	2151 557.00	2166 781.34	2182 005.76	2197 230.26
2 00 00	2136 561.71	2151 785.77	2167 009.92	2182 234.15	2197 458.47
2 02 30	2136 795.50	2152 019.36	2167 243.31	2182 467.35	2197 691.47
2 05 00	2137 034.10	2152 257.77	2167 481.52	2182 705.36	2197 929.28
2 07 30	2137 277.52	2152 500.99	2167 724.54	2182 948.17	2198 171.90
2 10 00	2137 525.77	2152 749.03	2167 972.37	2183 195.80	2198 419.32
2 12 30	2137 778.84	2153 001.89	2168 225.02	2183 448.24	2198 671.54
2 15 00	2138 036.73	2153 259.57	2168 482.48	2183 705.48	2198 928.57
2 17 30	2138 299.44	2153 522.06	2168 744.76	2183 967.54	2199 190.41
2 20 00	2138 566.97	2153 789.37	2169 011.84	2184 234.41	2199 457.05
2 22 30	2138 839.32	2154 061.50	2169 283.75	2184 506.08	2199 728.50
2 25 00	2139 116.50	2154 338.44	2169 560.46	2184 782.57	2200 004.76
2 27 30	2139 398.50	2154 620.21	2169 842.00	2185 063.86	2200 285.82
2 30 00	2139 685.32	2154 906.79	2170 128.34	2185 349.97	2200 571.68
2 32 30	2139 976.96	2155 198.19	2170 419.50	2185 640.88	2200 862.35
2 35 00	2140 273.43	2155 494.41	2170 715.47	2185 936.61	2201 157.83
2 37 30	2140 574.71	2155 795.45	2171 016.25	2186 237.15	2201 458.12
2 40 00	2140 880.82	2156 101.30	2171 321.86	2186 542.49	2201 763.21
2 42 30	2141 191.75	2156 411.98	2171 632.27	2186 852.65	2202 073.10
2 45 00	2141 507.51	2156 727.47	2171 947.50	2187 167.62	2202 387.81
2 47 30	2141 828.08	2157 047.78	2172 267.55	2187 487.40	2202 707.32
2 50 00	2142 153.48	2157 372.91	2172 592.41	2187 811.98	2203 031.63
2 52 30	2142 483.71	2157 702.86	2172 922.08	2188 141.38	2203 360.75
2 55 00	2142 818.75	2158 037.63	2173 256.57	2188 475.59	2203 694.69
2 57 30	2143 158.62	2158 377.21	2173 595.87	2188 814.61	2204 033.42
3 00 00	2143 503.31	2158 721.62	2173 939.99	2189 158.44	2204 376.97

Second-difference correction to y for indicated value of k (for all Δλ's)

k	0" 150"	5" 145"	10" 140"	15" 135"	20" 130"	25" 125"	30" 120"	35" 115"	40" 110"	45" 105"	50" 100"	55" 95"	60" 90"	65" 85"	70" 80"	75" 75"
Correction	-.01	-.09	-.16	-.23	-.29	-.34	-.39	-.44	-.48	-.51	-.54	-.57	-.59	-.60	-.61	-.61

Correction for h is negligible

ALASKA – ZONES 2 TO 9
STATE PLANE COORDINATES IN FEET – X'

Δλ \ φ	60 00 00	60 02 30	60 05 00	60 07 30	60 10 00
0 00 00	0.00	0.00	0.00	0.00	0.00
0 02 30	7 627.47	7 617.88	7 608.28	7 598.68	7 589.07
0 05 00	15 254.94	15 235.75	15 216.56	15 197.35	15 178.15
0 07 30	22 882.41	22 853.63	22 824.83	22 796.03	22 767.21
0 10 00	30 509.86	30 471.49	30 433.10	30 394.70	30 356.27
0 12 30	38 137.32	38 089.35	38 041.36	37 993.36	37 945.33
0 15 00	45 764.76	45 707.20	45 649.61	45 592.01	45 534.37
0 17 30	53 392.19	53 325.03	53 257.85	53 190.64	53 123.40
0 20 00	61 019.60	60 942.85	60 866.08	60 789.26	60 712.42
0 22 30	68 647.00	68 560.66	68 474.28	68 387.87	68 301.42
0 25 00	76 274.38	76 178.45	76 082.47	75 986.46	75 890.41
0 27 30	83 901.74	83 796.21	83 690.64	83 585.03	83 479.37
0 30 00	91 529.08	91 413.96	91 298.79	91 183.57	91 068.31
0 32 30	99 156.39	99 031.68	98 906.92	98 782.10	98 657.22
0 35 00	106 783.68	106 649.37	106 515.01	106 380.59	106 246.12
0 37 30	114 410.94	114 267.04	114 123.08	113 979.06	113 834.98
0 40 00	122 038.17	121 884.67	121 731.12	121 577.49	121 423.81
0 42 30	129 665.36	129 502.28	129 339.12	129 175.90	129 012.61
0 45 00	137 292.53	137 119.85	136 947.09	136 774.27	136 601.37
0 47 30	144 919.65	144 737.38	144 555.03	144 372.60	144 190.10
0 50 00	152 546.74	152 354.88	152 162.93	151 970.90	151 778.79
0 52 30	160 173.79	159 972.33	159 770.79	159 569.15	159 367.43
0 55 00	167 800.80	167 589.74	167 378.60	167 167.36	166 956.04
0 57 30	175 427.76	175 207.11	174 986.37	174 765.53	174 544.60
1 00 00	183 054.67	182 824.43	182 594.09	182 363.65	182 133.12
1 02 30	190 681.53	190 441.70	190 201.77	189 961.72	189 721.58
1 05 00	198 308.35	198 058.92	197 809.39	197 559.75	197 310.00
1 07 30	205 935.12	205 676.09	205 416.96	205 157.71	204 898.36
1 10 00	213 561.83	213 293.21	213 024.48	212 755.63	212 486.67
1 12 30	221 188.48	220 910.27	220 631.94	220 353.49	220 074.92
1 15 00	228 815.07	228 527.27	228 239.34	227 951.29	227 663.12
1 17 30	236 441.61	236 144.21	235 846.68	235 549.03	235 251.25
1 20 00	244 068.08	243 761.08	243 453.96	243 146.70	242 839.32
1 22 30	251 694.48	251 377.90	251 061.17	250 744.31	250 427.32
1 25 00	259 320.82	258 994.64	258 668.32	258 341.86	258 015.25
1 27 30	266 947.10	266 611.31	266 275.40	265 939.33	265 603.13
1 30 00	274 573.30	274 227.92	273 882.40	273 536.74	273 190.92
1 32 30	282 199.43	281 844.46	281 489.34	281 134.07	280 778.65
1 35 00	289.825.48	289 460.92	289 096.20	288 731.33	288 366.30
1 37 30	297 451.46	297 077.30	296 702.98	296 328.51	295 953.87
1 40 00	305 077.36	304 693.60	304 309.69	303 925.61	303 541.36
1 42 30	312 703.17	312 309.82	311 916.31	311 522.62	311 128.78
1 45 00	320 328.91	319 925.96	319 522.85	319 119.56	318 716.11
1 47 30	327 954.56	327 542.02	327 129.31	326 716.42	326 303.35
1 50 00	335 580.13	335 157.99	334 735.68	334 313.18	333 890.51
1 52 30	343 205.60	342 773.87	342 341.96	341 909.86	341 477.58
1 55 00	350 830.98	350 389.66	349 948.15	349 506.44	349 064.55
1 57 30	358 456.28	358 005.35	357 554.24	357 102.93	356 651.44
2 00 00	366 081.48	365 620.95	365 160.24	364 699.33	364 238.23
2 02 30	373 706.57	373 236.45	372 766.14	372 295.63	371 824.92
2 05 00	381 331.58	380 851.86	380 371.95	379 891.83	379 411.51
2 07 30	388 956.47	388 467.16	387 977.65	387 487.93	386 998.00
2 10 00	396 581.27	396 082.37	395 583.25	395 083.92	394 584.39
2 12 30	404 205.96	403 697.46	403 188.75	402 679.81	402 170.67
2 15 00	411 830.55	411 312.45	410 794.14	410 275.60	409 756.84
2 17 30	419 455.02	418 927.33	418 399.42	417 871.27	417 342.91
2 20 00	427 079.39	426 542.10	426 004.58	425 466.84	424 928.86
2 22 30	434 703.64	434 156.76	433 609.64	433 062.28	432 514.70
2 25 00	442 327.78	441 771.29	441 214.58	440 657.62	440 100.42
2 27 30	449 951.80	449 385.72	448 819.40	448 252.83	447 686.03
2 30 00	457 575.70	457 000.02	456 424.10	455 847.93	455 271.52
2 32 30	465 199.48	464 614.21	464 028.68	463 442.91	462 856.88
2 35 00	472 823.14	472 228.26	471 633.14	471 037.76	470 442.12
2 37 30	480 446.67	479 842.20	479 237.47	478 632.48	478 027.24
2 40 00	488 070.08	487 456.00	486 841.67	486 227.08	485 612.23
2 42 30	495 693.36	495 069.68	494 445.75	493 821.55	493 197.08
2 45 00	503 316.50	502 683.23	502 049.69	501 415.88	500 781.81
2 47 30	510 939.51	510 296.64	509 653.50	509 010.08	508 366.40
2 50 00	518 562.38	517 909.92	517 257.18	516 604.15	515 950.85
2 52 30	526 185.13	525 523.06	524 860.71	524 198.08	523 535.17
2 55 00	533 807.72	533 136.06	532 464.11	531 791.87	531 119.35
2 57 30	541 430.18	540 748.92	540 067.37	539 385.52	538 703.39
3 00 00	549 052.49	548 361.63	547 670.48	546 979.02	546 287.28

Second-difference correction to x' for indicated values of h and Δλ

Δλ \ h	0" 150"	15" 135"	30" 120"	45" 105"	60" 90"	75" 75"
0°	0	0	0	0	0	0
1°	0	+.01	+.01	+.02	+.02	+.02
2°	+.01	+.02	+.02	+.03	+.03	+.03
3°	+.01	+.03	+.04	+.04	+.05	+.05

Correction for k is negligible

ALASKA – ZONES 2 TO 9
STATE PLANE COORDINATES IN FEET – Y

Δλ \ φ	60 00 00	60 02 30	60 05 00	60 07 30	60 10 00
0 00 00	2191 924.30	2207 153.35	2222 382.49	2237 611.73	2252 841.07
0 02 30	2191 926.70	2207 155.75	2222 384.89	2237 614.13	2252 843.47
0 05 00	2191 933.91	2207 162.95	2222 392.08	2237 621.32	2252 850.64
0 07 30	2191 945.92	2207 174.95	2222 404.07	2237 633.29	2252 862.62
0 10 00	2191 962.73	2207 191.75	2222 420.86	2237 650.07	2252 879.37
0 12 30	2191 984.35	2207 213.34	2222 442.43	2237 671.63	2252 900.92
0 15 00	2192 010.77	2207 239.74	2222 468.81	2237 697.98	2252 927.25
0 17 30	2192 041.99	2207 270.94	2222 499.98	2237 729.13	2252 958.37
0 20 00	2192 078.02	2207 306.94	2222 535.95	2237 765.06	2252 994.27
0 22 30	2192 118.85	2207 347.73	2222 576.72	2237 805.79	2253 034.97
0 25 00	2192 164.49	2207 393.33	2222 622.27	2237 851.31	2253 080.45
0 27 30	2192 214.93	2207 443.73	2222 672.63	2237 901.62	2253 130.72
0 30 00	2192 270.17	2207 498.92	2222 727.78	2237 956.73	2253 185.78
0 32 30	2192 330.21	2207 558.92	2222 787.72	2238 016.62	2253 245.62
0 35 00	2192 395.07	2207 623.72	2222 852.47	2238 081.31	2253 310.25
0 37 30	2192 464.72	2207 693.32	2222 922.00	2238 150.79	2253 379.67
0 40 00	2192 539.18	2207 767.71	2222 996.34	2238 225.06	2253 453.88
0 42 30	2192 618.44	2207 846.91	2223 075.47	2238 304.12	2253 532.87
0 45 00	2192 702.51	2207 930.91	2223 159.39	2238 387.98	2253 616.66
0 47 30	2192 791.38	2208 019.70	2223 248.11	2238 476.62	2253 705.23
0 50 00	2192 885.05	2208 113.30	2223 341.63	2238 570.06	2253 798.59
0 52 30	2192 983.53	2208 211.69	2223 439.94	2238 668.29	2253 896.74
0 55 00	2193 086.81	2208 314.88	2223 543.05	2238 771.31	2253 999.67
0 57 30	2193 194.90	2208 422.88	2223 650.95	2238 879.12	2254 107.39
1 00 00	2193 307.79	2208 535.67	2223 763.65	2238 991.73	2254 219.90
1 02 30	2193 425.48	2208 653.27	2223 881.15	2239 109.13	2254 337.20
1 05 00	2193 547.98	2208 775.66	2224 003.44	2239 231.32	2254 459.28
1 07 30	2193 675.28	2208 902.86	2224 130.54	2239 358.30	2254 586.16
1 10 00	2193 807.39	2209 034.86	2224 262.42	2239 490.07	2254 717.82
1 12 30	2193 944.30	2209 171.65	2224 399.10	2239 626.64	2254 854.27
1 15 00	2194 086.02	2209 313.25	2224 540.57	2239 767.99	2254 995.51
1 17 30	2194 232.53	2209 459.65	2224 686.85	2239 914.15	2255 141.53
1 20 00	2194 383.86	2209 610.84	2224 837.92	2240 065.09	2255 292.35
1 22 30	2194 539.99	2209 766.84	2224 993.78	2240 220.82	2255 447.95
1 25 00	2194 700.92	2209 927.64	2225 154.44	2240 381.35	2255 608.34
1 27 30	2194 866.66	2210 093.23	2225 319.90	2240 546.67	2255 773.52
1 30 00	2195 037.20	2210 263.63	2225 490.16	2240 716.78	2255 943.48
1 32 30	2195 212.54	2210 438.83	2225 665.21	2240 891.68	2256 118.24
1 35 00	2195 392.70	2210 618.83	2225 845.06	2241 071.37	2256 297.78
1 37 30	2195 577.65	2210 803.63	2226 029.70	2241 255.87	2256 482.11
1 40 00	2195 767.41	2210 993.23	2226 219.14	2241 445.15	2256 671.23
1 42 30	2195 961.98	2211 187.63	2226 413.38	2241 639.22	2256 865.14
1 45 00	2196 161.35	2211 386.84	2226 612.42	2241 838.08	2257 063.84
1 47 30	2196 365.52	2211 590.84	2226 816.25	2242 041.74	2257 267.33
1 50 00	2196 574.50	2211 799.64	2227 024.88	2242 250.19	2257 475.60
1 52 30	2196 788.28	2212 013.25	2227 238.30	2242 463.44	2257 688.67
1 55 00	2197 006.87	2212 231.65	2227 456.52	2242 681.48	2257 906.52
1 57 30	2197 230.26	2212 454.86	2227 679.54	2242 904.31	2258 129.16
2 00 00	2197 458.47	2212 682.87	2227 907.35	2243 131.93	2258 356.59
2 02 30	2197 691.47	2212 915.68	2228 139.97	2243 364.35	2258 588.81
2 05 00	2197 929.28	2213 153.29	2228 377.38	2243 601.56	2258 825.82
2 07 30	2198 171.90	2213 395.70	2228 619.58	2243 843.56	2259 067.61
2 10 00	2198 419.32	2213 642.91	2228 866.59	2244 090.36	2259 314.20
2 12 30	2198 671.54	2213 894.93	2229 118.39	2244 341.94	2259 565.58
2 15 00	2198 928.57	2214 151.74	2229 374.99	2244 598.33	2259 821.74
2 17 30	2199 190.41	2214 413.36	2229 636.39	2244 859.50	2260 082.70
2 20 00	2199 457.05	2214 679.78	2229 902.58	2245 125.47	2260 348.44
2 22 30	2199 728.50	2214 951.00	2230 173.58	2245 396.23	2260 618.98
2 25 00	2200 004.76	2215 227.02	2230 449.36	2245 671.79	2260 894.30
2 27 30	2200 285.82	2215 507.85	2230 729.95	2245 952.14	2261 174.41
2 30 00	2200 571.68	2215 793.47	2231 015.34	2246 237.29	2261 459.31
2 32 30	2200 862.35	2216 083.90	2231 305.52	2246 527.22	2261 749.00
2 35 00	2201 157.83	2216 379.13	2231 600.50	2246 821.96	2262 043.48
2 37 30	2201 458.12	2216 679.16	2231 900.28	2247 121.48	2262 342.76
2 40 00	2201 763.21	2216 983.99	2232 204.86	2247 425.80	2262 646.82
2 42 30	2202 073.10	2217 293.63	2232 514.24	2247 734.92	2262 955.67
2 45 00	2202 387.81	2217 608.07	2232 828.41	2248 048.82	2263 269.31
2 47 30	2202 707.32	2217 927.31	2233 147.38	2248 367.52	2263 587.74
2 50 00	2203 031.63	2218 251.35	2233 471.15	2248 691.02	2263 910.97
2 52 30	2203 360.75	2218 580.20	2233 799.72	2249 019.31	2264 238.98
2 55 00	2203 694.69	2218 913.85	2234 133.09	2249 352.40	2264 571.78
2 57 30	2204 033.42	2219 252.30	2234 471.26	2249 690.28	2264 909.37
3 00 00	2204 376.97	2219 595.56	2234 814.22	2250 032.95	2265 251.76

Second-difference correction to y for indicated value of k (for all Δλ's)

k	0" 150"	5" 145"	10" 140"	15" 135"	20" 130"	25" 125"	30" 120"	35" 115"	40" 110"	45" 105"	50" 100"	55" 95"	60" 90"	65" 85"	70" 80"	75" 75"
Correction	-.01	-.09	-.16	-.23	-.29	-.34	-.39	-.44	-.48	-.51	-.54	-.57	-.59	-.60	-.61	-.61

Correction for h is negligible

ALASKA – ZONES 2 TO 9
STATE PLANE COORDINATES IN FEET – X'

Δλ \ φ	60 10 00	60 12 30	60 15 00	60 17 30	60 20 00
0 00 00	0.00	0.00	0.00	0.00	0.00
0 02 30	7 589.07	7 579.47	7 569.85	7 560.23	7 550.61
0 05 00	15 178.15	15 158.93	15 139.70	15 120.47	15 101.22
0 07 30	22 767.21	22 738.39	22 709.54	22 680.69	22 651.83
0 10 00	30 356.27	30 317.84	30 279.38	30 240.91	30 202.43
0 12 30	37 945.33	37 897.28	37 849.22	37 801.13	37 753.02
0 15 00	45 534.37	45 476.72	45 419.04	45 361.33	45 303.60
0 17 30	53 123.40	53 056.14	52 988.84	52 921.52	52 854.17
0 20 00	60 712.42	60 635.54	60 558.64	60 481.70	60 404.72
0 22 30	68 301.42	68 214.94	68 128.42	68 041.86	67 955.26
0 25 00	75 890.41	75 794.31	75 698.18	75 602.00	75 505.78
0 27 30	83 479.37	83 373.67	83 267.92	83 162.12	83 056.28
0 30 00	91 068.31	90 952.99	90 837.63	90 722.22	90 606.76
0 32 30	98 657.22	98 532.30	98 407.32	98 282.30	98 157.22
0 35 00	106 246.12	106 111.58	105 976.99	105 842.34	105 707.64
0 37 30	113 834.98	113 690.83	113 546.63	113 402.37	113 258.04
0 40 00	121 423.81	121 270.05	121 116.24	120 962.35	120 808.41
0 42 30	129 012.61	128 849.24	128 685.81	128 522.31	128 358.74
0 45 00	136 601.37	136 428.40	136 255.35	136 082.23	135 909.04
0 47 30	144 190.10	144 007.51	143 824.86	143 642.12	143 459.31
0 50 00	151 778.79	151 586.60	151 394.32	151 201.97	151 009.53
0 52 30	159 367.43	159 165.63	158 963.75	158 761.78	158 559.72
0 55 00	166 956.04	166 744.63	166 533.13	166 321.54	166 109.86
0 57 30	174 544.60	174 323.58	174 102.46	173 881.26	173 659.95
1 00 00	182 133.12	181 902.49	181 671.76	181 440.93	181 210.01
1 02 30	189 721.58	189 481.34	189 241.00	189 000.55	188 760.01
1 05 00	197 310.00	197 060.15	196 810.19	196 560.13	196 309.96
1 07 30	204 898.36	204 638.90	204 379.33	204 119.65	203 859.85
1 10 00	212 486.67	212 217.60	211 948.41	211 679.11	211 409.70
1 12 30	220 074.92	219 796.24	219 517.44	219 238.52	218 959.48
1 15 00	227 663.12	227 374.82	227 086.41	226 797.87	226 509.21
1 17 30	235 251.25	234 953.34	234 655.31	234 357.16	234 058.87
1 20 00	242 839.32	242 531.80	242 224.16	241 916.38	241 608.48
1 22 30	250 427.32	250 110.19	249 792.94	249 475.54	249 158.01
1 25 00	258 015.25	257 688.52	257 361.64	257 034.63	256 707.48
1 27 30	265 603.13	265 266.78	264 930.29	264 593.66	264 256.88
1 30 00	273 190.92	272 844.97	272 498.86	272 152.61	271 806.21
1 32 30	280 778.65	280 423.08	280 067.36	279 711.49	279 355.47
1 35 00	288 366.30	288 001.12	287 635.78	287 270.29	286 904.65
1 37 30	295 953.87	295 579.08	295 204.13	294 829.02	294 453.75
1 40 00	303 541.36	303 156.96	302 772.40	302 387.67	302 002.78
1 42 30	311 128.78	310 734.77	310 340.58	309 946.23	309 551.72
1 45 00	318 716.11	318 312.48	317 908.68	317 504.72	317 100.58
1 47 30	326 303.35	325 890.12	325 476.70	325 063.12	324 649.35
1 50 00	333 890.51	333 467.66	333 044.63	332 621.42	332 198.04
1 52 30	341 477.58	341 045.12	340 612.47	340 179.65	339 746.64
1 55 00	349 064.55	348 622.48	348 180.22	347 737.78	347 295.14
1 57 30	356 651.44	356 199.75	355 747.87	355 295.81	354 843.55
2 00 00	364 238.23	363 776.93	363 315.43	362 853.75	362 391.87
2 02 30	371 824.92	371 354.01	370 882.90	370 411.59	369 940.08
2 05 00	379 411.51	378 930.99	378 450.26	377 969.33	377 488.20
2 07 30	386 998.00	386 507.87	386 017.52	385 526.97	385 036.21
2 10 00	394 584.39	394 084.64	393 584.68	393 084.51	392 584.13
2 12 30	402 170.67	401 661.31	401 151.73	400 641.94	400 131.93
2 15 00	409 756.84	409 237.87	408 718.67	408 199.27	407 679.63
2 17 30	417 342.91	416 814.32	416 285.51	415 756.48	415 227.22
2 20 00	424 928.86	424 390.66	423 852.23	423 313.58	422 774.70
2 22 30	432 514.70	431 966.89	431 418.84	430 870.57	430 322.06
2 25 00	440 100.42	439 543.00	438 985.33	438 427.44	437 869.30
2 27 30	447 686.03	447 118.99	446 551.71	445 984.19	445 416.43
2 30 00	455 271.52	454 694.86	454 117.96	453 540.83	452 963.44
2 32 30	462 856.88	462 270.61	461 684.10	461 097.34	460 510.33
2 35 00	470 442.12	469 846.24	469 250.10	468 653.72	468 057.09
2 37 30	478 027.24	477 421.74	476 815.99	476 209.98	475 603.72
2 40 00	485 612.23	484 997.12	484 381.74	483 766.12	483 150.22
2 42 30	493 197.08	492 572.35	491 947.37	491 322.12	490 696.60
2 45 00	500 781.81	500 147.47	499 512.86	498 877.99	498 242.84
2 47 30	508 366.40	507 722.45	507 078.21	506 433.72	505 788.95
2 50 00	515 950.85	515 297.29	514 643.44	513 989.32	513 334.92
2 52 30	523 535.17	522 871.99	522 208.52	521 544.78	520 880.75
2 55 00	531 119.35	530 446.55	529 773.46	529 100.10	528 426.45
2 57 30	538 703.39	538 020.97	537 338.27	536 655.28	535 972.00
3 00 00	546 287.28	545 595.25	544 902.92	544 210.31	543 517.40

Second-difference correction to x' for indicated values of h and Δλ

Δλ \ h	0" 150"	15" 135"	30" 120"	45" 105"	60" 90"	75" 75"
0°	0	0	0	0	0	0
1°	0	+.01	+.01	+.02	+.02	+.02
2°	+.01	+.02	+.02	+.03	+.03	+.03
3°	+.01	+.03	+.04	+.04	+.05	+.05

Correction for k is negligible

ALASKA – ZONES 2 TO 9
STATE PLANE COORDINATES IN FEET – Y

Δλ \ φ	60 10 00	60 12 30	60 15 00	60 17 30	60 20 00
0 00 00	2252 841.07	2268 070.51	2283 300.04	2298 529.67	2313 759.40
0 02 30	2252 843.47	2268 072.90	2283 302.43	2298 532.06	2313 761.79
0 05 00	2252 850.64	2268 080.08	2283 309.60	2298 539.22	2313 768.95
0 07 30	2252 862.62	2268 092.04	2283 321.55	2298 551.16	2313 780.87
0 10 00	2252 879.37	2268 108.78	2283 338.28	2298 567.88	2313 797.57
0 12 30	2252 900.92	2268 130.30	2283 359.79	2298 589.37	2313 819.04
0 15 00	2252 927.25	2268 156.61	2283 386.07	2298 615.63	2313 845.28
0 17 30	2252 958.37	2268 187.70	2283 417.14	2298 646.67	2313 876.30
0 20 00	2252 994.27	2268 223.58	2283 452.98	2298 682.48	2313 912.08
0 22 30	2253 034.97	2268 264.24	2283 493.61	2298 723.07	2313 952.64
0 25 00	2253 080.45	2268 309.68	2283 539.01	2298 768.44	2313 997.96
0 27 30	2253 130.72	2268 359.91	2283 589.20	2298 818.58	2314 048.06
0 30 00	2253 185.78	2268 414.92	2283 644.16	2298 873.50	2314 102.93
0 32 30	2253 245.62	2268 474.71	2283 703.90	2298 933.19	2314 162.57
0 35 00	2253 310.25	2268 539.29	2283 768.43	2298 997.66	2314 226.98
0 37 30	2253 379.67	2268 608.65	2283 837.73	2299 066.90	2314 296.17
0 40 00	2253 453.88	2268 682.80	2283 911.81	2299 140.92	2314 370.12
0 42 30	2253 532.87	2268 761.73	2283 990.67	2299 219.71	2314 448.84
0 45 00	2253 616.66	2268 845.44	2284 074.31	2299 303.28	2314 532.34
0 47 30	2253 705.23	2268 933.93	2284 162.73	2299 391.62	2314 620.61
0 50 00	2253 798.59	2269 027.21	2284 255.93	2299 484.74	2314 713.65
0 52 30	2253 896.74	2269 125.27	2284 353.91	2299 582.64	2314 811.46
0 55 00	2253 999.67	2269 228.12	2284 456.67	2299 685.31	2314 914.04
0 57 30	2254 107.39	2269 335.75	2284 564.20	2299 792.76	2315 021.40
1 00 00	2254 219.90	2269 448.16	2284 676.52	2299 904.98	2315 133.52
1 02 30	2254 337.20	2269 565.37	2284 793.62	2300 021.97	2315 250.42
1 05 00	2254 459.28	2269 687.35	2284 915.50	2300 143.75	2315 372.09
1 07 30	2254 586.16	2269 814.11	2285 042.16	2300 270.30	2315 498.53
1 10 00	2254 717.82	2269 945.66	2285 173.60	2300 401.62	2315 629.74
1 12 30	2254 854.27	2270 082.00	2285 309.81	2300 537.72	2315 765.73
1 15 00	2254 995.51	2270 223.11	2285 450.81	2300 678.60	2315 906.48
1 17 30	2255 141.53	2270 369.01	2285 596.59	2300 824.25	2316 052.01
1 20 00	2255 292.35	2270 519.70	2285 747.14	2300 974.68	2316 202.31
1 22 30	2255 447.95	2270 675.17	2285 902.48	2301 129.89	2316 357.38
1 25 00	2255 608.34	2270 835.43	2286 062.60	2301 289.87	2316 517.22
1 27 30	2255 773.52	2271 000.46	2286 227.49	2301 454.62	2316 681.84
1 30 00	2255 943.48	2271 170.28	2286 397.18	2301 624.16	2316 851.23
1 32 30	2256 118.24	2271 344.89	2286 571.63	2301 798.46	2317 025.38
1 35 00	2256 297.78	2271 524.29	2286 750.87	2301 977.55	2317 204.32
1 37 30	2256 482.11	2271 708.46	2286 934.89	2302 161.41	2317 388.02
1 40 00	2256 671.23	2271 897.42	2287 123.69	2302 350.04	2317 576.49
1 42 30	2256 865.14	2272 091.16	2287 317.27	2302 543.46	2317 769.74
1 45 00	2257 063.84	2272 289.69	2287 515.62	2302 741.65	2317 967.76
1 47 30	2257 267.33	2272 493.00	2287 718.76	2302 944.61	2318 170.55
1 50 00	2257 475.60	2272 701.10	2287 926.68	2303 152.36	2318 378.11
1 52 30	2257 688.67	2272 913.98	2288 139.38	2303 364.87	2318 590.45
1 55 00	2257 906.52	2273 131.65	2288 356.87	2303 582.17	2318 807.56
1 57 30	2258 129.16	2273 354.10	2288 579.13	2303 804.24	2319 029.44
2 00 00	2258 356.59	2273 581.34	2288 806.17	2304 031.09	2319 256.09
2 02 30	2258 588.81	2273 813.36	2289 037.99	2304 262.71	2319 487.52
2 05 00	2258 825.82	2274 050.17	2289 274.60	2304 499.12	2319 723.72
2 07 30	2259 067.61	2274 291.76	2289 515.98	2304 740.29	2319 964.69
2 10 00	2259 314.20	2274 538.14	2289 762.15	2304 986.25	2320 210.43
2 12 30	2259 565.58	2274 789.30	2290 013.10	2305 236.98	2320 460.95
2 15 00	2259 821.74	2275 045.25	2290 268.82	2305 492.49	2320 716.24
2 17 30	2260 082.70	2275 305.98	2290 529.34	2305 752.78	2320 976.30
2 20 00	2260 348.44	2275 571.50	2290 794.63	2306 017.84	2321 241.13
2 22 30	2260 618.98	2275 841.80	2291 064.70	2306 287.68	2321 510.74
2 25 00	2260 894.30	2276 116.88	2291 339.55	2306 562.30	2321 785.13
2 27 30	2261 174.41	2276 396.76	2291 619.19	2306 841.70	2322 064.28
2 30 00	2261 459.31	2276 681.42	2291 903.60	2307 125.87	2322 348.21
2 32 30	2261 749.00	2276 970.87	2292 192.80	2307 414.82	2322 636.91
2 35 00	2262 043.48	2277 265.10	2292 486.78	2307 708.55	2322 930.39
2 37 30	2262 342.76	2277 564.12	2292 785.54	2308 007.05	2323 228.64
2 40 00	2262 646.82	2277 867.92	2293 089.09	2308 310.34	2323 531.66
2 42 30	2262 955.67	2278 176.50	2293 397.41	2308 618.40	2323 839.46
2 45 00	2263 269.31	2278 489.88	2293 710.52	2308 931.23	2324 152.02
2 47 30	2263 587.74	2278 808.04	2294 028.41	2309 248.85	2324 469.37
2 50 00	2263 910.97	2279 130.99	2294 351.08	2309 571.25	2324 791.49
2 52 30	2264 238.98	2279 458.72	2294 678.53	2309 898.42	2325 118.38
2 55 00	2264 571.78	2279 791.24	2295 010.77	2310 230.37	2325 450.04
2 57 30	2264 909.37	2280 128.55	2295 347.79	2310 567.10	2325 786.48
3 00 00	2265 251.76	2280 470.64	2295 689.58	2310 908.60	2326 127.69

Second-difference correction to y for indicated value of k (for all Δλ's)

k	0" 150"	5" 145"	10" 140"	15" 135"	20" 130"	25" 125"	30" 120"	35" 115"	40" 110"	45" 105"	50" 100"	55" 95"	60" 90"	65" 85"	70" 80"	75" 75"
Correction	-.01	-.09	-.16	-.23	-.29	-.34	-.39	-.44	-.48	-.51	-.54	-.57	-.59	-.60	-.61	-.61

Correction for h is negligible

ALASKA – ZONES 2 TO 9
STATE PLANE COORDINATES IN FEET – X'

Δλ \ φ	60 20 00	60 22 30	60 25 00	60 27 30	60 30 00
0 00 00	0.00	0.00	0.00	0.00	0.00
0 02 30	7 550.61	7 540.99	7 531.36	7 521.72	7 512.08
0 05 00	15 101.22	15 081.97	15 062.71	15 043.44	15 024.17
0 07 30	22 651.83	22 622.95	22 594.06	22 565.16	22 536.25
0 10 00	30 202.43	30 163.92	30 125.41	30 086.87	30 048.32
0 12 30	37 753.02	37 704.89	37 656.74	37 608.57	37 560.38
0 15 00	45 303.60	45 245.85	45 188.07	45 130.27	45 072.44
0 17 30	52 854.17	52 786.79	52 719.38	52 651.94	52 584.48
0 20 00	60 404.72	60 327.72	60 250.68	60 173.61	60 096.51
0 22 30	67 955.26	67 868.63	67 781.96	67 695.26	67 608.52
0 25 00	75 505.78	75 409.52	75 313.23	75 216.89	75 120.51
0 27 30	83 056.28	82 950.40	82 844.47	82 738.50	82 632.49
0 30 00	90 606.76	90 491.25	90 375.70	90 260.09	90 144.44
0 32 30	98 157.22	98 032.08	97 906.89	97 781.65	97 656.36
0 35 00	105 707.64	105 572.88	105 438.06	105 303.19	105 168.26
0 37 30	113 258.04	113 113.65	112 969.21	112 824.70	112 680.13
0 40 00	120 808.41	120 654.39	120 500.32	120 346.18	120 191.97
0 42 30	128 358.74	128 195.10	128 031.40	127 867.62	127 703.78
0 45 00	135 909.04	135 735.78	135 562.44	135 389.03	135 215.55
0 47 30	143 459.31	143 276.42	143 093.45	142 910.40	142 727.29
0 50 00	151 009.53	150 817.01	150 624.42	150 431.74	150 238.98
0 52 30	158 559.72	158 357.57	158 155.35	157 953.03	157 750.64
0 55 00	166 109.86	165 898.09	165 686.23	165 474.28	165 262.25
0 57 30	173 659.95	173 438.56	173 217.07	172 995.49	172 773.82
1 00 00	181 210.01	180 978.98	180 747.87	180 516.65	180 285.34
1 02 30	188 760.01	188 519.36	188 278.61	188 037.76	187 796.81
1 05 00	196 309.96	196 059.68	195 809.30	195 558.82	195 308.23
1 07 30	203 859.85	203 599.95	203 339.94	203 079.82	202 819.60
1 10 00	211 409.70	211 140.17	210 870.53	210 600.78	210 330.91
1 12 30	218 959.48	218 680.33	218 401.06	218 121.67	217 842.17
1 15 00	226 509.21	226 220.43	225 931.53	225 642.50	225 353.36
1 17 30	234 058.87	233 760.47	233 461.93	233 163.27	232 864.49
1 20 00	241 608.48	241 300.44	240 992.28	240 683.99	240 375.57
1 22 30	249 158.01	248 840.35	248 522.56	248 204.63	247 886.57
1 25 00	256 707.48	256 380.20	256 052.77	255 725.21	255 397.51
1 27 30	264 256.88	263 919.97	263 582.91	263 245.71	262 908.38
1 30 00	271 806.21	271 459.67	271 112.98	270 766.15	270 419.17
1 32 30	279 355.47	278 999.30	278 642.98	278 286.51	277 929.89
1 35 00	286 904.65	286 538.86	286 172.90	285 806.80	285 440.54
1 37 30	294 453.75	294 078.33	293 702.75	293 327.01	292 951.11
1 40 00	302 002.78	301 617.73	301 232.51	300 847.14	300 461.60
1 42 30	309 551.72	309 157.04	308 762.19	308 367.18	307 972.01
1 45 00	317 100.58	316 696.27	316 291.80	315 887.15	315 482.33
1 47 30	324 649.35	324 235.42	323 821.31	323 407.03	322 992.57
1 50 00	332 198.04	331 774.48	331 350.73	330 926.82	330 502.72
1 52 30	339 746.64	339 313.45	338 880.07	338 446.52	338 012.79
1 55 00	347 295.14	346 852.32	346 409.32	345 966.12	345 522.75
1 57 30	354 843.55	354 391.11	353 938.47	353 485.64	353 032.62
2 00 00	362 391.87	361 929.79	361 467.52	361 005.06	360 542.41
2 02 30	369 940.08	369 468.38	368 996.48	368 524.37	368 052.08
2 05 00	377 488.20	377 006.87	376 525.34	376 043.59	375 561.66
2 07 30	385 036.21	384 545.25	384 054.09	383 562.71	383 071.14
2 10 00	392 584.13	392 083.54	391 582.74	391 081.73	390 580.51
2 12 30	400 131.93	399 621.71	399 111.28	398 600.64	398 089.78
2 15 00	407 679.63	407 159.79	406 639.72	406 119.43	405 598.93
2 17 30	415 227.22	414 697.74	414 168.04	413 638.12	413 107.98
2 20 00	422 774.70	422 235.59	421 696.26	421 156.70	420 616.91
2 22 30	430 322.06	429 773.32	429 224.36	428 675.16	428 125.73
2 25 00	437 869.30	437 310.94	436 752.34	436 193.50	435 634.44
2 27 30	445 416.43	444 848.44	444 280.20	443 711.73	443 143.02
2 30 00	452 963.44	452 385.82	451 807.95	451 229.84	450 651.49
2 32 30	460 510.33	459 923.07	459 335.57	458 747.82	458 159.83
2 35 00	468 057.09	467 460.20	466 863.07	466 265.68	465 668.04
2 37 30	475 603.72	474 997.21	474 390.43	473 783.41	473 176.13
2 40 00	483 150.22	482 534.08	481 917.67	481 301.01	480 684.09
2 42 30	490 696.60	490 070.82	489 444.79	488 818.48	488 191.92
2 45 00	498 242.84	497 607.43	496 971.76	496 335.82	495 699.62
2 47 30	505 788.95	505 143.91	504 498.60	503 853.02	503 207.17
2 50 00	513 334.92	512 680.25	512 025.31	511 370.09	510 714.60
2 52 30	520 880.75	520 216.45	519 551.87	518 887.01	518 221.88
2 55 00	528 426.45	527 752.52	527 078.30	526 403.80	525 729.02
2 57 30	535 972.00	535 288.43	534 604.58	533 920.44	533 236.02
3 00 00	543 517.40	542 824.20	542 130.72	541 436.95	540 742.88

Second-difference correction to x' for indicated values of h and Δλ

Δλ \ h	0" 150"	15" 135"	30" 120"	45" 105"	60" 90"	75" 75"
0°	0	0	0	0	0	0
1°	0	+.01	+.01	+.02	+.02	+.02
2°	+.01	+.02	+.02	+.03	+.03	+.03
3°	+.01	+.03	+.04	+.04	+.05	+.05

Correction for k is negligible

ALASKA – ZONES 2 TO 9
STATE PLANE COORDINATES IN FEET – Y

Δλ \ φ	60 20 00	60 22 30	60 25 00	60 27 30	60 30 00
0 00 00	2313 759.40	2328 989.23	2344 219.15	2359 449.18	2374 679.29
0 02 30	2313 761.79	2328 991.61	2344 221.54	2359 451.55	2374 681.67
0 05 00	2313 768.95	2328 998.76	2344 228.68	2359 458.69	2374 688.80
0 07 30	2313 780.87	2329 010.68	2344 240.59	2359 470.59	2374 700.69
0 10 00	2313 797.57	2329 027.37	2344 257.26	2359 487.25	2374 717.33
0 12 30	2313 819.04	2329 048.82	2344 278.69	2359 508.66	2374 738.72
0 15 00	2313 845.28	2329 075.04	2344 304.89	2359 534.83	2374 764.87
0 17 30	2313 876.30	2329 106.02	2344 335.85	2359 565.77	2374 795.78
0 20 00	2313 912.08	2329 141.78	2344 371.57	2359 601.46	2374 831.44
0 22 30	2313 952.64	2329 182.30	2344 412.05	2359 641.91	2374 871.85
0 25 00	2313 997.96	2329 227.59	2344 457.30	2359 687.12	2374 917.02
0 27 30	2314 048.06	2329 277.64	2344 507.31	2359 737.08	2374 966.95
0 30 00	2314 102.93	2329 332.46	2344 562.09	2359 791.81	2375 021.63
0 32 30	2314 162.57	2329 392.05	2344 621.62	2359 851.30	2375 081.06
0 35 00	2314 226.98	2329 456.41	2344 685.93	2359 915.55	2375 145.25
0 37 30	2314 296.17	2329 525.53	2344 754.99	2359 984.55	2375 214.20
0 40 00	2314 370.12	2329 599.42	2344 828.82	2360 058.31	2375 287.89
0 42 30	2314 448.84	2329 678.08	2344 907.41	2360 136.83	2375 366.35
0 45 00	2314 532.34	2329 761.50	2344 990.76	2360 220.12	2375 449.56
0 47 30	2314 620.61	2329 849.70	2345 078.88	2360 308.15	2375 537.52
0 50 00	2314 713.65	2329 942.66	2345 171.75	2360 400.95	2375 630.24
0 52 30	2314 811.46	2330 040.38	2345 269.40	2360 498.51	2375 727.71
0 55 00	2314 914.04	2330 142.88	2345 371.80	2360 600.83	2375 829.94
0 57 30	2315 021.40	2330 250.14	2345 478.97	2360 707.90	2375 936.92
1 00 00	2315 133.52	2330 362.17	2345 590.91	2360 819.74	2376 048.66
1 02 30	2315 250.42	2330 478.97	2345 707.60	2360 936.33	2376 165.15
1 05 00	2315 372.09	2330 600.53	2345 829.06	2361 057.69	2376 286.40
1 07 30	2315 498.53	2330 726.86	2345 955.28	2361 183.80	2376 412.41
1 10 00	2315 629.74	2330 857.96	2346 086.27	2361 314.67	2376 543.16
1 12 30	2315 765.73	2330 993.83	2346 222.02	2361 450.30	2376 678.67
1 15 00	2315 906.48	2331 134.46	2346 362.53	2361 590.69	2376 818.94
1 17 30	2316 052.01	2331 279.86	2346 507.81	2361 735.85	2376 963.97
1 20 00	2316 202.31	2331 430.04	2346 657.85	2361 885.75	2377 113.75
1 22 30	2316 357.38	2331 584.97	2346 812.65	2362 040.42	2377 268.28
1 25 00	2316 517.22	2331 744.68	2346 972.22	2362 199.85	2377 427.57
1 27 30	2316 681.84	2331 909.15	2347 136.55	2362 364.04	2377 591.62
1 30 00	2316 851.23	2332 078.39	2347 305.64	2362 532.99	2377 760.42
1 32 30	2317 025.38	2332 252.40	2347 479.50	2362 706.69	2377 933.97
1 35 00	2317 204.32	2332 431.17	2347 658.12	2362 885.16	2378 112.29
1 37 30	2317 388.02	2332 614.72	2347 841.50	2363 068.39	2378 295.35
1 40 00	2317 576.49	2332 803.03	2348 029.66	2363 256.38	2378 483.17
1 42 30	2317 769.74	2332 996.11	2348 222.57	2363 449.12	2378 675.75
1 45 00	2317 967.76	2333 193.96	2348 420.25	2363 646.63	2378 873.09
1 47 30	2318 170.55	2333 396.58	2348 622.69	2363 848.89	2379 075.18
1 50 00	2318 378.11	2333 603.96	2348 829.90	2364 055.92	2379 282.02
1 52 30	2318 590.45	2333 816.12	2349 041.86	2364 267.71	2379 493.62
1 55 00	2318 807.56	2334 033.04	2349 258.60	2364 484.25	2379 709.98
1 57 30	2319 029.44	2334 254.72	2349 480.10	2364 705.56	2379 931.09
2 00 00	2319 256.09	2334 481.18	2349 706.36	2364 931.62	2380 156.96
2 02 30	2319 487.52	2334 712.41	2349 937.38	2365 162.44	2380 387.58
2 05 00	2319 723.72	2334 948.40	2350 173.17	2365 398.03	2380 622.96
2 07 30	2319 964.69	2335 189.17	2350 413.73	2365 638.38	2380 863.11
2 10 00	2320 210.43	2335 434.70	2350 659.05	2365 883.49	2381 108.00
2 12 30	2320 460.95	2335 685.00	2350 909.13	2366 133.35	2381 357.65
2 15 00	2320 716.24	2335 940.07	2351 163.99	2366 387.98	2381 612.05
2 17 30	2320 976.30	2336 199.91	2351 423.60	2366 647.37	2381 871.22
2 20 00	2321 241.13	2336 464.52	2351 687.97	2366 911.52	2382 135.13
2 22 30	2321 510.74	2336 733.90	2351 957.12	2367 180.43	2382 403.81
2 25 00	2321 785.13	2337 008.04	2352 231.03	2367 454.10	2382 677.24
2 27 30	2322 064.28	2337 286.95	2352 509.70	2367 732.53	2382 955.43
2 30 00	2322 348.21	2337 570.64	2352 793.14	2368 015.72	2383 238.38
2 32 30	2322 636.91	2337 859.09	2353 081.34	2368 303.68	2383 526.08
2 35 00	2322 930.39	2338 152.31	2353 374.31	2368 596.39	2383 818.54
2 37 30	2323 228.64	2338 450.30	2353 672.04	2368 893.86	2384 115.75
2 40 00	2323 531.66	2338 753.07	2353 974.54	2369 196.10	2384 417.72
2 42 30	2323 839.46	2339 060.59	2354 281.81	2369 503.10	2384 724.46
2 45 00	2324 152.02	2339 372.90	2354 593.83	2369 814.86	2385 035.94
2 47 30	2324 469.37	2339 689.97	2354 910.63	2370 131.38	2385 352.19
2 50 00	2324 791.49	2340 011.80	2355 232.19	2370 452.66	2385 673.19
2 52 30	2325 118.38	2340 338.42	2355 558.52	2370 778.70	2385 998.95
2 55 00	2325 450.04	2340 669.79	2355 889.61	2371 109.51	2386 329.46
2 57 30	2325 786.48	2341 005.94	2356 225.47	2371 445.07	2386 664.74
3 00 00	2326 127.69	2341 346.86	2356 566.09	2371 785.40	2387 004.76

Second-difference correction to y for indicated value of k (for all Δλ's)

k	0" 150"	5" 145"	10" 140"	15" 135"	20" 130"	25" 125"	30" 120"	35" 115"	40" 110"	45" 105"	50" 100"	55" 95"	60" 90"	65" 85"	70" 80"	75" 75"
Correction	-.01	-.09	-.16	-.23	-.29	-.34	-.39	-.44	-.48	-.51	-.54	-.57	-.59	-.60	-.61	-.61

Correction for h is negligible

ALASKA – ZONES 2 TO 9
STATE PLANE COORDINATES IN FEET – X'

Δλ \ φ	60 30 00	60 32 30	60 35 00	60 37 30	60 40 00
0 00 00	0.00	0.00	0.00	0.00	0.00
0 02 30	7 512.08	7 502.44	7 492.80	7 483.15	7 473.50
0 05 00	15 024.17	15 004.88	14 985.59	14 966.29	14 946.98
0 07 30	22 536.25	22 507.32	22 478.38	22 449.43	22 420.47
0 10 00	30 048.32	30 009.75	29 971.17	29 932.57	29 893.95
0 12 30	37 560.38	37 512.18	37 463.95	37 415.70	37 367.43
0 15 00	45 072.44	45 014.59	44 956.71	44 898.81	44 840.89
0 17 30	52 584.48	52 516.99	52 449.47	52 381.92	52 314.34
0 20 00	60 096.51	60 019.37	59 942.21	59 865.01	59 787.78
0 22 30	67 608.52	67 521.74	67 434.93	67 348.08	67 261.20
0 25 00	75 120.51	75 024.10	74 927.64	74 831.14	74 734.60
0 27 30	82 632.49	82 526.43	82 420.32	82 314.17	82 207.98
0 30 00	90 144.44	90 028.73	89 912.98	89 797.18	89 681.34
0 32 30	97 656.36	97 531.02	97 405.62	97 280.17	97 154.67
0 35 00	105 168.26	105 033.27	104 898.23	104 763.13	104 627.98
0 37 30	112 680.13	112 535.50	112 390.82	112 246.06	112 101.26
0 40 00	120 191.97	120 037.70	119 883.37	119 728.96	119 574.50
0 42 30	127 703.78	127 539.86	127 375.88	127 211.83	127 047.72
0 45 00	135 215.55	135 042.00	134 868.37	134 694.66	134 520.90
0 47 30	142 727.29	142 544.09	142 360.81	142 177.46	141 994.04
0 50 00	150 238.98	150 046.14	149 853.22	149 660.22	149 467.14
0 52 30	157 750.64	157 548.16	157 345.59	157 142.94	156 940.20
0 55 00	165 262.25	165 050.13	164 837.92	164 625.61	164 413.22
0 57 30	172 773.82	172 552.05	172 330.19	172 108.24	171 886.20
1 00 00	180 285.34	180 053.93	179 822.42	179 590.82	179 359.13
1 02 30	187 796.81	187 555.76	187 314.61	187 073.36	186 832.00
1 05 00	195 308.23	195 057.54	194 806.74	194 555.83	194 304.83
1 07 30	202 819.60	202 559.26	202 298.81	202 038.26	201 777.60
1 10 00	210 330.91	210 060.93	209 790.84	209 520.63	209 250.32
1 12 30	217 842.17	217 562.54	217 282.80	217 002.95	216 722.98
1 15 00	225 353.36	225 064.10	224 774.71	224 485.20	224 195.58
1 17 30	232 864.49	232 565.58	232 266.56	231 967.40	231 668.12
1 20 00	240 375.57	240 067.02	239 758.34	239 449.53	239 140.59
1 22 30	247 886.57	247 568.37	247 250.05	246 931.59	246 613.00
1 25 00	255 397.51	255 069.67	254 741.70	254 413.59	254 085.34
1 27 30	262 908.38	262 570.90	262 233.27	261 895.51	261 557.61
1 30 00	270 419.17	270 072.05	269 724.78	269 377.37	269 029.81
1 32 30	277 929.89	277 573.13	277 216.21	276 859.15	276 501.94
1 35 00	285 440.54	285 074.13	284 707.57	284 340.86	283 973.99
1 37 30	292 951.11	292 575.06	292 198.85	291 822.48	291 445.96
1 40 00	300 461.60	300 075.91	299 690.05	299 304.03	298 917.85
1 42 30	307 972.01	307 576.67	307 181.16	306 785.49	306 389.66
1 45 00	315 482.33	315 077.35	314 672.20	314 266.87	313 861.38
1 47 30	322 992.57	322 577.94	322 163.14	321 748.17	321 333.02
1 50 00	330 502.72	330 078.45	329 654.00	329 229.37	328 804.57
1 52 30	338 012.79	337 578.87	337 144.77	336 710.49	336 276.03
1 55 00	345 522.75	345 079.19	344 635.44	344 191.51	343 747.40
1 57 30	353 032.62	352 579.42	352 126.02	351 672.44	351 218.67
2 00 00	360 542.41	360 079.56	359 616.51	359 153.27	358 689.85
2 02 30	368 052.08	367 579.59	367 106.89	366 634.00	366 160.92
2 05 00	375 561.66	375 079.52	374 597.18	374 114.64	373 631.90
2 07 30	383 071.14	382 579.35	382 087.37	381 595.17	381 102.78
2 10 00	390 580.51	390 079.08	389 577.44	389 075.60	388 573.55
2 12 30	398 089.78	397 578.71	397 067.41	396 555.92	396 044.21
2 15 00	405 598.93	405 078.22	404 557.28	404 036.12	403 514.76
2 17 30	413 107.98	412 577.61	412 047.03	411 516.22	410 985.20
2 20 00	420 616.91	420 076.91	419 536.67	418 996.21	418 455.53
2 22 30	428 125.73	427 576.08	427 026.20	426 476.08	425 925.74
2 25 00	435 634.44	435 075.13	434 515.60	433 955.83	433 395.84
2 27 30	443 143.02	442 574.08	442 004.89	441 435.47	440 865.82
2 30 00	450 651.49	450 072.89	449 494.06	448 914.98	448 335.67
2 32 30	458 159.83	457 571.59	456 983.11	456 394.38	455 805.41
2 35 00	465 668.04	465 070.16	464 472.02	463 873.64	463 275.02
2 37 30	473 176.13	472 568.60	471 960.81	471 352.78	470 744.49
2 40 00	480 684.09	480 066.91	479 449.48	478 831.79	478 213.84
2 42 30	488 191.92	487 565.09	486 938.01	486 310.66	485 683.06
2 45 00	495 699.62	495 063.14	494 426.41	493 789.41	493 152.15
2 47 30	503 207.17	502 561.06	501 914.67	501 268.01	500 621.10
2 50 00	510 714.60	510 058.83	509 402.79	508 746.48	508 089.91
2 52 30	518 221.88	517 556.47	516 890.78	516 224.81	515 558.58
2 55 00	525 729.02	525 053.97	524 378.62	523 703.00	523 027.10
2 57 30	533 236.02	532 551.31	531 866.32	531 181.05	530 495.49
3 00 00	540 742.88	540 048.53	539 353.88	538 658.95	537 963.73

Second-difference correction to x' for indicated values of h and Δλ

Δλ \ h	0" 150"	15" 135"	30" 120"	45" 105"	60" 90"	75" 75"
0°	0	0	0	0	0	0
1°	0	+.01	+.01	+.02	+.02	+.02
2°	+.01	+.02	+.02	+.03	+.03	+.03
3°	+.01	+.03	+.04	+.04	+.05	+.05

Correction for k is negligible

ALASKA – ZONES 2 TO 9
STATE PLANE COORDINATES IN FEET – Y

Δλ \ φ	60 30 00	60 32 30	60 35 00	60 37 30	60 40 00
0 00 00	2374 679.29	2389 909.50	2405 139.82	2420 370.22	2435 600.73
0 02 30	2374 681.67	2389 911.88	2405 142.19	2420 372.60	2435 603.09
0 05 00	2374 688.80	2389 919.01	2405 149.31	2420 379.71	2435 610.20
0 07 30	2374 700.69	2389 930.88	2405 161.17	2420 391.56	2435 622.05
0 10 00	2374 717.33	2389 947.51	2405 177.79	2420 408.16	2435 638.63
0 12 30	2374 738.72	2389 968.89	2405 199.15	2420 429.50	2435 659.95
0 15 00	2374 764.87	2389 995.01	2405 225.25	2420 455.59	2435 686.01
0 17 30	2374 795.78	2390 025.89	2405 256.10	2420 486.41	2435 716.81
0 20 00	2374 831.44	2390 061.52	2405 291.70	2420 521.98	2435 752.34
0 22 30	2374 871.85	2390 101.90	2405 332.04	2420 562.28	2435 792.62
0 25 00	2374 917.02	2390 147.03	2405 377.13	2420 607.34	2435 837.63
0 27 30	2374 966.95	2390 196.91	2405 426.97	2420 657.13	2435 887.38
0 30 00	2375 021.63	2390 251.54	2405 481.56	2420 711.66	2435 941.86
0 32 30	2375 081.06	2390 310.93	2405 540.88	2420 770.94	2436 001.09
0 35 00	2375 145.25	2390 375.06	2405 604.97	2420 834.96	2436 065.06
0 37 30	2375 214.20	2390 443.95	2405 673.79	2420 903.73	2436 133.76
0 40 00	2375 287.89	2390 517.58	2405 747.36	2420 977.23	2436 207.20
0 42 30	2375 366.35	2390 595.96	2405 825.67	2421 055.48	2436 285.38
0 45 00	2375 449.56	2390 679.10	2405 908.74	2421 138.47	2436 368.29
0 47 30	2375 537.52	2390 766.99	2405 996.55	2421 226.20	2436 455.95
0 50 00	2375 630.24	2390 859.62	2406 089.10	2421 318.67	2436 548.34
0 52 30	2375 727.71	2390 957.01	2406 186.40	2421 415.90	2436 645.47
0 55 00	2375 829.94	2391 059.15	2406 288.45	2421 517.85	2436 747.34
0 57 30	2375 936.92	2391 166.04	2406 395.25	2421 624.56	2436 853.95
1 00 00	2376 048.66	2391 277.68	2406 506.79	2421 736.00	2436 965.30
1 02 30	2376 165.15	2391 394.07	2406 623.08	2421 852.19	2437 081.38
1 05 00	2376 286.40	2391 515.21	2406 744.12	2421 973.12	2437 202.20
1 07 30	2376 412.41	2391 641.11	2406 869.90	2422 098.79	2437 327.77
1 10 00	2376 543.16	2391 771.75	2407 000.43	2422 229.21	2437 458.07
1 12 30	2376 678.67	2391 907.15	2407 135.71	2422 364.36	2437 593.10
1 15 00	2376 818.94	2392 047.29	2407 275.73	2422 504.27	2437 732.88
1 17 30	2376 963.97	2392 192.19	2407 420.50	2422 648.90	2437 877.40
1 20 00	2377 113.75	2392 341.84	2407 570.02	2422 798.29	2438 026.65
1 22 30	2377 268.28	2392 496.24	2407 724.28	2422 952.42	2438 180.65
1 25 00	2377 427.57	2392 655.39	2407 883.29	2423 111.29	2438 339.38
1 27 30	2377 591.62	2392 819.29	2408 047.05	2423 274.90	2438 502.85
1 30 00	2377 760.42	2392 987.94	2408 215.56	2423 443.26	2438 671.05
1 32 30	2377 933.97	2393 161.35	2408 388.81	2423 616.36	2438 844.00
1 35 00	2378 112.29	2393 339.50	2408 566.81	2423 794.21	2439 021.69
1 37 30	2378 295.35	2393 522.41	2408 749.56	2423 976.79	2439 204.11
1 40 00	2378 483.17	2393 710.07	2408 937.05	2424 164.12	2439 391.28
1 42 30	2378 675.75	2393 902.48	2409 129.29	2424 356.19	2439 583.18
1 45 00	2378 873.09	2394 099.64	2409 326.28	2424 553.01	2439 779.82
1 47 30	2379 075.18	2394 301.55	2409 528.02	2424 754.57	2439 981.20
1 50 00	2379 282.02	2394 508.22	2409 734.50	2424 960.87	2440 187.32
1 52 30	2379 493.62	2394 719.64	2409 945.73	2425 171.91	2440 398.18
1 55 00	2379 709.98	2394 935.80	2410 161.71	2425 387.70	2440 613.78
1 57 30	2379 931.09	2395 156.72	2410 382.44	2425 608.24	2440 834.12
2 00 00	2380 156.96	2395 382.39	2410 607.91	2425 833.51	2441 059.20
2 02 30	2380 387.58	2395 612.82	2410 838.13	2426 063.53	2441 289.01
2 05 00	2380 622.96	2395 847.99	2411 073.10	2426 298.30	2441 523.57
2 07 30	2380 863.11	2396 087.92	2411 312.82	2426 537.80	2441 762.86
2 10 00	2381 108.00	2396 332.60	2411 557.28	2426 782.05	2442 006.90
2 12 30	2381 357.65	2396 582.03	2411 806.50	2427 031.04	2442 255.67
2 15 00	2381 612.05	2396 836.22	2412 060.45	2427 284.78	2442 509.18
2 17 30	2381 871.22	2397 095.15	2412 319.17	2427 543.26	2442 767.44
2 20 00	2382 135.13	2397 358.84	2412 582.62	2427 806.49	2443 030.43
2 22 30	2382 403.81	2397 627.28	2412 850.83	2428 074.46	2443 298.16
2 25 00	2382 677.24	2397 900.47	2413 123.78	2428 347.17	2443 570.64
2 27 30	2382 955.43	2398 178.42	2413 401.48	2428 624.63	2443 847.85
2 30 00	2383 238.38	2398 461.11	2413 683.93	2428 906.83	2444 129.80
2 32 30	2383 526.08	2398 748.57	2413 971.13	2429 193.78	2444 416.50
2 35 00	2383 818.54	2399 040.77	2414 263.08	2429 485.47	2444 707.93
2 37 30	2384 115.75	2399 337.73	2414 559.77	2429 781.90	2445 004.10
2 40 00	2384 417.72	2399 639.44	2414 861.22	2430 083.08	2445 305.01
2 42 30	2384 724.46	2399 945.90	2415 167.41	2430 389.00	2445 610.67
2 45 00	2385 035.94	2400 257.11	2415 478.35	2430 699.67	2445 921.06
2 47 30	2385 352.19	2400 573.08	2415 794.04	2431 015.09	2446 236.20
2 50 00	2385 673.19	2400 893.80	2416 114.48	2431 335.24	2446 556.07
2 52 30	2385 998.95	2401 219.28	2416 439.67	2431 660.14	2446 880.68
2 55 00	2386 329.46	2401 549.50	2416 769.61	2431 989.79	2447 210.04
2 57 30	2386 664.74	2401 884.48	2417 104.29	2432 324.18	2447 544.14
3 00 00	2387 004.76	2402 224.21	2417 443.73	2432 663.32	2447 882.97

Second-difference correction to y for indicated value of k (for all Δλ's).

k	0" 150"	5" 145"	10" 140"	15" 135"	20" 130"	25" 125"	30" 120"	35" 115"	40" 110"	45" 105"	50" 100"	55" 95"	60" 90"	65" 85"	70" 80"	75" 75"
Correction	-.01	-.08	-.15	-.22	-.28	-.34	-.39	-.43	-.47	-.50	-.53	-.55	-.57	-.59	-.60	-.60

Correction for h is negligible

ALASKA – ZONES 2 TO 9
STATE PLANE COORDINATES IN FEET – X'

Δλ \ φ	60 40 00	60 42 30	60 45 00	60 47 30	60 50 00
0 00 00	0.00	0.00	0.00	0.00	0.00
0 02 30	7 473.50	7 463.84	7 454.17	7 444.51	7 434.84
0 05 00	14 946.98	14 927.67	14 908.35	14 889.01	14 869.67
0 07 30	22 420.47	22 391.50	22 362.51	22 333.52	22 304.51
0 10 00	29 893.95	29 855.32	29 816.68	29 778.01	29 739.33
0 12 30	37 367.43	37 319.14	37 270.83	37 222.50	37 174.15
0 15 00	44 840.89	44 782.94	44 724.97	44 666.97	44 608.96
0 17 30	52 314.34	52 246.74	52 179.10	52 111.44	52 043.75
0 20 00	59 787.78	59 710.51	59 633.22	59 555.89	59 478.53
0 22 30	67 261.20	67 174.28	67 087.32	67 000.33	66 913.30
0 25 00	74 734.60	74 638.02	74 541.40	74 444.74	74 348.04
0 27 30	82 207.98	82 101.74	81 995.46	81 889.14	81 782.77
0 30 00	89 681.34	89 565.44	89 449.50	89 333.51	89 217.47
0 32 30	97 154.67	97 029.12	96 903.51	96 777.85	96 652.15
0 35 00	104 627.98	104 492.76	104 357.50	104 222.18	104 086.80
0 37 30	112 101.26	111 956.38	111 811.46	111 666.47	111 521.42
0 40 00	119 574.50	119 419.97	119 265.38	119 110.73	118 956.01
0 42 30	127 047.72	126 883.53	126 719.28	126 554.96	126 390.57
0 45 00	134 520.90	134 347.05	134 173.14	133 999.15	133 825.09
0 47 30	141 994.04	141 810.54	141 626.96	141 443.30	141 259.57
0 50 00	149 467.14	149 273.98	149 080.75	148 887.42	148 694.02
0 52 30	156 940.20	156 737.39	156 534.48	156 331.50	156 128.43
0 55 00	164 413.22	164 200.75	163 988.18	163 775.53	163 562.79
0 57 30	171 886.20	171 664.06	171 441.84	171 219.51	170 997.11
1 00 00	179 359.13	179 127.33	178 895.44	178 663.45	178 431.37
1 02 30	186 832.00	186 590.55	186 349.00	186 107.35	185 865.59
1 05 00	194 304.83	194 053.72	193 802.50	193 551.18	193 299.76
1 07 30	201 777.60	201 516.83	201 255.96	200 994.97	200 733.88
1 10 00	209 250.32	208 979.89	208 709.35	208 438.70	208 167.93
1 12 30	216 722.98	216 442.89	216 162.69	215 882.37	215 601.93
1 15 00	224 195.58	223 905.83	223 615.97	223 325.98	223 035.88
1 17 30	231 668.12	231 368.71	231 069.18	230 769.53	230 469.75
1 20 00	239 140.59	238 831.53	238 522.34	238 213.02	237 903.57
1 22 30	246 613.00	246 294.28	245 975.42	245 656.43	245 337.32
1 25 00	254 085.34	253 756.96	253 428.44	253 099.79	252 771.00
1 27 30	261 557.61	261 219.57	260 881.39	260 543.07	260 204.61
1 30 00	269 029.81	268 682.11	268 334.27	267 986.28	267 638.15
1 32 30	276 501.94	276 144.58	275 787.07	275 429.41	275 071.61
1 35 00	283 973.99	283 606.97	283 239.80	282 872.47	282 505.00
1 37 30	291 445.96	291 069.28	290 692.45	290 315.46	289 938.31
1 40 00	298 917.85	298 531.51	298 145.01	297 758.35	297 371.54
1 42 30	306 389.66	305 993.66	305 597.50	305 201.17	304 804.69
1 45 00	313 861.38	313 455.72	313 049.90	312 643.91	312 237.74
1 47 30	321 333.02	320 917.70	320 502.22	320 086.55	319 670.72
1 50 00	328 804.57	328 379.60	327 954.44	327 529.11	327 103.61
1 52 30	336 276.03	335 841.40	335 406.58	334 971.58	334 536.40
1 55 00	343 747.40	343 303.10	342 858.62	342 413.95	341 969.10
1 57 30	351 218.67	350 764.71	350 310.57	349 856.23	349 401.71
2 00 00	358 689.85	358 226.23	357 762.42	357 298.42	356 834.22
2 02 30	366 160.92	365 687.64	365 214.17	364 740.50	364 266.63
2 05 00	373 631.90	373 148.96	372 665.82	372 182.48	371 698.94
2 07 30	381 102.78	380 610.18	380 117.37	379 624.36	379 131.15
2 10 00	388 573.55	388 071.28	387 568.81	387 066.14	386 563.25
2 12 30	396 044.21	395 532.29	395 020.15	394 507.81	393 995.25
2 15 00	403 514.76	402 993.18	402 471.38	401 949.36	401 427.13
2 17 30	410 985.20	410 453.96	409 922.49	409 390.81	408 858.91
2 20 00	418 455.53	417 914.62	417 373.50	416 832.14	416 290.56
2 22 30	425 925.74	425 375.18	424 824.38	424 273.35	423 722.11
2 25 00	433 395.84	432 835.61	432 275.16	431 714.46	431 153.53
2 27 30	440 865.82	440 295.93	439 725.80	439 155.44	438 584.84
2 30 00	448 335.67	447 756.12	447 176.33	446 596.30	446 016.03
2 32 30	455 805.41	455 216.19	454 626.73	454 037.03	453 447.09
2 35 00	463 275.02	462 676.13	462 077.01	461 477.64	460 878.02
2 37 30	470 744.49	470 135.95	469 527.16	468 918.12	468 308.83
2 40 00	478 213.84	477 595.64	476 977.19	476 358.47	475 739.50
2 42 30	485 683.06	485 055.20	484 427.08	483 798.69	483 170.05
2 45 00	493 152.15	492 514.62	491 876.83	491 238.77	490 600.46
2 47 30	500 621.10	499 973.90	499 326.45	498 678.72	498 030.73
2 50 00	508 089.91	507 433.05	506 775.93	506 118.53	505 460.87
2 52 30	515 558.58	514 892.06	514 225.27	513 558.20	512 890.86
2 55 00	523 027.10	522 350.93	521 674.47	520 997.73	520 320.71
2 57 30	530 495.49	529 809.65	529 123.53	528 437.11	527 750.42
3 00 00	537 963.73	537 268.22	536 572.43	535 876.35	535 179.98

Second-difference correction to x' for indicated values of h and Δλ

Δλ \ h	0" 150"	15" 135"	30" 120"	45" 105"	60" 90"	75" 75"
0°	0	0	0	0	0	0
1°	0	+.01	+.01	+.02	+.02	+.02
2°	+.01	+.02	+.02	+.03	+.03	+.03
3°	+.01	+.03	+.04	+.04	+.05	+.05

Correction for k is negligible

ALASKA – ZONES 2 TO 9
STATE PLANE COORDINATES IN FEET – Y

Δλ \ φ	60 40 00	60 42 30	60 45 00	60 47 30	60 50 00
0 00 00	2435 600.73	2450 831.33	2466 062.03	2481 292.82	2496 523.71
0 02 30	2435 603.09	2450 833.69	2466 064.40	2481 295.18	2496 526.07
0 05 00	2435 610.20	2450 840.80	2466 071.49	2481 302.27	2496 533.15
0 07 30	2435 622.05	2450 852.63	2466 083.31	2481 314.09	2496 544.95
0 10 00	2435 638.63	2450 869.20	2466 099.87	2481 330.63	2496 561.48
0 12 30	2435 659.95	2450 890.50	2466 121.15	2481 351.89	2496 582.72
0 15 00	2435 686.01	2450 916.54	2466 147.16	2481 377.88	2496 608.69
0 17 30	2435 716.81	2450 947.31	2466 177.91	2481 408.60	2496 639.38
0 20 00	2435 752.34	2450 982.81	2466 213.38	2481 444.04	2496 674.79
0 22 30	2435 792.62	2451 023.05	2466 253.58	2481 484.20	2496 714.92
0 25 00	2435 837.63	2451 068.02	2466 298.51	2481 529.10	2496 759.77
0 27 30	2435 887.38	2451 117.73	2466 348.17	2481 578.71	2496 809.34
0 30 00	2435 941.86	2451 172.16	2466 402.56	2481 633.05	2496 863.63
0 32 30	2436 001.09	2451 231.34	2466 461.68	2481 692.12	2496 922.65
0 35 00	2436 065.06	2451 295.25	2466 525.54	2481 755.92	2496 986.39
0 37 30	2436 133.76	2451 363.89	2466 594.12	2481 824.44	2497 054.85
0 40 00	2436 207.20	2451 437.27	2466 667.43	2481 897.68	2497 128.03
0 42 30	2436 285.38	2451 515.37	2466 745.47	2481 975.65	2497 205.93
0 45 00	2436 368.29	2451 598.22	2466 828.24	2482 058.35	2497 288.55
0 47 30	2436 455.95	2451 685.80	2466 915.74	2482 145.77	2497 375.89
0 50 00	2436 548.34	2451 778.10	2467 007.97	2482 237.92	2497 467.96
0 52 30	2436 645.47	2451 875.15	2467 104.93	2482 334.79	2497 564.75
0 55 00	2436 747.34	2451 976.93	2467 206.61	2482 436.39	2497 666.25
0 57 30	2436 853.95	2452 083.45	2467 313.03	2482 542.72	2497 772.48
1 00 00	2436 965.30	2452 194.70	2467 424.19	2482 653.76	2497 883.44
1 02 30	2437 081.38	2452 310.67	2467 540.06	2482 769.54	2497 999.10
1 05 00	2437 202.20	2452 431.39	2467 660.67	2482 890.04	2498 119.50
1 07 30	2437 327.77	2452 556.84	2467 786.01	2483 015.27	2498 244.62
1 10 00	2437 458.07	2452 687.03	2467 916.08	2483 145.22	2498 374.45
1 12 30	2437 593.10	2452 821.94	2468 050.88	2483 279.90	2498 509.01
1 15 00	2437 732.88	2452 961.60	2468 190.41	2483 419.31	2498 648.29
1 17 30	2437 877.40	2453 105.99	2468 334.67	2483 563.44	2498 792.30
1 20 00	2438 026.65	2453 255.11	2468 483.66	2483 712.29	2498 941.02
1 22 30	2438 180.65	2453 408.97	2468 637.38	2483 865.88	2499 094.46
1 25 00	2438 339.38	2453 567.56	2468 795.83	2484 024.19	2499 252.63
1 27 30	2438 502.85	2453 730.88	2468 959.01	2484 187.22	2499 415.52
1 30 00	2438 671.05	2453 898.94	2469 126.92	2484 354.99	2499 583.13
1 32 30	2438 844.00	2454 071.74	2469 299.56	2484 527.47	2499 755.47
1 35 00	2439 021.69	2454 249.26	2469 476.93	2484 704.69	2499 932.52
1 37 30	2439 204.11	2454 431.53	2469 659.03	2484 886.62	2500 114.30
1 40 00	2439 391.28	2454 618.53	2469 845.87	2485 073.29	2500 300.80
1 42 30	2439 583.18	2454 810.26	2470 037.43	2485 264.68	2500 492.02
1 45 00	2439 779.82	2455 006.73	2470 233.72	2485 460.80	2500 687.96
1 47 30	2439 981.20	2455 207.93	2470 434.75	2485 661.65	2500 888.63
1 50 00	2440 187.32	2455 413.87	2470 640.50	2485 867.22	2501 094.02
1 52 30	2440 398.18	2455 624.54	2470 850.99	2486 077.51	2501 304.13
1 55 00	2440 613.78	2455 839.95	2471 066.20	2486 292.54	2501 518.96
1 57 30	2440 834.12	2456 060.09	2471 286.15	2486 512.29	2501 738.51
2 00 00	2441 059.20	2456 284.97	2471 510.83	2486 736.77	2501 962.79
2 02 30	2441 289.01	2456 514.58	2471 740.24	2486 965.97	2502 191.79
2 05 00	2441 523.57	2456 748.93	2471 974.38	2487 199.91	2502 425.51
2 07 30	2441 762.86	2456 988.02	2472 213.25	2487 438.56	2502 663.95
2 10 00	2442 006.90	2457 231.83	2472 456.85	2487 681.95	2502 907.12
2 12 30	2442 255.67	2457 480.38	2472 705.18	2487 930.06	2503 155.01
2 15 00	2442 509.18	2457 733.67	2472 958.25	2488 182.90	2503 407.62
2 17 30	2442 767.44	2457 991.70	2473 216.04	2488 440.47	2503 664.96
2 20 00	2443 030.43	2458 254.46	2473 478.57	2488 702.76	2503 927.02
2 22 30	2443 298.16	2458 521.95	2473 745.83	2488 969.78	2504 193.80
2 25 00	2443 570.64	2458 794.19	2474 017.82	2489 241.52	2504 465.31
2 27 30	2443 847.85	2459 071.15	2474 294.54	2489 518.00	2504 741.53
2 30 00	2444 129.80	2459 352.86	2474 575.99	2489 799.20	2505 022.48
2 32 30	2444 416.50	2459 639.29	2474 862.18	2490 085.13	2505 308.16
2 35 00	2444 707.93	2459 930.47	2475 153.09	2490 375.79	2505 598.55
2 37 30	2445 004.10	2460 226.38	2475 448.74	2490 671.17	2505 893.67
2 40 00	2445 305.01	2460 527.02	2475 749.12	2490 971.28	2506 193.51
2 42 30	2445 610.67	2460 832.41	2476 054.23	2491 276.12	2506 498.08
2 45 00	2445 921.06	2461 142.53	2476 364.07	2491 585.69	2506 807.37
2 47 30	2446 236.20	2461 457.38	2476 678.65	2491 899.98	2507 121.38
2 50 00	2446 556.07	2461 776.98	2476 997.96	2492 219.00	2507 440.12
2 52 30	2446 880.68	2462 101.30	2477 321.99	2492 542.75	2507 763.58
2 55 00	2447 210.04	2462 430.36	2477 650.77	2492 871.23	2508 091.77
2 57 30	2447 544.14	2462 764.17	2477 984.27	2493 204.44	2508 424.67
3 00 00	2447 882.97	2463 102.70	2478 322.51	2493 542.37	2508 762.31

Second-difference correction to y for indicated value of k (for all Δλ's)

k	0" 150"	5" 145"	10" 140"	15" 135"	20" 130"	25" 125"	30" 120"	35" 115"	40" 110"	45" 105"	50" 100"	55" 95"	60" 90"	65" 85"	70" 80"	75" 75"
Correction	-.01	-.08	-.15	-.22	-.28	-.34	-.39	-.43	-.47	-.50	-.53	-.55	-.57	-.59	-.60	-.60

Correction for h is negligible

ALASKA – ZONES 2 TO 9
STATE PLANE COORDINATES IN FEET – X'

Δλ \ φ	60 50 00	60 52 30	60 55 00	60 57 30	61 00 00
0 00 00	0.00	0.00	0.00	0.00	0.00
0 02 30	7 434.84	7 425.17	7 415.49	7 405.81	7 396.12
0 05 00	14 869.67	14 850.32	14 830.97	14 811.61	14 792.23
0 07 30	22 304.51	22 275.48	22 246.45	22 217.41	22 188.35
0 10 00	29 739.33	29 700.64	29 661.93	29 623.20	29 584.46
0 12 30	37 174.15	37 125.78	37 077.39	37 028.98	36 980.55
0 15 00	44 608.96	44 550.91	44 492.85	44 434.76	44 376.64
0 17 30	52 043.75	51 976.03	51 908.29	51 840.52	51 772.72
0 20 00	59 478.53	59 401.14	59 323.72	59 246.26	59 168.78
0 22 30	66 913.30	66 826.23	66 739.13	66 651.99	66 564.82
0 25 00	74 348.04	74 251.30	74 154.52	74 057.71	73 960.85
0 27 30	81 782.77	81 676.35	81 569.90	81 463.40	81 356.85
0 30 00	89 217.47	89 101.38	88 985.25	88 869.06	88 752.83
0 32 30	96 652.15	96 526.39	96 400.57	96 274.71	96 148.79
0 35 00	104 086.80	103 951.36	103 815.87	103 680.33	103 544.72
0 37 30	111 521.42	111 376.31	111 231.14	111 085.91	110 940.62
0 40 00	118 956.01	118 801.23	118 646.38	118 491.47	118 336.50
0 42 30	126 390.57	126 226.11	126 061.59	125 897.00	125 732.33
0 45 00	133 825.09	133 650.96	133 476.76	133 302.48	133 128.13
0 47 30	141 259.57	141 075.77	140 891.89	140 707.93	140 523.90
0 50 00	148 694.02	148 500.54	148 306.98	148 113.35	147 919.63
0 52 30	156 128.43	155 925.27	155 722.04	155 518.72	155 315.31
0 55 00	163 562.79	163 349.96	163 137.05	162 924.04	162 710.95
0 57 30	170 997.11	170 774.60	170 552.01	170 329.32	170 106.55
1 00 00	178 431.37	178 199.20	177 966.92	177 734.56	177 502.09
1 02 30	185 865.59	185 623.74	185 381.79	185 139.74	184 897.59
1 05 00	193 299.76	193 048.23	192 796.60	192 544.87	192 293.04
1 07 30	200 733.88	200 472.67	200 211.36	199 949.95	199 688.43
1 10 00	208 167.93	207 897.06	207 626.07	207 354.98	207 083.76
1 12 30	215 601.93	215 321.38	215 040.72	214 759.94	214 479.04
1 15 00	223 035.88	222 745.65	222 455.31	222 164.84	221 874.26
1 17 30	230 469.75	230 169.85	229 869.83	229 569.69	229 269.41
1 20 00	237 903.57	237 594.00	237 284.29	236 974.47	236 664.51
1 22 30	245 337.32	245 018.07	244 698.69	244 379.18	244 059.53
1 25 00	252 771.00	252 442.07	252 113.01	251 783.82	251 454.48
1 27 30	260 204.61	259 866.01	259 527.27	259 188.39	258 849.37
1 30 00	267 638.15	267 289.87	266 941.45	266 592.89	266 244.19
1 32 30	275 071.61	274 713.66	274 355.56	273 997.32	273 638.93
1 35 00	282 505.00	282 137.37	281 769.60	281 401.67	281 033.59
1 37 30	289 938.31	289 561.01	289 183.55	288 805.94	288 428.18
1 40 00	297 371.54	296 984.56	296 597.43	296 210.13	295 822.68
1 42 30	304 804.69	304 408.03	304 011.22	303 614.24	303 217.10
1 45 00	312 237.74	311 831.42	311 424.92	311 018.26	310 611.43
1 47 30	319 670.72	319 254.72	318 838.54	318 422.20	318 005.68
1 50 00	327 103.61	326 677.93	326 252.07	325 826.04	325 399.84
1 52 30	334 536.40	334 101.04	333 665.51	333 229.80	332 793.91
1 55 00	341 969.10	341 524.07	341 078.86	340 633.46	340 187.88
1 57 30	349 401.71	348 947.00	348 492.11	348 037.03	347 581.76
2 00 00	356 834.22	356 369.84	355 905.27	355 440.50	354 975.54
2 02 30	364 266.63	363 792.57	363 318.32	362 843.87	362 369.22
2 05 00	371 698.94	371 215.21	370 731.27	370 247.14	369 762.81
2 07 30	379 131.15	378 637.74	378 144.12	377 650.30	377 156.28
2 10 00	386 563.25	386 060.16	385 556.87	385 053.36	384 549.65
2 12 30	393 995.25	393 482.48	392 969.50	392 456.31	391 942.92
2 15 00	401 427.13	400 904.69	400 382.03	399 859.16	399 336.07
2 17 30	408 858.91	408 326.78	407 794.45	407 261.89	406 729.11
2 20 00	416 290.56	415 748.76	415 206.75	414 664.51	414 122.04
2 22 30	423 722.11	423 170.63	422 618.93	422 067.00	421 514.85
2 25 00	431 153.53	430 592.38	430 031.00	429 469.39	428 907.54
2 27 30	438 584.84	438 014.01	437 442.95	436 871.65	436 300.11
2 30 00	446 016.03	445 435.52	444 854.77	444 273.79	443 692.56
2 32 30	453 447.09	452 856.90	452 266.47	451 675.81	451 084.89
2 35 00	460 878.02	460 278.16	459 678.05	459 077.69	458 477.09
2 37 30	468 308.83	467 699.28	467 089.49	466 479.45	465 869.16
2 40 00	475 739.50	475 120.28	474 500.81	473 881.09	473 261.10
2 42 30	483 170.05	482 541.15	481 912.00	481 282.58	480 652.91
2 45 00	490 600.46	489 961.88	489 323.04	488 683.94	488 044.58
2 47 30	498 030.73	497 382.47	496 733.96	496 085.17	495 436.12
2 50 00	505 460.87	504 802.93	504 144.73	503 486.26	502 827.51
2 52 30	512 890.86	512 223.25	511 555.36	510 887.20	510 218.77
2 55 00	520 320.71	519 643.42	518 965.86	518 288.01	517 609.88
2 57 30	527 750.42	527 063.45	526 376.20	525 688.67	525 000.85
3 00 00	535 179.98	534 483.33	533 786.40	533 089.18	532 391.67

Second-difference correction to x' for indicated values of h and Δλ

Δλ \ h	0" 150"	15" 135"	30" 120"	45" 105"	60" 90"	75" 75"
0°	0	0	0	0	0	0
1°	0	+.01	+.01	+.02	+.02	+.02
2°	+.01	+.02	+.02	+.03	+.03	+.03
3°	+.01	+.03	+.04	+.04	+.05	+.05

Correction for k is negligible

ALASKA – ZONES 2 TO 9
STATE PLANE COORDINATES IN FEET – Y

Δλ \ φ	60 50 00	60 52 30	60 55 00	60 57 30	61 00 00
0 00 00	2496 523.71	2511 754.70	2526 985.78	2542 216.96	2557 448.23
0 02 30	2496 526.07	2511 757.06	2526 988.14	2542 219.31	2557 450.59
0 05 00	2496 533.15	2511 764.13	2526 995.21	2542 226.37	2557 457.64
0 07 30	2496 544.95	2511 775.92	2527 006.99	2542 238.14	2557 469.40
0 10 00	2496 561.48	2511 792.43	2527 023.49	2542 254.62	2557 485.87
0 12 30	2496 582.72	2511 813.66	2527 044.69	2542 275.81	2557 507.04
0 15 00	2496 608.69	2511 839.60	2527 070.61	2542 301.71	2557 532.91
0 17 30	2496 639.38	2511 870.26	2527 101.24	2542 332.31	2557 563.49
0 20 00	2496 674.79	2511 905.64	2527 136.59	2542 367.63	2557 598.77
0 22 30	2496 714.92	2511 945.74	2527 176.65	2542 407.65	2557 638.76
0 25 00	2496 759.77	2511 990.55	2527 221.42	2542 452.38	2557 683.45
0 27 30	2496 809.34	2512 040.07	2527 270.90	2542 501.82	2557 732.84
0 30 00	2496 863.63	2512 094.32	2527 325.10	2542 555.97	2557 786.94
0 32 30	2496 922.65	2512 153.28	2527 384.01	2542 614.82	2557 845.74
0 35 00	2496 986.39	2512 216.97	2527 447.64	2542 678.39	2557 909.25
0 37 30	2497 054.85	2512 285.36	2527 515.97	2542 746.67	2557 977.47
0 40 00	2497 128.03	2512 358.48	2527 589.02	2542 819.65	2558 050.38
0 42 30	2497 205.93	2512 436.31	2527 666.78	2542 897.34	2558 128.00
0 45 00	2497 288.55	2512 518.85	2527 749.25	2542 979.74	2558 210.32
0 47 30	2497 375.89	2512 606.12	2527 836.44	2543 066.85	2558 297.36
0 50 00	2497 467.96	2512 698.10	2527 928.34	2543 158.66	2558 389.09
0 52 30	2497 564.75	2512 794.80	2528 024.95	2543 255.19	2558 485.53
0 55 00	2497 666.25	2512 896.22	2528 126.28	2543 356.42	2558 586.67
0 57 30	2497 772.48	2513 002.36	2528 232.32	2543 462.37	2558 692.52
1 00 00	2497 883.44	2513 113.21	2528 343.07	2543 573.02	2558 803.07
1 02 30	2497 999.10	2513 228.77	2528 458.53	2543 688.38	2558 918.33
1 05 00	2498 119.50	2513 349.06	2528 578.71	2543 808.45	2559 038.29
1 07 30	2498 244.62	2513 474.06	2528 703.60	2543 933.23	2559 162.95
1 10 00	2498 374.45	2513 603.78	2528 833.21	2544 062.71	2559 292.32
1 12 30	2498 509.01	2513 738.22	2528 967.52	2544 196.91	2559 426.40
1 15 00	2498 648.29	2513 877.38	2529 106.56	2544 335.82	2559 565.18
1 17 30	2498 792.30	2514 021.25	2529 250.30	2544 479.43	2559 708.66
1 20 00	2498 941.02	2514 169.84	2529 398.76	2544 627.75	2559 856.85
1 22 30	2499 094.46	2514 323.15	2529 551.93	2544 780.79	2560 009.74
1 25 00	2499 252.63	2514 481.18	2529 709.81	2544 938.53	2560 167.34
1 27 30	2499 415.52	2514 643.92	2529 872.41	2545 100.98	2560 329.65
1 30 00	2499 583.13	2514 811.38	2530 039.72	2545 268.13	2560 496.65
1 32 30	2499 755.47	2514 983.56	2530 211.74	2545 440.00	2560 668.37
1 35 00	2499 932.52	2515 160.45	2530 388.48	2545 616.59	2560 844.78
1 37 30	2500 114.30	2515 342.07	2530 569.93	2545 797.87	2561 025.91
1 40 00	2500 300.80	2515 528.40	2530 756.09	2545 983.86	2561 211.73
1 42 30	2500 492.02	2515 719.45	2530 946.97	2546 174.57	2561 402.27
1 45 00	2500 687.96	2515 915.22	2531 142.56	2546 369.99	2561 597.51
1 47 30	2500 888.63	2516 115.71	2531 342.87	2546 570.11	2561 797.45
1 50 00	2501 094.02	2516 320.91	2531 547.89	2546 774.95	2562 002.10
1 52 30	2501 304.13	2516 530.83	2531 757.62	2546 984.49	2562 211.45
1 55 00	2501 518.96	2516 745.47	2531 972.07	2547 198.74	2562 425.51
1 57 30	2501 738.51	2516 964.83	2532 191.22	2547 417.70	2562 644.28
2 00 00	2501 962.79	2517 188.90	2532 415.10	2547 641.37	2562 867.74
2 02 30	2502 191.79	2517 417.70	2532 643.69	2547 869.76	2563 095.92
2 05 00	2502 425.51	2517 651.21	2532 876.99	2548 102.85	2563 328.80
2 07 30	2502 663.95	2517 889.44	2533 115.01	2548 340.65	2563 566.39
2 10 00	2502 907.12	2518 132.39	2533 357.74	2548 583.16	2563 808.68
2 12 30	2503 155.01	2518 380.06	2533 605.18	2548 830.38	2564 055.68
2 15 00	2503 407.62	2518 632.45	2533 857.34	2549 082.31	2564 307.38
2 17 30	2503 664.96	2518 889.55	2534 114.22	2549 338.96	2564 563.79
2 20 00	2503 927.02	2519 151.37	2534 375.80	2549 600.31	2564 824.90
2 22 30	2504 193.80	2519 417.91	2534 642.11	2549 866.37	2565 090.72
2 25 00	2504 465.31	2519 689.17	2534 913.12	2550 137.14	2565 361.25
2 27 30	2504 741.53	2519 965.15	2535 188.85	2550 412.62	2565 636.48
2 30 00	2505 022.48	2520 245.85	2535 469.30	2550 692.81	2565 916.42
2 32 30	2505 308.16	2520 531.27	2535 754.46	2550 977.72	2566 201.06
2 35 00	2505 598.55	2520 821.40	2536 044.33	2551 267.33	2566 490.41
2 37 30	2505 893.67	2521 116.26	2536 338.92	2551 561.65	2566 784.47
2 40 00	2506 193.51	2521 415.83	2536 638.22	2551 860.69	2567 083.23
2 42 30	2506 498.08	2521 720.13	2536 942.25	2552 164.43	2567 386.70
2 45 00	2506 807.37	2522 029.14	2537 250.98	2552 472.89	2567 694.88
2 47 30	2507 121.38	2522 342.87	2537 564.43	2552 786.05	2568 007.76
2 50 00	2507 440.12	2522 661.32	2537 882.59	2553 103.93	2568 325.35
2 52 30	2507 763.58	2522 984.49	2538 205.47	2553 426.52	2568 647.64
2 55 00	2508 091.77	2523 312.38	2538 533.07	2553 753.82	2568 974.65
2 57 30	2508 424.67	2523 644.99	2538 865.37	2554 085.83	2569 306.36
3 00 00	2508 762.31	2523 982.32	2539 202.40	2554 422.55	2569 642.77

Second-difference correction to y for indicated value of k (for all Δλ's)

k	0" 150"	5" 145"	10" 140"	15" 135"	20" 130"	25" 125"	30" 120"	35" 115"	40" 110"	45" 105"	50" 100"	55" 95"	60" 90"	65" 85"	70" 80"	75" 75"
Correction	-.01	-.08	-.15	-.22	-.28	-.34	-.39	-.43	-.47	-.50	-.53	-.55	-.57	-.59	-.60	-.60

Correction for h is negligible

ALASKA – ZONES 2 TO 9
STATE PLANE COORDINATES IN FEET – X'

Δλ \ φ	61 00 00	61 02 30	61 05 00	61 07 30	61 10 00
0 00 00	0.00	0.00	0.00	0.00	0.00
0 02 30	7 396.12	7 386.43	7 376.74	7 367.04	7 357.34
0 05 00	14 792.23	14 772.86	14 753.47	14 734.07	14 714.67
0 07 30	22 188.35	22 159.28	22 130.20	22 101.10	22 072.00
0 10 00	29 584.46	29 545.70	29 506.92	29 468.13	29 429.32
0 12 30	36 980.55	36 932.10	36 883.64	36 835.15	36 786.64
0 15 00	44 376.64	44 318.50	44 260.34	44 202.16	44 143.94
0 17 30	51 772.72	51 704.89	51 637.03	51 569.15	51 501.24
0 20 00	59 168.78	59 091.26	59 013.71	58 936.13	58 858.52
0 22 30	66 564.82	66 477.61	66 390.37	66 303.09	66 215.78
0 25 00	73 960.85	73 863.95	73 767.01	73 670.04	73 573.02
0 27 30	81 356.85	81 250.27	81 143.64	81 036.96	80 930.24
0 30 00	88 752.83	88 636.56	88 520.23	88 403.86	88 287.44
0 32 30	96 148.79	96 022.83	95 896.81	95 770.74	95 644.62
0 35 00	103 544.72	103 409.07	103 273.36	103 137.59	103 001.76
0 37 30	110 940.62	110 795.28	110 649.87	110 504.40	110 358.88
0 40 00	118 336.50	118 181.46	118 026.36	117 871.19	117 715.97
0 42 30	125 732.33	125 567.61	125 402.81	125 237.95	125 073.02
0 45 00	133 128.13	132 953.72	132 779.23	132 604.67	132 430.04
0 47 30	140 523.90	140 339.79	140 155.61	139 971.35	139 787.02
0 50 00	147 919.63	147 725.83	147 531.95	147 338.00	147 143.96
0 52 30	155 315.31	155 111.83	154 908.25	154 704.60	154 500.86
0 55 00	162 710.95	162 497.77	162 284.50	162 071.16	161 857.72
0 57 30	170 106.55	169 883.68	169 660.72	169 437.67	169 214.53
1 00 00	177 502.09	177 269.53	177 036.88	176 804.13	176 571.29
1 02 30	184 897.59	184 655.34	184 412.99	184 170.55	183 928.00
1 05 00	192 293.04	192 041.10	191 789.06	191 536.91	191 284.66
1 07 30	199 688.43	199 426.80	199 165.06	198 903.22	198 641.27
1 10 00	207 083.76	206 812.44	206 541.01	206 269.47	205 997.83
1 12 30	214 479.04	214 198.03	213 916.91	213 635.67	213 354.31
1 15 00	221 874.26	221 583.56	221 292.74	221 001.80	220 710.74
1 17 30	229 269.41	228 969.02	228 668.51	228 367.87	228 067.11
1 20 00	236 664.51	236 354.43	236 044.22	235 733.88	235 423.42
1 22 30	244 059.53	243 739.76	243 419.85	243 099.82	242 779.66
1 25 00	251 454.48	251 125.02	250 795.42	250 465.69	250 135.82
1 27 30	258 849.37	258 510.22	258 170.92	257 831.49	257 491.92
1 30 00	266 244.19	265 895.34	265 546.35	265 197.22	264 847.95
1 32 30	273 638.93	273 280.39	272 921.70	272 562.87	272 203.90
1 35 00	281 033.59	280 665.36	280 296.98	279 928.45	279 559.77
1 37 30	288 428.18	288 050.25	287 672.18	287 293.95	286 915.57
1 40 00	295 822.68	295 435.07	295 047.29	294 659.36	294 271.28
1 42 30	303 217.10	302 819.80	302 422.33	302 024.70	301 626.91
1 45 00	310 611.43	310 204.44	309 797.28	309 389.95	308 982.46
1 47 30	318 005.68	317 588.99	317 172.13	316 755.11	316 337.92
1 50 00	325 399.84	324 973.46	324 546.91	324 120.18	323 693.28
1 52 30	332 793.91	332 357.84	331 921.59	331 485.16	331 048.56
1 55 00	340 187.88	339 742.12	339 296.17	338 850.05	338 403.74
1 57 30	347 581.76	347 126.31	346 670.66	346 214.84	345 758.83
2 00 00	354 975.54	354 510.40	354 045.06	353 579.53	353 113.82
2 02 30	362 369.22	361 894.38	361 419.35	360 944.12	360 468.71
2 05 00	369 762.81	369 278.27	368 793.55	368 308.62	367 823.50
2 07 30	377 156.28	376 662.06	376 167.63	375 673.01	375 178.18
2 10 00	384 549.65	384 045.74	383 541.61	383 037.29	382 532.76
2 12 30	391 942.92	391 429.31	390 915.49	390 401.46	389 887.23
2 15 00	399 336.07	398 812.77	398 289.25	397 765.52	397 241.59
2 17 30	406 729.11	406 196.12	405 662.91	405 129.48	404 595.83
2 20 00	414 122.04	413 579.35	413 036.44	412 493.31	411 949.96
2 22 30	421 514.85	420 962.47	420 409.86	419 857.03	419 303.98
2 25 00	428 907.54	428 345.47	427 783.16	427 220.64	426 657.88
2 27 30	436 300.11	435 728.35	435 156.35	434 584.11	434 011.65
2 30 00	443 692.56	443 111.11	442 529.41	441 947.47	441 365.30
2 32 30	451 084.89	450 493.74	449 902.34	449 310.71	448 718.84
2 35 00	458 477.09	457 876.25	457 275.15	456 673.81	456 072.23
2 37 30	465 869.16	465 258.62	464 647.83	464 036.79	463 425.51
2 40 00	473 261.10	472 640.87	472 020.38	471 399.63	470 778.65
2 42 30	480 652.91	480 022.98	479 392.79	478 762.35	478 131.65
2 45 00	488 044.58	487 404.96	486 765.07	486 124.93	485 484.52
2 47 30	495 436.12	494 786.80	494 137.21	493 487.37	492 837.26
2 50 00	502 827.51	502 168.50	501 509.22	500 849.67	500 189.86
2 52 30	510 218.77	509 550.06	508 881.08	508 211.83	507 542.31
2 55 00	517 609.88	516 931.48	516 252.80	515 573.84	514 894.62
2 57 30	525 000.85	524 312.75	523 624.37	522 935.72	522 246.78
3 00 00	532 391.67	531 693.88	530 995.80	530 297.44	529 598.79

Second-difference correction to x' for indicated values of h and Δλ

Δλ \ h	0" 150"	15" 135"	30" 120"	45" 105"	60" 90"	75" 75"
0°	0	0	0	0	0	0
1°	0	+.01	+.01	+.02	+.02	+.02
2°	+.01	+.02	+.02	+.03	+.03	+.03
3°	+.01	+.03	+.04	+.04	+.05	+.05

Correction for k is negligible

ALASKA – ZONES 2 TO 9
STATE PLANE COORDINATES IN FEET – Y

Δλ \ φ	61 00 00	61 02 30	61 05 00	61 07 30	61 10 00
0 00 00	2557 448.23	2572 679.60	2587 911.07	2603 142.63	2618 374.29
0 02 30	2557 450.59	2572 681.95	2587 913.42	2603 144.98	2618 376.63
0 05 00	2557 457.64	2572 689.00	2587 920.46	2603 152.01	2618 383.66
0 07 30	2557 469.40	2572 700.75	2587 932.20	2603 163.74	2618 395.38
0 10 00	2557 485.87	2572 717.20	2587 948.63	2603 180.16	2618 411.79
0 12 30	2557 507.04	2572 738.35	2587 969.76	2603 201.27	2618 432.88
0 15 00	2557 532.91	2572 764.20	2587 995.59	2603 227.08	2618 458.66
0 17 30	2557 563.49	2572 794.75	2588 026.11	2603 257.57	2618 489.12
0 20 00	2557 598.77	2572 830.00	2588 061.33	2603 292.76	2618 524.28
0 22 30	2557 638.76	2572 869.95	2588 101.24	2603 332.63	2618 564.12
0 25 00	2557 683.45	2572 914.60	2588 145.85	2603 377.20	2618 608.64
0 27 30	2557 732.84	2572 963.95	2588 195.16	2603 426.46	2618 657.86
0 30 00	2557 786.94	2573 018.00	2588 249.16	2603 480.41	2618 711.76
0 32 30	2557 845.74	2573 076.75	2588 307.85	2603 539.05	2618 770.35
0 35 00	2557 909.25	2573 140.20	2588 371.24	2603 602.39	2618 833.63
0 37 30	2557 977.47	2573 208.35	2588 439.33	2603 670.42	2618 901.59
0 40 00	2558 050.38	2573 281.20	2588 512.12	2603 743.13	2618 974.24
0 42 30	2558 128.00	2573 358.75	2588 589.60	2603 820.54	2619 051.58
0 45 00	2558 210.32	2573 441.00	2588 671.77	2603 902.64	2619 133.60
0 47 30	2558 297.36	2573 527.95	2588 758.64	2603 989.43	2619 220.32
0 50 00	2558 389.09	2573 619.60	2588 850.21	2604 080.92	2619 311.72
0 52 30	2558 485.53	2573 715.95	2588 946.47	2604 177.09	2619 407.80
0 55 00	2558 586.67	2573 817.00	2589 047.43	2604 277.96	2619 508.58
0 57 30	2558 692.52	2573 922.76	2589 153.09	2604 383.52	2619 614.04
1 00 00	2558 803.07	2574 033.20	2589 263.44	2604 493.77	2619 724.19
1 02 30	2558 918.33	2574 148.36	2589 378.49	2604 608.71	2619 839.03
1 05 00	2559 038.29	2574 268.21	2589 498.23	2604 728.34	2619 958.55
1 07 30	2559 162.95	2574 392.76	2589 622.67	2604 852.67	2620 082.76
1 10 00	2559 292.32	2574 522.02	2589 751.80	2604 981.69	2620 211.66
1 12 30	2559 426.40	2574 655.97	2589 885.63	2605 115.39	2620 345.24
1 15 00	2559 565.18	2574 794.62	2590 024.16	2605 253.79	2620 483.52
1 17 30	2559 708.66	2574 937.98	2590 167.39	2605 396.89	2620 626.48
1 20 00	2559 856.85	2575 086.03	2590 315.30	2605 544.67	2620 774.12
1 22 30	2560 009.74	2575 238.78	2590 467.92	2605 697.15	2620 926.46
1 25 00	2560 167.34	2575 396.24	2590 625.23	2605 854.32	2621 083.49
1 27 30	2560 329.65	2575 558.40	2590 787.24	2606 016.18	2621 245.20
1 30 00	2560 496.65	2575 725.25	2590 953.95	2606 182.73	2621 411.60
1 32 30	2560 668.37	2575 896.81	2591 125.35	2606 353.97	2621 582.69
1 35 00	2560 844.78	2576 073.07	2591 301.44	2606 529.90	2621 758.46
1 37 30	2561 025.91	2576 254.03	2591 482.23	2606 710.53	2621 938.92
1 40 00	2561 211.73	2576 439.68	2591 667.73	2606 895.86	2622 124.07
1 42 30	2561 402.27	2576 630.05	2591 857.91	2607 085.87	2622 313.91
1 45 00	2561 597.51	2576 825.11	2592 052.79	2607 280.58	2622 508.44
1 47 30	2561 797.45	2577 024.87	2592 252.37	2607 479.97	2622 707.65
1 50 00	2562 002.10	2577 229.33	2592 456.65	2607 684.06	2622 911.56
1 52 30	2562 211.45	2577 438.49	2592 665.62	2607 892.84	2623 120.14
1 55 00	2562 425.51	2577 652.36	2592 879.29	2608 106.32	2623 333.42
1 57 30	2562 644.28	2577 870.92	2593 097.66	2608 324.48	2623 551.39
2 00 00	2562 867.74	2578 094.19	2593 320.72	2608 547.34	2623 774.05
2 02 30	2563 095.92	2578 322.16	2593 548.48	2608 774.89	2624 001.39
2 05 00	2563 328.80	2578 554.83	2593 780.94	2609 007.14	2624 233.42
2 07 30	2563 566.39	2578 792.20	2594 018.10	2609 244.08	2624 470.14
2 10 00	2563 808.68	2579 034.27	2594 259.95	2609 485.71	2624 711.55
2 12 30	2564 055.68	2579 281.04	2594 506.49	2609 732.03	2624 957.64
2 15 00	2564 307.38	2579 532.51	2594 757.74	2609 983.04	2625 208.43
2 17 30	2564 563.79	2579 788.69	2595 013.68	2610 238.75	2625 463.90
2 20 00	2564 824.90	2580 049.57	2595 274.32	2610 499.15	2625 724.06
2 22 30	2565 090.72	2580 315.15	2595 539.65	2610 764.25	2625 988.91
2 25 00	2565 361.25	2580 585.43	2595 809.69	2611 034.03	2626 258.45
2 27 30	2565 636.48	2580 860.41	2596 084.42	2611 308.51	2626 532.68
2 30 00	2565 916.42	2581 140.09	2596 363.85	2611 587.69	2626 811.60
2 32 30	2566 201.06	2581 424.48	2596 647.98	2611 871.55	2627 095.20
2 35 00	2566 490.41	2581 713.57	2596 936.80	2612 160.11	2627 383.50
2 37 30	2566 784.47	2582 007.36	2597 230.32	2612 453.36	2627 676.48
2 40 00	2567 083.23	2582 305.85	2597 528.54	2612 751.31	2627 974.16
2 42 30	2567 386.70	2582 609.04	2597 831.46	2613 053.95	2628 276.52
2 45 00	2567 694.88	2582 916.94	2598 139.07	2613 361.29	2628 583.57
2 47 30	2568 007.76	2583 229.53	2598 451.38	2613 673.31	2628 895.31
2 50 00	2568 325.35	2583 546.83	2598 768.39	2613 990.03	2629 211.74
2 52 30	2568 647.64	2583 868.84	2599 090.10	2614 311.45	2629 532.86
2 55 00	2568 974.65	2584 195.54	2599 416.51	2614 637.56	2629 858.66
2 57 30	2569 306.36	2584 526.95	2599 747.62	2614 968.36	2630 189.17
3 00 00	2569 642.77	2584 863.06	2600 083.42	2615 303.85	2630 524.35

Second-difference correction to y for indicated value of k (for all Δλ's)

k	0" 150"	5" 145"	10" 140"	15" 135"	20" 130"	25" 125"	30" 120"	35" 115"	40" 110"	45" 105"	50" 100"	55" 95"	60" 90"	65" 85"	70" 80"	75" 75"
Correction	-.01	-.08	-.15	-.22	-.28	-.34	-.39	-.43	-.47	-.50	-.53	-.55	-.57	-.59	-.60	-.60

Correction for h is negligible

ALASKA – ZONES 2 TO 9
STATE PLANE COORDINATES IN FEET – X'

Δλ \ φ	61 10 00	61 12 30	61 15 00	61 17 30	61 20 00
0 00 00	0.00	0.00	0.00	0.00	0.00
0 02 30	7 357.34	7 347.63	7 337.92	7 328.21	7 318.49
0 05 00	14 714.67	14 695.26	14 675.84	14 656.41	14 636.98
0 07 30	22 072.00	22 042.88	22 013.76	21 984.61	21 955.46
0 10 00	29 429.32	29 390.50	29 351.66	29 312.81	29 273.94
0 12 30	36 786.64	36 738.11	36 689.57	36 641.00	36 592.41
0 15 00	44 143.94	44 085.71	44 027.45	43 969.17	43 910.87
0 17 30	51 501.24	51 433.30	51 365.33	51 297.34	51 229.32
0 20 00	58 858.52	58 780.87	58 703.20	58 625.49	58 547.75
0 22 30	66 215.78	66 128.43	66 041.04	65 953.62	65 866.16
0 25 00	73 573.02	73 475.97	73 378.87	73 281.73	73 184.56
0 27 30	80 930.24	80 823.48	80 716.68	80 609.83	80 502.94
0 30 00	88 287.44	88 170.98	88 054.46	87 937.90	87 821.29
0 32 30	95 644.62	95 518.44	95 392.22	95 265.94	95 139.62
0 35 00	103 001.76	102 865.88	102 729.95	102 593.96	102 457.92
0 37 30	110 358.88	110 213.30	110 067.65	109 921.95	109 776.19
0 40 00	117 715.97	117 560.68	117 405.32	117 249.91	117 094.43
0 42 30	125 073.02	124 908.02	124 742.96	124 577.83	124 412.64
0 45 00	132 430.04	132 255.34	132 080.57	131 905.72	131 730.81
0 47 30	139 787.02	139 602.61	139 418.13	139 233.57	139 048.94
0 50 00	147 143.96	146 949.85	146 755.65	146 561.38	146 367.04
0 52 30	154 500.86	154 297.04	154 093.14	153 889.15	153 685.09
0 55 00	161 857.72	161 644.19	161 430.58	161 216.88	161 003.10
0 57 30	169 214.53	168 991.30	168 767.97	168 544.56	168 321.06
1 00 00	176 571.29	176 338.35	176 105.32	175 872.19	175 638.97
1 02 30	183 928.00	183 685.36	183 442.62	183 199.77	182 956.84
1 05 00	191 284.66	191 032.31	190 779.86	190 527.31	190 274.65
1 07 30	198 641.27	198 379.21	198 117.05	197 854.78	197 592.41
1 10 00	205 997.82	205 726.06	205 454.18	205 182.20	204 910.11
1 12 30	213 354.31	213 072.84	212 791.26	212 509.56	212 227.75
1 15 00	220 710.74	220 419.57	220 128.27	219 836.86	219 545.33
1 17 30	228 067.11	227 766.23	227 465.23	227 164.10	226 862.85
1 20 00	235 423.42	235 112.83	234 802.12	234 491.27	234 180.31
1 22 30	242 779.66	242 459.36	242 138.93	241 818.38	241 497.70
1 25 00	250 135.82	249 805.82	249 475.69	249 145.41	248 815.01
1 27 30	257 491.92	257 152.21	256 812.37	256 472.38	256 132.26
1 30 00	264 847.95	264 498.53	264 148.97	263 799.28	263 449.43
1 32 30	272 203.90	271 844.78	271 485.51	271 126.09	270 766.54
1 35 00	279 559.77	279 190.94	278 821.97	278 452.84	278 083.56
1 37 30	286 915.57	286 537.03	286 158.34	285 779.50	285 400.50
1 40 00	294 271.28	293 883.04	293 494.64	293 106.08	292 717.36
1 42 30	301 626.91	301 228.96	300 830.85	300 432.58	300 034.14
1 45 00	308 982.46	308 574.80	308 166.98	307 758.98	307 350.83
1 47 30	316 337.92	315 920.55	315 503.01	315 085.31	314 667.44
1 50 00	323 693.28	323 266.21	322 838.96	322 411.55	321 983.95
1 52 30	331 048.56	330 611.78	330 174.82	329 737.69	329 300.38
1 55 00	338 403.74	337 957.25	337 510.58	337 063.73	336 616.71
1 57 30	345 758.83	345 302.64	344 846.25	344 389.69	343 932.94
2 00 00	353 113.82	352 647.92	352 181.83	351 715.54	351 249.07
2 02 30	360 468.71	359 993.10	359 517.30	359 041.30	358 565.11
2 05 00	367 823.50	367 338.18	366 852.66	366 366.95	365 881.04
2 07 30	375 178.18	374 683.15	374 187.92	373 692.49	373 196.87
2 10 00	382 532.76	382 028.02	381 523.08	381 017.93	380 512.59
2 12 30	389 887.23	389 372.78	388 858.13	388 343.27	387 828.20
2 15 00	397 241.59	396 717.43	396 193.06	395 668.49	395 143.70
2 17 30	404 595.83	404 061.97	403 527.89	402 993.60	402 459.09
2 20 00	411 949.96	411 406.39	410 862.60	410 318.59	409 774.36
2 22 30	419 303.98	418 750.70	418 197.20	417 643.47	417 089.52
2 25 00	426 657.88	426 094.89	425 531.67	424 968.23	424 404.56
2 27 30	434 011.65	433 438.96	432 866.02	432 292.87	431 719.47
2 30 00	441 365.30	440 782.90	440 200.25	439 617.38	439 034.27
2 32 30	448 718.84	448 126.72	447 534.36	446 941.77	446 348.94
2 35 00	456 072.23	455 470.41	454 868.34	454 266.03	453 663.48
2 37 30	463 425.51	462 813.98	462 202.19	461 590.16	460 977.89
2 40 00	470 778.65	470 157.40	469 535.90	468 914.16	468 292.17
2 42 30	478 131.65	477 500.71	476 869.49	476 238.03	475 606.31
2 45 00	485 484.52	484 843.87	484 202.94	483 561.76	482 920.32
2 47 30	492 837.26	492 186.89	491 536.24	490 885.35	490 234.19
2 50 00	500 189.86	499 529.77	498 869.42	498 208.80	497 547.92
2 52 30	507 542.31	506 872.52	506 202.45	505 532.11	504 861.51
2 55 00	514 894.62	514 215.11	513 535.33	512 855.28	512 174.96
2 57 30	522 246.78	521 557.57	520 868.07	520 178.30	519 488.25
3 00 00	529 598.79	528 899.87	528 200.66	527 501.17	526 801.40

Second-difference correction to x' for indicated values of h and Δλ

Δλ \ h	0" 150"	15" 135"	30" 120"	45" 105"	60" 90"	75" 75"
0°	0	0	0	0	0	0
1°	0	+.01	+.01	+.02	+.02	+.02
2°	+.01	+.02	+.02	+.03	+.03	+.03
3°	+.01	+.03	+.04	+.04	+.05	+.05

Correction for k is negligible

ALASKA – ZONES 2 TO 9
STATE PLANE COORDINATES IN FEET – Y

Δλ \ φ	61 10 00	61 12 30	61 15 00	61 17 30	61 20 00
0 00 00	2618 374.29	2633 606.04	2648 837.89	2664 069.84	2679 301.88
0 02 30	2618 376.63	2633 608.38	2648 840.23	2664 072.17	2679 304.21
0 05 00	2618 383.66	2633 615.41	2648 847.24	2664 079.18	2679 311.22
0 07 30	2618 395.38	2633 627.11	2648 858.94	2664 090.87	2679 322.89
0 10 00	2618 411.79	2633 643.51	2648 875.32	2664 107.23	2679 339.23
0 12 30	2618 432.88	2633 664.57	2648 896.37	2664 128.26	2679 360.25
0 15 00	2618 458.66	2633 690.33	2648 922.10	2664 153.97	2679 385.93
0 17 30	2618 489.12	2633 720.77	2648 952.51	2664 184.35	2679 416.28
0 20 00	2618 524.28	2633 755.89	2648 987.60	2664 219.41	2679 451.31
0 22 30	2618 564.12	2633 795.69	2649 027.37	2664 259.14	2679 491.00
0 25 00	2618 608.64	2633 840.18	2649 071.81	2664 303.54	2679 535.37
0 27 30	2618 657.86	2633 889.35	2649 120.94	2664 352.62	2679 584.40
0 30 00	2618 711.76	2633 943.20	2649 174.74	2664 406.37	2679 638.10
0 32 30	2618 770.35	2634 001.74	2649 233.22	2664 464.80	2679 696.47
0 35 00	2618 833.63	2634 064.95	2649 296.38	2664 527.90	2679 759.52
0 37 30	2618 901.59	2634 132.86	2649 364.22	2664 595.68	2679 827.23
0 40 00	2618 974.24	2634 205.44	2649 436.73	2664 668.13	2679 899.61
0 42 30	2619 051.58	2634 282.71	2649 513.93	2664 745.25	2679 976.66
0 45 00	2619 133.60	2634 364.66	2649 595.80	2664 827.05	2680 058.39
0 47 30	2619 220.32	2634 451.29	2649 682.36	2664 913.52	2680 144.78
0 50 00	2619 311.72	2634 542.60	2649 773.59	2665 004.67	2680 235.84
0 52 30	2619 407.80	2634 638.60	2649 869.50	2665 100.49	2680 331.57
0 55 00	2619 508.58	2634 739.28	2649 970.09	2665 200.98	2680 431.97
0 57 30	2619 614.04	2634 844.65	2650 075.35	2665 306.16	2680 537.05
1 00 00	2619 724.19	2634 954.70	2650 185.30	2665 416.00	2680 646.79
1 02 30	2619 839.03	2635 069.43	2650 299.93	2665 530.52	2680 761.20
1 05 00	2619 958.55	2635 188.84	2650 419.23	2665 649.71	2680 880.28
1 07 30	2620 082.76	2635 312.94	2650 543.21	2665 773.58	2681 004.03
1 10 00	2620 211.66	2635 441.72	2650 671.87	2665 902.12	2681 132.46
1 12 30	2620 345.24	2635 575.18	2650 805.21	2666 035.34	2681 265.55
1 15 00	2620 483.52	2635 713.33	2650 943.23	2666 173.23	2681 403.31
1 17 30	2620 626.48	2635 856.16	2651 085.93	2666 315.79	2681 545.75
1 20 00	2620 774.12	2636 003.67	2651 233.31	2666 463.04	2681 692.85
1 22 30	2620 926.46	2636 155.87	2651 385.36	2666 614.95	2681 844.63
1 25 00	2621 083.49	2636 312.75	2651 542.09	2666 771.54	2682 001.07
1 27 30	2621 245.20	2636 474.31	2651 703.51	2666 932.80	2682 162.18
1 30 00	2621 411.60	2636 640.56	2651 869.60	2667 098.74	2682 327.97
1 32 30	2621 582.69	2636 811.48	2652 040.37	2667 269.36	2682 498.42
1 35 00	2621 758.46	2636 987.10	2652 215.82	2667 444.64	2682 673.55
1 37 30	2621 938.92	2637 167.40	2652 395.95	2667 624.61	2682 853.34
1 40 00	2622 124.07	2637 352.38	2652 580.76	2667 809.24	2683 037.81
1 42 30	2622 313.91	2637 542.04	2652 770.25	2667 998.56	2683 226.95
1 45 00	2622 508.44	2637 736.39	2652 964.42	2668 192.55	2683 420.75
1 47 30	2622 707.65	2637 935.42	2653 163.27	2668 391.21	2683 619.24
1 50 00	2622 911.56	2638 139.13	2653 366.79	2668 594.55	2683 822.38
1 52 30	2623 120.14	2638 347.53	2653 575.00	2668 802.56	2684 030.20
1 55 00	2623 333.42	2638 560.61	2653 787.88	2669 015.25	2684 242.70
1 57 30	2623 551.39	2638 778.38	2654 005.45	2669 232.61	2684 459.86
2 00 00	2623 774.05	2639 000.83	2654 227.69	2669 454.65	2684 681.69
2 02 30	2624 001.39	2639 227.96	2654 454.62	2669 681.36	2684 908.19
2 05 00	2624 233.42	2639 459.78	2654 686.22	2669 912.75	2685 139.36
2 07 30	2624 470.14	2639 696.28	2654 922.50	2670 148.82	2685 375.21
2 10 00	2624 711.55	2639 937.47	2655 163.47	2670 389.56	2685 615.73
2 12 30	2624 957.64	2640 183.33	2655 409.11	2670 634.97	2685 860.91
2 15 00	2625 208.43	2640 433.89	2655 659.44	2670 885.06	2686 110.77
2 17 30	2625 463.90	2640 689.12	2655 914.44	2671 139.83	2686 365.30
2 20 00	2625 724.06	2640 949.05	2656 174.12	2671 399.27	2686 624.50
2 22 30	2625 988.91	2641 213.66	2656 438.48	2671 663.39	2686 888.37
2 25 00	2626 258.45	2641 482.95	2656 707.52	2671 932.18	2687 156.92
2 27 30	2626 532.68	2641 756.92	2656 981.25	2672 205.65	2687 430.13
2 30 00	2626 811.60	2642 035.59	2657 259.65	2672 483.80	2687 708.02
2 32 30	2627 095.20	2642 318.93	2657 542.73	2672 766.62	2687 990.58
2 35 00	2627 383.50	2642 606.96	2657 830.49	2673 054.12	2688 277.81
2 37 30	2627 676.48	2642 899.67	2658 122.94	2673 346.28	2688 569.71
2 40 00	2627 974.16	2643 197.07	2658 420.06	2673 643.13	2688 866.28
2 42 30	2628 276.52	2643 499.15	2658 721.87	2673 944.66	2689 167.52
2 45 00	2628 583.57	2643 805.92	2659 028.35	2674 250.86	2689 473.44
2 47 30	2628 895.31	2644 117.37	2659 339.52	2674 561.74	2689 784.03
2 50 00	2629 211.74	2644 433.51	2659 655.36	2674 877.29	2690 099.29
2 52 30	2629 532.86	2644 754.33	2659 975.89	2675 197.52	2690 419.22
2 55 00	2629 858.66	2645 079.84	2660 301.10	2675 522.42	2690 743.82
2 57 30	2630 189.17	2645 410.04	2660 630.99	2675 852.01	2691 073.10
3 00 00	2630 524.35	2645 744.91	2660 965.56	2676 186.27	2691 407.05

Second-difference correction to y for indicated value of k (for all Δλ's)

k	0" 150"	5" 145"	10" 140"	15" 135"	20" 130"	25" 125"	30" 120"	35" 115"	40" 110"	45" 105"	50" 100"	55" 95"	60" 90"	65" 85"	70" 80"	75" 75"
Correction	-.01	-.08	-.15	-.22	-.28	-.34	-.39	-.43	-.47	-.50	-.53	-.55	-.57	-.59	-.60	-.60

Correction for h is negligible

ALASKA – ZONES 2 TO 9
STATE PLANE COORDINATES IN FEET – X'

Δλ \ φ	61 20 00	61 22 30	61 25 00	61 27 30	61 30 00
0 00 00	0.00	0.00	0.00	0.00	0.00
0 02 30	7 318.49	7 308.77	7 299.04	7 289.32	7 279.58
0 05 00	14 636.98	14 617.54	14 598.08	14 578.63	14 559.16
0 07 30	21 955.46	21 926.30	21 897.12	21 867.94	21 838.74
0 10 00	29 273.94	29 235.06	29 196.16	29 157.24	29 118.30
0 12 30	36 592.41	36 543.80	36 495.18	36 446.53	36 397.87
0 15 00	43 910.87	43 852.54	43 794.19	43 735.81	43 677.42
0 17 30	51 229.32	51 161.27	51 093.19	51 025.09	50 956.96
0 20 00	58 547.75	58 469.98	58 392.18	58 314.35	58 236.48
0 22 30	65 866.16	65 778.67	65 691.15	65 603.58	65 515.98
0 25 00	73 184.56	73 087.35	72 990.10	72 892.80	72 795.47
0 27 30	80 502.94	80 396.00	80 289.03	80 182.00	80 074.94
0 30 00	87 821.29	87 704.63	87 587.93	87 471.18	87 354.38
0 32 30	95 139.62	95 013.24	94 886.81	94 760.33	94 633.80
0 35 00	102 457.92	102 321.82	102 185.67	102 049.45	101 913.19
0 37 30	109 776.19	109 630.37	109 484.49	109 338.55	109 192.56
0 40 00	117 094.43	116 938.89	116 783.28	116 627.61	116 471.89
0 42 30	124 412.64	124 247.37	124 082.04	123 916.65	123 751.18
0 45 00	131 730.81	131 555.82	131 380.76	131 205.64	131 030.44
0 47 30	139 048.94	138 864.23	138 679.45	138 494.60	138 309.67
0 50 00	146 367.04	146 172.61	145 978.10	145 783.51	145 588.85
0 52 30	153 685.09	153 480.94	153 276.70	153 072.39	152 867.99
0 55 00	161 003.10	160 789.22	160 575.27	160 361.22	160 147.09
0 57 30	168 321.06	168 097.46	167 873.78	167 650.01	167 426.14
1 00 00	175 638.97	175 405.66	175 172.24	174 938.74	174 705.15
1 02 30	182 956.84	182 713.80	182 470.67	182 227.43	181 984.10
1 05 00	190 274.65	190 021.89	189 769.03	189 516.06	189 263.00
1 07 30	197 592.41	197 329.92	197 067.34	196 804.65	196 541.85
1 10 00	204 910.11	204 637.90	204 365.59	204 093.17	203 820.64
1 12 30	212 227.75	211 945.82	211 663.79	211 381.63	211 099.37
1 15 00	219 545.33	219 253.69	218 961.92	218 670.04	218 378.04
1 17 30	226 862.85	226 561.48	226 259.99	225 958.38	225 656.65
1 20 00	234 180.31	233 869.22	233 558.00	233 246.66	232 935.19
1 22 30	241 497.70	241 176.88	240 855.94	240 534.87	240 213.66
1 25 00	248 815.01	248 484.47	248 153.80	247 823.00	247 492.07
1 27 30	256 132.26	255 792.00	255 451.61	255 111.07	254 770.40
1 30 00	263 449.43	263 099.45	262 749.33	262 399.07	262 048.67
1 32 30	270 766.54	270 406.83	270 046.98	269 686.99	269 326.85
1 35 00	278 083.56	277 714.13	277 344.56	276 974.83	276 604.96
1 37 30	285 400.50	285 021.35	284 642.05	284 262.59	283 882.99
1 40 00	292 717.36	292 328.49	291 939.46	291 550.28	291 160.94
1 42 30	300 034.14	299 635.55	299 236.79	298 837.88	298 438.80
1 45 00	307 350.83	306 942.52	306 534.03	306 125.39	305 716.57
1 47 30	314 667.44	314 249.39	313 831.19	313 412.81	312 994.27
1 50 00	321 983.95	321 556.19	321 128.25	320 700.15	320 271.87
1 52 30	329 300.38	328 862.89	328 425.23	327 987.39	327 549.37
1 55 00	336 616.71	336 169.49	335 722.11	335 274.53	334 826.78
1 57 30	343 932.94	343 476.00	343 018.89	342 561.58	342 104.10
2 00 00	351 249.07	350 782.42	350 315.57	349 848.54	349 381.32
2 02 30	358 565.11	358 088.73	357 612.16	357 135.39	356 658.43
2 05 00	365 881.04	365 394.93	364 908.63	364 422.14	363 935.44
2 07 30	373 196.87	372 701.04	372 205.01	371 708.78	371 212.35
2 10 00	380 512.59	380 007.03	379 501.28	378 995.32	378 489.15
2 12 30	387 828.20	387 312.93	386 797.44	386 281.75	385 765.85
2 15 00	395 143.70	394 618.70	394 093.49	393 568.06	393 042.43
2 17 30	402 459.09	401 924.36	401 389.43	400 854.27	400 318.90
2 20 00	409 774.36	409 229.91	408 685.25	408 140.36	407 595.25
2 22 30	417 089.52	416 535.35	415 980.96	415 426.33	414 871.49
2 25 00	424 404.56	423 840.66	423 276.54	422 712.18	422 147.60
2 27 30	431 719.47	431 145.85	430 572.00	429 997.91	429 423.60
2 30 00	439 034.27	438 450.92	437 867.34	437 283.52	436 699.47
2 32 30	446 348.94	445 755.86	445 162.55	444 569.00	443 975.21
2 35 00	453 663.48	453 060.68	452 457.64	451 854.36	451 250.83
2 37 30	460 977.89	460 365.36	459 752.60	459 139.58	458 526.32
2 40 00	468 292.17	467 669.91	467 047.42	466 424.67	465 801.67
2 42 30	475 606.31	474 974.34	474 342.11	473 709.63	473 076.90
2 45 00	482 920.32	482 278.62	481 636.66	480 994.45	480 351.98
2 47 30	490 234.19	489 582.76	488 931.08	488 279.13	487 626.92
2 50 00	497 547.92	496 886.77	496 225.36	495 563.67	494 901.73
2 52 30	504 861.51	504 190.63	503 519.49	502 848.07	502 176.39
2 55 00	512 174.96	511 494.35	510 813.48	510 132.33	509 450.91
2 57 30	519 488.25	518 797.92	518 107.32	517 416.43	516 725.27
3 00 00	526 801.40	526 101.35	525 401.01	524 700.39	523 999.50

Second-difference correction to x' for indicated values of h and Δλ

Δλ \ h	0" 150"	15" 135"	30" 120"	45" 105"	60" 90"	75" 75"
0°	0	0	0	0	0	0
1°	0	+.01	+.01	+.02	+.02	+.02
2°	+.01	+.02	+.02	+.03	+.03	+.03
3°	+.01	+.03	+.04	+.04	+.05	+.05

Correction for k is negligible

ALASKA – ZONES 2 TO 9
STATE PLANE COORDINATES IN FEET – Y

Δλ \ φ	61 20 00	61 22 30	61 25 00	61 27 30	61 30 00
0 00 00	2679 301.88	2694 534.01	2709 766.24	2724 998.56	2740 230.98
0 02 30	2679 304.21	2694 536.34	2709 768.57	2725 000.89	2740 233.31
0 05 00	2679 311.22	2694 543.34	2709 775.56	2725 007.88	2740 240.29
0 07 30	2679 322.89	2694 555.00	2709 787.21	2725 019.52	2740 251.92
0 10 00	2679 339.23	2694 571.33	2709 803.53	2725 035.82	2740 268.20
0 12 30	2679 360.25	2694 592.32	2709 824.50	2725 056.77	2740 289.14
0 15 00	2679 385.93	2694 617.99	2709 850.14	2725 082.38	2740 314.73
0 17 30	2679 416.28	2694 648.31	2709 880.43	2725 112.65	2740 344.97
0 20 00	2679 451.31	2694 683.30	2709 915.39	2725 147.58	2740 379.86
0 22 30	2679 491.00	2694 722.96	2709 955.01	2725 187.16	2740 419.40
0 25 00	2679 535.37	2694 767.28	2709 999.29	2725 231.40	2740 463.60
0 27 30	2679 584.40	2694 816.27	2710 048.23	2725 280.29	2740 512.45
0 30 00	2679 638.10	2694 869.92	2710 101.84	2725 333.85	2740 565.95
0 32 30	2679 696.47	2694 928.24	2710 160.10	2725 392.06	2740 624.11
0 35 00	2679 759.52	2694 991.22	2710 223.02	2725 454.92	2740 686.91
0 37 30	2679 827.23	2695 058.87	2710 290.61	2725 522.45	2740 754.37
0 40 00	2679 899.61	2695 131.19	2710 362.86	2725 594.62	2740 826.48
0 42 30	2679 976.66	2695 208.17	2710 439.77	2725 671.46	2740 903.25
0 45 00	2680 058.39	2695 289.81	2710 521.34	2725 752.95	2740 984.67
0 47 30	2680 144.78	2695 376.13	2710 607.57	2725 839.11	2741 070.73
0 50 00	2680 235.84	2695 467.10	2710 698.46	2725 929.91	2741 161.46
0 52 30	2680 331.57	2695 562.75	2710 794.01	2726 025.37	2741 256.83
0 55 00	2680 431.97	2695 663.05	2710 894.23	2726 125.50	2741 356.86
0 57 30	2680 537.05	2695 768.03	2710 999.11	2726 230.27	2741 461.53
1 00 00	2680 646.79	2695 877.67	2711 108.64	2726 339.71	2741 570.87
1 02 30	2680 761.20	2695 991.98	2711 222.84	2726 453.80	2741 684.85
1 05 00	2680 880.28	2696 110.94	2711 341.70	2726 572.55	2741 803.49
1 07 30	2681 004.03	2696 234.58	2711 465.22	2726 695.95	2741 926.78
1 10 00	2681 132.46	2696 362.88	2711 593.41	2726 824.02	2742 054.72
1 12 30	2681 265.55	2696 495.85	2711 726.25	2726 956.74	2742 187.32
1 15 00	2681 403.31	2696 633.49	2711 863.76	2727 094.11	2742 324.56
1 17 30	2681 545.75	2696 775.79	2712 005.92	2727 236.15	2742 466.47
1 20 00	2681 692.85	2696 922.76	2712 152.75	2727 382.84	2742 613.02
1 22 30	2681 844.63	2697 074.39	2712 304.24	2727 534.19	2742 764.23
1 25 00	2682 001.07	2697 230.69	2712 460.40	2727 690.20	2742 920.08
1 27 30	2682 162.18	2697 391.65	2712 621.21	2727 850.86	2743 080.59
1 30 00	2682 327.97	2697 557.28	2712 786.69	2728 016.18	2743 245.76
1 32 30	2682 498.42	2697 727.58	2712 956.82	2728 186.16	2743 415.58
1 35 00	2682 673.55	2697 902.54	2713 131.62	2728 360.79	2743 590.05
1 37 30	2682 853.34	2698 082.17	2713 311.08	2728 540.08	2743 769.17
1 40 00	2683 037.81	2698 266.46	2713 495.20	2728 724.03	2743 952.95
1 42 30	2683 226.95	2698 455.43	2713 683.99	2728 912.64	2744 141.38
1 45 00	2683 420.75	2698 649.05	2713 877.44	2729 105.90	2744 334.46
1 47 30	2683 619.24	2698 847.34	2714 075.54	2729 303.83	2744 532.19
1 50 00	2683 822.38	2699 050.31	2714 278.31	2729 506.41	2744 734.59
1 52 30	2684 030.20	2699 257.93	2714 485.75	2729 713.64	2744 941.63
1 55 00	2684 242.70	2699 470.22	2714 697.84	2729 925.54	2745 153.33
1 57 30	2684 459.86	2699 687.18	2714 914.60	2730 142.09	2745 369.67
2 00 00	2684 681.69	2699 908.81	2715 136.01	2730 363.30	2745 590.67
2 02 30	2684 908.19	2700 135.10	2715 362.09	2730 589.17	2745 816.33
2 05 00	2685 139.36	2700 366.06	2715 592.84	2730 819.70	2746 046.64
2 07 30	2685 375.21	2700 601.68	2715 828.24	2731 054.88	2746 281.60
2 10 00	2685 615.73	2700 841.97	2716 068.31	2731 294.72	2746 521.22
2 12 30	2685 860.91	2701 086.93	2716 313.04	2731 539.22	2746 765.49
2 15 00	2686 110.77	2701 336.56	2716 562.43	2731 788.38	2747 014.41
2 17 30	2686 365.30	2701 590.85	2716 816.48	2732 042.20	2747 267.99
2 20 00	2686 624.50	2701 849.81	2717 075.20	2732 300.67	2747 526.22
2 22 30	2686 888.37	2702 113.44	2717 338.58	2732 563.80	2747 789.10
2 25 00	2687 156.92	2702 381.73	2717 606.62	2732 831.59	2748 056.64
2 27 30	2687 430.13	2702 654.69	2717 879.32	2733 104.04	2748 328.83
2 30 00	2687 708.02	2702 932.31	2718 156.69	2733 381.15	2748 605.68
2 32 30	2687 990.58	2703 214.61	2718 438.72	2733 662.91	2748 887.18
2 35 00	2688 277.81	2703 501.57	2718 725.42	2733 949.33	2749 173.33
2 37 30	2688 569.71	2703 793.20	2719 016.77	2734 240.41	2749 464.14
2 40 00	2688 866.28	2704 089.50	2719 312.79	2734 536.15	2749 759.61
2 42 30	2689 167.52	2704 390.46	2719 613.47	2734 836.56	2750 059.72
2 45 00	2689 473.44	2704 696.09	2719 918.82	2735 141.61	2750 364.49
2 47 30	2689 784.03	2705 006.39	2720 228.82	2735 451.33	2750 673.92
2 50 00	2690 099.29	2705 321.35	2720 543.49	2735 765.71	2750 988.00
2 52 30	2690 419.22	2705 640.99	2720 862.83	2736 084.74	2751 306.73
2 55 00	2690 743.82	2705 965.29	2721 186.82	2736 408.43	2751 630.12
2 57 30	2691 073.10	2706 294.25	2721 515.49	2736 736.78	2751 958.16
3 00 00	2691 407.05	2706 627.89	2721 848.81	2737 069.79	2752 290.86

Second-difference correction to y for indicated value of k (for all Δλ's)

k	0" 150"	5" 145"	10" 140"	15" 135"	20" 130"	25" 125"	30" 120"	35" 115"	40" 110"	45" 105"	50" 100"	55" 95"	60" 90"	65" 85"	70" 80"	75" 75"
Correction	-.01	-.08	-.15	-.22	-.28	-.34	-.39	-.43	-.47	-.50	-.53	-.55	-.57	-.59	-.60	-.60

Correction for h is negligible

ALASKA – ZONES 2 TO 9
STATE PLANE COORDINATES IN FEET – X'

Δλ \ φ	61 30 00	61 32 30	61 35 00	61 37 30	61 40 00
0 00 00	0.00	0.00	0.00	0.00	0.00
0 02 30	7 279.58	7 269.84	7 260.10	7 250.36	7 240.61
0 05 00	14 559.16	14 539.69	14 520.21	14 500.72	14 481.22
0 07 30	21 838.74	21 809.53	21 780.30	21 751.07	21 721.82
0 10 00	29 118.30	29 079.36	29 040.39	29 001.42	28 962.42
0 12 30	36 397.87	36 349.18	36 300.48	36 251.75	36 203.01
0 15 00	43 677.42	43 619.00	43 560.55	43 502.08	43 443.59
0 17 30	50 956.96	50 888.80	50 820.61	50 752.40	50 684.16
0 20 00	58 236.48	58 158.58	58 080.65	58 002.70	57 924.71
0 22 30	65 515.98	65 428.35	65 340.69	65 252.98	65 165.24
0 25 00	72 795.47	72 698.10	72 600.69	72 503.25	72 405.76
0 27 30	80 074.94	79 967.83	79 860.68	79 753.49	79 646.26
0 30 00	87 354.38	87 237.54	87 120.65	87 003.71	86 886.73
0 32 30	94 633.80	94 507.22	94 380.59	94 253.91	94 127.17
0 35 00	101 913.19	101 776.88	101 640.50	101 504.08	101 367.60
0 37 30	109 192.56	109 046.50	108 900.39	108 754.21	108 607.98
0 40 00	116 471.89	116 316.10	116 160.24	116 004.32	115 848.34
0 42 30	123 751.18	123 585.66	123 420.06	123 254.40	123 088.67
0 45 00	131 030.44	130 855.18	130 679.84	130 504.43	130 328.96
0 47 30	138 309.67	138 124.66	137 939.59	137 754.43	137 569.21
0 50 00	145 588.85	145 394.11	145 199.29	145 004.40	144 809.42
0 52 30	152 867.99	152 663.51	152 458.95	152 254.31	152 049.59
0 55 00	160 147.09	159 932.88	159 718.57	159 504.19	159 289.72
0 57 30	167 426.14	167 202.19	166 978.15	166 754.01	166 529.79
1 00 00	174 705.15	174 471.46	174 237.67	174 003.80	173 769.82
1 02 30	181 984.10	181 740.67	181 497.15	181 253.52	181 009.81
1 05 00	189 263.00	189 009.84	188 756.57	188 503.20	188 249.73
1 07 30	196 541.85	196 278.94	196 015.94	195 752.82	195 489.60
1 10 00	203 820.64	203 548.00	203 275.25	203 002.39	202 729.42
1 12 30	211 099.37	210 816.99	210 534.50	210 251.89	209 969.18
1 15 00	218 378.04	218 085.92	217 793.69	217 501.34	217 208.87
1 17 30	225 656.65	225 354.79	225 052.82	224 750.72	224 448.51
1 20 00	232 935.19	232 623.60	232 311.88	232 000.04	231 688.08
1 22 30	240 213.66	239 892.34	239 570.88	239 249.29	238 927.57
1 25 00	247 492.07	247 161.00	246 829.80	246 498.47	246 167.00
1 27 30	254 770.40	254 429.60	254 088.66	253 747.58	253 406.36
1 30 00	262 048.67	261 698.12	261 347.44	260 996.61	260 645.65
1 32 30	269 326.85	268 966.57	268 606.15	268 245.57	267 884.86
1 35 00	276 604.96	276 234.94	275 864.77	275 494.45	275 123.99
1 37 30	283 882.99	283 503.23	283 123.32	282 743.26	282 363.04
1 40 00	291 160.94	290 771.44	290 381.78	289 991.98	289 602.01
1 42 30	298 438.80	298 039.56	297 640.17	297 240.61	296 840.90
1 45 00	305 716.57	305 307.60	304 898.46	304 489.16	304 079.70
1 47 30	312 994.27	312 575.55	312 156.67	311 737.62	311 318.41
1 50 00	320 271.87	319 843.41	319 414.79	318 985.99	318 557.03
1 52 30	327 549.37	327 111.18	326 672.82	326 234.27	325 795.56
1 55 00	334 826.78	334 378.86	333 930.75	333 482.46	333 034.00
1 57 30	342 104.10	341 646.43	341 188.58	340 730.55	340 272.33
2 00 00	349 381.32	348 913.91	348 446.32	347 978.53	347 510.57
2 02 30	356 658.43	356 181.29	355 703.95	355 226.42	354 748.71
2 05 00	363 935.44	363 448.56	362 961.48	362 474.21	361 986.74
2 07 30	371 212.35	370 715.73	370 218.91	369 721.89	369 224.67
2 10 00	378 489.15	377 982.79	377 476.23	376 969.46	376 462.49
2 12 30	385 765.85	385 249.75	384 733.44	384 216.92	383 700.20
2 15 00	393 042.43	392 516.59	391 990.54	391 464.27	390 937.80
2 17 30	400 318.90	399 783.32	399 247.52	398 711.51	398 175.29
2 20 00	407 595.25	407 049.93	406 504.39	405 958.63	405 412.66
2 22 30	414 871.49	414 316.43	413 761.14	413 205.63	412 649.91
2 25 00	422 147.60	421 582.80	421 017.78	420 452.52	419 887.04
2 27 30	429 423.60	428 849.06	428 274.28	427 699.28	427 124.05
2 30 00	436 699.47	436 115.19	435 530.67	434 945.92	434 360.94
2 32 30	443 975.21	443 381.19	442 786.93	442 192.43	441 597.70
2 35 00	451 250.83	450 647.07	450 043.07	449 438.82	448 834.33
2 37 30	458 526.32	457 912.81	457 299.07	456 685.07	456 070.83
2 40 00	465 801.67	465 178.43	464 554.93	463 931.19	463 307.20
2 42 30	473 076.90	472 443.91	471 810.67	471 177.17	470 543.43
2 45 00	480 351.98	479 709.25	479 066.27	478 423.02	477 779.53
2 47 30	487 626.92	486 974.46	486 321.73	485 668.73	485 015.49
2 50 00	494 901.73	494 239.52	493 577.04	492 914.30	492 251.31
2 52 30	502 176.39	501 504.44	500 832.22	500 159.73	499 486.98
2 55 00	509 450.91	508 769.22	508 087.25	507 405.01	506 722.51
2 57 30	516 725.27	516 033.84	515 342.13	514 650.15	513 957.89
3 00 00	523 999.50	523 298.32	522 596.87	521 895.13	521 193.12

Second-difference correction to x' for indicated values of h and Δλ

Δλ \ h	0" 150"	15" 135"	30" 120"	45" 105"	60" 90"	75" 75"
0°	0	0	0	0	0	0
1°	0	+.01	+.01	+.02	+.02	+.02
2°	+.01	+.02	+.02	+.03	+.03	+.03
3°	+.01	+.03	+.04	+.04	+.05	+.05

Correction for k is negligible

ALASKA – ZONES 2 TO 9
STATE PLANE COORDINATES IN FEET – Y

Δλ \ φ	61 30 00	61 32 30	61 35 00	61 37 30	61 40 00
0 00 00	2740 230.98	2755 463.49	2770 696.10	2785 928.80	2801 161.60
0 02 30	2740 233.31	2755 465.82	2770 698.42	2785 931.12	2801 163.92
0 05 00	2740 240.29	2755 472.79	2770 705.39	2785 938.08	2801 170.87
0 07 30	2740 251.92	2755 484.41	2770 717.00	2785 949.68	2801 182.46
0 10 00	2740 268.20	2755 500.68	2770 733.25	2785 965.92	2801 198.68
0 12 30	2740 289.14	2755 521.59	2770 754.15	2785 986.79	2801 219.54
0 15 00	2740 314.73	2755 547.16	2770 779.68	2786 012.31	2801 245.03
0 17 30	2740 344.97	2755 577.37	2770 809.87	2786 042.46	2801 275.15
0 20 00	2740 379.86	2755 612.23	2770 844.69	2786 077.26	2801 309.91
0 22 30	2740 419.40	2755 651.74	2770 884.17	2786 116.69	2801 349.31
0 25 00	2740 463.60	2755 695.89	2770 928.28	2786 160.76	2801 393.34
0 27 30	2740 512.45	2755 744.69	2770 977.04	2786 209.47	2801 442.00
0 30 00	2740 565.95	2755 798.15	2771 030.44	2786 262.82	2801 495.30
0 32 30	2740 624.11	2755 856.25	2771 088.48	2786 320.81	2801 553.24
0 35 00	2740 686.91	2755 918.99	2771 151.17	2786 383.44	2801 615.80
0 37 30	2740 754.37	2755 986.39	2771 218.51	2786 450.71	2801 683.01
0 40 00	2740 826.48	2756 058.43	2771 290.48	2786 522.62	2801 754.85
0 42 30	2740 903.25	2756 135.13	2771 367.10	2786 599.16	2801 831.32
0 45 00	2740 984.67	2756 216.47	2771 448.36	2786 680.35	2801 912.43
0 47 30	2741 070.73	2756 302.45	2771 534.27	2786 766.17	2801 998.17
0 50 00	2741 161.46	2756 393.09	2771 624.82	2786 856.64	2802 088.55
0 52 30	2741 256.83	2756 488.37	2771 720.01	2786 951.74	2802 183.57
0 55 00	2741 356.86	2756 588.31	2771 819.85	2787 051.49	2802 283.21
0 57 30	2741 461.53	2756 692.89	2771 924.33	2787 155.87	2802 387.50
1 00 00	2741 570.87	2756 802.12	2772 033.46	2787 264.89	2802 496.42
1 02 30	2741 684.85	2756 915.99	2772 147.22	2787 378.55	2802 609.97
1 05 00	2741 803.49	2757 034.52	2772 265.64	2787 496.85	2802 728.15
1 07 30	2741 926.78	2757 157.69	2772 388.69	2787 619.79	2802 850.98
1 10 00	2742 054.72	2757 285.51	2772 516.40	2787 747.37	2802 978.44
1 12 30	2742 187.32	2757 417.98	2772 648.74	2787 879.59	2803 110.53
1 15 00	2742 324.56	2757 555.10	2772 785.73	2788 016.44	2803 247.25
1 17 30	2742 466.47	2757 696.87	2772 927.36	2788 157.94	2803 388.62
1 20 00	2742 613.02	2757 843.28	2773 073.64	2788 304.08	2803 534.62
1 22 30	2742 764.23	2757 994.35	2773 224.55	2788 454.86	2803 685.25
1 25 00	2742 920.08	2758 150.06	2773 380.12	2788 610.28	2803 840.52
1 27 30	2743 080.59	2758 310.42	2773 540.33	2788 770.33	2804 000.42
1 30 00	2743 245.76	2758 475.42	2773 705.18	2788 935.03	2804 164.96
1 32 30	2743 415.58	2758 645.08	2773 874.68	2789 104.36	2804 334.14
1 35 00	2743 590.05	2758 819.39	2774 048.82	2789 278.34	2804 507.94
1 37 30	2743 769.17	2758 998.34	2774 227.60	2789 456.95	2804 686.39
1 40 00	2743 952.95	2759 181.95	2774 411.04	2789 640.21	2804 869.47
1 42 30	2744 141.38	2759 370.20	2774 599.11	2789 828.10	2805 057.18
1 45 00	2744 334.46	2759 563.10	2774 791.83	2790 020.64	2805 249.54
1 47 30	2744 532.19	2759 760.65	2774 989.19	2790 217.81	2805 446.52
1 50 00	2744 734.59	2759 962.85	2775 191.19	2790 419.63	2805 648.14
1 52 30	2744 941.63	2760 169.69	2775 397.84	2790 626.08	2805 854.40
1 55 00	2745 153.33	2760 381.19	2775 609.14	2790 837.18	2806 065.30
1 57 30	2745 369.67	2760 597.34	2775 825.08	2791 052.91	2806 280.83
2 00 00	2745 590.67	2760 818.13	2776 045.66	2791 273.29	2806 500.99
2 02 30	2745 816.33	2761 043.57	2776 270.89	2791 498.30	2806 725.79
2 05 00	2746 046.64	2761 273.66	2776 500.77	2791 727.96	2806 955.23
2 07 30	2746 281.60	2761 508.40	2776 735.29	2791 962.25	2807 189.30
2 10 00	2746 521.22	2761 747.79	2776 974.45	2792 201.18	2807 428.01
2 12 30	2746 765.49	2761 991.83	2777 218.26	2792 444.76	2807 671.35
2 15 00	2747 014.41	2762 240.52	2777 466.71	2792 692.98	2807 919.33
2 17 30	2747 267.99	2762 493.85	2777 719.81	2792 945.83	2808 171.95
2 20 00	2747 526.22	2762 751.84	2777 977.55	2793 203.33	2808 429.20
2 22 30	2747 789.10	2763 014.48	2778 239.94	2793 465.47	2808 691.09
2 25 00	2748 056.64	2763 281.76	2778 506.97	2793 732.25	2808 957.61
2 27 30	2748 328.83	2763 553.70	2778 778.64	2794 003.67	2809 228.77
2 30 00	2748 605.68	2763 830.28	2779 054.97	2794 279.73	2809 504.56
2 32 30	2748 887.18	2764 111.52	2779 335.93	2794 560.42	2809 785.00
2 35 00	2749 173.33	2764 397.40	2779 621.55	2794 845.77	2810 070.07
2 37 30	2749 464.14	2764 687.93	2779 911.81	2795 135.75	2810 359.77
2 40 00	2749 759.61	2764 983.11	2780 206.71	2795 430.37	2810 654.11
2 42 30	2750 059.72	2765 282.95	2780 506.26	2795 729.63	2810 953.09
2 45 00	2750 364.49	2765 587.43	2780 810.45	2796 033.54	2811 256.71
2 47 30	2750 673.92	2765 896.56	2781 119.29	2796 342.08	2811 564.96
2 50 00	2750 988.00	2766 210.35	2781 432.78	2796 655.27	2811 877.85
2 52 30	2751 306.73	2766 528.78	2781 750.91	2796 973.10	2812 195.37
2 55 00	2751 630.12	2766 851.86	2782 073.68	2797 295.57	2812 517.53
2 57 30	2751 958.16	2767 179.59	2782 401.10	2797 622.68	2812 844.33
3 00 00	2752 290.86	2767 511.97	2782 733.17	2797 954.43	2813 175.77

Second-difference correction to y for indicated value of k (for all Δλ's)

k	0" 150"	5" 145"	10" 140"	15" 135"	20" 130"	25" 125"	30" 120"	35" 115"	40" 110"	45" 105"	50" 100"	55" 95"	60" 90"	65" 85"	70" 80"	75" 75"
Correction	-.01	-.08	-.15	-.22	-.28	-.33	-.38	-.42	-.46	-.49	-.52	-.54	-.56	-.57	-.58	-.58

Correction for h is negligible

ALASKA – ZONES 2 TO 9
STATE PLANE COORDINATES IN FEET – X'

Δλ \ φ	61 40 00	61 42 30	61 45 00	61 47 30	61 50 00
0 00 00	0.00	0.00	0.00	0.00	0.00
0 02 30	7 240.61	7 230.86	7 221.10	7 211.34	7 201.58
0 05 00	14 481.22	14 461.71	14 442.20	14 422.68	14 403.15
0 07 30	21 721.82	21 692.56	21 663.30	21 634.02	21 604.72
0 10 00	28 962.42	28 923.41	28 884.39	28 845.35	28 806.29
0 12 30	36 203.01	36 154.25	36 105.47	36 056.67	36 007.85
0 15 00	43 443.59	43 385.08	43 326.54	43 267.98	43 209.39
0 17 30	50 684.16	50 615.89	50 547.60	50 479.27	50 410.92
0 20 00	57 924.71	57 846.69	57 768.64	57 690.56	57 612.44
0 22 30	65 165.24	65 077.47	64 989.66	64 901.82	64 813.95
0 25 00	72 405.76	72 308.23	72 210.67	72 113.07	72 015.43
0 27 30	79 646.26	79 538.98	79 431.66	79 324.29	79 216.89
0 30 00	86 886.73	86 769.70	86 652.62	86 535.50	86 418.33
0 32 30	94 127.17	94 000.39	93 873.56	93 746.68	93 619.74
0 35 00	101 367.60	101 231.06	101 094.47	100 957.82	100 821.13
0 37 30	108 607.98	108 461.70	108 315.35	108 168.95	108 022.48
0 40 00	115 848.34	115 692.30	115 536.20	115 380.03	115 223.81
0 42 30	123 088.67	122 922.87	122 757.01	122 591.09	122 425.10
0 45 00	130 328.96	130 153.41	129 977.79	129 802.11	129 626.35
0 47 30	137 569.21	137 383.91	137 198.53	137 013.09	136 827.57
0 50 00	144 809.42	144 614.37	144 419.24	144 224.03	144 028.74
0 52 30	152 049.59	151 844.78	151 639.90	151 434.93	151 229.88
0 55 00	159 289.72	159 075.16	158 860.51	158 645.79	158 430.97
0 57 30	166 529.79	166 305.48	166 081.08	165 856.59	165 632.01
1 00 00	173 769.82	173 535.76	173 301.60	173 067.35	172 833.01
1 02 30	181 009.81	180 765.99	180 522.07	180 278.06	180 033.95
1 05 00	188 249.73	187 996.16	187 742.49	187 488.72	187 234.85
1 07 30	195 489.60	195 226.28	194 962.85	194 699.32	194 435.68
1 10 00	202 729.42	202 456.34	202 183.16	201 909.87	201 636.46
1 12 30	209 969.18	209 686.35	209 403.40	209 120.35	208 837.18
1 15 00	217 208.87	216 916.29	216 623.59	216 330.77	216 037.85
1 17 30	224 448.51	224 146.17	223 843.71	223 541.13	223 238.44
1 20 00	231 688.08	231 375.99	231 063.77	230 751.43	230 438.97
1 22 30	238 927.57	238 605.73	238 283.76	237 961.66	237 639.44
1 25 00	246 167.00	245 835.41	245 503.68	245 171.82	244 839.83
1 27 30	253 406.36	253 065.01	252 723.52	252 381.90	252 040.15
1 30 00	260 645.65	260 294.55	259 943.30	259 591.92	259 240.40
1 32 30	267 884.86	267 524.00	267 163.00	266 801.85	266 440.57
1 35 00	275 123.99	274 753.38	274 382.62	274 011.71	273 640.66
1 37 30	282 363.04	281 982.68	281 602.16	281 221.49	280 840.68
1 40 00	289 602.01	289 211.90	288 821.62	288 431.19	288 040.61
1 42 30	296 840.90	296 441.03	296 041.00	295 640.81	295 240.46
1 45 00	304 079.70	303 670.07	303 260.28	302 850.33	302 440.22
1 47 30	311 318.41	310 899.03	310 479.48	310 059.77	309 639.89
1 50 00	318 557.03	318 127.89	317 698.59	317 269.11	316 839.47
1 52 30	325 795.56	325 356.67	324 917.60	324 478.37	324 038.95
1 55 00	333 034.00	332 585.35	332 136.52	331 687.53	331 238.35
1 57 30	340 272.33	339 813.93	339 355.35	338 896.59	338 437.64
2 00 00	347 510.57	347 042.42	346 574.07	346 105.55	345 636.84
2 02 30	354 748.71	354 270.80	353 792.70	353 314.41	352 835.93
2 05 00	361 986.74	361 499.07	361 011.22	360 523.17	360 034.93
2 07 30	369 224.67	368 727.25	368 229.63	367 731.82	367 233.81
2 10 00	376 462.49	375 955.32	375 447.94	374 940.37	374 432.59
2 12 30	383 700.20	383 183.28	382 666.14	382 148.80	381 631.26
2 15 00	390 937.80	390 411.12	389 884.23	389 357.13	388 829.82
2 17 30	398 175.29	397 638.85	397 102.20	396 565.33	396 028.26
2 20 00	405 412.66	404 866.47	404 320.05	403 773.43	403 226.59
2 22 30	412 649.91	412 093.96	411 537.79	410 981.40	410 424.79
2 25 00	419 887.04	419 321.34	418 755.41	418 189.26	417 622.88
2 27 30	427 124.05	426 548.60	425 972.90	425 396.99	424 820.85
2 30 00	434 360.94	433 775.73	433 190.28	432 604.60	432 018.69
2 32 30	441 597.70	441 002.73	440 407.52	439 812.08	439 216.40
2 35 00	448 834.33	448 229.61	447 624.64	447 019.43	446 413.99
2 37 30	456 070.83	455 456.35	454 841.62	454 226.65	453 611.44
2 40 00	463 307.20	462 682.96	462 058.47	461 433.74	460 808.76
2 42 30	470 543.43	469 909.44	469 275.19	468 640.69	468 005.94
2 45 00	477 779.53	477 135.78	476 491.77	475 847.51	475 202.99
2 47 30	485 015.49	484 361.98	483 708.21	483 054.19	482 399.90
2 50 00	492 251.31	491 588.04	490 924.51	490 260.72	489 596.67
2 52 30	499 486.98	498 813.96	498 140.67	497 467.12	496 793.29
2 55 00	506 722.51	506 039.73	505 356.68	504 673.36	503 989.77
2 57 30	513 957.89	513 265.35	512 572.54	511 879.46	511 186.10
3 00 00	521 193.12	520 490.83	519 788.25	519 085.41	518 382.28

Second-difference correction to x' for indicated values of h and Δλ

Δλ \ h	0" 150"	15" 135"	30" 120"	45" 105"	60" 90"	75" 75"
0°	0	0	0	0	0	0
1°	0	+.01	+.01	+.02	+.02	+.02
2°	+.01	+.02	+.02	+.03	+.03	+.03
3°	+.01	+.03	+.04	+.04	+.05	+.05

Correction for k is negligible

ALASKA – ZONES 2 TO 9
STATE PLANE COORDINATES IN FEET – Y

Δλ \ φ	61 40 00	61 42 30	61 45 00	61 47 30	61 50 00
0 00 00	2801 161.60	2816 394.50	2831 627.48	2846 860.57	2862 093.74
0 02 30	2801 163.92	2816 396.81	2831 629.80	2846 862.88	2862 096.05
0 05 00	2801 170.87	2816 403.76	2831 636.73	2846 869.81	2862 102.97
0 07 30	2801 182.46	2816 415.33	2831 648.30	2846 881.36	2862 114.52
0 10 00	2801 198.68	2816 431.54	2831 664.49	2846 897.54	2862 130.68
0 12 30	2801 219.54	2816 452.38	2831 685.31	2846 918.33	2862 151.45
0 15 00	2801 245.03	2816 477.84	2831 710.75	2846 943.75	2862 176.84
0 17 30	2801 275.15	2816 507.94	2831 740.82	2846 973.79	2862 206.86
0 20 00	2801 309.91	2816 542.67	2831 775.51	2847 008.45	2862 241.48
0 22 30	2801 349.31	2816 582.02	2831 814.83	2847 047.73	2862 280.73
0 25 00	2801 393.34	2816 626.01	2831 858.77	2847 091.63	2862 324.59
0 27 30	2801 442.00	2816 674.63	2831 907.35	2847 140.16	2862 373.06
0 30 00	2801 495.30	2816 727.88	2831 960.54	2847 193.31	2862 426.16
0 32 30	2801 553.24	2816 785.76	2832 018.37	2847 251.07	2862 483.87
0 35 00	2801 615.80	2816 848.27	2832 080.82	2847 313.46	2862 546.20
0 37 30	2801 683.01	2816 915.41	2832 147.90	2847 380.48	2862 613.15
0 40 00	2801 754.85	2816 987.18	2832 219.59	2847 452.11	2862 684.71
0 42 30	2801 831.32	2817 063.58	2832 295.92	2847 528.36	2862 760.89
0 45 00	2801 912.43	2817 144.61	2832 376.87	2847 609.24	2862 841.69
0 47 30	2801 998.17	2817 230.27	2832 462.45	2847 694.73	2862 927.10
0 50 00	2802 088.55	2817 320.56	2832 552.66	2847 784.85	2863 017.13
0 52 30	2802 183.57	2817 415.48	2832 647.49	2847 879.59	2863 111.78
0 55 00	2802 283.21	2817 515.04	2832 746.95	2847 978.96	2863 211.05
0 57 30	2802 387.50	2817 619.22	2832 851.03	2848 082.94	2863 314.93
1 00 00	2802 496.42	2817 728.04	2832 959.74	2848 191.54	2863 423.43
1 02 30	2802 609.97	2817 841.48	2833 073.07	2848 304.77	2863 536.55
1 05 00	2802 728.15	2817 959.55	2833 191.04	2848 422.62	2863 654.29
1 07 30	2802 850.98	2818 082.26	2833 313.62	2848 545.09	2863 776.64
1 10 00	2802 978.44	2818 209.60	2833 440.84	2848 672.18	2863 903.60
1 12 30	2803 110.53	2818 341.56	2833 572.68	2848 803.89	2864 035.19
1 15 00	2803 247.25	2818 478.16	2833 709.15	2848 940.23	2864 171.39
1 17 30	2803 388.62	2818 619.39	2833 850.24	2849 081.18	2864 312.21
1 20 00	2803 534.62	2818 765.24	2833 995.96	2849 226.76	2864 457.65
1 22 30	2803 685.25	2818 915.73	2834 146.30	2849 376.96	2864 607.71
1 25 00	2803 840.52	2819 070.85	2834 301.27	2849 531.78	2864 762.38
1 27 30	2804 000.42	2819 230.60	2834 460.87	2849 691.23	2864 921.67
1 30 00	2804 164.96	2819 394.98	2834 625.09	2849 855.29	2865 085.58
1 32 30	2804 334.14	2819 564.00	2834 793.94	2850 023.98	2865 254.11
1 35 00	2804 507.94	2819 737.64	2834 967.42	2850 197.29	2865 427.24
1 37 30	2804 686.39	2819 915.91	2835 145.52	2850 375.22	2865 605.00
1 40 00	2804 869.47	2820 098.82	2835 328.26	2850 557.78	2865 787.38
1 42 30	2805 057.18	2820 286.36	2835 515.61	2850 744.95	2865 974.38
1 45 00	2805 249.54	2820 478.53	2835 707.60	2850 936.75	2866 165.99
1 47 30	2805 446.52	2820 675.32	2835 904.20	2851 133.17	2866 362.22
1 50 00	2805 648.14	2820 876.75	2836 105.44	2851 334.22	2866 563.07
1 52 30	2805 854.40	2821 082.82	2836 311.30	2851 539.88	2866 768.54
1 55 00	2806 065.30	2821 293.50	2836 521.79	2851 750.17	2866 978.62
1 57 30	2806 280.83	2821 508.83	2836 736.91	2851 965.08	2867 193.32
2 00 00	2806 500.99	2821 728.78	2836 956.65	2852 184.61	2867 412.64
2 02 30	2806 725.79	2821 953.37	2837 181.02	2852 408.76	2867 636.58
2 05 00	2806 955.23	2822 182.58	2837 410.02	2852 637.54	2867 865.14
2 07 30	2807 189.30	2822 416.43	2837 643.64	2852 870.93	2868 098.31
2 10 00	2807 428.01	2822 654.91	2837 881.89	2853 108.96	2868 336.10
2 12 30	2807 671.35	2822 898.02	2838 124.77	2853 351.60	2868 578.51
2 15 00	2807 919.33	2823 145.77	2838 372.28	2853 598.87	2868 825.54
2 17 30	2808 171.95	2823 398.14	2838 624.41	2853 850.76	2869 077.18
2 20 00	2808 429.20	2823 655.15	2838 881.16	2854 107.27	2869 333.45
2 22 30	2808 691.09	2823 916.78	2839 142.55	2854 368.41	2869 594.33
2 25 00	2808 957.61	2824 183.05	2839 408.56	2854 634.16	2869 859.83
2 27 30	2809 228.77	2824 453.95	2839 679.21	2854 904.54	2870 129.95
2 30 00	2809 504.56	2824 729.48	2839 954.47	2855 179.54	2870 404.69
2 32 30	2809 785.00	2825 009.65	2840 234.37	2855 459.17	2870 684.04
2 35 00	2810 070.07	2825 294.45	2840 518.89	2855 743.42	2870 968.02
2 37 30	2810 359.77	2825 583.87	2840 808.04	2856 032.29	2871 256.61
2 40 00	2810 654.11	2825 877.93	2841 101.82	2856 325.78	2871 549.82
2 42 30	2810 953.09	2826 176.62	2841 400.22	2856 623.91	2871 847.65
2 45 00	2811 256.71	2826 479.95	2841 703.26	2856 926.64	2872 150.10
2 47 30	2811 564.96	2826 787.91	2842 010.92	2857 234.01	2872 457.16
2 50 00	2811 877.85	2827 100.50	2842 323.21	2857 546.00	2872 768.85
2 52 30	2812 195.37	2827 417.72	2842 640.12	2857 862.61	2873 085.16
2 55 00	2812 517.53	2827 739.57	2842 961.67	2858 183.84	2873 406.08
2 57 30	2812 844.33	2828 066.06	2843 287.84	2858 509.70	2873 731.63
3 00 00	2813 175.77	2828 397.17	2843 618.64	2858 840.18	2874 061.79

Second-difference correction to y for indicated value of k (for all Δλ's)

k	0" 150"	5" 145"	10" 140"	15" 135"	20" 130"	25" 125"	30" 120"	35" 115"	40" 110"	45" 105"	50" 100"	55" 95"	60" 90"	65" 85"	70" 80"	75" 75"
Correction	-.01	-.08	-.15	-.22	-.28	-.33	-.38	-.42	-.46	-.49	-.52	-.54	-.56	-.57	-.58	-.58

Correction for h is negligible

ALASKA – ZONES 2 TO 9
STATE PLANE COORDINATES IN FEET – X'

Δλ \ φ	61 50 00	61 52 30	61 55 00	61 57 30	62 00 00
0 00 00	0.00	0.00	0.00	0.00	0.00
0 02 30	7 201.58	7 191.81	7 182.04	7 172.26	7 162.48
0 05 00	14 403.15	14 383.62	14 364.07	14 344.52	14 324.96
0 07 30	21 604.72	21 575.42	21 546.11	21 516.78	21 487.44
0 10 00	28 806.29	28 767.22	28 728.13	28 689.03	28 649.91
0 12 30	36 007.85	35 959.01	35 910.15	35 861.27	35 812.37
0 15 00	43 209.39	43 150.78	43 092.15	43 033.50	42 974.82
0 17 30	50 410.92	50 342.55	50 274.14	50 205.72	50 137.26
0 20 00	57 612.44	57 534.30	57 456.13	57 377.92	57 299.68
0 22 30	64 813.95	64 726.04	64 638.09	64 550.11	64 462.09
0 25 00	72 015.43	71 917.75	71 820.03	71 722.27	71 624.48
0 27 30	79 216.89	79 109.44	79 001.95	78 894.42	78 786.84
0 30 00	86 418.33	86 301.11	86 183.85	86 066.54	85 949.19
0 32 30	93 619.74	93 492.76	93 365.72	93 238.64	93 111.50
0 35 00	100 821.13	100 684.38	100 547.56	100 410.70	100 273.79
0 37 30	108 022.48	107 875.96	107 729.38	107 582.74	107 436.05
0 40 00	115 223.81	115 067.52	114 911.17	114 754.75	114 598.28
0 42 30	122 425.10	122 259.04	122 092.92	121 926.73	121 760.48
0 45 00	129 626.35	129 450.53	129 274.63	129 098.67	128 922.64
0 47 30	136 827.57	136 641.97	136 456.31	136 270.57	136 084.75
0 50 00	144 028.74	143 833.38	143 637.94	143 442.43	143 246.84
0 52 30	151 229.88	151 024.75	150 819.54	150 614.25	150 408.87
0 55 00	158 430.97	158 216.07	158 001.09	157 786.02	157 570.87
0 57 30	165 632.01	165 407.35	165 182.59	164 957.75	164 732.82
1 00 00	172 833.01	172 598.58	172 364.05	172 129.43	171 894.71
1 02 30	180 033.95	179 789.75	179 545.45	179 301.05	179 056.56
1 05 00	187 234.85	186 980.87	186 726.80	186 472.63	186 218.35
1 07 30	194 435.68	194 171.94	193 908.10	193 644.15	193 380.09
1 10 00	201 636.46	201 362.95	201 089.34	200 815.61	200 541.77
1 12 30	208 837.18	208 553.91	208 270.52	207 987.01	207 703.40
1 15 00	216 037.85	215 744.80	215 451.63	215 158.36	214 864.96
1 17 30	223 238.44	222 935.62	222 632.69	222 329.63	222 026.46
1 20 00	230 438.97	230 126.39	229 813.68	229 500.85	229 187.89
1 22 30	237 639.44	237 317.08	236 994.60	236 671.99	236 349.25
1 25 00	244 839.83	244 507.70	244 175.45	243 843.07	243 510.55
1 27 30	252 040.15	251 698.25	251 356.23	251 014.07	250 671.77
1 30 00	259 240.40	258 888.73	258 536.94	258 185.00	257 832.92
1 32 30	266 440.57	266 079.14	265 717.57	265 355.85	264 993.99
1 35 00	273 640.66	273 269.46	272 898.12	272 526.62	272 154.99
1 37 30	280 840.68	280 459.71	280 078.59	279 697.32	279 315.90
1 40 00	288 040.61	287 649.87	287 258.98	286 867.93	286 476.73
1 42 30	295 240.46	294 839.95	294 439.28	294 038.46	293 637.48
1 45 00	302 440.22	302 029.94	301 619.50	301 208.90	300 798.14
1 47 30	309 639.89	309 219.84	308 799.63	308 379.25	307 958.71
1 50 00	316 839.47	316 409.65	315 979.67	315 549.51	315 119.19
1 52 30	324 038.95	323 599.37	323 159.61	322 719.68	322 279.58
1 55 00	331 238.35	330 788.99	330 339.46	329 889.75	329 439.87
1 57 30	338 437.64	337 978.52	337 519.21	337 059.72	336 600.06
2 00 00	345 636.84	345 167.94	344 698.86	344 229.60	343 760.15
2 02 30	352 835.93	352 357.27	351 878.42	351 399.37	350 920.14
2 05 00	360 034.93	359 546.49	359 057.86	358 569.04	358 080.03
2 07 30	367 233.81	366 735.61	366 237.21	365 738.61	365 239.81
2 10 00	374 432.59	373 924.62	373 416.44	372 908.06	372 399.49
2 12 30	381 631.26	381 113.51	380 595.56	380 077.41	379 559.05
2 15 00	388 829.82	388 302.30	387 774.58	387 246.64	386 718.51
2 17 30	396 028.26	395 490.97	394 953.47	394 415.76	393 877.84
2 20 00	403 226.59	402 679.53	402 132.26	401 584.76	401 037.07
2 22 30	410 424.79	409 867.97	409 310.92	408 753.65	408 196.17
2 25 00	417 622.88	417 056.28	416 489.46	415 922.41	415 355.14
2 27 30	424 820.85	424 244.48	423 667.88	423 091.05	422 514.00
2 30 00	432 018.69	431 432.55	430 846.17	430 259.57	429 672.74
2 32 30	439 216.40	438 620.49	438 024.34	437 427.96	436 831.34
2 35 00	446 413.99	445 808.30	445 202.38	444 596.22	443 989.82
2 37 30	453 611.44	452 995.98	452 380.29	451 764.35	451 148.17
2 40 00	460 808.76	460 183.53	459 558.06	458 932.34	458 306.38
2 42 30	468 005.94	467 370.95	466 735.70	466 100.20	465 464.45
2 45 00	475 202.99	474 558.22	473 913.20	473 267.92	472 622.39
2 47 30	482 399.90	481 745.36	481 090.56	480 435.50	479 780.20
2 50 00	489 596.67	488 932.35	488 267.78	487 602.94	486 937.85
2 52 30	496 793.29	496 119.20	495 444.86	494 770.24	494 095.36
2 55 00	503 989.77	503 305.91	502 621.79	501 937.39	501 252.73
2 57 30	511 186.10	510 492.47	509 798.57	509 104.39	508 409.94
3 00 00	518 382.28	517 678.88	516 975.20	516 271.24	515 567.01

Second-difference correction to x' for indicated values of h and Δλ

Δλ \ h	0" 150"	15" 135"	30" 120"	45" 105"	60" 90"	75" 75"
0°	0	0	0	0	0	0
1°	0	+.01	+.01	+.02	+.02	+.02
2°	+.01	+.02	+.02	+.03	+.03	+.03
3°	+.01	+.03	+.04	+.04	+.05	+.05

Correction for k is negligible

ALASKA – ZONES 2 TO 9
STATE PLANE COORDINATES IN FEET – Y

Δλ \ φ	61 50 00	61 52 30	61 55 00	61 57 30	62 00 00
0 00 00	2862 093.74	2877 327.01	2892 560.37	2907 793.83	2923 027.38
0 02 30	2862 096.05	2877 329.32	2892 562.68	2907 796.13	2923 029.68
0 05 00	2862 102.97	2877 336.24	2892 569.59	2907 803.04	2923 036.58
0 07 30	2862 114.52	2877 347.77	2892 581.11	2907 814.54	2923 048.08
0 10 00	2862 130.68	2877 363.91	2892 597.24	2907 830.66	2923 064.17
0 12 30	2862 151.45	2877 384.67	2892 617.97	2907 851.37	2923 084.87
0 15 00	2862 176.84	2877 410.04	2892 643.32	2907 876.69	2923 110.16
0 17 30	2862 206.86	2877 440.02	2892 673.27	2907 906.61	2923 140.06
0 20 00	2862 241.48	2877 474.61	2892 707.83	2907 941.14	2923 174.55
0 22 30	2862 280.73	2877 513.81	2892 747.00	2907 980.27	2923 213.64
0 25 00	2862 324.59	2877 557.63	2892 790.77	2908 024.01	2923 257.33
0 27 30	2862 373.06	2877 606.07	2892 839.15	2908 072.34	2923 305.62
0 30 00	2862 426.16	2877 659.11	2892 892.15	2908 125.28	2923 358.51
0 32 30	2862 483.87	2877 716.76	2892 949.75	2908 182.83	2923 416.00
0 35 00	2862 546.20	2877 779.03	2893 011.96	2908 244.97	2923 478.09
0 37 30	2862 613.15	2877 845.92	2893 078.78	2908 311.73	2923 544.77
0 40 00	2862 684.71	2877 917.41	2893 150.20	2908 383.08	2923 616.06
0 42 30	2862 760.89	2877 993.52	2893 226.23	2908 459.04	2923 691.94
0 45 00	2862 841.69	2878 074.23	2893 306.87	2908 539.60	2923 772.43
0 47 30	2862 927.10	2878 159.56	2893 392.12	2908 624.77	2923 857.51
0 50 00	2863 017.13	2878 249.51	2893 481.98	2908 714.54	2923 947.19
0 52 30	2863 111.78	2878 344.07	2893 576.44	2908 808.91	2924 041.47
0 55 00	2863 211.05	2878 443.24	2893 675.51	2908 907.89	2924 140.35
0 57 30	2863 314.93	2878 547.02	2893 779.20	2909 011.47	2924 243.83
1 00 00	2863 423.43	2878 655.41	2893 887.49	2909 119.65	2924 351.91
1 02 30	2863 536.55	2878 768.42	2894 000.39	2909 232.44	2924 464.59
1 05 00	2863 654.29	2878 886.04	2894 117.89	2909 349.83	2924 581.86
1 07 30	2863 776.64	2879 008.28	2894 240.01	2909 471.83	2924 703.74
1 10 00	2863 903.60	2879 135.12	2894 366.73	2909 598.43	2924 830.22
1 12 30	2864 035.19	2879 266.58	2894 498.06	2909 729.63	2924 961.29
1 15 00	2864 171.39	2879 402.65	2894 634.00	2909 865.44	2925 096.96
1 17 30	2864 312.21	2879 543.34	2894 774.54	2910 005.85	2925 237.24
1 20 00	2864 457.65	2879 688.63	2894 919.71	2910 150.86	2925 382.11
1 22 30	2864 607.71	2879 838.54	2895 069.47	2910 300.48	2925 531.58
1 25 00	2864 762.38	2879 993.07	2895 223.84	2910 454.70	2925 685.65
1 27 30	2864 921.67	2880 152.21	2895 382.82	2910 613.53	2925 844.33
1 30 00	2865 085.58	2880 315.95	2895 546.41	2910 776.96	2926 007.60
1 32 30	2865 254.11	2880 484.32	2895 714.61	2910 944.99	2926 175.47
1 35 00	2865 427.24	2880 657.29	2895 887.42	2911 117.63	2926 347.94
1 37 30	2865 605.00	2880 834.88	2896 064.83	2911 294.88	2926 525.01
1 40 00	2865 787.38	2881 017.08	2896 246.86	2911 476.72	2926 706.68
1 42 30	2865 974.38	2881 203.89	2896 433.49	2911 663.18	2926 892.95
1 45 00	2866 165.99	2881 395.32	2896 624.73	2911 854.23	2927 083.81
1 47 30	2866 362.22	2881 591.36	2896 820.58	2912 049.89	2927 279.28
1 50 00	2866 563.07	2881 792.01	2897 021.04	2912 250.15	2927 479.35
1 52 30	2866 768.54	2881 997.28	2897 226.11	2912 455.02	2927 684.02
1 55 00	2866 978.62	2882 207.17	2897 435.79	2912 664.50	2927 893.28
1 57 30	2867 193.32	2882 421.66	2897 650.07	2912 878.57	2928 107.15
2 00 00	2867 412.64	2882 640.76	2897 868.97	2913 097.25	2928 325.62
2 02 30	2867 636.58	2882 864.49	2898 092.47	2913 320.54	2928 548.69
2 05 00	2867 865.14	2883 092.82	2898 320.58	2913 548.43	2928 776.35
2 07 30	2868 098.31	2883 325.77	2898 553.30	2913 780.92	2929 008.62
2 10 00	2868 336.10	2883 563.33	2898 790.63	2914 018.02	2929 245.49
2 12 30	2868 578.51	2883 805.50	2899 032.57	2914 259.72	2929 486.96
2 15 00	2868 825.54	2884 052.29	2899 279.12	2914 506.03	2929 733.02
2 17 30	2869 077.18	2884 303.69	2899 530.28	2914 756.94	2929 983.69
2 20 00	2869 333.45	2884 559.71	2899 786.04	2915 012.46	2930 238.96
2 22 30	2869 594.33	2884 820.34	2900 046.42	2915 272.58	2930 498.83
2 25 00	2869 859.83	2885 085.58	2900 311.41	2915 537.31	2930 763.29
2 27 30	2870 129.95	2885 355.44	2900 581.00	2915 806.64	2931 032.36
2 30 00	2870 404.69	2885 629.91	2900 855.21	2916 080.58	2931 306.04
2 32 30	2870 684.04	2885 908.99	2901 134.02	2916 359.12	2931 584.30
2 35 00	2870 968.02	2886 192.70	2901 417.44	2916 642.27	2931 867.17
2 37 30	2871 256.61	2886 481.01	2901 705.48	2916 930.02	2932 154.64
2 40 00	2871 549.82	2886 773.94	2901 998.12	2917 222.38	2932 446.71
2 42 30	2871 847.65	2887 071.48	2902 295.37	2917 519.34	2932 743.39
2 45 00	2872 150.10	2887 373.63	2902 597.23	2917 820.91	2933 044.66
2 47 30	2872 457.16	2887 680.40	2902 903.71	2918 127.08	2933 350.53
2 50 00	2872 768.85	2887 991.79	2903 214.79	2918 437.86	2933 661.01
2 52 30	2873 085.16	2888 307.78	2903 530.48	2918 753.24	2933 976.08
2 55 00	2873 406.08	2888 628.40	2903 850.78	2919 073.23	2934 295.76
2 57 30	2873 731.63	2888 953.62	2904 175.69	2919 397.83	2934 620.03
3 00 00	2874 061.79	2889 283.47	2904 505.21	2919 727.02	2934 948.91

Second-difference correction to y for indicated value of k (for all Δλ's)

k	0" 150"	5" 145"	10" 140"	15" 135"	20" 130"	25" 125"	30" 120"	35" 115"	40" 110"	45" 105"	50" 100"	55" 95"	60" 90"	65" 85"	70" 80"	75" 75"
Correction	-.01	-.08	-.15	-.22	-.28	-.33	-.38	-.42	-.46	-.49	-.52	-.54	-.56	-.57	-.58	-.58

Correction for h is negligible

ALASKA – ZONES 2 TO 9
STATE PLANE COORDINATES IN FEET – X'

Δλ \ φ	62 00 00	62 02 30	62 05 00	62 07 30	62 10 00
0 00 00	0.00	0.00	0.00	0.00	0.00
0 02 30	7 162.48	7 152.70	7 142.91	7 133.12	7 123.33
0 05 00	14 324.96	14 305.39	14 285.82	14 266.24	14 246.65
0 07 30	21 487.44	21 458.09	21 428.73	21 399.35	21 369.97
0 10 00	28 649.91	28 610.78	28 571.63	28 532.46	28 493.28
0 12 30	35 812.37	35 763.46	35 714.52	35 665.57	35 616.59
0 15 00	42 974.82	42 916.12	42 857.40	42 798.65	42 739.88
0 17 30	50 137.26	50 068.77	50 000.26	49 931.73	49 863.16
0 20 00	57 299.68	57 221.41	57 143.12	57 064.79	56 986.43
0 22 30	64 462.09	64 374.04	64 285.95	64 197.83	64 109.68
0 25 00	71 624.48	71 526.64	71 428.77	71 330.86	71 232.91
0 27 30	78 786.84	78 679.23	78 571.57	78 463.87	78 356.12
0 30 00	85 949.19	85 831.78	85 714.34	85 596.85	85 479.31
0 32 30	93 111.50	92 984.32	92 857.08	92 729.80	92 602.47
0 35 00	100 273.79	100 136.82	99 999.80	99 862.73	99 725.60
0 37 30	107 436.05	107 289.30	107 142.49	106 995.63	106 848.70
0 40 00	114 598.28	114 441.75	114 285.15	114 128.49	113 971.77
0 42 30	121 760.48	121 594.16	121 427.78	121 261.32	121 094.81
0 45 00	128 922.64	128 746.53	128 570.36	128 394.12	128 217.81
0 47 30	136 084.75	135 898.87	135 712.91	135 526.88	135 340.77
0 50 00	143 246.84	143 051.17	142 855.42	142 659.60	142 463.70
0 52 30	150 408.87	150 203.42	149 997.89	149 792.27	149 586.58
0 55 00	157 570.87	157 355.63	157 140.31	156 924.90	156 709.41
0 57 30	164 732.82	164 507.79	164 282.69	164 057.49	163 832.20
1 00 00	171 894.71	171 659.91	171 425.01	171 190.02	170 954.94
1 02 30	179 056.56	178 811.97	178 567.29	178 322.51	178 077.63
1 05 00	186 218.35	185 963.98	185 709.51	185 454.94	185 200.27
1 07 30	193 380.09	193 115.94	192 851.68	192 587.31	192 322.85
1 10 00	200 541.77	200 267.83	199 993.79	199 719.63	199 445.37
1 12 30	207 703.40	207 419.67	207 135.84	206 851.89	206 567.83
1 15 00	214 864.96	214 571.45	214 277.83	213 984.09	213 690.24
1 17 30	222 026.46	221 723.17	221 419.75	221 116.22	220 812.57
1 20 00	229 187.89	228 874.81	228 561.62	228 248.29	227 934.85
1 22 30	236 349.25	236 026.39	235 703.41	235 380.29	235 057.05
1 25 00	243 510.55	243 177.90	242 845.13	242 512.22	242 179.18
1 27 30	250 671.77	250 329.34	249 986.78	249 644.08	249 301.25
1 30 00	257 832.92	257 480.71	257 128.35	256 775.86	256 423.23
1 32 30	264 993.99	264 631.99	264 269.85	263 907.57	263 545.15
1 35 00	272 154.99	271 783.21	271 411.27	271 039.20	270 666.98
1 37 30	279 315.90	278 934.33	278 552.62	278 170.75	277 788.73
1 40 00	286 476.73	286 085.38	285 693.87	285 302.21	284 910.40
1 42 30	293 637.48	293 236.34	292 835.05	292 433.60	292 031.98
1 45 00	300 798.14	300 387.22	299 976.13	299 564.89	299 153.49
1 47 30	307 958.71	307 538.00	307 117.13	306 696.09	306 274.89
1 50 00	315 119.19	314 688.69	314 258.04	313 827.21	313 396.21
1 52 30	322 279.58	321 839.30	321 398.85	320 958.23	320 517.43
1 55 00	329 439.87	328 989.80	328 539.57	328 089.15	327 638.56
1 57 30	336 600.06	336 140.21	335 680.18	335 219.98	334 759.59
2 00 00	343 760.15	343 290.52	342 820.71	342 350.70	341 880.52
2 02 30	350 920.14	350 440.73	349 961.12	349 481.33	349 001.35
2 05 00	358 080.03	357 590.83	357 101.43	356 611.85	356 122.07
2 07 30	365 239.81	364 740.83	364 241.64	363 742.26	363 242.69
2 10 00	372 399.49	371 890.71	371 381.74	370 872.57	370 363.20
2 12 30	379 559.05	379 040.49	378 521.73	378 002.76	377 483.59
2 15 00	386 718.51	386 190.16	385 661.61	385 132.85	384 603.88
2 17 30	393 877.84	393 339.71	392 801.37	392 262.81	391 724.05
2 20 00	401 037.07	400 489.15	399 941.01	399 392.67	398 844.11
2 22 30	408 196.17	407 638.46	407 080.54	406 522.40	405 964.04
2 25 00	415 355.14	414 787.65	414 219.95	413 652.01	413 083.86
2 27 30	422 514.00	421 936.73	421 359.23	420 781.50	420 203.55
2 30 00	429 672.74	429 085.68	428 498.38	427 910.86	427 323.11
2 32 30	436 831.34	436 234.49	435 637.41	435 040.10	434 442.55
2 35 00	443 989.82	443 383.19	442 776.32	442 169.20	441 561.86
2 37 30	451 148.17	450 531.74	449 915.08	449 298.18	448 681.03
2 40 00	458 306.38	457 680.17	457 053.72	456 427.02	455 800.08
2 42 30	465 464.45	464 828.46	464 192.21	463 555.72	462 918.98
2 45 00	472 622.39	471 976.61	471 330.58	470 684.29	470 037.75
2 47 30	479 780.20	479 124.62	478 468.80	477 812.72	477 156.38
2 50 00	486 937.85	486 272.49	485 606.87	484 941.00	484 274.86
2 52 30	494 095.36	493 420.21	492 744.81	492 069.14	491 393.20
2 55 00	501 252.73	500 567.79	499 882.60	499 197.13	498 511.39
2 57 30	508 409.94	507 715.22	507 020.23	506 324.97	505 629.44
3 00 00	515 567.01	514 862.50	514 157.72	513 452.66	512 747.33

Second-difference correction to x' for indicated values of h and Δλ

Δλ \ h	0" 150"	15" 135"	30" 120"	45" 105"	60" 90"	75" 75"
0°	0	0	0	0	0	0
1°	0	+.01	+.01	+.02	+.02	+.02
2°	+.01	+.02	+.02	+.03	+.03	+.03
3°	+.01	+.03	+.04	+.04	+.05	+.05

Correction for k is negligible

ALASKA – ZONES 2 TO 9
STATE PLANE COORDINATES IN FEET – Y

Δλ \ φ	62 00 00	62 02 30	62 05 00	62 07 30	62 10 00
0 00 00	2923 027.38	2938 261.03	2953 494.76	2968 728.60	2983 962.52
0 02 30	2923 029.68	2938 263.32	2953 497.06	2968 730.89	2983 964.81
0 05 00	2923 036.58	2938 270.22	2953 503.94	2968 737.77	2983 971.69
0 07 30	2923 048.08	2938 281.70	2953 515.42	2968 749.23	2983 983.14
0 10 00	2923 064.17	2938 297.78	2953 531.48	2968 765.28	2983 999.17
0 12 30	2923 084.87	2938 318.46	2953 552.14	2968 785.92	2984 019.78
0 15 00	2923 110.16	2938 343.73	2953 577.38	2968 811.14	2984 044.98
0 17 30	2923 140.06	2938 373.59	2953 607.22	2968 840.94	2984 074.76
0 20 00	2923 174.55	2938 408.05	2953 641.64	2968 875.33	2984 109.11
0 22 30	2923 213.64	2938 447.11	2953 680.66	2968 914.31	2984 148.05
0 25 00	2923 257.33	2938 490.75	2953 724.26	2968 957.87	2984 191.57
0 27 30	2923 305.62	2938 538.99	2953 772.46	2969 006.02	2984 239.67
0 30 00	2923 358.51	2938 591.83	2953 825.24	2969 058.75	2984 292.35
0 32 30	2923 416.00	2938 649.26	2953 882.62	2969 116.07	2984 349.61
0 35 00	2923 478.09	2938 711.29	2953 944.58	2969 177.97	2984 411.45
0 37 30	2923 544.77	2938 777.91	2954 011.14	2969 244.46	2984 477.88
0 40 00	2923 616.06	2938 849.13	2954 082.28	2969 315.54	2984 548.88
0 42 30	2923 691.94	2938 924.94	2954 158.02	2969 391.20	2984 624.47
0 45 00	2923 772.43	2939 005.34	2954 238.34	2969 471.45	2984 704.64
0 47 30	2923 857.51	2939 090.34	2954 323.26	2969 556.28	2984 789.38
0 50 00	2923 947.19	2939 179.93	2954 412.77	2969 645.69	2984 878.71
0 52 30	2924 041.47	2939 274.12	2954 506.86	2969 739.70	2984 972.62
0 55 00	2924 140.35	2939 372.90	2954 605.55	2969 838.29	2985 071.11
0 57 30	2924 243.83	2939 476.28	2954 708.82	2969 941.46	2985 174.19
1 00 00	2924 351.91	2939 584.26	2954 816.69	2970 049.22	2985 281.84
1 02 30	2924 464.59	2939 696.82	2954 929.15	2970 161.57	2985 394.07
1 05 00	2924 581.86	2939 813.99	2955 046.19	2970 278.49	2985 510.89
1 07 30	2924 703.74	2939 935.74	2955 167.83	2970 400.01	2985 632.29
1 10 00	2924 830.22	2940 062.09	2955 294.06	2970 526.12	2985 758.26
1 12 30	2924 961.29	2940 193.04	2955 424.88	2970 656.80	2985 888.82
1 15 00	2925 096.96	2940 328.58	2955 560.28	2970 792.08	2986 023.97
1 17 30	2925 237.24	2940 468.72	2955 700.28	2970 931.94	2986 163.69
1 20 00	2925 382.11	2940 613.45	2955 844.87	2971 076.39	2986 307.99
1 22 30	2925 531.58	2940 762.77	2955 994.05	2971 225.42	2986 456.87
1 25 00	2925 685.65	2940 916.69	2956 147.82	2971 379.04	2986 610.34
1 27 30	2925 844.33	2941 075.21	2956 306.18	2971 537.24	2986 768.39
1 30 00	2926 007.60	2941 238.32	2956 469.13	2971 700.03	2986 931.01
1 32 30	2926 175.47	2941 406.03	2956 636.67	2971 867.40	2987 098.22
1 35 00	2926 347.94	2941 578.33	2956 808.80	2972 039.36	2987 270.02
1 37 30	2926 525.01	2941 755.22	2956 985.52	2972 215.91	2987 446.39
1 40 00	2926 706.68	2941 936.71	2957 166.83	2972 397.05	2987 627.34
1 42 30	2926 892.95	2942 122.80	2957 352.74	2972 582.77	2987 812.88
1 45 00	2927 083.81	2942 313.48	2957 543.23	2972 773.07	2988 003.00
1 47 30	2927 279.28	2942 508.76	2957 738.32	2972 967.96	2988 197.70
1 50 00	2927 479.35	2942 708.63	2957 937.99	2973 167.44	2988 396.98
1 52 30	2927 684.02	2942 913.10	2958 142.26	2973 371.51	2988 600.84
1 55 00	2927 893.28	2943 122.16	2958 351.11	2973 580.15	2988 809.28
1 57 30	2928 107.15	2943 335.82	2958 564.56	2973 793.39	2989 022.31
2 00 00	2928 325.62	2943 554.07	2958 782.60	2974 011.21	2989 239.92
2 02 30	2928 548.69	2943 776.92	2959 005.23	2974 233.63	2989 462.10
2 05 00	2928 776.35	2944 004.36	2959 232.45	2974 460.62	2989 688.88
2 07 30	2929 008.62	2944 236.40	2959 464.26	2974 692.20	2989 920.23
2 10 00	2929 245.49	2944 473.04	2959 700.66	2974 928.37	2990 156.17
2 12 30	2929 486.96	2944 714.26	2959 941.66	2975 169.12	2990 396.68
2 15 00	2989 733.02	2944 960.09	2960 187.24	2975 414.47	2990 641.78
2 17 30	2929 983.69	2945 210.51	2960 437.42	2975 664.40	2990 891.46
2 20 00	2930 238.96	2945 465.53	2960 692.18	2975 918.91	2991 145.72
2 22 30	2930 498.83	2945 725.14	2960 951.54	2976 178.01	2991 404.57
2 25 00	2930 763.29	2945 989.35	2961 215.49	2976 441.70	2991 667.99
2 27 30	2931 032.36	2946 258.16	2961 484.03	2976 709.97	2991 936.00
2 30 00	2931 306.04	2946 531.56	2961 757.16	2976 982.84	2992 208.60
2 32 30	2931 584.30	2946 809.55	2962 034.88	2977 260.29	2992 485.77
2 35 00	2931 867.17	2947 092.15	2962 317.20	2977 542.32	2992 767.52
2 37 30	2932 154.64	2947 379.33	2962 604.10	2977 828.94	2993 053.87
2 40 00	2932 446.71	2947 671.12	2962 895.60	2978 120.15	2993 344.79
2 42 30	2932 743.39	2947 967.50	2963 191.69	2978 415.95	2993 640.29
2 45 00	2933 044.66	2948 268.48	2963 492.37	2978 716.33	2993 940.38
2 47 30	2933 350.53	2948 574.05	2963 797.64	2979 021.31	2994 245.04
2 50 00	2933 661.01	2948 884.22	2964 107.51	2979 330.86	2994 554.30
2 52 30	2933 976.08	2949 198.98	2964 421.96	2979 645.00	2994 868.13
2 55 00	2934 295.76	2949 518.35	2964 741.01	2979 963.74	2995 186.55
2 57 30	2934 620.03	2949 842.31	2965 064.65	2980 287.06	2995 509.54
3 00 00	2934 948.91	2950 170.86	2965 392.88	2980 614.96	2995 837.12

Second-difference correction to y for indicated value of k (for all Δλ's)

k	0" 150"	5" 145"	10" 140"	15" 135"	20" 130"	25" 125"	30" 120"	35" 115"	40" 110"	45" 105"	50" 100"	55" 95"	60" 90"	65" 85"	70" 80"	75" 75"
Correction	-.01	-.08	-.15	-.22	-.28	-.33	-.38	-.42	-.46	-.49	-.52	-.54	-.56	-.57	-.58	-.58

Correction for h is negligible

ALASKA – ZONES 2 TO 9
STATE PLANE COORDINATES IN FEET – X'

Δλ \ φ	62 10 00	62 12 30	62 15 00	62 17 30	62 20 00
0 00 00	0.00	0.00	0.00	0.00	0.00
0 02 30	7 123.33	7 113.53	7 103.73	7 093.92	7 084.11
0 05 00	14 246.65	14 227.05	14 207.45	14 187.84	14 168.21
0 07 30	21 369.97	21 340.57	21 311.16	21 281.75	21 252.32
0 10 00	28 493.28	28 454.09	28 414.88	28 375.65	28 336.41
0 12 30	35 616.59	35 567.60	35 518.58	35 469.55	35 420.50
0 15 00	42 739.88	42 681.09	42 622.28	42 563.44	42 504.58
0 17 30	49 863.16	49 794.57	49 725.95	49 657.31	49 588.64
0 20 00	56 986.43	56 908.04	56 829.62	56 751.17	56 672.69
0 22 30	64 109.68	64 021.49	63 933.27	63 845.01	63 756.72
0 25 00	71 232.91	71 134.92	71 036.90	70 938.83	70 840.73
0 27 30	78 356.12	78 248.33	78 140.51	78 032.64	77 924.72
0 30 00	85 479.31	85 361.72	85 244.09	85 126.41	85 008.69
0 32 30	92 602.47	92 475.08	92 347.65	92 220.16	92 092.63
0 35 00	99 725.60	99 588.42	99 451.18	99 313.89	99 176.55
0 37 30	106 848.70	106 701.72	106 554.68	106 407.59	106 260.43
0 40 00	113 971.77	113 815.00	113 658.15	113 501.25	113 344.29
0 42 30	121 094.81	120 928.23	120 761.59	120 594.88	120 428.10
0 45 00	128 217.81	128 041.43	127 864.99	127 688.47	127 511.89
0 47 30	135 340.77	135 154.60	134 968.35	134 782.02	134 595.63
0 50 00	142 463.70	142 267.72	142 071.67	141 875.54	141 679.33
0 52 30	149 586.58	149 380.80	149 174.94	148 969.01	148 763.00
0 55 00	156 709.41	156 493.84	156 278.18	156 062.44	155 846.61
0 57 30	163 832.20	163 606.83	163 381.37	163 155.82	162 930.18
1 00 00	170 954.94	170 719.77	170 484.51	170 249.15	170 013.70
1 02 30	178 077.63	177 832.66	177 587.59	177 342.43	177 097.18
1 05 00	185 200.27	184 945.50	184 690.62	184 435.66	184 180.59
1 07 30	192 322.85	192 058.28	191 793.61	191 528.83	191 263.95
1 10 00	199 445.37	199 171.00	198 896.52	198 621.94	198 347.25
1 12 30	206 567.83	206 283.67	205 999.38	205 715.00	205 430.49
1 15 00	213 690.24	213 396.27	213 102.19	212 807.99	212 513.68
1 17 30	220 812.57	220 508.81	220 204.92	219 900.92	219 596.80
1 20 00	227 934.85	227 621.28	227 307.59	226 993.78	226 679.85
1 22 30	235 057.05	234 733.69	234 410.20	234 086.58	233 762.83
1 25 00	242 179.18	241 846.02	241 512.72	241 179.30	240 845.75
1 27 30	249 301.25	248 958.28	248 615.18	248 271.95	247 928.58
1 30 00	256 423.23	256 070.47	255 717.57	255 364.53	255 011.35
1 32 30	263 545.15	263 182.58	262 819.88	262 457.03	262 094.04
1 35 00	270 666.98	270 294.62	269 922.10	269 549.45	269 176.65
1 37 30	277 788.73	277 406.57	277 024.26	276 641.79	276 259.18
1 40 00	284 910.40	284 518.44	284 126.32	283 734.05	283 341.63
1 42 30	292 031.98	291 630.22	291 228.30	290 826.23	290 423.99
1 45 00	299 153.49	298 741.92	298 330.20	297 918.31	297 506.27
1 47 30	306 274.89	305 853.53	305 432.00	305 010.30	304 588.45
1 50 00	313 396.21	312 965.04	312 533.71	312 102.21	311 670.54
1 52 30	320 517.43	320 076.47	319 635.33	319 194.02	318 752.54
1 55 00	327 638.56	327 187.79	326 736.85	326 285.74	325 834.45
1 57 30	334 759.59	334 299.02	333 838.28	333 377.35	332 916.25
2 00 00	341 880.52	341 410.15	340 939.60	340 468.87	339 997.96
2 02 30	349 001.35	348 521.18	348 040.83	347 560.28	347 079.56
2 05 00	356 122.07	355 632.10	355 141.94	354 651.60	354 161.06
2 07 30	363 242.69	362 742.92	362 242.96	361 742.80	361 242.45
2 10 00	370 363.20	369 853.63	369 343.86	368 833.89	368 323.73
2 12 30	377 483.59	376 964.23	376 444.65	375 924.87	375 404.91
2 15 00	384 603.88	384 074.71	383 545.34	383 015.75	382 485.96
2 17 30	391 724.05	391 185.08	390 645.90	390 106.50	389 566.90
2 20 00	398 844.11	398 295.34	397 746.35	397 197.15	396 647.74
2 22 30	405 964.04	405 405.47	404 846.67	404 287.67	403 728.44
2 25 00	413 083.86	412 515.48	411 946.88	411 378.06	410 809.03
2 27 30	420 203.55	419 625.37	419 046.97	418 468.34	417 889.49
2 30 00	427 323.11	426 735.13	426 146.93	425 558.49	424 969.82
2 32 30	434 442.55	433 844.77	433 246.75	432 648.51	432 050.03
2 35 00	441 561.86	440 954.28	440 346.46	439 738.40	439 130.12
2 37 30	448 681.03	448 063.65	447 446.02	446 828.16	446 210.06
2 40 00	455 800.08	455 172.89	454 545.46	453 917.78	453 289.87
2 42 30	462 918.98	462 282.00	461 644.76	461 007.27	460 369.55
2 45 00	470 037.75	469 390.96	468 743.92	468 096.62	467 449.08
2 47 30	477 156.38	476 499.79	475 842.94	475 185.83	474 528.48
2 50 00	484 274.86	483 608.47	482 941.82	482 274.90	481 607.73
2 52 30	491 393.20	490 717.01	490 040.54	489 363.82	488 686.84
2 55 00	498 511.39	497 825.40	497 139.13	496 452.60	495 765.80
2 57 30	505 629.44	504 933.64	504 237.57	503 541.22	502 844.61
3 00 00	512 747.33	512 041.73	511 335.85	510 629.69	509 923.27

Second-difference correction to x' for indicated values of h and Δλ

Δλ \ h	0" 150"	15" 135"	30" 120"	45" 105"	60" 90"	75" 75"
0°	0	0	0	0	0	0
1°	0	+.01	+.01	+.02	+.02	+.02
2°	+.01	+.02	+.02	+.03	+.03	+.03
3°	+.01	+.03	+.04	+.04	+.05	+.05

Correction for k is negligible

ALASKA – ZONES 2 TO 9
STATE PLANE COORDINATES IN FEET – Y

Δλ \ φ	62 10 00	62 12 30	62 15 00	62 17 30	62 20 00
0 00 00	2983 962.52	2999 196.54	3014 430.65	3029 664.86	3044 899.16
0 02 30	2983 964.81	2999 198.83	3014 432.94	3029 667.14	3044 901.44
0 05 00	2983 971.69	2999 205.69	3014 439.80	3029 673.99	3044 908.28
0 07 30	2983 983.14	2999 217.13	3014 451.23	3029 685.41	3044 919.69
0 10 00	2983 999.17	2999 233.15	3014 467.23	3029 701.40	3044 935.66
0 12 30	2984 019.78	2999 253.75	3014 487.80	3029 721.95	3044 956.19
0 15 00	2984 044.98	2999 278.92	3014 512.95	3029 747.07	3044 981.29
0 17 30	2984 074.76	2999 308.66	3014 542.66	3029 776.76	3045 010.94
0 20 00	2984 109.11	2999 342.98	3014 576.95	3029 811.01	3045 045.16
0 22 30	2984 148.05	2999 381.88	3014 615.81	3029 849.83	3045 083.95
0 25 00	2984 191.57	2999 425.36	3014 659.25	3029 893.22	3045 127.29
0 27 30	2984 239.67	2999 473.41	3014 707.25	3029 941.18	3045 175.20
0 30 00	2984 292.35	2999 526.04	3014 759.83	3029 993.70	3045 227.67
0 32 30	2984 349.61	2999 583.25	3014 816.97	3030 050.79	3045 284.70
0 35 00	2984 411.45	2999 645.03	3014 878.69	3030 112.45	3045 346.30
0 37 30	2984 477.88	2999 711.38	3014 944.98	3030 178.68	3045 412.46
0 40 00	2984 548.88	2999 782.32	3015 015.85	3030 249.47	3045 483.18
0 42 30	2984 624.47	2999 857.83	3015 091.29	3030 324.83	3045 558.47
0 45 00	2984 704.64	2999 937.92	3015 171.29	3030 404.76	3045 638.31
0 47 30	2984 789.38	3000 022.58	3015 255.87	3030 489.25	3045 722.72
0 50 00	2984 878.71	3000 111.82	3015 345.02	3030 578.32	3045 811.70
0 52 30	2984 972.62	3000 205.64	3015 438.75	3030 671.95	3045 905.23
0 55 00	2985 071.11	3000 304.03	3015 537.04	3030 770.14	3046 003.33
0 57 30	2985 174.19	3000 407.00	3015 639.91	3030 872.91	3046 105.99
1 00 00	2985 281.84	3000 514.55	3015 747.35	3030 980.24	3046 213.22
1 02 30	2985 394.07	3000 626.67	3015 859.36	3031 092.14	3046 325.01
1 05 00	2985 510.89	3000 743.37	3015 975.94	3031 208.61	3046 441.35
1 07 30	2985 632.29	3000 864.65	3016 097.10	3031 329.64	3046 562.27
1 10 00	2985 758.26	3000 990.50	3016 222.83	3031 455.24	3046 687.75
1 12 30	2985 888.82	3001 120.93	3016 353.13	3031 585.41	3046 817.78
1 15 00	2986 023.97	3001 255.94	3016 488.00	3031 720.15	3046 952.39
1 17 30	2986 163.69	3001 395.52	3016 627.44	3031 859.45	3047 091.55
1 20 00	2986 307.99	3001 539.68	3016 771.46	3032 003.33	3047 235.28
1 22 30	2986 456.87	3001 688.42	3016 920.05	3032 151.77	3047 383.57
1 25 00	2986 610.34	3001 841.73	3017 073.21	3032 304.77	3047 536.42
1 27 30	2986 768.39	3001 999.62	3017 230.94	3032 462.35	3047 693.85
1 30 00	2986 931.01	3002 162.09	3017 393.25	3032 624.49	3047 855.82
1 32 30	2987 098.22	3002 329.13	3017 560.12	3032 791.20	3048 022.37
1 35 00	2987 270.02	3002 500.75	3017 731.57	3032 962.48	3048 193.47
1 37 30	2987 446.39	3002 676.95	3017 907.60	3033 138.33	3048 369.15
1 40 00	2987 627.34	3002 857.72	3018 088.19	3033 318.74	3048 549.38
1 42 30	2987 812.88	3003 043.08	3018 273.36	3033 503.72	3048 734.17
1 45 00	2988 003.00	3003 233.00	3018 463.10	3033 693.28	3048 923.53
1 47 30	2988 197.70	3003 427.51	3018 657.41	3033 887.39	3049 117.46
1 50 00	2988 396.98	3003 626.59	3018 856.29	3034 086.08	3049 315.95
1 52 30	2988 600.84	3003 830.25	3019 059.75	3034 289.33	3049 518.99
1 55 00	2988 809.28	3004 038.49	3019 267.78	3034 497.15	3049 726.61
1 57 30	2989 022.31	3004 251.30	3019 480.38	3034 709.54	3049 938.78
2 00 00	2989 239.92	3004 468.70	3019 697.56	3034 926.50	3050 155.52
2 02 30	2989 462.10	3004 690.67	3019 919.30	3035 148.03	3050 376.83
2 05 00	2989 688.88	3004 917.21	3020 145.62	3035 374.12	3050 602.69
2 07 30	2989 920.23	3005 148.33	3020 376.52	3035 604.78	3050 833.12
2 10 00	2990 156.17	3005 384.03	3020 611.98	3035 840.01	3051 068.12
2 12 30	2990 396.68	3005 624.31	3020 852.02	3036 079.81	3051 307.68
2 15 00	2990 641.78	3005 869.17	3021 096.63	3036 324.18	3051 551.80
2 17 30	2990 891.46	3006 118.60	3021 345.82	3036 573.11	3051 800.48
2 20 00	2991 145.72	3006 372.61	3021 599.58	3036 826.62	3052 053.73
2 22 30	2991 404.57	3006 631.20	3021 857.90	3037 084.69	3052 311.55
2 25 00	2991 667.99	3006 894.36	3022 120.81	3037 347.33	3052 573.92
2 27 30	2991 936.00	3007 162.11	3022 388.29	3037 614.54	3052 840.87
2 30 00	2992 208.60	3007 434.43	3022 660.34	3037 886.31	3053 112.37
2 32 30	2992 485.77	3007 711.33	3022 936.96	3038 162.66	3053 388.44
2 35 00	2992 767.52	3007 992.80	3023 218.15	3038 443.58	3053 669.07
2 37 30	2993 053.87	3008 278.86	3023 503.92	3038 729.06	3053 954.27
2 40 00	2993 344.79	3008 569.49	3023 794.26	3039 019.11	3054 244.03
2 42 30	2993 640.29	3008 864.70	3024 089.18	3039 313.73	3054 538.35
2 45 00	2993 940.38	3009 164.49	3024 388.67	3039 612.92	3054 837.24
2 47 30	2994 245.04	3009 468.85	3024 692.73	3039 916.68	3055 140.70
2 50 00	2994 554.30	3009 777.80	3025 001.36	3040 225.01	3055 448.71
2 52 30	2994 868.13	3010 091.32	3025 314.57	3040 537.90	3055 761.29
2 55 00	2995 186.55	3010 409.42	3025 632.36	3040 855.36	3056 078.44
2 57 30	2995 509.54	3010 732.10	3025 954.72	3041 177.40	3056 400.15
3 00 00	2995 837.12	3011 059.35	3026 281.64	3041 504.01	3056 726.43

Second-difference correction to y for indicated value of k (for all Δλ's)

k	0" 150"	5" 145"	10" 140"	15" 135"	20" 130"	25" 125"	30" 120"	35" 115"	40" 110"	45" 105"	50" 100"	55" 95"	60" 90"	65" 85"	70" 80"	75" 75"
Correction	-.01	-.08	-.15	-.22	-.28	-.33	-.38	-.42	-.46	-.49	-.52	-.54	-.56	-.57	-.58	-.58

Correction for h is negligible

ALASKA – ZONES 2 TO 9
STATE PLANE COORDINATES IN FEET – X'

Δλ \ φ	62 20 00	62 22 30	62 25 00	62 27 30	62 30 00
0 00 00	0.00	0.00	0.00	0.00	0.00
0 02 30	7 084.11	7 074.29	7 064.48	7 054.65	7 044.83
0 05 00	14 168.21	14 148.59	14 128.95	14 109.31	14 089.66
0 07 30	21 252.32	21 222.87	21 193.42	21 163.96	21 134.48
0 10 00	28 336.41	28 297.15	28 257.89	28 218.60	28 179.30
0 12 30	35 420.50	35 371.43	35 322.34	35 273.23	35 224.11
0 15 00	42 504.58	42 445.69	42 386.79	42 327.86	42 268.90
0 17 30	49 588.64	49 519.94	49 451.22	49 382.47	49 313.69
0 20 00	56 672.69	56 594.18	56 515.64	56 437.06	56 358.46
0 22 30	63 756.72	63 668.39	63 580.04	63 491.64	63 403.21
0 25 00	70 840.73	70 742.59	70 644.42	70 546.20	70 447.95
0 27 30	77 924.72	77 816.77	77 708.78	77 600.74	77 492.66
0 30 00	85 008.69	84 890.92	84 773.11	84 655.25	84 537.35
0 32 30	92 092.63	91 965.05	91 837.42	91 709.74	91 582.01
0 35 00	99 176.55	99 039.15	98 901.71	98 764.20	98 626.65
0 37 30	106 260.43	106 113.23	105 965.96	105 818.63	105 671.26
0 40 00	113 344.29	113 187.26	113 030.18	112 873.03	112 715.83
0 42 30	120 428.10	120 261.27	120 094.37	119 927.39	119 760.37
0 45 00	127 511.89	127 335.24	127 158.52	126 981.73	126 804.87
0 47 30	134 595.63	134 409.16	134 222.63	134 036.01	133 849.34
0 50 00	141 679.33	141 483.05	141 286.70	141 090.27	140 893.76
0 52 30	148 763.00	148 556.90	148 350.73	148 144.47	147 938.14
0 55 00	155 846.61	155 630.70	155 414.71	155 198.64	154 982.48
0 57 30	162 930.18	162 704.46	162 478.65	162 252.75	162 026.77
1 00 00	170 013.70	169 778.16	169 542.54	169 306.82	169 071.01
1 02 30	177 097.18	176 851.82	176 606.38	176 360.83	176 115.20
1 05 00	184 180.59	183 925.42	183 670.16	183 414.79	183 159.33
1 07 30	191 263.95	190 998.97	190 733.89	190 468.70	190 203.41
1 10 00	198 347.25	198 072.45	197 797.56	197 522.55	197 247.43
1 12 30	205 430.49	205 145.89	204 861.17	204 576.34	204 291.40
1 15 00	212 513.68	212 219.25	211 924.72	211 630.07	211 335.30
1 17 30	219 596.80	219 292.56	218 988.20	218 683.73	218 379.14
1 20 00	226 679.85	226 365.79	226 051.62	225 737.32	225 422.91
1 22 30	233 762.83	233 438.96	233 114.97	232 790.85	232 466.61
1 25 00	240 845.75	240 512.06	240 178.25	239 844.31	239 510.24
1 27 30	247 928.58	247 585.09	247 241.46	246 897.69	246 553.79
1 30 00	255 011.35	254 658.04	254 304.59	253 951.00	253 597.28
1 32 30	262 094.04	261 730.91	261 367.65	261 004.24	260 640.69
1 35 00	269 176.65	268 803.71	268 430.62	268 057.39	267 684.02
1 37 30	276 259.18	275 876.42	275 493.52	275 110.46	274 727.26
1 40 00	283 341.63	282 949.06	282 556.33	282 163.45	281 770.43
1 42 30	290 423.99	290 021.60	289 619.06	289 216.36	288 813.50
1 45 00	297 506.27	297 094.06	296 681.70	296 269.17	295 856.50
1 47 30	304 588.45	304 166.43	303 744.25	303 321.90	302 899.40
1 50 00	311 670.54	311 238.70	310 806.71	310 374.54	309 942.20
1 52 30	318 752.54	318 310.89	317 869.08	317 427.08	316 984.92
1 55 00	325 834.45	325 382.98	324 931.34	324 479.53	324 027.54
1 57 30	332 916.25	332 454.96	331 993.51	331 531.87	331 070.06
2 00 00	339 997.96	339 526.86	339 055.58	338 584.12	338 112.48
2 02 30	347 079.56	346 598.64	346 117.55	345 636.26	345 154.80
2 05 00	354 161.06	353 670.33	353 179.41	352 688.30	352 197.01
2 07 30	361 242.45	360 741.90	360 241.17	359 740.24	359 239.11
2 10 00	368 323.73	367 813.37	367 302.82	366 792.06	366 281.11
2 12 30	375 404.91	374 884.73	374 364.35	373 843.77	373 322.99
2 15 00	382 485.96	381 955.97	381 425.78	380 895.37	380 364.77
2 17 30	389 566.90	389 027.10	388 487.08	387 946.86	387 406.42
2 20 00	396 647.74	396 098.11	395 548.27	394 998.22	394 447.96
2 22 30	403 728.44	403 169.00	402 609.35	402 049.47	401 489.38
2 25 00	410 809.03	410 239.77	409 670.30	409 100.60	408 530.68
2 27 30	417 889.49	417 310.42	416 731.12	416 151.60	415 571.86
2 30 00	424 969.82	424 380.93	423 791.82	423 202.47	422 612.90
2 32 30	432 050.03	431 451.33	430 852.39	430 253.22	429 653.82
2 35 00	439 130.12	438 521.59	437 912.83	437 303.84	436 694.61
2 37 30	446 210.06	445 591.71	444 973.14	444 354.32	443 735.27
2 40 00	453 289.87	452 661.71	452 033.31	451 404.67	450 775.78
2 42 30	460 369.55	459 731.57	459 093.35	458 454.88	457 816.17
2 45 00	467 449.08	466 801.29	466 153.25	465 504.95	464 856.42
2 47 30	474 528.48	473 870.87	473 213.01	472 554.89	471 896.52
2 50 00	481 607.73	480 940.30	480 272.62	479 604.68	478 936.48
2 52 30	488 686.84	488 009.59	487 332.09	486 654.32	485 976.30
2 55 00	495 765.80	495 078.73	494 391.41	493 703.82	493 015.97
2 57 30	502 844.61	502 147.73	501 450.58	500 753.17	500 055.48
3 00 00	509 923.27	509 216.57	508 509.61	507 802.36	507 094.85

Second-difference correction to x' for indicated values of h and Δλ

Δλ \ h	0" 150"	15" 135"	30" 120"	45" 105"	60" 90"	75" 75"
0°	0	0	0	0	0	0
1°	0	+.01	+.01	+.02	+.02	+.02
2°	+.01	+.02	+.02	+.03	+.03	+.03
3°	+.01	+.03	+.04	+.04	+.05	+.05

Correction for k is negligible

ALASKA – ZONES 2 TO 9
STATE PLANE COORDINATES IN FEET – Y

Δλ \ φ	62 20 00	62 22 30	62 25 00	62 27 30	62 30 00
0 00 00	3044 899.16	3060 133.55	3075 368.03	3090 602.61	3105 837.26
0 02 30	3044 901.44	3060 135.83	3075 370.31	3090 604.88	3105 839.55
0 05 00	3044 908.28	3060 142.67	3075 377.14	3090 611.71	3105 846.37
0 07 30	3044 919.69	3060 154.06	3075 388.52	3090 623.08	3105 857.73
0 10 00	3044 935.66	3060 170.01	3075 404.46	3090 639.00	3105 873.63
0 12 30	3044 956.19	3060 190.52	3075 424.95	3090 659.47	3105 894.08
0 15 00	3044 981.29	3060 215.60	3075 449.99	3090 684.49	3105 919.08
0 17 30	3045 010.94	3060 245.22	3075 479.59	3090 714.06	3105 948.61
0 20 00	3045 045.16	3060 279.41	3075 513.74	3090 748.18	3105 982.70
0 22 30	3045 083.95	3060 318.15	3075 552.44	3090 786.84	3106 021.32
0 25 00	3045 127.29	3060 361.45	3075 595.71	3090 830.05	3106 064.49
0 27 30	3045 175.20	3060 409.31	3075 643.52	3090 877.82	3106 112.21
0 30 00	3045 227.67	3060 461.73	3075 695.88	3090 930.13	3106 164.47
0 32 30	3045 284.70	3060 518.71	3075 752.80	3090 986.99	3106 221.27
0 35 00	3045 346.30	3060 580.24	3075 814.27	3091 048.40	3106 282.62
0 37 30	3045 412.46	3060 646.33	3075 880.30	3091 114.36	3106 348.51
0 40 00	3045 483.18	3060 716.99	3075 950.88	3091 184.87	3106 418.95
0 42 30	3045 558.47	3060 792.20	3076 026.01	3091 259.93	3106 493.93
0 45 00	3045 638.31	3060 871.96	3076 105.70	3091 339.54	3106 573.46
0 47 30	3045 722.72	3060 956.29	3076 189.94	3091 423.69	3106 657.53
0 50 00	3045 811.70	3061 045.17	3076 278.73	3091 512.39	3106 746.14
0 52 30	3045 905.23	3061 138.61	3076 372.08	3091 605.65	3106 839.30
0 55 00	3046 003.33	3061 236.61	3076 469.98	3091 703.45	3106 937.00
0 57 30	3046 105.99	3061 339.18	3076 572.44	3091 805.80	3107 039.25
1 00 00	3046 213.22	3061 446.29	3076 679.45	3091 912.70	3107 146.04
1 02 30	3046 325.01	3061 557.97	3076 791.01	3092 024.15	3107 257.38
1 05 00	3046 441.35	3061 674.20	3076 907.13	3092 140.15	3107 373.26
1 07 30	3046 562.27	3061 794.99	3077 027.80	3092 260.70	3107 493.69
1 10 00	3046 687.75	3061 920.34	3077 153.02	3092 385.80	3107 618.66
1 12 30	3046 817.78	3062 050.25	3077 282.80	3092 515.44	3107 748.17
1 15 00	3046 952.39	3062 184.72	3077 417.13	3092 649.64	3107 882.23
1 17 30	3047 091.55	3062 323.74	3077 556.01	3092 788.38	3108 020.83
1 20 00	3047 235.28	3062 467.32	3077 699.45	3092 931.68	3108 163.98
1 22 30	3047 383.57	3062 615.47	3077 847.45	3093 079.52	3108 311.67
1 25 00	3047 536.42	3062 768.17	3077 999.99	3093 231.91	3108 463.91
1 27 30	3047 693.85	3062 925.43	3078 157.09	3093 388.86	3108 620.70
1 30 00	3047 855.82	3063 087.25	3078 318.75	3093 550.35	3108 782.02
1 32 30	3048 022.37	3063 253.62	3078 484.96	3093 716.38	3108 947.90
1 35 00	3048 193.47	3063 424.56	3078 655.72	3093 886.97	3109 118.31
1 37 30	3048 369.15	3063 600.05	3078 831.03	3094 062.12	3109 293.27
1 40 00	3048 549.38	3063 780.10	3079 010.91	3094 241.80	3109 472.78
1 42 30	3048 734.17	3063 964.71	3079 195.33	3094 426.04	3109 656.83
1 45 00	3048 923.53	3064 153.88	3079 384.31	3094 614.83	3109 845.43
1 47 30	3049 117.46	3064 347.61	3079 577.84	3094 808.17	3110 038.57
1 50 00	3049 315.95	3064 545.90	3079 775.93	3095 006.05	3110 236.25
1 52 30	3049 518.99	3064 748.74	3079 978.57	3095 208.49	3110 438.48
1 55 00	3049 726.61	3064 956.15	3080 185.77	3095 415.48	3110 645.26
1 57 30	3049 938.78	3065 168.11	3080 397.51	3095 627.01	3110 856.58
2 00 00	3050 155.52	3065 384.63	3080 613.82	3095 843.09	3111 072.45
2 02 30	3050 376.83	3065 605.72	3080 834.68	3096 063.73	3111 292.86
2 05 00	3050 602.69	3065 831.35	3081 060.09	3096 288.91	3111 517.81
2 07 30	3050 833.12	3066 061.55	3081 290.06	3096 518.65	3111 747.31
2 10 00	3051 068.12	3066 296.31	3081 524.58	3096 752.93	3111 981.36
2 12 30	3051 307.68	3066 535.63	3081 763.66	3096 991.77	3112 219.95
2 15 00	3051 551.80	3066 779.51	3082 007.28	3097 235.15	3112 463.09
2 17 30	3051 800.48	3067 027.94	3082 255.47	3097 483.08	3112 710.77
2 20 00	3052 053.73	3067 280.94	3082 508.21	3097 735.57	3112 963.00
2 22 30	3052 311.55	3067 538.49	3082 765.50	3097 992.60	3113 219.77
2 25 00	3052 573.92	3067 800.60	3083 027.35	3098 254.18	3113 481.09
2 27 30	3052 840.87	3068 067.28	3083 293.75	3098 520.32	3113 746.95
2 30 00	3053 112.37	3068 338.51	3083 564.71	3098 791.00	3114 017.36
2 32 30	3053 388.44	3068 614.30	3083 840.23	3099 066.24	3114 292.31
2 35 00	3053 669.07	3068 894.65	3084 120.29	3099 346.02	3114 571.81
2 37 30	3053 954.27	3069 179.56	3084 404.92	3099 630.35	3114 855.86
2 40 00	3054 244.03	3069 469.02	3084 694.09	3099 919.24	3115 144.45
2 42 30	3054 538.35	3069 763.06	3084 987.82	3100 212.67	3115 437.59
2 45 00	3054 837.24	3070 061.64	3085 286.11	3100 510.66	3115 735.27
2 47 30	3055 140.70	3070 364.79	3085 588.96	3100 813.19	3116 037.49
2 50 00	3055 448.71	3070 672.50	3085 896.35	3101 120.28	3116 344.27
2 52 30	3055 761.29	3070 984.77	3086 208.30	3101 431.91	3116 655.59
2 55 00	3056 078.44	3071 301.59	3086 524.81	3101 748.10	3116 971.46
2 57 30	3056 400.15	3071 622.98	3086 845.87	3102 068.83	3117 291.87
3 00 00	3056 726.43	3071 948.93	3087 171.49	3102 394.13	3117 616.83

Second-difference correction to y for indicated value of k (for all Δλ's)

k	0" 150"	5" 145"	10" 140"	15" 135"	20" 130"	25" 125"	30" 120"	35" 115"	40" 110"	45" 105"	50" 100"	55" 95"	60" 90"	65" 85"	70" 80"	75" 75"
Correction	-.01	-.08	-.15	-.22	-.28	-.33	-.38	-.42	-.46	-.49	-.52	-.54	-.56	-.57	-.58	-.58

Correction for h is negligible

ALASKA – ZONES 2 TO 9
STATE PLANE COORDINATES IN FEET – X'

Δλ \ φ	62 30 00	62 32 30	62 35 00	62 37 30	62 40 00
0 00 00	0.00	0.00	0.00	0.00	0.00
0 02 30	7 044.83	7 035.00	7 025.17	7 015.33	7 005.49
0 05 00	14 089.66	14 070.00	14 050.33	14 030.66	14 010.98
0 07 30	21 134.48	21 104.99	21 075.50	21 045.98	21 016.46
0 10 00	28 179.30	28 139.98	28 100.65	28 061.31	28 021.94
0 12 30	35 224.11	35 174.96	35 125.80	35 076.61	35 027.41
0 15 00	42 268.90	42 209.93	42 150.94	42 091.91	42 032.87
0 17 30	49 313.69	49 244.89	49 176.06	49 107.20	49 038.32
0 20 00	56 358.46	56 279.83	56 201.16	56 122.47	56 043.75
0 22 30	63 403.21	63 314.75	63 226.25	63 137.73	63 049.16
0 25 00	70 447.95	70 349.66	70 251.33	70 152.96	70 054.55
0 27 30	77 492.66	77 384.54	77 276.37	77 168.17	77 059.93
0 30 00	84 537.35	84 419.40	84 301.40	84 183.37	84 065.28
0 32 30	91 582.01	91 454.23	91 326.41	91 198.53	91 070.60
0 35 00	98 626.65	98 489.04	98 351.38	98 213.67	98 075.90
0 37 30	105 671.26	105 523.82	105 376.32	105 228.77	105 081.17
0 40 00	112 715.83	112 558.56	112 401.23	112 243.85	112 086.40
0 42 30	119 760.37	119 593.27	119 426.11	119 258.89	119 091.60
0 45 00	126 804.87	126 627.95	126 450.95	126 273.89	126 096.77
0 47 30	133 849.34	133 662.58	133 475.75	133 288.85	133 101.89
0 50 00	140 893.76	140 697.17	140 500.52	140 303.78	140 106.97
0 52 30	147 938.14	147 731.73	147 525.23	147 318.66	147 112.02
0 55 00	154 982.48	154 766.24	154 549.91	154 333.50	154 117.01
0 57 30	162 026.77	161 800.69	161 574.54	161 348.29	161 121.96
1 00 00	169 071.01	168 835.11	168 599.11	168 363.03	168 126.86
1 02 30	176 115.20	175 869.47	175 623.64	175 377.72	175 131.71
1 05 00	183 159.33	182 903.77	182 648.11	182 392.36	182 136.50
1 07 30	190 203.41	189 938.02	189 672.53	189 406.94	189 141.24
1 10 00	197 247.43	196 972.22	196 696.89	196 421.46	196 145.92
1 12 30	204 291.40	204 006.35	203 721.19	203 435.92	203 150.55
1 15 00	211 335.30	211 040.42	210 745.43	210 450.32	210 155.10
1 17 30	218 379.14	218 074.43	217 769.60	217 464.66	217 159.60
1 20 00	225 422.91	225 108.37	224 793.71	224 478.92	224 164.03
1 22 30	232 466.61	232 142.24	231 817.75	231 493.13	231 168.39
1 25 00	239 510.24	239 176.04	238 841.71	238 507.26	238 172.68
1 27 30	246 553.79	246 209.77	245 865.61	245 521.32	245 176.89
1 30 00	253 597.28	253 243.42	252 889.43	252 535.30	252 181.03
1 32 30	260 640.69	260 277.00	259 913.17	259 549.20	259 185.10
1 35 00	267 684.02	267 310.50	266 936.83	266 563.03	266 189.08
1 37 30	274 727.26	274 343.92	273 960.42	273 576.78	273 192.99
1 40 00	281 770.43	281 377.25	280 983.92	280 590.44	280 196.81
1 42 30	288 813.50	288 410.50	288 007.33	287 604.01	287 200.54
1 45 00	295 856.50	295 443.66	295 030.66	294 617.50	294 204.19
1 47 30	302 899.40	302 476.73	302 053.89	301 630.90	301 207.75
1 50 00	309 942.20	309 509.71	309 077.04	308 644.21	308 211.21
1 52 30	316 984.92	316 542.59	316 100.09	315 657.42	315 214.58
1 55 00	324 027.54	323 575.38	323 123.04	322 670.54	322 217.86
1 57 30	331 070.06	330 608.07	330 145.90	329 683.55	329 221.03
2 00 00	338 112.48	337 640.66	337 168.65	336 696.47	336 224.10
2 02 30	345 154.80	344 673.15	344 191.30	343 709.28	343 227.08
2 05 00	352 197.01	351 705.53	351 213.85	350 721.99	350 229.95
2 07 30	359 239.11	358 737.80	358 236.29	357 734.59	357 232.70
2 10 00	366 281.11	365 769.97	365 258.62	364 747.08	364 235.35
2 12 30	373 322.99	372 802.02	372 280.84	371 759.46	371 237.89
2 15 00	380 364.77	379 833.96	379 302.95	378 771.73	378 240.32
2 17 30	387 406.42	386 865.79	386 324.94	385 783.88	385 242.63
2 20 00	394 447.96	393 897.49	393 346.81	392 795.92	392 244.82
2 22 30	401 489.38	400 929.08	400 368.56	399 807.83	399 246.89
2 25 00	408 530.68	407 960.55	407 390.19	406 819.63	406 248.84
2 27 30	415 571.86	414 991.89	414 411.70	413 831.29	413 250.66
2 30 00	422 612.90	422 023.11	421 433.08	420 842.83	420 252.36
2 32 30	429 653.82	429 054.20	428 454.33	427 854.25	427 253.93
2 35 00	436 694.61	436 085.15	435 475.45	434 865.52	434 255.37
2 37 30	443 735.27	443 115.97	442 496.44	441 876.68	441 256.67
2 40 00	450 775.78	450 146.67	449 517.29	448 887.69	448 257.84
2 42 30	457 816.17	457 177.22	456 538.01	455 898.56	455 258.88
2 45 00	464 856.42	464 207.63	463 558.59	462 909.30	462 259.77
2 47 30	471 896.52	471 237.90	470 579.03	469 919.90	469 260.52
2 50 00	478 936.48	478 268.03	477 599.32	476 930.35	476 261.13
2 52 30	485 976.30	485 298.02	484 619.46	483 940.66	483 261.60
2 55 00	493 015.97	492 327.85	491 639.46	490 950.82	490 261.91
2 57 30	500 055.48	499 357.53	498 659.31	497 960.83	497 262.08
3 00 00	507 094.85	506 387.07	505 679.01	504 970.68	504 262.10

Second-difference correction to x' for indicated values of h and Δλ

Δλ \ h	0" 150"	15" 135"	30" 120"	45" 105"	60" 90"	75" 75"
0°	0	0	0	0	0	0
1°	0	+.01	+.01	+.01	+.02	+.02
2°	+.01	+.02	+.02	+.03	+.03	+.03
3°	+.01	+.03	+.04	+.04	+.04	+.05

Correction for k is negligible

ALASKA – ZONES 2 TO 9
STATE PLANE COORDINATES IN FEET – Y

Δλ \ φ	62 30 00	62 32 30	62 35 00	62 37 30	62 40 00
0 00 00	3105 837.28	3121 072.04	3136 306.90	3151 541.84	3166 776.88
0 02 30	3105 839.55	3121 074.31	3136 309.17	3151 544.11	3166 779.15
0 05 00	3105 846.37	3121 081.12	3136 315.97	3151 550.90	3166 785.94
0 07 30	3105 857.73	3121 092.47	3136 327.31	3151 562.23	3166 797.25
0 10 00	3105 873.63	3121 108.36	3136 343.18	3151 578.09	3166 813.09
0 12 30	3105 894.08	3121 128.79	3136 363.59	3151 598.47	3166 833.46
0 15 00	3105 919.08	3121 153.75	3136 388.53	3151 623.39	3166 858.35
0 17 30	3105 948.61	3121 183.26	3136 418.01	3151 652.84	3166 887.76
0 20 00	3105 982.70	3121 217.31	3136 452.02	3151 686.82	3166 921.71
0 22 30	3106 021.32	3121 255.90	3136 490.57	3151 725.32	3166 960.18
0 25 00	3106 064.49	3121 299.03	3136 533.65	3151 768.36	3167 003.17
0 27 30	3106 112.21	3121 346.69	3136 581.27	3151 815.93	3167 050.69
0 30 00	3106 164.47	3121 398.90	3136 633.42	3151 868.03	3167 102.74
0 32 30	3106 221.27	3121 455.64	3136 690.11	3151 924.66	3167 159.31
0 35 00	3106 282.62	3121 516.93	3136 751.33	3151 985.82	3167 220.41
0 37 30	3106 348.51	3121 582.75	3136 817.09	3152 051.51	3167 286.03
0 40 00	3106 418.95	3121 653.12	3136 887.39	3152 121.74	3167 356.18
0 42 30	3106 493.93	3121 728.02	3136 962.21	3152 196.49	3167 430.86
0 45 00	3106 573.46	3121 807.47	3137 041.58	3152 275.77	3167 510.06
0 47 30	3106 657.53	3121 891.45	3137 125.47	3152 359.58	3167 593.78
0 50 00	3106 746.14	3121 979.98	3137 213.91	3152 447.92	3167 682.03
0 52 30	3106 839.30	3122 073.04	3137 306.88	3152 540.80	3167 774.82
0 55 00	3106 937.00	3122 170.65	3137 404.38	3152 638.20	3167 872.12
0 57 30	3107 039.25	3122 272.79	3137 506.42	3152 740.14	3167 973.95
1 00 00	3107 146.04	3122 379.47	3137 613.00	3152 846.60	3168 080.31
1 02 30	3107 257.38	3122 490.70	3137 724.10	3152 957.60	3168 191.19
1 05 00	3107 373.26	3122 606.46	3137 839.75	3153 073.13	3168 306.60
1 07 30	3107 493.69	3122 726.77	3137 959.93	3153 193.18	3168 426.53
1 10 00	3107 618.66	3122 851.61	3138 084.65	3153 317.77	3168 550.99
1 12 30	3107 748.17	3122 980.99	3138 213.90	3153 446.89	3168 679.97
1 15 00	3107 882.23	3123 114.91	3138 347.69	3153 580.54	3168 813.49
1 17 30	3108 020.83	3123 253.38	3138 486.01	3153 718.72	3168 951.53
1 20 00	3108 163.98	3123 396.38	3138 628.86	3153 861.43	3169 094.09
1 22 30	3108 311.67	3123 543.92	3138 776.25	3154 008.67	3169 241.18
1 25 00	3108 463.91	3123 696.00	3138 928.18	3154 160.44	3169 392.79
1 27 30	3108 620.70	3123 852.63	3139 084.65	3154 316.74	3169 548.94
1 30 00	3108 782.02	3124 013.79	3139 245.64	3154 477.58	3169 709.61
1 32 30	3108 947.90	3124 179.49	3139 411.18	3154 642.94	3169 874.80
1 35 00	3109 118.31	3124 349.74	3139 581.25	3154 812.84	3170 044.52
1 37 30	3109 293.27	3124 524.52	3139 755.85	3154 987.26	3170 218.77
1 40 00	3109 472.78	3124 703.84	3139 934.99	3155 166.22	3170 397.54
1 42 30	3109 656.83	3124 887.71	3140 118.67	3155 349.71	3170 580.84
1 45 00	3109 845.43	3125 076.11	3140 306.88	3155 537.73	3170 768.66
1 47 30	3110 038.57	3125 269.05	3140 499.63	3155 730.28	3170 961.02
1 50 00	3110 236.25	3125 466.54	3140 696.91	3155 927.36	3171 157.90
1 52 30	3110 438.48	3125 668.56	3140 898.73	3156 128.97	3171 359.30
1 55 00	3110 645.26	3125 875.13	3141 105.08	3156 335.11	3171 565.23
1 57 30	3110 856.58	3126 086.23	3141 315.97	3156 545.78	3171 775.69
2 00 00	3111 072.45	3126 301.88	3141 531.40	3156 760.99	3171 990.67
2 02 30	3111 292.86	3126 522.07	3141 751.36	3156 980.73	3172 210.18
2 05 00	3111 517.81	3126 746.79	3141 975.85	3157 204.99	3172 434.22
2 07 30	3111 747.31	3126 976.06	3142 204.89	3157 433.79	3172 662.78
2 10 00	3111 981.36	3127 209.87	3142 438.46	3157 667.12	3172 895.87
2 12 30	3112 219.95	3127 448.22	3142 676.56	3157 904.98	3173 133.49
2 15 00	3112 463.09	3127 691.10	3142 919.20	3158 147.37	3173 375.63
2 17 30	3112 710.77	3127 938.53	3143 166.38	3158 394.30	3173 622.30
2 20 00	3112 963.00	3128 190.51	3143 418.09	3158 645.75	3173 873.50
2 22 30	3113 219.77	3128 447.02	3143 674.34	3158 901.74	3174 129.22
2 25 00	3113 481.09	3128 708.07	3143 935.13	3159 162.26	3174 389.47
2 27 30	3113 746.95	3128 973.66	3144 200.45	3159 427.31	3174 654.25
2 30 00	3114 017.36	3129 243.79	3144 470.31	3159 696.89	3174 923.55
2 32 30	3114 292.31	3129 518.47	3144 744.70	3159 971.00	3175 197.38
2 35 00	3114 571.81	3129 797.68	3145 023.63	3160 249.64	3175 475.74
2 37 30	3114 855.86	3130 081.44	3145 307.09	3160 532.82	3175 758.62
2 40 00	3115 144.45	3130 369.74	3145 595.10	3160 820.53	3176 046.04
2 42 30	3115 437.59	3130 662.57	3145 887.64	3161 112.77	3176 337.97
2 45 00	3115 735.27	3130 959.95	3146 184.71	3161 409.54	3176 634.44
2 47 30	3116 037.49	3131 261.87	3146 486.32	3161 710.84	3176 935.43
2 50 00	3116 344.27	3131 568.34	3146 792.47	3162 016.67	3177 240.95
2 52 30	3116 655.59	3131 879.34	3147 103.15	3162 327.04	3177 551.00
2 55 00	3116 971.46	3132 194.88	3147 418.38	3162 641.94	3177 865.57
2 57 30	3117 291.87	3132 514.96	3147 738.13	3162 961.37	3178 184.67
3 00 00	3117 616.83	3132 839.59	3148 062.43	3163 285.33	3178 508.30

Second-difference correction to y for indicated value of k (for all Δλ's)

k	0" 150"	5" 145"	10" 140"	15" 135"	20" 130"	25" 125"	30" 120"	35" 115"	40" 110"	45" 105"	50" 100"	55" 95"	60" 90"	65" 85"	70" 80"	75" 75"
Correction	-.01	-.08	-.15	-.21	-.27	-.32	-.37	-.41	-.45	-.48	-.51	-.53	-.55	-.56	-.57	-.57

Correction for h is negligible

ALASKA – ZONES 2 TO 9
STATE PLANE COORDINATES IN FEET – X'

Δλ \ φ	62 40 00	62 42 30	62 45 00	62 47 30	62 50 00
0 00 00	0.00	0.00	0.00	0.00	0.00
0 02 30	7 005.49	6 995.65	6 985.80	6 975.95	6 966.09
0 05 00	14 010.98	13 991.29	13 971.60	13 951.89	13 932.18
0 07 30	21 016.46	20 986.93	20 957.39	20 927.83	20 898.27
0 10 00	28 021.94	27 982.57	27 943.18	27 903.77	27 864.35
0 12 30	35 027.41	34 978.19	34 928.95	34 879.69	34 830.42
0 15 00	42 032.87	41 973.80	41 914.72	41 855.61	41 796.47
0 17 30	49 038.32	48 969.41	48 900.47	48 831.51	48 762.52
0 20 00	56 043.75	55 964.99	55 886.21	55 807.40	55 728.55
0 22 30	63 049.16	62 960.57	62 871.93	62 783.27	62 694.57
0 25 00	70 054.55	69 956.11	69 857.64	69 759.12	69 660.57
0 27 30	77 059.93	76 951.64	76 843.32	76 734.95	76 626.54
0 30 00	84 065.28	83 947.15	83 828.98	83 710.75	83 592.49
0 32 30	91 070.60	90 942.63	90 814.61	90 686.53	90 558.41
0 35 00	98 075.90	97 938.08	97 800.21	97 662.28	97 524.31
0 37 30	105 081.17	104 933.50	104 785.78	104 638.01	104 490.17
0 40 00	112 086.40	111 928.89	111 771.33	111 613.70	111 456.01
0 42 30	119 091.60	118 924.25	118 756.83	118 589.35	118 421.81
0 45 00	126 096.77	125 919.56	125 742.30	125 564.97	125 387.57
0 47 30	133 101.89	132 914.85	132 727.74	132 540.55	132 353.30
0 50 00	140 106.97	139 910.09	139 713.13	139 516.09	139 318.98
0 52 30	147 112.02	146 905.28	146 698.47	146 491.59	146 284.62
0 55 00	154 117.01	153 900.44	153 683.78	153 467.04	153 250.22
0 57 30	161 121.96	160 895.54	160 669.04	160 442.44	160 215.77
1 00 00	168 126.86	167 890.60	167 654.24	167 417.80	167 181.27
1 02 30	175 131.71	174 885.60	174 639.40	174 393.10	174 146.72
1 05 00	182 136.50	181 880.55	181 624.50	181 368.35	181 112.11
1 07 30	189 141.24	188 875.44	188 609.55	188 343.55	188 077.45
1 10 00	196 145.92	195 870.28	195 594.54	195 318.68	195 042.73
1 12 30	203 150.55	202 865.06	202 579.46	202 293.76	202 007.95
1 15 00	210 155.10	209 859.77	209 564.33	209 268.77	208 973.11
1 17 30	217 159.60	216 854.42	216 549.13	216 243.72	215 938.20
1 20 00	224 164.03	223 849.01	223 533.87	223 218.61	222 903.23
1 22 30	231 168.39	230 843.52	230 518.53	230 193.42	229 868.19
1 25 00	238 172.68	237 837.97	237 503.13	237 168.16	236 833.07
1 27 30	245 176.89	244 832.34	244 487.65	244 142.83	243 797.88
1 30 00	252 181.03	251 826.63	251 472.10	251 117.43	250 762.63
1 32 30	259 185.10	258 820.85	258 456.46	258 091.94	257 727.29
1 35 00	266 189.08	265 814.99	265 440.76	265 066.38	264 691.87
1 37 30	273 192.99	272 809.05	272 424.97	272 040.74	271 656.37
1 40 00	280 196.81	279 803.03	279 409.10	279 015.01	278 620.78
1 42 30	287 200.54	286 796.92	286 393.14	285 989.20	285 585.11
1 45 00	294 204.19	293 790.72	293 377.09	292 963.31	292 549.36
1 47 30	301 207.75	300 784.43	300 360.95	299 937.31	299 513.51
1 50 00	308 211.21	307 778.05	307 344.72	306 911.23	306 477.57
1 52 30	315 214.58	314 771.57	314 328.39	313 885.05	313 441.54
1 55 00	322 217.86	321 765.00	321 311.97	320 858.78	320 405.41
1 57 30	329 221.03	328 758.33	328 295.46	327 832.41	327 369.18
2 00 00	336 224.10	335 751.56	335 278.83	334 805.93	334 332.84
2 02 30	343 227.08	342 744.69	342 262.11	341 779.35	341 296.41
2 05 00	350 229.95	349 737.71	349 245.28	348 752.67	348 259.87
2 07 30	357 232.70	356 730.62	356 228.35	355 725.88	355 223.23
2 10 00	364 235.35	363 723.42	363 211.30	362 698.98	362 186.47
2 12 30	371 237.89	370 716.12	370 194.14	369 671.97	369 149.60
2 15 00	378 240.32	377 708.69	377 176.87	376 644.85	376 112.62
2 17 30	385 242.63	384 701.16	384 159.48	383 617.61	383 075.53
2 20 00	392 244.82	391 693.50	391 141.98	390 590.25	390 038.31
2 22 30	399 246.89	398 685.73	398 124.35	397 562.77	397 000.97
2 25 00	406 248.84	405 677.83	405 106.61	404 535.17	403 963.51
2 27 30	413 250.66	412 669.81	412 088.73	411 507.44	410 925.93
2 30 00	420 252.36	419 661.66	419 070.74	418 479.59	417 888.22
2 32 30	427 253.93	426 653.38	426 052.61	425 451.61	424 850.38
2 35 00	434 255.37	433 644.98	433 034.35	432 423.49	431 812.41
2 37 30	441 256.67	440 636.43	440 015.96	439 395.25	438 774.31
2 40 00	448 257.84	447 627.76	446 997.43	446 366.87	445 736.07
2 42 30	455 258.88	454 618.95	453 978.77	453 338.35	452 697.69
2 45 00	462 259.77	461 610.00	460 959.97	460 309.69	459 659.17
2 47 30	469 260.52	468 600.90	467 941.02	467 280.89	466 620.51
2 50 00	476 261.13	475 591.66	474 921.93	474 251.95	473 581.71
2 52 30	483 261.60	482 582.27	481 902.69	481 222.86	480 542.76
2 55 00	490 261.91	489 572.74	488 883.31	488 193.62	487 503.66
2 57 30	497 262.08	496 563.06	495 863.78	495 164.23	494 464.42
3 00 00	504 262.10	503 553.23	502 844.09	502 134.69	501 425.02

Second-difference correction to x' for indicated values of h and Δλ

Δλ \ h	0" 150"	15" 135"	30" 120"	45" 105"	60" 90"	75" 75"
0°	0	0	0	0	0	0
1°	0	+.01	+.01	+.01	+.02	+.02
2°	+.01	+.02	+.02	+.03	+.03	+.03
3°	+.01	+.03	+.04	+.04	+.04	+.05

Correction for k is negligible

ALASKA – ZONES 2 TO 9
STATE PLANE COORDINATES IN FEET – Y

Δλ \ φ	62 40 00	62 42 30	62 45 00	62 47 30	62 50 00
0 00 00	3166 776.88	3182 012.01	3197 247.24	3212 482.56	3227 717.96
0 02 30	3166 779.15	3182 014.28	3197 249.50	3212 484.82	3227 720.22
0 05 00	3166 785.94	3182 021.06	3197 256.27	3212 491.58	3227 726.98
0 07 30	3166 797.25	3182 032.36	3197 267.57	3212 502.86	3227 738.25
0 10 00	3166 813.09	3182 048.18	3197 283.37	3212 518.65	3227 754.02
0 12 30	3166 833.46	3182 068.53	3197 303.70	3212 538.96	3227 774.30
0 15 00	3166 858.35	3182 093.39	3197 328.54	3212 563.77	3227 799.09
0 17 30	3166 887.76	3182 122.78	3197 357.89	3212 593.10	3227 828.39
0 20 00	3166 921.71	3182 156.69	3197 391.76	3212 626.94	3227 862.19
0 22 30	3166 960.18	3182 195.12	3197 430.15	3212 665.29	3227 900.50
0 25 00	3167 003.17	3182 238.07	3197 473.06	3212 708.15	3227 943.31
0 27 30	3167 050.69	3182 285.54	3197 520.48	3212 755.52	3227 990.64
0 30 00	3167 102.74	3182 337.53	3197 572.42	3212 807.41	3228 042.47
0 32 30	3167 159.31	3182 394.04	3197 628.88	3212 863.80	3228 098.81
0 35 00	3167 220.41	3182 455.08	3197 689.85	3212 924.71	3228 159.65
0 37 30	3167 286.03	3182 520.64	3197 755.34	3212 990.13	3228 225.00
0 40 00	3167 356.18	3182 590.71	3197 825.34	3213 060.06	3228 294.87
0 42 30	3167 430.86	3182 665.31	3197 899.86	3213 134.51	3228 369.23
0 45 00	3167 510.06	3182 744.43	3197 978.90	3213 213.46	3228 448.11
0 47 30	3167 593.78	3182 828.07	3198 062.46	3213 296.93	3228 531.49
0 50 00	3167 682.03	3182 916.23	3198 150.52	3213 384.91	3228 619.37
0 52 30	3167 774.82	3183 008.92	3198 243.11	3213 477.40	3228 711.77
0 55 00	3167 872.12	3183 106.12	3198 340.22	3213 574.40	3228 808.67
0 57 30	3167 973.95	3183 207.85	3198 441.83	3213 675.92	3228 910.08
1 00 00	3168 080.31	3183 314.09	3198 547.97	3213 781.94	3229 016.00
1 02 30	3168 191.19	3183 424.86	3198 658.63	3213 892.48	3229 126.42
1 05 00	3168 306.60	3183 540.15	3198 773.80	3214 007.53	3229 241.35
1 07 30	3168 426.53	3183 659.96	3198 893.48	3214 127.10	3229 360.79
1 10 00	3168 550.99	3183 784.29	3199 017.69	3214 251.17	3229 484.73
1 12 30	3168 679.97	3183 913.15	3199 146.41	3214 379.76	3229 613.19
1 15 00	3168 813.49	3184 046.52	3199 279.64	3214 512.85	3229 746.15
1 17 30	3168 951.53	3184 184.41	3199 417.39	3214 650.46	3229 883.61
1 20 00	3169 094.09	3184 326.83	3199 559.66	3214 792.59	3230 025.59
1 22 30	3169 241.18	3184 473.77	3199 706.45	3214 939.22	3230 172.07
1 25 00	3169 392.79	3184 625.23	3199 857.76	3215 090.37	3230 323.06
1 27 30	3169 548.94	3184 781.21	3200 013.57	3215 246.03	3230 478.56
1 30 00	3169 709.61	3184 941.71	3200 173.91	3215 406.20	3230 638.56
1 32 30	3169 874.80	3185 106.74	3200 338.77	3215 570.88	3230 803.07
1 35 00	3170 044.52	3185 276.28	3200 508.13	3215 740.07	3230 972.09
1 37 30	3170 218.77	3185 450.35	3200 682.02	3215 913.78	3231 145.62
1 40 00	3170 397.54	3185 628.94	3200 860.43	3216 092.00	3231 323.65
1 42 30	3170 580.84	3185 812.05	3201 043.34	3216 274.73	3231 506.19
1 45 00	3170 768.66	3185 999.68	3201 230.79	3216 461.98	3231 693.24
1 47 30	3170 961.02	3186 191.83	3201 422.74	3216 653.73	3231 884.80
1 50 00	3171 157.90	3186 388.51	3201 619.21	3216 850.00	3232 080.86
1 52 30	3171 359.30	3186 589.71	3201 820.20	3217 050.78	3232 281.44
1 55 00	3171 565.23	3186 795.43	3202 025.71	3217 256.07	3232 486.51
1 57 30	3171 775.69	3187 005.67	3202 235.73	3217 465.88	3232 696.10
2 00 00	3171 990.67	3187 220.43	3202 450.27	3217 680.19	3232 910.19
2 02 30	3172 210.18	3187 439.71	3202 669.33	3217 899.03	3233 128.80
2 05 00	3172 434.22	3187 663.52	3202 892.90	3218 122.37	3233 351.91
2 07 30	3172 662.78	3187 891.85	3203 120.99	3218 350.22	3233 579.52
2 10 00	3172 895.87	3188 124.69	3203 353.60	3218 582.59	3233 811.65
2 12 30	3173 133.49	3188 362.06	3203 590.73	3218 819.47	3234 048.28
2 15 00	3173 375.63	3188 603.96	3203 832.37	3219 060.86	3234 289.42
2 17 30	3173 622.30	3188 850.37	3204 078.53	3219 306.77	3234 535.07
2 20 00	3173 873.50	3189 101.31	3204 329.21	3219 557.19	3234 785.23
2 22 30	3174 129.22	3189 356.77	3204 584.40	3219 812.12	3235 039.89
2 25 00	3174 389.47	3189 616.75	3204 844.11	3220 071.56	3235 299.07
2 27 30	3174 654.25	3189 881.26	3205 108.35	3220 335.51	3235 562.75
2 30 00	3174 923.55	3190 150.28	3205 377.09	3220 603.98	3235 830.94
2 32 30	3175 197.38	3190 423.83	3205 650.36	3220 876.97	3236 103.64
2 35 00	3175 475.74	3190 701.90	3205 928.14	3221 154.46	3236 380.84
2 37 30	3175 758.62	3190 984.49	3206 210.44	3221 436.47	3236 662.56
2 40 00	3176 046.04	3191 271.61	3206 497.26	3221 722.99	3236 948.78
2 42 30	3176 337.97	3191 563.25	3206 788.60	3222 014.02	3237 239.51
2 45 00	3176 634.44	3191 859.41	3207 084.45	3222 309.57	3237 534.75
2 47 30	3176 935.43	3192 160.09	3207 384.82	3222 609.63	3237 834.50
2 50 00	3177 240.95	3192 465.29	3207 689.71	3222 914.20	3238 138.75
2 52 30	3177 551.00	3192 775.02	3207 999.12	3223 223.29	3238 447.51
2 55 00	3177 865.57	3193 089.27	3208 313.04	3223 536.88	3238 760.79
2 57 30	3178 184.67	3193 408.04	3208 631.49	3223 855.00	3239 078.57
3 00 00	3178 508.30	3193 731.34	3208 954.44	3224 177.62	3239 400.86

Second-difference correction to y for indicated value of k (for all Δλ's)

k	0" 150"	5" 145"	10" 140"	15" 135"	20" 130"	25" 125"	30" 120"	35" 115"	40" 110"	45" 105"	* 50" 100"	55" 95"	60" 90"	65" 85"	70" 80"	75" 75"
Correction	-.01	-.08	-.15	-.21	-.27	-.32	-.37	-.41	-.45	-.48	-.51	-.53	-.55	-.56	-.57	-.57

Correction for h is negligible

ALASKA – ZONES 2 TO 9
STATE PLANE COORDINATES IN FEET – X'

Δλ \ φ	62 50 00	62 52 30	62 55 00	62 57 30	63 00 00
0 00 00	0.00	0.00	0.00	0.00	0.00
0 02 30	6 966.09	6 956.23	6 946.37	6 936.51	6 926.63
0 05 00	13 932.18	13 912.46	13 892.74	13 873.00	13 853.26
0 07 30	20 898.27	20 868.69	20 839.10	20 809.50	20 779.89
0 10 00	27 864.35	27 824.91	27 785.46	27 745.99	27 706.51
0 12 30	34 830.42	34 781.12	34 731.80	34 682.47	34 633.12
0 15 00	41 796.47	41 737.32	41 678.14	41 618.94	41 559.72
0 17 30	48 762.52	48 693.51	48 624.47	48 555.40	48 486.31
0 20 00	55 728.55	55 649.68	55 570.78	55 491.84	55 412.88
0 22 30	62 694.57	62 605.84	62 517.07	62 428.27	62 339.44
0 25 00	69 660.57	69 561.97	69 463.35	69 364.68	69 265.98
0 27 30	76 626.54	76 518.09	76 409.60	76 301.06	76 192.49
0 30 00	83 592.49	83 474.18	83 355.82	83 237.42	83 118.98
0 32 30	90 558.41	90 430.24	90 302.02	90 173.76	90 045.45
0 35 00	97 524.31	97 386.28	97 248.20	97 110.07	96 971.88
0 37 30	104 490.17	104 342.29	104 194.34	104 046.34	103 898.29
0 40 00	111 456.01	111 298.26	111 140.46	110 982.59	110 824.66
0 42 30	118 421.81	118 254.21	118 086.54	117 918.80	117 751.00
0 45 00	125 387.57	125 210.11	125 032.57	124 854.98	124 677.31
0 47 30	132 353.30	132 165.97	131 978.58	131 791.11	131 603.57
0 50 00	139 318.98	139 121.80	138 924.54	138 727.21	138 529.80
0 52 30	146 284.62	146 077.58	145 870.46	145 663.26	145 455.98
0 55 00	153 250.22	153 033.32	152 816.33	152 599.26	152 382.11
0 57 30	160 215.77	159 989.00	159 762.15	159 535.22	159 308.20
1 00 00	167 181.27	166 944.64	166 707.93	166 471.13	166 234.24
1 02 30	174 146.72	173 900.24	173 653.66	173 406.99	173 160.23
1 05 00	181 112.11	180 855.77	180 599.33	180 342.80	180 086.16
1 07 30	188 077.45	187 811.25	187 544.95	187 278.54	187 012.04
1 10 00	195 042.73	194 766.67	194 490.50	194 214.23	193 937.86
1 12 30	202 007.95	201 722.03	201 436.00	201 149.86	200 863.62
1 15 00	208 973.11	208 677.33	208 381.43	208 085.43	207 789.32
1 17 30	215 938.20	215 632.56	215 326.80	215 020.93	214 714.95
1 20 00	222 903.23	222 587.73	222 272.11	221 956.37	221 640.51
1 22 30	229 868.19	229 542.83	229 217.34	228 891.74	228 566.01
1 25 00	236 833.07	236 497.85	236 162.51	235 827.03	235 491.44
1 27 30	243 797.88	243 452.81	243 107.59	242 762.25	242 416.79
1 30 00	250 762.63	250 407.68	250 052.61	249 697.40	249 342.06
1 32 30	257 727.29	257 362.49	256 997.55	256 632.48	256 267.26
1 35 00	264 691.87	264 317.21	263 942.41	263 567.47	263 192.38
1 37 30	271 656.37	271 271.85	270 887.18	270 502.38	270 117.42
1 40 00	278 620.78	278 226.41	277 831.88	277 437.20	277 042.38
1 42 30	285 585.11	285 180.88	284 776.48	284 371.94	283 967.24
1 45 00	292 549.36	292 135.26	291 721.00	291 306.59	290 892.02
1 47 30	299 513.51	299 089.55	298 665.43	298 241.15	297 816.71
1 50 00	306 477.57	306 043.75	305 609.77	305 175.62	304 741.31
1 52 30	313 441.54	312 997.86	312 554.01	312 109.99	311 665.81
1 55 00	320 405.41	319 951.87	319 498.15	319 044.27	318 590.22
1 57 30	327 369.18	326 905.78	326 442.20	325 978.45	325 514.52
2 00 00	334 332.84	333 859.58	333 386.14	332 912.52	332 438.72
2 02 30	341 296.41	340 813.29	340 329.98	339 846.49	339 362.83
2 05 00	348 259.87	347 766.89	347 273.72	346 780.36	346 286.82
2 07 30	355 223.23	354 720.38	354 217.35	353 714.12	353 210.71
2 10 00	362 186.47	361 673.76	361 160.87	360 647.77	360 134.49
2 12 30	369 149.60	368 627.04	368 104.27	367 581.31	367 058.15
2 15 00	376 112.62	375 580.19	375 047.56	374 514.73	373 981.71
2 17 30	383 075.53	382 533.24	381 990.74	381 448.04	380 905.14
2 20 00	390 038.31	389 486.16	388 933.80	388 381.23	387 828.46
2 22 30	397 000.97	396 438.96	395 876.74	395 314.30	394 751.66
2 25 00	403 963.51	403 391.64	402 819.55	402 247.25	401 674.73
2 27 30	410 925.93	410 344.20	409 762.24	409 180.07	408 597.68
2 30 00	417 888.22	417 296.63	416 704.81	416 112.76	415 520.50
2 32 30	424 850.38	424 248.92	423 647.24	423 045.33	422 443.19
2 35 00	431 812.41	431 201.09	430 589.54	429 977.76	429 365.75
2 37 30	438 774.31	438 153.13	437 531.71	436 910.06	436 288.18
2 40 00	445 736.07	445 105.03	444 473.74	443 842.23	443 210.47
2 42 30	452 697.69	452 056.79	451 415.64	450 774.25	450 132.62
2 45 00	459 659.17	459 008.41	458 357.40	457 706.14	457 054.64
2 47 30	466 620.51	465 959.89	465 299.01	464 637.88	463 976.51
2 50 00	473 581.71	472 911.23	472 240.48	471 569.48	470 898.23
2 52 30	480 542.76	479 862.42	479 181.80	478 500.94	477 819.82
2 55 00	487 503.66	486 813.45	486 122.97	485 432.24	484 741.25
2 57 30	494 464.42	493 764.34	493 064.00	492 363.40	491 662.53
3 00 00	501 425.02	500 715.08	500 004.87	499 294.40	498 583.66

Second-difference correction to x' for indicated values of h and Δλ

Δλ \ h	0" 150"	15" 135"	30" 120"	45" 105"	60" 90"	75" 75"
0°	0	0	0	0	0	0
1°	0	+.01	+.01	+.01	+.02	+.02
2°	+.01	+.02	+.02	+.03	+.03	+.03
3°	+.01	+.03	+.04	+.04	+.04	+.05

Correction for k is negligible

ALASKA – ZONES 2 TO 9
STATE PLANE COORDINATES IN FEET – Y

Δλ \ φ	62 50 00	62 52 30	62 55 00	62 57 30	63 00 00
0 00 00	3227 717.96	3242 953.47	3258 189.06	3273 424.75	3288 660.52
0 02 30	3227 720.22	3242 955.72	3258 191.31	3273 426.99	3288 662.76
0 05 00	3227 726.98	3242 962.48	3258 198.06	3273 433.73	3288 669.49
0 07 30	3227 738.25	3242 973.73	3258 209.30	3273 444.96	3288 680.71
0 10 00	3227 754.02	3242 989.49	3258 225.04	3273 460.69	3288 696.42
0 12 30	3227 774.30	3243 009.75	3258 245.28	3273 480.91	3288 716.62
0 15 00	3227 799.09	3243 034.51	3258 270.02	3273 505.62	3288 741.30
0 17 30	3227 828.39	3243 063.78	3258 299.25	3273 534.82	3288 770.48
0 20 00	3227 862.19	3243 097.55	3258 332.98	3273 568.52	3288 804.14
0 22 30	3227 900.50	3243 135.82	3258 371.21	3273 606.71	3288 842.29
0 25 00	3227 943.31	3243 178.59	3258 413.94	3273 649.39	3288 884.92
0 27 30	3227 990.64	3243 225.86	3258 461.17	3273 696.57	3288 932.05
0 30 00	3228 042.47	3243 277.64	3258 512.89	3273 748.24	3288 983.66
0 32 30	3228 098.81	3243 333.92	3258 569.11	3273 804.40	3289 039.77
0 35 00	3228 159.65	3243 394.70	3258 629.83	3273 865.05	3289 100.36
0 37 30	3228 225.00	3243 459.98	3258 695.04	3273 930.20	3289 165.44
0 40 00	3228 294.87	3243 529.77	3258 764.76	3273 999.84	3289 235.00
0 42 30	3228 369.23	3243 604.06	3258 838.97	3274 073.97	3289 309.06
0 45 00	3228 448.11	3243 682.85	3258 917.68	3274 152.60	3289 387.60
0 47 30	3228 531.49	3243 766.14	3259 000.88	3274 235.72	3289 470.63
0 50 00	3228 619.37	3243 853.94	3259 088.59	3274 323.33	3289 558.15
0 52 30	3228 711.77	3243 946.24	3259 180.79	3274 415.43	3289 650.16
0 55 00	3228 808.67	3244 043.04	3259 277.49	3274 512.03	3289 746.66
0 57 30	3228 910.08	3244 144.34	3259 378.69	3274 613.12	3289 847.64
1 00 00	3229 016.00	3244 250.15	3259 484.38	3274 718.71	3289 953.11
1 02 30	3229 126.42	3244 360.46	3259 594.58	3274 828.78	3290 063.08
1 05 00	3229 241.35	3244 475.27	3259 709.26	3274 943.35	3290 177.53
1 07 30	3229 360.79	3244 594.58	3259 828.45	3275 062.42	3290 296.47
1 10 00	3229 484.73	3244 718.40	3259 952.14	3275 185.98	3290 419.89
1 12 30	3229 613.19	3244 846.72	3260 080.33	3275 314.03	3290 547.81
1 15 00	3229 746.15	3244 979.54	3260 213.01	3275 446.57	3290 680.21
1 17 30	3229 883.61	3245 116.86	3260 350.19	3275 583.61	3290 817.10
1 20 00	3230 025.59	3245 258.69	3260 491.87	3275 725.13	3290 958.48
1 22 30	3230 172.07	3245 405.02	3260 638.04	3275 871.16	3291 104.35
1 25 00	3230 323.06	3245 555.85	3260 788.72	3276 021.67	3291 254.71
1 27 30	3230 478.56	3245 711.18	3260 943.89	3276 176.68	3291 409.56
1 30 00	3230 638.56	3245 871.02	3261 103.56	3276 336.18	3291 568.89
1 32 30	3230 803.07	3246 035.36	3261 267.73	3276 500.18	3291 732.71
1 35 00	3230 972.09	3246 204.20	3261 436.39	3276 668.67	3291 901.02
1 37 30	3231 145.62	3246 377.55	3261 609.56	3276 841.65	3292 073.82
1 40 00	3231 323.65	3246 555.40	3261 787.22	3277 019.13	3292 251.11
1 42 30	3231 506.19	3246 737.75	3261 969.38	3277 201.10	3292 432.89
1 45 00	3231 693.24	3246 924.60	3262 156.03	3277 387.56	3292 619.15
1 47 30	3231 884.80	3247 115.96	3262 347.19	3277 578.51	3292 809.91
1 50 00	3232 080.86	3247 311.82	3262 542.84	3277 773.96	3293 005.15
1 52 30	3232 281.44	3247 512.18	3262 743.00	3277 973.90	3293 204.88
1 55 00	3232 486.51	3247 717.04	3262 947.65	3278 178.34	3293 409.10
1 57 30	3232 696.10	3247 926.41	3263 156.80	3278 387.27	3293 617.81
2 00 00	3232 910.19	3248 140.28	3263 370.45	3278 600.69	3293 831.01
2 02 30	3233 128.80	3248 358.65	3263 588.59	3278 818.61	3294 048.70
2 05 00	3233 351.91	3248 581.53	3263 811.24	3279 041.02	3294 270.88
2 07 30	3233 579.52	3248 808.92	3264 038.38	3279 267.92	3294 497.54
2 10 00	3233 811.65	3249 040.80	3264 270.02	3279 499.32	3294 728.69
2 12 30	3234 048.28	3249 277.19	3264 506.16	3279 735.21	3294 964.33
2 15 00	3234 289.42	3249 518.07	3264 746.79	3279 975.60	3295 204.47
2 17 30	3234 535.07	3249 763.47	3264 991.93	3280 220.47	3295 449.09
2 20 00	3234 785.23	3250 013.36	3265 241.56	3280 469.85	3295 698.20
2 22 30	3235 039.89	3250 267.76	3265 495.70	3280 723.71	3295 951.79
2 25 00	3235 299.07	3250 526.66	3265 754.33	3280 982.07	3296 209.88
2 27 30	3235 562.75	3250 790.07	3266 017.46	3281 244.93	3296 472.46
2 30 00	3235 830.94	3251 057.98	3266 285.09	3281 512.28	3296 739.52
2 32 30	3236 103.64	3251 330.39	3266 557.22	3281 784.12	3297 011.08
2 35 00	3236 380.84	3251 607.31	3266 833.84	3282 060.45	3297 287.12
2 37 30	3236 662.56	3251 888.73	3267 114.96	3282 341.28	3297 567.66
2 40 00	3236 948.78	3252 174.65	3267 400.59	3282 626.60	3297 852.68
2 42 30	3237 239.51	3252 465.08	3267 690.71	3282 916.42	3298 142.19
2 45 00	3237 534.75	3252 760.01	3267 985.33	3283 210.73	3298 436.19
2 47 30	3237 834.50	3253 059.44	3268 284.45	3283 509.54	3298 734.68
2 50 00	3238 138.75	3253 363.38	3268 588.07	3283 812.84	3299 037.67
2 52 30	3238 447.51	3253 671.82	3268 896.19	3284 120.64	3299 345.13
2 55 00	3238 760.79	3253 984.76	3269 208.81	3284 432.93	3299 657.09
2 57 30	3239 078.57	3254 302.21	3269 525.92	3284 749.71	3299 973.54
3 00 00	3239 400.86	3254 624.17	3269 847.54	3285 070.99	3300 294.48

Second-difference correction to y for indicated value of k (for all Δλ's)

k	0" 150"	5" 145"	10" 140"	15" 135"	20" 130"	25" 125"	30" 120"	35" 115"	40" 110"	45" 105"	50" 100"	55" 95"	60" 90"	65" 85"	70" 80"	75" 75"
Correction	-.01	-.08	-.15	-.21	-.27	-.32	-.37	-.41	-.45	-.48	-.51	-.53	-.55	-.56	-.57	-.57

Correction for h is negligible

ALASKA – ZONES 2 TO 9
STATE PLANE COORDINATES IN FEET – X'

Δλ \ φ	63 00 00	63 02 30	63 05 00	63 07 30	63 10 00
0 00 00	0.00	0.00	0.00	0.00	0.00
0 02 30	6 926.63	6 916.76	6 906.88	6 897.00	6 887.12
0 05 00	13 853.26	13 833.52	13 813.76	13 794.00	13 774.23
0 07 30	20 779.89	20 750.27	20 720.63	20 690.99	20 661.33
0 10 00	27 706.51	27 667.01	27 627.50	27 587.98	27 548.44
0 12 30	34 633.12	34 583.75	34 534.36	34 484.95	34 435.53
0 15 00	41 559.72	41 500.48	41 441.21	41 381.92	41 322.61
0 17 30	48 486.31	48 417.19	48 348.05	48 278.88	48 209.68
0 20 00	55 412.88	55 333.89	55 254.87	55 175.82	55 096.74
0 22 30	62 339.44	62 250.57	62 161.67	62 072.74	61 983.77
0 25 00	69 265.98	69 167.24	69 068.46	68 969.64	68 870.79
0 27 30	76 192.49	76 083.87	75 975.22	75 866.52	75 757.78
0 30 00	83 118.98	83 000.49	82 881.96	82 763.38	82 644.76
0 32 30	90 045.45	89 917.08	89 788.67	89 660.21	89 531.70
0 35 00	96 971.88	96 833.64	96 695.36	96 557.01	96 418.62
0 37 30	103 898.29	103 750.18	103 602.01	103 453.79	103 305.51
0 40 00	110 824.66	110 666.68	110 508.63	110 350.53	110 192.36
0 42 30	117 751.00	117 583.15	117 415.22	117 247.24	117 079.19
0 45 00	124 677.31	124 499.57	124 321.78	124 143.91	123 965.97
0 47 30	131 603.57	131 415.97	131 228.28	131 040.54	130 852.72
0 50 00	138 529.80	138 332.32	138 134.76	137 937.13	137 739.42
0 52 30	145 455.98	145 248.62	145 041.19	144 833.67	144 626.08
0 55 00	152 382.11	152 164.88	151 947.57	151 730.18	151 512.70
0 57 30	159 308.20	159 081.10	158 853.90	158 626.63	158 399.27
1 00 00	166 234.24	165 997.26	165 760.19	165 523.04	165 285.79
1 02 30	173 160.23	172 913.37	172 666.43	172 419.39	172 172.26
1 05 00	180 086.16	179 829.43	179 572.61	179 315.69	179 058.67
1 07 30	187 012.04	186 745.44	186 478.73	186 211.93	185 945.03
1 10 00	193 937.86	193 661.38	193 384.80	193 108.11	192 831.33
1 12 30	200 863.62	200 577.27	200 290.81	200 004.24	199 717.57
1 15 00	207 789.32	207 493.09	207 196.75	206 900.30	206 603.74
1 17 30	214 714.95	214 408.85	214 102.63	213 796.30	213 489.86
1 20 00	221 640.51	221 324.54	221 008.45	220 692.23	220 375.90
1 22 30	228 566.01	228 240.16	227 914.19	227 588.09	227 261.87
1 25 00	235 491.44	235 155.71	234 819.86	234 483.88	234 147.78
1 27 30	242 416.79	242 071.19	241 725.45	241 379.60	241 033.61
1 30 00	249 342.06	248 986.59	248 630.98	248 275.24	247 919.36
1 32 30	256 267.26	255 901.91	255 536.42	255 170.80	254 805.04
1 35 00	263 192.38	262 817.16	262 441.79	262 066.29	261 690.64
1 37 30	270 117.42	269 732.32	269 347.08	268 961.69	268 576.15
1 40 00	277 042.38	276 647.40	276 252.28	275 857.00	275 461.59
1 42 30	283 967.24	283 562.39	283 157.39	282 752.24	282 346.93
1 45 00	290 892.02	290 477.30	290 062.42	289 647.38	289 232.19
1 47 30	297 816.71	297 392.11	296 967.35	296 542.43	296 117.35
1 50 00	304 741.31	304 306.83	303 872.19	303 437.39	303 002.43
1 52 30	311 665.81	311 221.46	310 776.94	310 332.26	309 887.41
1 55 00	318 590.22	318 135.99	317 681.60	317 227.03	316 772.29
1 57 30	325 514.52	325 050.42	324 586.15	324 121.69	323 657.07
2 00 00	332 438.72	331 964.75	331 490.59	331 016.26	330 541.75
2 02 30	339 362.83	338 878.97	338 394.94	337 910.73	337 426.33
2 05 00	346 286.82	345 793.10	345 299.18	344 805.08	344 310.80
2 07 30	353 210.71	352 707.11	352 203.31	351 699.33	351 195.16
2 10 00	360 134.49	359 621.01	359 107.34	358 593.47	358 079.42
2 12 30	367 058.15	366 534.80	366 011.25	365 487.50	364 963.56
2 15 00	373 981.71	373 448.47	372 915.04	372 381.41	371 847.59
2 17 30	380 905.14	380 362.04	379 818.73	379 275.21	378 731.49
2 20 00	387 828.46	387 275.48	386 722.29	386 168.89	385 615.29
2 22 30	394 751.66	394 188.80	393 625.73	393 062.45	392 498.96
2 25 00	401 674.73	401 101.99	400 529.04	399 955.88	399 382.50
2 27 30	408 597.68	408 015.07	407 432.24	406 849.19	406 265.93
2 30 00	415 520.50	414 928.01	414 335.31	413 742.37	413 149.22
2 32 30	422 443.19	421 840.83	421 238.24	420 635.43	420 032.38
2 35 00	429 365.75	428 753.52	428 141.05	427 528.34	426 915.42
2 37 30	436 288.18	435 666.06	435 043.72	434 421.13	433 798.32
2 40 00	443 210.47	442 578.48	441 946.25	441 313.78	440 681.08
2 42 30	450 132.62	449 490.76	448 848.65	448 206.30	447 563.71
2 45 00	457 054.64	456 402.90	455 750.91	455 098.67	454 446.19
2 47 30	463 976.51	463 314.89	462 653.02	461 990.90	461 328.54
2 50 00	470 898.23	470 226.74	469 554.99	468 882.98	468 210.73
2 52 30	477 819.82	477 138.44	476 456.81	475 774.92	475 092.78
2 55 00	484 741.25	484 050.00	483 358.49	482 666.71	481 974.69
2 57 30	491 662.53	490 961.40	490 260.01	489 558.35	488 856.44
3 00 00	498 583.66	497 872.65	497 161.38	496 449.84	495 738.03

Second-difference correction to x' for indicated values of h and Δλ

Δλ \ h	0" 150"	15" 135"	30" 120"	45" 105"	60" 90"	75" 75"
0°	0	0	0	0	0	0
1°	0	+.01	+.01	+.01	+.02	+.02
2°	+.01	+.02	+.02	+.03	+.03	+.03
3°	+.01	+.03	+.04	+.04	+.04	+.05

Correction for k is negligible

ALASKA – ZONES 2 TO 9
STATE PLANE COORDINATES IN FEET – Y

Δλ \ φ	63 00 00	63 02 30	63 05 00	63 07 30	63 10 00
0 00 00	3288 660.52	3303 896.39	3319 132.34	3334 368.39	3349 604.53
0 02 30	3288 662.76	3303 898.63	3319 134.59	3334 370.63	3349 606.77
0 05 00	3288 669.49	3303 905.35	3319 141.30	3334 377.34	3349 613.47
0 07 30	3288 680.71	3303 916.56	3319 152.50	3334 388.52	3349 624.65
0 10 00	3288 696.42	3303 932.25	3319 168.17	3334 404.18	3349 640.29
0 12 30	3288 716.62	3303 952.43	3319 188.33	3334 424.32	3349 660.40
0 15 00	3288 741.30	3303 977.09	3319 212.96	3334 448.92	3349 684.98
0 17 30	3288 770.48	3304 006.23	3319 242.07	3334 478.01	3349 714.03
0 20 00	3288 804.14	3304 039.86	3319 275.66	3334 511.56	3349 747.55
0 22 30	3288 842.29	3304 077.96	3319 313.73	3334 549.59	3349 785.53
0 25 00	3288 884.92	3304 120.56	3319 356.28	3334 592.09	3349 827.99
0 27 30	3288 932.05	3304 167.63	3319 403.31	3334 639.07	3349 874.92
0 30 00	3288 983.66	3304 219.20	3319 454.81	3334 690.52	3349 926.31
0 32 30	3289 039.77	3304 275.24	3319 510.79	3334 746.44	3349 982.18
0 35 00	3289 100.36	3304 335.76	3319 571.25	3334 806.84	3350 042.51
0 37 30	3289 165.44	3304 400.77	3319 636.20	3334 871.71	3350 107.32
0 40 00	3289 235.00	3304 470.27	3319 705.61	3334 941.06	3350 176.59
0 42 30	3289 309.06	3304 544.25	3319 779.52	3335 014.88	3350 250.33
0 45 00	3289 387.60	3304 622.70	3319 857.89	3335 093.17	3350 328.54
0 47 30	3289 470.63	3304 705.65	3319 940.75	3335 175.94	3350 411.22
0 50 00	3289 558.15	3304 793.08	3320 028.08	3335 263.18	3350 498.37
0 52 30	3289 650.16	3304 884.99	3320 119.90	3335 354.90	3350 589.99
0 55 00	3289 746.66	3304 981.39	3320 216.19	3335 451.09	3350 686.08
0 57 30	3289 847.64	3305 082.26	3320 316.96	3335 551.75	3350 786.63
1 00 00	3289 953.11	3305 187.62	3320 422.21	3335 656.89	3350 891.66
1 02 30	3290 063.08	3305 297.47	3320 531.94	3335 766.50	3351 001.16
1 05 00	3290 177.53	3305 411.80	3320 646.15	3335 880.59	3351 115.12
1 07 30	3290 296.47	3305 530.61	3320 764.84	3335 999.15	3351 233.56
1 10 00	3290 419.89	3305 653.91	3320 888.00	3336 122.19	3351 356.46
1 12 30	3290 547.81	3305 781.69	3321 015.65	3336 249.70	3351 483.83
1 15 00	3290 680.21	3305 913.95	3321 147.77	3336 381.68	3351 615.67
1 17 30	3290 817.10	3306 050.70	3321 284.37	3336 518.13	3351 751.98
1 20 00	3290 958.48	3306 191.93	3321 425.45	3336 659.06	3351 892.77
1 22 30	3291 104.35	3306 337.64	3321 571.01	3336 804.47	3352 038.02
1 25 00	3291 254.71	3306 487.84	3321 721.05	3336 954.35	3352 187.74
1 27 30	3291 409.56	3306 642.52	3321 875.57	3337 108.71	3352 341.93
1 30 00	3291 568.89	3306 801.69	3322 034.57	3337 267.53	3352 500.58
1 32 30	3291 732.71	3306 965.34	3322 198.04	3337 430.84	3352 663.71
1 35 00	3291 901.02	3307 133.47	3322 366.00	3337 598.61	3352 831.31
1 37 30	3292 073.82	3307 306.09	3322 538.43	3337 770.86	3353 003.38
1 40 00	3292 251.11	3307 483.19	3322 715.35	3337 947.59	3353 179.92
1 42 30	3292 432.89	3307 664.78	3322 896.74	3338 128.79	3353 360.92
1 45 00	3292 619.15	3307 850.84	3323 082.62	3338 314.46	3353 546.40
1 47 30	3292 809.91	3308 041.40	3323 272.97	3338 504.62	3353 736.35
1 50 00	3293 005.15	3308 236.44	3323 467.79	3338 699.24	3353 930.76
1 52 30	3293 204.88	3308 435.95	3323 667.11	3338 898.33	3354 129.65
1 55 00	3293 409.10	3308 639.96	3323 870.89	3339 101.91	3354 333.00
1 57 30	3293 617.81	3308 848.45	3324 079.16	3339 309.95	3354 540.83
2 00 00	3293 831.01	3309 061.42	3324 291.91	3339 522.47	3354 753.12
2 02 30	3294 048.70	3309 278.88	3324 509.13	3339 739.47	3354 969.89
2 05 00	3294 270.88	3309 500.82	3324 730.84	3339 960.94	3355 191.12
2 07 30	3294 497.54	3309 727.25	3324 957.02	3340 186.89	3355 416.83
2 10 00	3294 728.69	3309 958.16	3325 187.69	3340 417.30	3355 647.00
2 12 30	3294 964.33	3310 193.55	3325 422.83	3340 652.20	3355 881.64
2 15 00	3295 204.47	3310 433.42	3325 662.46	3340 891.57	3356 120.75
2 17 30	3295 449.09	3310 677.79	3325 906.56	3341 135.41	3356 364.34
2 20 00	3295 698.20	3310 926.64	3326 155.15	3341 383.73	3356 612.39
2 22 30	3295 951.79	3311 179.97	3326 408.21	3341 636.52	3356 864.91
2 25 00	3296 209.88	3311 437.78	3326 665.75	3341 893.79	3357 121.91
2 27 30	3296 472.46	3311 700.08	3326 927.77	3342 155.53	3357 383.37
2 30 00	3296 739.52	3311 966.86	3327 194.27	3342 421.75	3357 649.30
2 32 30	3297 011.08	3312 238.13	3327 465.25	3342 692.44	3357 919.71
2 35 00	3297 287.12	3312 513.89	3327 740.71	3342 967.61	3358 194.58
2 37 30	3297 567.66	3312 794.12	3328 020.65	3343 247.25	3358 473.93
2 40 00	3297 852.68	3313 078.84	3328 305.07	3343 531.37	3358 757.74
2 42 30	3298 142.19	3313 368.05	3328 593.97	3343 819.96	3359 046.02
2 45 00	3298 436.19	3313 661.74	3328 887.35	3344 113.03	3359 338.78
2 47 30	3298 734.68	3313 959.92	3329 185.21	3344 410.57	3359 636.01
2 50 00	3299 037.67	3314 262.58	3329 487.55	3344 712.59	3359 937.70
2 52 30	3299 345.13	3314 569.72	3329 794.37	3345 019.08	3360 243.87
2 55 00	3299 657.09	3314 881.35	3330 105.67	3345 330.05	3360 554.50
2 57 30	3299 973.54	3315 197.46	3330 421.45	3345 645.49	3360 869.61
3 00 00	3300 294.48	3315 518.06	3330 741.71	3345 965.41	3361 189.19

Second-difference correction to y for indicated value of k (for all Δλ's)

k	0" 150"	5" 145"	10" 140"	15" 135"	20" 130"	25" 125"	30" 120"	35" 115"	40" 110"	45" 105"	50" 100"	55" 95"	60" 90"	65" 85"	70" 80"	75" 75"
Correction	-.01	-.08	-.15	-.21	-.27	-.32	-.37	-.41	-.45	-.48	-.51	-.53	-.55	-.56	-.57	-.57

Correction for h is negligible

ALASKA – ZONES 2 TO 9
STATE PLANE COORDINATES IN FEET – X'

Δλ \ φ	63 10 00	63 12 30	63 15 00	63 17 30	63 20 00
0 00 00	0.00	0.00	0.00	0.00	0.00
0 02 30	6 887.12	6 877.23	6 867.33	6 857.44	6 847.54
0 05 00	13 774.23	13 754.45	13 734.66	13 714.87	13 695.07
0 07 30	20 661.33	20 631.67	20 601.99	20 572.30	20 542.60
0 10 00	27 548.44	27 508.88	27 469.31	27 429.73	27 390.13
0 12 30	34 435.53	34 386.09	34 336.62	34 287.14	34 237.64
0 15 00	41 322.61	41 263.28	41 203.92	41 144.54	41 085.14
0 17 30	48 209.68	48 140.46	48 071.21	48 001.94	47 932.64
0 20 00	55 096.74	55 017.63	54 938.49	54 859.32	54 780.12
0 22 30	61 983.77	61 894.77	61 805.74	61 716.67	61 627.57
0 25 00	68 870.79	68 771.90	68 672.98	68 574.01	68 475.01
0 27 30	75 757.78	75 649.01	75 540.19	75 431.33	75 322.43
0 30 00	82 644.76	82 526.09	82 407.38	82 288.62	82 169.83
0 32 30	89 531.70	89 403.15	89 274.55	89 145.89	89 017.19
0 35 00	96 418.62	96 280.18	96 141.68	96 003.13	95 864.54
0 37 30	103 305.51	103 157.18	103 008.79	102 860.35	102 711.85
0 40 00	110 192.36	110 034.14	109 875.86	109 717.52	109 559.12
0 42 30	117 079.19	116 911.08	116 742.90	116 574.67	116 406.37
0 45 00	123 965.97	123 787.97	123 609.90	123 431.77	123 253.57
0 47 30	130 852.72	130 664.83	130 476.87	130 288.84	130 100.74
0 50 00	137 739.42	137 541.64	137 343.79	137 145.87	136 947.87
0 52 30	144 626.08	144 418.42	144 210.67	144 002.85	143 794.95
0 55 00	151 512.70	151 295.15	151 077.51	150 859.79	150 641.99
0 57 30	158 399.27	158 171.82	157 944.29	157 716.68	157 488.98
1 00 00	165 285.79	165 048.45	164 811.03	164 573.52	164 335.92
1 02 30	172 172.26	171 925.03	171 677.71	171 430.31	171 182.80
1 05 00	179 058.67	178 801.56	178 544.35	178 287.04	178 029.54
1 07 30	185 945.03	185 678.02	185 410.92	185 143.72	184 876.42
1 10 00	192 831.33	192 554.43	192 277.44	192 000.34	191 723.14
1 12 30	199 717.57	199 430.79	199 143.90	198 856.90	198 569.80
1 15 00	206 603.74	206 307.07	206 010.29	205 713.40	205 416.39
1 17 30	213 489.86	213 183.29	212 876.62	212 569.83	212 262.93
1 20 00	220 375.90	220 059.45	219 742.88	219 426.19	219 109.39
1 22 30	227 261.87	226 935.53	226 609.07	226 282.49	225 955.79
1 25 00	234 147.78	233 811.55	233 475.20	233 138.72	232 802.11
1 27 30	241 033.61	240 687.49	240 341.24	239 994.87	239 648.36
1 30 00	247 919.36	247 563.36	247 207.21	246 850.94	246 494.54
1 32 30	254 805.04	254 439.14	254 073.11	253 706.94	253 340.63
1 35 00	261 690.64	261 314.85	260 938.92	260 562.86	260 186.65
1 37 30	268 576.15	268 190.48	267 804.66	267 418.69	267 032.58
1 40 00	275 461.59	275 066.02	274 670.31	274 274.44	273 878.44
1 42 30	282 346.93	281 941.48	281 535.87	281 130.11	280 724.20
1 45 00	289 232.19	288 816.85	288 401.34	287 985.69	287 569.88
1 47 30	296 117.35	295 692.13	295 266.73	294 841.17	294 415.46
1 50 00	303 002.43	302 567.30	302 132.01	301 696.56	301 260.95
1 52 30	309 887.41	309 442.39	308 997.21	308 551.86	308 106.35
1 55 00	316 772.29	316 317.39	315 862.31	315 407.06	314 951.65
1 57 30	323 657.07	323 192.28	322 727.31	322 262.17	321 796.85
2 00 00	330 541.75	330 067.07	329 592.20	329 117.16	328 641.94
2 02 30	337 426.33	336 941.75	336 456.99	335 972.06	335 486.94
2 05 00	344 310.80	343 816.34	343 321.69	342 826.85	342 331.83
2 07 30	351 195.16	350 690.80	350 186.26	349 681.53	349 176.61
2 10 00	358 079.42	357 565.17	357 050.73	356 536.10	356 021.28
2 12 30	364 963.56	364 439.43	363 915.09	363 390.56	362 865.83
2 15 00	371 847.59	371 313.56	370 779.33	370 244.90	369 710.28
2 17 30	378 731.49	378 187.58	377 643.45	377 099.13	376 554.60
2 20 00	385 615.29	385 061.48	384 507.46	383 953.23	383 398.81
2 22 30	392 498.96	391 935.26	391 371.35	390 807.22	390 242.89
2 25 00	399 382.50	398 808.91	398 235.11	397 661.09	397 086.86
2 27 30	406 265.93	405 682.45	405 098.75	404 514.83	403 930.69
2 30 00	413 149.22	412 555.85	411 962.25	411 368.44	410 774.40
2 32 30	420 032.38	419 429.12	418 825.63	418 221.92	417 617.98
2 35 00	426 915.42	426 302.27	425 688.88	425 075.27	424 461.43
2 37 30	433 798.32	433 175.28	432 552.00	431 928.49	431 304.74
2 40 00	440 681.08	440 048.15	439 414.97	438 781.56	438 147.92
2 42 30	447 563.71	446 920.88	446 277.81	445 634.50	444 990.96
2 45 00	454 446.19	453 793.48	453 140.51	452 487.30	451 833.85
2 47 30	461 328.54	460 665.93	460 003.06	459 339.96	458 676.61
2 50 00	468 210.73	467 538.23	466 865.48	466 192.47	465 519.22
2 52 30	475 092.78	474 410.39	473 727.74	473 044.84	472 361.68
2 55 00	481 974.69	481 282.40	480 589.86	479 897.05	479 204.00
2 57 30	488 856.44	488 154.26	487 451.82	486 749.12	486 046.15
3 00 00	495 738.03	495 025.97	494 313.63	493 601.03	492 888.16

Second-difference correction to x' for indicated values of h and Δλ

Δλ \ h	0" 150"	15" 135"	30" 120"	45" 105"	60" 90"	75" 75"
0°	0	0	0	0	0	0
1°	0	+.01	+.01	+.01	+.02	+.02
2°	+.01	+.02	+.02	+.03	+.03	+.03
3°	+.01	+.03	+.04	+.04	+.04	+.05

Correction for k is negligible

ALASKA – ZONES 2 TO 9
STATE PLANE COORDINATES IN FEET – Y

Δλ \ φ	63 10 00	63 12 30	63 15 00	63 17 30	63 20 00
0 00 00	3349 604.53	3364 840.76	3380 077.09	3395 313.50	3410 550.01
0 02 30	3349 606.77	3364 842.99	3380 079.32	3395 315.73	3410 552.23
0 05 00	3349 613.47	3364 849.69	3380 086.01	3395 322.41	3410 558.91
0 07 30	3349 624.65	3364 860.85	3380 097.16	3395 333.55	3410 570.03
0 10 00	3349 640.29	3364 876.48	3380 112.77	3395 349.14	3410 585.61
0 12 30	3349 660.40	3364 896.57	3380 132.84	3395 369.19	3410 605.63
0 15 00	3349 684.98	3364 921.12	3380 157.36	3395 393.69	3410 630.11
0 17 30	3349 714.03	3364 950.14	3380 186.35	3395 422.64	3410 659.03
0 20 00	3349 747.55	3364 983.62	3380 219.80	3395 456.05	3410 692.41
0 22 30	3349 785.53	3365 021.57	3380 257.70	3395 493.92	3410 730.23
0 25 00	3349 827.99	3365 063.98	3380 300.07	3395 536.24	3410 772.51
0 27 30	3349 874.92	3365 110.86	3380 346.90	3395 583.01	3410 819.23
0 30 00	3349 926.31	3365 162.20	3380 398.18	3395 634.25	3410 870.41
0 32 30	3349 982.18	3365 218.00	3380 453.93	3395 689.93	3410 926.03
0 35 00	3350 042.51	3365 278.27	3380 514.13	3395 750.07	3410 986.10
0 37 30	3350 107.32	3365 343.01	3380 578.80	3395 814.66	3411 050.63
0 40 00	3350 176.59	3365 412.20	3380 647.92	3395 883.72	3411 119.60
0 42 30	3350 250.33	3365 485.87	3380 721.51	3395 957.22	3411 193.03
0 45 00	3350 328.54	3365 564.00	3380 799.55	3396 035.18	3411 270.91
0 47 30	3350 411.22	3365 646.59	3380 882.05	3396 117.60	3411 353.23
0 50 00	3350 498.37	3365 733.64	3380 969.02	3396 204.46	3411 440.01
0 52 30	3350 589.99	3365 825.16	3381 060.44	3396 295.79	3411 531.23
0 55 00	3350 686.08	3365 921.15	3381 156.32	3396 391.57	3411 626.91
0 57 30	3350 786.63	3366 021.60	3381 256.66	3396 491.80	3411 727.04
1 00 00	3350 891.66	3366 126.51	3381 361.46	3396 596.49	3411 831.61
1 02 30	3351 001.16	3366 235.89	3381 470.72	3396 705.64	3411 940.64
1 05 00	3351 115.12	3366 349.73	3381 584.44	3396 819.23	3412 054.11
1 07 30	3351 233.56	3366 468.04	3381 702.62	3396 937.29	3412 172.04
1 10 00	3351 356.46	3366 590.81	3381 825.27	3397 059.80	3412 294.42
1 12 30	3351 483.83	3366 718.05	3381 952.37	3397 186.76	3412 421.24
1 15 00	3351 615.67	3366 849.75	3382 083.92	3397 318.18	3412 552.52
1 17 30	3351 751.98	3366 985.92	3382 219.95	3397 454.05	3412 688.25
1 20 00	3351 892.77	3367 126.55	3382 360.43	3397 594.38	3412 828.43
1 22 30	3352 038.02	3367 271.64	3382 505.37	3397 739.17	3412 973.06
1 25 00	3352 187.74	3367 421.20	3382 654.77	3397 888.40	3413 122.13
1 27 30	3352 341.93	3367 575.23	3382 808.63	3398 042.10	3413 275.66
1 30 00	3352 500.58	3367 733.72	3382 966.94	3398 200.25	3413 433.64
1 32 30	3352 663.71	3367 896.67	3383 129.72	3398 362.85	3413 596.07
1 35 00	3352 831.31	3368 064.09	3383 296.97	3398 529.91	3413 762.95
1 37 30	3353 003.38	3368 235.97	3383 468.66	3398 701.43	3413 934.28
1 40 00	3353 179.92	3368 412.32	3383 644.82	3398 877.39	3414 110.05
1 42 30	3353 360.92	3368 593.14	3383 825.44	3399 057.82	3414 290.29
1 45 00	3353 546.40	3368 778.42	3384 010.52	3399 242.70	3414 474.97
1 47 30	3353 736.35	3368 968.16	3384 200.06	3399 432.04	3414 664.10
1 50 00	3353 930.76	3369 162.37	3384 394.06	3399 625.83	3414 857.68
1 52 30	3354 129.65	3369 361.04	3384 592.52	3399 824.07	3415 055.71
1 55 00	3354 333.00	3369 564.18	3384 795.44	3400 026.78	3415 258.19
1 57 30	3354 540.83	3369 771.78	3385 002.82	3400 233.93	3415 465.13
2 00 00	3354 753.12	3369 983.84	3385 214.66	3400 445.54	3415 676.51
2 02 30	3354 969.89	3370 200.38	3385 430.96	3400 661.61	3415 892.34
2 05 00	3355 191.12	3370 421.38	3385 651.72	3400 882.13	3416 112.63
2 07 30	3355 416.83	3370 646.84	3385 876.94	3401 107.11	3416 337.37
2 10 00	3355 647.00	3370 876.77	3386 106.62	3401 336.55	3416 566.55
2 12 30	3355 881.64	3371 111.16	3386 340.76	3401 570.44	3416 800.19
2 15 00	3356 120.75	3371 350.02	3386 579.36	3401 808.78	3417 038.28
2 17 30	3356 364.34	3371 593.34	3386 822.43	3402 051.58	3417 280.81
2 20 00	3356 612.39	3371 841.13	3387 069.95	3402 298.83	3417 527.80
2 22 30	3356 864.91	3372 093.38	3387 321.93	3402 550.55	3417 779.24
2 25 00	3357 121.91	3372 350.10	3387 578.38	3402 806.71	3418 035.14
2 27 30	3357 383.37	3372 611.28	3387 839.28	3403 067.34	3418 295.48
2 30 00	3357 649.30	3372 876.93	3388 104.64	3403 332.42	3418 560.27
2 32 30	3357 919.71	3373 147.05	3388 374.46	3403 601.95	3418 829.51
2 35 00	3358 194.58	3373 421.63	3388 648.75	3403 875.94	3419 103.20
2 37 30	3358 473.93	3373 700.67	3388 927.50	3404 154.39	3419 381.35
2 40 00	3358 757.74	3373 984.18	3389 210.70	3404 437.29	3419 663.94
2 42 30	3359 046.02	3374 272.16	3389 498.37	3404 724.64	3419 950.99
2 45 00	3359 338.78	3374 564.60	3389 790.50	3405 016.46	3420 242.49
2 47 30	3359 636.01	3374 861.50	3390 087.09	3405 312.73	3420 538.44
2 50 00	3359 937.70	3375 162.88	3390 388.14	3405 613.45	3420 838.84
2 52 30	3360 243.87	3375 468.71	3390 693.64	3405 918.63	3421 143.69
2 55 00	3360 554.50	3375 779.02	3391 003.61	3406 228.27	3421 452.99
2 57 30	3360 869.61	3376 093.79	3391 318.05	3406 542.36	3421 766.75
3 00 00	3361 189.19	3376 413.02	3391 636.94	3406 860.91	3422 084.95

Second-difference correction to y for indicated value of k (for all Δλ's)

k	0" 150"	5" 145"	10" 140"	15" 135"	20" 130"	25" 125"	30" 120"	35" 115"	40" 110"	45" 105"	50" 100"	55" 95"	60" 90"	65" 85"	70" 80"	75" 75"
Correction	-.01	-.08	-.15	-.21	-.27	-.32	-.37	-.41	-.45	-.48	-.51	-.53	-.55	-.56	-.57	-.57

Correction for h is negligible

ALASKA – ZONES 2 TO 9
STATE PLANE COORDINATES IN FEET – X'

Δλ \ φ	63 20 00	63 22 30	63 25 00	63 27 30	63 30 00
0 00 00	0.00	0.00	0.00	0.00	0.00
0 02 30	6 847.54	6 837.63	6 827.73	6 817.81	6 807.90
0 05 00	13 695.07	13 675.26	13 655.45	13 635.63	13 615.80
0 07 30	20 542.60	20 512.89	20 483.17	20 453.44	20 423.69
0 10 00	27 390.13	27 350.51	27 310.88	27 271.24	27 231.58
0 12 30	34 237.64	34 188.12	34 138.59	34 089.03	34 039.46
0 15 00	41 085.14	41 025.73	40 966.28	40 906.81	40 847.33
0 17 30	47 932.64	47 863.31	47 793.96	47 724.59	47 655.18
0 20 00	54 780.12	54 700.89	54 621.63	54 542.34	54 463.02
0 22 30	61 627.57	61 538.44	61 449.28	61 360.08	61 270.85
0 25 00	68 475.01	68 375.98	68 276.90	68 177.80	68 078.65
0 27 30	75 322.43	75 213.49	75 104.52	74 995.49	74 886.43
0 30 00	82 169.83	82 050.98	81 932.10	81 813.17	81 694.19
0 32 30	89 017.19	88 888.45	88 759.66	88 630.81	88 501.92
0 35 00	95 864.54	95 725.89	95 587.18	95 448.43	95 309.63
0 37 30	102 711.85	102 563.29	102 414.68	102 266.02	102 117.30
0 40 00	109 559.12	109 400.67	109 242.15	109 083.57	108 924.94
0 42 30	116 406.37	116 238.00	116 069.58	115 901.09	115 732.54
0 45 00	123 253.57	123 075.31	122 896.98	122 718.58	122 540.11
0 47 30	130 100.74	129 912.57	129 724.33	129 536.02	129 347.64
0 50 00	136 947.87	136 749.79	136 551.65	136 353.43	136 155.13
0 52 30	143 794.95	143 586.97	143 378.92	143 170.79	142 962.58
0 55 00	150 641.99	150 424.11	150 206.15	149 988.10	149 769.98
0 57 30	157 488.98	157 261.19	157 033.32	156 805.37	156 577.33
1 00 00	164 335.92	164 098.23	163 860.46	163 622.59	163 384.64
1 02 30	171 182.80	170 935.21	170 687.53	170 439.76	170 191.89
1 05 00	178 029.64	177 772.14	177 514.55	177 256.87	176 999.08
1 07 30	184 876.42	184 609.02	184 341.52	184 073.92	183 806.22
1 10 00	191 723.14	191 445.83	191 168.43	190 890.92	190 613.31
1 12 30	198 569.80	198 282.59	197 995.28	197 707.86	197 420.33
1 15 00	205 416.39	205 119.28	204 822.06	204 524.73	204 227.29
1 17 30	212 262.93	211 955.91	211 648.78	211 341.54	211 034.18
1 20 00	219 109.39	218 792.47	218 475.43	218 158.28	217 841.01
1 22 30	225 955.79	225 628.96	225 302.02	224 974.95	224 647.76
1 25 00	232 802.11	232 465.38	232 128.53	231 791.55	231 454.45
1 27 30	239 648.36	239 301.73	238 954.96	238 608.08	238 261.06
1 30 00	246 494.54	246 138.00	245 781.33	245 424.53	245 067.60
1 32 30	253 340.63	252 974.19	252 607.62	252 240.90	251 874.05
1 35 00	260 186.65	259 810.31	259 433.82	259 057.20	258 680.43
1 37 30	267 032.58	266 646.34	266 259.94	265 873.41	265 486.73
1 40 00	273 878.44	273 482.28	273 085.98	272 689.53	272 292.94
1 42 30	280 724.20	280 318.14	279 911.93	279 505.58	279 099.06
1 45 00	287 569.88	287 153.92	286 737.80	286 321.53	285 905.10
1 47 30	294 415.46	293 989.60	293 563.57	293 137.39	292 711.05
1 50 00	301 260.95	300 825.18	300 389.24	299 953.15	299 516.89
1 52 30	308 106.35	307 660.67	307 214.83	306 768.82	306 322.65
1 55 00	314 951.65	314 496.07	314 040.32	313 584.40	313 128.31
1 57 30	321 796.85	321 331.37	320 865.70	320 399.87	319 933.87
2 00 00	328 641.94	328 166.55	327 690.99	327 215.24	326 739.32
2 02 30	335 486.94	335 001.65	334 516.17	334 030.51	333 544.68
2 05 00	342 331.83	341 836.63	341 341.25	340 845.68	340 349.92
2 07 30	349 176.61	348 671.50	348 166.21	347 660.73	347 155.07
2 10 00	356 021.28	355 506.27	354 991.06	354 475.68	353 960.09
2 12 30	362 865.83	362 340.92	361 815.81	361 290.50	360 765.00
2 15 00	369 710.28	369 175.46	368 640.44	368 105.22	367 569.81
2 17 30	376 554.60	376 009.88	375 464.95	374 919.82	374 374.49
2 20 00	383 398.81	382 844.18	382 289.34	381 734.30	381 179.05
2 22 30	390 242.89	389 678.36	389 113.61	388 548.66	387 983.50
2 25 00	397 086.86	396 512.42	395 937.76	395 362.89	394 787.81
2 27 30	403 930.69	403 346.35	402 761.79	402 177.00	401 592.01
2 30 00	410 774.40	410 180.15	409 585.68	408 990.99	408 396.07
2 32 30	417 617.98	417 013.83	416 409.45	415 804.84	415 200.01
2 35 00	424 461.43	423 847.37	423 233.08	422 618.56	422 003.81
2 37 30	431 304.74	430 680.78	430 056.57	429 432.14	428 807.48
2 40 00	438 147.92	437 514.05	436 879.94	436 245.59	435 611.01
2 42 30	444 990.96	444 347.18	443 703.16	443 058.90	442 414.40
2 45 00	451 833.85	451 180.17	450 526.24	449 872.07	449 217.66
2 47 30	458 676.61	458 013.02	457 349.18	456 685.10	456 020.77
2 50 00	465 519.22	464 845.72	464 171.98	463 497.98	462 823.73
2 52 30	472 361.68	471 678.28	470 994.62	470 310.71	469 626.55
2 55 00	479 204.00	478 510.69	477 817.12	477 123.29	476 429.21
2 57 30	486 046.15	485 342.94	484 639.46	483 935.72	483 231.73
3 00 00	492 888.16	492 175.05	491 461.66	490 748.00	490 034.09

Second-difference correction to x' for indicated values of h and Δλ

Δλ \ h	0" 150"	15" 135"	30" 120"	45" 105"	60" 90"	75" 75"
0°	0	0	0	0	0	0
1°	0	+.01	+.01	+.01	+.02	+.02
2°	+.01	+.02	+.02	+.03	+.03	+.03
3°	+.01	+.03	+.04	+.04	+.04	+.05

Correction for k is negligible

ALASKA – ZONES 2 TO 9
STATE PLANE COORDINATES IN FEET – Y

Δλ \ φ	63 20 00	63 22 30	63 25 00	63 27 30	63 30 00
0 00 00	3410 550.01	3425 786.60	3441 023.29	3456 260.06	3471 496.93
0 02 30	3410 552.23	3425 788.82	3441 025.51	3456 262.28	3471 499.15
0 05 00	3410 558.91	3425 795.49	3441 032.17	3456 268.93	3471 505.79
0 07 30	3410 570.03	3425 806.60	3441 043.27	3456 280.02	3471 516.87
0 10 00	3410 585.61	3425 822.16	3441 058.81	3456 295.55	3471 532.38
0 12 30	3410 605.63	3425 842.16	3441 078.79	3456 315.50	3471 552.32
0 15 00	3410 630.11	3425 866.61	3441 103.22	3456 339.90	3471 576.69
0 17 30	3410 659.03	3425 895.51	3441 132.08	3456 368.73	3471 605.48
0 20 00	3410 692.41	3425 928.85	3441 165.38	3456 402.00	3471 638.71
0 22 30	3410 730.23	3425 966.63	3441 203.12	3456 439.70	3471 676.37
0 25 00	3410 772.51	3426 008.86	3441 245.31	3456 481.84	3471 718.47
0 27 30	3410 819.23	3426 055.53	3441 291.93	3456 528.41	3471 764.99
0 30 00	3410 870.41	3426 106.65	3441 342.99	3456 579.42	3471 815.94
0 32 30	3410 926.03	3426 162.22	3441 398.50	3456 634.86	3471 871.32
0 35 00	3410 986.10	3426 222.23	3441 458.44	3456 694.74	3471 931.14
0 37 30	3411 050.63	3426 286.68	3441 522.83	3456 759.06	3471 995.38
0 40 00	3411 119.60	3426 355.58	3441 591.65	3456 827.81	3472 064.06
0 42 30	3411 193.03	3426 428.93	3441 664.92	3456 901.00	3472 137.17
0 45 00	3411 270.91	3426 506.72	3441 742.63	3456 978.62	3472 214.71
0 47 30	3411 353.23	3426 588.96	3441 824.78	3457 060.68	3472 296.67
0 50 00	3411 440.01	3426 675.64	3441 911.36	3457 147.17	3472 383.07
0 52 30	3411 531.23	3426 766.76	3442 002.39	3457 238.10	3472 473.90
0 55 00	3411 626.91	3426 862.34	3442 097.86	3457 333.46	3472 569.16
0 57 30	3411 727.04	3426 962.36	3442 197.77	3457 433.27	3472 668.85
1 00 00	3411 831.61	3427 066.82	3442 302.12	3457 537.50	3472 772.98
1 02 30	3411 940.64	3427 175.72	3442 410.91	3457 646.17	3472 881.52
1 05 00	3412 054.11	3427 289.08	3442 524.14	3457 759.28	3472 994.51
1 07 30	3412 172.04	3427 406.88	3442 641.81	3457 876.82	3473 111.92
1 10 00	3412 294.42	3427 529.12	3442 763.92	3457 998.80	3473 233.77
1 12 30	3412 421.24	3427 655.81	3442 890.47	3458 125.21	3473 360.04
1 15 00	3412 552.52	3427 786.95	3443 021.47	3458 256.07	3473 490.75
1 17 30	3412 688.25	3427 922.53	3443 156.90	3458 391.35	3473 625.89
1 20 00	3412 828.43	3428 062.55	3443 296.77	3458 531.07	3473 765.46
1 22 30	3412 973.06	3428 207.02	3443 441.09	3458 675.23	3473 909.46
1 25 00	3413 122.13	3428 355.94	3443 589.84	3458 823.82	3474 057.89
1 27 30	3413 275.66	3428 509.30	3443 743.04	3458 976.85	3474 210.75
1 30 00	3413 433.64	3428 667.11	3443 900.67	3459 134.31	3474 368.04
1 32 30	3413 596.07	3428 829.37	3444 062.75	3459 296.21	3474 529.77
1 35 00	3413 762.95	3428 996.06	3444 229.27	3459 462.55	3474 695.92
1 37 30	3413 934.28	3429 167.21	3444 400.23	3459 633.32	3474 866.51
1 40 00	3414 110.05	3429 342.80	3444 575.63	3459 808.53	3475 041.52
1 42 30	3414 290.29	3429 522.83	3444 755.47	3459 988.17	3475 220.98
1 45 00	3414 474.97	3429 707.31	3444 939.75	3460 172.26	3475 404.85
1 47 30	3414 664.10	3429 896.24	3445 128.47	3460 360.77	3475 593.16
1 50 00	3414 857.68	3430 089.61	3445 321.63	3460 553.72	3475 785.90
1 52 30	3415 055.71	3430 287.43	3445 519.23	3460 751.11	3475 983.07
1 55 00	3415 258.19	3430 489.69	3445 721.27	3460 952.93	3476 184.68
1 57 30	3415 465.13	3430 696.40	3445 927.76	3461 159.19	3476 390.71
2 00 00	3415 676.51	3430 907.56	3446 138.68	3461 369.89	3476 601.18
2 02 30	3415 892.34	3431 123.16	3446 354.05	3461 585.02	3476 816.07
2 05 00	3416 112.63	3431 343.20	3446 573.86	3461 804.59	3477 035.40
2 07 30	3416 337.37	3431 567.69	3446 798.11	3462 028.59	3477 259.16
2 10 00	3416 566.55	3431 796.63	3447 026.80	3462 257.04	3477 487.35
2 12 30	3416 800.19	3432 030.02	3447 259.93	3462 489.91	3477 719.97
2 15 00	3417 038.28	3432 267.85	3447 497.50	3462 727.22	3477 957.03
2 17 30	3417 280.81	3432 510.12	3447 739.51	3462 968.97	3478 198.51
2 20 00	3417 527.80	3432 756.84	3447 985.96	3463 215.16	3478 444.43
2 22 30	3417 779.24	3433 008.01	3448 236.86	3463 465.78	3478 694.78
2 25 00	3418 035.14	3433 263.62	3448 492.19	3463 720.83	3478 949.55
2 27 30	3418 295.48	3433 523.68	3448 751.97	3463 980.33	3479 208.77
2 30 00	3418 560.27	3433 788.19	3449 016.19	3464 244.26	3479 472.41
2 32 30	3418 829.51	3434 057.14	3449 284.85	3464 512.63	3479 740.48
2 35 00	3419 103.20	3434 330.54	3449 557.95	3464 785.43	3480 012.99
2 37 30	3419 381.35	3434 608.38	3449 835.49	3465 062.67	3480 289.92
2 40 00	3419 663.94	3434 890.67	3450 117.48	3465 344.34	3480 571.29
2 42 30	3419 950.99	3435 177.40	3450 403.90	3465 630.46	3480 857.09
2 45 00	3420 242.49	3435 468.59	3450 694.76	3465 921.00	3481 147.32
2 47 30	3420 538.44	3435 764.21	3450 990.07	3466 215.99	3481 441.98
2 50 00	3420 838.84	3436 064.29	3451 289.82	3466 515.41	3481 741.08
2 52 30	3421 143.69	3436 368.81	3451 594.01	3466 819.27	3482 044.60
2 55 00	3421 452.99	3436 677.78	3451 902.64	3467 127.56	3482 352.56
2 57 30	3421 766.75	3436 991.19	3452 215.71	3467 440.30	3482 664.95
3 00 00	3422 084.95	3437 309.05	3452 533.23	3467 757.47	3482 981.77

Second-difference correction to y for indicated value of k (for all Δλ's)

k	0" 150"	5" 145"	10" 140"	15" 135"	20" 130"	25" 125"	30" 120"	35" 115"	40" 110"	45" 105"	50" 100"	55" 95"	60" 90"	65" 85"	70" 80"	75" 75"
Correction	-.01	-.08	-.15	-.21	-.27	-.32	-.37	-.41	-.45	-.48	-.51	-.53	-.55	-.56	-.57	-.57

Correction for h is negligible

ALASKA – ZONES 2 TO 9
STATE PLANE COORDINATES IN FEET – X'

Δλ \ φ	63 30 00	63 32 30	63 35 00	63 37 30	63 40 00
0 00 00	0.00	0.00	0.00	0.00	0.00
0 02 30	6 807.90	6 797.98	6 788.06	6 778.14	6 768.20
0 05 00	13 615.80	13 595.96	13 576.12	13 556.27	13 536.41
0 07 30	20 423.69	20 393.94	20 364.17	20 334.40	20 304.61
0 10 00	27 231.58	27 191.91	27 152.22	27 112.52	27 072.80
0 12 30	34 039.46	33 989.87	33 940.26	33 890.63	33 840.99
0 15 00	40 847.33	40 787.82	40 728.29	40 668.73	40 609.16
0 17 30	47 655.18	47 585.75	47 516.30	47 446.82	47 377.32
0 20 00	54 463.02	54 383.68	54 304.30	54 224.90	54 145.47
0 22 30	61 270.85	61 181.58	61 092.29	61 002.96	60 913.60
0 25 00	68 078.65	67 979.47	67 880.25	67 780.99	67 681.70
0 27 30	74 886.43	74 777.33	74 668.19	74 559.01	74 449.79
0 30 00	81 694.19	81 575.17	81 456.11	81 337.00	81 217.85
0 32 30	88 501.92	88 372.98	88 244.00	88 114.97	87 985.89
0 35 00	95 309.63	95 170.77	95 031.86	94 892.90	94 753.90
0 37 30	102 117.30	101 968.52	101 819.69	101 670.81	101 521.87
0 40 00	108 924.94	108 766.25	108 607.50	108 448.69	108 289.82
0 42 30	115 732.54	115 563.93	115 395.26	115 226.53	115 057.73
0 45 00	122 540.11	122 361.59	122 182.99	122 004.33	121 825.60
0 47 30	129 347.64	129 159.20	128 970.68	128 782.09	128 593.44
0 50 00	136 155.13	135 956.77	135 758.33	135 559.82	135 361.23
0 52 30	142 962.58	142 754.30	142 545.94	142 337.50	142 128.98
0 55 00	149 769.98	149 551.78	149 333.49	149 115.13	148 896.69
0 57 30	156 577.33	156 349.21	156 121.01	155 892.72	155 664.34
1 00 00	163 384.64	163 146.60	162 908.47	162 670.26	162 431.95
1 02 30	170 191.89	169 943.93	169 695.88	169 447.74	169 199.51
1 05 00	176 999.08	176 741.20	176 483.23	176 225.17	175 967.01
1 07 30	183 806.22	183 538.43	183 270.53	183 002.54	182 734.45
1 10 00	190 613.31	190 335.59	190 057.78	189 779.86	189 501.84
1 12 30	197 420.33	197 132.69	196 844.96	196 557.11	196 269.16
1 15 00	204 227.29	203 929.74	203 632.08	203 334.30	203 036.42
1 17 30	211 034.18	210 726.71	210 419.13	210 111.43	209 803.62
1 20 00	217 841.01	217 523.62	217 206.11	216 888.49	216 570.75
1 22 30	224 647.76	224 320.46	223 993.03	223 665.48	223 337.81
1 25 00	231 454.45	231 117.22	230 779.87	230 442.40	230 104.80
1 27 30	238 261.06	237 913.91	237 566.64	237 219.24	236 871.71
1 30 00	245 067.60	244 710.53	244 353.34	243 996.01	243 638.55
1 32 30	251 874.05	251 507.07	251 139.95	250 772.70	250 405.31
1 35 00	258 680.43	258 303.53	257 926.49	257 549.31	257 171.99
1 37 30	265 486.73	265 099.91	264 712.94	264 325.84	263 938.59
1 40 00	272 292.94	271 896.20	271 499.31	271 102.28	270 705.10
1 42 30	279 099.06	278 692.41	278 285.59	277 878.64	277 471.53
1 45 00	285 905.10	285 488.52	285 071.79	284 654.90	284 237.87
1 47 30	292 711.05	292 284.55	291 857.89	291 431.08	291 004.11
1 50 00	299 516.89	299 080.48	298 643.90	298 207.16	297 770.27
1 52 30	306 322.65	305 876.31	305 429.82	304 983.15	304 536.32
1 55 00	313 128.31	312 672.06	312 215.63	311 759.04	311 302.28
1 57 30	319 933.87	319 467.69	319 001.35	318 534.83	318 068.14
2 00 00	326 739.32	326 263.23	325 786.96	325 310.52	324 833.90
2 02 30	333 544.68	333 058.66	332 572.47	332 086.10	331 599.55
2 05 00	340 349.92	339 853.99	339 357.88	338 861.58	338 365.10
2 07 30	347 155.07	346 649.21	346 143.17	345 636.95	345 130.54
2 10 00	353 960.09	353 444.32	352 928.36	352 412.21	351 895.87
2 12 30	360 765.00	360 239.32	359 713.43	359 187.35	358 661.08
2 15 00	367 569.81	367 034.19	366 498.39	365 962.38	365 426.19
2 17 30	374 374.49	373 828.96	373 283.23	372 737.30	372 191.16
2 20 00	381 179.05	380 623.61	380 067.95	379 512.09	378 956.03
2 22 30	387 983.50	387 418.12	386 852.55	386 286.76	385 720.77
2 25 00	394 787.81	394 212.53	393 637.02	393 061.31	392 485.39
2 27 30	401 592.01	401 006.80	400 421.37	399 835.73	399 249.88
2 30 00	408 396.07	407 800.94	407 205.59	406 610.03	406 014.24
2 32 30	415 200.01	414 594.96	413 989.69	413 384.19	412 778.48
2 35 00	422 003.81	421 388.84	420 773.65	420 158.22	419 542.58
2 37 30	428 807.48	428 182.59	427 557.47	426 932.12	426 306.54
2 40 00	435 611.01	434 976.20	434 341.16	433 705.88	433 070.37
2 42 30	442 414.40	441 769.67	441 124.71	440 479.50	439 834.06
2 45 00	449 217.66	448 563.01	447 908.11	447 252.98	446 597.61
2 47 30	456 020.77	455 356.19	454 691.38	454 026.32	453 361.02
2 50 00	462 823.73	462 149.24	461 474.50	460 799.51	460 124.28
2 52 30	469 626.55	468 942.13	468 257.47	467 572.56	466 887.39
2 55 00	476 429.21	475 734.88	475 040.29	474 345.45	473 650.35
2 57 30	483 231.73	482 527.47	481 822.96	481 118.19	480 413.16
3 00 00	490 034.09	489 319.91	488 605.48	487 890.78	487 175.81

Second-difference correction to x' for indicated values of h and Δλ

Δλ \ h	0" 150"	15" 135"	30" 120"	45" 105"	60" 90"	75" 75"
0°	0	0	0	0	0	0
1°	0	+.01	+.01	+.01	+.02	+.02
2°	+.01	+.02	+.02	+.03	+.03	+.03
3°	+.01	+.03	+.04	+.04	+.04	+.05

Correction for k is negligible

ALASKA – ZONES 2 TO 9
STATE PLANE COORDINATES IN FEET – Y

Δλ \ φ	63 30 00	63 32 30	63 35 00	63 37 30	63 40 00
0 00 00	3471 496.93	3486 733.89	3501 970.94	3517 208.08	3532 445.30
0 02 30	3471 499.15	3486 736.10	3501 973.15	3517 210.28	3532 447.51
0 05 00	3471 505.79	3486 742.74	3501 979.78	3517 216.91	3532 454.13
0 07 30	3471 516.87	3486 753.80	3501 990.83	3517 227.95	3532 465.15
0 10 00	3471 532.38	3486 769.30	3502 006.31	3517 243.40	3532 480.59
0 12 30	3471 552.32	3486 789.21	3502 026.20	3517 263.28	3532 500.44
0 15 00	3471 576.69	3486 813.55	3502 050.52	3517 287.57	3532 524.71
0 17 30	3471 605.48	3486 842.32	3502 079.25	3517 316.27	3532 553.38
0 20 00	3471 638.71	3486 875.52	3502 112.41	3517 349.39	3532 586.46
0 22 30	3471 676.37	3486 913.13	3502 149.99	3517 386.93	3532 623.96
0 25 00	3471 718.47	3486 955.18	3502 191.99	3517 428.88	3532 665.86
0 27 30	3471 764.99	3487 001.65	3502 238.41	3517 475.25	3532 712.18
0 30 00	3471 815.94	3487 052.55	3502 289.25	3517 526.04	3532 762.91
0 32 30	3471 871.32	3487 107.87	3502 344.51	3517 581.24	3532 818.05
0 35 00	3471 931.14	3487 167.62	3502 404.19	3517 640.85	3532 877.60
0 37 30	3471 995.38	3487 231.79	3502 468.30	3517 704.89	3532 941.57
0 40 00	3472 064.06	3487 300.39	3502 536.82	3517 773.34	3533 009.94
0 42 30	3472 137.17	3487 373.42	3502 609.77	3517 846.20	3533 082.72
0 45 00	3472 214.71	3487 450.88	3502 687.14	3517 923.49	3533 159.92
0 47 30	3472 296.67	3487 532.76	3502 768.93	3518 005.18	3533 241.53
0 50 00	3472 383.07	3487 619.06	3502 855.14	3518 091.30	3533 327.55
0 52 30	3472 473.90	3487 709.79	3502 945.77	3518 181.83	3533 417.98
0 55 00	3472 569.16	3487 804.94	3503 040.82	3518 276.78	3533 512.82
0 57 30	3472 668.85	3487 904.53	3503 140.29	3518 376.14	3533 612.08
1 00 00	3472 772.98	3488 008.54	3503 244.18	3518 479.92	3533 715.74
1 02 30	3472 881.52	3488 116.97	3503 352.50	3518 588.11	3533 823.81
1 05 00	3472 994.51	3488 229.83	3503 465.24	3518 700.73	3533 936.30
1 07 30	3473 111.92	3488 347.11	3503 582.39	3518 817.76	3534 053.20
1 10 00	3473 233.77	3488 468.83	3503 703.97	3518 939.20	3534 174.51
1 12 30	3473 360.04	3488 594.96	3503 829.97	3519 065.06	3534 300.23
1 15 00	3473 490.75	3488 725.53	3503 960.39	3519 195.33	3534 430.37
1 17 30	3473 625.89	3488 860.52	3504 095.23	3519 330.03	3534 564.91
1 20 00	3473 765.46	3488 999.93	3504 234.49	3519 469.14	3534 703.87
1 22 30	3473 909.46	3489 143.78	3504 378.18	3519 612.67	3534 847.23
1 25 00	3474 057.89	3489 292.04	3504 526.28	3519 760.60	3534 995.01
1 27 30	3474 210.75	3489 444.74	3504 678.81	3519 912.96	3535 147.20
1 30 00	3474 368.04	3489 601.86	3504 835.76	3520 069.74	3535 303.80
1 32 30	3474 529.77	3489 763.40	3504 997.13	3520 230.93	3535 464.82
1 35 00	3474 695.92	3489 929.38	3505 162.92	3520 396.54	3535 630.24
1 37 30	3474 866.51	3490 099.77	3505 333.13	3520 566.56	3535 800.08
1 40 00	3475 041.52	3490 274.60	3505 507.76	3520 741.00	3535 974.33
1 42 30	3475 220.98	3490 453.85	3505 686.81	3520 919.86	3536 152.98
1 45 00	3475 404.85	3490 637.53	3505 870.29	3521 103.13	3536 336.05
1 47 30	3475 593.16	3490 825.63	3506 058.18	3521 290.82	3536 523.54
1 50 00	3475 785.90	3491 018.17	3506 250.50	3521 482.93	3536 715.43
1 52 30	3475 983.07	3491 215.12	3506 447.25	3521 679.45	3536 911.73
1 55 00	3476 184.68	3491 416.50	3506 648.41	3521 880.39	3537 112.45
1 57 30	3476 390.71	3491 622.31	3506 853.99	3522 085.74	3537 317.58
2 00 00	3476 601.18	3491 832.55	3507 063.99	3522 295.52	3537 527.12
2 02 30	3476 816.07	3492 047.21	3507 278.41	3522 509.71	3537 741.07
2 05 00	3477 035.40	3492 266.30	3507 497.26	3522 728.31	3537 959.44
2 07 30	3477 259.16	3492 489.81	3507 720.53	3522 951.33	3538 182.21
2 10 00	3477 487.35	3492 717.75	3507 948.22	3523 178.77	3538 409.40
2 12 30	3477 719.97	3492 950.12	3508 180.33	3523 410.63	3538 641.00
2 15 00	3477 957.03	3493 186.91	3508 416.87	3523 646.90	3538 877.01
2 17 30	3478 198.51	3493 428.13	3508 657.82	3523 887.59	3539 117.44
2 20 00	3478 444.43	3493 673.78	3508 903.20	3524 132.70	3539 362.27
2 22 30	3478 694.78	3493 923.85	3509 152.99	3524 382.22	3539 611.51
2 25 00	3478 949.55	3494 178.35	3509 407.22	3524 636.16	3539 865.17
2 27 30	3479 208.77	3494 437.28	3509 665.86	3524 894.51	3540 123.24
2 30 00	3479 472.41	3494 700.63	3509 928.92	3525 157.29	3540 385.73
2 32 30	3479 740.48	3494 968.41	3510 196.40	3525 424.47	3540 652.62
2 35 00	3480 012.99	3495 240.61	3510 468.31	3525 696.08	3540 923.93
2 37 30	3480 289.92	3495 517.25	3510 744.64	3525 972.11	3541 199.64
2 40 00	3480 571.29	3495 798.31	3511 025.39	3526 252.55	3541 479.78
2 42 30	3480 857.09	3496 083.79	3511 310.56	3526 537.41	3541 764.32
2 45 00	3481 147.32	3496 373.71	3511 600.16	3526 826.68	3542 053.27
2 47 30	3481 441.98	3496 668.05	3511 894.17	3527 120.37	3542 346.64
2 50 00	3481 741.08	3496 966.81	3512 192.61	3527 418.48	3542 644.42
2 52 30	3482 044.60	3497 270.01	3512 495.47	3527 721.01	3542 946.61
2 55 00	3482 352.56	3497 577.63	3512 802.75	3528 027.95	3543 253.21
2 57 30	3482 664.95	3497 889.67	3513 114.46	3528 339.31	3543 564.23
3 00 00	3482 981.77	3498 206.15	3513 430.58	3528 655.09	3543 879.66

Second-difference correction to y for indicated value of k (for all Δλ's)

k	0" 150"	5" 145"	10" 140"	15" 135"	20" 130"	25" 125"	30" 120"	35" 115"	40" 110"	45" 105"	50" 100"	55" 95"	60" 90"	65" 85"	70" 80"	75" 75"
Correction	-.01	-.08	-.14	-.20	-.26	-.31	-.36	-.40	-.44	-.47	-.50	-.52	-.53	-.54	-.55	-.55

Correction for h is negligible

ALASKA – ZONES 2 TO 9
STATE PLANE COORDINATES IN FEET – X'

Δλ \ φ	63 40 00	63 42 30	63 45 00	63 47 30	63 50 00
0 00 00	0.00	0.00	0.00	0.00	0.00
0 02 30	6 768.20	6 758.27	6 748.34	6 738.40	6 728.45
0 05 00	13 536.41	13 516.54	13 496.67	13 476.79	13 456.90
0 07 30	20 304.61	20 274.81	20 245.00	20 215.18	20 185.35
0 10 00	27 072.80	27 033.07	26 993.33	26 953.56	26 913.79
0 12 30	33 840.99	33 791.32	33 741.64	33 691.94	33 642.22
0 15 00	40 609.16	40 549.56	40 489.95	40 430.30	40 370.64
0 17 30	47 377.32	47 307.79	47 238.24	47 168.66	47 099.05
0 20 00	54 145.47	54 066.00	53 986.51	53 906.99	53 827.44
0 22 30	60 913.60	60 824.20	60 734.77	60 645.31	60 555.82
0 25 00	67 681.70	67 582.37	67 483.01	67 383.61	67 284.17
0 27 30	74 449.79	74 340.53	74 231.23	74 121.89	74 012.50
0 30 00	81 217.85	81 098.66	80 979.42	80 860.14	80 740.81
0 32 30	87 985.89	87 856.76	87 727.59	87 598.37	87 469.10
0 35 00	94 753.90	94 614.83	94 475.73	94 336.56	94 197.35
0 37 30	101 521.87	101 372.88	101 223.84	101 074.74	100 925.58
0 40 00	108 289.82	108 130.89	107 971.91	107 812.87	107 653.77
0 42 30	115 057.73	114 888.87	114 719.95	114 550.97	114 381.93
0 45 00	121 825.60	121 646.81	121 467.96	121 289.04	121 110.05
0 47 30	128 593.44	128 404.72	128 215.92	128 027.06	127 838.13
0 50 00	135 361.23	135 162.58	134 963.84	134 765.05	134 566.17
0 52 30	142 128.98	141 920.39	141 711.72	141 502.98	141 294.16
0 55 00	148 896.69	148 678.16	148 459.56	148 240.88	148 022.12
0 57 30	155 664.34	155 435.89	155 207.35	154 978.73	154 750.02
1 00 00	162 431.95	162 193.56	161 955.09	161 716.52	161 477.87
1 02 30	169 199.51	168 951.18	168 702.77	168 454.27	168 205.67
1 05 00	175 967.01	175 708.75	175 450.40	175 191.96	174 933.42
1 07 30	182 734.45	182 466.27	182 197.98	181 929.59	181 661.11
1 10 00	189 501.84	189 223.72	188 945.49	188 667.17	188 388.74
1 12 30	196 269.16	195 981.11	195 692.95	195 404.68	195 116.31
1 15 00	203 036.42	202 738.44	202 440.34	202 142.14	201 843.82
1 17 30	209 803.62	209 495.70	209 187.67	208 879.52	208 571.26
1 20 00	216 570.75	216 252.90	215 934.93	215 616.84	215 298.64
1 22 30	223 337.81	223 010.02	222 682.12	222 354.09	222 025.94
1 25 00	230 104.80	229 767.08	229 429.24	229 091.27	228 753.17
1 27 30	236 871.71	236 524.06	236 176.28	235 828.37	235 480.33
1 30 00	243 638.55	243 280.96	242 923.24	242 565.40	242 207.42
1 32 30	250 405.31	250 037.79	249 670.14	249 302.35	248 934.42
1 35 00	257 171.99	256 794.54	256 416.95	256 039.22	255 661.35
1 37 30	263 938.59	263 551.20	263 163.67	262 776.00	262 388.19
1 40 00	270 705.10	270 307.78	269 910.32	269 512.71	269 114.95
1 42 30	277 471.53	277 064.28	276 656.87	276 249.32	275 841.62
1 45 00	284 237.87	283 820.68	283 403.34	282 985.84	282 568.20
1 47 30	291 004.11	290 576.99	290 149.71	289 722.28	289 294.69
1 50 00	297 770.27	297 333.21	296 895.99	296 458.62	296 021.08
1 52 30	304 536.32	304 089.34	303 642.18	303 194.87	302 747.38
1 55 00	311 302.28	310 845.36	310 388.27	309 931.01	309 473.59
1 57 30	318 068.14	317 601.28	317 134.26	316 667.06	316 199.69
2 00 00	324 833.90	324 357.11	323 880.15	323 403.00	322 925.69
2 02 30	331 599.55	331 112.83	330 625.93	330 138.85	329 651.58
2 05 00	338 365.10	337 868.44	337 371.60	336 874.58	336 377.38
2 07 30	345 130.54	344 623.95	344 117.17	343 610.21	343 103.06
2 10 00	351 895.87	351 379.34	350 862.63	350 345.72	349 828.63
2 12 30	358 661.08	358 134.62	357 607.97	357 081.12	356 554.09
2 15 00	365 426.19	364 889.79	364 353.20	363 816.41	363 279.42
2 17 30	372 191.16	371 644.83	371 098.31	370 551.58	370 004.65
2 20 00	378 956.03	378 399.76	377 843.30	377 286.63	376 729.76
2 22 30	385 720.77	385 154.57	384 588.17	384 021.55	383 454.74
2 25 00	392 485.39	391 909.26	391 332.91	390 756.36	390 179.60
2 27 30	399 249.88	398 663.81	398 077.53	397 491.04	396 904.33
2 30 00	406 014.24	405 418.24	404 822.02	404 225.59	403 628.93
2 32 30	412 778.48	412 172.54	411 566.38	410 960.00	410 353.40
2 35 00	419 542.58	418 926.70	418 310.61	417 694.29	417 077.75
2 37 30	426 306.54	425 680.73	425 054.70	424 428.44	423 801.95
2 40 00	433 070.37	432 434.63	431 798.66	431 162.46	430 526.02
2 42 30	439 834.06	439 188.39	438 542.48	437 896.33	437 249.95
2 45 00	446 597.61	445 942.00	445 286.15	444 630.07	443 973.74
2 47 30	453 361.02	452 695.47	452 029.68	451 363.66	450 697.38
2 50 00	460 124.28	459 448.80	458 773.07	458 097.10	457 420.88
2 52 30	466 887.39	466 201.97	465 516.31	464 830.40	464 144.23
2 55 00	473 650.35	472 955.00	472 259.40	471 563.55	470 867.43
2 57 30	480 413.16	479 707.88	479 002.34	478 296.54	477 590.48
3 00 00	487 175.81	486 460.59	485 745.12	485 029.37	484 313.38

Second-difference correction to x' for indicated values of h and Δλ

Δλ \ h	0" 150"	15" 135"	30" 120"	45" 105"	60" 90"	75" 75"
0°	0	0	0	0	0	0
1°	0	+.01	+.01	+.01	+.02	+.02
2°	+.01	+.02	+.02	+.03	+.03	+.03
3°	+.01	+.03	+.04	+.04	+.04	+.05

Correction for k is negligible

ALASKA – ZONES 2 TO 9
STATE PLANE COORDINATES IN FEET – Y

Δλ \ φ	63 40 00	63 42 30	63 45 00	63 47 30	63 50 00
0 00 00	3532 445.30	3547 682.62	3562 920.03	3578 157.53	3593 395.11
0 02 30	3532 447.51	3547 684.83	3562 922.23	3578 159.72	3593 397.31
0 05 00	3532 454.13	3547 691.43	3562 928.83	3578 166.32	3593 403.90
0 07 30	3532 465.15	3547 702.45	3562 939.83	3578 177.31	3593 414.88
0 10 00	3532 480.59	3547 717.87	3562 955.24	3578 192.70	3593 430.25
0 12 30	3532 500.44	3547 737.70	3562 975.04	3578 212.48	3593 450.01
0 15 00	3532 524.71	3547 761.94	3562 999.25	3578 236.66	3593 474.16
0 17 30	3532 553.38	3547 790.58	3563 027.86	3578 265.24	3593 502.71
0 20 00	3532 586.46	3547 823.63	3563 060.87	3578 298.21	3593 535.64
0 22 30	3532 623.96	3547 861.08	3563 098.28	3578 335.59	3593 572.97
0 25 00	3532 665.86	3547 902.94	3563 140.10	3578 377.35	3593 614.69
0 27 30	3532 712.18	3547 949.21	3563 186.31	3578 423.52	3593 660.80
0 30 00	3532 762.91	3547 999.88	3563 236.93	3578 474.07	3593 711.31
0 32 30	3532 818.05	3548 054.96	3563 291.95	3578 529.03	3593 766.20
0 35 00	3532 877.60	3548 114.44	3563 351.37	3578 588.38	3593 825.49
0 37 30	3532 941.57	3548 178.33	3563 415.19	3578 652.13	3593 889.17
0 40 00	3533 009.94	3548 246.63	3563 483.41	3578 720.28	3593 957.24
0 42 30	3533 082.72	3548 319.34	3563 556.03	3578 792.82	3594 029.70
0 45 00	3533 159.92	3548 396.45	3563 633.06	3578 869.76	3594 106.55
0 47 30	3533 241.53	3548 477.97	3563 714.49	3578 951.10	3594 187.80
0 50 00	3533 327.55	3548 563.89	3563 800.32	3579 036.83	3594 273.44
0 52 30	3533 417.98	3548 654.22	3563 890.55	3579 126.96	3594 363.46
0 55 00	3533 512.82	3548 748.96	3563 985.17	3579 221.49	3594 457.88
0 57 30	3533 612.08	3548 848.10	3564 084.21	3579 320.41	3594 556.70
1 00 00	3533 715.74	3548 951.65	3564 187.64	3579 423.73	3594 659.90
1 02 30	3533 823.81	3549 059.61	3564 295.48	3579 531.44	3594 767.50
1 05 00	3533 936.30	3549 171.97	3564 407.72	3579 643.56	3594 879.48
1 07 30	3534 053.20	3549 288.74	3564 524.36	3579 760.07	3594 995.86
1 10 00	3534 174.51	3549 409.91	3564 645.40	3579 880.97	3595 116.63
1 12 30	3534 300.23	3549 535.50	3564 770.84	3580 006.27	3595 241.80
1 15 00	3534 430.37	3549 665.48	3564 900.68	3580 135.97	3595 371.35
1 17 30	3534 564.91	3549 799.88	3565 034.93	3580 270.07	3595 505.30
1 20 00	3534 703.87	3549 938.68	3565 173.57	3580 408.56	3595 643.63
1 22 30	3534 847.23	3550 081.89	3565 316.63	3580 551.45	3595 786.36
1 25 00	3534 995.01	3550 229.50	3565 464.08	3580 698.74	3595 933.48
1 27 30	3535 147.20	3550 381.52	3565 615.93	3580 850.42	3596 085.00
1 30 00	3535 303.80	3550 537.95	3565 772.18	3581 006.50	3596 240.90
1 32 30	3535 464.82	3550 698.79	3565 932.84	3581 166.98	3596 401.20
1 35 00	3535 630.24	3550 864.03	3566 097.89	3581 331.85	3596 565.88
1 37 30	3535 800.08	3551 033.68	3566 267.35	3581 501.12	3596 734.96
1 40 00	3535 974.33	3551 207.73	3566 441.21	3581 674.79	3596 908.44
1 42 30	3536 152.98	3551 386.19	3566 619.48	3581 852.85	3597 086.30
1 45 00	3536 336.05	3551 569.06	3566 802.14	3582 035.31	3597 268.56
1 47 30	3536 523.54	3551 756.33	3566 989.21	3582 222.17	3597 455.21
1 50 00	3536 715.43	3551 948.01	3567 180.68	3582 413.42	3597 646.25
1 52 30	3536 911.73	3552 144.10	3567 376.54	3582 609.07	3597 841.68
1 55 00	3537 112.45	3552 344.60	3567 576.81	3582 809.12	3598 041.50
1 57 30	3537 317.58	3552 549.50	3567 781.49	3583 013.57	3598 245.72
2 00 00	3537 527.12	3552 758.80	3567 990.56	3583 222.41	3598 454.33
2 02 30	3537 741.07	3552 972.52	3568 204.04	3583 435.64	3598 667.33
2 05 00	3537 959.44	3553 190.64	3568 421.92	3583 653.28	3598 884.72
2 07 30	3538 182.21	3553 413.17	3568 644.20	3583 875.32	3599 106.51
2 10 00	3538 409.40	3553 640.11	3568 870.88	3584 101.74	3599 332.68
2 12 30	3538 641.00	3553 871.45	3569 101.97	3584 332.57	3599 563.25
2 15 00	3538 877.01	3554 107.20	3569 337.45	3584 567.79	3599 798.21
2 17 30	3539 117.44	3554 347.35	3569 577.35	3584 807.42	3600 037.56
2 20 00	3539 362.27	3554 591.92	3569 821.64	3585 051.44	3600 281.31
2 22 30	3539 611.51	3554 840.89	3570 070.33	3585 299.85	3600 529.45
2 25 00	3539 865.17	3555 094.26	3570 323.42	3585 552.66	3600 781.97
2 27 30	3540 123.24	3555 352.05	3570 580.92	3585 809.87	3601 038.90
2 30 00	3540 385.73	3555 614.24	3570 842.82	3586 071.48	3601 300.21
2 32 30	3540 652.62	3555 880.84	3571 109.12	3586 337.49	3601 565.92
2 35 00	3540 923.93	3556 151.84	3571 379.83	3586 607.89	3601 836.02
2 37 30	3541 199.64	3556 427.26	3571 654.93	3586 882.68	3602 110.51
2 40 00	3541 479.78	3556 707.08	3571 934.44	3587 161.88	3602 389.39
2 42 30	3541 764.32	3556 991.30	3572 218.35	3587 445.47	3602 672.67
2 45 00	3542 053.27	3557 279.94	3572 506.66	3587 733.46	3602 960.34
2 47 30	3542 346.64	3557 572.98	3572 799.38	3588 025.86	3603 252.40
2 50 00	3542 644.42	3557 870.43	3573 096.50	3588 322.64	3603 548.85
2 52 30	3542 946.61	3558 172.28	3573 398.02	3588 623.82	3603 849.70
2 55 00	3543 253.21	3558 478.55	3573 703.94	3588 929.40	3604 154.93
2 57 30	3543 564.23	3558 789.21	3574 014.27	3589 239.38	3604 464.57
3 00 00	3543 879.66	3559 104.30	3574 328.99	3589 553.76	3604 778.59

Second-difference correction to y for indicated value of k (for all Δλ's)

k	0" 150"	5" 145"	10" 140"	15" 135"	20" 130"	25" 125"	30" 120"	35" 115"	40" 110"	45" 105"	50" 100"	55" 95"	60" 90"	65" 85"	70" 80"	75" 75"
Correction	-.01	-.08	-.14	-.20	-.26	-.31	-.36	-.40	-.44	-.47	-.50	-.52	-.53	-.54	-.55	-.55

Correction for h is negligible

ALASKA – ZONES 2 TO 9
STATE PLANE COORDINATES IN FEET – X'

Δλ \ φ	63 50 00	63 52 30	63 55 00	63 57 30	64 00 00
0 00 00	0.00	0.00	0.00	0.00	0.00
0 02 30	6 728.45	6 718.51	6 708.56	6 698.60	6 688.64
0 05 00	13 456.90	13 437.01	13 417.11	13 397.20	13 377.28
0 07 30	20 185.35	20 155.51	20 125.66	20 095.79	20 065.92
0 10 00	26 913.79	26 874.00	26 834.20	26 794.38	26 754.55
0 12 30	33 642.22	33 592.49	33 542.73	33 492.96	33 443.17
0 15 00	40 370.64	40 310.96	40 251.25	40 191.53	40 131.78
0 17 30	47 099.05	47 029.42	46 959.76	46 890.08	46 820.37
0 20 00	53 827.44	53 747.86	53 668.26	53 588.62	53 508.95
0 22 30	60 555.82	60 466.29	60 376.73	60 287.14	60 197.52
0 25 00	67 284.17	67 184.70	67 085.19	66 985.64	66 886.06
0 27 30	74 012.50	73 903.08	73 793.63	73 684.12	73 574.59
0 30 00	80 740.81	80 621.45	80 502.04	80 382.58	80 263.08
0 32 30	87 469.10	87 339.78	87 210.42	87 081.01	86 951.56
0 35 00	94 197.35	94 058.09	93 918.78	93 779.42	93 640.00
0 37 30	100 925.58	100 776.37	100 627.11	100 477.79	100 328.41
0 40 00	107 653.77	107 494.61	107 335.40	107 176.12	107 016.80
0 42 30	114 381.93	114 212.82	114 043.66	113 874.43	113 705.14
0 45 00	121 110.05	120 931.00	120 751.88	120 572.70	120 393.45
0 47 30	127 838.13	127 649.13	127 460.06	127 270.93	127 081.72
0 50 00	134 566.17	134 367.22	134 168.21	133 969.12	133 769.95
0 52 30	141 294.16	141 085.27	140 876.30	140 667.25	140 458.13
0 55 00	148 022.12	147 803.27	147 584.35	147 365.35	147 146.27
0 57 30	154 750.02	154 521.23	154 292.36	154 063.40	153 834.36
1 00 00	161 477.87	161 239.14	161 000.31	160 761.40	160 522.41
1 02 30	168 205.67	167 956.99	167 708.21	167 459.35	167 210.40
1 05 00	174 933.42	174 674.79	174 416.07	174 157.24	173 898.33
1 07 30	181 661.11	181 392.53	181 123.86	180 855.08	180 586.21
1 10 00	188 388.74	188 110.21	187 831.59	187 552.86	187 274.03
1 12 30	195 116.31	194 827.84	194 539.26	194 250.58	193 961.79
1 15 00	201 843.82	201 545.40	201 246.87	200 948.23	200 649.48
1 17 30	208 571.26	208 262.89	207 954.41	207 645.82	207 337.11
1 20 00	215 298.64	214 980.32	214 661.89	214 343.34	214 024.67
1 22 30	222 025.94	221 697.68	221 369.29	221 040.79	220 712.17
1 25 00	228 753.17	228 414.96	228 076.63	227 738.17	227 399.59
1 27 30	235 480.33	235 132.17	234 783.89	234 435.47	234 086.94
1 30 00	242 207.42	241 849.31	241 491.07	241 132.70	240 774.21
1 32 30	248 934.42	248 566.36	248 198.18	247 829.86	247 461.40
1 35 00	255 661.35	255 283.34	254 905.21	254 526.92	254 148.51
1 37 30	262 388.19	262 000.24	261 612.14	261 223.91	260 835.54
1 40 00	269 114.95	268 717.05	268 319.00	267 920.81	267 522.48
1 42 30	275 841.62	275 433.77	275 025.78	274 617.63	274 209.34
1 45 00	282 568.20	282 150.40	281 732.45	281 314.36	280 896.11
1 47 30	289 294.69	288 866.95	288 439.05	288 010.99	287 582.78
1 50 00	296 021.08	295 583.39	295 145.54	294 707.53	294 269.36
1 52 30	302 747.38	302 299.74	301 851.95	301 403.98	300 955.85
1 55 00	309 473.59	309 016.00	308 558.24	308 100.33	307 642.24
1 57 30	316 199.69	315 732.15	315 264.45	314 796.57	314 328.53
2 00 00	322 925.69	322 448.21	321 970.55	321 492.72	321 014.72
2 02 30	329 651.58	329 164.15	328 676.55	328 188.76	327 700.79
2 05 00	336 377.38	335 879.99	335 382.43	334 884.69	334 386.77
2 07 30	343 103.06	342 595.73	342 088.22	341 580.52	341 072.64
2 10 00	349 828.63	349 311.35	348 793.89	348 276.23	347 758.39
2 12 30	356 554.09	356 026.85	355 499.44	354 971.83	354 444.03
2 15 00	363 279.42	362 742.25	362 204.88	361 667.32	361 129.56
2 17 30	370 004.65	369 457.53	368 910.20	368 362.68	367 814.96
2 20 00	376 729.76	376 172.68	375 615.41	375 057.93	374 500.25
2 22 30	383 454.74	382 887.71	382 320.49	381 753.06	381 185.42
2 25 00	390 179.60	389 602.63	389 025.45	388 448.06	387 870.46
2 27 30	396 904.33	396 317.41	395 730.28	395 142.93	394 555.38
2 30 00	403 628.93	403 032.06	402 434.99	401 837.68	401 240.17
2 32 30	410 353.40	409 746.59	409 139.55	408 532.30	407 924.82
2 35 00	417 077.75	416 460.98	415 843.99	415 226.78	414 609.34
2 37 30	423 801.95	423 175.24	422 548.30	421 921.13	421 293.73
2 40 00	430 526.02	429 889.35	429 252.46	428 615.34	427 977.99
2 42 30	437 249.95	436 603.34	435 956.49	435 309.41	434 662.10
2 45 00	443 973.74	443 317.17	442 660.38	442 003.34	441 346.07
2 47 30	450 697.38	450 030.87	449 364.12	448 697.12	448 029.89
2 50 00	457 420.88	456 744.42	456 067.72	455 390.77	454 713.57
2 52 30	464 144.23	463 457.82	462 771.16	462 084.26	461 397.11
2 55 00	470 867.43	470 171.07	469 474.46	468 777.60	468 080.49
2 57 30	477 590.48	476 884.17	476 177.61	475 470.79	474 763.72
3 00 00	484 313.38	483 597.11	482 880.60	482 163.82	481 446.79

Second-difference correction to x' for indicated values of h and Δλ

Δλ \ h	0" 150"	15" 135"	30" 120"	45" 105"	60" 90"	75" 75"
0°	0	0	0	0	0	0
1°	0	+.01	+.01	+.01	+.02	+.02
2°	+.01	+.02	+.02	+.03	+.03	+.03
3°	+.01	+.03	+.04	+.04	+.04	+.05

Correction for k is negligible

ALASKA – ZONES 2 TO 9
STATE PLANE COORDINATES IN FEET – Y

Δλ \ φ	63 50 00	63 52 30	63 50 00	63 57 30	64 00 00
0 00 00	3593 395.11	3608 632.79	3623 870.55	3639 108.41	3654 346.35
0 02 30	3593 397.31	3608 634.98	3623 872.75	3639 110.60	3654 348.54
0 05 00	3593 403.90	3608 641.56	3623 879.32	3639 117.16	3654 355.10
0 07 30	3593 414.88	3608 652.53	3623 890.27	3639 128.11	3654 366.02
0 10 00	3593 430.25	3608 667.88	3623 905.61	3639 143.42	3654 381.33
0 12 30	3593 450.01	3608 687.62	3623 925.32	3639 163.12	3654 401.00
0 15 00	3593 474.16	3608 711.75	3623 949.42	3639 187.19	3654 425.05
0 17 30	3593 502.71	3608 740.26	3623 977.91	3639 215.64	3654 453.46
0 20 00	3593 535.64	3608 773.16	3624 010.77	3639 248.47	3654 486.25
0 22 30	3593 572.97	3608 810.45	3624 048.01	3639 285.67	3654 523.41
0 25 00	3593 614.69	3608 852.12	3624 089.64	3639 327.25	3654 564.94
0 27 30	3593 660.80	3608 898.18	3624 135.65	3639 373.21	3654 610.85
0 30 00	3593 711.31	3608 948.63	3624 186.04	3639 423.54	3654 661.13
0 32 30	3593 766.20	3609 003.46	3624 240.81	3639 478.25	3654 715.77
0 35 00	3593 825.49	3609 062.68	3624 299.97	3639 537.34	3654 774.79
0 37 30	3593 889.17	3609 126.29	3624 363.50	3639 600.80	3654 838.19
0 40 00	3593 957.24	3609 194.28	3624 431.42	3639 668.64	3654 905.95
0 42 30	3594 029.70	3609 266.66	3624 503.72	3639 740.86	3654 978.08
0 45 00	3594 106.55	3609 343.43	3624 580.39	3639 817.45	3655 054.59
0 47 30	3594 187.80	3609 424.59	3624 661.46	3639 898.43	3655 135.47
0 50 00	3594 273.44	3609 510.13	3624 746.90	3639 983.77	3655 220.72
0 52 30	3594 363.46	3609 600.05	3624 836.73	3640 073.50	3655 310.35
0 55 00	3594 457.88	3609 694.37	3624 930.94	3640 167.60	3655 404.34
0 57 30	3594 556.70	3609 793.07	3625 029.53	3640 266.08	3655 502.71
1 00 00	3594 659.90	3609 896.16	3625 132.50	3640 368.93	3655 605.45
1 02 30	3594 767.50	3610 003.63	3625 239.86	3640 476.17	3655 712.56
1 05 00	3594 879.48	3610 115.49	3625 351.59	3640 587.77	3655 824.04
1 07 30	3594 995.86	3610 231.74	3625 467.71	3640 703.76	3655 939.90
1 10 00	3595 116.63	3610 352.38	3625 588.20	3640 824.13	3656 060.13
1 12 30	3595 241.80	3610 477.39	3625 713.09	3640 948.86	3656 184.72
1 15 00	3595 371.35	3610 606.81	3625 842.35	3641 077.98	3656 313.69
1 17 30	3595 505.30	3610 740.60	3625 975.99	3641 211.47	3656 447.03
1 20 00	3595 643.63	3610 878.79	3626 114.02	3641 349.34	3656 584.75
1 22 30	3595 786.36	3611 021.35	3626 256.43	3641 491.59	3656 726.84
1 25 00	3595 933.48	3611 168.31	3626 403.22	3641 638.22	3656 873.30
1 27 30	3596 085.00	3611 319.65	3626 554.39	3641 789.22	3657 024.13
1 30 00	3596 240.90	3611 475.38	3626 709.95	3641 944.60	3657 179.33
1 32 30	3596 401.20	3611 635.50	3626 869.88	3642 104.36	3657 338.91
1 35 00	3596 565.88	3611 800.00	3627 034.20	3642 268.49	3657 502.86
1 37 30	3596 734.96	3611 968.89	3627 202.90	3642 437.00	3657 671.17
1 40 00	3596 908.44	3612 142.17	3627 375.99	3642 609.89	3657 843.87
1 42 30	3597 086.30	3612 319.84	3627 553.45	3642 787.15	3658 020.93
1 45 00	3597 268.56	3612 501.89	3627 735.30	3642 968.79	3658 202.36
1 47 30	3597 455.21	3612 688.33	3627 921.53	3643 154.81	3658 388.17
1 50 00	3597 646.25	3612 879.15	3628 112.14	3643 345.20	3658 578.35
1 52 30	3597 841.68	3613 074.36	3628 307.13	3643 539.98	3658 772.90
1 55 00	3598 041.50	3613 273.96	3628 506.51	3643 739.13	3658 971.83
1 57 30	3598 245.72	3613 477.95	3628 710.26	3643 942.66	3659 175.12
2 00 00	3598 454.33	3613 686.33	3628 918.40	3644 150.56	3659 382.79
2 02 30	3598 667.33	3613 899.08	3629 130.92	3644 362.84	3659 594.83
2 05 00	3598 884.72	3614 116.23	3629 347.83	3644 579.50	3659 811.24
2 07 30	3599 106.51	3614 337.77	3629 569.11	3644 800.54	3660 032.03
2 10 00	3599 332.68	3614 563.69	3629 794.78	3645 025.95	3660 257.19
2 12 30	3599 563.25	3614 794.00	3630 024.83	3645 255.74	3660 486.72
2 15 00	3599 798.21	3615 028.70	3630 259.26	3645 489.91	3660 720.62
2 17 30	3600 037.56	3615 267.78	3630 498.08	3645 728.45	3660 958.90
2 20 00	3600 281.31	3615 511.26	3630 741.28	3645 971.38	3661 201.55
2 22 30	3600 529.45	3615 759.11	3630 988.86	3646 218.68	3661 448.56
2 25 00	3600 781.97	3616 011.36	3631 240.82	3646 470.35	3661 699.96
2 27 30	3601 038.90	3616 267.99	3631 497.16	3646 726.41	3661 955.72
2 30 00	3601 300.21	3616 529.01	3631 757.89	3646 986.84	3662 215.86
2 32 30	3601 565.92	3616 794.42	3632 023.00	3647 251.65	3662 480.37
2 35 00	3601 836.02	3617 064.22	3632 292.49	3647 520.84	3662 749.25
2 37 30	3602 110.51	3617 338.40	3632 566.36	3647 794.40	3663 022.51
2 40 00	3602 389.39	3617 616.97	3632 844.62	3648 072.34	3663 300.13
2 42 30	3602 672.67	3617 899.93	3633 127.26	3648 354.66	3663 582.13
2 45 00	3602 960.34	3618 187.27	3633 414.28	3648 641.36	3663 868.50
2 47 30	3603 252.40	3618 479.01	3633 705.68	3648 932.44	3664 159.25
2 50 00	3603 548.85	3618 775.12	3634 001.47	3649 227.89	3664 454.36
2 52 30	3603 849.70	3619 075.63	3634 301.64	3649 527.72	3664 753.85
2 55 00	3604 154.93	3619 380.53	3634 606.19	3649 831.93	3665 057.72
2 57 30	3604 464.57	3619 689.81	3634 915.13	3650 140.51	3665 365.96
3 00 00	3604 778.59	3620 003.48	3635 228.44	3650 453.47	3665 678.56

Second-difference correction to y for indicated value of k (for all Δλ's)

k	0" 150"	5" 145"	10" 140"	15" 135"	20" 130"	25" 125"	30" 120"	35" 115"	40" 110"	45" 105"	50" 100"	55" 95"	60" 90"	65" 85"	70" 80"	75" 75"
Correction	-.01	-.08	-.14	-.20	-.26	-.31	-.36	-.40	-.44	-.47	-.50	-.52	-.53	-.54	-.55	-.55

Correction for h is negligible

ALASKA – ZONES 2 TO 9
STATE PLANE COORDINATES IN FEET – X'

Δλ \ φ	64 00 00	64 02 30	64 05 00	64 07 30	64 10 00
0 00 00	0.00	0.00	0.00	0.00	0.00
0 02 30	6 688.64	6 678.68	6 668.72	6 658.75	6 648.78
0 05 00	13 377.28	13 357.36	13 337.43	13 317.49	13 297.55
0 07 30	20 065.92	20 036.03	20 006.14	19 976.23	19 946.32
0 10 00	26 754.55	26 714.70	26 674.84	26 634.96	26 595.07
0 12 30	33 443.17	33 393.36	33 343.53	33 293.69	33 243.83
0 15 00	40 131.78	40 072.01	40 012.22	39 952.40	39 892.57
0 17 30	46 820.37	46 750.64	46 680.88	46 611.10	46 541.30
0 20 00	53 508.95	53 429.26	53 349.54	53 269.79	53 190.01
0 22 30	60 197.52	60 107.86	60 018.17	59 928.46	59 838.71
0 25 00	66 886.06	66 786.44	66 686.79	66 587.10	66 487.38
0 27 30	73 574.59	73 465.01	73 355.39	73 245.73	73 136.04
0 30 00	80 263.08	80 143.54	80 023.96	79 904.33	79 784.67
0 32 30	86 951.56	86 822.05	86 692.51	86 562.91	86 433.27
0 35 00	93 640.00	93 500.53	93 361.02	93 221.46	93 081.84
0 37 30	100 328.41	100 178.99	100 029.51	99 879.98	99 730.39
0 40 00	107 016.80	106 857.41	106 697.97	106 538.46	106 378.90
0 42 30	113 705.14	113 535.79	113 366.38	113 196.91	113 027.38
0 45 00	120 393.45	120 214.14	120 034.77	119 855.32	119 675.82
0 47 30	127 081.72	126 892.45	126 703.11	126 513.70	126 324.22
0 50 00	133 769.95	133 570.71	133 371.41	133 172.03	132 972.58
0 52 30	140 458.13	140 248.94	140 039.67	139 830.32	139 620.90
0 55 00	147 146.27	146 927.11	146 707.88	146 488.56	146 269.17
0 57 30	153 834.36	153 605.24	153 376.04	153 146.76	152 917.39
1 00 00	160 522.41	160 283.32	160 044.16	159 804.91	159 565.56
1 02 30	167 210.40	166 961.35	166 712.22	166 463.00	166 213.69
1 05 00	173 898.33	173 639.33	173 380.23	173 121.03	172 861.75
1 07 30	180 586.21	180 317.24	180 048.18	179 779.02	179 509.76
1 10 00	187 274.03	186 995.10	186 716.07	186 436.94	186 157.71
1 12 30	193 961.79	193 672.90	193 383.90	193 094.80	192 805.60
1 15 00	200 649.48	200 350.63	200 051.67	199 752.60	199 453.42
1 17 30	207 337.11	207 028.30	206 719.37	206 410.33	206 101.19
1 20 00	214 024.67	213 705.90	213 387.01	213 068.00	212 748.88
1 22 30	220 712.17	220 383.43	220 054.57	219 725.59	219 396.50
1 25 00	227 399.59	227 060.89	226 722.06	226 383.12	226 044.05
1 27 30	234 086.94	233 738.27	233 389.48	233 040.57	232 691.53
1 30 00	240 774.21	240 415.58	240 056.82	239 697.94	239 338.92
1 32 30	247 461.40	247 092.81	246 724.09	246 355.23	245 986.25
1 35 00	254 148.51	253 769.96	253 391.27	253 012.45	252 633.49
1 37 30	260 835.54	260 447.03	260 058.37	259 669.58	259 280.65
1 40 00	267 522.48	267 124.01	266 725.39	266 326.63	265 927.72
1 42 30	274 209.34	273 800.90	273 392.32	272 983.58	272 574.71
1 45 00	280 896.11	280 477.71	280 059.16	279 640.45	279 221.60
1 47 30	287 582.78	287 154.42	286 725.90	286 297.24	285 868.41
1 50 00	294 269.36	293 831.04	293 392.56	292 953.92	292 515.12
1 52 30	300 955.85	300 507.56	300 059.11	299 610.51	299 161.73
1 55 00	307 642.24	307 183.99	306 725.57	306 267.00	305 808.25
1 57 30	314 328.53	313 860.31	313 391.94	312 923.39	312 454.67
2 00 00	321 014.72	320 536.54	320 058.19	319 579.68	319 100.99
2 02 30	327 700.79	327 212.66	326 724.34	326 235.85	325 747.19
2 05 00	334 386.77	333 888.67	333 390.39	332 891.93	332 393.30
2 07 30	341 072.64	340 564.57	340 056.33	339 547.90	339 039.29
2 10 00	347 758.39	347 240.36	346 722.15	346 203.75	345 685.17
2 12 30	354 444.03	353 916.04	353 387.86	352 859.50	352 330.94
2 15 00	361 129.56	360 591.60	360 053.46	359 515.13	358 976.60
2 17 30	367 814.96	367 267.05	366 718.94	366 170.63	365 622.13
2 20 00	374 500.25	373 942.38	373 384.30	372 826.02	372 267.55
2 22 30	381 185.42	380 617.58	380 049.54	379 481.29	378 912.84
2 25 00	387 870.46	387 292.66	386 714.65	386 136.43	385 558.01
2 27 30	394 555.38	393 967.61	393 379.63	392 791.45	392 203.05
2 30 00	401 240.17	400 642.44	400 044.50	399 446.33	398 847.96
2 32 30	407 924.82	407 317.13	406 709.22	406 101.09	405 492.75
2 35 00	414 609.34	413 991.69	413 373.82	412 755.72	412 137.40
2 37 30	421 293.73	420 666.11	420 038.27	419 410.20	418 781.91
2 40 00	427 977.99	427 340.40	426 702.59	426 064.55	425 426.28
2 42 30	434 662.10	434 014.55	433 366.77	432 718.76	432 070.52
2 45 00	441 346.07	440 688.56	440 030.81	439 372.83	438 714.62
2 47 30	448 029.89	447 362.42	446 694.71	446 026.76	445 358.57
2 50 00	454 713.57	454 036.14	453 358.46	452 680.54	452 002.38
2 52 30	461 397.11	460 709.70	460 022.06	459 334.17	458 646.03
2 55 00	468 080.49	467 383.12	466 685.51	465 987.65	465 289.54
2 57 30	474 763.72	474 056.39	473 348.81	472 640.97	471 932.89
3 00 00	481 446.79	480 729.50	480 011.95	479 294.15	478 576.09

Second-difference correction to x' for indicated values of h and Δλ

Δλ \ h	0° 150°	15° 135°	30° 120°	45° 105°	60° 90°	75° 75°
0°	0	0	0	0	0	0
1°	0	+.01	+.01	+.01	+.02	+.02
2°	+.01	+.02	+.02	+.03	+.03	+.03
3°	+.01	+.03	+.04	+.04	+.04	+.05

Correction for k is negligible

ALASKA – ZONES 2 TO 9
STATE PLANE COORDINATES IN FEET – Y

Δλ \ φ	64 00 00	64 02 30	64 05 00	64 07 30	64 10 00
0 00 00	3654 346.35	3669 584.39	3684 822.51	3700 060.72	3715 299.02
0 02 30	3654 348.54	3669 586.57	3684 824.69	3700 062.90	3715 301.20
0 05 00	3654 355.10	3669 593.12	3684 831.23	3700 069.44	3715 307.73
0 07 30	3654 366.02	3669 604.04	3684 842.14	3700 080.33	3715 318.61
0 10 00	3654 381.33	3669 619.32	3684 857.40	3700 095.58	3715 333.84
0 12 30	3654 401.00	3669 638.98	3684 877.03	3700 115.18	3715 353.42
0 15 00	3654 425.05	3669 662.99	3684 901.02	3700 139.15	3715 377.36
0 17 30	3654 453.46	3669 691.38	3684 929.38	3700 167.47	3715 405.65
0 20 00	3654 486.25	3669 724.13	3684 962.09	3700 200.15	3715 438.28
0 22 30	3654 523.41	3669 761.25	3684 999.17	3700 237.18	3715 475.28
0 25 00	3654 564.94	3669 802.73	3685 040.61	3700 278.57	3715 516.62
0 27 30	3654 610.85	3669 848.59	3685 086.40	3700 324.32	3715 562.31
0 30 00	3654 661.13	3669 898.80	3685 136.57	3700 374.42	3715 612.36
0 32 30	3654 715.77	3669 953.39	3685 191.09	3700 428.88	3715 666.76
0 35 00	3654 774.79	3670 012.34	3685 249.97	3700 487.70	3715 725.51
0 37 30	3654 838.19	3670 075.66	3685 313.22	3700 550.88	3715 788.61
0 40 00	3654 905.95	3670 143.35	3685 380.83	3700 618.41	3715 856.07
0 42 30	3654 978.08	3670 215.40	3685 452.80	3700 690.30	3715 927.88
0 45 00	3655 054.59	3670 291.82	3685 529.14	3700 766.54	3716 004.03
0 47 30	3655 135.47	3670 372.61	3685 609.84	3700 847.15	3716 084.55
0 50 00	3655 220.72	3670 457.77	3685 694.89	3700 932.11	3716 169.41
0 52 30	3655 310.35	3670 547.29	3685 784.31	3701 021.43	3716 258.63
0 55 00	3655 404.34	3670 641.18	3685 878.09	3701 115.10	3716 352.19
0 57 30	3655 502.71	3670 739.43	3685 976.24	3701 213.13	3716 450.11
1 00 00	3655 605.45	3670 842.05	3686 078.74	3701 315.52	3716 552.38
1 02 30	3655 712.56	3670 949.05	3686 185.61	3701 422.27	3716 659.01
1 05 00	3655 824.04	3671 060.40	3686 296.84	3701 533.37	3716 769.98
1 07 30	3655 939.90	3671 176.12	3686 412.43	3701 648.83	3716 885.31
1 10 00	3656 060.13	3671 296.21	3686 532.38	3701 768.65	3717 004.99
1 12 30	3656 184.72	3671 420.67	3686 656.70	3701 892.82	3717 129.02
1 15 00	3656 313.69	3671 549.50	3686 785.38	3702 021.35	3717 257.40
1 17 30	3656 447.03	3671 682.69	3686 918.42	3702 154.24	3717 390.14
1 20 00	3656 584.75	3671 820.25	3687 055.82	3702 291.48	3717 527.22
1 22 30	3656 726.84	3671 962.17	3687 197.58	3702 433.08	3717 668.66
1 25 00	3656 873.30	3672 108.46	3687 343.71	3702 579.04	3717 814.46
1 27 30	3657 024.13	3672 259.12	3687 494.20	3702 729.36	3717 964.60
1 30 00	3657 179.33	3672 414.15	3687 649.04	3702 884.03	3718 119.10
1 32 30	3657 338.91	3672 573.54	3687 808.26	3703 043.06	3718 277.94
1 35 00	3657 502.86	3672 737.30	3687 971.83	3703 206.45	3718 441.15
1 37 30	3657 671.17	3672 905.43	3688 139.77	3703 374.19	3718 608.70
1 40 00	3657 843.87	3673 077.93	3688 312.07	3703 546.29	3718 780.60
1 42 30	3658 020.93	3673 254.79	3688 488.73	3703 722.75	3718 956.86
1 45 00	3658 202.36	3673 436.02	3688 669.75	3703 903.57	3719 137.47
1 47 30	3658 388.17	3673 621.62	3688 855.14	3704 088.74	3719 322.43
1 50 00	3658 578.35	3673 811.58	3689 044.88	3704 278.27	3719 511.74
1 52 30	3658 772.90	3674 005.91	3689 238.99	3704 472.16	3719 705.40
1 55 00	3658 971.83	3674 204.61	3689 437.46	3704 670.41	3719 903.43
1 57 30	3659 175.12	3674 407.68	3689 640.30	3704 873.01	3720 105.79
2 00 00	3659 382.79	3674 615.11	3689 847.50	3705 079.97	3720 312.52
2 02 30	3659 594.83	3674 826.91	3690 059.05	3705 291.29	3720 523.59
2 05 00	3659 811.24	3675 043.08	3690 274.97	3705 506.96	3720 739.02
2 07 30	3660 032.03	3675 263.61	3690 495.26	3705 726.99	3720 958.80
2 10 00	3660 257.19	3675 488.51	3690 719.90	3705 951.38	3721 182.93
2 12 30	3660 486.72	3675 717.78	3690 948.91	3706 180.13	3721 411.42
2 15 00	3660 720.62	3675 951.42	3691 182.28	3706 413.23	3721 644.25
2 17 30	3660 958.90	3676 189.43	3691 420.02	3706 650.69	3721 881.44
2 20 00	3661 201.55	3676 431.80	3691 662.11	3706 892.51	3722 122.98
2 22 30	3661 448.56	3676 678.54	3691 908.57	3707 138.69	3722 368.87
2 25 00	3661 699.96	3676 929.64	3692 159.39	3707 389.22	3722 619.12
2 27 30	3661 955.72	3677 185.12	3692 414.57	3707 644.11	3722 873.72
2 30 00	3662 215.86	3677 444.96	3692 674.12	3707 903.36	3723 132.67
2 32 30	3662 480.37	3677 709.17	3692 938.02	3708 166.97	3723 395.97
2 35 00	3662 749.25	3677 977.74	3693 206.29	3708 434.93	3723 663.63
2 37 30	3663 022.51	3678 250.68	3693 478.93	3708 707.25	3723 935.64
2 40 00	3663 300.13	3678 528.00	3693 755.93	3708 983.93	3724 212.00
2 42 30	3663 582.13	3678 809.68	3694 037.28	3709 264.97	3724 492.71
2 45 00	3663 868.50	3679 095.73	3694 323.00	3709 550.36	3724 777.78
2 47 30	3664 159.25	3679 386.14	3694 613.09	3709 840.11	3725 067.20
2 50 00	3664 454.36	3679 680.92	3694 907.53	3710 134.22	3725 360.97
2 52 30	3664 753.85	3679 980.07	3695 206.34	3710 432.69	3725 659.10
2 55 00	3665 057.72	3680 283.59	3695 509.51	3710 735.51	3725 961.57
2 57 30	3665 365.96	3680 591.47	3695 817.05	3711 042.69	3726 268.40
3 00 00	3665 678.56	3680 903.73	3696 128.94	3711 354.23	3726 579.59

Second-difference correction to y for indicated value of k (for all Δλ's)

k	0" 150"	5" 145"	10" 140"	15" 135"	20" 130"	25" 125"	30" 120"	35" 115"	40" 110"	45" 105"	50" 100"	55" 95"	60" 90"	65" 85"	70" 80"	75" 75"
Correction	-.01	-.08	-.14	-.20	-.26	-.31	-.36	-.40	-.44	-.47	-.50	-.52	-.53	-.54	-.55	-.55

Correction for h is negligible

ALASKA – ZONES 2 TO 9
STATE PLANE COORDINATES IN FEET – X'

Δλ \ φ	64 10 00	64 12 30	64 15 00	64 17 30	64 20 00
0 00 00	0.00	0.00	0.00	0.00	0.00
0 02 30	6 648.78	6 638.80	6 628.82	6 618.84	6 608.85
0 05 00	13 297.55	13 277.59	13 257.63	13 237.67	13 217.70
0 07 30	19 946.32	19 916.38	19 886.45	19 856.50	19 826.54
0 10 00	26 595.07	26 555.17	26 515.25	26 475.32	26 435.37
0 12 30	33 243.83	33 193.95	33 144.05	33 094.13	33 044.20
0 15 00	39 892.57	39 832.71	39 772.83	39 712.94	39 653.02
0 17 30	46 541.30	46 471.47	46 401.61	46 331.72	46 261.82
0 20 00	53 190.01	53 110.20	53 030.36	52 950.50	52 870.61
0 22 30	59 838.71	59 748.92	59 659.10	59 569.26	59 479.38
0 25 00	66 487.38	66 387.62	66 287.83	66 187.99	66 088.13
0 27 30	73 136.04	73 026.30	72 916.53	72 806.71	72 696.86
0 30 00	79 784.67	79 664.96	79 545.20	79 425.40	79 305.56
0 32 30	86 433.27	86 303.58	86 173.85	86 044.07	85 914.24
0 35 00	93 081.84	92 942.18	92 802.47	92 662.71	92 522.89
0 37 30	99 730.39	99 580.75	99 431.06	99 281.31	99 131.51
0 40 00	106 378.90	106 219.29	106 059.61	105 899.88	105 740.10
0 42 30	113 027.38	112 857.79	112 688.14	112 518.42	112 348.65
0 45 00	119 675.82	119 496.25	119 316.62	119 136.92	118 957.16
0 47 30	126 324.22	126 134.68	125 945.07	125 755.39	125 565.64
0 50 00	132 972.58	132 773.06	132 573.47	132 373.81	132 174.07
0 52 30	139 620.90	139 411.40	139 201.83	138 992.18	138 782.46
0 55 00	146 269.17	146 049.69	145 830.14	145 610.52	145 390.81
0 57 30	152 917.39	152 687.94	152 458.41	152 228.80	151 999.11
1 00 00	159 565.56	159 326.14	159 086.63	158 847.03	158 607.35
1 02 30	166 213.69	165 964.28	165 714.79	165 465.21	165 215.55
1 05 00	172 861.75	172 602.37	172 342.90	172 083.34	171 823.69
1 07 30	179 509.76	179 240.41	178 970.95	178 701.41	178 431.77
1 10 00	186 157.71	185 878.38	185 598.95	185 319.42	185 039.79
1 12 30	192 805.60	192 516.29	192 226.88	191 937.37	191 647.76
1 15 00	199 453.42	199 154.14	198 854.75	198 555.26	198 255.65
1 17 30	206 101.19	205 791.93	205 482.56	205 173.07	204 863.48
1 20 00	212 748.88	212 429.64	212 110.29	211 790.83	211 471.25
1 22 30	219 396.50	219 067.29	218 737.96	218 408.51	218 078.95
1 25 00	226 044.05	225 704.86	225 365.55	225 026.12	224 686.57
1 27 30	232 691.53	232 342.36	231 993.08	231 643.66	231 294.12
1 30 00	239 338.92	238 979.78	238 620.52	238 261.12	237 901.59
1 32 30	245 986.25	245 617.13	245 247.88	244 878.50	244 508.99
1 35 00	252 633.49	252 254.39	251 875.17	251 495.80	251 116.30
1 37 30	259 280.65	258 891.58	258 502.37	258 113.02	257 723.53
1 40 00	265 927.72	265 528.67	265 129.49	264 730.15	264 330.68
1 42 30	272 574.71	272 165.69	271 756.51	271 347.20	270 937.74
1 45 00	279 221.60	278 802.61	278 383.46	277 964.16	277 544.71
1 47 30	285 868.41	285 439.43	285 010.30	284 581.02	284 151.59
1 50 00	292 515.12	292 076.16	291 637.06	291 197.79	290 758.37
1 52 30	299 161.73	298 712.80	298 263.71	297 814.46	297 365.05
1 55 00	305 808.25	305 349.35	304 890.27	304 431.04	303 971.65
1 57 30	312 454.67	311 985.79	311 516.74	311 047.52	310 578.13
2 00 00	319 100.99	318 622.13	318 143.09	317 663.89	317 184.52
2 02 30	325 747.19	325 258.36	324 769.34	324 280.16	323 790.80
2 05 00	332 393.30	331 894.48	331 395.49	330 896.32	330 396.97
2 07 30	339 039.29	338 530.50	338 021.53	337 512.37	337 003.04
2 10 00	345 685.17	345 166.41	344 647.45	344 128.31	343 608.99
2 12 30	352 330.94	351 802.20	351 273.26	350 744.14	350 214.83
2 15 00	358 976.60	358 437.88	357 898.96	357 359.85	356 820.56
2 17 30	365 622.13	365 073.43	364 524.54	363 975.44	363 426.16
2 20 00	372 267.55	371 708.87	371 150.00	370 590.92	370 031.65
2 22 30	378 912.84	378 344.19	377 775.33	377 206.27	376 637.01
2 25 00	385 558.01	384 979.38	384 400.54	383 821.50	383 242.25
2 27 30	392 203.05	391 614.44	391 025.63	390 436.60	389 847.36
2 30 00	398 847.96	398 249.38	397 650.58	397 051.57	396 452.35
2 32 30	405 492.75	404 884.18	404 275.40	403 666.41	403 057.20
2 35 00	412 137.40	411 518.86	410 900.10	410 281.12	409 661.92
2 37 30	418 781.91	418 153.40	417 524.65	416 895.69	416 266.50
2 40 00	425 426.28	424 787.79	424 149.07	423 510.12	422 870.95
2 42 30	432 070.52	431 422.05	430 773.35	430 124.42	429 475.25
2 45 00	438 714.62	438 056.17	437 397.48	436 738.57	436 079.42
2 47 30	445 358.57	444 690.14	444 021.48	443 352.57	442 683.44
2 50 00	452 002.38	451 323.97	450 645.32	449 966.44	449 287.31
2 52 30	458 646.03	457 957.65	457 269.02	456 580.15	455 891.03
2 55 00	465 289.54	464 591.18	463 892.57	463 193.71	462 494.61
2 57 30	471 932.89	471 224.56	470 515.97	469 807.12	469 098.03
3 00 00	478 576.09	477 857.77	477 139.20	476 420.37	475 701.30

Second-difference correction to x' for indicated values of h and Δλ

Δλ \ h	0" 150"	15" 135"	30" 120"	45" 105"	60" 90"	75" 75"
0°	0	0	0	0	0	0
1°	0	+.01	+.01	+.01	+.02	+.02
2°	+.01	+.02	+.02	+.03	+.03	+.03
3°	+.01	+.03	+.04	+.04	+.04	+.05

Correction for k is negligible

ALASKA – ZONES 2 TO 9
STATE PLANE COORDINATES IN FEET – Y

Δλ \ φ	64 10 00	64 12 30	64 15 00	64 17 30	64 20 00
0 00 00	3715 299.02	3730 537.41	3745 775.89	3761 014.46	3776 253.11
0 02 30	3715 301.20	3730 539.59	3745 778.06	3761 016.63	3776 255.28
0 05 00	3715 307.73	3730 546.11	3745 784.57	3761 023.13	3776 261.77
0 07 30	3715 318.61	3730 556.97	3745 795.43	3761 033.98	3776 272.60
0 10 00	3715 333.84	3730 572.19	3745 810.62	3761 049.15	3776 287.77
0 12 30	3715 353.42	3730 591.75	3745 830.17	3761 068.67	3776 307.26
0 15 00	3715 377.36	3730 615.66	3745 854.05	3761 092.52	3776 331.08
0 17 30	3715 405.65	3730 643.91	3745 882.27	3761 120.71	3776 359.24
0 20 00	3715 438.28	3730 676.51	3745 914.83	3761 153.24	3776 391.73
0 22 30	3715 475.28	3730 713.46	3745 951.74	3761 190.11	3776 428.55
0 25 00	3715 516.62	3730 754.76	3745 992.99	3761 231.30	3776 469.70
0 27 30	3715 562.31	3730 800.40	3746 038.58	3761 276.84	3776 515.19
0 30 00	3715 612.36	3730 850.39	3746 088.51	3761 326.72	3776 565.01
0 32 30	3715 666.76	3730 904.73	3746 142.78	3761 380.93	3776 619.15
0 35 00	3715 725.51	3730 963.41	3746 201.40	3761 439.47	3776 677.63
0 37 30	3715 788.61	3731 026.44	3746 264.36	3761 502.36	3776 740.44
0 40 00	3715 856.07	3731 093.82	3746 331.66	3761 569.58	3776 807.59
0 42 30	3715 927.88	3731 165.55	3746 403.30	3761 641.14	3776 879.07
0 45 00	3716 004.03	3731 241.62	3746 479.28	3761 717.04	3776 954.87
0 47 30	3716 084.55	3731 322.04	3746 559.61	3761 797.27	3777 035.01
0 50 00	3716 169.41	3731 406.80	3746 644.28	3761 881.84	3777 119.49
0 52 30	3716 258.63	3731 495.92	3746 733.29	3761 970.75	3777 208.29
0 55 00	3716 352.19	3731 589.37	3746 826.64	3762 063.99	3777 301.42
0 57 30	3716 450.11	3731 687.18	3746 924.33	3762 161.57	3777 398.89
1 00 00	3716 552.38	3731 789.33	3747 026.37	3762 263.49	3777 500.69
1 02 30	3716 659.01	3731 895.84	3747 132.74	3762 369.74	3777 606.82
1 05 00	3716 769.98	3732 006.68	3747 243.47	3762 480.34	3777 717.29
1 07 30	3716 885.31	3732 121.88	3747 358.53	3762 595.27	3777 832.08
1 10 00	3717 004.99	3732 241.42	3747 477.93	3762 714.53	3777 951.21
1 12 30	3717 129.02	3732 365.31	3747 601.68	3762 838.13	3778 074.67
1 15 00	3717 257.40	3732 493.54	3747 729.76	3762 966.07	3778 202.46
1 17 30	3717 390.14	3732 626.13	3747 862.20	3763 098.35	3778 334.58
1 20 00	3717 527.22	3732 763.05	3747 998.97	3763 234.96	3778 471.04
1 22 30	3717 668.66	3732 904.33	3748 140.08	3763 375.92	3778 611.83
1 25 00	3717 814.46	3733 049.95	3748 285.53	3763 521.20	3778 756.95
1 27 30	3717 964.60	3733 199.93	3748 435.33	3763 670.83	3778 906.40
1 30 00	3718 119.10	3733 354.25	3748 589.47	3763 824.79	3779 060.18
1 32 30	3718 277.94	3733 512.91	3748 747.95	3763 983.09	3779 218.30
1 35 00	3718 441.15	3733 675.92	3748 910.78	3764 145.73	3779 380.75
1 37 30	3718 608.70	3733 843.28	3749 077.95	3764 312.70	3779 547.53
1 40 00	3718 780.60	3734 014.99	3749 249.46	3764 484.01	3779 718.63
1 42 30	3718 956.86	3734 191.04	3749 425.31	3764 659.66	3779 894.08
1 45 00	3719 137.47	3734 371.45	3749 605.50	3764 839.64	3780 073.86
1 47 30	3719 322.43	3734 556.20	3749 790.04	3765 023.97	3780 257.97
1 50 00	3719 511.74	3734 745.29	3749 978.92	3765 212.62	3780 446.41
1 52 30	3719 705.40	3734 938.73	3750 172.14	3765 405.62	3780 639.18
1 55 00	3719 903.43	3735 136.52	3750 369.70	3765 602.95	3780 836.28
1 57 30	3720 105.79	3735 338.66	3750 571.60	3765 804.63	3781 037.72
2 00 00	3720 312.52	3735 545.14	3750 777.85	3766 010.63	3781 243.49
2 02 30	3720 523.59	3735 755.98	3750 988.44	3766 220.98	3781 453.59
2 05 00	3720 739.02	3735 971.16	3751 203.37	3766 435.66	3781 668.02
2 07 30	3720 958.80	3736 190.68	3751 422.64	3766 654.68	3781 886.79
2 10 00	3721 182.93	3736 414.56	3751 646.26	3766 878.04	3782 109.89
2 12 30	3721 411.42	3736 642.78	3751 874.22	3767 105.73	3782 337.32
2 15 00	3721 644.25	3736 875.35	3752 106.52	3767 337.76	3782 569.08
2 17 30	3721 881.44	3737 112.26	3752 343.16	3767 574.13	3782 805.18
2 20 00	3722 122.98	3737 353.53	3752 584.14	3767 814.84	3783 045.60
2 22 30	3722 368.87	3737 599.14	3752 829.47	3768 059.88	3783 290.36
2 25 00	3722 619.12	3737 849.10	3753 079.14	3768 309.26	3783 539.45
2 27 30	3722 873.72	3738 103.40	3753 333.16	3768 562.98	3783 792.88
2 30 00	3723 132.67	3738 362.05	3753 591.51	3768 821.04	3784 050.63
2 32 30	3723 395.97	3738 625.06	3753 854.21	3769 083.43	3784 312.72
2 35 00	3723 663.63	3738 892.41	3754 121.24	3769 350.16	3784 579.15
2 37 30	3723 935.64	3739 164.10	3754 392.63	3769 621.23	3784 849.90
2 40 00	3724 212.00	3739 440.15	3754 668.35	3769 896.64	3785 124.99
2 42 30	3724 492.71	3739 720.54	3754 948.42	3770 176.38	3785 404.40
2 45 00	3724 777.78	3740 005.28	3755 232.83	3770 460.46	3785 688.15
2 47 30	3725 067.20	3740 294.36	3755 521.59	3770 748.88	3785 976.24
2 50 00	3725 360.97	3740 587.80	3755 814.68	3771 041.63	3786 268.65
2 52 30	3725 659.10	3740 885.58	3756 112.12	3771 338.73	3786 565.40
2 55 00	3725 961.57	3741 187.70	3756 413.90	3771 640.16	3786 866.48
2 57 30	3726 268.40	3741 494.18	3756 720.02	3771 945.93	3787 171.90
3 00 00	3726 579.59	3741 805.01	3757 030.49	3772 256.03	3787 481.64

Second-difference correction to y for indicated value of k (for all Δλ's)

k	0" 150"	5" 145"	10" 140"	15" 135"	20" 130"	25" 125"	30" 120"	35" 115"	40" 110"	45" 105"	50" 100"	55" 95"	60" 90"	65" 85"	70" 80"	75" 75"
Correction	-.01	-.08	-.14	-.20	-.26	-.31	-.36	-.40	-.44	-.47	-.50	-.52	-.53	-.54	-.55	-.55

Correction for h is negligible

ALASKA – ZONES 2 TO 9
STATE PLANE COORDINATES IN FEET – X'

Δλ \ φ	64 20 00	64 22 30	64 25 00	64 27 30	64 30 00
0 00 00	0.00	0.00	0.00	0.00	0.00
0 02 30	6 608.85	6 598.86	6 588.86	6 578.87	6 568.87
0 05 00	13 217.70	13 197.71	13 177.73	13 157.73	13 137.73
0 07 30	19 826.54	19 796.57	19 766.58	19 736.59	19 706.59
0 10 00	26 435.37	26 395.41	26 355.44	26 315.45	26 275.45
0 12 30	33 044.20	32 994.25	32 944.28	32 894.29	32 844.29
0 15 00	39 653.02	39 593.07	39 533.11	39 473.13	39 413.12
0 17 30	46 261.82	46 191.89	46 121.93	46 051.95	45 981.95
0 20 00	52 870.61	52 790.69	52 710.73	52 630.76	52 550.75
0 22 30	59 479.38	59 389.46	59 299.52	59 209.55	59 119.54
0 25 00	66 088.13	65 988.22	65 888.29	65 788.31	65 688.31
0 27 30	72 696.86	72 586.96	72 477.03	72 367.06	72 257.05
0 30 00	79 305.56	79 185.68	79 065.75	78 945.78	78 825.77
0 32 30	85 914.24	85 784.37	85 654.45	85 524.48	85 394.47
0 35 00	92 522.89	92 383.03	92 243.12	92 103.15	91 963.14
0 37 30	99 131.51	98 981.66	98 831.75	98 681.79	98 531.78
0 40 00	105 740.10	105 580.25	105 420.35	105 260.39	105 100.38
0 42 30	112 348.65	112 178.81	112 008.92	111 838.97	111 668.95
0 45 00	118 957.16	118 777.34	118 597.45	118 417.50	118 237.49
0 47 30	125 565.64	125 375.82	125 185.94	124 995.99	124 805.98
0 50 00	132 174.07	131 974.27	131 774.39	131 574.44	131 374.43
0 52 30	138 782.46	138 572.67	138 362.80	138 152.85	137 942.84
0 55 00	145 390.81	145 171.02	144 951.16	144 731.22	144 511.20
0 57 30	151 999.11	151 769.33	151 539.47	151 309.53	151 079.51
1 00 00	158 607.35	158 367.59	158 127.73	157 887.80	157 647.78
1 02 30	165 215.55	164 965.79	164 715.94	164 466.01	164 215.99
1 05 00	171 823.69	171 563.94	171 304.10	171 044.17	170 784.14
1 07 30	178 431.77	178 162.03	177 892.20	177 622.27	177 352.24
1 10 00	185 039.79	184 760.06	184 480.23	184 200.31	183 920.29
1 12 30	191 647.76	191 358.04	191 068.21	190 778.29	190 488.26
1 15 00	198 255.65	197 955.94	197 656.13	197 356.20	197 056.18
1 17 30	204 863.48	204 553.78	204 243.97	203 934.06	203 624.03
1 20 00	211 471.25	211 151.56	210 831.76	210 511.84	210 191.81
1 22 30	218 078.95	217 749.27	217 419.47	217 089.55	216 759.52
1 25 00	224 686.57	224 346.90	224 007.11	223 667.20	223 327.17
1 27 30	231 294.12	230 944.46	230 594.68	230 244.76	229 894.73
1 30 00	237 901.59	237 541.94	237 182.16	236 822.25	236 462.22
1 32 30	244 508.99	244 139.34	243 769.57	243 399.66	243 029.63
1 35 00	251 116.30	250 736.67	250 356.90	249 977.00	249 596.96
1 37 30	257 723.53	257 333.91	256 944.14	256 554.24	256 164.21
1 40 00	264 330.68	263 931.06	263 531.31	263 131.41	262 731.37
1 42 30	270 937.74	270 528.13	270 118.38	269 708.49	269 298.45
1 45 00	277 544.71	277 125.11	276 705.37	276 285.47	275 865.43
1 47 30	284 151.59	283 722.00	283 292.26	282 862.37	282 432.32
1 50 00	290 758.37	290 318.79	289 879.06	289 439.17	288 999.12
1 52 30	297 365.05	296 915.48	296 465.76	296 015.87	295 565.83
1 55 00	303 971.65	303 512.08	303 052.36	302 592.47	302 132.43
1 57 30	310 578.13	310 108.58	309 638.86	309 168.98	308 698.93
2 00 00	317 184.52	316 704.98	316 225.26	315 745.38	315 265.33
2 02 30	323 790.80	323 301.26	322 811.56	322 321.68	321 831.63
2 05 00	330 396.97	329 897.45	329 397.75	328 897.87	328 397.82
2 07 30	337 003.04	336 493.52	335 983.83	335 473.95	334 963.90
2 10 00	343 608.99	343 089.48	342 569.80	342 049.92	341 529.87
2 12 30	350 214.83	349 685.33	349 155.65	348 625.78	348 095.72
2 15 00	356 820.56	356 281.07	355 741.38	355 201.52	354 661.46
2 17 30	363 426.16	362 876.68	362 327.01	361 777.14	361 227.08
2 20 00	370 031.65	369 472.17	368 912.51	368 352.64	367 792.58
2 22 30	376 637.01	376 067.55	375 497.89	374 928.02	374 357.96
2 25 00	383 242.25	382 662.79	382 083.14	381 503.27	380 923.21
2 27 30	389 847.36	389 257.92	388 668.26	388 078.40	387 488.34
2 30 00	396 452.35	395 852.91	395 253.26	394 653.40	394 053.33
2 32 30	403 057.20	402 447.77	401 838.12	401 228.27	400 618.20
2 35 00	409 661.92	409 042.50	408 422.86	407 803.00	407 182.93
2 37 30	416 266.50	415 637.09	415 007.46	414 377.60	413 747.52
2 40 00	422 870.95	422 231.54	421 591.91	420 952.06	420 311.98
2 42 30	429 475.25	428 825.86	428 176.24	427 526.38	426 876.30
2 45 00	436 079.42	435 420.03	434 760.41	434 100.56	433 440.48
2 47 30	442 683.44	442 014.06	441 344.44	440 674.59	440 004.51
2 50 00	449 287.31	448 607.94	447 928.33	447 248.48	446 568.40
2 52 30	455 891.03	455 201.67	454 512.07	453 822.22	453 132.14
2 55 00	462 494.61	461 795.25	461 095.65	460 395.81	459 695.72
2 57 30	469 098.03	468 388.68	467 679.09	466 969.24	466 259.15
3 00 00	475 701.30	474 981.96	474 262.37	473 542.52	472 822.43

Second-difference correction to x' for indicated values of h and Δλ

Δλ \ h	0" 150"	15" 135"	30" 120"	45" 105"	60" 90"	75" 75"
0°	0	0	0	0	0	0
1°	0	+.01	+.01	+.01	+.02	+.02
2°	+.01	+.02	+.02	+.03	+.03	+.03
3°	+.01	+.03	+.04	+.04	+.04	+.05

Correction for k is negligible

ALASKA – ZONES 2 TO 9
STATE PLANE COORDINATES IN FEET – Y

Δλ \ φ	64 20 00	64 22 30	64 25 00	64 27 30	64 30 00
0 00 00	3776 253.11	3791 491.86	3806 730.69	3821 969.61	3837 208.61
0 02 30	3776 255.28	3791 494.02	3806 732.85	3821 971.77	3837 210.77
0 05 00	3776 261.77	3791 500.51	3806 739.33	3821 978.24	3837 217.24
0 07 30	3776 272.60	3791 511.33	3806 750.14	3821 989.03	3837 228.02
0 10 00	3776 287.77	3791 526.47	3806 765.26	3822 004.14	3837 243.11
0 12 30	3776 307.26	3791 545.94	3806 784.71	3822 023.57	3837 262.51
0 15 00	3776 331.08	3791 569.74	3806 808.48	3822 047.31	3837 286.23
0 17 30	3776 359.24	3791 597.86	3806 836.57	3822 075.37	3837 314.25
0 20 00	3776 391.73	3791 630.31	3806 868.98	3822 107.74	3837 346.59
0 22 30	3776 428.55	3791 667.09	3806 905.72	3822 144.44	3837 383.24
0 25 00	3776 469.70	3791 708.20	3806 946.78	3822 185.44	3837 424.20
0 27 30	3776 515.19	3791 753.63	3806 992.16	3822 230.77	3837 469.47
0 30 00	3776 565.01	3791 803.39	3807 041.85	3822 280.41	3837 519.05
0 32 30	3776 619.15	3791 857.47	3807 095.88	3822 334.37	3837 572.95
0 35 00	3776 677.63	3791 915.88	3807 154.22	3822 392.65	3837 631.16
0 37 30	3776 740.44	3791 978.62	3807 216.89	3822 455.24	3837 693.68
0 40 00	3776 807.59	3792 045.69	3807 283.87	3822 522.15	3837 760.51
0 42 30	3776 879.07	3792 117.08	3807 355.18	3822 593.37	3837 831.65
0 45 00	3776 954.87	3792 192.80	3807 430.82	3822 668.92	3837 907.10
0 47 30	3777 035.01	3792 272.85	3807 510.77	3822 748.77	3837 986.87
0 50 00	3777 119.49	3792 357.22	3807 595.05	3822 832.95	3838 070.95
0 52 30	3777 208.29	3792 445.93	3807 683.64	3822 921.45	3838 159.34
0 55 00	3777 301.42	3792 538.95	3807 776.56	3823 014.26	3838 252.04
0 57 30	3777 398.89	3792 636.31	3807 873.80	3823 111.39	3838 349.05
1 00 00	3777 500.69	3792 737.98	3807 975.36	3823 212.83	3838 450.38
1 02 30	3777 606.82	3792 844.00	3808 081.25	3823 318.59	3838 556.01
1 05 00	3777 717.29	3792 954.33	3808 191.46	3823 428.67	3838 665.96
1 07 30	3777 832.08	3793 068.99	3808 305.99	3823 543.06	3838 780.22
1 10 00	3777 951.21	3793 187.98	3808 424.83	3823 661.77	3838 898.79
1 12 30	3778 074.67	3793 311.30	3808 548.00	3823 784.80	3839 021.68
1 15 00	3778 202.46	3793 438.94	3808 675.50	3823 912.15	3839 148.87
1 17 30	3778 334.58	3793 570.91	3808 807.31	3824 043.80	3839 280.38
1 20 00	3778 471.04	3793 707.21	3808 943.45	3824 179.79	3839 416.20
1 22 30	3778 611.83	3793 847.83	3809 083.91	3824 320.08	3839 556.33
1 25 00	3778 756.95	3793 992.78	3809 228.69	3824 464.69	3839 700.77
1 27 30	3778 906.40	3794 142.06	3809 377.80	3824 613.62	3839 849.52
1 30 00	3779 060.18	3794 295.66	3809 531.22	3824 766.86	3840 002.59
1 32 30	3779 218.30	3794 453.60	3809 688.97	3824 924.43	3840 159.97
1 35 00	3779 380.75	3794 615.85	3809 851.04	3825 086.31	3840 321.66
1 37 30	3779 547.53	3794 782.44	3810 017.43	3825 252.50	3840 487.66
1 40 00	3779 718.63	3794 953.35	3810 188.14	3825 423.02	3840 657.97
1 42 30	3779 894.08	3795 128.59	3810 363.18	3825 597.85	3840 832.60
1 45 00	3780 073.86	3795 308.16	3810 542.54	3825 777.00	3841 011.53
1 47 30	3780 257.97	3795 492.05	3810 726.22	3825 960.46	3841 194.78
1 50 00	3780 446.41	3795 680.27	3810 914.22	3826 148.24	3841 382.34
1 52 30	3780 639.18	3795 872.82	3811 106.54	3826 340.34	3841 574.22
1 55 00	3780 836.28	3796 069.69	3811 303.19	3826 536.76	3841 770.40
1 57 30	3781 037.72	3796 270.90	3811 504.15	3826 737.49	3841 970.90
2 00 00	3781 243.49	3796 476.43	3811 709.45	3826 942.54	3842 175.71
2 02 30	3781 453.59	3796 686.28	3811 919.06	3827 151.91	3842 384.83
2 05 00	3781 668.02	3796 900.47	3812 132.99	3827 365.59	3842 598.26
2 07 30	3781 886.79	3797 118.98	3812 351.25	3827 583.59	3842 816.00
2 10 00	3782 109.89	3797 341.82	3812 573.82	3827 805.91	3843 038.06
2 12 30	3782 337.32	3797 568.98	3812 800.73	3828 032.54	3843 264.43
2 15 00	3782 569.08	3797 800.48	3813 031.95	3828 263.49	3843 495.11
2 17 30	3782 805.18	3798 036.30	3813 267.49	3828 498.76	3843 730.10
2 20 00	3783 045.60	3798 276.44	3813 507.36	3828 738.35	3843 969.41
2 22 30	3783 290.36	3798 520.92	3813 751.55	3828 982.25	3844 213.03
2 25 00	3783 539.45	3798 769.72	3814 000.06	3829 230.47	3844 460.95
2 27 30	3783 792.88	3799 022.85	3814 252.89	3829 483.01	3844 713.20
2 30 00	3784 050.63	3799 280.31	3814 510.05	3829 739.86	3844 969.75
2 32 30	3784 312.72	3799 542.09	3814 771.53	3830 001.03	3845 230.62
2 35 00	3784 579.15	3799 808.20	3815 037.33	3830 266.52	3845 495.79
2 37 30	3784 849.90	3800 078.64	3815 307.45	3830 536.33	3845 765.28
2 40 00	3785 124.99	3800 353.40	3815 581.90	3830 810.45	3846 039.08
2 42 30	3785 404.40	3800 632.50	3815 860.66	3831 088.90	3846 317.20
2 45 00	3785 688.15	3800 915.92	3816 143.75	3831 371.65	3846 599.62
2 47 30	3785 976.24	3801 203.66	3816 431.16	3831 658.73	3846 886.36
2 50 00	3786 268.65	3801 495.74	3816 722.90	3831 950.12	3847 177.41
2 52 30	3786 565.40	3801 792.14	3817 018.96	3832 245.83	3847 472.77
2 55 00	3786 866.48	3802 092.87	3817 319.34	3832 545.86	3847 772.45
2 57 30	3787 171.90	3802 397.93	3817 624.04	3832 850.20	3848 076.44
3 00 00	3787 481.64	3802 707.32	3817 933.06	3833 158.87	3848 384.73

Second-difference correction to y for indicated value of k (for all Δλ's)

k	0" 150"	5" 145"	10" 140"	15" 135"	20" 130"	25" 125"	30" 120"	35" 115"	40" 110"	45" 105"	50" 100"	55" 95"	60" 90"	65" 85"	70" 80"	75" 75"
Correction	-.01	-.08	-.14	-.20	-.26	-.31	-.36	-.40	-.44	-.47	-.50	-.52	-.53	-.54	-.55	-.55

Correction for h is negligible

ALASKA – ZONES 2 TO 9
STATE PLANE COORDINATES IN FEET – X'

Δλ \ φ	64 30 00	64 32 30	64 35 00	64 37 30	64 40 00
0 00 00	0.00	0.00	0.00	0.00	0.00
0 02 30	6 568.87	6 558.86	6 548.86	6 538.84	6 528.83
0 05 00	13 137.73	13 117.72	13 097.71	13 077.68	13 057.65
0 07 30	19 706.59	19 676.58	19 646.56	19 616.52	19 586.48
0 10 00	26 275.45	26 235.43	26 195.40	26 155.35	26 115.29
0 12 30	32 844.29	32 794.27	32 744.23	32 694.17	32 644.10
0 15 00	39 413.12	39 353.10	39 293.05	39 232.98	39 172.89
0 17 30	45 981.95	45 911.92	45 841.86	45 771.78	45 701.68
0 20 00	52 550.75	52 470.72	52 390.65	52 310.56	52 230.44
0 22 30	59 119.54	59 029.50	58 939.43	58 849.32	58 759.19
0 25 00	65 688.31	65 588.26	65 488.19	65 388.07	65 287.92
0 27 30	72 257.05	72 147.00	72 036.92	71 926.79	71 816.63
0 30 00	78 825.77	78 705.72	78 585.63	78 465.49	78 345.31
0 32 30	85 394.47	85 264.42	85 134.31	85 004.16	84 873.97
0 35 00	91 963.14	91 823.08	91 682.97	91 542.81	91 402.60
0 37 30	98 531.78	98 381.71	98 231.59	98 081.42	97 931.20
0 40 00	105 100.38	104 940.31	104 780.18	104 620.00	104 459.76
0 42 30	111 668.95	111 498.87	111 328.74	111 158.55	110 988.30
0 45 00	118 237.49	118 057.40	117 877.26	117 697.06	117 516.79
0 47 30	124 805.98	124 615.89	124 425.74	124 235.53	124 045.24
0 50 00	131 374.43	131 174.34	130 974.18	130 773.95	130 573.66
0 52 30	137 942.84	137 732.75	137 522.58	137 312.34	137 102.03
0 55 00	144 511.20	144 291.10	144 070.93	143 850.67	143 630.35
0 57 30	151 079.51	150 849.41	150 619.23	150 388.96	150 158.62
1 00 00	157 647.78	157 407.67	157 167.48	156 927.20	156 686.85
1 02 30	164 215.99	163 965.88	163 715.68	163 465.39	163 215.02
1 05 00	170 784.14	170 524.03	170 263.82	170 003.52	169 743.13
1 07 30	177 352.24	177 082.12	176 811.91	176 541.60	176 271.20
1 10 00	183 920.29	183 640.16	183 359.94	183 079.61	182 799.19
1 12 30	190 488.26	190 198.14	189 907.90	189 617.57	189 327.14
1 15 00	197 056.18	196 756.05	196 455.81	196 155.46	195 855.01
1 17 30	203 624.03	203 313.89	203 003.65	202 693.29	202 382.82
1 20 00	210 191.81	209 871.67	209 551.41	209 231.04	208 910.57
1 22 30	216 759.52	216 429.38	216 099.12	215 768.74	215 438.24
1 25 00	223 327.17	222 987.01	222 646.74	222 306.35	221 965.84
1 27 30	229 894.73	229 544.58	229 194.30	228 843.89	228 493.37
1 30 00	236 462.22	236 102.06	235 741.77	235 381.35	235 020.81
1 32 30	243 029.63	242 659.47	242 289.17	241 918.74	241 548.18
1 35 00	249 596.96	249 216.79	248 836.48	248 456.05	248 075.47
1 37 30	256 164.21	255 774.03	255 383.72	254 993.27	254 602.68
1 40 00	262 731.37	262 331.19	261 930.87	261 530.41	261 129.80
1 42 30	269 298.45	268 888.26	268 477.93	268 067.46	267 656.84
1 45 00	275 865.43	275 445.24	275 024.90	274 604.41	274 183.78
1 47 30	282 432.32	282 002.13	281 571.78	281 141.28	280 710.64
1 50 00	288 999.12	288 558.92	288 118.57	287 678.06	287 237.39
1 52 30	295 565.83	295 115.62	294 665.25	294 214.73	293 764.05
1 55 00	302 132.43	301 672.22	301 211.85	300 751.31	300 290.62
1 57 30	308 698.93	308 228.72	307 758.34	307 287.79	306 817.08
2 00 00	315 265.33	314 785.12	314 304.73	313 824.17	313 343.44
2 02 30	321 831.63	321 341.40	320 851.01	320 360.44	319 869.70
2 05 00	328 397.82	327 897.59	327 397.18	326 896.60	326 395.84
2 07 30	334 963.90	334 453.66	333 943.25	333 432.65	332 921.88
2 10 00	341 529.87	341 009.63	340 489.20	339 968.60	339 447.81
2 12 30	348 095.72	347 565.48	347 035.04	346 504.42	345 973.62
2 15 00	354 661.46	354 121.21	353 580.77	353 040.14	352 499.31
2 17 30	361 227.08	360 676.82	360 126.37	359 575.73	359 024.90
2 20 00	367 792.58	367 232.32	366 671.86	366 111.20	365 550.35
2 22 30	374 357.96	373 787.69	373 217.22	372 646.55	372 075.69
2 25 00	380 923.21	380 342.93	379 762.46	379 181.78	378 600.90
2 27 30	387 488.34	386 898.06	386 307.57	385 716.88	385 125.98
2 30 00	394 053.33	393 453.05	392 852.55	392 251.85	391 650.94
2 32 30	400 618.20	400 007.91	399 397.40	398 786.69	398 175.76
2 35 00	407 182.93	406 562.63	405 942.12	405 321.39	404 700.45
2 37 30	413 747.52	413 117.22	412 486.70	411 855.96	411 225.00
2 40 00	420 311.98	419 671.68	419 031.15	418 390.39	417 749.42
2 42 30	426 876.30	426 225.99	425 575.45	424 924.69	424 273.69
2 45 00	433 440.48	432 780.16	432 119.61	431 458.84	430 797.82
2 47 30	440 004.51	439 334.19	438 663.63	437 992.84	437 321.81
2 50 00	446 568.40	445 888.07	445 207.50	444 526.70	443 845.65
2 52 30	453 132.14	452 441.80	451 751.22	451 060.41	450 369.35
2 55 00	459 695.72	458 995.38	458 294.79	457 593.96	456 892.89
2 57 30	466 259.15	465 548.81	464 838.21	464 127.37	463 416.27
3 00 00	472 822.43	472 102.08	471 381.47	470 660.62	469 939.51

Second-difference correction to x' for indicated values of h and Δλ

Δλ \ h	0" 150"	15" 135"	30" 120"	45" 105"	60" 90"	75" 75"
0°	0	0	0	0	0	0
1°	0	+.01	+.01	+.01	+.02	+.02
2°	+.01	+.02	+.02	+.03	+.03	+.03
3°	+.01	+.03	+.04	+.04	+.04	+.05

Correction for k is negligible

ALASKA – ZONES 2 TO 9
STATE PLANE COORDINATES IN FEET – Y

Δλ \ φ	64 30 00	64 32 30	64 35 00	64 37 30	64 40 00
0 00 00	3837 208.61	3852 447.71	3867 686.89	3882 926.16	3898 165.52
0 02 30	3837 210.77	3852 449.86	3867 689.05	3882 928.31	3898 167.67
0 05 00	3837 217.24	3852 456.32	3867 695.50	3882 934.76	3898 174.11
0 07 30	3837 228.02	3852 467.09	3867 706.25	3882 945.50	3898 184.83
0 10 00	3837 243.11	3852 482.16	3867 721.31	3882 960.53	3898 199.85
0 12 30	3837 262.51	3852 501.54	3867 740.66	3882 979.87	3898 219.17
0 15 00	3837 286.23	3852 525.23	3867 764.32	3883 003.50	3898 242.77
0 17 30	3837 314.25	3852 553.22	3867 792.28	3883 031.43	3898 270.66
0 20 00	3837 346.59	3852 585.52	3867 824.54	3883 063.65	3898 302.85
0 22 30	3837 383.24	3852 622.12	3867 861.11	3883 100.17	3898 339.32
0 25 00	3837 424.20	3852 663.04	3867 901.97	3883 140.98	3898 380.09
0 27 30	3837 469.47	3852 708.26	3867 947.14	3883 186.10	3898 425.15
0 30 00	3837 519.05	3852 757.78	3867 996.60	3883 235.51	3898 474.50
0 32 30	3837 572.95	3852 811.61	3868 050.37	3883 289.21	3898 528.14
0 35 00	3837 631.16	3852 869.75	3868 108.44	3883 347.21	3898 586.07
0 37 30	3837 693.68	3852 932.20	3868 170.81	3883 409.51	3898 648.29
0 40 00	3837 760.51	3852 998.95	3868 237.49	3883 476.10	3898 714.81
0 42 30	3837 831.65	3853 070.01	3868 308.46	3883 547.00	3898 785.62
0 45 00	3837 907.10	3853 145.37	3868 383.74	3883 622.18	3898 860.72
0 47 30	3837 986.87	3853 225.05	3868 463.32	3883 701.67	3898 940.11
0 50 00	3838 070.95	3853 309.03	3868 547.19	3883 785.45	3899 023.79
0 52 30	3838 159.34	3853 397.32	3868 635.38	3883 873.53	3899 111.76
0 55 00	3838 252.04	3853 489.91	3868 727.86	3883 965.90	3899 204.03
0 57 30	3838 349.05	3853 586.80	3868 824.64	3884 062.57	3899 300.58
1 00 00	3838 450.38	3853 688.01	3868 925.73	3884 163.53	3899 401.42
1 02 30	3838 556.01	3853 793.52	3869 031.12	3884 268.80	3899 506.56
1 05 00	3838 665.96	3853 903.34	3869 140.80	3884 378.36	3899 615.99
1 07 30	3838 780.22	3854 017.47	3869 254.80	3884 492.21	3899 729.71
1 10 00	3838 898.79	3854 135.90	3869 373.09	3884 610.36	3899 847.72
1 12 30	3839 021.68	3854 258.64	3869 495.68	3884 732.81	3899 970.02
1 15 00	3839 148.87	3854 385.68	3869 622.58	3884 859.56	3900 096.62
1 17 30	3839 280.38	3854 517.03	3869 753.78	3884 990.60	3900 227.51
1 20 00	3839 416.20	3854 652.69	3869 889.27	3885 125.94	3900 362.68
1 22 30	3839 556.33	3854 792.66	3870 029.08	3885 265.57	3900 502.15
1 25 00	3839 700.77	3854 936.93	3870 173.18	3885 409.50	3900 645.91
1 27 30	3839 849.52	3855 085.51	3870 321.58	3885 557.73	3900 793.96
1 30 00	3840 002.59	3855 238.39	3870 474.29	3885 710.26	3900 946.31
1 32 30	3840 159.97	3855 395.59	3870 631.29	3885 867.08	3901 102.94
1 35 00	3840 321.66	3855 557.09	3870 792.60	3886 028.19	3901 263.87
1 37 30	3840 487.66	3855 722.89	3870 958.21	3886 193.61	3901 429.09
1 40 00	3840 657.97	3855 893.01	3871 128.12	3886 363.32	3901 598.59
1 42 30	3840 832.60	3856 067.43	3871 302.34	3886 537.32	3901 772.40
1 45 00	3841 011.53	3856 246.15	3871 480.86	3886 715.63	3901 950.49
1 47 30	3841 194.78	3856 429.19	3871 663.67	3886 898.23	3902 132.87
1 50 00	3841 382.34	3856 616.53	3871 850.79	3887 085.13	3902 319.55
1 52 30	3841 574.22	3856 808.17	3872 042.21	3887 276.32	3902 510.51
1 55 00	3841 770.40	3857 004.13	3872 237.93	3887 471.81	3902 705.77
1 57 30	3841 970.90	3857 204.39	3872 437.96	3887 671.60	3902 905.32
2 00 00	3842 175.71	3857 408.95	3872 642.28	3887 875.69	3903 109.16
2 02 30	3842 384.83	3857 617.83	3872 850.91	3888 084.06	3903 317.30
2 05 00	3842 598.26	3857 831.01	3873 063.84	3888 296.74	3903 529.72
2 07 30	3842 816.00	3858 048.50	3873 281.07	3888 513.72	3903 746.44
2 10 00	3843 038.06	3858 270.29	3873 502.60	3888 734.98	3903 967.44
2 12 30	3843 264.43	3858 496.39	3873 728.44	3888 960.56	3904 192.74
2 15 00	3843 495.11	3858 726.80	3873 958.57	3889 190.42	3904 422.34
2 17 30	3843 730.10	3858 961.52	3874 193.01	3889 424.58	3904 656.22
2 20 00	3843 969.41	3859 200.54	3874 431.75	3889 663.03	3904 894.39
2 22 30	3844 213.03	3859 443.87	3874 674.80	3889 905.79	3905 136.85
2 25 00	3844 460.95	3859 691.51	3874 922.14	3890 152.84	3905 383.62
2 27 30	3844 713.20	3859 943.45	3875 173.78	3890 404.19	3905 634.66
2 30 00	3844 969.75	3860 199.70	3875 429.74	3890 659.83	3905 890.00
2 32 30	3845 230.62	3860 460.26	3875 689.98	3890 919.77	3906 149.64
2 35 00	3845 495.79	3860 725.13	3875 954.54	3891 184.01	3906 413.56
2 37 30	3845 765.28	3860 994.30	3876 223.39	3891 452.55	3906 681.78
2 40 00	3846 039.08	3861 267.78	3876 496.55	3891 725.38	3906 954.28
2 42 30	3846 317.20	3861 545.56	3876 774.00	3892 002.51	3907 231.09
2 45 00	3846 599.62	3861 827.66	3877 055.77	3892 283.94	3907 512.18
2 47 30	3846 886.36	3862 114.06	3877 341.82	3892 569.66	3907 797.56
2 50 00	3847 177.41	3862 404.76	3877 632.19	3892 859.68	3908 087.24
2 52 30	3847 472.77	3862 699.78	3877 926.86	3893 154.00	3908 381.20
2 55 00	3847 772.45	3862 999.10	3878 225.83	3893 452.61	3908 679.46
2 57 30	3848 076.44	3863 302.73	3878 529.09	3893 755.52	3908 982.01
3 00 00	3848 384.73	3863 610.67	3878 836.67	3894 062.73	3909 288.85

Second-difference correction to y for indicated value of k (for all Δλ's)

k	0" 150"	5" 145"	10" 140"	15" 135"	20" 130"	25" 125"	30" 120"	35" 115"	40" 110"	45" 105"	50" 100"	55" 95"	60" 90"	65" 85"	70" 80"	75" 75"
Correction	-.01	-.08	-.14	-.20	-.25	-.30	-.35	-.39	-.42	-.45	-.48	-.50	-.52	-.53	-.54	-.54

Correction for h is negligible

ALASKA – ZONES 2 TO 9
STATE PLANE COORDINATES IN FEET – X'

Δλ \ φ	64 40 00	64 42 30	64 45 00	64 47 30	64 50 00
0 00 00	0.00	0.00	0.00	0.00	0.00
0 02 30	6 528.83	6 518.81	6 508.79	6 498.76	6 488.73
0 05 00	13 057.65	13 037.62	13 017.57	12 997.52	12 977.46
0 07 30	19 586.48	19 556.42	19 526.36	19 496.28	19 466.19
0 10 00	26 115.29	26 075.22	26 035.13	25 995.03	25 954.91
0 12 30	32 644.10	32 594.01	32 543.89	32 493.77	32 443.62
0 15 00	39 172.89	39 112.78	39 052.65	38 992.50	38 932.32
0 17 30	45 701.68	45 631.55	45 561.39	45 491.21	45 421.01
0 20 00	52 230.44	52 150.30	52 070.12	51 989.92	51 909.69
0 22 30	58 759.19	58 669.03	58 578.83	58 488.60	58 398.34
0 25 00	65 287.92	65 187.74	65 087.52	64 987.27	64 886.98
0 27 30	71 816.63	71 706.43	71 596.19	71 485.91	71 375.59
0 30 00	78 345.31	78 225.09	78 104.83	77 984.53	77 864.18
0 32 30	84 873.97	84 743.73	84 613.45	84 483.12	84 352.74
0 35 00	91 402.60	91 262.34	91 122.04	90 981.68	90 841.28
0 37 30	97 931.20	97 780.92	97 630.59	97 480.21	97 329.78
0 40 00	104 459.76	104 299.47	104 139.12	103 978.71	103 818.25
0 42 30	110 988.30	110 817.98	110 647.61	110 477.18	110 306.69
0 45 00	117 516.79	117 336.46	117 156.06	116 975.60	116 795.08
0 47 30	124 045.24	123 854.89	123 664.47	123 473.99	123 283.44
0 50 00	130 573.66	130 373.29	130 172.85	129 972.34	129 771.76
0 52 30	137 102.03	136 891.64	136 681.17	136 470.64	136 260.03
0 55 00	143 630.35	143 409.94	143 189.46	142 968.90	142 748.26
0 57 30	150 158.62	149 928.20	149 697.69	149 467.11	149 236.44
1 00 00	156 686.85	156 446.40	156 205.88	155 965.27	155 724.57
1 02 30	163 215.02	162 964.56	162 714.01	162 463.37	162 212.65
1 05 00	169 743.13	169 482.65	169 222.08	168 961.42	168 700.67
1 07 30	176 271.20	176 000.70	175 730.10	175 459.42	175 188.64
1 10 00	182 799.19	182 518.68	182 238.06	181 957.35	181 676.54
1 12 30	189 327.14	189 036.60	188 745.96	188 455.23	188 164.38
1 15 00	195 855.01	195 554.46	195 253.80	194 953.04	194 652.17
1 17 30	202 382.82	202 072.25	201 761.57	201 450.78	201 139.88
1 20 00	208 910.57	208 589.98	208 269.27	207 948.46	207 627.53
1 22 30	215 438.24	215 107.63	214 776.90	214 446.06	214 115.11
1 25 00	221 965.84	221 625.21	221 284.46	220 943.60	220 602.61
1 27 30	228 493.37	228 142.72	227 791.95	227 441.06	227 090.04
1 30 00	235 020.81	234 660.15	234 299.36	233 938.44	233 577.39
1 32 30	241 548.18	241 177.50	240 806.68	240 435.74	240 064.67
1 35 00	248 075.47	247 694.77	247 313.93	246 932.97	246 551.86
1 37 30	254 602.68	254 211.96	253 821.10	253 430.11	253 038.98
1 40 00	261 129.80	260 729.07	260 328.18	259 927.16	259 526.00
1 42 30	267 656.84	267 246.08	266 835.17	266 424.13	266 012.94
1 45 00	274 183.78	273 763.00	273 342.07	272 921.01	272 499.79
1 47 30	280 710.64	280 279.84	279 848.89	279 417.79	278 986.54
1 50 00	287 237.39	286 796.58	286 355.61	285 914.48	285 473.21
1 52 30	293 764.05	293 313.22	292 862.22	292 411.08	291 959.77
1 55 00	300 290.62	299 829.76	299 368.75	298 907.57	298 446.23
1 57 30	306 817.08	306 346.21	305 875.17	305 403.97	304 932.60
2 00 00	313 343.44	312 862.55	312 381.49	311 900.26	311 418.86
2 02 30	319 869.70	319 378.79	318 887.70	318 396.45	317 905.02
2 05 00	326 395.84	325 894.91	325 393.81	324 892.53	324 391.07
2 07 30	332 921.88	332 410.93	331 899.80	331 388.50	330 877.02
2 10 00	339 447.81	338 926.84	338 405.69	337 884.36	337 362.85
2 12 30	345 973.62	345 442.63	344 911.46	344 380.10	343 848.56
2 15 00	352 499.31	351 958.31	351 417.11	350 875.73	350 334.16
2 17 30	359 024.90	358 473.87	357 922.65	357 371.24	356 819.64
2 20 00	365 550.35	364 989.31	364 428.06	363 866.63	363 305.00
2 22 30	372 075.69	371 504.62	370 933.36	370 361.90	369 790.23
2 25 00	378 600.90	378 019.82	377 438.53	376 857.04	376 275.35
2 27 30	385 125.98	384 534.88	383 943.57	383 352.06	382 760.33
2 30 00	391 650.94	391 049.81	390 448.48	389 846.94	389 245.19
2 32 30	398 175.76	397 564.62	396 953.26	396 341.70	395 729.91
2 35 00	404 700.45	404 079.29	403 457.91	402 836.32	402 214.50
2 37 30	411 225.00	410 593.82	409 962.42	409 330.80	408 698.96
2 40 00	417 749.42	417 108.22	416 466.79	415 825.15	415 183.28
2 42 30	424 273.69	423 622.48	422 971.03	422 319.36	421 667.46
2 45 00	430 797.82	430 136.59	429 475.12	428 813.42	428 151.49
2 47 30	437 321.81	436 650.55	435 979.06	435 307.34	434 635.38
2 50 00	443 845.65	443 164.38	442 482.86	441 801.11	441 119.12
2 52 30	450 369.35	449 678.05	448 986.51	448 294.74	447 602.72
2 55 00	456 892.89	456 191.57	455 490.01	454 788.21	454 086.16
2 57 30	463 416.27	462 704.94	461 993.36	461 281.53	460 569.45
3 00 00	469 939.51	469 218.16	468 496.54	467 774.69	467 052.58

Second-difference correction to x' for indicated values of h and Δλ

Δλ \ h	0" 150"	15" 135"	30" 120"	45" 105"	60" 90"	75" 75"
0°	0	0	0	0	0	0
1°	0	+.01	+.01	+.01	+.02	+.02
2°	+.01	+.02	+.02	+.03	+.03	+.03
3°	+.01	+.03	+.04	+.04	+.04	+.05

Correction for k is negligible

ALASKA – ZONES 2 TO 9
STATE PLANE COORDINATES IN FEET – Y

Δλ \ φ	64 40 00	64 42 30	64 45 00	64 47 30	64 50 00
0 00 00	3898 165.52	3913 404.97	3928 644.50	3943 884.12	3959 123.83
0 02 30	3898 167.67	3913 407.11	3928 646.64	3943 886.26	3959 125.97
0 05 00	3898 174.11	3913 413.54	3928 653.07	3943 892.68	3959 132.37
0 07 30	3898 184.83	3913 424.26	3928 663.77	3943 903.37	3959 143.05
0 10 00	3898 199.85	3913 439.26	3928 678.75	3943 918.33	3959 158.00
0 12 30	3898 219.17	3913 458.54	3928 698.02	3943 937.57	3959 177.22
0 15 00	3898 242.77	3913 482.12	3928 721.56	3943 961.09	3959 200.71
0 17 30	3898 270.66	3913 509.98	3928 749.39	3943 988.88	3959 228.47
0 20 00	3898 302.85	3913 542.13	3928 781.50	3944 020.95	3959 260.50
0 22 30	3898 339.32	3913 578.56	3928 817.89	3944 057.30	3959 296.80
0 25 00	3898 380.09	3913 619.28	3928 858.56	3944 097.92	3959 337.37
0 27 30	3898 425.15	3913 664.28	3928 903.51	3944 142.82	3959 382.22
0 30 00	3898 474.50	3913 713.57	3928 952.74	3944 191.99	3959 431.33
0 32 30	3898 528.14	3913 767.15	3929 006.26	3944 245.44	3959 484.72
0 35 00	3898 586.07	3913 825.02	3929 064.05	3944 303.17	3959 542.37
0 37 30	3898 648.29	3913 887.17	3929 126.12	3944 365.17	3959 604.30
0 40 00	3898 714.81	3913 953.60	3929 192.48	3944 431.44	3959 670.50
0 42 30	3898 785.62	3914 024.32	3929 263.12	3944 502.00	3959 740.96
0 45 00	3898 860.72	3914 099.33	3929 338.04	3944 576.83	3959 815.71
0 47 30	3898 940.11	3914 178.63	3929 417.24	3944 655.93	3959 894.71
0 50 00	3899 023.79	3914 262.21	3929 500.72	3944 739.31	3959 977.99
0 52 30	3899 111.76	3914 350.08	3929 588.49	3944 826.97	3960 065.55
0 55 00	3899 204.03	3914 442.23	3929 680.53	3944 918.91	3960 157.37
0 57 30	3899 300.58	3914 538.67	3929 776.85	3945 015.11	3960 253.47
1 00 00	3899 401.42	3914 639.40	3929 877.46	3945 115.60	3960 353.83
1 02 30	3899 506.56	3914 744.41	3929 982.35	3945 220.36	3960 458.47
1 05 00	3899 615.99	3914 853.71	3930 091.51	3945 329.40	3960 567.37
1 07 30	3899 729.71	3914 967.29	3930 204.96	3945 442.71	3960 680.55
1 10 00	3899 847.72	3915 085.16	3930 322.69	3945 560.30	3960 798.00
1 12 30	3899 970.02	3915 207.32	3930 444.70	3945 682.17	3960 919.72
1 15 00	3900 096.62	3915 333.76	3930 571.00	3945 808.31	3961 045.71
1 17 30	3900 227.51	3915 464.50	3930 701.57	3945 938.73	3961 175.97
1 20 00	3900 362.68	3915 599.51	3930 836.43	3946 073.42	3961 310.50
1 22 30	3900 502.15	3915 738.82	3930 975.56	3946 212.39	3961 449.30
1 25 00	3900 645.91	3915 882.40	3931 118.98	3946 355.63	3961 592.37
1 27 30	3900 793.96	3916 030.28	3931 266.68	3946 503.16	3961 739.72
1 30 00	3900 946.31	3916 182.44	3931 418.66	3946 654.95	3961 891.33
1 32 30	3901 102.94	3916 338.89	3931 574.92	3946 811.03	3962 047.22
1 35 00	3901 263.87	3916 499.62	3931 735.46	3946 971.38	3962 207.38
1 37 30	3901 429.09	3916 664.64	3931 900.29	3947 136.00	3962 371.81
1 40 00	3901 598.59	3916 833.95	3932 069.39	3947 304.91	3962 540.50
1 42 30	3901 772.40	3917 007.55	3932 242.78	3947 478.08	3962 713.48
1 45 00	3901 950.49	3917 185.43	3932 420.44	3947 655.54	3962 890.72
1 47 30	3902 132.87	3917 367.59	3932 602.39	3947 837.27	3963 072.22
1 50 00	3902 319.55	3917 554.04	3932 788.62	3948 023.28	3963 258.01
1 52 30	3902 510.51	3917 744.78	3932 979.13	3948 213.56	3963 448.06
1 55 00	3902 705.77	3917 939.81	3933 173.92	3948 408.12	3963 642.39
1 57 30	3902 905.32	3918 139.12	3933 373.00	3948 606.95	3963 840.99
2 00 00	3903 109.16	3918 342.72	3933 576.35	3948 810.06	3964 043.85
2 02 30	3903 317.30	3918 550.60	3933 783.99	3949 017.45	3964 250.99
2 05 00	3903 529.72	3918 762.78	3933 995.91	3949 229.12	3964 462.40
2 07 30	3903 746.44	3918 979.24	3934 212.10	3949 445.05	3964 678.08
2 10 00	3903 967.44	3919 199.98	3934 432.59	3949 665.27	3964 898.03
2 12 30	3904 192.74	3919 425.01	3934 657.35	3949 889.76	3965 122.25
2 15 00	3904 422.34	3919 654.33	3934 886.39	3950 118.53	3965 350.75
2 17 30	3904 656.22	3919 887.93	3935 119.72	3950 351.58	3965 583.51
2 20 00	3904 894.39	3920 125.82	3935 357.32	3950 588.90	3965 820.55
2 22 30	3905 136.85	3920 368.00	3935 599.21	3950 830.49	3966 061.85
2 25 00	3905 383.62	3920 614.46	3935 845.38	3951 076.37	3966 307.43
2 27 30	3905 634.66	3920 865.21	3936 095.83	3951 326.52	3966 557.28
2 30 00	3905 890.00	3921 120.25	3936 350.56	3951 580.94	3966 811.40
2 32 30	3906 149.64	3921 379.57	3936 609.57	3951 839.65	3967 069.79
2 35 00	3906 413.56	3921 643.18	3936 872.87	3952 102.63	3967 332.46
2 37 30	3906 681.78	3921 911.08	3937 140.44	3952 369.88	3967 599.39
2 40 00	3906 954.28	3922 183.26	3937 412.30	3952 641.41	3967 870.59
2 42 30	3907 231.09	3922 459.73	3937 688.44	3952 917.22	3968 146.07
2 45 00	3907 512.18	3922 740.48	3937 968.86	3953 197.31	3968 425.82
2 47 30	3907 797.56	3923 025.53	3938 253.56	3953 481.67	3968 709.83
2 50 00	3908 087.24	3923 314.86	3938 542.55	3953 770.30	3968 998.12
2 52 30	3908 381.20	3923 608.47	3938 835.81	3954 063.22	3969 290.68
2 55 00	3908 679.46	3923 906.38	3939 133.36	3954 360.41	3969 587.52
2 57 30	3908 982.01	3924 208.57	3939 435.19	3954 661.87	3969 888.62
3 00 00	3909 288.85	3924 515.04	3939 741.30	3954 967.61	3970 194.00

Second-difference correction to y for indicated value of k (for all Δλ's)

k	0" 150"	5" 145"	10" 140"	15" 135"	20" 130"	25" 125"	30" 120"	35" 115"	40" 110"	45" 105"	50" 100"	55" 95"	60" 90"	65" 85"	70" 80"	75" 75"
Correction	-.01	-.08	-.14	-.20	-.25	-.30	-.35	-.39	-.42	-.45	-.48	-.50	-.52	-.53	-.54	-.54

Correction for h is negligible

ALASKA – ZONES 2 TO 9
STATE PLANE COORDINATES IN FEET – X'

Δλ \ φ	64 50 00	64 52 30	64 55 00	64 57 30	65 00 00
0 00 00	0.00	0.00	0.00	0.00	0.00
0 02 30	6 488.73	6 478.70	6 468.66	6 458.63	6 448.58
0 05 00	12 977.46	12 957.40	12 937.33	12 917.25	12 897.16
0 07 30	19 466.19	19 436.10	19 405.99	19 375.87	19 345.74
0 10 00	25 954.91	25 914.78	25 874.64	25 834.48	25 794.31
0 12 30	32 443.62	32 393.46	32 343.28	32 293.09	32 242.87
0 15 00	38 932.32	38 872.13	38 811.92	38 751.68	38 691.42
0 17 30	45 421.01	45 350.79	45 280.54	45 210.26	45 139.96
0 20 00	51 909.69	51 829.43	51 749.14	51 668.82	51 588.48
0 22 30	58 398.34	58 308.05	58 217.72	58 127.37	58 036.99
0 25 00	64 886.98	64 786.65	64 686.29	64 585.90	64 485.47
0 27 30	71 375.59	71 265.23	71 154.84	71 044.41	70 933.93
0 30 00	77 864.18	77 743.79	77 623.36	77 502.89	77 382.37
0 32 30	84 352.74	84 222.32	84 091.85	83 961.34	83 830.78
0 35 00	90 841.28	90 700.82	90 560.32	90 419.77	90 279.17
0 37 30	97 329.78	97 179.29	97 028.75	96 878.16	96 727.52
0 40 00	103 818.25	103 657.73	103 497.16	103 336.53	103 175.84
0 42 30	110 306.69	110 136.13	109 965.52	109 794.86	109 624.13
0 45 00	116 795.08	116 614.50	116 433.86	116 253.15	116 072.38
0 47 30	123 283.44	123 092.83	122 902.15	122 711.40	122 520.58
0 50 00	129 771.76	129 571.11	129 370.39	129 169.61	128 968.75
0 52 30	136 260.03	136 049.35	135 838.60	135 627.77	135 416.87
0 55 00	142 748.26	142 527.55	142 306.76	142 085.89	141 864.95
0 57 30	149 236.44	149 005.70	148 774.87	148 543.96	148 312.98
1 00 00	155 724.57	155 483.79	155 242.93	155 001.99	154 760.96
1 02 30	162 212.65	161 961.84	161 710.94	161 459.96	161 208.88
1 05 00	168 700.67	168 439.83	168 178.89	167 917.87	167 656.75
1 07 30	175 188.64	174 917.76	174 646.79	174 375.73	174 104.57
1 10 00	181 676.54	181 395.63	181 114.62	180 833.53	180 552.32
1 12 30	188 164.38	187 873.45	187 582.40	187 291.26	187 000.02
1 15 00	194 652.17	194 351.19	194 050.11	193 748.93	193 447.64
1 17 30	201 139.88	200 828.88	200 517.76	200 206.54	199 895.21
1 20 00	207 627.53	207 306.49	206 985.34	206 664.08	206 342.71
1 22 30	214 115.11	213 784.04	213 452.85	213 121.55	212 790.13
1 25 00	220 602.61	220 261.51	219 920.29	219 578.95	219 237.49
1 27 30	227 090.04	226 738.91	226 387.65	226 036.27	225 684.77
1 30 00	233 577.39	233 216.22	232 854.93	232 493.51	232 131.97
1 32 30	240 064.67	239 693.47	239 322.14	238 950.68	238 579.09
1 35 00	246 551.86	246 170.63	245 789.26	245 407.77	245 026.13
1 37 30	253 038.98	252 647.71	252 256.30	251 864.77	251 473.09
1 40 00	259 526.00	259 124.70	258 723.26	258 321.68	257 919.97
1 42 30	266 012.94	265 601.60	265 190.13	264 778.51	264 366.75
1 45 00	272 499.79	272 078.42	271 656.91	271 235.25	270 813.45
1 47 30	278 986.54	278 555.14	278 123.59	277 691.90	277 260.05
1 50 00	285 473.21	285 031.78	284 590.19	284 148.45	283 706.56
1 52 30	291 959.77	291 508.30	291 056.68	290 604.91	290 152.98
1 55 00	298 446.23	297 984.74	297 523.08	297 061.27	296 599.29
1 57 30	304 932.60	304 461.07	303 989.38	303 517.52	303 045.50
2 00 00	311 418.86	310 937.30	310 455.57	309 973.68	309 491.62
2 02 30	317 905.02	317 413.43	316 921.66	316 429.73	315 937.62
2 05 00	324 391.07	323 889.44	323 387.64	322 885.67	322 383.52
2 07 30	330 877.02	330 365.35	329 853.52	329 341.50	328 829.31
2 10 00	337 362.85	336 841.15	336 319.27	335 797.22	335 274.98
2 12 30	343 848.56	343 316.83	342 784.92	342 252.83	341 720.55
2 15 00	350 334.16	349 792.40	349 250.45	348 708.32	348 165.99
2 17 30	356 819.64	356 267.85	355 715.86	355 163.69	354 611.32
2 20 00	363 305.00	362 743.17	362 181.15	361 618.94	361 056.53
2 22 30	369 790.23	369 218.38	368 646.32	368 074.07	367 501.61
2 25 00	376 275.35	375 693.45	375 111.36	374 529.07	373 946.57
2 27 30	382 760.33	382 168.41	381 576.28	380 983.95	380 391.40
2 30 00	389 245.19	388 643.23	388 041.06	387 438.69	386 836.11
2 32 30	395 729.91	395 117.92	394 505.72	393 893.31	393 280.68
2 35 00	402 214.50	401 592.48	400 970.24	400 347.79	399 725.11
2 37 30	408 698.96	408 066.91	407 434.63	406 802.14	406 169.42
2 40 00	415 183.28	414 541.19	413 898.87	413 256.34	412 613.58
2 42 30	421 667.46	421 015.33	420 362.98	419 710.40	419 057.60
2 45 00	428 151.49	427 489.33	426 826.94	426 164.33	425 501.48
2 47 30	434 635.38	433 963.19	433 290.76	432 618.11	431 945.22
2 50 00	441 119.12	440 436.90	439 754.44	439 071.74	438 388.81
2 52 30	447 602.72	446 910.46	446 217.96	445 525.22	444 832.25
2 55 00	454 086.16	453 383.87	452 681.33	451 978.56	451 275.53
2 57 30	460 569.45	459 857.12	459 144.55	458 431.73	457 718.67
3 00 00	467 052.58	466 330.22	465 607.61	464 884.76	464 161.65

Second-difference correction to x' for indicated values of h and Δλ

Δλ \ h	0" 150"	15" 135"	30" 120"	45" 105"	60" 90"	75" 75"
0°	0	0	0	0	0	0
1°	0	+.01	+.01	+.01	+.02	+.02
2°	+.01	+.02	+.02	+.03	+.03	+.03
3°	+.01	+.03	+.04	+.04	+.04	+.05

Correction for k is negligible

ALASKA – ZONES 2 TO 9
STATE PLANE COORDINATES IN FEET – Y

Δλ \ φ	64 50 00	64 52 30	64 55 00	64 57 30	65 00 00
0 00 00	3959 123.83	3974 363.63	3989 603.51	4004 843.48	4020 083.53
0 02 30	3959 125.97	3974 365.76	3989 605.64	4004 845.61	4020 085.66
0 05 00	3959 132.37	3974 372.16	3989 612.03	4004 851.99	4020 092.03
0 07 30	3959 143.05	3974 382.82	3989 622.68	4004 862.63	4020 102.66
0 10 00	3959 158.00	3974 397.75	3989 637.59	4004 877.52	4020 117.53
0 12 30	3959 177.22	3974 416.95	3989 656.77	4004 896.67	4020 136.66
0 15 00	3959 200.71	3974 440.41	3989 680.20	4004 920.07	4020 160.03
0 17 30	3959 228.47	3974 468.13	3989 707.89	4004 947.73	4020 187.66
0 20 00	3959 260.50	3974 500.13	3989 739.84	4004 979.65	4020 219.54
0 22 30	3959 296.80	3974 536.38	3989 776.06	4005 015.82	4020 255.66
0 25 00	3959 337.37	3974 576.91	3989 816.53	4005 056.24	4020 296.04
0 27 30	3959 382.22	3974 621.70	3989 861.27	4005 100.92	4020 340.67
0 30 00	3959 431.33	3974 670.75	3989 910.27	4005 149.86	4020 389.54
0 32 30	3959 484.72	3974 724.07	3989 963.52	4005 203.05	4020 442.67
0 35 00	3959 542.37	3974 781.66	3990 021.04	4005 260.50	4020 500.05
0 37 30	3959 604.30	3974 843.51	3990 082.82	4005 322.20	4020 561.68
0 40 00	3959 670.50	3974 909.63	3990 148.86	4005 388.16	4020 627.55
0 42 30	3959 740.96	3974 980.02	3990 219.15	4005 458.37	4020 697.68
0 45 00	3959 815.71	3975 054.66	3990 293.71	4005 532.84	4020 772.06
0 47 30	3959 894.71	3975 133.58	3990 372.53	4005 611.57	4020 850.68
0 50 00	3959 977.99	3975 216.76	3990 455.61	4005 694.54	4020 933.57
0 52 30	3960 065.55	3975 304.20	3990 542.95	4005 781.78	4021 020.69
0 55 00	3960 157.37	3975 395.92	3990 634.56	4005 873.27	4021 112.07
0 57 30	3960 253.47	3975 491.90	3990 730.42	4005 969.02	4021 207.71
1 00 00	3960 353.83	3975 592.14	3990 830.54	4006 069.02	4021 307.58
1 02 30	3960 458.47	3975 696.65	3990 934.92	4006 173.27	4021 411.71
1 05 00	3960 567.37	3975 805.42	3991 043.57	4006 281.79	4021 520.09
1 07 30	3960 680.55	3975 918.47	3991 156.47	4006 394.55	4021 632.72
1 10 00	3960 798.00	3976 035.77	3991 273.63	4006 511.57	4021 749.60
1 12 30	3960 919.72	3976 157.35	3991 395.06	4006 632.86	4021 870.73
1 15 00	3961 045.71	3976 283.18	3991 520.74	4006 758.39	4021 996.11
1 17 30	3961 175.97	3976 413.28	3991 650.69	4006 888.18	4022 125.74
1 20 00	3961 310.50	3976 547.65	3991 784.90	4007 022.22	4022 259.63
1 22 30	3961 449.30	3976 686.29	3991 923.37	4007 160.52	4022 397.76
1 25 00	3961 592.37	3976 829.19	3992 066.09	4007 303.07	4022 540.14
1 27 30	3961 739.72	3976 976.36	3992 213.08	4007 449.88	4022 686.77
1 30 00	3961 891.33	3977 127.79	3992 364.33	4007 600.95	4022 837.65
1 32 30	3962 047.22	3977 283.49	3992 519.84	4007 756.27	4022 992.78
1 35 00	3962 207.38	3977 443.45	3992 679.61	4007 915.85	4023 152.17
1 37 30	3962 371.81	3977 607.68	3992 843.64	4008 079.68	4023 315.80
1 40 00	3962 540.50	3977 776.18	3993 011.93	4008 247.77	4023 483.68
1 42 30	3962 713.48	3977 948.94	3993 184.49	4008 420.11	4023 655.82
1 45 00	3962 890.72	3978 125.96	3993 361.30	4008 596.71	4023 832.20
1 47 30	3963 072.22	3978 307.26	3993 542.38	4008 777.57	4024 012.83
1 50 00	3963 258.01	3978 492.82	3993 727.71	4008 962.67	4024 197.72
1 52 30	3963 448.06	3978 682.65	3993 917.30	4009 152.04	4024 386.86
1 55 00	3963 642.39	3978 876.74	3994 111.16	4009 345.66	4024 580.24
1 57 30	3963 840.99	3979 075.09	3994 309.28	4009 543.54	4024 777.88
2 00 00	3964 043.85	3979 277.71	3994 511.66	4009 745.67	4024 979.76
2 02 30	3964 250.99	3979 484.60	3994 718.29	4009 952.06	4025 185.90
2 05 00	3964 462.40	3979 695.76	3994 929.19	4010 162.70	4025 396.29
2 07 30	3964 678.08	3979 911.18	3995 144.35	4010 377.60	4025 610.92
2 10 00	3964 898.03	3980 130.86	3995 363.77	4010 596.75	4025 829.81
2 12 30	3965 122.25	3980 354.81	3995 587.45	4010 820.16	4026 052.94
2 15 00	3965 350.75	3980 583.03	3995 815.39	4011 047.83	4026 280.34
2 17 30	3965 583.51	3980 815.52	3996 047.60	4011 279.75	4026 511.97
2 20 00	3965 820.55	3981 052.26	3996 284.06	4011 515.92	4026 747.86
2 22 30	3966 061.85	3981 293.28	3996 524.79	4011 756.36	4026 988.00
2 25 00	3966 307.43	3981 538.56	3996 769.77	4012 001.05	4027 232.39
2 27 30	3966 557.28	3981 788.11	3997 019.02	4012 249.99	4027 481.03
2 30 00	3966 811.40	3982 041.92	3997 272.52	4012 503.19	4027 733.92
2 32 30	3967 069.79	3982 300.00	3997 530.29	4012 760.64	4027 991.06
2 35 00	3967 332.46	3982 562.35	3997 792.32	4013 022.35	4028 252.46
2 37 30	3967 599.39	3982 828.96	3998 058.61	4013 288.32	4028 518.10
2 40 00	3967 870.59	3983 099.84	3998 329.16	4013 558.54	4028 787.99
2 42 30	3968 146.07	3983 374.98	3998 603.97	4013 833.02	4029 062.14
2 45 00	3968 425.82	3983 654.39	3998 883.04	4014 111.75	4029 340.53
2 47 30	3968 709.83	3983 938.07	3999 166.37	4014 394.74	4029 623.17
2 50 00	3968 998.12	3984 226.01	3999 453.97	4014 681.99	4029 910.07
2 52 30	3969 290.68	3984 518.22	3999 745.82	4014 973.48	4030 201.21
2 55 00	3969 587.52	3984 814.69	4000 041.93	4015 269.24	4030 496.61
2 57 30	3969 888.62	3985 115.43	4000 342.31	4015 569.25	4030 796.26
3 00 00	3970 194.00	3985 420.44	4000 646.95	4015 873.52	4031 100.15

Second-difference correction to y for indicated value of k (for all Δλ's)

k	0" 150"	5" 145"	10" 140"	15" 135"	20" 130"	25" 125"	30" 120"	35" 115"	40" 110"	45" 105"	50" 100"	55" 95"	60" 90"	65" 85"	70" 80"	75" 75"
Correction	-.01	-.08	-.14	-.20	-.25	-.30	-.35	-.39	-.42	-.45	-.48	-.50	-.52	-.53	-.54	-.54

Correction for h is negligible

ALASKA – ZONES 2 TO 9
STATE PLANE COORDINATES IN FEET – X'

Δλ \ φ	65 00 00	65 02 30	65 05 00	65 07 30	65 10 00
0 00 00	0.00	0.00	0.00	0.00	0.00
0 02 30	6 448.58	6 438.54	6 428.49	6 418.44	6 408.38
0 05 00	12 897.16	12 877.07	12 856.97	12 836.86	12 816.75
0 07 30	19 345.74	19 315.60	19 285.45	19 255.29	19 225.12
0 10 00	25 794.31	25 754.12	25 713.93	25 673.72	25 633.49
0 12 30	32 242.87	32 192.64	32 142.39	32 092.13	32 041.84
0 15 00	38 691.42	38 631.15	38 570.85	38 510.53	38 450.19
0 17 30	45 139.96	45 069.64	44 999.29	44 928.92	44 858.52
0 20 00	51 588.48	51 508.11	51 427.72	51 347.29	51 266.84
0 22 30	58 036.99	57 946.57	57 856.12	57 765.65	57 675.13
0 25 00	64 485.47	64 385.01	64 284.51	64 183.98	64 083.42
0 27 30	70 933.93	70 823.42	70 712.88	70 602.29	70 491.67
0 30 00	77 382.37	77 261.82	77 141.22	77 020.58	76 899.91
0 32 30	83 830.78	83 700.18	83 569.53	83 438.85	83 308.11
0 35 00	90 279.17	90 138.52	89 997.82	89 857.08	89 716.29
0 37 30	96 727.52	96 576.83	96 426.08	96 275.28	96 124.43
0 40 00	103 175.84	103 015.10	102 854.31	102 693.46	102 532.55
0 42 30	109 624.13	109 453.34	109 282.49	109 111.59	108 940.63
0 45 00	116 072.38	115 891.54	115 710.65	115 529.69	115 348.67
0 47 30	122 520.58	122 329.70	122 138.76	121 947.75	121 756.67
0 50 00	128 968.75	128 767.82	128 566.83	128 365.77	128 164.63
0 52 30	135 416.87	135 205.90	134 994.86	134 783.74	134 572.55
0 55 00	141 864.95	141 643.93	141 422.84	141 201.67	140 980.42
0 57 30	148 312.98	148 081.92	147 850.77	147 619.55	147 388.25
1 00 00	154 760.96	154 519.85	154 278.65	154 037.38	153 796.01
1 02 30	161 208.88	160 957.73	160 706.48	160 455.15	160 203.73
1 05 00	167 656.75	167 395.55	167 134.26	166 872.87	166 611.40
1 07 30	174 104.57	173 833.32	173 561.98	173 290.54	173 019.01
1 10 00	180 552.32	180 271.03	179 989.63	179 708.14	179 426.56
1 12 30	187 000.02	186 708.67	186 417.23	186 125.69	185 834.04
1 15 00	193 447.64	193 146.26	192 844.77	192 543.17	192 241.47
1 17 30	199 895.21	199 583.78	199 272.23	198 960.58	198 648.83
1 20 00	206 342.71	206 021.23	205 699.63	205 377.93	205 056.12
1 22 30	212 790.13	212 458.61	212 126.96	211 795.20	211 463.34
1 25 00	219 237.49	218 895.91	218 554.22	218 212.41	217 870.48
1 27 30	225 684.77	225 333.15	224 981.40	224 629.54	224 277.55
1 30 00	232 131.97	231 770.30	231 408.51	231 046.59	230 684.55
1 32 30	238 579.09	238 207.37	237 835.53	237 463.56	237 091.46
1 35 00	245 026.13	244 644.37	244 262.48	243 880.45	243 498.30
1 37 30	251 473.09	251 081.28	250 689.34	250 297.27	249 905.05
1 40 00	257 919.97	257 518.11	257 116.12	256 713.99	256 311.72
1 42 30	264 366.75	263 954.85	263 542.81	263 130.63	262 718.30
1 45 00	270 813.45	270 391.50	269 969.41	269 547.17	269 124.79
1 47 30	277 260.05	276 828.06	276 395.92	275 963.63	275 531.18
1 50 00	283 706.56	283 264.53	282 822.33	282 379.98	281 937.49
1 52 30	290 152.98	289 700.89	289 248.64	288 796.25	288 343.69
1 55 00	296 599.29	296 137.15	295 674.86	295 212.41	294 749.80
1 57 30	303 045.50	302 573.32	302 100.98	301 628.47	301 155.81
2 00 00	309 491.62	309 009.39	308 527.00	308 044.43	307 561.71
2 02 30	315 937.62	315 445.35	314 952.91	314 460.29	313 967.51
2 05 00	322 383.52	321 881.20	321 378.70	320 876.04	320 373.20
2 07 30	328 829.31	328 316.94	327 804.39	327 291.67	326 778.78
2 10 00	335 274.98	334 752.57	334 229.97	333 707.20	333 184.25
2 12 30	341 720.55	341 188.09	340 655.44	340 122.61	339 589.61
2 15 00	348 165.99	347 623.48	347 080.79	346 537.91	345 994.84
2 17 30	354 611.32	354 058.77	353 506.02	352 953.08	352 399.96
2 20 00	361 056.53	360 493.92	359 931.13	359 368.14	358 804.96
2 22 30	367 501.61	366 928.96	366 356.12	365 783.08	365 209.84
2 25 00	373 946.57	373 363.88	372 780.98	372 197.89	371 614.59
2 27 30	380 391.40	379 798.66	379 205.71	378 612.56	378 019.21
2 30 00	386 836.11	386 233.32	385 630.32	385 027.12	384 423.71
2 32 30	393 280.68	392 667.84	392 054.80	391 441.54	390 828.07
2 35 00	399 725.11	399 102.23	398 479.13	397 855.82	397 232.30
2 37 30	406 169.42	405 536.49	404 903.34	404 269.97	403 636.39
2 40 00	412 613.58	411 970.60	411 327.41	410 683.99	410 040.34
2 42 30	419 057.60	418 404.58	417 751.33	417 097.86	416 444.16
2 45 00	425 501.48	424 838.42	424 175.12	423 511.59	422 847.83
2 47 30	431 945.22	431 272.10	430 598.75	429 925.17	429 251.36
2 50 00	438 388.81	437 705.64	437 022.24	436 338.61	435 654.74
2 52 30	444 832.25	444 139.03	443 445.59	442 751.89	442 057.97
2 55 00	451 275.53	450 572.27	449 868.78	449 165.03	448 461.05
2 57 30	457 718.67	457 005.36	456 291.81	455 578.01	454 863.97
3 00 00	464 161.65	463 438.29	462 714.69	461 990.84	461 266.74

Second-difference correction to x' for indicated values of h and Δλ

Δλ \ h	0" 150"	15" 135"	30" 120"	45" 105"	60" 90"	75" 75"
0°	0	0	0	0	0	0
1°	0	+.01	+.01	+.01	+.02	+.02
2°	+.01	+.02	+.02	+.03	+.03	+.03
3°	+.01	+.03	+.04	+.04	+.04	+.05

Correction for k is negligible

ALASKA – ZONES 2 TO 9
STATE PLANE COORDINATES IN FEET – Y

Δλ \ φ	65 00 00	65 02 30	65 05 00	65 07 30	65 10 00
0 00 00	4020 083.53	4035 323.68	4050 563.90	4065 804.22	4081 044.63
0 02 30	4020 085.66	4035 325.80	4050 566.02	4065 806.34	4081 046.74
0 05 00	4020 092.03	4035 332.17	4050 572.38	4065 812.69	4081 053.08
0 07 30	4020 102.66	4035 342.78	4050 582.98	4065 823.28	4081 063.66
0 10 00	4020 117.53	4035 357.64	4050 597.82	4065 838.10	4081 078.46
0 12 30	4020 136.66	4035 376.74	4050 616.90	4065 857.15	4081 097.49
0 15 00	4020 160.03	4035 400.09	4050 640.22	4065 880.44	4081 120.75
0 17 30	4020 187.66	4035 427.68	4050 667.78	4065 907.97	4081 148.24
0 20 00	4020 219.54	4035 459.52	4050 699.58	4065 939.73	4081 179.97
0 22 30	4020 255.66	4035 495.60	4050 735.62	4065 975.72	4081 215.92
0 25 00	4020 296.04	4035 535.93	4050 775.89	4066 015.95	4081 256.10
0 27 30	4020 340.67	4035 580.50	4050 820.41	4066 060.41	4081 300.50
0 30 00	4020 389.54	4035 629.32	4050 869.17	4066 109.11	4081 349.14
0 32 30	4020 442.67	4035 682.38	4050 922.17	4066 162.04	4081 402.01
0 35 00	4020 500.05	4035 739.69	4050 979.40	4066 219.21	4081 459.11
0 37 30	4020 561.68	4035 801.24	4051 040.88	4066 280.61	4081 520.43
0 40 00	4020 627.55	4035 867.04	4051 106.60	4066 346.25	4081 585.99
0 42 30	4020 697.68	4035 937.08	4051 176.55	4066 416.12	4081 655.77
0 45 00	4020 772.06	4036 011.37	4051 250.75	4066 490.22	4081 729.79
0 47 30	4020 850.68	4036 089.90	4051 329.19	4066 568.56	4081 808.03
0 50 00	4020 933.57	4036 172.68	4051 411.86	4066 651.14	4081 890.50
0 52 30	4021 020.69	4036 259.70	4051 498.78	4066 737.95	4081 977.20
0 55 00	4021 112.07	4036 350.97	4051 589.93	4066 828.99	4082 068.13
0 57 30	4021 207.71	4036 446.48	4051 685.33	4066 924.27	4082 163.30
1 00 00	4021 307.58	4036 546.24	4051 784.97	4067 023.78	4082 262.69
1 02 30	4021 411.71	4036 650.24	4051 888.84	4067 127.53	4082 366.31
1 05 00	4021 520.09	4036 758.48	4051 996.96	4067 235.52	4082 474.16
1 07 30	4021 632.72	4036 870.98	4052 109.31	4067 347.73	4082 586.24
1 10 00	4021 749.60	4036 987.72	4052 225.90	4067 464.18	4082 702.55
1 12 30	4021 870.73	4037 108.70	4052 346.74	4067 584.87	4082 823.08
1 15 00	4021 996.11	4037 233.93	4052 471.82	4067 709.79	4082 947.85
1 17 30	4022 125.74	4037 363.40	4052 601.13	4067 838.95	4083 076.85
1 20 00	4022 259.63	4037 497.12	4052 734.68	4067 972.34	4083 210.07
1 22 30	4022 397.76	4037 635.08	4052 872.48	4068 109.96	4083 347.53
1 25 00	4022 540.14	4037 777.29	4053 014.51	4068 251.82	4083 489.21
1 27 30	4022 686.77	4037 923.74	4053 160.79	4068 397.92	4083 635.13
1 30 00	4022 837.65	4038 074.44	4053 311.30	4068 548.25	4083 785.27
1 32 30	4022 992.78	4038 229.38	4053 466.06	4068 702.81	4083 939.65
1 35 00	4023 152.17	4038 388.57	4053 625.05	4068 861.61	4084 098.25
1 37 30	4023 315.80	4038 552.00	4053 788.28	4069 024.64	4084 261.08
1 40 00	4023 483.68	4038 719.68	4053 955.75	4069 191.91	4084 428.14
1 42 30	4023 655.82	4038 891.61	4054 127.47	4069 363.41	4084 599.44
1 45 00	4023 832.20	4039 067.77	4054 303.42	4069 539.15	4084 774.96
1 47 30	4024 012.83	4039 248.19	4054 483.62	4069 719.12	4084 954.71
1 50 00	4024 197.72	4039 432.85	4054 668.05	4069 903.33	4085 138.69
1 52 30	4024 386.86	4039 621.75	4054 856.72	4070 091.77	4085 326.90
1 55 00	4024 580.24	4039 814.90	4055 049.63	4070 284.44	4085 519.34
1 57 30	4024 777.88	4040 012.30	4055 246.78	4070 481.36	4085 716.00
2 00 00	4024 979.76	4040 213.94	4055 448.18	4070 682.50	4085 916.90
2 02 30	4025 185.90	4040 419.82	4055 653.81	4070 887.88	4086 122.03
2 05 00	4025 396.29	4040 629.95	4055 863.68	4071 097.50	4086 331.39
2 07 30	4025 610.92	4040 844.33	4056 077.80	4071 311.35	4086 544.98
2 10 00	4025 829.81	4041 062.95	4056 296.15	4071 529.43	4086 762.79
2 12 30	4026 052.94	4041 285.81	4056 518.74	4071 751.75	4086 984.84
2 15 00	4026 280.34	4041 512.92	4056 745.57	4071 978.31	4087 211.11
2 17 30	4026 511.97	4041 744.28	4056 976.65	4072 209.10	4087 441.62
2 20 00	4026 747.86	4041 979.88	4057 211.96	4072 444.12	4087 676.35
2 22 30	4026 988.00	4042 219.73	4057 451.51	4072 683.38	4087 915.31
2 25 00	4027 232.39	4042 463.82	4057 695.31	4072 926.87	4088 158.51
2 27 30	4027 481.03	4042 712.16	4057 943.34	4073 174.60	4088 405.93
2 30 00	4027 733.92	4042 964.74	4058 195.61	4073 426.56	4088 657.58
2 32 30	4027 991.06	4043 221.57	4058 452.13	4073 682.76	4088 913.47
2 35 00	4028 252.46	4043 482.64	4058 712.88	4073 943.19	4089 173.58
2 37 30	4028 518.10	4043 747.96	4058 977.87	4074 207.86	4089 437.92
2 40 00	4028 787.99	4044 017.52	4059 247.10	4074 476.77	4089 706.49
2 42 30	4029 062.14	4044 291.33	4059 520.58	4074 749.90	4089 979.29
2 45 00	4029 340.53	4044 569.38	4059 798.29	4075 027.28	4090 256.32
2 47 30	4029 623.17	4044 851.68	4060 080.25	4075 308.88	4090 537.59
2 50 00	4029 910.07	4045 138.22	4060 366.44	4075 594.73	4090 823.07
2 52 30	4030 201.21	4045 429.02	4060 656.87	4075 884.80	4091 112.80
2 55 00	4030 496.61	4045 724.05	4060 951.55	4076 179.11	4091 406.74
2 57 30	4030 796.26	4046 023.33	4061 250.46	4076 477.66	4091 704.92
3 00 00	4031 100.15	4046 326.86	4061 553.62	4076 780.44	4092 007.33

Second-difference correction to y for indicated value of k (for all Δλ's)

k	0" 150"	5" 145"	10" 140"	15" 135"	20" 130"	25" 125"	30" 120"	35" 115"	40" 110"	45" 105"	50" 100"	55" 95"	60" 90"	65" 85"	70" 80"	75" 75"
Correction	-.01	-.08	-.14	-.20	-.25	-.30	-.35	-.39	-.42	-.45	-.48	-.50	-.52	-.53	-.54	-.54

Correction for h is negligible

ALASKA – ZONES 2 TO 9
STATE PLANE COORDINATES IN FEET – X'

Δλ \ φ	65 10 00	65 12 30	65 15 00	65 17 30	65 20 00
0 00 00	0.00	0.00	0.00	0.00	0.00
0 02 30	6 408.38	6 398.32	6 388.25	6 378.19	6 368.12
0 05 00	12 816.75	12 796.63	12 776.51	12 756.37	12 736.23
0 07 30	19 225.12	19 194.94	19 164.75	19 134.55	19 104.34
0 10 00	25 633.49	25 593.25	25 552.99	25 512.73	25 472.45
0 12 30	32 041.84	31 991.54	31 941.23	31 890.89	31 840.54
0 15 00	38 450.19	38 389.83	38 329.45	38 269.04	38 208.62
0 17 30	44 858.52	44 788.10	44 717.66	44 647.19	44 576.70
0 20 00	51 266.84	51 186.35	51 105.85	51 025.31	50 944.75
0 22 30	57 675.13	57 584.59	57 494.02	57 403.42	57 312.79
0 25 00	64 083.42	63 982.81	63 882.18	63 781.51	63 680.80
0 27 30	70 491.67	70 381.01	70 270.31	70 159.57	70 048.80
0 30 00	76 899.91	76 779.18	76 658.42	76 537.62	76 416.77
0 32 30	83 308.11	83 177.33	83 046.50	82 915.63	82 784.72
0 35 00	89 716.29	89 575.44	89 434.56	89 293.62	89 152.63
0 37 30	96 124.43	95 973.53	95 822.58	95 671.58	95 520.52
0 40 00	102 532.55	102 371.59	102 210.57	102 049.50	101 888.37
0 42 30	108 940.63	108 769.61	108 598.53	108 427.39	108 256.19
0 45 00	115 348.67	115 167.59	114 986.44	114 805.24	114 623.97
0 47 30	121 756.67	121 565.53	121 374.32	121 183.05	120 991.72
0 50 00	128 164.63	127 963.43	127 762.16	127 560.82	127 359.41
0 52 30	134 572.55	134 361.29	134 149.95	133 938.55	133 727.07
0 55 00	140 980.42	140 759.10	140 537.70	140 316.23	140 094.68
0 57 30	147 388.25	147 156.86	146 925.40	146 693.86	146 462.24
1 00 00	153 796.01	153 554.57	153 313.05	153 071.44	152 829.75
1 02 30	160 203.73	159 952.23	159 700.65	159 448.97	159 197.21
1 05 00	166 611.40	166 349.84	166 088.19	165 826.44	165 564.61
1 07 30	173 019.01	172 747.38	172 475.67	172 203.86	171 931.96
1 10 00	179 426.56	179 144.87	178 863.10	178 581.22	178 299.25
1 12 30	185 834.04	185 542.30	185 250.46	184 958.51	184 666.47
1 15 00	192 241.47	191 939.67	191 637.76	191 335.75	191 033.64
1 17 30	198 648.83	198 336.96	198 024.99	197 712.91	197 400.73
1 20 00	205 056.12	204 734.19	204 412.16	204 090.01	203 767.76
1 22 30	211 463.34	211 131.35	210 799.26	210 467.04	210 134.72
1 25 00	217 870.48	217 528.44	217 186.28	216 844.00	216 501.60
1 27 30	224 277.55	223 925.45	223 573.23	223 220.88	222 868.42
1 30 00	230 684.55	230 322.39	229 960.10	229 597.69	229 235.15
1 32 30	237 091.46	236 719.24	236 346.89	235 974.41	235 601.81
1 35 00	243 498.30	243 116.02	242 733.60	242 351.05	241 968.38
1 37 30	249 905.05	249 512.71	249 120.23	248 727.62	248 334.87
1 40 00	256 311.72	255 909.31	255 506.77	255 104.09	254 701.28
1 42 30	262 718.30	262 305.83	261 893.23	261 480.48	261 067.59
1 45 00	269 124.79	268 702.26	268 279.59	267 856.78	267 433.82
1 47 30	275 531.18	275 098.60	274 665.87	274 232.98	273 799.95
1 50 00	281 937.49	281 494.84	281 052.05	280 609.09	280 165.99
1 52 30	288 343.69	287 890.99	287 438.13	286 985.11	286 531.94
1 55 00	294 749.80	294 287.03	293 824.11	293 361.02	292 897.78
1 57 30	301 155.81	300 682.98	300 209.99	299 736.84	299 263.53
2 00 00	307 561.71	307 078.82	306 595.77	306 112.55	305 629.17
2 02 30	313 967.51	313 474.56	312 981.44	312 488.16	311 994.71
2 05 00	320 373.20	319 870.19	319 367.01	318 863.66	318 360.13
2 07 30	326 778.78	326 265.71	325 752.47	325 239.04	324 725.45
2 10 00	333 184.25	332 661.12	332 137.81	331 614.32	331 090.66
2 12 30	339 589.61	339 056.42	338 523.05	337 989.49	337 455.75
2 15 00	345 994.84	345 451.59	344 908.16	344 364.53	343 820.73
2 17 30	352 399.96	351 846.65	351 293.15	350 739.46	350 185.59
2 20 00	358 804.96	358 241.59	357 678.03	357 114.27	356 550.32
2 22 30	365 209.84	364 636.41	364 062.78	363 488.95	362 914.94
2 25 00	371 614.59	371 031.10	370 447.41	369 863.52	369 279.43
2 27 30	378 019.21	377 425.66	376 831.90	376 237.94	375 643.78
2 30 00	384 423.71	383 820.10	383 216.28	382 612.25	382 008.02
2 32 30	390 828.07	390 214.39	389 600.51	388 986.42	388 372.11
2 35 00	397 232.30	396 608.57	395 984.62	395 360.46	394 736.08
2 37 30	403 636.39	403 002.60	402 368.59	401 734.36	401 099.91
2 40 00	410 040.34	409 396.49	408 752.42	408 108.12	407 463.60
2 42 30	416 444.16	415 790.24	415 136.11	414 481.74	413 827.15
2 45 00	422 847.83	422 183.85	421 519.66	420 855.22	420 190.56
2 47 30	429 251.36	428 577.32	427 903.05	427 228.55	426 553.83
2 50 00	435 654.74	434 970.64	434 286.31	433 601.74	432 916.94
2 52 30	442 057.97	441 363.81	440 669.42	439 974.78	439 279.91
2 55 00	448 461.05	447 756.83	447 052.37	446 347.66	445 642.73
2 57 30	454 863.97	454 149.69	453 435.17	452 720.40	452 005.39
3 00 00	461 266.74	460 542.40	459 817.81	459 092.97	458 367.90

Second-difference correction to x' for indicated values of h and Δλ

Δλ \ h	0" 150"	15" 135"	30" 120"	45" 105"	60" 90"	75" 75"
0°	0	0	0	0	0	0
1°	0	+.01	+.01	+.01	+.02	+.02
2°	+.01	+.02	+.02	+.03	+.03	+.03
3°	+.01	+.03	+.04	+.04	+.04	+.05

Correction for k is negligible

ALASKA – ZONES 2 TO 9
STATE PLANE COORDINATES IN FEET – Y

Δλ \ φ	65 10 00	65 12 30	65 15 00	65 17 30	65 20 00
0 00 00	4081 044.63	4096 285.11	4111 525.69	4126 766.34	4142 007.09
0 02 30	4081 046.74	4096 287.23	4111 527.80	4126 768.45	4142 009.20
0 05 00	4081 053.08	4096 293.56	4111 534.13	4126 774.77	4142 015.51
0 07 30	4081 063.66	4096 304.12	4111 544.67	4126 785.31	4142 026.03
0 10 00	4081 078.46	4096 318.91	4111 559.44	4126 800.05	4142 040.76
0 12 30	4081 097.49	4096 337.92	4111 578.42	4126 819.01	4142 059.70
0 15 00	4081 120.75	4096 361.15	4111 601.63	4126 842.19	4142 082.84
0 17 30	4081 148.24	4096 388.60	4111 629.05	4126 869.58	4142 110.20
0 20 00	4081 179.97	4096 420.29	4111 660.69	4126 901.18	4142 141.76
0 22 30	4081 215.92	4096 456.19	4111 696.55	4126 937.00	4142 177.54
0 25 00	4081 256.10	4096 496.32	4111 736.64	4126 977.03	4142 217.52
0 27 30	4081 300.50	4096 540.67	4111 780.93	4127 021.27	4142 261.71
0 30 00	4081 349.14	4096 589.25	4111 829.45	4127 069.73	4142 310.10
0 32 30	4081 402.01	4096 642.06	4111 882.19	4127 122.40	4142 362.71
0 35 00	4081 459.11	4096 699.08	4111 939.14	4127 179.28	4142 419.52
0 37 30	4081 520.43	4096 760.33	4112 000.32	4127 240.38	4142 480.54
0 40 00	4081 585.99	4096 825.81	4112 065.71	4127 305.70	4142 545.77
0 42 30	4081 655.77	4096 895.51	4112 135.32	4127 375.22	4142 615.21
0 45 00	4081 729.79	4096 969.43	4112 209.15	4127 448.96	4142 688.86
0 47 30	4081 808.03	4097 047.58	4112 287.20	4127 526.92	4142 766.72
0 50 00	4081 890.50	4097 129.95	4112 369.47	4127 609.08	4142 848.78
0 52 30	4081 977.20	4097 216.54	4112 455.96	4127 695.46	4142 935.06
0 55 00	4082 068.13	4097 307.36	4112 546.67	4127 786.06	4143 025.54
0 57 30	4082 163.30	4097 402.41	4112 641.59	4127 880.86	4143 120.23
1 00 00	4082 262.69	4097 501.68	4112 740.74	4127 979.89	4143 219.13
1 02 30	4082 366.31	4097 605.17	4112 844.11	4128 083.12	4143 322.24
1 05 00	4082 474.16	4097 712.88	4112 951.69	4128 190.58	4143 429.55
1 07 30	4082 586.24	4097 824.83	4113 063.49	4128 302.24	4143 541.08
1 10 00	4082 702.55	4097 940.99	4113 179.51	4128 418.11	4143 656.81
1 12 30	4082 823.08	4098 061.38	4113 299.75	4128 538.21	4143 776.75
1 15 00	4082 947.85	4098 185.99	4113 424.21	4128 662.51	4143 900.90
1 17 30	4083 076.85	4098 314.83	4113 552.89	4128 791.03	4144 029.26
1 20 00	4083 210.07	4098 447.89	4113 685.79	4128 923.76	4144 161.82
1 22 30	4083 347.53	4098 585.18	4113 822.90	4129 060.70	4144 298.60
1 25 00	4083 489.21	4098 726.69	4113 964.24	4129 201.87	4144 439.58
1 27 30	4083 635.13	4098 872.42	4114 109.79	4129 347.24	4144 584.77
1 30 00	4083 785.27	4099 022.38	4114 259.57	4129 496.82	4144 734.17
1 32 30	4083 939.65	4099 176.56	4114 413.56	4129 650.63	4144 887.78
1 35 00	4084 098.25	4099 334.97	4114 571.77	4129 808.64	4145 045.60
1 37 30	4084 261.08	4099 497.60	4114 734.20	4129 970.87	4145 207.63
1 40 00	4084 428.14	4099 664.46	4114 900.85	4130 137.31	4145 373.86
1 42 30	4084 599.44	4099 835.54	4115 071.71	4130 307.97	4145 544.31
1 45 00	4084 774.96	4100 010.84	4115 246.80	4130 482.83	4145 718.96
1 47 30	4084 954.71	4100 190.37	4115 426.11	4130 661.92	4145 897.82
1 50 00	4085 138.69	4100 374.12	4115 609.64	4130 845.22	4146 080.89
1 52 30	4085 326.90	4100 562.10	4115 797.38	4131 032.73	4146 268.16
1 55 00	4085 519.34	4100 754.30	4115 989.34	4131 224.45	4146 459.65
1 57 30	4085 716.00	4100 950.73	4116 185.52	4131 420.39	4146 655.34
2 00 00	4085 916.90	4101 151.38	4116 385.92	4131 620.55	4146 855.25
2 02 30	4086 122.03	4101 356.25	4116 590.55	4131 824.91	4147 059.36
2 05 00	4086 331.39	4101 565.35	4116 799.38	4132 033.49	4147 267.68
2 07 30	4086 544.98	4101 778.67	4117 012.44	4132 246.29	4147 480.21
2 10 00	4086 762.79	4101 996.22	4117 229.72	4132 463.29	4147 696.95
2 12 30	4086 984.84	4102 217.99	4117 451.22	4132 684.51	4147 917.89
2 15 00	4087 211.11	4102 443.99	4117 676.93	4132 909.95	4148 143.05
2 17 30	4087 441.62	4102 674.21	4117 906.87	4133 139.60	4148 372.41
2 20 00	4087 676.35	4102 908.65	4118 141.03	4133 373.46	4148 605.98
2 22 30	4087 915.31	4103 147.32	4118 379.40	4133 611.54	4148 843.77
2 25 00	4088 158.51	4103 390.21	4118 621.99	4133 853.83	4149 085.75
2 27 30	4088 405.93	4103 637.33	4118 868.80	4134 100.33	4149 331.95
2 30 00	4088 657.58	4103 888.67	4119 119.83	4134 351.05	4149 582.36
2 32 30	4088 913.47	4104 144.24	4119 375.08	4134 605.99	4149 836.97
2 35 00	4089 173.58	4104 404.03	4119 634.55	4134 865.14	4150 095.80
2 37 30	4089 437.92	4104 668.05	4119 898.24	4135 128.49	4150 358.83
2 40 00	4089 706.49	4104 936.28	4120 166.15	4135 396.07	4150 626.07
2 42 30	4089 979.29	4105 208.75	4120 438.27	4135 667.86	4150 897.52
2 45 00	4090 256.32	4105 485.44	4120 714.62	4135 943.86	4151 173.18
2 47 30	4090 537.59	4105 766.35	4120 995.19	4136 224.08	4151 453.05
2 50 00	4090 823.07	4106 051.49	4121 279.97	4136 508.50	4151 737.12
2 52 30	4091 112.80	4106 340.85	4121 568.97	4136 797.15	4152 025.41
2 55 00	4091 406.74	4106 634.44	4121 862.19	4137 090.01	4152 317.90
2 57 30	4091 704.92	4106 932.25	4122 159.64	4137 387.08	4152 614.60
3 00 00	4092 007.33	4107 234.29	4122 461.30	4137 688.36	4152 915.51

Second-difference correction to y for indicated value of k (for all Δλ's)

k	0" 150"	5" 145"	10" 140"	15" 135"	20" 130"	25" 125"	30" 120"	35" 115"	40" 110"	45" 105"	50" 100"	55" 95"	60" 90"	65" 85"	70" 80"	75" 75"
Correction	-.01	-.08	-.14	-.20	-.25	-.30	-.35	-.39	-.42	-.45	-.48	-.50	-.52	-.53	-.54	-.54

Correction for h is negligible

ALASKA – ZONES 2 TO 9
STATE PLANE COORDINATES IN FEET – X'

Δλ \ φ	65 20 00	65 22 30	65 25 00	65 27 30	65 30 00
0 00 00	0.00	0.00	0.00	0.00	0.00
0 02 30	6 368.12	6 358.04	6 347.97	6 337.88	6 327.80
0 05 00	12 736.23	12 716.08	12 695.93	12 675.77	12 655.60
0 07 30	19 104.34	19 074.12	19 043.89	19 013.65	18 983.39
0 10 00	25 472.45	25 432.15	25 391.84	25 351.52	25 311.18
0 12 30	31 840.54	31 790.17	31 739.79	31 689.38	31 638.96
0 15 00	38 208.62	38 148.18	38 087.72	38 027.23	37 966.73
0 17 30	44 576.70	44 506.18	44 435.64	44 365.07	44 294.48
0 20 00	50 944.75	50 864.16	50 783.54	50 702.90	50 622.22
0 22 30	57 312.79	57 222.12	57 131.43	57 040.70	56 949.95
0 25 00	63 680.80	63 580.07	63 479.30	63 378.49	63 277.65
0 27 30	70 048.80	69 937.99	69 827.14	69 716.25	69 605.33
0 30 00	76 416.77	76 295.88	76 174.96	76 053.99	75 932.98
0 32 30	82 784.72	82 653.76	82 522.75	82 391.71	82 260.61
0 35 00	89 152.63	89 011.60	88 870.52	88 729.39	88 588.22
0 37 30	95 520.52	95 369.42	95 218.26	95 067.05	94 915.79
0 40 00	101 888.37	101 727.19	101 565.96	101 404.67	101 243.32
0 42 30	108 256.19	108 084.94	107 913.63	107 742.25	107 570.82
0 45 00	114 623.97	114 442.65	114 261.26	114 079.80	113 898.29
0 47 30	120 991.72	120 800.31	120 608.84	120 417.31	120 225.72
0 50 00	127 359.41	127 157.94	126 956.39	126 754.78	126 553.10
0 52 30	133 727.07	133 515.52	133 303.90	133 092.21	132 880.44
0 55 00	140 094.68	139 873.06	139 651.36	139 429.59	139 207.74
0 57 30	146 462.24	146 230.54	145 998.77	145 766.92	145 534.98
1 00 00	152 829.75	152 587.98	152 346.13	152 104.19	151 862.18
1 02 30	159 197.21	158 945.36	158 693.44	158 441.42	158 189.32
1 05 00	165 564.61	165 302.70	165 040.69	164 778.59	164 516.41
1 07 30	171 931.96	171 659.97	171 387.89	171 115.71	170 843.44
1 10 00	178 299.25	178 017.18	177 735.02	177 452.77	177 170.41
1 12 30	184 666.47	184 374.34	184 082.10	183 789.76	183 497.32
1 15 00	191 033.64	190 731.43	190 429.11	190 126.69	189 824.17
1 17 30	197 400.73	197 088.44	196 776.05	196 463.55	196 150.95
1 20 00	203 767.76	203 445.40	203 122.93	202 800.35	202 477.66
1 22 30	210 134.72	209 802.28	209 469.74	209 137.08	208 804.30
1 25 00	216 501.60	216 159.10	215 816.47	215 473.73	215 130.87
1 27 30	222 868.42	222 515.83	222 163.13	221 810.31	221 457.37
1 30 00	229 235.15	228 872.49	228 509.71	228 146.81	227 783.78
1 32 30	235 601.81	235 229.07	234 856.21	234 483.23	234 110.12
1 35 00	241 968.38	241 585.57	241 202.64	240 819.57	240 436.38
1 37 30	248 334.87	247 941.99	247 548.98	247 155.83	246 762.55
1 40 00	254 701.28	254 298.32	253 895.23	253 492.01	253 088.64
1 42 30	261 067.59	260 654.57	260 241.40	259 828.09	259 414.65
1 45 00	267 433.82	267 010.72	266 587.48	266 164.09	265 740.56
1 47 30	273 799.95	273 366.78	272 933.46	272 499.99	272 066.38
1 50 00	280 165.99	279 722.75	279 279.35	278 835.80	278 392.10
1 52 30	286 531.94	286 078.62	285 625.14	285 171.51	284 717.73
1 55 00	292 897.78	292 434.39	291 970.83	291 507.12	291 043.26
1 57 30	299 263.53	298 790.06	298 316.42	297 842.63	297 368.68
2 00 00	305 629.17	305 145.63	304 661.92	304 178.04	303 694.01
2 02 30	311 994.71	311 501.09	311 007.30	310 513.35	310 019.23
2 05 00	318 360.13	317 856.44	317 352.58	316 848.55	316 344.34
2 07 30	324 725.45	324 211.68	323 697.74	323 183.63	322 669.34
2 10 00	331 090.66	330 566.82	330 042.80	329 518.60	328 994.23
2 12 30	337 455.75	336 921.84	336 387.74	335 853.47	335 319.01
2 15 00	343 820.73	343 276.74	342 732.57	342 188.21	341 643.66
2 17 30	350 185.59	349 631.52	349 077.27	348 522.83	347 968.20
2 20 00	356 550.32	355 986.18	355 421.86	354 857.34	354 292.63
2 22 30	362 914.94	362 340.73	361 766.31	361 191.72	360 616.92
2 25 00	369 279.43	368 695.14	368 110.65	367 525.97	366 941.09
2 27 30	375 643.78	375 049.43	374 454.86	373 860.10	373 265.14
2 30 00	382 008.02	381 403.58	380 798.94	380 194.10	379 589.05
2 32 30	388 372.11	387 757.61	387 142.89	386 527.97	385 912.84
2 35 00	394 736.08	394 111.50	393 486.71	392 861.70	392 236.49
2 37 30	401 099.91	400 465.26	399 830.38	399 195.30	398 560.00
2 40 00	407 463.60	406 818.87	406 173.93	405 528.76	404 883.38
2 42 30	413 827.15	413 172.36	412 517.32	411 862.08	411 206.61
2 45 00	420 190.56	419 525.69	418 860.58	418 195.25	417 529.70
2 47 30	426 553.83	425 878.87	425 203.69	424 528.28	423 852.64
2 50 00	432 916.94	432 231.92	431 546.66	430 861.17	430 175.45
2 52 30	439 279.91	438 584.81	437 889.47	437 193.90	436 498.09
2 55 00	445 642.73	444 937.55	444 232.13	443 526.48	442 820.59
2 57 30	452 005.39	451 290.14	450 574.64	449 858.91	449 142.93
3 00 00	458 367.90	457 642.57	456 917.00	456 191.18	455 465.12

Second-difference correction to x' for indicated values of h and Δλ

Δλ \ h	0" 150"	15" 135"	30" 120"	45" 105"	60" 90"	75" 75"
0°	0	0	0	0	0	0
1°	0	+.01	+.01	+.01	+.02	+.02
2°	+.01	+.02	+.02	+.03	+.03	+.03
3°	+.01	+.03	+.04	+.04	+.04	+.05

Correction for k is negligible

ALASKA – ZONES 2 TO 9
STATE PLANE COORDINATES IN FEET – Y

Δλ \ φ	65 20 00	65 22 30	65 25 00	65 27 30	65 30 00
0 00 00	4142 007.09	4157 247.93	4172 488.84	4187 729.85	4202 970.93
0 02 30	4142 009.20	4157 250.03	4172 490.94	4187 731.94	4202 973.03
0 05 00	4142 015.51	4157 256.33	4172 497.24	4187 738.23	4202 979.31
0 07 30	4142 026.03	4157 266.84	4172 507.73	4187 748.71	4202 989.78
0 10 00	4142 040.76	4157 281.55	4172 522.43	4187 763.39	4203 004.43
0 12 30	4142 059.70	4157 300.46	4172 541.32	4187 782.25	4203 023.28
0 15 00	4142 082.84	4157 323.58	4172 564.41	4187 805.31	4203 046.31
0 17 30	4142 110.20	4157 350.90	4172 591.69	4187 832.57	4203 073.53
0 20 00	4142 141.76	4157 382.43	4172 623.18	4187 864.01	4203 104.93
0 22 30	4142 177.54	4157 418.15	4172 658.86	4187 899.65	4203 140.52
0 25 00	4142 217.52	4157 458.09	4172 698.74	4187 939.48	4203 180.30
0 27 30	4142 261.71	4157 502.22	4172 742.82	4187 983.50	4203 224.27
0 30 00	4142 310.10	4157 550.56	4172 791.09	4188 031.72	4203 272.43
0 32 30	4142 362.71	4157 603.10	4172 843.57	4188 084.13	4203 324.77
0 35 00	4142 419.52	4157 659.84	4172 900.24	4188 140.73	4203 381.30
0 37 30	4142 480.54	4157 720.79	4172 961.11	4188 201.52	4203 442.01
0 40 00	4142 545.77	4157 785.93	4173 026.18	4188 266.50	4203 506.92
0 42 30	4142 615.21	4157 855.29	4173 095.44	4188 335.68	4203 576.01
0 45 00	4142 688.86	4157 928.84	4173 168.91	4188 409.06	4203 649.29
0 47 30	4142 766.72	4158 006.60	4173 246.57	4188 486.62	4203 726.76
0 50 00	4142 848.78	4158 088.56	4173 328.43	4188 568.38	4203 808.41
0 52 30	4142 935.06	4158 174.73	4173 414.49	4188 654.33	4203 894.25
0 55 00	4143 025.54	4158 265.10	4173 504.74	4188 744.47	4203 984.28
0 57 30	4143 120.23	4158 359.67	4173 599.20	4188 838.80	4204 078.49
1 00 00	4143 219.13	4158 458.44	4173 697.85	4188 937.33	4204 176.90
1 02 30	4143 322.24	4158 561.42	4173 800.70	4189 040.05	4204 279.49
1 05 00	4143 429.55	4158 668.61	4173 907.75	4189 146.96	4204 386.27
1 07 30	4143 541.08	4158 779.99	4174 018.99	4189 258.07	4204 497.24
1 10 00	4143 656.81	4158 895.58	4174 134.43	4189 373.37	4204 612.39
1 12 30	4143 776.75	4159 015.37	4174 254.08	4189 492.86	4204 731.73
1 15 00	4143 900.90	4159 139.37	4174 377.91	4189 616.54	4204 855.25
1 17 30	4144 029.26	4159 267.56	4174 505.95	4189 744.42	4204 982.97
1 20 00	4144 161.82	4159 399.96	4174 638.19	4189 876.49	4205 114.87
1 22 30	4144 298.60	4159 536.57	4174 774.62	4190 012.75	4205 250.96
1 25 00	4144 439.58	4159 677.38	4174 915.25	4190 153.20	4205 391.24
1 27 30	4144 584.77	4159 822.39	4175 060.08	4190 297.86	4205 535.71
1 30 00	4144 734.17	4159 971.60	4175 209.11	4190 446.69	4205 684.36
1 32 30	4144 887.78	4160 125.02	4175 362.33	4190 599.73	4205 837.20
1 35 00	4145 045.60	4160 282.64	4175 519.76	4190 756.95	4205 994.23
1 37 30	4145 207.63	4160 444.46	4175 681.38	4190 918.37	4206 155.44
1 40 00	4145 373.86	4160 610.49	4175 847.20	4191 083.98	4206 320.84
1 42 30	4145 544.31	4160 780.72	4176 017.21	4191 253.78	4206 490.43
1 45 00	4145 718.96	4160 955.16	4176 191.43	4191 427.78	4206 664.21
1 47 30	4145 897.82	4161 133.79	4176 369.84	4191 605.97	4206 842.17
1 50 00	4146 080.89	4161 316.63	4176 552.45	4191 788.35	4207 024.33
1 52 30	4146 268.16	4161 503.67	4176 739.26	4191 974.92	4207 210.66
1 55 00	4146 459.65	4161 694.92	4176 930.27	4192 165.69	4207 401.19
1 57 30	4146 655.34	4161 890.37	4177 125.47	4192 360.65	4207 595.91
2 00 00	4146 855.25	4162 090.03	4177 324.88	4192 559.81	4207 794.81
2 02 30	4147 059.36	4162 293.88	4177 528.48	4192 763.15	4207 997.90
2 05 00	4147 267.68	4162 501.94	4177 736.28	4192 970.69	4208 205.17
2 07 30	4147 480.21	4162 714.20	4177 948.28	4193 182.42	4208 416.64
2 10 00	4147 696.95	4162 930.67	4178 164.47	4193 398.35	4208 632.29
2 12 30	4147 917.89	4163 151.35	4178 384.86	4193 618.46	4208 852.13
2 15 00	4148 143.05	4163 376.21	4178 609.45	4193 842.77	4209 076.15
2 17 30	4148 372.41	4163 605.29	4178 838.25	4194 071.27	4209 304.37
2 20 00	4148 605.98	4163 838.57	4179 071.23	4194 303.96	4209 536.77
2 22 30	4148 843.77	4164 076.06	4179 308.42	4194 540.85	4209 773.36
2 25 00	4149 085.75	4164 317.74	4179 549.80	4194 781.93	4210 014.14
2 27 30	4149 331.95	4164 563.63	4179 795.38	4195 027.21	4210 259.10
2 30 00	4149 582.36	4164 813.73	4180 045.16	4195 276.67	4210 508.25
2 32 30	4149 836.97	4165 068.02	4180 299.14	4195 530.33	4210 761.59
2 35 00	4150 095.80	4165 326.52	4180 557.32	4195 788.19	4211 019.11
2 37 30	4150 358.83	4165 589.22	4180 819.70	4196 050.23	4211 280.83
2 40 00	4150 626.07	4165 856.13	4181 086.27	4196 316.47	4211 546.73
2 42 30	4150 897.52	4166 127.24	4181 357.04	4196 586.90	4211 816.82
2 45 00	4151 173.18	4166 402.56	4181 632.00	4196 861.52	4212 091.10
2 47 30	4151 453.05	4166 682.07	4181 911.17	4197 140.33	4212 369.56
2 50 00	4151 737.12	4166 965.80	4182 194.54	4197 423.34	4212 652.21
2 52 30	4152 025.41	4167 253.72	4182 482.10	4197 710.54	4212 939.05
2 55 00	4152 317.90	4167 545.84	4182 773.86	4198 001.94	4213 230.08
2 57 30	4152 614.60	4167 842.18	4183 069.82	4198 297.52	4213 525.29
3 00 00	4152 915.51	4168 142.71	4183 369.98	4198 597.31	4213 824.70

Second-difference correction to y for indicated value of k (for all Δλ's)

k	0" 150"	5" 145"	10" 140"	15" 135"	20" 130"	25" 125"	30" 120"	35" 115"	40" 110"	45" 105"	50" 100"	55" 95"	60" 90"	65" 85"	70" 80"	75" 75"
Correction	-.01	-.08	-.14	-.20	-.25	-.30	-.35	-.39	-.42	-.45	-.48	-.50	-.52	-.53	-.54	-.54

Correction for h is negligible

ALASKA – ZONES 2 TO 9
STATE PLANE COORDINATES IN FEET – X'

Δλ \ φ	65 30 00	65 32 30	65 35 00	65 37 30	65 40 00
0 00 00	0.00	0.00	0.00	0.00	0.00
0 02 30	6 327.80	6 317.71	6 307.62	6 297.53	6 287.43
0 05 00	12 655.60	12 635.42	12 615.24	12 595.05	12 574.86
0 07 30	18 983.39	18 953.13	18 922.86	18 892.58	18 862.29
0 10 00	25 311.18	25 270.83	25 230.47	25 190.09	25 149.70
0 12 30	31 638.96	31 588.52	31 538.07	31 487.60	31 437.11
0 15 00	37 966.73	37 906.21	37 845.66	37 785.10	37 724.51
0 17 30	44 294.48	44 223.87	44 153.24	44 082.58	44 011.90
0 20 00	50 622.22	50 541.53	50 460.80	50 380.05	50 299.27
0 22 30	56 949.95	56 859.16	56 768.34	56 677.49	56 586.62
0 25 00	63 277.65	63 176.77	63 075.86	62 974.92	62 873.95
0 27 30	69 605.33	69 494.37	69 383.37	69 272.34	69 161.26
0 30 00	75 932.98	75 811.93	75 690.85	75 569.71	75 448.54
0 32 30	82 260.61	82 129.48	81 998.30	81 867.07	81 735.80
0 35 00	88 588.22	88 446.99	88 305.72	88 164.40	88 023.04
0 37 30	94 915.79	94 764.48	94 613.11	94 461.70	94 310.24
0 40 00	101 243.32	101 081.92	100 920.47	100 758.97	100 597.40
0 42 30	107 570.82	107 399.34	107 227.80	107 056.20	106 884.54
0 45 00	113 898.29	113 716.72	113 535.08	113 353.39	113 171.63
0 47 30	120 225.72	120 034.06	119 842.33	119 650.54	119 458.69
0 50 00	126 553.10	126 351.35	126 149.54	125 947.65	125 745.70
0 52 30	132 880.44	132 668.61	132 456.70	132 244.72	132 032.67
0 55 00	139 207.74	138 985.81	138 763.82	138 541.74	138 319.60
0 57 30	145 534.98	145 302.97	145 070.88	144 838.72	144 606.47
1 00 00	151 862.18	151 620.08	151 377.90	151 135.64	150 893.30
1 02 30	158 189.32	157 937.13	157 684.87	157 432.51	157 180.07
1 05 00	164 516.41	164 254.13	163 991.77	163 729.32	163 466.79
1 07 30	170 843.44	170 571.08	170 298.63	170 026.08	169 753.45
1 10 00	177 170.41	176 887.96	176 605.42	176 322.78	176 040.05
1 12 30	183 497.32	183 204.79	182 912.15	182 619.42	182 326.59
1 15 00	189 824.17	189 521.54	189 218.82	188 915.99	188 613.06
1 17 30	196 150.95	195 838.24	195 525.42	195 212.50	194 899.48
1 20 00	202 477.66	202 154.86	201 831.96	201 508.94	201 185.82
1 22 30	208 804.30	208 471.42	208 138.42	207 805.31	207 472.09
1 25 00	215 130.87	214 787.90	214 444.81	214 101.61	213 758.29
1 27 30	221 457.37	221 104.31	220 751.13	220 397.83	220 044.41
1 30 00	227 783.78	227 420.64	227 057.36	226 693.98	226 330.46
1 32 30	234 110.12	233 736.88	233 363.53	232 990.04	232 616.43
1 35 00	240 436.38	240 053.06	239 669.60	239 286.02	238 902.31
1 37 30	246 762.55	246 369.15	245 975.60	245 581.93	245 188.12
1 40 00	253 088.64	252 685.15	252 281.51	251 877.74	251 473.84
1 42 30	259 414.65	259 001.06	258 587.33	258 173.47	257 759.47
1 45 00	265 740.56	265 316.88	264 893.07	264 469.11	264 045.01
1 47 30	272 066.38	271 632.62	271 198.71	270 764.66	270 330.46
1 50 00	278 392.10	277 948.25	277 504.25	277 060.11	276 615.81
1 52 30	284 717.73	284 263.79	283 809.70	283 355.46	282 901.07
1 55 00	291 043.26	290 579.23	290 115.05	289 650.72	289 186.23
1 57 30	297 368.68	296 894.57	296 420.30	295 945.87	295 471.28
2 00 00	303 694.01	303 209.81	302 725.45	302 240.92	301 756.24
2 02 30	310 019.23	309 524.94	309 030.49	308 535.87	308 041.09
2 05 00	316 344.34	315 839.97	315 335.42	314 830.71	314 325.83
2 07 30	322 669.34	322 154.88	321 640.24	321 125.44	320 610.46
2 10 00	328 994.23	328 469.68	327 944.95	327 420.06	326 894.98
2 12 30	335 319.01	334 784.37	334 249.55	333 714.56	333 179.39
2 15 00	341 643.66	341 098.94	340 554.03	340 008.94	339 463.67
2 17 30	347 968.20	347 413.40	346 858.39	346 303.21	345 747.84
2 20 00	354 292.63	353 727.73	353 162.63	352 597.36	352 031.89
2 22 30	360 616.92	360 041.93	359 466.75	358 891.38	358 315.82
2 25 00	366 941.09	366 356.02	365 770.74	365 185.28	364 599.62
2 27 30	373 265.14	372 669.98	372 074.61	371 479.06	370 883.29
2 30 00	379 589.05	378 983.80	378 378.35	377 772.69	377 166.84
2 32 30	385 912.84	385 297.50	384 681.95	384 066.21	383 450.25
2 35 00	392 236.49	391 611.06	390 985.42	390 359.58	389 733.53
2 37 30	398 560.00	397 924.49	397 288.75	396 652.82	396 016.67
2 40 00	404 883.38	404 237.77	403 591.95	402 945.92	402 299.67
2 42 30	411 206.61	410 550.92	409 895.01	409 238.88	408 582.53
2 45 00	417 529.70	416 863.92	416 197.91	415 531.70	414 865.25
2 47 30	423 852.64	423 176.78	422 500.69	421 824.37	421 147.83
2 50 00	430 175.45	429 489.49	428 803.31	428 116.90	427 430.25
2 52 30	436 498.09	435 802.05	435 105.78	434 409.28	433 712.53
2 55 00	442 820.59	442 114.46	441 408.09	440 701.50	439 994.66
2 57 30	449 142.93	448 426.72	447 710.26	446 993.57	446 276.63
3 00 00	455 465.12	454 738.82	454 012.27	453 285.48	452 558.45

Second-difference correction to x' for indicated values of h and Δλ

Δλ \ h	0" 150"	15" 135"	30" 120"	45" 105"	60" 90"	75" 75"
0°	0	0	0	0	0	0
1°	0	+.01	+.01	+.01	+.02	+.02
2°	+.01	+.02	+.02	+.03	+.03	+.03
3°	+.01	+.03	+.04	+.04	+.04	+.05

Correction for k is negligible

ALASKA – ZONES 2 TO 9
STATE PLANE COORDINATES IN FEET – Y

Δλ \ φ	65 30 00	65 32 30	65 35 00	65 37 30	65 40 00
0 00 00	4202 970.93	4218 212.11	4233 453.37	4248 694.72	4263 936.14
0 02 30	4202 973.03	4218 214.20	4233 455.46	4248 696.80	4263 938.23
0 05 00	4202 979.31	4218 220.47	4233 461.72	4248 703.06	4263 944.48
0 07 30	4202 989.78	4218 230.93	4233 472.17	4248 713.49	4263 954.89
0 10 00	4203 004.43	4218 245.57	4233 486.79	4248 728.09	4263 969.47
0 12 30	4203 023.28	4218 264.39	4233 505.58	4248 746.86	4263 988.22
0 15 00	4203 046.31	4218 287.39	4233 528.55	4248 769.80	4264 011.13
0 17 30	4203 073.53	4218 314.57	4233 555.70	4248 796.92	4264 038.21
0 20 00	4203 104.93	4218 345.94	4233 587.03	4248 828.20	4264 069.46
0 22 30	4203 140.52	4218 381.48	4233 622.53	4248 863.66	4264 104.87
0 25 00	4203 180.30	4218 421.21	4233 662.21	4248 903.29	4264 144.45
0 27 30	4203 224.27	4218 465.13	4233 706.07	4248 947.09	4264 188.20
0 30 00	4203 272.43	4218 513.22	4233 754.10	4248 995.06	4264 236.11
0 32 30	4203 324.77	4218 565.50	4233 806.31	4249 047.21	4264 288.18
0 35 00	4203 381.30	4218 621.96	4233 862.69	4249 103.52	4264 344.43
0 37 30	4203 442.01	4218 682.60	4233 923.26	4249 164.01	4264 404.84
0 40 00	4203 506.92	4218 747.42	4233 988.00	4249 228.67	4264 469.41
0 42 30	4203 576.01	4218 816.42	4234 056.92	4249 297.50	4264 538.15
0 45 00	4203 649.29	4218 889.61	4234 130.01	4249 370.50	4264 511.06
0 47 30	4203 726.76	4218 966.98	4234 207.28	4249 447.67	4264 688.14
0 50 00	4203 808.41	4219 048.53	4234 288.73	4249 529.01	4264 769.38
0 52 30	4203 894.25	4219 134.26	4234 374.35	4249 614.53	4264 854.78
0 55 00	4203 984.28	4219 224.18	4234 464.15	4249 704.21	4264 944.35
0 57 30	4204 078.49	4219 318.27	4234 558.13	4249 798.07	4265 038.09
1 00 00	4204 176.90	4219 416.55	4234 656.28	4249 896.10	4265 136.00
1 02 30	4204 279.49	4219 519.01	4234 758.62	4249 998.30	4265 238.07
1 05 00	4204 386.27	4219 625.65	4234 865.12	4250 104.68	4265 344.31
1 07 30	4204 497.24	4219 736.48	4234 975.81	4250 215.22	4265 454.71
1 10 00	4204 612.39	4219 851.49	4235 090.67	4250 329.94	4265 569.28
1 12 30	4204 731.73	4219 970.68	4235 209.71	4250 448.82	4265 688.01
1 15 00	4204 855.25	4220 094.05	4235 332.93	4250 571.89	4265 810.92
1 17 30	4204 982.97	4220 221.61	4235 460.32	4250 699.11	4265 937.99
1 20 00	4205 114.87	4220 353.34	4235 591.89	4250 830.52	4266 069.22
1 22 30	4205 250.96	4220 489.26	4235 727.63	4250 966.09	4266 204.62
1 25 00	4205 391.24	4220 629.36	4235 867.55	4251 105.83	4266 344.19
1 27 30	4205 535.71	4220 773.64	4236 011.65	4251 249.75	4266 487.92
1 30 00	4205 684.36	4220 922.11	4236 159.93	4251 397.84	4266 635.82
1 32 30	4205 837.20	4221 074.75	4236 312.38	4251 550.10	4266 787.88
1 35 00	4205 994.23	4221 231.58	4236 469.01	4251 706.53	4266 944.11
1 37 30	4206 155.44	4221 392.59	4236 629.82	4251 867.13	4267 104.51
1 40 00	4206 320.84	4221 557.79	4236 794.80	4252 031.91	4267 269.07
1 42 30	4206 490.43	4221 727.16	4236 963.96	4252 200.85	4267 437.81
1 45 00	4206 664.21	4221 900.72	4237 137.30	4252 373.97	4267 610.70
1 47 30	4206 842.17	4222 078.46	4237 314.82	4252 551.25	4267 787.76
1 50 00	4207 024.33	4222 260.38	4237 496.51	4252 732.71	4267 968.99
1 52 30	4207 210.66	4222 446.49	4237 682.37	4252 918.35	4268 154.39
1 55 00	4207 401.19	4222 636.77	4237 872.42	4253 108.15	4268 343.95
1 57 30	4207 595.91	4222 831.24	4238 066.64	4253 302.12	4268 537.68
2 00 00	4207 794.81	4223 029.89	4238 265.04	4253 500.27	4268 735.57
2 02 30	4207 997.90	4223 232.72	4238 467.61	4253 702.59	4268 937.63
2 05 00	4208 205.17	4223 439.73	4238 674.37	4253 909.07	4269 143.85
2 07 30	4208 416.64	4223 650.93	4238 885.29	4254 119.73	4269 354.25
2 10 00	4208 632.29	4223 866.31	4239 100.40	4254 334.57	4269 568.80
2 12 30	4208 852.13	4224 085.87	4239 319.68	4254 553.57	4269 787.53
2 15 00	4209 076.15	4224 309.61	4239 543.14	4254 776.75	4270 010.42
2 17 30	4209 304.37	4224 537.54	4239 770.78	4255 004.09	4270 237.48
2 20 00	4209 536.77	4224 769.65	4240 002.59	4255 235.61	4270 468.70
2 22 30	4209 773.36	4225 005.94	4240 238.58	4255 471.30	4270 704.09
2 25 00	4210 014.14	4225 246.41	4240 478.75	4255 711.16	4270 943.64
2 27 30	4210 259.10	4225 491.06	4240 723.09	4255 955.19	4271 187.37
2 30 00	4210 508.25	4225 739.90	4240 971.62	4256 203.40	4271 435.25
2 32 30	4210 761.59	4225 992.92	4241 224.31	4256 455.78	4271 687.31
2 35 00	4211 019.11	4226 250.12	4241 481.19	4256 712.33	4271 943.53
2 37 30	4211 280.83	4226 511.50	4241 742.24	4256 973.04	4272 203.92
2 40 00	4211 546.73	4226 777.07	4242 007.47	4257 237.94	4272 468.47
2 42 30	4211 816.82	4227 046.81	4242 276.87	4257 507.00	4272 737.19
2 45 00	4212 091.10	4227 320.74	4242 550.45	4257 780.23	4273 010.08
2 47 30	4212 369.56	4227 598.86	4242 828.21	4258 057.64	4273 287.12
2 50 00	4212 652.21	4227 881.15	4243 110.15	4258 339.22	4273 568.34
2 52 30	4212 939.05	4228 167.63	4243 396.26	4258 624.96	4273 853.73
2 55 00	4213 230.08	4228 458.29	4243 686.55	4258 914.88	4274 143.28
2 57 30	4213 525.29	4228 753.13	4243 981.02	4259 208.98	4274 436.99
3 00 00	4213 824.70	4229 052.15	4244 279.66	4259 507.24	4274 734.88

Second-difference correction to y for indicated value of k (for all Δλ's)

k	0" 150"	5" 145"	10" 140"	15" 135"	20" 130"	25" 125"	30" 120"	35" 115"	40" 110"	45" 105"	50" 100"	55" 95"	60" 90"	65" 85"	70" 80"	75" 75"
Correction	-.01	-.08	-.14	-.20	-.25	-.30	-.34	-.38	-.41	-.44	-.47	-.49	-.50	-.51	-.52	-.52

Correction for h is negligible

ALASKA – ZONES 2 TO 9
STATE PLANE COORDINATES IN FEET – X'

Δλ \ φ	65 40 00	65 42 30	65 45 00	65 47 30	65 50 00
0 00 00	0.00	0.00	0.00	0.00	0.00
0 02 30	6 287.43	6 277.33	6 267.22	6 257.12	6 247.01
0 05 00	12 574.86	12 554.66	12 534.45	12 514.23	12 494.01
0 07 30	18 862.29	18 831.98	18 801.67	18 771.35	18 741.01
0 10 00	25 149.70	25 109.30	25 068.88	25 028.45	24 988.01
0 12 30	31 437.11	31 386.61	31 336.09	31 285.55	31 234.99
0 15 00	37 724.51	37 663.90	37 603.28	37 542.63	37 481.97
0 17 30	44 011.90	43 941.19	43 870.46	43 799.71	43 728.93
0 20 00	50 299.27	50 218.46	50 137.62	50 056.76	49 975.87
0 22 30	56 586.62	56 495.71	56 404.77	56 313.80	56 222.80
0 25 00	62 873.95	62 772.94	62 671.90	62 570.82	62 469.71
0 27 30	69 161.26	69 050.15	68 939.00	68 827.82	68 716.60
0 30 00	75 448.54	75 327.33	75 206.08	75 084.79	74 963.46
0 32 30	81 735.80	81 604.49	81 473.14	81 341.74	81 210.29
0 35 00	88 023.04	87 881.63	87 740.16	87 598.66	87 457.10
0 37 30	94 310.24	94 158.73	94 007.16	93 855.54	93 703.88
0 40 00	100 597.40	100 435.79	100 274.12	100 112.40	99 950.62
0 42 30	106 884.54	106 712.82	106 541.05	106 369.22	106 197.33
0 45 00	113 171.63	112 989.82	112 807.94	112 626.00	112 444.00
0 47 30	119 458.69	119 266.77	119 074.79	118 882.74	118 690.63
0 50 00	125 745.70	125 543.69	125 341.60	125 139.44	124 937.22
0 52 30	132 032.67	131 820.55	131 608.36	131 396.10	131 183.77
0 55 00	138 319.60	138 097.37	137 875.08	137 652.71	137 430.27
0 57 30	144 606.47	144 374.15	144 141.75	143 909.28	143 676.72
1 00 00	150 893.30	150 650.87	150 408.37	150 165.79	149 923.12
1 02 30	157 180.07	156 927.55	156 674.94	156 422.25	156 169.47
1 05 00	163 466.79	163 204.17	162 941.45	162 678.65	162 415.76
1 07 30	169 753.45	169 480.72	169 207.91	168 935.00	168 662.00
1 10 00	176 040.05	175 757.22	175 474.30	175 191.29	174 908.17
1 12 30	182 326.59	182 033.66	181 740.64	181 447.51	181 154.29
1 15 00	188 613.06	188 310.04	188 006.91	187 703.68	187 400.34
1 17 30	194 899.48	194 586.35	194 273.11	193 959.77	193 646.33
1 20 00	201 185.82	200 862.59	200 539.25	200 215.80	199 892.25
1 22 30	207 472.09	207 138.76	206 805.31	206 471.76	206 138.10
1 25 00	213 758.29	213 414.86	213 071.31	212 727.65	212 383.87
1 27 30	220 044.41	219 690.88	219 337.23	218 983.46	218 629.57
1 30 00	226 330.46	225 966.82	225 603.07	225 239.20	224 875.20
1 32 30	232 616.43	232 242.69	231 868.83	231 494.85	231 120.74
1 35 00	238 902.31	238 518.48	238 134.51	237 750.42	237 366.20
1 37 30	245 188.12	244 794.18	244 400.11	244 005.91	243 611.58
1 40 00	251 473.84	251 069.80	250 665.63	250 261.32	249 856.88
1 42 30	257 759.47	257 345.33	256 931.05	256 516.64	256 102.08
1 45 00	264 045.01	263 620.77	263 196.39	262 771.86	262 347.20
1 47 30	270 330.46	269 896.12	269 461.63	269 027.00	268 592.23
1 50 00	276 615.81	276 171.37	275 726.78	275 282.04	274 837.15
1 52 30	282 901.07	282 446.53	281 991.83	281 536.99	281 081.99
1 55 00	289 186.23	288 721.58	288 256.78	287 791.83	287 326.72
1 57 30	295 471.28	294 996.54	294 521.63	294 046.57	293 571.35
2 00 00	301 756.24	301 271.40	300 786.38	300 301.21	299 815.88
2 02 30	308 041.09	307 546.14	307 051.03	306 555.75	306 060.31
2 05 00	314 325.83	313 820.78	313 315.56	312 810.18	312 304.62
2 07 30	320 610.46	320 095.31	319 579.99	319 064.50	318 548.83
2 10 00	326 894.98	326 369.73	325 844.30	325 318.70	324 792.93
2 12 30	333 179.39	332 644.04	332 108.50	331 572.79	331 036.91
2 15 00	339 463.67	338 918.22	338 372.58	337 826.77	337 280.77
2 17 30	345 747.84	345 192.29	344 636.55	344 080.62	343 524.51
2 20 00	352 031.89	351 466.24	350 900.39	350 334.36	349 768.14
2 22 30	358 315.82	357 740.06	357 164.11	356 587.97	356 011.64
2 25 00	364 599.62	364 013.76	363 427.70	362 841.46	362 255.02
2 27 30	370 883.29	370 287.34	369 691.18	369 094.82	368 498.27
2 30 00	377 166.84	376 560.78	375 954.51	375 348.05	374 741.38
2 32 30	383 450.25	382 834.09	382 217.72	381 601.15	380 984.37
2 35 00	389 733.53	389 107.26	388 480.79	387 854.12	387 227.23
2 37 30	396 016.67	395 380.30	394 743.72	394 106.94	393 469.94
2 40 00	402 299.67	401 653.21	401 006.52	400 359.63	399 712.52
2 42 30	408 582.53	407 925.97	407 269.18	406 612.18	405 954.96
2 45 00	414 865.25	414 190.58	413 531.70	412 864.59	412 197.26
2 47 30	421 147.83	420 471.06	419 794.07	419 116.85	418 439.41
2 50 00	427 430.25	426 743.39	426 056.29	425 368.96	424 681.41
2 52 30	433 712.53	433 015.56	432 318.36	431 620.93	430 923.26
2 55 00	439 994.66	439 287.59	438 580.28	437 872.74	437 164.96
2 57 30	446 276.63	445 559.46	444 842.05	444 124.40	443 406.51
3 00 00	452 558.45	451 831.18	451 103.65	450 375.90	449 647.91

Second-difference correction to x' for indicated values of h and Δλ

Δλ \ h	0" 150"	15" 135"	30" 120"	45" 105"	60" 90"	75" 75"
0°	0	0	0	0	0	0
1°	0	+.01	+.01	+.01	+.02	+.02
2°	+.01	+.02	+.02	+.03	+.03	+.03
3°	+.01	+.03	+.04	+.04	+.04	+.05

Correction for k is negligible

ALASKA – ZONES 2 TO 9
STATE PLANE COORDINATES IN FEET – Y

Δλ \ φ	65 40 00	65 42 30	65 45 00	65 47 30	65 50 00
0 00 00	4263 936.14	4279 177.66	4294 419.26	4309 660.94	4324 902.71
0 02 30	4263 938.23	4279 179.74	4294 421.34	4309 663.02	4324 904.79
0 05 00	4263 944.48	4279 185.98	4294 427.57	4309 669.24	4324 911.01
0 07 30	4263 954.89	4279 196.38	4294 437.96	4309 679.62	4324 921.37
0 10 00	4263 969.47	4279 210.95	4294 452.51	4309 694.15	4324 935.87
0 12 30	4263 988.22	4279 229.67	4294 471.20	4309 712.82	4324 954.53
0 15 00	4264 011.13	4279 252.55	4294 494.06	4309 735.65	4324 977.32
0 17 30	4264 038.21	4279 279.60	4294 521.07	4309 762.62	4325 004.26
0 20 00	4264 069.46	4279 310.80	4294 552.24	4309 793.75	4325 035.35
0 22 30	4264 104.87	4279 346.17	4294 587.56	4309 829.02	4325 070.58
0 25 00	4264 144.45	4279 385.70	4294 627.04	4309 868.45	4325 109.95
0 27 30	4264 188.20	4279 429.39	4294 670.67	4309 912.03	4325 153.48
0 30 00	4264 236.11	4279 477.24	4294 718.46	4309 959.76	4325 201.14
0 32 30	4264 288.18	4279 529.25	4294 770.40	4310 011.63	4325 252.95
0 35 00	4264 344.43	4279 585.42	4294 826.50	4310 067.66	4325 308.90
0 37 30	4264 404.84	4279 645.75	4294 886.75	4310 127.84	4325 369.00
0 40 00	4264 469.41	4279 710.25	4294 951.17	4310 192.16	4325 433.25
0 42 30	4264 538.15	4279 778.90	4295 019.73	4310 260.64	4325 501.64
0 45 00	4264 611.06	4279 851.71	4295 092.45	4310 333.27	4325 574.17
0 47 30	4264 688.14	4279 928.69	4295 169.33	4310 410.05	4325 650.85
0 50 00	4264 769.38	4280 009.83	4295 250.36	4310 490.98	4325 731.68
0 52 30	4264 854.78	4280 095.12	4295 335.55	4310 576.05	4325 816.64
0 55 00	4264 944.35	4280 184.58	4295 424.89	4310 665.28	4325 905.76
0 57 30	4265 038.09	4280 278.20	4295 518.39	4310 758.66	4325 999.01
1 00 00	4265 136.00	4280 375.98	4295 616.04	4310 856.19	4326 096.42
1 02 30	4265 238.07	4280 477.92	4295 717.85	4310 957.87	4326 197.96
1 05 00	4265 344.31	4280 584.02	4295 823.82	4311 063.70	4326 303.66
1 07 30	4265 454.71	4280 694.28	4295 933.94	4311 173.67	4326 413.50
1 10 00	4265 569.28	4280 808.70	4296 048.22	4311 287.80	4326 527.48
1 12 30	4265 688.01	4280 927.29	4296 166.65	4311 406.08	4326 645.60
1 15 00	4265 810.92	4281 050.03	4296 289.24	4311 528.51	4326 767.87
1 17 30	4265 937.99	4281 176.94	4296 415.98	4311 655.09	4326 894.29
1 20 00	4266 069.22	4281 308.01	4296 546.88	4311 785.82	4327 024.85
1 22 30	4266 204.62	4281 443.23	4296 681.93	4311 920.70	4327 159.56
1 25 00	4266 344.19	4281 582.62	4296 821.14	4312 059.73	4327 298.41
1 27 30	4266 487.92	4281 726.17	4296 964.51	4312 202.91	4327 441.40
1 30 00	4266 635.82	4281 873.88	4297 112.03	4312 350.25	4327 588.55
1 32 30	4266 787.88	4282 025.75	4297 263.70	4312 501.73	4327 739.83
1 35 00	4266 944.11	4282 181.78	4297 419.53	4312 657.36	4327 895.26
1 37 30	4267 104.51	4282 341.98	4297 579.52	4312 817.14	4328 054.83
1 40 00	4267 269.07	4282 506.33	4297 743.66	4312 981.07	4328 218.56
1 42 30	4267 437.81	4282 674.84	4297 911.96	4313 149.15	4328 386.42
1 45 00	4267 610.70	4282 847.52	4298 084.41	4313 321.38	4328 558.43
1 47 30	4267 787.76	4283 024.35	4298 261.02	4313 497.76	4328 734.59
1 50 00	4267 968.99	4283 205.35	4298 441.79	4313 678.29	4328 914.89
1 52 30	4268 154.39	4283 390.51	4298 626.71	4313 862.98	4329 099.33
1 55 00	4268 343.95	4283 579.82	4298 815.79	4314 051.81	4329 287.92
1 57 30	4268 537.68	4283 773.31	4299 009.01	4314 244.79	4329 480.65
2 00 00	4268 735.57	4283 970.94	4299 206.40	4314 441.93	4329 677.53
2 02 30	4268 937.63	4284 172.75	4299 407.94	4314 643.21	4329 878.55
2 05 00	4269 143.85	4284 378.71	4299 613.64	4314 848.64	4330 083.72
2 07 30	4269 354.25	4284 588.83	4299 823.50	4315 058.23	4330 293.03
2 10 00	4269 568.80	4284 803.11	4300 037.50	4315 271.96	4330 506.49
2 12 30	4269 787.53	4285 021.56	4300 255.67	4315 489.84	4330 724.09
2 15 00	4270 010.42	4285 244.17	4300 477.99	4315 711.88	4330 945.84
2 17 30	4270 237.48	4285 470.93	4300 704.46	4315 938.06	4331 171.73
2 20 00	4270 468.70	4285 701.86	4300 935.10	4316 168.39	4331 401.77
2 22 30	4270 704.09	4285 936.95	4301 169.88	4316 402.88	4331 635.95
2 25 00	4270 943.64	4286 176.19	4301 408.82	4316 641.51	4331 874.28
2 27 30	4271 187.37	4286 419.61	4301 651.92	4316 884.30	4332 116.75
2 30 00	4271 435.25	4286 667.18	4301 899.17	4317 131.23	4332 363.37
2 32 30	4271 687.31	4286 918.91	4302 150.58	4317 382.32	4332 614.13
2 35 00	4271 943.53	4287 174.80	4302 406.15	4317 637.55	4332 869.03
2 37 30	4272 203.92	4287 434.85	4302 665.87	4317 896.94	4333 128.08
2 40 00	4272 468.47	4287 699.07	4302 929.74	4318 160.47	4333 391.28
2 42 30	4272 737.19	4287 967.44	4303 197.77	4318 428.16	4333 658.62
2 45 00	4273 010.08	4288 239.98	4303 469.96	4318 700.00	4333 930.10
2 47 30	4273 287.12	4288 516.68	4303 746.30	4318 975.98	4334 205.73
2 50 00	4273 568.34	4288 797.53	4304 026.80	4319 256.12	4334 485.51
2 52 30	4273 853.73	4289 082.55	4304 311.45	4319 540.41	4334 769.43
2 55 00	4274 143.28	4289 371.73	4304 600.26	4319 828.84	4335 057.49
2 57 30	4274 436.99	4289 665.08	4304 893.22	4320 121.43	4335 349.70
3 00 00	4274 734.88	4289 962.57	4305 190.35	4320 418.17	4335 646.05

Second-difference correction to y for indicated value of k (for all Δλ's)

k	0" 150"	5" 145"	10" 140"	15" 135"	20" 130"	25" 125"	30" 120"	35" 115"	40" 110"	45" 105"	50" 100"	55" 95"	60" 90"	65" 85"	70" 80"	75" 75"
Correction	-.01	-.08	-.14	-.20	-.25	-.30	-.34	-.38	-.41	-.44	-.47	-.49	-.50	-.51	-.52	-.52

Correction for h is negligible

ALASKA – ZONES 2 TO 9
STATE PLANE COORDINATES IN FEET – X'

Δλ \ φ	65 50 00	65 52 30	65 55 00	65 57 30	66 00 00
0 00 00	0.00	0.00	0.00	0.00	0.00
0 02 30	6 247.01	6 236.89	6 226.78	6 216.65	6 206.53
0 05 00	12 494.01	12 473.78	12 453.55	12 433.31	12 413.06
0 07 30	18 741.01	18 710.67	18 680.32	18 649.95	18 619.58
0 10 00	24 988.01	24 947.55	24 907.08	24 866.59	24 826.10
0 12 30	31 234.99	31 184.42	31 133.83	31 083.23	31 032.60
0 15 00	37 481.97	37 421.28	37 360.57	37 299.85	37 239.10
0 17 30	43 728.93	43 658.13	43 587.30	43 516.45	43 445.58
0 20 00	49 975.87	49 894.96	49 814.01	49 733.05	49 652.05
0 22 30	56 222.80	56 131.77	56 040.71	55 949.62	55 858.50
0 25 00	62 469.71	62 368.56	62 267.39	62 166.17	62 064.93
0 27 30	68 716.60	68 605.34	68 494.04	68 382.71	68 271.34
0 30 00	74 963.46	74 842.08	74 720.67	74 599.22	74 477.73
0 32 30	81 210.29	81 078.81	80 947.28	80 815.70	80 684.08
0 35 00	87 457.10	87 315.50	87 173.85	87 032.16	86 890.41
0 37 30	93 703.88	93 552.16	93 400.40	93 248.58	93 096.71
0 40 00	99 950.62	99 788.79	99 626.91	99 464.97	99 302.98
0 42 30	106 197.33	106 025.39	105 853.38	105 681.32	105 509.21
0 45 00	112 444.00	112 261.94	112 079.82	111 897.64	111 715.40
0 47 30	118 690.63	118 498.46	118 306.22	118 113.92	117 921.56
0 50 00	124 937.22	124 734.93	124 532.58	124 330.16	124 127.67
0 52 30	131 183.77	130 971.37	130 758.89	130 546.35	130 333.74
0 55 00	137 430.27	137 207.75	136 985.16	136 762.50	136 539.76
0 57 30	143 676.72	143 444.09	143 211.38	142 978.60	142 745.73
1 00 00	149 923.12	149 680.38	149 437.55	149 194.64	148 951.66
1 02 30	156 169.47	155 916.61	155 663.67	155 410.64	155 157.53
1 05 00	162 415.76	162 152.79	161 889.73	161 626.58	161 363.35
1 07 30	168 662.00	168 388.91	168 115.73	167 842.46	167 569.10
1 10 00	174 908.17	174 624.97	174 341.68	174 058.28	173 774.80
1 12 30	181 154.29	180 860.98	180 567.56	180 274.05	179 980.44
1 15 00	187 400.34	187 096.91	186 793.38	186 489.75	186 186.01
1 17 30	193 646.33	193 332.78	193 019.13	192 705.38	192 391.52
1 20 00	199 892.25	199 568.59	199 244.82	198 920.94	198 596.96
1 22 30	206 138.10	205 804.32	205 470.44	205 136.44	204 802.33
1 25 00	212 383.87	212 039.98	211 695.98	211 351.86	211 007.63
1 27 30	218 629.57	218 275.57	217 921.45	217 567.21	217 212.85
1 30 00	224 875.20	224 511.08	224 146.84	223 782.48	223 418.00
1 32 30	231 120.74	230 746.50	230 372.15	229 997.57	229 623.06
1 35 00	237 366.20	236 981.86	236 597.38	236 212.78	235 828.05
1 37 30	243 611.58	243 217.12	242 822.53	242 427.80	242 032.95
1 40 00	249 856.88	249 452.30	249 047.59	248 642.74	248 237.77
1 42 30	256 102.08	255 687.39	255 272.57	254 857.60	254 442.50
1 45 00	262 347.20	261 922.39	261 497.45	261 072.36	260 647.14
1 47 30	268 592.23	268 157.30	267 722.24	267 287.03	266 851.68
1 50 00	274 837.15	274 392.12	273 946.94	273 501.61	273 056.14
1 52 30	281 081.99	280 626.84	280 171.54	279 716.09	279 260.49
1 55 00	287 326.72	286 861.45	286 396.04	285 930.47	285 464.74
1 57 30	293 571.35	293 095.98	292 620.44	292 144.75	291 668.90
2 00 00	299 815.88	299 330.39	298 844.74	298 358.92	297 872.95
2 02 30	306 060.31	305 564.70	305 068.93	304 573.00	304 076.90
2 05 00	312 304.62	311 798.90	311 293.02	310 786.96	310 280.74
2 07 30	318 548.83	318 033.00	317 516.99	317 000.81	316 484.47
2 10 00	324 792.93	324 266.98	323 740.86	323 214.55	322 688.09
2 12 30	331 036.91	330 500.84	329 964.60	329 428.18	328 891.59
2 15 00	337 280.77	336 734.59	336 188.24	335 641.69	335 094.98
2 17 30	343 524.51	342 968.22	342 411.75	341 855.08	341 298.24
2 20 00	349 768.14	349 201.74	348 635.14	348 068.36	347 501.39
2 22 30	356 011.64	355 435.12	354 858.41	354 281.51	353 704.42
2 25 00	362 255.02	361 668.38	361 081.55	360 494.53	359 907.31
2 27 30	368 498.27	367 901.52	367 304.57	366 707.42	366 110.08
2 30 00	374 741.38	374 134.52	373 527.46	372 920.19	372 312.72
2 32 30	380 984.37	380 367.40	379 750.21	379 132.82	378 515.23
2 35 00	387 227.23	386 600.14	385 972.83	385 345.32	384 717.61
2 37 30	393 469.94	392 832.74	392 195.32	391 557.69	390 919.85
2 40 00	399 712.52	399 065.20	398 417.66	397 769.91	397 121.95
2 42 30	405 954.96	405 297.52	404 639.87	403 981.99	403 323.91
2 45 00	412 197.26	411 529.71	410 861.94	410 193.94	409 525.73
2 47 30	418 439.41	417 761.74	417 083.85	416 405.74	415 727.40
2 50 00	424 681.41	423 993.63	423 305.62	422 617.38	421 928.93
2 52 30	430 923.26	430 225.37	429 527.24	428 828.88	428 130.31
2 55 00	437 164.96	436 456.96	435 748.72	435 040.23	434 331.53
2 57 30	443 406.51	442 688.39	441 970.03	441 251.43	440 532.60
3 00 00	449 647.91	448 919.67	448 191.19	447 462.47	446 733.51

Second-difference correction to x' for indicated values of h and Δλ

Δλ \ h	0" 150"	15" 135"	30" 120"	45" 105"	60" 90"	75" 75"
0°	0	0	0	0	0	0
1°	0	+.01	+.01	+.01	+.02	+.02
2°	+.01	+.02	+.02	+.03	+.03	+.03
3°	+.01	+.03	+.04	+.04	+.04	+.05

Correction for k is negligible

ALASKA – ZONES 2 TO 9
STATE PLANE COORDINATES IN FEET – Y

Δλ \ φ	65 50 00	65 52 30	65 55 00	65 57 30	66 00 00
0 00 00	4324 902.71	4340 144.56	4355 386.51	4370 628.53	4385 870.64
0 02 30	4324 904.79	4340 146.63	4355 388.57	4370 630.60	4385 872.70
0 05 00	4324 911.01	4340 152.84	4355 394.77	4370 636.79	4385 878.89
0 07 30	4324 921.37	4340 163.19	4355 405.11	4370 647.11	4385 889.19
0 10 00	4324 935.87	4340 177.68	4355 419.58	4370 661.56	4385 903.62
0 12 30	4324 954.53	4340 196.31	4355 438.18	4370 680.14	4385 922.18
0 15 00	4324 977.32	4340 219.08	4355 460.92	4370 702.85	4385 944.86
0 17 30	4325 004.26	4340 245.98	4355 487.79	4370 729.68	4385 971.66
0 20 00	4325 035.35	4340 277.03	4355 518.80	4370 760.65	4386 002.58
0 22 30	4325 070.58	4340 312.21	4355 553.94	4370 795.74	4386 037.63
0 25 00	4325 109.95	4340 351.54	4355 593.21	4370 834.97	4386 076.80
0 27 30	4325 153.48	4340 395.00	4355 636.62	4370 878.32	4386 120.10
0 30 00	4325 201.14	4340 442.60	4355 684.16	4370 925.80	4386 167.52
0 32 30	4325 252.95	4340 494.35	4355 735.84	4370 977.41	4386 219.06
0 35 00	4325 308.90	4340 550.23	4355 791.65	4371 033.14	4386 274.72
0 37 30	4325 369.00	4340 610.25	4355 851.59	4371 093.01	4386 334.51
0 40 00	4325 433.25	4340 674.41	4355 915.67	4371 157.01	4386 398.42
0 42 30	4325 501.64	4340 742.71	4355 983.88	4371 225.13	4386 466.45
0 45 00	4325 574.17	4340 815.15	4356 056.23	4371 297.38	4386 538.61
0 47 30	4325 650.85	4340 891.73	4356 132.70	4371 373.76	4386 614.89
0 50 00	4325 731.68	4340 972.45	4356 213.32	4371 454.27	4386 695.30
0 52 30	4325 816.64	4341 057.31	4356 298.07	4371 538.91	4386 779.83
0 55 00	4325 905.76	4341 146.31	4356 386.95	4371 627.67	4386 868.48
0 57 30	4325 999.01	4341 239.45	4356 479.97	4371 720.57	4386 961.25
1 00 00	4326 096.42	4341 336.72	4356 577.12	4371 817.59	4387 058.15
1 02 30	4326 197.96	4341 438.14	4356 678.40	4371 918.75	4387 159.17
1 05 00	4326 303.66	4341 543.70	4356 783.82	4372 024.03	4387 264.31
1 07 30	4326 413.50	4341 653.39	4356 893.37	4372 133.44	4387 373.58
1 10 00	4326 527.48	4341 767.22	4357 007.06	4372 246.98	4387 486.97
1 12 30	4326 645.60	4341 885.20	4357 124.88	4372 364.65	4387 604.49
1 15 00	4326 767.87	4342 007.31	4357 246.84	4372 486.44	4387 726.12
1 17 30	4326 894.29	4342 133.57	4357 372.93	4372 612.37	4387 851.88
1 20 00	4327 024.85	4342 263.96	4357 503.15	4372 742.42	4387 981.77
1 22 30	4327 159.56	4342 398.49	4357 637.50	4372 876.60	4388 115.77
1 25 00	4327 298.41	4342 537.16	4357 776.00	4373 014.91	4388 253.91
1 27 30	4327 441.40	4342 679.97	4357 918.62	4373 157.36	4388 396.16
1 30 00	4327 588.55	4342 826.92	4358 065.38	4373 303.92	4388 542.54
1 32 30	4327 739.83	4342 978.01	4358 216.28	4373 454.62	4388 693.04
1 35 00	4327 895.26	4343 133.24	4358 371.30	4373 609.44	4388 847.66
1 37 30	4328 054.83	4343 292.61	4358 530.47	4373 768.40	4389 006.41
1 40 00	4328 218.56	4343 456.12	4358 693.76	4373 931.48	4389 169.28
1 42 30	4328 386.42	4343 623.76	4358 861.19	4374 098.70	4389 336.27
1 45 00	4328 558.43	4343 795.55	4359 032.75	4374 270.04	4389 507.39
1 47 30	4328 734.59	4343 971.48	4359 208.45	4374 445.51	4389 682.63
1 50 00	4328 914.89	4344 151.54	4359 388.28	4374 625.11	4389 861.99
1 52 30	4329 099.33	4344 335.75	4359 572.25	4374 808.83	4390 045.48
1 55 00	4329 287.92	4344 524.09	4359 760.35	4374 996.69	4390 233.09
1 57 30	4329 480.65	4344 716.58	4359 952.59	4375 188.67	4390 424.82
2 00 00	4329 677.53	4344 913.20	4360 148.95	4375 384.78	4390 620.68
2 02 30	4329 878.55	4345 113.96	4360 349.45	4375 585.02	4390 820.66
2 05 00	4330 083.72	4345 318.87	4360 554.09	4375 789.39	4391 024.76
2 07 30	4330 293.03	4345 527.91	4360 762.86	4375 997.89	4391 232.99
2 10 00	4330 506.49	4345 741.09	4360 975.77	4376 210.52	4391 445.34
2 12 30	4330 724.09	4345 958.41	4361 192.81	4376 427.28	4391 661.81
2 15 00	4330 945.84	4346 179.87	4361 413.98	4376 648.16	4391 882.41
2 17 30	4331 171.73	4346 405.47	4361 639.28	4376 873.17	4392 107.13
2 20 00	4331 401.77	4346 635.21	4361 868.72	4377 102.32	4392 335.97
2 22 30	4331 635.95	4346 869.09	4362 102.30	4377 335.59	4392 568.93
2 25 00	4331 874.28	4347 107.11	4362 340.01	4377 572.99	4392 806.02
2 27 30	4332 116.75	4347 349.26	4362 581.85	4377 814.51	4393 047.24
2 30 00	4332 363.37	4347 595.56	4362 827.83	4378 060.17	4393 292.57
2 32 30	4332 614.13	4347 846.00	4363 077.94	4378 309.96	4393 542.03
2 35 00	4332 869.03	4348 100.57	4363 332.18	4378 563.87	4393 795.61
2 37 30	4333 128.08	4348 359.29	4363 590.56	4378 821.91	4394 053.32
2 40 00	4333 391.28	4348 622.14	4363 853.08	4379 084.09	4394 315.15
2 42 30	4333 658.62	4348 889.14	4364 119.73	4379 350.39	4394 581.10
2 45 00	4333 930.10	4349 160.27	4364 390.51	4379 620.82	4394 851.18
2 47 30	4334 205.73	4349 435.54	4364 665.42	4379 895.37	4395 125.38
2 50 00	4334 485.51	4349 714.95	4364 944.47	4380 174.06	4395 403.70
2 52 30	4334 769.43	4349 998.51	4365 227.66	4380 456.88	4395 686.15
2 55 00	4335 057.49	4350 286.20	4365 514.97	4380 743.82	4395 972.71
2 57 30	4335 349.70	4350 578.03	4365 806.43	4381 034.89	4396 263.41
3 00 00	4335 646.05	4350 874.00	4366 102.01	4381 330.09	4396 558.22

Second-difference correction to y for indicated value of k (for all Δλ's)

k	0" 150"	5" 145"	10" 140"	15" 135"	20" 130"	25" 125"	30" 120"	35" 115"	40" 110"	45" 105"	50" 100"	55" 95"	60" 90"	65" 85"	70" 80"	75" 75"
Correction	-.01	-.08	-.14	-.20	-.25	-.30	-.34	-.38	-.41	-.44	-.47	-.49	-.50	-.51	-.52	-.52

Correction for h is negligible

ALASKA – ZONES 2 TO 9
STATE PLANE COORDINATES IN FEET – X'

Δλ \ φ	66 00 00	66 02 30	66 05 00	66 07 30	66 10 00
0 00 00	0.00	0.00	0.00	0.00	0.00
0 02 30	6 206.53	6 196.40	6 186.27	6 176.14	6 166.00
0 05 00	12 413.06	12 392.80	12 372.54	12 352.27	12 331.99
0 07 30	18 619.58	18 589.20	18 558.80	18 528.40	18 497.99
0 10 00	24 826.10	24 785.58	24 745.06	24 704.52	24 663.97
0 12 30	31 032.60	30 981.97	30 931.31	30 880.64	30 829.95
0 15 00	37 239.10	37 178.33	37 117.55	37 056.74	36 995.91
0 17 30	43 445.58	43 374.69	43 303.77	43 232.83	43 161.87
0 20 00	49 652.05	49 571.03	49 489.98	49 408.90	49 327.80
0 22 30	55 858.50	55 767.35	55 676.17	55 584.96	55 493.72
0 25 00	62 064.93	61 963.65	61 862.34	61 761.00	61 659.62
0 27 30	68 271.34	68 159.94	68 048.50	67 937.02	67 825.50
0 30 00	74 477.73	74 356.19	74 234.62	74 113.00	73 991.35
0 32 30	80 684.08	80 552.42	80 420.72	80 288.97	80 157.18
0 35 00	86 890.41	86 748.63	86 606.79	86 464.91	86 322.98
0 37 30	93 096.71	92 944.80	92 792.83	92 640.82	92 488.75
0 40 00	99 302.98	99 140.93	98 978.83	98 816.69	98 654.48
0 42 30	105 509.21	105 337.04	105 164.81	104 992.52	104 820.18
0 45 00	111 715.40	111 533.10	111 350.75	111 168.32	110 985.84
0 47 30	117 921.56	117 729.13	117 536.64	117 344.08	117 151.47
0 50 00	124 127.67	123 925.11	123 722.49	123 519.81	123 317.05
0 52 30	130 333.74	130 121.05	129 908.30	129 695.48	129 482.59
0 55 00	136 539.76	136 316.95	136 094.06	135 871.11	135 648.08
0 57 30	142 745.73	142 512.80	142 279.78	142 046.69	141 813.52
1 00 00	148 951.66	148 708.59	148 465.44	148 222.22	147 978.91
1 02 30	155 157.53	154 904.33	154 651.06	154 397.69	154 144.25
1 05 00	161 363.35	161 100.02	160 836.61	160 573.12	160 309.54
1 07 30	167 569.10	167 295.65	167 022.11	166 748.49	166 474.77
1 10 00	173 774.80	173 491.22	173 207.55	172 923.79	172 639.93
1 12 30	179 980.44	179 686.73	179 392.93	179 099.03	178 805.04
1 15 00	186 186.01	185 882.18	185 578.25	185 274.22	184 970.08
1 17 30	192 391.52	192 077.56	191 763.50	191 449.33	191 135.06
1 20 00	198 596.96	198 272.87	197 948.68	197 624.38	197 299.97
1 22 30	204 802.33	204 468.12	204 133.79	203 799.36	203 464.81
1 25 00	211 007.63	210 663.29	210 318.83	209 974.26	209 629.58
1 27 30	217 212.85	216 858.38	216 503.79	216 149.09	215 794.27
1 30 00	223 418.00	223 053.40	222 688.68	222 323.84	221 958.88
1 32 30	229 623.06	229 248.33	228 873.49	228 498.51	228 123.42
1 35 00	235 828.05	235 443.19	235 058.21	234 673.11	234 287.87
1 37 30	242 032.95	241 637.97	241 242.86	240 847.62	240 452.24
1 40 00	248 237.77	247 832.66	247 427.42	247 022.04	246 616.53
1 42 30	254 442.50	254 027.26	253 611.88	253 196.37	252 780.72
1 45 00	260 647.14	260 221.77	259 796.27	259 370.62	258 944.83
1 47 30	266 851.68	266 416.19	265 980.55	265 544.77	265 108.85
1 50 00	273 056.14	272 610.51	272 164.75	271 718.83	271 272.77
1 52 30	279 260.49	278 804.74	278 348.84	277 892.79	277 436.60
1 55 00	285 464.74	284 998.87	284 532.84	284 066.66	283 600.32
1 57 30	291 668.90	291 192.90	290 716.73	290 240.42	289 763.94
2 00 00	297 872.95	297 386.82	296 900.53	296 414.08	295 927.47
2 02 30	304 076.90	303 580.64	303 084.22	302 587.63	302 090.89
2 05 00	310 280.74	309 774.35	309 267.80	308 761.08	308 254.19
2 07 30	316 484.47	315 967.95	315 451.27	314 934.42	314 417.39
2 10 00	322 688.09	322 161.44	321 634.63	321 107.64	320 580.47
2 12 30	328 891.59	328 354.82	327 817.87	327 280.75	326 743.45
2 15 00	335 094.98	334 548.08	334 001.00	333 453.74	332 906.31
2 17 30	341 298.24	340 741.21	340 184.01	339 626.62	339 069.04
2 20 00	347 501.39	346 934.23	346 366.90	345 799.37	345 231.66
2 22 30	353 704.42	353 127.13	352 549.66	351 972.00	351 394.15
2 25 00	359 907.31	359 319.90	358 732.30	358 144.50	357 556.52
2 27 30	366 110.08	365 512.55	364 914.81	364 316.88	363 718.76
2 30 00	372 312.72	371 705.06	371 097.19	370 489.13	369 880.87
2 32 30	378 515.23	377 897.44	377 279.45	376 661.25	376 042.85
2 35 00	384 717.61	384 089.69	383 461.57	382 833.23	382 204.69
2 37 30	390 919.85	390 281.80	389 643.54	389 005.08	388 366.40
2 40 00	397 121.95	396 473.77	395 825.39	395 176.79	394 527.97
2 42 30	403 323.91	402 665.61	402 007.09	401 348.35	400 689.41
2 45 00	409 525.73	408 857.30	408 188.65	407 519.78	406 850.69
2 47 30	415 727.40	415 048.85	414 370.06	413 691.06	413 011.83
2 50 00	421 928.93	421 240.24	420 551.33	419 862.19	419 172.83
2 52 30	428 130.31	427 431.49	426 732.45	426 033.17	425 333.67
2 55 00	434 331.53	433 622.59	432 913.41	432 204.00	431 494.37
2 57 30	440 532.60	439 813.53	439 094.22	438 374.68	437 654.91
3 00 00	446 733.51	446 004.31	445 274.88	444 545.20	443 815.29

Second-difference correction to x' for indicated values of h and Δλ

Δλ \ h	0" 150"	15" 135"	30" 120"	45" 105"	60" 90"	75" 75"
0°	0	0	0	0	0	0
1°	0	+.01	+.01	+.01	+.02	+.02
2°	+.01	+.02	+.02	+.03	+.03	+.03
3°	+.01	+.03	+.04	+.04	+.04	+.05

Correction for k is negligible

ALASKA – ZONES 2 TO 9
STATE PLANE COORDINATES IN FEET – Y

Δλ \ φ	66 00 00	66 02 30	66 05 00	66 07 30	66 10 00
0 00 00	4385 870.64	4401 112.82	4416 355.10	4431 597.46	4446 839.91
0 02 30	4385 872.70	4401 114.88	4416 357.16	4431 599.52	4446 841.96
0 05 00	4385 878.89	4401 121.06	4416 363.33	4431 605.68	4446 848.11
0 07 30	4385 889.19	4401 131.35	4416 373.61	4431 615.94	4446 858.36
0 10 00	4385 903.62	4401 145.77	4416 388.00	4431 630.32	4446 872.72
0 12 30	4385 922.18	4401 164.30	4416 406.51	4431 648.80	4446 891.17
0 15 00	4385 944.86	4401 186.95	4416 429.13	4431 671.39	4446 913.73
0 17 30	4385 971.66	4401 213.71	4416 455.86	4431 698.08	4446 940.40
0 20 00	4386 002.58	4401 244.60	4416 486.70	4431 728.89	4446 971.16
0 22 30	4386 037.63	4401 279.60	4416 521.66	4431 763.80	4447 006.02
0 25 00	4386 076.80	4401 318.72	4416 560.73	4431 802.82	4447 044.99
0 27 30	4386 120.10	4401 361.96	4416 603.91	4431 845.94	4447 088.05
0 30 00	4386 167.52	4401 409.31	4416 651.20	4431 893.17	4447 135.23
0 32 30	4386 219.06	4401 460.79	4416 702.61	4431 944.51	4447 186.50
0 35 00	4386 274.72	4401 516.38	4416 758.12	4431 999.96	4447 241.87
0 37 30	4386 334.51	4401 576.09	4416 817.76	4432 059.51	4447 301.34
0 40 00	4386 398.42	4401 639.92	4416 881.50	4432 123.17	4447 364.92
0 42 30	4386 466.45	4401 707.86	4416 949.36	4432 190.94	4447 432.59
0 45 00	4386 538.61	4401 779.93	4417 021.33	4432 262.81	4447 504.38
0 47 30	4386 614.89	4401 856.11	4417 097.41	4432 338.79	4447 580.25
0 50 00	4386 695.30	4401 936.41	4417 177.60	4432 418.88	4447 660.24
0 52 30	4386 779.83	4402 020.82	4417 261.91	4432 503.07	4447 744.32
0 55 00	4386 868.48	4402 109.36	4417 350.32	4432 591.38	4447 832.51
0 57 30	4386 961.25	4402 202.01	4417 442.86	4432 683.79	4447 924.79
1 00 00	4387 058.15	4402 298.78	4417 539.50	4432 780.30	4448 021.19
1 02 30	4387 159.17	4402 399.67	4417 640.26	4432 880.93	4448 121.67
1 05 00	4387 264.31	4402 504.68	4417 745.12	4432 985.66	4448 226.27
1 07 30	4387 373.58	4402 613.80	4417 854.11	4433 094.50	4448 334.96
1 10 00	4387 486.97	4402 727.04	4417 967.20	4433 207.44	4448 447.76
1 12 30	4387 604.49	4402 844.40	4418 084.41	4433 324.49	4448 564.66
1 15 00	4387 726.12	4402 965.88	4418 205.73	4433 445.65	4448 685.65
1 17 30	4387 851.88	4403 091.48	4418 331.16	4433 570.92	4448 810.75
1 20 00	4387 981.77	4403 221.19	4418 460.70	4433 700.29	4448 939.95
1 22 30	4388 115.77	4403 355.02	4418 594.36	4433 833.77	4449 073.26
1 25 00	4388 253.91	4403 492.97	4418 732.13	4433 971.35	4449 210.66
1 27 30	4388 396.16	4403 635.04	4418 874.00	4434 113.05	4449 352.17
1 30 00	4388 542.54	4403 781.23	4419 020.00	4434 258.85	4449 497.78
1 32 30	4388 693.04	4403 931.53	4419 170.10	4434 408.76	4449 647.49
1 35 00	4388 847.66	4404 085.95	4419 324.32	4434 562.77	4449 801.30
1 37 30	4389 006.41	4404 244.49	4419 482.65	4434 720.90	4449 959.22
1 40 00	4389 169.28	4404 407.15	4419 645.10	4434 883.13	4450 121.23
1 42 30	4389 336.27	4404 573.92	4419 811.65	4435 049.47	4450 287.35
1 45 00	4389 507.39	4404 744.81	4419 982.32	4435 219.91	4450 457.57
1 47 30	4389 682.63	4404 919.82	4420 157.10	4435 394.46	4450 631.89
1 50 00	4389 861.99	4405 098.96	4420 336.00	4435 573.11	4450 810.31
1 52 30	4390 045.48	4405 282.20	4420 519.00	4435 755.88	4450 992.83
1 55 00	4390 233.09	4405 469.56	4420 706.12	4435 942.75	4451 179.46
1 57 30	4390 424.82	4405 661.05	4420 897.35	4436 133.73	4451 370.18
2 00 00	4390 620.68	4405 856.65	4421 092.69	4436 328.82	4451 565.01
2 02 30	4390 820.66	4406 056.37	4421 292.15	4436 528.01	4451 763.94
2 05 00	4391 024.76	4406 260.20	4421 495.72	4436 731.31	4451 966.97
2 07 30	4391 232.99	4406 468.16	4421 703.40	4436 938.72	4452 174.11
2 10 00	4391 445.34	4406 680.22	4421 915.19	4437 150.23	4452 385.34
2 12 30	4391 661.81	4406 896.42	4422 131.10	4437 365.86	4452 600.68
2 15 00	4391 882.41	4407 116.72	4422 351.12	4437 585.58	4452 820.12
2 17 30	4392 107.13	4407 341.15	4422 575.25	4437 809.42	4453 043.66
2 20 00	4392 335.97	4407 569.69	4422 803.49	4438 037.36	4453 271.30
2 22 30	4392 568.93	4407 802.35	4423 035.85	4438 269.41	4453 503.04
2 25 00	4392 806.02	4408 039.13	4423 272.31	4438 505.56	4453 738.88
2 27 30	4393 047.24	4408 280.03	4423 512.89	4438 745.83	4453 978.83
2 30 00	4393 292.57	4408 525.04	4423 757.59	4438 990.20	4454 222.88
2 32 30	4393 542.03	4408 774.17	4424 006.39	4439 238.68	4454 471.03
2 35 00	4393 795.61	4409 027.42	4424 259.31	4439 491.26	4454 723.28
2 37 30	4394 053.32	4409 284.79	4424 516.34	4439 747.95	4454 979.63
2 40 00	4394 315.15	4409 546.28	4424 777.48	4440 008.75	4455 240.09
2 42 30	4394 581.10	4409 811.88	4425 042.74	4440 273.66	4455 504.64
2 45 00	4394 851.18	4410 081.61	4425 312.10	4440 542.67	4455 773.30
2 47 30	4395 125.38	4410 355.45	4425 585.58	4440 815.79	4456 046.05
2 50 00	4395 403.70	4410 633.41	4425 863.18	4441 093.02	4456 322.91
2 52 30	4395 686.15	4410 915.48	4426 144.88	4441 374.35	4456 603.88
2 55 00	4395 972.71	4411 201.67	4426 430.70	4441 659.79	4456 888.94
2 57 30	4396 263.41	4411 491.98	4426 720.63	4441 949.34	4457 178.11
3 00 00	4396 558.22	4411 786.41	4427 014.67	4442 242.99	4457 471.37

Second-difference correction to y for indicated value of k (for all Δλ's)

k	0" 150"	5" 145"	10" 140"	15" 135"	20" 130"	25" 125"	30" 120"	35" 115"	40" 110"	45" 105"	50" 100"	55" 95"	60" 90"	65" 85"	70" 80"	75" 75"
Correction	-.01	-.08	-.14	-.20	-.25	-.30	-.34	-.38	-.41	-.44	-.47	-.49	-.50	-.51	-.52	-.52

Correction for h is negligible

ALASKA – ZONES 2 TO 9
STATE PLANE COORDINATES IN FEET – X'

Δλ \ φ	66 10 00	66 12 30	66 15 00	66 17 30	66 20 00
0 00 00	0.00	0.00	0.00	0.00	0.00
0 02 30	6 166.00	6 155.86	6 145.71	6 135.57	6 125.41
0 05 00	12 331.99	12 311.71	12 291.42	12 271.13	12 250.83
0 07 30	18 497.99	18 467.56	18 437.13	18 406.69	18 376.23
0 10 00	24 663.97	24 623.41	24 582.83	24 542.24	24 501.64
0 12 30	30 829.95	30 779.24	30 728.52	30 677.78	30 627.03
0 15 00	36 995.91	36 935.07	36 874.20	36 813.32	36 752.41
0 17 30	43 161.87	43 090.88	43 019.87	42 948.83	42 877.78
0 20 00	49 327.80	49 246.67	49 165.52	49 084.34	49 003.13
0 22 30	55 493.72	55 402.45	55 311.16	55 219.82	55 128.47
0 25 00	61 659.62	61 558.21	61 456.77	61 355.29	61 253.78
0 27 30	67 825.50	67 713.95	67 602.36	67 490.74	67 379.08
0 30 00	73 991.35	73 869.66	73 747.93	73 626.16	73 504.34
0 32 30	80 157.18	80 025.35	79 893.47	79 761.55	79 629.59
0 35 00	86 322.98	86 181.01	86 038.98	85 896.91	85 754.80
0 37 30	92 488.75	92 336.63	92 184.47	92 032.25	91 879.99
0 40 00	98 654.48	98 492.22	98 329.91	98 167.55	98 005.14
0 42 30	104 820.18	104 647.78	104 475.33	104 302.82	104 130.25
0 45 00	110 985.84	110 803.31	110 620.71	110 438.05	110 255.33
0 47 30	117 151.47	116 958.79	116 766.04	116 573.24	116 380.37
0 50 00	123 317.05	123 114.23	122 911.34	122 708.39	122 505.37
0 52 30	129 482.59	129 269.62	129 056.59	128 843.49	128 630.32
0 55 00	135 648.08	135 424.98	135 201.80	134 978.55	134 755.23
0 57 30	141 813.52	141 580.27	141 346.95	141 113.56	140 880.09
1 00 00	147 978.91	147 735.52	147 492.06	147 248.52	147 004.90
1 02 30	154 144.25	153 890.73	153 637.12	153 383.43	153 129.65
1 05 00	160 309.54	160 045.87	159 782.12	159 518.28	159 254.35
1 07 30	166 474.77	166 200.96	165 927.06	165 653.07	165 379.00
1 10 00	172 639.93	172 355.98	172 071.94	171 787.81	171 503.58
1 12 30	178 805.04	178 510.95	178 216.76	177 922.48	177 628.11
1 15 00	184 970.08	184 665.85	184 361.52	184 057.09	183 752.57
1 17 30	191 135.06	190 820.69	190 506.21	190 191.64	189 876.96
1 20 00	197 299.97	196 975.46	196 650.84	196 326.11	196 001.28
1 22 30	203 464.81	203 130.15	202 795.39	202 460.52	202 125.54
1 25 00	209 629.58	209 284.78	208 939.87	208 594.85	208 249.72
1 27 30	215 794.27	215 439.33	215 084.28	214 729.11	214 373.83
1 30 00	221 958.88	221 593.81	221 228.61	220 863.30	220 497.86
1 32 30	228 123.42	227 748.20	227 372.86	226 997.40	226 621.81
1 35 00	234 287.87	233 902.51	233 517.03	233 131.42	232 745.68
1 37 30	240 452.24	240 056.74	239 661.12	239 265.36	238 869.47
1 40 00	246 616.53	246 210.89	245 805.12	245 399.21	244 993.17
1 42 30	252 780.72	252 364.95	251 949.03	251 532.98	251 116.79
1 45 00	258 944.83	258 518.92	258 092.85	257 666.65	257 240.31
1 47 30	265 108.85	264 672.79	264 236.58	263 800.23	263 363.74
1 50 00	271 272.77	270 826.57	270 380.22	269 933.72	269 487.08
1 52 30	277 436.60	276 980.25	276 523.76	276 067.12	275 610.32
1 55 00	283 600.32	283 133.84	282 667.20	282 200.41	281 733.47
1 57 30	289 763.94	289 287.32	288 810.53	288 333.60	287 856.51
2 00 00	295 927.47	295 440.70	294 953.77	294 466.69	293 979.44
2 02 30	302 090.89	301 593.98	301 096.90	300 599.67	300 102.28
2 05 00	308 254.19	307 747.14	307 239.93	306 732.55	306 225.00
2 07 30	314 417.39	313 900.20	313 382.84	312 865.32	312 347.62
2 10 00	320 580.47	320 053.15	319 525.64	318 997.96	318 470.12
2 12 30	326 743.45	326 205.98	325 668.33	325 130.50	324 592.51
2 15 00	332 906.31	332 358.70	331 810.90	331 262.93	330 714.78
2 17 30	339 069.04	338 511.29	337 953.35	337 395.23	336 836.93
2 20 00	345 231.66	344 663.76	344 095.68	343 527.42	342 958.97
2 22 30	351 394.15	350 816.12	350 237.89	349 659.48	349 080.88
2 25 00	357 556.52	356 968.34	356 379.97	355 791.41	355 202.66
2 27 30	363 718.76	363 120.44	362 521.93	361 923.22	361 324.32
2 30 00	369 880.87	369 272.41	368 663.76	368 054.91	367 445.85
2 32 30	376 042.85	375 424.25	374 805.45	374 186.45	373 567.25
2 35 00	382 204.69	381 575.96	380 947.01	380 317.86	379 688.51
2 37 30	388 366.40	387 727.53	387 088.44	386 449.14	385 809.64
2 40 00	394 527.97	393 878.96	393 229.72	392 580.27	391 930.62
2 42 30	400 689.41	400 030.25	399 370.86	398 711.28	398 051.47
2 45 00	406 850.69	406 181.39	405 511.87	404 842.13	404 172.17
2 47 30	413 011.83	412 332.39	411 652.72	410 972.84	410 292.73
2 50 00	419 172.83	418 483.25	417 793.44	417 103.40	416 413.15
2 52 30	425 333.67	424 633.95	423 933.99	423 233.82	422 533.41
2 55 00	431 494.37	430 784.51	430 074.40	429 364.08	428 653.52
2 57 30	437 654.91	436 934.90	436 214.66	435 494.18	434 773.47
3 00 00	443 815.29	443 085.14	442 354.76	441 624.14	440 893.27

Second-difference correction to x' for indicated values of h and Δλ

Δλ \ h	0" 150"	15" 135"	30" 120"	45" 105"	60" 90"	75" 75"
0°	0	0	0	0	0	0
1°	0	+.01	+.01	+.01	+.02	+.02
2°	+.01	+.02	+.02	+.03	+.03	+.03
3°	+.01	+.03	+.04	+.04	+.04	+.05

Correction for k is negligible

ALASKA – ZONES 2 TO 9
STATE PLANE COORDINATES IN FEET – Y

Δλ \ φ	66 10 00	66 12 30	66 15 00	66 17 30	66 20 00
0 00 00	4446 839.91	4462 082.43	4477 325.04	4492 567.73	4507 810.51
0 02 30	4446 841.96	4462 084.48	4477 327.08	4492 569.77	4507 812.55
0 05 00	4446 848.11	4462 090.62	4477 333.22	4492 575.90	4507 818.67
0 07 30	4446 858.36	4462 100.86	4477 343.45	4492 586.11	4507 828.87
0 10 00	4446 872.72	4462 115.20	4477 357.76	4492 600.41	4507 843.15
0 12 30	4446 891.17	4462 133.63	4477 376.17	4492 618.80	4507 861.51
0 15 00	4446 913.73	4462 156.16	4477 398.67	4492 641.27	4507 883.95
0 17 30	4446 940.40	4462 182.79	4477 425.26	4492 667.82	4507 910.47
0 20 00	4446 971.16	4462 213.51	4477 455.94	4492 698.46	4507 941.07
0 22 30	4447 006.02	4462 248.33	4477 490.71	4492 733.19	4507 975.74
0 25 00	4447 044.99	4462 287.24	4477 529.58	4492 772.00	4508 014.50
0 27 30	4447 088.05	4462 330.25	4477 572.53	4492 814.89	4508 057.34
0 30 00	4447 135.23	4462 377.36	4477 619.57	4492 861.87	4508 104.26
0 32 30	4447 186.50	4462 428.56	4477 670.71	4492 912.94	4508 155.26
0 35 00	4447 241.87	4462 483.86	4477 725.94	4492 968.09	4508 210.34
0 37 30	4447 301.34	4462 543.26	4477 785.25	4493 027.33	4508 269.50
0 40 00	4447 364.92	4462 606.75	4477 848.66	4493 090.65	4508 332.73
0 42 30	4447 432.59	4462 674.34	4477 916.16	4493 158.06	4508 400.05
0 45 00	4447 504.38	4462 746.02	4477 987.75	4493 229.56	4508 471.45
0 47 30	4447 580.25	4462 821.80	4478 063.43	4493 305.13	4508 546.93
0 50 00	4447 660.24	4462 901.68	4478 143.20	4493 384.80	4508 626.48
0 52 30	4447 744.32	4462 985.65	4478 227.06	4493 468.55	4508 710.12
0 55 00	4447 832.51	4463 073.72	4478 315.01	4493 556.38	4508 797.84
0 57 30	4447 924.79	4463 165.88	4478 407.05	4493 648.30	4508 889.64
1 00 00	4448 021.19	4463 262.15	4478 503.18	4493 744.31	4508 985.52
1 02 30	4448 121.67	4463 362.50	4478 603.41	4493 844.40	4509 085.47
1 05 00	4448 226.27	4463 466.96	4478 707.73	4493 948.58	4509 189.51
1 07 30	4448 334.96	4463 575.51	4478 816.13	4494 056.84	4509 297.62
1 10 00	4448 447.76	4463 688.15	4478 928.63	4494 169.18	4509 409.82
1 12 30	4448 564.66	4463 804.90	4479 045.21	4494 285.61	4509 526.10
1 15 00	4448 685.65	4463 925.73	4479 165.89	4494 406.13	4509 646.45
1 17 30	4448 810.75	4464 050.67	4479 290.66	4494 530.73	4509 770.89
1 20 00	4448 939.95	4464 179.70	4479 419.52	4494 659.42	4509 899.40
1 22 30	4449 073.26	4464 312.83	4479 552.47	4494 792.19	4510 032.00
1 25 00	4449 210.66	4464 450.05	4479 689.51	4494 929.05	4510 168.68
1 27 30	4449 352.17	4464 591.37	4479 830.64	4495 070.00	4510 309.43
1 30 00	4449 497.78	4464 736.79	4479 975.87	4495 215.03	4510 454.27
1 32 30	4449 647.49	4464 886.30	4480 125.18	4495 364.15	4510 603.18
1 35 00	4449 801.30	4465 039.91	4480 278.58	4495 517.34	4510 756.18
1 37 30	4449 959.22	4465 197.61	4480 436.08	4495 674.63	4510 913.25
1 40 00	4450 121.23	4465 359.41	4480 597.67	4495 836.00	4511 074.41
1 42 30	4450 287.35	4465 525.31	4480 763.34	4496 001.45	4511 239.65
1 45 00	4450 457.57	4465 695.30	4480 933.11	4496 170.99	4511 408.96
1 47 30	4450 631.89	4465 869.39	4481 106.97	4496 344.62	4511 582.35
1 50 00	4450 810.31	4466 047.58	4481 284.91	4496 522.33	4511 759.83
1 52 30	4450 992.83	4466 229.86	4481 466.96	4496 704.13	4511 941.38
1 55 00	4451 179.46	4466 416.23	4481 653.09	4496 890.01	4512 127.01
1 57 30	4451 370.18	4466 606.71	4481 843.31	4497 079.98	4512 316.73
2 00 00	4451 565.01	4466 801.28	4482 037.62	4497 274.03	4512 510.52
2 02 30	4451 763.94	4466 999.94	4482 236.02	4497 472.17	4512 708.39
2 05 00	4451 966.97	4467 202.71	4482 438.51	4497 674.39	4512 910.35
2 07 30	4452 174.11	4467 409.57	4482 645.10	4497 880.70	4513 116.38
2 10 00	4452 385.34	4467 620.52	4482 855.77	4498 091.09	4513 326.49
2 12 30	4452 600.68	4467 835.57	4483 070.53	4498 305.57	4513 540.68
2 15 00	4452 820.12	4468 054.72	4483 289.39	4498 524.14	4513 758.96
2 17 30	4453 043.66	4468 277.96	4483 512.34	4498 746.79	4513 981.31
2 20 00	4453 271.30	4468 505.30	4483 739.38	4498 973.52	4514 207.74
2 22 30	4453 503.04	4468 736.74	4483 970.51	4499 204.34	4514 438.25
2 25 00	4453 738.88	4468 972.27	4484 205.72	4499 439.25	4514 672.84
2 27 30	4453 978.83	4469 211.90	4484 445.03	4499 678.24	4514 911.51
2 30 00	4454 222.88	4469 455.62	4484 688.43	4499 921.31	4515 154.26
2 32 30	4454 471.03	4469 703.45	4484 935.92	4500 168.47	4515 401.09
2 35 00	4454 723.28	4469 955.36	4485 187.51	4500 419.72	4515 652.00
2 37 30	4454 979.63	4470 211.37	4485 443.18	4500 675.05	4515 906.99
2 40 00	4455 240.09	4470 471.48	4485 702.94	4500 934.47	4516 166.07
2 42 30	4455 504.64	4470 735.68	4485 966.79	4501 197.97	4516 429.21
2 45 00	4455 773.30	4471 003.98	4486 234.74	4501 465.56	4516 696.44
2 47 30	4456 046.05	4471 276.39	4486 506.77	4501 737.23	4516 967.75
2 50 00	4456 322.91	4471 552.88	4486 782.90	4502 012.99	4517 243.14
2 52 30	4456 603.88	4471 833.46	4487 063.12	4502 292.83	4517 522.61
2 55 00	4456 888.94	4472 118.15	4487 347.42	4502 576.76	4517 806.15
2 57 30	4457 178.11	4472 406.93	4487 635.82	4502 864.77	4518 093.78
3 00 00	4457 471.37	4472 699.81	4487 928.31	4503 156.87	4518 385.49

Second-difference correction to y for indicated value of k (for all Δλ's)

k	0" 150"	5" 145"	10" 140"	15" 135"	20" 130"	25" 125"	30" 120"	35" 115"	40" 110"	45" 105"	50" 100"	55" 95"	60" 90"	65" 85"	70" 80"	75" 75"
Correction	-.01	-.08	-.14	-.20	-.25	-.30	-.34	-.38	-.41	-.44	-.47	-.49	-.50	-.51	-.52	-.52

Correction for h is negligible

ALASKA – ZONES 2 TO 9
STATE PLANE COORDINATES IN FEET – X'

Δλ \ φ	66 20 00	66 22 30	66 25 00	66 27 30	66 30 00
0 00 00	0.00	0.00	0.00	0.00	0.00
0 02 30	6 125.41	6 115.26	6 105.10	6 094.94	6 084.78
0 05 00	12 250.83	12 230.52	12 210.20	12 189.88	12 169.55
0 07 30	18 376.23	18 345.77	18 315.30	18 284.82	18 254.32
0 10 00	24 501.64	24 461.02	24 420.39	24 379.74	24 339.09
0 12 30	30 627.03	30 576.26	30 525.47	30 474.66	30 423.84
0 15 00	36 752.41	36 691.49	36 630.54	36 569.57	36 508.59
0 17 30	42 877.78	42 806.70	42 735.60	42 664.47	42 593.32
0 20 00	49 003.13	48 921.90	48 840.64	48 759.35	48 678.04
0 22 30	55 128.47	55 037.08	54 945.66	54 854.21	54 762.73
0 25 00	61 253.78	61 152.24	61 050.67	60 949.06	60 847.41
0 27 30	67 379.08	67 267.38	67 155.65	67 043.88	66 932.07
0 30 00	73 504.34	73 382.49	73 260.60	73 138.67	73 016.70
0 32 30	79 629.59	79 497.58	79 365.53	79 233.44	79 101.31
0 35 00	85 754.80	85 612.64	85 470.44	85 328.19	85 185.89
0 37 30	91 879.99	91 727.67	91 575.31	91 422.90	91 270.44
0 40 00	98 005.14	97 842.67	97 680.15	97 517.57	97 354.95
0 42 30	104 130.25	103 957.63	103 784.95	103 612.22	103 439.43
0 45 00	110 255.33	110 072.56	109 889.72	109 706.82	109 523.87
0 47 30	116 380.37	116 187.44	115 994.45	115 801.39	115 608.28
0 50 00	122 505.37	122 302.28	122 099.13	121 895.91	121 692.63
0 52 30	128 630.32	128 417.08	128 203.78	127 990.40	127 776.95
0 55 00	134 755.23	134 531.83	134 308.37	134 084.83	133 861.22
0 57 30	140 880.09	140 646.54	140 412.92	140 179.22	139 945.45
1 00 00	147 004.90	146 761.19	146 517.41	146 273.56	146 029.62
1 02 30	153 129.65	152 875.80	152 621.86	152 367.84	152 113.73
1 05 00	159 254.35	158 990.34	158 726.25	158 462.07	158 197.80
1 07 30	165 379.00	165 104.83	164 830.58	164 556.24	164 281.81
1 10 00	171 503.58	171 219.26	170 934.85	170 650.35	170 365.76
1 12 30	177 628.11	177 333.63	177 039.06	176 744.40	176 449.64
1 15 00	183 752.57	183 447.94	183 143.21	182 838.39	182 533.47
1 17 30	189 876.96	189 562.18	189 247.30	188 932.31	188 617.22
1 20 00	196 001.28	195 676.35	195 351.31	195 026.16	194 700.91
1 22 30	202 125.54	201 790.45	201 455.25	201 119.95	200 784.53
1 25 00	208 249.72	207 904.48	207 559.12	207 213.66	206 868.08
1 27 30	214 373.83	214 018.43	213 662.92	213 307.29	212 951.55
1 30 00	220 497.86	220 132.31	219 766.64	219 400.85	219 034.95
1 32 30	226 621.81	226 246.11	225 870.28	225 494.33	225 118.26
1 35 00	232 745.68	232 359.82	231 973.84	231 587.73	231 201.50
1 37 30	238 869.47	238 473.46	238 077.31	237 681.05	237 284.65
1 40 00	244 993.17	244 587.00	244 180.70	243 774.28	243 367.72
1 42 30	251 116.79	250 700.46	250 284.01	249 867.42	249 450.69
1 45 00	257 240.31	256 813.83	256 387.22	255 960.47	255 533.58
1 47 30	263 363.74	262 927.11	262 490.34	262 053.43	261 616.38
1 50 00	269 487.08	269 040.30	268 593.37	268 146.30	267 699.08
1 52 30	275 610.32	275 153.38	274 696.30	274 239.06	273 781.68
1 55 00	281 733.47	281 266.37	280 799.13	280 331.74	279 864.19
1 57 30	287 856.51	287 379.26	286 901.86	286 424.30	285 946.59
2 00 00	293 979.44	293 492.04	293 004.48	292 516.77	292 028.89
2 02 30	300 102.28	299 604.72	299 107.01	298 609.13	298 111.09
2 05 00	306 225.00	305 717.29	305 209.42	304 701.38	304 193.18
2 07 30	312 347.62	311 829.75	311 311.72	310 793.53	310 275.16
2 10 00	318 470.12	317 942.10	317 413.91	316 885.55	316 357.03
2 12 30	324 592.51	324 054.34	323 515.99	322 977.47	322 438.78
2 15 00	330 714.78	330 166.45	329 617.96	329 069.28	328 520.42
2 17 30	336 836.93	336 278.46	335 719.80	335 160.96	334 601.94
2 20 00	342 958.97	342 390.34	341 821.52	341 252.52	340 683.33
2 22 30	349 080.88	348 502.09	347 923.12	347 343.96	346 764.61
2 25 00	355 202.66	354 613.72	354 024.59	353 435.27	352 845.76
2 27 30	361 324.32	360 725.22	360 125.94	359 526.46	358 926.78
2 30 00	367 445.85	366 836.60	366 227.15	365 617.52	365 007.68
2 32 30	373 567.25	372 947.84	372 328.24	371 708.44	371 088.43
2 35 00	379 688.51	379 058.95	378 429.19	377 799.23	377 169.06
2 37 30	385 809.64	385 169.92	384 530.01	383 889.88	383 249.55
2 40 00	391 930.62	391 280.76	390 630.68	389 980.40	389 329.91
2 42 30	398 051.47	397 391.45	396 731.22	396 070.78	395 410.12
2 45 00	404 172.17	403 502.00	402 831.61	402 161.01	401 490.19
2 47 30	410 292.73	409 612.41	408 931.86	408 251.10	407 570.11
2 50 00	416 413.15	415 722.66	415 031.96	414 341.03	413 649.89
2 52 30	422 533.41	421 832.77	421 131.91	420 430.83	419 729.52
2 55 00	428 653.52	427 942.73	427 231.71	426 520.47	425 808.99
2 57 30	434 773.47	434 052.53	433 331.36	432 609.96	431 888.32
3 00 00	440 893.27	440 162.18	439 430.85	438 699.29	437 967.48

Second-difference correction to x' for indicated values of h and Δλ

Δλ \ h	0" 150"	15" 135"	30" 120"	45" 105"	60" 90"	75" 75"
0°	0	0	0	0	0	0
1°	0	+.01	+.01	+.01	+.02	+.02
2°	+.01	+.02	+.02	+.03	+.03	+.03
3°	+.01	+.03	+.04	+.04	+.04	+.05

Correction for k is negligible

ALASKA – ZONES 2 TO 9
STATE PLANE COORDINATES IN FEET – Y

Δλ \ φ	66 20 00	66 22 30	66 25 00	66 27 30	66 30 00
0 00 00	4507 810.51	4523 053.37	4538 296.31	4553 539.34	4568 782.45
0 02 30	4507 812.55	4523 055.41	4538 298.35	4553 541.37	4568 784.47
0 05 00	4507 818.67	4523 061.52	4538 304.45	4553 547.46	4568 790.56
0 07 30	4507 828.87	4523 071.70	4538 314.62	4553 557.62	4568 800.71
0 10 00	4507 843.15	4523 085.96	4538 328.87	4553 571.84	4568 814.91
0 12 30	4507 861.51	4523 104.30	4538 347.18	4553 590.13	4568 833.17
0 15 00	4507 883.95	4523 126.71	4538 369.55	4553 612.48	4568 855.49
0 17 30	4507 910.47	4523 153.19	4538 396.00	4553 638.89	4568 881.87
0 20 00	4507 941.07	4523 183.75	4538 426.52	4553 669.37	4568 912.30
0 22 30	4507 975.74	4523 218.38	4538 461.11	4553 703.91	4568 946.79
0 25 00	4508 014.50	4523 257.09	4538 499.76	4553 742.51	4568 985.35
0 27 30	4508 057.34	4523 299.87	4538 542.48	4553 785.18	4569 027.95
0 30 00	4508 104.26	4523 346.73	4538 589.28	4553 831.91	4569 074.62
0 32 30	4508 155.26	4523 397.66	4538 640.14	4553 882.70	4569 125.35
0 35 00	4508 210.34	4523 452.66	4538 695.07	4553 937.56	4569 180.13
0 37 30	4508 269.50	4523 511.74	4538 754.07	4553 996.48	4569 238.97
0 40 00	4508 332.73	4523 574.89	4538 817.14	4554 059.46	4569 301.86
0 42 30	4508 400.05	4523 642.12	4538 884.27	4554 126.51	4569 368.82
0 45 00	4508 471.45	4523 713.42	4538 955.48	4554 197.62	4569 439.84
0 47 30	4508 546.93	4523 788.80	4539 030.76	4554 272.79	4569 514.91
0 50 00	4508 626.48	4523 868.25	4539 110.10	4554 352.03	4569 594.04
0 52 30	4508 710.12	4523 951.78	4539 193.52	4554 435.33	4569 677.23
0 55 00	4508 797.84	4524 039.38	4539 281.00	4554 522.69	4569 764.48
0 57 30	4508 889.64	4524 131.05	4539 372.55	4554 614.12	4569 855.78
1 00 00	4508 985.52	4524 226.80	4539 468.17	4554 709.61	4569 951.14
1 02 30	4509 085.47	4524 326.62	4539 567.86	4554 809.17	4570 050.56
1 05 00	4509 189.51	4524 430.52	4539 671.62	4554 912.78	4570 154.04
1 07 30	4509 297.62	4524 538.49	4539 779.44	4555 020.47	4570 261.57
1 10 00	4509 409.82	4524 650.54	4539 891.34	4555 132.21	4570 373.17
1 12 30	4509 526.10	4524 766.66	4540 007.30	4555 248.02	4570 488.82
1 15 00	4509 646.45	4524 886.85	4540 127.33	4555 367.89	4570 608.53
1 17 30	4509 770.89	4525 011.12	4540 251.44	4555 491.83	4570 732.30
1 20 00	4509 899.40	4525 139.47	4540 379.61	4555 619.83	4570 860.12
1 22 30	4510 032.00	4525 271.89	4540 511.85	4555 751.89	4570 992.01
1 25 00	4510 168.68	4525 408.38	4540 648.16	4555 888.01	4571 127.94
1 27 30	4510 309.43	4525 548.95	4540 788.54	4556 028.20	4571 267.94
1 30 00	4510 454.27	4525 693.59	4540 932.98	4556 172.45	4571 412.00
1 32 30	4510 603.18	4525 842.30	4541 081.50	4556 320.77	4571 560.12
1 35 00	4510 756.18	4525 995.09	4541 234.08	4556 473.15	4571 712.29
1 37 30	4510 913.25	4526 151.96	4541 390.74	4556 629.59	4571 868.52
1 40 00	4511 074.41	4526 312.90	4541 551.46	4556 790.10	4572 028.81
1 42 30	4511 239.65	4526 477.91	4541 716.25	4556 954.67	4572 193.16
1 45 00	4511 408.96	4526 647.00	4541 885.11	4557 123.30	4572 361.56
1 47 30	4511 582.35	4526 820.16	4542 058.04	4557 295.99	4572 534.02
1 50 00	4511 759.83	4526 997.39	4542 235.04	4557 472.75	4572 710.54
1 52 30	4511 941.38	4527 178.70	4542 416.10	4557 653.57	4572 891.12
1 55 00	4512 127.01	4527 364.09	4542 601.24	4557 838.46	4573 075.76
1 57 30	4512 316.73	4527 553.55	4542 790.44	4558 027.41	4573 264.45
2 00 00	4512 510.52	4527 747.08	4542 983.72	4558 220.42	4573 457.20
2 02 30	4512 708.39	4527 944.69	4543 181.06	4558 417.50	4573 654.01
2 05 00	4512 910.35	4528 146.37	4543 382.47	4558 618.64	4573 854.88
2 07 30	4513 116.38	4528 352.13	4543 587.95	4558 823.84	4574 059.81
2 10 00	4513 326.49	4528 561.96	4543 797.50	4559 033.11	4574 268.79
2 12 30	4513 540.68	4528 775.86	4544 011.12	4559 246.44	4574 481.83
2 15 00	4513 758.96	4528 993.85	4544 228.80	4559 463.83	4574 698.93
2 17 30	4513 981.31	4529 215.90	4544 450.56	4559 685.29	4574 920.09
2 20 00	4514 207.74	4529 442.03	4544 676.39	4559 910.81	4575 145.30
2 22 30	4514 438.25	4529 672.23	4544 906.28	4560 140.39	4575 374.57
2 25 00	4514 672.84	4529 906.50	4545 140.24	4560 374.03	4575 607.90
2 27 30	4514 911.51	4530 144.85	4545 378.27	4560 611.75	4575 845.29
2 30 00	4515 154.26	4530 387.28	4545 620.37	4560 853.52	4576 086.74
2 32 30	4515 401.09	4530 633.78	4545 866.53	4561 099.36	4576 332.24
2 35 00	4515 652.00	4530 884.35	4546 116.77	4561 349.26	4576 581.80
2 37 30	4515 906.99	4531 139.00	4546 371.08	4561 603.22	4576 835.42
2 40 00	4516 166.07	4531 397.72	4546 629.45	4561 861.24	4577 093.10
2 42 30	4516 429.21	4531 660.52	4546 891.90	4562 123.33	4577 354.83
2 45 00	4516 696.44	4531 927.39	4547 158.41	4562 389.49	4577 620.62
2 47 30	4516 967.75	4532 198.34	4547 428.99	4562 659.70	4577 890.48
2 50 00	4517 243.14	4532 473.36	4547 703.64	4562 933.98	4578 164.38
2 52 30	4517 522.61	4532 752.45	4547 982.36	4563 212.32	4578 442.35
2 55 00	4517 806.15	4533 035.62	4548 265.14	4563 494.73	4578 724.37
2 57 30	4518 093.78	4533 322.86	4548 552.00	4563 781.20	4579 010.45
3 00 00	4518 385.49	4533 614.18	4548 842.92	4564 071.73	4579 300.59

Second-difference correction to y for indicated value of k (for all Δλ's)

k	0" 150"	5" 145"	10" 140"	15" 135"	20" 130"	25" 125"	30" 120"	35" 115"	40" 110"	45" 105"	50" 100"	55" 95"	60" 90"	65" 85"	70" 80"	75" 75"
Correction	-.01	-.08	-.14	-.20	-.25	-.30	-.34	-.38	-.41	-.44	-.47	-.49	-.50	-.51	-.52	-.52

Correction for h is negligible

ALASKA – ZONES 2 TO 9
STATE PLANE COORDINATES IN FEET – X'

Δλ \ φ	66 30 00	66 32 30	66 35 00	66 37 30	66 40 00
0 00 00	0.00	0.00	0.00	0.00	0.00
0 02 30	6 084.78	6 074.61	6 064.44	6 054.27	6 044.09
0 05 00	12 169.55	12 149.22	12 128.88	12 108.53	12 088.17
0 07 30	18 254.32	18 223.82	18 193.31	18 162.79	18 132.26
0 10 00	24 339.09	24 298.42	24 257.74	24 217.04	24 176.33
0 12 30	30 423.84	30 373.01	30 322.15	30 271.28	30 220.40
0 15 00	36 508.59	36 447.58	36 386.56	36 325.52	36 264.46
0 17 30	42 593.32	42 522.15	42 450.96	42 379.74	42 308.50
0 20 00	48 678.04	48 596.70	48 515.33	48 433.94	48 352.52
0 22 30	54 762.73	54 671.23	54 579.69	54 488.13	54 396.53
0 25 00	60 847.41	60 745.74	60 644.04	60 542.30	60 440.53
0 27 30	66 932.07	66 820.23	66 708.35	66 596.44	66 484.49
0 30 00	73 016.70	72 894.69	72 772.65	72 650.56	72 528.43
0 32 30	79 101.31	78 969.13	78 836.92	78 704.66	78 572.35
0 35 00	85 185.89	85 043.54	84 901.16	84 758.72	84 616.24
0 37 30	91 270.44	91 117.92	90 965.37	90 812.76	90 660.10
0 40 00	97 354.95	97 192.27	97 029.54	96 866.76	96 703.93
0 42 30	103 439.43	103 266.58	103 093.68	102 920.73	102 747.72
0 45 00	109 523.87	109 340.86	109 157.79	108 974.66	108 791.47
0 47 30	115 608.28	115 415.09	115 221.85	115 028.55	114 835.18
0 50 00	121 692.63	121 489.29	121 285.88	121 082.40	120 878.86
0 52 30	127 776.95	127 563.44	127 349.85	127 136.20	126 922.48
0 55 00	133 861.22	133 637.54	133 413.78	133 189.96	132 966.07
0 57 30	139 945.45	139 711.60	139 477.67	139 243.67	139 009.60
1 00 00	146 029.62	145 785.60	145 541.51	145 297.33	145 053.08
1 02 30	152 113.73	151 859.56	151 605.29	151 350.94	151 096.51
1 05 00	158 197.80	157 933.45	157 669.01	157 404.49	157 139.89
1 07 30	164 281.81	164 007.29	163 732.68	163 457.99	163 183.21
1 10 00	170 365.76	170 081.07	169 796.29	169 511.43	169 226.47
1 12 30	176 449.64	176 154.79	175 859.84	175 564.80	175 269.67
1 15 00	182 533.47	182 228.45	181 923.33	181 618.11	181 312.80
1 17 30	188 617.22	188 302.04	187 986.75	187 671.36	187 355.87
1 20 00	194 700.91	194 375.56	194 050.10	193 724.54	193 398.87
1 22 30	200 784.53	200 449.01	200 113.38	199 777.65	199 441.80
1 25 00	206 868.08	206 522.39	206 176.59	205 830.68	205 484.66
1 27 30	212 951.55	212 595.70	212 239.72	211 883.64	211 527.44
1 30 00	219 034.95	218 668.92	218 302.78	217 936.53	217 570.15
1 32 30	225 118.26	224 742.07	224 365.76	223 989.33	223 612.78
1 35 00	231 201.50	230 815.14	230 428.65	230 042.05	229 655.32
1 37 30	237 284.65	236 888.12	236 491.47	236 094.69	235 697.79
1 40 00	243 367.72	242 961.02	242 554.20	242 147.25	241 740.16
1 42 30	249 450.69	249 033.83	248 616.84	248 199.71	247 782.45
1 45 00	255 533.58	255 106.55	254 679.39	254 252.09	253 824.65
1 47 30	261 616.38	261 179.18	260 741.85	260 304.37	259 866.76
1 50 00	267 699.08	267 251.72	266 804.21	266 356.57	265 908.78
1 52 30	273 781.68	273 324.15	272 866.48	272 408.66	271 950.69
1 55 00	279 864.19	279 396.49	278 928.65	278 460.66	277 992.51
1 57 30	285 946.59	285 468.73	284 990.72	284 512.55	284 034.23
2 00 00	292 028.89	291 540.87	291 052.68	290 564.34	290 075.84
2 02 30	298 111.09	297 612.90	297 114.54	296 616.03	296 117.35
2 05 00	304 193.18	303 684.82	303 176.29	302 667.61	302 158.76
2 07 30	310 275.16	309 756.63	309 237.93	308 719.08	308 200.05
2 10 00	316 357.03	315 828.33	315 299.46	314 770.43	314 241.23
2 12 30	322 438.78	321 899.92	321 360.88	320 821.67	320 282.29
2 15 00	328 520.42	327 971.39	327 422.18	326 872.80	326 323.24
2 17 30	334 601.94	334 042.74	333 483.36	332 923.81	332 364.07
2 20 00	340 683.33	340 113.97	339 544.42	338 974.70	338 404.78
2 22 30	346 764.61	346 185.08	345 605.36	345 025.46	344 445.37
2 25 00	352 845.76	352 256.06	351 666.17	351 076.10	350 485.83
2 27 30	358 926.78	358 326.91	357 726.86	357 126.61	356 526.17
2 30 00	365 007.68	364 397.65	363 787.42	363 177.00	362 566.37
2 32 30	371 088.43	370 468.24	369 847.84	369 227.24	368 606.45
2 35 00	377 169.06	376 538.70	375 908.13	375 277.36	374 646.39
2 37 30	383 249.55	382 609.02	381 968.28	381 327.34	380 686.19
2 40 00	389 329.91	388 679.21	388 028.30	387 377.18	386 725.86
2 42 30	395 410.12	394 749.25	394 088.17	393 426.89	392 765.38
2 45 00	401 490.19	400 819.16	400 147.91	399 476.45	398 804.77
2 47 30	407 570.11	406 888.91	406 207.49	405 525.86	404 844.00
2 50 00	413 649.89	412 958.52	412 266.93	411 575.12	410 883.10
2 52 30	419 729.52	419 027.98	418 326.22	417 624.25	416 922.04
2 55 00	425 808.99	425 097.30	424 385.37	423 673.21	422 960.83
2 57 30	431 888.32	431 166.45	430 444.35	429 722.02	428 999.46
3 00 00	437 967.48	437 235.45	436 503.18	435 770.68	435 037.94

Second-difference correction to x' for indicated values of h and Δλ

Δλ \ h	0" 150"	15" 135"	30" 120"	45" 105"	60" 90"	75" 75"
0°	0	0	0	0	0	0
1°	0	+.01	+.01	+.01	+.02	+.02
2°	+.01	+.02	+.02	+.03	+.03	+.03
3°	+.01	+.03	+.04	+.04	+.04	+.05

Correction for k is negligible

ALASKA – ZONES 2 TO 9
STATE PLANE COORDINATES IN FEET – Y

Δλ \ φ	66 30 00	66 32 30	66 35 00	66 37 30	66 40 00
0 00 00	4568 782.45	4584 025.64	4599 268.91	4614 512.27	4629 755.71
0 02 30	4568 784.47	4584 027.67	4599 270.94	4614 514.29	4629 757.73
0 05 00	4568 790.56	4584 033.74	4599 277.01	4614 520.35	4629 763.78
0 07 30	4568 800.71	4584 043.88	4599 287.13	4614 530.45	4629 773.87
0 10 00	4568 814.91	4584 058.06	4599 301.29	4614 544.60	4629 788.00
0 12 30	4568 833.17	4584 076.30	4599 319.50	4614 562.78	4629 806.16
0 15 00	4568 855.49	4584 098.59	4599 341.76	4614 585.01	4629 828.36
0 17 30	4568 881.87	4584 124.93	4599 368.06	4614 611.28	4629 854.59
0 20 00	4568 912.30	4584 155.32	4599 398.42	4614 641.59	4629 884.86
0 22 30	4568 946.79	4584 189.76	4599 432.82	4614 675.94	4629 919.16
0 25 00	4568 985.35	4584 228.27	4599 471.26	4614 714.34	4629 957.50
0 27 30	4569 027.95	4584 270.81	4599 513.76	4614 756.77	4629 999.88
0 30 00	4569 074.62	4584 317.42	4599 560.30	4614 803.25	4630 046.30
0 32 30	4569 125.35	4584 368.07	4599 610.88	4614 853.77	4630 096.75
0 35 00	4569 180.13	4584 422.78	4599 665.51	4614 908.33	4630 151.23
0 37 30	4569 238.97	4584 481.54	4599 724.20	4614 966.93	4630 209.75
0 40 00	4569 301.86	4584 544.36	4599 786.93	4615 029.57	4630 272.31
0 42 30	4569 368.82	4584 611.22	4599 853.70	4615 096.25	4630 338.90
0 45 00	4569 439.84	4584 682.14	4599 924.52	4615 166.98	4630 409.53
0 47 30	4569 514.91	4584 757.11	4599 999.39	4615 241.75	4630 484.19
0 50 00	4569 594.04	4584 836.13	4600 078.31	4615 320.56	4630 562.89
0 52 30	4569 677.23	4584 919.21	4600 161.27	4615 403.40	4630 645.63
0 55 00	4569 764.48	4585 006.34	4600 248.28	4615 490.30	4630 732.40
0 57 30	4569 855.78	4585 097.52	4600 339.34	4615 581.23	4630 823.21
1 00 00	4569 951.14	4585 192.75	4600 434.44	4615 676.20	4630 918.05
1 02 30	4570 050.56	4585 292.03	4600 533.59	4615 775.21	4631 016.93
1 05 00	4570 154.04	4585 395.37	4600 636.78	4615 878.27	4631 119.84
1 07 30	4570 261.57	4585 502.76	4600 744.03	4615 985.37	4631 226.80
1 10 00	4570 373.17	4585 614.20	4600 855.32	4616 096.51	4631 337.78
1 12 30	4570 488.82	4585 729.70	4600 970.66	4616 211.69	4631 452.81
1 15 00	4570 608.53	4585 849.25	4601 090.04	4616 330.91	4631 571.87
1 17 30	4570 732.30	4585 972.85	4601 213.47	4616 454.18	4631 694.96
1 20 00	4570 860.12	4586 100.50	4601 340.95	4616 581.48	4631 822.09
1 22 30	4570 992.01	4586 232.20	4601 472.48	4616 712.82	4631 953.26
1 25 00	4571 127.94	4586 367.96	4601 608.05	4616 848.21	4632 088.46
1 27 30	4571 267.94	4586 507.77	4601 747.67	4616 987.64	4632 227.70
1 30 00	4571 412.00	4586 651.63	4601 891.34	4617 131.11	4632 370.97
1 32 30	4571 560.12	4586 799.55	4602 039.05	4617 278.62	4632 518.28
1 35 00	4571 712.29	4586 951.51	4602 190.81	4617 430.18	4632 669.63
1 37 30	4571 868.52	4587 107.53	4602 346.62	4617 585.77	4632 825.01
1 40 00	4572 028.81	4587 267.61	4602 506.47	4617 745.41	4632 984.43
1 42 30	4572 193.16	4587 431.73	4602 670.37	4617 909.08	4633 147.88
1 45 00	4572 361.56	4587 599.91	4602 838.32	4618 076.80	4633 315.37
1 47 30	4572 534.02	4587 772.13	4603 010.31	4618 248.56	4633 486.90
1 50 00	4572 710.54	4587 948.41	4603 186.35	4618 424.36	4633 662.45
1 52 30	4572 891.12	4588 128.75	4603 366.44	4618 604.21	4633 842.05
1 55 00	4573 075.76	4588 313.13	4603 550.58	4618 788.09	4634 025.68
1 57 30	4573 264.45	4588 501.57	4603 738.76	4618 976.01	4634 213.35
2 00 00	4573 457.20	4588 694.06	4603 930.99	4619 167.98	4634 405.05
2 02 30	4573 654.01	4588 890.60	4604 127.26	4619 363.99	4634 600.80
2 05 00	4573 854.88	4589 091.20	4604 327.58	4619 564.04	4634 800.57
2 07 30	4574 059.81	4589 295.85	4604 531.96	4619 768.13	4635 004.38
2 10 00	4574 268.79	4589 504.54	4604 740.37	4619 976.26	4635 212.23
2 12 30	4574 481.83	4589 717.30	4604 952.83	4620 188.43	4635 424.11
2 15 00	4574 698.93	4589 934.10	4605 169.34	4620 404.65	4635 640.03
2 17 30	4574 920.09	4590 154.96	4605 389.90	4620 624.90	4635 859.98
2 20 00	4575 145.30	4590 379.87	4605 614.50	4620 849.20	4636 083.97
2 22 30	4575 374.57	4590 608.83	4605 843.15	4621 077.54	4636 312.00
2 25 00	4575 607.90	4590 841.84	4606 075.85	4621 309.91	4636 544.06
2 27 30	4575 845.29	4591 078.91	4606 312.59	4621 546.33	4636 780.16
2 30 00	4576 086.74	4591 320.03	4606 553.38	4621 786.80	4637 020.29
2 32 30	4576 332.24	4591 565.20	4606 798.22	4622 031.30	4637 264.46
2 35 00	4576 581.80	4591 814.42	4607 047.10	4622 279.84	4637 512.66
2 37 30	4576 835.42	4592 067.70	4607 300.03	4622 532.43	4637 764.90
2 40 00	4577 093.10	4592 325.02	4607 557.01	4622 789.05	4638 021.18
2 42 30	4577 354.83	4592 586.40	4607 818.03	4623 049.72	4638 281.48
2 45 00	4577 620.62	4592 851.83	4608 083.10	4623 314.43	4638 545.83
2 47 30	4577 890.48	4593 121.32	4608 352.22	4623 583.18	4638 814.21
2 50 00	4578 164.38	4593 394.85	4608 625.39	4623 855.97	4639 086.63
2 52 30	4578 442.35	4593 672.44	4608 902.60	4624 132.81	4639 363.08
2 55 00	4578 724.37	4593 954.08	4609 183.85	4624 413.68	4639 643.57
2 57 30	4579 010.45	4594 239.78	4609 469.16	4624 698.60	4639 928.10
3 00 00	4579 300.59	4594 529.52	4609 758.51	4624 987.55	4640 216.66

Second-difference correction to y for indicated value of k (for all Δλ's)

k	0" 150"	5" 145"	10" 140"	15" 135"	20" 130"	25" 125"	30" 120"	35" 115"	40" 110"	45" 105"	50" 100"	55" 95"	60" 90"	65" 85"	70" 80"	75" 75"
Correction	-.01	-.08	-.14	-.19	-.24	-.29	-.33	-.37	-.40	-.43	-.45	-.47	-.49	-.50	-.51	-.51

Correction for h is negligible

ALASKA – ZONES 2 TO 9
STATE PLANE COORDINATES IN FEET – X'

Δλ \ φ	66 40 00	66 42 30	66 45 00	66 47 30	66 50 00
0 00 00	0.00	0.00	0.00	0.00	0.00
0 02 30	6 044.09	6 033.91	6 023.72	6 013.54	6 003.35
0 05 00	12 088.17	12 067.81	12 047.45	12 027.07	12 006.69
0 07 30	18 132.26	18 101.72	18 071.16	18 040.60	18 010.03
0 10 00	24 176.33	24 135.61	24 094.88	24 054.13	24 013.37
0 12 30	30 220.40	30 169.50	30 118.58	30 067.64	30 016.70
0 15 00	36 264.46	36 203.37	36 142.27	36 081.15	36 020.01
0 17 30	42 308.50	42 237.24	42 165.95	42 094.64	42 023.31
0 20 00	48 352.52	48 271.08	48 189.61	48 108.12	48 026.60
0 22 30	54 396.53	54 304.91	54 213.26	54 121.58	54 029.87
0 25 00	60 440.53	60 338.72	60 236.88	60 135.02	60 033.11
0 27 30	66 484.49	66 372.51	66 260.49	66 148.43	66 036.34
0 30 00	72 528.43	72 406.27	72 284.07	72 161.83	72 039.55
0 32 30	78 572.35	78 440.01	78 307.62	78 175.19	78 042.72
0 35 00	84 616.24	84 473.72	84 331.14	84 188.53	84 045.87
0 37 30	90 660.10	90 507.39	90 354.64	90 201.84	90 048.99
0 40 00	96 703.93	96 541.04	96 378.10	96 215.11	96 052.07
0 42 30	102 747.72	102 574.65	102 401.53	102 228.35	102 055.12
0 45 00	108 791.47	108 608.22	108 424.92	108 241.56	108 058.13
0 47 30	114 835.18	114 641.76	114 448.27	114 254.72	114 061.10
0 50 00	120 878.86	120 675.25	120 471.58	120 267.84	120 064.04
0 52 30	126 922.48	126 708.69	126 494.84	126 280.92	126 066.93
0 55 00	132 966.07	132 742.10	132 518.06	132 293.95	132 069.77
0 57 30	139 009.60	138 775.45	138 541.23	138 306.93	138 072.56
1 00 00	145 053.08	144 808.75	144 564.35	144 319.87	144 075.30
1 02 30	151 096.51	150 842.01	150 587.42	150 332.74	150 077.99
1 05 00	157 139.89	156 875.20	156 610.43	156 345.57	156 080.63
1 07 30	163 183.21	162 908.34	162 633.38	162 358.34	162 083.21
1 10 00	169 226.47	168 941.42	168 656.28	168 371.05	168 085.73
1 12 30	175 269.67	174 974.44	174 679.11	174 383.69	174 088.19
1 15 00	181 312.80	181 007.39	180 701.88	180 396.28	180 090.58
1 17 30	187 355.87	187 040.28	186 724.59	186 408.80	186 092.91
1 20 00	193 398.87	193 073.10	192 747.23	192 421.25	192 095.17
1 22 30	199 441.80	199 105.85	198 769.79	198 433.63	198 097.36
1 25 00	205 484.66	205 138.53	204 792.29	204 445.93	204 099.47
1 27 30	211 527.44	211 171.13	210 814.71	210 458.17	210 101.52
1 30 00	217 570.15	217 203.66	216 837.05	216 470.33	216 103.49
1 32 30	223 612.78	223 236.11	222 859.31	222 482.41	222 105.38
1 35 00	229 655.32	229 268.47	228 881.49	228 494.40	228 107.18
1 37 30	235 697.79	235 300.76	234 903.60	234 506.31	234 108.90
1 40 00	241 740.16	241 332.95	240 925.61	240 518.14	240 110.54
1 42 30	247 782.45	247 365.06	246 947.53	246 529.88	246 112.09
1 45 00	253 824.65	253 397.08	252 969.37	252 541.53	252 113.55
1 47 30	259 866.76	259 429.01	258 991.12	258 553.09	258 114.92
1 50 00	265 908.78	265 460.84	265 012.77	264 564.55	264 116.19
1 52 30	271 950.69	271 492.58	271 034.32	270 575.92	270 117.37
1 55 00	277 992.51	277 524.22	277 055.78	276 587.19	276 118.45
1 57 30	284 034.23	283 555.76	283 077.13	282 598.35	282 119.43
2 00 00	290 075.84	289 587.19	289 098.38	288 609.42	288 120.30
2 02 30	296 117.35	295 618.52	295 119.53	294 620.38	294 121.07
2 05 00	302 158.76	301 649.74	301 140.57	300 631.23	300 121.74
2 07 30	308 200.05	307 680.85	307 161.50	306 641.98	306 122.29
2 10 00	314 241.23	313 711.85	313 182.31	312 652.61	312 122.73
2 12 30	320 282.29	319 742.74	319 203.01	318 663.12	318 123.05
2 15 00	326 323.24	325 773.51	325 223.60	324 673.52	324 123.27
2 17 30	332 364.07	331 804.16	331 244.07	330 683.80	330 123.36
2 20 00	338 404.78	337 834.69	337 264.41	336 693.96	336 123.33
2 22 30	344 445.37	343 865.10	343 284.64	342 704.00	342 123.18
2 25 00	350 485.83	349 895.38	349 304.74	348 713.92	348 122.90
2 27 30	356 526.17	355 925.53	355 324.71	354 723.70	354 122.50
2 30 00	362 566.37	361 955.56	361 344.56	360 733.36	360 121.97
2 32 30	368 606.45	367 985.45	367 364.27	366 742.88	366 121.30
2 35 00	374 646.39	374 015.22	373 383.85	372 752.27	372 120.51
2 37 30	380 686.19	380 044.84	379 403.29	378 761.53	378 119.57
2 40 00	386 725.86	386 074.33	385 422.59	384 770.64	384 118.50
2 42 30	392 765.38	392 103.67	391 441.75	390 779.62	390 117.28
2 45 00	398 804.77	398 132.87	397 460.77	396 788.46	396 115.93
2 47 30	404 844.00	404 161.93	403 479.65	402 797.15	402 114.43
2 50 00	410 883.10	410 190.84	409 498.37	408 805.69	408 112.79
2 52 30	416 922.04	416 219.61	415 516.96	414 814.08	414 110.99
2 55 00	422 960.83	422 248.22	421 535.38	420 822.32	420 109.04
2 57 30	428 999.46	428 276.67	427 553.66	426 830.41	426 106.94
3 00 00	435 037.94	434 304.97	433 571.77	432 838.34	432 104.68

Second-difference correction to x' for indicated values of h and Δλ

Δλ \ h	0" 150"	15" 135"	30" 120"	45" 105"	60" 90"	75" 75"
0°	0	0	0	0	0	0
1°	0	+.01	+.01	+.01	+.02	+.02
2°	+.01	+.02	+.02	+.03	+.03	+.03
3°	+.01	+.03	+.04	+.04	+.04	+.05

Correction for k is negligible

ALASKA – ZONES 2 TO 9
STATE PLANE COORDINATES IN FEET – Y

Δλ \ φ	66 40 00	66 42 30	66 45 00	66 47 30	66 50 00
0 00 00	4629 755.71	4644 999.23	4660 242.83	4675 486.52	4690 730.29
0 02 30	4629 757.73	4645 001.25	4660 244.85	4675 488.53	4690 732.30
0 05 00	4629 763.78	4645 007.29	4660 250.89	4675 494.56	4690 738.32
0 07 30	4629 773.87	4645 017.37	4660 260.94	4675 504.61	4690 748.35
0 10 00	4629 788.00	4645 031.48	4660 275.03	4675 518.68	4690 762.40
0 12 30	4629 806.16	4645 049.61	4660 293.15	4675 536.76	4690 780.46
0 15 00	4629 828.36	4645 071.78	4660 315.28	4675 558.87	4690 802.54
0 17 30	4629 854.59	4645 097.98	4660 341.44	4675 584.99	4690 828.63
0 20 00	4629 884.86	4645 128.21	4660 371.63	4675 615.14	4690 858.73
0 22 30	4629 919.16	4645 162.46	4660 405.84	4675 649.30	4690 892.85
0 25 00	4629 957.50	4645 200.75	4660 444.08	4675 687.49	4690 930.98
0 27 30	4629 999.88	4645 243.07	4660 486.34	4675 729.69	4690 973.12
0 30 00	4630 046.30	4645 289.42	4660 532.62	4675 775.91	4691 019.28
0 32 30	4630 096.75	4645 339.80	4660 582.93	4675 826.15	4691 069.45
0 35 00	4630 151.23	4645 394.21	4660 637.27	4675 880.41	4691 123.64
0 37 30	4630 209.75	4645 452.65	4660 695.63	4675 938.69	4691 181.83
0 40 00	4630 272.31	4645 515.12	4660 758.01	4676 000.99	4691 244.05
0 42 30	4630 338.90	4645 581.62	4660 824.42	4676 067.31	4691 310.27
0 45 00	4630 409.53	4645 652.16	4660 894.86	4676 137.65	4691 380.51
0 47 30	4630 484.19	4645 726.72	4660 969.32	4676 212.00	4691 454.77
0 50 00	4630 562.89	4645 805.31	4661 047.80	4676 290.38	4691 533.03
0 52 30	4630 645.63	4645 887.93	4661 130.31	4676 372.77	4691 615.31
0 55 00	4630 732.40	4645 974.59	4661 216.85	4676 459.19	4691 701.61
0 57 30	4630 823.21	4646 065.27	4661 307.40	4676 549.62	4691 791.92
1 00 00	4630 918.05	4646 159.98	4661 401.98	4676 644.07	4691 886.24
1 02 30	4631 016.93	4646 258.72	4661 500.59	4676 742.55	4691 984.58
1 05 00	4631 119.84	4646 361.50	4661 603.23	4676 845.04	4692 086.92
1 07 30	4631 226.80	4646 468.30	4661 709.88	4676 951.55	4692 193.29
1 10 00	4631 337.78	4646 579.14	4661 820.57	4677 062.08	4692 303.67
1 12 30	4631 452.81	4646 694.00	4661 935.28	4677 176.63	4692 418.06
1 15 00	4631 571.87	4646 812.90	4662 054.01	4677 295.20	4692 536.46
1 17 30	4631 694.96	4646 935.83	4662 176.76	4677 417.78	4692 658.88
1 20 00	4631 822.09	4647 062.78	4662 303.54	4677 544.39	4692 785.31
1 22 30	4631 953.26	4647 193.77	4662 434.35	4677 675.01	4692 915.75
1 25 00	4632 088.46	4647 328.79	4662 569.18	4677 809.66	4693 050.21
1 27 30	4632 227.70	4647 467.83	4662 708.04	4677 948.32	4693 188.68
1 30 00	4632 370.97	4647 610.91	4662 850.92	4678 091.01	4693 331.17
1 32 30	4632 518.28	4647 758.02	4662 997.82	4678 237.71	4693 477.67
1 35 00	4632 669.63	4647 909.16	4663 148.75	4678 388.43	4693 628.18
1 37 30	4632 825.01	4648 064.32	4663 303.71	4678 543.17	4693 782.71
1 40 00	4632 984.43	4648 223.52	4663 462.69	4678 701.93	4693 941.25
1 42 30	4633 147.88	4648 386.75	4663 625.69	4678 864.71	4694 103.81
1 45 00	4633 315.37	4648 554.01	4663 792.72	4679 031.51	4694 270.37
1 47 30	4633 486.90	4648 725.30	4663 963.78	4679 202.33	4694 440.96
1 50 00	4633 662.45	4648 900.62	4664 138.85	4679 377.16	4694 615.55
1 52 30	4633 842.05	4649 079.97	4664 317.96	4679 556.02	4694 794.16
1 55 00	4634 025.68	4649 263.35	4664 501.08	4679 738.90	4694 976.78
1 57 30	4634 213.35	4649 450.76	4664 688.24	4679 925.79	4695 163.42
2 00 00	4634 405.05	4649 642.20	4664 879.41	4680 116.70	4695 354.06
2 02 30	4634 600.80	4649 837.67	4665 074.62	4680 311.64	4695 548.73
2 05 00	4634 800.57	4650 037.17	4665 273.84	4680 510.59	4695 747.40
2 07 30	4635 004.38	4650 240.71	4665 477.09	4680 713.56	4695 950.09
2 10 00	4635 212.23	4650 448.26	4665 684.37	4680 920.55	4696 156.79
2 12 30	4635 424.11	4650 659.86	4665 895.67	4681 131.56	4696 367.51
2 15 00	4635 640.03	4650 875.48	4666 111.00	4681 346.59	4696 582.24
2 17 30	4635 859.98	4651 095.13	4666 330.35	4681 565.63	4696 800.99
2 20 00	4636 083.97	4651 318.81	4666 553.72	4681 788.70	4697 023.75
2 22 30	4636 312.00	4651 546.53	4666 781.12	4682 015.78	4697 250.52
2 25 00	4636 544.06	4651 778.27	4667 012.55	4682 246.89	4697 481.30
2 27 30	4636 780.16	4652 014.04	4667 247.99	4682 482.01	4697 716.10
2 30 00	4637 020.29	4652 253.84	4667 487.47	4682 721.15	4697 954.91
2 32 30	4637 264.46	4652 497.68	4667 730.96	4682 964.31	4698 197.74
2 35 00	4637 512.66	4652 745.54	4667 978.49	4683 211.50	4698 444.57
2 37 30	4637 764.90	4652 997.43	4668 230.03	4683 462.69	4698 695.42
2 40 00	4638 021.18	4653 253.36	4668 485.60	4683 717.91	4698 950.29
2 42 30	4638 281.48	4653 513.31	4668 745.20	4683 977.15	4699 209.17
2 45 00	4638 545.83	4653 777.30	4669 008.81	4684 240.40	4699 472.06
2 47 30	4638 814.21	4654 045.31	4669 276.46	4684 507.68	4699 738.96
2 50 00	4639 086.63	4654 317.35	4669 548.13	4684 778.98	4700 009.88
2 52 30	4639 363.08	4654 593.43	4669 823.83	4685 054.29	4700 284.82
2 55 00	4639 643.57	4654 873.53	4670 103.54	4685 333.62	4700 563.76
2 57 30	4639 928.10	4655 157.67	4670 387.29	4685 616.97	4700 846.72
3 00 00	4640 216.66	4655 445.83	4670 675.05	4685 904.34	4701 133.69

Second-difference correction to y for indicated value of k (for all Δλ's)

k	0" 150"	5" 145"	10" 140"	15" 135"	20" 130"	25" 125"	30" 120"	35" 115"	40" 110"	45" 105"	50" 100"	55" 95"	60" 90"	65" 85"	70" 80"	75" 75"
Correction	-.01	-.08	-.14	-.19	-.24	-.29	-.33	-.37	-.40	-.43	-.45	-.47	-.49	-.50	-.51	-.51

Correction for h is negligible

ALASKA – ZONES 2 TO 9
STATE PLANE COORDINATES IN FEET – X'

Δλ \ φ	66 50 00	66 52 30	66 55 00	66 57 30	67 00 00
0 00 00	0.00	0.00	0.00	0.00	0.00
0 02 30	6 003.35	5 993.15	5 982.96	5 972.76	5 962.56
0 05 00	12 006.69	11 986.30	11 965.91	11 945.51	11 925.11
0 07 30	18 010.03	17 979.46	17 948.87	17 918.26	17 887.66
0 10 00	24 013.37	23 972.60	23 931.81	23 891.01	23 850.20
0 12 30	30 016.70	29 965.73	29 914.74	29 863.75	29 812.73
0 15 00	36 020.01	35 958.85	35 897.67	35 836.47	35 775.25
0 17 30	42 023.31	41 951.96	41 880.58	41 809.18	41 737.76
0 20 00	48 026.60	47 945.05	47 863.48	47 781.88	47 700.26
0 22 30	54 029.87	53 938.13	53 846.36	53 754.56	53 662.73
0 25 00	60 033.11	59 931.18	59 829.22	59 727.22	59 625.19
0 27 30	66 036.34	65 924.22	65 812.05	65 699.86	65 587.62
0 30 00	72 039.55	71 917.22	71 794.87	71 672.47	71 550.03
0 32 30	78 042.72	77 910.21	77 777.65	77 645.06	77 512.42
0 35 00	84 045.87	83 903.17	83 760.41	83 617.62	83 474.77
0 37 30	90 048.99	89 896.09	89 743.14	89 590.14	89 437.10
0 40 00	96 052.07	95 888.98	95 725.83	95 562.64	95 399.39
0 42 30	102 055.12	101 881.83	101 708.49	101 535.10	101 361.65
0 45 00	108 058.13	107 874.65	107 691.12	107 507.52	107 323.87
0 47 30	114 061.10	113 867.43	113 673.70	113 479.91	113 286.05
0 50 00	120 064.04	119 860.17	119 656.24	119 452.25	119 248.19
0 52 30	126 066.93	125 852.87	125 638.74	125 424.54	125 210.28
0 55 00	132 069.77	131 845.51	131 621.19	131 396.80	131 172.33
0 57 30	138 072.56	137 838.11	137 603.59	137 369.00	137 134.33
1 00 00	144 075.30	143 830.66	143 585.95	143 341.15	143 096.28
1 02 30	150 077.99	149 823.16	149 568.25	149 313.25	149 058.18
1 05 00	156 080.63	155 815.60	155 550.49	155 285.30	155 020.02
1 07 30	162 083.21	161 807.99	161 532.68	161 257.29	160 981.81
1 10 00	168 085.73	167 800.31	167 514.81	167 229.22	166 943.54
1 12 30	174 088.19	173 792.58	173 496.88	173 201.09	172 905.21
1 15 00	180 090.58	179 784.78	179 478.88	179 172.90	178 866.80
1 17 30	186 092.91	185 776.92	185 460.82	185 144.63	184 828.34
1 20 00	192 095.17	191 768.98	191 442.69	191 116.31	190 789.81
1 22 30	198 097.36	197 760.98	197 424.49	197 087.91	196 751.21
1 25 00	204 099.47	203 752.90	203 406.23	203 059.43	202 712.53
1 27 30	210 101.52	209 744.75	209 387.88	209 030.89	208 673.79
1 30 00	216 103.49	215 736.53	215 369.45	215 002.27	214 634.96
1 32 30	222 105.38	221 728.22	221 350.95	220 973.57	220 596.06
1 35 00	228 107.18	227 719.83	227 332.37	226 944.78	226 557.07
1 37 30	234 108.90	233 711.36	233 313.70	232 915.92	232 518.01
1 40 00	240 110.54	239 702.81	239 294.95	238 886.97	238 478.85
1 42 30	246 112.09	245 694.17	245 276.11	244 857.93	244 439.61
1 45 00	252 113.55	251 685.43	251 257.18	250 828.80	250 400.28
1 47 30	258 114.92	257 676.61	257 238.16	256 799.58	256 360.86
1 50 00	264 116.19	263 667.69	263 219.05	262 770.27	262 321.34
1 52 30	270 117.37	269 658.68	269 199.84	268 740.86	268 281.73
1 55 00	276 118.45	275 649.56	275 180.53	274 711.35	274 242.01
1 57 30	282 119.43	281 640.35	281 161.12	280 681.74	280 202.21
2 00 00	288 120.30	287 631.03	287 141.60	286 652.02	286 162.29
2 02 30	294 121.07	293 621.60	293 121.98	292 622.20	292 122.27
2 05 00	300 121.74	299 612.08	299 102.26	298 592.28	298 082.14
2 07 30	306 122.29	305 602.44	305 082.42	304 562.24	304 041.90
2 10 00	312 122.73	311 592.68	311 062.47	310 532.10	310 001.55
2 12 30	318 123.05	317 582.82	317 042.41	316 501.83	315 961.08
2 15 00	324 123.27	323 572.83	323 022.23	322 471.45	321 920.50
2 17 30	330 123.36	329 562.73	329 001.93	328 440.96	327 879.81
2 20 00	336 123.33	335 552.51	334 981.52	334 410.34	333 838.99
2 22 30	342 123.18	341 542.17	340 960.98	340 379.61	339 798.05
2 25 00	348 122.90	347 531.70	346 940.31	346 348.74	345 756.98
2 27 30	354 122.50	353 521.10	352 919.52	352 317.75	351 715.79
2 30 00	360 121.97	359 510.38	358 898.60	358 286.63	357 674.47
2 32 30	366 121.30	365 499.52	364 877.55	364 255.38	363 633.01
2 35 00	372 120.51	371 488.53	370 856.36	370 223.99	369 591.42
2 37 30	378 119.57	377 477.40	376 835.04	376 192.47	375 549.70
2 40 00	384 118.50	383 466.14	382 813.58	382 160.81	381 507.84
2 42 30	390 117.28	389 454.73	388 791.98	388 129.01	387 465.84
2 45 00	396 115.93	395 443.19	394 770.23	394 097.07	393 423.69
2 47 30	402 114.43	401 431.49	400 748.35	400 064.98	399 381.40
2 50 00	408 112.79	407 419.65	406 726.31	406 032.75	405 338.97
2 52 30	414 110.99	413 407.66	412 704.13	412 000.37	411 296.38
2 55 00	420 109.04	419 395.52	418 681.79	417 967.83	417 253.64
2 57 30	426 106.94	425 383.23	424 659.30	423 935.14	423 210.76
3 00 00	432 104.68	431 370.78	430 636.66	429 902.30	429 167.71

Second-difference correction to x' for indicated values of h and Δλ

Δλ \ h	0" 150"	15" 135"	30" 120"	45" 105"	60" 90"	75" 75"
0°	0	0	0	0	0	0
1°	0	+.01	+.01	+.01	+.02	+.02
2°	+.01	+.02	+.02	+.03	+.03	+.03
3°	+.01	+.03	+.04	+.04	+.04	+.05

Correction for k is negligible

ALASKA – ZONES 2 TO 9
STATE PLANE COORDINATES IN FEET – Y

Δλ \ φ	66 50 00	66 52 30	66 55 00	66 57 30	67 00 00
0 00 00	4690 730.29	4705 974.14	4721 218.07	4736 462.08	4751 706.18
0 02 30	4690 732.30	4705 976.14	4721 220.07	4736 464.08	4751 708.17
0 05 00	4690 738.32	4705 982.15	4721 226.08	4736 470.08	4751 714.16
0 07 30	4690 748.35	4705 992.18	4721 236.09	4736 480.07	4751 724.14
0 10 00	4690 762.40	4706 006.20	4721 250.09	4736 494.06	4751 738.11
0 12 30	4690 780.46	4706 024.24	4721 268.11	4736 512.05	4751 756.07
0 15 00	4690 802.54	4706 046.28	4721 290.12	4736 534.03	4751 778.02
0 17 30	4690 828.63	4706 072.34	4721 316.14	4736 560.01	4751 803.97
0 20 00	4690 858.73	4706 102.40	4721 346.16	4736 589.98	4751 833.90
0 22 30	4690 892.85	4706 136.47	4721 380.18	4736 623.96	4751 867.83
0 25 00	4690 930.98	4706 174.54	4721 418.20	4736 661.93	4751 905.75
0 27 30	4690 973.12	4706 216.63	4721 460.23	4736 703.90	4751 947.66
0 30 00	4691 019.28	4706 262.72	4721 506.26	4736 749.86	4751 993.56
0 32 30	4691 069.45	4706 312.83	4721 556.29	4736 799.83	4752 043.45
0 35 00	4691 123.64	4706 366.94	4721 610.33	4736 853.79	4752 097.34
0 37 30	4691 181.83	4706 425.06	4721 668.36	4736 911.74	4752 155.21
0 40 00	4691 244.05	4706 487.18	4721 730.40	4736 973.69	4752 217.08
0 42 30	4691 310.27	4706 553.32	4721 796.45	4737 039.65	4752 282.94
0 45 00	4691 380.51	4706 623.46	4721 866.49	4737 109.59	4752 352.78
0 47 30	4691 454.77	4706 697.61	4721 940.54	4737 183.54	4752 426.63
0 50 00	4691 533.03	4706 775.77	4722 018.59	4737 261.48	4752 504.46
0 52 30	4691 615.31	4706 857.93	4722 100.64	4737 343.42	4752 586.28
0 55 00	4691 701.61	4706 944.11	4722 186.70	4737 429.35	4752 672.09
0 57 30	4691 791.92	4707 034.29	4722 276.75	4737 519.28	4752 761.90
1 00 00	4691 886.24	4707 128.48	4722 370.81	4737 613.21	4752 855.70
1 02 30	4691 984.58	4707 226.68	4722 468.87	4737 711.14	4752 953.49
1 05 00	4692 086.92	4707 328.89	4722 570.94	4737 813.06	4753 055.27
1 07 30	4692 193.29	4707 435.11	4722 677.01	4737 918.98	4753 161.04
1 10 00	4692 303.67	4707 545.33	4722 787.08	4738 028.90	4753 270.80
1 12 30	4692 418.06	4707 659.56	4722 901.15	4738 142.81	4753 384.55
1 15 00	4692 536.46	4707 777.80	4723 019.22	4738 260.72	4753 502.30
1 17 30	4692 658.88	4707 900.05	4723 141.30	4738 382.63	4753 624.04
1 20 00	4692 785.31	4708 026.31	4723 267.39	4738 508.53	4753 749.77
1 22 30	4692 915.75	4708 156.57	4723 397.47	4738 638.43	4753 879.48
1 25 00	4693 050.21	4708 290.84	4723 531.55	4738 772.33	4754 013.19
1 27 30	4693 188.68	4708 429.12	4723 669.64	4738 910.23	4754 150.90
1 30 00	4693 331.17	4708 571.41	4723 811.73	4739 052.12	4754 292.59
1 32 30	4693 477.67	4708 717.70	4723 957.82	4739 198.01	4754 438.28
1 35 00	4693 628.18	4708 868.01	4724 107.92	4739 347.89	4754 587.95
1 37 30	4693 782.71	4709 022.32	4724 262.01	4739 501.77	4754 741.62
1 40 00	4693 941.25	4709 180.64	4724 420.12	4739 659.66	4754 899.28
1 42 30	4694 103.81	4709 342.97	4724 582.22	4739 821.53	4755 060.93
1 45 00	4694 270.37	4709 509.31	4724 748.33	4739 987.40	4755 226.57
1 47 30	4694 440.96	4709 679.65	4724 918.43	4740 157.27	4755 396.20
1 50 00	4694 615.55	4709 854.00	4725 092.54	4740 331.14	4755 569.82
1 52 30	4694 794.16	4710 032.37	4725 270.65	4740 509.00	4755 747.44
1 55 00	4694 976.78	4710 214.73	4725 452.77	4740 690.86	4755 929.04
1 57 30	4695 163.42	4710 401.11	4725 638.88	4740 876.72	4756 114.64
2 00 00	4695 354.06	4710 591.50	4725 829.00	4741 066.58	4756 304.23
2 02 30	4695 548.73	4710 785.89	4726 023.13	4741 260.43	4756 497.81
2 05 00	4695 747.40	4710 984.29	4726 221.25	4741 458.28	4756 695.37
2 07 30	4695 950.09	4711 186.70	4726 423.38	4741 660.12	4756 896.94
2 10 00	4696 156.79	4711 393.11	4726 629.51	4741 865.96	4757 102.49
2 12 30	4696 367.51	4711 603.54	4726 839.64	4742 075.80	4757 312.03
2 15 00	4696 582.24	4711 817.97	4727 053.77	4742 289.63	4757 525.57
2 17 30	4696 800.99	4712 036.41	4727 271.91	4742 507.46	4757 743.10
2 20 00	4697 023.75	4712 258.86	4727 494.05	4742 729.29	4757 964.61
2 22 30	4697 250.52	4712 485.31	4727 720.19	4742 955.12	4758 190.12
2 25 00	4697 481.30	4712 715.78	4727 950.33	4743 184.94	4758 419.62
2 27 30	4697 716.10	4712 950.25	4728 184.47	4743 418.75	4758 653.11
2 30 00	4697 954.91	4713 188.73	4728 422.62	4743 656.57	4758 890.59
2 32 30	4698 197.74	4713 431.22	4728 664.77	4743 898.38	4759 132.07
2 35 00	4698 444.57	4713 677.71	4728 910.93	4744 144.19	4759 377.53
2 37 30	4698 695.42	4713 928.22	4729 161.08	4744 394.00	4759 626.99
2 40 00	4698 950.29	4714 182.73	4729 415.24	4744 647.80	4759 880.43
2 42 30	4699 209.17	4714 441.25	4729 673.39	4744 905.59	4760 137.87
2 45 00	4699 472.06	4714 703.77	4729 935.56	4745 167.39	4760 399.30
2 47 30	4699 738.96	4714 970.30	4730 201.72	4745 433.18	4760 664.72
2 50 00	4700 009.88	4715 240.85	4730 471.89	4745 702.97	4760 934.13
2 52 30	4700 284.82	4715 515.40	4730 746.05	4745 976.75	4761 207.53
2 55 00	4700 563.76	4715 793.96	4731 024.22	4746 254.54	4761 484.92
2 57 30	4700 846.72	4716 076.52	4731 306.40	4746 536.31	4761 766.30
3 00 00	4701 133.69	4716 363.10	4731 592.57	4746 822.09	4762 051.68

Second-difference correction to y for indicated value of k (for all Δλ's)

k	0" 150"	5" 145"	10" 140"	15" 135"	20" 130"	25" 125"	30" 120"	35" 115"	40" 110"	45" 105"	50" 100"	55" 95"	60" 90"	65" 85"	70" 80"	75" 75"
Correction	-.01	-.08	-.14	-.19	-.24	-.29	-.33	-.37	-.40	-.43	-.45	-.47	-.49	-.50	-.51	-.51

Correction for h is negligible

ALASKA – ZONES 2 TO 9
STATE PLANE COORDINATES IN FEET – X'

Δλ \ φ	67 00 00	67 02 30	67 05 00	67 07 30	67 10 00
0 00 00	0.00	0.00	0.00	0.00	0.00
0 02 30	5 962.56	5 952.35	5 942.14	5 931.93	5 921.71
0 05 00	11 925.11	11 904.69	11 884.28	11 863.85	11 843.42
0 07 30	17 887.66	17 857.04	17 826.41	17 795.77	17 765.13
0 10 00	23 850.20	23 809.37	23 768.54	23 727.69	23 686.82
0 12 30	29 812.73	29 761.70	29 710.65	29 659.59	29 608.51
0 15 00	35 775.25	35 714.02	35 652.76	35 591.48	35 530.19
0 17 30	41 737.76	41 666.32	41 594.85	41 523.37	41 451.86
0 20 00	47 700.26	47 618.61	47 536.93	47 455.23	47 373.50
0 22 30	53 662.73	53 570.88	53 478.99	53 387.08	53 295.14
0 25 00	59 625.19	59 523.13	59 421.03	59 318.91	59 216.75
0 27 30	65 587.62	65 475.35	65 363.05	65 250.71	65 138.34
0 30 00	71 550.03	71 427.56	71 305.05	71 182.50	71 059.91
0 32 30	77 512.42	77 379.74	77 247.02	77 114.25	76 981.45
0 35 00	83 474.77	83 331.89	83 188.96	83 045.98	82 902.96
0 37 30	89 437.10	89 284.01	89 130.87	88 977.68	88 824.44
0 40 00	95 399.39	95 236.09	95 072.74	94 909.34	94 745.89
0 42 30	101 361.65	101 188.14	101 014.58	100 840.97	100 667.31
0 45 00	107 323.87	107 140.16	106 956.39	106 772.57	106 588.68
0 47 30	113 286.05	113 092.13	112 898.15	112 704.12	112 510.02
0 50 00	119 248.19	119 044.06	118 839.88	118 635.63	118 431.31
0 52 30	125 210.28	124 995.95	124 781.55	124 567.09	124 352.57
0 55 00	131 172.33	130 947.80	130 723.19	130 498.52	130 273.77
0 57 30	137 134.33	136 899.59	136 664.78	136 429.89	136 194.93
1 00 00	143 096.28	142 851.34	142 606.31	142 361.21	142 116.03
1 02 30	149 058.18	148 803.03	148 547.79	148 292.48	148 037.09
1 05 00	155 020.02	154 754.66	154 489.22	154 223.70	153 958.09
1 07 30	160 981.81	160 706.25	160 430.59	160 154.86	159 879.03
1 10 00	166 943.54	166 657.76	166 371.90	166 085.95	165 799.92
1 12 30	172 905.21	172 609.22	172 313.16	172 016.99	171 720.74
1 15 00	178 866.80	178 560.62	178 254.34	177 947.97	177 641.50
1 17 30	184 828.34	184 511.95	184 195.46	183 878.88	183 562.19
1 20 00	190 789.81	190 463.21	190 136.52	189 809.72	189 482.82
1 22 30	196 751.21	196 414.41	196 077.50	195 740.49	195 403.38
1 25 00	202 712.53	202 365.53	202 018.41	201 671.19	201 323.86
1 27 30	208 673.79	208 316.57	207 959.25	207 601.81	207 244.26
1 30 00	214 634.96	214 267.55	213 900.01	213 532.36	213 164.60
1 32 30	220 596.06	220 218.43	219 840.69	219 462.83	219 084.85
1 35 00	226 557.07	226 169.24	225 781.29	225 393.22	225 005.03
1 37 30	232 518.01	232 119.97	231 721.81	231 323.52	230 925.12
1 40 00	238 478.85	238 070.61	237 662.24	237 253.74	236 845.12
1 42 30	244 439.61	244 021.16	243 602.58	243 183.87	242 765.03
1 45 00	250 400.28	249 971.63	249 542.84	249 113.91	248 684.86
1 47 30	256 360.86	255 922.00	255 483.00	255 043.86	254 604.60
1 50 00	262 321.34	261 872.27	261 423.07	260 973.72	260 524.24
1 52 30	268 281.73	267 822.45	267 363.04	266 903.48	266 443.78
1 55 00	274 242.01	273 772.54	273 302.91	272 833.14	272 363.23
1 57 30	280 202.21	279 722.52	279 242.69	278 762.70	278 282.58
2 00 00	286 162.29	285 672.39	285 182.36	284 692.16	284 201.81
2 02 30	292 122.27	291 622.17	291 121.92	290 621.51	290 120.95
2 05 00	298 082.14	297 571.84	297 061.38	296 550.76	296 039.99
2 07 30	304 041.90	303 521.39	303 000.73	302 479.90	301 958.91
2 10 00	310 001.55	309 470.84	308 939.96	308 408.92	307 877.71
2 12 30	315 961.08	315 420.17	314 879.08	314 337.83	313 796.41
2 15 00	321 920.50	321 369.38	320 818.09	320 266.62	319 714.99
2 17 30	327 879.81	327 318.48	326 756.98	326 195.30	325 633.45
2 20 00	333 838.99	333 267.46	332 695.75	332 123.86	331 551.79
2 22 30	339 798.05	339 216.31	338 634.39	338 052.29	337 470.00
2 25 00	345 756.98	345 165.04	344 572.91	343 980.60	343 388.10
2 27 30	351 715.79	351 113.64	350 511.30	349 908.78	349 306.07
2 30 00	357 674.47	357 062.11	356 449.57	355 836.83	355 223.90
2 32 30	363 633.01	363 010.46	362 387.70	361 764.75	361 141.61
2 35 00	369 591.42	368 958.66	368 325.69	367 692.54	367 059.18
2 37 30	375 549.70	374 906.73	374 263.56	373 620.19	372 976.62
2 40 00	381 507.84	380 854.66	380 201.28	379 547.70	378 893.91
2 42 30	387 465.84	386 802.46	386 138.87	385 475.07	384 811.08
2 45 00	393 423.69	392 750.11	392 076.31	391 402.30	390 728.09
2 47 30	399 381.40	398 697.61	398 013.61	397 329.39	396 644.96
2 50 00	405 338.97	404 644.97	403 950.76	403 256.33	402 561.68
2 52 30	411 296.38	410 592.18	409 887.76	409 183.12	408 478.26
2 55 00	417 253.64	416 539.24	415 824.61	415 109.76	414 394.69
2 57 30	423 210.76	422 486.15	421 761.31	421 036.24	420 310.96
3 00 00	429 167.71	428 432.90	427 697.85	426 962.57	426 227.07

Second-difference correction to x' for indicated values of h and Δλ

Δλ \ h	0° 150°	15° 135°	30° 120°	45° 105°	60° 90°	75° 75°
0°	0	0	0	0	0	0
1°	0	+.01	+.01	+.01	+.02	+.02
2°	+.01	+.02	+.02	+.03	+.03	+.03
3°	+.01	+.03	+.04	+.04	+.04	+.05

Correction for k is negligible

ALASKA – ZONES 2 TO 9
STATE PLANE COORDINATES IN FEET – Y

Δλ \ φ	67 00 00	67 02 30	67 05 00	67 07 30	67 10 00
0 00 00	4751 706.18	4766 950.36	4782 194.61	4797 438.95	4812 683.37
0 02 30	4751 708.17	4766 952.35	4782 196.60	4797 440.94	4812 685.36
0 05 00	4751 714.16	4766 958.33	4782 202.57	4797 446.90	4812 691.31
0 07 30	4751 724.14	4766 968.29	4782 212.52	4797 456.84	4812 701.23
0 10 00	4751 738.11	4766 982.24	4782 226.45	4797 470.75	4812 715.12
0 12 30	4751 756.07	4767 000.18	4782 244.37	4797 488.63	4812 732.99
0 15 00	4751 778.02	4767 022.10	4782 266.26	4797 510.49	4812 754.81
0 17 30	4751 803.97	4767 048.01	4782 292.12	4797 536.33	4812 780.61
0 20 00	4751 833.90	4767 077.90	4782 321.98	4797 566.14	4812 810.38
0 22 30	4751 867.83	4767 111.78	4782 355.81	4797 599.92	4812 844.11
0 25 00	4751 905.75	4767 149.65	4782 393.62	4797 637.68	4812 881.82
0 27 30	4751 947.66	4767 191.50	4782 435.41	4797 679.41	4812 923.49
0 30 00	4751 993.56	4767 237.34	4782 481.19	4797 725.12	4812 969.14
0 32 30	4752 043.45	4767 287.16	4782 530.94	4797 774.80	4813 018.75
0 35 00	4752 097.34	4767 340.96	4782 584.67	4797 828.46	4813 072.33
0 37 30	4752 155.21	4767 398.76	4782 642.38	4797 886.09	4813 129.88
0 40 00	4752 217.08	4767 460.54	4782 704.08	4797 947.69	4813 191.40
0 42 30	4752 282.94	4767 526.30	4782 769.75	4798 013.27	4813 256.88
0 45 00	4752 352.78	4767 596.05	4782 839.40	4798 082.83	4813 326.34
0 47 30	4752 426.63	4767 669.79	4782 913.04	4798 156.36	4813 399.77
0 50 00	4752 504.46	4767 747.51	4782 990.65	4798 233.86	4813 477.16
0 52 30	4752 586.28	4767 829.22	4783 072.24	4798 315.34	4813 558.52
0 55 00	4752 672.09	4767 914.92	4783 157.81	4798 400.79	4813 643.85
0 57 30	4752 761.90	4768 004.60	4783 247.37	4798 490.22	4813 733.15
1 00 00	4752 855.70	4768 098.26	4783 340.90	4798 583.62	4813 826.42
1 02 30	4752 953.49	4768 195.91	4783 438.41	4798 681.00	4813 923.66
1 05 00	4753 055.27	4768 297.55	4783 539.91	4798 782.35	4814 024.87
1 07 30	4753 161.04	4768 403.18	4783 645.38	4798 887.68	4814 130.04
1 10 00	4753 270.80	4768 512.79	4783 754.84	4798 996.98	4814 239.19
1 12 30	4753 384.55	4768 626.38	4783 868.27	4799 110.25	4814 352.30
1 15 00	4753 502.30	4768 743.96	4783 985.68	4799 227.50	4814 469.39
1 17 30	4753 624.04	4768 865.52	4784 107.08	4799 348.72	4814 590.44
1 20 00	4753 749.77	4768 991.08	4784 232.46	4799 473.91	4814 715.46
1 22 30	4753 879.48	4769 120.61	4784 361.81	4799 603.09	4814 844.44
1 25 00	4754 013.19	4769 254.14	4784 495.15	4799 736.24	4814 977.40
1 27 30	4754 150.90	4769 391.65	4784 632.46	4799 873.36	4815 114.33
1 30 00	4754 292.59	4769 533.14	4784 773.75	4800 014.45	4815 255.23
1 32 30	4754 438.28	4769 678.62	4784 919.03	4800 159.52	4815 400.09
1 35 00	4754 587.95	4769 828.08	4785 068.28	4800 308.57	4815 548.92
1 37 30	4754 741.62	4769 981.54	4785 221.52	4800 461.58	4815 701.72
1 40 00	4754 899.28	4770 138.97	4785 378.74	4800 618.58	4815 858.50
1 42 30	4755 060.93	4770 300.40	4785 539.93	4800 779.54	4816 019.24
1 45 00	4755 226.57	4770 465.80	4785 705.11	4800 944.49	4816 183.94
1 47 30	4755 396.20	4770 635.20	4785 874.26	4801 113.41	4816 352.62
1 50 00	4755 569.82	4770 808.57	4786 047.40	4801 286.30	4816 525.27
1 52 30	4755 747.44	4770 985.94	4786 224.51	4801 463.16	4816 701.88
1 55 00	4755 929.04	4771 167.29	4786 405.60	4801 644.00	4816 882.47
1 57 30	4756 114.64	4771 352.63	4786 590.68	4801 828.81	4817 067.02
2 00 00	4756 304.23	4771 541.95	4786 779.73	4802 017.60	4817 255.54
2 02 30	4756 497.81	4771 735.26	4786 972.77	4802 210.37	4817 448.03
2 05 00	4756 695.37	4771 932.55	4787 169.79	4802 407.10	4817 644.48
2 07 30	4756 896.94	4772 133.83	4787 370.78	4802 607.81	4817 844.91
2 10 00	4757 102.49	4772 339.09	4787 575.76	4802 812.50	4818 049.30
2 12 30	4757 312.03	4772 548.34	4787 784.71	4803 021.16	4818 257.67
2 15 00	4757 525.57	4772 761.58	4787 997.65	4803 233.79	4818 470.00
2 17 30	4757 743.10	4772 978.80	4788 214.56	4803 450.40	4818 686.30
2 20 00	4757 964.61	4773 200.01	4788 435.46	4803 670.98	4818 906.57
2 22 30	4758 190.12	4773 425.20	4788 660.33	4803 895.54	4819 130.81
2 25 00	4758 419.62	4773 654.37	4788 889.18	4804 124.07	4819 359.02
2 27 30	4758 653.11	4773 887.54	4789 122.02	4804 356.58	4819 591.19
2 30 00	4758 890.59	4774 124.68	4789 358.83	4804 593.06	4819 827.34
2 32 30	4759 132.07	4774 365.82	4789 599.63	4804 833.51	4820 067.45
2 35 00	4759 377.53	4774 610.94	4789 844.40	4805 077.94	4820 311.53
2 37 30	4759 626.99	4774 860.04	4790 093.16	4805 326.34	4820 559.58
2 40 00	4759 880.43	4775 113.13	4790 345.88	4805 578.72	4820 811.60
2 42 30	4760 137.87	4775 370.21	4790 602.60	4805 835.07	4821 067.59
2 45 00	4760 399.30	4775 631.27	4790 863.29	4806 095.39	4821 327.55
2 47 30	4760 664.72	4775 896.32	4791 127.97	4806 359.69	4821 591.47
2 50 00	4760 934.13	4776 165.35	4791 396.62	4806 627.96	4821 859.36
2 52 30	4761 207.53	4776 438.36	4791 669.25	4806 900.21	4822 131.22
2 55 00	4761 484.92	4776 715.37	4791 945.86	4807 176.43	4822 407.05
2 57 30	4761 766.30	4776 996.35	4792 226.46	4807 456.62	4822 686.85
3 00 00	4762 051.68	4777 281.33	4792 511.02	4807 740.80	4822 970.62

Second-difference correction to y for indicated value of k (for all Δλ's)

k	0" 150"	5" 145"	10" 140"	15" 135"	20" 130"	25" 125"	30" 120"	35" 115"	40" 110"	45" 105"	50" 100"	55" 95"	60" 90"	65" 85"	70" 80"	75" 75"
Correction	-.01	-.08	-.14	-.19	-.24	-.29	-.33	-.37	-.40	-.43	-.45	-.47	-.49	-.50	-.51	-.51

Correction for h is negligible

ALASKA – ZONES 2 TO 9
STATE PLANE COORDINATES IN FEET – X'

Δλ \ φ	67 10 00	67 12 30	67 15 00	67 17 30	67 20 00
0 00 00	0.00	0.00	0.00	0.00	0.00
0 02 30	5 921.71	5 911.49	5 901.27	5 891.04	5 880.82
0 05 00	11 843.42	11 822.98	11 802.54	11 782.09	11 761.63
0 07 30	17 765.13	17 734.47	17 703.80	17 673.12	17 642.44
0 10 00	23 686.82	23 645.95	23 605.06	23 564.16	23 523.24
0 12 30	29 608.51	29 557.42	29 506.31	29 455.18	29 404.04
0 15 00	35 530.19	35 468.88	35 407.54	35 346.19	35 284.82
0 17 30	41 451.86	41 380.32	41 308.77	41 237.19	41 165.59
0 20 00	47 373.50	47 291.75	47 209.98	47 128.17	47 046.35
0 22 30	53 295.14	53 203.17	53 111.17	53 019.14	52 927.08
0 25 00	59 216.75	59 114.56	59 012.34	58 910.09	58 807.80
0 27 30	65 138.34	65 025.93	64 913.49	64 801.01	64 688.50
0 30 00	71 059.91	70 937.28	70 814.62	70 691.91	70 569.17
0 32 30	76 981.45	76 848.60	76 715.72	76 582.79	76 449.81
0 35 00	82 902.96	82 759.89	82 616.79	82 473.63	82 330.43
0 37 30	88 824.44	88 671.16	88 517.82	88 364.45	88 211.02
0 40 00	94 745.89	94 582.39	94 418.83	94 255.23	94 091.57
0 42 30	100 667.31	100 493.58	100 319.81	100 145.97	99 972.09
0 45 00	106 588.68	106 404.74	106 220.74	106 036.69	105 852.57
0 47 30	112 510.02	112 315.86	112 121.64	111 927.36	111 733.01
0 50 00	118 431.31	118 226.93	118 022.49	117 817.99	117 613.42
0 52 30	124 352.57	124 137.97	123 923.30	123 708.57	123 493.78
0 55 00	130 273.77	130 048.95	129 824.07	129 599.11	129 374.09
0 57 30	136 194.93	135 959.89	135 724.78	135 489.60	135 254.35
1 00 00	142 116.03	141 870.78	141 625.45	141 380.05	141 134.56
1 02 30	148 037.09	147 781.62	147 526.07	147 270.44	147 014.72
1 05 00	153 958.09	153 692.40	153 426.62	153 160.77	152 894.83
1 07 30	159 879.03	159 603.12	159 327.13	159 051.05	158 774.88
1 10 00	165 799.92	165 513.79	165 227.57	164 941.26	164 654.87
1 12 30	171 720.74	171 424.39	171 127.95	170 831.42	170 534.80
1 15 00	177 641.50	177 334.93	177 028.27	176 721.51	176 414.66
1 17 30	183 562.19	183 245.40	182 928.53	182 611.54	182 294.46
1 20 00	189 482.82	189 155.82	188 828.71	188 501.50	188 174.19
1 22 30	195 403.38	195 066.15	194 728.82	194 391.39	194 053.86
1 25 00	201 323.86	200 976.42	200 628.87	200 281.21	199 933.45
1 27 30	207 244.26	206 886.61	206 528.84	206 170.96	205 812.96
1 30 00	213 164.60	212 796.72	212 428.73	212 060.62	211 692.40
1 32 30	219 084.85	218 706.75	218 328.55	217 950.21	217 571.76
1 35 00	225 005.03	224 616.71	224 228.28	223 839.72	223 451.04
1 37 30	230 925.12	230 526.58	230 127.92	229 729.14	229 330.23
1 40 00	236 845.12	236 436.36	236 027.49	235 618.48	235 209.35
1 42 30	242 765.03	242 346.06	241 926.96	241 507.73	241 068.37
1 45 00	248 684.86	248 255.67	247 826.35	247 396.89	246 967.30
1 47 30	254 604.60	254 165.19	253 725.64	253 285.96	252 846.14
1 50 00	260 524.24	260 074.61	259 624.84	259 174.94	258 724.90
1 52 30	266 443.78	265 983.94	265 523.95	265 063.82	264 603.55
1 55 00	272 363.23	271 893.17	271 422.96	270 952.60	270 482.10
1 57 30	278 282.58	277 802.29	277 321.86	276 841.28	276 360.55
2 00 00	284 201.81	283 711.31	283 220.66	282 729.86	282 238.90
2 02 30	290 120.95	289 620.23	289 119.36	288 618.33	288 117.15
2 05 00	296 039.99	295 529.04	295 017.95	294 506.70	293 995.29
2 07 30	301 958.91	301 437.75	300 916.44	300 394.95	299 873.31
2 10 00	307 877.71	307 346.34	306 814.81	306 283.10	305 751.24
2 12 30	313 796.41	313 254.82	312 713.06	312 171.13	311 629.04
2 15 00	319 714.99	319 163.18	318 611.20	318 059.05	317 506.72
2 17 30	325 633.45	325 071.42	324 509.22	323 946.85	323 384.29
2 20 00	331 551.79	330 979.54	330 407.12	329 834.52	329 261.74
2 22 30	337 470.00	336 887.54	336 304.90	335 722.07	335 139.07
2 25 00	343 388.10	342 795.42	342 202.55	341 609.50	341 016.27
2 27 30	349 306.07	348 703.17	348 100.08	347 496.80	346 893.35
2 30 00	355 223.90	354 610.78	353 997.48	353 383.98	352 770.29
2 32 30	361 141.61	360 518.27	359 894.75	359 271.02	358 647.11
2 35 00	367 059.18	366 425.63	365 791.88	365 157.93	364 523.79
2 37 30	372 976.62	372 332.84	371 688.88	371 044.70	370 400.34
2 40 00	378 893.91	378 239.92	377 585.73	376 931.34	376 276.74
2 42 30	384 811.08	384 146.87	383 482.46	382 817.83	382 153.01
2 45 00	390 728.09	390 053.66	389 379.03	388 704.18	388 029.14
2 47 30	396 644.96	395 960.32	395 275.47	394 590.40	393 905.12
2 50 00	402 561.68	401 866.82	401 171.75	400 476.46	399 780.95
2 52 30	408 478.26	407 773.18	407 067.89	406 362.37	405 656.64
2 55 00	414 394.69	413 679.39	412 963.88	412 248.14	411 532.18
2 57 30	420 310.96	419 585.44	418 859.71	418 133.74	417 407.55
3 00 00	426 227.07	425 491.34	424 755.38	424 019.19	423 282.78

Second-difference correction to x' for indicated values of h and Δλ

Δλ \ h	0" 150"	15" 135"	30" 120"	45" 105"	60" 90"	75" 75"
0°	0	0	0	0	0	0
1°	0	+.01	+.01	+.01	+.02	+.02
2°	+.01	+.02	+.02	+.03	+.03	+.03
3°	+.01	+.03	+.04	+.04	+.04	+.05

Correction for k is negligible

ALASKA – ZONES 2 TO 9
STATE PLANE COORDINATES IN FEET – Y

Δλ \ φ	67 10 00	67 12 30	67 15 00	67 17 30	67 20 00
0 00 00	4812 683.37	4827 927.87	4843 172.46	4858 417.12	4873 661.86
0 02 30	4812 685.36	4827 929.85	4843 174.43	4858 419.09	4873 663.83
0 05 00	4812 691.31	4827 935.80	4843 180.37	4858 425.02	4873 669.75
0 07 30	4812 701.23	4827 945.71	4843 190.26	4858 434.90	4873 679.62
0 10 00	4812 715.12	4827 959.58	4843 204.12	4858 448.73	4873 693.43
0 12 30	4812 732.99	4827 977.41	4843 221.93	4858 466.52	4873 711.19
0 15 00	4812 754.81	4827 999.21	4843 243.69	4858 488.25	4873 732.89
0 17 30	4812 780.61	4828 024.97	4843 269.42	4858 513.94	4873 758.55
0 20 00	4812 810.38	4828 054.70	4843 299.10	4858 543.58	4873 788.14
0 22 30	4812 844.11	4828 088.39	4843 332.74	4858 577.17	4873 821.69
0 25 00	4812 881.82	4828 126.04	4843 370.34	4858 614.72	4873 859.18
0 27 30	4812 923.49	4828 167.65	4843 411.89	4858 656.21	4873 900.61
0 30 00	4812 969.14	4828 213.23	4843 457.41	4858 701.66	4873 946.00
0 32 30	4813 018.75	4828 262.77	4843 506.88	4858 751.06	4873 995.32
0 35 00	4813 072.33	4828 316.27	4843 560.31	4858 804.41	4874 048.60
0 37 30	4813 129.88	4828 373.74	4843 617.69	4858 861.72	4874 105.82
0 40 00	4813 191.40	4828 435.18	4843 679.04	4858 922.97	4874 166.99
0 42 30	4813 256.88	4828 500.57	4843 744.33	4858 988.18	4874 232.10
0 45 00	4813 326.34	4828 569.93	4843 813.60	4859 057.34	4874 301.17
0 47 30	4813 399.77	4828 643.25	4843 886.81	4859 130.45	4874 374.17
0 50 00	4813 477.16	4828 720.53	4843 963.99	4859 207.52	4874 451.13
0 52 30	4813 558.52	4828 801.78	4844 045.11	4859 288.53	4874 532.02
0 55 00	4813 643.85	4828 886.99	4844 130.20	4859 373.50	4874 616.87
0 57 30	4813 733.15	4828 976.16	4844 219.25	4859 462.42	4874 705.66
1 00 00	4813 826.42	4829 069.30	4844 312.25	4859 555.29	4874 798.40
1 02 30	4813 923.66	4829 166.40	4844 409.22	4859 652.11	4874 895.09
1 05 00	4814 024.87	4829 267.46	4844 510.14	4859 752.89	4874 995.72
1 07 30	4814 130.04	4829 372.49	4844 615.01	4859 857.62	4875 100.29
1 10 00	4814 239.19	4829 481.48	4844 723.85	4859 966.29	4875 208.82
1 12 30	4814 352.30	4829 594.43	4844 836.64	4860 078.92	4875 321.29
1 15 00	4814 469.39	4829 711.35	4844 953.39	4860 195.51	4875 437.70
1 17 30	4814 590.44	4829 832.23	4845 074.10	4860 316.04	4875 558.06
1 20 00	4814 715.46	4829 957.07	4845 198.76	4860 440.53	4875 682.37
1 22 30	4814 844.44	4830 085.88	4845 327.39	4860 568.97	4875 810.63
1 25 00	4814 977.40	4830 218.64	4845 459.96	4860 701.36	4875 942.83
1 27 30	4815 114.33	4830 355.38	4845 596.50	4860 837.70	4876 078.97
1 30 00	4815 255.23	4830 496.07	4845 736.99	4860 977.99	4876 219.07
1 32 30	4815 400.09	4830 640.73	4845 881.45	4861 122.24	4876 363.11
1 35 00	4815 548.92	4830 789.35	4846 029.86	4861 270.44	4876 511.09
1 37 30	4815 701.72	4830 941.94	4846 182.23	4861 422.59	4876 663.02
1 40 00	4815 858.50	4831 098.48	4846 338.55	4861 578.69	4876 818.90
1 42 30	4816 019.24	4831 259.00	4846 498.83	4861 738.74	4876 978.73
1 45 00	4816 183.94	4831 423.47	4846 663.08	4861 902.75	4877 142.50
1 47 30	4816 352.62	4831 591.91	4846 831.27	4862 070.70	4877 310.21
1 50 00	4816 525.27	4831 764.31	4847 003.43	4862 242.61	4877 481.88
1 52 30	4816 701.88	4831 940.67	4847 179.54	4862 418.47	4877 657.48
1 55 00	4816 882.47	4832 121.00	4847 359.61	4862 598.29	4877 837.04
1 57 30	4817 067.02	4832 305.29	4847 543.63	4862 782.05	4878 020.54
2 00 00	4817 255.54	4832 493.54	4847 731.62	4862 969.77	4878 207.99
2 02 30	4817 448.03	4832 685.76	4847 923.56	4863 161.43	4878 399.38
2 05 00	4817 644.48	4832 881.94	4848 119.46	4863 357.05	4878 594.72
2 07 30	4817 844.91	4833 082.08	4848 319.32	4863 556.62	4878 794.00
2 10 00	4818 049.30	4833 286.18	4848 523.13	4863 760.15	4878 997.23
2 12 30	4818 257.67	4833 494.25	4848 730.90	4863 967.62	4879 204.41
2 15 00	4818 470.00	4833 706.28	4848 942.63	4864 179.05	4879 415.53
2 17 30	4818 686.30	4833 922.27	4849 158.32	4864 394.43	4879 630.60
2 20 00	4818 906.57	4834 142.23	4849 377.96	4864 613.75	4879 849.62
2 22 30	4819 130.81	4834 366.15	4849 601.56	4864 837.04	4880 072.58
2 25 00	4819 359.02	4834 594.03	4849 829.12	4865 064.27	4880 299.49
2 27 30	4819 591.19	4834 825.88	4850 060.63	4865 295.45	4880 530.34
2 30 00	4819 827.34	4835 061.69	4850 296.11	4865 530.59	4880 765.14
2 32 30	4820 067.45	4835 301.46	4850 535.54	4865 769.67	4881 003.88
2 35 00	4820 311.53	4835 545.19	4850 778.92	4866 012.71	4881 246.57
2 37 30	4820 559.58	4835 792.89	4851 026.27	4866 259.71	4881 493.21
2 40 00	4820 811.60	4836 044.55	4851 277.57	4866 510.65	4881 743.79
2 42 30	4821 067.59	4836 300.18	4851 532.83	4866 765.54	4881 998.32
2 45 00	4821 327.55	4836 559.76	4851 792.04	4867 024.39	4882 256.80
2 47 30	4821 591.47	4836 823.31	4852 055.22	4867 287.18	4882 519.22
2 50 00	4821 859.36	4837 090.82	4852 322.35	4867 553.93	4882 785.58
2 52 30	4822 131.22	4837 362.30	4852 593.43	4867 824.63	4883 055.90
2 55 00	4822 407.05	4837 637.74	4852 868.48	4868 099.28	4883 330.15
2 57 30	4822 686.85	4837 917.13	4853 147.48	4868 377.89	4883 608.36
3 00 00	4822 970.62	4838 200.50	4853 430.44	4868 660.44	4883 890.50

Second-difference correction to y for indicated value of k (for all Δλ's)

k	0" 150"	5" 145"	10" 140"	15" 135"	20" 130"	25" 125"	30" 120"	35" 115"	40" 110"	45" 105"	50" 100"	55" 95"	60" 90"	65" 85"	70" 80"	75" 75"
Correction	-.01	-.08	-.14	-.19	-.24	-.29	-.33	-.37	-.40	-.43	-.45	-.47	-.49	-.50	-.51	-.51

Correction for h is negligible

ALASKA – ZONES 2 TO 9
STATE PLANE COORDINATES IN FEET – X'

Δλ \ φ	67 20 00	67 22 30	67 25 00	67 27 30	67 30 00
0 00 00	0.00	0.00	0.00	0.00	0.00
0 02 30	5 880.82	5 870.59	5 860.35	5 850.11	5 839.87
0 05 00	11 761.63	11 741.17	11 720.70	11 700.22	11 679.74
0 07 30	17 642.44	17 611.75	17 581.04	17 550.33	17 519.60
0 10 00	23 523.24	23 482.32	23 441.38	23 400.43	23 359.46
0 12 30	29 404.04	29 352.88	29 301.71	29 250.52	29 199.31
0 15 00	35 284.82	35 223.43	35 162.02	35 100.60	35 039.15
0 17 30	41 165.59	41 093.97	41 022.33	40 950.66	40 878.97
0 20 00	47 046.35	46 964.49	46 882.62	46 800.71	46 718.78
0 22 30	52 927.08	52 835.00	52 742.89	52 650.74	52 558.58
0 25 00	58 807.80	58 705.49	58 603.14	58 500.76	58 398.35
0 27 30	64 688.50	64 575.95	64 463.37	64 350.75	64 238.10
0 30 00	70 569.17	70 446.39	70 323.57	70 200.72	70 077.83
0 32 30	76 449.81	76 316.81	76 183.75	76 050.66	75 917.53
0 35 00	82 330.43	82 187.19	82 043.90	81 900.57	81 757.20
0 37 30	88 211.02	88 057.54	87 904.02	87 750.46	87 596.84
0 40 00	94 091.57	93 927.87	93 764.11	93 600.31	93 436.45
0 42 30	99 972.09	99 798.16	99 624.17	99 450.12	99 276.02
0 45 00	105 852.57	105 668.41	105 484.18	105 299.90	105 115.56
0 47 30	111 733.01	111 538.62	111 344.16	111 149.64	110 955.06
0 50 00	117 613.42	117 408.79	117 204.09	116 999.33	116 794.51
0 52 30	123 493.78	123 278.91	123 063.98	122 848.99	122 633.93
0 55 00	129 374.09	129 148.99	128 923.83	128 698.60	128 473.29
0 57 30	135 254.35	135 019.02	134 783.62	134 548.16	134 312.61
1 00 00	141 134.56	140 889.00	140 643.37	140 397.67	140 151.88
1 02 30	147 014.72	146 758.93	146 503.07	146 247.12	145 991.10
1 05 00	152 894.83	152 628.81	152 362.70	152 096.52	151 830.26
1 07 30	158 774.88	158 498.63	158 222.29	157 945.87	157 669.36
1 10 00	164 654.87	164 368.39	164 081.81	163 795.15	163 508.41
1 12 30	170 534.80	170 238.08	169 941.27	169 644.38	169 347.39
1 15 00	176 414.66	176 107.72	175 800.68	175 493.54	175 186.31
1 17 30	182 294.46	181 977.29	181 660.01	181 342.64	181 025.17
1 20 00	188 174.19	187 846.78	187 519.27	187 191.67	186 863.96
1 22 30	194 053.86	193 716.22	193 378.47	193 040.63	192 702.67
1 25 00	199 933.45	199 585.58	199 237.60	198 889.51	198 541.32
1 27 30	205 812.96	205 454.86	205 096.65	204 738.33	204 379.89
1 30 00	211 692.40	211 324.07	210 955.62	210 587.06	210 218.39
1 32 30	217 571.76	217 193.20	216 814.52	216 435.72	216 056.81
1 35 00	223 451.04	223 062.25	222 673.33	222 284.30	221 895.14
1 37 30	229 330.23	228 931.21	228 532.06	228 132.79	227 733.39
1 40 00	235 209.35	234 800.09	234 390.70	233 981.20	233 571.56
1 42 30	241 088.37	240 668.88	240 249.26	239 829.51	239 409.64
1 45 00	246 967.30	246 537.58	246 107.73	245 677.75	245 247.63
1 47 30	252 846.14	252 406.19	251 966.11	251 525.89	251 085.53
1 50 00	258 724.90	258 274.71	257 824.39	257 373.93	256 923.33
1 52 30	264 603.55	264 143.13	263 682.58	263 221.88	262 761.04
1 55 00	270 482.10	270 011.46	269 540.67	269 069.73	268 598.65
1 57 30	276 360.55	275 879.68	275 398.66	274 917.48	274 436.16
2 00 00	282 238.90	281 747.80	281 256.54	280 765.13	280 273.57
2 02 30	288 117.15	287 615.81	287 114.32	286 612.67	286 110.87
2 05 00	293 995.29	293 483.72	292 971.99	292 460.11	291 948.07
2 07 30	299 873.31	299 351.51	298 829.56	298 307.44	297 785.16
2 10 00	305 751.24	305 219.20	304 687.01	304 154.65	303 622.13
2 12 30	311 629.04	311 086.77	310 544.35	310 001.76	309 458.99
2 15 00	317 506.72	316 954.23	316 401.57	315 848.74	315 295.74
2 17 30	323 384.29	322 821.57	322 258.68	321 695.61	321 132.36
2 20 00	329 261.74	328 688.79	328 115.66	327 542.36	326 968.87
2 22 30	335 139.07	334 555.89	333 972.52	333 388.98	332 805.26
2 25 00	341 016.27	340 422.86	339 829.26	339 235.48	338 641.52
2 27 30	346 893.35	346 289.70	345 685.87	345 081.86	344 477.65
2 30 00	352 770.29	352 156.42	351 542.35	350 928.10	350 313.66
2 32 30	358 647.11	358 023.00	357 398.70	356 774.22	356 149.53
2 35 00	364 523.79	363 889.45	363 254.92	362 620.20	361 985.28
2 37 30	370 400.34	369 755.77	369 111.00	368 466.04	367 820.88
2 40 00	376 276.74	375 621.95	374 966.95	374 311.75	373 656.35
2 42 30	382 153.01	381 487.98	380 822.75	380 157.31	379 491.67
2 45 00	388 029.14	387 353.88	386 678.41	386 002.74	385 326.86
2 47 30	393 905.12	393 219.63	392 533.93	391 848.02	391 161.90
2 50 00	399 780.95	399 085.24	398 389.30	397 693.15	396 996.79
2 52 30	405 656.64	404 950.69	404 244.52	403 538.14	402 831.54
2 55 00	411 532.18	410 815.99	410 099.60	409 382.98	408 666.14
2 57 30	417 407.55	416 681.14	415 954.51	415 227.66	414 500.58
3 00 00	423 282.78	422 546.14	421 809.27	421 072.19	420 334.87

Second-difference correction to x' for indicated values of h and Δλ

Δλ \ h	0" 150"	15" 135"	30" 120"	45" 105"	60" 90"	75" 75"
0°	0	0	0	0	0	0
1°	0	+.01	+.01	+.01	+.02	+.02
2°	+.01	+.02	+.02	+.03	+.03	+.03
3°	+.01	+.03	+.04	+.04	+.04	+.05

Correction for k is negligible

ALASKA – ZONES 2 TO 9
STATE PLANE COORDINATES IN FEET – Y

Δλ \ φ	67 20 00	67 22 30	67 25 00	67 27 30	67 30 00
0 00 00	4873 661.86	4888 906.68	4904 151.59	4919 396.57	4934 641.64
0 02 30	4873 663.83	4888 908.65	4904 153.55	4919 398.54	4934 643.60
0 05 00	4873 669.75	4888 914.56	4904 159.46	4919 404.43	4934 649.49
0 07 30	4873 679.62	4888 924.41	4904 169.29	4919 414.26	4934 659.30
0 10 00	4873 693.43	4888 938.21	4904 183.07	4919 428.01	4934 673.03
0 12 30	4873 711.19	4888 955.94	4904 200.77	4919 445.69	4934 690.68
0 15 00	4873 732.89	4888 977.61	4904 222.42	4919 467.30	4934 712.26
0 17 30	4873 758.55	4889 003.23	4904 247.99	4919 492.84	4934 737.77
0 20 00	4873 788.14	4889 032.78	4904 277.50	4919 522.31	4934 767.19
0 22 30	4873 821.69	4889 066.28	4904 310.95	4919 555.71	4934 800.55
0 25 00	4873 859.18	4889 103.72	4904 348.33	4919 593.04	4934 837.82
0 27 30	4873 900.61	4889 145.09	4904 389.65	4919 634.30	4934 879.02
0 30 00	4873 946.00	4889 190.41	4904 434.91	4919 679.48	4934 924.14
0 32 30	4873 995.32	4889 239.67	4904 484.09	4919 728.60	4934 973.18
0 35 00	4874 048.60	4889 292.87	4904 537.21	4919 781.65	4935 026.15
0 37 30	4874 105.82	4889 350.01	4904 594.27	4919 838.62	4935 083.04
0 40 00	4874 166.99	4889 411.09	4904 655.26	4919 899.52	4935 143.86
0 42 30	4874 232.10	4889 476.11	4904 720.19	4919 964.36	4935 208.60
0 45 00	4874 301.17	4889 545.07	4904 789.05	4920 033.12	4935 277.26
0 47 30	4874 374.17	4889 617.97	4904 861.85	4920 105.81	4935 349.85
0 50 00	4874 451.13	4889 694.81	4904 938.58	4920 182.43	4935 426.36
0 52 30	4874 532.02	4889 775.59	4905 019.24	4920 262.98	4935 506.79
0 55 00	4874 616.87	4889 860.32	4905 103.85	4920 347.46	4935 591.15
0 57 30	4874 705.66	4889 948.98	4905 192.38	4920 435.87	4935 679.43
1 00 00	4874 798.40	4890 041.59	4905 284.86	4920 528.21	4935 771.63
1 02 30	4874 895.09	4890 138.14	4905 381.26	4920 624.48	4935 867.76
1 05 00	4874 995.72	4890 238.62	4905 481.61	4920 724.67	4935 967.81
1 07 30	4875 100.29	4890 343.05	4905 585.88	4920 828.80	4936 071.78
1 10 00	4875 208.82	4890 451.42	4905 694.09	4920 936.85	4936 179.68
1 12 30	4875 321.29	4890 563.72	4905 806.24	4921 048.84	4936 291.50
1 15 00	4875 437.70	4890 679.97	4905 922.32	4921 164.75	4936 407.25
1 17 30	4875 558.06	4890 800.16	4906 042.33	4921 284.59	4936 526.92
1 20 00	4875 682.37	4890 924.29	4906 166.29	4921 408.37	4936 650.51
1 22 30	4875 810.63	4891 052.36	4906 294.17	4921 536.06	4936 778.03
1 25 00	4875 942.83	4891 184.37	4906 425.99	4921 667.70	4936 909.47
1 27 30	4876 078.97	4891 320.33	4906 561.75	4921 803.25	4937 044.83
1 30 00	4876 219.07	4891 460.21	4906 701.44	4921 942.74	4937 184.11
1 32 30	4876 363.11	4891 604.05	4906 845.06	4922 086.16	4937 327.32
1 35 00	4876 511.09	4891 751.82	4906 992.62	4922 233.50	4937 474.46
1 37 30	4876 663.02	4891 903.53	4907 144.12	4922 384.78	4937 625.51
1 40 00	4876 818.90	4892 059.19	4907 299.55	4922 539.98	4937 780.49
1 42 30	4876 978.73	4892 218.78	4907 458.91	4922 699.12	4937 939.40
1 45 00	4877 142.50	4892 382.31	4907 622.21	4922 862.18	4938 102.22
1 47 30	4877 310.21	4892 549.79	4907 789.44	4923 029.17	4938 268.97
1 50 00	4877 481.88	4892 721.20	4907 960.61	4923 200.09	4938 439.64
1 52 30	4877 657.48	4892 896.56	4908 135.71	4923 374.94	4938 614.24
1 55 00	4877 837.04	4893 075.86	4908 314.75	4923 553.72	4938 792.76
1 57 30	4878 020.54	4893 259.10	4908 497.73	4923 736.43	4938 975.21
2 00 00	4878 207.99	4893 446.27	4908 684.63	4923 923.07	4939 161.57
2 02 30	4878 399.38	4893 637.39	4908 875.48	4924 113.64	4939 351.86
2 05 00	4878 594.72	4893 832.45	4909 070.25	4924 308.13	4939 546.07
2 07 30	4878 794.00	4894 031.45	4909 268.96	4924 506.55	4939 744.21
2 10 00	4878 997.23	4894 234.39	4909 471.61	4924 708.91	4939 946.27
2 12 30	4879 204.41	4894 441.27	4909 678.19	4924 915.19	4940 152.25
2 15 00	4879 415.53	4894 652.08	4909 888.71	4925 125.40	4940 362.16
2 17 30	4879 630.60	4894 866.84	4910 103.16	4925 339.54	4940 575.99
2 20 00	4879 849.62	4895 085.54	4910 321.54	4925 557.61	4940 793.74
2 22 30	4880 072.58	4895 308.18	4910 543.86	4925 779.61	4941 015.42
2 25 00	4880 299.49	4895 534.77	4910 770.12	4926 005.53	4941 241.02
2 27 30	4880 530.34	4895 765.29	4911 000.31	4926 235.39	4941 470.54
2 30 00	4880 765.14	4895 999.75	4911 234.43	4926 469.18	4941 703.98
2 32 30	4881 003.88	4896 238.15	4911 472.49	4926 706.89	4941 941.36
2 35 00	4881 246.57	4896 480.49	4911 714.48	4926 948.53	4942 182.65
2 37 30	4881 493.21	4896 726.77	4911 960.41	4927 194.10	4942 427.86
2 40 00	4881 743.79	4896 977.00	4912 210.26	4927 443.60	4942 677.00
2 42 30	4881 998.32	4897 231.16	4912 464.06	4927 697.03	4942 930.06
2 45 00	4882 256.80	4897 489.26	4912 721.79	4927 954.39	4943 187.04
2 47 30	4882 519.22	4897 751.30	4912 983.46	4928 215.67	4943 447.95
2 50 00	4882 785.58	4898 017.29	4913 249.05	4928 480.89	4943 712.78
2 52 30	4883 055.90	4898 287.21	4913 518.59	4928 750.03	4943 981.54
2 55 00	4883 330.15	4898 561.08	4913 792.06	4929 023.10	4944 254.21
2 57 30	4883 608.36	4898 838.87	4914 069.46	4929 300.11	4944 530.81
3 00 00	4883 890.50	4899 120.62	4914 350.80	4929 581.04	4944 811.33

Second-difference correction to y for indicated value of k (for all Δλ's)

k	0" 150"	5" 145"	10" 140"	15" 135"	20" 130"	25" 125"	30" 120"	35" 115"	40" 110"	45" 105"	50" 100"	55" 95"	60" 90"	65" 85"	70" 80"	75" 75"
Correction	-.01	-.08	-.14	-.19	-.24	-.29	-.33	-.37	-.40	-.43	-.45	-.47	-.49	-.50	-.51	-.51

Correction for h is negligible

ALASKA – ZONES 2 TO 9
STATE PLANE COORDINATES IN FEET – X'

Δλ \ φ	67 30 00	67 32 30	67 35 00	67 37 30	67 40 00
0 00 00	0.00	0.00	0.00	0.00	0.00
0 02 30	5 839.87	5 829.63	5 819.38	5 809.13	5 798.88
0 05 00	11 679.74	11 659.25	11 638.76	11 618.25	11 597.75
0 07 30	17 519.60	17 488.87	17 458.13	17 427.38	17 396.62
0 10 00	23 359.46	23 318.49	23 277.50	23 236.50	23 195.48
0 12 30	29 199.31	29 148.09	29 096.85	29 045.60	28 994.33
0 15 00	35 039.15	34 977.68	34 916.20	34 854.70	34 793.18
0 17 30	40 878.97	40 807.26	40 735.53	40 663.78	40 592.01
0 20 00	46 718.78	46 636.83	46 554.85	46 472.85	46 390.82
0 22 30	52 558.58	52 466.38	52 374.15	52 281.90	52 189.62
0 25 00	58 398.35	58 295.91	58 193.43	58 090.93	57 988.39
0 27 30	64 238.10	64 125.41	64 012.69	63 899.94	63 787.15
0 30 00	70 077.83	69 954.90	69 831.93	69 708.93	69 585.88
0 32 30	75 917.53	75 784.35	75 651.13	75 517.88	75 384.59
0 35 00	81 757.20	81 613.78	81 470.32	81 326.81	81 183.26
0 37 30	87 596.84	87 443.18	87 289.47	87 135.71	86 981.91
0 40 00	93 436.45	93 272.54	93 108.59	92 944.58	92 780.52
0 42 30	99 276.02	99 101.87	98 927.67	98 753.41	98 579.10
0 45 00	105 115.56	104 931.16	104 746.72	104 562.21	104 377.64
0 47 30	110 955.06	110 760.42	110 565.72	110 370.96	110 176.14
0 50 00	116 794.51	116 589.63	116 384.69	116 179.68	115 974.61
0 52 30	122 633.93	122 418.80	122 203.60	121 988.35	121 773.02
0 55 00	128 473.29	128 247.92	128 022.48	127 796.97	127 571.39
0 57 30	134 312.61	134 077.00	133 841.31	133 605.55	133 369.72
1 00 00	140 151.88	139 906.02	139 660.09	139 414.07	139 167.99
1 02 30	145 991.10	145 734.99	145 478.81	145 222.55	144 966.21
1 05 00	151 830.26	151 563.91	151 297.48	151 030.97	150 764.38
1 07 30	157 669.36	157 392.77	157 116.09	156 839.34	156 562.49
1 10 00	163 508.41	163 221.57	162 934.65	162 647.64	162 360.54
1 12 30	169 347.39	169 050.31	168 753.14	168 455.88	168 158.53
1 15 00	175 186.31	174 878.99	174 571.57	174 264.06	173 956.46
1 17 30	181 025.17	180 707.60	180 389.94	180 072.18	179 754.32
1 20 00	186 863.96	186 536.15	186 208.24	185 880.23	185 552.11
1 22 30	192 702.67	192 364.62	192 026.46	191 688.20	191 349.84
1 25 00	198 541.32	198 193.02	197 844.62	197 496.11	197 147.49
1 27 30	204 379.89	204 021.35	203 662.70	203 303.94	202 945.06
1 30 00	210 218.39	209 849.60	209 480.70	209 111.69	208 742.57
1 32 30	216 056.81	215 677.77	215 298.63	214 919.37	214 539.99
1 35 00	221 895.14	221 505.87	221 116.48	220 726.97	220 337.33
1 37 30	227 733.39	227 333.88	226 934.23	226 534.47	226 134.59
1 40 00	233 571.56	233 161.80	232 751.91	232 341.90	231 931.76
1 42 30	239 409.64	238 989.63	238 569.50	238 149.24	237 728.85
1 45 00	245 247.63	244 817.38	244 387.00	243 956.49	243 525.85
1 47 30	251 085.53	250 645.04	250 204.41	249 763.65	249 322.75
1 50 00	256 923.33	256 472.60	256 021.73	255 570.72	255 119.57
1 52 30	262 761.04	262 300.07	261 838.94	261 377.69	260 916.28
1 55 00	268 598.65	268 127.43	267 656.07	267 184.56	266 712.90
1 57 30	274 436.16	273 954.70	273 473.08	272 991.33	272 509.42
2 00 00	280 273.57	279 781.86	279 290.01	278 798.00	278 305.83
2 02 30	286 110.87	285 608.92	285 106.81	284 604.56	284 102.14
2 05 00	291 948.07	291 435.87	290 923.52	290 411.01	289 898.35
2 07 30	297 785.16	297 262.72	296 740.12	296 217.36	295 694.44
2 10 00	303 622.13	303 089.45	302 556.61	302 023.60	301 490.42
2 12 30	309 458.99	308 916.07	308 372.98	307 829.72	307 286.29
2 15 00	315 295.74	314 742.57	314 189.23	313 635.72	313 082.05
2 17 30	321 132.36	320 568.96	320 005.37	319 441.62	318 877.68
2 20 00	326 968.87	326 395.22	325 821.39	325 247.38	324 673.20
2 22 30	332 805.26	332 221.36	331 637.29	331 053.03	330 468.60
2 25 00	338 641.52	338 047.38	337 453.06	336 858.55	336 263.86
2 27 30	344 477.65	343 873.27	343 268.70	342 663.95	342 059.01
2 30 00	350 313.66	349 699.03	349 084.22	348 469.22	347 854.02
2 32 30	356 149.53	355 524.66	354 899.60	354 274.35	353 648.91
2 35 00	361 985.28	361 350.16	360 714.86	360 079.36	359 443.66
2 37 30	367 820.88	367 175.52	366 529.97	365 884.22	365 238.27
2 40 00	373 656.35	373 000.75	372 344.95	371 688.95	371 032.75
2 42 30	379 491.67	378 825.83	378 159.78	377 493.54	376 827.08
2 45 00	385 326.86	384 650.78	383 974.48	383 297.99	382 621.28
2 47 30	391 161.90	390 475.57	389 789.04	389 102.29	388 415.33
2 50 00	396 996.79	396 300.22	395 603.45	394 906.45	394 209.24
2 52 30	402 831.54	402 124.73	401 417.70	400 710.46	400 003.00
2 55 00	408 666.14	407 949.08	407 231.81	406 514.32	405 796.60
2 57 30	414 500.58	413 773.28	413 045.77	412 318.02	411 590.06
3 00 00	420 334.87	419 597.33	418 859.57	418 121.58	417 383.35

Second-difference correction to x' for indicated values of h and Δλ

Δλ \ h	0" 150"	15" 135"	30" 120"	45" 105"	60" 90"	75" 75"
0°	0	0	0	0	0	0
1°	0	+.01	+.01	+.01	+.01	+.01
2°	+.01	+.02	+.02	+.02	+.03	+.03
3°	+.01	+.02	+.03	+.04	+.04	+.04

Correction for k is negligible

ALASKA – ZONES 2 TO 9
STATE PLANE COORDINATES IN FEET – Y

Δλ \ φ	67 30 00	67 32 30	67 35 00	67 37 30	67 40 00
0 00 00	4934 641.64	4949 886.78	4965 132.00	4980 377.31	4995 622.70
0 02 30	4934 643.60	4949 888.74	4965 133.96	4980 379.26	4995 624.64
0 05 00	4934 649.49	4949 894.62	4965 139.83	4980 385.12	4995 630.50
0 07 30	4934 659.30	4949 904.41	4965 149.61	4980 394.89	4995 640.25
0 10 00	4934 673.03	4949 918.12	4965 163.30	4980 408.56	4995 653.90
0 12 30	4934 690.68	4949 935.76	4965 180.91	4980 426.14	4995 671.45
0 15 00	4934 712.26	4949 957.30	4965 202.42	4980 447.62	4995 692.91
0 17 30	4934 737.77	4949 982.77	4965 227.85	4980 473.02	4995 718.26
0 20 00	4934 767.19	4950 012.16	4965 257.19	4980 502.32	4995 747.52
0 22 30	4934 800.55	4950 045.46	4965 290.45	4980 535.52	4995 780.67
0 25 00	4934 837.82	4950 082.68	4965 327.61	4980 572.63	4995 817.73
0 27 30	4934 879.02	4950 123.82	4965 368.69	4980 613.65	4995 858.69
0 30 00	4934 924.14	4950 168.87	4965 413.68	4980 658.57	4995 903.55
0 32 30	4934 973.18	4950 217.85	4965 462.58	4980 707.41	4995 952.31
0 35 00	4935 026.15	4950 270.74	4965 515.40	4980 760.14	4996 004.97
0 37 30	4935 083.04	4950 327.55	4965 572.13	4980 816.79	4996 061.53
0 40 00	4935 143.86	4950 388.27	4965 632.77	4980 877.34	4996 121.99
0 42 30	4935 208.60	4950 452.92	4965 697.32	4980 941.79	4996 186.35
0 45 00	4935 277.26	4950 521.48	4965 765.78	4981 010.16	4996 254.61
0 47 30	4935 349.85	4950 593.96	4965 838.16	4981 082.43	4996 326.78
0 50 00	4935 426.36	4950 670.36	4965 914.44	4981 158.60	4996 402.84
0 52 30	4935 506.79	4950 750.68	4965 994.64	4981 238.68	4996 482.81
0 55 00	4935 591.15	4950 834.91	4966 078.75	4981 322.67	4996 566.67
0 57 30	4935 679.43	4950 923.06	4966 166.77	4981 410.56	4996 654.44
1 00 00	4935 771.63	4951 015.13	4966 258.71	4981 502.37	4996 746.11
1 02 30	4935 867.76	4951 111.12	4966 354.56	4981 598.07	4996 841.67
1 05 00	4935 967.81	4951 211.03	4966 454.32	4981 697.69	4996 941.14
1 07 30	4936 071.78	4951 314.85	4966 557.99	4981 801.21	4997 044.51
1 10 00	4936 179.68	4951 422.59	4966 665.57	4981 908.63	4997 151.78
1 12 30	4936 291.50	4951 534.25	4966 777.07	4982 019.97	4997 262.95
1 15 00	4936 407.25	4951 649.83	4966 892.48	4982 135.21	4997 378.02
1 17 30	4936 526.92	4951 769.32	4967 011.80	4982 254.36	4997 496.99
1 20 00	4936 650.51	4951 892.74	4967 135.03	4982 377.40	4997 619.86
1 22 30	4936 778.03	4952 020.06	4967 262.17	4982 504.37	4997 746.63
1 25 00	4936 909.47	4952 151.31	4967 393.23	4982 635.23	4997 877.30
1 27 30	4937 044.83	4952 286.48	4967 528.20	4982 770.00	4998 011.88
1 30 00	4937 184.11	4952 425.56	4967 667.08	4982 908.68	4998 150.35
1 32 30	4937 327.32	4952 568.56	4967 809.88	4983 051.26	4998 292.73
1 35 00	4937 474.46	4952 715.48	4967 956.58	4983 197.75	4998 439.00
1 37 30	4937 625.51	4952 866.32	4968 107.20	4983 348.15	4998 589.18
1 40 00	4937 780.49	4953 021.07	4968 261.73	4983 502.45	4998 743.25
1 42 30	4937 939.40	4953 179.75	4968 420.17	4983 660.66	4998 901.23
1 45 00	4938 102.22	4953 342.33	4968 582.52	4983 822.77	4999 063.11
1 47 30	4938 268.97	4953 508.84	4968 748.78	4983 988.79	4999 228.89
1 50 00	4938 439.64	4953 679.27	4968 918.96	4984 158.72	4999 398.56
1 52 30	4938 614.24	4953 853.61	4969 093.05	4984 332.56	4999 572.14
1 55 00	4938 792.76	4954 031.87	4969 271.05	4984 510.30	4999 749.62
1 57 30	4938 975.21	4954 214.05	4969 452.96	4984 691.94	4999 931.00
2 00 00	4939 161.57	4954 400.14	4969 638.78	4984 877.50	5000 116.28
2 02 30	4939 351.86	4954 590.16	4969 828.52	4985 066.95	5000 305.46
2 05 00	4939 546.07	4954 784.09	4970 022.17	4985 260.32	5000 498.54
2 07 30	4939 744.21	4954 981.93	4970 219.73	4985 457.59	5000 695.53
2 10 00	4939 946.27	4955 183.70	4970 421.20	4985 658.77	5000 896.41
2 12 30	4940 152.25	4955 389.38	4970 626.58	4985 863.85	5001 101.19
2 15 00	4940 362.16	4955 598.98	4970 835.88	4986 072.84	5001 309.87
2 17 30	4940 575.99	4955 812.50	4971 049.09	4986 285.73	5001 522.45
2 20 00	4940 793.74	4956 029.94	4971 266.21	4986 502.54	5001 738.94
2 22 30	4941 015.42	4956 251.29	4971 487.23	4986 723.24	5001 959.32
2 25 00	4941 241.02	4956 476.56	4971 712.18	4986 947.86	5002 183.60
2 27 30	4941 470.54	4956 705.75	4971 941.03	4987 176.37	5002 411.79
2 30 00	4941 703.98	4956 938.86	4972 173.80	4987 408.80	5002 643.87
2 32 30	4941 941.36	4957 175.88	4972 410.47	4987 645.13	5002 879.86
2 35 00	4942 182.65	4957 416.82	4972 651.06	4987 885.37	5003 119.74
2 37 30	4942 427.86	4957 661.68	4972 895.56	4988 129.51	5003 363.53
2 40 00	4942 677.00	4957 910.46	4973 143.98	4988 377.56	5003 611.21
2 42 30	4942 930.06	4958 163.15	4973 396.30	4988 629.51	5003 862.80
2 45 00	4943 187.04	4958 419.76	4973 652.54	4988 885.38	5004 118.28
2 47 30	4943 447.95	4958 680.29	4973 912.69	4989 145.14	5004 377.67
2 50 00	4943 712.78	4958 944.73	4974 176.74	4989 408.81	5004 640.95
2 52 30	4943 981.54	4959 213.10	4974 444.71	4989 676.39	5004 908.14
2 55 00	4944 254.21	4959 485.37	4974 716.60	4989 947.88	5005 179.22
2 57 30	4944 530.81	4959 761.57	4974 992.39	4990 223.27	5005 454.21
3 00 00	4944 811.33	4960 041.68	4975 272.10	4990 502.56	5005 733.09

Second-difference correction to y for indicated value of k (for all Δλ's)

k	0" 150"	5" 145"	10" 140"	15" 135"	20" 130"	25" 125"	30" 120"	35" 115"	40" 110"	45" 105"	50" 100"	55" 95"	60" 90"	65" 85"	70" 80"	75" 75"
Correction	-.01	-.07	-.13	-.18	-.23	-.28	-.32	-.35	-.38	-.41	-.44	-.46	-.47	-.48	-.49	-.49

Correction for h is negligible

ALASKA – ZONES 2 TO 9
STATE PLANE COORDINATES IN FEET – X'

Δλ \ φ	67 40 00	67 42 30	67 45 00	67 47 30	67 50 00
0 00 00	0.00	0.00	0.00	0.00	0.00
0 02 30	5 798.88	5 788.62	5 778.36	5 768.10	5 757.83
0 05 00	11 597.75	11 577.23	11 556.72	11 536.19	11 515.66
0 07 30	17 396.62	17 365.85	17 335.07	17 304.28	17 273.48
0 10 00	23 195.48	23 154.45	23 113.42	23 072.36	23 031.30
0 12 30	28 994.33	28 943.05	28 891.75	28 840.43	28 789.11
0 15 00	34 793.18	34 731.63	34 670.08	34 608.50	34 546.90
0 17 30	40 592.01	40 520.21	40 448.39	40 376.55	40 304.69
0 20 00	46 390.82	46 308.77	46 226.69	46 144.58	46 062.45
0 22 30	52 189.62	52 097.30	52 004.97	51 912.60	51 820.20
0 25 00	57 988.39	57 885.83	57 783.23	57 680.60	57 577.94
0 27 30	63 787.15	63 674.32	63 561.47	63 448.58	63 335.65
0 30 00	69 585.88	69 462.80	69 339.68	69 216.53	69 093.34
0 32 30	75 384.59	75 251.25	75 117.87	74 984.45	74 851.00
0 35 00	81 183.26	81 039.67	80 896.03	80 752.35	80 608.62
0 37 30	86 981.91	86 828.06	86 674.16	86 520.22	86 366.23
0 40 00	92 780.52	92 616.41	92 452.26	92 288.05	92 123.80
0 42 30	98 579.10	98 404.74	98 230.32	98 055.85	97 881.33
0 45 00	104 377.64	104 193.02	104 008.35	103 823.62	103 638.83
0 47 30	110 176.14	109 981.27	109 786.34	109 591.34	109 396.28
0 50 00	115 974.61	115 769.47	115 564.28	115 359.02	115 153.70
0 52 30	121 773.02	121 557.63	121 342.18	121 126.66	120 911.07
0 55 00	127 571.39	127 345.75	127 120.03	126 894.25	126 668.40
0 57 30	133 369.72	133 133.82	132 897.84	132 661.80	132 425.68
1 00 00	139 167.99	138 921.83	138 675.60	138 429.29	138 182.91
1 02 30	144 966.21	144 709.80	144 453.30	144 196.73	143 940.09
1 05 00	150 764.38	150 497.71	150 230.95	149 964.12	149 697.21
1 07 30	156 562.49	156 285.56	156 008.55	155 731.45	155 454.27
1 10 00	162 360.54	162 073.35	161 786.08	161 498.73	161 211.28
1 12 30	168 158.53	167 861.09	167 563.56	167 265.94	166 968.22
1 15 00	173 956.46	173 648.76	173 340.97	173 033.09	172 725.10
1 17 30	179 754.32	179 436.36	179 118.31	178 800.17	178 481.92
1 20 00	185 552.11	185 223.90	184 895.59	184 567.18	184 238.67
1 22 30	191 349.84	191 011.37	190 672.80	190 334.13	189 995.35
1 25 00	197 147.49	196 798.76	196 449.94	196 101.01	195 751.96
1 27 30	202 945.06	202 586.08	202 227.00	201 867.80	201 508.49
1 30 00	208 742.57	208 373.33	208 003.98	207 634.53	207 264.95
1 32 30	214 539.99	214 160.50	213 780.89	213 401.17	213 021.33
1 35 00	220 337.33	219 947.58	219 557.72	219 167.74	218 777.63
1 37 30	226 134.59	225 734.58	225 334.46	224 934.22	224 533.85
1 40 00	231 931.76	231 521.50	231 111.12	230 700.61	230 289.98
1 42 30	237 728.85	237 308.33	236 887.69	236 466.92	236 046.02
1 45 00	243 525.85	243 095.07	242 664.17	242 233.14	241 801.97
1 47 30	249 322.75	248 881.72	248 440.56	247 999.27	247 557.84
1 50 00	255 119.57	254 668.28	254 216.86	253 765.30	253 313.61
1 52 30	260 916.28	260 454.74	259 993.06	259 531.24	259 069.28
1 55 00	266 712.90	266 241.10	265 769.17	265 297.09	264 824.86
1 57 30	272 509.42	272 027.37	271 545.17	271 062.83	270 580.33
2 00 00	278 305.83	277 813.53	277 321.07	276 828.47	276 335.71
2 02 30	284 102.14	283 599.58	283 096.86	282 594.00	282 090.97
2 05 00	289 898.35	289 385.52	288 872.55	288 359.42	287 846.13
2 07 30	295 694.44	295 171.37	294 648.13	294 124.74	293 601.19
2 10 00	301 490.42	300 957.09	300 423.60	299 889.95	299 356.13
2 12 30	307 286.29	306 742.71	306 198.96	305 655.04	305 110.96
2 15 00	313 082.05	312 528.20	311 974.19	311 420.02	310 865.67
2 17 30	318 877.68	318 313.59	317 749.32	317 184.88	316 620.27
2 20 00	324 673.20	324 098.84	323 524.32	322 949.62	322 374.74
2 22 30	330 468.60	329 883.99	329 299.20	328 714.24	328 129.10
2 25 00	336 263.86	335 669.08	335 073.95	334 478.73	333 883.32
2 27 30	342 059.01	341 453.88	340 848.58	340 243.10	339 637.43
2 30 00	347 854.02	347 238.65	346 623.09	346 007.34	345 391.41
2 32 30	353 648.91	353 023.27	352 397.45	351 771.45	351 145.25
2 35 00	359 443.66	358 807.77	358 171.69	357 535.42	356 898.96
2 37 30	365 238.27	364 592.13	363 945.79	363 299.26	362 652.53
2 40 00	371 032.75	370 376.35	369 719.76	369 062.96	368 405.97
2 42 30	376 827.08	376 160.43	375 493.58	374 826.52	374 159.27
2 45 00	382 621.28	381 944.37	381 267.26	380 589.95	379 912.43
2 47 30	388 415.33	387 728.17	387 040.80	386 353.23	385 665.44
2 50 00	394 209.24	393 511.82	392 814.19	392 116.36	391 418.31
2 52 30	400 003.00	399 295.32	398 587.44	397 879.34	397 171.03
2 55 00	405 796.60	405 078.67	404 360.53	403 642.18	402 923.60
2 57 30	411 590.06	410 861.88	410 133.47	409 404.86	408 676.01
3 00 00	417 383.35	416 644.92	415 906.26	415 167.38	414 428.27

Second-difference correction to x' for indicated values of h and Δλ

Δλ \ h	0" 150"	15" 135"	30" 120"	45" 105"	60" 90"	75" 75"
0°	0	0	0	0	0	0
1°	0	+.01	+.01	+.01	+.01	+.01
2°	+.01	+.02	+.02	+.02	+.03	+.03
3°	+.01	+.02	+.03	+.04	+.04	+.04

Correction for k is negligible

ALASKA – ZONES 2 TO 9
STATE PLANE COORDINATES IN FEET – Y

Δλ \ φ	67 40 00	67 42 30	67 45 00	67 47 30	67 50 00
0 00 00	4995 622.70	5010 868.16	5026 113.70	5041 359.32	5056 605.02
0 02 30	4995 624.64	5010 870.11	5026 115.65	5041 361.27	5056 606.96
0 05 00	4995 630.50	5010 875.95	5026 121.48	5041 367.09	5056 612.78
0 07 30	4995 640.25	5010 885.68	5026 131.20	5041 376.80	5056 622.47
0 10 00	4995 653.90	5010 899.32	5026 144.82	5041 390.39	5056 636.04
0 12 30	4995 671.45	5010 916.84	5026 162.32	5041 407.87	5056 653.50
0 15 00	4995 692.91	5010 938.27	5026 183.71	5041 429.22	5056 674.82
0 17 30	4995 718.26	5010 963.58	5026 208.99	5041 454.47	5056 700.03
0 20 00	4995 747.52	5010 992.80	5026 238.16	5041 483.59	5056 729.11
0 22 30	4995 780.67	5011 025.91	5026 271.22	5041 516.61	5056 762.07
0 25 00	4995 817.73	5011 062.91	5026 308.16	5041 553.50	5056 798.91
0 27 30	4995 858.69	5011 103.80	5026 349.00	5041 594.27	5056 839.63
0 30 00	4995 903.55	5011 148.60	5026 393.73	5041 638.94	5056 884.22
0 32 30	4995 952.31	5011 197.28	5026 442.34	5041 687.48	5056 932.69
0 35 00	4996 004.97	5011 249.87	5026 494.85	5041 739.91	5056 985.04
0 37 30	4996 061.53	5011 306.34	5026 551.24	5041 796.22	5057 041.27
0 40 00	4996 121.99	5011 366.72	5026 611.52	5041 856.41	5057 101.37
0 42 30	4996 186.35	5011 430.98	5026 675.70	5041 920.49	5057 165.36
0 45 00	4996 254.61	5011 499.15	5026 743.76	5041 988.45	5057 233.22
0 47 30	4996 326.78	5011 571.20	5026 815.71	5042 060.30	5057 304.95
0 50 00	4996 402.84	5011 647.15	5026 891.55	5042 136.02	5057 380.57
0 52 30	4996 482.81	5011 727.00	5026 971.28	5042 215.63	5057 460.06
0 55 00	4996 566.67	5011 810.74	5027 054.90	5042 299.13	5057 543.43
0 57 30	4996 654.44	5011 898.38	5027 142.41	5042 386.51	5057 630.68
1 00 00	4996 746.11	5011 989.91	5027 233.80	5042 477.77	5057 721.81
1 02 30	4996 841.67	5012 085.34	5027 329.09	5042 572.91	5057 816.81
1 05 00	4996 941.14	5012 184.66	5027 428.26	5042 671.94	5057 915.69
1 07 30	4997 044.51	5012 287.88	5027 531.33	5042 774.85	5058 018.45
1 10 00	4997 151.78	5012 394.99	5027 638.28	5042 881.65	5058 125.09
1 12 30	4997 262.95	5012 505.99	5027 749.12	5042 992.32	5058 235.60
1 15 00	4997 378.02	5012 620.90	5027 863.85	5043 106.89	5058 349.99
1 17 30	4997 496.99	5012 739.69	5027 982.48	5043 225.33	5058 468.27
1 20 00	4997 619.86	5012 862.38	5028 104.98	5043 347.66	5058 590.41
1 22 30	4997 746.63	5012 988.97	5028 231.38	5043 473.88	5058 716.44
1 25 00	4997 877.30	5013 119.45	5028 361.67	5043 603.97	5058 846.34
1 27 30	4998 011.88	5013 253.83	5028 495.85	5043 737.95	5058 980.12
1 30 00	4998 150.35	5013 392.10	5028 633.92	5043 875.81	5059 117.78
1 32 30	4998 292.73	5013 534.26	5028 775.87	5044 017.56	5059 259.31
1 35 00	4998 439.00	5013 680.32	5028 921.72	5044 163.18	5059 404.72
1 37 30	4998 589.18	5013 830.28	5029 071.45	5044 312.69	5059 554.01
1 40 00	4998 743.25	5013 984.13	5029 225.07	5044 466.09	5059 707.18
1 42 30	4998 901.23	5014 141.87	5029 382.59	5044 623.37	5059 864.22
1 45 00	4999 063.11	5014 303.51	5029 543.99	5044 784.53	5060 025.15
1 47 30	4999 228.89	5014 469.04	5029 709.27	5044 949.57	5060 189.95
1 50 00	4999 398.56	5014 638.47	5029 878.45	5045 118.50	5060 358.63
1 52 30	4999 572.14	5014 811.79	5030 051.52	5045 291.32	5060 531.18
1 55 00	4999 749.62	5014 989.01	5030 228.48	5045 468.01	5060 707.61
1 57 30	4999 931.00	5015 170.13	5030 409.32	5045 648.59	5060 887.93
2 00 00	5000 116.28	5015 355.13	5030 594.06	5045 833.05	5061 072.11
2 02 30	5000 305.46	5015 544.04	5030 782.68	5046 021.39	5061 260.17
2 05 00	5000 498.54	5015 736.83	5030 975.19	5046 213.62	5061 452.12
2 07 30	5000 695.53	5015 933.52	5031 171.59	5046 409.73	5061 647.94
2 10 00	5000 896.41	5016 134.11	5031 371.88	5046 609.72	5061 847.63
2 12 30	5001 101.19	5016 338.59	5031 576.06	5046 813.60	5062 051.20
2 15 00	5001 309.87	5016 546.96	5031 784.13	5047 021.36	5062 258.66
2 17 30	5001 522.45	5016 759.23	5031 996.08	5047 233.00	5062 469.99
2 20 00	5001 738.94	5016 975.40	5032 211.93	5047 448.53	5062 685.19
2 22 30	5001 959.32	5017 195.46	5032 431.66	5047 667.94	5062 904.27
2 25 00	5002 183.60	5017 419.41	5032 655.29	5047 891.23	5063 127.24
2 27 30	5002 411.79	5017 647.26	5032 882.80	5048 118.40	5063 354.08
2 30 00	5002 643.87	5017 879.00	5033 114.20	5048 349.46	5063 584.79
2 32 30	5002 879.86	5018 114.64	5033 349.49	5048 584.40	5063 819.38
2 35 00	5003 119.74	5018 354.17	5033 588.67	5048 823.23	5064 057.85
2 37 30	5003 363.53	5018 597.60	5033 831.73	5049 065.93	5064 300.20
2 40 00	5003 611.21	5018 844.92	5034 078.69	5049 312.52	5064 546.42
2 42 30	5003 862.80	5019 096.13	5034 329.53	5049 563.00	5064 796.52
2 45 00	5004 118.28	5019 351.24	5034 584.27	5049 817.35	5065 050.50
2 47 30	5004 377.67	5019 610.25	5034 842.89	5050 075.59	5065 308.36
2 50 00	5004 640.95	5019 873.14	5035 105.40	5050 337.71	5065 570.09
2 52 30	5004 908.14	5020 139.94	5035 371.80	5050 603.71	5065 835.69
2 55 00	5005 179.22	5020 410.62	5035 642.08	5050 873.60	5066 105.18
2 57 30	5005 454.21	5020 685.20	5035 916.26	5051 147.37	5066 378.54
3 00 00	5005 733.09	5020 963.68	5036 194.32	5051 425.02	5066 655.78

Second-difference correction to y for indicated value of k (for all Δλ's)

k	0" 150"	5" 145"	10" 140"	15" 135"	20" 130"	25" 125"	30" 120"	35" 115"	40" 110"	45" 105"	50" 100"	55" 95"	60" 90"	65" 85"	70" 80"	75" 75"
Correction	-.01	-.07	-.13	-.18	-.23	-.28	-.32	-.35	-.38	-.41	-.44	-.46	-.47	-.48	-.49	-.49

Correction for h is negligible

ALASKA – ZONES 2 TO 9
STATE PLANE COORDINATES IN FEET – X'

Δλ \ φ	67 50 00	67 52 30	67 55 00	67 57 30	68 00 00
0 00 00	0.00	0.00	0.00	0.00	0.00
0 02 30	5 757.83	5 747.56	5 737.29	5 727.01	5 716.73
0 05 00	11 515.66	11 495.12	11 474.57	11 454.02	11 433.47
0 07 30	17 273.48	17 242.67	17 211.86	17 181.03	17 150.20
0 10 00	23 031.30	22 990.22	22 949.13	22 908.03	22 866.92
0 12 30	28 789.11	28 737.76	28 686.40	28 635.02	28 583.63
0 15 00	34 546.90	34 485.29	34 423.65	34 362.00	34 300.33
0 17 30	40 304.69	40 232.80	40 160.90	40 088.97	40 017.02
0 20 00	46 062.45	45 980.30	45 898.12	45 815.92	45 733.69
0 22 30	51 820.20	51 727.78	51 635.33	51 542.86	51 450.35
0 25 00	57 577.94	57 475.25	57 372.52	57 269.77	57 166.99
0 27 30	63 335.65	63 222.69	63 109.69	62 996.67	62 883.60
0 30 00	69 093.34	68 970.10	68 846.84	68 723.54	68 600.19
0 32 30	74 851.00	74 717.49	74 583.96	74 450.38	74 316.76
0 35 00	80 608.62	80 464.86	80 321.05	80 177.20	80 033.30
0 37 30	86 366.23	86 212.19	86 058.11	85 903.98	85 749.80
0 40 00	92 123.80	91 959.49	91 795.13	91 630.73	91 466.28
0 42 30	97 881.33	97 706.76	97 532.13	97 357.45	97 182.72
0 45 00	103 638.83	103 453.98	103 269.08	103 084.13	102 899.12
0 47 30	109 396.28	109 201.17	109 006.00	108 810.77	108 615.48
0 50 00	115 153.70	114 948.32	114 742.88	114 537.37	114 331.80
0 52 30	120 911.07	120 695.42	120 479.71	120 263.93	120 048.08
0 55 00	126 668.40	126 442.48	126 216.49	125 990.44	125 764.32
0 57 30	132 425.68	132 189.49	131 953.23	131 716.90	131 480.50
1 00 00	138 182.91	137 936.45	137 689.92	137 443.31	137 196.64
1 02 30	143 940.09	143 683.36	143 426.55	143 169.67	142 912.72
1 05 00	149 697.21	149 430.21	149 163.13	148 895.98	148 628.74
1 07 30	155 454.27	155 177.01	154 899.66	154 622.23	154 344.72
1 10 00	161 211.28	160 923.75	160 636.13	160 348.42	160 060.63
1 12 30	166 968.22	166 670.42	166 372.53	166 074.55	165 776.48
1 15 00	172 725.10	172 417.03	172 108.87	171 800.62	171 492.27
1 17 30	178 481.92	178 163.58	177 845.15	177 526.62	177 207.99
1 20 00	184 238.67	183 910.07	183 581.36	183 252.55	182 923.65
1 22 30	189 995.35	189 656.48	189 317.50	188 978.42	188 639.24
1 25 00	195 751.96	195 402.82	195 053.56	194 704.21	194 354.75
1 27 30	201 508.49	201 149.08	200 789.56	200 429.93	200 070.19
1 30 00	207 264.95	206 895.27	206 525.48	206 155.57	205 785.56
1 32 30	213 021.33	212 641.38	212 261.32	211 881.14	211 500.85
1 35 00	218 777.63	218 387.41	217 997.07	217 606.62	217 216.05
1 37 30	224 533.85	224 133.35	223 732.75	223 332.02	222 931.17
1 40 00	230 289.98	229 879.22	229 468.34	229 057.34	228 646.21
1 42 30	236 046.02	235 625.00	235 203.84	234 782.57	234 361.16
1 45 00	241 801.97	241 370.68	240 939.26	240 507.70	240 076.02
1 47 30	247 557.84	247 116.28	246 674.58	246 232.75	245 790.80
1 50 00	253 313.61	252 861.78	252 409.81	251 957.71	251 505.47
1 52 30	259 069.28	258 607.18	258 144.95	257 682.57	257 220.06
1 55 00	264 824.86	264 352.49	263 879.98	263 407.33	262 934.54
1 57 30	270 580.33	270 097.70	269 614.92	269 131.99	268 648.92
2 00 00	276 335.71	275 842.80	275 349.75	274 856.55	274 363.21
2 02 30	282 090.97	281 587.80	281 084.48	280 581.01	280 077.38
2 05 00	287 846.13	287 332.70	286 819.10	286 305.35	285 791.45
2 07 30	293 601.19	293 077.48	292 553.62	292 029.59	291 505.42
2 10 00	299 356.13	298 822.15	298 288.02	297 753.72	297 219.27
2 12 30	305 110.96	304 566.72	304 022.31	303 477.74	302 933.00
2 15 00	310 865.67	310 311.16	309 756.48	309 201.64	308 646.63
2 17 30	316 620.27	316 055.49	315 490.54	314 925.42	314 360.13
2 20 00	322 374.74	321 799.69	321 224.47	320 649.08	320 073.52
2 22 30	328 129.10	327 543.78	326 958.29	326 372.62	325 786.78
2 25 00	333 883.32	333 287.74	332 691.98	332 096.04	331 499.92
2 27 30	339 637.43	339 031.58	338 425.54	337 819.33	337 212.93
2 30 00	345 391.41	344 775.28	344 158.98	343 542.49	342 925.82
2 32 30	351 145.25	350 518.86	349 892.28	349 265.52	348 638.57
2 35 00	356 898.96	356 262.30	355 625.46	354 988.42	354 351.20
2 37 30	362 652.53	362 005.61	361 358.49	360 711.19	360 063.69
2 40 00	368 405.97	367 748.78	367 091.39	366 433.81	365 776.03
2 42 30	374 159.27	373 491.81	372 824.16	372 156.30	371 488.25
2 45 00	379 912.43	379 234.70	378 556.78	377 878.64	377 200.31
2 47 30	385 665.44	384 977.45	384 289.25	383 600.85	382 912.24
2 50 00	391 418.31	390 720.05	390 021.58	389 322.90	388 624.02
2 52 30	397 171.03	396 462.50	395 753.76	395 044.81	394 335.65
2 55 00	402 923.60	402 204.80	401 485.79	400 766.57	400 047.13
2 57 30	408 676.01	407 946.95	407 217.67	406 488.18	405 758.46
3 00 00	414 428.27	413 688.95	412 949.39	412 209.63	411 469.63

Second-difference correction to x' for indicated values of h and Δλ

Δλ \ h	0" 150"	15" 135"	30" 120"	45" 105"	60" 90"	75" 75"
0°	0	0	0	0	0	0
1°	0	+.01	+.01	+.01	+.01	+.01
2°	+.01	+.02	+.02	+.02	+.03	+.03
3°	+.01	+.02	+.03	+.04	+.04	+.04

Correction for k is negligible

ALASKA – ZONES 2 TO 9
STATE PLANE COORDINATES IN FEET – Y

Δλ \ φ	67 50 00	67 52 30	67 55 00	67 57 30	68 00 00
0 00 00	5056 605.02	5071 850.81	5087 096.67	5102 342.61	5117 588.62
0 02 30	5056 606.96	5071 852.74	5087 098.60	5102 344.54	5117 590.55
0 05 00	5056 612.78	5071 858.55	5087 104.40	5102 350.33	5117 596.33
0 07 30	5056 622.47	5071 868.23	5087 114.07	5102 359.98	5117 605.97
0 10 00	5056 636.04	5071 881.78	5087 127.60	5102 373.49	5117 619.46
0 12 30	5056 653.50	5071 899.21	5087 145.00	5102 390.86	5117 636.80
0 15 00	5056 674.82	5071 920.50	5087 166.26	5102 412.09	5117 658.01
0 17 30	5056 700.03	5071 945.67	5087 191.39	5102 437.19	5117 683.06
0 20 00	5056 729.11	5071 974.71	5087 220.39	5102 466.14	5117 711.97
0 22 30	5056 762.07	5072 007.62	5087 253.25	5102 498.95	5117 744.73
0 25 00	5056 798.91	5072 044.41	5087 289.98	5102 535.63	5117 781.35
0 27 30	5056 839.63	5072 085.06	5087 330.57	5102 576.16	5117 821.83
0 30 00	5056 884.22	5072 129.59	5087 375.03	5102 620.56	5117 866.15
0 32 30	5056 932.69	5072 177.99	5087 423.36	5102 668.81	5117 914.34
0 35 00	5056 985.04	5072 230.26	5087 475.56	5102 720.93	5117 966.37
0 37 30	5057 041.27	5072 286.40	5087 531.62	5102 776.90	5118 022.27
0 40 00	5057 101.37	5072 346.42	5087 591.54	5102 836.74	5118 082.01
0 42 30	5057 165.36	5072 410.31	5087 655.33	5102 900.43	5118 145.61
0 45 00	5057 233.22	5072 478.07	5087 722.99	5102 967.99	5118 213.07
0 47 30	5057 304.95	5072 549.69	5087 794.51	5103 039.41	5118 284.38
0 50 00	5057 380.57	5072 625.20	5087 869.90	5103 114.68	5118 359.54
0 52 30	5057 460.06	5072 704.57	5087 949.16	5103 193.82	5118 438.56
0 55 00	5057 543.43	5072 787.82	5088 032.28	5103 276.82	5118 521.44
0 57 30	5057 630.68	5072 874.94	5088 119.27	5103 363.68	5118 608.16
1 00 00	5057 721.81	5072 965.93	5088 210.13	5103 454.40	5118 698.75
1 02 30	5057 816.81	5073 060.79	5088 304.85	5103 548.98	5118 793.18
1 05 00	5057 915.69	5073 159.53	5088 403.43	5103 647.42	5118 891.47
1 07 30	5058 018.45	5073 262.13	5088 505.89	5103 749.72	5118 993.62
1 10 00	5058 125.09	5073 368.61	5088 612.21	5103 855.88	5119 099.62
1 12 30	5058 235.60	5073 478.96	5088 722.39	5103 965.90	5119 209.48
1 15 00	5058 349.99	5073 593.18	5088 836.44	5104 079.78	5119 323.19
1 17 30	5058 468.27	5073 711.27	5088 954.36	5104 197.52	5119 440.75
1 20 00	5058 590.41	5073 833.24	5089 076.14	5104 319.12	5119 562.17
1 22 30	5058 716.44	5073 959.08	5089 201.79	5104 444.58	5119 687.44
1 25 00	5058 846.34	5074 088.79	5089 331.31	5104 573.90	5119 816.57
1 27 30	5058 980.12	5074 222.37	5089 464.69	5104 707.08	5119 949.55
1 30 00	5059 117.78	5074 359.82	5089 601.94	5104 844.12	5120 086.38
1 32 30	5059 259.31	5074 501.15	5089 743.05	5104 985.03	5120 227.08
1 35 00	5059 404.72	5074 646.34	5089 888.03	5105 129.79	5120 371.62
1 37 30	5059 554.01	5074 795.41	5090 036.88	5105 278.41	5120 520.02
1 40 00	5059 707.18	5074 948.35	5090 189.59	5105 430.89	5120 672.27
1 42 30	5059 864.22	5075 105.16	5090 346.16	5105 587.24	5120 828.38
1 45 00	5060 025.15	5075 265.84	5090 506.61	5105 747.44	5120 988.34
1 47 30	5060 189.95	5075 430.40	5090 670.92	5105 911.50	5121 152.16
1 50 00	5060 358.63	5075 598.82	5090 839.09	5106 079.43	5121 319.83
1 52 30	5060 531.18	5075 771.12	5091 011.13	5106 251.21	5121 491.36
1 55 00	5060 707.61	5075 947.29	5091 187.04	5106 426.85	5121 666.74
1 57 30	5060 887.93	5076 127.33	5091 366.81	5106 606.35	5121 845.97
2 00 00	5061 072.11	5076 311.25	5091 550.45	5106 789.72	5122 029.06
2 02 30	5061 260.17	5076 499.03	5091 737.96	5106 976.94	5122 216.00
2 05 00	5061 452.12	5076 690.69	5091 929.32	5107 168.03	5122 406.80
2 07 30	5061 647.94	5076 886.21	5092 124.56	5107 362.97	5122 601.45
2 10 00	5061 847.63	5077 085.61	5092 323.66	5107 561.78	5122 799.95
2 12 30	5062 051.20	5077 288.89	5092 526.63	5107 764.44	5123 002.31
2 15 00	5062 258.66	5077 496.03	5092 733.46	5107 970.96	5123 208.53
2 17 30	5062 469.99	5077 707.04	5092 944.16	5108 181.34	5123 418.59
2 20 00	5062 685.19	5077 921.93	5093 158.73	5108 395.59	5123 632.51
2 22 30	5062 904.27	5078 140.68	5093 377.16	5108 613.69	5123 850.29
2 25 00	5063 127.24	5078 363.31	5093 599.45	5108 835.65	5124 071.92
2 27 30	5063 354.08	5078 589.81	5093 825.62	5109 061.48	5124 297.41
2 30 00	5063 584.79	5078 820.18	5094 055.64	5109 291.16	5124 526.75
2 32 30	5063 819.38	5079 054.43	5094 289.54	5109 524.70	5124 759.93
2 35 00	5064 057.85	5079 292.54	5094 527.29	5109 762.11	5124 996.98
2 37 30	5064 300.20	5079 534.53	5094 768.92	5110 003.37	5125 237.88
2 40 00	5064 546.42	5079 780.38	5095 014.41	5110 248.49	5125 482.64
2 42 30	5064 796.52	5080 030.11	5095 263.76	5110 497.47	5125 731.24
2 45 00	5065 050.50	5080 283.71	5095 516.98	5110 750.31	5125 983.70
2 47 30	5065 308.36	5080 541.18	5095 774.07	5111 007.01	5126 240.02
2 50 00	5065 570.09	5080 802.52	5096 035.02	5111 267.57	5126 500.19
2 52 30	5065 835.69	5081 067.74	5096 299.84	5111 531.99	5126 764.21
2 55 00	5066 105.18	5081 336.82	5096 568.52	5111 800.27	5127 032.09
2 57 30	5066 378.54	5081 609.78	5096 841.07	5112 072.41	5127 303.82
3 00 00	5066 655.78	5081 886.60	5097 117.48	5112 348.42	5127 579.41

Second-difference correction to y for indicated value of k (for all Δλ's)

k	0" 150"	5" 145"	10" 140"	15" 135"	20" 130"	25" 125"	30" 120"	35" 115"	40" 110"	45" 105"	50" 100"	55" 95"	60" 90"	65" 85"	70" 80"	75" 75"
Correction	-.01	-.07	-.13	-.18	-.23	-.28	-.32	-.35	-.38	-.41	-.44	-.46	-.47	-.48	-.49	-.49

Correction for h is negligible

ALASKA – ZONES 2 TO 9
STATE PLANE COORDINATES IN FEET – X'

Δλ \ φ	68 00 00	68 02 30	68 05 00	68 07 30	68 10 00
0 00 00	0.00	0.00	0.00	0.00	0.00
0 02 30	5 716.73	5 706.46	5 696.17	5 685.88	5 675.59
0 05 00	11 433.47	11 412.90	11 392.34	11 371.76	11 351.18
0 07 30	17 150.20	17 119.35	17 088.50	17 057.64	17 026.76
0 10 00	22 866.92	22 825.79	22 784.65	22 743.50	22 702.34
0 12 30	28 583.63	28 532.22	28 480.80	28 429.36	28 377.91
0 15 00	34 300.33	34 238.64	34 176.94	34 115.21	34 053.47
0 17 30	40 017.02	39 945.05	39 873.06	39 801.05	39 729.01
0 20 00	45 733.69	45 651.44	45 569.17	45 486.87	45 404.55
0 22 30	51 450.35	51 357.82	51 265.26	51 172.67	51 080.06
0 25 00	57 166.99	57 064.18	56 961.33	56 858.46	56 755.55
0 27 30	62 883.60	62 770.51	62 657.38	62 544.22	62 431.02
0 30 00	68 600.19	68 476.82	68 353.40	68 229.95	68 106.46
0 32 30	74 316.76	74 183.10	74 049.41	73 915.67	73 781.89
0 35 00	80 033.30	79 889.36	79 745.38	79 601.35	79 457.28
0 37 30	85 749.80	85 595.58	85 441.32	85 287.00	85 132.64
0 40 00	91 466.28	91 301.78	91 137.23	90 972.62	90 807.97
0 42 30	97 182.72	97 007.94	96 833.10	96 658.21	96 483.27
0 45 00	102 899.12	102 714.05	102 528.93	102 343.76	102 158.53
0 47 30	108 615.48	108 420.14	108 224.73	108 029.27	107 833.75
0 50 00	114 331.80	114 126.18	113 920.49	113 714.74	113 508.93
0 52 30	120 048.08	119 832.17	119 616.20	119 400.16	119 184.06
0 55 00	125 764.32	125 538.12	125 311.87	125 085.54	124 859.15
0 57 30	131 480.50	131 244.03	131 007.49	130 770.87	130 534.19
1 00 00	137 196.64	136 949.88	136 703.05	136 456.15	136 209.18
1 02 30	142 912.72	142 655.68	142 398.57	142 141.38	141 884.12
1 05 00	148 628.74	148 361.43	148 094.03	147 826.56	147 559.01
1 07 30	154 344.72	154 067.12	153 789.44	153 511.68	153 233.83
1 10 00	160 060.63	159 772.75	159 484.79	159 196.74	158 908.60
1 12 30	165 776.48	165 478.32	165 180.08	164 881.74	164 583.31
1 15 00	171 492.27	171 183.83	170 875.30	170 566.67	170 257.96
1 17 30	177 207.99	176 889.28	176 570.46	176 251.54	175 932.54
1 20 00	182 923.65	182 594.65	182 265.55	181 936.35	181 607.05
1 22 30	188 639.24	188 299.95	187 960.57	187 621.08	187 281.50
1 25 00	194 354.75	194 005.19	193 655.52	193 305.75	192 955.87
1 27 30	200 070.19	199 710.35	199 350.40	198 990.34	198 630.17
1 30 00	205 785.56	205 415.43	205 045.20	204 674.85	204 304.39
1 32 30	211 500.85	211 120.44	210 739.92	210 359.28	209 978.54
1 35 00	217 216.05	216 825.36	216 434.56	216 043.64	215 652.60
1 37 30	222 931.17	222 530.20	222 129.12	221 727.91	221 326.58
1 40 00	228 646.21	228 234.96	227 823.59	227 412.09	227 000.48
1 42 30	234 361.16	233 939.63	233 517.98	233 096.19	232 674.29
1 45 00	240 076.02	239 644.22	239 212.28	238 780.20	238 348.01
1 47 30	245 790.80	245 348.70	244 906.49	244 464.13	244 021.64
1 50 00	251 505.47	251 053.10	250 600.59	250 147.95	249 695.18
1 52 30	257 220.06	256 757.40	256 294.62	255 831.69	255 368.62
1 55 00	262 934.54	262 461.61	261 988.53	261 515.32	261 041.96
1 57 30	268 648.92	268 165.71	267 682.36	267 198.85	266 715.21
2 00 00	274 363.21	273 869.71	273 376.07	272 882.28	272 388.35
2 02 30	280 077.38	279 573.61	279 069.68	278 565.61	278 061.39
2 05 00	285 791.45	285 277.40	284 763.19	284 248.83	283 734.31
2 07 30	291 505.42	290 981.08	290 456.59	289 931.94	289 407.14
2 10 00	297 219.27	296 684.65	296 149.88	295 614.94	295 079.85
2 12 30	302 933.00	302 388.11	301 843.05	301 297.83	300 752.45
2 15 00	308 646.63	308 091.45	307 536.11	306 980.60	306 424.94
2 17 30	314 360.13	313 794.67	313 229.05	312 663.26	312 097.30
2 20 00	320 073.52	319 497.78	318 921.88	318 345.79	317 769.54
2 22 30	325 786.78	325 200.76	324 614.57	324 028.21	323 441.67
2 25 00	331 499.92	330 903.62	330 307.15	329 710.50	329 113.67
2 27 30	337 212.93	336 606.35	335 999.60	335 392.66	334 785.55
2 30 00	342 925.82	342 308.96	341 691.92	341 074.70	340 457.29
2 32 30	348 638.57	348 011.43	347 384.11	346 756.60	346 128.91
2 35 00	354 351.20	353 713.78	353 076.18	352 438.38	351 800.40
2 37 30	360 063.69	359 415.99	358 768.10	358 120.02	357 471.75
2 40 00	365 776.03	365 118.06	364 459.88	363 801.52	363 142.95
2 42 30	371 488.25	370 819.99	370 151.54	369 482.88	368 814.03
2 45 00	377 200.31	376 521.78	375 843.04	375 164.10	374 484.96
2 47 30	382 912.24	382 223.43	381 534.41	380 845.18	380 155.75
2 50 00	388 624.02	387 924.92	387 225.62	386 526.11	385 826.40
2 52 30	394 335.65	393 626.28	392 916.70	392 206.90	391 496.89
2 55 00	400 047.13	399 327.48	398 607.61	397 887.53	397 167.24
2 57 30	405 758.46	405 028.53	404 298.38	403 568.01	402 837.43
3 00 00	411 469.63	410 729.43	409 989.00	409 248.34	408 507.47

Second-difference correction to x' for indicated values of h and Δλ

Δλ \ h	0" 150"	15" 135"	30" 120"	45" 105"	60" 90"	75" 75"
0°	0	0	0	0	0	0
1°	0	+.01	+.01	+.01	+.01	+.01
2°	+.01	+.02	+.02	+.02	+.03	+.03
3°	+.01	+.02	+.03	+.04	+.04	+.04

Correction for k is negligible

ALASKA – ZONES 2 TO 9
STATE PLANE COORDINATES IN FEET – Y

Δλ \ φ	68 00 00	68 02 30	68 05 00	68 07 30	68 10 00
0 00 00	5117 588.62	5132 834.72	5148 080.89	5163 327.15	5178 573.48
0 02 30	5117 590.55	5132 836.65	5148 082.82	5163 329.07	5178 575.39
0 05 00	5117 596.33	5132 842.42	5148 088.58	5163 334.82	5178 581.14
0 07 30	5117 605.97	5132 852.04	5148 098.19	5163 344.41	5178 590.72
0 10 00	5117 619.46	5132 865.51	5148 111.64	5163 357.85	5178 604.13
0 12 30	5117 636.80	5132 882.83	5148 128.93	5163 375.11	5178 621.37
0 15 00	5117 658.01	5132 904.00	5148 150.07	5163 396.21	5178 642.44
0 17 30	5117 683.06	5132 929.02	5148 175.05	5163 421.16	5178 667.35
0 20 00	5117 711.97	5132 957.88	5148 203.87	5163 449.94	5178 696.08
0 22 30	5117 744.73	5132 990.60	5148 236.54	5163 482.55	5178 728.65
0 25 00	5117 781.35	5133 027.16	5148 273.04	5163 519.01	5178 765.05
0 27 30	5117 821.83	5133 067.57	5148 313.39	5163 559.30	5178 805.28
0 30 00	5117 866.15	5133 111.83	5148 357.59	5163 603.42	5178 849.33
0 32 30	5117 914.34	5133 159.94	5148 405.63	5163 651.39	5178 897.23
0 35 00	5117 966.37	5133 211.90	5148 457.51	5163 703.19	5178 948.95
0 37 30	5118 022.27	5133 267.71	5148 513.23	5163 758.83	5179 004.50
0 40 00	5118 082.01	5133 327.37	5148 572.80	5163 818.30	5179 063.89
0 42 30	5118 145.61	5133 390.87	5148 636.21	5163 881.62	5179 127.11
0 45 00	5118 213.07	5133 458.23	5148 703.46	5163 948.77	5179 194.16
0 47 30	5118 284.38	5133 529.43	5148 774.55	5164 019.75	5179 265.03
0 50 00	5118 359.54	5133 604.48	5148 849.49	5164 094.58	5179 339.74
0 52 30	5118 438.56	5133 683.38	5148 928.27	5164 173.24	5179 418.29
0 55 00	5118 521.44	5133 766.13	5149 010.90	5164 255.74	5179 500.66
0 57 30	5118 608.16	5133 852.73	5149 097.36	5164 342.08	5179 586.86
1 00 00	5118 698.75	5133 943.17	5149 187.67	5164 432.25	5179 676.90
1 02 30	5118 793.18	5134 037.46	5149 281.82	5164 526.26	5179 770.77
1 05 00	5118 891.47	5134 135.61	5149 379.82	5164 624.11	5179 868.47
1 07 30	5118 993.62	5134 237.60	5149 481.66	5164 725.79	5179 970.00
1 10 00	5119 099.62	5134 343.44	5149 587.34	5164 831.31	5180 075.35
1 12 30	5119 209.48	5134 453.13	5149 696.86	5164 940.67	5180 184.55
1 15 00	5119 323.19	5134 566.67	5149 810.23	5165 053.87	5180 297.57
1 17 30	5119 440.75	5134 684.06	5149 927.44	5165 170.90	5180 414.43
1 20 00	5119 562.17	5134 805.29	5150 048.49	5165 291.77	5180 535.11
1 22 30	5119 687.44	5134 930.38	5150 173.39	5165 416.47	5180 659.63
1 25 00	5119 816.57	5135 059.31	5150 302.12	5165 545.01	5180 787.97
1 27 30	5119 949.55	5135 192.09	5150 434.71	5165 677.39	5180 920.15
1 30 00	5120 086.38	5135 328.72	5150 571.13	5165 813.61	5181 056.17
1 32 30	5120 227.08	5135 469.20	5150 711.40	5165 953.67	5181 196.01
1 35 00	5120 371.62	5135 613.53	5150 855.50	5166 097.56	5181 339.68
1 37 30	5120 520.02	5135 761.70	5151 003.46	5166 245.28	5181 487.18
1 40 00	5120 672.27	5135 913.73	5151 155.25	5166 396.85	5181 638.52
1 42 30	5120 828.38	5136 069.60	5151 310.89	5166 552.25	5181 793.68
1 45 00	5120 988.34	5136 229.32	5151 470.37	5166 711.49	5181 952.68
1 47 30	5121 152.16	5136 392.89	5151 633.70	5166 874.56	5182 115.51
1 50 00	5121 319.83	5136 560.31	5151 800.86	5167 041.48	5182 282.17
1 52 30	5121 491.36	5136 731.58	5151 971.87	5167 212.23	5182 452.66
1 55 00	5121 666.74	5136 906.69	5152 146.72	5167 386.81	5182 626.98
1 57 30	5121 845.97	5137 085.66	5152 325.41	5167 565.24	5182 805.13
2 00 00	5122 029.06	5137 268.47	5152 507.95	5167 747.50	5182 987.11
2 02 30	5122 216.00	5137 455.13	5152 694.33	5167 933.59	5183 172.93
2 05 00	5122 406.80	5137 645.64	5152 884.55	5168 123.52	5183 362.57
2 07 30	5122 601.45	5137 840.00	5153 078.61	5168 317.30	5183 556.05
2 10 00	5122 799.95	5138 038.20	5153 276.52	5168 514.91	5183 753.35
2 12 30	5123 002.31	5138 240.26	5153 478.27	5168 716.35	5183 954.49
2 15 00	5123 208.53	5138 446.16	5153 683.86	5168 921.63	5184 159.46
2 17 30	5123 418.59	5138 655.91	5153 893.29	5169 130.74	5184 368.26
2 20 00	5123 632.51	5138 869.51	5154 106.57	5169 343.70	5184 580.89
2 22 30	5123 850.29	5139 086.96	5154 323.69	5169 560.49	5184 797.35
2 25 00	5124 071.92	5139 308.25	5154 544.65	5169 781.12	5185 017.64
2 27 30	5124 297.41	5139 533.40	5154 769.45	5170 005.58	5185 241.76
2 30 00	5124 526.75	5139 762.39	5154 998.10	5170 233.88	5185 469.71
2 32 30	5124 759.93	5139 995.23	5155 230.59	5170 466.01	5185 701.50
2 35 00	5124 996.98	5140 231.92	5155 466.92	5170 701.99	5185 937.11
2 37 30	5125 237.88	5140 472.46	5155 707.10	5170 941.80	5186 176.56
2 40 00	5125 482.64	5140 716.84	5155 951.11	5171 185.44	5186 419.83
2 42 30	5125 731.24	5140 965.08	5156 198.97	5171 432.93	5186 666.94
2 45 00	5125 983.70	5141 217.15	5156 450.67	5171 684.25	5186 917.87
2 47 30	5126 240.02	5141 473.08	5156 706.21	5171 939.40	5187 172.64
2 50 00	5126 500.19	5141 732.86	5156 965.60	5172 198.40	5187 431.24
2 52 30	5126 764.21	5141 996.49	5157 228.83	5172 461.22	5187 693.67
2 55 00	5127 032.09	5142 263.96	5157 495.90	5172 727.89	5187 959.93
2 57 30	5127 303.82	5142 535.29	5157 766.81	5172 998.39	5188 230.02
3 00 00	5127 579.41	5142 810.45	5158 041.56	5173 272.73	5188 503.94

Second-difference correction to y for indicated value of k (for all Δλ's)

k	0" 150"	5" 145"	10" 140"	15" 135"	20" 130"	25" 125"	30" 120"	35" 115"	40" 110"	45" 105"	50" 100"	55" 95"	60" 90"	65" 85"	70" 80"	75" 75"
Correction	-.01	-.07	-.13	-.18	-.23	-.28	-.32	-.35	-.38	-.41	-.44	-.46	-.47	-.48	-.49	-.49

Correction for h is negligible

ALASKA – ZONES 2 TO 9
STATE PLANE COORDINATES IN FEET – X'

Δλ \ φ	68 10 00	68 12 30	68 15 00	68 17 30	68 20 00
0 00 00	0.00	0.00	0.00	0.00	0.00
0 02 30	5 675.59	5 665.30	5 655.00	5 644.70	5 634.40
0 05 00	11 351.18	11 330.59	11 310.00	11 289.40	11 268.79
0 07 30	17 026.76	16 995.88	16 964.99	16 934.09	16 903.18
0 10 00	22 702.34	22 661.17	22 619.98	22 578.78	22 537.57
0 12 30	28 377.91	28 326.44	28 274.96	28 223.46	28 171.94
0 15 00	34 053.47	33 991.70	33 929.93	33 868.12	33 806.31
0 17 30	39 729.01	39 656.95	39 584.88	39 512.78	39 440.66
0 20 00	45 404.55	45 322.20	45 239.82	45 157.42	45 075.00
0 22 30	51 080.06	50 987.41	50 894.74	50 802.04	50 709.32
0 25 00	56 755.55	56 652.61	56 549.64	56 446.65	56 343.62
0 27 30	62 431.02	62 317.79	62 204.52	62 091.23	61 977.89
0 30 00	68 106.46	67 982.94	67 859.38	67 735.79	67 612.15
0 32 30	73 781.89	73 648.07	73 514.21	73 380.32	73 246.38
0 35 00	79 457.28	79 313.17	79 169.02	79 024.82	78 880.58
0 37 30	85 132.64	84 978.24	84 823.79	84 669.29	84 514.75
0 40 00	90 807.97	90 643.27	90 478.53	90 313.73	90 148.89
0 42 30	96 483.27	96 308.28	96 133.23	95 958.14	95 782.99
0 45 00	102 158.53	101 973.24	101 787.90	101 602.51	101 417.06
0 47 30	107 833.75	107 638.17	107 442.53	107 246.84	107 051.09
0 50 00	113 508.93	113 303.05	113 097.12	112 891.13	112 685.07
0 52 30	119 184.06	118 967.89	118 751.67	118 535.37	118 319.01
0 55 00	124 859.15	124 632.69	124 406.17	124 179.57	123 952.91
0 57 30	130 534.19	130 297.44	130 060.61	129 823.72	129 586.76
1 00 00	136 209.18	135 962.14	135 715.02	135 467.83	135 220.56
1 02 30	141 884.12	141 626.78	141 369.36	141 111.87	140 854.30
1 05 00	147 559.01	147 291.38	147 023.66	146 755.87	146 488.00
1 07 30	153 233.83	152 955.91	152 677.90	152 399.81	152 121.63
1 10 00	158 908.60	158 620.38	158 332.08	158 043.69	157 755.21
1 12 30	164 583.31	164 284.80	163 986.20	163 687.51	163 388.73
1 15 00	170 257.96	169 949.15	169 640.25	169 331.27	169 022.19
1 17 30	175 932.54	175 613.44	175 294.25	174 974.96	174 655.58
1 20 00	181 607.05	181 277.66	180 948.17	180 618.59	180 288.90
1 22 30	187 281.50	186 941.81	186 602.03	186 262.14	185 922.15
1 25 00	192 955.87	192 605.89	192 255.81	191 905.62	191 555.33
1 27 30	198 630.17	198 269.90	197 909.52	197 549.03	197 188.44
1 30 00	204 304.39	203 933.83	203 563.15	203 192.37	202 821.47
1 32 30	209 978.54	209 597.68	209 216.71	208 835.63	208 454.43
1 35 00	215 652.60	215 261.45	214 870.18	214 478.80	214 087.30
1 37 30	221 326.58	220 925.14	220 523.58	220 121.90	219 720.10
1 40 00	227 000.48	226 588.74	226 176.88	225 764.90	225 352.80
1 42 30	232 674.29	232 252.26	231 830.10	231 407.83	230 985.42
1 45 00	238 348.01	237 915.69	237 483.24	237 050.66	236 617.95
1 47 30	244 021.64	243 579.03	243 136.28	242 693.40	242 250.39
1 50 00	249 695.18	249 242.27	248 789.23	248 336.05	247 882.74
1 52 30	255 368.62	254 905.42	254 442.08	253 978.61	253 514.99
1 55 00	261 041.96	260 568.47	260 094.83	259 621.06	259 147.15
1 57 30	266 715.21	266 231.42	265 747.49	265 263.42	264 779.20
2 00 00	272 388.35	271 894.27	271 400.05	270 905.67	270 411.16
2 02 30	278 061.39	277 557.01	277 052.49	276 547.83	276 043.00
2 05 00	283 734.31	283 219.65	282 704.83	282 189.87	281 674.75
2 07 30	289 407.14	288 882.18	288 357.07	287 831.80	287 306.38
2 10 00	295 079.85	294 544.60	294 009.19	293 473.63	292 937.90
2 12 30	300 752.45	300 206.91	299 661.21	299 115.34	298 569.31
2 15 00	306 424.94	305 869.10	305 313.10	304 756.94	304 200.61
2 17 30	312 097.30	311 531.17	310 964.88	310 398.42	309 831.79
2 20 00	317 769.54	317 193.13	316 616.54	316 039.78	315 462.85
2 22 30	323 441.67	322 854.96	322 268.08	321 681.02	321 093.79
2 25 00	329 113.67	328 516.67	327 919.49	327 322.14	326 724.61
2 27 30	334 785.55	334 178.25	333 570.78	332 963.12	332 355.29
2 30 00	340 457.29	339 839.71	339 221.94	338 603.98	337 985.85
2 32 30	346 128.91	345 501.03	344 872.97	344 244.72	343 616.28
2 35 00	351 800.40	351 162.22	350 523.86	349 885.32	349 246.58
2 37 30	357 471.75	356 823.28	356 174.63	355 525.78	354 876.74
2 40 00	363 142.95	362 484.20	361 825.25	361 166.11	360 506.77
2 42 30	368 814.03	368 144.99	367 475.74	366 806.30	366 136.66
2 45 00	374 484.96	373 805.62	373 126.09	372 446.35	371 766.41
2 47 30	380 155.75	379 466.12	378 776.29	378 086.25	377 396.01
2 50 00	385 826.40	385 126.47	384 426.35	383 726.01	383 025.48
2 52 30	391 496.89	390 786.68	390 076.26	389 365.63	388 654.79
2 55 00	397 167.24	396 446.74	395 726.02	395 005.09	394 283.95
2 57 30	402 837.43	402 106.64	401 375.63	400 644.40	399 912.96
3 00 00	408 507.47	407 766.39	407 025.08	406 283.56	405 541.82

Second-difference correction to x' for indicated values of h and Δλ

Δλ \ h	0" 150"	15" 135"	30" 120"	45" 105"	60" 90"	75" 75"
0°	0	0	0	0	0	0
1°	0	+.01	+.01	+.01	+.01	+.01
2°	+.01	+.02	+.02	+.02	+.03	+.03
3°	+.01	+.02	+.03	+.04	+.04	+.04

Correction for k is negligible

ALASKA – ZONES 2 TO 9
STATE PLANE COORDINATES IN FEET – Y

Δλ \ φ	68 10 00	68 12 30	68 15 00	68 17 30	68 20 00
0 00 00	5178 573.48	5193 819.89	5209 066.38	5224 312.94	5239 559.59
0 02 30	5178 575.39	5193 821.80	5209 068.29	5224 314.85	5239 561.49
0 05 00	5178 581.14	5193 827.54	5209 074.01	5224 320.57	5239 567.20
0 07 30	5178 590.72	5193 837.10	5209 083.56	5224 330.11	5239 576.72
0 10 00	5178 604.13	5193 850.49	5209 096.93	5224 343.45	5239 590.05
0 12 30	5178 621.37	5193 867.71	5209 114.12	5224 360.62	5239 607.18
0 15 00	5178 642.44	5193 888.75	5209 135.13	5224 381.59	5239 628.13
0 17 30	5178 667.35	5193 913.61	5209 159.96	5224 406.38	5239 652.88
0 20 00	5178 696.08	5193 942.31	5209 188.61	5224 434.98	5239 681.44
0 22 30	5178 728.65	5193 974.82	5209 221.07	5224 467.40	5239 713.81
0 25 00	5178 765.05	5194 011.16	5209 257.36	5224 503.64	5239 749.98
0 27 30	5178 805.28	5194 051.33	5209 297.46	5224 543.68	5239 789.97
0 30 00	5178 849.33	5194 095.32	5209 341.39	5224 587.54	5239 833.76
0 32 30	5178 897.23	5194 143.14	5209 389.14	5224 635.21	5239 881.36
0 35 00	5178 948.95	5194 194.79	5209 440.70	5224 686.70	5239 932.76
0 37 30	5179 004.50	5194 250.26	5209 496.09	5224 742.00	5239 987.98
0 40 00	5179 063.89	5194 309.55	5209 555.29	5224 801.11	5240 047.00
0 42 30	5179 127.11	5194 372.68	5209 618.32	5224 864.04	5240 109.83
0 45 00	5179 194.16	5194 439.62	5209 685.16	5224 930.78	5240 176.47
0 47 30	5179 265.03	5194 510.39	5209 755.82	5225 001.33	5240 246.92
0 50 00	5179 339.74	5194 584.99	5209 830.30	5225 075.70	5240 321.17
0 52 30	5179 418.29	5194 663.41	5209 908.61	5225 153.89	5240 399.24
0 55 00	5179 500.66	5194 745.66	5209 990.73	5225 235.88	5240 481.11
0 57 30	5179 586.86	5194 831.73	5210 076.68	5225 321.69	5240 566.79
1 00 00	5179 676.90	5194 921.63	5210 166.44	5225 411.31	5240 656.27
1 02 30	5179 770.77	5195 015.35	5210 260.02	5225 504.76	5240 749.56
1 05 00	5179 868.47	5195 112.90	5210 357.42	5225 602.01	5240 846.67
1 07 30	5179 970.00	5195 214.28	5210 458.64	5225 703.07	5240 947.58
1 10 00	5180 075.35	5195 319.48	5210 563.68	5225 807.95	5241 052.29
1 12 30	5180 184.55	5195 428.51	5210 672.53	5225 916.64	5241 160.82
1 15 00	5180 297.57	5195 541.35	5210 785.21	5226 029.15	5241 273.15
1 17 30	5180 414.43	5195 658.03	5210 901.71	5226 145.47	5241 389.29
1 20 00	5180 535.11	5195 778.53	5211 022.03	5226 265.60	5241 509.24
1 22 30	5180 659.63	5195 902.86	5211 146.17	5226 389.55	5241 633.00
1 25 00	5180 787.97	5196 031.01	5211 274.12	5226 517.31	5241 760.57
1 27 30	5180 920.15	5196 162.99	5211 405.90	5226 648.88	5241 891.94
1 30 00	5181 056.17	5196 298.80	5211 541.49	5226 784.27	5242 027.11
1 32 30	5181 196.01	5196 438.42	5211 680.91	5226 923.47	5242 166.10
1 35 00	5181 339.68	5196 581.88	5211 824.15	5227 066.48	5242 308.90
1 37 30	5181 487.18	5196 729.16	5211 971.20	5227 213.31	5242 455.50
1 40 00	5181 638.52	5196 880.26	5212 122.07	5227 363.95	5242 605.91
1 42 30	5181 793.68	5197 035.19	5212 276.76	5227 518.41	5242 760.13
1 45 00	5181 952.68	5197 193.94	5212 435.28	5227 676.68	5242 918.16
1 47 30	5182 115.51	5197 356.52	5212 597.61	5227 838.76	5243 079.99
1 50 00	5182 282.17	5197 522.92	5212 763.76	5228 004.66	5243 245.63
1 52 30	5182 452.66	5197 693.16	5212 933.73	5228 174.37	5243 415.08
1 55 00	5182 626.98	5197 867.21	5213 107.52	5228 347.89	5243 588.33
1 57 30	5182 805.13	5198 045.10	5213 285.12	5228 525.23	5243 765.40
2 00 00	5182 987.11	5198 226.80	5213 466.55	5228 706.38	5243 946.27
2 02 30	5183 172.93	5198 412.33	5213 651.80	5228 891.34	5244 130.95
2 05 00	5183 362.57	5198 601.68	5213 840.87	5229 080.12	5244 319.44
2 07 30	5183 556.05	5198 794.86	5214 033.75	5229 272.71	5244 511.73
2 10 00	5183 753.35	5198 991.87	5214 230.46	5229 469.11	5244 707.83
2 12 30	5183 954.49	5199 192.70	5214 430.98	5229 669.33	5244 907.74
2 15 00	5184 159.46	5199 397.36	5214 635.32	5229 873.36	5245 111.45
2 17 30	5184 368.26	5199 605.84	5214 843.49	5230 081.20	5245 318.98
2 20 00	5184 580.89	5199 818.15	5215 055.47	5230 292.86	5245 530.31
2 22 30	5184 797.35	5200 034.28	5215 271.27	5230 508.33	5245 745.45
2 25 00	5185 017.64	5200 254.23	5215 490.89	5230 727.61	5245 964.40
2 27 30	5185 241.76	5200 478.01	5215 714.32	5230 950.71	5246 187.15
2 30 00	5185 469.71	5200 705.62	5215 941.59	5231 177.61	5246 413.71
2 32 30	5185 701.50	5200 937.05	5216 172.66	5231 408.34	5246 644.08
2 35 00	5185 937.11	5201 172.30	5216 407.55	5231 642.88	5246 878.25
2 37 30	5186 176.56	5201 411.39	5216 646.27	5231 881.22	5247 116.23
2 40 00	5186 419.83	5201 654.29	5216 888.80	5232 123.39	5247 358.03
2 42 30	5186 666.94	5201 901.02	5217 135.16	5232 369.36	5247 603.62
2 45 00	5186 917.87	5202 151.57	5217 385.33	5232 619.15	5247 853.03
2 47 30	5187 172.64	5202 405.95	5217 639.32	5232 872.75	5248 106.24
2 50 00	5187 431.24	5202 664.16	5217 897.13	5233 130.16	5248 363.25
2 52 30	5187 693.67	5202 926.19	5218 158.76	5233 391.39	5248 624.08
2 55 00	5187 959.93	5203 192.04	5218 424.20	5233 656.43	5248 888.71
2 57 30	5188 230.02	5203 461.72	5218 693.47	5233 925.28	5249 157.15
3 00 00	5188 503.94	5203 735.23	5218 966.55	5234 197.95	5249 429.40

Second-difference correction to y for indicated value of k (for all Δλ's)

k	0" 150"	5" 145"	10" 140"	15" 135"	20" 130"	25" 125"	30" 120"	35" 115"	40" 110"	45" 105"	50" 100"	55" 95"	60" 90"	65" 85"	70" 80"	75" 75"
Correction	-.01	-.07	-.13	-.18	-.23	-.28	-.32	-.35	-.38	-.41	-.44	-.46	-.47	-.48	-.49	-.49

Correction for h is negligible

ALASKA – ZONES 2 TO 9
STATE PLANE COORDINATES IN FEET – X'

Δλ \ φ	68 20 00	68 22 30	68 25 00	68 27 30	68 30 00
0 00 00	0.00	0.00	0.00	0.00	0.00
0 02 30	5 634.40	5 624.09	5 613.78	5 603.47	5 593.16
0 05 00	11 268.79	11 248.18	11 227.56	11 206.94	11 186.31
0 07 30	16 903.18	16 872.27	16 841.34	16 810.40	16 779.46
0 10 00	22 537.57	22 496.35	22 455.11	22 413.86	22 372.60
0 12 30	28 171.94	28 120.42	28 068.87	28 017.31	27 965.74
0 15 00	33 806.31	33 744.47	33 682.62	33 620.75	33 558.86
0 17 30	39 440.66	39 368.52	39 296.36	39 224.17	39 151.97
0 20 00	45 075.00	44 992.55	44 910.08	44 827.59	44 745.07
0 22 30	50 709.32	50 616.57	50 523.79	50 430.98	50 338.15
0 25 00	56 343.62	56 240.56	56 137.47	56 034.35	55 931.20
0 27 30	61 977.89	61 864.54	61 751.14	61 637.70	61 524.24
0 30 00	67 612.15	67 488.48	67 364.78	67 241.03	67 117.25
0 32 30	73 246.38	73 112.40	72 978.39	72 844.33	72 710.24
0 35 00	78 880.58	78 736.30	78 591.98	78 447.61	78 303.20
0 37 30	84 514.75	84 360.17	84 205.53	84 050.85	83 896.13
0 40 00	90 148.89	89 983.99	89 819.06	89 654.07	89 489.03
0 42 30	95 782.99	95 607.79	95 432.54	95 257.24	95 081.89
0 45 00	101 417.06	101 231.55	101 046.00	100 860.38	100 674.71
0 47 30	107 051.09	106 855.27	106 659.41	106 463.48	106 267.50
0 50 00	112 685.07	112 478.95	112 272.78	112 066.54	111 860.25
0 52 30	118 319.01	118 102.59	117 886.10	117 669.56	117 452.95
0 55 00	123 952.91	123 726.18	123 499.39	123 272.53	123 045.60
0 57 30	129 586.76	129 349.72	129 112.63	128 875.45	128 638.21
1 00 00	135 220.56	134 973.22	134 725.81	134 478.32	134 230.77
1 02 30	140 854.30	140 596.66	140 338.95	140 081.15	139 823.28
1 05 00	146 488.00	146 220.05	145 952.02	145 683.91	145 415.73
1 07 30	152 121.63	151 843.38	151 565.04	151 286.63	151 008.13
1 10 00	157 755.21	157 466.66	157 178.01	156 889.28	156 600.47
1 12 30	163 388.73	163 089.86	162 790.91	162 491.87	162 192.75
1 15 00	169 022.19	168 713.02	168 403.75	168 094.40	167 784.96
1 17 30	174 655.58	174 336.10	174 016.53	173 696.87	173 377.11
1 20 00	180 288.90	179 959.12	179 629.24	179 299.26	178 969.20
1 22 30	185 922.15	185 582.07	185 241.88	184 901.59	184 561.21
1 25 00	191 555.33	191 204.94	190 854.45	190 503.85	190 153.15
1 27 30	197 188.44	196 827.75	196 466.94	196 106.03	195 745.02
1 30 00	202 821.47	202 450.47	202 079.36	201 708.14	201 336.82
1 32 30	208 454.43	208 073.12	207 691.70	207 310.17	206 928.53
1 35 00	214 087.30	213 695.69	213 303.96	212 912.12	212 520.17
1 37 30	219 720.10	219 318.18	218 916.14	218 513.99	218 111.72
1 40 00	225 352.80	224 940.58	224 528.23	224 115.77	223 703.18
1 42 30	230 985.42	230 562.90	230 140.24	229 717.46	229 294.57
1 45 00	236 617.95	236 185.12	235 752.16	235 319.07	234 885.86
1 47 30	242 250.39	241 807.26	241 363.99	240 920.59	240 477.06
1 50 00	247 882.74	247 429.30	246 975.72	246 522.01	246 068.17
1 52 30	253 514.99	253 051.25	252 587.36	252 123.34	251 659.19
1 55 00	259 147.15	258 673.09	258 198.90	257 724.57	257 250.11
1 57 30	264 779.20	264 294.85	263 810.35	263 325.70	262 840.92
2 00 00	270 411.16	269 916.49	269 421.69	268 926.74	268 431.64
2 02 30	276 043.00	275 538.04	275 032.92	274 527.66	274 022.25
2 05 00	281 674.75	281 159.47	280 644.05	280 128.48	279 612.75
2 07 30	287 306.38	286 780.80	286 255.07	285 729.19	285 203.16
2 10 00	292 937.90	292 402.02	291 865.98	291 329.79	290 793.44
2 12 30	298 569.31	298 023.13	297 476.78	296 930.28	296 383.62
2 15 00	304 200.61	303 644.12	303 087.47	302 530.65	301 973.68
2 17 30	309 831.79	309 264.99	308 698.03	308 130.91	307 563.62
2 20 00	315 462.85	314 885.75	314 308.49	313 731.05	313 153.45
2 22 30	321 093.79	320 506.39	319 918.81	319 331.06	318 743.15
2 25 00	326 724.61	326 126.90	325 529.01	324 930.96	324 332.73
2 27 30	332 355.29	331 747.28	331 139.09	330 530.72	329 922.18
2 30 00	337 985.85	337 367.54	336 749.04	336 130.36	335 511.51
2 32 30	343 616.28	342 987.67	342 358.86	341 729.87	341 100.71
2 35 00	349 246.58	348 607.66	347 968.55	347 329.25	346 689.77
2 37 30	354 876.74	354 227.52	353 578.10	352 928.49	352 278.70
2 40 00	360 506.77	359 847.25	359 187.52	358 527.60	357 867.50
2 42 30	366 136.66	365 466.83	364 796.79	364 126.57	363 456.15
2 45 00	371 766.41	371 086.27	370 405.94	369 725.40	369 044.67
2 47 30	377 396.01	376 705.58	376 014.93	375 324.08	374 633.04
2 50 00	383 025.48	382 324.73	381 623.78	380 922.62	380 221.27
2 52 30	388 654.79	387 943.74	387 232.48	386 521.01	385 809.35
2 55 00	394 283.95	393 562.60	392 841.03	392 119.26	391 397.28
2 57 30	399 912.96	399 181.30	398 449.44	397 717.35	396 985.06
3 00 00	405 541.82	404 799.86	404 057.68	403 315.29	402 572.68

Second-difference correction to x' for indicated values of h and Δλ

Δλ \ h	0" 150"	15" 135"	30" 120"	45" 105"	60" 90"	75" 75"
0°	0	0	0	0	0	0
1°	0	+.01	+.01	+.01	+.01	+.01
2°	+.01	+.02	+.02	+.02	+.03	+.03
3°	+.01	+.02	+.03	+.04	+.04	+.04

Correction for k is negligible

ALASKA – ZONES 2 TO 9
STATE PLANE COORDINATES IN FEET – Y

Δλ \ φ	68 20 00	68 22 30	68 25 00	68 27 30	68 30 00
0 00 00	5239 559.59	5254 806.30	5270 053.10	5285 299.98	5300 546.93
0 02 30	5239 561.49	5254 808.20	5270 055.00	5285 301.88	5300 548.83
0 05 00	5239 567.20	5254 813.91	5270 060.69	5285 307.57	5300 554.50
0 07 30	5239 576.72	5254 823.41	5270 070.18	5285 317.04	5300 563.97
0 10 00	5239 590.05	5254 836.72	5270 083.47	5285 330.30	5300 577.21
0 12 30	5239 607.18	5254 853.83	5270 100.56	5285 347.36	5300 594.24
0 15 00	5239 628.13	5254 874.74	5270 121.43	5285 368.21	5300 615.05
0 17 30	5239 652.88	5254 899.46	5270 146.11	5285 392.85	5300 639.65
0 20 00	5239 681.44	5254 927.97	5270 174.58	5285 421.27	5300 668.04
0 22 30	5239 713.81	5254 960.29	5270 206.85	5285 453.49	5300 700.21
0 25 00	5239 749.98	5254 996.41	5270 242.91	5285 489.50	5300 736.16
0 27 30	5239 789.97	5255 036.33	5270 282.77	5285 529.30	5300 775.89
0 30 00	5239 833.76	5255 080.05	5270 326.43	5285 572.89	5300 819.41
0 32 30	5239 881.36	5255 127.58	5270 373.88	5285 620.26	5300 866.72
0 35 00	5239 932.76	5255 178.91	5270 425.13	5285 671.44	5300 917.81
0 37 30	5239 987.98	5255 234.04	5270 480.17	5285 726.40	5300 972.68
0 40 00	5240 047.00	5255 292.97	5270 539.02	5285 785.15	5301 031.34
0 42 30	5240 109.83	5255 355.71	5270 601.65	5285 847.69	5301 093.78
0 45 00	5240 176.47	5255 422.24	5270 668.09	5285 914.01	5301 160.01
0 47 30	5240 246.92	5255 492.58	5270 738.31	5285 984.14	5301 230.02
0 50 00	5240 321.17	5255 566.72	5270 812.34	5286 058.05	5301 303.82
0 52 30	5240 399.24	5255 644.66	5270 890.16	5286 135.75	5301 381.40
0 55 00	5240 481.11	5255 726.41	5270 971.78	5286 217.24	5301 462.77
0 57 30	5240 566.79	5255 811.95	5271 057.20	5286 302.52	5301 547.91
1 00 00	5240 656.27	5255 901.30	5271 146.40	5286 391.59	5301 636.84
1 02 30	5240 749.56	5255 994.45	5271 239.41	5286 484.45	5301 729.56
1 05 00	5240 846.67	5256 091.40	5271 336.21	5286 581.11	5301 826.07
1 07 30	5240 947.58	5256 192.15	5271 436.81	5286 681.55	5301 926.35
1 10 00	5241 052.29	5256 296.71	5271 541.21	5286 785.78	5302 030.42
1 12 30	5241 160.82	5256 405.07	5271 649.40	5286 893.81	5302 138.28
1 15 00	5241 273.15	5256 517.23	5271 761.38	5287 005.62	5302 249.92
1 17 30	5241 389.29	5256 633.19	5271 877.17	5287 121.22	5302 365.34
1 20 00	5241 509.24	5256 752.96	5271 996.75	5287 240.62	5302 484.55
1 22 30	5241 633.00	5256 876.52	5272 120.12	5287 363.80	5302 607.54
1 25 00	5241 760.57	5257 003.89	5272 247.29	5287 490.77	5302 734.32
1 27 30	5241 891.94	5257 135.06	5272 378.26	5287 621.54	5302 864.88
1 30 00	5242 027.11	5257 270.03	5272 513.02	5287 756.09	5302 999.22
1 32 30	5242 166.10	5257 408.80	5272 651.58	5287 894.43	5303 137.35
1 35 00	5242 308.90	5257 551.38	5272 793.93	5288 036.57	5303 279.26
1 37 30	5242 455.50	5257 697.76	5272 940.08	5288 182.49	5303 424.96
1 40 00	5242 605.91	5257 847.94	5273 090.03	5288 332.20	5303 574.44
1 42 30	5242 760.13	5258 001.91	5273 243.77	5288 485.71	5303 727.71
1 45 00	5242 918.16	5258 159.70	5273 401.31	5288 643.00	5303 884.76
1 47 30	5243 079.99	5258 321.28	5273 562.64	5288 804.08	5304 045.59
1 50 00	5243 245.63	5258 486.66	5273 727.77	5288 968.96	5304 210.21
1 52 30	5243 415.08	5258 655.85	5273 896.70	5289 137.62	5304 378.61
1 55 00	5243 588.33	5258 828.84	5274 069.42	5289 310.08	5304 550.79
1 57 30	5243 765.40	5259 005.63	5274 245.94	5289 486.32	5304 726.77
2 00 00	5243 946.27	5259 186.23	5274 426.26	5289 666.36	5304 906.52
2 02 30	5244 130.95	5259 370.62	5274 610.36	5289 850.18	5305 090.06
2 05 00	5244 319.44	5259 558.82	5274 798.27	5290 037.80	5305 277.38
2 07 30	5244 511.73	5259 750.81	5274 989.97	5290 229.20	5305 468.48
2 10 00	5244 707.83	5259 946.61	5275 185.46	5290 424.39	5305 663.37
2 12 30	5244 907.74	5260 146.21	5275 384.75	5290 623.37	5305 862.05
2 15 00	5245 111.45	5260 349.61	5275 587.84	5290 826.15	5306 064.50
2 17 30	5245 318.98	5260 556.82	5275 794.72	5291 032.71	5306 270.75
2 20 00	5245 530.31	5260 767.82	5276 005.41	5291 243.06	5306 480.77
2 22 30	5245 745.45	5260 982.63	5276 219.88	5291 457.20	5306 694.58
2 25 00	5245 964.40	5261 201.24	5276 438.15	5291 675.13	5306 912.17
2 27 30	5246 187.15	5261 423.65	5276 660.21	5291 896.85	5307 133.55
2 30 00	5246 413.71	5261 649.86	5276 886.08	5292 122.36	5307 358.71
2 32 30	5246 644.08	5261 879.87	5277 115.73	5292 351.67	5307 587.65
2 35 00	5246 878.25	5262 113.68	5277 349.19	5292 584.76	5307 820.38
2 37 30	5247 116.23	5262 351.30	5277 586.44	5292 821.63	5308 056.89
2 40 00	5247 358.03	5262 592.72	5277 827.48	5293 062.30	5308 297.19
2 42 30	5247 603.62	5262 837.94	5278 072.32	5293 306.77	5308 541.27
2 45 00	5247 853.03	5263 086.96	5278 320.95	5293 555.01	5308 789.13
2 47 30	5248 106.24	5263 339.77	5278 573.38	5293 807.05	5309 040.77
2 50 00	5248 363.25	5263 596.40	5278 829.61	5294 062.88	5309 296.20
2 52 30	5248 624.08	5263 656.82	5279 089.62	5294 322.49	5309 555.42
2 55 00	5248 888.71	5264 121.05	5279 353.44	5294 585.90	5309 818.41
2 57 30	5249 157.15	5264 389.07	5279 621.05	5294 853.10	5310 085.19
3 00 00	5249 429.40	5264 660.89	5279 892.46	5295 124.08	5310 355.76

Second-difference correction to y for indicated value of k (for all Δλ's)

k	0" 150"	5" 145"	10" 140"	15" 135"	20" 130"	25" 125"	30" 120"	35" 115"	40" 110"	45" 105"	50" 100"	55" 95"	60" 90"	65" 85"	70" 80"	75" 75"
Correction	-.01	-.07	-.13	-.18	-.23	-.28	-.32	-.35	-.38	-.41	-.44	-.46	-.47	-.48	-.49	-.49

Correction for h is negligible

ALASKA – ZONES 2 TO 9
STATE PLANE COORDINATES IN FEET – X'

Δλ \ φ	68 30 00	68 32 30	68 35 00	68 37 30	68 40 00
0 00 00	0.00	0.00	0.00	0.00	0.00
0 02 30	5 593.16	5 582.84	5 572.52	5 562.19	5 551.87
0 05 00	11 186.31	11 165.67	11 145.03	11 124.38	11 103.73
0 07 30	16 779.46	16 748.51	16 717.54	16 686.57	16 655.59
0 10 00	22 372.60	22 331.33	22 290.05	22 248.75	22 207.45
0 12 30	27 965.74	27 914.15	27 862.54	27 810.92	27 759.29
0 15 00	33 558.86	33 496.95	33 435.03	33 373.08	33 311.12
0 17 30	39 151.97	39 079.74	39 007.50	38 935.23	38 862.94
0 20 00	44 745.07	44 662.53	44 579.96	44 497.37	44 414.75
0 22 30	50 338.15	50 245.28	50 152.40	50 059.48	49 966.54
0 25 00	55 931.20	55 828.02	55 724.82	55 621.58	55 518.31
0 27 30	61 524.24	61 410.75	61 297.22	61 183.65	61 070.06
0 30 00	67 117.25	66 993.44	66 869.59	66 745.70	66 621.78
0 32 30	72 710.24	72 576.11	72 441.94	72 307.73	72 173.48
0 35 00	78 303.20	78 158.75	78 014.26	77 869.73	77 725.15
0 37 30	83 896.13	83 741.36	83 586.55	83 431.69	83 276.79
0 40 00	89 489.03	89 323.94	89 158.80	88 993.63	88 828.40
0 42 30	95 081.89	94 906.48	94 731.03	94 555.53	94 379.97
0 45 00	100 674.71	100 489.00	100 303.22	100 117.39	99 931.50
0 47 30	106 267.50	106 071.46	105 875.37	105 679.21	105 483.00
0 50 00	111 860.25	111 653.89	111 447.47	111 240.99	111 034.46
0 52 30	117 452.95	117 236.27	117 019.53	116 802.74	116 585.87
0 55 00	123 045.60	122 818.61	122 591.55	122 364.43	122 137.24
0 57 30	128 638.21	128 400.90	128 163.52	127 926.08	127 688.56
1 00 00	134 230.77	133 983.15	133 735.45	133 487.67	133 239.83
1 02 30	139 823.28	139 565.33	139 307.31	139 049.22	138 791.05
1 05 00	145 415.73	145 147.47	144 879.13	144 610.71	144 342.21
1 07 30	151 008.13	150 729.55	150 450.89	150 172.15	149 893.33
1 10 00	156 600.47	156 311.57	156 022.59	155 733.52	155 444.37
1 12 30	162 192.75	161 893.53	161 594.23	161 294.84	160 995.37
1 15 00	167 784.96	167 475.43	167 165.80	166 856.09	166 546.29
1 17 30	173 377.11	173 057.26	172 737.32	172 417.28	172 097.15
1 20 00	178 969.20	178 639.03	178 308.76	177 978.40	177 647.95
1 22 30	184 561.21	184 220.72	183 880.14	183 539.46	183 198.68
1 25 00	190 153.15	189 802.35	189 451.45	189 100.44	188 749.33
1 27 30	195 745.02	195 383.90	195 022.68	194 661.35	194 299.92
1 30 00	201 336.82	200 965.38	200 593.83	200 222.18	199 850.42
1 32 30	206 928.53	206 546.78	206 164.91	205 782.94	205 400.85
1 35 00	212 520.17	212 128.10	211 735.91	211 343.61	210 951.20
1 37 30	218 111.72	217 709.33	217 306.83	216 904.21	216 501.47
1 40 00	223 703.18	223 290.48	222 877.65	222 464.71	222 051.65
1 42 30	229 294.57	228 871.55	228 448.40	228 025.13	227 601.74
1 45 00	234 885.86	234 452.52	234 019.06	233 585.47	233 151.75
1 47 30	240 477.06	240 033.41	239 589.62	239 145.71	238 701.67
1 50 00	246 068.17	245 614.20	245 160.09	244 705.86	244 251.49
1 52 30	251 659.19	251 194.90	250 730.47	250 265.92	249 801.22
1 55 00	257 250.11	256 775.50	256 300.76	255 825.87	255 350.85
1 57 30	262 840.92	262 356.00	261 870.93	261 385.73	260 900.39
2 00 00	268 431.64	267 936.40	267 441.01	266 945.49	266 449.82
2 02 30	274 022.25	273 516.70	273 010.99	272 505.14	271 999.15
2 05 00	279 612.75	279 096.88	278 580.86	278 064.69	277 548.37
2 07 30	285 203.16	284 676.97	284 150.62	283 624.13	283 097.48
2 10 00	290 793.44	290 256.94	289 720.27	289 183.46	288 646.49
2 12 30	296 383.62	295 836.80	295 289.81	294 742.67	294 195.38
2 15 00	301 973.68	301 416.54	300 859.24	300 301.77	299 744.15
2 17 30	307 563.62	306 996.17	306 428.55	305 860.76	305 292.81
2 20 00	313 153.45	312 575.67	311 997.73	311 419.63	310 841.35
2 22 30	318 743.15	318 155.06	317 566.80	316 978.38	316 389.78
2 25 00	324 332.73	323 734.33	323 135.75	322 537.00	321 938.07
2 27 30	329 922.18	329 313.47	328 704.57	328 095.50	327 486.25
2 30 00	335 511.51	334 892.47	334 273.26	333 653.86	333 034.29
2 32 30	341 100.71	340 471.36	339 841.82	339 212.11	338 582.21
2 35 00	346 689.77	346 050.11	345 410.25	344 770.22	344 129.99
2 37 30	352 278.70	351 628.72	350 978.55	350 328.19	349 677.64
2 40 00	357 867.50	357 207.20	356 546.71	355 886.03	355 225.16
2 42 30	363 456.15	362 785.54	362 114.73	361 443.73	360 772.53
2 45 00	369 044.67	368 363.74	367 682.61	367 001.28	366 319.76
2 47 30	374 633.04	373 941.79	373 250.35	372 558.70	371 866.85
2 50 00	380 221.27	379 519.71	378 817.94	378 115.97	377 413.80
2 52 30	385 809.35	385 097.47	384 385.38	383 673.10	382 960.61
2 55 00	391 397.28	390 675.09	389 952.68	389 230.07	388 507.26
2 57 30	396 985.06	396 252.55	395 519.83	394 786.90	394 053.76
3 00 00	402 572.68	401 829.86	401 086.82	400 343.57	399 600.11

Second-difference correction to x' for indicated values of h and Δλ

Δλ \ h	0" 150"	15" 135"	30" 120"	45" 105"	60" 90"	75" 75"
0°	0	0	0	0	0	0
1°	0	+.01	+.01	+.01	+.01	+.01
2°	+.01	+.02	+.02	+.02	+.03	+.03
3°	+.01	+.02	+.03	+.04	+.04	+.04

Correction for k is negligible

ALASKA – ZONES 2 TO 9
STATE PLANE COORDINATES IN FEET – Y

Δλ \ φ	68 30 00	68 32 30	68 35 00	68 37 30	68 40 00
0 00 00	5300 546.93	5315 793.96	5331 041.07	5346 288.26	5361 535.52
0 02 30	5300 548.83	5315 795.85	5331 042.96	5346 290.14	5361 537.40
0 05 00	5300 554.50	5315 801.52	5331 048.62	5346 295.79	5361 543.04
0 07 30	5300 563.97	5315 810.97	5331 058.05	5346 305.21	5361 552.44
0 10 00	5300 577.21	5315 824.19	5331 071.25	5346 318.39	5361 565.61
0 12 30	5300 594.24	5315 841.20	5331 088.23	5346 335.34	5361 582.53
0 15 00	5300 615.05	5315 861.98	5331 108.98	5346 356.06	5361 603.21
0 17 30	5300 639.65	5315 886.54	5331 133.50	5346 380.54	5361 627.66
0 20 00	5300 668.04	5315 914.88	5331 161.79	5346 408.79	5361 655.86
0 22 30	5300 700.21	5315 947.00	5331 193.86	5346 440.81	5361 687.83
0 25 00	5300 736.16	5315 982.89	5331 229.70	5346 476.60	5361 723.56
0 27 30	5300 775.89	5316 022.57	5331 269.31	5346 516.15	5361 763.05
0 30 00	5300 819.41	5316 066.02	5331 312.70	5346 559.46	5361 806.30
0 32 30	5300 866.72	5316 113.25	5331 359.86	5346 606.55	5361 853.30
0 35 00	5300 917.81	5316 164.26	5331 410.79	5346 657.40	5361 904.08
0 37 30	5300 972.68	5316 219.05	5331 465.49	5346 712.02	5361 958.61
0 40 00	5301 031.34	5316 277.62	5331 523.97	5346 770.40	5362 016.90
0 42 30	5301 093.78	5316 339.96	5331 586.21	5346 832.55	5362 078.95
0 45 00	5301 160.01	5316 406.08	5331 652.23	5346 898.46	5362 144.76
0 47 30	5301 230.02	5316 475.99	5331 722.03	5346 968.15	5362 214.34
0 50 00	5301 303.82	5316 549.67	5331 795.59	5347 041.60	5362 287.67
0 52 30	5301 381.40	5316 627.13	5331 872.93	5347 118.82	5362 364.77
0 55 00	5301 462.77	5316 708.37	5331 954.04	5347 199.80	5362 445.63
0 57 30	5301 547.91	5316 793.38	5332 038.93	5347 284.55	5362 530.25
1 00 00	5301 636.84	5316 882.17	5332 127.58	5347 373.06	5362 618.62
1 02 30	5301 729.56	5316 974.75	5332 220.01	5347 465.35	5362 710.76
1 05 00	5301 826.07	5317 071.10	5332 316.21	5347 561.40	5362 806.66
1 07 30	5301 926.35	5317 171.23	5332 416.18	5347 661.22	5362 906.32
1 10 00	5302 030.42	5317 275.14	5332 519.93	5347 764.80	5363 009.74
1 12 30	5302 138.28	5317 382.83	5332 627.44	5347 872.15	5363 116.92
1 15 00	5302 249.92	5317 494.29	5332 738.74	5347 983.27	5363 227.86
1 17 30	5302 365.34	5317 609.53	5332 853.80	5348 098.15	5363 342.56
1 20 00	5302 484.55	5317 728.56	5332 972.64	5348 216.80	5363 461.02
1 22 30	5302 607.54	5317 851.36	5333 095.25	5348 339.21	5363 583.25
1 25 00	5302 734.32	5317 977.93	5333 221.62	5348 465.40	5363 709.23
1 27 30	5302 864.88	5318 108.29	5333 351.78	5348 595.34	5363 838.97
1 30 00	5302 999.22	5318 242.43	5333 485.70	5348 729.06	5363 972.48
1 32 30	5303 137.35	5318 380.34	5333 623.40	5348 866.54	5364 109.74
1 35 00	5303 279.26	5318 522.03	5333 764.87	5349 007.79	5364 250.77
1 37 30	5303 424.96	5318 667.50	5333 910.11	5349 152.81	5364 395.56
1 40 00	5303 574.44	5318 816.75	5334 059.13	5349 301.58	5364 544.11
1 42 30	5303 727.71	5318 969.77	5334 211.92	5349 454.13	5364 696.41
1 45 00	5303 884.76	5319 126.58	5334 368.47	5349 610.45	5364 852.48
1 47 30	5304 045.59	5319 287.16	5334 528.81	5349 770.53	5365 012.31
1 50 00	5304 210.21	5319 451.52	5334 692.91	5349 934.37	5365 175.90
1 52 30	5304 378.61	5319 619.67	5334 860.78	5350 101.99	5365 343.25
1 55 00	5304 550.79	5319 791.58	5335 032.43	5350 273.36	5365 514.35
1 57 30	5304 726.77	5319 967.28	5335 207.85	5350 448.51	5365 689.23
2 00 00	5304 906.52	5320 146.75	5335 387.05	5350 627.42	5365 867.86
2 02 30	5305 090.06	5320 330.00	5335 570.01	5350 810.10	5366 050.25
2 05 00	5305 277.38	5320 517.03	5335 756.75	5350 996.54	5366 236.40
2 07 30	5305 468.48	5320 707.84	5335 947.26	5351 186.75	5366 426.30
2 10 00	5305 663.37	5320 902.43	5336 141.54	5351 380.73	5366 619.97
2 12 30	5305 862.05	5321 100.79	5336 339.59	5351 578.47	5366 817.41
2 15 00	5306 064.50	5321 302.93	5336 541.42	5351 779.98	5367 018.60
2 17 30	5306 270.75	5321 508.85	5336 747.01	5351 985.25	5367 223.55
2 20 00	5306 480.77	5321 718.55	5336 956.38	5352 194.30	5367 432.26
2 22 30	5306 694.58	5321 932.02	5337 169.53	5352 407.10	5367 644.73
2 25 00	5306 912.17	5322 149.27	5337 386.44	5352 623.67	5367 860.97
2 27 30	5307 133.55	5322 370.31	5337 607.12	5352 844.01	5368 080.96
2 30 00	5307 358.71	5322 595.12	5337 831.58	5353 068.12	5368 304.71
2 32 30	5307 587.65	5322 823.70	5338 059.81	5353 295.99	5368 532.23
2 35 00	5307 820.38	5323 056.07	5338 291.81	5353 527.63	5368 763.50
2 37 30	5308 056.89	5323 292.21	5338 527.58	5353 763.03	5368 998.53
2 40 00	5308 297.19	5323 532.13	5338 767.13	5354 002.20	5369 237.32
2 42 30	5308 541.27	5323 775.82	5339 010.45	5354 245.13	5369 479.88
2 45 00	5308 789.13	5324 023.30	5339 257.53	5354 491.84	5369 726.19
2 47 30	5309 040.77	5324 274.55	5339 508.39	5354 742.30	5369 976.26
2 50 00	5309 296.20	5324 529.59	5339 763.02	5354 996.53	5370 230.09
2 52 30	5309 555.42	5324 788.40	5340 021.43	5355 254.53	5370 487.68
2 55 00	5309 818.41	5325 050.98	5340 283.60	5355 516.30	5370 749.03
2 57 30	5310 085.19	5325 317.34	5340 549.55	5355 781.82	5371 014.15
3 00 00	5310 355.76	5325 587.49	5340 819.27	5356 051.12	5371 283.02

Second-difference correction to y for indicated value of k (for all Δλ's)

k	0" 150"	5" 145"	10" 140"	15" 135"	20" 130"	25" 125"	30" 120"	35" 115"	40" 110"	45" 105"	50" 100"	55" 95"	60" 90"	65" 85"	70" 80"	75" 75"
Correction	-.01	-.07	-.12	-.17	-.22	-.26	-.30	-.34	-.37	-.40	-.42	-.44	-.45	-.46	-.47	-.47

Correction for h is negligible

ALASKA – ZONES 2 TO 9
STATE PLANE COORDINATES IN FEET – X'

Δλ \ φ	68 40 00	68 42 30	68 45 00	68 47 30	68 50 00
0 00 00	0.00	0.00	0.00	0.00	0.00
0 02 30	5 551.87	5 541.54	5 531.20	5 520.87	5 510.53
0 05 00	11 103.73	11 083.07	11 062.41	11 041.73	11 021.05
0 07 30	16 655.59	16 624.60	16 593.60	16 562.59	16 531.58
0 10 00	22 207.45	22 166.12	22 124.79	22 083.45	22 042.10
0 12 30	27 759.29	27 707.64	27 655.97	27 604.30	27 552.60
0 15 00	33 311.12	33 249.14	33 187.14	33 125.13	33 063.10
0 17 30	38 862.94	38 790.63	38 718.31	38 645.95	38 573.58
0 20 00	44 414.75	44 332.11	44 249.45	44 166.76	44 084.05
0 22 30	49 966.54	49 873.57	49 780.58	49 687.55	49 594.50
0 25 00	55 518.31	55 415.01	55 311.68	55 208.32	55 104.94
0 27 30	61 070.06	60 956.43	60 842.77	60 729.07	60 615.34
0 30 00	66 621.78	66 497.82	66 373.83	66 249.80	66 125.73
0 32 30	72 173.48	72 039.19	71 904.86	71 770.50	71 636.10
0 35 00	77 725.15	77 580.53	77 435.87	77 291.17	77 146.43
0 37 30	83 276.79	83 121.84	82 966.85	82 811.01	82 656.73
0 40 00	88 828.40	88 663.12	88 497.79	88 332.42	88 167.00
0 42 30	94 379.97	94 204.37	94 028.71	93 852.99	93 677.24
0 45 00	99 931.50	99 745.57	99 559.58	99 373.53	99 187.44
0 47 30	105 483.00	105 286.73	105 090.42	104 894.03	104 697.60
0 50 00	111 034.46	110 827.86	110 621.21	110 414.49	110 207.72
0 52 30	116 585.87	116 368.95	116 151.96	115 934.91	115 717.80
0 55 00	122 137.24	121 909.99	121 682.67	121 455.28	121 227.83
0 57 30	127 688.56	127 450.98	127 213.32	126 975.60	126 737.81
1 00 00	133 239.83	132 991.92	132 743.93	132 495.87	132 247.74
1 02 30	138 791.05	138 532.81	138 274.49	138 016.10	137 757.63
1 05 00	144 342.21	144 073.64	143 804.99	143 536.26	143 267.46
1 07 30	149 893.33	149 614.42	149 335.44	149 056.38	148 777.23
1 10 00	155 444.37	155 155.14	154 865.83	154 576.43	154 286.95
1 12 30	160 995.37	160 695.80	160 396.15	160 096.42	159 796.60
1 15 00	166 546.29	166 236.40	165 926.42	165 616.35	165 306.19
1 17 30	172 097.15	171 776.94	171 456.62	171 136.22	170 815.72
1 20 00	177 647.95	177 317.40	176 986.76	176 656.02	176 325.18
1 22 30	183 198.68	182 857.80	182 516.82	182 175.75	181 834.57
1 25 00	188 749.33	188 398.12	188 046.82	187 695.41	187 343.89
1 27 30	194 299.92	193 938.38	193 576.74	193 214.99	192 853.14
1 30 00	199 850.42	199 478.56	199 106.58	198 734.50	198 362.31
1 32 30	205 400.85	205 018.65	204 636.35	204 253.93	203 871.41
1 35 00	210 951.20	210 558.67	210 166.04	209 773.29	209 380.42
1 37 30	216 501.47	216 098.61	215 695.64	215 292.56	214 889.35
1 40 00	222 051.65	221 638.47	221 225.17	220 811.74	220 398.20
1 42 30	227 601.74	227 178.23	226 754.60	226 330.84	225 906.97
1 45 00	233 151.75	232 717.91	232 283.94	231 849.85	231 415.64
1 47 30	238 701.67	238 257.50	237 813.20	237 368.77	236 924.22
1 50 00	244 251.49	243 797.00	243 342.36	242 887.60	242 432.71
1 52 30	249 801.22	249 336.39	248 871.43	248 406.34	247 941.11
1 55 00	255 350.85	254 875.70	254 400.41	253 924.97	253 449.41
1 57 30	260 900.39	260 414.90	259 929.28	259 443.51	258 957.61
2 00 00	266 449.82	265 954.01	265 458.05	264 961.95	264 465.71
2 02 30	271 999.15	271 493.01	270 986.72	270 480.29	269 973.71
2 05 00	277 548.37	277 031.90	276 515.28	275 998.51	275 481.59
2 07 30	283 097.48	282 570.68	282 043.73	281 516.63	280 989.38
2 10 00	288 646.49	288 109.35	287 572.08	287 034.64	286 497.05
2 12 30	294 195.38	293 647.92	293 100.31	292 552.54	292 004.61
2 15 00	299 744.15	299 186.37	298 628.43	298 070.32	297 512.06
2 17 30	305 292.81	304 724.70	304 156.43	303 587.99	303 019.39
2 20 00	310 841.35	310 262.92	309 684.31	309 105.53	308 526.60
2 22 30	316 389.78	315 801.01	315 212.07	314 622.96	314 033.69
2 25 00	321 938.07	321 338.98	320 739.71	320 140.27	319 540.66
2 27 30	327 486.25	326 876.82	326 267.22	325 657.45	325 047.50
2 30 00	333 034.29	332 414.54	331 794.61	331 174.50	330 554.21
2 32 30	338 582.21	337 952.13	337 321.87	336 691.42	336 060.80
2 35 00	344 129.99	343 489.58	342 848.99	342 208.21	341 567.26
2 37 30	349 677.64	349 026.90	348 375.98	347 724.87	347 073.58
2 40 00	355 225.16	354 564.09	353 902.84	353 241.39	352 579.76
2 42 30	360 772.53	360 101.14	359 429.56	358 757.78	358 085.81
2 45 00	366 319.76	365 638.04	364 956.13	364 274.02	363 591.72
2 47 30	371 866.85	371 174.81	370 482.57	369 790.12	369 097.48
2 50 00	377 413.80	376 711.43	376 008.86	375 306.08	374 603.11
2 52 30	382 960.61	382 247.90	381 535.00	380 821.89	380 108.58
2 55 00	388 507.26	387 784.23	387 061.00	386 337.55	385 613.90
2 57 30	394 053.76	393 320.40	392 586.84	391 853.06	391 119.08
3 00 00	399 600.11	398 856.42	398 112.53	397 368.42	396 624.10

Second-difference correction to x' for indicated values of h and Δλ

Δλ \ h	0" 150"	15" 135"	30" 120"	45" 105"	60" 90"	75" 75"
0°	0	0	0	0	0	0
1°	0	+.01	+.01	+.01	+.01	+.01
2°	+.01	+.02	+.02	+.02	+.03	+.03
3°	+.01	+.02	+.03	+.04	+.04	+.04

Correction for k is negligible

ALASKA – ZONES 2 TO 9
STATE PLANE COORDINATES IN FEET – Y

Δλ \ φ	68 40 00	68 42 30	68 45 00	68 47 30	68 50 00
0 00 00	5361 535.52	5376 782.86	5392 030.27	5407 277.76	5422 525.34
0 02 30	5361 537.40	5376 784.73	5392 032.15	5407 279.63	5422 527.21
0 05 00	5361 543.04	5376 790.37	5392 037.77	5407 285.25	5422 532.81
0 07 30	5361 552.44	5376 799.75	5392 047.14	5407 294.61	5422 542.15
0 10 00	5361 565.61	5376 812.90	5392 060.26	5407 307.71	5422 555.23
0 12 30	5361 582.53	5376 829.79	5392 077.13	5407 324.55	5422 572.05
0 15 00	5361 603.21	5376 850.45	5392 097.75	5407 345.14	5422 592.60
0 17 30	5361 627.66	5376 874.85	5392 122.12	5407 369.47	5422 616.89
0 20 00	5361 655.86	5376 903.01	5392 150.24	5407 397.54	5422 644.92
0 22 30	5361 687.83	5376 934.93	5392 182.10	5407 429.36	5422 676.68
0 25 00	5361 723.56	5376 970.60	5392 217.72	5407 464.91	5422 712.19
0 27 30	5361 763.05	5377 010.03	5392 257.08	5407 504.21	5422 751.42
0 30 00	5361 806.30	5377 053.21	5392 300.19	5407 547.26	5422 794.40
0 32 30	5361 853.30	5377 100.14	5392 347.06	5407 594.05	5422 841.11
0 35 00	5361 904.08	5377 150.83	5392 397.67	5407 644.57	5422 891.56
0 37 30	5361 958.61	5377 205.28	5392 452.02	5407 698.85	5422 945.75
0 40 00	5362 016.90	5377 263.48	5392 510.13	5407 756.86	5423 003.67
0 42 30	5362 078.95	5377 325.44	5392 571.99	5407 818.62	5423 065.33
0 45 00	5362 144.76	5377 391.14	5392 637.59	5407 884.12	5423 130.73
0 47 30	5362 214.34	5377 460.61	5392 706.95	5407 953.37	5423 199.86
0 50 00	5362 287.67	5377 533.82	5392 780.05	5408 026.36	5423 272.74
0 52 30	5362 364.77	5377 610.80	5392 856.90	5408 103.08	5423 349.34
0 55 00	5362 445.63	5377 691.53	5392 937.50	5408 183.56	5423 429.69
0 57 30	5362 530.25	5377 776.01	5393 021.85	5408 267.77	5423 513.77
1 00 00	5362 618.62	5377 864.25	5393 109.95	5408 355.73	5423 601.59
1 02 30	5362 710.76	5377 956.24	5393 201.80	5408 447.43	5423 693.14
1 05 00	5362 806.66	5378 051.99	5393 297.40	5408 542.88	5423 788.44
1 07 30	5362 906.32	5378 151.49	5393 396.74	5408 642.07	5423 887.47
1 10 00	5363 009.74	5378 254.75	5393 499.84	5408 745.00	5423 990.23
1 12 30	5363 116.92	5378 361.76	5393 606.68	5408 851.67	5424 096.73
1 15 00	5363 227.86	5378 472.53	5393 717.27	5408 962.09	5424 206.98
1 17 30	5363 342.56	5378 587.05	5393 831.61	5409 076.24	5424 320.95
1 20 00	5363 461.02	5378 705.32	5393 949.70	5409 194.14	5424 438.66
1 22 30	5363 583.25	5378 827.36	5394 071.53	5409 315.79	5424 560.12
1 25 00	5363 709.23	5378 953.14	5394 197.12	5409 441.18	5424 685.30
1 27 30	5363 838.97	5379 082.68	5394 326.45	5409 570.31	5424 814.23
1 30 00	5363 972.48	5379 215.97	5394 459.54	5409 703.18	5424 946.89
1 32 30	5364 109.74	5379 353.02	5394 596.37	5409 839.79	5425 083.29
1 35 00	5364 250.77	5379 493.83	5394 736.95	5409 980.15	5425 223.42
1 37 30	5364 395.56	5379 638.38	5394 881.28	5410 124.25	5425 367.29
1 40 00	5364 544.11	5379 786.70	5395 029.36	5410 272.09	5425 514.90
1 42 30	5364 696.41	5379 938.76	5395 181.18	5410 423.68	5425 666.24
1 45 00	5364 852.48	5380 094.59	5395 336.76	5410 579.00	5425 821.32
1 47 30	5365 012.31	5380 254.16	5395 496.08	5410 738.08	5425 980.14
1 50 00	5365 175.90	5380 417.49	5395 659.16	5410 900.89	5426 142.69
1 52 30	5365 343.25	5380 584.57	5395 825.97	5411 067.45	5426 308.99
1 55 00	5365 514.35	5380 755.41	5395 996.54	5411 237.74	5426 479.01
1 57 30	5365 689.23	5380 930.01	5396 170.86	5411 411.78	5426 652.78
2 00 00	5365 867.86	5381 108.36	5396 348.93	5411 589.57	5426 830.27
2 02 30	5366 050.25	5381 290.46	5396 530.74	5411 771.09	5427 011.51
2 05 00	5366 236.40	5381 476.32	5396 716.31	5411 956.36	5427 196.48
2 07 30	5366 426.30	5381 665.93	5396 905.62	5412 145.37	5427 385.19
2 10 00	5366 619.97	5381 859.29	5397 098.67	5412 338.12	5427 577.64
2 12 30	5366 817.41	5382 056.41	5397 295.48	5412 534.62	5427 773.82
2 15 00	5367 018.60	5382 257.29	5397 496.04	5412 734.86	5427 973.74
2 17 30	5367 223.55	5382 461.91	5397 700.34	5412 938.84	5428 177.40
2 20 00	5367 432.26	5382 670.30	5397 908.40	5413 146.56	5428 384.79
2 22 30	5367 644.73	5382 882.43	5398 120.20	5413 358.02	5428 595.92
2 25 00	5367 860.97	5383 098.32	5398 335.75	5413 573.23	5428 810.79
2 27 30	5368 080.96	5383 317.97	5398 555.05	5413 792.18	5429 029.38
2 30 00	5368 304.71	5383 541.37	5398 778.09	5414 014.87	5429 251.72
2 32 30	5368 532.23	5383 768.52	5399 004.88	5414 241.31	5429 477.80
2 35 00	5368 763.50	5383 999.43	5399 235.42	5414 471.48	5429 707.60
2 37 30	5368 998.53	5384 234.09	5399 469.72	5414 705.40	5429 941.15
2 40 00	5369 237.32	5384 472.51	5399 707.75	5414 943.06	5430 178.43
2 42 30	5369 479.88	5384 714.68	5399 949.54	5415 184.46	5430 419.45
2 45 00	5369 726.19	5384 960.60	5400 195.08	5415 429.61	5430 664.20
2 47 30	5369 976.26	5385 210.28	5400 444.36	5415 678.50	5430 912.69
2 50 00	5370 230.09	5385 463.71	5400 697.38	5415 931.12	5431 164.92
2 52 30	5370 487.68	5385 720.89	5400 954.16	5416 187.49	5431 420.88
2 55 00	5370 749.03	5385 981.83	5401 214.69	5416 447.60	5431 680.58
2 57 30	5371 014.15	5386 246.52	5401 478.96	5416 711.46	5431 944.01
3 00 00	5371 283.02	5386 514.97	5401 746.98	5416 979.06	5432 211.19

Second-difference correction to y for indicated value of k (for all Δλ's)

k	0" 150"	5" 145"	10" 140"	15" 135"	20" 130"	25" 125"	30" 120"	35" 115"	40" 110"	45" 105"	50" 100"	55" 95"	60" 90"	65" 85"	70" 80"	75" 75"
Correction	-.01	-.07	-.12	-.17	-.22	-.26	-.30	-.34	-.37	-.40	-.42	-.44	-.45	-.46	-.47	-.47

Correction for h is negligible

ALASKA – ZONES 2 TO 9
STATE PLANE COORDINATES IN FEET – X'

Δλ \ φ	68 50 00	68 52 30	68 55 00	68 57 30	69 00 00
0 00 00	0.00	0.00	0.00	0.00	0.00
0 02 30	5 510.53	5 500.19	5 489.84	5 479.50	5 469.15
0 05 00	11 021.05	11 000.37	10 979.68	10 958.99	10 938.29
0 07 30	16 531.58	16 500.55	16 469.52	16 438.48	16 407.42
0 10 00	22 042.10	22 000.73	21 959.35	21 917.96	21 876.56
0 12 30	27 552.60	27 500.89	27 449.17	27 397.43	27 345.68
0 15 00	33 063.10	33 001.05	32 938.98	32 876.89	32 814.79
0 17 30	38 573.58	38 501.19	38 428.77	38 356.35	38 283.89
0 20 00	44 084.05	44 001.32	43 918.56	43 835.78	43 752.97
0 22 30	49 594.50	49 501.43	49 408.32	49 315.20	49 222.04
0 25 00	55 104.94	55 001.52	54 898.07	54 794.60	54 691.09
0 27 30	60 615.34	60 501.59	60 387.80	60 273.97	60 160.12
0 30 00	66 125.73	66 001.63	65 877.50	65 753.32	65 629.12
0 32 30	71 636.10	71 501.65	71 367.17	71 232.65	71 098.09
0 35 00	77 146.43	77 001.64	76 856.82	76 711.95	76 567.04
0 37 30	82 656.73	82 501.61	82 346.43	82 191.22	82 035.96
0 40 00	88 167.00	88 001.53	87 836.02	87 670.46	87 504.85
0 42 30	93 677.24	93 501.43	93 325.57	93 149.66	92 973.70
0 45 00	99 187.44	99 001.29	98 815.08	98 628.83	98 442.52
0 47 30	104 697.60	104 501.11	104 304.56	104 107.95	103 911.29
0 50 00	110 207.72	110 000.89	109 793.99	109 587.04	109 380.03
0 52 30	115 717.80	115 500.62	115 283.38	115 066.08	114 848.72
0 55 00	121 227.83	121 000.31	120 772.73	120 545.08	120 317.37
0 57 30	126 737.81	126 499.95	126 262.02	126 024.03	125 785.97
1 00 00	132 247.74	131 999.55	131 751.28	131 502.93	131 254.52
1 02 30	137 757.63	137 499.09	137 240.47	136 981.78	136 723.02
1 05 00	143 267.46	142 998.58	142 729.62	142 460.58	142 191.47
1 07 30	148 777.23	148 498.01	148 218.70	147 939.32	147 659.86
1 10 00	154 286.95	153 997.38	153 707.73	153 418.00	153 128.19
1 12 30	159 796.60	159 496.70	159 196.70	158 896.62	158 596.46
1 15 00	165 306.19	164 995.95	164 685.61	164 375.19	164 064.67
1 17 30	170 815.72	170 495.13	170 174.45	169 853.68	169 532.82
1 20 00	176 325.18	175 994.25	175 663.22	175 332.11	175 000.90
1 22 30	181 834.57	181 493.30	181 151.93	180 810.47	180 468.90
1 25 00	187 343.89	186 992.28	186 640.57	186 288.75	185 936.84
1 27 30	192 853.14	192 491.19	192 129.13	191 766.97	191 404.71
1 30 00	198 362.31	197 990.02	197 617.62	197 245.11	196 872.50
1 32 30	203 871.41	203 488.78	203 106.03	202 723.17	202 340.21
1 35 00	209 380.42	208 987.45	208 594.36	208 201.16	207 807.85
1 37 30	214 889.35	214 486.04	214 082.60	213 679.06	213 275.40
1 40 00	220 398.20	219 984.55	219 570.77	219 156.88	218 742.87
1 42 30	225 906.97	225 482.97	225 058.84	224 634.60	224 210.24
1 45 00	231 415.64	230 981.30	230 546.84	230 112.25	229 677.54
1 47 30	236 924.22	236 479.54	236 034.73	235 589.80	235 144.74
1 50 00	242 432.71	241 977.70	241 522.54	241 067.26	240 611.85
1 52 30	247 941.11	247 475.75	247 010.25	246 544.63	246 078.87
1 55 00	253 449.41	252 973.71	252 497.87	252 021.90	251 545.79
1 57 30	258 957.61	258 471.57	257 985.39	257 499.07	257 012.61
2 00 00	264 465.71	263 969.33	263 472.80	262 976.14	262 479.33
2 02 30	269 973.71	269 466.99	268 960.11	268 453.10	267 945.95
2 05 00	275 481.59	274 964.54	274 447.33	273 929.96	273 412.46
2 07 30	280 989.38	280 461.98	279 934.42	279 406.71	278 878.86
2 10 00	286 497.05	285 959.31	285 421.41	284 883.36	284 345.16
2 12 30	292 004.61	291 456.53	290 908.29	290 359.89	289 811.34
2 15 00	297 512.06	296 953.64	296 395.05	295 836.31	295 277.41
2 17 30	303 019.39	302 450.63	301 881.70	301 312.61	300 743.36
2 20 00	308 526.60	307 947.50	307 368.22	306 788.79	306 209.19
2 22 30	314 033.69	313 444.25	312 854.63	312 264.85	311 674.91
2 25 00	319 540.66	318 940.88	318 340.92	317 740.79	317 140.50
2 27 30	325 047.50	324 437.38	323 827.08	323 216.61	322 605.97
2 30 00	330 554.21	329 933.75	329 313.11	328 692.29	328 071.30
2 32 30	336 060.80	335 430.00	334 799.02	334 167.86	333 536.51
2 35 00	341 567.26	340 926.12	340 284.79	339 643.28	339 001.60
2 37 30	347 073.58	346 422.10	345 770.43	345 118.57	344 466.54
2 40 00	352 579.76	351 917.94	351 255.93	350 593.73	349 931.35
2 42 30	358 085.81	357 413.66	356 741.30	356 068.76	355 396.02
2 45 00	363 591.72	362 909.22	362 226.53	361 543.63	360 860.56
2 47 30	369 097.48	368 404.65	367 711.61	367 018.38	366 324.95
2 50 00	374 603.11	373 899.93	373 196.55	372 492.97	371 789.19
2 52 30	380 108.58	379 395.06	378 681.34	377 967.42	377 253.30
2 55 00	385 613.90	384 890.05	384 165.99	383 441.72	382 717.25
2 57 30	391 119.08	390 384.89	389 650.48	388 915.87	388 181.05
3 00 00	396 624.10	395 879.57	395 134.02	394 389.86	393 644.70

Second-difference correction to x' for indicated values of h and Δλ

Δλ \ h	0" 150"	15" 135"	30" 120"	45" 105"	60" 90"	75" 75"
0°	0	0	0	0	0	0
1°	0	+.01	+.01	+.01	+.01	+.01
2°	+.01	+.02	+.02	+.02	+.03	+.03
3°	+.01	+.02	+.03	+.04	+.04	+.04

Correction for k is negligible

ALASKA – ZONES 2 TO 9
STATE PLANE COORDINATES IN FEET – Y

Δλ \ φ	68 50 00	68 52 30	68 55 00	68 57 30	69 00 00
0 00 00	5422 525.34	5437 772.98	5453 020.70	5468 268.49	5483 516.37
0 02 30	5422 527.21	5437 774.85	5453 022.56	5468 270.35	5483 518.23
0 05 00	5422 532.81	5437 780.44	5453 028.15	5468 275.93	5483 523.80
0 07 30	5422 542.15	5437 789.77	5453 037.46	5468 285.23	5483 533.08
0 10 00	5422 555.23	5437 802.83	5453 050.50	5468 298.25	5483 546.07
0 12 30	5422 572.05	5437 819.62	5453 067.26	5468 314.98	5483 562.78
0 15 00	5422 592.60	5437 840.14	5453 087.75	5468 335.43	5483 583.21
0 17 30	5422 616.89	5437 864.39	5453 111.96	5468 359.61	5483 607.34
0 20 00	5422 644.92	5437 892.37	5453 139.90	5468 387.50	5483 635.19
0 22 30	5422 676.68	5437 924.09	5453 171.56	5468 419.12	5483 666.75
0 25 00	5422 712.19	5437 959.53	5453 206.95	5468 454.45	5483 702.02
0 27 30	5422 751.42	5437 998.71	5453 246.06	5468 493.50	5483 741.01
0 30 00	5422 794.40	5438 041.61	5453 288.90	5468 536.27	5483 783.71
0 32 30	5422 841.11	5438 088.25	5453 335.47	5468 582.76	5483 830.12
0 35 00	5422 891.56	5438 138.62	5453 385.76	5468 632.96	5483 880.25
0 37 30	5422 945.75	5438 192.72	5453 439.77	5468 686.89	5483 934.09
0 40 00	5423 003.67	5438 250.55	5453 497.51	5468 744.53	5483 991.65
0 42 30	5423 065.33	5438 312.11	5453 558.97	5468 805.90	5484 052.91
0 45 00	5423 130.73	5438 377.40	5453 624.16	5468 870.98	5484 117.89
0 47 30	5423 199.86	5438 446.43	5453 693.07	5468 939.79	5484 186.58
0 50 00	5423 272.74	5438 519.18	5453 765.71	5469 012.31	5484 258.98
0 52 30	5423 349.34	5438 595.67	5453 842.07	5469 088.55	5484 335.10
0 55 00	5423 429.69	5438 675.89	5453 922.16	5469 168.51	5484 414.94
0 57 30	5423 513.77	5438 759.83	5454 005.97	5469 252.18	5484 498.48
1 00 00	5423 601.59	5438 847.51	5454 093.51	5469 339.59	5484 585.74
1 02 30	5423 693.14	5438 938.92	5454 184.78	5469 430.70	5484 676.71
1 05 00	5423 788.44	5439 034.06	5454 279.76	5469 525.54	5484 771.39
1 07 30	5423 887.47	5439 132.93	5454 378.48	5469 624.09	5484 869.78
1 10 00	5423 990.23	5439 235.54	5454 480.92	5469 726.37	5484 971.89
1 12 30	5424 096.73	5439 341.87	5454 587.08	5469 832.36	5485 077.72
1 15 00	5424 206.98	5439 451.94	5454 696.96	5469 942.07	5485 187.25
1 17 30	5424 320.95	5439 565.73	5454 810.58	5470 055.50	5485 300.50
1 20 00	5424 438.66	5439 683.25	5454 927.92	5470 172.65	5485 417.46
1 22 30	5424 560.12	5439 804.51	5455 048.98	5470 293.51	5485 538.13
1 25 00	5424 685.30	5439 929.50	5455 173.77	5470 418.10	5485 662.52
1 27 30	5424 814.23	5440 058.22	5455 302.28	5470 546.41	5485 790.62
1 30 00	5424 946.89	5440 190.67	5455 434.52	5470 678.43	5485 922.43
1 32 30	5425 083.29	5440 326.85	5455 570.48	5470 814.18	5486 057.95
1 35 00	5425 223.42	5440 466.75	5455 710.16	5470 953.64	5486 197.19
1 37 30	5425 367.29	5440 610.39	5455 853.57	5471 096.82	5486 340.14
1 40 00	5425 514.90	5440 757.77	5456 000.71	5471 243.72	5486 486.80
1 42 30	5425 666.24	5440 908.87	5456 151.57	5471 394.34	5486 637.18
1 45 00	5425 821.32	5441 063.70	5456 306.16	5471 548.68	5486 791.27
1 47 30	5425 980.14	5441 222.27	5456 464.46	5471 706.73	5486 949.07
1 50 00	5426 142.69	5441 384.56	5456 626.50	5471 868.50	5487 110.59
1 52 30	5426 308.99	5441 550.59	5456 792.26	5472 034.00	5487 275.81
1 55 00	5426 479.01	5441 720.34	5456 961.74	5472 203.21	5487 444.75
1 57 30	5426 652.78	5441 893.83	5457 134.95	5472 376.14	5487 617.40
2 00 00	5426 830.27	5442 071.05	5457 311.88	5472 552.79	5487 793.77
2 02 30	5427 011.51	5442 251.99	5457 492.54	5472 733.16	5487 973.84
2 05 00	5427 196.48	5442 436.67	5457 676.93	5472 917.24	5488 157.63
2 07 30	5427 385.19	5442 625.08	5457 865.03	5473 105.05	5488 345.13
2 10 00	5427 577.64	5442 817.22	5458 056.86	5473 296.57	5488 536.35
2 12 30	5427 773.82	5443 013.09	5458 252.42	5473 491.81	5488 731.28
2 15 00	5427 973.74	5443 212.69	5458 451.70	5473 690.77	5488 929.91
2 17 30	5428 177.40	5443 416.02	5458 654.70	5473 893.45	5489 132.27
2 20 00	5428 384.79	5443 623.08	5458 861.43	5474 099.85	5489 338.34
2 22 30	5428 595.92	5443 833.87	5459 071.89	5474 309.97	5489 548.11
2 25 00	5428 810.79	5444 048.39	5459 286.06	5474 523.80	5489 761.60
2 27 30	5429 029.38	5444 266.64	5459 503.97	5474 741.35	5489 978.80
2 30 00	5429 251.72	5444 488.62	5459 725.59	5474 962.62	5490 199.71
2 32 30	5429 477.80	5444 714.34	5459 950.94	5475 187.61	5490 424.34
2 35 00	5429 707.60	5444 943.78	5460 180.02	5475 416.32	5490 652.68
2 37 30	5429 941.15	5445 176.95	5460 412.82	5475 648.74	5490 884.73
2 40 00	5430 178.43	5445 413.85	5460 649.34	5475 884.89	5491 120.49
2 42 30	5430 419.45	5445 654.49	5460 889.59	5476 124.75	5491 359.97
2 45 00	5430 664.20	5445 898.85	5461 133.56	5476 368.32	5491 603.15
2 47 30	5430 912.69	5446 146.95	5461 381.26	5476 615.63	5491 850.06
2 50 00	5431 164.92	5446 398.77	5461 632.68	5476 866.64	5492 100.67
2 52 30	5431 420.88	5446 654.32	5461 887.82	5477 121.38	5492 354.99
2 55 00	5431 680.58	5446 913.61	5462 146.69	5477 379.83	5492 613.03
2 57 30	5431 944.01	5447 176.62	5462 409.28	5477 642.00	5492 874.77
3 00 00	5432 211.19	5447 443.36	5462 675.59	5477 907.89	5493 140.23

Second-difference correction to y for indicated value of k (for all Δλ's)

k	0" 150"	5" 145"	10" 140"	15" 135"	20" 130"	25" 125"	30" 120"	35" 115"	40" 110"	45" 105"	50" 100"	55" 95"	60" 90"	65" 85"	70" 80"	75" 75"
Correction	-.01	-.07	-.12	-.17	-.22	-.26	-.30	-.34	-.37	-.40	-.42	-.44	-.45	-.46	-.47	-.47

Correction for h is negligible

ALASKA – ZONES 2 TO 9
STATE PLANE COORDINATES IN FEET – X'

Δλ \ φ	69 00 00	69 02 30	69 05 00	69 07 30	69 10 00
0 00 00	0.00	0.00	0.00	0.00	0.00
0 02 30	5 469.15	5 458.79	5 448.43	5 438.08	5 427.71
0 05 00	10 938.29	10 917.58	10 896.86	10 876.15	10 855.42
0 07 30	16 407.42	16 376.36	16 345.30	16 314.22	16 283.13
0 10 00	21 876.56	21 835.14	21 793.72	21 752.28	21 710.83
0 12 30	27 345.68	27 293.91	27 242.13	27 190.33	27 138.52
0 15 00	32 814.79	32 752.67	32 690.53	32 628.37	32 566.20
0 17 30	38 283.89	38 211.42	38 138.92	38 066.41	37 993.87
0 20 00	43 752.97	43 670.15	43 587.29	43 504.42	43 421.52
0 22 30	49 222.04	49 128.86	49 035.65	48 942.42	48 849.16
0 25 00	54 691.09	54 587.55	54 483.99	54 380.40	54 276.77
0 27 30	60 160.12	60 046.23	59 932.30	59 818.35	59 704.37
0 30 00	65 629.12	65 504.88	65 380.60	65 256.29	65 131.94
0 32 30	71 098.09	70 963.50	70 828.86	70 694.19	70 559.48
0 35 00	76 567.04	76 422.09	76 277.10	76 132.07	75 987.00
0 37 30	82 035.96	81 880.66	81 725.31	81 569.92	81 414.49
0 40 00	87 504.85	87 339.19	87 173.49	87 007.74	86 841.94
0 42 30	92 973.70	92 797.69	92 621.63	92 445.52	92 269.36
0 45 00	98 442.52	98 256.16	98 069.74	97 883.27	97 696.75
0 47 30	103 911.29	103 714.58	103 517.80	103 320.98	103 124.09
0 50 00	109 380.03	109 172.96	108 965.83	108 758.64	108 551.40
0 52 30	114 848.72	114 631.30	114 413.81	114 196.27	113 978.66
0 55 00	120 317.37	120 089.59	119 861.76	119 633.85	119 405.88
0 57 30	125 785.97	125 547.84	125 309.64	125 071.38	124 833.05
1 00 00	131 254.52	131 006.04	130 757.49	130 508.86	130 260.17
1 02 30	136 723.02	136 464.19	136 205.28	135 946.29	135 687.24
1 05 00	142 191.47	141 922.28	141 653.01	141 383.67	141 114.26
1 07 30	147 659.86	147 380.32	147 100.70	146 821.00	146 541.21
1 10 00	153 128.19	152 838.30	152 548.32	152 258.26	151 968.11
1 12 30	158 596.46	158 296.22	157 995.88	157 695.46	157 394.96
1 15 00	164 064.67	163 754.07	163 443.38	163 132.61	162 821.74
1 17 30	169 532.82	169 211.86	168 890.82	168 569.68	168 248.45
1 20 00	175 000.90	174 669.59	174 338.19	174 006.69	173 675.10
1 22 30	180 468.90	180 127.24	179 785.49	179 443.63	179 101.68
1 25 00	185 936.84	185 584.83	185 232.72	184 880.51	184 528.19
1 27 30	191 404.71	191 042.34	190 679.87	190 317.31	189 954.63
1 30 00	196 872.50	196 499.78	196 126.96	195 754.02	195 380.99
1 32 30	202 340.21	201 957.14	201 573.96	201 190.67	200 807.28
1 35 00	207 807.85	207 414.42	207 020.89	206 627.24	206 233.48
1 37 30	213 275.40	212 871.62	212 467.73	212 063.72	211 659.60
1 40 00	218 742.87	218 328.74	217 914.49	217 500.13	217 085.65
1 42 30	224 210.24	223 785.76	223 361.16	222 936.44	222 511.60
1 45 00	229 677.54	229 242.70	228 807.75	228 372.67	227 937.46
1 47 30	235 144.74	234 699.56	234 254.24	233 808.80	233 363.24
1 50 00	240 611.85	240 156.32	239 700.65	239 244.85	238 788.92
1 52 30	246 078.87	245 612.98	245 146.95	244 680.80	244 214.51
1 55 00	251 545.79	251 069.55	250 593.17	250 116.66	249 640.01
1 57 30	257 012.61	256 526.02	256 039.28	255 552.41	255 065.40
2 00 00	262 479.33	261 982.38	261 485.29	260 988.07	260 490.70
2 02 30	267 945.95	267 438.65	266 931.20	266 423.62	265 915.89
2 05 00	273 412.46	272 894.81	272 377.01	271 859.07	271 340.98
2 07 30	278 878.86	278 350.86	277 822.71	277 294.40	276 765.95
2 10 00	284 345.16	283 806.80	283 268.29	282 729.63	282 190.82
2 12 30	289 811.34	289 262.63	288 713.77	288 164.75	287 615.58
2 15 00	295 277.41	294 718.35	294 159.13	293 599.76	293 040.22
2 17 30	300 743.36	300 173.95	299 604.38	299 034.65	298 464.75
2 20 00	306 209.19	305 629.43	305 049.51	304 469.42	303 889.16
2 22 30	311 674.91	311 084.79	310 494.51	309 904.07	309 313.45
2 25 00	317 140.50	316 540.03	315 939.40	315 338.60	314 737.62
2 27 30	322 605.97	321 995.15	321 384.16	320 773.00	320 161.66
2 30 00	328 071.30	327 450.14	326 828.79	326 207.28	325 585.58
2 32 30	333 536.51	332 905.00	332 273.30	331 641.42	331 009.36
2 35 00	339 001.60	338 359.73	337 717.67	337 075.44	336 433.02
2 37 30	344 466.54	343 814.32	343 161.91	342 509.32	341 856.55
2 40 00	349 931.35	349 268.78	348 606.02	347 943.07	347 279.94
2 42 30	355 396.02	354 723.11	354 049.99	353 376.68	352 703.19
2 45 00	360 860.56	360 177.28	359 493.82	358 810.16	358 126.30
2 47 30	366 324.95	365 631.33	364 937.50	364 243.49	363 549.27
2 50 00	371 789.19	371 085.22	370 381.04	369 676.67	368 972.10
2 52 30	377 253.30	376 538.97	375 824.44	375 109.71	374 394.78
2 55 00	382 717.25	381 992.57	381 267.69	380 542.61	379 817.31
2 57 30	388 181.05	387 446.03	386 710.79	385 975.35	385 239.69
3 00 00	393 644.70	392 899.33	392 153.73	391 407.94	390 661.93

Second-difference correction to x' for indicated values of h and Δλ

Δλ \ h	0" 150"	15" 135"	30" 120"	45" 105"	60" 90"	75" 75"
0°	0	0	0	0	0	0
1°	0	+.01	+.01	+.01	+.01	+.01
2°	+.01	+.02	+.02	+.02	+.03	+.03
3°	+.01	+.02	+.03	+.04	+.04	+.04

Correction for k is negligible

ALASKA – ZONES 2 TO 9
STATE PLANE COORDINATES IN FEET – Y

Δλ \ φ	69 00 00	69 02 30	69 05 00	69 07 30	69 10 00
0 00 00	5483 516.37	5498 764.31	5514 012.34	5529 260.44	5544 508.61
0 02 30	5483 518.23	5498 766.17	5514 014.19	5529 262.28	5544 510.46
0 05 00	5483 523.80	5498 771.73	5514 019.74	5529 267.83	5544 515.99
0 07 30	5483 533.08	5498 781.00	5514 028.99	5529 277.06	5544 525.21
0 10 00	5483 546.07	5498 793.97	5514 041.95	5529 290.00	5544 538.12
0 12 30	5483 562.78	5498 810.65	5514 058.60	5529 306.62	5544 554.72
0 15 00	5483 583.21	5498 831.04	5514 078.96	5529 326.95	5544 575.02
0 17 30	5483 607.34	5498 855.14	5514 103.01	5529 350.97	5544 599.00
0 20 00	5483 635.19	5498 882.94	5514 130.77	5529 378.68	5544 626.66
0 22 30	5483 666.75	5498 914.45	5514 162.23	5529 410.09	5544 658.02
0 25 00	5483 702.02	5498 949.67	5514 197.39	5529 445.19	5544 693.07
0 27 30	5483 741.01	5498 988.59	5514 236.25	5529 483.99	5544 731.80
0 30 00	5483 783.71	5499 031.23	5514 278.82	5529 526.48	5544 774.22
0 32 30	5483 830.12	5499 077.56	5514 325.08	5529 572.67	5544 820.34
0 35 00	5483 880.25	5499 127.61	5514 375.05	5529 622.56	5544 870.14
0 37 30	5483 934.09	5499 181.36	5514 428.71	5529 676.13	5544 923.63
0 40 00	5483 991.65	5499 238.82	5514 486.08	5529 733.41	5544 980.81
0 42 30	5484 052.91	5499 299.99	5514 547.15	5529 794.38	5545 041.68
0 45 00	5484 117.89	5499 364.86	5514 611.91	5529 859.04	5545 106.24
0 47 30	5484 186.58	5499 433.44	5514 680.38	5529 927.40	5545 174.49
0 50 00	5484 258.98	5499 505.73	5514 752.56	5529 999.45	5545 246.43
0 52 30	5484 335.10	5499 581.73	5514 828.43	5530 075.20	5545 322.05
0 55 00	5484 414.94	5499 661.43	5514 908.00	5530 154.65	5545 401.37
0 57 30	5484 498.48	5499 744.84	5514 991.27	5530 237.78	5545 484.36
1 00 00	5484 585.74	5499 831.96	5515 078.25	5530 324.62	5545 571.06
1 02 30	5484 676.71	5499 922.78	5515 168.93	5530 415.15	5545 661.44
1 05 00	5484 771.39	5500 017.31	5515 263.30	5530 509.37	5545 755.51
1 07 30	5484 869.78	5500 115.54	5515 361.38	5530 607.29	5545 853.27
1 10 00	5484 971.89	5500 217.49	5515 463.16	5530 708.90	5545 954.72
1 12 30	5485 077.72	5500 323.14	5515 568.64	5530 814.21	5546 059.86
1 15 00	5485 187.25	5500 432.50	5515 677.82	5530 923.21	5546 168.68
1 17 30	5485 300.50	5500 545.56	5515 790.70	5531 035.91	5546 281.19
1 20 00	5485 417.46	5500 662.33	5515 907.28	5531 152.31	5546 397.40
1 22 30	5485 538.13	5500 782.81	5516 027.57	5531 272.39	5546 517.29
1 25 00	5485 662.52	5500 907.00	5516 151.55	5531 396.17	5546 640.87
1 27 30	5485 790.62	5501 034.89	5516 279.24	5531 523.65	5546 768.14
1 30 00	5485 922.43	5501 166.49	5516 410.62	5531 654.83	5546 899.10
1 32 30	5486 057.95	5501 301.80	5516 545.71	5531 789.69	5547 033.75
1 35 00	5486 197.19	5501 440.81	5516 684.50	5531 928.26	5547 172.08
1 37 30	5486 340.14	5501 583.53	5516 826.98	5532 070.51	5547 314.11
1 40 00	5486 486.80	5501 729.95	5516 973.17	5532 216.46	5547 459.82
1 42 30	5486 637.18	5501 880.09	5517 123.06	5532 366.11	5547 609.23
1 45 00	5486 791.27	5502 033.93	5517 276.65	5532 519.45	5547 762.32
1 47 30	5486 949.07	5502 191.47	5517 433.94	5532 676.49	5547 919.10
1 50 00	5487 110.59	5502 352.73	5517 594.94	5532 837.22	5548 079.57
1 52 30	5487 275.81	5502 517.68	5517 759.63	5533 001.64	5548 243.72
1 55 00	5487 444.75	5502 686.35	5517 928.02	5533 169.76	5548 411.57
1 57 30	5487 617.40	5502 858.72	5518 100.12	5533 341.57	5548 583.10
2 00 00	5487 793.77	5503 034.80	5518 275.91	5533 517.09	5548 758.32
2 02 30	5487 973.84	5503 214.59	5518 455.40	5533 696.29	5548 937.23
2 05 00	5488 157.63	5503 398.08	5518 638.60	5533 879.18	5549 119.84
2 07 30	5488 345.13	5503 585.28	5518 825.50	5534 065.78	5549 306.13
2 10 00	5488 536.35	5503 776.19	5519 016.09	5534 256.06	5549 496.10
2 12 30	5488 731.28	5503 970.80	5519 210.39	5534 450.05	5549 689.77
2 15 00	5488 929.91	5504 169.12	5519 408.39	5534 647.72	5549 887.12
2 17 30	5489 132.27	5504 371.14	5519 610.09	5534 849.09	5550 088.16
2 20 00	5489 338.34	5504 576.87	5519 815.48	5535 054.16	5550 292.89
2 22 30	5489 548.11	5504 786.31	5520 024.58	5535 262.92	5550 501.31
2 25 00	5489 761.60	5504 999.46	5520 237.38	5535 475.37	5550 713.42
2 27 30	5489 978.80	5505 216.31	5520 453.88	5535 691.52	5550 929.21
2 30 00	5490 199.71	5505 436.87	5520 674.08	5535 911.36	5551 148.70
2 32 30	5490 424.34	5505 661.13	5520 897.98	5536 134.89	5551 371.87
2 35 00	5490 652.68	5505 889.10	5521 125.58	5536 362.13	5551 598.73
2 37 30	5490 884.73	5506 120.78	5521 356.88	5536 593.05	5551 829.27
2 40 00	5491 120.49	5506 356.16	5521 591.88	5536 827.67	5552 063.51
2 42 30	5491 359.97	5506 595.25	5521 830.58	5537 065.98	5552 301.43
2 45 00	5491 603.15	5506 838.04	5522 072.98	5537 307.99	5552 543.05
2 47 30	5491 850.06	5507 084.54	5522 319.09	5537 553.69	5552 788.35
2 50 00	5492 100.67	5507 334.75	5522 568.89	5537 803.08	5553 037.33
2 52 30	5492 354.99	5507 588.66	5522 822.39	5538 056.17	5553 290.01
2 55 00	5492 613.03	5507 846.28	5523 079.59	5538 312.96	5553 546.38
2 57 30	5492 874.77	5508 107.60	5523 340.49	5538 573.43	5553 806.43
3 00 00	5493 140.23	5508 372.63	5523 605.09	5538 837.61	5554 070.17

Second-difference correction to y for indicated value of k (for all Δλ's)

k	0" 150"	5" 145"	10" 140"	15" 135"	20" 130"	25" 125"	30" 120"	35" 115"	40" 110"	45" 105"	50" 100"	55" 95"	60" 90"	65" 85"	70" 80"	75" 75"
Correction	-.01	-.07	-.12	-.17	-.22	-.26	-.30	-.34	-.37	-.40	-.42	-.44	-.45	-.46	-.47	-.47

Correction for h is negligible

ALASKA – ZONES 2 TO 9
STATE PLANE COORDINATES IN FEET – X'

Δλ \ φ	69 10 00	69 12 30	69 15 00	69 17 30	69 20 00
0 00 00	0.00	0.00	0.00	0.00	0.00
0 02 30	5 427.71	5 417.35	5 406.98	5 396.61	5 386.24
0 05 00	10 855.42	10 834.69	10 813.95	10 793.21	10 772.47
0 07 30	16 283.13	16 252.03	16 220.93	16 189.82	16 158.69
0 10 00	21 710.83	21 669.37	21 627.90	21 586.41	21 544.91
0 12 30	27 138.52	27 086.69	27 034.85	26 983.00	26 931.13
0 15 00	32 566.20	32 504.01	32 441.80	32 379.57	32 317.33
0 17 30	37 993.87	37 921.31	37 848.73	37 776.14	37 703.52
0 20 00	43 421.52	43 338.60	43 255.65	43 172.68	43 089.69
0 22 30	48 849.16	48 755.87	48 662.56	48 569.22	48 475.85
0 25 00	54 276.77	54 173.12	54 069.44	53 965.73	53 861.99
0 27 30	59 704.37	59 590.35	59 476.30	59 362.22	59 248.10
0 30 00	65 131.94	65 007.55	64 883.14	64 758.68	64 634.19
0 32 30	70 559.48	70 424.73	70 289.95	70 155.13	70 020.26
0 35 00	75 987.00	75 841.89	75 696.74	75 551.54	75 406.30
0 37 30	81 414.49	81 259.01	81 103.49	80 947.92	80 792.31
0 40 00	86 841.94	86 676.10	86 510.21	86 344.27	86 178.29
0 42 30	92 269.36	92 093.16	91 916.90	91 740.59	91 564.23
0 45 00	97 696.75	97 510.17	97 323.55	97 136.87	96 950.14
0 47 30	103 124.09	102 927.15	102 730.16	102 533.11	102 336.01
0 50 00	108 551.40	108 344.09	108 136.74	107 929.31	107 721.84
0 52 30	113 978.66	113 760.99	113 543.26	113 325.47	113 107.62
0 55 00	119 405.88	119 177.85	118 949.75	118 721.58	118 493.36
0 57 30	124 833.05	124 594.65	124 356.19	124 117.65	123 879.05
1 00 00	130 260.17	130 011.41	129 762.57	129 513.67	129 264.70
1 02 30	135 687.24	135 428.11	135 168.91	134 909.64	134 650.29
1 05 00	141 114.26	140 844.76	140 575.19	140 305.55	140 035.83
1 07 30	146 541.21	146 261.36	145 981.42	145 701.40	145 421.31
1 10 00	151 968.11	151 677.90	151 387.59	151 097.20	150 806.74
1 12 30	157 394.96	157 094.37	156 793.70	156 492.94	156 192.10
1 15 00	162 821.74	162 510.79	162 199.75	161 888.62	161 577.41
1 17 30	168 248.45	167 927.14	167 605.73	167 284.23	166 962.65
1 20 00	173 675.10	173 343.42	173 011.65	172 679.78	172 347.82
1 22 30	179 101.68	178 759.64	178 417.50	178 075.26	177 732.93
1 25 00	184 528.19	184 175.78	183 823.27	183 470.66	183 117.96
1 27 30	189 954.63	189 591.86	189 228.98	188 866.00	188 502.92
1 30 00	195 380.99	195 007.85	194 634.61	194 261.26	193 887.80
1 32 30	200 807.28	200 423.78	200 040.16	199 656.44	199 272.62
1 35 00	206 233.48	205 839.61	205 445.64	205 051.55	204 657.35
1 37 30	211 659.60	211 255.37	210 851.03	210 446.57	210 041.99
1 40 00	217 085.65	216 671.05	216 256.34	215 841.51	215 426.56
1 42 30	222 511.60	222 086.64	221 661.56	221 236.36	220 811.04
1 45 00	227 937.46	227 502.14	227 066.69	226 631.12	226 195.43
1 47 30	233 363.24	232 917.55	232 471.74	232 025.80	231 579.73
1 50 00	238 788.92	238 332.87	237 876.69	237 420.38	236 963.95
1 52 30	244 214.51	243 748.10	243 281.55	242 814.87	242 348.06
1 55 00	249 640.01	249 163.23	248 686.31	248 209.26	247 732.08
1 57 30	255 065.40	254 578.26	254 090.98	253 603.56	253 116.01
2 00 00	260 490.70	259 993.19	259 495.54	258 997.75	258 499.82
2 02 30	265 915.89	265 408.02	264 900.00	264 391.85	263 883.54
2 05 00	271 340.98	270 822.74	270 304.36	269 785.83	269 267.16
2 07 30	276 765.95	276 237.35	275 708.61	275 179.71	274 650.67
2 10 00	282 190.82	281 651.86	281 112.74	280 573.48	280 034.06
2 12 30	287 615.58	287 066.25	286 516.77	285 967.14	285 417.35
2 15 00	293 040.22	292 480.53	291 920.69	291 360.68	290 800.52
2 17 30	298 464.75	297 894.70	297 324.49	296 754.11	296 183.58
2 20 00	303 889.16	303 308.75	302 728.17	302 147.42	301 566.52
2 22 30	309 313.45	308 722.67	308 131.73	307 540.62	306 949.34
2 25 00	314 737.62	314 136.48	313 535.17	312 933.69	312 332.04
2 27 30	320 161.66	319 550.16	318 938.48	318 326.63	317 714.61
2 30 00	325 585.58	324 963.71	324 341.67	323 719.45	323 097.06
2 32 30	331 009.36	330 377.13	329 744.73	329 112.14	328 479.38
2 35 00	336 433.02	335 790.43	335 147.66	334 504.70	333 861.57
2 37 30	341 856.55	341 203.59	340 550.46	339 897.13	339 243.63
2 40 00	347 279.94	346 616.62	345 953.11	345 289.42	344 625.54
2 42 30	352 703.19	352 029.51	351 355.64	350 681.58	350 007.33
2 45 00	358 126.30	357 442.26	356 758.03	356 073.60	355 388.97
2 47 30	363 549.27	362 854.87	362 160.27	361 465.47	360 770.48
2 50 00	368 972.10	368 267.33	367 562.37	366 857.20	366 151.84
2 52 30	374 394.78	373 679.65	372 964.32	372 248.79	371 533.05
2 55 00	379 817.31	379 091.82	378 366.13	377 640.23	376 914.12
2 57 30	385 239.69	384 503.84	383 767.79	383 031.51	382 295.04
3 00 00	390 661.93	389 915.71	389 169.29	388 422.65	387 675.81

Second-difference correction to x' for indicated values of h and Δλ

Δλ \ h	0" 150"	15" 135"	30" 120"	45" 105"	60" 90"	75" 75"
0°	0	0	0	0	0	0
1°	0	+.01	+.01	+.01	+.01	+.01
2°	+.01	+.02	+.02	+.02	+.03	+.03
3°	+.01	+.02	+.03	+.04	+.04	+.04

Correction for k is negligible

ALASKA – ZONES 2 TO 9
STATE PLANE COORDINATES IN FEET – Y

Δλ \ φ	69 10 00	69 12 30	69 15 00	69 17 30	69 20 00
0 00 00	5544 508.61	5559 756.86	5575 005.19	5590 253.59	5605 502.06
0 02 30	5544 510.46	5559 758.70	5575 007.03	5590 255.42	5605 503.90
0 05 00	5544 515.99	5559 764.23	5575 012.54	5590 260.93	5605 509.39
0 07 30	5544 525.21	5559 773.44	5575 021.73	5590 270.10	5605 518.56
0 10 00	5544 538.12	5559 786.33	5575 034.60	5590 282.95	5605 531.38
0 12 30	5544 554.72	5559 802.90	5575 051.15	5590 299.47	5605 547.87
0 15 00	5544 575.02	5559 823.16	5575 071.38	5590 319.66	5605 568.03
0 17 30	5544 599.00	5559 847.10	5575 095.28	5590 343.52	5605 591.85
0 20 00	5544 626.66	5559 874.72	5575 122.85	5590 371.06	5605 619.34
0 22 30	5544 658.02	5559 906.03	5575 154.11	5590 402.26	5605 650.49
0 25 00	5544 693.07	5559 941.02	5575 189.04	5590 437.14	5605 685.31
0 27 30	5544 731.80	5559 979.69	5575 227.65	5590 475.68	5605 723.79
0 30 00	5544 774.22	5560 022.04	5575 269.93	5590 517.90	5605 765.94
0 32 30	5544 820.34	5560 068.08	5575 315.90	5590 563.78	5605 811.75
0 35 00	5544 870.14	5560 117.80	5575 365.54	5590 613.34	5605 861.23
0 37 30	5544 923.63	5560 171.21	5575 418.85	5590 666.57	5605 914.37
0 40 00	5544 980.81	5560 228.29	5575 475.85	5590 723.47	5605 971.17
0 42 30	5545 041.68	5560 289.06	5575 536.51	5590 784.04	5606 031.64
0 45 00	5545 106.24	5560 353.51	5575 600.86	5590 848.28	5606 095.78
0 47 30	5545 174.49	5560 421.65	5575 668.88	5590 916.19	5606 163.58
0 50 00	5545 246.43	5560 493.47	5575 740.59	5590 987.78	5606 235.04
0 52 30	5545 322.05	5560 568.97	5575 815.97	5591 063.03	5606 310.17
0 55 00	5545 401.37	5560 648.16	5575 895.02	5591 141.96	5606 388.97
0 57 30	5545 484.36	5560 731.02	5575 977.75	5591 224.55	5606 471.43
1 00 00	5545 571.06	5560 817.58	5576 064.16	5591 310.82	5606 557.55
1 02 30	5545 661.44	5560 907.81	5576 154.25	5591 400.76	5606 647.34
1 05 00	5545 755.51	5561 001.72	5576 248.01	5591 494.36	5606 740.80
1 07 30	5545 853.27	5561 099.32	5576 345.45	5591 591.64	5606 837.92
1 10 00	5545 954.72	5561 200.60	5576 446.56	5591 692.59	5606 938.70
1 12 30	5546 059.86	5561 305.57	5576 551.36	5591 797.21	5607 043.15
1 15 00	5546 168.68	5561 414.22	5576 659.83	5591 905.51	5607 151.26
1 17 30	5546 281.19	5561 526.55	5576 771.97	5592 017.47	5607 263.04
1 20 00	5546 397.40	5561 642.56	5576 887.80	5592 133.10	5607 378.48
1 22 30	5546 517.29	5561 762.26	5577 007.30	5592 252.41	5607 497.59
1 25 00	5546 640.87	5561 885.64	5577 130.48	5592 375.38	5607 620.36
1 27 30	5546 768.14	5562 012.70	5577 257.33	5592 502.03	5607 746.80
1 30 00	5546 899.10	5562 143.45	5577 387.86	5592 632.34	5607 876.90
1 32 30	5547 033.75	5562 277.87	5577 522.07	5592 766.33	5608 010.66
1 35 00	5547 172.08	5562 415.98	5577 659.95	5592 903.98	5608 148.09
1 37 30	5547 314.11	5562 557.78	5577 801.51	5593 045.31	5608 289.19
1 40 00	5547 459.82	5562 703.25	5577 946.75	5593 190.31	5608 433.95
1 42 30	5547 609.23	5562 852.41	5578 095.66	5593 338.98	5608 582.37
1 45 00	5547 762.32	5563 005.25	5578 248.25	5593 491.32	5608 734.46
1 47 30	5547 919.10	5563 161.77	5578 404.52	5593 647.33	5608 890.21
1 50 00	5548 079.57	5563 321.98	5578 564.46	5593 807.01	5609 049.63
1 52 30	5548 243.72	5563 485.87	5578 728.08	5593 970.36	5609 212.71
1 55 00	5548 411.57	5563 653.44	5578 895.38	5594 137.38	5609 379.46
1 57 30	5548 583.10	5563 824.70	5579 066.35	5594 308.08	5609 549.87
2 00 00	5548 758.32	5563 999.63	5579 241.00	5594 482.44	5609 723.94
2 02 30	5548 937.23	5564 178.25	5579 419.33	5594 660.47	5609 901.68
2 05 00	5549 119.84	5564 360.55	5579 601.33	5594 842.18	5610 083.09
2 07 30	5549 306.13	5564 546.53	5579 787.01	5595 027.55	5610 268.16
2 10 00	5549 496.10	5564 736.20	5579 976.37	5595 216.59	5610 456.89
2 12 30	5549 689.77	5564 929.55	5580 169.40	5595 409.31	5610 649.28
2 15 00	5549 887.12	5565 126.58	5580 366.10	5595 605.69	5610 845.34
2 17 30	5550 088.16	5565 327.29	5580 566.49	5595 805.75	5611 045.07
2 20 00	5550 292.89	5565 531.69	5580 770.55	5596 009.47	5611 248.46
2 22 30	5550 501.31	5565 739.77	5580 978.29	5596 216.86	5611 455.51
2 25 00	5550 713.42	5565 951.53	5581 189.70	5596 427.93	5611 666.23
2 27 30	5550 929.21	5566 166.97	5581 404.79	5596 642.67	5611 880.61
2 30 00	5551 148.70	5566 386.09	5581 623.55	5596 861.08	5612 098.66
2 32 30	5551 371.87	5566 608.90	5581 846.00	5597 083.15	5612 320.37
2 35 00	5551 598.73	5566 835.39	5582 072.11	5597 308.89	5612 545.74
2 37 30	5551 829.27	5567 065.56	5582 301.91	5597 538.31	5612 774.78
2 40 00	5552 063.51	5567 299.42	5582 535.38	5597 771.40	5613 007.48
2 42 30	5552 301.43	5567 536.95	5582 772.52	5598 008.15	5613 243.85
2 45 00	5552 543.05	5567 778.17	5583 013.35	5598 248.58	5613 483.88
2 47 30	5552 788.35	5568 023.07	5583 257.85	5598 492.68	5613 727.57
2 50 00	5553 037.33	5568 271.65	5583 506.02	5598 740.44	5613 974.93
2 52 30	5553 290.01	5568 523.91	5583 757.87	5598 991.88	5614 225.95
2 55 00	5553 546.38	5568 779.86	5584 013.39	5599 246.98	5614 480.63
2 57 30	5553 806.43	5569 039.48	5584 272.60	5599 505.76	5614 738.98
3 00 00	5554 070.17	5569 302.79	5584 535.47	5599 768.20	5615 000.99

Second-difference correction to y for indicated value of k (for all Δλ's)

k	0" 150"	5" 145"	10" 140"	15" 135"	20" 130"	25" 125"	30" 120"	35" 115"	40" 110"	45" 105"	50" 100"	55" 95"	60" 90"	65" 85"	70" 80"	75" 75"
Correction	-.01	-.07	-.12	-.17	-.22	-.26	-.30	-.34	-.37	-.40	-.42	-.44	-.45	-.46	-.47	-.47

Correction for h is negligible

ALASKA – ZONES 2 TO 9
STATE PLANE COORDINATES IN FEET – X'

Δλ \ φ	69 20 00	69 22 30	69 25 00	69 27 30	69 30 00
0 00 00	0.00	0.00	0.00	0.00	0.00
0 02 30	5 386.24	5 375.86	5 365.48	5 355.09	5 344.71
0 05 00	10 772.47	10 751.71	10 730.95	10 710.19	10 689.41
0 07 30	16 158.69	16 127.56	16 096.42	16 065.28	16 034.12
0 10 00	21 544.91	21 503.41	21 461.89	21 420.36	21 378.82
0 12 30	26 931.13	26 879.24	26 827.34	26 775.43	26 723.50
0 15 00	32 317.33	32 255.07	32 192.79	32 130.49	32 068.18
0 17 30	37 703.52	37 630.88	37 558.22	37 485.54	37 412.85
0 20 00	43 089.69	43 006.68	42 923.64	42 840.58	42 757.49
0 22 30	48 475.85	48 382.46	48 289.04	48 195.60	48 102.12
0 25 00	53 861.99	53 758.22	53 654.42	53 550.59	53 446.74
0 27 30	59 248.10	59 133.96	59 019.78	58 905.57	58 791.33
0 30 00	64 634.19	64 509.67	64 385.12	64 260.52	64 135.90
0 32 30	70 020.26	69 885.36	69 750.43	69 615.45	69 480.44
0 35 00	75 406.30	75 261.03	75 115.71	74 970.35	74 824.96
0 37 30	80 792.31	80 636.66	80 480.96	80 325.22	80 169.44
0 40 00	86 178.29	86 012.26	85 846.19	85 680.06	85 513.89
0 42 30	91 564.23	91 387.83	91 211.37	91 034.86	90 858.32
0 45 00	96 950.14	96 763.36	96 576.52	96 389.64	96 202.69
0 47 30	102 336.01	102 138.85	101 941.63	101 744.36	101 547.04
0 50 00	107 721.84	107 514.30	107 306.70	107 099.05	106 891.34
0 52 30	113 107.62	112 889.71	112 671.73	112 453.70	112 235.61
0 55 00	118 493.36	118 265.07	118 036.72	117 808.30	117 579.82
0 57 30	123 879.05	123 640.39	123 401.66	123 162.86	122 923.99
1 00 00	129 264.70	129 015.65	128 766.54	128 517.36	128 268.11
1 02 30	134 650.29	134 390.87	134 131.38	133 871.82	133 612.18
1 05 00	140 035.83	139 766.03	139 496.16	139 226.21	138 956.20
1 07 30	145 421.31	145 141.14	144 060.89	144 580.56	144 300.15
1 10 00	150 806.74	150 516.19	150 225.56	149 934.85	149 644.06
1 12 30	156 192.10	155 891.18	155 590.17	155 289.08	154 987.90
1 15 00	161 577.41	161 266.10	160 954.72	160 643.24	160 331.68
1 17 30	166 962.65	166 640.97	166 319.20	165 997.35	165 675.40
1 20 00	172 347.82	172 015.76	171 683.62	171 351.38	171 019.05
1 22 30	177 732.93	177 390.49	177 047.97	176 705.35	176 362.63
1 25 00	183 117.96	182 765.15	182 412.25	182 059.25	181 706.15
1 27 30	188 502.92	188 139.74	187 776.46	187 413.07	187 049.59
1 30 00	193 887.80	193 514.25	193 140.59	192 766.82	192 392.95
1 32 30	199 272.62	198 888.68	198 504.64	198 120.50	197 736.24
1 35 00	204 657.35	204 263.04	203 868.62	203 474.09	203 079.45
1 37 30	210 041.99	209 637.31	209 232.51	208 827.60	208 422.58
1 40 00	215 426.56	215 011.50	214 596.32	214 181.03	213 765.63
1 42 30	220 811.04	220 385.60	219 960.05	219 534.37	219 108.58
1 45 00	226 195.43	225 759.62	225 323.68	224 887.63	224 451.45
1 47 30	231 579.73	231 133.54	230 687.24	230 240.80	229 794.24
1 50 00	236 963.95	236 507.38	236 050.69	235 593.87	235 136.93
1 52 30	242 348.06	241 881.12	241 414.05	240 946.85	240 479.53
1 55 00	247 732.08	247 254.76	246 777.32	246 299.74	245 822.03
1 57 30	253 116.01	252 628.31	252 140.49	251 652.53	251 164.43
2 00 00	258 499.82	258 001.76	257 503.56	257 005.21	256 506.73
2 02 30	263 883.54	263 375.10	262 866.52	262 357.80	261 848.93
2 05 00	269 267.16	268 748.34	268 229.38	267 710.28	267 191.03
2 07 30	274 650.67	274 121.47	273 592.14	273 062.65	272 533.02
2 10 00	280 034.06	279 494.49	278 954.78	278 414.92	277 874.90
2 12 30	285 417.35	284 867.41	284 317.32	283 767.07	283 216.67
2 15 00	290 800.52	290 240.20	289 679.73	289 119.11	288 558.33
2 17 30	296 183.58	295 612.89	295 042.04	294 471.03	293 899.86
2 20 00	301 566.52	300 985.45	300 404.23	299 822.84	299 241.29
2 22 30	306 949.34	306 357.90	305 766.29	305 174.52	304 582.59
2 25 00	312 332.04	311 730.22	311 128.24	310 526.09	309 923.77
2 27 30	317 714.61	317 102.42	316 490.06	315 877.53	315 264.84
2 30 00	323 097.06	322 474.50	321 851.76	321 228.85	320 605.77
2 32 30	328 479.38	327 846.44	327 213.33	326 580.04	325 946.57
2 35 00	333 861.57	333 218.25	332 574.76	331 931.09	331 287.25
2 37 30	339 243.63	338 589.94	337 936.07	337 282.02	336 627.79
2 40 00	344 625.54	343 961.48	343 297.24	342 632.81	341 968.20
2 42 30	350 007.33	349 332.89	348 658.27	347 983.46	347 308.47
2 45 00	355 388.97	354 704.17	354 019.17	353 333.98	352 648.61
2 47 30	360 770.48	360 075.29	359 379.92	358 684.35	357 988.60
2 50 00	366 151.84	365 446.28	364 740.53	364 034.59	363 328.44
2 52 30	371 533.05	370 817.12	370 101.00	369 384.67	368 668.15
2 55 00	376 914.12	376 187.82	375 461.32	374 734.61	374 007.71
2 57 30	382 295.04	381 558.36	380 821.48	380 084.40	379 347.11
3 00 00	387 675.81	386 928.75	386 181.50	385 434.04	384 686.37

Second-difference correction to x' for indicated values of h and Δλ

Δλ \ h	0" 150"	15" 135"	30" 120"	45" 105"	60" 90"	75" 75"
0°	0	0	0	0	0	0
1°	0	+.01	+.01	+.01	+.01	+.01
2°	+.01	+.02	+.02	+.02	+.03	+.03
3°	+.01	+.02	+.03	+.04	+.04	+.04

Correction for k is negligible

ALASKA – ZONES 2 TO 9
STATE PLANE COORDINATES IN FEET – Y

Δλ \ φ	69 20 00	69 22 30	69 25 00	69 27 30	69 30 00
0 00 00	5605 502.06	5620 750.61	5635 999.24	5651 247.94	5666 496.71
0 02 30	5605 503.90	5620 752.44	5636 001.06	5651 249.76	5666 498.54
0 05 00	5605 509.39	5620 757.93	5636 006.54	5651 255.23	5666 503.99
0 07 30	5605 518.56	5620 767.08	5636 015.67	5651 264.35	5666 513.10
0 10 00	5605 531.38	5620 779.88	5636 028.46	5651 277.11	5666 525.84
0 12 30	5605 547.87	5620 796.35	5636 044.90	5651 293.52	5666 542.22
0 15 00	5605 568.03	5620 816.47	5636 064.99	5651 313.58	5666 562.25
0 17 30	5605 591.85	5620 840.25	5636 088.73	5651 337.28	5666 585.91
0 20 00	5605 619.34	5620 867.69	5636 116.13	5651 364.63	5666 613.21
0 22 30	5605 650.49	5620 898.80	5636 147.18	5651 395.63	5666 644.16
0 25 00	5605 685.31	5620 933.55	5636 181.88	5651 430.27	5666 678.74
0 27 30	5605 723.79	5620 971.97	5636 220.23	5651 468.56	5666 716.97
0 30 00	5605 765.94	5621 014.05	5636 262.24	5651 510.50	5666 758.84
0 32 30	5605 811.75	5621 059.78	5636 307.90	5651 556.08	5666 804.35
0 35 00	5605 861.23	5621 109.18	5636 357.21	5651 605.31	5666 853.50
0 37 30	5605 914.37	5621 162.23	5636 410.18	5651 658.19	5666 906.29
0 40 00	5605 971.17	5621 218.95	5636 466.79	5651 714.72	5666 962.72
0 42 30	5606 031.64	5621 279.31	5636 527.06	5651 774.88	5667 022.78
0 45 00	5606 095.78	5621 343.34	5636 590.99	5651 838.70	5667 086.49
0 47 30	5606 163.58	5621 411.03	5636 658.56	5651 906.17	5667 153.85
0 50 00	5606 235.04	5621 482.38	5636 729.79	5651 977.28	5667 224.84
0 52 30	5606 310.17	5621 557.39	5636 804.67	5652 052.04	5667 299.47
0 55 00	5606 388.97	5621 636.05	5636 883.21	5652 130.44	5667 377.74
0 57 30	5606 471.43	5621 718.38	5636 965.39	5652 212.49	5667 459.66
1 00 00	5606 557.55	5621 804.36	5637 051.24	5652 298.19	5667 545.21
1 02 30	5606 647.34	5621 894.00	5637 140.73	5652 387.53	5667 634.41
1 05 00	5606 740.80	5621 987.30	5637 233.87	5652 480.52	5667 727.24
1 07 30	5606 837.92	5622 084.26	5637 330.67	5652 577.16	5667 823.72
1 10 00	5606 938.70	5622 184.87	5637 431.12	5652 677.44	5667 923.83
1 12 30	5607 043.15	5622 289.15	5637 535.22	5652 781.37	5668 027.59
1 15 00	5607 151.26	5622 397.08	5637 642.98	5652 888.95	5668 134.99
1 17 30	5607 263.04	5622 508.68	5637 754.38	5653 000.17	5668 246.02
1 20 00	5607 378.46	5622 623.92	5637 869.45	5653 115.04	5668 360.70
1 22 30	5607 497.59	5622 742.84	5637 988.16	5653 233.55	5668 479.02
1 25 00	5607 620.36	5622 865.41	5638 110.52	5653 355.71	5668 600.98
1 27 30	5607 746.80	5622 991.63	5638 236.54	5653 481.52	5668 726.58
1 30 00	5607 876.90	5623 121.52	5638 366.21	5653 610.98	5668 855.81
1 32 30	5608 010.66	5623 255.06	5638 499.54	5653 744.08	5668 988.69
1 35 00	5608 148.09	5623 392.27	5638 636.51	5653 880.83	5669 125.21
1 37 30	5608 289.19	5623 533.13	5638 777.14	5654 021.22	5669 265.37
1 40 00	5608 433.95	5623 677.65	5638 921.42	5654 165.26	5669 409.18
1 42 30	5608 582.37	5623 825.83	5639 069.35	5654 312.95	5669 556.61
1 45 00	5608 734.46	5623 977.66	5639 220.94	5654 464.28	5669 707.69
1 47 30	5608 890.21	5624 133.16	5639 376.17	5654 619.26	5669 862.41
1 50 00	5609 049.63	5624 292.31	5639 535.06	5654 777.89	5670 020.78
1 52 30	5609 212.71	5624 455.13	5639 697.60	5654 940.16	5670 182.78
1 55 00	5609 379.46	5624 621.59	5639 863.80	5655 106.07	5670 348.42
1 57 30	5609 549.87	5624 791.72	5640 033.65	5655 275.64	5670 517.70
2 00 00	5609 723.94	5624 965.51	5640 207.14	5655 448.85	5670 690.62
2 02 30	5609 901.68	5625 142.96	5640 384.30	5655 625.71	5670 867.18
2 05 00	5610 083.09	5625 324.06	5640 565.10	5655 806.21	5671 047.38
2 07 30	5610 268.16	5625 508.82	5640 749.55	5655 990.36	5671 231.23
2 10 00	5610 456.89	5625 697.24	5640 937.66	5656 178.15	5671 418.71
2 12 30	5610 649.28	5625 889.32	5641 129.42	5656 369.60	5671 609.83
2 15 00	5610 845.34	5626 085.06	5641 324.84	5656 564.68	5671 804.59
2 17 30	5611 045.07	5626 284.45	5641 523.90	5656 763.41	5672 002.99
2 20 00	5611 248.46	5626 487.50	5641 726.62	5656 965.79	5672 205.03
2 22 30	5611 455.51	5626 694.22	5641 932.98	5657 171.82	5672 410.71
2 25 00	5611 666.23	5626 904.59	5642 143.00	5657 381.49	5672 620.03
2 27 30	5611 880.61	5627 118.61	5642 356.67	5657 594.80	5672 832.99
2 30 00	5612 098.66	5627 336.30	5642 574.00	5657 811.76	5673 049.59
2 32 30	5612 320.37	5627 557.64	5642 794.97	5658 032.37	5673 269.83
2 35 00	5612 545.74	5627 782.64	5643 019.60	5658 256.63	5673 493.71
2 37 30	5612 774.78	5628 011.30	5643 247.88	5658 484.53	5673 721.23
2 40 00	5613 007.48	5628 243.61	5643 479.81	5658 716.07	5673 952.39
2 42 30	5613 243.85	5628 479.59	5643 715.40	5658 951.26	5674 187.19
2 45 00	5613 483.88	5628 719.22	5643 954.63	5659 190.10	5674 425.63
2 47 30	5613 727.57	5628 962.51	5644 197.52	5659 432.58	5674 667.71
2 50 00	5613 974.93	5629 209.46	5644 444.06	5659 678.71	5674 913.43
2 52 30	5614 225.95	5629 460.07	5644 694.24	5659 928.48	5675 162.78
2 55 00	5614 480.63	5629 714.33	5644 948.09	5660 181.90	5675 415.78
2 57 30	5614 738.98	5629 972.25	5645 205.58	5660 438.97	5675 672.41
3 00 00	5615 000.99	5630 233.83	5645 466.72	5660 699.68	5675 932.69

Second-difference correction to y for indicated value of k (for all Δλ's)

k	0" 150"	5" 145"	10" 140"	15" 135"	20" 130"	25" 125"	30" 120"	35" 115"	40" 110"	45" 105"	50" 100"	55" 95"	60" 90"	65" 85"	70" 80"	75" 75"
Correction	-.01	-.07	-.12	-.17	-.22	-.26	-.30	-.34	-.37	-.40	-.42	-.44	-.45	-.46	-.47	-.47

Correction for h is negligible

ALASKA – ZONES 2 TO 9
STATE PLANE COORDINATES IN FEET – X'

Δλ \ φ	69 30 00	69 32 30	69 35 00	69 37 30	69 40 00
0 00 00	0.00	0.00	0.00	0.00	0.00
0 02 30	5 344.71	5 334.32	5 323.93	5 313.54	5 303.14
0 05 00	10 689.41	10 668.64	10 647.86	10 627.07	10 606.27
0 07 30	16 034.12	16 002.95	15 971.78	15 940.60	15 909.41
0 10 00	21 378.82	21 337.26	21 295.70	21 254.12	21 212.53
0 12 30	26 723.50	26 671.56	26 619.60	26 567.63	26 515.65
0 15 00	32 068.18	32 005.85	31 943.50	31 881.14	31 818.76
0 17 30	37 412.85	37 340.13	37 267.39	37 194.63	37 121.85
0 20 00	42 757.49	42 674.39	42 591.26	42 508.10	42 424.93
0 22 30	48 102.12	48 008.63	47 915.11	47 821.56	47 727.99
0 25 00	53 446.74	53 342.86	53 238.94	53 135.00	53 031.03
0 27 30	58 791.33	58 677.06	58 562.75	58 448.42	58 334.05
0 30 00	64 135.90	64 011.24	63 886.54	63 761.81	63 637.05
0 32 30	69 480.44	69 345.39	69 210.30	69 075.18	68 940.02
0 35 00	74 824.96	74 679.52	74 534.04	74 388.52	74 242.97
0 37 30	80 169.44	80 013.62	79 857.75	79 701.84	79 545.88
0 40 00	85 513.89	85 347.68	85 181.42	85 015.12	84 848.76
0 42 30	90 858.32	90 681.71	90 505.06	90 328.36	90 151.61
0 45 00	96 202.69	96 015.71	95 828.66	95 641.57	95 454.43
0 47 30	101 547.04	101 349.66	101 152.23	100 954.74	100 757.20
0 50 00	106 891.34	106 683.58	106 475.75	106 267.87	106 059.94
0 52 30	112 235.61	112 017.45	111 799.24	111 580.96	111 362.63
0 55 00	117 579.82	117 351.28	117 122.67	116 894.01	116 665.27
0 57 30	122 923.99	122 685.06	122 446.06	122 207.00	121 967.87
1 00 00	128 268.11	128 018.79	127 769.40	127 519.95	127 270.42
1 02 30	133 612.18	133 352.47	133 092.70	132 832.85	132 572.92
1 05 00	138 956.20	138 686.10	138 415.93	138 145.69	137 875.37
1 07 30	144 300.15	144 019.68	143 739.12	143 458.48	143 177.76
1 10 00	149 644.06	149 353.19	149 062.24	148 771.21	148 480.10
1 12 30	154 987.90	154 686.64	154 385.30	154 083.88	153 782.37
1 15 00	160 331.68	160 020.04	159 708.31	159 396.49	159 084.59
1 17 30	165 675.40	165 353.37	165 031.25	164 709.03	164 386.73
1 20 00	171 019.05	170 686.63	170 354.12	170 021.51	169 688.81
1 22 30	176 362.63	176 019.83	175 676.93	175 333.92	174 990.83
1 25 00	181 706.15	181 352.95	180 999.66	180 646.27	180 292.78
1 27 30	187 049.59	186 686.00	186 322.32	185 958.53	185 594.65
1 30 00	192 392.95	192 018.98	191 644.91	191 270.73	190 896.45
1 32 30	197 736.24	197 351.88	196 967.42	196 582.85	196 198.17
1 35 00	203 079.45	202 684.70	202 289.85	201 894.88	201 499.81
1 37 30	208 422.58	208 017.44	207 612.20	207 206.84	206 801.37
1 40 00	213 765.63	213 350.10	212 934.47	212 518.72	212 102.85
1 42 30	219 108.58	218 682.68	218 256.65	217 830.51	217 404.25
1 45 00	224 451.45	224 015.16	223 578.74	223 142.21	222 705.55
1 47 30	229 794.24	229 347.55	228 900.75	228 453.82	228 006.77
1 50 00	235 136.93	234 679.86	234 222.66	233 765.34	233 307.89
1 52 30	240 479.53	240 012.07	239 544.48	239 076.77	238 608.93
1 55 00	245 822.03	245 344.18	244 866.21	244 388.10	243 909.86
1 57 30	251 164.43	250 676.20	250 187.84	249 699.34	249 210.70
2 00 00	256 506.73	256 008.12	255 509.36	255 010.47	254 511.44
2 02 30	261 848.93	261 339.93	260 830.79	260 321.50	259 812.08
2 05 00	267 191.03	266 671.64	266 152.11	265 632.43	265 112.61
2 07 30	272 533.02	272 003.25	271 473.32	270 943.25	270 413.04
2 10 00	277 874.90	277 334.73	276 794.42	276 253.96	275 713.35
2 12 30	283 216.67	282 666.12	282 115.42	281 564.56	281 013.56
2 15 00	288 558.33	287 997.39	287 436.30	286 875.05	286 313.65
2 17 30	293 899.86	293 328.54	292 757.07	292 185.43	291 613.63
2 20 00	299 241.29	298 659.58	298 077.71	297 495.68	296 913.50
2 22 30	304 582.59	303 990.50	303 398.24	302 805.82	302 213.24
2 25 00	309 923.77	309 321.29	308 718.65	308 115.83	307 512.86
2 27 30	315 264.84	314 651.97	314 038.93	313 425.73	312 812.36
2 30 00	320 605.77	319 982.51	319 359.09	318 735.49	318 111.73
2 32 30	325 946.57	325 312.93	324 679.12	324 045.14	323 410.98
2 35 00	331 287.25	330 643.22	329 999.02	329 354.64	328 710.09
2 37 30	336 627.79	335 973.38	335 318.79	334 664.02	334 009.07
2 40 00	341 968.20	341 303.40	340 638.43	339 973.27	339 307.92
2 42 30	347 308.47	346 633.29	345 957.92	345 282.37	344 606.63
2 45 00	352 648.61	351 963.04	351 277.28	350 591.34	349 905.21
2 47 30	357 988.60	357 292.64	356 596.50	355 900.17	355 203.64
2 50 00	363 328.44	362 622.10	361 915.58	361 208.85	360 501.93
2 52 30	368 668.15	367 951.43	367 234.51	366 517.39	365 800.08
2 55 00	374 007.71	373 280.60	372 553.29	371 825.79	371 098.08
2 57 30	379 347.11	378 609.62	377 871.93	377 134.03	376 395.93
3 00 00	384 686.37	383 938.49	383 190.41	382 442.12	381 693.63

Second-difference correction to x' for indicated values of h and Δλ

Δλ \ h	0" 150"	15" 135"	30" 120"	45" 105"	60" 90"	75" 75"
0°	0	0	0	0	0	0
1°	0	+.01	+.01	+.01	+.01	+.01
2°	+.01	+.02	+.02	+.02	+.03	+.03
3°	+.01	+.02	+.03	+.04	+.04	+.04

Correction for k is negligible

ALASKA – ZONES 2 TO 9
STATE PLANE COORDINATES IN FEET – Y

Δλ \ φ	69 30 00	69 32 30	69 35 00	69 37 30	69 40 00
0 00 00	5666 496.71	5681 745.56	5696 994.48	5712 243.48	5727 492.55
0 02 30	5666 498.54	5681 747.38	5696 996.30	5712 245.29	5727 494.35
0 05 00	5666 503.99	5681 752.83	5697 001.74	5712 250.72	5727 499.78
0 07 30	5666 513.10	5681 761.91	5697 010.81	5712 259.78	5727 508.82
0 10 00	5666 525.84	5681 774.64	5697 023.51	5712 272.46	5727 521.48
0 12 30	5666 542.22	5681 790.99	5697 039.84	5712 288.76	5727 537.75
0 15 00	5666 562.25	5681 810.98	5697 059.79	5712 308.68	5727 557.64
0 17 30	5666 585.91	5681 834.60	5697 083.38	5712 332.23	5727 581.15
0 20 00	5666 613.21	5681 861.86	5697 110.59	5712 359.39	5727 608.27
0 22 30	5666 644.16	5681 892.76	5697 141.43	5712 390.19	5727 639.00
0 25 00	5666 678.74	5681 927.29	5697 175.90	5712 424.60	5727 673.36
0 27 30	5666 716.97	5681 965.45	5697 214.00	5712 462.63	5727 711.33
0 30 00	5666 758.84	5682 007.25	5697 255.73	5712 504.29	5727 752.92
0 32 30	5666 804.35	5682 052.68	5697 301.09	5712 549.57	5727 798.12
0 35 00	5666 853.50	5682 101.75	5697 350.07	5712 598.47	5727 846.94
0 37 30	5666 906.29	5682 154.45	5697 402.68	5712 651.00	5727 899.37
0 40 00	5666 962.72	5682 210.78	5697 458.92	5712 707.14	5727 955.43
0 42 30	5667 022.78	5682 270.75	5697 518.79	5712 766.91	5728 015.09
0 45 00	5667 086.49	5682 334.35	5697 582.29	5712 830.30	5728 078.37
0 47 30	5667 153.85	5682 401.59	5697 649.41	5712 897.31	5728 145.28
0 50 00	5667 224.84	5682 472.47	5697 720.17	5712 967.95	5728 215.79
0 52 30	5667 299.47	5682 546.97	5697 794.55	5713 042.21	5728 289.92
0 55 00	5667 377.74	5682 625.11	5697 872.56	5713 120.08	5728 367.67
0 57 30	5667 459.66	5682 706.89	5697 954.20	5713 201.58	5728 449.03
1 00 00	5667 545.21	5682 792.30	5698 039.47	5713 286.71	5728 534.02
1 02 30	5667 634.41	5682 881.35	5698 128.36	5713 375.45	5728 622.61
1 05 00	5667 727.24	5682 974.03	5698 220.89	5713 467.82	5728 714.82
1 07 30	5667 823.72	5683 070.34	5698 317.04	5713 563.81	5728 810.65
1 10 00	5667 923.83	5683 170.29	5698 416.82	5713 663.43	5728 910.10
1 12 30	5668 027.59	5683 273.87	5698 520.23	5713 766.66	5729 013.16
1 15 00	5668 134.99	5683 381.09	5698 627.27	5713 873.52	5729 119.84
1 17 30	5668 246.02	5683 491.94	5698 737.93	5713 984.00	5729 230.13
1 20 00	5668 360.70	5683 606.43	5698 852.23	5714 098.10	5729 344.04
1 22 30	5668 479.02	5683 724.55	5698 970.15	5714 215.82	5729 461.56
1 25 00	5668 600.98	5683 846.30	5699 091.70	5714 337.17	5729 582.70
1 27 30	5668 726.58	5683 971.69	5699 216.88	5714 462.14	5729 707.46
1 30 00	5668 855.81	5684 100.71	5699 345.68	5714 590.73	5729 835.83
1 32 30	5668 988.69	5684 233.37	5699 478.12	5714 722.94	5729 967.82
1 35 00	5669 125.21	5684 369.66	5699 614.18	5714 858.77	5730 103.42
1 37 30	5669 265.37	5684 509.59	5699 753.87	5714 998.23	5730 242.65
1 40 00	5669 409.18	5684 653.14	5699 897.19	5715 141.30	5730 385.48
1 42 30	5669 556.61	5684 800.34	5700 044.14	5715 288.00	5730 531.93
1 45 00	5669 707.69	5684 951.17	5700 194.71	5715 438.32	5730 682.00
1 47 30	5669 862.41	5685 105.63	5700 348.91	5715 592.27	5730 835.68
1 50 00	5670 020.78	5685 263.73	5700 506.75	5715 749.83	5730 992.98
1 52 30	5670 182.78	5685 425.45	5700 668.20	5715 911.02	5731 153.90
1 55 00	5670 348.42	5685 590.82	5700 833.29	5716 075.83	5731 318.43
1 57 30	5670 517.70	5685 759.82	5701 002.00	5716 244.26	5731 486.57
2 00 00	5670 690.62	5685 932.45	5701 174.35	5716 416.31	5731 658.34
2 02 30	5670 867.18	5686 108.72	5701 350.32	5716 591.98	5731 833.71
2 05 00	5671 047.38	5686 288.61	5701 529.92	5716 771.28	5732 012.71
2 07 30	5671 231.23	5686 472.15	5701 713.14	5716 954.20	5732 195.32
2 10 00	5671 418.71	5686 659.32	5701 899.99	5717 140.74	5732 381.54
2 12 30	5671 609.83	5686 850.12	5702 090.48	5717 330.90	5732 571.38
2 15 00	5671 804.59	5687 044.55	5702 284.59	5717 524.68	5732 764.83
2 17 30	5672 002.99	5687 242.62	5702 482.32	5717 722.08	5732 961.91
2 20 00	5672 205.03	5687 444.33	5702 683.69	5717 923.11	5733 162.59
2 22 30	5672 410.71	5687 649.66	5702 888.68	5718 127.76	5733 366.89
2 25 00	5672 620.03	5687 858.63	5703 097.30	5718 336.03	5733 574.81
2 27 30	5672 832.99	5688 071.24	5703 309.55	5718 547.92	5733 786.34
2 30 00	5673 049.59	5688 287.47	5703 525.42	5718 763.43	5734 001.49
2 32 30	5673 269.83	5688 507.35	5703 744.92	5718 982.56	5734 220.25
2 35 00	5673 493.71	5688 730.85	5703 968.06	5719 205.31	5734 442.63
2 37 30	5673 721.23	5688 957.99	5704 194.81	5719 431.69	5734 668.63
2 40 00	5673 952.39	5689 188.76	5704 425.19	5719 661.69	5734 898.23
2 42 30	5674 187.19	5689 423.17	5704 659.21	5719 895.31	5735 131.46
2 45 00	5674 425.63	5689 661.21	5704 896.85	5720 132.54	5735 368.30
2 47 30	5674 667.71	5689 902.88	5705 138.11	5720 373.40	5735 608.75
2 50 00	5674 913.43	5690 148.19	5705 383.01	5720 617.89	5735 852.82
2 52 30	5675 162.78	5690 397.13	5705 631.53	5720 865.99	5736 100.51
2 55 00	5675 415.78	5690 649.70	5705 883.68	5721 117.71	5736 351.80
2 57 30	5675 672.41	5690 905.90	5706 139.46	5721 373.06	5736 606.72
3 00 00	5675 932.69	5691 165.75	5706 398.86	5721 632.03	5736 865.24

Second-difference correction to y for indicated value of k (for all Δλ's)

k	0" 150"	5" 145"	10" 140"	15" 135"	20" 130"	25" 125"	30" 120"	35" 115"	40" 110"	45" 105"	50" 100"	55" 95"	60" 90"	65" 85"	70" 80"	75" 75"
Correction	-.01	-.07	-.12	-.17	-.22	-.26	-.30	-.33	-.36	-.38	-.40	-.42	-.44	-.45	-.45	-.45

Correction for h is negligible

ALASKA – ZONES 2 TO 9
STATE PLANE COORDINATES IN FEET – X'

Δλ \ φ	69 40 00	69 42 30	69 45 00	69 47 30	69 50 00
0 00 00	0.00	0.00	0.00	0.00	0.00
0 02 30	5 303.14	5 292.74	5 282.34	5 271.93	5 261.52
0 05 00	10 606.27	10 585.47	10 564.67	10 543.86	10 523.04
0 07 30	15 909.41	15 878.21	15 847.00	15 815.78	15 784.56
0 10 00	21 212.53	21 170.93	21 129.32	21 087.70	21 046.06
0 12 30	26 515.65	26 463.65	26 411.64	26 359.61	26 307.57
0 15 00	31 818.76	31 756.36	31 693.94	31 631.51	31 569.06
0 17 30	37 121.85	37 049.05	36 976.23	36 903.39	36 830.53
0 20 00	42 424.93	42 341.73	42 258.51	42 175.26	42 092.00
0 22 30	47 727.99	47 634.39	47 540.76	47 447.11	47 353.44
0 25 00	53 031.03	52 927.03	52 823.00	52 718.95	52 614.87
0 27 30	58 334.05	58 219.65	58 105.22	57 990.76	57 876.27
0 30 00	63 637.05	63 512.25	63 387.42	63 262.55	63 137.65
0 32 30	68 940.02	68 804.83	68 669.59	68 534.32	68 399.01
0 35 00	74 242.97	74 097.37	73 951.73	73 806.05	73 660.33
0 37 30	79 545.88	79 389.89	79 233.84	79 077.76	78 921.64
0 40 00	84 848.76	84 682.37	84 515.92	84 349.43	84 182.91
0 42 30	90 151.61	89 974.82	89 797.97	89 621.08	89 444.14
0 45 00	95 454.43	95 267.23	95 079.98	94 892.68	94 705.34
0 47 30	100 757.20	100 559.61	100 361.95	100 164.25	99 966.49
0 50 00	106 059.94	105 851.94	105 643.89	105 435.78	105 227.61
0 52 30	111 362.63	111 144.23	110 925.78	110 707.26	110 488.69
0 55 00	116 665.27	116 436.48	116 207.62	115 978.70	115 749.72
0 57 30	121 967.87	121 728.68	121 489.42	121 250.09	121 010.70
1 00 00	127 270.42	127 020.83	126 771.17	126 521.44	126 271.64
1 02 30	132 572.92	132 312.93	132 052.87	131 792.73	131 532.53
1 05 00	137 875.37	137 604.98	137 334.52	137 063.97	136 793.36
1 07 30	143 177.76	142 896.97	142 616.10	142 335.16	142 054.14
1 10 00	148 480.10	148 188.91	147 897.63	147 606.28	147 314.86
1 12 30	153 782.37	153 480.78	153 179.11	152 877.35	152 575.52
1 15 00	159 084.59	158 772.60	158 460.52	158 148.36	157 836.11
1 17 30	164 386.73	164 064.34	163 741.87	163 419.30	163 096.65
1 20 00	169 688.81	169 356.03	169 023.15	168 690.18	168 357.12
1 22 30	174 990.83	174 647.65	174 304.37	173 960.99	173 617.52
1 25 00	180 292.78	179 939.19	179 585.51	179 231.73	178 877.85
1 27 30	185 594.65	185 230.67	184 866.58	184 502.39	184 138.12
1 30 00	190 896.45	190 522.06	190 147.58	189 772.99	189 398.30
1 32 30	196 198.17	195 813.39	195 428.50	195 043.51	194 658.41
1 35 00	201 499.81	201 104.63	200 709.34	200 313.94	199 918.44
1 37 30	206 801.37	206 395.79	205 990.10	205 584.30	205 178.39
1 40 00	212 102.85	211 686.88	211 270.78	210 854.57	210 438.26
1 42 30	217 404.25	216 977.87	216 551.38	216 124.76	215 698.04
1 45 00	222 705.55	222 268.77	221 831.88	221 394.87	220 957.73
1 47 30	228 006.77	227 559.59	227 112.30	226 664.88	226 217.34
1 50 00	233 307.89	232 850.32	232 392.62	231 934.80	231 476.85
1 52 30	238 608.93	238 140.96	237 672.86	237 204.63	236 736.28
1 55 00	243 909.86	243 431.49	242 953.00	242 474.36	241 995.60
1 57 30	249 210.70	248 721.94	248 233.03	247 744.00	247 254.83
2 00 00	254 511.44	254 012.28	253 512.97	253 013.53	252 513.96
2 02 30	259 812.08	259 302.52	258 792.81	258 282.97	257 772.99
2 05 00	265 112.61	264 592.65	264 072.55	263 552.30	263 031.91
2 07 30	270 413.04	269 882.68	269 352.17	268 821.52	268 290.73
2 10 00	275 713.35	275 172.60	274 631.69	274 090.64	273 549.44
2 12 30	281 013.56	280 462.40	279 911.10	279 359.64	278 808.03
2 15 00	286 313.65	285 752.10	285 190.39	284 628.54	284 066.52
2 17 30	291 613.63	291 041.68	290 469.58	289 897.31	289 324.89
2 20 00	296 913.50	296 331.15	295 748.64	295 165.97	294 583.15
2 22 30	302 213.24	301 620.50	301 027.59	300 434.51	299 841.28
2 25 00	307 512.86	306 909.72	306 306.41	305 702.93	305 099.30
2 27 30	312 812.36	312 198.82	311 585.11	310 971.23	310 357.19
2 30 00	318 111.73	317 487.79	316 863.69	316 239.40	315 614.96
2 32 30	323 410.98	322 776.64	322 142.13	321 507.45	320 872.60
2 35 00	328 710.09	328 065.35	327 420.45	326 775.36	326 130.11
2 37 30	334 009.07	333 353.94	332 698.64	332 043.15	331 387.48
2 40 00	339 307.92	338 642.40	337 976.69	337 310.80	336 644.73
2 42 30	344 606.63	343 930.71	343 254.61	342 578.31	341 901.84
2 45 00	349 905.21	349 218.89	348 532.39	347 845.69	347 158.81
2 47 30	355 203.64	354 506.93	353 810.02	353 112.93	352 415.64
2 50 00	360 501.93	359 794.82	359 087.52	358 380.02	357 672.33
2 52 30	365 800.08	365 082.57	364 364.87	363 646.97	362 928.87
2 55 00	371 098.08	370 370.17	369 642.08	368 913.77	368 185.27
2 57 30	376 395.93	375 657.63	374 919.13	374 180.43	373 441.52
3 00 00	381 693.63	380 944.93	380 196.03	379 446.93	378 697.62

Second-difference correction to x' for indicated values of h and Δλ

Δλ \ h	0" 150"	15" 135"	30" 120"	45" 105"	60" 90"	75" 75"
0°	0	0	0	0	0	0
1°	0	+.01	+.01	+.01	+.01	+.01
2°	+.01	+.02	+.02	+.02	+.03	+.03
3°	+.01	+.02	+.03	+.04	+.04	+.04

Correction for k is negligible

ALASKA – ZONES 2 TO 9
STATE PLANE COORDINATES IN FEET – Y

Δλ \ φ	69 40 00	69 42 30	69 45 00	69 47 30	69 50 00
0 00 00	5727 492.55	5742 741.69	5757 990.91	5773 240.20	5788 489.56
0 02 30	5727 494.35	5742 743.49	5757 992.71	5773 242.00	5788 491.36
0 05 00	5727 499.78	5742 748.91	5757 998.12	5773 247.40	5788 496.75
0 07 30	5727 508.82	5742 757.93	5758 007.13	5773 256.39	5788 505.73
0 10 00	5727 521.48	5742 770.57	5758 019.74	5773 268.98	5788 518.30
0 12 30	5727 537.75	5742 786.81	5758 035.96	5773 285.18	5788 534.46
0 15 00	5727 557.64	5742 806.67	5758 055.78	5773 304.96	5788 554.22
0 17 30	5727 581.15	5742 830.13	5758 079.21	5773 328.35	5788 577.56
0 20 00	5727 608.27	5742 857.21	5758 106.24	5773 355.33	5788 604.50
0 22 30	5727 639.00	5742 887.90	5758 136.87	5773 385.91	5788 635.03
0 25 00	5727 673.36	5742 922.19	5758 171.11	5773 420.09	5788 669.15
0 27 30	5727 711.33	5742 960.10	5758 208.95	5773 457.87	5788 706.86
0 30 00	5727 752.92	5743 001.61	5758 250.40	5773 499.25	5788 748.17
0 32 30	5727 798.12	5743 046.74	5758 295.44	5773 544.22	5788 793.06
0 35 00	5727 846.94	5743 095.48	5758 344.10	5773 592.79	5788 841.55
0 37 30	5727 899.37	5743 147.82	5758 396.36	5773 644.96	5788 893.63
0 40 00	5727 955.43	5743 203.78	5758 452.22	5773 700.73	5788 949.30
0 42 30	5728 015.09	5743 263.35	5758 511.68	5773 760.09	5789 008.56
0 45 00	5728 078.37	5743 326.52	5758 574.75	5773 823.05	5789 071.42
0 47 30	5728 145.28	5743 393.31	5758 641.43	5773 889.61	5789 137.86
0 50 00	5728 215.79	5743 463.71	5758 711.70	5773 959.77	5789 207.90
0 52 30	5728 289.92	5743 537.72	5758 785.58	5774 033.53	5789 281.53
0 55 00	5728 367.67	5743 615.33	5758 863.07	5774 110.88	5789 358.75
0 57 30	5728 449.03	5743 696.56	5758 944.16	5774 191.83	5789 439.57
1 00 00	5728 534.02	5743 781.39	5759 028.85	5774 276.38	5789 523.97
1 02 30	5728 622.61	5743 869.84	5759 117.15	5774 364.52	5789 611.96
1 05 00	5728 714.82	5743 961.90	5759 209.05	5774 456.27	5789 703.55
1 07 30	5728 810.65	5744 057.56	5759 304.55	5774 551.61	5789 798.73
1 10 00	5728 910.10	5744 156.84	5759 403.66	5774 650.55	5789 897.50
1 12 30	5729 013.16	5744 259.72	5759 506.37	5774 753.08	5789 999.86
1 15 00	5729 119.84	5744 366.22	5759 612.69	5774 859.22	5790 105.81
1 17 30	5729 230.13	5744 476.33	5759 722.60	5774 968.95	5790 215.36
1 20 00	5729 344.04	5744 590.04	5759 836.13	5775 082.28	5790 328.50
1 22 30	5729 461.56	5744 707.37	5759 953.25	5775 199.21	5790 445.23
1 25 00	5729 582.70	5744 828.31	5760 073.98	5775 319.73	5790 565.54
1 27 30	5729 707.46	5744 952.85	5760 198.32	5775 443.86	5790 689.45
1 30 00	5729 835.83	5745 081.01	5760 326.26	5775 571.57	5790 816.95
1 32 30	5729 967.82	5745 212.77	5760 457.80	5775 702.89	5790 948.05
1 35 00	5730 103.42	5745 348.14	5760 592.94	5775 837.81	5791 082.73
1 37 30	5730 242.65	5745 487.13	5760 731.69	5775 976.32	5791 221.01
1 40 00	5730 385.48	5745 629.73	5760 874.05	5776 118.43	5791 362.88
1 42 30	5730 531.93	5745 775.93	5761 020.00	5776 264.14	5791 508.33
1 45 00	5730 682.00	5745 925.74	5761 169.56	5776 413.44	5791 657.39
1 47 30	5730 835.68	5746 079.16	5761 322.72	5776 566.34	5791 810.02
1 50 00	5730 992.98	5746 236.20	5761 479.49	5776 722.84	5791 966.26
1 52 30	5731 153.90	5746 396.84	5761 639.85	5776 882.94	5792 126.08
1 55 00	5731 318.43	5746 561.09	5761 803.83	5777 046.63	5792 289.49
1 57 30	5731 486.57	5746 728.95	5761 971.41	5777 213.92	5792 456.50
2 00 00	5731 658.34	5746 900.42	5762 142.59	5777 384.81	5792 627.10
2 02 30	5731 833.71	5747 075.51	5762 317.37	5777 559.30	5792 801.28
2 05 00	5732 012.71	5747 254.20	5762 495.76	5777 737.38	5792 979.06
2 07 30	5732 195.32	5747 436.49	5762 677.75	5777 919.06	5793 160.43
2 10 00	5732 381.54	5747 622.41	5762 863.34	5778 104.34	5793 345.39
2 12 30	5732 571.38	5747 811.92	5763 052.53	5778 293.21	5793 533.95
2 15 00	5732 764.83	5748 005.05	5763 245.33	5778 485.68	5793 726.09
2 17 30	5732 961.91	5748 201.79	5763 441.74	5778 681.75	5793 921.82
2 20 00	5733 162.59	5748 402.13	5763 641.74	5778 881.42	5794 121.14
2 22 30	5733 366.89	5748 606.09	5763 845.35	5779 084.68	5794 324.06
2 25 00	5733 574.81	5748 813.66	5764 052.57	5779 291.54	5794 530.57
2 27 30	5733 786.34	5749 024.83	5764 263.38	5779 502.00	5794 740.67
2 30 00	5734 001.49	5749 239.61	5764 477.80	5779 716.05	5794 954.35
2 32 30	5734 220.25	5749 458.01	5764 695.82	5779 933.70	5795 171.63
2 35 00	5734 442.63	5749 680.01	5764 917.45	5780 154.95	5795 392.50
2 37 30	5734 668.63	5749 905.62	5765 142.68	5780 379.79	5795 616.96
2 40 00	5734 898.23	5750 134.84	5765 371.50	5780 608.23	5795 845.01
2 42 30	5735 131.46	5750 367.67	5765 603.94	5780 840.27	5796 076.65
2 45 00	5735 368.30	5750 604.10	5765 839.97	5781 075.90	5796 311.88
2 47 30	5735 608.75	5750 844.15	5766 079.61	5781 315.13	5796 550.71
2 50 00	5735 852.82	5751 087.80	5766 322.86	5781 557.96	5796 793.12
2 52 30	5736 100.51	5751 335.07	5766 569.70	5781 804.39	5797 039.12
2 55 00	5736 351.80	5751 585.94	5766 820.15	5782 054.41	5797 288.72
2 57 30	5736 606.72	5751 840.43	5767 074.20	5782 308.02	5797 541.90
3 00 00	5736 865.24	5752 098.52	5767 331.85	5782 565.24	5797 798.67

Second-difference correction to y for indicated value of k (for all Δλ's)

k	0" 150"	5" 145"	10" 140"	15" 135"	20" 130"	25" 125"	30" 120"	35" 115"	40" 110"	45" 105"	50" 100"	55" 95"	60" 90"	65" 85"	70" 80"	75" 75"
Correction	-.01	-.07	-.12	-.17	-.22	-.26	-.30	-.33	-.36	-.38	-.40	-.42	-.44	-.45	-.45	-.45

Correction for h is negligible

ALASKA – ZONES 2 TO 9
STATE PLANE COORDINATES IN FEET – X'

Δλ \ φ	69 50 00	69 52 30	69 55 00	69 57 30	70 00 00
0 00 00	0.00	0.00	0.00	0.00	0.00
0 02 30	5 261.52	5 251.11	5 240.70	5 230.28	5 219.86
0 05 00	10 523.04	10 502.22	10 481.39	10 460.56	10 439.72
0 07 30	15 784.56	15 753.32	15 722.08	15 690.83	15 659.57
0 10 00	21 046.06	21 004.42	20 962.76	20 921.10	20 879.42
0 12 30	26 307.57	26 255.51	26 203.44	26 151.36	26 099.26
0 15 00	31 569.06	31 506.59	31 444.10	31 381.60	31 319.08
0 17 30	36 830.53	36 757.65	36 684.76	36 611.84	36 538.90
0 20 00	42 092.00	42 008.71	41 925.39	41 842.06	41 758.70
0 22 30	47 353.44	47 259.74	47 166.01	47 072.26	46 978.49
0 25 00	52 614.87	52 510.75	52 406.61	52 302.45	52 198.25
0 27 30	57 876.27	57 761.75	57 647.19	57 532.61	57 417.99
0 30 00	63 137.65	63 012.72	62 887.75	62 762.75	62 637.71
0 32 30	68 399.01	68 263.66	68 128.28	67 992.86	67 857.41
0 35 00	73 660.33	73 514.58	73 368.79	73 222.95	73 077.07
0 37 30	78 921.64	78 765.47	78 609.26	78 453.01	78 296.71
0 40 00	84 182.91	84 016.32	83 849.70	83 683.03	83 516.32
0 42 30	89 444.14	89 267.15	89 090.11	88 913.02	88 735.89
0 45 00	94 705.34	94 517.93	94 330.48	94 142.98	93 955.43
0 47 30	99 966.49	99 768.68	99 570.81	99 372.90	99 174.93
0 50 00	105 227.61	105 019.39	104 811.11	104 602.77	104 394.38
0 52 30	110 488.69	110 270.06	110 051.36	109 832.61	109 613.80
0 55 00	115 749.72	115 520.68	115 291.57	115 062.40	114 833.17
0 57 30	121 010.70	120 771.25	120 531.73	120 292.14	120 052.50
1 00 00	126 271.64	126 021.78	125 771.84	125 521.84	125 271.77
1 02 30	131 532.53	131 272.25	131 011.90	130 751.48	130 491.00
1 05 00	136 793.36	136 522.67	136 251.91	135 981.08	135 710.17
1 07 30	142 054.14	141 773.04	141 491.87	141 210.61	140 929.29
1 10 00	147 314.86	147 023.35	146 731.76	146 440.09	146 148.35
1 12 30	152 575.52	152 273.60	151 971.60	151 669.51	151 367.35
1 15 00	157 836.11	157 523.79	157 211.37	156 898.87	156 586.29
1 17 30	163 096.65	162 773.91	162 451.08	162 128.17	161 805.17
1 20 00	168 357.12	168 023.97	167 690.73	167 357.40	167 023.98
1 22 30	173 617.52	173 273.96	172 930.31	172 586.56	172 242.72
1 25 00	178 877.85	178 523.89	178 169.82	177 815.65	177 461.39
1 27 30	184 138.12	183 773.73	183 409.25	183 044.67	182 680.00
1 30 00	189 398.30	189 023.51	188 648.62	188 273.62	187 898.53
1 32 30	194 658.41	194 273.21	193 887.90	193 502.49	193 116.98
1 35 00	199 918.44	199 522.83	199 127.11	198 731.28	198 335.35
1 37 30	205 178.39	204 772.37	204 366.23	203 959.99	203 553.64
1 40 00	210 438.26	210 021.82	209 605.28	209 188.62	208 771.86
1 42 30	215 698.04	215 271.20	214 844.24	214 417.16	213 989.98
1 45 00	220 957.73	220 520.48	220 083.11	219 645.62	219 208.02
1 47 30	226 217.34	225 769.68	225 321.90	224 873.99	224 425.97
1 50 00	231 476.85	231 018.78	230 560.59	230 102.27	229 643.83
1 52 30	236 736.28	236 267.80	235 799.19	235 330.45	234 861.59
1 55 00	241 995.60	241 516.71	241 037.69	240 558.54	240 079.26
1 57 30	247 254.83	246 765.53	246 276.10	245 786.53	245 296.84
2 00 00	252 513.96	252 014.25	251 514.41	251 014.43	250 514.31
2 02 30	257 772.99	257 262.87	256 752.61	256 242.21	255 731.69
2 05 00	263 031.91	262 511.38	261 990.72	261 469.90	260 948.95
2 07 30	268 290.73	267 759.79	267 228.71	266 697.48	266 166.12
2 10 00	273 549.44	273 008.09	272 466.60	271 924.96	271 383.17
2 12 30	278 808.03	278 256.28	277 704.37	277 152.32	276 600.12
2 15 00	284 066.52	283 504.36	282 942.04	282 379.57	281 816.95
2 17 30	289 324.89	288 752.32	288 179.59	287 606.71	287 033.67
2 20 00	294 583.15	294 000.17	293 417.03	292 833.73	292 250.28
2 22 30	299 841.28	299 247.89	298 654.34	298 060.63	297 466.76
2 25 00	305 099.30	304 495.50	303 891.53	303 287.41	302 683.12
2 27 30	310 357.19	309 742.98	309 128.61	308 514.07	307 899.36
2 30 00	315 614.96	314 990.34	314 365.56	313 740.60	313 115.48
2 32 30	320 872.60	320 237.57	319 602.38	318 967.01	318 331.47
2 35 00	326 130.11	325 484.67	324 839.06	324 193.29	323 547.34
2 37 30	331 387.48	330 731.64	330 075.63	329 419.43	328 763.06
2 40 00	336 644.73	335 978.48	335 312.05	334 645.44	333 978.66
2 42 30	341 901.84	341 225.18	340 548.34	339 871.32	339 194.12
2 45 00	347 158.81	346 471.74	345 784.50	345 097.06	344 409.44
2 47 30	352 415.64	351 718.17	351 020.51	350 322.66	349 624.63
2 50 00	357 672.33	356 964.45	356 256.38	355 548.12	354 839.67
2 52 30	362 928.87	362 210.59	361 492.11	360 773.43	360 054.57
2 55 00	368 185.27	367 456.58	366 727.69	365 998.60	365 269.32
2 57 30	373 441.52	372 702.42	371 963.12	371 223.62	370 483.92
3 00 00	378 697.62	377 948.12	377 198.41	376 448.49	375 698.38

Second-difference correction to x' for indicated values of h and Δλ

Δλ \ h	0" 150"	15" 135"	30" 120"	45" 105"	60" 90"	75" 75"
0°	0	0	0	0	0	0
1°	0	+.01	+.01	+.01	+.01	+.01
2°	+.01	+.02	+.02	+.02	+.03	+.03
3°	+.01	+.02	+.03	+.04	+.04	+.04

Correction for k is negligible

ALASKA – ZONES 2 TO 9
STATE PLANE COORDINATES IN FEET – Y

Δλ \ φ	69 50 00	69 52 30	69 55 00	69 57 30	70 00 00
0 00 00	5788 489.56	5803 739.00	5818 988.51	5834 238.10	5849 487.75
0 02 30	5788 491.36	5803 740.79	5818 990.30	5834 239.89	5849 489.54
0 05 00	5788 496.75	5803 746.17	5818 995.67	5834 245.24	5849 494.89
0 07 30	5788 505.73	5803 755.14	5819 004.62	5834 254.18	5849 503.81
0 10 00	5788 518.30	5803 767.69	5819 017.15	5834 266.68	5849 516.29
0 12 30	5788 534.46	5803 783.82	5819 033.26	5834 282.76	5849 532.34
0 15 00	5788 554.22	5803 803.54	5819 052.94	5834 302.42	5849 551.96
0 17 30	5788 577.56	5803 826.85	5819 076.21	5834 325.64	5849 575.14
0 20 00	5788 604.50	5803 853.74	5819 103.05	5834 352.44	5849 601.90
0 22 30	5788 635.03	5803 884.22	5819 133.48	5834 382.82	5849 632.22
0 25 00	5788 669.15	5803 918.28	5819 167.48	5834 416.76	5849 666.11
0 27 30	5788 706.86	5803 955.93	5819 205.07	5834 454.28	5849 703.56
0 30 00	5788 748.17	5803 997.16	5819 246.23	5834 495.37	5849 744.58
0 32 30	5788 793.06	5804 041.98	5819 290.97	5834 540.04	5849 789.17
0 35 00	5788 841.55	5804 090.39	5819 339.29	5834 588.27	5849 837.33
0 37 30	5788 893.63	5804 142.38	5819 391.20	5834 640.09	5849 889.05
0 40 00	5788 949.30	5804 197.95	5819 446.67	5834 695.47	5849 944.34
0 42 30	5789 008.56	5804 257.11	5819 505.73	5834 754.43	5850 003.19
0 45 00	5789 071.42	5804 319.86	5819 568.37	5834 816.96	5850 065.61
0 47 30	5789 137.86	5804 386.19	5819 634.59	5834 883.06	5850 131.60
0 50 00	5789 207.90	5804 456.11	5819 704.39	5834 952.74	5850 201.16
0 52 30	5789 281.53	5804 529.61	5819 777.77	5835 025.99	5850 274.29
0 55 00	5789 358.75	5804 606.70	5819 854.72	5835 102.81	5850 350.98
0 57 30	5789 439.57	5804 687.38	5819 935.26	5835 183.21	5850 431.23
1 00 00	5789 523.97	5804 771.64	5820 019.37	5835 267.18	5850 515.06
1 02 30	5789 611.96	5804 859.48	5820 107.07	5835 354.72	5850 602.45
1 05 00	5789 703.55	5804 950.91	5820 198.34	5835 445.84	5850 693.41
1 07 30	5789 798.73	5805 045.93	5820 293.19	5835 540.53	5850 787.93
1 10 00	5789 897.50	5805 144.53	5820 391.63	5835 638.79	5850 886.03
1 12 30	5789 999.86	5805 246.72	5820 493.63	5835 740.63	5850 987.69
1 15 00	5790 105.81	5805 352.49	5820 599.22	5835 846.03	5851 092.91
1 17 30	5790 215.36	5805 461.84	5820 708.39	5835 955.01	5851 201.70
1 20 00	5790 328.50	5805 574.79	5820 821.14	5836 067.57	5851 314.07
1 22 30	5790 445.23	5805 691.31	5820 937.47	5836 183.70	5851 429.99
1 25 00	5790 565.54	5805 811.43	5821 057.38	5836 303.40	5851 549.48
1 27 30	5790 689.45	5805 935.13	5821 180.86	5836 426.67	5851 672.54
1 30 00	5790 816.95	5806 062.41	5821 307.92	5836 553.52	5851 799.17
1 32 30	5790 948.05	5806 193.28	5821 438.57	5836 683.94	5851 929.37
1 35 00	5791 082.73	5806 327.73	5821 572.79	5836 817.93	5852 063.12
1 37 30	5791 221.01	5806 465.77	5821 710.59	5836 955.49	5852 200.45
1 40 00	5791 362.88	5806 607.39	5821 851.97	5837 096.63	5852 341.35
1 42 30	5791 508.33	5806 752.60	5821 996.93	5837 241.34	5852 485.80
1 45 00	5791 657.39	5806 901.39	5822 145.47	5837 389.62	5852 633.83
1 47 30	5791 810.02	5807 053.78	5822 297.59	5837 541.48	5852 785.42
1 50 00	5791 966.26	5807 209.74	5822 453.29	5837 696.90	5852 940.58
1 52 30	5792 126.08	5807 369.29	5822 612.56	5837 855.91	5853 099.31
1 55 00	5792 289.49	5807 532.42	5822 775.41	5838 018.48	5853 261.60
1 57 30	5792 456.50	5807 699.14	5822 941.85	5838 184.62	5853 427.46
2 00 00	5792 627.10	5807 869.45	5823 111.86	5838 354.34	5853 596.88
2 02 30	5792 801.28	5808 043.34	5823 285.45	5838 527.63	5853 769.88
2 05 00	5792 979.06	5808 220.81	5823 462.62	5838 704.50	5853 946.43
2 07 30	5793 160.43	5808 401.87	5823 643.37	5838 884.94	5854 126.56
2 10 00	5793 345.39	5808 586.51	5823 827.70	5839 068.94	5854 310.25
2 12 30	5793 533.95	5808 774.74	5824 015.60	5839 256.53	5854 497.51
2 15 00	5793 726.09	5808 966.56	5824 207.08	5839 447.68	5854 688.33
2 17 30	5793 921.82	5809 161.96	5824 402.15	5839 642.40	5854 882.72
2 20 00	5794 121.14	5809 360.94	5824 600.79	5839 840.70	5855 080.68
2 22 30	5794 324.06	5809 563.51	5824 803.01	5840 042.57	5855 282.20
2 25 00	5794 530.57	5809 769.66	5825 008.80	5840 248.02	5855 487.29
2 27 30	5794 740.67	5809 979.40	5825 218.18	5840 457.03	5855 695.95
2 30 00	5794 954.35	5810 192.72	5825 431.14	5840 669.62	5855 908.16
2 32 30	5795 171.63	5810 409.63	5825 647.67	5840 885.78	5856 123.95
2 35 00	5795 392.50	5810 630.12	5825 867.78	5841 105.52	5856 343.30
2 37 30	5795 616.96	5810 854.19	5826 091.47	5841 328.82	5856 566.22
2 40 00	5795 845.01	5811 081.85	5826 318.74	5841 555.69	5856 792.71
2 42 30	5796 076.65	5811 313.09	5826 549.59	5841 786.14	5857 022.76
2 45 00	5796 311.88	5811 547.92	5826 784.01	5842 020.17	5857 256.38
2 47 30	5796 550.71	5811 786.34	5827 022.01	5842 257.76	5857 493.55
2 50 00	5796 793.12	5812 028.33	5827 263.60	5842 498.92	5857 734.30
2 52 30	5797 039.12	5812 273.92	5827 508.75	5842 743.66	5857 978.61
2 55 00	5797 288.72	5812 523.08	5827 757.49	5842 991.97	5858 226.50
2 57 30	5797 541.90	5812 775.83	5828 009.81	5843 243.85	5858 477.94
3 00 00	5797 798.67	5813 032.17	5828 265.70	5843 499.30	5858 732.95

Second-difference correction to y for indicated value of k (for all Δλ's)

k	0" 150"	5" 145"	10" 140"	15" 135"	20" 130"	25" 125"	30" 120"	35" 115"	40" 110"	45" 105"	50" 100"	55" 95"	60" 90"	65" 85"	70" 80"	75" 75"
Correction	-.01	-.07	-.12	-.17	-.22	-.26	-.30	-.33	-.36	-.38	-.40	-.42	-.44	-.45	-.45	-.45

Correction for h is negligible

ALASKA – ZONES 2 TO 9
STATE PLANE COORDINATES IN FEET – X'

Δλ \ φ	70 00 00	70 02 30	70 05 00	70 07 30	70 10 00
0 00 00	0.00	0.00	0.00	0.00	0.00
0 02 30	5 219.86	5 209.44	5 199.01	5 188.59	5 178.15
0 05 00	10 439.72	10 418.87	10 398.02	10 377.16	10 356.30
0 07 30	15 659.57	15 628.30	15 597.03	15 565.74	15 534.45
0 10 00	20 879.42	20 837.73	20 796.03	20 754.32	20 712.59
0 12 30	26 099.26	26 047.15	25 995.02	25 942.88	25 890.73
0 15 00	31 319.08	31 256.55	31 194.00	31 131.43	31 068.85
0 17 30	36 538.90	36 465.94	36 392.97	36 319.97	36 246.95
0 20 00	41 758.70	41 675.32	41 591.92	41 508.49	41 425.05
0 22 30	46 978.49	46 884.68	46 790.85	46 697.00	46 603.13
0 25 00	52 198.25	52 094.03	51 989.77	51 885.49	51 781.18
0 27 30	57 417.99	57 303.35	57 188.67	57 073.96	56 959.22
0 30 00	62 637.71	62 512.64	62 387.54	62 262.40	62 137.23
0 32 30	67 857.41	67 721.92	67 586.39	67 450.82	67 315.22
0 35 00	73 077.07	72 931.16	72 785.21	72 639.21	72 493.18
0 37 30	78 296.71	78 140.38	77 984.00	77 827.58	77 671.12
0 40 00	83 516.32	83 349.56	83 182.76	83 015.91	82 849.01
0 42 30	88 735.89	88 558.71	88 381.48	88 204.21	88 026.88
0 45 00	93 955.43	93 767.82	93 580.17	93 392.47	93 204.71
0 47 30	99 174.93	98 976.90	98 778.82	98 580.69	98 382.51
0 50 00	104 394.38	104 185.94	103 977.43	103 768.87	103 560.26
0 52 30	109 613.80	109 394.93	109 176.00	108 957.02	108 737.96
0 55 00	114 833.17	114 603.88	114 374.53	114 145.11	113 915.64
0 57 30	120 052.50	119 812.78	119 573.00	119 333.16	119 093.25
1 00 00	125 271.77	125 021.64	124 771.43	124 521.16	124 270.82
1 02 30	130 491.00	130 230.44	129 969.81	129 709.11	129 448.35
1 05 00	135 710.17	135 439.19	135 168.14	134 897.01	134 625.81
1 07 30	140 929.29	140 647.88	140 366.41	140 084.85	139 803.23
1 10 00	146 148.35	145 856.53	145 564.62	145 272.64	144 980.59
1 12 30	151 367.35	151 065.10	150 762.78	150 460.37	150 157.88
1 15 00	156 586.29	156 273.62	155 960.87	155 648.04	155 335.12
1 17 30	161 805.17	161 482.08	161 158.90	160 835.64	160 512.29
1 20 00	167 023.98	166 690.47	166 356.87	166 023.18	165 689.40
1 22 30	172 242.72	171 898.79	171 554.77	171 210.65	170 866.44
1 25 00	177 461.39	177 107.04	176 752.59	176 398.05	176 043.41
1 27 30	182 680.00	182 315.22	181 950.35	181 585.38	181 220.31
1 30 00	187 898.53	187 523.33	187 148.03	186 772.63	186 397.13
1 32 30	193 116.98	192 731.36	192 345.64	191 959.81	191 573.88
1 35 00	198 335.35	197 939.31	197 543.16	197 146.91	196 750.55
1 37 30	203 553.64	203 147.18	202 740.61	202 333.93	201 927.15
1 40 00	208 771.86	208 354.97	207 937.98	207 520.87	207 103.65
1 42 30	213 989.98	213 562.68	213 135.26	212 707.72	212 280.08
1 45 00	219 208.02	218 770.29	218 332.45	217 894.49	217 456.42
1 47 30	224 425.97	223 977.82	223 529.55	223 081.17	222 632.66
1 50 00	229 643.83	229 185.26	228 726.57	228 267.76	227 808.82
1 52 30	234 861.59	234 392.61	233 923.49	233 454.25	232 984.89
1 55 00	240 079.26	239 599.86	239 120.32	238 640.65	238 160.86
1 57 30	245 296.84	244 807.01	244 317.05	243 826.95	243 336.73
2 00 00	250 514.31	250 014.06	249 513.68	249 013.16	248 512.51
2 02 30	255 731.69	255 221.02	254 710.21	254 199.27	253 688.18
2 05 00	260 948.95	260 427.86	259 906.63	259 385.26	258 863.75
2 07 30	266 166.12	265 634.61	265 102.95	264 571.16	264 039.22
2 10 00	271 383.17	270 841.24	270 299.17	269 756.94	269 214.58
2 12 30	276 600.12	276 047.76	275 495.27	274 942.62	274 389.82
2 15 00	281 816.95	281 254.18	280 691.26	280 128.18	279 564.96
2 17 30	287 033.67	286 460.48	285 887.13	285 313.63	284 739.98
2 20 00	292 250.28	291 666.66	291 082.90	290 498.97	289 914.89
2 22 30	297 466.76	296 872.73	296 278.54	295 684.19	295 089.68
2 25 00	302 683.12	302 078.67	301 474.06	300 869.28	300 264.35
2 27 30	307 899.36	307 284.49	306 669.46	306 054.26	305 438.89
2 30 00	313 115.48	312 490.19	311 864.73	311 239.11	310 613.31
2 32 30	318 331.47	317 695.76	317 059.88	316 423.83	315 787.61
2 35 00	323 547.34	322 901.20	322 254.90	321 608.42	320 961.78
2 37 30	320 763.06	328 106.51	327 449.79	326 792.89	326 135.81
2 40 00	333 978.66	333 311.69	332 644.54	331 977.22	331 309.72
2 42 30	339 194.12	338 516.73	337 839.16	337 161.41	336 483.48
2 45 00	344 409.44	343 721.64	343 033.65	342 345.47	341 657.11
2 47 30	349 624.63	348 926.40	348 227.99	347 529.39	346 830.61
2 50 00	354 839.67	354 131.03	353 422.19	352 713.17	352 003.96
2 52 30	360 054.57	359 335.50	358 616.25	357 896.80	357 177.16
2 55 00	365 269.32	364 539.84	363 810.16	363 080.29	362 350.22
2 57 30	370 483.92	369 744.02	369 003.92	368 263.63	367 523.14
3 00 00	375 698.38	374 948.06	374 197.54	373 446.82	372 695.90

Second-difference correction to x' for indicated values of h and Δλ

Δλ \ h	0" 150"	15" 135"	30" 120"	45" 105"	60" 90"	75" 75"
0°	0	0	0	0	0	0
1°	0	+.01	+.01	+.01	+.01	+.01
2°	+.01	+.02	+.02	+.02	+.03	+.03
3°	+.01	+.02	+.03	+.04	+.04	+.04

Correction for k is negligible

ALASKA – ZONES 2 TO 9
STATE PLANE COORDINATES IN FEET – Y

Δλ \ φ	70 00 00	70 02 30	70 05 00	70 07 30	70 10 00
0 00 00	5849 487.75	5864 737.49	5879 987.29	5895 237.16	5910 487.11
0 02 30	5849 489.54	5864 739.27	5879 989.07	5895 238.94	5910 488.88
0 05 00	5849 494.89	5864 744.61	5879 994.40	5895 244.26	5910 494.20
0 07 30	5849 503.81	5864 753.51	5880 003.29	5895 253.13	5910 503.05
0 10 00	5849 516.29	5864 765.97	5880 015.73	5895 265.55	5910 515.45
0 12 30	5849 532.34	5864 782.00	5880 031.72	5895 281.52	5910 531.39
0 15 00	5849 551.96	5864 801.58	5880 051.27	5895 301.04	5910 550.87
0 17 30	5849 575.14	5864 824.73	5880 074.38	5895 324.10	5910 573.90
0 20 00	5849 601.90	5864 851.43	5880 101.04	5895 350.72	5910 600.46
0 22 30	5849 632.22	5864 881.70	5880 131.25	5895 380.88	5910 630.58
0 25 00	5849 666.11	5864 915.53	5880 165.02	5895 414.59	5910 664.23
0 27 30	5849 703.56	5864 952.92	5880 202.35	5895 451.85	5910 701.42
0 30 00	5849 744.58	5864 993.87	5880 243.23	5895 492.65	5910 742.16
0 32 30	5849 789.17	5865 038.38	5880 287.66	5895 537.01	5910 786.44
0 35 00	5849 837.33	5865 086.45	5880 335.65	5895 584.91	5910 834.26
0 37 30	5849 889.05	5065 138.09	5880 387.19	5895 636.37	5910 885.62
0 40 00	5849 944.34	5865 193.28	5880 442.29	5895 691.37	5910 940.53
0 42 30	5850 003.19	5865 252.03	5880 500.94	5895 749.92	5910 998.97
0 45 00	5850 065.61	5865 314.34	5880 563.15	5895 812.02	5911 060.96
0 47 30	5850 131.60	5865 380.22	5880 628.91	5895 877.66	5911 126.49
0 50 00	5850 201.16	5865 449.66	5880 698.22	5895 946.86	5911 195.57
0 52 30	5850 274.29	5865 522.66	5880 771.10	5896 019.60	5911 268.18
0 55 00	5850 350.98	5865 599.21	5880 847.52	5896 095.89	5911 344.34
0 57 30	5850 431.23	5865 679.33	5880 927.50	5896 175.73	5911 424.04
1 00 00	5850 515.06	5865 763.01	5881 011.03	5896 259.12	5911 507.29
1 02 30	5850 602.45	5865 850.25	5881 098.12	5896 346.06	5911 594.07
1 05 00	5850 693.41	5865 941.05	5881 188.77	5896 436.54	5911 684.40
1 07 30	5850 787.93	5866 035.41	5881 282.96	5896 530.58	5911 778.26
1 10 00	5850 886.03	5866 133.34	5881 380.71	5896 628.16	5911 875.68
1 12 30	5850 987.69	5866 234.82	5881 482.02	5896 729.29	5911 976.63
1 15 00	5851 092.91	5866 339.86	5881 586.88	5896 833.97	5912 081.12
1 17 30	5851 201.70	5866 448.47	5881 695.30	5896 942.19	5912 189.16
1 20 00	5851 314.07	5866 560.63	5881 807.26	5897 053.97	5912 300.74
1 22 30	5851 429.99	5866 676.36	5881 922.79	5897 169.29	5912 415.86
1 25 00	5851 549.48	5866 795.64	5882 041.87	5897 288.16	5912 534.53
1 27 30	5851 672.54	5866 918.49	5882 164.50	5897 410.58	5912 656.73
1 30 00	5851 799.17	5867 044.90	5882 290.69	5897 536.55	5912 782.48
1 32 30	5851 929.37	5867 174.87	5882 420.43	5897 666.06	5912 911.77
1 35 00	5852 063.12	5867 308.39	5882 553.73	5897 799.13	5913 044.60
1 37 30	5852 200.45	5867 445.48	5882 690.58	5897 935.74	5913 180.97
1 40 00	5852 341.35	5867 586.13	5882 830.98	5898 075.90	5913 320.88
1 42 30	5852 485.80	5867 730.34	5882 974.94	5898 219.60	5913 464.34
1 45 00	5852 633.83	5867 878.11	5883 122.45	5898 366.86	5913 611.34
1 47 30	5852 785.42	5868 029.44	5883 273.52	5898 517.66	5913 761.88
1 50 00	5852 940.58	5868 184.33	5883 428.14	5898 672.02	5913 915.96
1 52 30	5853 099.31	5868 342.78	5883 586.32	5898 829.92	5914 073.58
1 55 00	5853 261.60	5868 504.79	5883 748.05	5898 991.36	5914 234.75
1 57 30	5853 427.46	5868 670.37	5883 913.33	5899 156.36	5914 399.46
2 00 00	5853 596.88	5868 839.50	5884 082.17	5899 324.90	5914 567.70
2 02 30	5853 769.88	5869 012.19	5884 254.56	5899 497.00	5914 739.50
2 05 00	5853 946.43	5869 188.44	5884 430.51	5899 672.63	5914 914.83
2 07 30	5854 126.56	5869 368.25	5884 610.01	5899 851.82	5915 093.70
2 10 00	5854 310.25	5869 551.62	5884 793.06	5900 034.56	5915 276.12
2 12 30	5854 497.51	5869 738.56	5884 979.67	5900 220.84	5915 462.07
2 15 00	5854 688.33	5869 929.05	5885 169.83	5900 410.67	5915 651.57
2 17 30	5854 882.72	5870 123.10	5885 363.54	5900 604.04	5915 844.61
2 20 00	5855 080.68	5870 320.72	5885 560.81	5900 800.97	5916 041.19
2 22 30	5855 282.20	5870 521.89	5885 761.64	5901 001.44	5916 241.31
2 25 00	5855 487.29	5870 726.62	5885 966.01	5901 205.46	5916 444.98
2 27 30	5855 695.95	5870 934.91	5886 173.94	5901 413.03	5916 652.18
2 30 00	5855 908.16	5871 146.77	5886 385.43	5901 624.15	5916 862.93
2 32 30	5856 123.95	5871 362.18	5886 600.47	5901 838.81	5917 077.21
2 35 00	5856 343.30	5871 581.15	5886 819.06	5902 057.02	5917 295.04
2 37 30	5856 566.22	5871 803.69	5887 041.20	5902 278.78	5917 516.41
2 40 00	5856 792.71	5872 029.77	5887 266.90	5902 504.08	5917 741.32
2 42 30	5857 022.76	5872 259.43	5887 496.15	5902 732.93	5917 969.78
2 45 00	5857 256.38	5872 492.64	5887 728.96	5902 965.34	5918 201.77
2 47 30	5857 493.55	5872 729.41	5887 965.32	5903 201.28	5918 437.30
2 50 00	5857 734.30	5872 969.74	5888 205.23	5903 440.77	5918 676.38
2 52 30	5857 978.61	5873 213.63	5888 448.70	5903 683.82	5918 918.99
2 55 00	5858 226.50	5873 461.08	5888 695.72	5903 930.41	5919 165.15
2 57 30	5858 477.94	5873 712.09	5888 946.29	5904 180.54	5919 414.85
3 00 00	5858 732.95	5873 966.66	5889 200.41	5904 434.22	5919 668.09

Second-difference correction to y for indicated value of k (for all Δλ's)

k	0" 150"	5" 145"	10" 140"	15" 135"	20" 130"	25" 125"	30" 120"	35" 115"	40" 110"	45" 105"	50" 100"	55" 95"	60" 90"	65" 85"	70" 80"	75" 75"
Correction	-.01	-.07	-.12	-.17	-.22	-.26	-.30	-.33	-.36	-.38	-.40	-.42	-.44	-.45	-.45	-.45

Correction for h is negligible

ALASKA – ZONES 2 TO 9
STATE PLANE COORDINATES IN FEET – X'

Δλ \ φ	70 10 00	70 12 30	70 15 00	70 17 30	70 20 00
0 00 00	0.00	0.00	0.00	0.00	0.00
0 02 30	5 178.15	5 167.72	5 157.28	5 146.84	5 136.40
0 05 00	10 356.30	10 335.44	10 314.56	10 293.68	10 272.80
0 07 30	15 534.45	15 503.15	15 471.84	15 440.52	15 409.19
0 10 00	20 712.59	20 670.86	20 629.11	20 587.35	20 545.59
0 12 30	25 890.73	25 838.56	25 786.37	25 734.18	25 681.97
0 15 00	31 068.85	31 006.24	30 943.63	30 880.99	30 818.34
0 17 30	36 246.95	36 173.92	36 100.86	36 027.79	35 954.69
0 20 00	41 425.05	41 341.58	41 258.09	41 174.57	41 091.04
0 22 30	46 603.13	46 509.22	46 415.29	46 321.34	46 227.36
0 25 00	51 781.18	51 676.85	51 572.48	51 468.09	51 363.67
0 27 30	56 959.22	56 844.45	56 729.65	56 614.82	56 499.96
0 30 00	62 137.23	62 012.03	61 886.79	61 761.52	61 636.22
0 32 30	67 315.22	67 179.59	67 043.91	66 908.20	66 772.46
0 35 00	72 493.18	72 347.11	72 201.00	72 054.86	71 908.67
0 37 30	77 671.12	77 514.61	77 358.06	77 201.48	77 044.85
0 40 00	82 849.01	82 682.08	82 515.09	82 348.07	82 181.00
0 42 30	88 026.88	87 849.51	87 672.09	87 494.63	87 317.12
0 45 00	93 204.71	93 016.91	92 829.06	92 641.15	92 453.20
0 47 30	98 382.51	98 184.27	97 985.98	97 787.63	97 589.24
0 50 00	103 560.26	103 351.59	103 142.86	102 934.08	102 725.24
0 52 30	108 737.96	108 518.86	108 299.70	108 080.48	107 861.20
0 55 00	113 915.64	113 686.10	113 456.50	113 226.84	112 997.12
0 57 30	119 093.25	118 853.28	118 613.25	118 373.15	118 132.99
1 00 00	124 270.82	124 020.42	123 769.95	123 519.41	123 268.81
1 02 30	129 448.35	129 187.51	128 926.60	128 665.63	128 404.58
1 05 00	134 625.81	134 354.54	134 083.20	133 811.79	133 540.30
1 07 30	139 803.23	139 521.52	139 239.74	138 957.89	138 675.96
1 10 00	144 980.59	144 688.45	144 396.23	144 103.94	143 811.57
1 12 30	150 157.88	149 855.31	149 552.66	149 249.93	148 947.12
1 15 00	155 335.12	155 022.11	154 709.03	154 395.86	154 082.61
1 17 30	160 512.29	160 188.86	159 865.33	159 541.73	159 218.03
1 20 00	165 689.40	165 355.53	165 021.57	164 687.53	164 353.40
1 22 30	170 866.44	170 522.14	170 177.74	169 833.26	169 488.69
1 25 00	176 043.41	175 688.67	175 333.85	174 978.92	174 623.91
1 27 30	181 220.31	180 855.14	180 489.88	180 124.52	179 759.06
1 30 00	186 397.13	186 021.54	185 645.83	185 270.04	184 894.14
1 32 30	191 573.88	191 187.85	190 801.71	190 415.48	190 029.14
1 35 00	196 750.55	196 354.09	195 957.52	195 560.85	195 164.07
1 37 30	201 927.15	201 520.25	201 113.25	200 706.13	200 298.91
1 40 00	207 103.65	206 686.33	206 268.89	205 851.34	205 433.67
1 42 30	212 280.08	211 852.32	211 424.44	210 996.45	210 568.36
1 45 00	217 456.42	217 018.22	216 579.91	216 141.49	215 702.94
1 47 30	222 632.66	222 184.04	221 735.29	221 286.43	220 837.45
1 50 00	227 808.82	227 349.77	226 890.59	226 431.28	225 971.86
1 52 30	232 984.89	232 515.40	232 045.79	231 576.05	231 106.18
1 55 00	238 160.86	237 680.94	237 200.89	236 720.71	236 240.41
1 57 30	243 336.73	242 846.38	242 355.90	241 865.28	241 374.54
2 00 00	248 512.51	248 011.73	247 510.81	247 009.76	246 508.58
2 02 30	253 688.18	253 176.97	252 665.61	252 154.13	251 642.51
2 05 00	258 863.75	258 342.11	257 820.32	257 298.40	256 776.33
2 07 30	264 039.22	263 507.14	262 974.92	262 442.56	261 910.06
2 10 00	269 214.58	268 672.07	268 129.41	267 586.61	267 043.67
2 12 30	274 389.82	273 836.89	273 283.80	272 730.56	272 177.18
2 15 00	279 564.96	279 001.59	278 438.07	277 874.40	277 310.57
2 17 30	284 739.98	284 166.18	283 592.22	283 018.12	282 443.85
2 20 00	289 914.89	289 330.66	288 746.27	288 161.72	287 577.02
2 22 30	295 089.68	294 495.01	293 900.19	293 305.21	292 710.07
2 25 00	300 264.35	299 659.25	299 054.00	298 448.58	297 843.00
2 27 30	305 438.89	304 823.37	304 207.67	303 591.82	302 975.80
2 30 00	310 613.31	309 987.36	309 361.23	308 734.94	308 108.48
2 32 30	315 787.61	315 151.23	314 514.66	313 877.94	313 241.04
2 35 00	320 961.78	320 314.96	319 667.97	319 020.81	318 373.47
2 37 30	326 135.81	325 478.56	324 821.14	324 163.54	323 505.77
2 40 00	331 309.72	330 642.04	329 974.18	329 306.15	328 637.94
2 42 30	336 483.48	335 805.37	335 127.09	334 448.62	333 769.97
2 45 00	341 657.11	340 968.57	340 279.85	339 590.95	338 901.86
2 47 30	346 830.61	346 131.64	345 432.48	344 733.14	344 033.61
2 50 00	352 003.96	351 294.56	350 584.97	349 875.20	349 165.23
2 52 30	357 177.16	356 457.34	355 737.31	355 017.10	354 296.70
2 55 00	362 350.22	361 619.97	360 889.51	360 158.87	359 428.03
2 57 30	367 523.14	366 782.46	366 041.56	365 300.49	364 559.21
3 00 00	372 695.90	371 944.79	371 193.47	370 441.95	369 690.24

Second-difference correction to x' for indicated values of h and Δλ

Δλ \ h	0" 150"	15" 135"	30" 120"	45" 105"	60" 90"	75" 75"
0°	0	0	0	0	0	0
1°	0	+.01	+.01	+.01	+.01	+.01
2°	+.01	+.02	+.02	+.02	+.03	+.03
3°	+.01	+.02	+.03	+.04	+.04	+.04

Correction for k is negligible

ALASKA – ZONES 2 TO 9
STATE PLANE COORDINATES IN FEET – Y

Δλ \ φ	70 10 00	70 12 30	70 15 00	70 17 30	70 20 00
0 00 00	5910 487.11	5925 737.13	5940 987.22	5956 237.38	5971 487.62
0 02 30	5910 488.88	5925 738.90	5940 988.99	5956 239.15	5971 489.38
0 05 00	5910 494.20	5925 744.20	5940 994.28	5956 244.43	5971 494.66
0 07 30	5910 503.05	5925 753.04	5941 003.11	5956 253.24	5971 503.45
0 10 00	5910 515.45	5925 765.41	5941 015.46	5956 265.57	5971 515.76
0 12 30	5910 531.39	5925 781.33	5941 031.35	5956 281.43	5971 531.59
0 15 00	5910 550.87	5925 800.78	5941 050.76	5956 300.81	5971 550.94
0 17 30	5910 573.90	5925 823.76	5941 073.70	5956 323.71	5971 573.80
0 20 00	5910 600.46	5925 850.28	5941 100.18	5956 350.14	5971 600.18
0 22 30	5910 630.58	5925 880.34	5941 130.18	5956 380.09	5971 630.08
0 25 00	5910 664.23	5925 913.93	5941 163.71	5956 413.57	5971 663.49
0 27 30	5910 701.42	5925 951.06	5941 200.78	5956 450.56	5971 700.42
0 30 00	5910 742.16	5925 991.73	5941 241.37	5956 491.09	5971 740.88
0 32 30	5910 786.44	5926 035.93	5941 285.50	5956 535.13	5971 784.84
0 35 00	5910 834.26	5926 083.66	5941 333.15	5956 582.70	5971 832.33
0 37 30	5910 885.62	5926 134.94	5941 384.33	5956 633.79	5971 883.33
0 40 00	5910 940.53	5926 189.74	5941 439.04	5956 688.41	5971 937.85
0 42 30	5910 998.97	5926 248.09	5941 497.28	5956 746.55	5971 995.88
0 45 00	5911 060.96	5926 309.97	5941 559.06	5956 808.21	5972 057.44
0 47 30	5911 126.49	5926 375.39	5941 624.36	5956 873.40	5972 122.51
0 50 00	5911 195.57	5926 444.34	5941 693.19	5956 942.11	5972 191.10
0 52 30	5911 268.18	5926 516.83	5941 765.55	5957 014.35	5972 263.21
0 55 00	5911 344.34	5926 592.85	5941 841.44	5957 090.10	5972 338.83
0 57 30	5911 424.04	5926 672.41	5941 920.86	5957 169.38	5972 417.97
1 00 00	5911 507.29	5926 755.51	5942 003.82	5957 252.19	5972 500.63
1 02 30	5911 594.07	5926 842.14	5942 090.29	5957 338.51	5972 586.80
1 05 00	5911 684.40	5926 932.31	5942 180.31	5957 428.36	5972 676.50
1 07 30	5911 778.26	5927 026.02	5942 273.84	5957 521.74	5972 769.70
1 10 00	5911 875.68	5927 123.26	5942 370.91	5957 618.64	5972 866.43
1 12 30	5911 976.63	5927 224.03	5942 471.51	5957 719.06	5972 966.68
1 15 00	5912 081.12	5927 328.34	5942 575.64	5957 823.00	5973 070.44
1 17 30	5912 189.16	5927 436.19	5942 683.30	5957 930.47	5973 177.71
1 20 00	5912 300.74	5927 547.58	5942 794.49	5958 041.46	5973 288.51
1 22 30	5912 415.86	5927 662.49	5942 909.20	5958 155.98	5973 402.82
1 25 00	5912 534.53	5927 780.95	5943 027.45	5958 274.01	5973 520.65
1 27 30	5912 656.73	5927 902.94	5943 149.23	5958 395.58	5973 642.00
1 30 00	5912 782.48	5928 028.47	5943 274.53	5958 520.66	5973 766.86
1 32 30	5912 911.77	5928 157.53	5943 403.37	5958 649.27	5973 895.24
1 35 00	5913 044.60	5928 290.13	5943 535.73	5958 781.40	5974 027.14
1 37 30	5913 180.97	5928 426.26	5943 671.63	5958 917.05	5974 162.55
1 40 00	5913 320.88	5928 565.93	5943 811.05	5959 056.23	5974 301.49
1 42 30	5913 464.34	5928 709.14	5943 954.00	5959 198.93	5974 443.93
1 45 00	5913 611.34	5928 855.88	5944 100.49	5959 345.16	5974 589.90
1 47 30	5913 761.88	5929 006.15	5944 250.50	5959 494.90	5974 739.38
1 50 00	5913 915.96	5929 159.96	5944 404.04	5959 648.18	5974 892.38
1 52 30	5914 073.58	5929 317.31	5944 561.11	5959 804.97	5975 048.89
1 55 00	5914 234.75	5929 478.19	5944 721.71	5959 965.28	5975 208.92
1 57 30	5914 399.46	5929 642.61	5944 885.84	5960 129.12	5975 372.47
2 00 00	5914 567.70	5929 810.57	5945 053.49	5960 296.48	5975 539.54
2 02 30	5914 739.50	5929 982.05	5945 224.68	5960 467.37	5975 710.12
2 05 00	5914 914.83	5930 157.08	5945 399.40	5960 641.78	5975 884.23
2 07 30	5915 093.70	5930 335.64	5945 577.65	5960 819.71	5976 061.84
2 10 00	5915 276.12	5930 517.73	5945 759.42	5961 001.16	5976 242.97
2 12 30	5915 462.07	5930 703.36	5945 944.72	5961 186.14	5976 427.62
2 15 00	5915 651.57	5930 892.53	5946 133.56	5961 374.64	5976 615.79
2 17 30	5915 844.61	5931 085.23	5946 325.92	5961 566.66	5976 807.47
2 20 00	5916 041.19	5931 281.46	5946 521.81	5961 762.21	5977 002.67
2 22 30	5916 241.31	5931 481.24	5946 721.23	5961 961.27	5977 201.38
2 25 00	5916 444.98	5931 684.54	5946 924.18	5962 163.87	5977 403.62
2 27 30	5916 652.18	5931 891.38	5947 130.65	5962 369.98	5977 609.37
2 30 00	5916 862.93	5932 101.76	5947 340.66	5962 579.61	5977 818.63
2 32 30	5917 077.21	5932 315.67	5947 554.19	5962 792.77	5978 031.41
2 35 00	5917 295.04	5932 533.12	5947 771.26	5963 009.45	5978 247.71
2 37 30	5917 516.41	5932 754.10	5947 991.85	5963 229.66	5978 467.52
2 40 00	5917 741.32	5932 978.62	5948 215.97	5963 453.38	5978 690.85
2 42 30	5917 969.78	5933 206.67	5948 443.62	5963 680.63	5978 917.70
2 45 00	5918 201.77	5933 438.25	5948 674.80	5963 911.40	5979 148.06
2 47 30	5918 437.30	5933 673.37	5948 909.51	5964 145.69	5979 381.94
2 50 00	5918 676.38	5933 912.03	5949 147.74	5964 383.51	5979 619.33
2 52 30	5918 918.99	5934 154.22	5949 389.51	5964 624.85	5979 860.24
2 55 00	5919 165.15	5934 399.95	5949 634.80	5964 869.71	5980 104.67
2 57 30	5919 414.85	5934 649.21	5949 883.62	5965 118.09	5980 352.61
3 00 00	5919 668.09	5934 902.00	5950 135.97	5965 369.99	5980 604.07

Second-difference correction to y for indicated value of k (for all Δλ's)

k	0" 150"	5" 145"	10" 140"	15" 135"	20" 130"	25" 125"	30" 120"	35" 115"	40" 110"	45" 105"	50" 100"	55" 95"	60" 90"	65" 85"	70" 80"	75" 75"
Correction	-.01	-.07	-.12	-.17	-.22	-.26	-.30	-.33	-.36	-.38	-.40	-.42	-.44	-.45	-.45	-.45

Correction for h is negligible

ALASKA – ZONES 2 TO 9
STATE PLANE COORDINATES IN FEET – X'

Δλ \ φ	70 20 00	70 22 30	70 25 00	70 27 30	70 30 00
0 00 00	0.00	0.00	0.00	0.00	0.00
0 02 30	5 136.40	5 125.96	5 115.51	5 105.06	5 094.61
0 05 00	10 272.80	10 251.91	10 231.02	10 210.12	10 189.21
0 07 30	15 409.19	15 377.86	15 346.52	15 315.17	15 283.81
0 10 00	20 545.59	20 503.81	20 462.02	20 420.22	20 378.40
0 12 30	25 681.97	25 629.75	25 577.51	25 525.25	25 472.99
0 15 00	30 818.34	30 755.67	30 692.98	30 630.28	30 567.56
0 17 30	35 954.69	35 881.58	35 808.45	35 735.30	35 662.13
0 20 00	41 091.04	41 007.48	40 923.90	40 840.30	40 756.67
0 22 30	46 227.36	46 133.36	46 039.33	45 945.28	45 851.20
0 25 00	51 363.67	51 259.22	51 154.75	51 050.25	50 945.72
0 27 30	56 499.96	56 385.06	56 270.14	56 155.19	56 040.21
0 30 00	61 636.22	61 510.88	61 385.51	61 260.11	61 134.67
0 32 30	66 772.46	66 636.68	66 500.86	66 365.01	66 229.12
0 35 00	71 908.67	71 762.44	71 616.18	71 469.88	71 323.53
0 37 30	77 044.85	76 888.18	76 731.47	76 574.72	76 417.92
0 40 00	82 181.00	82 013.88	81 846.73	81 679.52	81 512.27
0 42 30	87 317.12	87 139.56	86 961.95	86 784.29	86 606.60
0 45 00	92 453.20	92 265.19	92 077.14	91 889.04	91 700.88
0 47 30	97 589.24	97 390.79	97 192.29	96 993.74	96 795.13
0 50 00	102 725.24	102 516.35	102 307.40	102 098.39	101 889.34
0 52 30	107 861.20	107 641.86	107 422.47	107 203.01	106 983.50
0 55 00	112 997.12	112 767.34	112 537.49	112 307.59	112 077.63
0 57 30	118 132.99	117 892.76	117 652.47	117 412.12	117 171.70
1 00 00	123 268.81	123 018.14	122 767.40	122 516.60	122 265.73
1 02 30	128 404.58	128 143.47	127 882.28	127 621.03	127 359.71
1 05 00	133 540.30	133 268.74	132 997.11	132 725.41	132 453.64
1 07 30	138 675.96	138 393.96	138 111.89	137 829.73	137 547.51
1 10 00	143 811.57	143 519.13	143 226.60	142 934.00	142 641.32
1 12 30	148 947.12	148 644.23	148 341.26	148 038.21	147 735.08
1 15 00	154 082.61	153 769.27	153 455.85	153 142.36	152 828.77
1 17 30	159 218.03	158 894.25	158 570.39	158 246.44	157 922.41
1 20 00	164 353.40	164 019.17	163 684.86	163 350.46	163 015.97
1 22 30	169 488.69	169 144.02	168 799.26	168 454.41	168 109.47
1 25 00	174 623.91	174 268.80	173 913.60	173 558.30	173 202.91
1 27 30	179 759.06	179 393.51	179 027.86	178 662.11	178 296.27
1 30 00	184 894.14	184 518.14	184 142.04	183 765.85	183 389.55
1 32 30	190 029.14	189 642.70	189 256.16	188 869.51	188 482.77
1 35 80	195 164.07	194 767.18	194 370.19	193 973.10	193 575.90
1 37 30	200 298.91	199 891.59	199 484.15	199 076.61	198 668.95
1 40 00	205 433.67	205 015.91	204 598.02	204 180.03	203 761.93
1 42 30	210 568.36	210 140.14	209 711.81	209 283.37	208 854.82
1 45 00	215 702.94	215 264.29	214 825.52	214 366.63	213 947.62
1 47 30	220 837.45	220 388.35	219 939.13	219 489.79	219 040.34
1 50 00	225 971.86	225 512.32	225 052.65	224 592.86	224 132.96
1 52 30	231 106.18	230 636.20	230 166.09	229 695.85	229 225.49
1 55 00	236 240.41	235 759.98	235 279.42	234 798.74	234 317.93
1 57 30	241 374.54	240 883.67	240 392.67	239 901.53	239 410.28
2 00 00	246 508.58	246 007.26	245 505.81	245 004.23	244 502.52
2 02 30	251 642.51	251 130.75	250 618.86	250 106.83	249 594.66
2 05 00	256 776.33	256 254.13	255 731.79	255 209.32	254 686.70
2 07 30	261 910.06	261 377.41	260 844.63	260 311.71	259 778.64
2 10 00	267 043.67	266 500.59	265 957.36	265 413.99	264 870.47
2 12 30	272 177.18	271 623.65	271 069.98	270 516.16	269 962.19
2 15 80	277 310.57	276 746.60	276 182.48	275 618.22	275 053.80
2 17 30	282 443.85	281 869.44	281 294.88	280 720.16	280 145.30
2 20 00	287 577.02	286 992.17	286 407.16	285 821.99	285 236.68
2 22 30	292 710.07	292 114.77	291 519.32	290 923.71	290 327.94
2 25 00	297 843.00	297 237.26	296 631.36	296 025.31	295 419.09
2 27 30	302 975.80	302 359.62	301 743.28	301 126.78	300 510.11
2 30 00	308 108.48	307 481.87	306 855.08	306 228.12	305 601.01
2 32 30	313 241.04	312 603.98	311 966.75	311 329.35	310 691.78
2 35 00	318 373.47	317 725.97	317 078.29	316 430.45	315 782.43
2 37 30	323 505.77	322 847.83	322 189.71	321 531.41	320 872.95
2 40 00	328 637.94	327 969.55	327 308.99	326 632.24	325 963.33
2 42 30	333 769.97	333 091.14	332 412.13	331 732.95	331 053.58
2 45 00	338 901.86	338 212.59	337 523.14	336 833.51	336 143.70
2 47 30	344 033.61	343 333.91	342 634.01	341 933.94	341 233.67
2 50 00	349 165.23	348 455.08	347 744.74	347 034.22	346 323.51
2 52 30	354 296.70	353 576.11	352 855.33	352 134.36	351 413.20
2 55 00	359 428.03	358 697.00	357 965.77	357 234.36	356 502.75
2 57 30	364 559.21	363 817.74	363 076.07	362 334.21	361 592.15
3 00 00	369 690.24	368 938.33	368 186.22	367 433.91	366 681.41

Second-difference correction to x' for indicated values of h and Δλ

Δλ \ h	0" 150"	15" 135"	30" 120"	45" 105"	60" 90"	75" 75"
0°	0	0	0	0	0	0
1°	0	+.01	+.01	+.01	+.01	+.01
2°	+.01	+.02	+.02	+.02	+.03	+.03
3°	+.01	+.02	+.03	+.04	+.04	+.04

Correction for k is negligible

ALASKA – ZONES 2 TO 9
STATE PLANE COORDINATES IN FEET – Y

Δλ \ φ	70 20 00	70 22 30	70 25 00	70 27 30	70 30 00
0 00 00	5971 487.62	5986 737.93	6001 988.31	6017 238.76	6032 489.28
0 02 30	5971 489.38	5986 739.69	6001 990.06	6017 240.51	6032 491.02
0 05 00	5971 494.66	5986 744.95	6001 995.32	6017 245.76	6032 496.26
0 07 30	5971 503.45	5986 753.73	6002 004.08	6017 254.51	6032 504.99
0 10 00	5971 515.76	5986 766.02	6002 016.35	6017 266.75	6032 517.22
0 12 30	5971 531.59	5986 781.82	6002 032.12	6017 282.50	6032 532.93
0 15 00	5971 550.94	5986 801.13	6002 051.40	6017 301.74	6032 552.14
0 17 30	5971 573.80	5986 823.95	6002 074.18	6017 324.48	6032 574.84
0 20 00	5971 600.18	5986 850.29	6002 100.47	6017 350.72	6032 601.03
0 22 30	5971 630.08	5986 880.13	6002 130.26	6017 380.46	6032 630.72
0 25 00	5971 663.49	5986 913.49	6002 163.56	6017 413.70	6032 663.90
0 27 30	5971 700.42	5986 950.35	6002 200.36	6017 450.43	6032 700.57
0 30 00	5971 740.88	5986 990.74	6002 240.67	6017 490.66	6032 740.73
0 32 30	5971 784.84	5987 034.62	6002 284.47	6017 534.40	6032 784.39
0 35 00	5971 832.33	5987 082.02	6002 331.79	6017 581.63	6032 831.53
0 37 30	5971 883.33	5987 132.94	6002 382.61	6017 632.36	6032 882.17
0 40 00	5971 937.85	5987 187.36	6002 436.93	6017 686.59	6032 936.30
0 42 30	5971 995.88	5987 245.29	6002 494.77	6017 744.32	6032 993.93
0 45 00	5972 057.44	5987 306.74	6002 556.10	6017 805.54	6033 055.04
0 47 30	5972 122.51	5987 371.69	6002 620.94	6017 870.27	6033 119.65
0 50 00	5972 191.10	5987 440.16	6002 689.29	6017 938.49	6033 187.76
0 52 30	5972 263.21	5987 512.14	6002 761.14	6018 010.21	6033 259.35
0 55 00	5972 338.83	5987 587.62	6002 836.49	6018 085.43	6033 334.43
0 57 30	5972 417.97	5987 666.63	6002 915.35	6018 164.15	6033 413.01
1 00 00	5972 500.63	5987 749.14	6002 997.71	6018 246.37	6033 495.08
1 02 30	5972 586.80	5987 835.16	6003 083.59	6018 332.08	6033 580.64
1 05 00	5972 676.50	5987 924.69	6003 172.96	6018 421.30	6033 669.70
1 07 30	5972 769.70	5988 017.74	6003 265.84	6018 514.01	6033 762.24
1 10 00	5972 866.43	5988 114.29	6003 362.22	6018 610.22	6033 858.28
1 12 30	5972 966.68	5988 214.36	6003 462.11	6018 709.93	6033 957.82
1 15 00	5973 070.44	5988 317.93	6003 565.50	6018 813.14	6034 060.84
1 17 30	5973 177.71	5988 425.02	6003 672.40	6018 919.84	6034 167.35
1 20 00	5973 288.51	5988 535.62	6003 782.80	6019 030.05	6034 277.36
1 22 30	5973 402.82	5988 649.73	6003 896.71	6019 143.75	6034 390.86
1 25 00	5973 520.65	5988 767.35	6004 014.12	6019 260.95	6034 507.85
1 27 30	5973 642.00	5988 888.48	6004 135.04	6019 381.65	6034 628.33
1 30 00	5973 766.86	5989 013.12	6004 259.45	6019 505.85	6034 752.31
1 32 30	5973 895.24	5989 141.28	6004 387.38	6019 633.55	6034 879.77
1 35 00	5974 027.14	5989 272.94	6004 518.81	6019 764.74	6035 010.73
1 37 30	5974 162.55	5989 408.11	6004 653.74	6019 899.43	6035 145.19
1 40 00	5974 301.49	5989 546.80	6004 792.18	6020 037.62	6035 283.13
1 42 30	5974 443.93	5989 688.99	6004 934.12	6020 179.31	6035 424.57
1 45 00	5974 589.90	5989 834.70	6005 079.57	6020 324.50	6035 569.49
1 47 30	5974 739.38	5989 983.92	6005 228.52	6020 473.18	6035 717.91
1 50 00	5974 892.38	5990 136.64	6005 380.97	6020 625.37	6035 869.82
1 52 30	5975 048.89	5990 292.88	6005 536.94	6020 781.05	6036 025.22
1 55 00	5975 208.92	5990 452.63	6005 696.40	6020 940.23	6036 184.12
1 57 30	5975 372.47	5990 615.89	6005 859.37	6021 102.90	6036 346.51
2 00 00	5975 539.54	5990 782.66	6006 025.84	6021 269.08	6036 512.38
2 02 30	5975 710.12	5990 952.94	6006 195.82	6021 438.76	6036 681.75
2 05 00	5975 884.23	5991 126.73	6006 369.30	6021 611.93	6036 854.62
2 07 30	5976 061.84	5991 304.03	6006 546.28	6021 788.60	6037 030.97
2 10 00	5976 242.97	5991 484.84	6006 726.77	6021 968.76	6037 210.81
2 12 30	5976 427.62	5991 669.16	6006 910.76	6022 152.43	6037 394.15
2 15 00	5976 615.79	5991 856.99	6007 098.26	6022 339.59	6037 580.98
2 17 30	5976 807.47	5992 048.34	6007 289.26	6022 530.25	6037 771.29
2 20 00	5977 002.67	5992 243.19	6007 483.77	6022 724.41	6037 965.11
2 22 30	5977 201.38	5992 441.55	6007 681.78	6022 922.06	6038 162.40
2 25 00	5977 403.62	5992 643.42	6007 883.29	6023 123.22	6038 363.20
2 27 30	5977 609.37	5992 848.81	6008 088.31	6023 327.87	6038 567.48
2 30 00	5977 818.63	5993 057.70	6008 296.83	6023 536.02	6038 775.26
2 32 30	5978 031.41	5993 270.10	6008 508.86	6023 747.66	6038 986.53
2 35 00	5978 247.71	5993 486.02	6008 724.39	6023 962.81	6039 201.29
2 37 30	5978 467.52	5993 705.44	6008 943.42	6024 181.45	6039 419.53
2 40 00	5978 690.85	5993 928.38	6009 165.95	6024 403.59	6039 641.28
2 42 30	5978 917.70	5994 154.82	6009 392.00	6024 629.23	6039 866.51
2 45 00	5979 148.06	5994 384.77	6009 621.54	6024 858.36	6040 095.23
2 47 30	5979 381.94	5994 618.23	6009 854.58	6025 090.99	6040 327.45
2 50 00	5979 619.33	5994 855.21	6010 091.14	6025 327.12	6040 563.15
2 52 30	5979 860.24	5995 095.69	6010 331.19	6025 566.74	6040 802.35
2 55 00	5980 104.67	5995 339.68	6010 574.75	6025 809.87	6041 045.04
2 57 30	5980 352.61	5995 587.18	6010 821.81	6026 056.48	6041 291.21
3 00 00	5980 604.07	5995 838.19	6011 072.38	6026 306.60	6041 540.89

Second-difference correction to y for indicated value of k (for all Δλ's)

k	0" 150"	5" 145"	10" 140"	15" 135"	20" 130"	25" 125"	30" 120"	35" 115"	40" 110"	45" 105"	50" 100"	55" 95"	60" 90"	65" 85"	70" 80"	75" 75"
Correction	-.01	-.07	-.12	-.17	-.22	-.26	-.30	-.33	-.36	-.38	-.40	-.42	-.44	-.45	-.45	-.45

Correction for h is negligible

ALASKA – ZONES 2 TO 9
STATE PLANE COORDINATES IN FEET – X'

Δλ \ φ	70 30 00	70 32 30	70 35 00	70 37 30	70 40 00
0 00 00	0.00	0.00	0.00	0.00	0.00
0 02 30	5 094.61	5 084.15	5 073.69	5 063.23	5 052.77
0 05 00	10 189.21	10 168.30	10 147.38	10 126.46	10 105.53
0 07 30	15 283.81	15 252.44	15 221.07	15 189.68	15 158.29
0 10 00	20 378.40	20 336.58	20 294.75	20 252.90	20 211.05
0 12 30	25 472.99	25 420.71	25 368.42	25 316.11	25 263.79
0 15 00	30 567.56	30 504.83	30 442.08	30 379.31	30 316.53
0 17 30	35 662.13	35 588.94	35 515.73	35 442.50	35 369.25
0 20 00	40 756.67	40 673.03	40 589.36	40 505.67	40 421.96
0 22 30	45 851.20	45 757.10	45 662.98	45 568.83	45 474.65
0 25 00	50 945.72	50 841.16	50 736.58	50 631.96	50 527.32
0 27 30	56 040.21	55 925.20	55 810.15	55 695.08	55 579.97
0 30 00	61 134.67	61 009.21	60 883.71	60 758.17	60 632.61
0 32 30	66 229.12	66 093.19	65 957.23	65 821.24	65 685.21
0 35 00	71 323.53	71 177.15	71 030.74	70 884.28	70 737.79
0 37 30	76 417.92	76 261.08	76 104.21	75 947.29	75 790.33
0 40 00	81 512.27	81 344.98	81 177.65	81 010.27	80 842.85
0 42 30	86 606.60	86 428.85	86 251.05	86 073.22	85 895.33
0 45 00	91 700.88	91 512.68	91 324.43	91 136.13	90 947.78
0 47 30	96 795.13	96 596.47	96 397.76	96 199.00	96 000.19
0 50 00	101 889.34	101 680.23	101 471.06	101 261.83	101 052.56
0 52 30	106 983.50	106 763.94	106 544.31	106 324.63	106 104.89
0 55 00	112 077.63	111 847.61	111 617.52	111 387.38	111 157.18
0 57 30	117 171.70	116 931.23	116 690.68	116 450.08	116 209.41
1 00 00	122 265.73	122 014.80	121 763.80	121 512.74	121 261.60
1 02 30	127 359.71	127 098.32	126 836.86	126 575.34	126 313.74
1 05 00	132 453.64	132 181.79	131 909.88	131 637.89	131 365.83
1 07 30	137 547.51	137 265.21	136 982.83	136 700.39	136 417.87
1 10 00	142 641.32	142 348.57	142 055.74	141 762.83	141 469.85
1 12 30	147 735.08	147 431.87	147 128.58	146 825.21	146 521.76
1 15 00	152 828.77	152 515.11	152 201.36	151 887.53	151 573.63
1 17 30	157 922.41	157 598.29	157 274.08	156 949.79	156 625.42
1 20 00	163 015.97	162 681.40	162 346.74	162 011.99	161 677.15
1 22 30	168 109.47	167 764.44	167 419.33	167 074.12	166 728.82
1 25 00	173 202.91	172 847.42	172 491.85	172 136.18	171 780.42
1 27 30	178 296.27	177 930.33	177 564.29	177 198.17	176 831.94
1 30 00	183 389.55	183 013.16	182 636.67	182 260.08	181 883.39
1 32 30	188 482.77	188 095.92	187 708.97	187 321.92	186 934.77
1 35 00	193 575.90	193 178.60	192 781.19	192 383.68	191 986.07
1 37 30	198 668.95	198 261.20	197 853.33	197 445.37	197 037.29
1 40 00	203 761.93	203 343.72	202 925.40	202 506.97	202 088.43
1 42 30	208 854.82	208 426.15	207 997.38	207 568.49	207 139.49
1 45 00	213 947.62	213 508.50	213 069.27	212 629.92	212 190.46
1 47 30	219 040.34	218 590.76	218 141.07	217 691.26	217 241.34
1 50 00	224 132.96	223 672.93	223 212.79	222 752.52	222 292.13
1 52 30	229 225.49	228 755.01	228 284.41	227 813.68	227 342.83
1 55 00	234 317.93	233 837.00	233 355.94	232 874.75	232 393.44
1 57 30	239 410.28	238 918.89	238 427.37	237 935.72	237 443.95
2 00 00	244 502.52	244 000.68	243 498.71	242 996.60	242 494.37
2 02 30	249 594.66	249 082.37	248 569.94	248 057.37	247 544.68
2 05 00	254 686.70	254 163.96	253 641.07	253 118.05	252 594.89
2 07 30	259 778.64	259 245.44	258 712.10	258 178.61	257 645.00
2 10 00	264 870.47	264 326.82	263 783.02	263 239.08	262 695.00
2 12 30	269 962.19	269 408.08	268 853.83	268 299.43	267 744.89
2 15 00	275 053.80	274 489.24	273 924.53	273 359.67	272 794.67
2 17 30	280 145.30	279 570.28	278 995.11	278 419.80	277 844.34
2 20 00	285 236.68	284 651.21	284 065.59	283 479.81	282 893.89
2 22 30	290 327.94	289 732.02	289 135.95	288 539.71	287 943.33
2 25 00	295 419.09	294 812.72	294 206.18	293 599.49	292 992.65
2 27 30	300 510.11	299 893.29	299 276.30	298 659.15	298 041.84
2 30 00	305 601.01	304 973.73	304 346.29	303 718.68	303 090.92
2 32 30	310 691.78	310 054.06	309 416.16	308 778.09	308 139.86
2 35 00	315 782.43	315 134.25	314 485.90	313 837.37	313 188.68
2 37 30	320 872.95	320 214.32	319 555.51	318 896.53	318 237.38
2 40 00	325 963.33	325 294.24	324 624.98	323 955.55	323 285.94
2 42 30	331 053.58	330 374.04	329 694.33	329 014.43	328 334.36
2 45 00	336 143.70	335 453.71	334 763.54	334 073.18	333 382.66
2 47 30	341 233.67	340 533.23	339 832.61	339 131.80	338 430.81
2 50 00	346 323.51	345 612.62	344 901.54	344 190.27	343 478.82
2 52 30	351 413.20	350 691.86	349 970.32	349 248.60	348 526.69
2 55 00	356 502.75	355 770.96	355 038.97	354 306.78	353 574.42
2 57 30	361 592.15	360 849.91	360 107.47	359 364.83	358 622.00
3 00 00	366 681.41	365 928.71	365 175.81	364 422.72	363 669.44

Second-difference correction to x' for indicated values of h and Δλ

Δλ \ h	0" 150"	15" 135"	30" 120"	45" 105"	60" 90"	75" 75"
0°	0	0	0	0	0	0
1°	0	+.01	+.01	+.01	+.01	+.01
2°	+.01	+.02	+.02	+.02	+.03	+.03
3°	+.01	+.02	+.03	+.04	+.04	+.04

Correction for k is negligible

ALASKA – ZONES 2 TO 9
STATE PLANE COORDINATES IN FEET – Y

Δλ \ φ	70 30 00	70 32 30	70 35 00	70 37 30	70 40 00
0 00 00	6032 489.28	6047 739.88	6062 990.54	6078 241.27	6093 492.08
0 02 30	6032 491.02	6047 741.62	6062 992.28	6078 243.01	6093 493.82
0 05 00	6032 496.26	6047 746.85	6062 997.50	6078 248.22	6093 499.02
0 07 30	6032 504.99	6047 755.57	6063 006.20	6078 256.90	6093 507.69
0 10 00	6032 517.22	6047 767.77	6063 018.38	6078 269.06	6093 519.82
0 12 30	6032 532.93	6047 783.45	6063 034.04	6078 284.69	6093 535.42
0 15 00	6032 552.14	6047 802.63	6063 053.18	6078 303.80	6093 554.50
0 17 30	6032 574.84	6047 825.29	6063 075.80	6078 326.38	6093 577.03
0 20 00	6032 601.03	6047 851.43	6063 101.90	6078 352.43	6093 603.04
0 22 30	6032 630.72	6047 881.07	6063 131.48	6078 381.95	6093 632.51
0 25 00	6032 663.90	6047 914.19	6063 164.53	6078 414.95	6093 665.45
0 27 30	6032 700.57	6047 950.79	6063 201.07	6078 451.43	6093 701.85
0 30 00	6032 740.73	6047 990.88	6063 241.09	6078 491.37	6093 741.73
0 32 30	6032 784.39	6048 034.46	6063 284.59	6078 534.79	6093 785.07
0 35 00	6032 831.53	6048 081.52	6063 331.57	6078 581.68	6093 831.88
0 37 30	6032 882.17	6048 132.07	6063 382.02	6078 632.05	6093 882.15
0 40 00	6032 936.30	6048 186.10	6063 435.96	6078 685.89	6093 935.89
0 42 30	6032 993.93	6048 243.62	6063 493.37	6078 743.20	6093 993.10
0 45 00	6033 055.04	6048 304.63	6063 554.27	6078 803.99	6094 053.78
0 47 30	6033 119.65	6048 369.12	6063 618.65	6078 868.25	6094 117.92
0 50 00	6033 187.76	6048 437.10	6063 686.51	6078 935.98	6094 185.53
0 52 30	6033 259.35	6048 508.56	6063 757.84	6079 007.19	6094 256.61
0 55 00	6033 334.43	6048 583.52	6063 832.66	6079 081.87	6094 331.16
0 57 30	6033 413.01	6048 661.95	6063 910.95	6079 160.02	6094 409.17
1 00 00	6033 495.08	6048 743.87	6063 992.73	6079 241.65	6094 490.65
1 02 30	6033 580.64	6048 829.28	6064 077.98	6079 326.75	6094 575.60
1 05 00	6033 669.70	6048 918.17	6064 166.72	6079 415.32	6094 664.01
1 07 30	6033 762.24	6049 010.56	6064 258.93	6079 507.37	6094 755.89
1 10 00	6033 858.28	6049 106.42	6064 354.62	6079 602.89	6094 851.23
1 12 30	6033 957.82	6049 205.77	6064 453.80	6079 701.89	6094 950.05
1 15 00	6034 060.84	6049 308.62	6064 556.45	6079 804.36	6095 052.33
1 17 30	6034 167.35	6049 414.94	6064 662.58	6079 910.30	6095 158.08
1 20 00	6034 277.36	6049 524.75	6064 772.19	6080 019.71	6095 267.30
1 22 30	6034 390.86	6049 638.04	6064 885.29	6080 132.60	6095 379.98
1 25 00	6034 507.85	6049 754.83	6065 001.86	6080 248.95	6095 496.13
1 27 30	6034 628.33	6049 875.09	6065 121.91	6080 368.79	6095 615.74
1 30 00	6034 752.31	6049 998.84	6065 245.44	6080 492.10	6095 738.83
1 32 30	6034 879.77	6050 126.08	6065 372.45	6080 618.88	6095 865.38
1 35 00	6035 010.73	6050 256.81	6065 502.94	6080 749.13	6095 995.40
1 37 30	6035 145.19	6050 391.02	6065 636.90	6080 882.86	6096 128.88
1 40 00	6035 283.13	6050 528.71	6065 774.35	6081 020.06	6096 265.83
1 42 30	6035 424.57	6050 669.89	6065 915.28	6081 160.73	6096 406.25
1 45 00	6035 569.49	6050 814.56	6066 059.68	6081 304.87	6096 550.13
1 47 30	6035 717.91	6050 962.71	6066 207.57	6081 452.49	6096 697.48
1 50 00	6035 869.82	6051 114.35	6066 358.94	6081 603.58	6096 848.30
1 52 30	6036 025.22	6051 269.47	6066 513.78	6081 758.15	6097 002.58
1 55 00	6036 184.12	6051 428.08	6066 672.10	6081 916.19	6097 160.33
1 57 30	6036 346.51	6051 590.18	6066 833.91	6082 077.69	6097 321.55
2 00 00	6036 512.38	6051 755.76	6066 999.18	6082 242.68	6097 486.24
2 02 30	6036 681.75	6051 924.82	6067 167.95	6082 411.13	6097 654.39
2 05 00	6036 854.62	6052 097.37	6067 340.19	6082 583.06	6097 826.00
2 07 30	6037 030.97	6052 273.41	6067 515.91	6082 758.46	6098 001.09
2 10 00	6037 210.81	6052 452.93	6067 695.10	6082 937.33	6098 179.64
2 12 30	6037 394.15	6052 635.94	6067 877.78	6083 119.68	6098 361.65
2 15 00	6037 580.98	6052 822.43	6068 063.94	6083 305.50	6098 547.14
2 17 30	6037 771.29	6053 012.41	6068 253.57	6083 494.80	6098 736.09
2 20 00	6037 965.11	6053 205.87	6068 446.68	6083 687.56	6098 928.50
2 22 30	6038 162.40	6053 402.82	6068 643.28	6083 883.80	6099 124.38
2 25 00	6038 363.20	6053 603.25	6068 843.35	6084 083.51	6099 323.73
2 27 30	6038 567.48	6053 807.17	6069 046.90	6084 286.69	6099 526.55
2 30 00	6038 775.26	6054 014.57	6069 253.93	6084 493.35	6099 732.83
2 32 30	6038 986.53	6054 225.46	6069 464.44	6084 703.47	6099 942.57
2 35 00	6039 201.29	6054 439.83	6069 678.42	6084 917.07	6100 155.79
2 37 30	6039 419.53	6054 657.69	6069 895.89	6085 134.14	6100 372.46
2 40 00	6039 641.28	6054 879.03	6070 116.83	6085 354.69	6100 592.61
2 42 30	6039 866.51	6055 103.86	6070 341.25	6085 578.70	6100 816.22
2 45 00	6040 095.23	6055 332.17	6070 569.15	6085 806.19	6101 043.30
2 47 30	6040 327.45	6055 563.97	6070 800.53	6086 037.15	6101 273.84
2 50 00	6040 563.15	6055 799.25	6071 035.39	6086 271.59	6101 507.85
2 52 30	6040 802.35	6056 038.02	6071 273.73	6086 509.49	6101 745.32
2 55 00	6041 045.04	6056 280.27	6071 515.55	6086 750.87	6101 986.26
2 57 30	6041 291.21	6056 526.00	6071 760.84	6086 995.72	6102 230.67
3 00 00	6041 540.89	6056 775.22	6072 009.61	6087 244.05	6102 478.54

Second-difference correction to y for indicated value of k (for all Δλ's)

k	0" 150"	5" 145"	10" 140"	15" 135"	20" 130"	25" 125"	30" 120"	35" 115"	40" 110"	45" 105"	50" 100"	55" 95"	60" 90"	65" 85"	70" 80"	75" 75"
Correction	-.01	-.06	-.11	-.16	-.20	-.24	-.28	-.31	-.34	-.37	-.39	-.41	-.42	-.43	-.43	-.43

Correction for h is negligible

ALASKA – ZONES 2 TO 9
STATE PLANE COORDINATES IN FEET – X'

Δλ \ φ	70 40 00	70 42 30	70 45 00	70 47 30	70 50 00
0 00 00	0.00	0.00	0.00	0.00	0.00
0 02 30	5 052.77	5 042.30	5 031.83	5 021.36	5 010.89
0 05 00	10 105.53	10 084.60	10 063.66	10 042.72	10 021.76
0 07 30	15 158.29	15 126.89	15 095.48	15 064.07	15 032.64
0 10 00	20 211.05	20 169.18	20 127.30	20 085.41	20 043.51
0 12 30	25 263.79	25 211.46	25 159.11	25 106.75	25 054.38
0 15 00	30 316.53	30 253.73	30 190.91	30 128.08	30 065.23
0 17 30	35 369.25	35 295.99	35 222.70	35 149.39	35 076.07
0 20 00	40 421.96	40 338.23	40 254.47	40 170.69	40 086.90
0 22 30	45 474.65	45 380.45	45 286.23	45 191.98	45 097.71
0 25 00	50 527.32	50 422.66	50 317.96	50 213.24	50 108.50
0 27 30	55 579.97	55 464.84	55 349.68	55 234.49	55 119.26
0 30 00	60 632.61	60 507.00	60 381.37	60 255.71	60 130.01
0 32 30	65 685.21	65 549.14	65 413.04	65 276.91	65 140.73
0 35 00	70 737.79	70 591.25	70 444.69	70 298.07	70 151.43
0 37 30	75 790.33	75 633.34	75 476.30	75 319.21	75 162.09
0 40 00	80 842.85	80 675.38	80 507.88	80 340.32	80 172.73
0 42 30	85 895.33	85 717.40	85 539.42	85 361.40	85 183.33
0 45 00	90 947.78	90 759.39	90 570.93	90 382.44	90 193.89
0 47 30	96 000.19	95 801.33	95 602.41	95 403.44	95 204.43
0 50 00	101 052.56	100 843.23	100 633.85	100 424.41	100 214.91
0 52 30	106 104.89	105 885.09	105 665.24	105 445.33	105 225.36
0 55 00	111 157.18	110 926.91	110 696.59	110 466.21	110 235.76
0 57 30	116 209.41	115 968.69	115 727.89	115 487.04	115 246.12
1 00 00	121 261.60	121 010.41	120 759.15	120 507.82	120 256.43
1 02 30	126 313.74	126 052.08	125 790.36	125 528.56	125 266.69
1 05 00	131 365.83	131 093.71	130 821.51	130 549.24	130 276.90
1 07 30	136 417.87	136 135.28	135 852.61	135 569.87	135 287.06
1 10 00	141 469.85	141 176.79	140 883.65	140 590.44	140 297.15
1 12 30	146 521.76	146 218.24	145 914.64	145 610.95	145 307.19
1 15 00	151 573.63	151 259.64	150 945.56	150 631.41	150 317.17
1 17 30	156 625.42	156 300.97	155 976.43	155 651.80	155 327.09
1 20 00	161 677.15	161 342.23	161 007.22	160 672.13	160 336.94
1 22 30	166 728.82	166 383.43	166 037.96	165 692.39	165 346.73
1 25 00	171 780.42	171 424.56	171 068.61	170 712.58	170 356.45
1 27 30	176 831.94	176 465.62	176 099.21	175 732.70	175 366.10
1 30 00	181 883.39	181 506.61	181 129.73	180 752.75	180 375.67
1 32 30	186 934.77	186 547.52	186 160.17	185 772.72	185 385.17
1 35 00	191 986.07	191 588.36	191 190.54	190 792.62	190 394.59
1 37 30	197 037.29	196 629.11	196 220.82	195 812.43	195 403.94
1 40 00	202 088.43	201 669.79	201 251.03	200 832.17	200 413.20
1 42 30	207 139.49	206 710.38	206 281.15	205 851.82	205 422.38
1 45 00	212 190.46	211 750.89	211 311.19	210 871.39	210 431.47
1 47 30	217 241.34	216 791.30	216 341.15	215 890.87	215 440.48
1 50 00	222 292.13	221 831.63	221 371.00	220 910.26	220 449.40
1 52 30	227 342.83	226 871.86	226 400.77	225 929.55	225 458.22
1 55 00	232 393.44	231 912.01	231 430.45	230 948.76	230 466.95
1 57 30	237 443.95	236 952.05	236 460.02	235 967.87	235 475.59
2 00 00	242 494.37	241 992.00	241 489.51	240 986.88	240 484.13
2 02 30	247 544.68	247 031.85	246 518.89	246 005.79	245 492.57
2 05 00	252 594.89	252 071.60	251 548.17	251 024.60	250 500.91
2 07 30	257 645.00	257 111.24	256 577.34	256 043.31	255 509.14
2 10 00	262 695.00	262 150.77	261 606.41	261 061.91	260 517.27
2 12 30	267 744.89	267 190.20	266 635.38	266 080.40	265 525.29
2 15 00	272 794.67	272 229.52	271 664.23	271 098.78	270 533.20
2 17 30	277 844.34	277 268.72	276 692.96	276 117.05	275 540.99
2 20 00	282 893.89	282 307.81	281 721.59	281 135.21	280 548.67
2 22 30	287 943.33	287 346.79	286 750.09	286 153.24	285 556.24
2 25 00	292 992.65	292 385.64	291 778.48	291 171.17	290 563.69
2 27 30	298 041.84	297 424.38	296 806.75	296 188.96	295 571.02
2 30 00	303 090.92	302 462.98	301 834.89	301 206.64	300 578.22
2 32 30	308 139.86	307 501.47	306 862.91	306 224.19	305 585.30
2 35 00	313 188.68	312 539.83	311 890.80	311 241.61	310 592.25
2 37 30	318 237.36	317 578.06	316 918.57	316 258.91	315 599.08
2 40 00	323 285.94	322 616.16	321 946.20	321 276.07	320 605.77
2 42 30	328 334.36	327 654.12	326 973.70	326 293.10	325 612.33
2 45 00	333 382.66	332 691.95	332 001.06	331 310.00	330 618.75
2 47 30	338 430.81	337 729.64	337 028.29	336 326.76	335 625.04
2 50 00	343 478.82	342 767.19	342 055.37	341 343.37	340 631.19
2 52 30	348 526.69	347 804.60	347 082.31	346 359.85	345 637.20
2 55 00	353 574.42	352 841.87	352 109.12	351 376.18	350 643.06
2 57 30	358 622.00	357 878.98	357 135.77	356 392.37	355 648.77
3 00 00	363 669.44	362 915.95	362 162.28	361 408.41	360 654.35

Second-difference correction to x' for indicated values of h and Δλ

Δλ \ h	0" 150"	15" 135"	30" 120"	45" 105"	60" 90"	75" 75"
0°	0	0	0	0	0	0
1°	0	+.01	+.01	+.01	+.01	+.01
2°	+.01	+.02	+.02	+.02	+.03	+.03
3°	+.01	+.02	+.03	+.04	+.04	+.04

Correction for k is negligible

ALASKA – ZONES 2 TO 9
STATE PLANE COORDINATES IN FEET – Y

Δλ \ φ	70 40 00	70 42 30	70 45 00	70 47 30	70 50 00
0 00 00	6093 492.08	6108 742.96	6123 993.91	6139 244.93	6154 496.02
0 02 30	6093 493.82	6108 744.69	6123 995.64	6139 246.65	6154 497.74
0 05 00	6093 499.02	6108 749.88	6124 000.82	6139 251.83	6154 502.90
0 07 30	6093 507.69	6108 758.54	6124 009.46	6139 260.45	6154 511.51
0 10 00	6093 519.82	6108 770.65	6124 021.55	6139 272.51	6154 523.55
0 12 30	6093 535.42	6108 786.22	6124 037.10	6139 288.03	6154 539.04
0 15 00	6093 554.50	6108 805.26	6124 056.10	6139 307.00	6154 557.97
0 17 30	6093 577.03	6108 827.76	6124 078.55	6139 329.41	6154 580.35
0 20 00	6093 603.04	6108 853.71	6124 104.46	6139 355.28	6154 606.16
0 22 30	6093 632.51	6108 883.13	6124 133.83	6139 384.59	6154 635.42
0 25 00	6093 665.45	6108 916.01	6124 166.65	6139 417.35	6154 668.12
0 27 30	6093 701.85	6108 952.35	6124 202.92	6139 453.55	6154 704.26
0 30 00	6093 741.73	6108 992.15	6124 242.65	6139 493.21	6154 743.84
0 32 30	6093 785.07	6109 035.41	6124 285.83	6139 536.31	6154 786.87
0 35 00	6093 831.88	6109 082.14	6124 332.47	6139 582.87	6154 833.34
0 37 30	6093 882.15	6109 132.32	6124 382.56	6139 632.87	6154 883.24
0 40 00	6093 935.89	6109 185.96	6124 436.11	6139 686.31	6154 936.59
0 42 30	6093 993.10	6109 243.07	6124 493.11	6139 743.21	6154 993.38
0 45 00	6094 053.78	6109 303.64	6124 553.56	6139 803.56	6155 053.62
0 47 30	6094 117.92	6109 367.66	6124 617.47	6139 867.35	6155 117.30
0 50 00	6094 185.53	6109 435.15	6124 684.84	6139 934.59	6155 184.42
0 52 30	6094 256.61	6109 506.10	6124 755.66	6140 005.28	6155 254.98
0 55 00	6094 331.16	6109 580.51	6124 829.93	6140 079.42	6155 328.98
0 57 30	6094 409.17	6109 658.38	6124 907.66	6140 157.01	6155 406.43
1 00 00	6094 490.65	6109 739.71	6124 988.85	6140 238.04	6155 487.31
1 02 30	6094 575.60	6109 824.51	6125 073.48	6140 322.53	6155 571.64
1 05 00	6094 664.01	6109 912.76	6125 161.57	6140 410.45	6155 659.41
1 07 30	6094 755.89	6110 004.47	6125 253.12	6140 501.84	6155 750.62
1 10 00	6094 851.23	6110 099.65	6125 348.12	6140 596.66	6155 845.27
1 12 30	6094 950.05	6110 198.28	6125 446.58	6140 694.94	6155 943.37
1 15 00	6095 052.33	6110 300.38	6125 548.49	6140 796.66	6156 044.91
1 17 30	6095 158.08	6110 405.93	6125 653.85	6140 901.84	6156 149.88
1 20 00	6095 267.30	6110 514.95	6125 762.67	6141 010.45	6156 258.30
1 22 30	6095 379.98	6110 627.43	6125 874.94	6141 122.52	6156 370.16
1 25 00	6095 496.13	6110 743.37	6125 990.67	6141 238.04	6156 485.47
1 27 30	6095 615.74	6110 862.76	6126 109.85	6141 357.00	6156 604.22
1 30 00	6095 738.83	6110 985.63	6126 232.48	6141 479.41	6156 726.40
1 32 30	6095 865.38	6111 111.94	6126 358.58	6141 605.27	6156 852.03
1 35 00	6095 995.40	6111 241.72	6126 488.12	6141 734.58	6156 981.10
1 37 30	6096 128.88	6111 374.96	6126 621.12	6141 867.33	6157 113.61
1 40 00	6096 265.83	6111 511.67	6126 757.57	6142 003.54	6157 249.56
1 42 30	6096 406.25	6111 651.83	6126 897.48	6142 143.19	6157 388.96
1 45 00	6096 550.13	6111 795.45	6127 040.84	6142 286.29	6157 531.80
1 47 30	6096 697.48	6111 942.54	6127 187.65	6142 432.83	6157 678.07
1 50 00	6096 848.30	6112 093.08	6127 337.93	6142 582.83	6157 827.79
1 52 30	6097 002.58	6112 247.08	6127 491.65	6142 736.27	6157 980.95
1 55 00	6097 160.33	6112 404.55	6127 648.82	6142 893.16	6158 137.56
1 57 30	6097 321.55	6112 565.47	6127 809.46	6143 053.49	6158 297.60
2 00 00	6097 486.24	6112 729.86	6127 973.54	6143 217.28	6158 461.08
2 02 30	6097 654.39	6112 897.70	6128 141.08	6143 384.51	6158 628.01
2 05 00	6097 826.00	6113 069.01	6128 312.07	6143 555.19	6158 798.38
2 07 30	6098 001.09	6113 243.77	6128 486.52	6143 729.32	6158 972.19
2 10 00	6098 179.64	6113 422.00	6128 664.42	6143 906.90	6159 149.43
2 12 30	6098 361.65	6113 603.68	6128 845.77	6144 087.92	6159 330.12
2 15 00	6098 547.14	6113 788.83	6129 030.58	6144 272.39	6159 514.26
2 17 30	6098 736.09	6113 977.43	6129 218.84	6144 460.31	6159 701.83
2 20 00	6098 928.50	6114 169.50	6129 410.56	6144 651.67	6159 892.84
2 22 30	6099 124.38	6114 365.02	6129 605.73	6144 846.48	6160 087.30
2 25 00	6099 323.73	6114 564.01	6129 804.35	6145 044.74	6160 285.20
2 27 30	6099 526.55	6114 766.45	6130 006.42	6145 246.45	6160 486.53
2 30 00	6099 732.83	6114 972.36	6130 211.96	6145 451.60	6160 691.31
2 32 30	6099 942.57	6115 181.73	6130 420.94	6145 660.20	6160 899.52
2 35 00	6100 155.79	6115 394.55	6130 633.37	6145 872.25	6161 111.19
2 37 30	6100 372.46	6115 610.84	6130 849.27	6146 087.75	6161 326.29
2 40 00	6100 592.61	6115 830.58	6131 068.61	6146 306.69	6161 544.83
2 42 30	6100 816.22	6116 053.78	6131 291.40	6146 529.08	6161 766.81
2 45 00	6101 043.30	6116 280.45	6131 517.66	6146 754.92	6161 992.23
2 47 30	6101 273.84	6116 510.57	6131 747.36	6146 984.20	6162 221.09
2 50 00	6101 507.85	6116 744.15	6131 980.52	6147 216.93	6162 453.40
2 52 30	6101 745.32	6116 981.20	6132 217.13	6147 453.11	6162 689.14
2 55 00	6101 986.26	6117 221.70	6132 457.19	6147 692.74	6162 928.33
2 57 30	6102 230.67	6117 465.66	6132 700.71	6147 935.80	6163 170.95
3 00 00	6102 478.54	6117 713.08	6132 947.68	6148 182.32	6163 417.02

Second-difference correction to y for indicated value of k (for all Δλ's)

k	0" 150"	5" 145"	10" 140"	15" 135"	20" 130"	25" 125"	30" 120"	35" 115"	40" 110"	45" 105"	50" 100"	55" 95"	60" 90"	65" 85"	70" 80"	75" 75"
Correction	-.01	-.06	-.11	-.16	-.20	-.24	-.28	-.31	-.34	-.37	-.39	-.41	-.42	-.43	-.43	-.43

Correction for h is negligible

ALASKA – ZONES 2 TO 9
STATE PLANE COORDINATES IN FEET – X'

Δλ \ φ	70 50 00	70 52 30	70 55 00	70 57 30	71 00 00
0 00 00	0.00	0.00	0.00	0.00	0.00
0 02 30	5 010.89	5 000.41	4 989.93	4 979.44	4 968.96
0 05 00	10 021.76	10 000.81	9 979.85	9 958.88	9 937.91
0 07 30	15 032.64	15 001.21	14 969.77	14 938.32	14 906.86
0 10 00	20 043.51	20 001.60	19 959.68	19 917.75	19 875.81
0 12 30	25 054.38	25 001.99	24 949.59	24 897.17	24 844.75
0 15 00	30 065.23	30 002.36	29 939.48	29 876.59	29 813.67
0 17 30	35 076.07	35 002.73	34 929.37	34 855.99	34 782.59
0 20 00	40 086.90	40 003.08	39 919.23	39 835.37	39 751.49
0 22 30	45 097.71	45 003.41	44 909.09	44 814.74	44 720.37
0 25 00	50 108.50	50 003.72	49 898.92	49 794.09	49 689.24
0 27 30	55 119.26	55 004.01	54 888.73	54 773.42	54 658.08
0 30 00	60 130.01	60 004.28	59 878.52	59 752.73	59 626.90
0 32 30	65 140.73	65 004.53	64 868.29	64 732.01	64 595.70
0 35 00	70 151.43	70 004.75	69 858.02	69 711.26	69 564.47
0 37 30	75 162.09	75 004.93	74 847.73	74 690.49	74 533.21
0 40 00	80 172.73	80 005.09	79 837.41	79 669.69	79 501.92
0 42 30	85 183.33	85 005.21	84 827.05	84 648.85	84 470.59
0 45 00	90 193.89	90 005.30	89 816.66	89 627.97	89 439.24
0 47 30	95 204.43	95 005.35	94 806.23	94 607.06	94 407.84
0 50 00	100 214.91	100 005.36	99 795.76	99 586.11	99 376.41
0 52 30	105 225.36	105 005.33	104 785.26	104 565.12	104 344.93
0 55 00	110 235.76	110 005.26	109 774.70	109 544.08	109 313.41
0 57 30	115 246.12	115 005.14	114 764.10	114 523.00	114 281.84
1 00 00	120 256.43	120 004.98	119 753.46	119 501.87	119 250.23
1 02 30	125 266.69	125 004.76	124 742.76	124 480.70	124 218.56
1 05 00	130 276.90	130 004.49	129 732.01	129 459.46	129 186.84
1 07 30	135 287.06	135 004.17	134 721.21	134 438.18	134 155.08
1 10 00	140 297.15	140 003.79	139 710.36	139 416.84	139 123.25
1 12 30	145 307.19	145 003.35	144 699.44	144 395.44	144 091.37
1 15 00	150 317.17	150 002.86	149 688.46	149 373.98	149 059.43
1 17 30	155 327.09	155 002.30	154 677.42	154 352.46	154 027.42
1 20 00	160 336.94	160 001.67	159 666.32	159 330.88	158 995.35
1 22 30	165 346.73	165 000.99	164 655.15	164 309.23	163 963.22
1 25 00	170 356.45	170 000.23	169 643.92	169 287.51	168 931.01
1 27 30	175 366.10	174 999.40	174 632.61	174 265.72	173 898.74
1 30 00	180 375.67	179 998.49	179 621.23	179 243.86	178 866.39
1 32 30	185 385.17	184 997.52	184 609.77	184 221.92	183 833.97
1 35 00	190 394.59	189 996.47	189 598.24	189 199.91	188 801.47
1 37 30	195 403.94	194 995.34	194 586.63	194 177.81	193 768.90
1 40 00	200 413.20	199 994.12	199 574.94	199 155.64	198 736.24
1 42 30	205 422.38	204 992.82	204 563.16	204 133.38	203 703.50
1 45 00	210 431.47	209 991.44	209 551.30	209 111.05	208 670.68
1 47 30	215 440.48	214 989.97	214 539.35	214 088.61	213 637.76
1 50 00	220 449.40	219 988.41	219 527.31	219 066.09	218 604.76
1 52 30	225 458.22	224 986.76	224 515.19	224 043.49	223 571.67
1 55 00	230 466.95	229 985.02	229 502.97	229 020.79	228 538.48
1 57 30	235 475.59	234 983.18	234 490.65	233 997.99	233 505.20
2 00 00	240 484.13	239 981.25	239 478.23	238 975.09	238 471.82
2 02 30	245 492.57	244 979.21	244 465.72	243 952.10	243 438.35
2 05 00	250 500.91	249 977.07	249 453.11	248 929.00	248 404.77
2 07 30	255 509.14	254 974.83	254 440.39	253 905.80	253 371.08
2 10 00	260 517.27	259 972.49	259 427.57	258 882.50	258 337.30
2 12 30	265 525.29	264 970.03	264 414.63	263 859.09	263 303.40
2 15 00	270 533.20	269 967.47	269 401.59	268 835.56	268 269.40
2 17 30	275 540.99	274 964.78	274 388.43	273 811.93	273 235.28
2 20 00	280 548.67	279 961.99	279 375.16	278 788.18	278 201.05
2 22 30	285 556.24	284 959.09	284 361.78	283 764.31	283 166.70
2 25 00	290 563.69	289 956.06	289 348.28	288 740.33	288 132.24
2 27 30	295 571.02	294 952.91	294 334.65	293 716.23	293 097.65
2 30 00	300 578.22	299 949.64	299 320.90	298 692.00	298 062.94
2 32 30	305 585.30	304 946.25	304 307.03	303 667.65	303 028.11
2 35 00	310 592.25	309 942.73	309 293.03	308 643.17	307 993.15
2 37 30	315 599.08	314 939.08	314 278.91	313 618.57	312 958.06
2 40 00	320 605.77	319 935.30	319 264.65	318 593.83	317 922.85
2 42 30	325 612.33	324 931.38	324 250.26	323 568.97	322 887.50
2 45 00	330 618.75	329 927.33	329 235.74	328 543.96	327 852.01
2 47 30	335 625.04	334 923.15	334 221.08	333 518.82	332 816.39
2 50 00	340 631.19	339 918.82	339 206.28	338 493.55	337 780.63
2 52 30	345 637.20	344 914.36	344 191.33	343 468.12	342 744.73
2 55 00	350 643.06	349 909.75	349 176.25	348 442.56	347 708.69
2 57 30	355 648.77	354 904.99	354 161.02	353 416.85	352 672.50
3 00 00	360 654.35	359 900.09	359 145.64	358 391.00	357 636.16

Second-difference correction to x' for indicated values of h and Δλ

Δλ \ h	0" 150"	15" 135"	30" 120"	45" 105"	60" 90"	75" 75"
0°	0	0	0	0	0	0
1°	0	+.01	+.01	+.01	+.01	+.01
2°	+.01	+.02	+.02	+.02	+.03	+.03
3°	+.01	+.02	+.03	+.04	+.04	+.04

Correction for k is negligible

ALASKA – ZONES 2 TO 9
STATE PLANE COORDINATES IN FEET – Y

Δλ \ φ	70 50 00	70 52 30	70 55 00	70 57 30	71 00 00
0 00 00	6154 496.02	6169 747.18	6184 998.41	6200 249.71	6215 501.08
0 02 30	6154 497.74	6169 748.90	6185 000.12	6200 251.42	6215 502.78
0 05 00	6154 502.90	6169 754.05	6185 005.27	6200 256.56	6215 507.91
0 07 30	6154 511.51	6169 762.64	6185 013.84	6200 265.11	6215 516.45
0 10 00	6154 523.55	6169 774.66	6185 025.84	6200 277.09	6215 528.41
0 12 30	6154 539.04	6169 790.12	6185 041.27	6200 292.50	6215 543.78
0 15 00	6154 557.97	6169 809.02	6185 060.14	6200 311.32	6215 562.57
0 17 30	6154 580.35	6169 831.35	6185 082.43	6200 333.57	6215 584.78
0 20 00	6154 606.16	6169 857.12	6185 108.15	6200 359.25	6215 610.41
0 22 30	6154 635.42	6169 886.32	6185 137.29	6200 388.34	6215 639.45
0 25 00	6154 668.12	6169 918.96	6185 169.87	6200 420.86	6215 671.91
0 27 30	6154 704.26	6169 955.04	6185 205.88	6200 456.80	6215 707.78
0 30 00	6154 743.84	6169 994.55	6185 245.32	6200 496.16	6215 747.08
0 32 30	6154 786.87	6170 037.49	6185 288.19	6200 538.95	6215 789.78
0 35 00	6154 833.34	6170 083.88	6185 334.48	6200 585.16	6215 835.91
0 37 30	6154 883.24	6170 133.69	6185 384.21	6200 634.80	6215 885.45
0 40 00	6154 936.59	6170 186.94	6185 437.36	6200 687.85	6215 938.40
0 42 30	6154 993.38	6170 243.63	6185 493.94	6200 744.33	6215 994.78
0 45 00	6155 053.62	6170 303.76	6185 553.96	6200 804.23	6216 054.57
0 47 30	6155 117.30	6170 367.32	6185 617.40	6200 867.56	6216 117.78
0 50 00	6155 184.42	6170 434.31	6185 684.27	6200 934.31	6216 184.40
0 52 30	6155 254.98	6170 504.74	6185 754.57	6201 004.47	6216 254.44
0 55 00	6155 328.98	6170 578.61	6185 828.30	6201 078.07	6216 327.90
0 57 30	6155 406.43	6170 655.91	6185 905.47	6201 155.09	6216 404.77
1 00 00	6155 487.31	6170 736.65	6185 986.05	6201 235.53	6216 485.06
1 02 30	6155 571.64	6170 820.82	6186 070.07	6201 319.39	6216 568.77
1 05 00	6155 659.41	6170 908.43	6186 157.52	6201 406.67	6216 655.89
1 07 30	6155 750.62	6170 999.47	6186 248.39	6201 497.38	6216 746.43
1 10 00	6155 845.27	6171 093.95	6186 342.70	6201 591.51	6216 840.39
1 12 30	6155 943.37	6171 191.87	6186 440.43	6201 689.07	6216 937.76
1 15 00	6156 044.91	6171 293.21	6186 541.59	6201 790.04	6217 038.55
1 17 30	6156 149.88	6171 398.00	6186 646.19	6201 894.44	6217 142.75
1 20 00	6156 258.30	6171 506.22	6186 754.21	6202 002.26	6217 250.38
1 22 30	6156 370.16	6171 617.88	6186 865.66	6202 113.50	6217 361.41
1 25 00	6156 485.47	6171 732.97	6186 980.54	6202 228.17	6217 475.87
1 27 30	6156 604.22	6171 851.50	6187 098.85	6202 346.26	6217 593.74
1 30 00	6156 726.40	6171 973.46	6187 220.58	6202 467.77	6217 715.02
1 32 30	6156 852.03	6172 098.86	6187 345.75	6202 592.71	6217 839.73
1 35 00	6156 981.10	6172 227.69	6187 474.34	6202 721.07	6217 967.85
1 37 30	6157 113.61	6172 359.96	6187 606.37	6202 852.85	6218 099.38
1 40 00	6157 249.56	6172 495.66	6187 741.82	6202 988.05	6218 234.33
1 42 30	6157 388.96	6172 634.80	6187 880.70	6203 126.67	6218 372.70
1 45 00	6157 531.80	6172 777.37	6188 023.01	6203 268.72	6218 514.48
1 47 30	6157 678.07	6172 923.38	6188 168.75	6203 414.19	6218 659.68
1 50 00	6157 827.79	6173 072.82	6188 317.92	6203 563.08	6218 808.30
1 52 30	6157 980.95	6173 225.70	6188 470.52	6203 715.39	6218 960.33
1 55 00	6158 137.56	6173 382.02	6188 626.54	6203 871.13	6219 115.78
1 57 30	6158 297.60	6173 541.77	6188 786.00	6204 030.29	6219 274.64
2 00 00	6158 461.08	6173 704.95	6188 948.88	6204 192.87	6219 436.92
2 02 30	6158 628.01	6173 871.57	6189 115.19	6204 358.87	6219 602.62
2 05 00	6158 798.38	6174 041.62	6189 284.93	6204 528.30	6219 771.73
2 07 30	6158 972.19	6174 215.11	6189 458.10	6204 701.15	6219 944.25
2 10 00	6159 149.43	6174 392.04	6189 634.70	6204 877.42	6220 120.20
2 12 30	6159 330.12	6174 572.39	6189 814.72	6205 057.11	6220 299.56
2 15 00	6159 514.26	6174 756.19	6189 998.17	6205 240.22	6220 482.33
2 17 30	6159 701.83	6174 943.41	6190 185.05	6205 426.76	6220 668.52
2 20 00	6159 892.84	6175 134.08	6190 375.37	6205 616.72	6220 858.13
2 22 30	6160 087.30	6175 328.17	6190 569.10	6205 810.10	6221 051.15
2 25 00	6160 285.20	6175 525.71	6190 766.27	6206 006.90	6221 247.58
2 27 30	6160 486.53	6175 726.67	6190 966.87	6206 207.12	6221 447.44
2 30 00	6160 691.31	6175 931.08	6191 170.89	6206 410.77	6221 650.71
2 32 30	6160 899.52	6176 138.91	6191 378.34	6206 617.84	6221 857.39
2 35 00	6161 111.19	6176 350.18	6191 589.22	6206 828.33	6222 067.49
2 37 30	6161 326.29	6176 564.88	6191 803.53	6207 042.24	6222 281.00
2 40 00	6161 544.83	6176 783.02	6192 021.27	6207 259.58	6222 497.93
2 42 30	6161 766.81	6177 004.60	6192 242.43	6207 480.33	6222 718.28
2 45 00	6161 992.23	6177 229.60	6192 467.02	6207 704.50	6222 942.04
2 47 30	6162 221.09	6177 458.04	6192 695.05	6207 932.10	6223 169.21
2 50 00	6162 453.40	6177 689.92	6192 926.49	6208 163.12	6223 399.80
2 52 30	6162 689.14	6177 925.23	6193 161.37	6208 397.57	6223 633.81
2 55 00	6162 928.33	6178 163.98	6193 399.67	6208 635.43	6223 871.23
2 57 30	6163 170.95	6178 406.16	6193 641.40	6208 876.71	6224 112.07
3 00 00	6163 417.02	6178 651.77	6193 886.56	6209 121.42	6224 356.32

Second-difference correction to y for indicated value of k (for all Δλ's)

k	0" 150"	5" 145"	10" 140"	15" 135"	20" 130"	25" 125"	30" 120"	35" 115"	40" 110"	45" 105"	50" 100"	55" 95"	60" 90"	65" 85"	70" 80"	75" 75"
Correction	-.01	-.06	-.11	-.16	-.20	-.24	-.28	-.31	-.34	-.37	-.39	-.41	-.42	-.43	-.43	-.43

Correction for h is negligible

ALASKA – ZONES 2 TO 9
STATE PLANE COORDINATES IN FEET – X'

Δλ \ φ	71 00 00	71 02 30	71 05 00	71 07 30	71 10 00
0 00 00	0.00	0.00	0.00	0.00	0.00
0 02 30	4 968.96	4 958.47	4 947.98	4 937.49	4 926.99
0 05 00	9 937.91	9 916.94	9 895.95	9 874.97	9 853.98
0 07 30	14 906.86	14 875.40	14 843.93	14 812.45	14 780.96
0 10 00	19 875.81	19 833.86	19 791.89	19 749.92	19 707.93
0 12 30	24 844.75	24 792.31	24 739.85	24 687.39	24 634.90
0 15 00	29 813.67	29 750.74	29 687.80	29 624.84	29 561.86
0 17 30	34 782.59	34 709.17	34 635.73	34 562.28	34 488.81
0 20 00	39 751.49	39 667.58	39 583.65	39 499.71	39 415.74
0 22 30	44 720.37	44 625.98	44 531.56	44 437.12	44 342.65
0 25 00	49 689.24	49 584.36	49 479.44	49 374.51	49 269.55
0 27 30	54 658.08	54 542.71	54 427.31	54 311.88	54 196.43
0 30 00	59 626.90	59 501.04	59 375.15	59 249.23	59 123.28
0 32 30	64 595.70	64 459.35	64 322.97	64 186.56	64 050.11
0 35 00	69 564.47	69 417.63	69 270.76	69 123.85	68 976.91
0 37 30	74 533.21	74 375.88	74 218.53	74 061.12	73 903.68
0 40 00	79 501.92	79 334.11	79 166.26	78 998.36	78 830.42
0 42 30	84 470.59	84 292.30	84 113.95	83 935.56	83 757.13
0 45 00	89 439.24	89 250.45	89 061.62	88 872.73	88 683.80
0 47 30	94 407.84	94 208.56	94 009.24	93 809.86	93 610.44
0 50 00	99 376.41	99 166.64	98 956.83	98 746.96	98 537.04
0 52 30	104 344.93	104 124.68	103 904.37	103 684.01	103 463.60
0 55 00	109 313.41	109 082.67	108 851.87	108 621.02	108 390.10
0 57 30	114 281.84	114 040.61	113 799.33	113 557.98	113 316.57
1 00 00	119 250.23	118 998.51	118 746.74	118 494.90	118 243.00
1 02 30	124 218.56	123 956.36	123 694.10	123 431.76	123 169.36
1 05 00	129 186.84	128 914.16	128 641.40	128 368.58	128 095.68
1 07 30	134 155.08	133 871.90	133 588.66	133 305.34	133 021.95
1 10 00	139 123.25	138 829.59	138 535.85	138 242.04	137 948.16
1 12 30	144 091.37	143 787.22	143 482.99	143 178.69	142 874.31
1 15 00	149 059.43	148 744.79	148 430.07	148 115.27	147 800.40
1 17 30	154 027.42	153 702.30	153 377.09	153 051.80	152 726.43
1 20 00	158 995.35	158 659.74	158 324.04	157 988.26	157 652.40
1 22 30	163 963.22	163 617.12	163 270.93	162 924.66	162 578.30
1 25 00	168 931.01	168 574.43	168 217.75	167 860.99	167 504.13
1 27 30	173 898.74	173 531.67	173 164.50	172 797.24	172 429.89
1 30 00	178 866.39	178 488.83	178 111.18	177 733.43	177 355.58
1 32 30	183 833.97	183 445.93	183 057.78	182 669.54	182 281.19
1 35 00	188 801.47	188 402.94	188 004.31	187 605.57	187 206.74
1 37 30	193 768.90	193 359.88	192 950.76	192 541.53	192 132.19
1 40 00	198 736.24	198 316.74	197 897.12	197 477.40	197 057.58
1 42 30	203 703.50	203 273.51	202 843.41	202 413.19	201 982.87
1 45 00	208 670.68	208 230.20	207 789.60	207 348.90	206 908.09
1 47 30	213 637.76	213 186.80	212 735.72	212 284.52	211 833.21
1 50 00	218 604.76	218 143.31	217 681.74	217 220.05	216 758.25
1 52 30	223 571.67	223 099.73	222 627.67	222 155.49	221 683.20
1 55 00	228 538.48	228 056.06	227 573.51	227 090.84	226 608.05
1 57 30	233 505.20	233 012.29	232 519.26	232 026.09	231 532.81
2 00 00	238 471.82	237 968.43	237 464.90	236 961.25	236 457.47
2 02 30	243 438.35	242 924.46	242 410.45	241 896.31	241 382.04
2 05 00	248 404.77	247 880.40	247 355.90	246 831.26	246 306.50
2 07 30	253 371.08	252 836.23	252 301.24	251 766.12	251 230.86
2 10 00	258 337.30	257 791.96	257 246.48	256 700.86	256 155.11
2 12 30	263 303.40	262 747.58	262 191.61	261 635.51	261 079.26
2 15 00	268 269.40	267 703.09	267 136.63	266 570.04	266 003.30
2 17 30	273 235.28	272 658.48	272 081.54	271 504.45	270 927.22
2 20 00	278 201.05	277 613.77	277 026.34	276 438.76	275 851.03
2 22 30	283 166.70	282 568.94	281 971.02	281 372.95	280 774.73
2 25 00	288 132.24	287 523.99	286 915.58	286 307.02	285 698.31
2 27 30	293 097.65	292 478.92	291 860.02	291 240.98	290 621.77
2 30 00	298 062.94	297 433.73	296 804.34	296 174.80	295 545.11
2 32 30	303 028.11	302 388.41	301 748.54	301 108.51	300 468.33
2 35 00	307 993.15	307 342.96	306 692.61	306 042.09	305 391.41
2 37 30	312 958.06	312 297.39	311 636.55	310 975.54	310 314.37
2 40 00	317 922.85	317 251.69	316 580.36	315 908.87	315 237.20
2 42 30	322 887.50	322 205.86	321 524.05	320 842.06	320 159.90
2 45 00	327 852.01	327 159.89	326 467.59	325 775.11	325 082.47
2 47 30	332 816.39	332 113.79	331 411.00	330 708.04	330 004.89
2 50 00	337 780.63	337 067.54	336 354.27	335 640.81	334 927.18
2 52 30	342 744.73	342 021.16	341 297.39	340 573.46	339 849.33
2 55 00	347 708.69	346 974.63	346 240.38	345 505.95	344 771.34
2 57 30	352 672.50	351 927.96	351 183.23	350 438.31	349 693.21
3 00 00	357 636.16	356 881.14	356 125.92	355 370.52	354 614.92

Second-difference correction to x' for indicated values of h and Δλ

Δλ \ h	0" 150"	15" 135"	30" 120"	45" 105"	60" 90"	75" 75"
0°	0	0	0	0	0	0
1°	0	+.01	+.01	+.01	+.01	+.01
2°	+.01	+.02	+.02	+.02	+.03	+.03
3°	+.01	+.02	+.03	+.04	+.04	+.04

Correction for k is negligible

ALASKA – ZONES 2 TO 9
STATE PLANE COORDINATES IN FEET – Y

Δλ \ φ	71 00 00	71 02 30	71 05 00	71 07 30	71 10 00
0 00 00	6215 501.08	6230 752.51	6246 004.02	6261 255.61	6276 507.25
0 02 30	6215 502.78	6230 754.22	6246 005.73	6261 257.31	6276 508.95
0 05 00	6215 507.91	6230 759.34	6246 010.83	6261 262.40	6276 514.03
0 07 30	6215 516.45	6230 767.86	6246 019.34	6261 270.90	6276 522.51
0 10 00	6215 528.41	6230 779.80	6246 031.25	6261 282.79	6276 534.38
0 12 30	6215 543.78	6230 795.14	6246 046.57	6261 298.08	6276 549.64
0 15 00	6215 562.57	6230 813.90	6246 065.29	6261 316.76	6276 568.29
0 17 30	6215 584.78	6230 836.07	6246 087.42	6261 338.85	6276 590.34
0 20 00	6215 610.41	6230 861.65	6246 112.95	6261 364.33	6276 615.77
0 22 30	6215 639.45	6230 890.63	6246 141.88	6261 393.21	6276 644.59
0 25 00	6215 671.91	6230 923.03	6246 174.22	6261 425.49	6276 676.81
0 27 30	6215 707.78	6230 958.84	6246 209.96	6261 461.16	6276 712.42
0 30 00	6215 747.08	6230 998.06	6246 249.11	6261 500.23	6276 751.42
0 32 30	6215 789.78	6231 040.68	6246 291.66	6261 542.70	6276 793.81
0 35 00	6215 835.91	6231 086.72	6246 337.61	6261 588.57	6276 839.59
0 37 30	6215 885.45	6231 136.17	6246 386.97	6261 637.83	6276 888.76
0 40 00	6215 938.40	6231 189.03	6246 439.72	6261 690.49	6276 941.32
0 42 30	6215 994.78	6231 245.30	6246 495.89	6261 746.55	6276 997.27
0 45 00	6216 054.57	6231 304.98	6246 555.46	6261 806.01	6277 056.62
0 47 30	6216 117.78	6231 368.07	6246 618.43	6261 868.86	6277 119.36
0 50 00	6216 184.40	6231 434.57	6246 684.81	6261 935.12	6277 185.49
0 52 30	6216 254.44	6231 504.48	6246 754.58	6262 004.76	6277 255.00
0 55 00	6216 327.90	6231 577.80	6246 827.77	6262 077.81	6277 327.91
0 57 30	6216 404.77	6231 654.53	6246 904.36	6262 154.25	6277 404.21
1 00 00	6216 485.06	6231 734.67	6246 984.35	6262 234.10	6277 483.90
1 02 30	6216 568.77	6231 818.22	6247 067.74	6262 317.33	6277 566.98
1 05 00	6216 655.89	6231 905.18	6247 154.54	6262 403.97	6277 653.46
1 07 30	6216 746.43	6231 995.56	6247 244.74	6262 494.00	6277 743.32
1 10 00	6216 840.39	6232 089.34	6247 338.35	6262 587.43	6277 836.58
1 12 30	6216 937.76	6232 186.52	6247 435.36	6262 684.26	6277 933.22
1 15 00	6217 038.55	6232 287.13	6247 535.77	6262 784.48	6278 033.26
1 17 30	6217 142.75	6232 391.14	6247 639.59	6262 888.11	6278 136.69
1 20 00	6217 250.38	6232 498.56	6247 746.81	6262 995.13	6278 243.51
1 22 30	6217 361.41	6232 609.39	6247 857.43	6263 105.54	6278 353.72
1 25 00	6217 475.87	6232 723.63	6247 971.46	6263 219.36	6278 467.32
1 27 30	6217 593.74	6232 841.28	6248 088.89	6263 336.57	6278 584.31
1 30 00	6217 715.02	6232 962.34	6248 209.73	6263 457.18	6278 704.69
1 32 30	6217 839.73	6233 086.81	6248 333.96	6263 581.18	6278 828.46
1 35 00	6217 967.85	6233 214.69	6248 461.60	6263 708.58	6278 955.62
1 37 30	6218 099.38	6233 345.98	6248 592.65	6263 839.38	6279 086.18
1 40 00	6218 234.33	6233 480.68	6248 727.10	6263 973.58	6279 220.12
1 42 30	6218 372.70	6233 618.79	6248 864.95	6264 111.18	6279 357.46
1 45 00	6218 514.48	6233 760.31	6249 006.21	6264 252.17	6279 498.19
1 47 30	6218 659.68	6233 905.24	6249 150.86	6264 396.56	6279 642.30
1 50 00	6218 808.30	6234 053.58	6249 298.92	6264 544.34	6279 789.81
1 52 30	6218 960.33	6234 205.33	6249 450.39	6264 695.52	6279 940.71
1 55 00	6219 115.78	6234 360.49	6249 605.26	6264 850.10	6280 094.99
1 57 30	6219 274.64	6234 519.06	6249 763.53	6265 008.08	6280 252.67
2 00 00	6219 436.92	6234 681.03	6249 925.21	6265 169.45	6280 413.74
2 02 30	6219 602.62	6234 846.42	6250 090.28	6265 334.22	6280 578.20
2 05 00	6219 771.73	6235 015.22	6250 258.77	6265 502.38	6280 746.05
2 07 30	6219 944.25	6235 187.42	6250 430.65	6265 673.95	6280 917.29
2 10 00	6220 120.20	6235 363.04	6250 605.94	6265 848.90	6281 091.92
2 12 30	6220 299.56	6235 542.06	6250 784.63	6266 027.26	6281 269.94
2 15 00	6220 482.33	6235 724.50	6250 966.72	6266 209.01	6281 451.35
2 17 30	6220 668.52	6235 910.34	6251 152.22	6266 394.16	6281 636.15
2 20 00	6220 858.13	6236 099.59	6251 341.12	6266 582.71	6281 824.35
2 22 30	6221 051.15	6236 292.25	6251 533.42	6266 774.65	6282 015.93
2 25 00	6221 247.58	6236 488.33	6251 729.12	6266 969.99	6282 210.90
2 27 30	6221 447.44	6236 687.80	6251 928.23	6267 168.72	6282 409.26
2 30 00	6221 650.71	6236 890.69	6252 130.74	6267 370.85	6282 611.01
2 32 30	6221 857.39	6237 097.00	6252 336.66	6267 576.38	6282 816.15
2 35 00	6222 067.49	6237 306.70	6252 545.97	6267 785.30	6283 024.68
2 37 30	6222 281.00	6237 519.82	6252 758.69	6267 997.63	6283 236.61
2 40 00	6222 497.93	6237 736.35	6252 974.81	6268 213.34	6283 451.92
2 42 30	6222 718.28	6237 956.28	6253 194.34	6268 432.46	6283 670.62
2 45 00	6222 942.04	6238 179.63	6253 417.27	6268 654.97	6283 892.71
2 47 30	6223 169.21	6238 406.38	6253 643.59	6268 880.87	6284 118.19
2 50 00	6223 399.80	6238 636.54	6253 873.32	6269 110.17	6284 347.06
2 52 30	6223 633.81	6238 870.11	6254 106.46	6269 342.87	6284 579.32
2 55 00	6223 871.23	6239 107.08	6254 342.99	6269 578.96	6284 814.97
2 57 30	6224 112.07	6239 347.47	6254 582.93	6269 818.45	6285 054.01
3 00 00	6224 356.32	6239 591.27	6254 826.27	6270 061.34	6285 296.44

Second-difference correction to y for indicated value of k (for all Δλ's)

k	0" 150"	5" 145"	10" 140"	15" 135"	20" 130"	25" 125"	30" 120"	35" 115"	40" 110"	45" 105"	50" 100"	55" 95"	60" 90"	65" 85"	70" 80"	75" 75"
Correction	-.01	-.06	-.11	-.16	-.20	-.24	-.28	-.31	-.34	-.37	-.39	-.41	-.42	-.43	-.43	-.43

Correction for h is negligible

ALASKA – ZONES 2 TO 9
STATE PLANE COORDINATES IN FEET – X'

Δλ \ φ	71 10 00	71 12 30	71 15 00	71 17 30	71 20 00
0 00 00	0.00	0.00	0.00	0.00	0.00
0 02 30	4 926.99	4 916.49	4 905.99	4 895.49	4 884.98
0 05 00	9 853.98	9 832.98	9 811.98	9 790.97	9 769.95
0 07 30	14 780.96	14 749.46	14 717.96	14 686.44	14 654.92
0 10 00	19 707.93	19 665.94	19 623.93	19 581.92	19 539.89
0 12 30	24 634.90	24 582.41	24 529.90	24 477.38	24 424.85
0 15 00	29 561.86	29 498.87	29 435.86	29 372.83	29 309.79
0 17 30	34 488.81	34 415.32	34 341.80	34 268.27	34 194.73
0 20 00	39 415.74	39 331.75	39 247.74	39 163.70	39 079.65
0 22 30	44 342.65	44 248.17	44 153.65	44 059.11	43 964.55
0 25 00	49 269.55	49 164.56	49 059.54	48 954.51	48 849.44
0 27 30	54 196.43	54 080.94	53 965.42	53 849.88	53 734.30
0 30 00	59 123.28	58 997.29	58 871.27	58 745.23	58 619.15
0 32 30	64 050.11	63 913.62	63 777.10	63 640.55	63 503.96
0 35 00	68 976.91	68 829.92	68 682.90	68 535.85	68 388.75
0 37 30	73 903.68	73 746.20	73 588.68	73 431.11	73 273.51
0 40 00	78 830.42	78 662.44	78 494.42	78 326.35	78 158.25
0 42 30	83 757.13	83 578.65	83 400.13	83 221.56	83 042.94
0 45 00	88 683.80	88 494.83	88 305.80	88 116.73	87 927.61
0 47 30	93 610.44	93 410.96	93 211.44	93 011.86	92 812.24
0 50 00	98 537.04	98 327.06	98 117.04	97 906.95	97 696.82
0 52 30	103 463.60	103 243.12	103 022.59	102 802.01	102 581.37
0 55 00	108 390.10	108 159.13	107 928.11	107 697.02	107 465.87
0 57 30	113 316.57	113 075.11	112 833.57	112 591.98	112 350.33
1 00 00	118 243.00	117 991.02	117 739.00	117 486.90	117 234.74
1 02 30	123 169.36	122 906.90	122 644.36	122 381.77	122 119.10
1 05 00	128 095.68	127 822.72	127 549.68	127 276.58	127 003.41
1 07 30	133 021.95	132 738.48	132 454.95	132 171.35	131 887.67
1 10 00	137 948.16	137 654.19	137 360.16	137 066.05	136 771.87
1 12 30	142 874.31	142 569.85	142 265.32	141 960.70	141 656.02
1 15 00	147 800.40	147 485.44	147 170.41	146 855.29	146 540.10
1 17 30	152 726.43	152 400.97	152 075.44	151 749.82	151 424.12
1 20 00	157 652.40	157 316.44	156 980.41	156 644.28	156 308.08
1 22 30	162 578.30	162 231.85	161 885.31	161 538.68	161 191.97
1 25 00	167 504.13	167 147.18	166 790.14	166 433.02	166 075.80
1 27 30	172 429.89	172 062.44	171 694.91	171 327.28	170 959.56
1 30 00	177 355.58	176 977.63	176 599.60	176 221.47	175 843.24
1 32 30	182 281.19	181 892.76	181 504.22	181 115.58	180 726.85
1 35 00	187 206.74	186 807.80	186 408.76	186 009.62	185 610.38
1 37 30	192 132.19	191 722.76	191 313.22	190 903.58	190 493.84
1 40 00	197 057.58	196 637.64	196 217.61	195 797.46	195 377.21
1 42 30	201 982.87	201 552.44	201 121.91	200 691.26	200 260.51
1 45 00	206 908.09	206 467.16	206 026.12	205 584.98	205 143.72
1 47 30	211 833.21	211 381.79	210 930.25	210 478.60	210 026.84
1 50 00	216 758.25	216 296.33	215 834.29	215 372.14	214 909.88
1 52 30	221 683.20	221 210.78	220 738.24	220 265.59	219 792.81
1 55 00	226 608.05	226 125.13	225 642.10	225 158.94	224 675.67
1 57 30	231 532.81	231 039.40	230 545.87	230 052.21	229 558.43
2 00 00	236 457.47	235 953.56	235 449.53	234 945.37	234 441.09
2 02 30	241 382.04	240 867.63	240 353.10	239 838.44	239 323.65
2 05 00	246 306.50	245 781.60	245 256.57	244 731.40	244 206.11
2 07 30	251 230.86	250 695.46	250 159.93	249 624.27	249 086.47
2 10 00	256 155.11	255 609.22	255 063.19	254 517.03	253 970.72
2 12 30	261 079.26	260 522.87	259 966.34	259 409.68	258 852.87
2 15 00	266 003.30	265 436.41	264 869.39	264 302.22	263 734.91
2 17 30	270 927.22	270 349.84	269 772.32	269 194.65	268 616.84
2 20 00	275 851.03	275 263.16	274 675.14	274 086.96	273 498.65
2 22 30	280 774.73	280 176.36	279 577.84	278 979.17	278 380.35
2 25 00	285 698.31	285 089.44	284 480.43	283 871.25	283 261.93
2 27 30	290 621.77	290 002.41	289 382.89	288 763.22	288 143.39
2 30 00	295 545.11	294 915.25	294 285.24	293 655.07	293 024.74
2 32 30	300 468.33	299 827.97	299 187.46	298 546.79	297 905.96
2 35 00	305 391.41	304 740.56	304 089.55	303 438.38	302 787.05
2 37 30	310 314.37	309 653.03	308 991.52	308 329.85	307 668.02
2 40 00	315 237.20	314 565.36	313 893.36	313 221.19	312 548.85
2 42 30	320 159.90	319 477.57	318 795.07	318 112.40	317 429.56
2 45 00	325 082.47	324 389.64	323 696.64	323 003.46	322 310.13
2 47 30	330 004.89	329 301.57	328 598.08	327 894.40	327 190.56
2 50 00	334 927.18	334 213.37	333 499.38	332 785.21	332 070.86
2 52 30	339 849.33	339 125.03	338 400.54	337 675.87	336 951.02
2 55 00	344 771.34	344 036.54	343 301.55	342 566.39	341 831.04
2 57 30	349 693.21	348 947.91	348 202.43	347 456.76	346 710.91
3 00 00	354 614.92	353 859.13	353 103.16	352 346.99	351 590.64

Second-difference correction to x' for indicated values of h and Δλ

Δλ \ h	0" 150"	15" 135"	30" 120"	45" 105"	60" 90"	75" 75"
0°	0	0	0	0	0	0
1°	0	+.01	+.01	+.01	+.01	+.01
2°	+.01	+.02	+.02	+.02	+.03	+.03
3°	+.01	+.02	+.03	+.04	+.04	+.04

Correction for k is negligible

ALASKA – ZONES 2 TO 9
STATE PLANE COORDINATES IN FEET – Y

Δλ \ φ	71 10 00	71 12 30	71 15 00	71 17 30	71 20 00
0 00 00	6276 507.25	6291 758.97	6307 010.75	6322 262.61	6337 514.53
0 02 30	6276 508.95	6291 760.66	6307 012.44	6322 264.30	6337 516.22
0 05 00	6276 514.03	6291 765.74	6307 017.51	6322 269.36	6337 521.26
0 07 30	6276 522.51	6291 774.20	6307 025.96	6322 277.78	6337 529.68
0 10 00	6276 534.38	6291 786.05	6307 037.78	6322 289.59	6337 541.46
0 12 30	6276 549.64	6291 801.28	6307 052.99	6322 304.76	6337 556.60
0 15 00	6276 568.29	6291 819.90	6307 071.56	6322 323.31	6337 575.11
0 17 30	6276 590.34	6291 841.90	6307 093.53	6322 345.23	6337 596.99
0 20 00	6276 615.77	6291 867.28	6307 118.86	6322 370.51	6337 622.23
0 22 30	6276 644.59	6291 896.05	6307 147.58	6322 399.18	6337 650.84
0 25 00	6276 676.81	6291 928.21	6307 179.68	6322 431.21	6337 682.81
0 27 30	6276 712.42	6291 963.75	6307 215.15	6322 466.62	6337 718.15
0 30 00	6276 751.42	6292 002.67	6307 254.00	6322 505.40	6337 756.85
0 32 30	6276 793.81	6292 044.99	6307 296.23	6322 547.54	6337 798.92
0 35 00	6276 839.59	6292 090.68	6307 341.84	6322 593.07	6337 844.36
0 37 30	6276 888.76	6292 139.76	6307 390.82	6322 641.96	6337 893.16
0 40 00	6276 941.32	6292 192.22	6307 443.18	6322 694.22	6337 945.33
0 42 30	6276 997.27	6292 248.07	6307 498.93	6322 749.86	6338 000.86
0 45 00	6277 056.62	6292 307.30	6307 558.05	6322 808.87	6338 059.75
0 47 30	6277 119.36	6292 369.92	6307 620.55	6322 871.25	6338 122.02
0 50 00	6277 185.49	6292 435.92	6307 686.43	6322 937.01	6338 187.64
0 52 30	6277 255.00	6292 505.31	6307 755.68	6323 006.13	6338 256.64
0 55 00	6277 327.91	6292 578.08	6307 828.32	6323 078.63	6338 329.00
0 57 30	6277 404.21	6292 654.24	6307 904.34	6323 154.50	6338 404.72
1 00 00	6277 483.90	6292 733.78	6307 983.72	6323 233.73	6338 483.81
1 02 30	6277 566.98	6292 816.71	6308 066.49	6323 316.35	6338 566.27
1 05 00	6277 653.46	6292 903.02	6308 152.64	6323 402.33	6338 652.09
1 07 30	6277 743.32	6292 992.71	6308 242.16	6323 491.69	6338 741.27
1 10 00	6277 836.58	6293 085.79	6308 335.07	6323 584.42	6338 833.82
1 12 30	6277 933.22	6293 182.26	6308 431.35	6323 680.51	6338 929.74
1 15 00	6278 033.26	6293 282.10	6308 531.01	6323 779.99	6339 029.02
1 17 30	6278 136.69	6293 385.34	6308 634.05	6323 882.83	6339 131.67
1 20 00	6278 243.51	6293 491.96	6308 740.46	6323 989.04	6339 237.68
1 22 30	6278 353.72	6293 601.96	6308 850.26	6324 098.63	6339 347.06
1 25 00	6278 467.32	6293 715.34	6308 963.43	6324 211.58	6339 459.80
1 27 30	6278 584.31	6293 832.11	6309 079.98	6324 327.91	6339 575.91
1 30 00	6278 704.69	6293 952.27	6309 199.91	6324 447.61	6339 695.38
1 32 30	6278 828.46	6294 075.81	6309 323.21	6324 570.69	6339 818.22
1 35 00	6278 955.62	6294 202.73	6309 449.90	6324 697.13	6339 944.43
1 37 30	6279 086.18	6294 333.04	6309 579.96	6324 826.95	6340 073.99
1 40 00	6279 220.12	6294 466.73	6309 713.40	6324 960.13	6340 206.93
1 42 30	6279 357.46	6294 603.81	6309 850.22	6325 096.69	6340 343.22
1 45 00	6279 498.19	6294 744.27	6309 990.41	6325 236.62	6340 482.89
1 47 30	6279 642.30	6294 888.11	6310 133.99	6325 379.92	6340 625.92
1 50 00	6279 789.81	6295 035.35	6310 280.94	6325 526.60	6340 772.31
1 52 30	6279 940.71	6295 185.96	6310 431.27	6325 676.64	6340 922.07
1 55 00	6280 094.99	6295 339.95	6310 584.97	6325 830.05	6341 075.19
1 57 30	6280 252.67	6295 497.34	6310 742.06	6325 986.84	6341 231.68
2 00 00	6280 413.74	6295 658.10	6310 902.52	6326 147.00	6341 391.54
2 02 30	6280 578.20	6295 822.25	6311 066.36	6326 310.53	6341 554.75
2 05 00	6280 746.05	6295 989.79	6311 233.57	6326 477.43	6341 721.33
2 07 30	6280 917.29	6296 160.70	6311 404.17	6326 647.70	6341 891.28
2 10 00	6281 091.92	6296 335.00	6311 578.14	6326 821.34	6342 064.59
2 12 30	6281 269.94	6296 512.69	6311 755.49	6326 998.36	6342 241.27
2 15 00	6281 451.35	6296 693.76	6311 936.22	6327 178.74	6342 421.31
2 17 30	6281 636.15	6296 878.21	6312 120.32	6327 362.49	6342 604.72
2 20 00	6281 824.35	6297 066.05	6312 307.80	6327 549.62	6342 791.49
2 22 30	6282 015.93	6297 257.27	6312 498.66	6327 740.12	6342 981.62
2 25 00	6282 210.90	6297 451.87	6312 692.90	6327 933.98	6343 175.12
2 27 30	6282 409.26	6297 649.86	6312 890.51	6328 131.22	6343 371.98
2 30 00	6282 611.01	6297 851.23	6313 091.50	6328 331.83	6343 572.21
2 32 30	6282 816.15	6298 055.99	6313 295.87	6328 535.81	6343 775.81
2 35 00	6283 024.68	6298 264.13	6313 503.62	6328 743.17	6343 982.76
2 37 30	6283 236.61	6298 475.65	6313 714.74	6328 953.89	6344 193.09
2 40 00	6283 451.92	6298 690.55	6313 929.24	6329 167.98	6344 406.77
2 42 30	6283 670.62	6298 908.84	6314 147.11	6329 385.44	6344 623.82
2 45 00	6283 892.71	6299 130.52	6314 368.37	6329 606.28	6344 844.23
2 47 30	6284 118.19	6299 355.57	6314 593.00	6329 830.48	6345 068.01
2 50 00	6284 347.06	6299 584.01	6314 821.00	6330 058.05	6345 295.15
2 52 30	6284 579.32	6299 815.83	6315 052.39	6330 289.00	6345 525.66
2 55 00	6284 814.97	6300 051.04	6315 287.15	6330 523.32	6345 759.53
2 57 30	6285 054.01	6300 289.63	6315 525.28	6330 761.00	6345 996.76
3 00 00	6285 296.44	6300 531.60	6315 766.80	6331 002.06	6346 237.36

Second-difference correction to y for indicated value of k (for all Δλ's)

k	0" 150"	5" 145"	10" 140"	15" 135"	20" 130"	25" 125"	30" 120"	35" 115"	40" 110"	45" 105"	50" 100"	55" 95"	60" 90"	65" 85"	70" 80"	75" 75"
Correction	-.01	-.06	-.11	-.16	-.20	-.24	-.28	-.31	-.34	-.37	-.39	-.41	-.42	-.43	-.43	-.43

Correction for h is negligible

ALASKA – ZONES 2 TO 9
STATE PLANE COORDINATES IN FEET – X'

Δλ \ φ	71 20 00	71 22 30	71 25 00
0 00 00	0.00	0.00	0.00
0 02 30	4 884.98	4 874.47	4 863.96
0 05 00	9 769.95	9 748.93	9 727.91
0 07 30	14 654.92	14 623.40	14 591.86
0 10 00	19 539.89	19 497.85	19 455.80
0 12 30	24 424.85	24 372.30	24 319.74
0 15 00	29 309.79	29 246.74	29 183.67
0 17 30	34 194.73	34 121.16	34 047.58
0 20 00	39 079.65	38 995.57	38 911.48
0 22 30	43 964.55	43 869.97	43 775.36
0 25 00	48 849.44	48 744.34	48 639.23
0 27 30	53 734.30	53 618.70	53 503.07
0 30 00	58 619.15	58 493.03	58 366.89
0 32 30	63 503.96	63 367.34	63 230.68
0 35 00	68 388.75	68 241.62	68 094.45
0 37 30	73 273.51	73 115.87	72 958.20
0 40 00	78 158.25	77 990.10	77 821.91
0 42 30	83 042.94	82 864.29	82 685.58
0 45 00	87 927.61	87 738.44	87 549.23
0 47 30	92 812.24	92 612.56	92 412.83
0 50 00	97 696.82	97 486.64	97 276.40
0 52 30	102 581.37	102 360.68	102 139.93
0 55 00	107 465.87	107 234.67	107 003.41
0 57 30	112 350.33	112 108.62	111 866.85
1 00 00	117 234.74	116 982.52	116 730.24
1 02 30	122 119.10	121 856.37	121 593.58
1 05 00	127 003.41	126 730.18	126 456.87
1 07 30	131 887.67	131 603.92	131 320.11
1 10 00	136 771.87	136 477.62	136 183.29
1 12 30	141 656.02	141 351.25	141 046.41
1 15 00	146 540.10	146 224.83	145 909.48
1 17 30	151 424.12	151 098.34	150 772.48
1 20 00	156 308.08	155 971.79	155 635.42
1 22 30	161 191.97	160 845.18	160 498.29
1 25 00	166 075.80	165 718.49	165 361.10
1 27 30	170 959.56	170 591.74	170 223.84
1 30 00	175 843.24	175 464.92	175 086.50
1 32 30	180 726.85	180 338.02	179 949.09
1 35 00	185 610.38	185 211.05	184 811.61
1 37 30	190 493.84	190 083.99	189 674.05
1 40 00	195 377.21	194 956.86	194 536.40
1 42 30	200 260.51	199 829.65	199 398.68
1 45 00	205 143.72	204 702.35	204 260.87
1 47 30	210 026.84	209 574.96	209 122.98
1 50 00	214 909.88	214 447.49	213 984.99
1 52 30	219 792.81	219 319.93	218 846.92
1 55 00	224 675.67	224 192.27	223 708.75
1 57 30	229 558.43	229 064.52	228 570.49
2 00 00	234 441.09	233 936.67	233 432.14
2 02 30	239 323.65	238 808.73	238 293.68
2 05 00	244 206.11	243 680.69	243 155.13
2 07 30	249 088.47	248 552.54	248 016.47
2 10 00	253 970.72	253 424.29	252 877.71
2 12 30	258 852.87	258 295.93	257 738.84
2 15 00	263 734.91	263 167.46	262 599.87
2 17 30	268 616.84	268 038.88	267 460.78
2 20 00	273 498.65	272 910.19	272 321.57
2 22 30	278 380.35	277 781.38	277 182.26
2 25 00	283 261.93	282 652.46	282 042.83
2 27 30	288 143.39	287 523.41	286 903.28
2 30 00	293 024.74	292 394.25	291 763.61
2 32 30	297 905.96	297 264.97	296 623.81
2 35 00	302 787.05	302 135.55	301 483.89
2 37 30	307 668.02	307 006.01	306 343.84
2 40 00	312 548.85	311 876.34	311 203.67
2 42 30	317 429.56	316 746.54	316 063.36
2 45 00	322 310.13	321 616.61	320 922.92
2 47 30	327 190.56	326 486.54	325 782.34
2 50 00	332 070.86	331 356.34	330 641.63
2 52 30	336 951.02	336 225.99	335 500.78
2 55 00	341 831.04	341 095.50	340 359.78
2 57 30	346 710.91	345 964.87	345 218.64
3 00 00	351 590.64	350 834.09	350 077.36

Second-difference correction to x' for indicated values of h and Δλ

Δλ \ h	0" 150"	15" 135"	30" 120"	45" 105"	60" 90"	75" 75"
0°	0	0	0	0	0	0
1°	0	+.01	+.01	+.01	+.01	+.01
2°	+.01	+.02	+.02	+.02	+.03	+.03
3°	+.01	+.02	+.03	+.04	+.04	+.04

Correction for k is negligible

ALASKA – ZONES 2 TO 9
STATE PLANE COORDINATES IN FEET – Y

Δλ \ φ	71 20 00	71 22 30	71 25 00
0 00 00	6337 514.53	6352 766.53	6368 018.59
0 02 30	6337 516.22	6352 768.21	6368 020.26
0 05 00	6337 521.26	6352 773.25	6368 025.29
0 07 30	6337 529.68	6352 781.64	6368 033.67
0 10 00	6337 541.46	6352 793.40	6368 045.41
0 12 30	6337 556.60	6352 808.51	6368 060.49
0 15 00	6337 575.11	6352 826.99	6368 078.94
0 17 30	6337 596.99	6352 848.83	6368 100.73
0 20 00	6337 622.23	6352 874.02	6368 125.87
0 22 30	6337 650.84	6352 902.57	6368 154.37
0 25 00	6337 682.81	6352 934.49	6368 186.22
0 27 30	6337 718.15	6352 969.76	6368 221.43
0 30 00	6337 756.85	6353 008.39	6368 259.98
0 32 30	6337 798.92	6353 050.38	6368 301.89
0 35 00	6337 844.36	6353 095.72	6368 347.15
0 37 30	6337 893.16	6353 144.43	6368 395.77
0 40 00	6337 945.33	6353 196.50	6368 447.73
0 42 30	6338 000.86	6353 251.92	6368 503.05
0 45 00	6338 059.75	6353 310.71	6368 561.73
0 47 30	6338 122.02	6353 372.85	6368 623.75
0 50 00	6338 187.64	6353 438.36	6368 689.13
0 52 30	6338 256.64	6353 507.22	6368 757.86
0 55 00	6338 329.00	6353 579.44	6368 829.94
0 57 30	6338 404.72	6353 655.02	6368 905.38
1 00 00	6338 483.81	6353 733.96	6368 984.17
1 02 30	6338 566.27	6353 816.26	6369 066.31
1 05 00	6338 652.09	6353 901.91	6369 151.80
1 07 30	6338 741.27	6353 990.93	6369 240.64
1 10 00	6338 833.82	6354 083.30	6369 332.84
1 12 30	6338 929.74	6354 179.04	6369 428.40
1 15 00	6339 029.02	6354 278.13	6369 527.30
1 17 30	6339 131.67	6354 380.58	6369 629.55
1 20 00	6339 237.68	6354 486.39	6369 735.16
1 22 30	6339 347.06	6354 595.56	6369 844.12
1 25 00	6339 459.80	6354 708.09	6369 956.43
1 27 30	6339 575.91	6354 823.98	6370 072.10
1 30 00	6339 695.38	6354 943.22	6370 191.11
1 32 30	6339 818.22	6355 065.83	6370 313.49
1 35 00	6339 944.43	6355 191.79	6370 439.21
1 37 30	6340 073.99	6355 321.11	6370 568.28
1 40 00	6340 206.93	6355 453.79	6370 700.71
1 42 30	6340 343.22	6355 589.83	6370 836.49
1 45 00	6340 482.89	6355 729.22	6370 975.62
1 47 30	6340 625.92	6355 871.98	6371 118.10
1 50 00	6340 772.31	6356 018.09	6371 263.94
1 52 30	6340 922.07	6356 167.57	6371 413.12
1 55 00	6341 075.19	6356 320.40	6371 565.66
1 57 30	6341 231.68	6356 476.59	6371 721.55
2 00 00	6341 391.54	6356 636.14	6371 880.80
2 02 30	6341 554.75	6356 799.04	6372 043.39
2 05 00	6341 721.33	6356 965.31	6372 209.34
2 07 30	6341 891.28	6357 134.93	6372 378.64
2 10 00	6342 064.59	6357 307.91	6372 551.29
2 12 30	6342 241.27	6357 484.25	6372 727.29
2 15 00	6342 421.31	6357 663.95	6372 906.65
2 17 30	6342 604.72	6357 847.01	6373 089.35
2 20 00	6342 791.49	6358 033.42	6373 275.41
2 22 30	6342 981.62	6358 223.19	6373 464.82
2 25 00	6343 175.12	6358 416.32	6373 657.58
2 27 30	6343 371.98	6358 612.81	6373 853.69
2 30 00	6343 572.21	6358 812.66	6374 053.15
2 32 30	6343 775.81	6359 015.86	6374 255.97
2 35 00	6343 982.76	6359 222.43	6374 462.14
2 37 30	6344 193.09	6359 432.35	6374 671.66
2 40 00	6344 406.77	6359 645.62	6374 884.53
2 42 30	6344 623.82	6359 862.26	6375 100.75
2 45 00	6344 844.23	6360 082.25	6375 320.32
2 47 30	6345 068.01	6360 305.61	6375 543.25
2 50 00	6345 295.15	6360 532.31	6375 769.52
2 52 30	6345 525.66	6360 762.38	6375 999.14
2 55 00	6345 759.53	6360 995.80	6376 232.12
2 57 30	6345 996.76	6361 232.58	6376 468.45
3 00 00	6346 237.36	6361 472.72	6376 708.13

Second-difference correction to y for indicated value of k (for all Δλ's)

k	0" 150"	5" 145"	10" 140"	15" 135"	20" 130"	25" 125"	30" 120"	35" 115"	40" 110"	45" 105"	50" 100"	55" 95"	60" 90"	65" 85"	70" 80"	75" 75"
Correction	-.01	-.06	-.11	-.16	-.20	-.24	-.28	-.31	-.34	-.37	-.39	-.41	-.42	-.43	-.43	-.43

Correction for h is negligible

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