

The NGS Data Sheet

See file [dsdata.txt](#) for more information about the datasheet.

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PROGRAM = datasheet95, VERSION = 8.00
1      National Geodetic Survey,  Retrieval Date = MARCH 17, 2013
LU1961 *****
LU1961 DESIGNATION - DIAMOND
LU1961 PID - LU1961
LU1961 STATE/COUNTY- CA/TEHAMA
LU1961 COUNTRY - US
LU1961 USGS QUAD - RED BLUFF EAST (1976)
LU1961
LU1961 *CURRENT SURVEY CONTROL
LU1961
LU1961* NAD 83(1992) POSITION- 40 09 35.65142(N) 122 13 26.30738(W) ADJUSTED
LU1961* NAD 83(1992) EPOCH - 1991.35
LU1961* NAVD 88 ORTHO HEIGHT - 95.57 (+/-2cm) 313.5 (feet) VERTCON
LU1961
LU1961 GEOID HEIGHT - -28.53 (meters) GEOID12A
LU1961 LAPLACE CORR - 7.38 (seconds) DEFLEC12A
LU1961 HORZ ORDER - SECOND
LU1961 VERT ORDER - THIRD ? (See Below)
LU1961
LU1961.The horizontal coordinates were established by classical geodetic methods
LU1961.and adjusted by the National Geodetic Survey in March 1994.
LU1961.
LU1961.The NAVD 88 height was computed by applying the VERTCON shift value to
LU1961.the NGVD 29 height (displayed under SUPERSEDED SURVEY CONTROL.)
LU1961
LU1961.The vertical order pertains to the NGVD 29 superseded value.
LU1961
LU1961.The Laplace correction was computed from DEFLEC12A derived deflections.
LU1961
LU1961. The following values were computed from the NAD 83(1992) position.
LU1961
LU1961;
LU1961;          North          East          Units Scale Factor Converg.
LU1961;SPC CA 1 - 591,805.764 1,980,919.376 MT 0.99996357 -0 08 47.2
LU1961;SPC CA 1 - 1,941,616.08 6,499,066.32 sFT 0.99996357 -0 08 47.2
LU1961;UTM 10 - 4,445,793.795 566,086.896 MT 0.99965376 +0 30 01.8
LU1961
LU1961!          - Elev Factor x Scale Factor = Combined Factor
LU1961!SPC CA 1 - 0.99998948 x 0.99996357 = 0.99995305
LU1961!UTM 10 - 0.99998948 x 0.99965376 = 0.99964325
LU1961
LU1961:          Primary Azimuth Mark          Grid Az
LU1961:SPC CA 1 - CONTROL MON 8 5 257          177 24 12.4
LU1961:UTM 10 - CONTROL MON 8 5 257          176 45 23.4
LU1961
LU1961|-----|
LU1961| PID Reference Object          Distance          Geod. Az |
LU1961|          dddmmss.s |
LU1961| DB5483 CONTROL MON 8 5 257          1771525.2 |
LU1961| DB5804 DIAMOND RM 2          9.879 METERS 24426 |
LU1961| DB5803 DIAMOND RM 1          6.901 METERS 32209 |
LU1961|-----|

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LU1961
 LU1961 SUPERSEDED SURVEY CONTROL
 LU1961
 LU1961 NAD 83(1986)- 40 09 35.64566(N) 122 13 26.30645(W) AD(1984.00) 2
 LU1961 NAD 27 - 40 09 36.08113(N) 122 13 22.32030(W) AD() 2
 LU1961 NGVD 29 (07/19/86) 94.83 (m) 311.1 (f) LEVELING 3
 LU1961
 LU1961.Superseded values are not recommended for survey control.
 LU1961
 LU1961.NGS no longer adjusts projects to the NAD 27 or NGVD 29 datums.
 LU1961.[See file dsdata.txt](#) to determine how the superseded data were derived.
 LU1961
 LU1961_U.S. NATIONAL GRID SPATIAL ADDRESS: 10TEK6608645793(NAD 83)
 LU1961
 LU1961_MARKER: DD = SURVEY DISK
 LU1961_SETTING: 7 = SET IN TOP OF CONCRETE MONUMENT
 LU1961_SP_SET: TOP OF SQUARE CONCRETE MONUMENT
 LU1961

LU1961	HISTORY	- Date	Condition	Report By
LU1961	HISTORY	- 1972	MONUMENTED	CADT
LU1961	HISTORY	- 1977	GOOD	NGS

 LU1961
 LU1961 STATION DESCRIPTION
 LU1961
 LU1961'DESCRIBED BY CALTRANS 1972 (PRL)
 LU1961'THE STATION IS ABOUT 2 MILES SOUTHEAST OF RED BLUFF AT THE
 LU1961'INTERSTATE ROUTE 5 AND DIAMOND AVENUE INTERCHANGE.
 LU1961'
 LU1961'TO REACH THE STATION FROM THE INTERSTATE ROUTE 5 AND HIGHWAY
 LU1961'36 INTERCHANGE, GO SOUTH ON INTERSTATE ROUTE 5 FOR 1.3 MILES TO
 LU1961'THE DIAMOND AVENUE OFF-RAMP. FOLLOW THE OFF-RAMP FOR 0.2 MILE TO
 LU1961'DIAMOND AVE AND THE STATION ON THE RIGHT.
 LU1961'
 LU1961'THE STATION IS A STANDARD CALIFORNIA DIVISION OF HIGHWAYS
 LU1961'3-5/8-INCH DISK STAMPED DIAMOND 1972 SET IN A 8-INCH DIAMETER
 LU1961'CONCRETE POST PROJECTING 4 INCHES ABOVE THE GROUND. IT IS 22-1/2
 LU1961'FEET SOUTHEAST OF FREEWAY FENCE, 63 FEET NORTHWEST OF SOUTH EDGE
 LU1961'OF OFF-RAMP PAVEMENT, 114 FEET NORTHEAST OF CENTER OF DIAMOND
 LU1961'AVENUE, 36 FEET EAST NORTHEAST OF FREEWAY FENCE CORNER AND 3-1/2
 LU1961'FEET SOUTHEAST OF METAL WITNESS POST. THE UNDERGROUND MARK IS
 LU1961'SET IN THE TOP OF AN IRREGULAR MASS OF CONCRETE SET 42 INCHES
 LU1961'BELOW THE GROUND SURFACE.
 LU1961'
 LU1961'REFERENCE MARK 1 IS A STANDARD CALIFORNIA DIVISION OF HIGHWAYS
 LU1961'3-5/8-INCH DISK STAMPED DIAMOND R.M. 1 1972 SET IN THE TOP OF A
 LU1961'8-INCH DIAMETER CONCRETE POST PROJECTING 3 INCHES ABOVE THE
 LU1961'GROUND. IT IS 2 FEET SOUTHEAST OF FREEWAY FENCE, AND LEVEL WITH
 LU1961'THE STATION.
 LU1961'
 LU1961'REFERENCE MARK 2 IS A STANDARD CALIFORNIA DIVISION OF HIGHWAYS
 LU1961'3-5/8-INCH DISK STAMPED DIAMOND R.M. 2 1972 SET IN A 8-INCH
 LU1961'DIAMETER CONCRETE POST PROJECTING 4 INCHES ABOVE THE GROUND. IT
 LU1961'IS 1-1/2 FEET SOUTHEAST OF THE FREEWAY FENCE, AND LEVEL WITH THE
 LU1961'STATION.
 LU1961'
 LU1961'THE AZIMUTH MARK IS A STANDARD CALIFORNIA DIVISION OF HIGHWAYS
 LU1961'2-1/4 IN DISK STAMPED 8-5-257 SET IN A 16 IN DIAMETER CONCRETE
 LU1961'POST ABOUT 1 FOOT BELOW GROUND, IN THE CENTER DIVIDER OF THE
 LU1961'FREEWAY, A METAL WITNESS IS 2 FEET NORTH. TO REACH THE AZIMUTH
 LU1961'MARK CONTINUE SOUTH ON INTERSTATE 5, 0.5 MILE FROM THE DIAMOND

LU1961'AVENUE OFF-RAMP TO THE END OF A CURVE TO THE LEFT AND THE
LU1961'STATION ON LEFT.
LU1961'
LU1961'HEIGHT OF LIGHT ABOVE STATION MARK 1.26 METERS.
LU1961
LU1961 STATION RECOVERY (1977)
LU1961
LU1961'RECOVERY NOTE BY NATIONAL GEODETIC SURVEY 1977 (JWB)
LU1961'THE STATION WAS RECOVERED IN GOOD CONDITION AS DESCRIBED. THE
LU1961'AZIMUTH MARK AND REFERENCE MARKS WERE NOT SEARCHED FOR.
LU1961'
LU1961'AIRLINE DISTANCE AND DIRECTION FROM NEAREST TOWN
LU1961'2 MILE SOUTHEAST OF RED BLUFF.

*** retrieval complete.
Elapsed Time = 00:00:07