

# GEOID18 Grid Check Points

NGS has compiled a list of points to check in each of the CONUS subgrids. Any of the points for grids 1-7 will work on the full CONUS grid.

The grids can be queried directly, or the values can be checked in vendor software by selecting GEOID18, manually creating a point at one of the assigned lat/long below, entering an elevation of 0, outputting the attributes for Height and checking it against the values in the table below.

Geoid Grid #	Latitude		Longitude		<b>CORRECT GEOID18 Height (meters)</b>	INCORRECT GEOID18 Height (meters)
	Deg.	Min.	Deg.	Min.		
Grid 1	45	13	122	46	<b>-23.076</b>	-23.107
Grid 2	48	7	96	11	<b>-27.215</b>	-27.247
Grid 3	44	30	94	3	<b>-28.072</b>	-28.103
Grid 4	41	34	72	39	<b>-29.591</b>	-29.622
Grid 5	39	32	121	29	<b>-27.337</b>	-27.369
Grid 6	33	5	97	1	<b>-26.955</b>	-26.986
Grid 7	36	15	82	46	<b>-31.341</b>	-31.372
Grid 8	38	19	17	19	<b>-32.636</b>	-32.699
PR Grid 0	18	27	67	24	<b>-45.673</b>	-45.735