

The NGS Data Sheet

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

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PROGRAM = datasheet95, VERSION = 8.12.5
1      National Geodetic Survey,  Retrieval Date = SEPTEMBER 27, 2018
QX0584 *****
QX0584 DESIGNATION - D 565
QX0584 PID - QX0584
QX0584 STATE/COUNTY- MT/PARK
QX0584 COUNTRY - US
QX0584 USGS QUAD - GARDINER (1986)
QX0584
QX0584 *CURRENT SURVEY CONTROL
QX0584
QX0584* NAD 83(1986) POSITION- 45 01 46.29 (N) 110 42 30.03 (W) HD_HELD1
QX0584* NAVD 88 ORTHO HEIGHT - 1621.067 (meters) 5318.45 (feet) ADJUSTED
QX0584
QX0584 GEOID HEIGHT - -8.730 (meters) GEOID12B
QX0584 DYNAMIC HEIGHT - 1620.285 (meters) 5315.89 (feet) COMP
QX0584 MODELED GRAVITY - 980,078.3 (mgal) NAVD 88
QX0584 OBS GRAVITY - 980,078.2 (mgal) GRAV_OBS
QX0584
QX0584 VERT ORDER - FIRST CLASS II
QX0584
QX0584.The horizontal coordinates were determined by differentially corrected
QX0584.hand held GPS observations or other comparable positioning techniques
QX0584.and have an estimated accuracy of +/- 3 meters.
QX0584.
QX0584.The orthometric height was determined by differential leveling and
QX0584.adjusted by the NATIONAL GEODETIC SURVEY
QX0584.in June 1991.
QX0584
QX0584.Significant digits in the geoid height do not necessarily reflect accuracy.
QX0584.GEOID12B height accuracy estimate available here.
QX0584
QX0584.Photographs are available for this station.
QX0584
QX0584.The dynamic height is computed by dividing the NAVD 88
QX0584.geopotential number by the normal gravity value computed on the
QX0584.Geodetic Reference System of 1980 (GRS 80) ellipsoid at 45
QX0584.degrees latitude (g = 980.6199 gals.).
QX0584
QX0584.The modeled gravity was interpolated from observed gravity values.
QX0584
QX0584.The observed gravity was obtained from relative gravimeter ties
QX0584.to the IGSN71 gravity network.
QX0584
QX0584;
QX0584;          North      East      Units  Estimated Accuracy
QX0584;SPC MT - 87,380.0 504,780.5 MT (+/- 3 meters HH1 GPS)
QX0584
QX0584_U.S. NATIONAL GRID SPATIAL ADDRESS: 12TWQ2297586271(NAD 83)
QX0584
QX0584
QX0584 SUPERSEDED SURVEY CONTROL
QX0584

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QX0584 NGVD 29 (08/20/92) 1619.877 (m) 5314.55 (f) ADJUSTED 1 2

QX0584

QX0584.Superseded values are not recommended for survey control.

QX0584

QX0584.NGS no longer adjusts projects to the NAD 27 or NGVD 29 datums.

QX0584.See file [dsdata.pdf](#) to determine how the superseded data were derived.

QX0584

QX0584_MARKER: DV = VERTICAL CONTROL DISK

QX0584_SETTING: 66 = SET IN ROCK OUTCROP

QX0584_STAMPING: D 565 1983

QX0584_MARK LOGO: NGS

QX0584_STABILITY: A = MOST RELIABLE AND EXPECTED TO HOLD

QX0584+STABILITY: POSITION/ELEVATION WELL

QX0584_SATELLITE: THE SITE LOCATION WAS REPORTED AS SUITABLE FOR

QX0584+SATELLITE: SATELLITE OBSERVATIONS - August 14, 2010

QX0584

HISTORY	Date	Condition	Report By
HISTORY	- 1983	MONUMENTED	NGS
HISTORY	- 20100814	GOOD	GEOCAC

QX0584

QX0584 STATION DESCRIPTION

QX0584

QX0584'DESCRIBED BY NATIONAL GEODETIC SURVEY 1983

QX0584'0.3 KM (0.2 MI) SOUTH FROM GARDINER.

QX0584'0.3 KM (0.2 MI) WEST ALONG MAIN STREET FROM ITS JUNCTION WITH U.S.

QX0584'HIGHWAY 89 IN GARDINER, AT THE ENTRANCE TO YELLOWSTONE NATIONAL PARK,

QX0584'IN THE CENTER OF A 3 BY 3 FT EXPOSED AREA OF OUTCROPPING BEDROCK

QX0584'PROJECTING 0.3 METER (1.0 FT) ABOVE THE GROUND, 23.3 METERS (76.4 FT)

QX0584'EAST OF THE CENTER OF THE ARCHWAY ENTRANCE TO THE PARK, 17.4 METERS

QX0584'(57.1 FT) SOUTHEAST OF THE NORTHEAST END OF THE ROCK WALL, AND 14.4

QX0584'METERS (47.2 FT) NORTHEAST OF THE CENTERLINE OF THE YELLOWSTONE

QX0584'NATIONAL PARK ENTRANCE ROAD.

QX0584'THE MARK IS 0.3 M ABOVE THE ROAD.

QX0584

QX0584 STATION RECOVERY (2010)

QX0584

QX0584'RECOVERY NOTE BY GEOCACHING 2010 (GAH)

QX0584'RECOVERED IN GOOD CONDITION.

*** retrieval complete.

Elapsed Time = 00:00:04