

The NGS Data Sheet

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

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PROGRAM = datasheet95, VERSION = 8.12.5.11
Starting Datasheet Retrieval...
1      National Geodetic Survey,      Retrieval Date = JANUARY 12, 2021
TW0420 *****
TW0420 DESIGNATION - YIGO GG
TW0420 PID - TW0420
TW0420 STATE/COUNTY- GU/GUAM
TW0420 COUNTRY - US
TW0420 USGS QUAD -
TW0420
TW0420 *CURRENT SURVEY CONTROL
TW0420
TW0420* NAD 83(MA11) POSITION- 13 32 14.85935(N) 215 06 40.48954(W) ADJUSTED
TW0420* NAD 83(MA11) ELLIP HT- 194.968 (meters) (06/27/12) ADJUSTED
TW0420* NAD 83(MA11) EPOCH - 2010.00
TW0420* GUVDD04 ORTHO HEIGHT - 140.779 (meters) 461.87 (feet) ADJUSTED
TW0420
TW0420 GEOID HEIGHT - 54.177 (meters) GEOID12B
TW0420 NAD 83(MA11) X - -5,073,677.834 (meters) COMP
TW0420 NAD 83(MA11) Y - 3,567,328.615 (meters) COMP
TW0420 NAD 83(MA11) Z - 1,483,324.093 (meters) COMP
TW0420 LAPLACE CORR - -3.56 (seconds) DEFLEC12B
TW0420 VERT ORDER - FIRST CLASS II
TW0420
TW0420 Network accuracy estimates per FGDC Geospatial Positioning Accuracy
TW0420 Standards:
TW0420 FGDC (95% conf, cm) Standard deviation (cm) CorrNE
TW0420 Horiz Ellip SD_N SD_E SD_h (unitless)
TW0420 -----
TW0420 NETWORK 5.49 7.02 2.16 2.32 3.58 0.13428830
TW0420 -----
TW0420 Click here for local accuracies and other accuracy information.
TW0420
TW0420
TW0420 The horizontal coordinates were established by GPS observations
TW0420 and adjusted by the National Geodetic Survey in June 2012.
TW0420
TW0420 NAD 83(MA11) refers to NAD 83 coordinates where the reference frame has
TW0420 been affixed to the stable Mariana tectonic plate.
TW0420
TW0420 The horizontal coordinates are valid at the epoch date displayed above
TW0420 which is a decimal equivalence of Year/Month/Day.
TW0420
TW0420 The orthometric height was determined by differential leveling and
TW0420 adjusted by the NATIONAL GEODETIC SURVEY
TW0420 in May 2005.
TW0420
TW0420 No vertical observational check was made to the station.
TW0420
TW0420 Significant digits in the geoid height do not necessarily reflect accuracy.
TW0420 GEOID12B height accuracy estimate available here.
TW0420
TW0420 Click photographs - Photos may exist for this station.
TW0420
TW0420 The X, Y, and Z were computed from the position and the ellipsoidal ht.
TW0420
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TW0420.The Laplace correction was computed from DEFLEC12B derived deflections.

TW0420

TW0420.The ellipsoidal height was determined by GPS observations

TW0420.and is referenced to NAD 83.

TW0420

TW0420. The following values were computed from the NAD 83(MA11) position.

TW0420

TW0420;		North	East	Units	Scale Factor	Converg.
TW0420;SPC GU	-	204,148.746	115,019.539	MT	1.00000279	+0 01 56.9
TW0420;UTM 55	-	1,497,558.490	271,509.812	MT	1.00024586	-0 29 39.9

TW0420

TW0420! - Elev Factor x Scale Factor = Combined Factor

TW0420!SPC GU - 0.99996934 x 1.00000279 = 0.99997213

TW0420!UTM 55 - 0.99996934 x 1.00024586 = 1.00021519

TW0420

TW0420_U.S. NATIONAL GRID SPATIAL ADDRESS: 55PBQ7150997558(NAD 83)

TW0420

SUPERSEDED SURVEY CONTROL

TW0420

TW0420	NAD 83(1993)-	13 32 14.85867(N)	215 06 40.48976(W)	AD(2004.00)	A
TW0420	ELLIP H (06/10/05)	194.959 (m)		GP(2004.00)	3 2
TW0420	NAD 83(1993)-	13 32 14.86643(N)	215 06 40.47353(W)	AD(1993.62)	2
TW0420	GU1963	- 13 32 09.73318(N)	215 06 49.19517(W)	AD()	2
TW0420	GUVD04	140.78 (m)	461.9 (f)	LEVELING	3
TW0420	GUVD63 (09/30/99)	141.2 (m)	463. (f)	VERT ANG	
TW0420	GUVD63 (07/19/86)	141. (m)	463. (f)	VERT ANG	

TW0420

TW0420.Superseded values are not recommended for survey control.

TW0420

TW0420.NGS no longer adjusts projects to the NAD 27 or NGVD 29 datums.

TW0420.See file [dsdata.pdf](#) to determine how the superseded data were derived.

TW0420

TW0420_MARKER: DD = SURVEY DISK

TW0420_SETTING: 0 = UNSPECIFIED SETTING

TW0420_SP_SET: CAST IRON HOUSING

TW0420_STAMPING: YIGO

TW0420_MARK LOGO: GU

TW0420_MAGNETIC: N = NO MAGNETIC MATERIAL

TW0420_STABILITY: D = MARK OF QUESTIONABLE OR UNKNOWN STABILITY

TW0420_SATELLITE: THE SITE LOCATION WAS REPORTED AS SUITABLE FOR

TW0420+SATELLITE: SATELLITE OBSERVATIONS - December 04, 2004

TW0420

TW0420	HISTORY	- Date	Condition	Report By
TW0420	HISTORY	- 1963	MONUMENTED	CGS
TW0420	HISTORY	- 20041204	GOOD	GUAMLM

TW0420

STATION DESCRIPTION

TW0420

TW0420'DESCRIBED BY COAST AND GEODETIC SURVEY 1963 (NES)

TW0420'THE STATION IS LOCATED 4-1/2 MILES EAST NORTHEAST OF THE WETTENGEL

TW0420'JUNCTION, 0.1 MILE NORTH OF YIGO JUNCTION AND ON THE NORTHWEST

TW0420'SIDE OF ROUTE 1.

TW0420'

TW0420'TO REACH THE STATION FROM WETTENGEL SCHOOL AND JUNCTION, GO EASTERLY

TW0420'ON ROUTE 1 FOR 3.35 MILES TO THE ASATDAS JUNCTION, CONTINUE NORTHEAST

TW0420'ON ROUTE 1 FOR 2.35 MILES TO YIGO JUNCTION, CONTINUE FOR 0.05 MILE

TW0420'TO A TRACK ROAD LEFT, TURN LEFT AND FOLLOW ROAD UP ALONG TOP OF

TW0420'ROADSIDE BANK FOR 0.05 MILE TO THE STATION ON THE RIGHT.

TW0420'

TW0420'THE STATION MARK IS A STANDARD GUAM GEODETIC TRIANGULATION DISK,

TW0420'STAMPED---YIGO 1963---, SET IN CONCRETE IN A 8 INCH IRON HOUSING WITH

TW0420'CAP AND FLUSH WITH THE GROUND SURFACE. IT IS 59 FEET WEST OF THE

TW0420'CENTER OF ROUTE 1 AND 15 FEET NORTH NORTHEAST OF POWER LINE POLE

TW0420'NO A 728.

TW0420

TW0420

STATION RECOVERY (2004)

TW0420

TW0420'RECOVERY NOTE BY GUAM DEPARTMENT OF LAND MANAGEMENT 2004 (TJT)

TW0420'GENERAL STATION LOCATION- THE STATION IS LOCATED IN THE MUNICIPALITY

TW0420'OF YIGO.

TW0420'

TW0420'TO REACH NARRATIVE- TO REACH THE STATION FROM THE INTERSECTION OF

TW0420'MARINE CORP DRIVE (ROUTE 1) AND MAIN GATE AAFB, GO SOUTH ON ROUTE 1

TW0420'FOR 1.8 MILE TO THE STATION ON THE RIGHT SIDE OF ROUTE 1. (NOTE THIS

TW0420'IS A HARN'S STATION).

TW0420'

TW0420'MONUMENT DESCRIPTION AND MEASUREMENTS- THE STATION IS 4.30M NORTH OF A

TW0420'CONCRETE POWER POLE (PQ-112, DC/YP 45-6000), 26.70M SOUTH OF A

TW0420'CONCRETE POWER POLE (PBY-018) AND 14.82 SOUTH OF TELEPHONE BOX

TW0420'(1A1-5).

TW0420'

TW0420'THE MARK IS A STANDARD 1963 GUAM GEODETIC TRIANGULATION NET DISK

TW0420'STAMPED--YIGO--, SET IN A CONCRETE IN AN IRON CASING.

*** retrieval complete.

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