

# The NGS Data Sheet

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

PROGRAM = datasheet95, VERSION = 8.12.5.14

Starting Datasheet Retrieval...

1 National Geodetic Survey, Retrieval Date = FEBRUARY 14, 2023

AA5273 \*\*\*\*\*

AA5273 DESIGNATION - GPS 31

AA5273 PID - AA5273

AA5273 STATE/COUNTY- OH/MUSKINGUM

AA5273 COUNTRY - US

AA5273 USGS QUAD - CROOKSVILLE (2016)

AA5273

AA5273 \*CURRENT SURVEY CONTROL

AA5273

AA5273\* NAD 83(2011) POSITION- 39 46 13.71319(N) 082 00 02.46424(W) ADJUSTED

AA5273\* NAD 83(2011) ELLIP HT- 246.269 (meters) (06/27/12) ADJUSTED

AA5273\* NAD 83(2011) EPOCH - 2010.00

AA5273\* [NAVD 88](#) ORTHO HEIGHT - 280.2 (meters) 919. (feet) GPS OBS

AA5273

AA5273 NAVD 88 orthometric height was determined with geoid model GEOID93

AA5273 GEOID HEIGHT - -34.06 (meters) GEOID93

AA5273 GEOID HEIGHT - -33.918 (meters) GEOID18

AA5273 NAD 83(2011) X - 683,175.926 (meters) COMP

AA5273 NAD 83(2011) Y - -4,861,470.724 (meters) COMP

AA5273 NAD 83(2011) Z - 4,058,588.004 (meters) COMP

AA5273 LAPLACE CORR - -0.42 (seconds) DEFLEC18

AA5273

AA5273 Network accuracy estimates per FGDC Geospatial Positioning Accuracy

AA5273 Standards:

AA5273 FGDC (95% conf, cm) Standard deviation (cm) CorrNE

AA5273 Horiz Ellip SD\_N SD\_E SD\_h (unitless)

AA5273 -----

AA5273 NETWORK 1.04 1.67 0.45 0.39 0.85 0.17375488

AA5273 -----

AA5273 Click [here](#) for local accuracies and other accuracy information.

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AA5273.The horizontal coordinates were established by GPS observations

AA5273.and adjusted by the National Geodetic Survey in June 2012.

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AA5273.NAD 83(2011) refers to NAD 83 coordinates where the reference frame has

AA5273.been affixed to the stable North American tectonic plate. See

AA5273.[NA2011](#) for more information.

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AA5273.The horizontal coordinates are valid at the epoch date displayed above

AA5273.which is a decimal equivalence of Year/Month/Day.

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AA5273.The orthometric height was determined by GPS observations and a

AA5273.high-resolution geoid model.

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AA5273.Significant digits in the geoid height do not necessarily reflect accuracy.

AA5273.GEOID18 height accuracy estimate available [here](#).

AA5273

AA5273.Click [photographs](#) - Photos may exist for this station.

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AA5273.The X, Y, and Z were computed from the position and the ellipsoidal ht.

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AA5273.The Laplace correction was computed from DEFLEC18 derived deflections.

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AA5273.The ellipsoidal height was determined by GPS observations

AA5273.and is referenced to NAD 83.

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AA5273. The following values were computed from the NAD 83(2011) position.

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AA5273;		North	East	Units	Scale Factor	Converg.
AA5273;SPC OH S	-	196,667.213	642,778.901	MT	0.99995857	+0 19 00.6
AA5273;SPC OH S	-	645,232.35	2,108,850.44	sFT	0.99995857	+0 19 00.6
AA5273;UTM 17	-	4,402,761.596	414,295.766	MT	0.99969043	-0 38 24.7

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AA5273! - Elev Factor x Scale Factor = Combined Factor

AA5273!SPC OH S - 0.99996137 x 0.99995857 = 0.99991994

AA5273!UTM 17 - 0.99996137 x 0.99969043 = 0.99965181

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AA5273\_U.S. NATIONAL GRID SPATIAL ADDRESS: 17SME1429502761(NAD 83)

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AA5273 SUPERSEDED SURVEY CONTROL

AA5273

AA5273	NAD 83(2007)-	39 46 13.71419(N)	082 00 02.46518(W)	AD(2002.00)	0
AA5273	ELLIP H (02/10/07)	246.277 (m)		GP(2002.00)	
AA5273	ELLIP H (10/07/05)	246.262 (m)		GP( )	4 1
AA5273	NAD 83(1995)-	39 46 13.71310(N)	082 00 02.46357(W)	AD( )	1
AA5273	ELLIP H (04/01/98)	246.331 (m)		GP( )	4 1
AA5273	NAD 83(1986)-	39 46 13.71761(N)	082 00 02.47157(W)	AD( )	1

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AA5273.Superseded values are not recommended for survey control.

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AA5273.NGS no longer adjusts projects to the NAD 27 or NGVD 29 datums.

AA5273.See file [dsdata.pdf](#) to determine how the superseded data were derived.

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AA5273\_MARKER: DD = SURVEY DISK

AA5273\_SETTING: 7 = SET IN TOP OF CONCRETE MONUMENT

AA5273\_STAMPING: GPS 31

AA5273\_MARK LOGO: OH-119

AA5273\_MAGNETIC: R = STEEL ROD IMBEDDED IN MONUMENT

AA5273\_STABILITY: C = MAY HOLD, BUT OF TYPE COMMONLY SUBJECT TO

AA5273+STABILITY: SURFACE MOTION

AA5273\_SATELLITE: THE SITE LOCATION WAS REPORTED AS SUITABLE FOR

AA5273+SATELLITE: SATELLITE OBSERVATIONS - February 28, 2014

AA5273

AA5273	HISTORY	- Date	Condition	Report By
AA5273	HISTORY	- 1992	MONUMENTED	OH-119
AA5273	HISTORY	- 20140228	GOOD	OH-119

AA5273

AA5273 STATION DESCRIPTION

AA5273

AA5273'DESCRIBED BY MUSKINGUM COUNTY OHIO 1992 (LCC)

AA5273'THE STATION IS IN THE SW 1/4 OF SECTION 17, TOWNSHIP 10, RANGE 13,

AA5273'BRUSH CREEK TOWNSHIP, ABOUT 11 MI (17.7 KM) S OF ZANESVILLE AND 5 MI

AA5273'(8.0 KM) SE OF ROSEVILLE.

AA5273'

AA5273'TO REACH FROM ZANESVILLE AT THE INTERSECTION OF STATE ROUTE 60 (WAYNE

AA5273'AVENUE) AND STATE ROUTE 146 (MARIETTA STREET), GO 1.75 MI (2.82 KM) S

AA5273'ON STATE ROUTE 60 TO THE JUNCTION OF STATE ROUTE 555, TURN RIGHT ONTO

AA5273'STATE ROUTE 555 W ACROSS THE MUSKINGUM RIVER 0.20 MI (0.32 KM) TO THE

AA5273'JUNCTION OF STATE ROUTE 719, TURN LEFT ONTO STATE ROUTE 555 S FOR

AA5273'10.95 MI (17.62 KM) TO THE STATION ON THE RIGHT.

AA5273'

AA5273'THE DISK IS SET IN A 0.8 FT (24.4 CM) DIAMETER CONCRETE MONUMENT 0.3

AA5273'FT (9.1 CM) BELOW GROUND SURFACE. IT IS 0.25 MI (0.40 KM) N OF THE

AA5273'MUSKINGUM AND MORGAN COUNTY LINE, APPROXIMATELY 50.0 FT (15.2 M) N OF

AA5273'THE TOP OF A SMALL HILL, 72.0 FT (21.9 M) NW OF A POWER POLE MARKED

AA5273'(57), 22.3 FT (6.8 M) W OF THE CENTERLINE OF STATE ROUTE 555, AND 5.7

AA5273'FT (1.7 M) W OF A WITNESS POST.

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STATION RECOVERY (2014)

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AA5273'RECOVERY NOTE BY MUSKINGUM COUNTY OHIO 2014 (DPS)

AA5273'RECOVERED IN GOOD CONDITION.

\*\*\* retrieval complete.

Elapsed Time = 00:00:04