

# The NGS Data Sheet

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

PROGRAM = datasheet95, VERSION = 8.12.5.19

Starting Datasheet Retrieval...

1 National Geodetic Survey, Retrieval Date = MARCH 13, 2025 08:25:54 EDT

JX1427 \*\*\*\*\*

JX1427 DESIGNATION - D 184

JX1427 PID - JX1427

JX1427 STATE/COUNTY- OH/MUSKINGUM

JX1427 COUNTRY - US

JX1427 USGS QUAD - ZANESVILLE EAST (2016)

JX1427

JX1427 \*CURRENT SURVEY CONTROL

JX1427

JX1427\* NAD 83(2011) POSITION- 39 59 22.56127(N) 081 53 57.85098(W) ADJUSTED

JX1427\* NAD 83(2011) ELLIP HT- 214.695 (meters) (06/27/12) ADJUSTED

JX1427\* NAD 83(2011) EPOCH - 2010.00

JX1427\* NAVD 88 ORTHO HEIGHT - 248.492 (meters) 815.26 (feet) ADJUSTED

JX1427

JX1427 GEOID HEIGHT - -33.797 (meters) GEOID18

JX1427 NAD 83(2011) X - 689,566.753 (meters) COMP

JX1427 NAD 83(2011) Y - -4,844,786.696 (meters) COMP

JX1427 NAD 83(2011) Z - 4,077,238.911 (meters) COMP

JX1427 LAPLACE CORR - -0.33 (seconds) DEFLEC18

JX1427 DYNAMIC HEIGHT - 248.358 (meters) 814.82 (feet) COMP

JX1427 MODELED GRAVITY - 980,082.9 (mgal) NAVD 88

JX1427

JX1427 VERT ORDER - FIRST CLASS II

JX1427

JX1427 Network accuracy estimates per FGDC Geospatial Positioning Accuracy

JX1427 Standards:

JX1427 FGDC (95% conf, cm) Standard deviation (cm) CorrNE

JX1427 Horiz Ellip SD\_N SD\_E SD\_h (unitless)

JX1427 -----

JX1427 NETWORK 0.48 2.72 0.20 0.19 1.39 -0.02359497

JX1427 -----

JX1427 Click [here](#) for local accuracies and other accuracy information.

JX1427

JX1427.The horizontal coordinates were established by GPS observations

JX1427.and adjusted by the National Geodetic Survey in June 2012.

JX1427

JX1427.NAD 83(2011) refers to NAD 83 coordinates where the reference frame has

JX1427.been affixed to the stable North American tectonic plate. See

JX1427.[NA2011](#) for more information.

JX1427

JX1427.The horizontal coordinates are valid at the epoch date displayed above

JX1427.which is a decimal equivalence of Year/Month/Day.

JX1427

JX1427.The orthometric height was determined by differential leveling and

JX1427.adjusted by the NATIONAL GEODETIC SURVEY

JX1427.in June 1991.

JX1427

JX1427.Significant digits in the geoid height do not necessarily reflect accuracy.

JX1427.GEOID18 height accuracy estimate available [here](#).

JX1427

JX1427.Click [photographs](#) - Photos may exist for this station.

JX1427

JX1427.The X, Y, and Z were computed from the position and the ellipsoidal ht.

JX1427

JX1427.The Laplace correction was computed from DEFLEC18 derived deflections.

JX1427

JX1427.The ellipsoidal height was determined by GPS observations  
JX1427.and is referenced to NAD 83.

JX1427

JX1427.The dynamic height is computed by dividing the NAVD 88  
JX1427.geopotential number by the normal gravity value computed on the  
JX1427.Geodetic Reference System of 1980 (GRS 80) ellipsoid at 45  
JX1427.degrees latitude (g = 980.6199 gals.).

JX1427

JX1427.The modeled gravity was interpolated from observed gravity values.

JX1427

JX1427. The following values were computed from the NAD 83(2011) position.

JX1427

JX1427;		North	East	Units	Scale Factor	Converg.
JX1427;SPC OH S	-	221,048.788	651,294.263	MT	0.99999164	+0 22 51.9
JX1427;SPC OH S	-	725,224.23	2,136,787.93	sFT	0.99999164	+0 22 51.9
JX1427;UTM 17	-	4,426,990.282	423,215.025	MT	0.99967258	-0 34 40.9

JX1427

JX1427! - Elev Factor x Scale Factor = Combined Factor

JX1427!SPC OH S - 0.99996632 x 0.99999164 = 0.99995796

JX1427!UTM 17 - 0.99996632 x 0.99967258 = 0.99963891

JX1427

JX1427\_U.S. NATIONAL GRID SPATIAL ADDRESS: 17SME2321526990(NAD 83)

JX1427

JX1427	PID	Reference Object	Distance	Geod. Az
JX1427				ddmmss.s
JX1427	AA5318	GPS 86	15.326 METERS	14137

JX1427

JX1427 SUPERSEDED SURVEY CONTROL

JX1427

JX1427	NAD 83(2007)-	39 59 22.56148(N)	081 53 57.85224(W)	AD(2002.00)	1
JX1427	ELLIP H (01/27/09)	214.688 (m)		GP(2002.00)	3 1
JX1427	NAVD 88	248.49 (m)	815.3 (f)	LEVELING	3
JX1427	NGVD 29 (??/??/92)	248.715 (m)	815.99 (f)	ADJ UNCH	1 2

JX1427

JX1427.Superseded values are not recommended for survey control.

JX1427

JX1427.NGS no longer adjusts projects to the NAD 27 or NGVD 29 datums.

JX1427.See file [dsdata.pdf](#) to determine how the superseded data were derived.

JX1427

JX1427\_MARKER: DB = BENCH MARK DISK

JX1427\_SETTING: 7 = SET IN TOP OF CONCRETE MONUMENT

JX1427\_STAMPING: D 184 1954

JX1427\_MARK LOGO: CGS

JX1427\_PROJECTION: PROJECTING 30 CENTIMETERS

JX1427\_MAGNETIC: O = OTHER; SEE DESCRIPTION

JX1427\_STABILITY: C = MAY HOLD, BUT OF TYPE COMMONLY SUBJECT TO

JX1427+STABILITY: SURFACE MOTION

JX1427\_SATELLITE: THE SITE LOCATION WAS REPORTED AS SUITABLE FOR

JX1427+SATELLITE: SATELLITE OBSERVATIONS - October 17, 2008

JX1427

JX1427 HISTORY - Date Condition Report By

JX1427 HISTORY - 1954 MONUMENTED CGS

JX1427 HISTORY - 20080915 GOOD OH-119

JX1427 HISTORY - 20081017 GOOD OH-119

JX1427

JX1427 STATION DESCRIPTION

JX1427

JX1427'DESCRIBED BY COAST AND GEODETIC SURVEY 1954

JX1427'7.9 MI NE FROM ZANESVILLE.

JX1427'7.9 MILES NORTHEAST AND EAST ALONG THE BALTIMORE AND OHIO

JX1427'RAILROAD FROM THE STATION AT ZANESVILLE, ABOUT 0.5 MILE

JX1427'NORTHEAST OF SONORA, AT AN EAST-WEST BLACK TOP ROAD CROSSING,

JX1427'IN THE Y OF JUNCTION OF A GRAVEL ROAD LEADING NORTHEAST  
JX1427'PARALLEL TO THE TRACK, NORTHWEST AND ACROSS TRACK FROM  
JX1427'TELEPHONE POLE NO. 70/21, 68 FEET NORTHWEST AND ACROSS ROAD FROM  
JX1427'THE NORTHWEST RAIL, 23 1/2 FEET NORTH OF CENTER LINE OF EAST-WEST  
JX1427'ROAD, 20 FEET SOUTHEAST OF CENTER LINE OF ROAD NORTHEAST  
JX1427'PARALLEL TO TRACK, 4.3 FEET NORTH-NORTHWEST OF TELEPHONE POLE  
JX1427'NO. 86-10, 52 1/2 FEET NORTHWEST OF CROSSING WARNING SIGN NO.  
JX1427'5185, ABOUT 4 FEET ABOVE LEVEL OF TRACK, ABOUT LEVEL WITH ROAD  
JX1427'NORTHEAST AND SET IN THE TOP OF A CONCRETE POST PROJECTING 3  
JX1427'INCHES.

JX1427

STATION RECOVERY (2008)

JX1427

JX1427

JX1427'RECOVERY NOTE BY MUSKINGUM COUNTY OHIO 2008 (DPS)

JX1427'RECOVERED IN GOOD CONDITION.

JX1427

JX1427

STATION RECOVERY (2008)

JX1427

JX1427'RECOVERY NOTE BY MUSKINGUM COUNTY OHIO 2008 (DPS)

JX1427'RECOVERED AS DESCRIBED.

\*\*\* retrieval complete.

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