

The NGS Data Sheet

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

PROGRAM = datasheet95, VERSION = 8.12.5.20

Starting Datasheet Retrieval...

1 National Geodetic Survey, Retrieval Date = JUNE 30, 2025 11:49:18 EDT

OM1081 *****

OM1081 DESIGNATION - MADISON WIS ST CAPITOL DOME

OM1081 PID - OM1081

OM1081 STATE/COUNTY- WI/DANE

OM1081 COUNTRY - US

OM1081 USGS QUAD - MADISON WEST (2018)

OM1081

OM1081 *CURRENT SURVEY CONTROL

OM1081

OM1081* NAD 83(1991) POSITION- 43 04 28.89029(N) 089 23 03.00082(W) ADJUSTED

OM1081

OM1081 GEOID HEIGHT - -34.338 (meters) GEOID18

OM1081 LAPLACE CORR - -1.35 (seconds) DEFLEC18

OM1081 HORZ ORDER - THIRD

OM1081

OM1081.The horizontal coordinates were established by classical geodetic methods

OM1081.and adjusted by the National Geodetic Survey in November 1991.

OM1081

OM1081.Significant digits in the geoid height do not necessarily reflect accuracy.

OM1081.GEOID18 height accuracy estimate available [here](#).

OM1081

OM1081.Click [photographs](#) - Photos may exist for this station.

OM1081

OM1081.The Laplace correction was computed from DEFLEC18 derived deflections.

OM1081

OM1081. The following values were computed from the NAD 83(1991) position.

OM1081

OM1081; North East Units Scale Factor Converg.

OM1081;SPC WI S - 119,573.085 650,151.731 MT 0.99994870 +0 25 23.3

OM1081;SPC WI S - 392,299.36 2,133,039.47 sFT 0.99994870 +0 25 23.3

OM1081;UTM 16 - 4,771,868.071 305,902.185 MT 1.00006348 -1 37 43.6

OM1081

OM1081_U.S. NATIONAL GRID SPATIAL ADDRESS: 16TCN0590271868(NAD 83)

OM1081

OM1081 SUPERSEDED SURVEY CONTROL

OM1081

OM1081 NAD 83(1986)- 43 04 28.88221(N) 089 23 03.00287(W) AD() 3

OM1081 NAD 27 - 43 04 28.90200(N) 089 23 02.57000(W) AD() 3

OM1081

OM1081.Superseded values are not recommended for survey control.

OM1081

OM1081.NGS no longer adjusts projects to the NAD 27 or NGVD 29 datums.

OM1081.See file [dsdata.pdf](#) to determine how the superseded data were derived.

OM1081

OM1081_MARKER: 87 = DOME

OM1081_SATELLITE: THE SITE LOCATION WAS REPORTED AS SUITABLE FOR

OM1081+SATELLITE: SATELLITE OBSERVATIONS - July 25, 2012

OM1081

OM1081 HISTORY - Date Condition Report By

OM1081 HISTORY - 1935 FIRST OBSERVED CGS

OM1081 HISTORY - 1962 GOOD CGS

OM1081 HISTORY - 1967 GOOD CGS

OM1081 HISTORY - 1971 GOOD NGS

OM1081 HISTORY - 1973 GOOD UWI

OM1081 HISTORY - 1988 GOOD USPSQD

OM1081 HISTORY - 19970208 GOOD USPSQD
OM1081 HISTORY - 20021227 GOOD USPSQD
OM1081 HISTORY - 20040822 GOOD GEOCAC
OM1081 HISTORY - 20120725 GOOD GEOCAC

OM1081

OM1081 STATION DESCRIPTION

OM1081

OM1081'DESCRIBED BY COAST AND GEODETIC SURVEY 1935 (CAS)
OM1081'THIS STATION IS THE DOME ON THE WISCONSIN STATE CAPITOL
OM1081'BUILDING, IN THE CITY OF MADISON. IT IS LOCATED IN THE CENTRAL
OM1081'PART OF THE CITY ON A HIGH MOUND, AT S. HAMILTON STREET AND
OM1081'MAIN STREET. THE BUILDING WAS COMPLETED IN 1916. IT IS
OM1081'EXCEPTIONALLY PROMINENT AND CAN BE SEEN FOR MILES IN ALL
OM1081'DIRECTIONS.

OM1081'

OM1081'THE DOME IS ON THE CENTER OF THE BUILDING. THERE IS A CUPOLA
OM1081'30.6 FEET HIGH ON THE DOME WITH A GOLD STATUE 15.4 FEET
OM1081'HIGH AT ITS APEX. THE TOTAL HEIGHT TO THE TOP OF THE STATUE
OM1081'IS 289.9 FEET.

OM1081

OM1081 STATION RECOVERY (1962)

OM1081

OM1081'RECOVERY NOTE BY COAST AND GEODETIC SURVEY 1962 (RCY)
OM1081'THIS INTERSECTION STATION WAS RECOVERED AS DESCRIBED.

OM1081

OM1081 STATION RECOVERY (1967)

OM1081

OM1081'RECOVERY NOTE BY COAST AND GEODETIC SURVEY 1967 (ETO)
OM1081'THE STATION WAS RECOVERED. THE PREVIOUS DESCRIPTION IS
OM1081'ADEQUATE.

OM1081

OM1081 STATION RECOVERY (1971)

OM1081

OM1081'RECOVERY NOTE BY NATIONAL GEODETIC SURVEY 1971 (DLV)
OM1081'THE STATION WAS RECOVERED AS DESCRIBED IN GOOD CONDITION.
OM1081'

OM1081'AIRLINE DISTANCE AND DIRECTION FROM NEAREST TOWN--CENTRAL
OM1081'MADISON

OM1081

OM1081 STATION RECOVERY (1973)

OM1081

OM1081'RECOVERY NOTE BY UNIVERSITY OF WISCONSIN 1973 (GRS)
OM1081'THE INTERSECTION STATION WAS RECOVERED AS DESCRIBED.

OM1081

OM1081 STATION RECOVERY (1988)

OM1081

OM1081'RECOVERY NOTE BY US POWER SQUADRON 1988 (MLB)
OM1081'RECOVERED IN GOOD CONDITION.

OM1081

OM1081 STATION RECOVERY (1997)

OM1081

OM1081'RECOVERY NOTE BY US POWER SQUADRON 1997
OM1081'RECOVERED IN GOOD CONDITION.

OM1081

OM1081 STATION RECOVERY (2002)

OM1081

OM1081'RECOVERY NOTE BY US POWER SQUADRON 2002 (DRB)
OM1081'RECOVERED IN GOOD CONDITION.

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OM1081 STATION RECOVERY (2004)

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OM1081'RECOVERY NOTE BY GEOCACHING 2004 (RPM)
OM1081'RECOVERED IN GOOD CONDITION.

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OM1081 STATION RECOVERY (2012)

OM1081

OM1081'RECOVERY NOTE BY GEOCACHING 2012 (LPC)

OM1081'RECOVERED IN GOOD CONDITION.

*** retrieval complete.

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