

The NGS Data Sheet

See file dsdata.txt for more information about the datasheet.

Survey marker

DATABASE = , PROGRAM = dalasheet, VERSION = 7.67
 1 National Geodetic Survey, Retrieval Date = AUGUST 4, 2009
 GD0099 *****
 GD0099 DESIGNATION - V 22
 GD0099 PID - GD0099
 GD0099 STATE/COUNTY - KY/CALLOWAY
 GD0099 USGS QUAD - MURRAY (1986)
 GD0099
 GD0099 *CURRENT SURVEY CONTROL
 GD0099
 GD0099* NAD 83(2007) - 36 36 55.56814(N) 088 16 47.22823(W) ADJUSTED
 GD0099* NAVD 88 - 158.238 (meters) 519.15 (feet) ADJUSTED
 GD0099
 GD0099 EPOCH DATE - 2002.00
 GD0099 X - 153,866.825 (meters) COMP
 GD0099 Y - -5,123,355.976 (meters) COMP
 GD0099 Z - 3,783,301.365 (meters) COMP
 GD0099 LAPLACE CORR - -2.41 (seconds) DEFLEC99
 GD0099 ELLIP HEIGHT - 129.505 (meters) (02/10/97) ADJUSTED
 GD0099 GEOID HEIGHT - -28.69 (meters) GEOID03
 GD0099 DYNAMIC HT - 158.110 (meters) 518.73 (feet) COMP
 GD0099
 GD0099 ----- Accuracy Estimates (at 95% Confidence Level in cm) -----
 GD0099 Type PID Designation North East Ellip
 GD0099 -----
 GD0099 NETWORK GD0099 V 22 0.80 0.55 6.90
 GD0099 -----
 GD0099 MODELED GRAV - 979,819.8 (mgal) NAVD 88
 GD0099
 GD0099 VERT ORDER = FIRST CLASS II
 GD0099
 GD0099 The horizontal coordinates were established by GPS observations
 GD0099 and adjusted by the National Geodetic Survey in February 2007.
 GD0099
 GD0099 The datum tag of NAD 83(2007) is equivalent to NAD 83(NSRS2007).
 GD0099 See National Readjustment for more information.
 GD0099 The horizontal coordinates are valid at the epoch date displayed above.
 GD0099 The epoch date for horizontal control is a decimal equivalence
 GD0099 of Year/Month/Day.
 GD0099
 GD0099 The orthometric height was determined by differential leveling
 GD0099 and adjusted in June 1991.
 GD0099
 GD0099 The X, Y, and Z were computed from the position and the ellipsoidal ht.
 GD0099
 GD0099 The Laplace correction was computed from DEFLEC99 derived deflections.
 GD0099
 GD0099 The ellipsoidal height was determined by GPS observations
 GD0099 and is referenced to NAD 83.
 GD0099
 GD0099 The geoid height was determined by GEOID03.
 GD0099

v' NGS of PP

GD0099.The dynamic height is computed by dividing the NAVD 88
 GD0099.geopotential number by the normal gravity value computed on the
 GD0099.Geodetic Reference System of 1980 (GRS 80) ellipsoid at 45
 GD0099.degrees latitude ($g = 980.6199$ gals.).
 GD0099
 GD0099.The modeled gravity was interpolated from observed gravity values.
 GD0099

	North	East	Units	Scale Factor	Converg.
GD0099; SPC KY1Z	- 1,034,378.287	1,273,635.567	MT	1.00014476	-1 33 11.5
GD0099; SPC KY1Z	- 3,393,622.76	4,178,750.06	sFT	1.00014476	-1 33 11.5
GD0099; SPC KY S	- 534,335.945	273,712.336	MT	1.00002349	-1 32 03.2
GD0099; SPC KY S	- 1,753,067.18	898,004.56	sFT	1.00002349	1 32 03.2
GD0099; UTM 16	- 4,052,975.181	385,556.047	MT	0.99976136	-0 45 48.2
GD0099!	- Elev Factor	x Scale Factor	-	Combined Factor	
GD0099! SPC KY1Z	- 0.99997968	x 1.00014476	=	1.00012443	
GD0099! SPC KY S	- 0.99997968	x 1.00002349	=	1.00000317	
GD0099! UTM 16	- 0.99997968	x 0.99976136	=	0.99974104	

GD0099

SUPERSEDED SURVEY CONTROL

GD0099

GD0099	NAD 83(1993)-	36 36 55.56889(N)	088 16 47.22913(W)	AD() 1
GD0099	ELLIP H (01/09/97)	129.495 (m)		GP() 4 1
GD0099	NAVD 88 (01/09/97)	158.24 (m)	519.2	(f) LEVELING	3
GD0099	NGVD 29 (??/??/??)	158.284 (m)	519.30	(f) ADJUSTED	1 2

GD0099

GD0099.Superseded values are not recommended for survey control.
 GD0099.NGS no longer adjusts projects to the NAD 27 or NGVD 29 datums.
 GD0099.See file dsdata.txt to determine how the superseded data were derived.
 GD0099

GD0099

GD0099 U.S. NATIONAL GRID SPATIAL ADDRESS: 16SCF8555652975(NAD 83)

GD0099_MARKER: DB = BENCH MARK DISK

GD0099_SETTING: 7 = SET IN TOP OF CONCRETE MONUMENT

GD0099_SP SET: CONCRETE POST

GD0099_STAMPING: V 22 1934

GD0099_MARK LOGO: CGS

GD0099_MAGNETIC: N = NO MAGNETIC MATERIAL

GD0099_STABILITY: C = MAY HOLD, BUT OF TYPE COMMONLY SUBJECT TO

GD0099+STABILITY: SURFACE MOTION

GD0099_SATELLITE: THE SITE LOCATION WAS REPORTED AS SUITABLE FOR

GD0099+SATELLITE: SATELLITE OBSERVATIONS - June 15, 2004

GD0099

HISTORY	Date	Condition	Report By
GD0099	- 1934	MONUMENTED	CGS
GD0099	- 1946	GOOD	CGS
GD0099	- 1971	GOOD	NGS
GD0099	- 19920701	GOOD	LOCENG
GD0099	- 19951120	GOOD	LOWE
GD0099	- 20010221	GOOD	LOCSEB
GD0099	- 20010820	GOOD	KYDT
GD0099	- 20040615	GOOD	USACE

GD0099

STATION DESCRIPTION

GD0099

GD0099'DESCRIBED BY COAST AND GEODETIC SURVEY 1946

GD0099'1.4 MI NE FROM MURRAY.

GD0099'ABOUT 1.0 MILE EAST ALONG STATE HIGHWAY 94 FROM MURRAY, CALLOWAY

GD0099'COUNTY, AT THE TOP OF THE FIRST HILL, ABOUT 150 FEET WEST OF THE

GD0099'FARMHOUSE OF L. LOVETT, 60 FEET NORTHEAST OF A BARN, 15 FEET

GD0099'NORTH OF THE HIGHWAY, AND 10 FEET SOUTH OF A GATE TO THE BARNYARD.

GD0099'A STANDARD DISK, STAMPED V 22 1934 AND SET IN THE TOP OF A

GD0099'CONCRETE POST.
GD0099
GD0099 STATION RECOVERY (1971)
GD0099
GD0099'RECOVERY NOTE BY NATIONAL GEODETIC SURVEY 1971
GD0099'RECOVERED IN GOOD CONDITION.
GD0099
GD0099 STATION RECOVERY (1992)
GD0099
GD0099'RECOVERY NOTE BY LOCAL ENGINEER (INDIVIDUAL OR FIRM) 1992
GD0099'RECOVERED IN GOOD CONDITION.
GD0099
GD0099 STATION RECOVERY (1995)
GD0099
GD0099'RECOVERY NOTE BY LOWE ENGINEERS 1995 (LDS)
GD0099'RECOVERED AS DESCRIBED.
GD0099
GD0099 STATION RECOVERY (2001)
GD0099
GD0099'RECOVERY NOTE BY LOCAL SURVEYOR (INDIVIDUAL OR FIRM) 2001 (AWS)
GD0099'RECOVERED AS DESCRIBED
GD0099
GD0099 STATION RECOVERY (2001)
GD0099
GD0099'RECOVERY NOTE BY KENTUCKY DEPARTMENT OF TRANSPORTATION 2001 (JG)
GD0099'RECOVERED IN GOOD CONDITION.
GD0099
GD0099 STATION RECOVERY (2004)
GD0099
GD0099'RECOVERY NOTE BY US ARMY CORPS OF ENGINEERS 2004 (DLB)
GD0099'RECOVERED IN GOOD CONDITION.

*** retrieval complete.
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