

The NGS Data Sheet

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

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DATABASE = NGSIDB , PROGRAM = datasheet95, VERSION = 7.87.6
1      National Geodetic Survey,  Retrieval Date = APRIL 14, 2012
JE1044 *****
JE1044 FBN          - This is a Federal Base Network Control Station.
JE1044 DESIGNATION - K 56
JE1044 PID          - JE1044
JE1044 STATE/COUNTY- KS/ANDERSON
JE1044 USGS QUAD    - BUSH CITY (1983)
JE1044
JE1044                      *CURRENT SURVEY CONTROL
JE1044
JE1044* NAD 83(2007)- 38 12 36.22504(N)    095 08 41.49224(W)    ADJUSTED
JE1044* NAVD 88      -          314.327 (meters)    1031.25 (feet) ADJUSTED
JE1044
JE1044 EPOCH DATE   -          2002.00
JE1044 X           -    -450,008.221 (meters)                COMP
JE1044 Y           -    -4,998,044.901 (meters)                COMP
JE1044 Z           -    3,923,966.228 (meters)                COMP
JE1044 LAPLACE CORR-          -1.81 (seconds)                DEFLEC09
JE1044 ELLIP HEIGHT-          282.713 (meters)                (02/10/07) ADJUSTED
JE1044 GEOID HEIGHT-          -31.61 (meters)                GEOID09
JE1044 DYNAMIC HT   -          314.095 (meters)    1030.49 (feet) COMP
JE1044
JE1044 ----- Accuracy Estimates (at 95% Confidence Level in cm) -----
JE1044 Type      PID      Designation              North   East   Ellip
JE1044 -----
JE1044 NETWORK JE1044 K 56                          0.45   0.33   1.08
JE1044 -----
JE1044 MODELED GRAV-          979,884.4 (mgal)                NAVD 88
JE1044
JE1044 VERT ORDER  - SECOND      CLASS 0
JE1044
JE1044.The horizontal coordinates were established by GPS observations
JE1044.and adjusted by the National Geodetic Survey in February 2007.
JE1044
JE1044.The datum tag of NAD 83(2007) is equivalent to NAD 83(NSRS2007).
JE1044.See National Readjustment for more information.
JE1044
JE1044.The horizontal coordinates are valid at the epoch date displayed above
JE1044.which is a decimal equivalence of Year/Month/Day.
JE1044
JE1044.The orthometric height was determined by differential leveling and
JE1044.adjusted in June 1991.
JE1044
JE1044.WARNING-Repeat measurements at this control monument indicate possible
JE1044.vertical movement.
JE1044
JE1044.The X, Y, and Z were computed from the position and the ellipsoidal ht.
JE1044
JE1044.The Laplace correction was computed from DEFLEC09 derived deflections.
JE1044
JE1044.The ellipsoidal height was determined by GPS observations

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JE1044.and is referenced to NAD 83.

JE1044

JE1044.The geoid height was determined by GEOID09.

JE1044

JE1044.The dynamic height is computed by dividing the NAVD 88

JE1044.geopotential number by the normal gravity value computed on the

JE1044.Geodetic Reference System of 1980 (GRS 80) ellipsoid at 45

JE1044.degrees latitude (g = 980.6199 gals.).

JE1044

JE1044.The modeled gravity was interpolated from observed gravity values.

JE1044

JE1044;		North	East	Units	Scale	Factor	Converg.
JE1044;SPC KS S	-	576,581.586	693,769.285	MT	0.99994890	+2 03 42.6	
JE1044;SPC KS S	-	1,891,668.09	2,276,141.40	sFT	0.99994890	+2 03 42.6	
JE1044;UTM 15	-	4,231,296.979	312,215.138	MT	1.00003431	-1 19 37.5	

JE1044

JE1044! - Elev Factor x Scale Factor = Combined Factor

JE1044!SPC KS S - 0.99995564 x 0.99994890 = 0.99990454

JE1044!UTM 15 - 0.99995564 x 1.00003431 = 0.99998995

JE1044

JE1044 SUPERSEDED SURVEY CONTROL

JE1044

JE1044	ELLIP H (08/12/03)	282.724	(m)		GP()	4 1
JE1044	NAD 83(1997)-	38 12 36.22486(N)		095 08 41.49218(W)	AD()	B
JE1044	ELLIP H (12/22/97)	282.748	(m)		GP()	4 1
JE1044	NAVD 88 (12/22/97)	314.33	(m)	1031.3	(f) LEVELING	3
JE1044	NGVD 29 (??/??/92)	314.164	(m)	1030.72	(f) ADJ UNCH	2 0

JE1044

JE1044.Superseded values are not recommended for survey control.

JE1044.NGS no longer adjusts projects to the NAD 27 or NGVD 29 datums.

JE1044.[See file dsdata.txt](#) to determine how the superseded data were derived.

JE1044

JE1044_U.S. NATIONAL GRID SPATIAL ADDRESS: 15SUC1221531296(NAD 83)

JE1044

JE1044_MARKER: DB = BENCH MARK DISK

JE1044_SETTING: 7 = SET IN TOP OF CONCRETE MONUMENT

JE1044_SP_SET: SET IN TOP OF CONCRETE MONUMENT

JE1044_STAMPING: K 56 1934

JE1044_MARK LOGO: CGS

JE1044_MAGNETIC: N = NO MAGNETIC MATERIAL

JE1044_STABILITY: C = MAY HOLD, BUT OF TYPE COMMONLY SUBJECT TO

JE1044+STABILITY: SURFACE MOTION

JE1044_SATELLITE: THE SITE LOCATION WAS REPORTED AS SUITABLE FOR

JE1044+SATELLITE: SATELLITE OBSERVATIONS - April 01, 2005

JE1044

JE1044	HISTORY	- Date	Condition	Report By
JE1044	HISTORY	- 1934	MONUMENTED	CGS
JE1044	HISTORY	- 1950	GOOD	CGS
JE1044	HISTORY	- 19970427	GOOD	NGS
JE1044	HISTORY	- 20010611	GOOD	SKW
JE1044	HISTORY	- 20020702	GOOD	NGS
JE1044	HISTORY	- 20030723	GOOD	KSDT
JE1044	HISTORY	- 20050401	GOOD	USGS
JE1044	HISTORY	- 20080111	GOOD	

JE1044

JE1044 STATION DESCRIPTION

JE1044

JE1044'DESCRIBED BY COAST AND GEODETIC SURVEY 1934

JE1044'AT BUSH CITY.

JE1044'AT BUSH CITY, ANDERSON COUNTY, ON THE ABANDONED MISSOURI PACIFIC

JE1044'RAILROAD, 107 FEET SOUTH OF THE SOUTHWEST CORNER OF A BRICK

JE1044'STORE BUILDING, 80 FEET NORTHEAST OF THE CENTER LINE OF THE OLD
 JE1044'ROADBED, 75 FEET EAST OF A POWER-TRANSMISSION LINE POLE, 60 FEET
 JE1044'SOUTH OF THE CENTER LINE OF A GRAVEL ROAD, 15 FEET WEST OF THE
 JE1044'CENTER OF THE CONCRETE COVER OF AN ABANDONED WELL, AND 9 FEET
 JE1044'NORTH OF THE WEST END OF THE FENCE AROUND A BALL FIELD. A
 JE1044'STANDARD DISK, STAMPED K 56 1934 AND SET IN THE TOP OF A CONCRETE
 JE1044'POST FLUSH WITH THE GROUND.

JE1044

JE1044 STATION RECOVERY (1950)

JE1044

JE1044'RECOVERY NOTE BY COAST AND GEODETIC SURVEY 1950

JE1044'RECOVERED IN GOOD CONDITION.

JE1044

JE1044 STATION RECOVERY (1997)

JE1044

JE1044'RECOVERY NOTE BY NATIONAL GEODETIC SURVEY 1997 (CSM)

JE1044'THE STATION IS LOCATED ABOUT 11.26 KM (7.00 MI) SOUTHEAST OF GARNETT,
 JE1044'9.65 KM (6.00 MI) EAST OF U.S. HIGHWAY 59, NEAR THE SOUTH EDGE OF BUSH
 JE1044'CITY, NEAR THE NORTH EDGE OF A BALL FIELD, IN THE GRASS JUST
 JE1044'NORTH-NORTHEAST OF THE WEST END OF PIPE FENCE OF BALL FIELD. TO REACH
 JE1044'THE STATION FROM THE CROSSROADS JUNCTION OF COUNTY ROADS 1156 (TEXAS
 JE1044'RD) SOUTH, 1144 EAST AND 1300 RD WEST, NEAR THE NORTHWEST CORNER OF
 JE1044'BUSH CITY AND NEAR THE SANDSTONE BUSH CITY SIGN (EAST OF OLD BUSH CITY
 JE1044'SITE), GO SOUTH FOR 0.16 KM (0.10 MI) ON TEXAS ROAD TO A PAVED ROAD
 JE1044'LEFT. TURN LEFT, EAST FOR 0.32 KM (0.20 MI) ON THE PAVED ROAD TO THE
 JE1044'BALL FIELD AND STATION ON THE RIGHT. STATION IS 32.5 M (106.6 FT)
 JE1044'SOUTH OF THE SOUTHWEST CORNER OF AN ABANDONED BRICK BUILDING, 18.0 M
 JE1044'(59.1 FT) SOUTH OF THE PAVED ROAD CENTER, 9.6 M (31.5 FT)
 JE1044'WEST-NORTHWEST OF A METAL MULTIPLE LIGHT POLE FOR THE BALL FIELD, 5.4
 JE1044'M (17.7 FT) WEST OF A 7 FT (2.1 M) BY 8 FT (2.4 M) ABANDONED CONCRETE
 JE1044'WELL COVER CENTER, 2.8 M (9.2 FT) NORTH-NORTHEAST OF THE WEST END OF
 JE1044'THE PIPE BALL FIELD FENCE, ABOUT LEVEL WITH THE PAVED ROAD AND
 JE1044'PROJECTING 4 CM ABOVE GROUND.

JE1044

JE1044 STATION RECOVERY (2001)

JE1044

JE1044'RECOVERY NOTE BY SHAFER, KLINE AND WARREN INC 2001 (CMC)

JE1044'RECOVERED IN GOOD CONDITION.

JE1044

JE1044 STATION RECOVERY (2002)

JE1044

JE1044'RECOVERY NOTE BY NATIONAL GEODETIC SURVEY 2002 (GMR)

JE1044'THE STATION IS LOCATED ABOUT 11.26 KM (7.0 MI) SOUTHEAST OF GARNETT,
 JE1044'9.65 KM (6.0 MI) EAST
 JE1044'OF U.S. HIGHWAY 59, NEAR THE SOUTH EDGE OF THE SMALL COMMUNITY OF BUSH
 JE1044'CITY, AND IN
 JE1044'THE GRASS AT THE NORTH EDGE OF THE REMAINS OF AN ABANDONED BALL FIELD.
 JE1044'TO REACH THE
 JE1044'STATION FROM THE CROSSROADS JUNCTION OF COUNTY ROADS 1156 SOUTH (TEXAS
 JE1044'RD), 1144 EAST,
 JE1044'AND 1300 RD WEST, AT THE NORTHWEST EDGE OF BUSH CITY AND NEAR THE
 JE1044'LIMESTONE BUSH CITY
 JE1044'SIGN, GO SOUTH ON COUNTY ROAD 1156 FOR 0.16 KM (0.10 MI) TO A PAVED
 JE1044'STREET ON THE LEFT
 JE1044'(THIRD ST). TURN LEFT AND GO EAST ON THIRD STREET FOR 0.32 KM (0.20
 JE1044'MI) TO THE ABANDONED
 JE1044'BALL FIELD AND STATION ON THE RIGHT. LOCATED 32.5 M (106.6 FT) SOUTH
 JE1044'FROM THE SOUTHWEST
 JE1044'CORNER OF AN ABANDONED BRICK BUILDING, 18.0 M (59.0 FT) SOUTH FROM THE
 JE1044'CENTER OF THIRD
 JE1044'STREET, 9.6 M (31.5 FT) WEST-NORTHWEST FROM A METAL LIGHT POLE AT THE

JE1044'EDGE OF THE
JE1044'ABANDONED BALL FIELD, 5.4 M (17.7 FT) WEST FROM A 7 FT BY 8 FT
JE1044'CONCRETE WELL COVER CENTER,
JE1044'AND 0.52 M (1.7 FT) NORTH FROM A FIBERGLASS WITNESS POST.
JE1044
JE1044 STATION RECOVERY (2003)
JE1044
JE1044'RECOVERY NOTE BY KANSAS DEPARTMENT OF TRANSPORTATION 2003 (MRD)
JE1044'RECOVERED AS DESCRIBED.
JE1044
JE1044 STATION RECOVERY (2005)
JE1044
JE1044'RECOVERY NOTE BY US GEOLOGICAL SURVEY 2005 (SES)
JE1044'RECOVERED IN GOOD CONDITION.
JE1044
JE1044 STATION RECOVERY (2008)
JE1044
JE1044'RECOVERY NOTE BY 2008
JE1044'SITE HAS BEEN FENCED INTO PASTURE, ACCESS GATE IS AVAILABLE.
JE1044'
JE1044'

*** retrieval complete.

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