

The NGS Data Sheet

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

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PROGRAM = datasheet95, VERSION = 8.8
1      National Geodetic Survey,  Retrieval Date = DECEMBER  9, 2015
AW6576 *****
AW6576 DESIGNATION - RICE
AW6576 PID - AW6576
AW6576 STATE/COUNTY- TX/HARRIS
AW6576 COUNTRY - US
AW6576 USGS QUAD - BELLAIRE (1995)
AW6576
AW6576 *CURRENT SURVEY CONTROL
AW6576
AW6576* NAD 83(1993) POSITION- 29 43 07.88146(N) 095 23 53.67764(W) ADJUSTED
AW6576* NAVD 88 ORTHO HEIGHT - 15.2 (meters) 50. (feet) VERTCON
AW6576
AW6576 GEOID HEIGHT - -27.297 (meters) GEOID12B
AW6576 LAPLACE CORR - 0.41 (seconds) DEFLEC12B
AW6576 HORZ ORDER - FIRST
AW6576
AW6576.The horizontal coordinates were established by classical geodetic methods
AW6576.and adjusted by the National Geodetic Survey in February 1996.
AW6576.
AW6576.The NAVD 88 height was computed by applying the VERTCON shift value to
AW6576.the NGVD 29 height (displayed under SUPERSEDED SURVEY CONTROL.)
AW6576
AW6576.Significant digits in the geoid height do not necessarily reflect accuracy.
AW6576.GEOID12B height accuracy estimate available here.
AW6576
AW6576.The Laplace correction was computed from DEFLEC12B derived deflections.
AW6576
AW6576. The following values were computed from the NAD 83(1993) position.
AW6576
AW6576;
AW6576;SPC TXSC - 4,214,332.407 948,400.500 MT 0.99988562 +1 45 52.4
AW6576;SPC TXSC -13,826,522.24 3,111,543.97 sFT 0.99988562 +1 45 52.4
AW6576;UTM 15 - 3,290,040.815 268,011.037 MT 1.00026409 -1 11 22.0
AW6576
AW6576! - Elev Factor x Scale Factor = Combined Factor
AW6576!SPC TXSC - 1.00000190 x 0.99988562 = 0.99988752
AW6576!UTM 15 - 1.00000190 x 1.00026409 = 1.00026599
AW6576
AW6576: Primary Azimuth Mark Grid Az
AW6576:SPC TXSC - RICE AZ MK 2 064 17 43.3
AW6576:UTM 15 - RICE AZ MK 2 067 14 57.7
AW6576
AW6576 |-----|
AW6576 | PID Reference Object Distance Geod. Az |
AW6576 | | | | dddmmss.s |
AW6576 | AW6724 HOUSTON STANDARD RICE CO TANK APPROX. 5.0 KM 0090008.9 |
AW6576 | AW6720 HOUSTON JEFF DAVIS HOSP CHIM APPROX. 4.8 KM 0163213.2 |
AW6576 | AW6651 HOUSTON ESPERSON BLDG DOME APPROX. 5.5 KM 0355642.7 |
AW6576 | AW6690 HOUSTON TRINITY CEMENT CO STK APPROX. 7.6 KM 0552548.0 |
AW6576 | CV6717 RICE AZ MK 2 0660335.7 |

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AW6576	AW6511 HOUSTON LONE STAR BAG CO TANK	APPROX. 6.2 KM	0850728.8
AW6576	AW6593 HOUSTON HERMAN BLDG FLAGPOLE	APPROX. 0.5 KM	1725045.3
AW6576	AW6578 HOUSTON BROCKSTEIN INC TANK	APPROX. 7.5 KM	2150425.8
AW6576	CV6718 RICE RM 1	12.580 METERS	23153
AW6576	AW6585 WEST UNIVERSITY PLACE S TANK	APPROX. 3.8 KM	2461044.0
AW6576	CV6716 RICE AZ MK		2474012.5
AW6576	CV6719 RICE RM 2	12.886 METERS	25911
AW6576	AW6577 WEST UNIVERSITY PLACE N TANK	APPROX. 2.6 KM	2944055.9
AW6576	AW6581 HOUSTON ST ANNE CATH CH DOME	APPROX. 3.0 KM	3330504.8
AW6576	AW6718 HOUSTON MUNICIPAL TANK	APPROX. 4.4 KM	3514101.2
AW6576	AW6735 HOUSTON FIDELITY PROD CO TANK	APPROX. 7.5 KM	3515242.1
AW6576	AW6711 HOUSTON ORIENTAL TEXTILE TANK	APPROX. 9.8 KM	3541905.9

AW6576 -----

AW6576

AW6576 SUPERSEDED SURVEY CONTROL

AW6576

AW6576 NAD 83(1986)- 29 43 07.89577(N) 095 23 53.65873(W) AD() 1

AW6576 NAD 27 - 29 43 07.06977(N) 095 23 52.87734(W) AD() 1

AW6576 NGVD 29 (07/19/86) 15.2 (m) 50. (f) VERT ANG

AW6576

AW6576 Superseded values are not recommended for survey control.

AW6576

AW6576 NGS no longer adjusts projects to the NAD 27 or NGVD 29 datums.

AW6576 [See file dsdata.txt](#) to determine how the superseded data were derived.

AW6576

AW6576 U.S. NATIONAL GRID SPATIAL ADDRESS: 15RTN6801190040(NAD 83)

AW6576

AW6576 MARKER: DS = TRIANGULATION STATION DISK

AW6576 SETTING: 7 = SET IN TOP OF CONCRETE MONUMENT

AW6576 SATELLITE: THE SITE LOCATION WAS REPORTED AS SUITABLE FOR

AW6576+SATELLITE: SATELLITE OBSERVATIONS - October 06, 2005

AW6576

HISTORY	- Date	Condition	Report By
AW6576	HISTORY - 1942	MONUMENTED	CGS
AW6576	HISTORY - 1951	GOOD	CGS
AW6576	HISTORY - 1963	GOOD	CGS
AW6576	HISTORY - 1968	GOOD	CGS
AW6576	HISTORY - 1987	GOOD	USPSQD
AW6576	HISTORY - 19931030	GOOD	USPSQD
AW6576	HISTORY - 20020220	GOOD	NGS
AW6576	HISTORY - 20040517	GOOD	USPSQD
AW6576	HISTORY - 20051006	GOOD	USPSQD

AW6576

AW6576 STATION DESCRIPTION

AW6576

AW6576 DESCRIBED BY COAST AND GEODETIC SURVEY 1942 (FBQ)

AW6576 STATION IS LOCATED NEAR THE S EDGE OF HOUSTON ON THE CAMPUS

AW6576 OF RICE INSTITUTE, 139 FEET SE OF THE PHYSICS BUILDING, 139

AW6576 FEET SW OF AN ARCH THROUGH THE ADMINISTRATION BUILDING, 20

AW6576 FEET SE OF A GRAVEL WALK, 20 FEET NW OF A GRAVEL WALK, AND

AW6576 16 FEET SW OF THE NE END OF A RECTANGULAR SHAPED HEDGE. IT

AW6576 IS STAMPED RICE 1942 AND IS SET FLUSH WITH THE GROUND.

AW6576

AW6576 SURFACE, UNDERGROUND, REFERENCE, AND AZIMUTH MARKS ARE

AW6576 STANDARD BRONZE DISKS SET IN CONCRETE.

AW6576

AW6576 REFERENCE MARK NO. 1 IS SSW OF THE STATION AND 3 FEET NW OF

AW6576 THE HEDGE. IT IS STAMPED RICE NO. 1 1942 AND IS SET FLUSH

AW6576 WITH THE SURFACE OF THE GROUND.

AW6576

AW6576 REFERENCE MARK NO. 2 IS WNW OF THE STATION AND 3 FEET SE OF

AW6576 'THE HEDGE. IT IS STAMPED RICE NO. 2 1942 AND IS SET FLUSH
AW6576 'WITH THE SURFACE OF THE GROUND.

AW6576 '

AW6576 'THE AZIMUTH MARK IS WSW OF THE STATION AT THE SW EDGE OF THE
AW6576 'CAMPUS, 15 FEET SW OF THE CENTER LINE OF A DIRT ROAD AND 3
AW6576 'FEET S OF A WHITE REFERENCE POST. IT IS STAMPED RICE 1942
AW6576 'AND PROJECTS 3 INCHES.

AW6576 '

AW6576 'A 4-FOOT SIGNAL AT PORT IS VISIBLE AT 90 FEET.

AW6576 '

AW6576 'A 90-FOOT SIGNAL AT FIRE IS VISIBLE AT 90 FEET.

AW6576 '

AW6576 'A 90-FOOT SIGNAL AT HOUSTON NORTH BASE IS VISIBLE AT 90 FEET.

AW6576 '

AW6576 'A 90-FOOT SIGNAL AT HOUSTON SOUTH BASE IS VISIBLE AT 90 FEET.

AW6576 '

AW6576 'A 77-FOOT SIGNAL AT FOSTER WEST BASE (H.L. AND P.) IS VISIBLE
AW6576 'AT 90 FEET.

AW6576 '

AW6576 'A 77-FOOT SIGNAL AT BUELL IS VISIBLE AT 90 FEET.

AW6576 '

AW6576 'A 77-FOOT SIGNAL AT BELLAIRE IS VISIBLE AT 77 FEET.

AW6576 '

AW6576 'A 4-FOOT SIGNAL AT GULF (H.L. AND P.) IS VISIBLE AT 64 FEET.

AW6576

AW6576 STATION RECOVERY (1951)

AW6576

AW6576 'RECOVERY NOTE BY COAST AND GEODETIC SURVEY 1951 (CFO)

AW6576 'STATION WAS RECOVERED AND STATION MARK AND REFERENCE MARKS

AW6576 '1 AND 2 WERE FOUND IN GOOD CONDITION AS DESCRIBED. THE

AW6576 'AZIMUTH MARK WAS SEARCHED FOR BUT WAS NOT FOUND.

AW6576

AW6576 STATION RECOVERY (1963)

AW6576

AW6576 'RECOVERY NOTE BY COAST AND GEODETIC SURVEY 1963 (RWT)

AW6576 'THE STATION AND REFERENCE MARKS 1 AND 2 WERE RECOVERED AND FOUND

AW6576 'TO BE IN GOOD CONDITION. THE AZIMUTH MARK WAS FOUND DESTROYED.

AW6576 'A NEW AZIMUTH WAS SET AT THIS TIME. THE TO REACH IS ADEQUATE.

AW6576 '

AW6576 'THE STATION IS 23.7 FEET SOUTH-SOUTHEAST OF THE WEST HEDGE

AW6576 'ROW. 23.5 FEET NORTH-NORTHWEST OF THE EAST HEDGE ROW. 7.4

AW6576 'FEET NORTH-NORTHWEST OF THE EAST EDGE OF THE SIDE WALK. 8.5

AW6576 'FEET SOUTH-SOUTHEAST OF THE WEST EDGE OF THE SIDE WALK.

AW6576 '

AW6576 'REFERENCE MARK NO 1 IS 13.7 FEET NORTH-NORTHWEST OF THE EAST

AW6576 'HEDGE ROW. 2.3 FEET SOUTH-SOUTHEAST OF THE EAST EDGE OF THE

AW6576 'SIDE WALK.

AW6576 '

AW6576 'REFERENCE MARK NO 2 IS 13.7 FEET SOUTH-SOUTHEAST OF THE WEST

AW6576 'HEDGE ROW. 1.5 FEET NORTH-NORTHWEST OF THE WEST EDGE OF THE

AW6576 'SIDE WALK.

AW6576 '

AW6576 'AZIMUTH MARK IS A STANDARD DISK STAMPED RICE 1942 RESET 1963.

AW6576 'SET IN A DRILL HOLE IN THE MARBLE CORNER OF THE MAIN GATE.

AW6576 'IT IS 8.5 FEET EAST OF THE CENTER LINE OF THE DRIVE ENTRANCE.

AW6576 '0.5 FEET WEST OF THE CEMENT CORNER OF THE GATE.

AW6576 '

AW6576 'TO REACH THE AZIMUTH GO NORTHEASTERLY FOR ABOUT 0.3 MILE TO

AW6576 'THE MAIN GATE AND THE AZIMUTH ON THE RIGHT.

AW6576 '

AW6576 'HEIGHT OF LIGHT ABOVE STATION MARK 35.13 METERS.

AW6576

AW6576

STATION RECOVERY (1968)

AW6576

AW6576 'RECOVERY NOTE BY COAST AND GEODETIC SURVEY 1968 (JLC)

AW6576 'THE STATION MARK, REFERENCE MARK 1, REFERENCE MARK 2 AND THE

AW6576 'AZIMUTH MARK (RESET 1963) WERE RECOVERED IN GOOD CONDITION AND

AW6576 'AS DESCRIBED BY R.W.T. 1963.

AW6576 '

AW6576 'NOTE--THE STATION MARK IS LOCATED UNDER A 20-INCH SQUARE

AW6576 'IRON LID THAT HAS ALAMO IRON WORKS IN RAISED LETTERS ON

AW6576 'THE TOP. R.M. 1 TO R.M. 2 IS 19.73 FEET OR 6.012 METERS.

AW6576 '

AW6576 'HEIGHT OF LIGHT ABOVE STATION MARK 114.6 FEET.

AW6576

AW6576

STATION RECOVERY (1987)

AW6576

AW6576 'RECOVERY NOTE BY US POWER SQUADRON 1987 (MM)

AW6576 'RECOVERED IN GOOD CONDITION.

AW6576

AW6576

STATION RECOVERY (1993)

AW6576

AW6576 'RECOVERY NOTE BY US POWER SQUADRON 1993

AW6576 'RECOVERED IN GOOD CONDITION.

AW6576

AW6576

STATION RECOVERY (2002)

AW6576

AW6576 'RECOVERY NOTE BY NATIONAL GEODETIC SURVEY 2002 (DW)

AW6576 'STATION, RM 1, RM 2 AND AZ MK ALL RECOVERED IN GOOD CONDITION. ADMIN

AW6576 'BLDG. IS LOVETT HALL. IRON LID REPLACED WITH ONE WITH PUNCHED HOLES

AW6576 'IN FORM OF AN R AND CIRCLE. FROM 1963 DESCRIPTION REPLACE WEST WITH

AW6576 'NNW AND EAST WITH SSE. RMS ARE 0.07 M BELOW GRASS LEVEL AND NEXT TO

AW6576 'CHISELED SQUARE ON SIDEWALK. AZ MK SET IN GRANITE, NOT MARBLE.

AW6576

AW6576

STATION RECOVERY (2004)

AW6576

AW6576 'RECOVERY NOTE BY US POWER SQUADRON 2004 (GWS)

AW6576 'RM 1 AND 2 IN GOOD CONDITION.

AW6576

AW6576

STATION RECOVERY (2005)

AW6576

AW6576 'RECOVERY NOTE BY US POWER SQUADRON 2005 (GWS)

AW6576 'FOUND AS DESCRIBED.

AW6576 'R1 FOUND 3 INCHES BELOW GROUND.

AW6576 'R2 FOUND AT GRADE LEVEL.

*** retrieval complete.

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