

The NGS Data Sheet

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

DATABASE = Sybase ,PROGRAM = datasheet, VERSION = 7.03

1 National Geodetic Survey, Retrieval Date = JUNE 16, 2004

KW2949 *****

KW2949 DESIGNATION - STATE COLLEGE

KW2949 PID - KW2949

KW2949 STATE/COUNTY- PA/CENTRE

KW2949 USGS QUAD - STATE COLLEGE (1987)

KW2949

KW2949 *CURRENT SURVEY CONTROL

KW2949

KW2949* NAD 83(1992)- 40 48 13.83840(N) 077 51 44.25410(W) ADJUSTED

KW2949* NAVD 88 - 367. (meters) 1204. (feet) SCALED

KW2949

KW2949 LAPLACE CORR- -1.54 (seconds) DEFLEC99

KW2949 GEOID HEIGHT- -33.27 (meters) GEOID03

KW2949

KW2949 HORZ ORDER - FIRST

KW2949

KW2949.The horizontal coordinates were established by classical geodetic methods

KW2949.and adjusted by the National Geodetic Survey in June 2002.

KW2949

KW2949.The orthometric height was scaled from a topographic map.

KW2949

KW2949.The Laplace correction was computed from DEFLEC99 derived deflections.

KW2949

KW2949.The geoid height was determined by GEOID03.

KW2949

KW2949; North East Units Scale Factor Converg.

KW2949;SPC PA N - 70,767.435 590,524.142 MT 1.00001378 -0 04 27.4

KW2949;SPC PA S - 163,287.026 590,524.477 MT 0.99997846 -0 04 22.3

KW2949;UTM 18 - 4,520,925.114 258,549.698 MT 1.00031761 -1 52 16.8

KW2949

KW2949! - Elev Factor x Scale Factor = Combined Factor

KW2949!SPC PA N - 0.99994769 x 1.00001378 = 0.99996146

KW2949!SPC PA S - 0.99994769 x 0.99997846 = 0.99992615

KW2949!UTM 18 - 0.99994769 x 1.00031761 = 1.00026528

KW2949

KW2949: Primary Azimuth Mark Grid Az

KW2949:SPC PA N - STATE COLLEGE AZ MK 039 30 42.3

KW2949:SPC PA S - STATE COLLEGE AZ MK 039 30 37.2

KW2949:UTM 18 - STATE COLLEGE AZ MK 041 18 31.7

KW2949

KW2949 |-----|

KW2949 | PID Reference Object Distance Geod. Az

KW2949 | | | | dddmmss.s

KW2949 | KW2945 PURDUE FIRE TOWER APPROX.12.4 KM 0135627.6

KW2949 | CK8032 STATE COLLEGE AZ MK 0392614.9

KW2949 | KW2947 ROCKVIEW PENETENTIARY STACK APPROX. 9.0 KM 0525032.5

KW2949 | KW2952 STATE COLLEGE CLOCKTOWER APPROX. 0.8 KM 1830039.0

KW2949 | KW2946 STATE COLLEGE 2 29.939 METERS 18301

KW2949 | KW2951 STATE COLLEGE WATER TANK APPROX. 2.2 KM 1941156.3

KW2949 | KW2950 STATE COLLEGE WATER TOWER DOME APPROX. 1.0 KM 2212923.0

KW2949 | CK8033 STATE COLLEGE RM 1 34.205 METERS 26829

KW2949 | CK8034 STATE COLLEGE RM 2 60.331 METERS 35840

KW2949 |-----|

KW2949

KW2949 SUPERSEDED SURVEY CONTROL

KW2949

KW2949

KW2949 NAD 83(1986)- 40 48 13.83771(N) 077 51 44.25752(W) AD() 1
 KW2949 NAD 27 - 40 48 13.62000(N) 077 51 45.25300(W) AD() 1

KW2949

KW2949.Superseded values are not recommended for survey control.

KW2949.NGS no longer adjusts projects to the NAD 27 or NGVD 29 datums.

KW2949.[See file dsdata.txt](#) to determine how the superseded data were derived.

KW2949

KW2949_U.S. NATIONAL GRID SPATIAL ADDRESS: 18TTL5855020925(NAD 83)

KW2949_MARKER: DS = TRIANGULATION STATION DISK

KW2949_SETTING: 7 = SET IN TOP OF CONCRETE MONUMENT

KW2949

HISTORY	Date	Condition	Report By
HISTORY	- 1938	MONUMENTED	CGS
HISTORY	- 1958	SEE DESCRIPTION	CGS

KW2949

KW2949

STATION DESCRIPTION

KW2949

KW2949'DESCRIBED BY COAST AND GEODETIC SURVEY 1938 (APR)

KW2949'STATION IS ON GROUNDS OF PENNSYLVANIA STATE COLLEGE, IN NORTHERN PART

KW2949'OF GROUNDS IN A COW LOT IN BACK OF DAIRY BUILDINGS, 156

KW2949'FEET NNW OF NW CORNER OF PASTURE LABORATORY BUILDING, 57 FEET NW OF

KW2949'WIRE FENCE ON SE SIDE OF COW LOT, AND 254 FEET SW OF FENCE ON NE

KW2949'SIDE OF COW LOT, STATION IS IN SQUARE CONCRETE MONUMENT PROTRUDING 8

KW2949'INCHES OUT OF GROUND AND STAMPED STATE COLLEGE 1938.

KW2949'

KW2949'SURFACE, UNDERGROUND, REFERENCE, AND AZIMUTH MARKS ARE STANDARD

KW2949'BRONZE DISKS SET IN CONCRETE.

KW2949'

KW2949'REFERENCE MARK NO. 1, STAMPED STATE COLLEGE 1 1938, PROTRUDES 9

KW2949'INCHES, IS 34.205 METERS W OF STATION, AND 3 FEET N OF FENCE CORNER

KW2949'INSIDE COW LOT. REFERENCE MARK NO. 2, STAMPED STATE COLLEGE 2 1938,

KW2949'PROTRUDES 8 INCHES OUT OF GROUND, IS 60.331 METERS N OF STATION,

KW2949'AND IN NW FENCE LINE OF COW LOT.

KW2949'

KW2949'AZIMUTH IS 0.35 MILE NE OF STATION IN E CORNER OF T-ROAD, 24 FEET SE

KW2949'OF CENTER LINE OF MAIN ROAD, 10 FEET NE OF CENTER LINE OF T-ROAD,

KW2949'AND IS STAMPED STATE COLLEGE 1938, AND PROTRUDES 8 INCHES.

KW2949'

KW2949'TO REACH FROM INTERSECTION OF U.S. 322 AND PA. 45 IN TOWN OF STATE

KW2949'COLLEGE GO NE ON 45, 0.6 MILE TO MACADAM ROAD L, JUST BEYOND WOMENS

KW2949'DORMITORY. TURN L 0.5 MILE TO DAIRY BARN AND ROAD INTERSECTION.

KW2949'TURN R 0.15 MILE TO PASTURE LABORATORY ON R AND STATION ON L IN COW

KW2949'LOT. TO REACH AZIMUTH MARK FROM THIS POINT CONTINUE STRAIGHT AHEAD

KW2949'0.35 MILE TO T-INTERSECTION AND AZIMUTH IN E CORNER.

KW2949'

KW2949'CONSENT FOR OCCUPYING STATION OBTAINED FROM DEAN WHITEHEAD OF SCHOOL

KW2949'OF ENGINEERING.

KW2949'

KW2949'BOALS VISIBLE AT 37 FEET, PURDUE, ROCKVIEW, AND TUSSEY VISIBLE FROM

KW2949'GROUND.

KW2949'

KW2949'HEIGHT OF LIGHT ABOVE STATION MARK - 25 METERS.

KW2949

KW2949

STATION RECOVERY (1958)

KW2949

KW2949'RECOVERY NOTE BY COAST AND GEODETIC SURVEY 1958 (JEG)

KW2949'THE STATION AND REFERENCE MARKS WERE RECOVERED IN GOOD CONDITION.

KW2949'THE AZIMUTH MARK MONUMENT WAS FOUND LYING ON THE SURFACE OF THE

KW2949'GROUND. AT THE REQUEST OF PENNSYLVANIA STATE UNIVERSITY OFFICIALS

KW2949'THE SURFACE STATION AND REFERENCE MARKS WERE DESTROYED AND A NEW

KW2949'STATION, STATE COLLEGE 2 1958, WAS ESTABLISHED NEARBY.

*** retrieval complete.

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