The NGS Data Sheet

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

PROGRAM = datasheet95, VERSION = 8.12.5.2
1 National Geodetic Survey, Retrieval Date = MAY 15, 2019
DH4680 ***
DH4680 DESIGNATION - AKDOTPF GPS 52
DH4680 PID - DH4680
DH4680 STATE/COUNTY- AK/KENAI PENINSULA BOROUGH
DH4680 COUNTRY - US
DH4680 USGS QUAD - SEWARD B-8
DH4680
DH4680 *CURRENT SURVEY CONTROL
DH4680 _____
DH4680* NAD 83(2011) POSITION- 60 28 55.63605(N) 149 43 45.22132(W) ADJUSTED
DH4680* NAD 83(2011) ELLIP HT- 150.152 (meters) (06/27/12) ADJUSTED
DH4680* NAD 83(2011) EPOCH - 2010.00
DH4680* NAVD 88 ORTHO HEIGHT - 139.0 (meters) 456. (feet) GPS OBS
DH4680 _____
DH4680 NAVD 88 orthometric height was determined with geoid model GEOID99
DH4680 GEOID HEIGHT - 13.005 (meters) GEOID99
DH4680 GEOID HEIGHT - 11.109 (meters) GEOID12B
DH4680 NAD 83(2011) X - -2,720,978.371 (meters) COMP
DH4680 NAD 83(2011) Y - -1,588,149.917 (meters) COMP
DH4680 NAD 83(2011) Z - 5,527,269.849 (meters) COMP
DH4680 LAPLACE CORR - 0.06 (seconds) DEFLEC12B
DH4680
DH4680 Network accuracy estimates per FGDC Geospatial Positioning Accuracy
DH4680 Standards:
DH4680 FGDC (95% conf, cm) Standard deviation (cm) CorrNE
DH4680 Horiz Ellip SD_N SD_E SD_h (unitless)
DH4680 ----------
DH4680 NETWORK 1.21 3.10 0.57 0.38 1.58 0.15686190
DH4680 ----------
DH4680 Click here for local accuracies and other accuracy information.
DH4680
DH4680
DH4680.The horizontal coordinates were established by GPS observations
DH4680.and adjusted by the National Geodetic Survey in June 2012.
DH4680
DH4680.NAD 83(2011) refers to NAD 83 coordinates where the reference frame has
DH4680.been affixed to the stable North American tectonic plate. See
DH4680.NA2011 for more information.
DH4680
DH4680.The horizontal coordinates are valid at the epoch date displayed above
DH4680.which is a decimal equivalence of Year/Month/Day.
DH4680
DH4680.The orthometric height was determined by GPS observations and a
DH4680.high-resolution geoid model.

DH4680
DH4680.Significant digits in the geoid height do not necessarily reflect accuracy.
DH4680.GEOID12B height accuracy estimate available here.
DH4680
DH4680.The X, Y, and Z were computed from the position and the ellipsoidal ht.
DH4680
DH4680.The Laplace correction was computed from DEFLEC12B derived deflections.
DH4680
DH4680.The ellipsoidal height was determined by GPS observations
DH4680.and is referenced to NAD 83.
DH4680
DH4680. The following values were computed from the NAD 83(2011) position.
DH4680
DH4680;   North   East   Units Scale Factor Converg.
DH4680;SPC AK 4   -   721,831.401   514,887.176   MT 0.99990271   +0 14 08.3
DH4680;UTM 06   - 6,708,215.201   350,019.545   MT 0.99987564   -2 22 31.5
DH4680
DH4680!   - Elev Factor x Scale Factor =   Combined Factor
DH4680!SPC AK 4   -   0.99997650 x   0.99990271 =   0.99987921
DH4680!UTM 06   -   0.99997650 x   0.99987564 =   0.99985214
DH4680
DH4680:   Primary Azimuth Mark   Grid Az
DH4680:SPC AK 4   - AKDOTPF GPS 51   055 05 30.7
DH4680:UTM 06   - AKDOTPF GPS 51   057 42 10.5
DH4680
DH4680_U.S. NATIONAL GRID SPATIAL ADDRESS: 6VUN5001908215(NAD 83)
DH4680
DH4680|--|
DH4680| PID   Reference Object   Distance   Geod. Az |
DH4680| dddmmss.s |
DH4680| DH4681 AKDOTPF GPS 51   APPROX. 0.9 KM 0551939.0 |
DH4680|--|
DH4680
DH4680   SUPERSEDED SURVEY CONTROL
DH4680
DH4680 NAD 83(2007)- 60 28 55.62853(N)   149 43 45.21212(W) AD(2007.00) 0
DH4680 ELLIP H (02/10/07) 150.099 (m)   GP(2007.00)
DH4680 NAD 83(1992)- 60 28 55.62944(N)   149 43 45.21327(W) AD(   ) 1
DH4680 ELLIP H (06/20/05) 150.103 (m)   GP(   ) 5 2
DH4680
DH4680.Superseded values are not recommended for survey control.
DH4680
DH4680.NGS no longer adjusts projects to the NAD 27 or NGVD 29 datums.
DH4680.See file dsdata.pdf to determine how the superseded data were derived.
DH4680
DH4680_MARKER: DO = NOT SPECIFIED OR SEE DESCRIPTION
DH4680_SETTING: 15 = METAL ROD DRIVEN INTO GROUND. SEE TEXT FOR ADDITIONAL
DH4680+WITH SETTING: INFORMATION.
DH4680_STAMPING: GPS NO. 52 1989
DH4680_MAGNETIC: O = OTHER; SEE DESCRIPTION

DH4680_STABILITY: D = MARK OF QUESTIONABLE OR UNKNOWN STABILITY
DH4680_SATELLITE: THE SITE LOCATION WAS REPORTED AS SUITABLE FOR
DH4680+SATELLITE: SATELLITE OBSERVATIONS - 1989
DH4680
DH4680 HISTORY   - Date   Condition   Report By
DH4680 HISTORY   - UNK   MONUMENTED
DH4680 HISTORY   - 1989   GOOD   JOA
DH4680
DH4680   STATION DESCRIPTION
DH4680
DH4680'DESCRIBED BY JOHN OSWALD AND ASSOCIATES, LLC 1989
DH4680'THE STATION IS LOCATED 45 KM (27.95 MI) AIRLINE DISTANCE (72.5 KM
DH4680'(45.05 MI)HIGHWAY DISTANCE) NORTHWEST OF THE TOWN OF SEWARD, 80 KM
DH4680'(49.70 MI) EAST OF THE TOWN OF SOLDOTNA, AT THE SOUTHWEST END OF THE
DH4680'COOPER LANDING AIRSTRIP. OWNERSHIP, AIRPORT PARCEL. TO REACH THE
DH4680'STATION FROM THE JUNCTION OF THE SEWARD HIGHWAY AND THE STERLING
DH4680'HIGHWAY, DRIVE SOUTHWEST ON THE STERLING HIGHWAY 12.9 KM (8.00 MI) TO
DH4680'A GRAVEL ROAD ON THE LEFT (EAST) AT OLD MILEPOST 45.0, DRIVE EAST ON
DH4680'THE GRAVEL ROAD 0.5 KM (0.30 MI) TO A GRAVEL ROAD ON THE LEFT
DH4680'(NORTH), FOLLOW THE GRAVEL ROAD NORTH 200 M (656.2 FT) TO THE COOPER
DH4680'LANDING AIRSTRIP. THE STATION IS AT THE SOUTHWEST END OF RUNWAY. THE
DH4680'STATION IS A CENTERPUNCH MARK IN THE TOP OF A ROUNDED 9/16 INCH
DH4680'DIAMETER STAINLESS STEEL ROD, DRIVEN TO A DEPTH OF 4.88 M (16.0 FT),
DH4680'FLUSH WITH THE GROUND. A SPECIAL 2-1/2 INCH DIAMETER BRASS AKDOTPF
DH4680'SURVEY DISK STAMPED ---GPS NO. 52 1989--- IS PRESSED ONTO THE ROD. THE
DH4680'DISK AND ROD IS ENCASED IN A 10 CM DIAMETER PVC PIPE PROJECTING 5 CM
DH4680'ABOVE GROUND. IT IS 43.04 M (141.2 FT) SOUTHEAST OF A SIGNPOST, 67.97
DH4680'M (223.0 FT) NORTHWEST OF A POWER POLE. 0.61 M (2.0 FT) NORTHEAST OF
DH4680'AN ORANGE FIBERGLASS WITNESS POST. NOTE, NO REFERENCE MARKS WERE SET
DH4680'AT THIS TIME. NOTE, STATION IS INTERVISIBLE WITH AKDOTPF GPS 51.

*** retrieval complete.
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