

Long Baseline RTK

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ERIC GAKSTATTER

Datasheet

FACL

Standard deviations

- North: 0.48 cm
- East: 0.33 cm
- Height: 1.09 cm

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DQ9821 *****
DQ9821 HT_MOD - This is a Height Modernization Survey Station.
DQ9821 DESIGNATION - FACL
DQ9821 PID - DQ9821
DQ9821 STATE/COUNTY- OR/BENTON
DQ9821 COUNTRY - US
DQ9821 USGS QUAD - CORVALLIS (1986)
DQ9821
DQ9821 *CURRENT SURVEY CONTROL
DQ9821
DQ9821* NAD 83(2011) POSITION- 44 33 42.81292(N) 123 16 24.11353(W) ADJUSTED
DQ9821* NAD 83(2011) ELLIP HT- 47.775 (meters) (04/26/16) ADJUSTED
DQ9821* NAD 83(2011) EPOCH - 2010.00
DQ9821* NAVD 88 ORTHO HEIGHT - 70.45 (meters) 231.1 (feet) GPS OBS
DQ9821
DQ9821 GEOID HEIGHT - -22.684 (meters) GEOID12B
DQ9821 NAD 83(2011) X - -2,497,338.525 (meters) COMP
DQ9821 NAD 83(2011) Y - -3,805,688.777 (meters) COMP
DQ9821 NAD 83(2011) Z - 4,452,824.597 (meters) COMP
DQ9821 LAPLACE CORR - -6.52 (seconds) DEFLEC12B
DQ9821
DQ9821 Network accuracy estimates per FGDC Geospatial Positioning Accuracy
DQ9821 Standards:
DQ9821 FGDC (95% conf, cm) Standard deviation (cm) CorrNE
DQ9821 Horiz Ellip SD_N SD_E SD_h (unitless)
DQ9821 -----
DQ9821 NETWORK 1.03 2.14 0.48 0.33 1.09 0.20462594
DQ9821 -----
DQ9821 Click here for local accuracies and other accuracy information.
DQ9821
DQ9821
DQ9821.The horizontal coordinates were established by GPS observations
DQ9821.and adjusted by the OREGON STATE UNIVERSITY GEOMAT in April 2016.
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Long Baseline vs Short Baseline

DMG BASE – 100 KM

Residuals (m)

- Easting: -0.050
- Northing: -0.120
- Up: -0.041

ORGN NEAREST BASE – 15 KM

Residuals (m)

- Easting: -0.008
- Northing: -0.020
- Up: 0.028

Other notes

Time to fix

- Not notable, < 5 sec