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DATE: 11.09.2017
TIME: 15:23:54.842 GPS time

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SOFTWARE: DPOS(6/29/2017 2:10:02 PM)           START: 2017/08/19 03:27:09.000 PM
EPHEMERIS: brdc                                STOP: 2017/08/19 06:29:07.000 PM
OBS USED: 9640 / 9772                          TIME SPAN: 182 min
ANT NAME:                                       Geometry factor: 0.9
ANT HEIGHT: Slant(SHMP) - 1.426 meters         FIXED AMB: Yes
ANT DELTA N/E/H: 0.000/0.000/0.000           OVERALL RMS: 0.010 meters

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REF FRAME: NAD83(2011) (EPOCH:2010.0000) IGS08 (EPOCH:2017.6315)

X:	857621.200 (m)	0.006 (m)	857620.328 (m)	0.006 (m)
Y:	-4806524.397 (m)	0.006 (m)	-4806522.976 (m)	0.006 (m)
Z:	4090611.974 (m)	0.006 (m)	4090611.911 (m)	0.006 (m)

LAT: N 40 08	47.61915	0.006(m)	N 40 08	47.65002	0.006(m)
E LON:E 280 07	00.25804	0.006(m)	E 280 07	00.23230	0.006(m)
W LON: W 79 52	59.74196	0.006(m)	W 79 52	59.76770	0.006(m)
EL HGT:	269.161 (m)	0.006 (m)		267.934 (m)	0.006 (m)
ORTHO HGT:	302.419(m)	0.006(m)	[NAVD88 (Computed using GEOID12B)]		

	UTM COORDINATES	STATE PLANE COORDINATES
	UTM (Zone 17)	SPC (NAD83 (2011) /3702 Pennsylvania South)
Northing (Y) [meters]	4444621.965	92491.705
Easting (X) [meters]	17595121.368	418245.113
Convergence [degrees]	0.72006553	-1.38404555
Point Scale	0.99971139	0.99997351
Combined Factor	0.99966917	0.99993129

US NATIONAL GRID DESIGNATOR: NONE

BASE STATIONS USED

PID	DESIGNATION	LATITUDE		LONGITUDE		DISTANCE (m)
NONE	PAAP (CORS)	N	40 26 40.255	W	79 57 32.1291	33706.1
NONE	PAFU (CORS)	N	39 55 35.688	W	79 41 50.5101	29127.7
NONE	PAGW (CORS)	N	39 53 56.119	W	80 09 36.3777	36258.5
NONE	PAII (CORS)	N	40 36 20.248	W	79 11 09.3284	78140.9
NONE	PAWG (CORS)	N	40 18 19.242	W	79 30 22.3773	36617.2

RESIDUALS OF POSITION

VECTOR	dX	dY	dZ	dN	dE	dU
PAAP - log0819a	0.000	-0.004	0.015	0.009	-0.001	0.013
PAFU - log0819a	0.007	-0.005	0.026	0.016	0.006	0.021
PAGW - log0819a	0.018	-0.006	-0.032	-0.031	0.017	-0.014
PAII - log0819a	-0.004	-0.006	0.004	0.000	-0.006	0.007
PAWG - log0819a	-0.012	0.018	0.005	0.017	-0.008	-0.012