

OPUS-RS solution : 43243000.17o OP1552879877673

1 message

opus <opus@ngs.noaa.gov>
Reply-To: ngs.opus@noaa.gov
To: asahayes@tamu.edu

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NGS OPUS-RS SOLUTION REPORT =====

All computed coordinate accuracies are listed as 1-sigma RMS values.
For additional information: <https://www.ngs.noaa.gov/OPUS/about.jsp#accuracy>

USER: asahayes@tamu.edu DATE: March 18, 2019
RINEX FILE: 43243000q.17o TIME: 03:34:08 UTC

SOFTWARE: rsgps 1.38 RS52.prl 1.99.3 START: 2017/10/27 16:48:35
EPHEMERIS: igs19725.eph [precise] STOP: 2017/10/27 17:48:30
NAV FILE: brdc3000.17n OBS USED: 3186 / 6210 : 51%
ANT NAME: TRMR8 NONE QUALITY IND. 17.82/ 29.19
ARP HEIGHT: 2.000 NORMALIZED RMS: 0.379

REF FRAME: NAD_83(2011)(EPOCH:2010.0000) IGS08 (EPOCH:2017.82115)

X:	-806777.169(m)	0.014(m)	-806777.986(m)	0.014(m)
Y:	-5460287.250(m)	0.032(m)	-5460285.789(m)	0.032(m)
Z:	3229318.296(m)	0.020(m)	3229318.110(m)	0.020(m)

LAT:	30 36 55.61600	0.009(m)	30 36 55.63332	0.009(m)
E LON:	263 39 32.37732	0.014(m)	263 39 32.34078	0.014(m)
W LON:	96 20 27.62268	0.014(m)	96 20 27.65922	0.014(m)
EL HGT:	83.280(m)	0.037(m)	82.013(m)	0.037(m)
ORTHO HGT:	109.963(m)	0.039(m)	[NAVD88 (Computed using GEOID12B)]	

UTM COORDINATES		STATE PLANE COORDINATES	
UTM (Zone 14)		SPC (4203 TX C)	
Northing (Y) [meters]	3389998.859	3112045.454	
Easting (X) [meters]	754900.940	1082686.904	
Convergence [degrees]	1.35488611	2.05628333	
Point Scale	1.00040161	0.99990429	
Combined Factor	1.00038853	0.99989121	

US NATIONAL GRID DESIGNATOR: 14RQU5490089998(NAD 83)

BASE STATIONS USED			
PID	DESIGNATION	LATITUDE	LONGITUDE DISTANCE(m)
DO8865	TXCK CROCKETT CORS ARP	N311921.458	W0952609.242 116721.5
DH3608	TXHE HEMPSTEAD CORS ARP	N300556.472	W0960348.544 63162.6
DG9111	LCSM SMITHVILLE COOP CORS ARP	N300030.431	W0970731.758 101099.8
DO8863	TXC2 CAMERON CORS ARP	N305235.392	W0965820.397 67024.6
DN4508	TXLV LIVINGSTON CORS ARP	N304442.692	W0945518.194 136754.1
DH3604	TXCN CONROE CORS ARP	N302056.205	W0952628.336 91307.6
DL9812	TXCM COLUMBUS TXDOT CORS ARP	N294210.221	W0963438.333 103696.8
DO8873	TXMX MEXIA CORS ARP	N313542.418	W0963127.719 110016.8
DN5858	TXPI PALESTINE CORS ARP	N314328.159	W0963541.697 142050.4

NEAREST NGS PUBLISHED CONTROL POINT		
BM0028	A AND M COLLEGE	N303600055. W0962000027. 7.0

This position and the above vector components were computed without any knowledge by the National Geodetic Survey regarding the equipment or field operating procedures used.