

Town of Plymouth Data Sheet

Station:	Point 115	Air Port		NGS PID#		ID#	
Town:	Plymouth		Quad: Plym				
NAD83	Northerly	Easterly	NAD 27	Northerly	Easterly		
(Survey Ft)	2793686.36378	866012.85746	(Survey Ft)	333017.56362	809711.14704		
(meters)	851517.30671	263961.24688	(meters)	101503.95640	246800.45122		
						Order	
Elevation	Vert. Datum f/m	Order	Stamping:				
NAVD88	144.9701/44.187		Sketch				
NAVD29	145.79/44.435		Recov. Date:	Nov 7, 2006			
Marked by:	CB\Disc						
Description:							
Reference Marks:							
Azimuth Data:							
Geodetic:	<pre> NGS OPUS SOLUTION REPORT ===== USER: rfirth@townhall.plymouth.ma.us DATE: November 21, 2006 RINEX FILE: 5037311n.060 TIME: 15:12:50 UTC SOFTWARE: page5 0601.10 master2.pl START: 2006/11/07 13:46:00 EPHEMERIS: igr14002.eph [rapid] STOP: 2006/11/07 19:34:00 NAV FILE: brdc3110.06n OBS USED: 12256 / 12318 : 99% ANT NAME: TRM33429.00+GP NONE # FIXED AMB: 43 / 44 : 98% ARP HEIGHT: 1.7343120 OVERALL RMS: 0.011(m) REF FRAME: NAD_83(CORS96)(EPOCH:2002.0000) ITRF00 (EPOCH:2006.8512) X: 1568856.230(m) 0.002(m) 1568855.511(m) 0.002(m) Y: -4487238.506(m) 0.006(m) -4487237.065(m) 0.006(m) Z: 4238295.757(m) 0.006(m) 4238295.686(m) 0.006(m) LAT: 41 54 41.03083 0.003(m) 41 54 41.06370 0.003(m) E LON: 289 16 15.47421 0.004(m) 289 16 15.46540 0.004(m) W LON: 70 43 44.52579 0.004(m) 70 43 44.53460 0.004(m) EL HGT: 15.750(m) 0.008(m) 14.514(m) 0.008(m) ORTHO HGT: 44.187(m) 0.026(m) [Geoid03 NAVD88] UTM COORDINATES STATE PLANE COORDINATES UTM (Zone 19) SPC (3200 NC) Northing (Y) [meters] 4641384.369 137959.569 Easting (X) [meters] 356604.584 449530.278 Convergence [degrees] -1.15515817 -1.01198540 Point Scale 0.99985302 0.99988370 Combined Factor 0.99958265 0.99986010 US NATIONAL GRID DESIGNATOR: 19TCG5660541384(NAD 83) BASE STATIONS USED PID DESIGNATION LATITUDE LONGITUDE DISTANCE(m) DH5837 CTPU PUTNAM CORS ARP N415358.888 W0715320.889 96265.0 AI3285 NPRI NAVAL STATION NEW CORS ARP N413035.415 W0711939.125 66859.3 </pre>						

To convert meters to US survey feet
Multiply by 3.2808333333

	DI0876 ACU5 ACUSHNET 5 CORS ARP N414436.796 W0705313.027 22795.6 NEAREST NGS PUBLISHED CONTROL POINT LW5145 JULIE N415441.031 W0704344.526 0.0 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. 8002 The Opus solution for your submitted RINEX file appears to be 8002 quite close to an NGS published control point. This suggests that 8002 you may have set your GPS receiver up over an NGS control point. 8002 Furthermore, our files indicate that this control point has not 8002 been recovered in the last five years. 8002 If you did indeed recover an NGS control point, we would 8002 appreciate receiving this information through our web based 8002 Mark Recovery Form at 8002 http://www.ngs.noaa.gov/products_services.shtml#MarkRecoveryForm .
Grid Azimuth:	



To convert meters to US survey feet
Multiply by 3.280833333