

Town of Plymouth Data Sheet

Station:	Point 121	Seven Hills &Fed Furnace		NGS PID#		ID#	
Town:	Plymouth		Quad: Plym				
NAD83	Northerly	Easterly	NAD 27	Northerly	Easterly		
(Survey Ft)	2802583.3977	873219.36904	(Survey Ft)	341914.39426	816917.76253		
(meters)	854229.1281	266157.7960	(meters)	104215.71580	248997.03201		
						Order	
Elevation	Vert. Datum f/m	Order	Stamping:				
NAVD88	150.656/45.92		Sketch				
NAVD29	151.47/46.168		Recov. Date:	August 16, 2007			
Marked by:	PK						
Description:	PK Set on paved island Seven Hills and Federal Furnace						
Reference Marks:							
Azimuth Data:							
Geodetic:	NGS OPUS SOLUTION REPORT ===== USER: rfirth@townhall.plymouth.ma.us RINEX FILE: 5037227n.07o SOFTWARE: page5 0612.06 master22.pl EPHEMERIS: igu14403.eph [ultra-rapid] NAV FILE: brdc2270.07n ANT NAME: TRM33429.00+GP NONE ARP HEIGHT: 1.560576 REF FRAME: NAD_83(CORS96)(EPOCH:2002.0000) X: 1570359.570(m) 0.002(m) Y: -4484808.692(m) 0.036(m) Z: 4240299.609(m) 0.013(m) LAT: 41 56 8.26864 0.013(m) E LON: 289 17 51.88427 0.013(m) W LON: 70 42 8.11573 0.013(m) EL HGT: 17.570(m) 0.033(m) ORTHO HGT: 45.920(m) 0.042(m) UTM COORDINATES UTM (Zone 19) Northing (Y) [meters] 4644030.555 Easting (X) [meters] 358879.096 Convergence [degrees] -1.13779590 Point Scale 0.99984506 Combined Factor 0.00000000 US NATIONAL GRID DESIGNATOR: 19TCG5887944031(NAD 83) DATE: August 15, 2007 TIME: 19:23:39 UTC START: 2007/08/15 13:04:00 STOP: 2007/08/15 18:46:00 OBS USED: 11387 / 12327 : 92% # FIXED AMB: 47 / 55 : 85% OVERALL RMS: 0.021(m) ITRF00 (EPOCH:2007.6210) 1570358.838(m) 0.002(m) -4484807.252(m) 0.036(m) 4240299.542(m) 0.013(m) 41 56 8.30170 0.013(m) 289 17 51.87494 0.013(m) 70 42 8.12506 0.013(m) 16.334(m) 0.033(m) [Geoid03 NAVD88] STATE PLANE COORDINATES *** NOTE *** Please manually select SPC zone.						
Grid Azimuth:							

To convert meters to US survey feet
Multiply by 3.2808333333



To convert meters to US survey feet
Multiply by 3.280833333