

Town of Plymouth Data Sheet

Station:	Point 142	Mayflower St		NGS PID#		ID#	
Town:	Plymouth		Quad: Plym				
NAD83	Northerly	Easterly	NAD 27	Northerly	Easterly		
(Survey Ft)	2808725.78157	883922.12199	(Survey Ft)	348056.56635	827620.56913		
(meters)	856101.33043	269420.00162	(meters)	106087.85360	252259.25399		
						Order	
Elevation	Vert. Datum f/m	Order	Stamping:				
NAVD88	97.283/29.652		Sketch				
NAVD29	98.11/29.904		Recov. Date:	July 10, 2008			
Marked by:	Iron Rod						
Description:	3' Iron Rod set.						
Reference Marks:							
Azimuth Data:							
Geodetic:	FILE: 50371920.08o 000392818 2005 NOTE: The IGS precise and IGS rapid orbits were not available 2005 at processing time. The IGS ultra-rapid orbit was/will be used to 2005 process the data. 2005 NGS OPUS SOLUTION REPORT ===== All computed coordinate accuracies are listed as peak-to-peak values. For additional information: www.ngs.noaa.gov/OPUS/Using_OPUS.html#accuracy USER: rfirth@townhall.plymouth.ma.us DATE: July 11, 2008 RINEX FILE: 5037192m.08o TIME: 11:25:37 UTC SOFTWARE: page5 0612.06 master3.pl START: 2008/07/10 12:58:00 EPHEMERIS: igu14874.eph [ultra-rapid] STOP: 2008/07/10 18:28:00 NAV FILE: brdc1920.08n OBS USED: 8534 / 9852 : 87% ANT NAME: TRM33429.00+GP NONE # FIXED AMB: 62 / 70 : 89% ARP HEIGHT: 1.5697200 OVERALL RMS: 0.017(m) REF FRAME: NAD_83(CORS96)(EPOCH:2002.00000) ITRF00 (EPOCH:2008.5237) X: 1573043.967(m) 0.035(m) 1573043.231(m) 0.035(m) Y: -4482551.086(m) 0.020(m) -4482549.644(m) 0.020(m) Z: 4241658.056(m) 0.016(m) 4241657.983(m) 0.016(m) LAT: 41 57 7.93460 0.011(m) 41 57 7.96761 0.011(m) E LON: 289 20 14.28424 0.028(m) 289 20 14.27481 0.028(m) W LON: 70 39 45.71576 0.028(m) 70 39 45.72519 0.028(m) EL HGT: 1.392(m) 0.030(m) 0.150(m) 0.030(m) ORTHO HGT: 29.652(m) 0.040(m) [NAVD88 (Computed using GEOID03)] UTM COORDINATES STATE PLANE COORDINATES UTM (Zone 19) *** NOTE *** Northing (Y) [meters] 4645806.426 Please manually select Easting (X) [meters] 362194.150 SPC zone. Convergence [degrees] -1.11170606						

To convert meters to US survey feet
Multiply by 3.280833333

