

Town of Plymouth Data Sheet

Station:	Point 81	Town Corner 10		NGS PID#		ID#	
Town:	Plymouth		Quad: Plym				
NAD83	Northerly	Easterly	NAD 27	Northerly	Easterly		
(Survey Ft)	2820077.89566	875576.57395	(Survey Ft)	359408.68977	819275.21348		
(meters)	859561.46172	266876.27349	(meters)	109547.98774	249715.5845		
						Order	
Elevation	Vert. Datum f/m	Order	Stamping:	na			
NAVD88	11.37793/3.468		Sketch				
NAVD29	12.20/3.720		Recov. Date:	July 26,2006			
Marked by:	Stone Bound						
Description:	4' High Stone Bound as shown						
Reference Marks:							
Azimuth Data:							
Geodetic:	NGS OPUS SOLUTION REPORT ===== USER: rfirth@townhall.plymouth.ma.us DATE: July 27, 2006 RINEX FILE: 5037207m.06o TIME: 11:22:45 UTC SOFTWARE: page5 0601.10 master13.pl START: 2006/07/26 12:23:00 EPHEMERIS: igu13853.eph [ultra-rapid] STOP: 2006/07/26 18:29:00 NAV FILE: brdc2070.06n OBS USED: 9919 / 11201 : 89% ANT NAME: TRM33429.00+GP NONE # FIXED AMB: 54 / 60 : 90% ARP HEIGHT: 0.62484 OVERALL RMS: 0.021(m) REF FRAME: NAD_83(CORS96)(EPOCH:2002.0000) ITRF00 (EPOCH:2006.5661) X: 1569897.594(m) 0.022(m) 1569896.880(m) 0.022(m) Y: -4481164.402(m) 0.007(m) -4481162.961(m) 0.007(m) Z: 4244231.405(m) 0.018(m) 4244231.333(m) 0.018(m) LAT: 41 59 0.87420 0.015(m) 41 59 0.90707 0.015(m) E LON: 289 18 25.26125 0.023(m) 289 18 25.25267 0.023(m) W LON: 70 41 34.73875 0.023(m) 70 41 34.74733 0.023(m) EL HGT: -24.781(m) 0.011(m) -26.016(m) 0.011(m) ORTHO HGT: 3.468(m) 0.027(m) [Geoid03 NAVD88] UTM COORDINATES STATE PLANE COORDINATES UTM (Zone 19) SPC (2900 NJ) Northing (Y) [meters] 4649338.931 236356.924 Easting (X) [meters] 359752.944 110882.786 Convergence [degrees] -1.13265021 -0.30464234 Point Scale 0.99984203 0.99991883 Combined Factor 0.99957570 0.99989441 US NATIONAL GRID DESIGNATOR: 19TCG5975349339(NAD 83) BASE STATIONS USED PID DESIGNATION LATITUDE LONGITUDE DISTANCE(m) DH5837 CTPU PUTNAM CORS ARP N415358.888 W0715320.889 99627.8 DF9215 ZBW1 BOSTON WAAS 1 CORS ARP N424408.559 W0712849.518 105773.2						

To convert meters to US survey feet
Multiply by 3.2808333333

	AI3285 NPRI NAVAL STATION NEW CORS ARP N413035.415 W0711939.125 74526.9 NEAREST NGS PUBLISHED CONTROL POINT LW4591 KINGSTON CORNER 15 1888 N415900.951 W0704134.656 3.0 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.
Grid Azimuth:	



To convert meters to US survey feet
 Multiply by 3.280833333