

Town of Plymouth Data Sheet

Station:	Point 85	Town Cor 6 WM		NGS PID#		ID#	
Town:	Plymouth		Quad: Wareham				
NAD83	Northerly	Easterly	NAD 27	Northerly	Easterly		
(Survey Ft)	2771004.5847	878586.2007	(Survey Ft)	310335.7979	822284.1159		
(meters)	844603.8866	267793.6096	(meters)	94590.54038	250632.6998		
						Order	
Elevation	Vert. Datum f/m	Order	Stamping:	NA			
NAVD88	126.35/38.513		Sketch				
NAVD29	127.178/38.764		Recov. Date:	August 4, 2006			
Marked by:	Stone Bound						
Description:	2' Stone Obelisk/ Bound has been hit it's leaning						
Reference Marks:							
Azimuth Data:							
Geodetic:	NGS OPUS SOLUTION REPORT ===== USER: rfirth@townhall.plymouth.ma.us RINEX FILE: 5037213n.060 SOFTWARE: page5 0601.10 master12.pl EPHEMERIS: igu13862.eph [ultra-rapid] NAV FILE: brdc2130.06n ANT NAME: TRM33429.00+GP NONE ARP HEIGHT: 0.7833360 REF FRAME: NAD_83(CORS96)(EPOCH:2002.0000) X: 1573943.970(m) 0.009(m) Y: -4490368.097(m) 0.012(m) Z: 4233118.335(m) 0.013(m) LAT: 41 50 55.80450 0.006(m) E LON: 289 18 58.89115 0.009(m) W LON: 70 41 1.10885 0.009(m) EL HGT: 10.295(m) 0.016(m) ORTHO HGT: 38.764(m) 0.030(m) DATE: August 01, 2006 TIME: 19:19:26 UTC START: 2006/08/01 13:23:00 STOP: 2006/08/01 17:01:00 OBS USED: 5636 / 7076 : 80% # FIXED AMB: 29 / 30 : 97% OVERALL RMS: 0.022(m) ITRF00 (EPOCH:2006.5826) 1573943.256(m) 0.009(m) -4490366.654(m) 0.012(m) 4233118.262(m) 0.013(m) 41 50 55.83729 0.006(m) 289 18 58.88263 0.009(m) 70 41 1.11737 0.009(m) 9.056(m) 0.016(m) UTM COORDINATES UTM (Zone 19) Northing (Y) [meters] 4634362.983 Easting (X) [meters] 360233.060 Convergence [degrees] -1.12345242 Point Scale 0.99984038 Combined Factor 0.99997852 US NATIONAL GRID DESIGNATOR: 19TCG6023334363(NAD 83) STATE PLANE COORDINATES SPC (3102 NY C) 279151.094 184817.066 -0.53599188 0.99998976 0.99989927 BASE STATIONS USED						

To convert meters to US survey feet
Multiply by 3.280833333

	PID	DESIGNATION	LATITUDE	LONGITUDE	DISTANCE(m)
	DH5837	CTPU PUTNAM CORS ARP	N415358.888	W0715320.889	100230.5
	DF9215	ZBW1 BOSTON WAAS 1 CORS ARP	N424408.559	W0712849.518	118415.3
	AI3285	NPRI NAVAL STATION NEW CORS ARP	N413035.415	W0711939.125	65513.5
Grid Azimuth:					



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