

Town of Plymouth Data Sheet

Station:	Point 100	Town Cor 1 W.M.		NGS PID#		ID#											
Town:	Plymouth		Quad: Sag.														
NAD83	Northerly	Easterly	NAD 27	Northerly	Easterly												
(Survey Ft)	2739988.91525	892800.15515	(Survey Ft)	279320.10596	836497.55957												
(meters)	835150.29167	272126.03154	(meters)	85136.93857	254964.96609												
						Order											
Elevation	Vert. Datum f/m	Order	Stamping:														
NAVD88	8.107/2.471		Sketch														
NAVD29	8.95/2.728		Recov. Date:	August 17, 2006													
Marked by:	Drill Hole																
Description:	Drill Set in concrete Bridge pad																
Reference Marks:																	
Azimuth Data:																	
Geodetic:	NGS OPUS SOLUTION REPORT ===== USER: rfirth@townhall.plymouth.ma.us RINEX FILE: 5037229n.06o SOFTWARE: page5 0601.10 master28.pl EPHEMERIS: igu13884.eph [ultra-rapid] NAV FILE: brdc2290.06n ANT NAME: TRM33429.00+GP NONE ARP HEIGHT: 1.569720 REF FRAME: NAD_83(CORS96)(EPOCH:2002.00000) X: 1580031.267(m) 0.007(m) Y: -4494911.446(m) 0.015(m) Z: 4226015.750(m) 0.013(m) LAT: 41 45 48.01867 0.003(m) E LON: 289 22 2.52424 0.002(m) W LON: 70 37 57.47576 0.002(m) EL HGT: -26.041(m) 0.022(m) ORTHO HGT: 2.471(m) 0.033(m) [Geoid03 NAVD88] DATE: August 17, 2006 TIME: 19:23:50 UTC START: 2006/08/17 13:02:00 STOP: 2006/08/17 17:58:00 OBS USED: 9101 / 9307 : 98% # FIXED AMB: 40 / 41 : 98% OVERALL RMS: 0.016(m) ITRF00 (EPOCH:2006.6264) 1580030.552(m) 0.007(m) -4494910.002(m) 0.015(m) 4226015.677(m) 0.013(m) 41 45 48.05143 0.003(m) 289 22 2.51577 0.002(m) 70 37 57.48423 0.002(m) -27.282(m) 0.022(m) UTM COORDINATES UTM (Zone 19) Northing (Y) [meters] 4624788.554 Easting (X) [meters] 364287.340 Convergence [degrees] -1.08758896 Point Scale 0.99982664 Combined Factor 0.99960682 US NATIONAL GRID DESIGNATOR: 19TCG6428724789(NAD 83) STATE PLANE COORDINATES SPC (3001 NM E) 453248.892 231039.171 0.41629230 0.99996282 0.99977147 BASE STATIONS USED <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 20%;">PID</th> <th style="width: 30%;">DESIGNATION</th> <th style="width: 20%;">LATITUDE</th> <th style="width: 20%;">LONGITUDE</th> <th style="width: 10%;">DISTANCE(m)</th> </tr> </thead> <tbody> <tr> <td>DH5837</td> <td>CTPU PUTNAM CORS ARP</td> <td>N415358.888</td> <td>W0715320.889</td> <td>105467.6</td> </tr> </tbody> </table>							PID	DESIGNATION	LATITUDE	LONGITUDE	DISTANCE(m)	DH5837	CTPU PUTNAM CORS ARP	N415358.888	W0715320.889	105467.6
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DH5837	CTPU PUTNAM CORS ARP	N415358.888	W0715320.889	105467.6													

To convert meters to US survey feet
Multiply by 3.2808333333

	AI3285 NPRI NAVAL STATION NEW CORS ARP	N413035.415 W0711939.125	64381.6
	DI0876 ACU5 ACUSHNET 5 CORS ARP	N414436.796 W0705313.027	21265.5
Grid Azimuth:			



To convert meters to US survey feet
Multiply by 3.280833333