

Town of Plymouth Data Sheet

Station:	Point 98	Town Cor 2 WM 2		NGS PID#		ID#	
Town:	Plymouth		Quad: Sag.				
NAD83	Northerly	Easterly	NAD 27	Northerly	Easterly		
(Survey Ft)	2749068.18607	894974.63008	(Survey Ft)	288399.25773	838672.15981		
(meters)	837917.65895	272788.81283	(meters)	87904.26956	255627.78557		
						Order	
Elevation	Vert. Datum f/m	Order	Stamping:				
NAVD88	68.172/20.779		Sketch				
NAVD29	69.01/21.035		Recov. Date:	August 16, 2006			
Marked by:	Iron Rod						
Description:	3' Iron Rod set						
Reference Marks:							
Azimuth Data:							
Geodetic:	NGS OPUS SOLUTION REPORT ===== USER: rfirth@townhall.plymouth.ma.us RINEX FILE: 5037228m.06o SOFTWARE: page5 0601.10 master22.pl EPHEMERIS: igu13883.eph [ultra-rapid] NAV FILE: brdc2280.06n ANT NAME: TRM33429.00+GP NONE ARP HEIGHT: 1.6764000 REF FRAME: NAD_83(CORS96)(EPOCH:2002.00000) X: 1580077.707(m) 0.001(m) Y: -4492960.195(m) 0.016(m) Z: 4228086.617(m) 0.013(m) LAT: 41 47 17.49197 0.003(m) E LON: 289 22 32.44570 0.006(m) W LON: 70 37 27.55430 0.006(m) EL HGT: -7.687(m) 0.018(m) ORTHO HGT: 20.779(m) 0.031(m) [Geoid03 NAVD88] DATE: August 17, 2006 TIME: 11:27:41 UTC START: 2006/08/16 12:32:00 STOP: 2006/08/16 17:46:00 OBS USED: 8536 / 9563 : 89% # FIXED AMB: 42 / 43 : 98% OVERALL RMS: 0.015(m) ITRF00 (EPOCH:2006.6236) 1580076.992(m) 0.001(m) -4492958.751(m) 0.016(m) 4228086.544(m) 0.013(m) 41 47 17.52476 0.003(m) 289 22 32.43723 0.006(m) 70 37 27.56277 0.006(m) -8.928(m) 0.018(m) UTM COORDINATES UTM (Zone 19) Northing (Y) [meters] 4627534.966 Easting (X) [meters] 365030.389 Convergence [degrees] -1.08257593 Point Scale 0.99982417 Combined Factor 0.99977452 US NATIONAL GRID DESIGNATOR: 19TCG6503027535(NAD 83) BASE STATIONS USED PID DESIGNATION LATITUDE LONGITUDE DISTANCE(m) DH5837 CTPU PUTNAM CORS ARP N415358.888 W0715320.889 105772.3 STATE PLANE COORDINATES SPC (1802 ME W) 117245.149 871695.565 -0.24419739 0.99997652 0.99996795						

To convert meters to US survey feet
Multiply by 3.2808333333

	AI3285 NPRI NAVAL STATION NEW CORS ARP	N413035.415 W0711939.125	66237.6
	DI0876 ACU5 ACUSHNET 5 CORS ARP	N414436.796 W0705313.027	22394.5
Grid Azimuth:			



To convert meters to US survey feet
 Multiply by 3.280833333