

Town of Plymouth Data Sheet

Station:	Point 101	Town Cor. W.M. 2		NGS PID#		ID#	
Town:	Plymouth		Quad: Sag.				
NAD83	Northerly	Easterly	NAD 27	Northerly	Easterly		
(Survey Ft)	2740369.83683	892622.33726	(Survey Ft)	279701.02850	836319.74804		
(meters)	835266.3968	272071.83254	(meters)	85253.04399	254910.76902		
						Order	
Elevation	Vert. Datum f/m	Order	Stamping:				
NAVD88	8.461/2.579		Sketch				
NAVD29	9.30/2.836		Recov. Date:	August 18,2006			
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: 5037230m.06o SOFTWARE: page5 0601.10 master11.pl EPHEMERIS: igr13885.eph [rapid] NAV FILE: brdc2300.06n ANT NAME: TRM33429.00+GP NONE ARP HEIGHT: 1.6764 REF FRAME: NAD_83(CORS96)(EPOCH:2002.0000) X: 1579955.512(m) 0.010(m) Y: -4494855.803(m) 0.003(m) Z: 4226102.831(m) 0.010(m) LAT: 41 45 51.79960 0.010(m) E LON: 289 22 0.22906 0.008(m) W LON: 70 37 59.77094 0.008(m) EL HGT: -25.933(m) 0.008(m) ORTHO HGT: 2.579(m) 0.026(m) [Geoid03 NAVD88] DATE: August 21, 2006 TIME: 13:00:57 UTC START: 2006/08/18 12:30:00 STOP: 2006/08/18 18:36:30 OBS USED: 12532 / 13120 : 96% # FIXED AMB: 63 / 63 : 100% OVERALL RMS: 0.017(m) ITRF00 (EPOCH:2006.6292) 1579954.797(m) 0.010(m) -4494854.359(m) 0.003(m) 4226102.758(m) 0.010(m) 41 45 51.83237 0.010(m) 289 22 0.22059 0.008(m) 70 37 59.77941 0.008(m) -27.175(m) 0.008(m) UTM COORDINATES UTM (Zone 19) Northing (Y) [meters] 4624906.170 Easting (X) [meters] 364236.557 Convergence [degrees] -1.08803613 Point Scale 0.99982681 Combined Factor 0.99960682 US NATIONAL GRID DESIGNATOR: 19TCG6423724906(NAD 83) BASE STATIONS USED PID DESIGNATION LATITUDE LONGITUDE DISTANCE(m) DH5837 CTPU PUTNAM CORS ARP N415358.888 W0715320.889 105397.6 STATE PLANE COORDINATES SPC (3001 NM E) 453248.896 231039.169 0.41629228 0.99996282 0.99977148						

To convert meters to US survey feet
Multiply by 3.280833333

	AI3285 NPRI NAVAL STATION NEW CORS ARP	N413035.415 W0711939.125	64384.6
	DI0876 ACU5 ACUSHNET 5 CORS ARP	N414436.796 W0705313.027	21225.0
Grid Azimuth:			



To convert meters to US survey feet
Multiply by 3.280833333