

Town of Plymouth Data Sheet

Station:	Point 105	17 Lake Avenue		NGS PID#		ID#	
Town:	Plymouth		Quad: Sag.				
NAD83	Northerly	Easterly	NAD 27	Northerly	Easterly		
(Survey Ft)	2748687.95894	909633.06859	(Survey Ft)	288018.71726	853330.53414		
(meters)	837801.76549	277256.71382	(meters)	87788.28060	260095.6670		
						Order	
Elevation	Vert. Datum f/m	Order	Stamping:				
NAVD88	39.3208/11.985		Sketch				
NAVD29	40.16/12.242		Recov. Date:	August 24, 2006			
Marked by:	Drill Hole						
Description:	Drill Hole in ledge						
Reference Marks:							
Azimuth Data:							
Geodetic:	NGS OPUS SOLUTION REPORT ===== USER: rfirth@townhall.plymouth.ma.us RINEX FILE: 5037236n.06o SOFTWARE: page5 0601.10 master31.pl EPHEMERIS: igu13894.eph [ultra-rapid] NAV FILE: brdc2360.06n ANT NAME: TRM33429.00+GP NONE ARP HEIGHT: 1.41732 REF FRAME: NAD_83(CORS96)(EPOCH:2002.00000) X: 1584324.474(m) 0.013(m) Y: -4491572.866(m) 0.017(m) Z: 4227959.169(m) 0.015(m) LAT: 41 47 12.20346 0.003(m) E LON: 289 25 45.87861 0.008(m) W LON: 70 34 14.12139 0.008(m) EL HGT: -16.375(m) 0.025(m) ORTHO HGT: 11.985(m) 0.035(m) DATE: August 24, 2006 TIME: 19:07:54 UTC START: 2006/08/24 13:27:00 STOP: 2006/08/24 17:59:30 OBS USED: 7634 / 9433 : 81% # FIXED AMB: 45 / 46 : 98% OVERALL RMS: 0.018(m) ITRF00 (EPOCH:2006.6456) 1584323.759(m) 0.013(m) -4491571.422(m) 0.017(m) 4227959.096(m) 0.015(m) 41 47 12.23625 0.003(m) 289 25 45.87021 0.008(m) 70 34 14.12979 0.008(m) -17.617(m) 0.025(m) UTM COORDINATES UTM (Zone 19) Northing (Y) [meters] 4627288.886 Easting (X) [meters] 369492.237 Convergence [degrees] -1.04672481 Point Scale 0.99980959 Combined Factor 0.99944314 US NATIONAL GRID DESIGNATOR: 19TCG6949227289(NAD 83) BASE STATIONS USED PID DESIGNATION LATITUDE LONGITUDE DISTANCE(m) DH5837 CTPU PUTNAM CORS ARP N415358.888 W0715320.889 110224.7 STATE PLANE COORDINATES SPC (2500 MT) 362008.617 466498.998 -1.29686176 0.99942795 0.99926593						

To convert meters to US survey feet
Multiply by 3.280833333

	AI3285 NPRI NAVAL STATION NEW CORS ARP	N413035.415 W0711939.125	70156.1
	DI0876 ACU5 ACUSHNET 5 CORS ARP	N414436.796 W0705313.027	26740.4
Grid Azimuth:			



To convert meters to US survey feet
Multiply by 3.280833333