

Town of Plymouth Data Sheet

Station:	Point 104	Herring Pond Road		NGS PID#		ID#	
Town:	Plymouth		Quad: Sag.				
NAD83	Northerly	Easterly	NAD 27	Northerly	Easterly		
(Survey Ft)	2749485.40589	912075.65617	(Survey Ft)	288816.10699	855773.12392		
(meters)	838044.82780	278001.216	(meters)	88031.32547	260840.16985		
						Order	
Elevation	Vert. Datum f/m	Order	Stamping:				
NAVD88	36.1449/11.017		Sketch				
NAVD29	36.99/11.275		Recov. Date:	August 23, 2006			
Marked by:	Iron Rod						
Description:	3' Iron Rod set behind guard rail.						
Reference Marks:							
Azimuth Data:							
Geodetic:	NGS OPUS SOLUTION REPORT ===== USER: rfirth@townhall.plymouth.ma.us RINEX FILE: 5037235n.06o SOFTWARE: page5 0601.10 master11.pl EPHEMERIS: igu13893.eph [ultra-rapid] NAV FILE: brdc2350.06n ANT NAME: TRM33429.00+GP NONE ARP HEIGHT: 1.520952 REF FRAME: NAD_83(CORS96)(EPOCH:2002.00000) X: 1584976.716(m) 0.009(m) Y: -4491176.006(m) 0.023(m) Z: 4228133.682(m) 0.018(m) LAT: 41 47 19.81705 0.001(m) E LON: 289 26 18.23516 0.011(m) W LON: 70 33 41.76484 0.011(m) EL HGT: -17.322(m) 0.027(m) ORTHO HGT: 11.017(m) 0.037(m) [Geoid03 NAVD88] DATE: August 23, 2006 TIME: 19:11:07 UTC START: 2006/08/23 13:07:00 STOP: 2006/08/23 18:10:00 OBS USED: 8010 / 10212 : 78% # FIXED AMB: 78 / 85 : 92% OVERALL RMS: 0.022(m) ITRF00 (EPOCH:2006.6429) 1584976.001(m) 0.009(m) -4491174.562(m) 0.023(m) 4228133.609(m) 0.018(m) 41 47 19.84983 0.001(m) 289 26 18.22677 0.011(m) 70 33 41.77323 0.011(m) -18.564(m) 0.027(m) UTM COORDINATES UTM (Zone 19) Northing (Y) [meters] 4627510.094 Easting (X) [meters] 370243.374 Convergence [degrees] -1.04077607 Point Scale 0.99980719 Combined Factor 0.99953701 US NATIONAL GRID DESIGNATOR: 19TCG7024327510(NAD 83) BASE STATIONS USED PID DESIGNATION LATITUDE LONGITUDE DISTANCE(m) DH5837 CTPU PUTNAM CORS ARP N415358.888 W0715320.889 110938.2 STATE PLANE COORDINATES SPC (0406 CA 6) 691332.149 1911625.940 -0.52498135 1.00000082 0.99993336						

To convert meters to US survey feet
Multiply by 3.280833333

	AI3285 NPRI NAVAL STATION NEW CORS ARP	N413035.415 W0711939.125	70931.1
	DI0876 ACU5 ACUSHNET 5 CORS ARP	N414436.796 W0705313.027	27517.5
Grid Azimuth:			



To convert meters to US survey feet
Multiply by 3.280833333