

Town of Plymouth Data Sheet

Station:	Point 111	Long Pond Road Opp.#713		NGS PID#		ID#	
Town:	Plymouth		Quad: Sag.				
NAD83	Northerly	Easterly	NAD 27	Northerly	Easterly		
(Survey Ft)	2774850.13060	902582.33775	(Survey Ft)	314180.86777	846280.2203		
(meters)	845776.01136	275107.64676	(meters)	95762.52002	257946.72704		
						Order	
Elevation	Vert. Datum f/m	Order	Stamping:				
NAVD88	167.142/50.945		Sketch				
NAVD29	167.97/51.198		Recov. Date:	Oct 19, 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: 50372921.06o SOFTWARE: page5 0601.10 master29.pl EPHEMERIS: igu13974.eph [ultra-rapid] NAV FILE: brdc2920.06n ANT NAME: TRM33429.00+GP NONE ARP HEIGHT: 1.499616 REF FRAME: NAD_83(CORS96)(EPOCH:2002.0000) X: 1580615.460(m) 0.006(m) Y: -4487256.863(m) 0.010(m) Z: 4233944.641(m) 0.007(m) LAT: 41 51 31.40249 0.005(m) E LON: 289 24 16.47502 0.005(m) W LON: 70 35 43.52498 0.005(m) EL HGT: 22.635(m) 0.012(m) ORTHO HGT: 50.945(m) 0.028(m) [Geoid03 NAVD88] DATE: October 20, 2006 TIME: 12:45:42 UTC START: 2006/10/19 11:45:00 STOP: 2006/10/19 18:49:00 OBS USED: 12051 / 13387 : 90% # FIXED AMB: 68 / 69 : 99% OVERALL RMS: 0.016(m) ITRF00 (EPOCH:2006.7990) 1580614.742(m) 0.006(m) -4487255.420(m) 0.010(m) 4233944.570(m) 0.007(m) 41 51 31.43537 0.005(m) 289 24 16.46645 0.005(m) 70 35 43.53355 0.005(m) 21.397(m) 0.012(m) UTM COORDINATES UTM (Zone 19) Northing (Y) [meters] 4635321.038 Easting (X) [meters] 367577.048 Convergence [degrees] -1.06477442 Point Scale 0.99981579 Combined Factor 0.99969675 US NATIONAL GRID DESIGNATOR: 19TCG6757735321(NAD 83) STATE PLANE COORDINATES SPC (4202 TXNC) 2115403.776 430990.757 -0.98311920 0.99989195 0.99980484 BASE STATIONS USED						

To convert meters to US survey feet
Multiply by 3.280833333

	PID	DESIGNATION	LATITUDE	LONGITUDE	DISTANCE(m)
	DH5837	CTPU PUTNAM CORS ARP	N415358.888	W0715320.889	107482.3
	AI3285	NPRI NAVAL STATION NEW CORS ARP	N413035.415	W0711939.125	72228.3
	DI0876	ACU5 ACUSHNET 5 CORS ARP	N414436.796	W0705313.027	27397.9
Grid Azimuth:					



To convert meters to US survey feet
Multiply by 3.2808333333