

Town of Plymouth Data Sheet

Station:	Point 96	Town Cor 2 WM1		NGS PID#		ID#	
Town:	Plymouth		Quad: Sag.				
NAD83	Northerly	Easterly	NAD 27	Northerly	Easterly		
(Survey Ft)	2749116.43406	894509.43658	(Survey Ft)	288447.51535	838206.96889		
(meters)	837932.36497	272647.02156	(meters)	87918.97852	255485.99509		
						Order	
Elevation	Vert. Datum f/m	Order	Stamping:				
NAVD88	48.38573/14.748		Sketch				
NAVD29	49.23/15.004		Recov. Date:	August 14, 2006			
Marked by:	Iron Rod						
Description:	3' Iron Rod set in gas line						
Reference Marks:							
Azimuth Data:							
Geodetic:	NGS OPUS SOLUTION REPORT ===== USER: rfirth@townhall.plymouth.ma.us RINEX FILE: 5037226n.06o SOFTWARE: page5 0601.10 master22.pl EPHEMERIS: igu13881.eph [ultra-rapid] NAV FILE: brdc2260.06n ANT NAME: TRM33429.00+GP NONE ARP HEIGHT: 1.56972 REF FRAME: NAD_83(CORS96)(EPOCH:2002.0000) X: 1579939.029(m) 0.018(m) Y: -4492992.779(m) 0.085(m) Z: 4228094.645(m) 0.058(m) LAT: 41 47 18.01574 0.014(m) E LON: 289 22 26.31175 0.012(m) W LON: 70 37 33.68825 0.012(m) EL HGT: -13.721(m) 0.103(m) ORTHO HGT: 14.748(m) 0.106(m) DATE: August 14, 2006 TIME: 19:15:07 UTC START: 2006/08/14 13:44:00 STOP: 2006/08/14 18:14:30 OBS USED: 7399 / 8647 : 86% # FIXED AMB: 42 / 44 : 95% OVERALL RMS: 0.017(m) ITRF00 (EPOCH:2006.6183) 1579938.314(m) 0.018(m) -4492991.335(m) 0.085(m) 4228094.572(m) 0.058(m) 41 47 18.04852 0.014(m) 289 22 26.30328 0.012(m) 70 37 33.69672 0.012(m) -14.962(m) 0.103(m) UTM COORDINATES UTM (Zone 19) Northing (Y) [meters] 4627553.797 Easting (X) [meters] 364889.111 Convergence [degrees] -1.08371494 Point Scale 0.99982464 Combined Factor 0.99980625 US NATIONAL GRID DESIGNATOR: 19TCG6488927554(NAD 83) BASE STATIONS USED PID DESIGNATION LATITUDE LONGITUDE DISTANCE(m) DH5837 CTPU PUTNAM CORS ARP N415358.888 W0715320.889 105629.7 STATE PLANE COORDINATES SPC (1900 MD) 146285.449 445107.161 0.32675581 0.99995160 0.99995568						

To convert meters to US survey feet
Multiply by 3.280833333

	DF9215 ZBW1 BOSTON WAAS 1 CORS ARP	N424408.559 W0712849.518	126660.0
	AI3285 NPRI NAVAL STATION NEW CORS ARP	N413035.415 W0711939.125	66119.5
Grid Azimuth:			



To convert meters to US survey feet
Multiply by 3.280833333