

Town of Plymouth Data Sheet

Station:	Point 141	Holmes Field		NGS PID#		ID#	
Town:	Plymouth		Quad: Plym				
NAD83	Northerly	Easterly	NAD 27	Northerly	Easterly		
(Survey Ft)	2809014.39862	882513.12713	(Survey Ft)	348345.20076	826211.58314		
(meters)	856189.30108	268990.53913	(meters)	106175.82954	251829.79420		
						Order	
Elevation	Vert. Datum f/m	Order	Stamping:				
NAVD88	35.5905/10.848		Sketch				
NAVD29	36.42/11.099		Recov. Date:	June 02, 2008			
Marked by:	Iron Rod						
Description:	3' Iron Rod set						
Reference Marks:							
Azimuth Data:							
Geodetic:	FILE: 50371510.080 000367180 NGS OPUS SOLUTION REPORT ===== All computed coordinate accuracies are listed as peak-to-peak values. For additional information: www.ngs.noaa.gov/OPUS/Using_OPUS.html#accuracy USER: rfirth@townhall.plymouth.ma.us RINEX FILE: 5037151n.080 SOFTWARE: page5 0612.06 master28.pl EPHEMERIS: igr14815.eph [rapid] NAV FILE: brdc1510.08n ANT NAME: TRM33429.00+GP NONE ARP HEIGHT: 1.61544000 REF FRAME: NAD_83(CORS96)(EPOCH:2002.0000) X: 1572614.515(m) 0.016(m) Y: -4482621.643(m) 0.010(m) Z: 4241714.028(m) 0.010(m) LAT: 41 57 10.92200 0.002(m) E LON: 289 19 55.67501 0.015(m) W LON: 70 40 4.32499 0.015(m) EL HGT: -17.419(m) 0.017(m) ORTHO HGT: 10.848(m) 0.026(m) [NAVD88 (Computed using GEOID03)] UTM COORDINATES UTM (Zone 19) Northing (Y) [meters] 4645906.892 Easting (X) [meters] 361767.500 Convergence [degrees] -1.11518134 Point Scale 0.99983513 Combined Factor 0.00000000 US NATIONAL GRID DESIGNATOR: 19TCG6176845907(NAD 83) BASE STATIONS USED DATE: June 02, 2008 TIME: 12:06:15 UTC START: 2008/05/30 13:01:00 STOP: 2008/05/30 18:43:00 OBS USED: 12080 / 12819 : 94% # FIXED AMB: 65 / 68 : 96% OVERALL RMS: 0.013(m) ITRF00 (EPOCH:2008.4117) 1572613.780(m) 0.016(m) -4482620.201(m) 0.010(m) 4241713.955(m) 0.010(m) 41 57 10.95500 0.002(m) 289 19 55.66563 0.015(m) 70 40 4.33437 0.015(m) -18.661(m) 0.017(m) *** NOTE *** Please manually select SPC zone.						

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	101471.1
	AF9520	WES2 WESTFORD CORS ARP	N423647.975	W0712935.968	100073.8
	DI0876	ACU5 ACUSHNET 5 CORS ARP	N414436.796	W0705313.027	29536.1
		NEAREST NGS PUBLISHED CONTROL POINT			
	LW4598	PLYMOUTH FIRST CHURCH SPIRE	N415719.829	W0703953.452	372.0
	This position and the above vector components were computed without any knowledge by the National Geodetic Survey regarding the equipment or field operating procedures used.				
Grid Azimuth:					



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