

Town of Plymouth Data Sheet

Station:	Point 133	Atlantic Street 2		NGS PID#		ID#						
Town:	Plymouth		Quad: Plym									
NAD83	Northerly	Easterly	NAD 27	Northerly	Easterly							
(Survey Ft)	2817076.10044	879692.54082	(Survey Ft)	356406.86934	823391.12359							
(meters)	858646.51271	268130.82270	(meters)	108633.03104	250970.11641							
						Order						
Elevation	Vert. Datum f/m	Order	Stamping:	Stone Bound								
NAVD88	19.173/5.844		Sketch									
NAVD29	20.00/6.096		Recov. Date:	November 28,2007								
Marked by:	Stone Bound											
Description:	6"x6" Substantial Stone Bound Flush (<i>Under Bird bath 2007</i>)											
Reference Marks:												
Azimuth Data:												
Geodetic:	FILE: 50373320.070 000258835 NGS OPUS SOLUTION REPORT ===== USER: rfirth@townhall.plymouth.ma.us RINEX FILE: 50373320.070 SOFTWARE: page5 0612.06 master28.pl EPHEMERIS: igr14553.eph [rapid] NAV FILE: brdc3320.07n ANT NAME: TRM33429.00+GP NONE ARP HEIGHT: 1.35636 REF FRAME: NAD_83(CORS96)(EPOCH:2002.00000) X: 1571278.908(m) 0.010(m) Y: -4481339.107(m) 0.015(m) Z: 4243543.947(m) 0.011(m) LAT: 41 58 30.83187 0.006(m) E LON: 289 19 19.37539 0.014(m) W LON: 70 40 40.62461 0.014(m) EL HGT: -22.399(m) 0.018(m) ORTHO HGT: 5.844(m) 0.031(m) [Geoid03 NAVD88] UTM COORDINATES STATE PLANE COORDINATES UTM (Zone 19) *** NOTE *** Northing (Y) [meters] 4648387.835 Easting (X) [meters] 360980.056 Convergence [degrees] -1.12240872 Point Scale 0.99983781 Combined Factor 0.00000000 US NATIONAL GRID DESIGNATOR: 19TCG6098048388(NAD 83) BASE STATIONS USED DATE: November 30, 2007 TIME: 13:25:15 UTC START: 2007/11/28 14:24:00 STOP: 2007/11/28 19:15:00 OBS USED: 8972 / 9220 : 97% # FIXED AMB: 32 / 32 : 100% OVERALL RMS: 0.011(m) ITRF00 (EPOCH:2007.9088) 1571278.171(m) 0.010(m) -4481337.668(m) 0.015(m) 4243543.882(m) 0.011(m) 41 58 30.86502 0.006(m) 289 19 19.36587 0.014(m) 70 40 40.63413 0.014(m) -23.634(m) 0.018(m) Please manually select SPC zone. <table style="width: 100%; border: none;"> <thead> <tr> <th style="text-align: left;">PID</th> <th style="text-align: left;">DESIGNATION</th> <th style="text-align: left;">LATITUDE</th> <th style="text-align: left;">LONGITUDE</th> <th style="text-align: left;">DISTANCE(m)</th> </tr> </thead> </table>							PID	DESIGNATION	LATITUDE	LONGITUDE	DISTANCE(m)
PID	DESIGNATION	LATITUDE	LONGITUDE	DISTANCE(m)								

To convert meters to US survey feet
Multiply by 3.2808333333

	DH5837 CTPU PUTNAM CORS ARP N415358.888 W0715320.889 100794.0 AF9520 WES2 WESTFORD CORS ARP N423647.975 W0712935.968 97698.8 DI0876 ACU5 ACUSHNET 5 CORS ARP N414436.796 W0705313.027 31037.3 NEAREST NGS PUBLISHED CONTROL POINT LW4602 HOLMES 1934 N415824.300 W0704036.156 226.6 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:	



To convert meters to US survey feet
Multiply by 3.280833333