

Town of Plymouth Data Sheet

Station:	Point 129	Kristen Road		NGS PID#		ID#	
Town:	Plymouth		Quad: Plymp				
NAD83	Northerly	Easterly	NAD 27	Northerly	Easterly		
(Survey Ft)	2806074.1058	866590.56023	(Survey Ft)	345405.16312	810289.02642		
(meters)	855293.09803	264137.33103	(meters)	105279.70428	246976.58921		
						Order	
Elevation	Vert. Datum f/m	Order	Stamping:				
NAVD88	167.644/51.098		Sketch				
NAVD29	168.46/51.345		Recov. Date:	Oct 18, 2007			
Marked by:	CB/Dh						
Description:	CB/Dh @ Plympton Road						
Reference Marks:							
Azimuth Data:							
Geodetic:	FILE: 50372890.070 000234431 NGS OPUS SOLUTION REPORT ===== USER: rfirth@townhall.plymouth.ma.us RINEX FILE: 5037289m.070 SOFTWARE: page5 0612.06 master11.pl EPHEMERIS: igr14492.eph [rapid] NAV FILE: brdc2890.07n ANT NAME: TRM33429.00+GP NONE ARP HEIGHT: 1.639824 REF FRAME: NAD_83(CORS96)(EPOCH:2002.00000) X: 1568224.060(m) 0.013(m) Y: -4484793.442(m) 0.017(m) Z: 4241108.310(m) 0.017(m) LAT: 41 56 43.35594 0.006(m) E LON: 289 16 24.60038 0.014(m) W LON: 70 43 35.39962 0.014(m) EL HGT: 22.727(m) 0.022(m) ORTHO HGT: 51.098(m) 0.033(m) [Geoid03 NAVD88] UTM COORDINATES STATE PLANE COORDINATES UTM (Zone 19) *** NOTE *** Northing (Y) [meters] 4645152.943 Easting (X) [meters] 356890.820 Convergence [degrees] -1.15422562 Point Scale 0.99985201 Combined Factor 0.00000000 US NATIONAL GRID DESIGNATOR: 19TCG5689145153(NAD 83) BASE STATIONS USED PID DESIGNATION LATITUDE LONGITUDE DISTANCE(m) DH5837 CTPU PUTNAM CORS ARP N415358.888 W0715320.889 96574.4 DATE: October 18, 2007 TIME: 16:55:56 UTC START: 2007/10/16 12:24:00 STOP: 2007/10/16 18:39:00 OBS USED: 11597 / 13781 : 84% # FIXED AMB: 96 / 98 : 98% OVERALL RMS: 0.020(m) ITRF00 (EPOCH:2007.7908) 1568223.325(m) 0.013(m) -4484792.003(m) 0.017(m) 4241108.244(m) 0.017(m) 41 56 43.38903 0.006(m) 289 16 24.59088 0.014(m) 70 43 35.40912 0.014(m) 21.493(m) 0.022(m)						

To convert meters to US survey feet
Multiply by 3.280833333

	AF9520 WES2 WESTFORD CORS ARP	N423647.975 W0712935.968	97497.1
	DI0876 ACU5 ACUSHNET 5 CORS ARP	N414436.796 W0705313.027	26078.3
	NEAREST NGS PUBLISHED CONTROL POINT		
	LW4606 KINGSTON PLYMOUTH COR 1	N415715.386 W0704318.162	1066.8
	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 3.2808333333