

Town of Plymouth Data Sheet

Station:	Point 131	34 Brook Rd		NGS PID#		ID#	
Town:	Plymouth		Quad: Man				
NAD83	Northerly	Easterly	NAD 27	Northerly	Easterly		
(Survey Ft)	2798323.68259	910759.60626	(Survey Ft)	337654.14216	854457.80941		
(meters)	852930.76432	277600.08319	(meters)	102917.18837	260439.26119		
						Order	
Elevation	Vert. Datum f/m	Order	Stamping:				
NAVD88	31.207/9.512		Sketch				
NAVD29	32.04/9.767		Recov. Date:	Nov 1, 2007			
Marked by:	Iron Rod						
Description:	3' Iron Rod set.						
Reference Marks:							
Azimuth Data:							
Geodetic:	FILE: 50373050.070 000243953 NGS OPUS SOLUTION REPORT ===== USER: rfirth@townhall.plymouth.ma.us DATE: November 05, 2007 RINEX FILE: 5037305n.070 TIME: 12:58:02 UTC SOFTWARE: page5 0612.06 master10.pl START: 2007/11/01 13:25:00 EPHEMERIS: igr14514.eph [rapid] STOP: 2007/11/01 18:27:30 NAV FILE: brdc3050.07n OBS USED: 8611 / 8917 : 97% ANT NAME: TRM33429.00+GP NONE # FIXED AMB: 33 / 36 : 92% ARP HEIGHT: 1.43256 OVERALL RMS: 0.014(m) REF FRAME: NAD_83(CORS96)(EPOCH:2002.00000) ITRF00 (EPOCH:2007.8347) X: 1581446.187(m) 0.023(m) 1581445.451(m) 0.023(m) Y: -4481885.126(m) 0.004(m) -4481883.686(m) 0.004(m) Z: 4239223.011(m) 0.010(m) 4239222.945(m) 0.010(m) LAT: 41 55 22.41982 0.004(m) 41 55 22.45294 0.004(m) E LON: 289 26 7.93446 0.022(m) 289 26 7.92513 0.022(m) W LON: 70 33 52.06554 0.022(m) 70 33 52.07487 0.022(m) EL HGT: -18.626(m) 0.012(m) -19.863(m) 0.012(m) ORTHO HGT: 9.512(m) 0.028(m) [Geoid03 NAVD88] UTM COORDINATES STATE PLANE COORDINATES UTM (Zone 19) *** NOTE *** Northing (Y) [meters] 4642398.781 Please manually select Easting (X) [meters] 370276.869 SPC zone. Convergence [degrees] -1.04540974 Point Scale 0.99980707 Combined Factor 0.00000000 US NATIONAL GRID DESIGNATOR: 19TCG7027742399(NAD 83) BASE STATIONS USED PID DESIGNATION LATITUDE LONGITUDE DISTANCE(m) DH5837 CTPU PUTNAM CORS ARP N415358.888 W0715320.889 109930.6						

To convert meters to US survey feet
Multiply by 3.280833333

	AF9520 WES2 WESTFORD CORS ARP N423647.975 W0712935.968 108415.2 DI0876 ACU5 ACUSHNET 5 CORS ARP N414436.796 W0705313.027 33382.2 NEAREST NGS PUBLISHED CONTROL POINT LW1535 L 43 N415515. W0703400. 293.2 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