

Town of Plymouth Data Sheet

Station:	Point 119	Bull Rush Ln		NGS PID#		ID#	
Town:	Plymouth		Quad: Man				
NAD83	Northerly	Easterly	NAD 27	Northerly	Easterly		
(Survey Ft)	2798518.48428	911734.08862	(Survey Ft)	337848.92773	855432.29133		
(meters)	852990.13999	277897.1060	(meters)	102976.55913	260736.28387		
						Order	
Elevation	Vert. Datum f/m	Order	Stamping:				
NAVD88	48.687/14.84		Sketch				
NAVD29	49.53/15.096		Recov. Date:	Feb 1, 2007			
Marked by:	Iron Rod						
Description:	3' Iron Rod set						
Reference Marks:							
Azimuth Data:							
Geodetic:	FILE: 50370320.070 000073139 NGS OPUS SOLUTION REPORT ===== USER: rfirth@townhall.plymouth.ma.us RINEX FILE: 5037032n.070 SOFTWARE: page5 0612.06 master28.pl EPHEMERIS: igr14124.eph [rapid] NAV FILE: brdc0320.07n ANT NAME: TRM33429.00+GP NONE ARP HEIGHT: 1.52095200 REF FRAME: NAD_83(CORS96)(EPOCH:2002.00000) X: 1581715.731(m) 0.006(m) Y: -4481754.461(m) 0.011(m) Z: 4239268.322(m) 0.009(m) LAT: 41 55 24.23841 0.003(m) E LON: 289 26 20.85293 0.008(m) W LON: 70 33 39.14707 0.008(m) EL HGT: -13.293(m) 0.011(m) ORTHO HGT: 14.840(m) 0.027(m) [Geoid03 NAVD88] DATE: February 06, 2007 TIME: 19:21:16 UTC START: 2007/02/01 13:49:00 STOP: 2007/02/01 18:57:00 OBS USED: 8704 / 9502 : 92% # FIXED AMB: 60 / 63 : 95% OVERALL RMS: 0.013(m) ITRF00 (EPOCH:2007.0868) 1581715.008(m) 0.006(m) -4481753.020(m) 0.011(m) 4239268.253(m) 0.009(m) 41 55 24.27138 0.003(m) 289 26 20.84416 0.008(m) 70 33 39.15584 0.008(m) -14.529(m) 0.011(m) UTM COORDINATES UTM (Zone 19) Northing (Y) [meters] 4642449.446 Easting (X) [meters] 370575.449 Convergence [degrees] -1.04302142 Point Scale 0.99980612 Combined Factor 1.00004215 US NATIONAL GRID DESIGNATOR: 19TCG7057542449(NAD 83) PID DESIGNATION DH7113 CTNE PAQUETTE CORS ARP STATE PLANE COORDINATES SPC (1702 LA S) 208291.341 1028557.507 0.14856656 0.99994742 0.99995028 BASE STATIONS USED LATITUDE LONGITUDE DISTANCE(m) N414024.717 W0724252.252 181120.6						

To convert meters to US survey feet
Multiply by 3.280833333

	DI1075 NHUN U NEW HAMPSHIRE CORS ARP N430833.179 W0705706.863 139182.5 DI0876 ACU5 ACUSHNET 5 CORS ARP N414436.796 W0705313.027 33655.1 NEAREST NGS PUBLISHED CONTROL POINT LW1535 L 43 N415515. W0703400. 558.4 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