

Town of Plymouth Data Sheet

Station:	Point 79	Cedarville Fire Station		NGS PID#		ID#	
Town:	Plymouth		Quad: Sag				
NAD83	Northerly	Easterly	NAD 27	Northerly	Easterly		
(Survey Ft)	2762200.62282	915036.95568	(Survey Ft)	301531.19479	858734.60251		
(meters)	841920.43368	278903.82190	(meters)	91906.89199	261742.83033		
						Order	
Elevation	Vert. Datum f/m	Order	Stamping:	punch			
NAVD88	152.4767/46.475		Sketch				
NAVD29	153.32/46.733		Recov. Date:	June 16, 2006			
Marked by:	Iron Rod						
Description:	3' Iron Rod set in rounding in front of Cedarville Fire Station.						
Reference Marks:							
Azimuth Data:							
Geodetic:	<pre> NGS OPUS SOLUTION REPORT ===== USER: rfirth@townhall.plymouth.ma.us DATE: June 16, 2006 RINEX FILE: 5037167n.06o TIME: 19:10:20 UTC SOFTWARE: page5 0601.10 master28.pl START: 2006/06/16 13:01:00 EPHEMERIS: igu13795.eph [ultra-rapid] STOP: 2006/06/16 17:20:00 NAV FILE: brdc1670.06n OBS USED: 9807 / 10239 : 96% ANT NAME: TRM33429.00+GP NONE # FIXED AMB: 46 / 46 : 100% ARP HEIGHT: 1.45389891 OVERALL RMS: 0.015(m) REF FRAME: NAD_83(CORS96)(EPOCH:2002.0000) ITRF00 (EPOCH:2006.4565) X: 1585019.301(m) 0.012(m) 1585018.589(m) 0.012(m) Y: -4488456.459(m) 0.015(m) -4488455.015(m) 0.015(m) Z: 4231038.662(m) 0.021(m) 4231038.589(m) 0.021(m) LAT: 41 49 25.10369 0.004(m) 41 49 25.13648 0.004(m) E LON: 289 26 59.19281 0.011(m) 289 26 59.18456 0.011(m) W LON: 70 33 0.80719 0.011(m) 70 33 0.81544 0.011(m) EL HGT: 18.200(m) 0.027(m) 16.960(m) 0.027(m) ORTHO HGT: 46.475(m) 0.037(m) [Geoid03 NAVD88] UTM COORDINATES STATE PLANE COORDINATES UTM (Zone 19) SPC (1702 LA S) Northing (Y) [meters] 4631357.020 203612.034 Easting (X) [meters] 371258.458 1019626.308 Convergence [degrees] -1.03389318 0.10205996 Point Scale 0.99980396 0.99994286 Combined Factor 1.00000237 0.99994624 US NATIONAL GRID DESIGNATOR: 19TCG7125831357(NAD 83) BASE STATIONS USED PID DESIGNATION LATITUDE LONGITUDE DISTANCE(m) DH5837 CTPU PUTNAM CORS ARP N415358.888 W0715320.889 111488.4 </pre>						

To convert meters to US survey feet
Multiply by 3.280833333

	DF9215 ZBW1 BOSTON WAAS 1 CORS ARP N424408.559 W0712849.518 127084.8 AI3285 NPRI NAVAL STATION NEW CORS ARP N413035.415 W0711939.125 73520.9 NEAREST NGS PUBLISHED CONTROL POINT LW1526 M 3 BP USGS N414922. W0703259. 104.6 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 3.2808333333