

Town of Plymouth Data Sheet

Station:	Point 110	Route 3A		NGS PID#		ID#	
Town:	Plymouth		Quad: Sag.				
NAD83	Northerly	Easterly	NAD 27	Northerly	Easterly		
(Survey Ft)	2775072.89435	905362.11015	(Survey Ft)	314403.57909	849059.98577		
(meters)	845843.90989	275954.92308	(meters)	95830.40257	258794.00125		
						Order	
Elevation	Vert. Datum f/m	Order	Stamping:	10313			
NAVD88	142.516/43.439		Sketch				
NAVD29	143.35/43.693		Recov. Date:	Oct 18, 2006			
Marked by:	Brass Disk						
Description:	Brass Disk in Bridge deck 10313						
Reference Marks:	See 10313 data sheet of the 10,000 series points.						
Azimuth Data:							
Geodetic:	NGS OPUS SOLUTION REPORT ===== USER: rfirth@townhall.plymouth.ma.us DATE: October 18, 2006 RINEX FILE: 5037290m.060 TIME: 11:20:31 UTC SOFTWARE: page5 0601.10 master23.pl START: 2006/10/17 12:55:00 EPHEMERIS: igu13972.eph [ultra-rapid] STOP: 2006/10/17 18:46:00 NAV FILE: brdc2900.06n OBS USED: 11340 / 12917 : 88% ANT NAME: TRM33429.00+GP NONE # FIXED AMB: 74 / 92 : 80% ARP HEIGHT: 1.545336 OVERALL RMS: 0.022(m) REF FRAME: NAD_83(CORS96)(EPOCH:2002.0000) ITRF00 (EPOCH:2006.7936) X: 1581400.331(m) 0.017(m) 1581399.613(m) 0.017(m) Y: -4486932.761(m) 0.017(m) -4486931.318(m) 0.017(m) Z: 4233983.483(m) 0.017(m) 4233983.412(m) 0.017(m) LAT: 41 51 33.31024 0.005(m) 41 51 33.34312 0.005(m) E LON: 289 24 53.23952 0.011(m) 289 24 53.23096 0.011(m) W LON: 70 35 6.76048 0.011(m) 70 35 6.76904 0.011(m) EL HGT: 15.148(m) 0.028(m) 13.909(m) 0.028(m) ORTHO HGT: 43.439(m) 0.037(m) [Geoid03 NAVD88] UTM COORDINATES STATE PLANE COORDINATES UTM (Zone 19) SPC (2402 MO C) Northing (Y) [meters] 4635364.172 374976.366 Easting (X) [meters] 368425.803 356787.092 Convergence [degrees] -1.05796772 -1.04807200 Point Scale 0.99981303 1.00018579 Combined Factor 0.99969428 1.00015695 US NATIONAL GRID DESIGNATOR: 19TCG6842635364(NAD 83) BASE STATIONS USED PID DESIGNATION LATITUDE LONGITUDE DISTANCE(m) DH5837 CTPU PUTNAM CORS ARP N415358.888 W0715320.889 108326.2 AI3285 NPRI NAVAL STATION NEW CORS ARP N413035.415 W0711939.125 72978.3						

To convert meters to US survey feet
Multiply by 3.280833333

	DI0876 ACU5 ACUSHNET 5 CORS ARP	N414436.796 W0705313.027	28177.9
Grid Azimuth:			



To convert meters to US survey feet
Multiply by 3.280833333