

Town of Plymouth Data Sheet

Station:	Point 103	Town Cor. 16		NGS PID#		ID#	
Town:	Plymouth		Quad: Sag.				
NAD83	Northerly	Easterly	NAD 27	Northerly	Easterly		
(Survey Ft)	2744211.99448	900856.46961	(Survey Ft)	283542.97341	844553.90373		
(meters)	836437.4888	274581.6011	(meters)	86424.07114	257420.5447		
						Order	
Elevation	Vert. Datum f/m	Order	Stamping:				
NAVD88	29.688/9.049		Sketch				
NAVD29	30.53/9.305		Recov. Date:	August 22, 2006			
Marked by:	Stone Bound Drill Hole						
Description:	3' High Stone Bound						
Reference Marks:							
Azimuth Data:							
Geodetic:	NGS OPUS SOLUTION REPORT ===== USER: rfirth@townhall.plymouth.ma.us RINEX FILE: 5037234n.06o SOFTWARE: page5 0601.10 master31.pl EPHEMERIS: igu13892.eph [ultra-rapid] NAV FILE: brdc2340.06n ANT NAME: TRM33429.00+GP NONE ARP HEIGHT: .56388 REF FRAME: NAD_83(CORS96)(EPOCH:2002.00000) X: 1582082.830(m) 0.043(m) Y: -4493303.976(m) 0.026(m) Z: 4226961.228(m) 0.038(m) LAT: 41 46 28.91462 0.007(m) E LON: 289 23 49.41060 0.031(m) W LON: 70 36 10.58940 0.031(m) EL HGT: -19.391(m) 0.054(m) ORTHO HGT: 9.049(m) 0.060(m) [Geoid03 NAVD88] DATE: August 22, 2006 TIME: 19:06:05 UTC START: 2006/08/22 13:15:00 STOP: 2006/08/22 17:52:30 OBS USED: 8001 / 9229 : 87% # FIXED AMB: 48 / 55 : 87% OVERALL RMS: 0.020(m) ITRF00 (EPOCH:2006.6401) 1582082.115(m) 0.043(m) -4493302.532(m) 0.026(m) 4226961.155(m) 0.038(m) 41 46 28.94739 0.007(m) 289 23 49.40216 0.031(m) 70 36 10.59784 0.031(m) -20.632(m) 0.054(m) UTM COORDINATES UTM (Zone 19) 4626003.416 366778.964 -1.06804149 0.99981840 1.00000821 19TCG6677926003(NAD 83) BASE STATIONS USED PID DESIGNATION DH5837 CTPU PUTNAM CORS ARP AI3285 NPRI NAVAL STATION NEW CORS ARP STATE PLANE COORDINATES SPC (0600 CT) 225541.807 301585.818 -0.02552654 0.99998340 0.99997220 LATITUDE LONGITUDE DISTANCE(m) N415358.888 W0715320.889 107729.7 N413035.415 W0711939.125 67153.4						

To convert meters to US survey feet
Multiply by 3.280833333

	DI0876 ACU5 ACUSHNET 5 CORS ARP	N414436.796 W0705313.027	23870.9
Grid Azimuth:			



To convert meters to US survey feet
Multiply by 3.2808333333