

Town of Plymouth Data Sheet

Station:	Point 196	Commerce Way 1		NGS PID#		ID#	
Town:	Plymouth		Quad: Plym				
NAD83	Northerly	Easterly	NAD 27	Northerly	Easterly		
(Survey Ft)	2809582.489	870693.934	(Survey Ft)	348913.451	814392.438		
(meters)	856362.455	265388.042	(meters)	106349.033	248227.311		
						Order	
Elevation	Vert. Datum f/m	Order	Stamping:				
NAVD88	168.901/51.481		Sketch				
NAVD29	169.714/51.729		Recov. Date:	September 13,2011			
Marked by:	Stone Bound Drill Hole						
Description:	Stone Bound at NASR Jewelers						
Reference Marks:							
Azimuth Data:							
Geodetic:	FILE: 50372560.11o 000319444 2005 NOTE: The IGS precise and IGS rapid orbits were not available 2005 at processing time. The IGS ultra-rapid orbit was/will be used to 2005 process the data. 2005 NGS OPUS SOLUTION REPORT =====						
	All computed coordinate accuracies are listed as peak-to-peak values. For additional information: http://www.ngs.noaa.gov/OPUS/about.html#accuracy USER: rfirth@townhall.plymouth.ma.us DATE: September 14, 2011 RINEX FILE: 5037256m.11o TIME: 11:08:32 UTC SOFTWARE: page5 1108.09 master10.pl 060711 START: 2011/09/13 12:29:00 EPHEMERIS: igu16532.eph [ultra-rapid] STOP: 2011/09/13 16:47:00 NAV FILE: brdc2560.11n OBS USED: 10115 / 10198 : 99% ANT NAME: TRM33429.00+GP NONE # FIXED AMB: 41 / 42 : 98% ARP HEIGHT: 1.670304 OVERALL RMS: 0.011(m) REF FRAME: NAD_83(CORS96)(EPOCH:2002.0000) ITRF00 (EPOCH:2011.7003) X: 1569180.439(m) 0.032(m) 1569179.654(m) 0.032(m) Y: -4483710.010(m) 0.021(m) -4483708.573(m) 0.021(m) Z: 4241895.379(m) 0.030(m) 4241895.316(m) 0.030(m) LAT: 41 57 17.64344 0.011(m) 41 57 17.67693 0.011(m) E LON: 289 17 19.32774 0.035(m) 289 17 19.31618 0.035(m) W LON: 70 42 40.67226 0.035(m) 70 42 40.68382 0.035(m) EL HGT: 23.157(m) 0.032(m) 21.914(m) 0.032(m) ORTHO HGT: 51.481(m) 0.055(m) [NAVD88 (Computed using GEOD09)] UTM COORDINATES STATE PLANE COORDINATES UTM (Zone 19) SPC (2001 MA M) Northing (Y) [meters] 4646185.180 856362.455 Easting (X) [meters] 358172.076 265388.042						

To convert meters to US survey feet
Multiply by 3.2808333333

	Convergence [degrees] -1.14427067 0.52979385 Point Scale 0.99984752 0.99997370 Combined Factor 0.99984389 0.99997007 US NATIONAL GRID DESIGNATOR: 19TCG5817246185(NAD 83) BASE STATIONS USED PID DESIGNATION LATITUDE LONGITUDE DISTANCE(m) DE6262 URIL U OF RI COOP CORS ARP N412920.158 W0713139.778 85401.7 DI0876 ACU5 ACUSHNET 5 CORS ARP N414436.796 W0705313.027 27637.6 DI0964 FMTS MTS FRAM COOP CORS ARP N421800.171 W0712630.865 71548.2 NEAREST NGS PUBLISHED CONTROL POINT LW4632 NICK ROCK 2 N415735.750 W0704257.856 685.3 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:	



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