

Town of Plymouth Data Sheet

Station:	Point 209	Rte 25		NGS PID#		ID#	
Town:	Plymouth		Quad: Wareham				
NAD83	Northerly	Easterly	NAD 27	Northerly	Easterly		
(Survey Ft)	2745993.699	896015.501	(Survey Ft)	285324.771	839712.981		
(meters)	836980.553	273106.071	(meters)	86967.164	255945.029		
						Order	
Elevation	Vert. Datum f/m	Order	Stamping:				
NAVD88	34.655/10.563		Sketch				
NAVD29	35.495/10.819		Recov. Date:	July 9,2012			
Marked by:	MHB						
Description:	MHB/Dh						
Reference Marks:							
Azimuth Data:							
Geodetic:	FILE: 50371910.120 OP1341865153946 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.jsp USER: rfirth@townhall.plymouth.ma.us DATE: July 09, 2012 RINEX FILE: 5037191n.120 TIME: 20:21:48 UTC SOFTWARE: page5 1108.09 master40.pl 030912 START: 2012/07/09 13:04:00 EPHEMERIS: igu16961.eph [ultra-rapid] STOP: 2012/07/09 18:52:00 NAV FILE: brdc1910.12n OBS USED: 14136 / 14212 : 99% ANT NAME: TRM33429.00+GP NONE # FIXED AMB: 46 / 48 : 96% ARP HEIGHT: 1.164336 OVERALL RMS: 0.014(m) REF FRAME: NAD_83(CORS96)(EPOCH:2002.0000) ITRF00 (EPOCH:2012.5209) X: 1580573.248(m) 0.006(m) 1580572.451(m) 0.006(m) Y: -4493442.026(m) 0.010(m) -4493440.587(m) 0.010(m) Z: 4227378.651(m) 0.019(m) 4227378.589(m) 0.019(m) LAT: 41 46 47.01380 0.017(m) 41 46 47.04733 0.017(m) E LON: 289 22 45.76660 0.008(m) 289 22 45.75472 0.008(m) W LON: 70 37 14.23340 0.008(m) 70 37 14.24528 0.008(m) EL HGT: -17.892(m) 0.008(m) -19.142(m) 0.008(m) ORTHO HGT: 10.563(m) 0.019(m) [NAVD88 (Computed using GEOID09)] UTM COORDINATES STATE PLANE COORDINATES UTM (Zone 19) SPC (2001 MA M) Northing (Y) [meters] 4626589.167 836980.553 Easting (X) [meters] 365320.143 273106.071						

To convert meters to US survey feet
Multiply by 3.2808333333

	Convergence [degrees] -1.07993050 0.59070450 Point Scale 0.99982321 0.99999137 Combined Factor 0.99982601 0.99999418 US NATIONAL GRID DESIGNATOR: 19TCG6532026589(NAD 83) BASE STATIONS USED <table><tr><td>PID</td><td>DESIGNATION</td><td>LATITUDE</td><td>LONGITUDE</td><td>DISTANCE(m)</td></tr><tr><td>DE6262</td><td>URIL U OF RI COOP CORS ARP</td><td>N412920.157</td><td>W0713139.777</td><td>82192.8</td></tr><tr><td>DH5837</td><td>CTPU PUTNAM CORS ARP</td><td>N415358.888</td><td>W0715320.889</td><td>106198.2</td></tr><tr><td>DI0964</td><td>FMTS MTS FRAM COOP CORS ARP</td><td>N421800.171</td><td>W0712630.865</td><td>89242.2</td></tr></table> NEAREST NGS PUBLISHED CONTROL POINT LW4522 PLYMOUTH CORNER 2 1887 N414714.830 W0703737.400 1012.5 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.	PID	DESIGNATION	LATITUDE	LONGITUDE	DISTANCE(m)	DE6262	URIL U OF RI COOP CORS ARP	N412920.157	W0713139.777	82192.8	DH5837	CTPU PUTNAM CORS ARP	N415358.888	W0715320.889	106198.2	DI0964	FMTS MTS FRAM COOP CORS ARP	N421800.171	W0712630.865	89242.2
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Grid Azimuth:																					

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