

## Town of Plymouth Data Sheet

<b>Station:</b>	Point 210	<b>Rte 25</b>		<b>NGS PID#</b>		<b>ID#</b>	
<b>Town:</b>	Plymouth		<b>Quad: Sag</b>				
<b>NAD83</b>	<b>Northerly</b>	<b>Easterly</b>	<b>NAD 27</b>	<b>Northerly</b>	<b>Easterly</b>		
<b>(Survey Ft)</b>	2747137.942	900979.541	<b>(Survey Ft)</b>	286468.897	844677.018		
<b>(meters)</b>	837329.319	274619.113	<b>(meters)</b>	87315.895	257458.070		
						<b>Order</b>	
<b>Elevation</b>	<b>Vert. Datum f/m</b>	<b>Order</b>	<b>Stamping:</b>				
<b>NAVD88</b>	65.348/19.918		<b>Sketch</b>				
<b>NAVD29</b>	66.188/20.174		<b>Recov. Date:</b>	July 11, 2012			
<b>Marked by:</b>	Spike Set						
<b>Description:</b>							
<b>Reference Marks:</b>							
<b>Azimuth Data:</b>							
<b>Geodetic:</b>	<pre> FILE: 50371930.12o OPl342442605814                                 NGS OPUS SOLUTION REPORT                                 ===== All computed coordinate accuracies are listed as peak-to-peak values. For additional information: <a href="http://www.ngs.noaa.gov/OPUS/about.jsp#accuracy">http://www.ngs.noaa.gov/OPUS/about.jsp#accuracy</a> USER: rfirth@townhall.plymouth.ma.us          DATE: July 16, 2012 RINEX FILE: 5037193p.12o                      TIME: 13:10:20 UTC SOFTWARE: page5 1108.09 master43.pl 062112    START: 2012/07/11 15:07:00 EPHEMERIS: igr16963.eph [rapid]              STOP: 2012/07/11 19:15:00 NAV FILE: brdc1930.12n                       OBS USED: 10368 / 10475 : 99% ANT NAME: TRM33429.00+GP NONE                 # FIXED AMB: 39 / 43 : 91% ARP HEIGHT: 1.524                             OVERALL RMS: 0.014(m) REF FRAME: NAD_83(2011)(EPOCH:2010.0000)      IGS08 (EPOCH:2012.5265) X: 1581932.509(m) 0.048(m) 1581931.695(m) 0.048(m) Y: -4492735.860(m) 0.050(m) -4492734.415(m) 0.050(m) Z: 4227633.199(m) 0.038(m) 4227633.173(m) 0.038(m) LAT: 41 46 57.80674 0.021(m) 41 46 57.84139 0.021(m) E LON: 289 23 51.44115 0.043(m) 289 23 51.42868 0.043(m) W LON: 70 36 8.55885 0.043(m) 70 36 8.57132 0.043(m) EL HGT: -8.526(m) 0.071(m) -9.761(m) 0.071(m) ORTHO HGT: 19.918(m) 0.121(m) [NAVD88 (Computed using GEOID12)] UTM COORDINATES STATE PLANE COORDINATES UTM (Zone 19) SPC (2001 MA M) Northing (Y) [meters] 4626893.620 837329.319 Easting (X) [meters] 366842.451 274619.113 Convergence [degrees] -1.06783292 0.60295880 Point Scale 0.99981819 0.99999099 Combined Factor 0.99981953 0.99999233 US NATIONAL GRID DESIGNATOR: 19TCG6684226893(NAD 83)                                 BASE STATIONS USED </pre>						

To convert meters to US survey feet  
Multiply by 3.280833333

PID	DESIGNATION	LATITUDE	LONGITUDE	DISTANCE (m)
DE6262	URIL U OF RI COOP CORS ARP	N412920.157	W0713139.777	83720.2
DI0964	FMTS MTS FRAM COOP CORS ARP	N421800.171	W0712630.865	90184.7
DI0884	ACU6 ACUSHNET 6 CORS ARP	N414435.676	W0705311.720	24037.7
NEAREST NGS PUBLISHED CONTROL POINT				
LW4522	PLYMOUTH CORNER 2 1887	N414714.830	W0703737.400	2115.0
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.				
<b>Grid Azimuth:</b>				



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