

Town of Plymouth Data Sheet

Station:	Point 139	John Alden Rd		NGS PID#		ID#	
Town:	Plymouth		Quad: Man				
NAD83	Northerly	Easterly	NAD 27	Northerly	Easterly		
(Survey Ft)	2804302.29584	909364.61732	(Survey Ft)	343632.74428	853062.91444		
(meters)	854753.04928	277174.8897	(meters)	104739.46993	260014.09635		
						Order	
Elevation	Vert. Datum f/m	Order	Stamping:				
NAVD88	95.643/29.152		Sketch				
NAVD29	96.48/29.407		Recov. Date:	April 8, 2008			
Marked by:	PK						
Description:							
Reference Marks:							
Azimuth Data:							
Geodetic:	FILE: 50370990.080 000332326 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 ===== USER: rfirth@townhall.plymouth.ma.us RINEX FILE: 5037099m.080 SOFTWARE: page5 0612.06 master.pl EPHEMERIS: igu14742.eph [ultra-rapid] NAV FILE: brdc0990.08n ANT NAME: TRM33429.00+GP NONE ARP HEIGHT: 1.575816 REF FRAME: NAD_83(CORS96)(EPOCH:2002.0000) X: 1580662.735(m) 0.008(m) Y: -4480882.510(m) 0.017(m) Z: 4240595.244(m) 0.001(m) LAT: 41 56 21.63134 0.008(m) E LON: 289 25 50.34493 0.013(m) W LON: 70 34 9.65507 0.013(m) EL HGT: 1.032(m) 0.011(m) ORTHO HGT: 29.152(m) 0.027(m) [Geoid03 NAVD88] UTM COORDINATES STATE PLANE COORDINATES UTM (Zone 19) *** NOTE *** Northing (Y) [meters] 4644232.401 Easting (X) [meters] 369905.153 Convergence [degrees] -1.04901070 Point Scale 0.99980826 DATE: April 08, 2008 TIME: 19:06:49 UTC START: 2008/04/08 12:26:00 STOP: 2008/04/08 17:59:30 OBS USED: 12637 / 14197 : 89% # FIXED AMB: 70 / 72 : 97% OVERALL RMS: 0.016(m) ITRF00 (EPOCH:2008.2695) 1580661.992(m) 0.008(m) -4480881.071(m) 0.017(m) 4240595.180(m) 0.001(m) 41 56 21.66454 0.008(m) 289 25 50.33529 0.013(m) 70 34 9.66471 0.013(m) -0.204(m) 0.011(m) Please manually select SPC zone.						

To convert meters to US survey feet
Multiply by 3.280833333

	Combined Factor0.00000000 US NATIONAL GRID DESIGNATOR: 19TCG6990544232(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>DH5837</td><td>CTPU PUTNAM CORS ARP</td><td>N415358.888</td><td>W0715320.889</td><td>109569.7</td></tr><tr><td>AF9520</td><td>WES2 WESTFORD CORS ARP</td><td>N423647.975</td><td>W0712935.968</td><td>106835.9</td></tr><tr><td>DI0876</td><td>ACU5 ACUSHNET 5 CORS ARP</td><td>N414436.796</td><td>W0705313.027</td><td>34186.8</td></tr></table> NEAREST NGS PUBLISHED CONTROL POINT LW1536K 43N415549.W0703443.1267.5 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)	DH5837	CTPU PUTNAM CORS ARP	N415358.888	W0715320.889	109569.7	AF9520	WES2 WESTFORD CORS ARP	N423647.975	W0712935.968	106835.9	DI0876	ACU5 ACUSHNET 5 CORS ARP	N414436.796	W0705313.027	34186.8
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Grid Azimuth:																					



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