

Town of Plymouth Data Sheet

Station:	Point 130	Rte 80 Papa Ginos		NGS PID#		ID#	
Town:	Plymouth		Quad: Plympton				
NAD83	Northerly	Easterly	NAD 27	Northerly	Easterly		
(Survey Ft)	2805977.25708	871326.61959	(Survey Ft)	345308.24721	815025.06859		
(meters)	855263.57848	265580.88481	(meters)	105250.16425	248420.13775		
						Order	
Elevation	Vert. Datum f/m	Order	Stamping:				
NAVD88	129.4518/39.457		Sketch				
NAVD29	130.27/39.705		Recov. Date:	Oct 18, 2007			
Marked by:	Iron Rod						
Description:	3' Iron Rod set						
Reference Marks:							
Azimuth Data:							
Geodetic:	FILE: 50372900.070 000234434 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: 5037290m.070 SOFTWARE: page5 0612.06 master29.pl EPHEMERIS: igu14493.eph [ultra-rapid] NAV FILE: brdc2900.07n ANT NAME: TRM33429.00+GP NONE ARP HEIGHT: 1.645920 REF FRAME: NAD_83(CORS96)(EPOCH:2002.0000) X: 1569592.946(m) 0.019(m) Y: -4484335.668(m) 0.029(m) Z: 4241068.744(m) 0.027(m) LAT: 41 56 41.97012 0.002(m) E LON: 289 17 27.25859 0.012(m) W LON: 70 42 32.74141 0.012(m) EL HGT: 11.112(m) 0.042(m) ORTHO HGT: 39.457(m) 0.049(m) [Geoid03 NAVD88] UTM COORDINATES UTM (Zone 19) 4645081.279 358332.716 DATE: October 18, 2007 TIME: 17:03:12 UTC START: 2007/10/17 12:20:00 STOP: 2007/10/17 18:59:00 OBS USED: 14057 / 14766 : 95% # FIXED AMB: 46 / 52 : 88% OVERALL RMS: 0.021(m) ITRF00 (EPOCH:2007.7936) 1569592.211(m) 0.019(m) -4484334.229(m) 0.029(m) 4241068.678(m) 0.027(m) 41 56 42.00321 0.002(m) 289 17 27.24911 0.012(m) 70 42 32.75089 0.012(m) 9.877(m) 0.042(m) *** NOTE *** Please manually select SPC zone.						

To convert meters to US survey feet
Multiply by 3.2808333333

	Convergence [degrees] -1.14257731 Point Scale 0.99984696 Combined Factor 0.00000000 US NATIONAL GRID DESIGNATOR: 19TCG5833345081(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>98014.1</td></tr><tr><td>AF9520</td><td>WES2 WESTFORD CORS ARP</td><td>N423647.975</td><td>W0712935.968</td><td>98466.8</td></tr><tr><td>DI0876</td><td>ACU5 ACUSHNET 5 CORS ARP</td><td>N414436.796</td><td>W0705313.027</td><td>26810.0</td></tr></table> NEAREST NGS PUBLISHED CONTROL POINT LW4606 KINGSTON PLYMOUTH COR 1 N415715.386 W0704318.162 1469.3 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.	PID	DESIGNATION	LATITUDE	LONGITUDE	DISTANCE(m)	DH5837	CTPU PUTNAM CORS ARP	N415358.888	W0715320.889	98014.1	AF9520	WES2 WESTFORD CORS ARP	N423647.975	W0712935.968	98466.8	DI0876	ACU5 ACUSHNET 5 CORS ARP	N414436.796	W0705313.027	26810.0
PID	DESIGNATION	LATITUDE	LONGITUDE	DISTANCE(m)																	
DH5837	CTPU PUTNAM CORS ARP	N415358.888	W0715320.889	98014.1																	
AF9520	WES2 WESTFORD CORS ARP	N423647.975	W0712935.968	98466.8																	
DI0876	ACU5 ACUSHNET 5 CORS ARP	N414436.796	W0705313.027	26810.0																	
Grid Azimuth:																					

