

Town of Plymouth Data Sheet

Station:	Point 128	Commerce Way		NGS PID#		ID#	
Town:	Plymouth		Quad: Plym				
NAD83	Northerly	Easterly	NAD 27	Northerly	Easterly		
(Survey Ft)	2806715.34306	869322.58609	(Survey Ft)	346046.35441	813021.05243		
(meters)	855488.5475	264970.0542	(meters)	105475.13977	247809.31240		
						Order	
Elevation	Vert. Datum f/m	Order	Stamping:				
NAVD88	187.404/57.12		Sketch				
NAVD29	188.22/57.369		Recov. Date:	Oct 16, 2007			
Marked by:	Concrete Bound/Disc						
Description:							
Reference Marks:							
Azimuth Data:							
Geodetic:	FILE: 50372880.070 000232435 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: 5037288n.070 SOFTWARE: page5 0612.06 master30.pl EPHEMERIS: igu14491.eph [ultra-rapid] NAV FILE: brdc2880.07n ANT NAME: TRM33429.00+GP NONE ARP HEIGHT: 1.20396 REF FRAME: NAD_83(CORS96)(EPOCH:2002.0000) X: 1568971.790(m) 0.013(m) Y: -4484403.643(m) 0.013(m) Z: 4241252.063(m) 0.006(m) LAT: 41 56 49.44427 0.006(m) E LON: 289 17 0.83000 0.017(m) W LON: 70 42 59.17000 0.017(m) EL HGT: 28.768(m) 0.009(m) ORTHO HGT: 57.121(m) 0.027(m) [Geoid03 NAVD88] UTM COORDINATES UTM (Zone 19) Northing (Y) [meters] 4645323.964 Easting (X) [meters] 357728.793 Convergence [degrees] -1.14753305 Point Scale 0.99984907 DATE: October 16, 2007 TIME: 11:53:04 UTC START: 2007/10/15 13:08:00 STOP: 2007/10/15 17:19:30 OBS USED: 9235 / 9284 : 99% # FIXED AMB: 39 / 39 : 100% OVERALL RMS: 0.011(m) ITRF00 (EPOCH:2007.7880) 1568971.055(m) 0.013(m) -4484402.204(m) 0.013(m) 4241251.997(m) 0.006(m) 41 56 49.47737 0.006(m) 289 17 0.82051 0.017(m) 70 42 59.17949 0.017(m) 27.533(m) 0.009(m) STATE PLANE COORDINATES *** NOTE *** Please manually select SPC zone.						

To convert meters to US survey feet
Multiply by 3.280833333

	Combined Factor0.00000000 US NATIONAL GRID DESIGNATOR: 19TCG5772945324(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>97416.7</td></tr><tr><td>AF9520</td><td>WES2 WESTFORD CORS ARP</td><td>N423647.975</td><td>W0712935.968</td><td>97895.1</td></tr><tr><td>DI0876</td><td>ACU5 ACUSHNET 5 CORS ARP</td><td>N414436.796</td><td>W0705313.027</td><td>26674.0</td></tr></table> NEAREST NGS PUBLISHED CONTROL POINT LW4606KINGSTON PLYMOUTH COR 1N415715.386W0704318.162913.4 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	97416.7	AF9520	WES2 WESTFORD CORS ARP	N423647.975	W0712935.968	97895.1	DI0876	ACU5 ACUSHNET 5 CORS ARP	N414436.796	W0705313.027	26674.0
PID	DESIGNATION	LATITUDE	LONGITUDE	DISTANCE(m)																	
DH5837	CTPU PUTNAM CORS ARP	N415358.888	W0715320.889	97416.7																	
AF9520	WES2 WESTFORD CORS ARP	N423647.975	W0712935.968	97895.1																	
DI0876	ACU5 ACUSHNET 5 CORS ARP	N414436.796	W0705313.027	26674.0																	
Grid Azimuth:																					



To convert meters to US survey feet
Multiply by 3.280833333