

Town of Plymouth Data Sheet

Station:	Point 125	Camelot Park 2		NGS PID#		ID#	
Town:	Plymouth		Quad: Plym				
NAD83	Northerly	Easterly	NAD 27	Northerly	Easterly		
(Survey Ft)	2799740.86224	888450.90483	(Survey Ft)	339071.65524	832149.20516		
(meters)	853362.72154	270800.37739	(meters)	103349.24721	253639.58501		
						Order	
Elevation	Vert. Datum f/m	Order	Stamping:				
NAVD88	80.5904/24.564		Sketch				
NAVD29	81.42/24.816		Recov. Date:	August 23, 2007			
Marked by:	CB/Dh						
Description:	CB/Dh						
Reference Marks:							
Azimuth Data:							
Geodetic:	NGS OPUS SOLUTION REPORT ===== USER: rfirth@townhall.plymouth.ma.us RINEX FILE: 5037235m.07o SOFTWARE: page5 0612.06 master22.pl EPHEMERIS: igr14414.eph [rapid] NAV FILE: brdc2350.07n ANT NAME: TRM33429.00+GP NONE ARP HEIGHT: 1.578864 REF FRAME: NAD_83(CORS96)(EPOCH:2002.0000) X: 1574928.846(m) 0.006(m) Y: -4483834.835(m) 0.002(m) Z: 4239607.414(m) 0.002(m) LAT: 41 55 38.73118 0.002(m) E LON: 289 21 13.02753 0.007(m) W LON: 70 38 46.97247 0.007(m) EL HGT: -3.705(m) 0.001(m) ORTHO HGT: 24.564(m) 0.025(m) UTM COORDINATES Northing (Y) [meters] 4643029.061 Easting (X) [meters] 363493.753 Convergence [degrees] -1.10026292 Point Scale 0.99982929 Combined Factor 0.00000000 US NATIONAL GRID DESIGNATOR: 19TCG6349443029(NAD 83) BASE STATIONS USED PID DESIGNATION LATITUDE LONGITUDE DISTANCE(m) DH5837 CTPU PUTNAM CORS ARP N415358.888 W0715320.889 103146.9 DATE: August 27, 2007 TIME: 11:34:59 UTC START: 2007/08/23 12:47:00 STOP: 2007/08/23 16:55:00 OBS USED: 9848 / 9937 : 99% # FIXED AMB: 38 / 39 : 97% OVERALL RMS: 0.010(m) ITRF00 (EPOCH:2007.6428) 1574928.113(m) 0.006(m) -4483833.395(m) 0.002(m) 4239607.347(m) 0.002(m) 41 55 38.76425 0.002(m) 289 21 13.01823 0.007(m) 70 38 46.98177 0.007(m) -4.941(m) 0.001(m) [Geoid03 NAVD88] *** NOTE *** Please manually select SPC zone.						

To convert meters to US survey feet
Multiply by 3.280833333

	AI3285 NPRI NAVAL STATION NEW CORS ARP N413035.415 W0711939.125 73238.4 DI0876 ACU5 ACUSHNET 5 CORS ARP N414436.796 W0705313.027 28572.5 NEAREST NGS PUBLISHED CONTROL POINT LW5773 10325 N415600.129 W0703846.779 661.7
	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.
Grid Azimuth:	



To convert meters to US survey feet
Multiply by 3.280833333