

Town of Plymouth Data Sheet

Station:	Point 124	Camelot 1		NGS PID#		ID#	
Town:	Plymouth		Quad: Plym				
NAD83	Northerly	Easterly	NAD 27	Northerly	Easterly		
(Survey Ft)	2800445.71947	888392.06633	(Survey Ft)	339776.50767	832090.37718		
(meters)	853577.5624	270782.44338	(meters)	103564.08667	253621.65421		
						Order	
Elevation	Vert. Datum f/m	Order	Stamping:				
NAVD88	80.229/24.4540		Sketch				
NAVD29	81.06/24.706		Recov. Date:	August 22, 2007			
Marked by:	CB/Dh						
Description:	CB/Dh PC of Camelot						
Reference Marks:							
Azimuth Data:							
Geodetic:	NGS OPUS SOLUTION REPORT =====						
	USER: rfirth@townhall.plymouth.ma.us			DATE: August 27, 2007			
	RINEX FILE: 5037234n.07o			TIME: 11:34:42 UTC			
	SOFTWARE: page5 0612.06 master.pl			START: 2007/08/22 13:12:00			
	EPHEMERIS: igr14413.eph [rapid]			STOP: 2007/08/22 18:05:30			
	NAV FILE: brdc2340.07n			OBS USED: 11292 / 11361 : 99%			
	ANT NAME: TRM33429.00+GP NONE			# FIXED AMB: 43 / 43 : 100%			
	ARP HEIGHT: 1.594104			OVERALL RMS: 0.014(m)			
	REF FRAME: NAD_83(CORS96)(EPOCH:2002.0000)			ITRF00 (EPOCH:2007.6401)			
	X: 1574866.315(m) 0.010(m)			1574865.583(m) 0.010(m)			
	Y: -4483704.436(m) 0.006(m)			-4483702.996(m) 0.006(m)			
	Z: 4239767.309(m) 0.008(m)			4239767.242(m) 0.008(m)			
	LAT: 41 55 45.70012 0.004(m)			41 55 45.73318 0.004(m)			
	E LON: 289 21 12.34247 0.009(m)			289 21 12.33321 0.009(m)			
	W LON: 70 38 47.65753 0.009(m)			70 38 47.66679 0.009(m)			
	EL HGT: -3.812(m) 0.009(m)			-5.048(m) 0.009(m)			
	ORTHO HGT: 24.454(m) 0.027(m)			[Geoid03 NAVD88]			
	UTM COORDINATES			STATE PLANE COORDINATES			
	UTM (Zone 19)			*** NOTE ***			
	Northing (Y) [meters] 4643244.303			Please manually select			
	Easting (X) [meters] 363482.103			SPC zone.			
	Convergence [degrees] -1.10043152						
	Point Scale 0.99982933						
	Combined Factor 0.00000000						
	US NATIONAL GRID DESIGNATOR: 19TCG6348243244(NAD 83)						
	BASE STATIONS USED						
	PID	DESIGNATION		LATITUDE	LONGITUDE	DISTANCE(m)	
	DH5837	CTPU PUTNAM CORS ARP		N415358.888	W0715320.889	103136.2	
	AI3285	NPRI NAVAL STATION NEW CORS ARP		N413035.415	W0711939.125	73361.9	

To convert meters to US survey feet
Multiply by 3.280833333

	DI0876 ACU5 ACUSHNET 5 CORS ARP N414436.796 W0705313.027 28715.4 NEAREST NGS PUBLISHED CONTROL POINT LW5773 10325 N415600.129 W0703846.779 446.6 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