

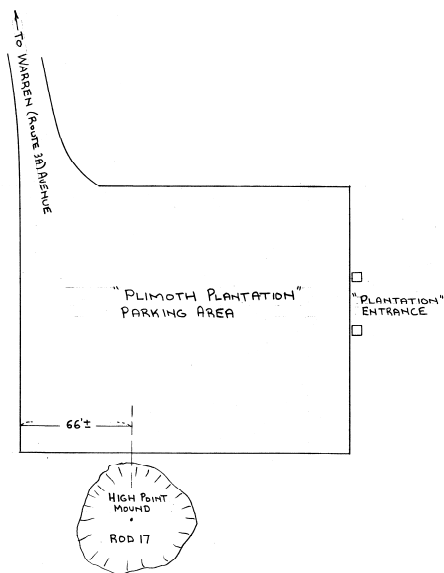
Town of Plymouth Data Sheet

Station:	Point 17	Plimoth Plantation		NGS PID#		ID#	
Town:	Plymouth		Quad: Plym				
NAD83	Northerly	Easterly	NAD 27	Northerly	Easterly		
(Survey Ft)	2803691.8604	893364.2581	(Survey Ft)	343022.549	837062.599		
(meters)	854566.98818	272297.97047	(meters)	104553.48204	255137.1907		
						Order	
Elevation	Vert. Datum f/m	Order	Stamping:	17			
NAVD88	100.33/30.581		Sketch	See Book			
NAVD29	101.16/30.833		Recov. Date:	Oct 8, 2002			
Marked by:	Iron Rod						
Description:	3' Iron Rod set top of mound rear parking lot.						
Reference Marks:							
Azimuth Data:							
Geodetic:	NGS OPUS SOLUTION REPORT ===== USER: rfirth@townhall.plymouth.ma.us RINEX FILE: 50371791.06o SOFTWARE: page5 0601.10 master23.pl EPHEMERIS: igu13813.eph [ultra-rapid] NAV FILE: brdc1790.06n ANT NAME: TRM33429.00+GP NONE ARP HEIGHT: 1.53009906 REF FRAME: NAD_83(CORS96)(EPOCH:2002.0000) X: 1576091.230(m) 0.060(m) Y: -4482588.872(m) 0.044(m) Z: 4240496.065(m) 0.090(m) LAT: 41 56 17.27118 0.052(m) E LON: 289 22 18.55899 0.071(m) W LON: 70 37 41.44101 0.071(m) EL HGT: 2.362(m) 0.076(m) ORTHO HGT: 30.581(m) 0.080(m) DATE: June 28, 2006 TIME: 17:45:54 UTC START: 2006/06/28 11:55:00 STOP: 2006/06/28 15:43:30 OBS USED: 7693 / 8704 : 88% # FIXED AMB: 30 / 40 : 75% OVERALL RMS: 0.025(m) ITRF00 (EPOCH:2006.4893) 1576090.517(m) 0.060(m) -4482587.430(m) 0.044(m) 4240495.993(m) 0.090(m) 41 56 17.30404 0.052(m) 289 22 18.55056 0.071(m) 70 37 41.44944 0.071(m) 1.126(m) 0.076(m) [Geoid03 NAVD88] UTM COORDINATES STATE PLANE COORDINATES UTM (Zone 19) SPC (3800 RI) Northing (Y) [meters] 4644188.898 Easting (X) [meters] 365025.655 Convergence [degrees] -1.08832050 45014.625 118299.056 0.14516246						

To convert meters to US survey feet
Multiply by 3.280833333

	Point Scale	0.99982418	0.99999787
	Combined Factor	1.00004947	1.00000115
	US NATIONAL GRID DESIGNATOR: 19TCG6502644189(NAD 83)		
	BASE STATIONS USED		
	PID	DESIGNATION	LATITUDE LONGITUDE DISTANCE(m)
	DH5837	CTPU PUTNAM CORS ARP	N415358.888 W0715320.889 104689.4
	DF9215	ZBW1 BOSTON WAAS 1 CORS ARP	N424408.559 W0712849.518 113055.3
	AI3285	NPRI NAVAL STATION NEW CORS ARP	N413035.415 W0711939.125 75160.0
	NEAREST NGS PUBLISHED CONTROL POINT		
	LW4624	EEL RIVER CHURCH SPIRE	N415614.970 W0703747.332 153.1
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:			

POINT # 17 (IRON ROD)
"PLIMOTH PLANTATION"



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