

Town of Plymouth Data Sheet

Station:	Point 61	Off Bourne Rd		NGS PID#		ID#	
Town:	Plymouth		Quad: Sag				
NAD83	Northerly	Easterly	NAD 27	Northerly	Easterly		
(Survey Ft)	2765098.75738	900215.95830	(Survey Ft)	304429.6048	843913.70499		
(meters)	842803.7868	274386.37286	(meters)	92790.32913	257225.4117		
						Order	
Elevation	Vert. Datum f/m	Order	Stamping:				
NAVD88	113.038/34.454		Sketch				
NAVD29	113.87/34.708		Recov. Date:	Sept 17, 2004			
Marked by:	Iron Rod						
Description:	3' Iron Rod set						
Reference Marks:							
Azimuth Data:							
Geodetic:	USER: rfirth@townhall.plymouth.ma.us DATE: September 20, 2004 RINEX FILE: 5037261n.04o TIME: 12:24:53 UTC SOFTWARE: page5 0407.16 master16.pl START: 2004/09/17 13:08:00 EPHEMERIS: lgr12885.eph [rapid] STOP: 2004/09/17 16:17:00 NAV FILE: brdc2610.04n OBS USED: 6199 / 6407 : 97% ANT NAME: TRM33429.00+GP # FIXED AMB: 29 / 29 : 100% ARP HEIGHT: 1.65811200 OVERALL RMS: 0.015(m) REF FRAME: NAD83(CORS96)(EPOCH:2002.0000) ITRF00 (EPOCH:2004.7121) X: 1580558.399(m) 0.009(m) 1580557.717(m) 0.009(m) Y: -4489360.623(m) 0.035(m) -4489359.177(m) 0.035(m) Z: 4231725.201(m) 0.006(m) 4231725.120(m) 0.006(m) LAT: 41 49 55.31749 0.026(m) 41 49 55.34991 0.026(m) E LON: 289 23 43.85182 0.010(m) 289 23 43.84476 0.010(m) W LON: 70 36 16.14818 0.010(m) 70 36 16.15524 0.010(m) EL HGT: 6.087(m) 0.025(m) 4.848(m) 0.025(m) ORTHO HGT: 34.454(m) 0.035(m) [Geoid03 NAVD88] PLANE COORDINATES North(Y) East(X) Convergence (deg) Point Scale UTM(Zone 19): 4632371.617(m) 366769.488(m) -1.07026736 0.99981843 SPC(2001 MA M): 842803.787(m) 274386.373(m) 0.60154270 0.99998513 US NATIONAL GRID DESIGNATOR: 19TCG6676932372(NAD 83) BASE STATIONS USED PID DESIGNATION LATITUDE LONGITUDE DISTANCE(m) DF9215 ZBW1 BOSTON WAAS 1 CORS ARP N424408.559 W0712849.518 123673.4 AI3285 NPRI NAVAL STATION NEW CORS ARP N413035.415 W0711939.125 70043.2 AJ8472 ACU1 ACUSHNET 1 CORS ARP N414436.796 W0705313.026 25453.7 NEAREST NGS PUBLISHED CONTROL POINT LW4476 BASSETT N415104.292 W0703523.680 2451.5 This position was computed without any knowledge by the National Geodetic						
Grid Azimuth:	Point 61 to Point 45; N74-45-08W, 1248.70						

To convert meters to US survey feet
Multiply by 3.2808333333



To convert meters to US survey feet
Multiply by 3.280833333