

Town of Plymouth Data Sheet

Station:	Point 94	Cor 3 W.M.		NGS PID#		ID#	
Town:	Plymouth		Quad: Sagamore				
NAD83	Northerly	Easterly	NAD 27	Northerly	Easterly		
(Survey Ft)	2755195.71321	897040.18397	(Survey Ft)	294526.6952	840737.79619		
(meters)	839785.33296	273418.39491	(meters)	89771.91624	256257.39279		
						Order	
Elevation	Vert. Datum f/m	Order	Stamping:				
NAVD88	86.998/26.517		Sketch				
NAVD29	87.84/26.772		Recov. Date:	August 10, 2006			
Marked by:	Iron Rod						
Description:	3' Iron Rod set						
Reference Marks:							
Azimuth Data:							
Geodetic:	NGS OPUS SOLUTION REPORT ===== USER: rfirth@townhall.plymouth.ma.us RINEX FILE: 5037222m.06o SOFTWARE: page5 0601.10 master2.pl EPHEMERIS: igu13874.eph [ultra-rapid] NAV FILE: brdc2220.06n ANT NAME: TRM33429.00+GP NONE ARP HEIGHT: 1.69164 REF FRAME: NAD_83(CORS96)(EPOCH:2002.0000) X: 1580279.593(m) 0.012(m) Y: -4491578.843(m) 0.018(m) Z: 4229477.947(m) 0.027(m) LAT: 41 48 17.81437 0.008(m) E LON: 289 23 0.54843 0.009(m) W LON: 70 36 59.45157 0.009(m) EL HGT: -1.911(m) 0.032(m) ORTHO HGT: 26.517(m) 0.040(m) UTM COORDINATES UTM (Zone 19) Northing (Y) [meters] 4629383.180 Easting (X) [meters] 365714.052 Convergence [degrees] -1.07772403 Point Scale 0.99982190 Combined Factor 1.00030869 US NATIONAL GRID DESIGNATOR: 19TCG6571429383(NAD 83) BASE STATIONS USED PID DESIGNATION LATITUDE LONGITUDE DISTANCE(m) DH5837 CTPU PUTNAM CORS ARP N415358.888 W0715320.889 106202.0 DATE: August 11, 2006 TIME: 11:46:38 UTC START: 2006/08/10 12:55:00 STOP: 2006/08/10 18:09:00 OBS USED: 8717 / 10678 : 82% # FIXED AMB: 78 / 80 : 98% OVERALL RMS: 0.022(m) ITRF00 (EPOCH:2006.6072) 1580278.878(m) 0.012(m) -4491577.399(m) 0.018(m) 4229477.874(m) 0.027(m) 41 48 17.84717 0.008(m) 289 23 0.53997 0.009(m) 70 36 59.46003 0.009(m) -3.152(m) 0.032(m) [Geoid03 NAVD88] STATE PLANE COORDINATES SPC (3200 NC) 304021.899 672275.204 0.40366353 1.00010572 1.00009397						

To convert meters to US survey feet
Multiply by 3.280833333

	DF9215 ZBW1 BOSTON WAAS 1 CORS ARP	N424408.559 W0712849.518	125570.0
	AI3285 NPRI NAVAL STATION NEW CORS ARP	N413035.415 W0711939.125	67687.9
Grid Azimuth:			



To convert meters to US survey feet
 Multiply by 3.280833333