

Town of Plymouth Data Sheet

Station:	Point 95	Cor 3 W.M.		NGS PID#		ID#	
Town:	Plymouth		Quad: Sagamore				
NAD83	Northerly	Easterly	NAD 27	Northerly	Easterly		
(Survey Ft)	2755160.87207	897176.08638	(Survey Ft)	294491.85150	840873.69752		
(meters)	839774.71336	273459.81805	(meters)	89761.2958	256298.8156		
						Order	
Elevation	Vert. Datum f/m	Order	Stamping:				
NAVD88	87.6966/26.73		Sketch				
NAVD29	88.53/26985		Recov. Date:	August 11,2006			
Marked by:	Iron Rod						
Description:	3' Iron Rod set behind House #14 Concord Street						
Reference Marks:							
Azimuth Data:							
Geodetic:	NGS OPUS SOLUTION REPORT ===== USER: rfirth@townhall.plymouth.ma.us RINEX FILE: 5037223n.06o SOFTWARE: page5 0601.10 master10.pl EPHEMERIS: igu13875.eph [ultra-rapid] NAV FILE: brdc2230.06n ANT NAME: TRM33429.00+GP NONE ARP HEIGHT: 1.652016 REF FRAME: NAD_83(CORS96)(EPOCH:2002.0000) X: 1580321.060(m) 0.010(m) Y: -4491572.230(m) 0.083(m) Z: 4229469.854(m) 0.072(m) LAT: 41 48 17.45627 0.002(m) E LON: 289 23 2.33802 0.018(m) W LON: 70 36 57.66198 0.018(m) EL HGT: -1.697(m) 0.109(m) ORTHO HGT: 26.730(m) 0.112(m) UTM COORDINATES UTM (Zone 19) Northing (Y) [meters] 4629371.359 Easting (X) [meters] 365755.141 Convergence [degrees] -1.07739042 Point Scale 0.99982177 Combined Factor 0.00000000 US NATIONAL GRID DESIGNATOR: 19TCG6575529371(NAD 83) BASE STATIONS USED PID DESIGNATION LATITUDE LONGITUDE DISTANCE(m) DH5837 CTPU PUTNAM CORS ARP N415358.888 W0715320.889 106244.3 DATE: August 11, 2006 TIME: 18:51:46 UTC START: 2006/08/11 13:07:00 STOP: 2006/08/11 17:49:00 OBS USED: 5580 / 9206 : 61% # FIXED AMB: 51 / 60 : 85% OVERALL RMS: 0.021(m) ITRF00 (EPOCH:2006.6100) 1580320.345(m) 0.010(m) -4491570.786(m) 0.083(m) 4229469.781(m) 0.072(m) 41 48 17.48906 0.002(m) 289 23 2.32956 0.018(m) 70 36 57.67044 0.018(m) -2.938(m) 0.109(m) [Geoid03 NAVD88] STATE PLANE COORDINATES SPC (0000) 0.000 0.000 0.00000000 0.00000000 0.00000000						

To convert meters to US survey feet
Multiply by 3.280833333

	DF9215 ZBW1 BOSTON WAAS 1 CORS ARP	N424408.559 W0712849.518	125602.4
	AI3285 NPRI NAVAL STATION NEW CORS ARP	N413035.415 W0711939.125	67718.8
Grid Azimuth:			



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Multiply by 3.280833333