

Town of Plymouth Data Sheet

Station:	Point 81	Town Cor 9 W.M.		NGS PID#		ID#	
Town:	Plymouth		Quad: Plym				
NAD83	Northerly	Easterly	NAD 27	Northerly	Easterly		
(Survey Ft)	2808871.43133	868307.81328	(Survey Ft)	348202.43459	812006.31413		
(meters)	856145.72456	264660.75081	(meters)	106132.31433	247500.01955		
						Order	
Elevation	Vert. Datum f/m	Order	Stamping:	NA			
NAVD88	171.96/52.413		Sketch				
NAVD29	172.772/52.661		Recov. Date:	Aug. 3, 2006			
Marked by:	Iron Rod						
Description:	3' Iron Rod set in island.						
Reference Marks:							
Azimuth Data:							
Geodetic:	FILE: 50372080.06o 000522492 NGS OPUS SOLUTION REPORT ===== USER: rfirth@townhall.plymouth.ma.us DATE: July 31, 2006 RINEX FILE: 5037208n.06o TIME: 11:15:05 UTC SOFTWARE: page5 0601.10 master.pl START: 2006/07/27 13:08:00 EPHEMERIS: igr13854.eph [rapid] STOP: 2006/07/27 17:32:00 NAV FILE: brdc2080.06n OBS USED: 8885 / 8998 : 99% ANT NAME: TRM33429.00+GP NONE # FIXED AMB: 38 / 39 : 97% ARP HEIGHT: 1.53924 OVERALL RMS: 0.015(m) REF FRAME: NAD_83(CORS96)(EPOCH:2002.0000) ITRF00 (EPOCH:2006.5689) X: 1568538.741(m) 0.006(m) 1568538.027(m) 0.006(m) Y: -4484084.210(m) 0.007(m) -4484082.769(m) 0.007(m) Z: 4241739.949(m) 0.017(m) 4241739.877(m) 0.017(m) LAT: 41 57 10.83578 0.011(m) 41 57 10.86862 0.011(m) E LON: 289 16 47.66249 0.008(m) 289 16 47.65389 0.008(m) W LON: 70 43 12.33751 0.008(m) 70 43 12.34611 0.008(m) EL HGT: 24.314(m) 0.014(m) 23.079(m) 0.014(m) ORTHO HGT: 52.661(m) 0.029(m) [Geoid03 NAVD88] UTM COORDINATES STATE PLANE COORDINATES UTM (Zone 19) SPC (2800 NH) Northing (Y) [meters] 4645989.813 212350.008 Easting (X) [meters] 357438.855 337354.561 Convergence [degrees] -1.15011187 0.32820119 Point Scale 0.99985009 0.99998382 Combined Factor 0.99994110 0.99994837 US NATIONAL GRID DESIGNATOR: 19TCG5743945990(NAD 83) BASE STATIONS USED						

To convert meters to US survey feet
Multiply by 3.2808333333

	PID DESIGNATION LATITUDE LONGITUDE DISTANCE(m) DH5837 CTPU PUTNAM CORS ARP N415358.888 W0715320.889 97147.3 DF9215 ZBW1 BOSTON WAAS 1 CORS ARP N424408.559 W0712849.518 107163.3 AI3285 NPRI NAVAL STATION NEW CORS ARP N413035.415 W0711939.125 70546.7 NEAREST NGS PUBLISHED CONTROL POINT LW4606 KINGSTON PLYMOUTH COR 1 N415715.386 W0704318.162 194.3
Grid Azimuth:	



To convert meters to US survey feet
 Multiply by 3.2808333333