

Town of Plymouth Data Sheet

Station:	Point 87	Alpine Run		NGS PID#		ID#	
Town:	Kingston		Quad: Plympton				
NAD83	Northerly	Easterly	NAD 27	Northerly	Easterly		
(Survey Ft)	2802651.8733	859826.2274	(Survey Ft)	341983.0678	803524.6596		
(meters)	854249.9995	262075.5582	(meters)	104236.6475	244914.8061		
						Order	
Elevation	Vert. Datum f/m	Order	Stamping:				
NAVD88	146.000/44.501		Sketch				
NAVD29	146.81/44.748		Recov. Date:	Aug 4,2006			
Marked by:							
Description:	CB/Dh						
Reference Marks:							
Azimuth Data:							
Geodetic:	FILE: 50372160.060 000527708 NGS OPUS SOLUTION REPORT ===== USER: rfirth@townhall.plymouth.ma.us RINEX FILE: 5037216n.060 SOFTWARE: page5 0601.10 master22.pl EPHEMERIS: igr13865.eph [rapid] NAV FILE: brdc2160.06n ANT NAME: TRM33429.00+GP NONE ARP HEIGHT: 1.72212 REF FRAME: NAD_83(CORS96)(EPOCH:2002.0000) X: 1566493.215(m) 0.027(m) Y: -4486118.482(m) 0.017(m) Z: 4240341.660(m) 0.012(m) LAT: 41 56 10.14440 0.011(m) E LON: 289 14 54.69326 0.020(m) W LON: 70 45 5.30674 0.020(m) EL HGT: 16.073(m) 0.027(m) ORTHO HGT: 44.501(m) 0.037(m) [Geoid03 NAVD88] UTM COORDINATES STATE PLANE COORDINATES UTM (Zone 19) SPC (0301 AR N) Northing (Y) [meters] 4644170.624 110705.847 Easting (X) [meters] 354799.710 309139.313 Convergence [degrees] -1.17071778 -0.58153885 Point Scale 0.99985943 0.99994595 Combined Factor 0.99958428 0.99993023 US NATIONAL GRID DESIGNATOR: 19TCG5480044171(NAD 83) DATE: August 08, 2006 TIME: 12:31:45 UTC START: 2006/08/04 13:07:00 STOP: 2006/08/04 17:57:00 OBS USED: 8003 / 8999 : 89% # FIXED AMB: 41 / 43 : 95% OVERALL RMS: 0.021(m) ITRF00 (EPOCH:2006.5908) 1566492.501(m) 0.027(m) -4486117.041(m) 0.017(m) 4240341.588(m) 0.012(m) 41 56 10.17723 0.011(m) 289 14 54.68462 0.020(m) 70 45 5.31538 0.020(m) 14.837(m) 0.027(m)						
Grid Azimuth:							

To convert meters to US survey feet
Multiply by 3.280833333



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Multiply by 3.280833333