

Ephemeris Data Set Used in Pseudo-Range Navigation Example (GPS Time = 150000 seconds)

Ephemeris Data Parameter	Value	Value	Value	Value
SV	15	27	31	7
Issue of Data Ephemeris	196	200	125	125
Cosine Correction to Inclination	-9.313225746E-08	1.136213541E-07	2.793967724E-08	-1.285225153E-07
Sine Correction to Inclination	-3.725290298E-09	-1.061707735E-07	9.126961231E-08	-1.322478056E-07
Cosine Correction to Radius	146.09375	148.84375	306.28125	322
Sine Correction to Radius	-69.9375	79.09375	-130.71875	-128.5
Cosine Correction to Latitude	-3.630295396E-06	4.122033715E-06	-6.921589375E-06	-6.720423698E-06
Sine Correction to Latitude	1.228414476E-05	1.15185976E-05	3.74391675E-06	2.983957529E-06
Mean Motion Difference	4.023024718E-09	4.513045129E-09	4.656622538E-09	4.650550857E-09
Eccentricity	0.006778693292	0.01127019501	0.005836840719	0.006999379606
Rate of Inclination Angle	1.817932867E-10	-5.928818388E-11	-5.418082828E-10	-4.207318109E-10
Orbital Inclination	0.9721164968	0.9459886628	0.9633626261	0.963950905
Mean Anomaly at Reference Time	-0.8856059028	0.1225249	-0.6775731485	3.019737078
Argument of Perigee	1.738558535	2.601538834	0.6715504011	-2.568758665
Rate of Right Ascension	-7.783538501E-09	-8.143553497E-09	-8.411421798E-09	-8.25355808E-09
Longitude of Ascending Node	-2.8654714	0.2200327977	2.320031302	2.317137898
Square Root of Semi-Major Axis	5153.618444	5153.653282	5153.789852	5153.644896
Reference Time Ephemeris	151200	151200	136800	151200