

Sheet1

Step	ElapTime(days)	Theta(deg)	Theta(mod360)(deg)	r(AU)
0		0	180	180 0.46668776
1	3.9986363636	191.0170763453		191 0.4644723065
2	7.9972727273	202.1529694481		202 0.4579386723
3	11.9959090909	213.6473834545		213 0.4472929351
4	15.9945454545	225.7533332016		225 0.4328292004
5	19.9931818182	238.7494356954		238 0.4150014378
6	23.9918181818	252.9487595398		252 0.3945214425
7	27.9904545455	268.6986264579		268 0.3724760122
8	31.9890909091	286.3586464396		286 0.350443607
9	35.9877272727	306.2335802242		306 0.3305646429
10	39.9863636364	328.43103847		328 0.3154740899
11	43.985	352.6416557649		352 0.3079447345
12	47.9836363636	377.9508006731		17 0.3100864245
13	51.9822727273	402.9406005017		42 0.322236433
14	55.9809090909	426.219611367		66 0.3423540579
15	59.9795454545	446.9986750014		86 0.3667882732
16	63.9781818182	465.1985485709		105 0.39185834
17	67.9768181818	481.1649461969		121 0.414879402
18	71.9754545455	495.3729484829		135 0.434282938
19	75.9740909091	508.276287347		148 0.4493136411
20	79.9727272727	520.2634418773		160 0.4596985839
21	83.9713636364	531.6600686331		171 0.465413946
22	87.97	542.745293859		182 0.46654918

Sheet1

w(deg/day)	v(m/s)	vr
2.7552083619	38857.6092839057	18.1343706357
2.7849226812	39090.2263999951	18.1563276177
2.8745834732	39781.1619084817	18.2173324655
3.0275195457	40923.6359780695	18.3048532509
3.2501336235	42512.1419856869	18.4004964221
3.5510415434	44534.9093981019	18.4820514329
3.9388095055	46960.2941197207	18.5268429744
4.416510624	49713.3245277115	18.517020872
4.9704279102	52638.940543904	18.4469801952
5.5512570354	55455.2867016848	18.3315570448
6.0547184323	57723.5279405647	18.210277444
6.3294439921	58902.4775514876	18.1387078111
6.2495804959	58563.7446371151	18.1598221806
5.8217373995	56692.0905363364	18.268257035
5.1965374555	53763.1567202389	18.4060348712
4.5515200469	50450.6911997208	18.5047219063
3.9929606431	47284.5589571306	18.5288487791
3.5532118937	44549.0245594847	18.4824726676
3.2269348074	42350.4644503156	18.3920841288
2.9978106135	40705.1177548699	18.2893646716
2.8501283236	39594.3117875873	18.2014490612
2.7722513922	38991.2556825867	18.147074166
2.7570570529	38872.1357131782	18.1357630409