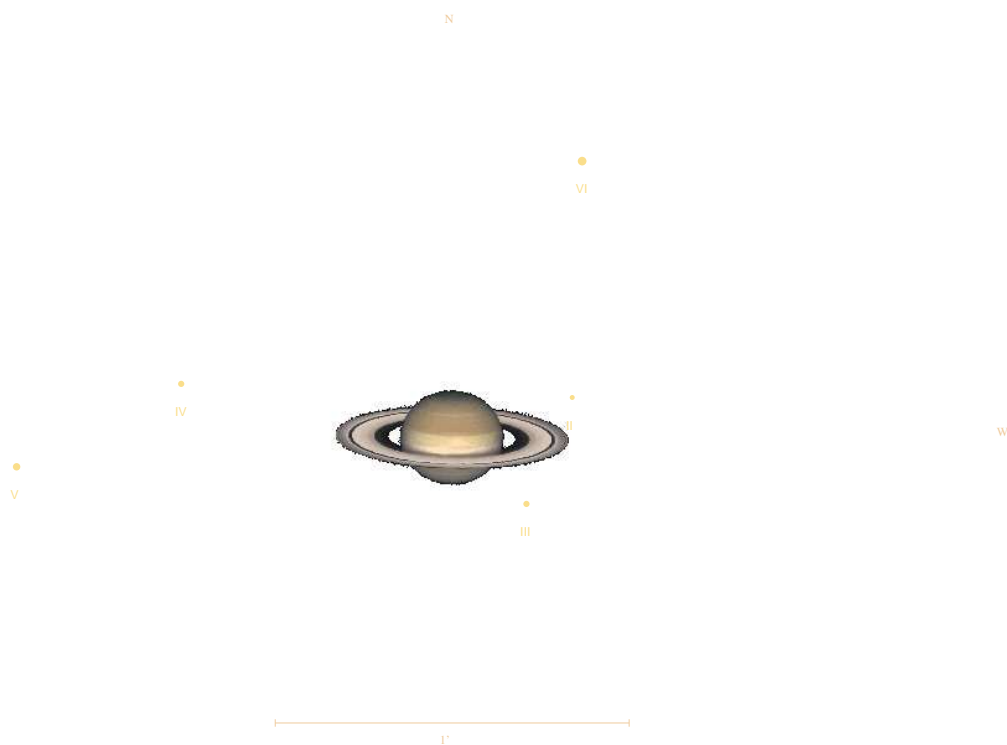


Saturn



XEphem Saturn View at 3:16:34 2/07/2012 EST, JD 2455964.84484
 Ring tilt, degrees, front +S: From Earth = 15.127, From Sun = 13.074
 From Moore Observatory at Latitude 38:20:40 N Longitude 85:31:44 W
 Topocentric Astrometric 2000.00 Moon Positions, XYZ in Saturn radii

Tag	Name	E	S	P	T	X +E	Y +S	Z +front	RA	Dec	Mag
	Saturn								13:52:47.27	-8:49:09.7	0.6
I	Mimas	0	0	0	0	0.016	-0.830	-3.049	13:52:47.28	-8:49:02.3	13.0
II	Enceladus	1	1	0	0	-2.292	-0.800	-3.163	13:52:45.92	-8:49:02.6	11.8
III	Tethys	1	1	0	0	-1.401	1.239	4.543	13:52:46.45	-8:49:20.7	10.3
IV	Dione	1	1	0	0	5.207	-1.046	-3.375	13:52:50.35	-8:49:00.4	10.2
V	Rhea	1	1	0	0	8.355	0.543	2.631	13:52:52.21	-8:49:14.5	9.8
VI	Titan	1	1	0	0	-2.466	-5.323	-19.938	13:52:45.82	-8:48:22.5	8.4
VII	Hyperion	1	1	0	0	23.003	3.220	12.728	13:53:00.86	-8:49:38.2	14.3
VIII	Iapetus	1	1	0	0	-57.908	-14.734	1.486	13:52:13.07	-8:46:59.2	11.2