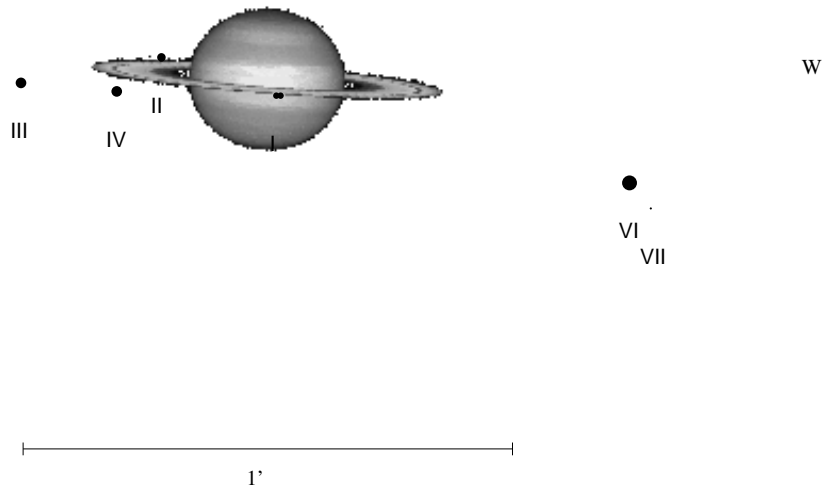


Saturn

N



XEphem Saturn View at 0:31:09 3/31/2010 EDT, JD 2455286.68830
 Ring tilt, degrees, front +S: From Earth = 2.819, From Sun = 3.528
 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								12:05:37.40	2:11:31.0	0.6
I	Mimas	1	1	1	1	-0.149	0.192	3.050	12:05:37.30	2:11:29.1	13.0
II	Enceladus	1	1	0	0	1.346	-0.280	-3.718	12:05:38.27	2:11:33.7	11.8
III	Tethys	1	1	0	0	3.111	0.037	3.801	12:05:39.41	2:11:30.6	10.3
IV	Dione	1	1	0	0	1.904	0.160	5.979	12:05:38.63	2:11:29.4	10.2
V	Rhea	1	1	0	0	8.764	-0.547	0.393	12:05:43.08	2:11:36.3	9.8
VI	Titan	1	1	0	0	-4.544	1.294	19.289	12:05:34.45	2:11:18.4	8.4
VII	Hyperion	1	1	0	0	-4.809	1.628	25.913	12:05:34.28	2:11:15.1	14.3
VIII	Iapetus	1	1	0	0	58.233	11.312	3.755	12:06:15.14	2:09:41.0	11.2