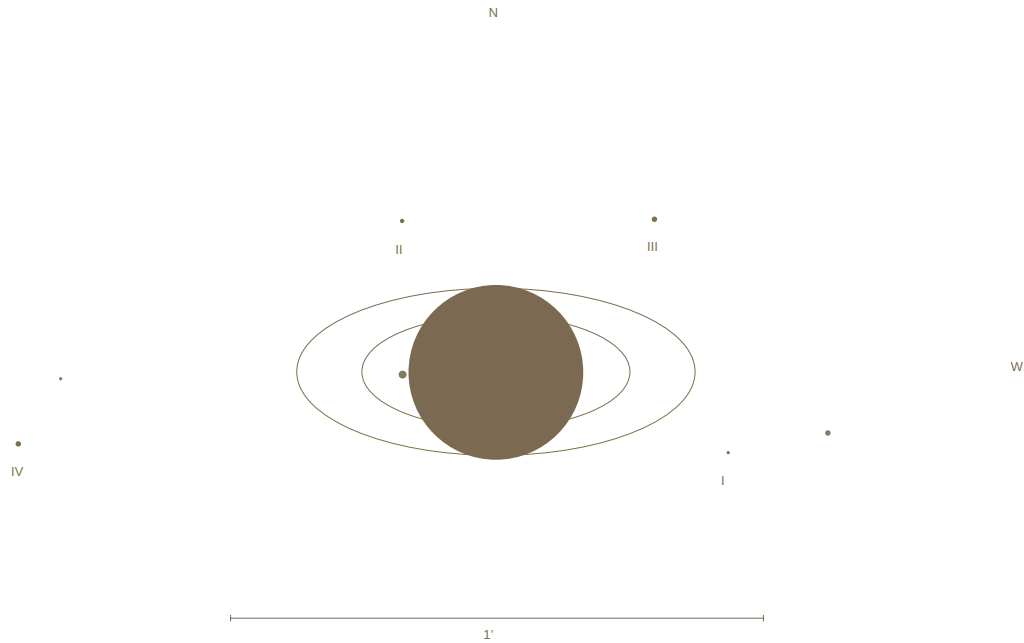


Saturn and Mag 8 Star III



XEphem Saturn View at 3:39:01 11/15/2003 MST, JD 2452958.94376
 Ring tilt, degrees, front +S: From Earth = -24.884, From Sun = -25.830
 From Salt Lake City, Utah at Latitude 40:45:23 N Longitude 111:53:26 W
 Topocentric Astrometric 2000.00 Moon Positions, XYZ in Saturn radii

Tag	Name	E	S	X +E	Y +S	Z +front	RA	Dec	Mag
	Saturn	1	1	0.000	0.000	0.000	6:55:20.25	22:06:08.0	-0.1
I	Mimas	1	1	-2.622	0.898	-1.491	6:55:18.52	22:05:59.1	13.0
II	Enceladus	1	1	1.084	-1.723	3.426	6:55:20.97	22:06:25.0	11.8
III	Tethys	1	1	-1.786	-1.751	4.228	6:55:19.08	22:06:25.3	10.3
IV	Dione	1	1	5.447	0.801	-3.021	6:55:23.85	22:06:00.0	10.2
V	Rhea	1	1	8.334	0.308	-2.782	6:55:25.75	22:06:04.9	9.8
VI	Titan	1	1	-19.616	3.000	-1.771	6:55:07.31	22:05:38.3	8.4
VII	Hyperion	1	1	23.356	-4.830	4.965	6:55:35.66	22:06:55.7	14.3
VIII	Iapetus	1	1	47.884	-0.913	-37.225	6:55:51.85	22:06:17.0	11.2

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