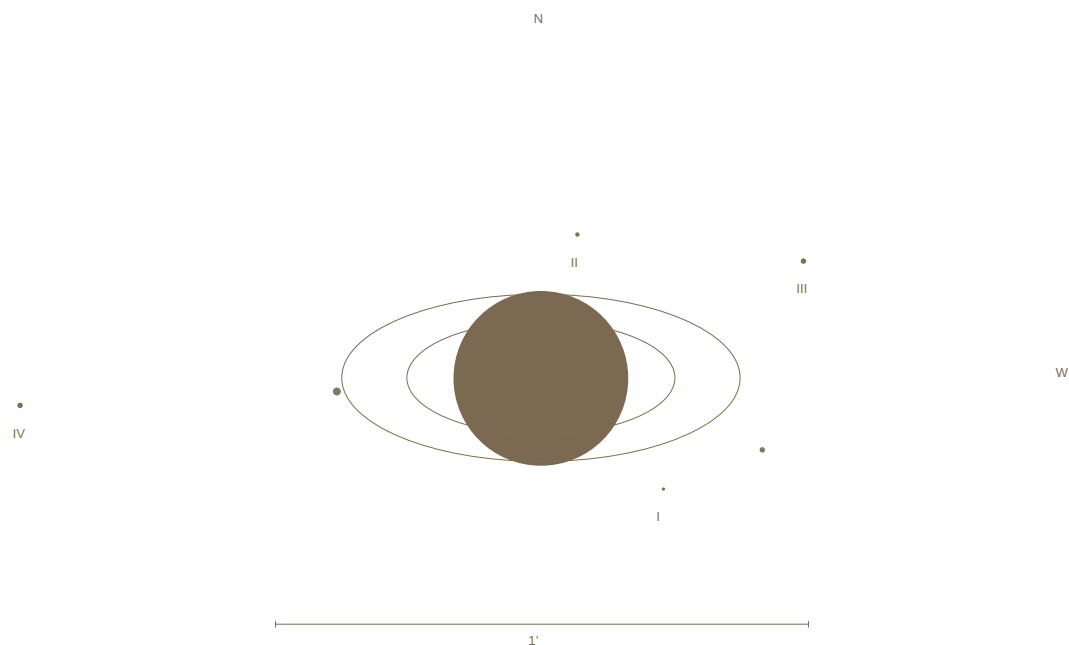


Saturn and Mag 8 Star IV



XEphem Saturn View at 5:39:01 11/15/2003 MST, JD 2452959.02710
 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	6:55:19.42	22:06:09.2	-0.1
I	Mimas	1	1	-1.378	1.249	-2.538	6:55:18.52	22:05:56.8	13.0
II	Enceladus	1	1	-0.406	-1.640	3.604	6:55:19.16	22:06:25.4	11.8
III	Tethys	1	1	-2.960	-1.338	3.684	6:55:17.47	22:06:22.4	10.3
IV	Dione	1	1	5.933	0.291	-2.046	6:55:23.34	22:06:06.3	10.2
V	Rhea	1	1	8.582	-0.131	-1.900	6:55:25.09	22:06:10.5	9.8
VI	Titan	1	1	-19.521	3.273	-2.390	6:55:06.54	22:05:36.8	8.4
VII	Hyperion	1	1	23.114	-5.037	5.495	6:55:34.68	22:06:59.0	14.3
VIII	Iapetus	1	1	48.118	-0.997	-36.930	6:55:51.17	22:06:19.0	11.2

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