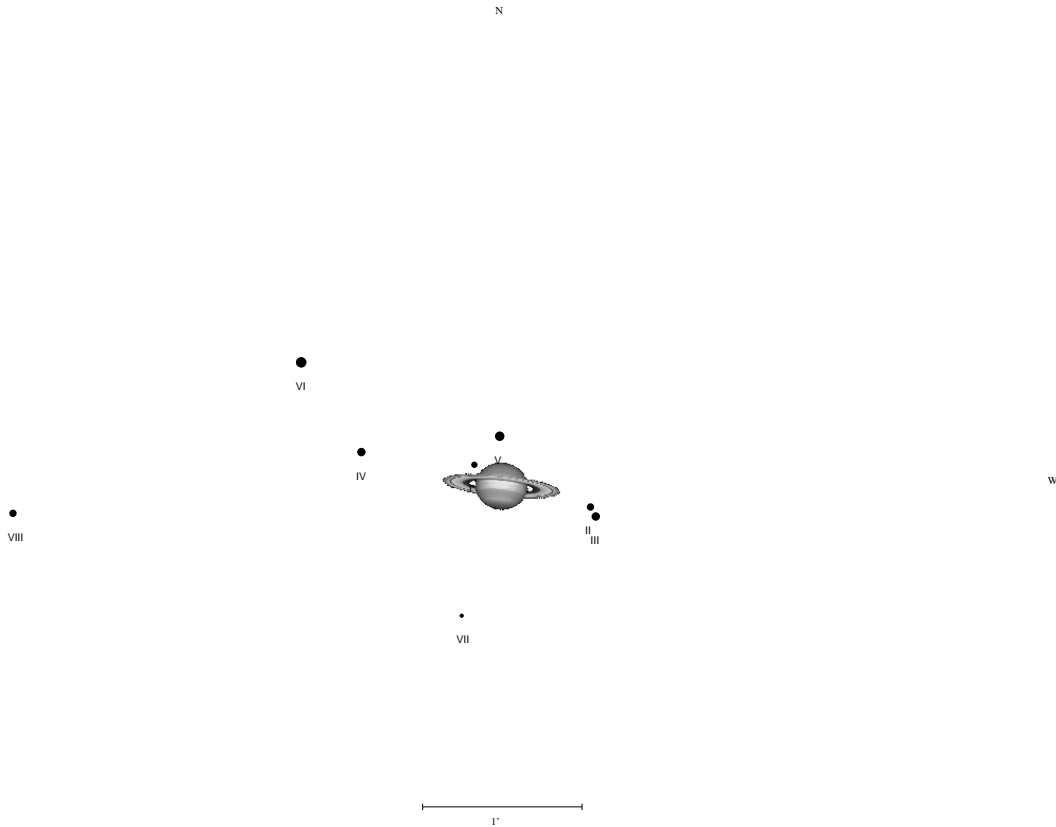


Saturn



XEphem Saturn View at 1:14:42 1/03/2007 EST, JD 2454103.76021
 Ring tilt, degrees, front +S: From Earth = -12.673, From Sun = -14.345
 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 |
|------|-----------|---|---|---|---|--------|--------|----------|------------|------------|------|
| I | Mimas | 1 | 1 | 0 | 0 | 1.031 | -0.789 | 2.732 | 9:47:53.03 | 14:34:49.0 | 0.2 |
| II | Enceladus | 1 | 1 | 0 | 0 | -3.379 | 0.804 | -1.878 | 9:47:50.82 | 14:34:41.1 | 11.8 |
| III | Tethys | 1 | 1 | 0 | 0 | -3.583 | 1.167 | -3.151 | 9:47:50.69 | 14:34:37.5 | 10.3 |
| IV | Dione | 1 | 1 | 0 | 0 | 5.370 | -1.282 | 3.002 | 9:47:56.55 | 14:35:01.6 | 10.2 |
| V | Rhea | 1 | 1 | 0 | 0 | 0.089 | -1.890 | 8.576 | 9:47:53.09 | 14:35:07.5 | 9.8 |
| VI | Titan | 1 | 1 | 0 | 0 | 7.638 | -4.723 | 17.698 | 9:47:58.04 | 14:35:35.4 | 8.4 |
| VII | Hyperion | 1 | 1 | 0 | 0 | 1.522 | 4.937 | -24.128 | 9:47:54.03 | 14:34:00.4 | 14.3 |
| VIII | Iapetus | 1 | 1 | 0 | 0 | 18.622 | 1.054 | 55.428 | 9:48:05.24 | 14:34:38.6 | 11.2 |