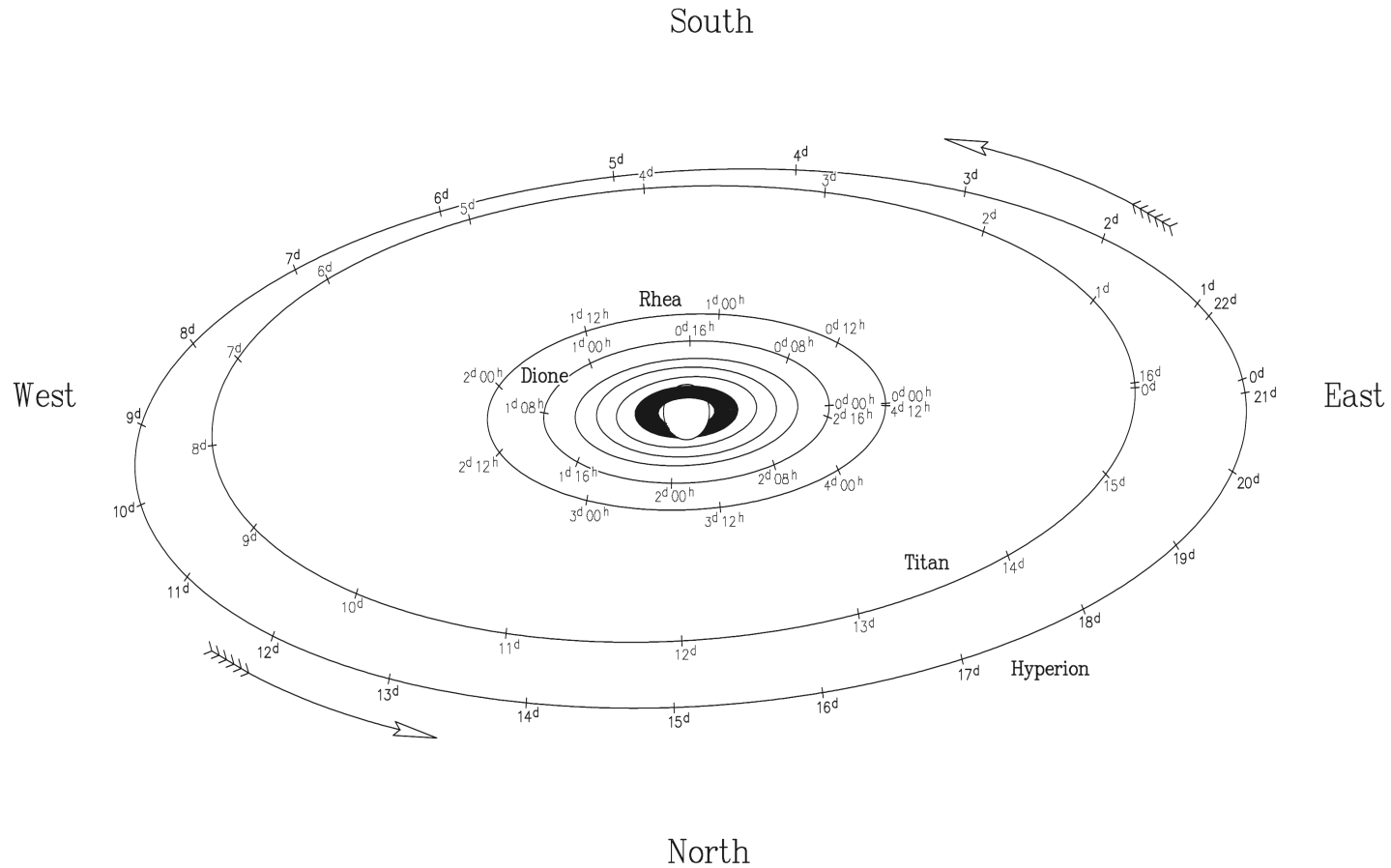


APPARENT ORBITS OF SATELLITES I-VII AT 0<sup>h</sup> UNIVERSAL TIME ON THE DATE OF OPPOSITION, MAY 23



Orbits elongated in ratio of 1.2 to 1 in the North-South direction.

NAME	MEAN SIDEREAL PERIOD	NAME	MEAN SIDEREAL PERIOD
	d		d
I Mimas.....	0.942 4	VI Titan.....	15.945 4
II Enceladus.....	1.370 2	VII Hyperion.....	21.276 7
III Tethys.....	1.887 8	VIII Iapetus.....	79.331 1
IV Dione.....	2.736 9	IX Phoebe.....	546.414 R
V Rhea.....	4.517 5		