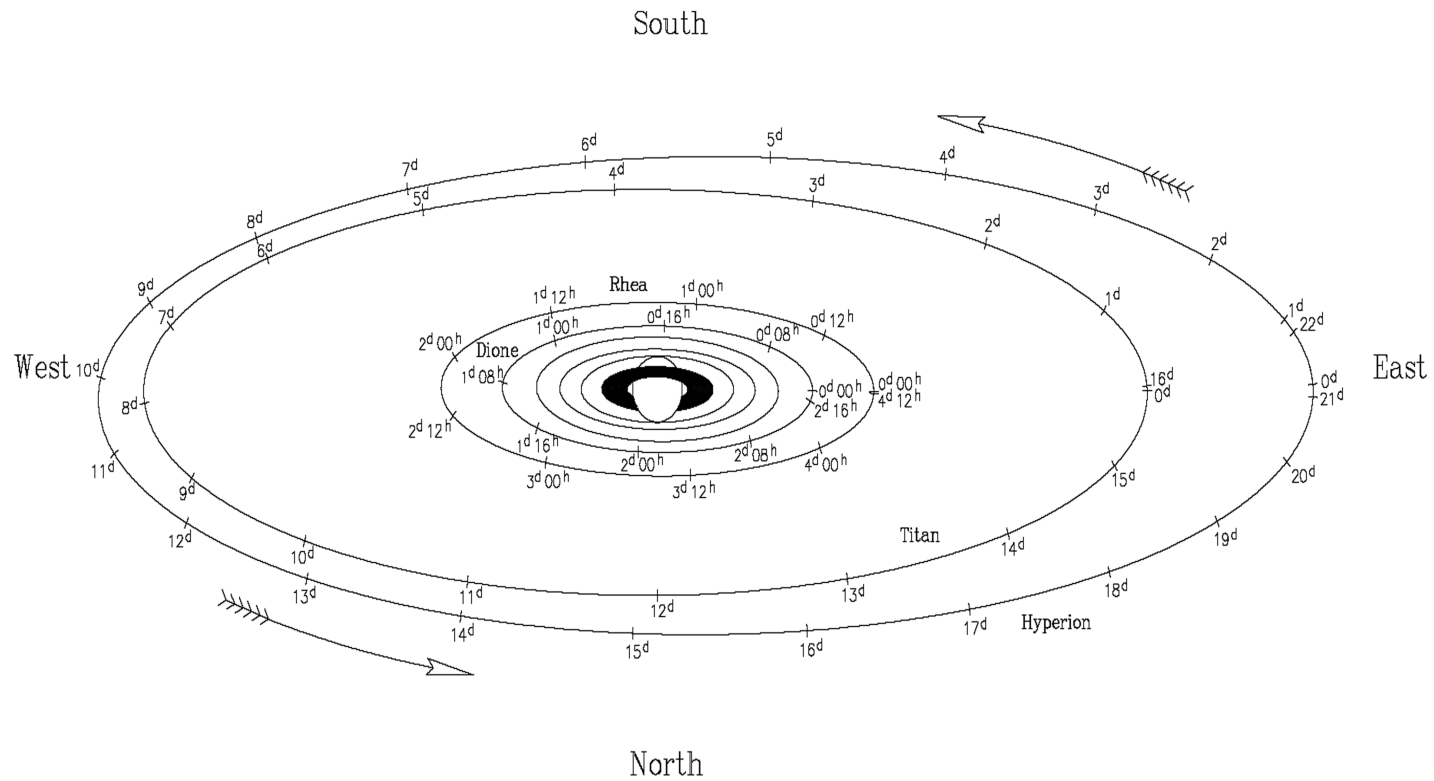


APPARENT ORBITS OF SATELLITES I-VII AT 0^h UNIVERSAL TIME ON THE DATE OF OPPOSITION, APRIL 28



Orbits elongated in ratio of 1.3 to 1 in the North-South direction.

NAME	MEAN SIDEREAL PERIOD	NAME	MEAN SIDEREAL PERIOD
	d		d
I Mimas.....	0.9424	VI Titan.....	15.9454
II Enceladus.....	1.3702	VII Hyperion.....	21.2767
III Tethys.....	1.8878	VIII Iapetus.....	79.3311
IV Dione.....	2.7369	IX Phoebe.....	546.414 R
V Rhea.....	4.5175		