

# NOVA-SCOTIA (7) ALMANACK.

## Table of the Solar System.

Sun and Planets.	Diameter in Miles.	Distance from the Sun in Miles.	Rotation on its axis.	Annual Period round the Sun.	Inclination of the orbit of the ecliptic.	Inclination of the axis to the orbits.
SUN	813,246	—	25d 14h 8'	83d 23h 16'	7° 0' 0"	82° 44' 0"
Mercury	3,224	37,000,000	Unknown.	224 16 49	3 23 35	Unknown.
Venus	7,867	68,000,000	0 23 21	224 16 49	3 23 35	Unknown.
Earth	—	95,000,000	1	365 6 9	5 9 8	66° 32' 0"
Moon	2,180	—	29 17 44 3	—	—	Unknown.
Mars	4,189	144,000,000	0 24 39 22	686 23 30½	1 51 0	58 17 0
Ceres Ferdinandea	160	260,000,000	Unknown.	Unknown.	10 37 56	59 22 0
Pallas	80	266,000,000	Unknown.	1703 16 48	34 50 40	Unknown.
Juno	—	300,000,000	Unknown.	2012 0 0	21 0 0	Unknown.
Jupiter	89,170	490,000,000	0 9 55 37	4332 14 27	1 18 56	Unknown.
Saturn	79,042	900,000,000	0 10 16 2	10759 1 51	2 29 50	90° 0' 0"
Georgium Sidus	85,112	1,800,000,000	Unknown.	30737 18 0	0 46 20	60 9 0

If we examine the heavens in a clear night, we shall discover some stars which have brighter and steadier light than the rest ; and if we continue to observe these for several nights, we shall find that they do not appear in the same place among the rest of the stars every night, but that they have motions peculiar to themselves. All the rest of the stars, rising and setting exactly in the same place, are called fixed stars.

It is now fully proved, that these planets, with the earth which we inhabit, and also the moon, revolve round the sun, which is fixed in the centre of the system. Those wandering or moving stars are called planets.

move round the sun, and respect him only as the centre of their motions. The secondary planets, called also satellites or moons, are smaller planets, revolving round the primary ; while they, with the primary planets about which they move, are carried round the sun. The planets move round the sun at various distances, some being much nearer to him than our earth, and others being much farther off.

CK.

NS.

enters 2  
enters 3  
enters 4  
enters 5

March 26.  
April 2.  
April 30.  
May 4.  
May 14.  
May 21.  
December 3rd.

ANCIENT

Gemini  
II  
Arms.

Leo  
Heart.

Libra  
Reins.

Sagittarius  
Thighs.

Aquaris  
Legs.