

curity produced by the interposed body of our Satellite will be the more remarkable. In all the Northern Bays—Conception, Trinity, Bonavista, &c.—the effect will be very imposing. At our fishing stations on the coast of Labrador the Moon will overlap nearly the entire face of the Sun, leaving those places, if the sky be overcast, in almost total darkness. Should, however, the weather be clear and the sky free from clouds, the small portion of the Sun's lower limb that remains uncovered, will yield a dim twilight. On the other side of the Atlantic, the Eclipse will be total in Spain and parts of Africa, though not in Great Britain or Ireland.

The following are the Elements from which we make the foregoing predictions:—

	d.	h.	m.	s.
Greenwich Mean Time of Conjunction in R. A. July 18	2	8	7.1	
Sun's and Moon's Right Ascension	7	52	20.18	
	deg.	min.	sec.	
Moon's Declination	N. 21	31	11.7	
Sun's Declination	N. 20	57	0.6	
Moon's hourly motion in R.A.		37	29.4	
Sun's hourly motion in R.A.		2	30.6	
Moon's hourly motion in Declination	S.	10	2.3	
Sun's hourly motion in Declination	S.		26.8	
Moon's Equatorial Horizontal Parallax		59	48.6	
Sun's Equatorial Horizontal Parallax			8.4	
Moon's true Semidiameter		16	20.1	
Sun's true Semidiameter		15	46.6	

IV.—A partial Eclipse of the MOON, August 1st, Invisible in Newfoundland.

	h.	m.
First contact with Shadow	1	38e.
Middle of Eclipse	1	54e.
Last contact with Shadow	3	10e.

Magnitude of the Eclipse, one half of the Moon's disc nearly.

PLANETARY MOVEMENTS.

VENUS will be the Evening Star until July 18, then Morning Star the rest of the year.

MARS will be Morning Star until July 17, then Evening Star the rest of the year.

JUPITER will be Morning Star until January 10, then Evening Star until July 29, then Morning Star the rest of the year.

SATURN will be Morning Star until Feb. 11, then Evening Star until August 22, then Morning Star the rest of the year.

An occultation of Venus by the Moon will take place on the evening of the 24th April. Jupiter will be occulted the 26th same month.