

# ECLIPSES IN 1837.

There will be five Eclipses this year—three of the Sun and two of the Moon: only one, that of the Moon, on the 13th October, will be visible in this Province.

1st.—A partial eclipse of the Sun, April 5th, at 2h. 42m. which, on account of the time it occurs and the Moon's Southern latitude, will be visible only in a small portion of the Southern Ocean.

2d.—A total eclipse of the Moon, April 20, at 4h. mean time, in the evening—visible throughout the Eastern continent; but ending before the Moon rises in this quarter.

3d.—A partial eclipse of the Sun, May 4th, at 2h. 22m. mean time, in the afternoon. This eclipse, although it takes place when the Sun is above the horizon, will be invisible to us on account of the Moon's Northern latitude. It will be visible on the North-west part of this continent.

4th.—A total eclipse of the Moon on Friday, October 13th. This eclipse begins before the Moon rises, but nearly the whole of it will be visible to us, as follows:—

Beginning of the eclipse, -	4h. 48m.	} Evening.
Moon rises, eclipsed, - -	5 18	
Beginning of total darkness, -	5 51	
Middle of the eclipse, - -	6 37	
End of total darkness, - -	7 23	
End of the eclipse, - - -	8 24	

5th.—A partial eclipse of the Sun, October 29th, at 6h. 50m. morning. This eclipse takes place while the Sun is above the horizon, but will be invisible to us on account of the Moon's Southern latitude. It will be visible only in the Southern Ocean and in the Southern extremity of South America.

## CHRONOLOGICAL CYCLES FOR 1837.

Domin. Letter, A	Epact 23	Roman Indict. 10
Golden Number, 14	Solar Cycle 26	Julian period 6550

## THE PLANETS.

☉ The Sun.	♀ Venus.	♃ Jupiter.
☾ The Moon.	♁ The Earth.	♄ Saturn.
☿ Mercury.	♂ Mars.	♆ Herschel.

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