Eclipses in the Year 1849.

There will be four Eclipses this year; two of the Sun and two of the Moon, viz.:—

1. An Eclipse of the Sun will take place on the 22nd February, at the time of New Moon, in the evening, invisible here. It will be visible in the eastern part of Asia, in the North Pacific Ocean, and in Russian America. It will be central and annular on the meridian, in longitude 153° 9' east from Greenwich, and latitude 41° 22' north.

2. There will be an Eclipse of the Moon on Thursday, 8th March, in the evening, visible wholly or in part throughout the United States and Mexico, and in the greater part of British America.

Beginning of the Eclipse, 14 min. past 6, evening.
Middle . . . . . 44 " " 7, "
End . . . . . 14 " " 9, "

Magnitude, at the middle of the Eclipse, 8.86 digits on the Moon's southern limb.

3. There will be an Eclipse of the Sun, at the time of the New Moon, on the 18th of August, in the Morning, invisible. This Eclipse will be visible in most of the Indian Ocean, in the south-eastern part of Africa, in Madagascar, and in the southern parts of Australia. It will be central and total on the meridian, in longitude 91° east from Grenwich, and latitude 38° 8' north.

4. There will be an Eclipse of the Moon, on the 2nd of September, at the time of Full Moon, in the morning, invisible. It, will, therefore, be visible on the opposite hemisphere. Magnitude 7.09 digits on the Moon's northern limb.