

2018 ECLIPSES

Climate Data Processing Centre/PMD

There will be Five Eclipses, two Lunar (of the Moon) and three Solar (of the Sun) during the year 2018.

1. Total Eclipse of Moon on 31th January, 2018 (Visible at Moonrise time in Pakistan)

It will be visible in large parts of US, northeastern Europe, Russia, Asia, the Indian Ocean, the Pacific, and Australia. In Pakistan, it will be visible at moonrise time. The total phase of this lunar eclipse, also known as a Blood Moon.

Penumbral Eclipse begins	15-51 PST
Partial Eclipse begins	16-48 PST
Total Eclipse begins	17-52 PST
Greatest Eclipse	18-31 PST
Total Eclipse ends	19-08 PST
Partial Eclipse ends	20-11 PST
Penumbral Eclipse ends	21-08 PST
Penumbral magnitude=2.2941	
Umbral magnitude= 1.3155	

2. Partial Eclipse of Sun on 15th /16th February, 2018 (Not visible in Pakistan)

It will be visible from South in South America, Pacific, Atlantic and Antarctica.

Partial Eclipse begins	23-56 PST (on 15 th February, 2018)
Greatest Eclipse	01-51 PST (on 16 th February, 2018)
Partial Eclipse ends	03-47 PST (on 16 th February, 2018)
Eclipse magnitude=0.5986	

3. Partial Eclipse of Sun on Friday 13th July, 2018 (Not Visible in Pakistan)

It is visible from the South in Australia, Pacific, Indian Ocean.

Partial Eclipse begins	06-48 PST
Greatest eclipse	08-01 PST
Partial Eclipse ends	09-14 PST
Eclipse Magnitude= 0.3367	

4. Total Eclipse of Moon on Friday/Saturday, 27th /28st July, 2018 (Visible in Pakistan)

It will be visible from Much of Europe, Much of Asia, Australia, Africa, South in North America, South America, Pacific, Atlantic, Indian Ocean and Antarctica. In Pakistan, all phases are visible.

Penumbral Eclipse begins	22-15 PST (on 27 th July, 2018)
Partial Eclipse begins	23-24 PST (on 27 th July, 2018)
Total Eclipse begins	00-30 PST (on 28 th July, 2018)
Greatest Eclipse	01-23 PST (on 28 th July, 2018)
Total Eclipse ends	02-13 PST (on 28 th July, 2018)
Partial Eclipse ends	03-19 PST (on 28 th July, 2018)
Penumbral Eclipse ends	04-29 PST (on 28 th July, 2018)
Penumbral Magnitude=2.6792	
Umbral Magnitude=1.6087	

5. Partial Eclipse of Sun on Saturday 11th August, 2018 (Not Visible in Pakistan)

It will be visible from the North/East Europe, North/West Asia, North in North America, Atlantic and Arctic.

Partial Eclipse begins	13-02 PST
Greatest eclipse	14-46 PST
Partial Eclipse ends	16-31 PST
Eclipse Magnitude= 0.7361	