

2020 ECLIPSES

Climate Data Processing Centre/PMD

There will be Six Eclipses, four Lunar (of the Moon) and two Solar (of the Sun) during the year 2020.

1. **Penumbral Eclipse Of Moon On, 10th & 11th January, 2020 (Visible in Pakistan)**

It will be visible Europe, Asia, Australia, Africa, much of North America, east in Southern America, Pacific, Atlantic, Indian Ocean and Arctic.

Penumbral Eclipse begins	22-08 PST on 10th January
Greatest Eclipse	00-10 PST on 11th January
Penumbral Eclipse ends	02-12 PST on 11th January

2. **Penumbral Eclipse Of Moon On, 05th & 06th June, 2020 (Visible in Pakistan)**

It will be visible from much of Europe, much of Asia, Australia, Africa, South America, Pacific, Atlantic, Indian Ocean and Antarctica.

Penumbral Eclipse begins	22-46 PST on 05th June
Greatest Eclipse	00-25 PST on 06th June
Penumbral Eclipse ends	02-04 PST on 06th June

3. **Annular Eclipse Of Sun On, 21st June, 2020 (Visible in Pakistan)**

The annular phase of this solar eclipse is visible from parts of Africa including the Central African Republic, Congo, and Ethiopia, Northern India and China.

Partial Eclipse begins	08-46 PST
Total Eclipse begins	09-48 PST
Greatest Eclipse	11-40 PST
Total Eclipse ends	13-32 PST
Partial Eclipse ends	14-34 PST

4. **Penumbral Eclipse Of Moon On, 05th July, 2020 (Not Visible in Pakistan)**

It will be visible South/West Europe, much of Africa, much of North America, South America, Pacific, Atlantic, Indian Ocean and Antarctica.

Penumbral Eclipse begins	08-07 PST
Greatest Eclipse	09-30 PST
Penumbral Eclipse ends	10-52 PST

5. **Penumbral Eclipse Of Moon On, 30th November, 2020 (Not Visible in Pakistan)**

It will be visible from much of Europe, much of Asia, Australia, North America, South America, Pacific, Atlantic and Arctic.

Penumbral Eclipse begins	12-32 PST
Greatest Eclipse	14-43 PST
Penumbral Eclipse ends	16-53 PST

6. **Total Eclipse Of Sun On, 14th December, 2020 (Not Visible in Pakistan)**

It will be visible from South in Africa, much of South America, Pacific, Atlantic, Indian Ocean, and Antarctica.

Partial Eclipse begins	18-34 PST
Total Eclipse begins	19-33 PST
Greatest Eclipse	21-13 PST
Total Eclipse ends	22-54 PST
Partial Eclipse ends	23-53 PST

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<http://www.pmd.gov.pk/cdpc/eclipses-2020.pdf>