

20 April 2023 Total Solar Eclipse

Regions seeing, at least, a partial eclipse: South/East Asia, Australia, Pacific, Indian Ocean, Antarctica

Event	UTC Time	Time in Sri Lanka
First location to see the partial eclipse begin	20 Apr, 01:34:22	20 Apr, 07:04:22
First location to see the full eclipse begin	20 Apr, 02:37:04	20 Apr, 08:07:04
Maximum Eclipse	20 Apr, 04:16:49	20 Apr, 09:46:49
Last location to see the full eclipse end	20 Apr, 05:56:36	20 Apr, 11:26:36
Last location to see the partial eclipse end	20 Apr, 06:59:18	20 Apr, 12:29:18

This Solar Eclipse not visible to Sri Lanka

5–6 May 2023 Penumbral Lunar Eclipse

Regions seeing, at least, some parts of the eclipse: South/East Europe, Much of Asia, Australia, Africa, Pacific, Atlantic, Indian Ocean, Antarctica.

Event	UTC Time	Time in Sri Lanka
Penumbral Eclipse begins	5 May, 15:14:08	5 May, 20:44:08
Maximum Eclipse	5 May, 17:22:55	5 May, 22:52:55
Penumbral Eclipse ends	5 May, 19:31:40	6 May, 01:01:40

The Moon is above the horizon during this eclipse, so with good weather conditions in Sri Lanka, the entire eclipse is visible.

Magnitude -0.046 Fraction of the Moon's diameter covered by Earth's umbra

Obscuration 0.0% Percentage of the Moon's area covered by Earth's umbra

Penumbral magnitude 0.964 Fraction of the Moon's diameter covered by Earth's penumbra

Overall duration 4 hours, 18 minutes Period between the beginning and end of all eclipse phases

14 October 2023 — Annular Solar Eclipse

Regions seeing, at least, a partial eclipse: West in Africa, North America, South America, Pacific, Atlantic, Arctic.

Event	UTC Time	Time in Sri Lanka
First location to see the partial eclipse begin	14 Oct, 15:03:45	14 Oct, 20:33:45
First location to see the full eclipse begin	14 Oct, 16:10:09	14 Oct, 21:40:09
Maximum Eclipse	14 Oct, 17:59:27	14 Oct, 23:29:27
Last location to see the full eclipse end	14 Oct, 19:48:56	15 Oct, 01:18:56
Last location to see the partial eclipse end	14 Oct, 20:55:11	15 Oct, 02:25:11

This Solar Eclipse not visible to Sri Lanka

28–29 October 2023 Partial Lunar Eclipse

Regions seeing, at least, some parts of the eclipse: Europe, Asia, Australia, Africa, North America, North/East South America, Pacific, Atlantic, Indian Ocean, Arctic, Antarctica.

Event	UTC Time	Time in Sri Lanka
Penumbral Eclipse begins	28 Oct, 18:01:44	28 Oct, 23:31:44
Partial Eclipse begins	28 Oct, 19:35:18	29 Oct, 01:05:18
Maximum Eclipse	28 Oct, 20:14:00	29 Oct, 01:44:00
Partial Eclipse ends	28 Oct, 20:52:37	29 Oct, 02:22:37
Penumbral Eclipse ends	28 Oct, 22:26:19	29 Oct, 03:56:19

The Moon is above the horizon during this eclipse, so with good weather conditions in Sri Lanka, the entire eclipse is visible.

Magnitude 0.122 Fraction of the Moon's diameter covered by Earth's umbra

Obscuration 6.0% Percentage of the Moon's area covered by Earth's umbra

Penumbral magnitude 1.118 Fraction of the Moon's diameter covered by Earth's penumbra

Overall duration 4 hours, 25 minutes Period between the beginning and end of all eclipse phases

