



Important Celestial Events of 2021

PHASES OF THE MOON

	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
New	13	12	13	12	12	10	10	8	7	6	5	4
Full	29	27	29	27	26	25	24	22	21	20	19	19

ECLIPSES DURING 2021

Date	Event	Whether visible in India	Timings (IST)
26 th May	Total Lunar Eclipse	Yes (Partial)	14:17 to 19:19
10 th June	Annular Solar Eclipse	No	15:19 to 17:03
19 th November	Partial Lunar Eclipse	Yes	11:32 to 17:33
04 th December	Total Solar Eclipse	No	12:30 to 13:36

For more details on eclipses please refer: <https://eclipse.gsfc.nasa.gov/eclipse.html>

Perihelion	2 nd January	19:20	Summer Solstice	21 st June	09:02
Aphelion	6 th July	03:57	Winter Solstice	21 st December	21:29
Vernal Equinox	20 th March	15:07	Moon Closest Perigee	04 th December	15:31
Autumnal Equinox	23 rd September	00:51	Moon Farthest Apogee	12 th May	03:24

METEOR SHOWERS 2021

Date & Month	Meteor Shower	Constellation
2nd-5th January	Quadrantids	Bootes
21st-25th April	Lyrids	Lyra
4th-7th May	Eta Aquarids	Aquarius
28th-31st July	Delta Aquarids	Aquarius
25th July-5th August	Alpha Capricornids	Capricorn
11th-13th August	Perseids	Perseus
7th-9th October	Draconids	Draco
20th-22nd October	Orionids	Orion
10th-13th November	Taurids	Taurus
16th-18th November	Leonids	Leo
11th-16th December	Geminids	Gemini
21st-23rd December	Ursids	Ursa Minor

VISIBILITY OF PLANETS *

Planet	Evening Sky	Morning Sky
Mercury	Dusk - Jan, Feb, May, Aug, Sep, Dec	Dawn - Mar, July, Oct, Nov
Venus	Dusk - May June, July, Aug, Sep, Oct, Nov, Dec	Dawn - January
Mars	Dusk - July, August Jan, Feb, Mar, Apr, May, Jun	Dawn - December
Jupiter	Sep, Oct, Nov, Dec	Feb, Mar, Apr, May, Jun, Jul
Saturn	Sep, Oct, Nov, Dec	Dawn - Feb Mar, Apr, May, Jun, Jul

* If a planet rises after local midnight, it is considered morning. Also, for Mercury and Venus visibility in the morning will be in east before sunrise and that of evening is in the west after sunset.