

### ● Visibility Of Planets ●

	VENUS	MARS	JUPITER	SATURN
MONTHS				
JAN	Can Be Seen From 4:30 AM Until Sunrise	Not Seen	Can Be Seen After Sunset Until 1:00 AM	Can Be Seen After Sunset Until 8:30 PM
FEB	Can Be Seen From 5:00 AM Until Sunrise	Not Seen	Can Be Seen After Sunset Until 11:00 PM	Not Seen
MAR	Can Be Seen From 5:15 AM Until Sunrise	Can Be Seen From 5:00 AM Until Sunrise	Can Be Seen After Sunset Until 9:00 PM	Not Seen
APR	Not Seen	Can Be Seen From 4:00 AM Until Sunrise	Can Be Seen After Sunset Until 8:00 PM	Can Be Seen From 4:00 AM Until Sunrise
MAY	Not Seen	Can Be Seen From 3:30 AM Until Sunrise	Not Seen	Can Be Seen From 2:00 AM Until Sunrise
JUN	Not Seen	Can Be Seen From 2:30 AM Until Sunrise	Can Be Seen From 4:30 AM Until Sunrise	Can Be Seen From 12:30 AM Until Sunrise
JUL	Not Seen	Can Be Seen From 2:00 AM Until Sunrise	Can Be Seen From 3:00 AM Until Sunrise	Can Be Seen From 10:15 PM Until Sunrise
AUG	Can Be Seen After Sunset Until 7:30 PM	Can Be Seen From 1:30 AM Until Sunrise	Can Be Seen From 1:30 AM Until Sunrise	Can Be Seen From 8:15 PM Until Sunrise
SEP	Can Be Seen After Sunset Until 7:30 PM	Can Be Seen From 1:00 AM Until Sunrise	Can Be Seen From 12:00 AM Until Sunrise	Can Be Seen From Throughout The Night Until 5:30 AM
OCT	Can Be Seen After Sunset Until 7:30 PM	Can Be Seen From 12:00 AM Until Sunrise	Can Be Seen From 11:30 AM Until Sunrise	Can Be Seen From Throughout The Night Until 3:00 AM
NOV	Can Be Seen After Sunset Until 8:00 PM	Can Be Seen From 10:30 PM Until Sunrise	Can Be Seen From 3:30 AM Until Sunrise	Can Be Seen After Sunset Until 1:00 AM
DEC	Can Be Seen After Sunset Until 8:30 Pm	Can Be Seen From 9:00 PM Until Sunrise	Can Be Seen From Throughout The Night Until 5:30 AM	Can Be Seen After Sunset Until 11:00 AM

**NOTES:**

**SATURN AT OPPOSITION** 8th SEPTEMBER - Best Time Of The Year To Observe Saturn

**JUPITER AT OPPOSITION** 8th DECEMBER - Best Time Of The Year To Observe Jupiter

| Mercury Has A Close Proximity With Sun Throughout The Year And Is Mostly Not Seen With Naked Eyes.

| Uranus & Neptune Are Very Faint To Be Seen With Naked Eyes From Semi Urban Skies.

### Visibility Of Moon

JANUARY		FEBRUARY	
DATE	TIMING	DATE	TIMING
1st to 3rd	Late Evening Skies	1st to 2nd	Late Evening Skies
4th to 10th	Midnight to Early Morning Skies	3rd to 9th	Midnight to Early Morning Skies
11th	New Moon - Moonless Night Best For Stargazing	10th	New Moon - Moonless Night Best For Stargazing
12th to 24th	Evening Skies	11th to 23rd	Evening Skies
25th	Full Moon - Moon Visible Whole Night	24th	Full Moon - Moon Visible Whole Night
26th to 31st	Late Evening Skies	25th to 29th	Late Evening Skies

MARCH		APRIL	
DATE	TIMING	DATE	TIMING
1st to 2nd	Late Evening Skies	1st	Late Evening Skies
3rd to 9th	Midnight to Early Morning Skies	2nd to 7th	Midnight to Early Morning Skies
10th	New Moon - Moonless Night Best For Stargazing	8th	New Moon - Moonless Night Best For Stargazing
11th to 24th	Evening Skies	9th to 23rd	Evening Skies
25th	Full Moon - Moon Visible Whole Night	24th	Full Moon - Moon Visible Whole Night
26th to 31st	Late Evening Skies	25th to 30th	Late Evening Skies

MAY		JUNE	
DATE	TIMING	DATE	TIMING
1st to 7th	Midnight to Early Morning Skies	1st to 5th	Midnight to Early Morning Skies
8th	New Moon - Moonless Night Best For Stargazing	6th	New Moon - Moonless Night Best For Stargazing
9th to 22nd	Evening Skies	7th to 21st	Evening Skies
23rd	Full Moon - Moon Visible Whole Night	22nd	Full Moon - Moon Visible Whole Night
24th to 30th	Late Evening Skies	23rd to 28th	Late Evening Skies
		29th to 30th	Midnight to Early Morning Skies

#### NOTES

**Micro Full Moon:** 24th February (A Micromoon Is When A Full Moon Coincides With Apogee, The Point In The Moon's Orbit Farthest Away From Earth)

**Super Full Moon:** 18th September (When The Full Moon Occurs Near The Moon's Closest Approach To Earth, Its Perigee, It Is Often Called A Supermoon)

## Visibility Of Moon

JULY		AUGUST	
DATE	TIMING	DATE	TIMING
1st to 5th	Midnight to Early Morning Skies	1st to 3rd	Midnight to Early Morning Skies
6th	New Moon - Moonless Night Best For Stargazing	4th	New Moon - Moonless Night Best For Stargazing
7th to 20th	Evening Skies	4th to 18th	Evening Skies
21st	Full Moon - Moon Visible Whole Night	19th	Full Moon - Moon Visible Whole Night
22nd to 27th	Late Evening Skies	20th to 25th	Late Evening Skies
28th to 31st	Midnight to Early Morning Skies	26th to 31st	Midnight to Early Morning Skies

SEPTEMBER		OCTOBER	
DATE	TIMING	DATE	TIMING
1st to 2nd	Midnight to Early Morning Skies	1st to 2nd	Midnight to Early Morning Skies
3rd	New Moon - Moonless Night Best For Stargazing	3rd	New Moon - Moonless Night Best For Stargazing
4th to 17th	Evening Skies	4th to 16th	Evening Skies
18th	Full Moon - Moon Visible Whole Night	17th	Moon Visible Whole Night
19th to 24th	Late Evening Skies	17th to 23rd	Late Evening Skies
25th to 30th	Midnight to Early Morning Skies	24th to 31st	Midnight to Early Morning Skies

NOVEMBER		DECEMBER	
DATE	TIMING	DATE	TIMING
1st	New Moon - Moonless Night Best For Stargazing	1st	New Moon - Moonless Night Best For Stargazing
2nd to 15th	Evening Skies	2nd to 14th	Evening Skies
16th	Full Moon - Moon Visible Whole Night	15th	Full Moon - Moon Visible Whole Night
17th to 22nd	Late Evening Skies	16th to 22nd	Late Evening Skies
23rd to 30th	Midnight to Early Morning Skies	23rd to 30th	Midnight to Early Morning Skies
		31st	New Moon - Moonless Night Best For Stargazing

**NOTES** | **Black Moon:** 31 Dec (Second New Moon In Single Calendar Month Is Called A Black Moon Is A Special Kind Of Moon Phase. But, If You Want To Spot A Black Moon, You're Out Of Luck: They Are Invisible)

| **Moon Occultation Of Antares:** 5th February (A Lunar Occultation Is When The Moon Appears To Move In Front Of Another Object In The Sky Like A Star, A Planet Or An Asteroid.)

### Monthly Lunar Phases

PHASES				
JAN	4th - 3rd QUARTER	11th - NEW MOON	18th - 1st QUARTER	25th - FULL MOON (Wolf Moon)
FEB	3rd - 3rd QUARTER	10th - NEW MOON	16th - 1st QUARTER	24th - FULL MOON (Snow Moon)
MAR	3rd - 3rd QUARTER	10th - NEW MOON	17th - 1st QUARTER	25th - FULL MOON (Worm Moon)
APR	2nd - 3rd QUARTER	8th - NEW MOON	15th - 1st QUARTER	23rd - FULLMOON (Pink Moon)
MAY	1st & 30th 3rd QUARTER	11th - NEW MOON	18th - 1st QUARTER	25th - FULL MOON (Flower Moon)
JUN	6th - NEW MOON	14th - 1st QUARTER	22nd - FULL MOON (Strawberry Moon)	29th - 3rd QUARTER
JUL	6th - NEW MOON	14th - 1st QUARTER	21st - FULL MOON (Buck Moon)	28th - 3rd QUARTER
AUG	4th - NEW MOON	12th - 1st QUARTER	19th - FULL MOON (Sturgeon Moon)	26th - 3rd QUARTER
SEP	3rd - NEW MOON	11th - 1st QUARTER	18th - FULL MOON (Full Corn Moon)	25th - 3rd QUARTER
OCT	3rd - NEW MOON	11th - 1st QUARTER	17th - FULL MOON (Hunter's Moon)	24th - 3rd QUARTER
NOV	1st - NEW MOON	9th - 1st QUARTER	16th - FULL MOON (Beaver Moon)	23rd - 3rd QUARTER
DEC	1st & 31st NEW MOON	8th - 1st QUARTER	15th - FULL MOON (Cold Moon)	23rd - 3rd QUARTER

#### NOTE

For Easy And Hassle-Free Observation Of Celestial Objects, Consider Using The Following Software And Apps Available On Android/iOS. These Tools Help You Effortlessly Locate And Explore The Wonders Of The Night Sky, Making Stargazing An Enjoyable Experience Even For Beginners.

STELLARIUM



SKY WALK 2



SKY MAP



SKYVIEW LITE

