



2022 CELESTIAL HIGHLIGHTS



JANUARY

						1
	3	4	5	6	7	8
9	10	11	12	13	14	15
16		18	19	20	21	22
23	24	25	26	27	28	29
30	31					

FEBRUARY

			2	3	4	5
6	7	8	9	10	11	12
13	14	15		17	18	19
20	21	22	23	24	25	26
27	28					

MARCH

		1		3	4	5
6	7	8	9	10	11	12
13	14	15	16	17		19
	21	22	23	24	25	26
27	28	29	30	31		

APRIL

						2
3	4		6	7	8	9
10	11	12	13	14	15	
17	18	19	20	21	22	23
24	25	26	27	28	29	

MAY

1	2	3	4	5		7
8	9	10	11	12	13	14
15		17	18	19	20	21
22	23	24	25	26	27	28
			31			

JUNE

			1	2	3	4
5	6	7	8	9	10	11
12			14	15	16	17
19		21	22	23	24	25
26	27	28		30		

JULY

					1	2
3	4	5	6	7	8	9
10	11	12		14	15	16
17	18	19	20	21	22	23
24	25	26	27		29	30
31						

AUGUST

	1	2	3	4	5	6
7	8	9	10	11		13
	15	16	17	18		20
21	22	23	24	25	26	
28	29	30	31			

SEPTEMBER

				1	2	3
4	5	6	7	8	9	
11	12	13	14	15	16	17
18	19	20	21	22		24
			27	28	29	30

OCTOBER

						1
2	3	4	5	6	7	
	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24			26	27	28
30	31					

NOVEMBER

		1	2	3	4	5
6	7		9	10	11	12
13	14	15	16	17	18	19
20	21	22		24	25	26
27	28	29	30			

DECEMBER

				1	2	3
4	5	6			9	10
11	12		14	15	16	17
18	19	20		22		24
25	26	27	28	29	30	31

- NEW MOON**
- FULL MOON**
- SUPER MOON**
- TOTAL LUNAR ECLIPSE**

MAY 16* - Visible in North America, Greenland, the Atlantic Ocean, and parts of western Europe and western Africa
* Viewable on 5/15 for Western North America

NOV 8 - Visible in most of eastern Russia, Japan, Australia, Pacific Ocean, and parts of western and central North America

TOP 3 METEOR SHOWERS

- MAY 6-7** - Eta Aquarids Meteor Shower
- AUG 12-13** - Perseids Meteor Shower
- DEC 12-13** - Geminids Meteor Shower

EQUINOXES AND SOLSTICES

- MAR 20** - March Equinox
- JUN 21** - Summer Solstice
- SEPT 23** - September Equinox
- DEC 21** - Winter Solstice

BEST DATES TO VIEW MERCURY

- FEB 16** - Greatest Western Elongation: 26.3°, visible pre-dawn
- AUG 27** - Greatest Eastern Elongation: 27.3°, visible pre-dusk

MARS OPPOSITION

SATURN OPPOSITION

JUPITER OPPOSITION

CONJUNCTIONS

- APR 5** - Mars and Saturn
- APR 30** - Jupiter and Venus
- MAY 29** - Mars and Jupiter
- JUN 13** - Venus and Mars
- AUG 19** - Moon and Mars near Pleiades
- DEC 7** - Moon, Jupiter, Saturn, and Venus
- PARTIAL SOLAR ECLIPSE**
- APR 30** - Visible in parts of the southeast Pacific Ocean, southern South America
- OCT 25** - Visible in parts of Russia