JAN25

Auroras are nature's most impressive and mysterious light shows. Most frequently spotted in areas close to Earth's poles, these spectacular lights are actually collisions between electrically charged particles from the sun that enter Earth's atmosphere.

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
DECEMBER S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	FEBRUARY S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28	Most often the lights appear light green or pink, but shades of red, yellow, blue, and violet are also possible.	CU CLOSED New Year's Day	2	CIT/JPL PAYDAY	4
5	6	7	8 2002: Record high 73°F East Rapid City, SD	9	JPL RDO	11
12	13	14	15	16	17 CIT/JPL PAYDAY	18 2011: Eight consecutive snow days Huntsville, AL
19	20 CU CLOSED Martin Luther King Jr. Day	21	22	23	JPL RDO CIT MONTHLY PAYDAY	25
26	27 2015: Largest snow accumulation at 34.5" Worcester, MA	28	29	30	31 CIT/JPL PAYDAY NO PAYROLL LOAN PAYMENT	First Quarter: 6 Full Moon: 13 Last Quarter: 21 New Moon: 29



Fog is a type of stratus cloud—a collection of liquid water droplets or ice crystals suspended in the air close to Earth's surface. Radiation fog is the most common type of fog. It forms at night as heat absorbed by Earth's surface is radiated back toward space. Radiation fog is more likely to occur on clear nights without cloud cover to stop the heat from escaping.

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	MARCH S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	First Quarter: 5 Full Moon: 12 Last Quarter: 20 New Moon: 27		In foggy conditions, humidity levels can exceed 95% and visibility may be reduced to less than one-half mile.		1
Groundhog Day	3	4	5	6	JPL RDO	8
2013: Historic New England Nor'easter 31.9" snow in Portland, ME	10	11	12	13	14 CIT/JPL PAYDAY Valentine's Day	15
2014: Cold weather record 23 days below zero Duluth, MN	CU CLOSED Washington's Birthday Observed Presidents' Day	18 CEFCU ANNUAL MEETING	19	20	21 JPL RDO	22 Washington's Birthday
23	24	25	26 CIT MONTHLY PAYDAY	27	28 CIT/JPL PAYDAY	



Cloud-to-ground lightning represents only about 20% of all lightning strikes. The most common form of lightning is inter-cloud lightning—a common occurrence in thunderstorms where opposite electrical charges in one cloud attract those in another. Long, horizontally traveling flashes are referred to as "spider lightning."

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
FEBRUARY S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28	APRIL S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30	First Quarter: 6 Full Moon: 14 Last Quarter: 22 New Moon: 29		Each flash of cloud-to-grou one billion volts of electrici a 100-watt bulb	ty which is enough to light	1
2012: Seventy tornadoes strike south and central U.S.	3	2013: Record low: 30°F	Sash Wednesday	6	JPL RDO	8
	10		•	10	1 /	15
9	10	11	12	13	14 CIT/JPL PAYDAY	15
16	17	18	19	20 Spring Begins	21 JPL RDO	22
23	24	25	26	27	28 CIT/JPL PAYDAY	29
30	31		PAYDAY			



Tornadoes are the most violent of all atmospheric storms. A tornado is a rotating, funnel-shaped cloud that extends from a thunderstorm to the ground with winds that can reach 300 miles per hour and can leave a path of destruction up to a mile wide and 50 miles long.

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
MARCH S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	MAY S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	All Fools' Day	2	3	JPL RDO	5
6	7	8	GU CLOSED CEFCU STAFF TRAINING DAY	10	11 CIT/JPL PAYDAY	12
Palm Sunday Passover Begins	14	15	16	17	JPL RDO Good Friday	19
20 Easter Sunday	21	22 Earth Day	23 Administrative Professionals Day	24	25 CIT/JPL PAYDAY CIT MONTHLY PAYDAY 2011: The Super Outbreak 360 tornadoes over three days impacted eight states	26
27	28	29	30	Twisters strike most freque a flat stretch of la western Texas t	nd extending from	First Quarter: 4 Full Moon: 12 Last Quarter: 20 New Moon: 27



When rain falls on dry soil it produces an earthy scent called petrichor. Petrichor occurs because the raindrops trap tiny air bubbles after hitting the ground which then shoot upward. Once airborne, the air bubbles burst out of the raindrop and release the earth's scent into the air which can then be distributed by wind.

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
APRIL S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30	JUNE S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30	First Quarter: 4 Full Moon: 12 Last Quarter: 20 New Moon: 26	According to the NOAA, 2019 was a record-making year of precipitation for the United States. 2019 was the second-wettest year on record with a total of 34.78 inches of precipitation.	2013: Record "spring" snowfall over three days Arkansas to Minnesota	JPL RDO	1999: Record tornado wind speed: 301 mph Oklahoma City, OK
4	5	6	7	8	GIT/JPL PAYDAY	10
11	12	13	14	15	16 JPL RDO	17 Armed Forces Day
18	19	20	21	22	23 CIT/JPL PAYDAY CIT MONTHLY PAYDAY	24
25	26 cu closed	27	28	29	JPL RDO	31
	Memorial Day			Ascension Day		



If a strong cold front approaches dry and dusty ground, it can lift the topsoil, forming a massive moving cloud of dust. These blinding, choking walls of dust are hazardous to people traveling on foot or by car, with visibilities reduced to under a quarter mile in some instances. However, the biggest problem dust storms create is the loss of valuable topsoil.

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
1	2 Shavuot	3	4	5	6 CIT/JPL PAYDAY	7
8	9	10	11	12	JPL RDO	14
15	16	17	18	CU CLOSED 2012: Stalled thunderstorm drenches city with record 7.2" of rain. Duluth, MN Juneteenth National Independence Day	20 CIT/JPL PAYDAY Summer Begins	21
22	23	24	25	26 CIT MONTHLY PAYDAY	27 JPL RDO	28
29	30	storms that swept the Grea picked up so much dust	he 1930s, the severe dust t Plains in the United States that it was swept across tean to Europe.	First Quarter: 2 Full Moon: 11 Last Quarter: 18 New Moon: 25	MAY S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31



Arcus clouds are a dramatic feature of many warm-weather thunderstorms. They form at the base of a parent cloud, usually a cumulonimbus cloud, and are low, horizontal formations that may arise along the leading edge of a thunderstorm or a cold front. While ominous in appearance, these wedge-shaped clouds normally do not produce tornadoes.

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30	AUGUST S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	1	2	CIT/JPL PAYDAY	CU CLOSED Independence Day	5
6	7	8	9	10	JPL RDO	12
13	14	15	16	17	18 CIT/JPL PAYDAY	19
2009: Thunderstorm drops eight inches of hail in Jefferson County, CO	21	22	23	24	JPL RDO CIT MONTHLY PAYDAY	26
27	28	29	30	31	Cloud types are classified according to their height and textured appearance.	First Quarter: 2 Full Moon: 10 Last Quarter: 17 New Moon: 24



Most of us know that rainbows contain seven colors: red, orange, yellow, green, blue, indigo, and violet. The next time you spot a double rainbow, notice that the secondary rainbow, the one that is higher and lighter in color than the primary one, has the colors reversed—violet is on top, and red is on the bottom.

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	SEPTEMBER S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30	First Quarter: 1 Full Moon: 9 Last Quarter: 16 New Moon: 23 First Quarter: 31		the sky, the higher the inbow will be.	CIT/JPL PAYDAY	2
2009: Record 113°F Oklahoma City, OK	4	5	6	7	JPL RDO	9
10	11	12	13	14	15 CIT/JPL PAYDAY	16
17	18	19	20	21	JPL RDO	23
24 31 2005: Hurricane Katrina reaches New Orleans, LA	25	26 CIT MONTHLY PAYDAY	27	28	29 CIT/JPL PAYDAY NO PAYROLL LOAN PAYMENT	30



Tidal forces influence the level of the sea due to the gravitational pull of the sun and the moon. Two high tides and two low tides occur daily. When the water levels from a high tide and a storm surge combine, the result is a storm tide with high waves and flooding.

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
Full Moon: 7 Last Quarter: 14 New Moon: 21 First Quarter: 29	CU CLOSED Labor Day	2	3 2017: Hurricane Harvey Texas	4	5 JPL RDO	6
Grandparents Day	8	9	10	11	12 CIT/JPL PAYDAY	13
14	15	16	17	18	JPL RDO	20
21	22 Autumn Begins	Rosh Hashanah	24	25	26 CIT/JPL PAYDAY CIT MONTHLY PAYDAY	27
28	29	30		remely dangerous and ously in deep water.	AUGUST S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	OCTOBER S M T W T F S

OCT25

Production of chlorophyll, which gives leaves their basic green color and enables plants to use sunlight, slows and eventually stops in autumn. Then, other pigments in the leaves—the carotenoids and the anthocyanins—are unmasked and able to show their colors to the world.

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
SEPTEMBER S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30	NOVEMBER S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30	Temperature, precipitation, and wind all have an effect on a tree's autumnal coloring. A warm and wet spring, average summer, and mild autumn days with cool evenings help produce optimal fall foliage.	1	2 Yom Kippur	JPL RDO	4
5	6	7 Sukkot	2016: Hurricane Matthew Florida to North Carolina	9	10 CIT/JPL PAYDAY	11
12	CU CLOSED Columbus Day Indigenous Peoples' Day	14	15	16 National Boss Day	JPL RDO	18
19	20	21	22	23	24 CIT/JPL PAYDAY CIT MONTHLY PAYDAY	25
26	27	28	2016: Hurricane Sandy record storm surge of nearly 14 ft at Battery Park in N.Y.C.	30	JPL RDO Halloween	Full Moon: 6 Last Quarter: 13 New Moon: 21 First Quarter: 29



Frost will form on a solid surface when the surrounding air and the surface itself is colder than freezing, creating an icy "winter wonderland" in the process. The size of the crystals depends on the amount of water vapor in the air as well as the time and temperature. In fact, frost may sometimes be so thick that it looks like snow.

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
OCTOBER S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	DECEMBER S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	Full Moon: 5 Last Quarter: 12 New Moon: 20 First Quarter: 28		Frost can injure plants by causing the liquid inside individual cells to freeze. Damaged plants appear shriveled, water-soaked, and dark brown or black in color.		All Saints' Day
2	3	4 Election Day (USA)	5	6	7 CIT/JPL PAYDAY	8
9	10	CU CLOSED 1940: Armistice Day Blizzard Midwestern States Veterans Day	12	13	JPL RDO	15
16	17	18	19	20	21 CIT/JPL PAYDAY	22
30	24	25	26 CIT MONTHLY PAYDAY	27 CU CLOSED Thanksgiving Day	JPL RDO CU CLOSED	29



A fresh blanket of white, powdery snow can create a beautiful scene. But did you know that snow is actually translucent? When light bounces off the ice crystals in snow, the reflected light includes all the colors, which, together, look white. In certain parts of the world, however, dust, pollution, or cold-loving freshwater algae can color this pristine-looking precipitation a host of colors, including pink, orange, and blue.

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
Full Moon: 4 Last Quarter: 11 New Moon: 19 First Quarter: 27	1	2	3	4	CIT/JPL PAYDAY	6
Pearl Harbor Day, 1941	8	9	1992: The "Great Nor'easter" hit the East Coast	11	JPL RDO	13
14	15 Hanukkah Begins	16	17	18	19 CIT/JPL PAYDAY	1998: Deep freeze 27°F \$700 million in crop damage San Joaquin Valley, CA
21 Winter Begins	22	23 CIT MONTHLY PAYDAY	24 SPECIAL HOURS: CU OPEN 9 A.M12 P.M.	CU CLOSED Christmas Day	26 JPL RDO	27
28	29	30	31 SPECIAL HOURS: CU OPEN 9 A.M12 P.M.	On average, snow covers about 17.8 million square miles of the Earth's surface each year. All that snow helps regulate the temperature of Earth's surface.	NOVEMBER S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30	JANUARY S M T W T F S

CALENDAR for 2025

CALENDAR for 2026

JANUARY	FEBRUARY	MARCH	JANUARY	FEBRUARY	MARCH
<u>s m i w i e s</u>	<u>s m i w i e s</u>	<u>S M I W I E S</u>	<u>S M I W I E S</u>	<u>s m i w i f s</u>	<u>s</u> <u>M</u> <u>T</u> <u>W</u> <u>T</u> <u>F</u> <u>s</u>
1 2 3 4	1	1	1 2 3	1 2 3 4 5 6 7	1 2 3 4 5 6 7
5 6 7 8 9 10 11	2 3 4 5 6 7 8	2 3 4 5 6 7 8	4 5 6 7 8 9 10	8 9 10 11 12 13 14	8 9 10 11 12 13 14
12 13 14 15 16 17 18	9 10 11 12 13 14 15	9 10 11 12 13 14 15	11 12 13 14 15 16 17	15 16 17 18 19 20 21	15 16 17 18 19 20 21
19 20 21 22 23 24 25	16 17 18 19 20 21 22	16 17 18 19 20 21 22	18 19 20 21 22 23 24	22 23 24 25 26 27 28	22 23 24 25 26 27 28
26 27 28 29 30 31	23 24 25 26 27 28	²³ / ₃₀ ²⁴ / ₃₁ 25 26 27 28 29	25 26 27 28 29 30 31		29 30 31
APRIL	MAY	JUNE	APRIL	MAY	JUNE
<u>s m i w i e s</u>	<u>s m i w i e s</u>	<u>s m i w i e s</u>	<u>SMIWIFS</u>	<u>s m i w i f s</u>	<u>s m i w i f s</u>
1 2 3 4 5	1 2 3	1 2 3 4 5 6 7	1 2 3 4	1 2	1 2 3 4 5 6
6 7 8 9 10 11 12	4 5 6 7 8 9 10	8 9 10 11 12 13 14	5 6 7 8 9 10 11	3 4 5 6 7 8 9	7 8 9 10 11 12 13
13 14 15 16 17 18 19	11 12 13 14 15 16 17	15 16 17 18 19 20 21	12 13 14 15 16 17 18	10 11 12 13 14 15 16	14 15 16 17 18 19 20
20 21 22 23 24 25 26	18 19 20 21 22 23 24	22 23 24 25 26 27 28	19 20 21 22 23 24 25	17 18 19 20 21 22 23	21 22 23 24 25 26 27
27 28 29 30	25 26 27 28 29 30 31	29 30	26 27 28 29 30	²⁴ / ₃₁ 25 26 27 28 29 30	28 29 30
JULY	AUGUST	SEPTEMBER	JULY	AUGUST	SEPTEMBER
<u>S M I W I F S</u>	<u>S M I W I F S</u>	<u>S M I W I F S</u>	S M I W I F S	<u>S M I W I E S</u>	<u>S M I W I F S</u>
1 2 3 4 5	1 2	1 2 3 4 5 6	1 2 3 4	1	1 2 3 4 5
6 7 8 9 10 11 12	3 4 5 6 7 8 9	7 8 9 10 11 12 13	5 6 7 8 9 10 11	2 3 4 5 6 7 8	6 7 8 9 10 11 12
13 14 15 16 17 18 19	10 11 12 13 14 15 16	14 15 16 17 18 19 20	12 13 14 15 16 17 18	9 10 11 12 13 14 15	13 14 15 16 17 18 19
20 21 22 23 24 25 26	17 18 19 20 21 22 23	21 22 23 24 25 26 27	19 20 21 22 23 24 25	16 17 18 19 20 21 22	20 21 22 23 24 25 26
27 28 29 30 31	²⁴ / ₃₁ 25 26 27 28 29 30	28 29 30	26 27 28 29 30 31	²³ / ₃₀ ²⁴ / ₃₁ 25 26 27 28 29	27 28 29 30
OCTOBER	NOVEMBER	DECEMBER	OCTOBER	NOVEMBER	DECEMBER
<u>S M I W I F S</u>	<u>S M I W I F S</u>	<u>S M I W I F S</u>	<u>S M I W I F S</u>	<u>S M I W I E S</u>	<u>S M I W I F S</u>
1 2 3 4	1	1 2 3 4 5 6	1 2 3	1 2 3 4 5 6 7	1 2 3 4 5
5 6 7 8 9 10 11	2 3 4 5 6 7 8	7 8 9 10 11 12 13	4 5 6 7 8 9 10	8 9 10 11 12 13 14	6 7 8 9 10 11 12
12 13 14 15 16 17 18	9 10 11 12 13 14 15	14 15 16 17 18 19 20	11 12 13 14 15 16 17	15 16 17 18 19 20 21	13 14 15 16 17 18 19
19 20 21 22 23 24 25	16 17 18 19 20 21 22	21 22 23 24 25 26 27	18 19 20 21 22 23 24	22 23 24 25 26 27 28	20 21 22 23 24 25 26
26 27 28 29 30 31	²³ / ₃₀ 24 25 26 27 28 29	28 29 30 31	25 26 27 28 29 30 31	29 30	27 28 29 30 31