

2017 Astronomy Events Calendar

January 2017						
◀ Dec 2016						Feb 2017 ▶
Sun	Mon	Tue	Wed	Thu	Fri	Sat
1 Happy New Year	2 No RE1J Classes Close approach Moon & Venus	3 RE1J Classes Resume	4 Quadrantid Meteor Shower	5 Moon at first quarter	6 Conjunction of Moon and Ceres	7
8	9 WSCU Classes Resume Moon at Perigee	10	11 Mercury at greatest brightness	12 Full Wolf Moon Venus at Greatest Western Elongation	13	14
15	16 MLK Jr. Holiday No WSCU Classes	17	18	19 Mercury at Greatest Western Elongation Close approach of Moon & Jupiter	20	21
22	23	24 Close approach of Moon & Saturn	25 Conjunction of Moon & Pluto	26	27	28 New Moon
29 Conjunction of Mercury & Pluto	30	31 Conjunction of Moon & Venus	Notes: Conjunction – when two objects appear close together as seen from Earth Apogee: point in the Moon's orbit when it is farthest from Earth. Perigee: point in the Moon's orbit when it is nearest to Earth Opposition: When a planet farther from the Sun than Earth appears opposite the Sun in the sky. This is the best time to observe a planet as it is closest to the Earth			

February 2017

◀ Jan 2017

Mar 2017 ▶

Sun	Mon	Tue	Wed	Thu	Fri	Sat
			1	2 Groundhog Day	3 Moon first quarter	4
5	6 Moon at perigee	7	8	9	10 Penumbral lunar eclipse	11 Full Snow Moon
12 Moon at aphelion	13	14	15	16	17 Jupiter at aphelion	18
19	20 Presidents Day Holiday No WSCU Classes RE1J No Classes	21 RE1J No Classes	22 Conjunction of Moon & Pluto	23	24 Moon at perihelion	25 Conjunction of Moon & Mercury
26 New Moon	27 Conjunction of Mars & Uranus	28 Conjunction of Moon & Venus	<p>Notes:</p> <p>Elongation: is the apparent angular separation of an object from the Sun. Greatest elongation is best for viewing as it is at it's highest point above the horizon. During eastern elongation the planet appears as the "evening star"; during western elongation; the planet appears as the "morning star".</p> <p>Inferior conjunction: When planet Mercury or Venus pass between the Sun and the Earth.</p>			

March 2017

◀ Feb 2017

Apr 2017 ▶

Sun	Mon	Tue	Wed	Thu	Fri	Sat
			1 Close approach of Moon & Mars	2	3 Moon at perigee	4
5 Moon first quarter	6	7	8	9	10	11
12 Full Worm Moon	13	14	15 Moon at aphelion	16 Conjunction of Venus & Mercury	17	18 Moon at apogee
19	20 Vernal Equinox – spring begins RE1J Spring Break No School this week No WSCU Classes This week →	21	22 Conjunction of Moon & Pluto	23 Mercury at greatest brightness	24	25 Moon at perihelion
26	27 Conjunction of the Moon & Venus	28 New Moon	29 Conjunction of Moon & Mercury	30	31	Notes:

April 2017

◀ Mar 2017

May 2017 ▶

Sun	Mon	Tue	Wed	Thu	Fri	Sat
						1 Mercury at greatest eastern elongation
2	3 Moon at first quarter	4	5	6	7 Jupiter at opposition – closest approach to Earth	8
9	10	11 Full Pink Moon	12 Virginid Meteor Shower	13	14	15
16 Close approach of Moon & Saturn	17	18 Conjunction of Moon & Pluto	19 Moon at last quarter	20	21 April School Holiday No RE1J Classes	22 Lyrids Meteor Shower
23	24	25 Conjunction of Moon & Mercury	26 New Moon	27	28 a-Scorpiid Meteor Shower	29 International Astronomy Day Venus at greatest brightness
30	Notes:					

May 2017

◀ Apr 2017

Jun 2017 ▶

Sun	Mon	Tue	Wed	Thu	Fri	Sat
	1	2 WSCU Finals Week Moon at first quarter	3	4	5	6 WSCU Commencement
7 Eta Aquarids Meteor Shower	8	9	10 Full Flower Moon	11	12 Moon at apogee	13
14	15 Conjunction of Moon & Pluto	16	17 Mercury at greatest western elongation	18 Moon at last quarter	19 Close approach of Moon & Neptune	20
21	22 Conjunction of Moon & Venus	23	24 Moon at perihelion	25 Moon at perigee	26 New Moon	27
28	29 Memorial Day Holiday No RE1J Classes No WSCU Classes	30	31	Notes:		

June 2017

◀ May 2017

Jul 2017 ▶

Sun	Mon	Tue	Wed	Thu	Fri	Sat
				1	2 Last day RE1J – ½ day Conjunction Venus & Uranus	3 Venus at greatest western elongation
4	5	6	7	8 Moon at apogee	9 GVO Open for Public Viewing Full Strawberry Moon	10 GVO Open for Public Viewing
11 Conjunction of Moon & Pluto	12	13	14	15 Saturn at Opposition – closest approach to Earth	16 GVO Open for Public Viewing	17 GVO Open for Public Viewing Moon at last quarter Gunnison Farmers Market starts for year
18 Arts Center Sundays at 6 Free Concerts – Legion Park	19 Mercury at greatest brightness	20 Ophiuchid meteor shower	21 Summer Solstice	22 Rocky Mountain Star Stare – CO Springs Astronomy Society 21-25	23 GVO Open for Public Viewing	24 New Moon GVO Open for Public Viewing Gunnison Farmers Market Saturdays
25 Arts Center Sundays at 6 Free Concerts – Legion Park	26	27	28	29	30 GVO Open for Public Viewing Moon at first quarter	Notes:

July 2017						
◀ Jun 2017						Aug 2017 ▶
Sun	Mon	Tue	Wed	Thu	Fri	Sat
						1 GVO Open for Public Viewing Gunnison Farmers Market every Saturday
2 Arts Center Sundays at 6 Free Concerts – Legion Park	3 Earth at aphelion	4 Independence Day Holiday	5 Moon at apogee	6 Close approach of Moon & Saturn	7 GVO Open for Public Viewing	8 GVO Open for Public Viewing Capricornid meteor shower
9 Full Buck Moon Arts Center Sundays at 6 Free Concerts – Legion Park	10	11	12 Cattlemen's Days Events	13 Close approach of Moon & Neptune	14 GVO Open for Public Viewing	15 10am Parade Cattlemen's Days GVO Open for Public Viewing
16 Moon at last quarter Arts Center Sundays at 6 Free Concerts – Legion Park	17	18	19	20 Conjunction of Moon & Venus	21 GVO Open for Public Viewing	22 GVO Open for Public Viewing Gunnison Farmers Market every Saturday
23 New Moon AAUW Art in the Park Event	24 Moon at perihelion	25 Conjunction of Moon & Mercury	26 Capricornid meteor shower	27	28 Delta Aquarids Meteor Shower GVO Open for Public Viewing	29 Delta Aquarids Meteor Shower GVO Open for Public Viewing
30 Mercury at greatest eastern elongation Arts Center Sundays at 6 Free Concerts – Legion Park	31	Notes:				

August 2017

◀ Jul 2017

Sep 2017 ▶

Sun	Mon	Tue	Wed	Thu	Fri	Sat
		1	2	3 Close approach of Moon & Saturn	4 GVO Open for Public Viewing	5 GVO Open for Public Viewing Mars at apogee Gunnison Farmers Market every Saturday
6 Arts Center Sundays at 6 Free Concerts – Legion Park	7 Full Sturgeon Moon	8	9 Close approach of Moon & Neptune	10	11 GVO Open for Public Viewing	12 Perseids Meteor Shower GVO Open for Public Viewing Gunnison Farmers Market every Saturday
13 Perseids Meteor Shower Arts Center Sundays at 6 Free Concerts – Legion Park	14 Moon at last quarter	15	16 Astronomical League's AstroCon – 16 th thru 19 th Casper, WY	17 Carvin Up Colorado	18 Gunnison Car Show Carvin Up Colorado GVO Open for Public Viewing Moon at perihelion	19 Gunnison Car Show Carvin Up Colorado High Octane Fair GVO Open for Public Viewing
20 High Octane Fair	21 New Moon Total Solar Eclipse – 'partial' seen in Gunnison; Begins approx. 10:20am	22	23	24	25 GVO Open for Public Viewing Close approach of Moon & Jupiter	26 GVO Open for Public Viewing Gunnison Farmers Market every Saturday
27	28	29 Moon at first quarter	30 Moon at apogee	31	Notes:	

September 2017

◀ Aug 2017

Oct 2017 ▶

Sun	Mon	Tue	Wed	Thu	Fri	Sat
					1 GVO Open for Public Viewing Conjunction of Moon & Pluto	2 GVO Open for Public Viewing Gunnison Farmers Market every Saturday
3 Moon at aphelion	4 Labor Day Holiday – No WSCU Classes	5 Neptune at Opposition – closest approach to Earth	6 Full Corn Moon	7	8 GVO Open for Public Viewing	9 GVO Open for Public Viewing Gunnison Farmers Market every Saturday
10	11	12 Mercury at greatest western elongation	13 Moon at last quarter	14	15 Mercury at perihelion	16 Conjunction of Mercury & Mars
17 Mercury at greatest brightness	18 Conjunction of Moon & Mercury	19 New Moon	20 New Moon	21	22 Autumnal Equinox – sun shine directly on equator	23
24	25	26	27	28 Conjunction of Moon & Pluto	29	30 National Astronomy Day

October 2017

◀ Labor Day Sep 2017

Nov 2017 ▶

Sun	Mon	Tue	Wed	Thu	Fri	Sat
1	2 Moon at aphelion	3	4	5 Full Hunters Moon Conjunction of Venus & Mars	6	7 Draconids Meteor Shower Mars at aphelion
8	9 Indigenous Peoples Day Holiday	10	11	12 Moon at last quarter	13 No WSCU Classes Close approach Moon and M44	14
15	16	17	18 Conjunction of Jupiter & Mercury	19 New Moon Uranus at Opposition – closest approach to Earth	20	21 Orionids Meteor Shower
22 Orionids Meteor Shower Moon at perihelion	23	24 Close approach of Moon & Saturn	25	26	27	28
29 Mercury at aphelion	30 Close approach of Moon & Neptune	31 Main Street Trick or Treat Event	Notes:			

November 2017

◀ Oct 2017

Dec 2017 ▶

Sun	Mon	Tue	Wed	Thu	Fri	Sat
			1 Moon at aphelion	2	3 Full "Beaver" Moon	4 Taurids Meteor Shower
5 Taurids Meteor Shower	6	7	8	9 Close approach of Moon & M44	10	11 Veterans Day
12	13 Conjunction of Venus & Jupiter	14 Close approach of Moon & Mars	15	16	17 Leonids Meteor Shower	18 Leonids Meteor Shower New Moon
19	20 RE1J Break No School this week No WSCU Classes →	21 Moon at apogee	22 Conjunction of Moon & Pluto	23 Thanksgiving Holiday	24 Mercury at greatest eastern elongation	25
26 Moon at first quarter	27	28	29 Mercury at greatest brightness	30	Notes:	

December 2017

◀ Nov 2017

Jan 2018 ▶

Sun	Mon	Tue	Wed	Thu	Fri	Sat
					1 Chamber Night of Lights	2 Moon at aphelion
3 Full "Cold" Moon Supermoon – closest approach to Earth for 2017	4 Moon at perigee	5	6 Conjunction of Mercury & Saturn	7	8	9
10 Moon last quarter	11	12	13 Geminids Meteor Shower Close approach Moon & Mars	14 Geminids Meteor Shower	15 Conjunction of Venus & Mercury	16
17 Conjunction of Moon & Mercury	18 New Moon	19 Conjunction Moon & Pluto	20	21 Winter Solstice – south pole tilted towards sun Ursids Meteor Shower	22 Ursids Meteor Shower	23
24	25 Christmas Day	26	27	28	29	30
31	Notes:					