

Grange Observatory

**ASTRONOMICAL ALMANAC
FOR YEAR 2026**

In all reports, times and dates are in CET standard time (not daylight savings time or summer time). Times are in 24 hour format.

Abbreviations used in reports:

AU	Astronomical Units
CET	Central European Time
D	Degrees
DEC	Declination
DIST	Distance
DSO	December Solstice
E	East
FM	Full Moon
FQ	First Quarter Moon
H	Hours
ILL FR,	
ILLUM FRAC	Illuminated Fraction
JSO	June Solstice
KM	Kilometers
LE	Lunar Eclipse
LQ	Last Quarter Moon
M	Minutes
MEQ	March Equinox
MR	Moon Rise
MS	Moon Set
N	North
NM	New Moon
RA	Right Ascension
S	South, Seconds
SE	Solar Eclipse
SEQ	September Equinox
SR	Sunrise
SS	Sunset
UT	Universal Time
W	West
ZHR	Zenithal Hourly Rate

476 Grange Obs. Latitude: 45°08'32" N Longitude: 7°08'27" E
 Local Time = UT + 1,00 hours Elevation: 470 meters

Calendar Report for 01/01/2026 to 31/12/2026

January 2026

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
				1	2	3
				SR: 8.10	SR: 8.10	SR: 8.10
				SS: 17.00	SS: 17.01	SS: 17.02
				MR: 14.34	MR: 15.38	MR: 16.54
				MS: 6.20	MS: 7.35	MS: 8.35
						FM: 11.04
4	5	6	7	8	9	10
SR: 8.10	SR: 8.10	SR: 8.10	SR: 8.10	SR: 8.09	SR: 8.09	SR: 8.09
SS: 17.03	SS: 17.04	SS: 17.05	SS: 17.06	SS: 17.07	SS: 17.08	SS: 17.09
MR: 18.16	MR: 19.38	MR: 20.55	MR: 22.08	MR: 23.17	MR: None	MR: 0.24
MS: 9.20	MS: 9.54	MS: 10.19	MS: 10.40	MS: 10.58	MS: 11.15	MS: 11.32
						LQ: 16.49
11	12	13	14	15	16	17
SR: 8.09	SR: 8.08	SR: 8.08	SR: 8.07	SR: 8.07	SR: 8.06	SR: 8.05
SS: 17.11	SS: 17.12	SS: 17.13	SS: 17.14	SS: 17.15	SS: 17.17	SS: 17.18
MR: 1.30	MR: 2.36	MR: 3.43	MR: 4.48	MR: 5.51	MR: 6.47	MR: 7.35
MS: 11.50	MS: 12.11	MS: 12.37	MS: 13.09	MS: 13.50	MS: 14.41	MS: 15.41
18	19	20	21	22	23	24
SR: 8.05	SR: 8.04	SR: 8.03	SR: 8.03	SR: 8.02	SR: 8.01	SR: 8.00
SS: 17.19	SS: 17.21	SS: 17.22	SS: 17.23	SS: 17.25	SS: 17.26	SS: 17.27
MR: 8.14	MR: 8.45	MR: 9.10	MR: 9.31	MR: 9.50	MR: 10.08	MR: 10.26
MS: 16.48	MS: 17.59	MS: 19.11	MS: 20.23	MS: 21.35	MS: 22.47	MS: None
NM: 20.53						
25	26	27	28	29	30	31
SR: 7.59	SR: 7.58	SR: 7.57	SR: 7.56	SR: 7.55	SR: 7.54	SR: 7.53
SS: 17.29	SS: 17.30	SS: 17.32	SS: 17.33	SS: 17.35	SS: 17.36	SS: 17.37
MR: 10.47	MR: 11.11	MR: 11.42	MR: 12.24	MR: 13.18	MR: 14.27	MR: 15.46
MS: 0.02	MS: 1.19	MS: 2.40	MS: 4.00	MS: 5.16	MS: 6.21	MS: 7.12
	FQ: 5.48					

February 2026

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
1	2	3	4	5	6	7
SR: 7.52	SR: 7.51	SR: 7.49	SR: 7.48	SR: 7.47	SR: 7.46	SR: 7.44
SS: 17.39	SS: 17.40	SS: 17.42	SS: 17.43	SS: 17.45	SS: 17.46	SS: 17.47
MR: 17.08	MR: 18.28	MR: 19.44	MR: 20.56	MR: 22.06	MR: 23.14	MR: None
MS: 7.50	MS: 8.18	MS: 8.41	MS: 9.01	MS: 9.18	MS: 9.35	MS: 9.53
FM: 23.11						
8	9	10	11	12	13	14
SR: 7.43	SR: 7.41	SR: 7.40	SR: 7.39	SR: 7.37	SR: 7.36	SR: 7.34
SS: 17.49	SS: 17.50	SS: 17.52	SS: 17.53	SS: 17.55	SS: 17.56	SS: 17.58
MR: 0.21	MR: 1.29	MR: 2.35	MR: 3.39	MR: 4.38	MR: 5.29	MR: 6.12
MS: 10.13	MS: 10.37	MS: 11.07	MS: 11.44	MS: 12.30	MS: 13.27	MS: 14.32
	LQ: 13.45					
15	16	17	18	19	20	21
SR: 7.33	SR: 7.31	SR: 7.30	SR: 7.28	SR: 7.26	SR: 7.25	SR: 7.23
SS: 17.59	SS: 18.00	SS: 18.02	SS: 18.03	SS: 18.05	SS: 18.06	SS: 18.07
MR: 6.45	MR: 7.13	MR: 7.36	MR: 7.56	MR: 8.14	MR: 8.32	MR: 8.52
MS: 15.43	MS: 16.55	MS: 18.09	MS: 19.22	MS: 20.36	MS: 21.51	MS: 23.09
		NM: 13.03				
		SE: 13.14				
22	23	24	25	26	27	28
SR: 7.22	SR: 7.20	SR: 7.18	SR: 7.17	SR: 7.15	SR: 7.13	SR: 7.11
SS: 18.09	SS: 18.10	SS: 18.12	SS: 18.13	SS: 18.14	SS: 18.16	SS: 18.17
MR: 9.16	MR: 9.44	MR: 10.22	MR: 11.11	MR: 12.13	MR: 13.27	MR: 14.46
MS: None	MS: 0.29	MS: 1.49	MS: 3.06	MS: 4.13	MS: 5.07	MS: 5.48
		FQ: 13.29				

March 2026

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
1	2	3	4	5	6	7
SR: 7.10	SR: 7.08	SR: 7.06	SR: 7.04	SR: 7.03	SR: 7.01	SR: 6.59
SS: 18.19	SS: 18.20	SS: 18.21	SS: 18.23	SS: 18.24	SS: 18.25	SS: 18.27
MR: 16.05	MR: 17.22	MR: 18.35	MR: 19.46	MR: 20.55	MR: 22.03	MR: 23.12
MS: 6.19	MS: 6.44	MS: 7.04	MS: 7.22	MS: 7.39	MS: 7.57	MS: 8.16
		FM: 12.39				
		LE: 12.38				
8	9	10	11	12	13	14
SR: 6.57	SR: 6.55	SR: 6.53	SR: 6.52	SR: 6.50	SR: 6.48	SR: 6.46
SS: 18.28	SS: 18.29	SS: 18.31	SS: 18.32	SS: 18.33	SS: 18.35	SS: 18.36
MR: None	MR: 0.19	MR: 1.25	MR: 2.27	MR: 3.21	MR: 4.07	MR: 4.43
MS: 8.38	MS: 9.05	MS: 9.39	MS: 10.22	MS: 11.14	MS: 12.15	MS: 13.23
			LQ: 10.42			
15	16	17	18	19	20	21
SR: 6.44	SR: 6.42	SR: 6.40	SR: 6.39	SR: 6.37	SR: 6.35	SR: 6.33
SS: 18.37	SS: 18.39	SS: 18.40	SS: 18.41	SS: 18.42	SS: 18.44	SS: 18.45
MR: 5.13	MR: 5.38	MR: 5.59	MR: 6.18	MR: 6.37	MR: 6.57	MR: 7.19
MS: 14.34	MS: 15.47	MS: 17.01	MS: 18.16	MS: 19.32	MS: 20.51	MS: 22.12
				NM: 2.26		
					MEQ:15.44	
22	23	24	25	26	27	28
SR: 6.31	SR: 6.29	SR: 6.27	SR: 6.25	SR: 6.24	SR: 6.22	SR: 6.20
SS: 18.46	SS: 18.48	SS: 18.49	SS: 18.50	SS: 18.51	SS: 18.53	SS: 18.54
MR: 7.46	MR: 8.21	MR: 9.07	MR: 10.06	MR: 11.17	MR: 12.33	MR: 13.51
MS: 23.35	MS: None	MS: 0.55	MS: 2.07	MS: 3.04	MS: 3.49	MS: 4.22
			FQ: 20.19			
29	30	31				
SR: 6.18	SR: 6.16	SR: 6.14				
SS: 18.55	SS: 18.57	SS: 18.58				
MR: 15.07	MR: 16.20	MR: 17.30				
MS: 4.48	MS: 5.09	MS: 5.27				

April 2026

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
			1	2	3	4
			SR: 6.12	SR: 6.10	SR: 6.09	SR: 6.07
			SS: 18.59	SS: 19.00	SS: 19.02	SS: 19.03
			MR: 18.39	MR: 19.47	MR: 20.55	MR: 22.04
			MS: 5.44	MS: 6.02	MS: 6.20	MS: 6.41
				FM: 3.13		
5	6	7	8	9	10	11
SR: 6.05	SR: 6.03	SR: 6.01	SR: 5.59	SR: 5.58	SR: 5.56	SR: 5.54
SS: 19.04	SS: 19.06	SS: 19.07	SS: 19.08	SS: 19.09	SS: 19.11	SS: 19.12
MR: 23.11	MR: None	MR: 0.14	MR: 1.12	MR: 2.00	MR: 2.40	MR: 3.12
MS: 7.06	MS: 7.38	MS: 8.17	MS: 9.05	MS: 10.02	MS: 11.06	MS: 12.15
					LQ: 5.55	
12	13	14	15	16	17	18
SR: 5.52	SR: 5.50	SR: 5.49	SR: 5.47	SR: 5.45	SR: 5.43	SR: 5.42
SS: 19.13	SS: 19.14	SS: 19.16	SS: 19.17	SS: 19.18	SS: 19.20	SS: 19.21
MR: 3.38	MR: 4.01	MR: 4.20	MR: 4.39	MR: 4.59	MR: 5.20	MR: 5.46
MS: 13.26	MS: 14.38	MS: 15.51	MS: 17.06	MS: 18.24	MS: 19.46	MS: 21.11
					NM: 12.54	
19	20	21	22	23	24	25
SR: 5.40	SR: 5.38	SR: 5.37	SR: 5.35	SR: 5.33	SR: 5.32	SR: 5.30
SS: 19.22	SS: 19.23	SS: 19.25	SS: 19.26	SS: 19.27	SS: 19.28	SS: 19.30
MR: 6.18	MR: 7.01	MR: 7.57	MR: 9.06	MR: 10.23	MR: 11.41	MR: 12.58
MS: 22.36	MS: 23.53	MS: None	MS: 0.58	MS: 1.48	MS: 2.24	MS: 2.52
					FQ: 3.33	
26	27	28	29	30		
SR: 5.28	SR: 5.27	SR: 5.25	SR: 5.24	SR: 5.22		
SS: 19.31	SS: 19.32	SS: 19.33	SS: 19.35	SS: 19.36		
MR: 14.10	MR: 15.20	MR: 16.28	MR: 17.36	MR: 18.43		
MS: 3.15	MS: 3.34	MS: 3.51	MS: 4.08	MS: 4.26		

May 2026

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
					1	2
					SR: 5.21	SR: 5.19
					SS: 19.37	SS: 19.38
					MR: 19.51	MR: 20.58
					MS: 4.46	MS: 5.09
					FM: 18.25	
3	4	5	6	7	8	9
SR: 5.18	SR: 5.16	SR: 5.15	SR: 5.13	SR: 5.12	SR: 5.11	SR: 5.09
SS: 19.40	SS: 19.41	SS: 19.42	SS: 19.43	SS: 19.45	SS: 19.46	SS: 19.47
MR: 22.03	MR: 23.03	MR: 23.55	MR: None	MR: 0.37	MR: 1.12	MR: 1.39
MS: 5.38	MS: 6.15	MS: 6.59	MS: 7.53	MS: 8.55	MS: 10.01	MS: 11.09
						LQ: 22.14
10	11	12	13	14	15	16
SR: 5.08	SR: 5.07	SR: 5.06	SR: 5.04	SR: 5.03	SR: 5.02	SR: 5.01
SS: 19.48	SS: 19.49	SS: 19.51	SS: 19.52	SS: 19.53	SS: 19.54	SS: 19.55
MR: 2.02	MR: 2.23	MR: 2.41	MR: 3.00	MR: 3.20	MR: 3.43	MR: 4.13
MS: 12.19	MS: 13.30	MS: 14.42	MS: 15.57	MS: 17.16	MS: 18.39	MS: 20.05
						NM: 21.03
17	18	19	20	21	22	23
SR: 5.00	SR: 4.59	SR: 4.58	SR: 4.57	SR: 4.56	SR: 4.55	SR: 4.54
SS: 19.56	SS: 19.58	SS: 19.59	SS: 20.00	SS: 20.01	SS: 20.02	SS: 20.03
MR: 4.51	MR: 5.42	MR: 6.48	MR: 8.05	MR: 9.26	MR: 10.46	MR: 12.01
MS: 21.29	MS: 22.42	MS: 23.40	MS: None	MS: 0.23	MS: 0.54	MS: 1.19
						FQ: 12.12
24	25	26	27	28	29	30
SR: 4.53	SR: 4.52	SR: 4.52	SR: 4.51	SR: 4.50	SR: 4.49	SR: 4.49
SS: 20.04	SS: 20.05	SS: 20.06	SS: 20.07	SS: 20.08	SS: 20.09	SS: 20.10
MR: 13.12	MR: 14.21	MR: 15.28	MR: 16.35	MR: 17.42	MR: 18.49	MR: 19.54
MS: 1.39	MS: 1.57	MS: 2.14	MS: 2.32	MS: 2.51	MS: 3.13	MS: 3.41
31						
SR: 4.48						
SS: 20.11						
MR: 20.56						
MS: 4.14						
FM: 9.47						

June 2026

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
	1	2	3	4	5	6
	SR: 4.48	SR: 4.47	SR: 4.47	SR: 4.46	SR: 4.46	SR: 4.45
	SS: 20.11	SS: 20.12	SS: 20.13	SS: 20.14	SS: 20.15	SS: 20.15
	MR: 21.50	MR: 22.35	MR: 23.12	MR: 23.42	MR: None	MR: 0.06
	MS: 4.57	MS: 5.48	MS: 6.47	MS: 7.52	MS: 8.59	MS: 10.07
7	8	9	10	11	12	13
SR: 4.45	SR: 4.45	SR: 4.44	SR: 4.44	SR: 4.44	SR: 4.44	SR: 4.44
SS: 20.16	SS: 20.17	SS: 20.17	SS: 20.18	SS: 20.19	SS: 20.19	SS: 20.20
MR: 0.26	MR: 0.45	MR: 1.03	MR: 1.22	MR: 1.43	MR: 2.08	MR: 2.41
MS: 11.16	MS: 12.25	MS: 13.37	MS: 14.51	MS: 16.10	MS: 17.33	MS: 18.58
	LQ: 11.03					
14	15	16	17	18	19	20
SR: 4.44	SR: 4.44	SR: 4.44	SR: 4.44	SR: 4.44	SR: 4.44	SR: 4.44
SS: 20.20	SS: 20.21	SS: 20.21	SS: 20.21	SS: 20.22	SS: 20.22	SS: 20.22
MR: 3.25	MR: 4.25	MR: 5.39	MR: 7.01	MR: 8.24	MR: 9.44	MR: 10.59
MS: 20.17	MS: 21.24	MS: 22.15	MS: 22.52	MS: 23.20	MS: 23.43	MS: None
	NM: 3.56					
21	22	23	24	25	26	27
SR: 4.44	SR: 4.44	SR: 4.45	SR: 4.45	SR: 4.45	SR: 4.46	SR: 4.46
SS: 20.22	SS: 20.23	SS: 20.23	SS: 20.23	SS: 20.23	SS: 20.23	SS: 20.23
MR: 12.10	MR: 13.19	MR: 14.26	MR: 15.34	MR: 16.41	MR: 17.47	MR: 18.49
MS: 0.02	MS: 0.20	MS: 0.37	MS: 0.56	MS: 1.18	MS: 1.43	MS: 2.15
FQ: 22.56						
JSO: 9.21						
28	29	30				
SR: 4.46	SR: 4.47	SR: 4.47				
SS: 20.23	SS: 20.23	SS: 20.23				
MR: 19.46	MR: 20.34	MR: 21.13				
MS: 2.54	MS: 3.43	MS: 4.40				
		FM: 0.58				

July 2026

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
			1	2	3	4
			SR: 4.48	SR: 4.49	SR: 4.49	SR: 4.50
			SS: 20.22	SS: 20.22	SS: 20.22	SS: 20.22
			MR: 21.45	MR: 22.10	MR: 22.32	MR: 22.50
			MS: 5.44	MS: 6.51	MS: 7.59	MS: 9.07
5	6	7	8	9	10	11
SR: 4.50	SR: 4.51	SR: 4.52	SR: 4.53	SR: 4.53	SR: 4.54	SR: 4.55
SS: 20.21	SS: 20.21	SS: 20.21	SS: 20.20	SS: 20.20	SS: 20.19	SS: 20.19
MR: 23.08	MR: 23.26	MR: 23.45	MR: None	MR: 0.08	MR: 0.36	MR: 1.14
MS: 10.16	MS: 11.25	MS: 12.36	MS: 13.51	MS: 15.09	MS: 16.31	MS: 17.51
		LQ: 20.31				
12	13	14	15	16	17	18
SR: 4.56	SR: 4.57	SR: 4.58	SR: 4.58	SR: 4.59	SR: 5.00	SR: 5.01
SS: 20.18	SS: 20.17	SS: 20.17	SS: 20.16	SS: 20.15	SS: 20.14	SS: 20.14
MR: 2.04	MR: 3.11	MR: 4.30	MR: 5.54	MR: 7.18	MR: 8.38	MR: 9.53
MS: 19.04	MS: 20.02	MS: 20.46	MS: 21.18	MS: 21.44	MS: 22.05	MS: 22.24
		NM: 10.45				
19	20	21	22	23	24	25
SR: 5.02	SR: 5.03	SR: 5.04	SR: 5.05	SR: 5.06	SR: 5.07	SR: 5.08
SS: 20.13	SS: 20.12	SS: 20.11	SS: 20.10	SS: 20.09	SS: 20.08	SS: 20.07
MR: 11.04	MR: 12.14	MR: 13.22	MR: 14.30	MR: 15.37	MR: 16.42	MR: 17.40
MS: 22.42	MS: 23.00	MS: 23.21	MS: 23.45	MS: None	MS: 0.15	MS: 0.51
		FQ: 12.06				
26	27	28	29	30	31	
SR: 5.10	SR: 5.11	SR: 5.12	SR: 5.13	SR: 5.14	SR: 5.15	
SS: 20.06	SS: 20.05	SS: 20.04	SS: 20.02	SS: 20.01	SS: 20.00	
MR: 18.31	MR: 19.14	MR: 19.47	MR: 20.15	MR: 20.37	MR: 20.57	
MS: 1.37	MS: 2.32	MS: 3.34	MS: 4.41	MS: 5.50	MS: 6.59	
			FM: 15.37			

August

2026

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
						1 SR: 5.16 SS: 19.59 MR: 21.15 MS: 8.08
2 SR: 5.17 SS: 19.57 MR: 21.32 MS: 9.17	3 SR: 5.19 SS: 19.56 MR: 21.51 MS: 10.27	4 SR: 5.20 SS: 19.55 MR: 22.12 MS: 11.40	5 SR: 5.21 SS: 19.53 MR: 22.37 MS: 12.55	6 SR: 5.22 SS: 19.52 MR: 23.10 MS: 14.14 LQ: 3.23	7 SR: 5.23 SS: 19.51 MR: 23.53 MS: 15.33	8 SR: 5.24 SS: 19.49 MR: None MS: 16.47
9 SR: 5.26 SS: 19.48 MR: 0.51 MS: 17.49	10 SR: 5.27 SS: 19.46 MR: 2.03 MS: 18.38	11 SR: 5.28 SS: 19.45 MR: 3.25 MS: 19.15	12 SR: 5.29 SS: 19.43 MR: 4.49 MS: 19.43 NM: 18.38 SE: 18.50	13 SR: 5.30 SS: 19.42 MR: 6.10 MS: 20.06	14 SR: 5.32 SS: 19.40 MR: 7.28 MS: 20.26	15 SR: 5.33 SS: 19.38 MR: 8.43 MS: 20.45
16 SR: 5.34 SS: 19.37 MR: 9.55 MS: 21.04	17 SR: 5.35 SS: 19.35 MR: 11.06 MS: 21.24	18 SR: 5.36 SS: 19.34 MR: 12.15 MS: 21.47	19 SR: 5.38 SS: 19.32 MR: 13.24 MS: 22.14	20 SR: 5.39 SS: 19.30 MR: 14.30 MS: 22.48 FQ: 3.47	21 SR: 5.40 SS: 19.28 MR: 15.32 MS: 23.31	22 SR: 5.41 SS: 19.27 MR: 16.26 MS: None
23 SR: 5.42 SS: 19.25 MR: 17.11 MS: 0.22	24 SR: 5.44 SS: 19.23 MR: 17.48 MS: 1.22	25 SR: 5.45 SS: 19.22 MR: 18.18 MS: 2.28	26 SR: 5.46 SS: 19.20 MR: 18.42 MS: 3.36	27 SR: 5.47 SS: 19.18 MR: 19.03 MS: 4.46	28 SR: 5.48 SS: 19.16 MR: 19.21 MS: 5.56 FM: 5.20 LE: 5.12	29 SR: 5.50 SS: 19.14 MR: 19.39 MS: 7.06
30 SR: 5.51 SS: 19.13 MR: 19.57 MS: 8.17	31 SR: 5.52 SS: 19.11 MR: 20.18 MS: 9.29					

September 2026

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
		1	2	3	4	5
		SR: 5.53	SR: 5.54	SR: 5.56	SR: 5.57	SR: 5.58
		SS: 19.09	SS: 19.07	SS: 19.05	SS: 19.03	SS: 19.02
		MR: 20.42	MR: 21.12	MR: 21.51	MR: 22.43	MR: 23.48
		MS: 10.45	MS: 12.03	MS: 13.22	MS: 14.36	MS: 15.41
					LQ: 8.52	
6	7	8	9	10	11	12
SR: 5.59	SR: 6.00	SR: 6.01	SR: 6.03	SR: 6.04	SR: 6.05	SR: 6.06
SS: 19.00	SS: 18.58	SS: 18.56	SS: 18.54	SS: 18.52	SS: 18.50	SS: 18.48
MR: None	MR: 1.04	MR: 2.25	MR: 3.46	MR: 5.04	MR: 6.20	MR: 7.33
MS: 16.33	MS: 17.13	MS: 17.44	MS: 18.08	MS: 18.29	MS: 18.48	MS: 19.07
					NM: 4.27	
13	14	15	16	17	18	19
SR: 6.07	SR: 6.09	SR: 6.10	SR: 6.11	SR: 6.12	SR: 6.13	SR: 6.15
SS: 18.46	SS: 18.45	SS: 18.43	SS: 18.41	SS: 18.39	SS: 18.37	SS: 18.35
MR: 8.45	MR: 9.56	MR: 11.07	MR: 12.15	MR: 13.19	MR: 14.17	MR: 15.06
MS: 19.26	MS: 19.48	MS: 20.14	MS: 20.46	MS: 21.25	MS: 22.13	MS: 23.09
					FQ: 21.44	
20	21	22	23	24	25	26
SR: 6.16	SR: 6.17	SR: 6.18	SR: 6.20	SR: 6.21	SR: 6.22	SR: 6.23
SS: 18.33	SS: 18.31	SS: 18.29	SS: 18.27	SS: 18.25	SS: 18.24	SS: 18.22
MR: 15.46	MR: 16.18	MR: 16.44	MR: 17.06	MR: 17.26	MR: 17.44	MR: 18.03
MS: None	MS: 0.13	MS: 1.20	MS: 2.29	MS: 3.38	MS: 4.49	MS: 6.00
						FM: 17.50
			SEQ: 1.06			
27	28	29	30			
SR: 6.24	SR: 6.26	SR: 6.27	SR: 6.28			
SS: 18.20	SS: 18.18	SS: 18.16	SS: 18.14			
MR: 18.23	MR: 18.46	MR: 19.14	MR: 19.51			
MS: 7.14	MS: 8.30	MS: 9.49	MS: 11.09			

October 2026

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
				1	2	3
				SR: 6.29	SR: 6.31	SR: 6.32
				SS: 18.12	SS: 18.10	SS: 18.08
				MR: 20.39	MR: 21.40	MR: 22.53
				MS: 12.26	MS: 13.35	MS: 14.31
						LQ: 14.26
4	5	6	7	8	9	10
SR: 6.33	SR: 6.34	SR: 6.36	SR: 6.37	SR: 6.38	SR: 6.39	SR: 6.41
SS: 18.07	SS: 18.05	SS: 18.03	SS: 18.01	SS: 17.59	SS: 17.57	SS: 17.56
MR: None	MR: 0.11	MR: 1.30	MR: 2.48	MR: 4.02	MR: 5.15	MR: 6.26
MS: 15.14	MS: 15.46	MS: 16.12	MS: 16.34	MS: 16.53	MS: 17.11	MS: 17.30
						NM: 16.50
11	12	13	14	15	16	17
SR: 6.42	SR: 6.43	SR: 6.45	SR: 6.46	SR: 6.47	SR: 6.48	SR: 6.50
SS: 17.54	SS: 17.52	SS: 17.50	SS: 17.48	SS: 17.47	SS: 17.45	SS: 17.43
MR: 7.37	MR: 8.48	MR: 9.58	MR: 11.05	MR: 12.05	MR: 12.58	MR: 13.41
MS: 17.51	MS: 18.15	MS: 18.45	MS: 19.21	MS: 20.06	MS: 20.59	MS: 21.59
18	19	20	21	22	23	24
SR: 6.51	SR: 6.52	SR: 6.54	SR: 6.55	SR: 6.56	SR: 6.58	SR: 6.59
SS: 17.41	SS: 17.40	SS: 17.38	SS: 17.36	SS: 17.35	SS: 17.33	SS: 17.32
MR: 14.16	MR: 14.45	MR: 15.08	MR: 15.28	MR: 15.47	MR: 16.06	MR: 16.25
MS: 23.04	MS: None	MS: 0.11	MS: 1.19	MS: 2.28	MS: 3.38	MS: 4.51
FQ: 17.14						
25	26	27	28	29	30	31
SR: 7.00	SR: 7.02	SR: 7.03	SR: 7.05	SR: 7.06	SR: 7.07	SR: 7.09
SS: 17.30	SS: 17.28	SS: 17.27	SS: 17.25	SS: 17.24	SS: 17.22	SS: 17.21
MR: 16.47	MR: 17.14	MR: 17.48	MR: 18.33	MR: 19.32	MR: 20.43	MR: 22.01
MS: 6.06	MS: 7.26	MS: 8.48	MS: 10.09	MS: 11.24	MS: 12.25	MS: 13.13
	FM: 5.13					

November 2026

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
1	2	3	4	5	6	7
SR: 7.10	SR: 7.11	SR: 7.13	SR: 7.14	SR: 7.16	SR: 7.17	SR: 7.18
SS: 17.19	SS: 17.18	SS: 17.17	SS: 17.15	SS: 17.14	SS: 17.13	SS: 17.11
MR: 23.20	MR: None	MR: 0.38	MR: 1.52	MR: 3.04	MR: 4.14	MR: 5.24
MS: 13.49	MS: 14.16	MS: 14.39	MS: 14.58	MS: 15.17	MS: 15.35	MS: 15.55
LQ: 21.30						
8	9	10	11	12	13	14
SR: 7.20	SR: 7.21	SR: 7.22	SR: 7.24	SR: 7.25	SR: 7.27	SR: 7.28
SS: 17.10	SS: 17.09	SS: 17.08	SS: 17.07	SS: 17.05	SS: 17.04	SS: 17.03
MR: 6.34	MR: 7.43	MR: 8.51	MR: 9.54	MR: 10.50	MR: 11.37	MR: 12.14
MS: 16.18	MS: 16.45	MS: 17.19	MS: 18.01	MS: 18.51	MS: 19.49	MS: 20.52
	NM: 8.03					
15	16	17	18	19	20	21
SR: 7.29	SR: 7.31	SR: 7.32	SR: 7.33	SR: 7.35	SR: 7.36	SR: 7.37
SS: 17.02	SS: 17.01	SS: 17.00	SS: 16.59	SS: 16.59	SS: 16.58	SS: 16.57
MR: 12.45	MR: 13.10	MR: 13.31	MR: 13.49	MR: 14.08	MR: 14.26	MR: 14.46
MS: 21.57	MS: 23.04	MS: None	MS: 0.11	MS: 1.18	MS: 2.28	MS: 3.40
		FQ: 12.49				
22	23	24	25	26	27	28
SR: 7.39	SR: 7.40	SR: 7.41	SR: 7.42	SR: 7.44	SR: 7.45	SR: 7.46
SS: 16.56	SS: 16.55	SS: 16.55	SS: 16.54	SS: 16.53	SS: 16.53	SS: 16.52
MR: 15.11	MR: 15.41	MR: 16.22	MR: 17.16	MR: 18.24	MR: 19.43	MR: 21.06
MS: 4.56	MS: 6.17	MS: 7.41	MS: 9.01	MS: 10.11	MS: 11.06	MS: 11.48
		FM: 15.55				
29	30					
SR: 7.47	SR: 7.49					
SS: 16.52	SS: 16.51					
MR: 22.26	MR: 23.43					
MS: 12.19	MS: 12.43					

December 2026

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
		1	2	3	4	5
		SR: 7.50	SR: 7.51	SR: 7.52	SR: 7.53	SR: 7.54
		SS: 16.51	SS: 16.51	SS: 16.50	SS: 16.50	SS: 16.50
		MR: None	MR: 0.56	MR: 2.06	MR: 3.15	MR: 4.24
		MS: 13.04	MS: 13.23	MS: 13.41	MS: 14.00	MS: 14.22
		LQ: 7.10				
6	7	8	9	10	11	12
SR: 7.55	SR: 7.56	SR: 7.57	SR: 7.58	SR: 7.59	SR: 8.00	SR: 8.01
SS: 16.50	SS: 16.49	SS: 16.49	SS: 16.49	SS: 16.49	SS: 16.49	SS: 16.49
MR: 5.33	MR: 6.41	MR: 7.45	MR: 8.43	MR: 9.33	MR: 10.13	MR: 10.46
MS: 14.48	MS: 15.19	MS: 15.58	MS: 16.45	MS: 17.41	MS: 18.42	MS: 19.47
			NM: 1.53			
13	14	15	16	17	18	19
SR: 8.02	SR: 8.02	SR: 8.03	SR: 8.04	SR: 8.05	SR: 8.05	SR: 8.06
SS: 16.49	SS: 16.50	SS: 16.50	SS: 16.50	SS: 16.50	SS: 16.51	SS: 16.51
MR: 11.12	MR: 11.34	MR: 11.53	MR: 12.11	MR: 12.29	MR: 12.47	MR: 13.09
MS: 20.53	MS: 21.59	MS: 23.05	MS: None	MS: 0.11	MS: 1.20	MS: 2.31
				FQ: 6.43		
20	21	22	23	24	25	26
SR: 8.07	SR: 8.07	SR: 8.08	SR: 8.08	SR: 8.08	SR: 8.09	SR: 8.09
SS: 16.52	SS: 16.52	SS: 16.52	SS: 16.53	SS: 16.54	SS: 16.54	SS: 16.55
MR: 13.35	MR: 14.09	MR: 14.56	MR: 15.57	MR: 17.13	MR: 18.38	MR: 20.03
MS: 3.48	MS: 5.08	MS: 6.30	MS: 7.46	MS: 8.50	MS: 9.39	MS: 10.16
				FM: 2.30		
	DSO:21.48					
27	28	29	30	31		
SR: 8.09	SR: 8.10	SR: 8.10	SR: 8.10	SR: 8.10		
SS: 16.56	SS: 16.56	SS: 16.57	SS: 16.58	SS: 16.59		
MR: 21.25	MR: 22.42	MR: 23.55	MR: None	MR: 1.06		
MS: 10.44	MS: 11.07	MS: 11.27	MS: 11.46	MS: 12.05		
			LQ: 20.01			

476 Grange Obs. Latitude: 45°08'32" N Longitude: 7°08'27" E
Local Time = UT + 1,00 hours Elevation: 470 meters

Seasons Report for 2026

MEQ: 20/03/2026	15.44	Winter Length:	88,98 days
JSO: 21/06/2026	9.21	Spring Length:	92,73 days
SEQ: 23/09/2026	1.06	Summer Length:	93,66 days
DSO: 21/12/2026	21.48	Autumn Length:	89,86 days

Dates of Easter Report for 2026

05/04/2026

476 Grange Obs. Latitude: 45°08'32" N Longitude: 7°08'27" E
Local Time = UT + 1,00 hours Elevation: 470 meters

Lunar Eclipse Report for 2026

Lunar eclipse on 03/03/2026

Moon rise: 18.35
Moon set: 7.04
Magnitude: 1,15
Partial phase begins: 10.55
Total phase begins: 12.09
Time of maximum eclipse: 12.38
Total phase ends: 13.07
Partial phase ends: 14.21

Lunar eclipse on 28/08/2026

Moon rise: 19.21
Moon set: 5.56
Magnitude: 0,93
Partial phase begins: 3.34
Time of maximum eclipse: 5.12
Partial phase ends: 6.51

476 Grange Obs. Latitude: 45°08'32" N Longitude: 7°08'27" E
Local Time = UT + 1,00 hours Elevation: 470 meters

Solar Eclipse Report for 2026

Solar eclipse on 17/02/2026

Sun rise: 7.30

Sun set: 18.02

Time of maximum eclipse: 13.14

Eclipse is annular

Eclipse is visible in the southern hemisphere

Solar eclipse on 12/08/2026

Sun rise: 5.29

Sun set: 19.43

Time of maximum eclipse: 18.50

Eclipse is total

Eclipse is visible in the northern hemisphere

The time of maximum eclipse (above) does not necessarily specify when the eclipse will be maximal when viewed from the specified location.

To see how the eclipse will look at the specified location, run a Planetarium movie of the eclipse.

476 Grange Obs. Latitude: 45°08'32" N Longitude: 7°08'27" E
Local Time = UT + 1,00 hours Elevation: 470 meters

Planet View Info Report for 01/01/2026 to 31/12/2026

Mercury

Date	Rise	Set	RA	Dec	Elongation	Ill Fr	DIST(AU)
01/01/2026	7.26	16.02	17h54m08s	-24°00'17"	11°55'26"	0,949	1,37765
08/01/2026	7.48	16.21	18h41m41s	-24°21'59"	8°18'48"	0,976	1,41720
15/01/2026	8.05	16.46	19h30m28s	-23°37'07"	4°33'28"	0,993	1,43041
22/01/2026	8.17	17.19	20h19m51s	-21°40'42"	2°04'26"	0,998	1,41591
29/01/2026	8.23	17.57	21h09m10s	-18°30'02"	5°30'45"	0,986	1,36908
05/02/2026	8.23	18.37	21h57m23s	-14°07'32"	10°30'03"	0,933	1,28148
12/02/2026	8.17	19.16	22h41m49s	-8°51'21"	15°21'30"	0,795	1,14338
19/02/2026	8.02	19.41	23h15m48s	-3°40'03"	18°05'27"	0,531	0,95889
26/02/2026	7.34	19.35	23h28m21s	-0°27'04"	15°23'49"	0,214	0,77100
05/03/2026	6.54	18.48	23h14m39s	-0°52'52"	6°03'12"	0,022	0,64687
12/03/2026	6.16	17.44	22h50m37s	-4°03'54"	9°27'53"	0,045	0,62017
19/03/2026	5.49	16.56	22h38m55s	-6°59'50"	19°47'41"	0,190	0,66958
26/03/2026	5.32	16.32	22h45m25s	-8°06'44"	25°37'25"	0,343	0,75642
02/04/2026	5.22	16.29	23h05m25s	-7°25'08"	27°43'48"	0,470	0,85626
09/04/2026	5.14	16.40	23h34m06s	-5°15'21"	27°15'50"	0,574	0,95845
16/04/2026	5.08	17.01	0h08m40s	-1°54'33"	24°55'29"	0,666	1,05866
23/04/2026	5.02	17.31	0h48m01s	2°24'08"	21°02'02"	0,757	1,15401
30/04/2026	4.58	18.10	1h32m23s	7°28'24"	15°40'23"	0,852	1,23940
07/05/2026	4.58	18.58	2h22m52s	13°00'42"	8°50'00"	0,946	1,30318
14/05/2026	5.03	19.53	3h20m23s	18°26'38"	0°43'04"	1,000	1,32381
21/05/2026	5.16	20.50	4h22m56s	22°47'26"	7°50'33"	0,948	1,27966
28/05/2026	5.37	21.35	5h24m18s	25°10'16"	15°20'33"	0,798	1,17602
04/06/2026	6.02	22.01	6h18m11s	25°31'25"	20°47'40"	0,628	1,04367
11/06/2026	6.24	22.08	7h01m17s	24°22'55"	23°52'22"	0,476	0,90893
18/06/2026	6.37	21.58	7h31m59s	22°23'08"	24°22'43"	0,342	0,78548
25/06/2026	6.37	21.34	7h48m43s	20°08'14"	21°55'55"	0,216	0,68128
02/07/2026	6.20	20.57	7h50m03s	18°13'09"	16°07'54"	0,102	0,60512
09/07/2026	5.44	20.11	7h37m18s	17°09'29"	7°44'27"	0,023	0,56961
16/07/2026	4.58	19.27	7h18m55s	17°13'47"	6°45'15"	0,019	0,58843
23/07/2026	4.16	18.56	7h08m48s	18°14'30"	14°27'23"	0,110	0,66785
30/07/2026	3.50	18.45	7h16m59s	19°34'18"	18°56'43"	0,284	0,80213
06/08/2026	3.48	18.52	7h46m00s	20°19'28"	18°51'28"	0,521	0,97382
13/08/2026	4.12	19.07	8h32m31s	19°30'29"	14°42'42"	0,775	1,14949
20/08/2026	4.54	19.20	9h27m54s	16°35'20"	8°07'25"	0,946	1,28495
27/08/2026	5.42	19.26	10h22m37s	12°01'18"	1°53'36"	0,998	1,35806
03/09/2026	6.26	19.25	11h12m21s	6°40'57"	6°05'01"	0,981	1,37817
10/09/2026	7.06	19.20	11h57m04s	1°11'53"	11°33'38"	0,940	1,36180
17/09/2026	7.40	19.11	12h37m58s	-4°05'28"	16°11'35"	0,892	1,31975
24/09/2026	8.11	19.02	13h16m03s	-8°59'24"	19°59'04"	0,838	1,25716
01/10/2026	8.37	18.51	13h51m45s	-13°21'00"	22°54'29"	0,772	1,17569
08/10/2026	8.58	18.40	14h24m35s	-17°00'16"	24°45'57"	0,686	1,07543
15/10/2026	9.11	18.27	14h52m19s	-19°41'54"	24°59'38"	0,563	0,95707
22/10/2026	9.05	18.10	15h09m15s	-20°56'54"	22°14'58"	0,379	0,82715
29/10/2026	8.26	17.43	15h05m03s	-19°47'56"	13°59'23"	0,138	0,71172
05/11/2026	7.09	17.06	14h36m33s	-15°33'04"	0°57'47"	0,001	0,67562
12/11/2026	6.04	16.35	14h14m25s	-11°36'33"	14°25'48"	0,200	0,77377
19/11/2026	5.47	16.17	14h23m16s	-11°42'12"	19°26'07"	0,527	0,94964
26/11/2026	6.02	16.08	14h53m00s	-14°24'05"	18°44'44"	0,752	1,11944
03/12/2026	6.28	16.04	15h31m52s	-17°44'09"	15°53'27"	0,874	1,25215
10/12/2026	6.58	16.06	16h14m55s	-20°45'55"	12°23'11"	0,938	1,34636
17/12/2026	7.28	16.13	17h00m27s	-23°05'05"	8°43'25"	0,973	1,40704
24/12/2026	7.55	16.26	17h47m51s	-24°29'07"	5°03'08"	0,991	1,43835
31/12/2026	8.18	16.46	18h36m38s	-24°49'40"	1°55'36"	0,999	1,44213

Venus

Date	Rise	Set	RA	Dec	Elongation	Ill Fr	DIST(AU)
01/01/2026	8.10	16.50	18h40m16s	-23°37'29"	1°26'47"	1,000	1,70996
08/01/2026	8.17	17.04	19h18m32s	-22°58'36"	0°49'15"	1,000	1,71096
15/01/2026	8.21	17.21	19h56m16s	-21°45'12"	2°13'11"	0,999	1,71007
22/01/2026	8.21	17.39	20h33m12s	-19°59'46"	3°50'43"	0,998	1,70723
29/01/2026	8.19	17.58	21h09m09s	-17°45'44"	5°29'55"	0,996	1,70241
05/02/2026	8.14	18.17	21h44m05s	-15°07'07"	7°09'38"	0,993	1,69567
12/02/2026	8.07	18.37	22h18m01s	-12°08'12"	8°49'31"	0,989	1,68698
19/02/2026	7.59	18.56	22h51m07s	-8°53'22"	10°29'35"	0,984	1,67624
26/02/2026	7.50	19.15	23h23m32s	-5°27'07"	12°09'59"	0,979	1,66335
05/03/2026	7.40	19.34	23h55m28s	-1°53'49"	13°50'47"	0,972	1,64831
12/03/2026	7.29	19.52	0h27m10s	1°42'20"	15°31'53"	0,965	1,63109
19/03/2026	7.19	20.11	0h58m52s	5°17'07"	17°13'16"	0,957	1,61159
26/03/2026	7.09	20.30	1h30m50s	8°46'20"	18°55'02"	0,947	1,58967
02/04/2026	7.00	20.49	2h03m15s	12°05'41"	20°37'09"	0,937	1,56532
09/04/2026	6.52	21.08	2h36m19s	15°10'56"	22°19'24"	0,925	1,53855
16/04/2026	6.45	21.27	3h10m10s	17°57'52"	24°01'34"	0,912	1,50931
23/04/2026	6.41	21.46	3h44m53s	20°22'17"	25°43'35"	0,897	1,47752
30/04/2026	6.39	22.04	4h20m26s	22°20'14"	27°25'15"	0,882	1,44318
07/05/2026	6.40	22.20	4h56m41s	23°48'15"	29°06'08"	0,865	1,40642
14/05/2026	6.44	22.34	5h33m25s	24°43'39"	30°45'48"	0,847	1,36729
21/05/2026	6.51	22.45	6h10m20s	25°04'45"	32°24'00"	0,828	1,32580
28/05/2026	7.02	22.52	6h47m04s	24°51'02"	34°00'21"	0,808	1,28205
04/06/2026	7.15	22.56	7h23m13s	24°03'17"	35°34'13"	0,786	1,23622
11/06/2026	7.30	22.56	7h58m31s	22°43'25"	37°04'54"	0,763	1,18851
18/06/2026	7.46	22.53	8h32m42s	20°54'16"	38°31'55"	0,739	1,13904
25/06/2026	8.02	22.46	9h05m37s	18°39'24"	39°54'38"	0,714	1,08794
02/07/2026	8.18	22.38	9h37m11s	16°02'48"	41°12'04"	0,687	1,03545
09/07/2026	8.34	22.27	10h07m25s	13°08'30"	42°23'05"	0,660	0,98185
16/07/2026	8.49	22.15	10h36m22s	10°00'29"	43°26'41"	0,631	0,92732
23/07/2026	9.03	22.01	11h04m08s	6°42'44"	44°21'33"	0,600	0,87201
30/07/2026	9.16	21.46	11h30m46s	3°19'11"	45°05'48"	0,569	0,81616
06/08/2026	9.27	21.30	11h56m17s	-0°06'28"	45°36'59"	0,535	0,76010
13/08/2026	9.38	21.13	12h20m45s	-3°30'44"	45°52'21"	0,499	0,70407
20/08/2026	9.47	20.56	12h44m03s	-6°50'02"	45°48'22"	0,461	0,64830
27/08/2026	9.54	20.37	13h05m59s	-10°00'32"	45°19'49"	0,419	0,59310
03/09/2026	9.59	20.17	13h26m11s	-12°58'18"	44°19'39"	0,375	0,53898
10/09/2026	10.01	19.55	13h44m07s	-15°39'09"	42°38'58"	0,325	0,48650
17/09/2026	9.59	19.31	13h58m56s	-17°57'56"	40°05'56"	0,272	0,43634
24/09/2026	9.50	19.05	14h09m28s	-19°47'36"	36°24'35"	0,213	0,38952
01/10/2026	9.33	18.37	14h14m18s	-20°58'18"	31°16'12"	0,150	0,34761
08/10/2026	9.04	18.05	14h12m19s	-21°17'11"	24°25'44"	0,089	0,31271
15/10/2026	8.23	17.33	14h03m23s	-20°31'01"	15°58'35"	0,037	0,28734
22/10/2026	7.33	17.01	13h49m32s	-18°36'11"	7°39'46"	0,008	0,27418
29/10/2026	6.38	16.32	13h35m08s	-15°53'24"	9°31'17"	0,013	0,27507
05/11/2026	5.49	16.07	13h24m57s	-13°05'57"	18°28'22"	0,050	0,28982
12/11/2026	5.09	15.46	13h21m39s	-10°53'55"	26°45'13"	0,107	0,31633
19/11/2026	4.40	15.28	13h25m33s	-9°35'56"	33°19'32"	0,171	0,35181
26/11/2026	4.21	15.12	13h35m42s	-9°12'25"	38°12'43"	0,235	0,39376
03/12/2026	4.11	14.58	13h50m54s	-9°34'49"	41°41'16"	0,294	0,44013
10/12/2026	4.06	14.46	14h10m03s	-10°31'48"	44°03'54"	0,348	0,48939
17/12/2026	4.07	14.35	14h32m16s	-11°52'24"	45°36'22"	0,397	0,54051
24/12/2026	4.11	14.25	14h57m01s	-13°27'08"	46°30'15"	0,441	0,59285
31/12/2026	4.17	14.17	15h23m55s	-15°07'44"	46°54'12"	0,482	0,64585

Mars

Date	Rise	Set	RA	Dec	Elongation	Ill Fr	DIST(AU)
01/01/2026	8.25	17.03	18h55m33s	-23°43'19"	2°18'14"	1,000	2,41072
08/01/2026	8.18	17.02	19h18m52s	-23°08'41"	1°00'17"	1,000	2,40480
15/01/2026	8.09	17.02	19h42m05s	-22°21'15"	1°39'38"	1,000	2,39808
22/01/2026	8.00	17.02	20h05m08s	-21°21'27"	3°11'54"	1,000	2,39060
29/01/2026	7.49	17.04	20h27m56s	-20°09'59"	4°48'17"	0,999	2,38245
05/02/2026	7.37	17.05	20h50m26s	-18°47'39"	6°24'08"	0,998	2,37382
12/02/2026	7.25	17.07	21h12m38s	-17°15'21"	7°58'46"	0,998	2,36479
19/02/2026	7.11	17.09	21h34m29s	-15°34'05"	9°32'01"	0,997	2,35537
26/02/2026	6.57	17.11	21h56m01s	-13°45'00"	11°03'42"	0,995	2,34559
05/03/2026	6.42	17.13	22h17m12s	-11°49'16"	12°33'50"	0,994	2,33559
12/03/2026	6.27	17.14	22h38m06s	-9°47'58"	14°02'40"	0,992	2,32542
19/03/2026	6.11	17.16	22h58m43s	-7°42'17"	15°30'27"	0,991	2,31501
26/03/2026	5.55	17.18	23h19m06s	-5°33'25"	16°57'18"	0,989	2,30435
02/04/2026	5.39	17.19	23h39m16s	-3°22'34"	18°23'16"	0,987	2,29350
09/04/2026	5.23	17.20	23h59m18s	-1°10'46"	19°48'42"	0,985	2,28245
16/04/2026	5.06	17.21	0h19m13s	1°00'51"	21°13'58"	0,982	2,27111
23/04/2026	4.50	17.22	0h39m04s	3°11'13"	22°39'17"	0,980	2,25937
30/04/2026	4.33	17.23	0h58m54s	5°19'16"	24°04'47"	0,978	2,24722
07/05/2026	4.17	17.24	1h18m45s	7°24'01"	25°30'45"	0,975	2,23463
14/05/2026	4.01	17.25	1h38m39s	9°24'34"	26°57'38"	0,972	2,22147
21/05/2026	3.45	17.25	1h58m38s	11°19'58"	28°25'44"	0,970	2,20756
28/05/2026	3.30	17.26	2h18m44s	13°09'20"	29°55'10"	0,967	2,19285
04/06/2026	3.15	17.26	2h38m56s	14°51'51"	31°26'11"	0,964	2,17730
11/06/2026	3.01	17.26	2h59m17s	16°26'51"	32°59'13"	0,961	2,16074
18/06/2026	2.47	17.25	3h19m45s	17°53'36"	34°34'38"	0,957	2,14297
25/06/2026	2.34	17.25	3h40m20s	19°11'30"	36°12'33"	0,954	2,12392
02/07/2026	2.21	17.23	4h01m01s	20°20'04"	37°53'10"	0,951	2,10354
09/07/2026	2.09	17.21	4h21m46s	21°18'55"	39°36'52"	0,947	2,08166
16/07/2026	1.58	17.19	4h42m32s	22°07'45"	41°24'04"	0,944	2,05811
23/07/2026	1.48	17.15	5h03m16s	22°46'24"	43°14'57"	0,940	2,03278
30/07/2026	1.39	17.11	5h23m56s	23°14'51"	45°09'37"	0,937	2,00565
06/08/2026	1.30	17.05	5h44m27s	23°33'11"	47°08'26"	0,933	1,97661
13/08/2026	1.22	16.58	6h04m47s	23°41'38"	49°11'52"	0,929	1,94548
20/08/2026	1.14	16.51	6h24m50s	23°40'32"	51°20'11"	0,925	1,91219
27/08/2026	1.07	16.42	6h44m35s	23°30'21"	53°33'30"	0,922	1,87675
03/09/2026	1.01	16.32	7h03m57s	23°11'41"	55°52'09"	0,918	1,83911
10/09/2026	0.55	16.21	7h22m54s	22°45'09"	58°16'41"	0,914	1,79916
17/09/2026	0.48	16.09	7h41m22s	22°11'33"	60°47'32"	0,911	1,75686
24/09/2026	0.42	15.55	7h59m19s	21°31'41"	63°24'54"	0,908	1,71229
01/10/2026	0.36	15.41	8h16m43s	20°46'25"	66°09'11"	0,905	1,66550
08/10/2026	0.29	15.26	8h33m33s	19°56'39"	69°01'07"	0,902	1,61644
15/10/2026	0.22	15.11	8h49m45s	19°03'25"	72°01'25"	0,899	1,56517
22/10/2026	0.15	14.54	9h05m18s	18°07'43"	75°10'36"	0,897	1,51188
29/10/2026	0.06	14.37	9h20m09s	17°10'34"	78°29'16"	0,895	1,45673
05/11/2026	23.56	14.19	9h34m17s	16°13'04"	81°58'35"	0,895	1,39982
12/11/2026	23.46	14.00	9h47m36s	15°16'24"	85°39'55"	0,894	1,34134
19/11/2026	23.35	13.41	10h00m03s	14°21'49"	89°34'27"	0,895	1,28164
26/11/2026	23.22	13.21	10h11m33s	13°30'32"	93°43'28"	0,897	1,22110
03/12/2026	23.08	13.00	10h22m01s	12°43'53"	98°09'04"	0,900	1,16002
10/12/2026	22.53	12.39	10h31m17s	12°03'24"	102°53'52"	0,904	1,09886
17/12/2026	22.35	12.17	10h39m11s	11°30'40"	108°00'26"	0,910	1,03827
24/12/2026	22.15	11.54	10h45m33s	11°07'13"	113°31'25"	0,918	0,97900
31/12/2026	21.53	11.30	10h50m11s	10°54'37"	119°30'17"	0,927	0,92177

Jupiter

Date	Rise	Set	RA	Dec	Elongation	Ill Fr	DIST(AU)
01/01/2026	17.39	8.59	7h32m32s	21°58'50"	169°12'48"	1,000	4,24138
08/01/2026	17.06	8.29	7h28m34s	22°08'23"	177°16'02"	1,000	4,23068
15/01/2026	16.34	7.58	7h24m33s	22°17'37"	174°38'19"	1,000	4,23551
22/01/2026	16.02	7.27	7h20m37s	22°26'14"	166°35'40"	1,000	4,25587
29/01/2026	15.30	6.57	7h16m56s	22°33'58"	158°37'04"	0,999	4,29131
05/02/2026	14.59	6.27	7h13m38s	22°40'38"	150°44'39"	0,998	4,34094
12/02/2026	14.28	5.57	7h10m48s	22°46'10"	142°59'50"	0,997	4,40368
19/02/2026	13.58	5.27	7h08m32s	22°50'30"	135°23'58"	0,996	4,47831
26/02/2026	13.28	4.59	7h06m55s	22°53'38"	127°58'21"	0,994	4,56326
05/03/2026	13.00	4.30	7h05m58s	22°55'35"	120°43'44"	0,993	4,65686
12/03/2026	12.32	4.03	7h05m42s	22°56'23"	113°40'08"	0,992	4,75748
19/03/2026	12.05	3.35	7h06m08s	22°56'05"	106°47'29"	0,992	4,86354
26/03/2026	11.39	3.09	7h07m14s	22°54'39"	100°05'51"	0,991	4,97337
02/04/2026	11.13	2.43	7h08m59s	22°52'07"	93°35'03"	0,991	5,08535
09/04/2026	10.48	2.17	7h11m20s	22°48'28"	87°14'19"	0,991	5,19808
16/04/2026	10.24	1.52	7h14m15s	22°43'42"	81°02'56"	0,991	5,31025
23/04/2026	10.01	1.28	7h17m41s	22°37'45"	75°00'25"	0,991	5,42057
30/04/2026	9.38	1.04	7h21m36s	22°30'37"	69°06'18"	0,992	5,52782
07/05/2026	9.15	0.40	7h25m55s	22°22'16"	63°19'44"	0,993	5,63101
14/05/2026	8.53	0.16	7h30m38s	22°12'40"	57°39'47"	0,993	5,72928
21/05/2026	8.32	23.49	7h35m41s	22°01'47"	52°05'52"	0,994	5,82172
28/05/2026	8.11	23.26	7h41m01s	21°49'38"	46°37'31"	0,995	5,90753
04/06/2026	7.50	23.03	7h46m36s	21°36'12"	41°14'00"	0,996	5,98611
11/06/2026	7.29	22.40	7h52m24s	21°21'29"	35°54'26"	0,997	6,05694
18/06/2026	7.09	22.17	7h58m23s	21°05'31"	30°38'11"	0,998	6,11947
25/06/2026	6.49	21.54	8h04m30s	20°48'19"	25°24'52"	0,998	6,17318
02/07/2026	6.29	21.31	8h10m44s	20°29'56"	20°13'54"	0,999	6,21781
09/07/2026	6.10	21.08	8h17m03s	20°10'27"	15°04'29"	0,999	6,25309
16/07/2026	5.50	20.45	8h23m24s	19°49'54"	9°56'03"	1,000	6,27874
23/07/2026	5.31	20.22	8h29m47s	19°28'24"	4°48'35"	1,000	6,29453
30/07/2026	5.11	20.00	8h36m10s	19°06'03"	0°35'20"	1,000	6,30040
06/08/2026	4.52	19.36	8h42m31s	18°42'58"	5°31'07"	1,000	6,29637
13/08/2026	4.33	19.13	8h48m48s	18°19'15"	10°40'51"	1,000	6,28238
20/08/2026	4.13	18.50	8h55m00s	17°55'05"	15°52'48"	0,999	6,25844
27/08/2026	3.54	18.27	9h01m05s	17°30'37"	21°07'05"	0,999	6,22477
03/09/2026	3.34	18.03	9h07m02s	17°06'01"	26°24'17"	0,998	6,18162
10/09/2026	3.14	17.39	9h12m49s	16°41'29"	31°45'10"	0,997	6,12921
17/09/2026	2.54	17.16	9h18m24s	16°17'13"	37°10'12"	0,997	6,06785
24/09/2026	2.34	16.52	9h23m45s	15°53'26"	42°39'45"	0,996	5,99804
01/10/2026	2.13	16.27	9h28m51s	15°30'23"	48°14'24"	0,995	5,92038
08/10/2026	1.52	16.03	9h33m40s	15°08'18"	53°54'59"	0,994	5,83539
15/10/2026	1.30	15.38	9h38m10s	14°47'27"	59°42'06"	0,993	5,74377
22/10/2026	1.08	15.13	9h42m18s	14°28'08"	65°36'05"	0,993	5,64641
29/10/2026	0.46	14.48	9h46m02s	14°10'34"	71°37'27"	0,992	5,54429
05/11/2026	0.23	14.23	9h49m20s	13°55'05"	77°47'03"	0,992	5,43839
12/11/2026	23.56	13.57	9h52m10s	13°41'55"	84°05'30"	0,991	5,32983
19/11/2026	23.31	13.31	9h54m30s	13°31'23"	90°33'05"	0,991	5,21997
26/11/2026	23.06	13.05	9h56m17s	13°23'41"	97°10'06"	0,991	5,11026
03/12/2026	22.40	12.38	9h57m30s	13°19'02"	103°57'08"	0,992	5,00211
10/12/2026	22.13	12.11	9h58m07s	13°17'35"	110°54'35"	0,992	4,89709
17/12/2026	21.45	11.44	9h58m07s	13°19'26"	118°02'20"	0,993	4,79693
24/12/2026	21.16	11.16	9h57m30s	13°24'34"	125°20'01"	0,994	4,70339
31/12/2026	20.47	10.48	9h56m17s	13°32'53"	132°47'23"	0,995	4,61805

Saturn

Date	Rise	Set	RA	Dec	Elongation	Ill Fr	DIST(AU)
01/01/2026	11.48	23.24	23h49m33s	-3°35'45"	75°36'34"	0,998	9,73812
08/01/2026	11.21	22.59	23h51m09s	-3°23'57"	68°55'38"	0,998	9,84856
15/01/2026	10.55	22.34	23h53m00s	-3°10'33"	62°18'56"	0,998	9,95421
22/01/2026	10.28	22.09	23h55m06s	-2°55'40"	55°46'24"	0,998	10,05368
29/01/2026	10.02	21.45	23h57m25s	-2°39'30"	49°18'08"	0,998	10,14566
05/02/2026	9.36	21.22	23h59m56s	-2°22'11"	42°53'59"	0,999	10,22910
12/02/2026	9.10	20.58	0h02m36s	-2°03'55"	36°33'32"	0,999	10,30312
19/02/2026	8.44	20.35	0h05m26s	-1°44'49"	30°16'36"	0,999	10,36685
26/02/2026	8.18	20.11	0h08m23s	-1°25'06"	24°03'19"	1,000	10,41954
05/03/2026	7.52	19.48	0h11m26s	-1°04'54"	17°53'55"	1,000	10,46070
12/03/2026	7.26	19.25	0h14m34s	-0°44'24"	11°49'05"	1,000	10,49002
19/03/2026	7.00	19.02	0h17m44s	-0°23'45"	5°54'36"	1,000	10,50717
26/03/2026	6.35	18.39	0h20m56s	-0°03'07"	2°12'00"	1,000	10,51197
02/04/2026	6.09	18.16	0h24m08s	0°17'20"	6°56'42"	1,000	10,50449
09/04/2026	5.43	17.53	0h27m19s	0°37'27"	12°48'56"	1,000	10,48491
16/04/2026	5.18	17.30	0h30m27s	0°57'07"	18°46'26"	1,000	10,45343
23/04/2026	4.52	17.07	0h33m32s	1°16'09"	24°45'11"	1,000	10,41034
30/04/2026	4.26	16.43	0h36m31s	1°34'25"	30°44'25"	0,999	10,35622
07/05/2026	4.00	16.20	0h39m23s	1°51'46"	36°44'21"	0,999	10,29169
14/05/2026	3.34	15.56	0h42m08s	2°08'07"	42°45'29"	0,999	10,21738
21/05/2026	3.08	15.32	0h44m44s	2°23'17"	48°48'12"	0,998	10,13402
28/05/2026	2.42	15.08	0h47m09s	2°37'10"	54°52'39"	0,998	10,04259
04/06/2026	2.16	14.44	0h49m22s	2°49'38"	60°59'19"	0,998	9,94413
11/06/2026	1.50	14.19	0h51m23s	3°00'36"	67°08'53"	0,998	9,83962
18/06/2026	1.24	13.54	0h53m09s	3°09'58"	73°21'53"	0,997	9,73018
25/06/2026	0.57	13.28	0h54m40s	3°17'36"	79°38'29"	0,997	9,61716
02/07/2026	0.30	13.02	0h55m56s	3°23'27"	85°59'02"	0,997	9,50190
09/07/2026	0.04	12.36	0h56m54s	3°27'27"	92°24'11"	0,997	9,38572
16/07/2026	23.33	12.09	0h57m34s	3°29'34"	98°54'25"	0,997	9,27005
23/07/2026	23.05	11.42	0h57m56s	3°29'45"	105°29'47"	0,997	9,15646
30/07/2026	22.38	11.14	0h58m00s	3°28'01"	112°10'23"	0,998	9,04654
06/08/2026	22.11	10.46	0h57m45s	3°24'24"	118°56'32"	0,998	8,94173
13/08/2026	21.43	10.18	0h57m12s	3°18'58"	125°48'29"	0,998	8,84358
20/08/2026	21.15	9.49	0h56m21s	3°11'49"	132°45'58"	0,998	8,75366
27/08/2026	20.47	9.20	0h55m14s	3°03'05"	139°48'31"	0,999	8,67345
03/09/2026	20.19	8.50	0h53m52s	2°52'59"	146°55'51"	0,999	8,60420
10/09/2026	19.50	8.20	0h52m17s	2°41'42"	154°07'31"	0,999	8,54711
17/09/2026	19.22	7.50	0h50m31s	2°29'32"	161°22'03"	1,000	8,50331
24/09/2026	18.53	7.20	0h48m38s	2°16'47"	168°35'39"	1,000	8,47362
01/10/2026	18.25	6.50	0h46m39s	2°03'46"	175°25'49"	1,000	8,45856
08/10/2026	17.56	6.19	0h44m38s	1°50'49"	175°21'37"	1,000	8,45846
15/10/2026	17.27	5.49	0h42m38s	1°38'16"	168°27'05"	1,000	8,47346
22/10/2026	16.59	5.19	0h40m42s	1°26'30"	161°06'50"	1,000	8,50333
29/10/2026	16.30	4.49	0h38m55s	1°15'48"	153°42'57"	0,999	8,54747
05/11/2026	16.02	4.19	0h37m17s	1°06'28"	146°18'49"	0,999	8,60512
12/11/2026	15.33	3.49	0h35m52s	0°58'43"	138°55'57"	0,999	8,67535
19/11/2026	15.05	3.20	0h34m43s	0°52'49"	131°35'38"	0,998	8,75689
26/11/2026	14.37	2.52	0h33m51s	0°48'52"	124°18'42"	0,998	8,84824
03/12/2026	14.09	2.23	0h33m16s	0°46'59"	117°05'26"	0,998	8,94788
10/12/2026	13.41	1.56	0h33m01s	0°47'14"	109°56'09"	0,998	9,05425
17/12/2026	13.13	1.28	0h33m05s	0°49'38"	102°51'28"	0,997	9,16556
24/12/2026	12.46	1.02	0h33m29s	0°54'09"	95°51'44"	0,997	9,28000
31/12/2026	12.19	0.35	0h34m13s	1°00'43"	88°56'51"	0,997	9,39588

Uranus

Date	Rise	Set	RA	Dec	Elongation	Ill Fr	DIST(AU)
01/01/2026	14.02	4.58	3h42m55s	19°30'37"	137°21'37"	1,000	18,75784
08/01/2026	13.34	4.30	3h42m11s	19°28'23"	130°03'14"	1,000	18,84401
15/01/2026	13.06	4.01	3h41m36s	19°26'37"	122°46'58"	1,000	18,93994
22/01/2026	12.39	3.33	3h41m12s	19°25'23"	115°33'18"	0,999	19,04408
29/01/2026	12.11	3.06	3h40m57s	19°24'43"	108°22'48"	0,999	19,15465
05/02/2026	11.43	2.38	3h40m53s	19°24'38"	101°15'47"	0,999	19,26984
12/02/2026	11.16	2.11	3h41m00s	19°25'08"	94°12'11"	0,999	19,38793
19/02/2026	10.49	1.44	3h41m17s	19°26'13"	87°12'06"	0,999	19,50714
26/02/2026	10.21	1.17	3h41m45s	19°27'53"	80°15'55"	0,999	19,62562
05/03/2026	9.54	0.50	3h42m23s	19°30'05"	73°23'45"	0,999	19,74162
12/03/2026	9.27	0.23	3h43m11s	19°32'48"	66°35'21"	0,999	19,85360
19/03/2026	9.01	23.53	3h44m08s	19°35'59"	59°50'31"	1,000	19,96003
26/03/2026	8.34	23.27	3h45m13s	19°39'36"	53°09'22"	1,000	20,05942
02/04/2026	8.07	23.01	3h46m26s	19°43'35"	46°31'53"	1,000	20,15047
09/04/2026	7.41	22.35	3h47m46s	19°47'52"	39°57'43"	1,000	20,23213
16/04/2026	7.14	22.10	3h49m12s	19°52'26"	33°26'26"	1,000	20,30342
23/04/2026	6.48	21.44	3h50m43s	19°57'13"	26°57'56"	1,000	20,36340
30/04/2026	6.21	21.19	3h52m18s	20°02'08"	20°32'07"	1,000	20,41139
07/05/2026	5.55	20.53	3h53m56s	20°07'09"	14°08'35"	1,000	20,44696
14/05/2026	5.29	20.28	3h55m37s	20°12'13"	7°46'47"	1,000	20,46972
21/05/2026	5.03	20.02	3h57m19s	20°17'17"	1°26'48"	1,000	20,47936
28/05/2026	4.36	19.37	3h59m02s	20°22'17"	4°53'01"	1,000	20,47583
04/06/2026	4.10	19.11	4h00m43s	20°27'10"	11°11'09"	1,000	20,45928
11/06/2026	3.44	18.46	4h02m24s	20°31'56"	17°29'05"	1,000	20,42993
18/06/2026	3.18	18.20	4h04m01s	20°36'30"	23°47'11"	1,000	20,38804
25/06/2026	2.51	17.55	4h05m36s	20°40'50"	30°05'34"	1,000	20,33415
02/07/2026	2.25	17.29	4h07m06s	20°44'55"	36°24'35"	1,000	20,26897
09/07/2026	1.58	17.03	4h08m30s	20°48'43"	42°44'51"	1,000	20,19324
16/07/2026	1.32	16.37	4h09m49s	20°52'12"	49°06'52"	1,000	20,10777
23/07/2026	1.05	16.11	4h11m01s	20°55'20"	55°30'46"	1,000	20,01360
30/07/2026	0.39	15.45	4h12m05s	20°58'07"	61°56'45"	0,999	19,91195
06/08/2026	0.12	15.19	4h13m00s	21°00'30"	68°25'23"	0,999	19,80401
13/08/2026	23.41	14.52	4h13m47s	21°02'30"	74°57'09"	0,999	19,69104
20/08/2026	23.14	14.25	4h14m24s	21°04'04"	81°32'09"	0,999	19,57452
27/08/2026	22.47	13.58	4h14m52s	21°05'13"	88°10'25"	0,999	19,45604
03/09/2026	22.19	13.31	4h15m09s	21°05'56"	94°52'20"	0,999	19,33714
10/09/2026	21.52	13.04	4h15m15s	21°06'13"	101°38'16"	0,999	19,21935
17/09/2026	21.24	12.36	4h15m11s	21°06'03"	108°28'15"	0,999	19,10440
24/09/2026	20.57	12.08	4h14m57s	21°05'28"	115°22'04"	0,999	18,99403
01/10/2026	20.29	11.40	4h14m32s	21°04'26"	122°19'47"	1,000	18,88982
08/10/2026	20.01	11.12	4h13m58s	21°03'01"	129°21'36"	1,000	18,79333
15/10/2026	19.33	10.43	4h13m14s	21°01'12"	136°27'21"	1,000	18,70612
22/10/2026	19.05	10.15	4h12m23s	20°59'02"	143°36'34"	1,000	18,62971
29/10/2026	18.36	9.46	4h11m24s	20°56'33"	150°48'57"	1,000	18,56528
05/11/2026	18.08	9.17	4h10m19s	20°53'48"	158°04'25"	1,000	18,51391
12/11/2026	17.39	8.48	4h09m10s	20°50'49"	165°22'39"	1,000	18,47657
19/11/2026	17.11	8.19	4h07m58s	20°47'40"	172°42'53"	1,000	18,45400
26/11/2026	16.43	7.50	4h06m44s	20°44'25"	179°49'58"	1,000	18,44654
03/12/2026	16.14	7.21	4h05m30s	20°41'10"	172°32'20"	1,000	18,45434
10/12/2026	15.46	6.52	4h04m18s	20°37'56"	165°08'44"	1,000	18,47737
17/12/2026	15.17	6.23	4h03m09s	20°34'51"	157°45'10"	1,000	18,51529
24/12/2026	14.49	5.55	4h02m04s	20°31'57"	150°22'23"	1,000	18,56737
31/12/2026	14.21	5.26	4h01m06s	20°29'19"	143°00'43"	1,000	18,63271

Neptune

Date	Rise	Set	RA	Dec	Elongation	Ill Fr	DIST(AU)
01/01/2026	11.50	23.43	0h00m20s	-1°24'56"	78°56'34"	1,000	30,05788
08/01/2026	11.23	23.16	0h00m42s	-1°22'18"	71°54'50"	1,000	30,17535
15/01/2026	10.55	22.49	0h01m10s	-1°19'03"	64°54'39"	1,000	30,28834
22/01/2026	10.28	22.22	0h01m42s	-1°15'14"	57°56'10"	1,000	30,39517
29/01/2026	10.01	21.56	0h02m20s	-1°10'53"	50°59'47"	1,000	30,49423
05/02/2026	9.34	21.29	0h03m03s	-1°06'04"	44°05'34"	1,000	30,58418
12/02/2026	9.07	21.03	0h03m50s	-1°00'51"	37°13'19"	1,000	30,66387
19/02/2026	8.40	20.37	0h04m40s	-0°55'16"	30°23'04"	1,000	30,73217
26/02/2026	8.12	20.10	0h05m33s	-0°49'25"	23°35'06"	1,000	30,78813
05/03/2026	7.45	19.44	0h06m28s	-0°43'21"	16°49'41"	1,000	30,83111
12/03/2026	7.18	19.18	0h07m25s	-0°37'08"	10°07'19"	1,000	30,86065
19/03/2026	6.52	18.52	0h08m23s	-0°30'51"	3°34'19"	1,000	30,87637
26/03/2026	6.25	18.26	0h09m22s	-0°24'33"	3°36'16"	1,000	30,87809
02/04/2026	5.58	18.00	0h10m20s	-0°18'20"	10°05'56"	1,000	30,86592
09/04/2026	5.31	17.34	0h11m17s	-0°12'15"	16°41'47"	1,000	30,84017
16/04/2026	5.04	17.07	0h12m13s	-0°06'21"	23°17'45"	1,000	30,80117
23/04/2026	4.37	16.41	0h13m07s	-0°00'44"	29°53'08"	1,000	30,74945
30/04/2026	4.10	16.15	0h13m58s	0°04'34"	36°27'43"	1,000	30,68583
07/05/2026	3.43	15.48	0h14m46s	0°09'29"	43°01'45"	1,000	30,61123
14/05/2026	3.15	15.22	0h15m30s	0°13'58"	49°35'41"	1,000	30,52659
21/05/2026	2.48	14.55	0h16m10s	0°17'59"	56°09'41"	1,000	30,43302
28/05/2026	2.21	14.28	0h16m46s	0°21'28"	62°43'42"	1,000	30,33183
04/06/2026	1.54	14.02	0h17m16s	0°24'24"	69°18'00"	1,000	30,22443
11/06/2026	1.27	13.35	0h17m41s	0°26'44"	75°53'06"	1,000	30,11215
18/06/2026	0.59	13.08	0h18m01s	0°28'29"	82°29'15"	1,000	29,99645
25/06/2026	0.32	12.40	0h18m15s	0°29'35"	89°06'24"	1,000	29,87899
02/07/2026	0.05	12.13	0h18m23s	0°30'03"	95°44'41"	1,000	29,76137
09/07/2026	23.33	11.46	0h18m26s	0°29'54"	102°24'33"	1,000	29,64511
16/07/2026	23.06	11.18	0h18m22s	0°29'07"	109°06'18"	1,000	29,53179
23/07/2026	22.38	10.50	0h18m13s	0°27'43"	115°49'48"	1,000	29,42309
30/07/2026	22.10	10.22	0h17m58s	0°25'44"	122°35'03"	1,000	29,32058
06/08/2026	21.43	9.54	0h17m38s	0°23'12"	129°22'21"	1,000	29,22564
13/08/2026	21.15	9.26	0h17m13s	0°20'11"	136°11'55"	1,000	29,13966
20/08/2026	20.47	8.58	0h16m43s	0°16'42"	143°03'35"	1,000	29,06404
27/08/2026	20.19	8.29	0h16m10s	0°12'50"	149°57'05"	1,000	28,99995
03/09/2026	19.51	8.01	0h15m33s	0°08'39"	156°52'25"	1,000	28,94829
10/09/2026	19.24	7.33	0h14m54s	0°04'13"	163°49'29"	1,000	28,90993
17/09/2026	18.56	7.04	0h14m13s	-0°00'23"	170°46'51"	1,000	28,88563
24/09/2026	18.28	6.35	0h13m30s	-0°05'03"	177°29'00"	1,000	28,87581
01/10/2026	18.00	6.07	0h12m48s	-0°09'42"	174°49'21"	1,000	28,88062
08/10/2026	17.32	5.38	0h12m05s	-0°14'16"	167°51'10"	1,000	28,90010
15/10/2026	17.04	5.10	0h11m25s	-0°18'38"	160°46'31"	1,000	28,93411
22/10/2026	16.36	4.41	0h10m46s	-0°22'44"	153°39'58"	1,000	28,98217
29/10/2026	16.08	4.13	0h10m10s	-0°26'28"	146°32'23"	1,000	29,04349
05/11/2026	15.40	3.45	0h09m38s	-0°29'47"	139°23'56"	1,000	29,11724
12/11/2026	15.13	3.17	0h09m10s	-0°32'36"	132°14'55"	1,000	29,20237
19/11/2026	14.45	2.49	0h08m47s	-0°34'52"	125°05'53"	1,000	29,29755
26/11/2026	14.17	2.21	0h08m29s	-0°36'32"	117°57'13"	1,000	29,40125
03/12/2026	13.50	1.53	0h08m17s	-0°37'33"	110°48'54"	1,000	29,51193
10/12/2026	13.22	1.25	0h08m10s	-0°37'55"	103°41'05"	1,000	29,62797
17/12/2026	12.54	0.58	0h08m10s	-0°37'36"	96°34'15"	1,000	29,74753
24/12/2026	12.27	0.30	0h08m17s	-0°36'36"	89°28'45"	1,000	29,86872
31/12/2026	11.59	0.03	0h08m29s	-0°34'56"	82°24'36"	1,000	29,98979

Pluto

Date	Rise	Set	RA	Dec	Elongation	Ill Fr	DIST(AU)
01/01/2026	9.49	18.31	20h23m45s	-23°13'19"	22°26'59"	1,000	36,32868
08/01/2026	9.23	18.05	20h24m39s	-23°10'37"	15°40'49"	1,000	36,37246
15/01/2026	8.56	17.39	20h25m35s	-23°07'54"	9°07'56"	1,000	36,40238
22/01/2026	8.29	17.12	20h26m33s	-23°05'12"	4°02'43"	1,000	36,41802
29/01/2026	8.02	16.46	20h27m30s	-23°02'34"	6°39'56"	1,000	36,41924
05/02/2026	7.35	16.20	20h28m27s	-23°00'02"	12°55'32"	1,000	36,40622
12/02/2026	7.09	15.53	20h29m22s	-22°57'38"	19°35'37"	1,000	36,37924
19/02/2026	6.42	15.27	20h30m16s	-22°55'24"	26°21'18"	1,000	36,33871
26/02/2026	6.15	15.00	20h31m08s	-22°53'23"	33°08'37"	1,000	36,28531
05/03/2026	5.48	14.34	20h31m56s	-22°51'37"	39°56'14"	1,000	36,21999
12/03/2026	5.21	14.07	20h32m41s	-22°50'06"	46°43'54"	1,000	36,14377
19/03/2026	4.54	13.40	20h33m22s	-22°48'53"	53°31'32"	1,000	36,05773
26/03/2026	4.27	13.14	20h33m59s	-22°47'58"	60°18'51"	1,000	35,96320
02/04/2026	4.00	12.47	20h34m30s	-22°47'25"	67°05'38"	1,000	35,86170
09/04/2026	3.33	12.19	20h34m57s	-22°47'11"	73°52'04"	1,000	35,75470
16/04/2026	3.06	11.52	20h35m18s	-22°47'19"	80°38'25"	1,000	35,64371
23/04/2026	2.39	11.25	20h35m34s	-22°47'48"	87°24'34"	1,000	35,53040
30/04/2026	2.11	10.58	20h35m43s	-22°48'39"	94°10'22"	1,000	35,41652
07/05/2026	1.44	10.30	20h35m48s	-22°49'50"	100°55'57"	1,000	35,30369
14/05/2026	1.17	10.02	20h35m46s	-22°51'22"	107°41'39"	1,000	35,19350
21/05/2026	0.49	9.34	20h35m39s	-22°53'12"	114°27'27"	1,000	35,08760
28/05/2026	0.22	9.07	20h35m26s	-22°55'19"	121°13'07"	1,000	34,98764
04/06/2026	23.50	8.39	20h35m08s	-22°57'42"	127°58'39"	1,000	34,89504
11/06/2026	23.22	8.10	20h34m45s	-23°00'18"	134°44'17"	1,000	34,81112
18/06/2026	22.55	7.42	20h34m18s	-23°03'05"	141°29'56"	1,000	34,73719
25/06/2026	22.27	7.14	20h33m47s	-23°06'01"	148°14'58"	1,000	34,67445
02/07/2026	21.59	6.46	20h33m13s	-23°09'03"	154°58'40"	1,000	34,62381
09/07/2026	21.31	6.17	20h32m36s	-23°12'09"	161°39'27"	1,000	34,58602
16/07/2026	21.03	5.49	20h31m58s	-23°15'14"	168°11'28"	1,000	34,56178
23/07/2026	20.35	5.20	20h31m17s	-23°18'18"	174°01'43"	1,000	34,55159
30/07/2026	20.07	4.52	20h30m37s	-23°21'16"	174°57'40"	1,000	34,55561
06/08/2026	19.39	4.23	20h29m56s	-23°24'07"	169°33'40"	1,000	34,57383
13/08/2026	19.11	3.55	20h29m16s	-23°26'47"	163°03'45"	1,000	34,60618
20/08/2026	18.43	3.27	20h28m38s	-23°29'15"	156°20'48"	1,000	34,65232
27/08/2026	18.16	2.58	20h28m02s	-23°31'29"	149°33'18"	1,000	34,71162
03/09/2026	17.48	2.30	20h27m29s	-23°33'26"	142°43'24"	1,000	34,78327
10/09/2026	17.20	2.02	20h27m00s	-23°35'05"	135°51'49"	1,000	34,86641
17/09/2026	16.52	1.34	20h26m35s	-23°36'25"	128°59'07"	1,000	34,95997
24/09/2026	16.24	1.06	20h26m15s	-23°37'25"	122°05'48"	1,000	35,06259
01/10/2026	15.56	0.38	20h25m59s	-23°38'04"	115°11'57"	1,000	35,17284
08/10/2026	15.29	0.10	20h25m49s	-23°38'23"	108°17'25"	1,000	35,28929
15/10/2026	15.01	23.39	20h25m45s	-23°38'20"	101°22'20"	1,000	35,41034
22/10/2026	14.34	23.11	20h25m47s	-23°37'56"	94°27'05"	1,000	35,53421
29/10/2026	14.06	22.44	20h25m54s	-23°37'12"	87°31'43"	1,000	35,65916
05/11/2026	13.39	22.17	20h26m08s	-23°36'08"	80°36'05"	1,000	35,78352
12/11/2026	13.12	21.50	20h26m27s	-23°34'46"	73°40'12"	1,000	35,90557
19/11/2026	12.44	21.23	20h26m52s	-23°33'06"	66°44'27"	1,000	36,02349
26/11/2026	12.17	20.56	20h27m23s	-23°31'11"	59°49'01"	1,000	36,13564
03/12/2026	11.50	20.29	20h27m58s	-23°29'01"	52°53'49"	1,000	36,24053
10/12/2026	11.23	20.03	20h28m38s	-23°26'39"	45°58'54"	1,000	36,33672
17/12/2026	10.56	19.36	20h29m22s	-23°24'07"	39°04'47"	1,000	36,42277
24/12/2026	10.29	19.10	20h30m10s	-23°21'26"	32°12'02"	1,000	36,49753
31/12/2026	10.02	18.43	20h31m01s	-23°18'40"	25°21'17"	1,000	36,56009

476 Grange Obs. Latitude: 45°08'32" N Longitude: 7°08'27" E
Local Time = UT + 1,00 hours Elevation: 470 meters

Planet Apsides Report for 2026

Earth

03/01/2026	Perihelion	Distance from Sun:	0,98 AU
05/07/2026	Aphelion	Distance from Sun:	1,02 AU

Mercury

19/02/2026	Perihelion	Distance from Sun:	0,31 AU
18/05/2026	Perihelion	Distance from Sun:	0,31 AU
14/08/2026	Perihelion	Distance from Sun:	0,31 AU
10/11/2026	Perihelion	Distance from Sun:	0,31 AU
06/01/2026	Aphelion	Distance from Sun:	0,47 AU
04/04/2026	Aphelion	Distance from Sun:	0,47 AU
01/07/2026	Aphelion	Distance from Sun:	0,47 AU
27/09/2026	Aphelion	Distance from Sun:	0,47 AU
24/12/2026	Aphelion	Distance from Sun:	0,47 AU

Venus

15/05/2026	Perihelion	Distance from Sun:	0,72 AU
25/12/2026	Perihelion	Distance from Sun:	0,72 AU
22/01/2026	Aphelion	Distance from Sun:	0,73 AU
04/09/2026	Aphelion	Distance from Sun:	0,73 AU

Mars

26/03/2026	Perihelion	Distance from Sun:	1,38 AU
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Jupiter

No Apsis

Saturn

No Apsis

476 Grange Obs. Latitude: 45°08'32" N Longitude: 7°08'27" E
Local Time = UT + 1,00 hours Elevation: 470 meters

Planet Conjunction/Opposition Report for 01/01/2026 to 31/12/2026

Mercury

Date	Hour	Event
22/01/2026	0	Superior Conjunction
07/03/2026	12	Inferior Conjunction
15/05/2026	0	Superior Conjunction
13/07/2026	1	Inferior Conjunction
28/08/2026	0	Superior Conjunction
05/11/2026	0	Inferior Conjunction (Transit)

Venus

Date	Hour	Event
07/01/2026	0	Superior Conjunction
24/10/2026	4	Inferior Conjunction

Mars

Date	Hour	Event
10/01/2026	0	Conjunction

Jupiter

Date	Hour	Event
30/07/2026	0	Conjunction
10/01/2026	9	Opposition

Saturn

Date	Hour	Event
25/03/2026	9	Conjunction
04/10/2026	12	Opposition

Uranus

Date	Hour	Event
23/05/2026	0	Conjunction (Occultation)
26/11/2026	0	Opposition

Neptune

Date	Hour	Event
22/03/2026	12	Conjunction
26/09/2026	3	Opposition

Pluto

Date	Hour	Event
23/01/2026	10	Conjunction
27/07/2026	7	Opposition

Planet Data Report

Planet	Mean Dist From Sun (AU)	Period of Revolution	Inclination	Equatorial Diameter (km)
Mercury	0,39	88 days	7°	4880
Venus	0,72	224,7 days	3,4°	12100
Earth	1,00	365,24 days	0°	12756
Mars	1,52	687 days	1,9°	6794
Jupiter	5,20	11,86 years	1,3°	143200
Saturn	9,54	29,46 years	2,5°	120000
Uranus	19,18	84 years	0,8°	52290
Neptune	30,06	165 years	1,8°	50450
Pluto	39,44	248 years	17,2°	2200-2300

476 Grange Obs. Latitude: 45°08'32" N Longitude: 7°08'27" E
Local Time = UT + 1,00 hours Elevation: 470 meters

Moon Apsides Report for 01/01/2026 to 31/12/2026

Date	Hour	Apsis	Distance (km)	Diameter
01/01/2026	23	Perigee	360355	0,5527°
13/01/2026	22	Apogee	405438	0,4912°
29/01/2026	23	Perigee	365855	0,5444°
10/02/2026	18	Apogee	404591	0,4922°
25/02/2026	0	Perigee	370138	0,5381°
10/03/2026	15	Apogee	404386	0,4925°
22/03/2026	13	Perigee	366860	0,5429°
07/04/2026	9	Apogee	404974	0,4918°
19/04/2026	8	Perigee	361640	0,5507°
05/05/2026	0	Apogee	405859	0,4907°
17/05/2026	15	Perigee	358091	0,5562°
01/06/2026	6	Apogee	406349	0,4901°
15/06/2026	0	Perigee	357215	0,5575°
28/06/2026	8	Apogee	406249	0,4902°
13/07/2026	9	Perigee	359125	0,5546°
25/07/2026	18	Apogee	405576	0,4910°
10/08/2026	12	Perigee	363284	0,5482°
22/08/2026	9	Apogee	404658	0,4922°
06/09/2026	22	Perigee	368251	0,5408°
19/09/2026	4	Apogee	404220	0,4927°
01/10/2026	22	Perigee	369339	0,5392°
17/10/2026	0	Apogee	404651	0,4922°
28/10/2026	19	Perigee	364398	0,5465°
13/11/2026	19	Apogee	405625	0,4910°
25/11/2026	22	Perigee	359346	0,5542°
11/12/2026	8	Apogee	406416	0,4900°
24/12/2026	10	Perigee	356669	0,5584°

476 Grange Obs. Latitude: 45°08'32" N Longitude: 7°08'27" E
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Moon Nodes Report for 01/01/2026 to 31/12/2026

Date	Time	Node	Illuminated Fraction
07/01/2026	12.21	Descending	0,80
22/01/2026	1.02	Ascending	0,11
03/02/2026	20.17	Descending	0,95
18/02/2026	7.18	Ascending	0,01
03/03/2026	5.34	Descending	1,00
17/03/2026	16.21	Ascending	0,02
30/03/2026	12.33	Descending	0,93
14/04/2026	0.42	Ascending	0,15
26/04/2026	15.35	Descending	0,76
11/05/2026	5.35	Ascending	0,36
23/05/2026	16.25	Descending	0,52
07/06/2026	7.18	Ascending	0,61
19/06/2026	18.56	Descending	0,28
04/07/2026	8.50	Ascending	0,83
17/07/2026	1.26	Descending	0,10
31/07/2026	12.53	Ascending	0,96
13/08/2026	10.55	Descending	0,01
27/08/2026	19.46	Ascending	1,00
09/09/2026	20.16	Descending	0,02
24/09/2026	3.39	Ascending	0,93
07/10/2026	2.18	Descending	0,14
21/10/2026	9.52	Ascending	0,76
03/11/2026	4.01	Descending	0,36
17/11/2026	12.48	Ascending	0,51
30/11/2026	4.33	Descending	0,62
14/12/2026	14.03	Ascending	0,25
27/12/2026	8.54	Descending	0,85

476 Grange Obs. Latitude: 45°08'32" N Longitude: 7°08'27" E
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Meteor Showers Report for 01/01/2026 to 31/12/2026

Date	Meteor Shower	ZHR	RA	DEC	Illum. Frac.	Longitude
04/01/2026	Quadrantids	80	15h28m	50°	0,99	283°
12/04/2026	Virginids	5	14h04m	-9°	0,32	22°
23/04/2026	Lyrids	12	18h08m	32°	0,38	33°
29/04/2026	alpha-Scorpiids	5	16h32m	-24°	0,93	38°
06/05/2026	eta-Aquarids	35	22h20m	-1°	0,84	45°
13/05/2026	alpha-Scorpiids	5	16h04m	-24°	0,19	52°
10/06/2026	Ophiuchids	5	17h56m	-23°	0,33	79°
21/06/2026	Ophiuchids	5	17h20m	-20°	0,41	89°
09/07/2026	Capricornids	5			0,37	106°
16/07/2026	Capricornids	5	20h44m	-15°	0,04	113°
21/07/2026	alpha-Cygnids	5	21h00m	48°	0,46	118°
26/07/2026	Capricornids	5	21h00m	-15°	0,89	123°
29/07/2026	delta-Aquarids	20	22h36m	-17°	1,00	126°
01/08/2026	Piscis Australids	5	22h40m	-30°	0,94	128°
03/08/2026	alpha-Capricornids	5	20h36m	-10°	0,81	130°
07/08/2026	iota-Aquarids	8	22h10m	-15°	0,39	134°
13/08/2026	Perseids	75	3h04m	58°	0,00	140°
21/08/2026	alpha-Cygnids	5	21h00m	48°	0,59	148°
09/09/2026	Piscids	10	0h36m	7°	0,06	166°
21/09/2026	Piscids	5	0h24m	0°	0,70	178°
14/10/2026	Piscids	??	1h44m	14°	0,12	200°
23/10/2026	Orionids	25	6h24m	15°	0,88	209°
04/11/2026	Taurids	8	3h44m	14°	0,27	221°
18/11/2026	Leonids	10	10h08m	22°	0,56	235°
09/12/2026	Puppids-Velids	15	9h00m	-48°	0,00	257°
14/12/2026	Geminids	75	7h28m	32°	0,21	262°
23/12/2026	Ursids	5	14h28m	78°	0,98	271°
26/12/2026	Puppids-Velids	15	9h20m	-65°	0,94	274°

476 Grange Obs. Latitude: 45°08'32" N Longitude: 7°08'27" E
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Twilight Report for 01/01/2026 to 31/12/2026

Date	Sun		Astronomical		Nautical		Civil	
	Rise	Set	Begin	End	Begin	End	Begin	End
01/01/2026	8.10	17.00	6.18	18.52	6.54	18.16	7.31	17.39
08/01/2026	8.09	17.07	6.18	18.58	6.54	18.23	7.31	17.46
15/01/2026	8.07	17.15	6.17	19.05	6.52	18.30	7.28	17.54
22/01/2026	8.02	17.25	6.14	19.13	6.48	18.38	7.24	18.02
29/01/2026	7.55	17.35	6.08	19.21	6.43	18.47	7.18	18.11
05/02/2026	7.47	17.45	6.02	19.30	6.36	18.56	7.11	18.21
12/02/2026	7.37	17.55	5.53	19.39	6.27	19.05	7.02	18.30
19/02/2026	7.26	18.05	5.44	19.48	6.17	19.14	6.52	18.39
26/02/2026	7.15	18.14	5.32	19.57	6.06	19.23	6.40	18.49
05/03/2026	7.03	18.24	5.20	20.06	5.55	19.32	6.28	18.58
12/03/2026	6.50	18.33	5.07	20.16	5.42	19.41	6.16	19.07
19/03/2026	6.37	18.42	4.53	20.26	5.28	19.51	6.03	19.16
26/03/2026	6.24	18.51	4.39	20.36	5.15	20.00	5.49	19.26
02/04/2026	6.10	19.00	4.23	20.47	5.00	20.10	5.36	19.35
09/04/2026	5.58	19.09	4.08	20.59	4.46	20.21	5.23	19.44
16/04/2026	5.45	19.18	3.52	21.11	4.32	20.31	5.09	19.54
23/04/2026	5.33	19.27	3.36	21.24	4.18	20.42	4.57	20.04
30/04/2026	5.22	19.36	3.20	21.38	4.05	20.53	4.45	20.13
07/05/2026	5.12	19.45	3.05	21.52	3.52	21.05	4.34	20.23
14/05/2026	5.03	19.53	2.50	22.07	3.40	21.16	4.24	20.32
21/05/2026	4.56	20.01	2.36	22.21	3.30	21.26	4.15	20.41
28/05/2026	4.50	20.08	2.23	22.35	3.22	21.36	4.09	20.49
04/06/2026	4.46	20.14	2.13	22.47	3.15	21.45	4.04	20.56
11/06/2026	4.44	20.19	2.07	22.56	3.12	21.51	4.01	21.01
18/06/2026	4.44	20.22	2.04	23.01	3.11	21.55	4.00	21.05
25/06/2026	4.45	20.23	2.06	23.02	3.12	21.56	4.02	21.06
02/07/2026	4.49	20.22	2.12	22.59	3.17	21.54	4.06	21.05
09/07/2026	4.53	20.20	2.22	22.51	3.23	21.50	4.11	21.02
16/07/2026	4.59	20.15	2.34	22.41	3.32	21.43	4.18	20.57
23/07/2026	5.06	20.09	2.47	22.28	3.41	21.34	4.26	20.49
30/07/2026	5.14	20.01	3.01	22.14	3.52	21.23	4.35	20.40
06/08/2026	5.22	19.52	3.15	21.59	4.02	21.12	4.44	20.30
13/08/2026	5.30	19.42	3.29	21.43	4.13	20.59	4.53	20.19
20/08/2026	5.39	19.30	3.42	21.27	4.24	20.45	5.02	20.07
27/08/2026	5.47	19.18	3.54	21.11	4.34	20.31	5.12	19.54
03/09/2026	5.56	19.05	4.06	20.55	4.44	20.16	5.21	19.40
10/09/2026	6.04	18.52	4.17	20.39	4.54	20.02	5.29	19.27
17/09/2026	6.12	18.39	4.28	20.24	5.03	19.48	5.38	19.13
24/09/2026	6.21	18.25	4.37	20.09	5.12	19.34	5.47	18.59
01/10/2026	6.29	18.12	4.47	19.55	5.21	19.20	5.55	18.46
08/10/2026	6.38	17.59	4.56	19.41	5.30	19.07	6.04	18.33
15/10/2026	6.47	17.47	5.05	19.29	5.39	18.55	6.13	18.21
22/10/2026	6.56	17.35	5.13	19.18	5.47	18.44	6.22	18.10
29/10/2026	7.06	17.24	5.22	19.08	5.56	18.34	6.31	17.59
05/11/2026	7.16	17.14	5.30	18.59	6.05	18.25	6.40	17.50
12/11/2026	7.25	17.05	5.39	18.52	6.13	18.18	6.48	17.42
19/11/2026	7.35	16.59	5.47	18.47	6.21	18.12	6.57	17.36
26/11/2026	7.44	16.53	5.54	18.43	6.29	18.08	7.06	17.32
03/12/2026	7.52	16.50	6.01	18.41	6.36	18.06	7.13	17.29
10/12/2026	7.59	16.49	6.07	18.41	6.43	18.06	7.20	17.28
17/12/2026	8.05	16.50	6.12	18.43	6.48	18.07	7.25	17.30
24/12/2026	8.08	16.54	6.16	18.46	6.52	18.10	7.29	17.33
31/12/2026	8.10	16.59	6.18	18.51	6.54	18.15	7.31	17.38