

2023-24 Astro Events Calendar – Canberra, ACT (35.3° S, 149.1° E)

[Southside Camera Club Inc.](#) – Astro Interest Group

Date	Moon Phase	Moon		Milky Way Galactic Centre Visibility		Milky Way Aspect	Meteor Showers
		Rise ↗ Times	Set ↘	Time: From To	Azimuth / Elevation Azimuth / Elevation		
January 2023							
7	Full	↘5:37am	↗8:57pm				
22	New moon	↗5:59am	↘9:01pm	3:07am 4:31am	127° / Rise (SE) 116° / 14°		
February							
6	Full	↘6:24am	↗8:45pm				
20	New moon	↗6:04am	↘8:11pm	1:13am 5:12am	127° / Rise (SE) 98° / 44°	Vertical	
March							
7	Full	↘6:14am	↗7:42pm				
22	New moon	↗7:18am	↘7:39pm	11:14pm 5:44am	127° / Rise (SE) 70° / 75°	Vertical	
April							
6	Full	↘6:01am	↗5:59pm				
20	New moon	↗6:14am	↘5:35pm	8:21pm 5:07am	127° / Rise (SE) 288° / 74°	Vertical	
20	Partial Solar eclipse						
23	Waxing crescent (8% moon)	↗9:36am	↘7:21pm			Lyrids 14-30 April	Peak 4:10am 6.5 met/hr
May							
6	Full (Penumbral Lunar eclipse)	↘6:59am	↗5:28pm				

Date	Moon Phase	Moon Rise ↗	Moon Set ↘	Milky Way Time: From To	Milky Way Galactic Centre Visibility From To	Milky Way Aspect	Meteor Showers
					Azimuth / Elevation		
20	New moon	↗7:20am	↘5:15pm	6:33pm 5:27am	125° / 2° (SE) 263° / 46°	Vertical	
June							
4	Full	↘7:00am	↗4:47pm				
18	New moon	↗7:15am	↘4:41pm	6:29pm 5:41am	111° / 21° (ESE) 248° / 20°	Vertical	
July							
3	Full	↘6:58am	↗4:29pm				
18	New moon	↗7:41am	↘5:23pm	6:40pm 5:39am	97° / 47° (E) 233° / Set	Vertical to Arch	
August							
2	Supermoon	↘7:29am	↗5:49pm				
16	New moon	↗6:53am	↘5:15pm	6:58pm 3:45am	73° / 73° (ENE) 233° / Set	High Arch	
31	Supermoon	↘6:38am	↗5:54pm				
September							
15	New moon	↗6:15am	↘6:01pm	7:19pm 1:47am	290° / 75° (WNW) 233° / Set	Arch	
29	Full	↘5:37am	↗5:54pm				
October							
15	New moon	↗6:29am	↘7:48pm	8:46pm 12:49am	263° / 45° (W) 233° / Set	Arch	
22	1 st quarter (46% moon)	↘2:04am	↗11:43pm				Orionids 2 Oct-7 Nov
29	Full (Partial Lunar Eclipse)	↘6:02am	↗8:04pm				Peak 4:42am 12.4 met/hr

Date	Moon Phase	Moon Rise ↗ Times	Moon Set ↘	Milky Way Galactic Centre Visibility Time: From To	Azimuth / Elevation Azimuth / Elevation	Milky Way Aspect	Meteor Showers
November							
13	New moon	↗5:26am	↘7:43pm	9:23pm 10:56pm	245° / 16° (SW) 233° / Set	Arch	
19	Waxing crescent (31% moon)	↘12:50am	↗10:46am				Leonids 6-30 Nov Peak 4:05am 2.7 met/hr
27	Full moon	↘5:08am	↗8:04pm				
December							
13	New moon	↗5:20am	↘8:49pm	GC not visible		-	
15	Waxing crescent (3.9% moon)	↗7:22am	↘10:45pm				Geminids 4-17 Dec Peak 3:24am 56.1 met/hr
27	Full	↘5:21am	↗8:55pm				
January 2024							
11	New moon	↗5:01am	↘8:32pm	3:51am 4:16am	127° / Rise (SE) 123° / 4°	Vertical	
26	Full	↘6:11am	↗8:56pm				
February 2024							
10	New moon	↗6:17am	↘8:34pm	1:52am 4:58am	127° / Rise (SE) 104° / 34°	Vertical	
24	Full	↘6:04am	↗7:56pm				

Notes:

- Milky Way (including the Galactic Centre) is generally easily photographed commencing ~5-7 days before (and after) the New Moon. Just check the Moon (brightness/location) in relation to the Milky Way GC position at time of shooting.
- Not sure what is meant by [Azimuth and Elevation](#)?
- For corrections, updates or suggestions please contact Geoff.