

2022 Astro Events Calendar – Canberra (35.3° S, 149.1° E)

Date	Moon Phase	Moon Rise ↗, Set ↘ Times	Milky Way GC Visibility Time From To	Azimuth / Elevation Azimuth / Elevation	Milky Way Aspect	Meteor Showers
January						
3	New moon		Not visible			
18	Full	↘5:49am ↗8:52pm				
February						
1	New moon	↗5:46am ↘8:34pm	2:26am 4:46am	126° / Rise (SE) 109° / 24°	Vertical	
17	Full	↘6:41am ↗8:36pm				
March						
3	New moon	↗6:57am ↘8:15pm	12:28am 5:25am	126° / Rise (SE) 90° / 56°	Vertical	
18	Full	↘6:34am ↗7:34pm				
April						
1	New moon	↗6:51am ↘7:10pm	10:34pm 5:52am	126° / Rise (SE) 29° / 82°	Vertical	
17	Full	↘6:34am ↗6:01pm				
23	Last quarter	↘1:22pm ↗11:15pm				Lyrids 14-30 April Peak 4:10am 3.0 met/hr 58.5% moon
May						
1	New moon	↗6:44am ↘5:35pm	7:36pm 5:15 am	127° / Rise 275° / 63°	Vertical	
7	Waxing crescent	↗12:17pm ↘9:58pm				Eta Aquariids 19 Apr-28 May Peak 5:17am 34.0 met/hr 29.5% moon

Date	Moon Phase	Moon		Milky Way GC Visibility		Milky Way Aspect	Meteor Showers	
		Rise ↗, Times	Set ↘	Time From To	Azimuth / Elevation Azimuth / Elevation			
16	Full	↘6:34am	↗5:08pm					
30	New moon	↗6:36am	↘4:41pm	6:29pm 5:33am	120° / 7° (ESE) 257° / 36°	Vertical		
June								
14	Supermoon	↘6:38am	↗4:31pm					
29	New moon	↗7:22am	↘4:51pm	6:32pm 5:42am	106° / 30° (ESE) 242° / 11°	Vertical		
July								
14	Supermoon	↘7:40am	↗5:30pm					
29	New moon	↗7:34am	↘5:36pm	6:47pm 4:55am	90° / 56° (E) 233° / Set	Vertical to Arch		
31	Waxing crescent	↗8:39am	↘7:35pm				Delta Aquariids 12 July-23 August	Peak 2:10am 23.6 met/hr 3.7% moon
August								
12	Full	↘7:06am	↗5:35pm					
27	New moon	↗6:41am	↘5:28pm	7:05pm 3:01am	36° / 82° (NE) 233° / Set	High Arch		
September								
10	Full	↘6:14am	↗5:37pm					
26	New moon	↗6:05am	↘6:20pm	7:28pm 1:03am	275° / 64° (W) 233° / Set	Arch		
October								
10	Full	↘6:40am	↗7:38pm					
22	Waning crescent	↗4:39am	↘4:04pm				Orionids 2 Oct-7 Nov	Peak 4:40am 12.4 met/hr

Date	Moon Phase	Moon Rise ↗, Times	Moon Set ↘	Milky Way GC Visibility Time From To	Azimuth / Elevation Azimuth / Elevation	Milky Way Aspect	Meteor Showers	
25	New moon	↗5:59am	↘7:14pm	8:58pm 12:09am	256° / 34° (WSW) 233° / Set	Arch	15% moon	
November								
8-9	Full Total eclipse 10:00pm	↘5:37am	↗7:31pm					Eclipse duration: 7:03pm-12:57am
19	Waning crescent	↗3:06am	↘2:48pm					Leonids 6-30 Nov Peak 4:18am 2.4 met/hr 29.6% moon
24	New moon	↗5:35am	↘8:26pm	9:39pm 10:11pm	237° / 5° (SW) 233° / Set	Arch		
December								
8	Full	↘5:18am	↗8:26pm					
15	Waning gibbous	↗1:03am	↘10:50am					Geminids 4-17 Dec Peak 12:41am 43.9 met/hr 67.2% moon
23	New moon	↗4:58am	↘8:25pm	Not visible				

Notes:

- Milky Way (including the Galactic Centre) is generally able to be photographed starting ~5 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](#)?