**Moon Cycle Chart 2023 – by Kathryn Gorman-Lovelady**

**Moonstar Lodge**

| **Moon** **Cycle** | **New Moon** | **2nd Quarter** | **Full Moon** | **4th Quarter** |  |
| --- | --- | --- | --- | --- | --- |
| **1** | **Dec 23**  | **5:16 am** | Dec 29 | 8:20 pm | **Jan 6** | **6:07 pm** | Jan 14 | 9:10 pm |  |
| **2** | **Jan 21** | **3:53 pm** | Jan 28 | 10:18 am | **Feb 5** | **1:28 pm** | Feb 13 | 11:00 am |  |
| **3** | **Feb 20** | **2:05 am** | Feb 27 | 3:05 am | **Mar 7** | **7:40 am** | Mar 14 | 10:08 pm |  |
| **4** | **Mar21** | **1:23 pm** | Mar 28 | 10:32 pm | **Apr 6** | **12:34 am** | Apr 13 | 5:11 am |  |
| **5** | **Apr 20** | **12:12 am** | Apr 27 | 5:19 pm | **May 5** | **1:34 pm** | May 12 | 10:28 am |  |
| **6** | **May19** | **11:53 am** | May 27 | 11:22 am | **Jun 3** | **11:41 pm** | Jun 10 | 3:31 pm |  |
| **7** | **Jun 18** | **12:37 am** | Jun 26 | 3:49 am | **Jul 3** | **7:38 am** | Jul 9 | 9:47 pm |  |
| **8** | **Jul 17** | **2:31 pm** | Jul 25 | 6:06 pm | **Aug 1** | **2:31 pm** | Aug 8 | 6:28 am |  |
| **9** | **Aug 16** | **5:38 am** | Aug 24 | 5:57 am | **Aug 30** | **9:35 pm** | Sep 6 | 6:21 pm |  |
| **10** | **Sep 14** | **9:39 pm** | Sep 22 | 3:31 pm | **Sep 29** | **5:57 am** | Oct 6 | 9:47 am |  |
| **11** | **Oct 14** | **1:55 pm** | Oct 21 | 11:29 pm | **Oct 28** | **4:24 pm** | Nov 5 | 3:36 am |  |
| **12** | **Nov 13** | **4:27 am** | Nov 20 | 5:49 am | **Nov 27** | **4:16 am** | Dec 5 | 12:49 am |  |
| **13** | **Dec 12** | **6:32 pm** | Dec 19 | 1:39 pm | **Dec 26** | **7:33 pm** |   |   |  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Perihelion – Jan 4, 11:17 AM**  |  |  |  |  |

**Aphelion – July 6, 4:06 PM**

|  |  |
| --- | --- |
| **Spring Equinox –** Mar 20 5:24 pm EDT |  |
| **Summer Solstice –** Jun 21 10:57 am EDT |  |
| **Autumn Equinox** - Sept 23 2:50 am EDT AM |

**Winter Solstice** - Dec 21 10:57 am EST

**Special Moon Events in 2023**

* [Micro Full Moon](https://www.timeanddate.com/astronomy/moon/micro-moon.html): Jan 6
* [Super New Moon](https://www.timeanddate.com/astronomy/moon/super-full-moon.html): Jan 21
* [Micro Full Moon](https://www.timeanddate.com/astronomy/moon/micro-moon.html): Feb 5
* [Super New Moon](https://www.timeanddate.com/astronomy/moon/super-full-moon.html): Feb 20
* [Black Moon](https://www.timeanddate.com/astronomy/moon/black-moon.html): May 19 (third New Moon in a season with four New Moons)
* [Super Full Moon](https://www.timeanddate.com/astronomy/moon/super-full-moon.html): Aug 1
* [Micro New Moon](https://www.timeanddate.com/astronomy/moon/micro-moon.html): Aug 16
* [Blue Moon](https://www.timeanddate.com/astronomy/moon/blue-moon.html): Aug 30 (second Full Moon in single calendar month)
* [Super Full Moon](https://www.timeanddate.com/astronomy/moon/super-full-moon.html): Aug 30
* [Partial Lunar Eclipse (Penumbral Lunar Eclipse, as seen in Barrie on Oct 28)](https://www.timeanddate.com/eclipse/in/canada/barrie?iso=20231028)

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**Moonstar Lodge**

| **Closest Approach - Perigee Date -** | **Local Time** |  |  |
| --- | --- | --- | --- |
| **Jan 21** | 3:56 pm |  |  |
| **Feb 19** | 4:05 am |  |  |
| **Mar 19** | 11:12 am |  |  |
| **Apr 15** | 10:23 pm |  |  |
| **May 11** | 1:05 am |  |  |
| **Jun 6** | 7:06 pm |  |  |
| **Jul 4** | 6:24 pm |  |  |
| **Aug 2** | 1:52 am |  |  |
| **Aug 30** | 11:54 am |  |  |
| **Sep 27** | 8:59 pm |  |  |
| **Oct 25** | 11:02 pm |  |  |
| **Nov 21** | 4:01 pm |  |  |
| **Dec 16** | 1:52 pm |  |  |
|  |  |  |  |
| **Farthest Approach - Apogee - Date** | Local Time |  |  |
| **Jan 8** | 4:19 am |  |  |
| **Feb 4** | 3:54 am |  |  |
| **Mar 3** | 1:00 pm |  |  |
| **Mar 31** | 7:16 am |  |  |
| **Apr 28** | 2:43 am |  |  |
| **May 25** | 9:39 pm |  |  |
| **Jun 22** | 2:30 pm |  |  |
| **Jul 20** | 2:56 am |  |  |
| **Aug 16** | 7:54 am |  |  |
| **Sep 12** | 11:42 am |  |  |
| **Oct 9** | 11:41 pm |  |  |
| **Nov 6** | 4:48 pm |  |  |
| **Dec 4** | 1:41 pm |  |  |