

## Phases of the Moon 2020 - Common

U.S. Naval Observatory  
Astronomical Applications Department

Date and Time (Universal Time)			
New Moon	First Quarter	Full Moon	Last Quarter
2020 Jan 24 21:42	2020 Feb 02 01:42	2020 Feb 09 07:33	2020 Feb 15 22:17
2020 Feb 23 15:32	2020 Mar 02 19:57	2020 Mar 09 17:48	2020 Mar 16 09:34
2020 Mar 24 09:28	2020 Apr 01 10:21	2020 Apr 08 02:35	2020 Apr 14 22:56
2020 Apr 23 02:26	2020 Apr 30 20:38	2020 May 07 10:45	2020 May 14 14:03
2020 May 22 17:39	2020 May 30 03:30	2020 Jun 05 19:12	2020 Jun 13 06:24
2020 Jun 21 06:41	2020 Jun 28 08:16	2020 Jul 05 04:44	2020 Jul 12 23:29
2020 Jul 20 17:33	2020 Jul 27 12:32	2020 Aug 03 15:59	2020 Aug 11 16:45
2020 Aug 19 02:42	2020 Aug 25 17:58	2020 Sep 02 05:22	2020 Sep 10 09:26
2020 Sep 17 11:00	2020 Sep 24 01:55	2020 Oct 01 21:05	2020 Oct 10 00:39
2020 Oct 16 19:31	2020 Oct 23 13:23	2020 Oct 31 14:49	2020 Nov 08 13:46
2020 Nov 15 05:07	2020 Nov 22 04:45	2020 Nov 30 09:30	2020 Dec 08 00:36
2020 Dec 14 16:16	2020 Dec 21 23:41	2020 Dec 30 03:28	2021 Jan 06 09:37
2021 Jan 13 05:00	2021 Jan 20 21:01		

**Phases of the Moon – 2021 - Embolismic**

**U.S. Naval Observatory  
Astronomical Applications Department**

Date and Time (Universal Time)			
New Moon	First Quarter	Full Moon	Last Quarter
--	2021 Jan 20 21:01	2021 Jan 28 19:16	2021 Feb 04 17:37
2021 Feb 11 19:06	2021 Feb 19 18:47	2021 Feb 27 08:17	2021 Mar 06 01:30
2021 Mar 13 10:21	2021 Mar 21 14:40	2021 Mar 28 18:48	2021 Apr 04 10:02
2021 Apr 12 02:31	2021 Apr 20 06:59	2021 Apr 27 03:31	2021 May 03 19:50
2021 May 11 19:00	2021 May 19 19:13	2021 May 26 11:14	2021 Jun 02 07:24
2021 Jun 10 10:53	2021 Jun 18 03:54	2021 Jun 24 18:40	2021 Jul 01 21:11
2021 Jul 10 01:17	2021 Jul 17 10:11	2021 Jul 24 02:37	2021 Jul 31 13:16
2021 Aug 08 13:50	2021 Aug 15 15:19	2021 Aug 22 12:02	2021 Aug 30 07:13
2021 Sep 07 00:52	2021 Sep 13 20:39	2021 Sep 20 23:55	2021 Sep 29 01:57
2021 Oct 06 11:05	2021 Oct 13 03:25	2021 Oct 20 14:57	2021 Oct 28 20:05
2021 Nov 04 21:14	2021 Nov 11 12:46	2021 Nov 19 08:57	2021 Nov 27 12:28
2021 Dec 04 07:43	2021 Dec 11 01:35	2021 Dec 19 04:35	2021 Dec 27 02:24
2022 Jan 02 18:33	2022 Jan 09 18:11	2022 Jan 17 23:48	

**Phases of the Moon – 2022 – Common**

**U.S. Naval Observatory  
Astronomical Applications Department**

Date and Time (Universal Time)			
New Moon	First Quarter	Full Moon	Last Quarter
--	--	--	2022 Jan 25 13:41
2022 Feb 01 05:46	2022 Feb 08 13:50	2022 Feb 16 16:56	2022 Feb 23 22:32
2022 Mar 02 17:35	2022 Mar 10 10:45	2022 Mar 18 07:17	2022 Mar 25 05:37
2022 Apr 01 06:24	2022 Apr 09 06:48	2022 Apr 16 18:55	2022 Apr 23 11:56
2022 Apr 30 20:28	2022 May 09 00:21	2022 May 16 04:14	2022 May 22 18:43
2022 May 30 11:30	2022 Jun 07 14:48	2022 Jun 14 11:52	2022 Jun 21 03:11
2022 Jun 29 02:52	2022 Jul 07 02:14	2022 Jul 13 18:38	2022 Jul 20 14:19
2022 Jul 28 17:55	2022 Aug 05 11:06	2022 Aug 12 01:36	2022 Aug 19 04:36
2022 Aug 27 08:17	2022 Sep 03 18:08	2022 Sep 10 09:59	2022 Sep 17 21:52
2022 Sep 25 21:54	2022 Oct 03 00:14	2022 Oct 09 20:55	2022 Oct 17 17:15
2022 Oct 25 10:49	2022 Nov 01 06:37	2022 Nov 08 11:02	2022 Nov 16 13:27
2022 Nov 23 22:57	2022 Nov 30 14:36	2022 Dec 08 04:08	2022 Dec 16 08:56
2022 Dec 23 10:17	2022 Dec 30 01:20	2023 Jan 06 23:08	2023 Jan 15 02:10
2023 Jan 21 20:53	--	--	--

**Phases of the Moon – 2023 - Common**

**U.S. Naval Observatory  
Astronomical Applications Department**

Date and Time (Universal Time)			
New Moon	First Quarter	Full Moon	Last Quarter
2023 Feb 20 07:06	2023 Feb 27 08:06	2023 Mar 07 12:40	2023 Mar 15 02:08
2023 Mar 21 17:23	2023 Mar 29 02:32	2023 Apr 06 04:34	2023 Apr 13 09:11
2023 Apr 20 04:12	2023 Apr 27 21:20	2023 May 05 17:34	2023 May 12 14:28
2023 May 19 15:53	2023 May 27 15:22	2023 Jun 04 03:42	2023 Jun 10 19:31
2023 Jun 18 04:37	2023 Jun 26 07:50	2023 Jul 03 11:39	2023 Jul 10 01:48
2023 Jul 17 18:32	2023 Jul 25 22:07	2023 Aug 01 18:32	2023 Aug 08 10:28
2023 Aug 16 09:38	2023 Aug 24 09:57	2023 Aug 31 01:35	2023 Sep 06 22:21
2023 Sep 15 01:40	2023 Sep 22 19:32	2023 Sep 29 09:57	2023 Oct 06 13:48
2023 Oct 14 17:55	2023 Oct 22 03:29	2023 Oct 28 20:24	2023 Nov 05 08:37
2023 Nov 13 09:27	2023 Nov 20 10:50	2023 Nov 27 09:16	2023 Dec 05 05:49
2023 Dec 12 23:32	2023 Dec 19 18:39	2023 Dec 27 00:33	2024 Jan 04 03:30
2024 Jan 11 11:57	2024 Jan 18 03:52	2024 Jan 25 17:54	2024 Feb 02 23:18
2024 Feb 09 22:59	2024 Feb 16 15:01	--	--

**Phases of the Moon – 2024 - Embolismic**

**U.S. Naval Observatory  
Astronomical Applications Department**

Date and Time (Universal Time)			
New Moon	First Quarter	Full Moon	Last Quarter
--	--	2024 Feb 24 12:30	2024 Mar 03 15:23
2024 Mar 10 09:00	2024 Mar 17 04:11	2024 Mar 25 07:00	2024 Apr 02 03:15
2024 Apr 08 18:21	2024 Apr 15 19:13	2024 Apr 23 23:49	2024 May 01 11:27
2024 May 08 03:22	2024 May 15 11:48	2024 May 23 13:53	2024 May 30 17:13
2024 Jun 06 12:38	2024 Jun 14 05:18	2024 Jun 22 01:08	2024 Jun 28 21:53
2024 Jul 05 22:57	2024 Jul 13 22:49	2024 Jul 21 10:17	2024 Jul 28 02:51
2024 Aug 04 11:13	2024 Aug 12 15:19	2024 Aug 19 18:26	2024 Aug 26 09:26
2024 Sep 03 01:55	2024 Sep 11 06:05	2024 Sep 18 02:34	2024 Sep 24 18:50
2024 Oct 02 18:49	2024 Oct 10 18:55	2024 Oct 17 11:26	2024 Oct 24 08:03
2024 Nov 01 12:47	2024 Nov 09 05:55	2024 Nov 15 21:28	2024 Nov 23 01:28
2024 Dec 01 06:21	2024 Dec 08 15:26	2024 Dec 15 09:02	2024 Dec 22 22:18
2024 Dec 30 22:27	2025 Jan 06 23:56	2025 Jan 13 22:27	2025 Jan 21 20:31
2025 Jan 29 12:36	2025 Feb 05 08:02	2025 Feb 12 13:53	2025 Feb 20 17:32

**Phases of the Moon – 2025 - Common**

**U.S. Naval Observatory  
Astronomical Applications Department**

Date and Time (Universal Time)			
New Moon	First Quarter	Full Moon	Last Quarter
--	--	--	2025 Feb 20 17:32
2025 Feb 28 00:45	2025 Mar 06 16:31	2025 Mar 14 06:55	2025 Mar 22 11:29
2025 Mar 29 10:58	2025 Apr 05 02:15	2025 Apr 13 00:22	2025 Apr 21 01:35
2025 Apr 27 19:31	2025 May 04 13:52	2025 May 12 16:56	2025 May 20 11:59
2025 May 27 03:02	2025 Jun 03 03:41	2025 Jun 11 07:44	2025 Jun 18 19:19
2025 Jun 25 10:31	2025 Jul 02 19:30	2025 Jul 10 20:37	2025 Jul 18 00:38
2025 Jul 24 19:11	2025 Aug 01 12:41	2025 Aug 09 07:55	2025 Aug 16 05:12
2025 Aug 23 06:06	2025 Aug 31 06:25	2025 Sep 07 18:09	2025 Sep 14 10:33
2025 Sep 21 19:54	2025 Sep 29 23:54	2025 Oct 07 03:47	2025 Oct 13 18:13
2025 Oct 21 12:25	2025 Oct 29 16:21	2025 Nov 05 13:19	2025 Nov 12 05:28
2025 Nov 20 06:47	2025 Nov 28 06:59	2025 Dec 04 23:14	2025 Dec 11 20:52
2025 Dec 20 01:43	2025 Dec 27 19:10	2026 Jan 03 10:03	2026 Jan 10 15:48
2026 Jan 18 19:52	2026 Jan 26 04:47	2026 Feb 01 22:09	2026 Feb 09 12:43
2026 Feb 17 12:01	--	--	--

**Phases of the Moon – 2026 - Embolismic**

**U.S. Naval Observatory  
Astronomical Applications Department**

Date and Time (Universal Time)			
New Moon	First Quarter	Full Moon	Last Quarter
--	2026 Feb 24 12:27	2026 Mar 03 11:38	2026 Mar 11 09:38
2026 Mar 19 01:23	2026 Mar 25 19:18	2026 Apr 02 02:12	2026 Apr 10 04:51
2026 Apr 17 11:52	2026 Apr 24 02:32	2026 May 01 17:23	2026 May 09 21:10
2026 May 16 20:01	2026 May 23 11:11	2026 May 31 08:45	2026 Jun 08 10:00
2026 Jun 15 02:54	2026 Jun 21 21:55	2026 Jun 29 23:56	2026 Jul 07 19:29
2026 Jul 14 09:43	2026 Jul 21 11:05	2026 Jul 29 14:36	2026 Aug 06 02:21
2026 Aug 12 17:37	2026 Aug 20 02:46	2026 Aug 28 04:18	2026 Sep 04 07:51
2026 Sep 11 03:27	2026 Sep 18 20:44	2026 Sep 26 16:49	2026 Oct 03 13:25
2026 Oct 10 15:50	2026 Oct 18 16:12	2026 Oct 26 04:12	2026 Nov 01 20:28
2026 Nov 09 07:02	2026 Nov 17 11:48	2026 Nov 24 14:53	2026 Dec 01 06:08
2026 Dec 09 00:52	2026 Dec 17 05:42	2026 Dec 24 01:28	2026 Dec 30 18:59
2027 Jan 07 20:24	2027 Jan 15 20:34	2027 Jan 22 12:17	2027 Jan 29 10:55
2027 Feb 06 15:56	2027 Feb 14 07:58	2027 Feb 20 23:23	--

**Phases of the Moon – 2027 - Common**

**U.S. Naval Observatory  
Astronomical Applications Department**

Date and Time (Universal Time)			
New Moon	First Quarter	Full Moon	Last Quarter
--	--	2027 Feb 20 23:23	2027 Feb 28 05:16
2027 Mar 08 09:29	2027 Mar 15 16:25	2027 Mar 22 10:44	2027 Mar 30 00:54
2027 Apr 06 23:51	2027 Apr 13 22:56	2027 Apr 20 22:27	2027 Apr 28 20:18
2027 May 06 10:58	2027 May 13 04:44	2027 May 20 10:59	2027 May 28 13:58
2027 Jun 04 19:40	2027 Jun 11 10:56	2027 Jun 19 00:44	2027 Jun 27 04:54
2027 Jul 04 03:02	2027 Jul 10 18:39	2027 Jul 18 15:45	2027 Jul 26 16:55
2027 Aug 02 10:05	2027 Aug 09 04:54	2027 Aug 17 07:29	2027 Aug 25 02:27
2027 Aug 31 17:41	2027 Sep 07 18:31	2027 Sep 15 23:03	2027 Sep 23 10:20
2027 Sep 30 02:36	2027 Oct 07 11:47	2027 Oct 15 13:47	2027 Oct 22 17:29
2027 Oct 29 13:36	2027 Nov 06 08:00	2027 Nov 14 03:26	2027 Nov 21 00:48
2027 Nov 28 03:24	2027 Dec 06 05:22	2027 Dec 13 16:09	2027 Dec 20 09:11
2027 Dec 27 20:12	2028 Jan 05 01:40	2028 Jan 12 04:03	2028 Jan 18 19:26



**Phases of the Moon – 2028 - Common**

**U.S. Naval Observatory  
Astronomical Applications Department**

Date and Time (Universal Time)			
New Moon	First Quarter	Full Moon	Last Quarter
--	--	--	2028 Jan 18 19:26
2028 Jan 26 15:12	2028 Feb 03 19:10	2028 Feb 10 15:04	2028 Feb 17 08:08
2028 Feb 25 10:37	2028 Mar 04 09:02	2028 Mar 11 01:06	2028 Mar 17 23:23
2028 Mar 26 04:31	2028 Apr 02 19:15	2028 Apr 09 10:26	2028 Apr 16 16:37
2028 Apr 24 19:47	2028 May 02 02:26	2028 May 08 19:49	2028 May 16 10:43
2028 May 24 08:16	2028 May 31 07:36	2028 Jun 07 06:09	2028 Jun 15 04:27
2028 Jun 22 18:27	2028 Jun 29 12:10	2028 Jul 06 18:11	2028 Jul 14 20:56
2028 Jul 22 03:02	2028 Jul 28 17:40	2028 Aug 05 08:10	2028 Aug 13 11:45
2028 Aug 20 10:44	2028 Aug 27 01:36	2028 Sep 03 23:47	2028 Sep 12 00:46
2028 Sep 18 18:24	2028 Sep 25 13:10	2028 Oct 03 16:25	2028 Oct 11 11:57
2028 Oct 18 02:57	2028 Oct 25 04:53	2028 Nov 02 09:17	2028 Nov 09 21:26
2028 Nov 16 13:18	2028 Nov 24 00:14	2028 Dec 02 01:40	2028 Dec 09 05:39
2028 Dec 16 02:06	2028 Dec 23 21:45	2028 Dec 31 16:48	2029 Jan 07 13:26
2029 Jan 14 17:24	--	--	--

**Phases of the Moon – 2029 - Embolismic**

**U.S. Naval Observatory  
Astronomical Applications Department**

Date and Time (Universal Time)			
New Moon	First Quarter	Full Moon	Last Quarter
--	2029 Jan 22 19:23	2029 Jan 30 06:03	2029 Feb 05 21:52
2029 Feb 13 10:31	2029 Feb 21 15:10	2029 Feb 28 17:10	2029 Mar 07 07:51
2029 Mar 15 04:19	2029 Mar 23 07:33	2029 Mar 30 02:26	2029 Apr 05 19:51
2029 Apr 13 21:40	2029 Apr 21 19:50	2029 Apr 28 10:37	2029 May 05 09:48
2029 May 13 13:42	2029 May 21 04:16	2029 May 27 18:37	2029 Jun 04 01:19
2029 Jun 12 03:50	2029 Jun 19 09:54	2029 Jun 26 03:22	2029 Jul 03 17:57
2029 Jul 11 15:51	2029 Jul 18 14:14	2029 Jul 25 13:36	2029 Aug 02 11:15
2029 Aug 10 01:56	2029 Aug 16 18:55	2029 Aug 24 01:51	2029 Sep 01 04:33
2029 Sep 08 10:44	2029 Sep 15 01:29	2029 Sep 22 16:29	2029 Sep 30 20:57
2029 Oct 07 19:14	2029 Oct 14 11:09	2029 Oct 22 09:27	2029 Oct 30 11:32
2029 Nov 06 04:24	2029 Nov 13 00:35	2029 Nov 21 04:03	2029 Nov 28 23:48
2029 Dec 05 14:52	2029 Dec 12 17:49	2029 Dec 20 22:46	2029 Dec 28 09:49
2030 Jan 04 02:49	2030 Jan 11 14:06	2030 Jan 19 15:54	--

**Phases of the Moon – 2030 - Common**

**U.S. Naval Observatory  
Astronomical Applications Department**

Date and Time (Universal Time)			
New Moon	First Quarter	Full Moon	Last Quarter
--	--	2030 Jan 19 15:54	2030 Jan 26 18:14
2030 Feb 02 16:07	2030 Feb 10 11:49	2030 Feb 18 06:20	2030 Feb 25 01:58
2030 Mar 04 06:34	2030 Mar 12 08:47	2030 Mar 19 17:56	2030 Mar 26 09:51
2030 Apr 02 22:02	2030 Apr 11 02:57	2030 Apr 18 03:20	2030 Apr 24 18:39
2030 May 02 14:12	2030 May 10 17:11	2030 May 17 11:19	2030 May 24 04:57
2030 Jun 01 06:21	2030 Jun 09 03:36	2030 Jun 15 18:41	2030 Jun 22 17:19
2030 Jun 30 21:34	2030 Jul 08 11:02	2030 Jul 15 02:12	2030 Jul 22 08:07
2030 Jul 30 11:11	2030 Aug 06 16:43	2030 Aug 13 10:44	2030 Aug 21 01:15
2030 Aug 28 23:07	2030 Sep 04 21:55	2030 Sep 11 21:18	2030 Sep 19 19:56
2030 Sep 27 09:54	2030 Oct 04 03:56	2030 Oct 11 10:47	2030 Oct 19 14:50
2030 Oct 26 20:17	2030 Nov 02 11:56	2030 Nov 10 03:30	2030 Nov 18 08:32
2030 Nov 25 06:46	2030 Dec 01 22:57	2030 Dec 09 22:40	2030 Dec 18 00:01
2030 Dec 24 17:32	2030 Dec 31 13:36	2031 Jan 08 18:26	2031 Jan 16 12:47