

Phases of Moon from -100 through 0 (UT), Astrodienst AG 6-Nov-2015 17:26, page 1

Attention, astronomical year style is used: The year -100 in astronomical counting style is the year 101 BCE in historical counting style.

-100 Jan 05 j 16:32	○ Full	-99 Apr 30 j 06:35	● New	-98 Aug 21 j 22:27	● New	-97 Dec 16 j 00:03	● New
-100 Jan 13 j 20:53	● New	-99 May 06 j 21:15	● New	-98 Aug 29 j 18:51	● New	-97 Dec 22 j 23:57	○ Full
-100 Jan 20 j 19:11	● New	-99 May 14 j 00:19	● New	-98 Sep 06 j 11:57	○ Full	-97 Dec 29 j 15:42	● New
-100 Jan 27 j 10:59	● New	-99 May 22 j 04:05	○ Full	-98 Sep 13 j 07:48	● New	-96 Jan 06 j 13:32	● New
-100 Feb 04 j 11:10	○ Full	-99 May 29 j 12:42	● New	-98 Sep 20 j 11:53	● New	-96 Jan 14 j 16:47	● New
-100 Feb 12 j 11:50	● New	-99 Jun 05 j 05:16	● New	-98 Sep 28 j 14:31	● New	-96 Jan 21 j 10:18	○ Full
-100 Feb 19 j 04:33	● New	-99 Jun 12 j 16:12	● New	-98 Sep 28 j 14:31	● New	-96 Jan 28 j 05:29	● New
-100 Feb 26 j 00:55	● New	-99 Jun 20 j 16:32	○ Full	-98 Oct 05 j 23:38	○ Full	-96 Feb 05 j 08:28	● New
-100 Mar 05 j 04:41	○ Full	-99 Jun 27 j 17:30	● New	-98 Oct 12 j 15:24	● New	-96 Feb 13 j 05:18	○ Full
-100 Mar 12 j 22:42	● New	-99 Jul 04 j 14:33	● New	-98 Oct 20 j 04:37	● New	-96 Feb 19 j 20:07	○ Full
-100 Mar 19 j 13:07	● New	-99 Jul 12 j 09:39	● New	-98 Oct 28 j 09:37	○ Full	-96 Feb 26 j 21:12	● New
-100 Mar 26 j 16:40	● New	-99 Jul 20 j 03:11	○ Full	-98 Nov 04 j 10:53	○ Full	-96 Mar 06 j 01:52	● New
-100 Apr 03 j 20:12	○ Full	-99 Jul 26 j 22:24	● New	-98 Nov 11 j 01:49	● New	-96 Mar 13 j 13:59	● New
-100 Apr 11 j 06:00	● New	-99 Aug 03 j 01:58	● New	-98 Nov 18 j 23:40	● New	-96 Mar 20 j 05:41	○ Full
-100 Apr 17 j 21:46	● New	-99 Aug 11 j 03:48	● New	-98 Nov 27 j 02:47	● New	-96 Mar 27 j 14:16	● New
-100 Apr 25 j 09:29	● New	-99 Aug 18 j 12:46	○ Full	-98 Dec 03 j 21:44	○ Full	-96 Apr 04 j 16:31	● New
-100 May 03 j 09:21	○ Full	-99 Aug 25 j 04:45	● New	-98 Dec 10 j 15:45	● New	-96 Apr 11 j 19:57	● New
-100 May 10 j 10:56	● New	-99 Sep 01 j 16:18	● New	-98 Dec 18 j 19:20	● New	-96 Apr 18 j 15:26	○ Full
-100 May 17 j 07:22	● New	-99 Sep 09 j 21:27	● New	-98 Dec 26 j 16:58	● New	-96 Apr 26 j 07:59	● New
-100 May 25 j 02:38	● New	-99 Sep 16 j 22:15	○ Full	-97 Jan 02 j 08:18	○ Full	-96 May 04 j 04:06	● New
-100 Jun 01 j 20:11	○ Full	-99 Sep 23 j 13:44	● New	-97 Jan 09 j 08:54	● New	-96 May 11 j 00:41	● New
-100 Jun 08 j 15:04	● New	-99 Sep 30 j 09:38	● New	-97 Jan 17 j 13:56	● New	-96 May 18 j 01:58	○ Full
-100 Jun 15 j 18:34	● New	-99 Oct 07 j 13:27	● New	-97 Jan 25 j 03:42	● New	-96 May 26 j 01:28	● New
-100 Jun 23 j 19:32	● New	-99 Oct 14 j 08:17	○ Full	-97 Jan 31 j 18:58	○ Full	-96 Jun 02 j 13:11	● New
-100 Jul 01 j 05:11	○ Full	-99 Oct 21 j 02:14	● New	-97 Feb 07 j 04:03	● New	-96 Jun 09 j 05:34	● New
-100 Jul 07 j 20:06	● New	-99 Oct 28 j 04:58	● New	-97 Feb 14 j 06:16	● New	-96 Jun 16 j 14:02	○ Full
-100 Jul 15 j 07:44	● New	-99 Oct 31 j 04:58	● New	-97 Feb 21 j 11:23	● New	-96 Jun 24 j 17:45	● New
-100 Jul 23 j 11:36	● New	-99 Nov 07 j 03:10	● New	-97 Feb 28 j 11:23	○ Full	-96 Jul 01 j 20:55	● New
-100 Jul 30 j 13:07	○ Full	-99 Nov 14 j 19:07	○ Full	-97 Mar 06 j 06:12	○ Full	-96 Jul 08 j 11:57	● New
-100 Aug 06 j 03:32	● New	-99 Nov 21 j 18:37	● New	-97 Mar 13 j 19:45	● New	-96 Jul 16 j 04:11	○ Full
-100 Aug 13 j 22:58	● New	-99 Nov 28 j 00:23	● New	-97 Mar 20 j 17:07	● New	-96 Jul 24 j 08:08	● New
-100 Aug 22 j 02:15	● New	-99 Dec 05 j 14:28	● New	-97 Mar 27 j 18:21	○ Full	-96 Jul 31 j 04:27	● New
-100 Aug 30 j 21:04	○ Full	-99 Dec 12 j 06:40	○ Full	-97 Apr 03 j 17:59	● New	-96 Aug 07 j 20:59	● New
-100 Sep 07 j 14:29	● New	-99 Dec 19 j 14:22	● New	-97 Apr 10 j 06:19	● New	-96 Aug 14 j 20:23	○ Full
-100 Sep 14 j 16:00	● New	-99 Dec 26 j 17:59	● New	-97 Apr 17 j 22:23	● New	-96 Aug 21 j 20:25	● New
-100 Sep 21 j 14:57	● New	-98 Jan 02 j 23:39	● New	-97 Apr 24 j 07:28	○ Full	-96 Aug 28 j 12:44	● New
-100 Sep 28 j 06:02	○ Full	-98 Jan 09 j 18:57	○ Full	-97 May 01 j 10:30	● New	-96 Sep 04 j 09:38	● New
-100 Oct 05 j 05:28	● New	-98 Jan 16 j 11:47	● New	-97 May 08 j 14:31	● New	-96 Sep 11 j 13:48	○ Full
-100 Oct 12 j 10:04	● New	-98 Jan 23 j 08:49	● New	-97 May 15 j 04:39	● New	-96 Sep 18 j 13:48	○ Full
-100 Oct 19 j 01:35	● New	-98 Jan 30 j 07:17	● New	-97 May 22 j 21:31	○ Full	-96 Sep 25 j 06:50	● New
-100 Oct 26 j 16:46	○ Full	-98 Feb 06 j 08:14	○ Full	-97 May 29 j 00:35	● New	-96 Sep 32 j 22:23	● New
-100 Nov 03 j 00:10	● New	-98 Feb 13 j 08:34	● New	-97 Jun 05 j 21:19	● New	-96 Oct 09 j 02:23	● New
-100 Nov 10 j 03:51	● New	-98 Feb 20 j 20:50	● New	-97 Jun 12 j 13:08	● New	-96 Oct 16 j 07:06	○ Full
-100 Nov 17 j 10:30	● New	-98 Feb 27 j 14:13	● New	-97 Jun 19 j 12:20	○ Full	-96 Oct 23 j 15:56	● New
-100 Nov 24 j 05:30	○ Full	-98 Mar 05 j 22:42	○ Full	-97 Jun 26 j 12:07	○ Full	-96 Oct 30 j 09:46	● New
-100 Dec 01 j 21:28	○ Full	-98 Mar 12 j 02:45	● New	-97 Jul 03 j 05:57	● New	-96 Nov 06 j 22:47	● New
-100 Dec 08 j 19:58	● New	-98 Mar 19 j 06:31	● New	-97 Jul 10 j 00:42	● New	-96 Nov 13 j 23:07	○ Full
-100 Dec 15 j 18:34	● New	-98 Mar 26 j 21:30	● New	-97 Jul 17 j 03:43	○ Full	-96 Nov 20 j 00:20	● New
-100 Dec 22 j 20:01	○ Full	-98 Apr 02 j 14:06	○ Full	-97 Jul 24 j 21:19	● New	-96 Nov 27 j 23:10	● New
-99 Jan 01 j 19:30	● New	-98 Apr 09 j 17:29	● New	-97 Aug 01 j 11:39	● New	-96 Dec 04 j 21:05	● New
-99 Jan 08 j 09:32	● New	-98 Apr 16 j 14:27	● New	-97 Aug 08 j 15:41	● New	-96 Dec 11 j 13:21	○ Full
-99 Jan 15 j 02:45	● New	-98 Apr 23 j 06:11	● New	-97 Aug 15 j 19:15	○ Full	-96 Dec 18 j 08:42	● New
-99 Jan 22 j 11:53	○ Full	-98 May 01 j 05:45	○ Full	-97 Aug 22 j 04:50	● New	-96 Dec 25 j 14:44	● New
-99 Jan 29 j 15:57	● New	-98 May 08 j 04:49	● New	-97 Sep 01 j 21:28	● New	-95 Dec 31 j 18:40	● New
-99 Feb 05 j 20:34	● New	-98 May 15 j 21:23	● New	-97 Sep 08 j 09:54	● New	-95 Jan 07 j 01:46	○ Full
-99 Feb 12 j 11:49	● New	-98 May 22 j 17:14	● New	-97 Sep 15 j 10:17	○ Full	-95 Jan 14 j 17:42	● New
-99 Feb 19 j 04:34	○ Full	-98 Jun 01 j 20:48	○ Full	-97 Sep 22 j 11:42	● New	-95 Jan 21 j 08:08	● New
-99 Feb 26 j 08:58	● New	-98 Jun 08 j 13:23	● New	-97 Sep 29 j 09:56	● New	-95 Jan 28 j 13:18	● New
-99 Mar 05 j 05:40	● New	-98 Jun 15 j 04:15	● New	-97 Oct 06 j 06:32	● New	-95 Feb 04 j 12:29	○ Full
-99 Mar 12 j 22:15	● New	-98 Jun 22 j 07:12	● New	-97 Oct 13 j 00:12	○ Full	-95 Feb 11 j 04:00	● New
-99 Mar 19 j 21:26	○ Full	-98 Jun 29 j 10:48	○ Full	-97 Oct 20 j 19:09	● New	-95 Feb 18 j 02:13	● New
-99 Mar 26 j 21:43	● New	-98 Jul 06 j 12:12	● New	-97 Oct 27 j 01:08	● New	-95 Feb 25 j 03:56	○ Full
-99 Mar 31 j 13:38	● New	-98 Jul 13 j 23:59	● New	-97 Nov 03 j 03:59	○ Full	-95 Mar 04 j 21:41	○ Full
-99 Apr 07 j 10:21	● New	-98 Jul 20 j 23:45	○ Full	-97 Nov 10 j 12:43	○ Full	-95 Mar 11 j 16:05	● New
-99 Apr 14 j 13:34	○ Full	-98 Aug 01 j 01:47	● New	-97 Nov 17 j 04:16	● New	-95 Mar 18 j 19:28	● New
-99 Apr 21 j 13:34	○ Full			-97 Dec 01 j 18:38	● New	-95 Mar 25 j 14:37	● New

Phases of Moon from -95 through 0 (UT), Astrodienst AG 6-Nov-2015 17:26, page 2

Attention, astronomical year style is used: The year -95 in astronomical counting style is the year 96 BCE in historical counting style.

-95 Apr 08 j 05:45	○ Full	-94 Aug 15 j 15:21	●	-93 Dec 23 j 15:48	● New	-91 May 01 j 12:35	●
-95 Apr 15 j 06:13	●	-94 Aug 22 j 17:20	○ Full	-93 Dec 30 j 09:17	●	-91 May 08 j 06:01	● New
-95 Apr 23 j 10:42	● New	-94 Aug 30 j 17:25	●	-92 Jan 07 j 11:33	○ Full	-91 May 15 j 21:09	●
-95 Apr 30 j 22:06	●	-94 Sep 07 j 05:37	● New	-92 Jan 15 j 10:09	●	-91 May 23 j 18:32	○ Full
-95 May 07 j 13:29	○ Full	-94 Sep 13 j 21:46	●	-92 Jan 22 j 02:25	● New	-91 May 30 j 16:53	●
-95 May 14 j 22:10	●	-94 Sep 21 j 08:08	○ Full	-92 Jan 29 j 00:56	●	-91 Jun 06 j 16:12	● New
-95 May 22 j 23:35	● New	-94 Sep 29 j 12:23	●	-92 Feb 06 j 06:12	○ Full	-91 Jun 14 j 14:14	●
-95 May 30 j 03:25	●	-94 Oct 06 j 15:57	● New	-92 Feb 13 j 20:47	●	-91 Jun 22 j 04:29	○ Full
-95 Jun 05 j 22:01	○ Full	-94 Oct 13 j 06:57	●	-92 Feb 20 j 12:26	● New	-91 Jun 28 j 21:15	●
-95 Jun 13 j 15:17	●	-94 Oct 21 j 01:35	○ Full	-92 Feb 27 j 18:42	●	-91 Jul 06 j 04:18	● New
-95 Jun 21 j 10:31	● New	-94 Oct 29 j 06:05	●	-92 Mar 06 j 22:07	○ Full	-91 Jul 14 j 06:57	●
-95 Jun 28 j 07:52	●	-94 Nov 05 j 02:12	● New	-92 Mar 14 j 04:25	●	-91 Jul 21 j 13:00	○ Full
-95 Jul 05 j 08:28	○ Full	-94 Nov 11 j 19:37	●	-92 Mar 20 j 22:20	● New	-91 Jul 28 j 03:18	●
-95 Jul 13 j 08:42	●	-94 Nov 19 j 20:52	○ Full	-92 Mar 28 j 13:23	●	-91 Aug 04 j 18:33	● New
-95 Jul 20 j 20:13	● New	-94 Nov 27 j 21:09	●	-92 Apr 05 j 10:56	○ Full	-91 Aug 12 j 22:43	●
-95 Jul 27 j 12:53	●	-94 Dec 04 j 12:54	● New	-92 Apr 12 j 10:00	●	-91 Aug 19 j 21:01	○ Full
-95 Aug 03 j 21:40	○ Full	-94 Dec 11 j 11:45	●	-92 Apr 19 j 08:55	● New	-91 Aug 26 j 12:24	●
-95 Aug 12 j 01:35	●	-94 Dec 19 j 16:30	○ Full	-92 Apr 27 j 07:32	●	-91 Sep 03 j 10:53	● New
-95 Aug 19 j 05:21	● New	-94 Dec 27 j 08:56	●	-92 May 04 j 21:09	○ Full	-91 Sep 11 j 12:49	●
-95 Aug 25 j 20:01	●	-93 Jan 03 j 00:14	● New	-92 May 11 j 14:50	●	-91 Sep 18 j 05:33	○ Full
-95 Sep 02 j 13:40	○ Full	-93 Jan 10 j 06:33	●	-92 May 18 j 20:56	● New	-91 Sep 25 j 01:23	●
-95 Sep 10 j 17:21	●	-93 Jan 18 j 10:36	○ Full	-92 May 27 j 00:06	●	-91 Oct 03 j 04:48	● New
-95 Sep 17 j 14:30	● New	-93 Jan 25 j 17:46	●	-92 Jun 03 j 05:35	○ Full	-91 Oct 11 j 00:48	●
-95 Sep 24 j 06:37	●	-93 Feb 01 j 12:10	● New	-92 Jun 09 j 20:19	●	-91 Oct 17 j 15:29	○ Full
-95 Oct 02 j 07:40	○ Full	-93 Feb 09 j 02:42	●	-92 Jun 17 j 10:44	● New	-91 Oct 24 j 18:20	●
-95 Oct 10 j 07:29	●	-93 Feb 17 j 01:42	○ Full	-92 Jun 25 j 14:33	●	-91 Nov 01 j 23:09	● New
-95 Oct 17 j 00:09	● New	-93 Feb 24 j 00:40	○ Full	-92 Jul 02 j 13:04	○ Full	-91 Nov 09 j 10:44	●
-95 Oct 23 j 21:29	●	-93 Mar 03 j 00:37	● New	-92 Jul 09 j 03:54	●	-91 Nov 16 j 03:16	○ Full
-95 Oct 31 j 02:22	○ Full	-93 Mar 10 j 22:38	●	-92 Jul 17 j 02:05	● New	-91 Nov 23 j 14:32	●
-95 Nov 08 j 19:33	●	-93 Mar 18 j 13:27	○ Full	-92 Jul 25 j 02:56	●	-91 Dec 01 j 16:25	● New
-95 Nov 15 j 10:47	● New	-93 Mar 25 j 06:49	●	-92 Jul 31 j 20:26	○ Full	-91 Dec 08 j 19:12	●
-95 Nov 22 j 16:21	●	-93 Apr 01 j 13:42	● New	-92 Aug 07 j 14:52	●	-91 Dec 15 j 16:52	○ Full
-95 Nov 30 j 20:26	○ Full	-93 Apr 09 j 16:46	●	-92 Aug 15 j 18:16	● New	-91 Dec 23 j 12:25	●
-95 Dec 08 j 05:27	●	-93 Apr 16 j 22:26	○ Full	-92 Aug 23 j 13:29	●	-91 Dec 31 j 07:22	● New
-95 Dec 14 j 22:53	● New	-93 Apr 23 j 13:22	●	-92 Aug 30 j 04:32	○ Full	-90 Jan 07 j 03:08	●
-95 Dec 22 j 13:38	●	-93 May 01 j 03:40	● New	-92 Sep 06 j 05:55	●	-90 Jan 14 j 07:55	○ Full
-95 Dec 30 j 12:47	○ Full	-93 May 09 j 07:58	●	-92 Sep 14 j 10:33	● New	-90 Jan 22 j 09:52	●
-94 Jan 06 j 13:34	●	-93 May 16 j 05:46	○ Full	-92 Sep 21 j 22:32	●	-90 Jan 29 j 19:35	● New
-94 Jan 13 j 12:39	● New	-93 May 22 j 21:18	●	-92 Sep 28 j 14:20	○ Full	-90 Feb 05 j 11:28	●
-94 Jan 21 j 11:10	●	-93 May 30 j 18:33	● New	-92 Oct 06 j 00:48	●	-90 Feb 12 j 23:59	○ Full
-94 Jan 29 j 02:42	○ Full	-93 Jun 07 j 19:55	●	-92 Oct 14 j 02:22	● New	-90 Feb 21 j 04:42	●
-94 Feb 04 j 20:51	●	-93 Jun 14 j 12:34	○ Full	-92 Oct 21 j 06:34	●	-90 Feb 28 j 05:26	● New
-94 Feb 12 j 03:50	● New	-93 Jun 21 j 07:30	●	-92 Oct 28 j 02:39	○ Full	-90 Mar 06 j 20:52	●
-94 Feb 20 j 06:57	●	-93 Jun 29 j 09:57	● New	-92 Nov 04 j 22:09	●	-90 Mar 14 j 16:35	○ Full
-94 Feb 27 j 13:52	○ Full	-93 Jul 07 j 05:05	●	-92 Nov 12 j 17:14	● New	-90 Mar 22 j 19:34	●
-94 Mar 06 j 04:29	○	-93 Jul 13 j 19:50	○ Full	-92 Nov 19 j 14:23	●	-90 Mar 29 j 13:42	● New
-94 Mar 13 j 19:45	● New	-93 Jul 20 j 20:42	●	-92 Nov 26 j 17:50	○ Full	-90 Apr 05 j 07:45	●
-94 Mar 21 j 23:42	●	-93 Jul 29 j 01:08	● New	-92 Dec 04 j 19:54	●	-90 Apr 13 j 09:00	○ Full
-94 Mar 28 j 22:37	○ Full	-93 Aug 05 j 12:22	●	-92 Dec 12 j 06:41	● New	-90 Apr 21 j 06:17	●
-94 Apr 04 j 13:28	●	-93 Aug 12 j 04:23	○ Full	-92 Dec 18 j 22:57	●	-90 Apr 27 j 21:14	● New
-94 Apr 12 j 11:38	● New	-93 Aug 19 j 13:16	●	-92 Dec 26 j 11:19	○ Full	-90 May 04 j 20:27	●
-94 Apr 20 j 12:49	●	-93 Aug 27 j 15:26	● New	-91 Jan 03 j 16:01	●	-90 May 13 j 00:21	○ Full
-94 Apr 27 j 05:47	○ Full	-93 Sep 03 j 18:54	●	-91 Jan 10 j 18:22	● New	-90 May 20 j 13:41	●
-94 May 04 j 00:29	●	-93 Sep 10 j 14:58	○ Full	-91 Jan 17 j 09:13	●	-90 May 27 j 04:50	● New
-94 May 12 j 02:56	● New	-93 Sep 18 j 08:47	●	-91 Jan 25 j 05:49	○ Full	-90 Jun 03 j 11:11	●
-94 May 19 j 22:25	●	-93 Sep 26 j 04:36	● New	-91 Feb 02 j 08:53	●	-90 Jun 11 j 13:56	○ Full
-94 May 26 j 12:30	○ Full	-93 Oct 03 j 01:46	●	-91 Feb 09 j 04:17	● New	-90 Jun 18 j 19:03	●
-94 Jun 02 j 13:45	●	-93 Oct 10 j 04:17	○ Full	-91 Feb 15 j 21:41	●	-90 Jun 25 j 13:19	● New
-94 Jun 10 j 17:19	● New	-93 Oct 18 j 05:47	●	-91 Feb 23 j 23:50	○ Full	-90 Jul 03 j 03:53	●
-94 Jun 18 j 05:11	●	-93 Oct 25 j 16:52	● New	-91 Mar 03 j 21:45	●	-90 Jul 11 j 01:37	○ Full
-94 Jun 24 j 20:02	○ Full	-93 Nov 01 j 09:59	●	-91 Mar 10 j 12:56	● New	-90 Jul 17 j 23:50	●
-94 Jul 02 j 05:15	●	-93 Nov 08 j 20:41	○ Full	-91 Mar 17 j 12:14	●	-90 Jul 24 j 23:33	● New
-94 Jul 10 j 06:35	● New	-93 Nov 17 j 02:07	●	-91 Mar 25 j 16:15	○ Full	-90 Aug 01 j 21:59	●
-94 Jul 17 j 10:20	●	-93 Nov 24 j 04:34	● New	-91 Apr 02 j 06:41	●	-90 Aug 09 j 11:52	○ Full
-94 Jul 24 j 05:24	○ Full	-93 Nov 30 j 20:19	●	-91 Apr 08 j 21:12	● New	-90 Aug 16 j 05:24	●
-94 Jul 31 j 22:41	●	-93 Dec 08 j 15:39	○ Full	-91 Apr 16 j 04:17	●	-90 Aug 23 j 12:25	● New
-94 Aug 08 j 18:38	● New	-93 Dec 16 j 19:55	●	-91 Apr 24 j 06:32	○ Full	-90 Aug 31 j 16:20	●

Phases of Moon from -90 through 0 (UT), Astrodienst AG 6-Nov-2015 17:26, page 3

Attention, astronomical year style is used: The year -90 in astronomical counting style is the year 91 BCE in historical counting style.

-90 Sep 07 j 21:33	○ Full	-88 Jan 16 j 03:07	●	-87 May 24 j 12:27	● New	-86 Oct 01 j 04:40	●
-90 Sep 14 j 13:01	●	-88 Jan 22 j 17:53	○ Full	-87 May 31 j 06:52	●	-86 Oct 07 j 23:31	● New
-90 Sep 22 j 04:25	● New	-88 Jan 29 j 22:10	●	-87 Jun 07 j 11:08	○ Full	-86 Oct 14 j 17:34	●
-90 Sep 30 j 09:38	●	-88 Feb 07 j 02:21	● New	-87 Jun 15 j 12:56	●	-86 Oct 22 j 20:56	○ Full
-90 Oct 07 j 07:29	○ Full	-88 Feb 14 j 12:10	●	-87 Jun 22 j 20:49	● New	-86 Oct 30 j 18:07	●
-90 Oct 13 j 23:42	●	-88 Feb 21 j 04:33	○ Full	-87 Jun 29 j 12:17	●	-86 Nov 06 j 09:43	● New
-90 Oct 21 j 23:05	● New	-88 Feb 28 j 17:23	●	-87 Jul 07 j 00:09	○ Full	-86 Nov 13 j 10:31	●
-90 Oct 30 j 00:51	●	-88 Mar 07 j 17:12	● New	-87 Jul 15 j 04:34	●	-86 Nov 21 j 15:38	○ Full
-90 Nov 05 j 18:03	○ Full	-88 Mar 14 j 18:35	●	-87 Jul 22 j 04:28	● New	-86 Nov 29 j 05:16	●
-90 Nov 12 j 14:06	●	-88 Mar 21 j 15:55	○ Full	-87 Jul 28 j 19:50	●	-86 Dec 05 j 21:01	● New
-90 Nov 20 j 18:52	● New	-88 Mar 29 j 12:16	●	-87 Aug 05 j 15:27	○ Full	-86 Dec 13 j 06:46	●
-90 Nov 28 j 13:34	●	-88 Apr 06 j 05:07	● New	-87 Aug 13 j 18:14	●	-86 Dec 21 j 09:03	○ Full
-90 Dec 05 j 05:15	○ Full	-88 Apr 12 j 23:44	●	-87 Aug 20 j 12:27	● New	-86 Dec 28 j 14:13	●
-90 Dec 12 j 08:11	●	-88 Apr 20 j 04:16	○ Full	-87 Aug 27 j 06:35	●	-85 Jan 04 j 09:48	● New
-90 Dec 20 j 13:37	● New	-88 Apr 28 j 05:44	●	-87 Sep 04 j 08:37	○ Full	-85 Jan 12 j 04:19	●
-90 Dec 27 j 23:49	●	-88 May 05 j 14:22	● New	-87 Sep 12 j 05:54	●	-85 Jan 20 j 00:15	○ Full
-89 Jan 03 j 17:01	○ Full	-88 May 12 j 05:07	●	-87 Sep 18 j 21:32	● New	-85 Jan 26 j 21:41	●
-89 Jan 11 j 04:51	●	-88 May 19 j 17:41	○ Full	-87 Sep 25 j 21:18	●	-85 Feb 03 j 00:05	● New
-89 Jan 19 j 05:53	● New	-88 May 27 j 21:08	●	-87 Oct 04 j 02:25	○ Full	-85 Feb 11 j 01:02	●
-89 Jan 26 j 08:04	●	-88 Jun 03 j 21:45	● New	-87 Oct 11 j 15:53	●	-85 Feb 18 j 12:43	○ Full
-89 Feb 02 j 05:32	○ Full	-88 Jun 10 j 12:11	●	-87 Oct 18 j 08:08	● New	-85 Feb 25 j 04:46	●
-89 Feb 10 j 02:02	●	-88 Jun 18 j 08:03	○ Full	-87 Oct 25 j 16:05	●	-85 Mar 04 j 15:26	● New
-89 Feb 17 j 19:12	● New	-88 Jun 26 j 10:08	●	-87 Nov 02 j 19:27	○ Full	-85 Mar 12 j 19:19	●
-89 Feb 24 j 15:03	●	-88 Jul 03 j 04:22	● New	-87 Nov 10 j 00:44	●	-85 Mar 19 j 22:28	○ Full
-89 Mar 03 j 19:06	○ Full	-88 Jul 09 j 22:01	●	-87 Nov 16 j 20:31	● New	-85 Mar 26 j 12:40	●
-89 Mar 11 j 21:33	●	-88 Jul 17 j 23:17	○ Full	-87 Nov 24 j 13:46	●	-85 Apr 03 j 07:09	● New
-89 Mar 19 j 05:52	● New	-88 Jul 25 j 20:44	●	-87 Dec 02 j 10:46	○ Full	-85 Apr 11 j 10:15	●
-89 Mar 25 j 21:47	●	-88 Aug 01 j 11:29	● New	-87 Dec 09 j 09:05	●	-85 Apr 18 j 06:10	○ Full
-89 Apr 02 j 09:48	○ Full	-88 Aug 08 j 11:14	●	-87 Dec 16 j 10:54	● New	-85 Apr 24 j 22:18	●
-89 Apr 10 j 14:00	●	-88 Aug 16 j 15:01	○ Full	-87 Dec 24 j 12:03	●	-85 May 02 j 22:38	● New
-89 Apr 17 j 14:30	● New	-88 Aug 24 j 05:17	●	-86 Jan 01 j 00:07	○ Full	-85 May 10 j 21:37	●
-89 Apr 24 j 05:21	●	-88 Aug 30 j 20:15	● New	-86 Jan 07 j 17:34	●	-85 May 17 j 12:52	○ Full
-89 May 02 j 01:13	○ Full	-88 Sep 07 j 03:58	●	-86 Jan 15 j 03:16	● New	-85 May 24 j 10:10	●
-89 May 10 j 03:01	●	-88 Sep 15 j 06:42	○ Full	-86 Jan 23 j 08:20	●	-85 Jun 01 j 13:29	● New
-89 May 16 j 21:45	● New	-88 Sep 22 j 12:36	●	-86 Jan 30 j 11:35	○ Full	-85 Jun 09 j 05:49	●
-89 May 23 j 14:51	●	-88 Sep 29 j 07:27	● New	-86 Feb 06 j 02:53	●	-85 Jun 15 j 19:47	○ Full
-89 May 31 j 16:35	○ Full	-88 Oct 06 j 23:42	●	-86 Feb 13 j 20:55	● New	-85 Jun 23 j 00:26	●
-89 Jun 08 j 13:01	●	-88 Oct 14 j 21:32	○ Full	-86 Feb 22 j 00:57	●	-85 Jul 01 j 03:27	● New
-89 Jun 15 j 04:29	● New	-88 Oct 21 j 19:47	●	-86 Feb 28 j 21:21	○ Full	-85 Jul 08 j 11:46	●
-89 Jun 22 j 03:09	●	-88 Oct 28 j 21:23	● New	-86 Mar 07 j 13:40	●	-85 Jul 15 j 04:07	○ Full
-89 Jun 30 j 07:14	○ Full	-88 Nov 05 j 21:10	●	-86 Mar 15 j 14:33	● New	-85 Jul 22 j 16:58	●
-89 Jul 07 j 20:43	●	-88 Nov 13 j 10:59	○ Full	-86 Mar 23 j 13:31	●	-85 Jul 30 j 16:21	● New
-89 Jul 14 j 11:46	● New	-88 Nov 20 j 04:00	●	-86 Mar 30 j 05:43	○ Full	-85 Aug 06 j 16:49	●
-89 Jul 21 j 18:32	●	-88 Nov 27 j 13:47	● New	-86 Apr 06 j 02:24	●	-85 Aug 13 j 14:46	○ Full
-89 Jul 29 j 20:55	○ Full	-88 Dec 05 j 18:21	●	-86 Apr 14 j 06:44	● New	-85 Aug 21 j 11:19	●
-89 Aug 06 j 03:00	●	-88 Dec 12 j 22:54	○ Full	-86 Apr 21 j 22:29	●	-85 Aug 29 j 04:08	● New
-89 Aug 12 j 20:47	● New	-88 Dec 19 j 14:07	●	-86 Apr 28 j 13:20	○ Full	-85 Sep 04 j 22:30	●
-89 Aug 20 j 12:36	●	-88 Dec 27 j 08:00	● New	-86 May 05 j 17:12	●	-85 Sep 12 j 04:12	○ Full
-89 Aug 28 j 09:45	○ Full	-87 Jan 04 j 13:01	●	-86 May 13 j 20:46	● New	-85 Sep 20 j 06:37	●
-89 Sep 04 j 08:55	●	-87 Jan 11 j 09:36	○ Full	-86 May 21 j 04:47	●	-85 Sep 27 j 15:00	● New
-89 Sep 11 j 08:38	● New	-87 Jan 18 j 02:30	●	-86 May 27 j 21:10	○ Full	-85 Oct 04 j 06:15	●
-89 Sep 19 j 08:16	●	-87 Jan 26 j 02:56	● New	-86 Jun 04 j 09:42	●	-85 Oct 11 j 20:28	○ Full
-89 Sep 26 j 21:58	○ Full	-87 Feb 03 j 03:40	●	-86 Jun 12 j 08:42	● New	-85 Oct 20 j 01:28	●
-89 Oct 03 j 15:41	●	-87 Feb 09 j 19:28	○ Full	-86 Jun 19 j 09:33	●	-85 Oct 27 j 01:25	● New
-89 Oct 10 j 23:52	● New	-87 Feb 16 j 16:58	●	-86 Jun 26 j 06:27	○ Full	-85 Nov 02 j 17:08	●
-89 Oct 19 j 04:07	●	-87 Feb 24 j 21:08	● New	-86 Jul 04 j 03:07	●	-85 Nov 10 j 15:04	○ Full
-89 Oct 26 j 09:40	○ Full	-87 Mar 04 j 14:07	●	-86 Jul 11 j 19:06	● New	-85 Nov 18 j 18:15	●
-89 Nov 02 j 00:37	●	-87 Mar 11 j 04:53	○ Full	-86 Jul 18 j 14:09	●	-85 Nov 25 j 11:56	● New
-89 Nov 09 j 17:59	● New	-87 Mar 18 j 09:05	●	-86 Jul 25 j 18:13	○ Full	-85 Dec 02 j 07:30	●
-89 Nov 17 j 22:40	●	-87 Mar 26 j 13:09	● New	-86 Aug 02 j 20:35	●	-85 Dec 10 j 10:48	○ Full
-89 Nov 24 j 20:50	○ Full	-87 Apr 02 j 21:13	●	-86 Aug 10 j 04:40	● New	-85 Dec 18 j 07:50	●
-89 Dec 01 j 12:40	●	-87 Apr 09 j 14:14	○ Full	-86 Aug 16 j 20:06	●	-85 Dec 24 j 22:54	● New
-89 Dec 09 j 13:34	● New	-87 Apr 17 j 02:18	●	-86 Aug 24 j 08:56	○ Full	-84 Jan 01 j 00:54	●
-89 Dec 17 j 14:36	●	-87 Apr 25 j 02:12	● New	-86 Sep 01 j 13:18	●	-84 Jan 09 j 05:52	○ Full
-89 Dec 24 j 07:29	○ Full	-87 May 02 j 02:18	●	-86 Sep 08 j 13:59	● New	-84 Jan 16 j 18:05	●
-89 Dec 31 j 04:07	●	-87 May 09 j 00:04	○ Full	-86 Sep 15 j 04:51	●	-84 Jan 23 j 10:22	● New
-88 Jan 08 j 08:51	● New	-87 May 16 j 19:53	●	-86 Sep 23 j 02:13	○ Full	-84 Jan 30 j 20:18	●

Phases of Moon from -84 through 0 (UT), Astrodienst AG 6-Nov-2015 17:26, page 4

Attention, astronomical year style is used: The year -84 in astronomical counting style is the year 85 BCE in historical counting style.

-84 Feb 07 j 22:32	○ Full	-83 Jun 16 j 10:48	● New	-82 Oct 23 j 17:59	● New	-80 Mar 01 j 15:38	● New
-84 Feb 15 j 01:43	● New	-83 Jun 23 j 13:05	○ Full	-82 Oct 31 j 10:26	● New	-80 Mar 09 j 04:48	● New
-84 Feb 21 j 22:17	● New	-83 Jun 30 j 03:26	● New	-82 Nov 07 j 01:32	○ Full	-80 Mar 15 j 22:31	● New
-84 Feb 29 j 16:17	● New	-83 Jul 07 j 21:30	● New	-82 Nov 14 j 08:06	● New	-80 Mar 23 j 05:55	○ Full
-84 Mar 08 j 11:51	○ Full	-83 Jul 16 j 00:28	● New	-82 Nov 22 j 12:11	● New	-80 Mar 31 j 09:36	● New
-84 Mar 15 j 07:55	● New	-83 Jul 22 j 20:32	○ Full	-82 Nov 29 j 19:41	● New	-80 Apr 07 j 14:15	● New
-84 Mar 22 j 10:43	● New	-83 Jul 29 j 12:32	● New	-82 Dec 06 j 14:13	○ Full	-80 Apr 14 j 05:15	● New
-84 Mar 30 j 11:19	● New	-83 Aug 06 j 13:30	● New	-82 Dec 14 j 05:19	● New	-80 Apr 21 j 20:47	○ Full
-84 Apr 06 j 22:01	○ Full	-83 Aug 14 j 12:14	● New	-82 Dec 22 j 04:30	● New	-80 Apr 30 j 00:20	● New
-84 Apr 13 j 13:54	● New	-83 Aug 21 j 04:19	○ Full	-82 Dec 29 j 03:45	● New	-80 May 06 j 22:01	● New
-84 Apr 20 j 23:57	● New	-83 Aug 28 j 01:30	● New	-81 Jan 05 j 04:26	○ Full	-80 May 13 j 13:24	● New
-84 Apr 29 j 04:02	● New	-83 Sep 05 j 06:04	● New	-81 Jan 13 j 03:10	● New	-80 May 21 j 12:09	○ Full
-84 May 06 j 05:58	○ Full	-83 Sep 12 j 22:19	● New	-81 Jan 20 j 18:03	● New	-80 May 29 j 11:53	● New
-84 May 12 j 20:48	● New	-83 Sep 19 j 13:18	○ Full	-81 Jan 27 j 11:37	● New	-80 Jun 05 j 04:52	● New
-84 May 20 j 14:12	● New	-83 Sep 26 j 18:39	● New	-81 Feb 03 j 19:46	○ Full	-80 Jun 12 j 00:00	● New
-84 May 28 j 17:43	● New	-83 Oct 04 j 22:29	● New	-81 Feb 11 j 23:26	● New	-80 Jun 20 j 03:15	○ Full
-84 Jun 04 j 12:53	○ Full	-83 Oct 12 j 07:04	● New	-81 Feb 19 j 04:53	● New	-80 Jun 27 j 20:49	● New
-84 Jun 11 j 05:34	● New	-83 Oct 19 j 00:23	○ Full	-81 Feb 25 j 20:08	● New	-80 Jul 04 j 11:44	● New
-84 Jun 19 j 05:24	● New	-83 Oct 26 j 15:07	● New	-81 Mar 05 j 11:52	○ Full	-80 Jul 11 j 13:44	● New
-84 Jun 27 j 04:23	● New	-83 Nov 03 j 14:09	● New	-81 Mar 13 j 16:19	● New	-80 Jul 19 j 17:36	○ Full
-84 Jul 03 j 19:51	○ Full	-83 Nov 10 j 15:01	● New	-81 Mar 20 j 13:41	● New	-80 Jul 27 j 03:55	● New
-84 Jul 10 j 17:05	● New	-83 Nov 17 j 14:09	○ Full	-81 Mar 27 j 05:54	● New	-80 Aug 02 j 19:47	● New
-84 Jul 18 j 20:56	● New	-83 Nov 25 j 13:02	● New	-81 Apr 04 j 04:14	○ Full	-80 Aug 10 j 06:36	● New
-84 Jul 26 j 12:45	● New	-83 Dec 03 j 04:31	● New	-81 Apr 12 j 05:03	● New	-80 Aug 18 j 07:06	○ Full
-84 Aug 02 j 03:44	○ Full	-83 Dec 09 j 23:04	● New	-81 Apr 18 j 21:20	● New	-80 Aug 25 j 10:05	● New
-84 Aug 09 j 07:57	● New	-83 Dec 17 j 06:30	○ Full	-81 Apr 25 j 17:20	● New	-80 Sep 01 j 06:11	● New
-84 Aug 17 j 12:01	● New	-83 Dec 25 j 10:15	● New	-81 May 03 j 20:07	○ Full	-80 Sep 09 j 01:49	● New
-84 Aug 24 j 19:47	● New	-82 Jan 01 j 17:08	● New	-81 May 11 j 14:02	● New	-80 Sep 16 j 19:54	○ Full
-84 Aug 31 j 13:19	○ Full	-82 Jan 08 j 08:14	● New	-81 May 18 j 04:41	● New	-80 Sep 23 j 16:27	● New
-84 Sep 08 j 02:14	● New	-82 Jan 16 j 00:29	○ Full	-81 May 25 j 06:47	● New	-80 Sep 30 j 19:48	● New
-84 Sep 16 j 02:04	● New	-82 Jan 24 j 04:52	● New	-81 Jun 02 j 10:40	○ Full	-80 Oct 08 j 22:02	● New
-84 Sep 23 j 02:34	● New	-82 Jan 31 j 03:48	● New	-81 Jun 09 j 20:20	● New	-80 Oct 16 j 08:08	○ Full
-84 Sep 30 j 01:18	○ Full	-82 Feb 06 j 19:17	● New	-81 Jun 16 j 12:33	● New	-80 Oct 23 j 00:14	● New
-84 Oct 07 j 22:57	● New	-82 Feb 14 j 18:41	○ Full	-81 Jun 23 j 22:25	● New	-80 Oct 30 j 12:40	● New
-84 Oct 15 j 15:01	● New	-82 Feb 22 j 19:45	● New	-81 Jul 01 j 23:26	○ Full	-80 Nov 07 j 17:40	● New
-84 Oct 22 j 10:08	● New	-82 Mar 01 j 12:49	● New	-81 Jul 09 j 01:21	● New	-80 Nov 14 j 19:45	○ Full
-84 Oct 29 j 16:13	○ Full	-82 Mar 08 j 08:28	● New	-81 Jul 15 j 21:46	● New	-80 Nov 21 j 10:36	● New
-84 Nov 06 j 20:07	● New	-82 Mar 16 j 11:48	○ Full	-81 Jul 23 j 16:00	● New	-80 Nov 29 j 07:45	● New
-84 Nov 14 j 03:10	● New	-82 Mar 24 j 06:33	● New	-81 Jul 31 j 10:32	○ Full	-80 Dec 07 j 11:15	● New
-84 Nov 20 j 19:19	● New	-82 Mar 30 j 20:57	● New	-81 Aug 07 j 06:29	● New	-80 Dec 14 j 06:40	○ Full
-84 Nov 28 j 10:01	○ Full	-82 Apr 06 j 23:30	● New	-81 Aug 14 j 09:15	● New	-80 Dec 21 j 00:14	● New
-84 Dec 06 j 15:33	● New	-82 Apr 15 j 03:06	○ Full	-81 Aug 22 j 10:37	● New	-80 Dec 29 j 03:22	● New
-84 Dec 13 j 14:42	● New	-82 Apr 22 j 13:48	● New	-81 Aug 29 j 20:40	○ Full	-79 Jan 06 j 01:38	● New
-84 Dec 20 j 06:48	● New	-82 Apr 29 j 05:10	● New	-81 Sep 05 j 13:01	● New	-79 Jan 12 j 17:04	○ Full
-84 Dec 28 j 05:37	○ Full	-82 May 06 j 15:48	● New	-81 Sep 12 j 23:46	● New	-79 Jan 19 j 16:53	○ Full
-83 Jan 05 j 07:42	● New	-82 May 14 j 16:14	○ Full	-81 Sep 21 j 04:56	● New	-79 Jan 27 j 21:49	● New
-83 Jan 12 j 01:34	● New	-82 May 21 j 18:42	● New	-81 Sep 28 j 06:39	○ Full	-79 Feb 04 j 12:21	● New
-83 Jan 18 j 20:53	● New	-82 May 28 j 14:25	● New	-81 Oct 04 j 22:07	● New	-79 Feb 11 j 03:19	○ Full
-83 Jan 27 j 01:01	○ Full	-82 Jun 05 j 08:45	● New	-81 Oct 12 j 17:22	● New	-79 Feb 18 j 11:24	● New
-83 Feb 03 j 20:06	● New	-82 Jun 13 j 03:15	○ Full	-81 Oct 20 j 21:38	● New	-79 Feb 26 j 13:58	● New
-83 Feb 10 j 11:40	● New	-82 Jun 19 j 22:50	● New	-81 Oct 27 j 17:04	○ Full	-79 Mar 05 j 19:51	● New
-83 Feb 17 j 13:21	● New	-82 Jun 27 j 01:25	● New	-81 Nov 03 j 10:37	● New	-79 Mar 12 j 14:00	○ Full
-83 Feb 25 j 18:17	○ Full	-82 Jul 05 j 01:50	● New	-81 Nov 11 j 12:59	● New	-79 Mar 20 j 06:20	● New
-83 Mar 05 j 05:03	● New	-82 Jul 12 j 12:34	○ Full	-81 Nov 19 j 11:53	● New	-79 Mar 28 j 03:16	● New
-83 Mar 11 j 21:18	● New	-82 Jul 19 j 03:51	● New	-81 Nov 26 j 04:02	○ Full	-79 Apr 04 j 01:17	● New
-83 Mar 19 j 07:24	● New	-82 Jul 26 j 14:35	● New	-81 Dec 03 j 02:51	● New	-79 Apr 11 j 01:33	○ Full
-83 Mar 27 j 08:32	○ Full	-82 Aug 03 j 18:25	● New	-81 Dec 11 j 08:35	● New	-79 Apr 19 j 00:26	● New
-83 Apr 03 j 11:25	● New	-82 Aug 10 j 20:55	○ Full	-81 Dec 18 j 23:29	● New	-79 Apr 26 j 13:44	● New
-83 Apr 10 j 07:09	● New	-82 Aug 17 j 11:19	● New	-81 Dec 25 j 15:28	○ Full	-79 May 03 j 06:11	● New
-83 Apr 18 j 01:46	● New	-82 Aug 25 j 06:01	● New	-80 Jan 01 j 22:16	● New	-79 May 10 j 14:12	○ Full
-83 Apr 25 j 19:55	○ Full	-82 Sep 02 j 09:47	● New	-80 Jan 10 j 02:14	● New	-79 May 18 j 16:55	● New
-83 May 02 j 16:20	● New	-82 Sep 09 j 05:17	○ Full	-80 Jan 17 j 08:39	● New	-79 May 25 j 21:55	● New
-83 May 09 j 18:08	● New	-82 Sep 15 j 22:20	● New	-80 Jan 24 j 03:23	○ Full	-79 Jun 01 j 12:05	● New
-83 May 17 j 19:10	● New	-82 Sep 23 j 23:27	● New	-80 Jan 31 j 19:15	● New	-79 Jun 09 j 03:58	○ Full
-83 May 25 j 05:09	○ Full	-82 Oct 01 j 23:14	● New	-80 Feb 08 j 16:58	● New	-79 Jun 17 j 07:17	● New
-83 May 31 j 21:11	● New	-82 Oct 08 j 14:36	○ Full	-80 Feb 15 j 16:01	● New	-79 Jun 24 j 04:49	● New
-83 Jun 08 j 06:53	● New	-82 Oct 15 j 13:22	● New	-80 Feb 22 j 16:05	○ Full	-79 Jun 30 j 20:17	● New

Phases of Moon from -79 through 0 (UT), Astrodienst AG 6-Nov-2015 17:26, page 5

Attention, astronomical year style is used: The year -79 in astronomical counting style is the year 80 BCE in historical counting style.

-79 Jul 08 j 18:50	○ Full	-78 Nov 15 j 06:35	● New	-76 Mar 24 j 02:48	● New	-75 Jul 31 j 03:30	● New
-79 Jul 16 j 19:20	● New	-78 Nov 23 j 07:35	○ Full	-76 Apr 01 j 06:43	○ Full	-75 Aug 08 j 08:04	● New
-79 Jul 23 j 11:38	● New	-78 Nov 30 j 09:33	● New	-76 Apr 08 j 06:24	○ Full	-75 Aug 15 j 20:24	○ Full
-79 Jul 30 j 07:43	○ Full	-78 Dec 07 j 07:44	● New	-76 Apr 14 j 20:59	● New	-75 Aug 22 j 12:13	○ Full
-79 Aug 07 j 10:33	○ Full	-78 Dec 15 j 04:54	○ Full	-76 Apr 22 j 18:15	● New	-75 Aug 29 j 20:12	○ Full
-79 Aug 15 j 05:10	○ Full	-78 Dec 22 j 22:00	○ Full	-76 Apr 30 j 19:54	○ Full	-75 Sep 06 j 22:59	● New
-79 Aug 21 j 19:35	● New	-78 Dec 29 j 17:49	○ Full	-76 May 07 j 13:21	○ Full	-75 Sep 14 j 03:26	○ Full
-79 Aug 28 j 22:45	○ Full	-77 Jan 05 j 22:59	● New	-76 May 14 j 07:24	○ Full	-75 Sep 20 j 23:02	○ Full
-79 Sep 06 j 02:37	○ Full	-77 Jan 14 j 02:26	○ Full	-76 May 22 j 09:23	● New	-75 Sep 28 j 16:03	○ Full
-79 Sep 13 j 13:17	○ Full	-77 Jan 21 j 10:22	○ Full	-76 May 30 j 05:43	● New	-75 Oct 06 j 12:46	● New
-79 Sep 20 j 05:38	● New	-77 Jan 28 j 02:26	○ Full	-76 Jun 05 j 19:57	○ Full	-75 Oct 13 j 10:40	○ Full
-79 Sep 27 j 17:12	○ Full	-77 Feb 04 j 15:52	● New	-76 Jun 12 j 20:16	○ Full	-75 Oct 20 j 12:29	○ Full
-79 Oct 05 j 18:17	○ Full	-77 Feb 12 j 20:58	○ Full	-76 Jun 20 j 23:53	● New	-75 Oct 28 j 13:29	○ Full
-79 Oct 12 j 20:36	○ Full	-77 Feb 19 j 20:51	○ Full	-76 Jun 28 j 12:49	○ Full	-75 Nov 05 j 01:31	● New
-79 Oct 19 j 18:16	● New	-77 Feb 26 j 12:07	○ Full	-76 Jul 05 j 03:26	○ Full	-75 Nov 11 j 19:00	○ Full
-79 Oct 27 j 14:10	○ Full	-77 Mar 06 j 09:26	● New	-76 Jul 12 j 11:39	○ Full	-75 Nov 19 j 04:55	○ Full
-79 Nov 04 j 08:44	○ Full	-77 Mar 14 j 11:31	○ Full	-76 Jul 20 j 13:32	● New	-75 Nov 27 j 10:13	○ Full
-79 Nov 11 j 04:16	○ Full	-77 Mar 21 j 05:42	○ Full	-76 Jul 27 j 18:20	○ Full	-75 Dec 04 j 13:28	● New
-79 Nov 18 j 09:30	● New	-77 Mar 27 j 23:29	○ Full	-76 Aug 03 j 12:52	○ Full	-75 Dec 11 j 05:12	○ Full
-79 Nov 26 j 11:55	○ Full	-77 Apr 05 j 02:18	● New	-76 Aug 11 j 05:16	○ Full	-75 Dec 18 j 23:45	○ Full
-79 Dec 03 j 21:32	○ Full	-77 Apr 12 j 22:12	○ Full	-76 Aug 19 j 02:09	● New	-75 Dec 27 j 04:14	○ Full
-79 Dec 10 j 13:19	○ Full	-77 Apr 19 j 13:24	○ Full	-76 Aug 25 j 23:40	○ Full	-74 Jan 03 j 00:39	● New
-79 Dec 18 j 02:49	● New	-77 Apr 26 j 12:56	○ Full	-76 Sep 02 j 00:56	○ Full	-74 Jan 09 j 17:44	○ Full
-79 Dec 26 j 08:10	○ Full	-77 May 04 j 17:23	● New	-76 Sep 10 j 00:29	○ Full	-74 Jan 17 j 19:24	○ Full
-78 Jan 02 j 08:48	○ Full	-77 May 12 j 05:44	○ Full	-76 Sep 17 j 13:43	● New	-74 Jan 25 j 18:33	○ Full
-78 Jan 09 j 00:22	○ Full	-77 May 18 j 20:51	○ Full	-76 Sep 24 j 06:20	○ Full	-74 Feb 01 j 10:59	● New
-78 Jan 16 j 21:24	● New	-77 May 26 j 04:26	○ Full	-76 Oct 01 j 15:55	○ Full	-74 Feb 08 j 08:44	○ Full
-78 Jan 25 j 00:58	○ Full	-77 Jun 03 j 06:23	● New	-76 Oct 09 j 20:04	○ Full	-74 Feb 16 j 13:46	○ Full
-78 Jan 31 j 18:55	○ Full	-77 Jun 10 j 11:10	○ Full	-76 Oct 17 j 00:32	● New	-74 Feb 24 j 05:06	○ Full
-78 Feb 07 j 13:31	○ Full	-77 Jun 17 j 05:10	○ Full	-76 Oct 23 j 15:37	○ Full	-74 Mar 02 j 20:33	● New
-78 Feb 15 j 15:58	● New	-77 Jun 24 j 21:27	○ Full	-76 Oct 31 j 09:32	○ Full	-74 Mar 10 j 01:47	○ Full
-78 Feb 23 j 13:27	○ Full	-77 Jul 02 j 17:37	● New	-76 Nov 08 j 14:21	○ Full	-74 Mar 18 j 05:27	○ Full
-78 Mar 02 j 04:18	○ Full	-77 Jul 09 j 15:44	○ Full	-76 Nov 15 j 11:06	● New	-74 Mar 25 j 12:34	○ Full
-78 Mar 09 j 04:31	○ Full	-77 Jul 16 j 15:32	○ Full	-76 Nov 22 j 04:12	○ Full	-74 Apr 01 j 05:56	● New
-78 Mar 17 j 09:04	● New	-77 Jul 24 j 15:08	○ Full	-76 Nov 30 j 04:57	○ Full	-74 Apr 08 j 19:53	○ Full
-78 Mar 24 j 22:01	○ Full	-77 Aug 01 j 03:44	● New	-76 Dec 08 j 05:49	○ Full	-74 Apr 16 j 18:08	○ Full
-78 Mar 31 j 13:24	○ Full	-77 Aug 07 j 20:53	○ Full	-76 Dec 14 j 21:50	● New	-74 Apr 23 j 17:57	○ Full
-78 Apr 07 j 20:55	○ Full	-77 Aug 15 j 04:48	○ Full	-76 Dec 21 j 20:01	○ Full	-74 Apr 30 j 15:59	● New
-78 Apr 15 j 23:34	● New	-77 Aug 23 j 08:36	○ Full	-76 Dec 30 j 00:35	○ Full	-74 May 08 j 13:46	○ Full
-78 Apr 23 j 03:52	○ Full	-77 Aug 30 j 13:21	● New	-75 Jan 06 j 17:46	○ Full	-74 May 16 j 04:22	○ Full
-78 Apr 29 j 22:41	○ Full	-77 Sep 06 j 04:07	○ Full	-75 Jan 13 j 08:56	● New	-74 May 22 j 22:33	○ Full
-78 May 07 j 14:13	○ Full	-77 Sep 13 j 21:01	○ Full	-75 Jan 20 j 14:19	○ Full	-74 May 30 j 03:38	● New
-78 May 15 j 11:10	● New	-77 Sep 22 j 01:04	○ Full	-75 Jan 28 j 18:35	○ Full	-74 Jun 07 j 06:24	○ Full
-78 May 22 j 08:28	○ Full	-77 Sep 28 j 22:56	● New	-75 Feb 05 j 02:31	○ Full	-74 Jun 14 j 12:55	○ Full
-78 May 29 j 08:51	○ Full	-77 Oct 05 j 14:47	○ Full	-75 Feb 11 j 20:23	● New	-74 Jun 21 j 03:50	○ Full
-78 Jun 06 j 07:37	○ Full	-77 Oct 13 j 15:22	○ Full	-75 Feb 19 j 09:55	○ Full	-74 Jun 28 j 17:16	● New
-78 Jun 13 j 20:25	● New	-77 Oct 21 j 15:53	○ Full	-75 Feb 27 j 09:31	○ Full	-74 Jul 06 j 21:16	○ Full
-78 Jun 20 j 13:14	○ Full	-77 Oct 28 j 08:54	● New	-75 Mar 06 j 09:09	○ Full	-74 Jul 13 j 20:38	○ Full
-78 Jun 27 j 20:43	○ Full	-77 Nov 04 j 05:39	○ Full	-75 Mar 13 j 08:14	● New	-74 Jul 20 j 11:17	○ Full
-78 Jul 06 j 00:13	○ Full	-77 Nov 12 j 10:25	○ Full	-75 Mar 21 j 05:23	○ Full	-74 Jul 28 j 08:45	● New
-78 Jul 13 j 04:25	● New	-77 Nov 20 j 04:27	○ Full	-75 Mar 28 j 21:05	○ Full	-74 Aug 05 j 10:16	○ Full
-78 Jul 19 j 19:32	○ Full	-77 Nov 26 j 19:38	● New	-75 Apr 04 j 14:54	○ Full	-74 Aug 12 j 04:18	○ Full
-78 Jul 27 j 10:54	○ Full	-77 Dec 04 j 00:22	○ Full	-75 Apr 11 j 20:43	● New	-74 Aug 18 j 22:12	○ Full
-78 Aug 04 j 15:12	○ Full	-77 Dec 12 j 04:43	○ Full	-75 Apr 19 j 23:17	○ Full	-74 Aug 27 j 01:20	● New
-78 Aug 11 j 12:18	● New	-77 Dec 19 j 14:33	○ Full	-75 Apr 27 j 05:57	○ Full	-74 Sep 03 j 21:31	○ Full
-78 Aug 18 j 04:33	○ Full	-77 Dec 26 j 07:34	● New	-75 May 03 j 20:59	○ Full	-74 Sep 10 j 12:44	○ Full
-78 Aug 26 j 03:24	○ Full	-76 Jan 02 j 21:23	○ Full	-75 May 11 j 10:14	● New	-74 Sep 17 j 13:20	○ Full
-78 Sep 03 j 04:13	○ Full	-76 Jan 10 j 21:09	○ Full	-75 May 19 j 14:35	○ Full	-74 Sep 25 j 18:11	● New
-78 Sep 09 j 20:57	● New	-76 Jan 17 j 22:35	○ Full	-75 May 26 j 13:13	○ Full	-74 Oct 03 j 07:11	○ Full
-78 Sep 16 j 17:15	○ Full	-76 Jan 24 j 20:54	● New	-75 Jun 02 j 04:30	○ Full	-74 Oct 09 j 22:47	○ Full
-78 Sep 24 j 21:18	○ Full	-76 Feb 01 j 18:36	○ Full	-75 Jun 10 j 00:54	● New	-74 Oct 17 j 08:24	○ Full
-78 Oct 02 j 15:19	○ Full	-76 Feb 09 j 10:57	○ Full	-75 Jun 18 j 02:53	○ Full	-74 Oct 25 j 10:34	● New
-78 Oct 09 j 06:54	● New	-76 Feb 16 j 05:31	○ Full	-75 Jun 24 j 20:04	○ Full	-74 Nov 01 j 15:39	○ Full
-78 Oct 16 j 10:06	○ Full	-76 Feb 23 j 11:29	● New	-75 Jul 01 j 14:25	○ Full	-74 Nov 08 j 11:13	○ Full
-78 Oct 24 j 15:08	○ Full	-76 Mar 02 j 14:06	○ Full	-75 Jul 09 j 16:26	● New	-74 Nov 16 j 05:56	○ Full
-78 Nov 01 j 00:55	○ Full	-76 Mar 09 j 21:54	○ Full	-75 Jul 17 j 12:33	○ Full	-74 Nov 24 j 01:50	● New
-78 Nov 07 j 18:26	● New	-76 Mar 16 j 12:37	○ Full	-75 Jul 24 j 03:28	○ Full	-74 Nov 30 j 23:35	○ Full

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Attention, astronomical year style is used: The year -74 in astronomical counting style is the year 75 BCE in historical counting style.

-74 Dec 08 j 02:16	○ Full	-72 Apr 15 j 15:01	● New	-71 Aug 23 j 04:31	● New	-70 Dec 30 j 23:01	● New
-74 Dec 16 j 03:48	● New	-72 Apr 23 j 15:35	○ Full	-71 Aug 30 j 19:26	● New	-69 Jan 07 j 16:01	● New
-74 Dec 23 j 15:27	● New	-72 May 01 j 13:36	● New	-71 Sep 07 j 17:27	○ Full	-69 Jan 15 j 21:08	● New
-74 Dec 30 j 07:58	● New	-72 May 08 j 04:46	● New	-71 Sep 14 j 17:29	● New	-69 Jan 22 j 18:19	○ Full
-73 Jan 06 j 19:26	○ Full	-72 May 15 j 03:08	● New	-71 Sep 21 j 16:33	● New	-69 Jan 29 j 10:52	● New
-73 Jan 14 j 23:55	● New	-72 May 23 j 06:51	○ Full	-71 Sep 29 j 15:35	● New	-69 Feb 06 j 10:34	● New
-73 Jan 22 j 03:02	● New	-72 May 30 j 21:11	● New	-71 Oct 07 j 06:16	○ Full	-69 Feb 14 j 11:46	● New
-73 Jan 28 j 17:46	● New	-72 Jun 06 j 12:11	● New	-71 Oct 14 j 00:32	● New	-69 Feb 21 j 03:50	○ Full
-73 Feb 05 j 13:27	○ Full	-72 Jun 13 j 17:29	● New	-71 Oct 21 j 07:56	● New	-69 Feb 28 j 00:37	● New
-73 Feb 13 j 16:44	● New	-72 Jun 21 j 20:39	○ Full	-71 Oct 29 j 11:58	● New	-69 Mar 08 j 04:24	● New
-73 Feb 20 j 12:39	● New	-72 Jun 29 j 02:48	● New	-71 Nov 05 j 18:25	○ Full	-69 Mar 15 j 22:09	● New
-73 Feb 27 j 05:32	● New	-72 Jul 05 j 20:35	● New	-71 Nov 12 j 09:30	● New	-69 Mar 22 j 12:48	○ Full
-73 Mar 07 j 07:01	○ Full	-72 Jul 13 j 10:10	● New	-71 Nov 20 j 02:07	● New	-69 Mar 29 j 16:00	● New
-73 Mar 15 j 05:32	● New	-72 Jul 21 j 08:44	○ Full	-71 Nov 28 j 06:57	● New	-69 Apr 06 j 20:11	● New
-73 Mar 21 j 20:54	● New	-72 Jul 28 j 07:51	● New	-71 Dec 05 j 05:47	○ Full	-69 Apr 14 j 05:09	● New
-73 Mar 28 j 19:21	● New	-72 Aug 04 j 06:51	● New	-71 Dec 11 j 21:22	● New	-69 Apr 20 j 21:41	○ Full
-73 Apr 05 j 23:09	○ Full	-72 Aug 12 j 04:34	● New	-71 Dec 19 j 21:39	● New	-69 Apr 28 j 08:40	● New
-73 Apr 13 j 14:26	● New	-72 Aug 19 j 19:32	○ Full	-71 Dec 27 j 23:09	● New	-69 May 06 j 09:12	● New
-73 Apr 20 j 04:45	● New	-72 Aug 26 j 13:39	● New	-70 Jan 03 j 16:20	○ Full	-69 May 13 j 10:08	● New
-73 Apr 27 j 10:47	● New	-72 Sep 02 j 19:51	● New	-70 Jan 10 j 12:21	● New	-69 May 20 j 07:08	○ Full
-73 May 05 j 13:20	○ Full	-72 Sep 10 j 23:32	● New	-70 Jan 18 j 16:45	● New	-69 May 28 j 02:01	● New
-73 May 12 j 20:20	● New	-72 Sep 18 j 05:46	○ Full	-70 Jan 26 j 11:43	● New	-69 Jun 04 j 19:35	● New
-73 May 19 j 13:13	● New	-72 Sep 24 j 21:26	● New	-70 Feb 02 j 02:25	○ Full	-69 Jun 11 j 14:37	● New
-73 May 27 j 03:19	● New	-72 Oct 02 j 12:05	● New	-70 Feb 09 j 05:46	● New	-69 Jun 18 j 17:56	○ Full
-73 Jun 04 j 01:27	○ Full	-72 Oct 10 j 17:31	● New	-70 Feb 17 j 10:02	● New	-69 Jun 26 j 19:13	● New
-73 Jun 11 j 00:39	● New	-72 Oct 17 j 16:08	○ Full	-70 Feb 24 j 20:39	● New	-69 Jul 04 j 04:12	● New
-73 Jun 17 j 23:10	● New	-72 Oct 24 j 08:10	● New	-70 Mar 03 j 12:33	○ Full	-69 Jul 10 j 19:58	● New
-73 Jun 25 j 20:25	● New	-72 Nov 01 j 07:01	● New	-70 Mar 11 j 00:21	● New	-69 Jul 18 j 06:53	○ Full
-73 Jul 03 j 11:42	○ Full	-72 Nov 09 j 09:21	● New	-70 Mar 19 j 00:42	● New	-69 Jul 26 j 11:20	● New
-73 Jul 10 j 05:03	● New	-72 Nov 16 j 02:57	○ Full	-70 Mar 26 j 02:49	● New	-69 Aug 02 j 12:11	● New
-73 Jul 17 j 11:11	● New	-72 Nov 22 j 22:29	● New	-70 Apr 01 j 23:20	○ Full	-69 Aug 09 j 03:28	● New
-73 Jul 25 j 13:32	● New	-72 Dec 01 j 02:59	● New	-70 Apr 09 j 18:45	● New	-69 Aug 16 j 22:22	○ Full
-73 Aug 01 j 20:38	○ Full	-72 Dec 08 j 22:27	● New	-70 Apr 17 j 12:29	● New	-69 Aug 25 j 01:42	● New
-73 Aug 08 j 11:09	● New	-72 Dec 15 j 14:09	○ Full	-70 Apr 24 j 07:39	● New	-69 Aug 31 j 20:33	● New
-73 Aug 16 j 01:33	● New	-72 Dec 22 j 16:16	● New	-70 May 01 j 11:10	○ Full	-69 Sep 07 j 14:15	● New
-73 Aug 24 j 05:56	● New	-72 Dec 30 j 21:49	● New	-70 May 09 j 12:03	● New	-69 Sep 15 j 15:56	○ Full
-73 Aug 31 j 05:06	○ Full	-71 Jan 07 j 08:49	● New	-70 May 16 j 21:43	● New	-69 Sep 23 j 14:05	● New
-73 Sep 06 j 20:19	● New	-71 Jan 14 j 01:38	○ Full	-70 May 23 j 12:43	● New	-69 Sep 30 j 05:59	● New
-73 Sep 14 j 18:13	● New	-71 Jan 21 j 12:29	● New	-70 May 31 j 00:12	○ Full	-69 Oct 07 j 05:03	● New
-73 Sep 22 j 20:47	● New	-71 Jan 29 j 14:01	● New	-70 Jun 08 j 03:37	● New	-69 Oct 15 j 10:15	○ Full
-73 Sep 29 j 14:02	○ Full	-71 Feb 05 j 16:54	● New	-70 Jun 15 j 05:10	● New	-69 Oct 23 j 00:41	● New
-73 Oct 06 j 09:22	● New	-71 Feb 12 j 13:38	○ Full	-70 Jun 21 j 19:29	● New	-69 Oct 29 j 16:48	● New
-73 Oct 14 j 12:33	● New	-71 Feb 20 j 09:12	● New	-70 Jun 29 j 14:30	○ Full	-69 Nov 05 j 23:54	● New
-73 Oct 22 j 09:26	● New	-71 Feb 28 j 03:10	● New	-70 Jul 07 j 17:05	● New	-69 Nov 14 j 03:45	○ Full
-73 Oct 29 j 00:14	○ Full	-71 Mar 06 j 23:31	● New	-70 Jul 14 j 11:58	● New	-69 Nov 21 j 09:54	○ Full
-73 Nov 05 j 02:20	○ Full	-71 Mar 14 j 02:33	○ Full	-70 Jul 21 j 05:08	● New	-69 Nov 28 j 05:12	● New
-73 Nov 13 j 07:19	● New	-71 Mar 22 j 04:23	● New	-70 Jul 29 j 05:56	○ Full	-69 Dec 05 j 21:36	● New
-73 Nov 20 j 19:48	● New	-71 Mar 29 j 13:38	● New	-70 Aug 06 j 04:18	● New	-69 Dec 13 j 19:21	○ Full
-73 Nov 27 j 12:04	○ Full	-71 Apr 05 j 05:45	● New	-70 Aug 12 j 19:20	● New	-69 Dec 20 j 18:17	● New
-73 Dec 04 j 22:27	● New	-71 Apr 12 j 16:39	○ Full	-70 Aug 19 j 18:21	● New	-69 Dec 27 j 19:20	● New
-73 Dec 13 j 00:52	● New	-71 Apr 20 j 20:43	● New	-70 Aug 27 j 22:10	○ Full	-68 Jan 04 j 19:48	● New
-73 Dec 20 j 04:23	● New	-71 Apr 27 j 22:04	● New	-70 Sep 04 j 13:30	● New	-68 Jan 12 j 08:44	○ Full
-73 Dec 27 j 01:27	○ Full	-71 May 04 j 12:47	● New	-70 Sep 11 j 04:23	● New	-68 Jan 19 j 02:30	● New
-72 Jan 03 j 20:10	● New	-71 May 12 j 07:40	○ Full	-70 Sep 18 j 11:14	● New	-68 Jan 26 j 11:14	● New
-72 Jan 11 j 15:53	● New	-71 May 20 j 09:53	● New	-70 Sep 26 j 14:27	○ Full	-68 Feb 03 j 15:58	● New
-72 Jan 18 j 12:09	● New	-71 May 27 j 05:14	● New	-70 Oct 03 j 21:22	● New	-68 Feb 10 j 20:02	○ Full
-72 Jan 25 j 16:02	○ Full	-71 Jun 02 j 21:48	● New	-70 Oct 10 j 15:48	● New	-68 Feb 17 j 11:17	● New
-72 Feb 02 j 17:22	● New	-71 Jun 10 j 22:57	○ Full	-70 Oct 18 j 07:14	● New	-68 Feb 25 j 04:20	● New
-72 Feb 10 j 03:57	● New	-71 Jun 18 j 20:14	● New	-70 Oct 26 j 05:53	○ Full	-68 Mar 04 j 08:30	● New
-72 Feb 16 j 20:02	● New	-71 Jun 25 j 11:58	● New	-70 Nov 02 j 04:53	● New	-68 Mar 11 j 05:30	○ Full
-72 Feb 24 j 07:30	○ Full	-71 Jul 02 j 09:47	● New	-70 Nov 09 j 05:49	● New	-68 Mar 17 j 21:23	● New
-72 Mar 03 j 12:01	● New	-71 Jul 10 j 13:50	○ Full	-70 Nov 17 j 05:00	● New	-68 Mar 25 j 21:29	● New
-72 Mar 10 j 13:32	● New	-71 Jul 18 j 04:23	● New	-70 Nov 24 j 19:43	○ Full	-68 Apr 02 j 21:01	● New
-72 Mar 17 j 04:48	● New	-71 Jul 24 j 19:20	● New	-70 Dec 01 j 13:09	● New	-68 Apr 09 j 13:31	○ Full
-72 Mar 24 j 23:32	○ Full	-71 Aug 01 j 01:08	● New	-70 Dec 08 j 22:06	● New	-68 Apr 16 j 09:25	● New
-72 Apr 02 j 02:49	● New	-71 Aug 09 j 04:00	○ Full	-70 Dec 17 j 02:23	● New	-68 Apr 24 j 13:25	● New
-72 Apr 08 j 21:30	● New	-71 Aug 16 j 11:09	● New	-70 Dec 24 j 07:46	○ Full	-68 May 02 j 06:02	● New

Phases of Moon from -68 through 0 (UT), Astrodienst AG 6-Nov-2015 17:26, page 7

Attention, astronomical year style is used: The year -68 in astronomical counting style is the year 69 BCE in historical counting style.

-68 May 08 j 20:49	○ Full	-67 Sep 15 j 07:01	●	-65 Jan 23 j 10:15	● New	-64 Jun 01 j 02:28	●
-68 May 15 j 23:39	●	-67 Sep 22 j 11:58	○ Full	-65 Jan 30 j 04:58	●	-64 Jun 07 j 21:30	● New
-68 May 24 j 03:27	● New	-67 Sep 30 j 14:02	●	-65 Feb 07 j 08:38	○ Full	-64 Jun 15 j 14:54	●
-68 May 31 j 12:27	●	-67 Oct 07 j 23:25	● New	-65 Feb 15 j 04:23	●	-64 Jun 23 j 10:19	○ Full
-68 Jun 07 j 04:25	○ Full	-67 Oct 14 j 14:57	●	-65 Feb 21 j 19:58	● New	-64 Jun 30 j 06:39	●
-68 Jun 14 j 15:53	●	-67 Oct 22 j 04:25	○ Full	-65 Feb 28 j 20:44	●	-64 Jul 07 j 08:22	● New
-68 Jun 22 j 15:37	● New	-67 Oct 30 j 09:29	●	-65 Mar 09 j 01:38	○ Full	-64 Jul 15 j 08:12	●
-68 Jun 29 j 17:22	●	-67 Nov 06 j 10:13	● New	-65 Mar 16 j 13:14	●	-64 Jul 22 j 20:01	○ Full
-68 Jul 06 j 13:34	○ Full	-67 Nov 13 j 01:49	●	-65 Mar 23 j 05:06	● New	-64 Jul 29 j 11:45	●
-68 Jul 14 j 09:24	●	-67 Nov 20 j 23:08	○ Full	-65 Mar 30 j 14:08	●	-64 Aug 05 j 21:34	● New
-68 Jul 22 j 02:25	● New	-67 Nov 29 j 02:45	●	-65 Apr 07 j 15:44	○ Full	-64 Aug 14 j 01:20	●
-68 Jul 28 j 22:08	●	-67 Dec 05 j 20:53	● New	-65 Apr 14 j 19:26	●	-64 Aug 21 j 04:49	○ Full
-68 Aug 05 j 01:21	○ Full	-67 Dec 12 j 15:58	●	-65 Apr 21 j 14:27	● New	-64 Aug 27 j 19:16	●
-68 Aug 13 j 03:19	●	-67 Dec 20 j 18:52	○ Full	-65 Apr 29 j 08:04	●	-64 Sep 04 j 13:14	● New
-68 Aug 20 j 12:28	● New	-67 Dec 28 j 16:35	●	-65 May 07 j 03:05	○ Full	-64 Sep 12 j 17:25	●
-68 Aug 27 j 04:13	●	-66 Jan 04 j 07:43	● New	-65 May 14 j 00:10	●	-64 Sep 19 j 13:37	○ Full
-68 Sep 03 j 16:14	○ Full	-66 Jan 11 j 08:55	●	-65 May 21 j 01:01	● New	-64 Sep 26 j 06:21	●
-68 Sep 11 j 20:42	●	-66 Jan 19 j 13:52	○ Full	-65 May 29 j 01:23	●	-64 Oct 04 j 07:02	● New
-68 Sep 18 j 22:16	● New	-66 Jan 27 j 02:50	●	-65 Jun 05 j 12:25	○ Full	-64 Oct 12 j 07:35	●
-68 Sep 25 j 13:05	●	-66 Feb 02 j 18:48	● New	-65 Jun 12 j 04:50	●	-64 Oct 18 j 23:17	○ Full
-68 Oct 03 j 09:49	○ Full	-66 Feb 10 j 03:44	●	-65 Jun 19 j 13:31	● New	-64 Oct 25 j 21:25	●
-68 Oct 11 j 12:48	●	-66 Feb 18 j 06:22	○ Full	-65 Jun 27 j 17:18	●	-64 Nov 03 j 01:59	● New
-68 Oct 18 j 08:12	● New	-66 Feb 25 j 10:17	●	-65 Jul 04 j 20:34	○ Full	-64 Nov 10 j 19:19	●
-68 Oct 25 j 01:49	●	-66 Mar 04 j 06:10	● New	-65 Jul 11 j 10:57	●	-64 Nov 17 j 10:21	○ Full
-68 Nov 02 j 04:52	○ Full	-66 Mar 11 j 23:11	●	-65 Jul 19 j 04:08	● New	-64 Nov 24 j 16:05	●
-68 Nov 10 j 02:50	●	-66 Mar 19 j 19:30	○ Full	-65 Jul 27 j 07:30	●	-64 Dec 02 j 20:30	● New
-68 Nov 16 j 18:35	● New	-66 Mar 26 j 16:09	●	-65 Aug 03 j 04:19	○ Full	-64 Dec 10 j 04:49	●
-68 Nov 23 j 18:41	●	-66 Apr 02 j 18:00	● New	-65 Aug 09 j 19:58	●	-64 Dec 16 j 22:56	○ Full
-68 Dec 01 j 23:51	○ Full	-66 Apr 10 j 17:51	●	-65 Aug 17 j 20:25	● New	-64 Dec 24 j 13:07	●
-68 Dec 09 j 14:19	●	-66 Apr 18 j 05:32	○ Full	-65 Aug 25 j 19:57	●	-63 Jan 01 j 12:57	● New
-68 Dec 16 j 05:50	● New	-66 Apr 24 j 21:44	●	-65 Sep 01 j 12:25	○ Full	-63 Jan 08 j 12:51	●
-68 Dec 23 j 14:41	●	-66 May 02 j 06:42	● New	-65 Sep 08 j 08:58	●	-63 Jan 15 j 12:45	○ Full
-68 Dec 31 j 17:23	○ Full	-66 May 10 j 10:32	●	-65 Sep 16 j 13:29	● New	-63 Jan 23 j 10:43	●
-67 Jan 07 j 23:18	●	-66 May 17 j 13:25	○ Full	-65 Sep 24 j 06:44	●	-63 Jan 31 j 02:26	● New
-67 Jan 14 j 18:17	● New	-66 May 24 j 04:13	●	-65 Sep 30 j 21:43	○ Full	-63 Feb 06 j 20:23	●
-67 Jan 22 j 11:53	●	-66 May 31 j 20:39	● New	-65 Oct 08 j 02:14	●	-63 Feb 14 j 03:32	○ Full
-67 Jan 30 j 08:32	○ Full	-66 Jun 09 j 00:28	●	-65 Oct 16 j 06:27	● New	-63 Feb 22 j 06:44	●
-67 Feb 06 j 06:31	●	-66 Jun 15 j 20:21	○ Full	-65 Oct 23 j 16:00	●	-63 Mar 01 j 13:03	● New
-67 Feb 13 j 08:01	● New	-66 Jun 22 j 12:39	●	-65 Oct 30 j 08:58	○ Full	-63 Mar 08 j 04:21	●
-67 Feb 21 j 08:15	●	-66 Jun 30 j 11:50	● New	-65 Nov 06 j 22:51	●	-63 Mar 15 j 19:02	○ Full
-67 Feb 28 j 20:48	○ Full	-66 Jul 08 j 11:37	●	-65 Nov 14 j 22:35	● New	-63 Mar 23 j 23:29	●
-67 Mar 07 j 13:09	●	-66 Jul 15 j 03:27	○ Full	-65 Nov 22 j 00:13	●	-63 Mar 30 j 21:34	● New
-67 Mar 14 j 22:44	● New	-66 Jul 21 j 23:59	●	-65 Nov 28 j 22:42	○ Full	-63 Apr 06 j 13:27	●
-67 Mar 23 j 02:18	●	-66 Jul 30 j 03:41	● New	-65 Dec 06 j 20:53	●	-63 Apr 14 j 10:55	○ Full
-67 Mar 30 j 06:19	○ Full	-66 Aug 06 j 20:33	●	-65 Dec 14 j 13:13	● New	-63 Apr 22 j 12:15	○ Full
-67 Apr 05 j 20:27	●	-66 Aug 13 j 11:33	○ Full	-65 Dec 21 j 08:13	●	-63 Apr 29 j 04:57	● New
-67 Apr 13 j 13:55	● New	-66 Aug 20 j 14:53	●	-65 Dec 28 j 14:47	○ Full	-63 May 06 j 00:16	●
-67 Apr 21 j 17:12	●	-66 Aug 28 j 19:19	● New	-64 Jan 05 j 18:06	●	-63 May 14 j 02:35	○ Full
-67 Apr 28 j 13:48	○ Full	-66 Sep 05 j 04:09	●	-64 Jan 13 j 01:50	● New	-63 May 21 j 21:23	●
-67 May 05 j 05:29	●	-66 Sep 11 j 21:22	○ Full	-64 Jan 19 j 17:02	●	-63 May 28 j 12:06	● New
-67 May 13 j 05:05	● New	-66 Sep 19 j 09:24	●	-64 Jan 27 j 08:20	○ Full	-63 Jun 04 j 13:15	●
-67 May 21 j 04:44	●	-66 Sep 27 j 09:59	● New	-64 Feb 04 j 12:41	●	-63 Jun 12 j 17:14	○ Full
-67 May 27 j 20:20	○ Full	-66 Oct 04 j 11:23	●	-64 Feb 11 j 12:17	● New	-63 Jun 20 j 03:58	●
-67 Jun 03 j 16:52	●	-66 Oct 11 j 09:31	○ Full	-64 Feb 18 j 03:28	●	-63 Jun 26 j 19:52	● New
-67 Jun 11 j 19:56	● New	-66 Oct 19 j 06:29	●	-64 Feb 26 j 02:02	○ Full	-63 Jul 04 j 04:43	●
-67 Jun 19 j 13:15	●	-66 Oct 26 j 23:30	● New	-64 Mar 05 j 03:30	●	-63 Jul 12 j 06:22	○ Full
-67 Jun 26 j 03:12	○ Full	-66 Nov 02 j 19:10	●	-64 Mar 11 j 20:57	● New	-63 Jul 19 j 09:17	●
-67 Jul 03 j 06:53	●	-66 Nov 10 j 00:29	○ Full	-64 Mar 18 j 15:55	●	-63 Jul 26 j 05:07	● New
-67 Jul 11 j 10:12	● New	-66 Nov 18 j 04:02	●	-64 Mar 26 j 18:46	○ Full	-63 Aug 02 j 22:28	●
-67 Jul 18 j 19:36	●	-66 Nov 25 j 11:59	● New	-64 Apr 03 j 14:16	●	-63 Aug 10 j 18:00	○ Full
-67 Jul 25 j 11:35	○ Full	-66 Dec 02 j 04:20	●	-64 Apr 10 j 04:41	● New	-63 Aug 17 j 14:41	●
-67 Aug 01 j 23:28	●	-66 Dec 09 j 18:12	○ Full	-64 Apr 17 j 06:16	●	-63 Aug 24 j 16:43	● New
-67 Aug 09 j 23:37	● New	-66 Dec 17 j 23:44	●	-64 Apr 25 j 09:53	○ Full	-63 Sep 01 j 17:34	●
-67 Aug 17 j 01:02	●	-66 Dec 24 j 23:35	● New	-64 May 02 j 21:31	●	-63 Sep 09 j 04:41	○ Full
-67 Aug 23 j 22:21	○ Full	-66 Dec 31 j 15:29	●	-64 May 09 j 12:32	● New	-63 Sep 15 j 21:28	●
-67 Aug 31 j 18:10	●	-65 Jan 08 j 13:33	○ Full	-64 May 16 j 22:05	●	-63 Sep 23 j 07:25	● New
-67 Sep 08 j 12:00	● New	-65 Jan 16 j 16:00	●	-64 May 24 j 23:03	○ Full	-63 Oct 01 j 12:33	●

Phases of Moon from -63 through 0 (UT), Astrodienst AG 6-Nov-2015 17:26, page 8

Attention, astronomical year style is used: The year -63 in astronomical counting style is the year 64 BCE in historical counting style.

-63 Oct 08 j 15:10	○ Full	-61 Feb 15 j 20:49	● New	-60 Jun 24 j 03:39	● New	-59 Nov 01 j 00:22	● New
-63 Oct 15 j 06:40	● New	-61 Feb 22 j 11:32	○ Full	-60 Jun 30 j 20:58	● New	-59 Nov 07 j 17:45	● New
-63 Oct 23 j 01:14	● New	-61 Mar 01 j 18:35	● New	-60 Jul 08 j 03:30	○ Full	-59 Nov 14 j 13:56	● New
-63 Oct 31 j 05:53	● New	-61 Mar 09 j 21:27	● New	-60 Jul 16 j 06:44	● New	-59 Nov 22 j 18:32	○ Full
-63 Nov 07 j 01:54	○ Full	-61 Mar 17 j 04:08	● New	-60 Jul 23 j 12:00	● New	-59 Nov 30 j 13:22	● New
-63 Nov 13 j 19:07	● New	-61 Mar 23 j 21:40	○ Full	-60 Jul 30 j 03:15	● New	-59 Dec 07 j 04:32	● New
-63 Nov 21 j 21:02	● New	-61 Mar 31 j 12:56	● New	-60 Aug 06 j 17:46	○ Full	-59 Dec 14 j 08:26	● New
-63 Nov 29 j 20:36	● New	-61 Apr 08 j 10:36	● New	-60 Aug 14 j 22:21	● New	-59 Dec 22 j 13:00	○ Full
-63 Dec 06 j 12:58	○ Full	-61 Apr 15 j 09:19	○ Full	-60 Aug 21 j 20:16	● New	-59 Dec 29 j 23:37	● New
-63 Dec 13 j 11:06	● New	-61 Apr 22 j 08:40	○ Full	-60 Aug 28 j 12:18	● New	-58 Jan 05 j 16:13	● New
-63 Dec 21 j 16:43	● New	-61 Apr 30 j 06:45	● New	-60 Sep 05 j 10:34	○ Full	-58 Jan 13 j 05:06	● New
-63 Dec 29 j 08:24	● New	-61 May 07 j 21:02	● New	-60 Sep 13 j 12:06	● New	-58 Jan 21 j 05:24	○ Full
-62 Jan 05 j 00:12	○ Full	-61 May 14 j 13:56	● New	-60 Sep 20 j 05:19	● New	-58 Jan 28 j 07:30	● New
-62 Jan 12 j 06:04	● New	-61 May 21 j 20:53	○ Full	-60 Sep 27 j 01:04	● New	-58 Feb 04 j 05:04	● New
-62 Jan 20 j 10:20	● New	-61 May 29 j 23:15	● New	-60 Oct 05 j 04:57	○ Full	-58 Feb 12 j 01:54	● New
-62 Jan 27 j 17:30	● New	-61 Jun 06 j 05:17	● New	-60 Oct 12 j 23:54	● New	-58 Feb 19 j 19:03	○ Full
-62 Feb 03 j 11:40	○ Full	-61 Jun 12 j 19:33	● New	-60 Oct 19 j 15:33	● New	-58 Feb 26 j 14:05	● New
-62 Feb 11 j 02:33	● New	-61 Jun 20 j 10:28	○ Full	-60 Oct 26 j 17:58	● New	-58 Mar 05 j 19:01	● New
-62 Feb 19 j 00:55	● New	-61 Jun 28 j 13:59	● New	-60 Nov 03 j 23:16	○ Full	-58 Mar 13 j 21:05	● New
-62 Feb 26 j 00:36	● New	-61 Jul 05 j 12:21	● New	-60 Nov 11 j 09:58	● New	-58 Mar 21 j 05:47	○ Full
-62 Mar 04 j 23:47	○ Full	-61 Jul 12 j 03:33	● New	-60 Nov 18 j 03:11	● New	-58 Mar 27 j 20:38	● New
-62 Mar 12 j 22:30	● New	-61 Jul 20 j 01:25	○ Full	-60 Nov 25 j 14:28	● New	-58 Apr 04 j 09:44	● New
-62 Mar 20 j 12:33	● New	-61 Jul 28 j 02:37	● New	-60 Dec 03 j 16:03	○ Full	-58 Apr 12 j 13:34	● New
-62 Mar 27 j 06:40	● New	-61 Aug 03 j 19:25	● New	-60 Dec 10 j 18:46	● New	-58 Apr 19 j 14:04	○ Full
-62 Apr 03 j 12:59	○ Full	-61 Aug 10 j 14:54	● New	-60 Dec 17 j 16:20	● New	-58 Apr 26 j 04:25	● New
-62 Apr 11 j 16:15	● New	-61 Aug 18 j 17:30	○ Full	-60 Dec 25 j 12:42	● New	-58 May 04 j 00:46	● New
-62 Apr 18 j 21:50	● New	-61 Aug 26 j 13:07	● New	-59 Jan 02 j 06:36	○ Full	-58 May 12 j 02:51	● New
-62 Apr 25 j 12:54	● New	-61 Sep 02 j 03:39	● New	-59 Jan 09 j 02:54	● New	-58 May 18 j 20:52	○ Full
-62 May 03 j 03:22	○ Full	-61 Sep 09 j 06:00	● New	-59 Jan 16 j 07:10	● New	-58 May 25 j 14:19	● New
-62 May 11 j 07:02	● New	-61 Sep 17 j 10:08	○ Full	-59 Jan 24 j 10:04	● New	-58 Jun 02 j 15:46	● New
-62 May 18 j 05:30	● New	-61 Sep 24 j 21:51	● New	-59 Jan 31 j 18:52	○ Full	-58 Jun 10 j 12:57	● New
-62 May 24 j 20:34	● New	-61 Oct 01 j 13:57	● New	-59 Feb 07 j 11:05	● New	-58 Jun 17 j 03:23	○ Full
-62 Jun 01 j 18:30	○ Full	-61 Oct 09 j 00:40	● New	-59 Feb 14 j 23:29	● New	-58 Jun 24 j 02:50	● New
-62 Jun 09 j 18:52	● New	-61 Oct 17 j 02:24	○ Full	-59 Feb 23 j 04:27	● New	-58 Jul 02 j 06:27	● New
-62 Jun 16 j 12:20	● New	-61 Oct 24 j 05:36	● New	-59 Mar 02 j 05:04	○ Full	-58 Jul 09 j 20:28	● New
-62 Jun 23 j 06:49	● New	-61 Oct 31 j 02:44	● New	-59 Mar 08 j 20:07	● New	-58 Jul 16 j 10:54	○ Full
-62 Jul 01 j 09:43	○ Full	-61 Nov 07 j 21:53	● New	-59 Mar 16 j 16:30	● New	-58 Jul 23 j 18:09	● New
-62 Jul 09 j 04:16	● New	-61 Nov 15 j 17:19	○ Full	-59 Mar 24 j 18:55	● New	-58 Jul 31 j 20:34	● New
-62 Jul 15 j 19:18	● New	-61 Nov 22 j 13:27	● New	-59 Mar 31 j 13:34	○ Full	-58 Aug 08 j 02:24	● New
-62 Jul 22 j 20:24	● New	-61 Nov 29 j 17:54	● New	-59 Apr 07 j 06:46	● New	-58 Aug 14 j 20:27	○ Full
-62 Jul 31 j 00:28	○ Full	-61 Dec 07 j 19:50	● New	-59 Apr 15 j 08:59	● New	-58 Aug 22 j 12:00	● New
-62 Aug 07 j 11:53	● New	-61 Dec 15 j 06:20	○ Full	-59 Apr 23 j 05:37	● New	-58 Aug 30 j 09:47	● New
-62 Aug 14 j 03:31	● New	-61 Dec 21 j 22:21	● New	-59 Apr 29 j 20:58	○ Full	-58 Sep 06 j 08:07	● New
-62 Aug 21 j 13:23	● New	-61 Dec 29 j 10:58	● New	-59 May 06 j 19:35	● New	-58 Sep 13 j 08:43	○ Full
-62 Aug 29 j 14:34	○ Full	-60 Jan 06 j 16:12	● New	-59 May 14 j 23:57	● New	-58 Sep 21 j 07:41	○ Full
-62 Sep 05 j 18:33	○ Full	-60 Jan 13 j 17:33	○ Full	-59 May 22 j 13:16	● New	-58 Sep 28 j 21:57	● New
-62 Sep 12 j 14:07	● New	-60 Jan 20 j 08:58	● New	-59 May 29 j 04:10	○ Full	-58 Oct 05 j 15:03	● New
-62 Sep 20 j 08:58	● New	-60 Jan 28 j 05:09	● New	-59 Jun 05 j 10:41	● New	-58 Oct 12 j 23:52	○ Full
-62 Sep 28 j 04:00	○ Full	-60 Feb 05 j 08:59	● New	-59 Jun 13 j 13:06	● New	-58 Oct 21 j 03:51	● New
-62 Oct 05 j 01:15	● New	-60 Feb 12 j 03:24	○ Full	-59 Jun 20 j 18:53	● New	-58 Oct 28 j 09:14	● New
-62 Oct 12 j 03:53	● New	-60 Feb 18 j 21:28	● New	-59 Jun 27 j 12:20	○ Full	-58 Nov 04 j 00:24	● New
-62 Oct 20 j 05:40	● New	-60 Feb 26 j 23:18	● New	-59 Jul 05 j 03:39	● New	-58 Nov 11 j 17:37	○ Full
-62 Oct 27 j 16:44	○ Full	-60 Mar 05 j 21:25	● New	-59 Jul 13 j 00:42	● New	-58 Nov 19 j 22:40	● New
-62 Nov 03 j 09:11	● New	-60 Mar 12 j 12:22	○ Full	-59 Jul 19 j 23:40	● New	-58 Nov 26 j 20:02	● New
-62 Nov 10 j 20:49	● New	-60 Mar 19 j 11:43	● New	-59 Jul 26 j 22:41	○ Full	-58 Dec 03 j 12:51	● New
-62 Nov 19 j 01:46	● New	-60 Mar 27 j 16:06	● New	-59 Aug 03 j 21:38	● New	-58 Dec 11 j 13:02	○ Full
-62 Nov 26 j 04:38	○ Full	-60 Apr 04 j 05:55	● New	-59 Aug 11 j 11:18	● New	-58 Dec 19 j 14:27	● New
-62 Dec 02 j 19:27	● New	-60 Apr 10 j 21:01	○ Full	-59 Aug 18 j 05:00	● New	-58 Dec 26 j 06:44	● New
-62 Dec 10 j 15:52	● New	-60 Apr 18 j 03:28	● New	-59 Aug 25 j 12:04	○ Full	-57 Jan 02 j 04:16	● New
-62 Dec 18 j 19:39	● New	-60 Apr 26 j 06:29	● New	-59 Sep 02 j 15:42	● New	-57 Jan 10 j 08:35	○ Full
-62 Dec 25 j 15:35	○ Full	-60 May 03 j 11:42	● New	-59 Sep 09 j 21:27	● New	-57 Jan 18 j 02:28	● New
-61 Jan 01 j 08:42	● New	-60 May 10 j 05:53	○ Full	-59 Sep 16 j 12:23	● New	-57 Jan 24 j 17:32	● New
-61 Jan 09 j 11:18	● New	-60 May 17 j 20:23	● New	-59 Sep 24 j 04:33	○ Full	-57 Jan 31 j 22:00	● New
-61 Jan 17 j 10:09	● New	-60 May 25 j 18:10	● New	-59 Oct 02 j 08:54	● New	-57 Feb 07 j 02:24	○ Full
-61 Jan 24 j 01:43	○ Full	-60 Jun 01 j 16:14	● New	-59 Oct 09 j 07:30	● New	-57 Feb 16 j 11:08	● New
-61 Jan 31 j 00:44	● New	-60 Jun 08 j 15:46	○ Full	-59 Oct 15 j 23:07	● New	-57 Feb 23 j 04:29	● New
-61 Feb 08 j 05:31	● New	-60 Jun 16 j 13:46	● New	-59 Oct 23 j 23:12	○ Full	-57 Mar 02 j 16:59	● New

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Attention, astronomical year style is used: The year -57 in astronomical counting style is the year 58 BCE in historical counting style.

-57 Mar 10 j 17:10	○ Full	-56 Jul 17 j 04:00	● New	-55 Nov 23 j 15:31	● New	-53 Apr 02 j 11:03	● New
-57 Mar 17 j 17:29	● New	-56 Jul 24 j 04:16	○ Full	-55 Dec 01 j 04:51	○ Full	-53 Apr 09 j 21:16	○ Full
-57 Mar 24 j 15:44	○ Full	-56 Jul 30 j 18:47	● New	-55 Dec 07 j 20:53	○ Full	-53 Apr 16 j 13:38	○ Full
-57 Apr 01 j 11:59	○ Full	-56 Aug 07 j 15:31	● New	-55 Dec 15 j 06:22	○ Full	-53 Apr 23 j 23:26	○ Full
-57 Apr 09 j 04:36	○ Full	-56 Aug 15 j 17:39	○ Full	-55 Dec 23 j 09:15	● New	-53 May 02 j 03:20	○ Full
-57 Apr 15 j 22:53	○ Full	-56 Aug 22 j 12:17	○ Full	-55 Dec 30 j 13:31	○ Full	-53 May 09 j 05:35	● New
-57 Apr 23 j 03:41	● New	-56 Aug 29 j 05:42	○ Full	-54 Jan 06 j 09:58	○ Full	-53 May 15 j 20:12	○ Full
-57 May 01 j 05:42	○ Full	-56 Sep 06 j 08:31	● New	-54 Jan 14 j 03:48	○ Full	-53 May 23 j 14:06	○ Full
-57 May 08 j 13:22	○ Full	-56 Sep 14 j 05:37	○ Full	-54 Jan 22 j 00:16	● New	-53 May 31 j 16:42	○ Full
-57 May 15 j 04:35	○ Full	-56 Sep 20 j 21:03	○ Full	-54 Jan 28 j 21:04	○ Full	-53 Jun 07 j 12:43	● New
-57 May 22 j 16:47	● New	-56 Sep 27 j 20:55	○ Full	-54 Feb 05 j 00:02	○ Full	-53 Jun 14 j 04:50	○ Full
-57 May 30 j 21:08	○ Full	-56 Oct 06 j 01:55	● New	-54 Feb 13 j 00:42	○ Full	-53 Jun 22 j 05:21	○ Full
-57 Jun 06 j 20:39	○ Full	-56 Oct 13 j 15:55	○ Full	-54 Feb 20 j 12:10	● New	-53 Jun 30 j 03:27	○ Full
-57 Jun 13 j 11:46	○ Full	-56 Oct 20 j 07:21	○ Full	-54 Feb 27 j 04:29	○ Full	-53 Jul 06 j 19:32	● New
-57 Jun 21 j 07:19	● New	-56 Oct 27 j 16:06	○ Full	-54 Mar 06 j 14:54	○ Full	-53 Jul 13 j 16:34	○ Full
-57 Jun 29 j 09:51	○ Full	-56 Nov 04 j 18:49	● New	-54 Mar 14 j 19:08	○ Full	-53 Jul 21 j 20:32	○ Full
-57 Jul 06 j 03:37	○ Full	-56 Nov 12 j 00:46	○ Full	-54 Mar 21 j 21:29	● New	-53 Jul 29 j 12:08	○ Full
-57 Jul 12 j 21:26	○ Full	-56 Nov 18 j 19:51	○ Full	-54 Mar 28 j 12:38	○ Full	-53 Aug 05 j 03:03	● New
-57 Jul 20 j 23:02	● New	-56 Nov 26 j 13:45	○ Full	-54 Apr 05 j 06:22	○ Full	-53 Aug 12 j 07:54	○ Full
-57 Jul 28 j 20:05	○ Full	-56 Dec 04 j 10:26	● New	-54 Apr 13 j 09:53	○ Full	-53 Aug 20 j 11:13	○ Full
-57 Aug 04 j 11:13	○ Full	-56 Dec 11 j 08:48	○ Full	-54 Apr 20 j 05:12	● New	-53 Aug 27 j 19:26	○ Full
-57 Aug 11 j 10:28	○ Full	-56 Dec 18 j 10:43	○ Full	-54 Apr 26 j 22:13	○ Full	-53 Sep 03 j 12:25	● New
-57 Aug 19 j 15:07	● New	-56 Dec 26 j 11:39	○ Full	-54 May 04 j 22:04	○ Full	-53 Sep 11 j 02:27	○ Full
-57 Aug 27 j 04:32	○ Full	-55 Jan 03 j 00:09	● New	-54 May 12 j 20:49	○ Full	-53 Sep 19 j 01:17	○ Full
-57 Sep 02 j 20:13	○ Full	-55 Jan 09 j 16:57	○ Full	-54 May 19 j 12:15	● New	-53 Sep 26 j 02:11	○ Full
-57 Sep 10 j 03:18	○ Full	-55 Jan 17 j 03:28	○ Full	-54 May 26 j 09:48	○ Full	-53 Oct 03 j 00:38	● New
-57 Sep 18 j 06:39	● New	-55 Jan 25 j 07:42	○ Full	-54 Jun 03 j 13:18	○ Full	-53 Oct 10 j 23:01	○ Full
-57 Sep 25 j 12:06	○ Full	-55 Feb 01 j 11:35	● New	-54 Jun 11 j 04:39	○ Full	-53 Oct 18 j 14:40	○ Full
-57 Oct 02 j 07:15	○ Full	-55 Feb 08 j 02:14	○ Full	-54 Jun 17 j 19:33	● New	-53 Oct 25 j 09:28	○ Full
-57 Oct 09 j 23:27	○ Full	-55 Feb 15 j 20:59	○ Full	-54 Jun 24 j 23:52	○ Full	-53 Nov 01 j 16:06	● New
-57 Oct 17 j 21:02	● New	-55 Feb 24 j 00:26	○ Full	-54 Jul 03 j 03:22	○ Full	-53 Nov 09 j 19:51	○ Full
-57 Oct 24 j 19:40	○ Full	-55 Mar 02 j 20:54	● New	-54 Jul 10 j 10:36	○ Full	-53 Nov 17 j 03:13	○ Full
-57 Oct 31 j 20:50	○ Full	-55 Mar 09 j 13:19	○ Full	-54 Jul 17 j 03:57	● New	-53 Nov 23 j 18:27	○ Full
-57 Nov 08 j 21:15	○ Full	-55 Mar 17 j 14:05	○ Full	-54 Jul 24 j 16:33	○ Full	-53 Dec 01 j 10:16	● New
-57 Nov 16 j 10:14	● New	-55 Mar 25 j 13:10	○ Full	-54 Aug 01 j 15:57	○ Full	-53 Dec 09 j 15:12	○ Full
-57 Nov 23 j 04:06	○ Full	-55 Apr 01 j 04:47	● New	-54 Aug 08 j 15:58	○ Full	-53 Dec 16 j 14:41	○ Full
-57 Nov 30 j 13:12	○ Full	-55 Apr 08 j 02:24	○ Full	-54 Aug 15 j 14:19	● New	-53 Dec 23 j 06:02	○ Full
-57 Dec 08 j 18:17	○ Full	-55 Apr 16 j 05:55	○ Full	-54 Aug 23 j 11:19	○ Full	-53 Dec 31 j 05:38	● New
-57 Dec 15 j 22:21	● New	-55 Apr 23 j 22:04	○ Full	-54 Aug 31 j 03:19	○ Full	-52 Jan 08 j 07:35	○ Full
-57 Dec 22 j 14:05	○ Full	-55 Apr 30 j 12:16	● New	-54 Sep 06 j 22:03	○ Full	-52 Jan 15 j 01:06	○ Full
-57 Dec 30 j 07:49	○ Full	-55 May 07 j 17:15	○ Full	-54 Sep 14 j 03:29	● New	-52 Jan 21 j 20:29	○ Full
-56 Jan 07 j 12:29	○ Full	-55 May 15 j 20:04	○ Full	-54 Sep 22 j 06:51	○ Full	-52 Jan 30 j 00:30	● New
-56 Jan 14 j 09:27	● New	-55 May 23 j 04:02	○ Full	-54 Sep 29 j 14:06	○ Full	-52 Feb 06 j 20:09	○ Full
-56 Jan 21 j 02:09	○ Full	-55 May 29 j 20:25	● New	-54 Oct 06 j 06:01	○ Full	-52 Feb 13 j 10:48	○ Full
-56 Jan 29 j 03:08	○ Full	-55 Jun 06 j 09:28	○ Full	-54 Oct 13 j 19:54	● New	-52 Feb 20 j 13:14	○ Full
-56 Feb 06 j 02:48	○ Full	-55 Jun 14 j 08:22	○ Full	-54 Oct 22 j 01:30	○ Full	-52 Feb 28 j 17:32	● New
-56 Feb 12 j 19:27	● New	-55 Jun 21 j 08:27	○ Full	-54 Oct 29 j 00:53	○ Full	-52 Mar 07 j 04:58	○ Full
-56 Feb 19 j 16:28	○ Full	-55 Jun 28 j 06:11	● New	-54 Nov 04 j 16:46	○ Full	-52 Mar 13 j 20:27	○ Full
-56 Feb 27 j 21:11	○ Full	-55 Jul 06 j 02:38	○ Full	-54 Nov 12 j 15:00	● New	-52 Mar 21 j 07:10	○ Full
-56 Mar 06 j 13:17	○ Full	-55 Jul 13 j 18:58	○ Full	-54 Nov 20 j 17:52	○ Full	-52 Mar 29 j 08:01	● New
-56 Mar 13 j 04:35	● New	-55 Jul 20 j 12:57	○ Full	-54 Nov 27 j 11:53	○ Full	-52 Apr 05 j 10:56	○ Full
-56 Mar 20 j 08:47	○ Full	-55 Jul 27 j 18:11	● New	-54 Dec 04 j 06:54	○ Full	-52 Apr 12 j 06:41	○ Full
-56 Mar 28 j 12:39	○ Full	-55 Aug 04 j 20:10	○ Full	-54 Dec 12 j 11:05	● New	-52 Apr 20 j 01:08	○ Full
-56 Apr 04 j 20:36	○ Full	-55 Aug 12 j 04:21	○ Full	-54 Dec 20 j 07:16	○ Full	-52 Apr 27 j 19:44	● New
-56 Apr 11 j 13:27	● New	-55 Aug 18 j 19:08	○ Full	-54 Dec 26 j 22:59	○ Full	-52 May 04 j 15:31	○ Full
-56 Apr 19 j 02:19	○ Full	-55 Aug 26 j 08:43	● New	-53 Jan 03 j 00:18	○ Full	-52 May 11 j 18:02	○ Full
-56 Apr 27 j 01:15	○ Full	-55 Sep 03 j 13:15	○ Full	-53 Jan 11 j 05:54	● New	-52 May 19 j 18:19	○ Full
-56 May 04 j 01:50	○ Full	-55 Sep 10 j 13:17	○ Full	-53 Jan 18 j 17:40	○ Full	-52 May 27 j 05:01	● New
-56 May 10 j 23:03	● New	-55 Sep 17 j 04:24	○ Full	-53 Jan 25 j 10:08	○ Full	-52 Jun 02 j 20:19	○ Full
-56 May 18 j 19:56	○ Full	-55 Sep 25 j 01:41	● New	-53 Feb 01 j 19:59	○ Full	-52 Jun 10 j 06:47	○ Full
-56 May 26 j 11:32	○ Full	-55 Oct 03 j 04:50	○ Full	-53 Feb 09 j 21:59	● New	-52 Jun 18 j 10:06	○ Full
-56 Jun 02 j 06:17	○ Full	-55 Oct 09 j 22:37	○ Full	-53 Feb 17 j 01:35	○ Full	-52 Jun 25 j 12:38	● New
-56 Jun 09 j 10:22	● New	-55 Oct 16 j 17:29	○ Full	-53 Feb 23 j 21:35	○ Full	-52 Jul 02 j 02:53	○ Full
-56 Jun 17 j 12:41	○ Full	-55 Oct 24 j 20:24	● New	-53 Mar 03 j 16:12	○ Full	-52 Jul 09 j 21:03	○ Full
-56 Jun 24 j 20:16	○ Full	-55 Nov 01 j 18:07	○ Full	-53 Mar 11 j 10:58	● New	-52 Jul 18 j 00:05	○ Full
-56 Jul 01 j 11:25	○ Full	-55 Nov 08 j 09:03	○ Full	-53 Mar 18 j 07:51	○ Full	-52 Jul 24 j 19:40	● New
-56 Jul 08 j 23:54	● New	-55 Nov 15 j 10:25	○ Full	-53 Mar 25 j 09:54	○ Full	-52 Jul 31 j 12:25	○ Full

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Attention, astronomical year style is used: The year -52 in astronomical counting style is the year 53 BCE in historical counting style.

-52 Aug 08 j 12:45	○ Full	-51 Dec 16 j 05:26	● New	-49 Apr 24 j 20:33	● New	-48 Aug 30 j 21:59	● New
-52 Aug 16 j 11:58	● New	-51 Dec 24 j 03:52	○ Full	-49 May 03 j 00:00	● New	-48 Sep 08 j 02:43	● New
-52 Aug 23 j 03:20	● New	-51 Dec 31 j 03:26	● New	-49 May 09 j 21:20	○ Full	-48 Sep 15 j 12:37	● New
-52 Aug 30 j 01:38	● New	-50 Jan 07 j 03:43	● New	-49 May 16 j 12:38	● New	-48 Sep 22 j 05:33	○ Full
-52 Sep 07 j 05:27	○ Full	-50 Jan 15 j 03:27	● New	-49 May 24 j 11:29	● New	-48 Sep 29 j 16:43	● New
-52 Sep 14 j 21:50	● New	-50 Jan 22 j 17:14	○ Full	-49 Jun 01 j 11:47	● New	-48 Oct 07 j 18:02	● New
-52 Sep 21 j 12:39	● New	-50 Jan 29 j 11:20	● New	-49 Jun 08 j 03:48	○ Full	-48 Oct 14 j 20:18	● New
-52 Sep 28 j 18:40	● New	-50 Feb 05 j 19:05	● New	-49 Jun 14 j 23:36	● New	-48 Oct 21 j 17:53	○ Full
-52 Oct 06 j 22:20	○ Full	-50 Feb 13 j 23:25	● New	-49 Jun 23 j 02:24	● New	-48 Oct 29 j 14:07	● New
-52 Oct 14 j 06:14	○ Full	-50 Feb 21 j 04:19	○ Full	-49 Jun 30 j 20:42	● New	-48 Nov 06 j 08:03	● New
-52 Oct 21 j 00:17	● New	-50 Feb 27 j 19:34	● New	-49 Jul 07 j 10:42	○ Full	-48 Nov 13 j 04:18	● New
-52 Oct 28 j 14:53	● New	-50 Mar 07 j 11:35	● New	-49 Jul 14 j 13:26	● New	-48 Nov 20 j 08:52	○ Full
-52 Nov 05 j 14:17	○ Full	-50 Mar 15 j 15:49	● New	-49 Jul 22 j 17:01	● New	-48 Nov 28 j 11:59	● New
-52 Nov 12 j 14:02	● New	-50 Mar 22 j 13:28	○ Full	-49 Jul 30 j 03:31	● New	-48 Dec 05 j 20:49	● New
-52 Nov 19 j 14:19	● New	-50 Mar 29 j 04:59	● New	-49 Aug 05 j 19:11	○ Full	-48 Dec 12 j 13:22	● New
-52 Nov 27 j 12:50	● New	-50 Apr 06 j 04:14	● New	-49 Aug 13 j 06:07	● New	-48 Dec 20 j 02:23	○ Full
-52 Dec 05 j 04:26	○ Full	-50 Apr 14 j 04:20	● New	-49 Aug 21 j 06:59	● New	-48 Dec 28 j 07:52	● New
-52 Dec 11 j 22:18	● New	-50 Apr 20 j 21:11	○ Full	-49 Aug 28 j 09:23	● New	-47 Jan 04 j 08:25	● New
-52 Dec 19 j 06:24	● New	-50 Apr 27 j 16:20	● New	-49 Sep 04 j 06:07	○ Full	-47 Jan 11 j 00:08	● New
-52 Dec 27 j 10:20	● New	-50 May 05 j 19:57	● New	-49 Sep 12 j 01:12	● New	-47 Jan 18 j 21:25	○ Full
-51 Jan 03 j 16:32	○ Full	-50 May 13 j 13:28	● New	-49 Sep 19 j 20:00	● New	-47 Jan 27 j 00:11	● New
-51 Jan 10 j 07:51	● New	-50 May 20 j 04:14	○ Full	-49 Sep 26 j 15:42	● New	-47 Feb 02 j 18:51	● New
-51 Jan 17 j 23:56	● New	-50 May 27 j 06:04	● New	-49 Oct 03 j 19:55	○ Full	-47 Feb 09 j 13:00	● New
-51 Jan 26 j 05:05	● New	-50 Jun 04 j 10:03	● New	-49 Oct 11 j 21:36	● New	-47 Feb 17 j 16:08	○ Full
-51 Feb 02 j 02:53	○ Full	-50 Jun 11 j 20:04	● New	-49 Oct 19 j 07:57	● New	-47 Feb 25 j 12:31	● New
-51 Feb 08 j 19:06	● New	-50 Jun 18 j 11:42	○ Full	-49 Oct 25 j 23:48	● New	-47 Mar 04 j 04:09	● New
-51 Feb 16 j 18:01	● New	-50 Jun 25 j 22:06	● New	-49 Oct 25 j 23:48	● New	-47 Mar 11 j 04:01	○ Full
-51 Feb 24 j 19:40	● New	-50 Jul 03 j 22:31	● New	-49 Nov 02 j 12:30	○ Full	-47 Mar 19 j 08:50	○ Full
-51 Mar 03 j 12:03	○ Full	-50 Jul 11 j 01:14	● New	-49 Nov 10 j 17:35	● New	-47 Mar 26 j 21:15	● New
-51 Mar 10 j 08:08	● New	-50 Jul 17 j 20:48	○ Full	-49 Nov 17 j 19:05	● New	-47 Apr 02 j 12:48	● New
-51 Mar 18 j 11:28	● New	-50 Jul 25 j 15:47	● New	-49 Dec 02 j 07:14	○ Full	-47 Apr 09 j 20:45	● New
-51 Mar 26 j 05:59	● New	-50 Aug 02 j 09:48	● New	-49 Dec 10 j 11:13	● New	-47 Apr 17 j 22:47	○ Full
-51 Apr 01 j 20:35	○ Full	-50 Aug 09 j 06:15	● New	-49 Dec 17 j 05:50	● New	-47 Apr 25 j 03:20	● New
-51 Apr 08 j 22:48	● New	-50 Aug 16 j 08:39	○ Full	-49 Dec 24 j 00:27	● New	-47 May 01 j 21:42	● New
-51 Apr 17 j 03:03	● New	-50 Aug 24 j 10:11	● New	-48 Jan 01 j 02:54	○ Full	-47 May 09 j 14:16	● New
-51 Apr 24 j 12:56	● New	-50 Aug 31 j 20:23	● New	-48 Jan 09 j 01:14	● New	-47 May 17 j 10:08	○ Full
-51 May 01 j 05:03	○ Full	-50 Sep 07 j 12:31	● New	-48 Jan 15 j 16:28	● New	-47 May 24 j 07:56	● New
-51 May 08 j 14:57	● New	-50 Sep 14 j 23:44	○ Full	-48 Jan 22 j 16:52	● New	-47 May 31 j 07:52	● New
-51 May 16 j 16:05	● New	-50 Sep 23 j 04:15	● New	-48 Jan 30 j 21:43	○ Full	-47 Jun 08 j 07:32	● New
-51 May 23 j 17:54	● New	-50 Sep 30 j 06:42	● New	-48 Feb 07 j 11:27	● New	-47 Jun 15 j 19:38	○ Full
-51 May 30 j 14:10	○ Full	-50 Oct 06 j 21:29	● New	-48 Feb 14 j 03:07	● New	-47 Jun 22 j 12:30	● New
-51 Jun 07 j 08:07	● New	-50 Oct 14 j 17:35	○ Full	-48 Feb 21 j 11:03	● New	-47 Jun 29 j 20:11	● New
-51 Jun 15 j 02:40	● New	-50 Oct 22 j 21:01	● New	-48 Feb 29 j 14:01	○ Full	-47 Jul 07 j 23:47	● New
-51 Jun 21 j 22:22	● New	-50 Oct 29 j 16:59	● New	-48 Mar 07 j 18:42	● New	-47 Jul 15 j 04:04	○ Full
-51 Jun 29 j 00:47	○ Full	-50 Nov 05 j 10:13	● New	-48 Mar 14 j 13:55	● New	-47 Jul 21 j 18:32	○ Full
-51 Jul 07 j 01:31	● New	-50 Nov 13 j 12:54	○ Full	-48 Mar 22 j 05:55	● New	-47 Jul 29 j 10:51	● New
-51 Jul 14 j 11:36	● New	-50 Nov 21 j 11:34	● New	-48 Mar 30 j 03:00	○ Full	-47 Aug 06 j 14:35	● New
-51 Jul 21 j 03:43	● New	-50 Nov 28 j 03:30	● New	-48 Apr 06 j 00:16	● New	-47 Aug 13 j 12:10	○ Full
-51 Jul 28 j 13:44	○ Full	-50 Dec 05 j 02:54	● New	-48 Apr 13 j 01:10	● New	-47 Aug 20 j 03:33	● New
-51 Aug 05 j 18:11	● New	-50 Dec 13 j 08:02	○ Full	-48 Apr 21 j 00:16	● New	-47 Aug 28 j 03:27	● New
-51 Aug 12 j 19:59	● New	-50 Dec 20 j 23:18	● New	-48 Apr 28 j 12:56	○ Full	-47 Sep 05 j 03:47	● New
-51 Aug 19 j 11:16	● New	-50 Dec 27 j 14:37	● New	-48 May 05 j 05:29	● New	-47 Sep 11 j 20:40	○ Full
-51 Aug 27 j 05:26	○ Full	-49 Jan 03 j 22:32	● New	-48 May 12 j 13:24	● New	-47 Sep 18 j 16:37	● New
-51 Sep 04 j 09:16	● New	-49 Jan 12 j 01:36	○ Full	-48 May 20 j 16:56	● New	-47 Sep 26 j 21:01	● New
-51 Sep 11 j 04:47	● New	-49 Jan 19 j 08:15	● New	-48 May 27 j 20:48	○ Full	-47 Oct 04 j 15:14	● New
-51 Sep 17 j 22:07	● New	-49 Jan 26 j 02:39	● New	-48 Jun 03 j 11:38	● New	-47 Oct 11 j 06:16	○ Full
-51 Sep 25 j 23:24	○ Full	-49 Feb 02 j 19:17	● New	-48 Jun 11 j 03:05	● New	-47 Oct 18 j 09:59	● New
-51 Oct 03 j 22:23	● New	-49 Feb 10 j 16:38	○ Full	-48 Jun 19 j 07:11	● New	-47 Oct 26 j 14:32	● New
-51 Oct 10 j 14:34	● New	-49 Feb 17 j 15:12	● New	-48 Jun 26 j 03:51	○ Full	-47 Nov 03 j 01:00	● New
-51 Oct 17 j 12:58	● New	-49 Feb 24 j 15:48	● New	-48 Jul 02 j 19:48	● New	-47 Nov 09 j 17:39	○ Full
-51 Oct 25 j 18:11	○ Full	-49 Mar 04 j 15:16	● New	-48 Jul 10 j 18:18	● New	-47 Nov 17 j 06:41	● New
-51 Nov 02 j 09:33	● New	-49 Mar 12 j 04:42	○ Full	-48 Jul 18 j 18:52	● New	-47 Nov 25 j 07:05	● New
-51 Nov 09 j 01:34	● New	-49 Mar 18 j 21:23	● New	-48 Jul 25 j 11:07	○ Full	-47 Dec 02 j 09:27	● New
-51 Nov 16 j 07:49	● New	-49 Mar 26 j 05:53	● New	-48 Aug 01 j 07:01	● New	-47 Dec 09 j 07:18	○ Full
-51 Nov 24 j 12:05	○ Full	-49 Apr 03 j 09:05	● New	-48 Aug 09 j 10:31	● New	-47 Dec 17 j 04:43	● New
-51 Dec 01 j 19:04	● New	-49 Apr 10 j 14:01	○ Full	-48 Aug 17 j 04:25	● New	-47 Dec 24 j 21:53	● New
-51 Dec 08 j 13:54	● New	-49 Apr 17 j 04:09	● New	-48 Aug 23 j 19:29	○ Full	-47 Dec 31 j 17:20	● New

Phases of Moon from -46 through 0 (UT), Astrodienst AG 6-Nov-2015 17:26, page 11

Attention, astronomical year style is used: The year -46 in astronomical counting style is the year 47 BCE in historical counting style.

-46 Jan 07 j 23:02	○ Full	-45 May 17 j 07:11	●	-44 Sep 22 j 22:11	● New	-42 Jan 30 j 17:30	●
-46 Jan 16 j 01:52	●	-45 May 25 j 09:00	○ Full	-44 Sep 30 j 16:14	●	-42 Feb 07 j 12:46	● New
-46 Jan 23 j 10:26	● New	-45 Jun 02 j 04:42	●	-44 Oct 08 j 12:11	○ Full	-42 Feb 15 j 16:50	●
-46 Jan 30 j 01:44	●	-45 Jun 08 j 19:32	● New	-44 Oct 15 j 10:09	●	-42 Feb 22 j 11:44	○ Full
-46 Feb 06 j 16:03	○ Full	-45 Jun 15 j 19:46	●	-44 Oct 22 j 12:06	● New	-42 Mar 01 j 05:18	●
-46 Feb 14 j 20:19	●	-45 Jun 23 j 23:48	○ Full	-44 Oct 30 j 13:23	●	-42 Mar 09 j 06:28	● New
-46 Feb 21 j 20:37	● New	-45 Jul 01 j 11:36	●	-44 Nov 07 j 01:24	○ Full	-42 Mar 17 j 05:12	●
-46 Feb 28 j 11:33	●	-45 Jul 08 j 03:16	● New	-44 Nov 13 j 18:12	●	-42 Mar 23 j 20:19	○ Full
-46 Mar 08 j 09:13	○ Full	-45 Jul 15 j 11:06	●	-44 Nov 21 j 05:03	● New	-42 Mar 30 j 18:49	●
-46 Mar 16 j 11:03	●	-45 Jul 23 j 13:21	○ Full	-44 Nov 29 j 09:52	●	-42 Apr 07 j 22:58	● New
-46 Mar 23 j 04:56	● New	-45 Jul 30 j 17:17	●	-44 Dec 06 j 13:32	○ Full	-42 Apr 15 j 13:40	●
-46 Mar 29 j 23:16	●	-45 Aug 06 j 12:35	● New	-44 Dec 13 j 04:19	●	-42 Apr 22 j 04:33	○ Full
-46 Apr 07 j 01:34	○ Full	-45 Aug 14 j 05:03	●	-44 Dec 20 j 23:57	● New	-42 Apr 29 j 09:57	●
-46 Apr 14 j 21:48	●	-45 Aug 22 j 01:32	○ Full	-44 Dec 29 j 03:59	●	-42 May 07 j 13:18	● New
-46 Apr 21 j 12:18	● New	-45 Aug 28 j 23:01	●	-43 Jan 05 j 00:26	○ Full	-42 May 14 j 19:27	●
-46 Apr 28 j 12:57	●	-45 Sep 05 j 00:20	● New	-43 Jan 11 j 17:08	●	-42 May 21 j 13:05	○ Full
-46 May 06 j 16:31	○ Full	-45 Sep 13 j 00:38	●	-43 Jan 19 j 19:08	● New	-42 May 29 j 02:31	●
-46 May 14 j 05:08	●	-45 Sep 20 j 12:48	○ Full	-43 Jan 27 j 18:32	●	-42 Jun 06 j 01:07	● New
-46 May 20 j 19:51	● New	-45 Sep 27 j 06:02	●	-43 Feb 03 j 10:17	○ Full	-42 Jun 13 j 00:00	●
-46 May 28 j 04:20	●	-45 Oct 04 j 15:12	● New	-43 Feb 10 j 08:31	●	-42 Jun 19 j 22:44	○ Full
-46 Jun 05 j 05:48	○ Full	-45 Oct 12 j 20:14	●	-43 Feb 18 j 13:04	● New	-42 Jun 27 j 19:57	●
-46 Jun 12 j 10:12	●	-45 Oct 19 j 23:46	○ Full	-43 Feb 26 j 05:08	●	-42 Jul 05 j 10:55	● New
-46 Jun 19 j 04:37	● New	-45 Oct 26 j 15:21	●	-43 Mar 04 j 19:38	○ Full	-42 Jul 12 j 04:46	●
-46 Jun 26 j 21:03	●	-45 Nov 03 j 09:11	● New	-43 Mar 12 j 01:39	●	-42 Jul 19 j 10:25	○ Full
-46 Jul 04 j 17:23	○ Full	-45 Nov 11 j 14:10	●	-43 Mar 20 j 04:46	● New	-42 Jul 27 j 13:19	●
-46 Jul 11 j 14:31	●	-45 Nov 18 j 10:48	○ Full	-43 Mar 27 j 12:17	●	-42 Aug 03 j 19:39	● New
-46 Jul 18 j 15:24	● New	-45 Nov 25 j 03:42	●	-43 Apr 03 j 05:13	○ Full	-42 Aug 10 j 11:07	●
-46 Jul 26 j 14:38	●	-45 Dec 03 j 05:06	● New	-43 Apr 10 j 19:27	●	-42 Aug 18 j 00:47	○ Full
-46 Aug 03 j 03:32	○ Full	-45 Dec 11 j 05:17	●	-43 Apr 18 j 17:48	● New	-42 Aug 26 j 05:37	●
-46 Aug 09 j 19:44	●	-45 Dec 17 j 21:54	○ Full	-43 Apr 25 j 17:16	●	-42 Sep 02 j 04:21	● New
-46 Aug 17 j 04:43	● New	-45 Dec 24 j 19:21	●	-43 May 02 j 15:43	○ Full	-42 Sep 08 j 20:13	●
-46 Aug 25 j 08:21	●	-44 Jan 02 j 00:48	● New	-43 May 10 j 12:58	●	-42 Sep 16 j 17:54	○ Full
-46 Sep 01 j 12:50	○ Full	-44 Jan 09 j 17:13	●	-43 May 18 j 04:14	● New	-42 Sep 24 j 20:06	●
-46 Sep 08 j 03:23	●	-44 Jan 16 j 08:53	○ Full	-43 May 24 j 21:39	●	-42 Oct 01 j 13:48	● New
-46 Sep 15 j 20:38	● New	-44 Jan 23 j 13:49	●	-43 Jun 01 j 03:34	○ Full	-42 Oct 08 j 09:02	●
-46 Sep 24 j 01:10	●	-44 Jan 31 j 18:18	● New	-43 Jun 09 j 05:33	●	-42 Oct 16 j 12:42	○ Full
-46 Sep 30 j 22:05	○ Full	-44 Feb 08 j 02:15	●	-43 Jun 16 j 12:38	● New	-42 Oct 24 j 08:32	●
-46 Oct 07 j 14:33	●	-44 Feb 14 j 19:53	○ Full	-43 Jun 23 j 03:03	●	-42 Oct 31 j 00:18	● New
-46 Oct 15 j 14:46	● New	-44 Feb 22 j 09:43	●	-43 Jun 30 j 17:01	○ Full	-42 Nov 07 j 01:57	●
-46 Oct 23 j 16:01	●	-44 Mar 01 j 08:44	● New	-43 Jul 08 j 20:42	●	-42 Nov 15 j 07:26	○ Full
-46 Oct 30 j 08:04	○ Full	-44 Mar 08 j 09:04	●	-43 Jul 15 j 19:56	● New	-42 Nov 22 j 19:02	●
-46 Nov 06 j 05:37	●	-44 Mar 15 j 07:23	○ Full	-43 Jul 22 j 10:55	●	-42 Nov 29 j 11:57	● New
-46 Nov 14 j 10:04	● New	-44 Mar 23 j 05:14	●	-43 Jul 30 j 08:05	○ Full	-42 Dec 06 j 22:22	●
-46 Nov 22 j 04:15	●	-44 Mar 30 j 20:12	● New	-43 Aug 07 j 09:58	●	-42 Dec 15 j 00:29	○ Full
-46 Nov 28 j 19:14	○ Full	-44 Apr 06 j 14:44	●	-43 Aug 14 j 03:18	● New	-42 Dec 22 j 03:57	●
-46 Dec 06 j 00:07	○	-44 Apr 13 j 19:59	○ Full	-43 Aug 20 j 22:14	●	-42 Dec 29 j 00:52	● New
-46 Dec 14 j 04:48	● New	-44 Apr 21 j 22:48	●	-43 Aug 29 j 00:34	○ Full	-41 Jan 05 j 20:24	●
-46 Dec 21 j 13:56	●	-44 Apr 29 j 05:21	● New	-43 Sep 05 j 21:10	●	-41 Jan 13 j 15:05	○ Full
-46 Dec 28 j 07:37	○ Full	-44 May 05 j 20:32	●	-43 Sep 12 j 11:51	● New	-41 Jan 20 j 11:53	●
-45 Jan 04 j 20:53	●	-44 May 13 j 09:55	○ Full	-43 Sep 19 j 13:26	●	-41 Jan 27 j 15:14	● New
-45 Jan 12 j 21:19	● New	-44 May 21 j 13:40	●	-43 Sep 27 j 17:46	○ Full	-41 Feb 04 j 17:32	●
-45 Jan 19 j 21:52	●	-44 May 28 j 12:58	● New	-43 Oct 05 j 06:31	●	-41 Feb 12 j 03:11	○ Full
-45 Jan 26 j 21:00	○ Full	-44 Jun 04 j 03:47	●	-43 Oct 11 j 22:25	● New	-41 Feb 18 j 19:36	●
-45 Feb 03 j 18:08	●	-44 Jun 12 j 00:53	○ Full	-43 Oct 19 j 08:16	●	-41 Feb 26 j 06:57	● New
-45 Feb 11 j 10:41	● New	-44 Jun 20 j 01:51	●	-43 Oct 27 j 10:36	○ Full	-41 Mar 06 j 11:44	●
-45 Feb 18 j 05:02	●	-44 Jun 26 j 19:51	● New	-43 Nov 03 j 14:41	●	-41 Mar 13 j 13:07	○ Full
-45 Feb 25 j 11:11	○ Full	-44 Jul 03 j 13:43	●	-43 Nov 10 j 11:18	● New	-41 Mar 20 j 04:01	●
-45 Mar 05 j 13:52	●	-44 Jul 11 j 16:15	○ Full	-43 Nov 18 j 05:39	●	-41 Mar 27 j 23:25	● New
-45 Mar 12 j 21:05	● New	-44 Jul 19 j 11:45	●	-43 Nov 26 j 01:55	○ Full	-41 Apr 05 j 02:09	●
-45 Mar 19 j 12:27	●	-44 Jul 26 j 02:58	● New	-43 Dec 02 j 22:39	●	-41 Apr 11 j 21:21	○ Full
-45 Mar 27 j 02:05	○ Full	-44 Aug 02 j 03:12	●	-43 Dec 10 j 02:20	● New	-41 Apr 18 j 14:00	●
-45 Apr 04 j 06:29	●	-44 Aug 10 j 07:26	○ Full	-43 Dec 18 j 03:43	●	-41 Apr 26 j 15:33	● New
-45 Apr 11 j 05:21	● New	-44 Aug 17 j 19:56	●	-43 Dec 25 j 15:06	○ Full	-41 May 04 j 12:56	●
-45 Apr 17 j 20:56	●	-44 Aug 24 j 11:23	● New	-42 Jan 01 j 07:22	●	-41 May 11 j 04:30	○ Full
-45 Apr 25 j 17:31	○ Full	-44 Aug 31 j 20:19	●	-42 Jan 08 j 19:04	● New	-41 May 18 j 02:14	●
-45 May 03 j 19:19	●	-44 Sep 08 j 22:08	○ Full	-42 Jan 17 j 00:05	●	-41 May 26 j 06:29	● New
-45 May 10 j 12:31	● New	-44 Sep 16 j 03:06	●	-42 Jan 24 j 02:12	○ Full	-41 Jun 02 j 20:46	●

Phases of Moon from -41 through 0 (UT), Astrodienst AG 6-Nov-2015 17:26, page 12

Attention, astronomical year style is used: The year -41 in astronomical counting style is the year 42 BCE in historical counting style.

-41 Jun 09 j 11:31	○ Full	-40 Oct 15 j 23:53	●	-38 Feb 23 j 03:46	● New	-37 Jul 02 j 16:17	●
-41 Jun 16 j 17:00	●	-40 Oct 23 j 07:56	○ Full	-38 Mar 02 j 00:02	●	-37 Jul 09 j 13:18	● New
-41 Jun 24 j 19:51	● New	-40 Oct 31 j 11:42	●	-38 Mar 10 j 04:23	○ Full	-37 Jul 17 j 08:57	●
-41 Jul 02 j 02:39	●	-40 Nov 07 j 17:59	● New	-38 Mar 17 j 21:15	●	-37 Jul 25 j 02:18	○ Full
-41 Jul 08 j 19:37	○ Full	-40 Nov 14 j 09:17	●	-38 Mar 24 j 12:26	● New	-37 Jul 31 j 20:57	●
-41 Jul 16 j 09:57	●	-40 Nov 22 j 01:44	○ Full	-38 Mar 31 j 15:38	●	-37 Aug 08 j 01:20	● New
-41 Jul 24 j 07:52	● New	-40 Nov 30 j 06:57	●	-38 Apr 08 j 19:38	○ Full	-37 Aug 16 j 02:56	●
-41 Jul 31 j 07:43	●	-40 Dec 07 j 04:57	● New	-38 Apr 16 j 04:29	●	-37 Aug 23 j 12:11	○ Full
-41 Aug 07 j 06:01	○ Full	-40 Dec 13 j 21:30	●	-38 Apr 22 j 20:51	● New	-37 Aug 30 j 03:17	●
-41 Aug 15 j 04:18	●	-40 Dec 21 j 21:05	○ Full	-38 Apr 30 j 08:37	●	-37 Sep 06 j 16:03	● New
-41 Aug 22 j 19:00	● New	-40 Dec 29 j 22:58	●	-38 May 08 j 08:13	○ Full	-37 Sep 14 j 20:41	●
-41 Aug 29 j 13:17	●	-39 Jan 05 j 15:33	● New	-38 May 15 j 09:38	●	-37 Sep 21 j 21:36	○ Full
-41 Sep 05 j 19:32	○ Full	-39 Jan 12 j 12:28	●	-38 May 22 j 06:05	● New	-37 Sep 28 j 12:39	●
-41 Sep 13 j 22:57	●	-39 Jan 20 j 16:27	○ Full	-38 May 30 j 02:03	●	-37 Oct 06 j 09:19	● New
-41 Sep 21 j 05:41	● New	-39 Jan 28 j 11:03	●	-38 Jun 06 j 18:37	○ Full	-37 Oct 14 j 12:59	●
-41 Sep 27 j 20:50	●	-39 Feb 04 j 02:01	● New	-38 Jun 13 j 14:00	●	-37 Oct 21 j 07:19	○ Full
-41 Oct 05 j 12:14	○ Full	-39 Feb 11 j 05:34	●	-38 Jun 20 j 17:08	● New	-37 Oct 28 j 01:45	●
-41 Oct 13 j 16:49	●	-39 Feb 19 j 10:04	○ Full	-38 Jun 28 j 18:59	●	-37 Nov 05 j 04:21	● New
-41 Oct 20 j 16:10	● New	-39 Feb 26 j 19:35	●	-38 Jul 06 j 03:38	○ Full	-37 Nov 13 j 02:50	●
-41 Oct 27 j 07:36	●	-39 Mar 05 j 12:27	● New	-38 Jul 12 j 19:06	●	-37 Nov 19 j 17:56	○ Full
-41 Nov 04 j 07:08	○ Full	-39 Mar 12 j 23:54	●	-38 Jul 20 j 06:37	● New	-37 Nov 26 j 18:35	●
-41 Nov 12 j 08:53	●	-39 Mar 21 j 00:38	○ Full	-38 Jul 28 j 10:48	●	-37 Dec 04 j 23:43	● New
-41 Nov 19 j 02:39	● New	-39 Mar 28 j 01:42	●	-38 Aug 04 j 12:00	○ Full	-37 Dec 12 j 13:53	●
-41 Nov 25 j 22:18	●	-39 Apr 03 j 23:09	● New	-38 Aug 11 j 02:27	●	-37 Dec 19 j 05:41	○ Full
-41 Dec 04 j 02:39	○ Full	-39 Apr 11 j 18:26	●	-38 Aug 18 j 22:28	● New	-37 Dec 26 j 14:16	●
-41 Dec 11 j 22:15	●	-39 Apr 19 j 11:57	○ Full	-38 Aug 27 j 01:10	●	-36 Jan 03 j 17:34	● New
-41 Dec 18 j 13:24	● New	-39 Apr 26 j 06:47	●	-38 Sep 02 j 20:25	○ Full	-36 Jan 10 j 22:35	●
-41 Dec 25 j 16:29	●	-39 May 03 j 10:34	● New	-38 Sep 09 j 13:24	●	-36 Jan 17 j 18:25	○ Full
-40 Jan 02 j 21:10	○ Full	-39 May 11 j 12:00	●	-38 Sep 17 j 15:53	● New	-36 Jan 25 j 11:19	●
-40 Jan 10 j 08:34	●	-39 May 18 j 20:43	○ Full	-38 Sep 25 j 13:52	●	-36 Feb 02 j 08:30	● New
-40 Jan 17 j 00:47	● New	-39 May 25 j 12:10	●	-38 Oct 02 j 05:32	○ Full	-36 Feb 09 j 05:52	●
-40 Jan 24 j 12:42	●	-39 Jun 01 j 23:19	● New	-38 Oct 09 j 04:42	●	-36 Feb 16 j 07:56	○ Full
-40 Feb 01 j 13:31	○ Full	-39 Jun 10 j 03:38	●	-38 Oct 17 j 09:47	● New	-36 Feb 24 j 07:52	●
-40 Feb 08 j 16:18	●	-39 Jun 17 j 04:05	○ Full	-38 Oct 25 j 00:45	●	-36 Mar 02 j 20:13	● New
-40 Feb 15 j 13:06	● New	-39 Jun 23 j 19:04	●	-38 Oct 31 j 16:03	○ Full	-36 Mar 09 j 12:49	●
-40 Feb 23 j 09:02	●	-39 Jul 01 j 13:46	● New	-38 Nov 07 j 23:57	●	-36 Mar 16 j 22:10	○ Full
-40 Mar 02 j 03:00	○ Full	-39 Jul 09 j 16:49	●	-38 Nov 16 j 03:08	● New	-36 Mar 25 j 02:05	●
-40 Mar 08 j 22:30	●	-39 Jul 16 j 11:13	○ Full	-38 Nov 23 j 09:56	●	-36 Apr 01 j 05:19	● New
-40 Mar 16 j 02:26	● New	-39 Jul 23 j 04:35	●	-38 Nov 30 j 04:31	○ Full	-36 Apr 07 j 20:23	●
-40 Mar 24 j 03:54	●	-39 Jul 31 j 05:42	● New	-38 Dec 07 j 21:35	●	-36 Apr 15 j 13:06	○ Full
-40 Mar 31 j 13:32	○ Full	-39 Aug 08 j 03:41	●	-38 Dec 15 j 19:01	● New	-36 Apr 23 j 16:49	●
-40 Apr 07 j 04:35	●	-39 Aug 14 j 19:06	○ Full	-38 Dec 22 j 17:59	●	-36 Apr 30 j 12:48	● New
-40 Apr 14 j 16:35	● New	-39 Aug 21 j 17:36	●	-38 Dec 29 j 19:08	○ Full	-36 May 07 j 05:22	●
-40 Apr 22 j 20:17	●	-39 Aug 29 j 22:18	● New	-37 Jan 06 j 19:23	●	-36 May 15 j 04:29	○ Full
-40 Apr 29 j 21:39	○ Full	-39 Sep 06 j 12:47	●	-37 Jan 14 j 08:45	● New	-36 May 23 j 03:57	●
-40 May 06 j 11:49	●	-39 Sep 13 j 04:23	○ Full	-37 Jan 21 j 01:51	●	-36 May 29 j 19:43	● New
-40 May 14 j 07:14	● New	-39 Sep 20 j 10:35	●	-37 Jan 28 j 11:24	○ Full	-36 Jun 05 j 16:30	●
-40 May 22 j 09:43	●	-39 Sep 28 j 14:27	● New	-37 Feb 05 j 15:18	●	-36 Jun 13 j 19:44	○ Full
-40 May 29 j 04:21	○ Full	-39 Oct 05 j 20:53	●	-37 Feb 12 j 20:00	● New	-36 Jun 21 j 12:07	●
-40 Jun 04 j 21:15	●	-39 Oct 12 j 15:37	○ Full	-37 Feb 19 j 10:36	●	-36 Jun 28 j 02:59	● New
-40 Jun 12 j 22:09	● New	-39 Oct 20 j 07:00	●	-37 Feb 27 j 04:21	○ Full	-36 Jul 05 j 06:19	●
-40 Jun 20 j 20:11	●	-39 Oct 28 j 05:24	● New	-37 Mar 07 j 07:55	●	-36 Jul 13 j 10:08	○ Full
-40 Jun 27 j 10:53	○ Full	-39 Nov 04 j 04:47	●	-37 Mar 14 j 05:00	● New	-36 Jul 20 j 18:27	●
-40 Jul 04 j 09:30	●	-39 Nov 11 j 05:16	○ Full	-37 Mar 20 j 20:59	●	-36 Jul 27 j 11:26	● New
-40 Jul 12 j 13:05	● New	-39 Nov 19 j 05:05	●	-37 Mar 28 j 20:59	○ Full	-36 Aug 03 j 23:04	●
-40 Jul 20 j 04:10	●	-39 Nov 26 j 18:57	● New	-37 Apr 05 j 20:38	●	-36 Aug 11 j 23:15	○ Full
-40 Jul 26 j 18:30	○ Full	-39 Dec 03 j 13:14	●	-37 Apr 12 j 12:32	● New	-36 Aug 19 j 00:12	●
-40 Aug 03 j 00:47	●	-39 Dec 10 j 21:30	○ Full	-37 Apr 19 j 09:21	●	-36 Aug 25 j 21:56	● New
-40 Aug 11 j 03:41	● New	-39 Dec 19 j 02:18	●	-37 Apr 27 j 12:34	○ Full	-36 Sep 02 j 18:11	●
-40 Aug 18 j 10:35	●	-39 Dec 26 j 07:11	● New	-37 May 05 j 05:36	●	-36 Sep 10 j 11:13	○ Full
-40 Aug 25 j 04:12	○ Full	-38 Jan 01 j 22:56	●	-37 May 11 j 19:43	● New	-36 Sep 17 j 06:36	●
-40 Sep 01 j 18:52	●	-38 Jan 09 j 15:48	○ Full	-37 May 18 j 23:40	●	-36 Sep 24 j 11:17	● New
-40 Sep 09 j 17:31	● New	-38 Jan 17 j 20:33	●	-37 May 27 j 02:42	○ Full	-36 Oct 02 j 14:18	●
-40 Sep 16 j 16:42	●	-38 Jan 24 j 18:07	● New	-37 Jun 03 j 11:42	●	-36 Oct 09 j 22:32	○ Full
-40 Sep 23 j 16:38	○ Full	-38 Jan 31 j 10:26	●	-37 Jun 10 j 03:39	● New	-36 Oct 16 j 14:44	●
-40 Oct 01 j 15:00	●	-38 Feb 08 j 10:42	○ Full	-37 Jun 17 j 15:40	●	-36 Oct 24 j 03:52	● New
-40 Oct 09 j 06:16	● New	-38 Feb 16 j 10:51	●	-37 Jun 25 j 15:15	○ Full	-36 Nov 01 j 09:33	●

Phases of Moon from -36 through 0 (UT), Astrodienst AG 6-Nov-2015 17:26, page 13

Attention, astronomical year style is used: The year -36 in astronomical counting style is the year 37 BCE in historical counting style.

-36 Nov 08 j 09:42	○ Full	-34 Mar 18 j 13:08	●	-33 Jul 25 j 19:06	● New	-32 Dec 01 j 20:17	●
-36 Nov 15 j 01:29	●	-34 Mar 25 j 04:13	○ Full	-33 Aug 01 j 11:37	●	-32 Dec 08 j 12:26	● New
-36 Nov 22 j 23:05	● New	-34 Apr 01 j 13:52	●	-33 Aug 08 j 20:45	○ Full	-32 Dec 15 j 11:08	●
-36 Dec 01 j 02:23	●	-34 Apr 09 j 15:11	● New	-33 Aug 17 j 01:08	●	-32 Dec 23 j 16:11	○ Full
-36 Dec 07 j 20:51	○ Full	-34 Apr 16 j 18:56	●	-33 Aug 24 j 03:55	● New	-32 Dec 31 j 08:13	●
-36 Dec 14 j 15:22	●	-34 Apr 23 j 13:57	○ Full	-33 Aug 30 j 19:15	●	-31 Jan 06 j 23:20	● New
-36 Dec 22 j 19:09	● New	-34 May 01 j 07:25	●	-33 Sep 07 j 12:40	○ Full	-31 Jan 14 j 06:21	●
-36 Dec 30 j 16:01	●	-34 May 09 j 02:53	● New	-33 Sep 15 j 16:58	●	-31 Jan 22 j 09:42	○ Full
-35 Jan 06 j 07:48	○ Full	-34 May 15 j 23:20	●	-33 Sep 22 j 13:08	● New	-31 Jan 29 j 17:07	●
-35 Jan 13 j 08:17	●	-34 May 23 j 00:53	○ Full	-33 Sep 29 j 06:09	●	-31 Feb 05 j 10:56	● New
-35 Jan 21 j 13:53	● New	-34 May 31 j 00:31	●	-33 Oct 07 j 07:01	○ Full	-31 Feb 13 j 02:36	●
-35 Jan 29 j 02:25	●	-34 Jun 07 j 12:16	● New	-33 Oct 15 j 06:47	●	-31 Feb 21 j 00:35	○ Full
-35 Feb 04 j 18:33	○ Full	-34 Jun 14 j 03:57	●	-33 Oct 21 j 23:15	● New	-31 Feb 27 j 23:47	●
-35 Feb 12 j 03:23	●	-34 Jun 21 j 13:24	○ Full	-33 Oct 28 j 21:02	●	-31 Mar 06 j 23:29	● New
-35 Feb 20 j 05:48	● New	-34 Jun 29 j 16:35	●	-33 Nov 06 j 02:13	○ Full	-31 Mar 14 j 22:09	●
-35 Feb 27 j 10:08	●	-34 Jul 06 j 20:07	● New	-33 Nov 13 j 18:28	●	-31 Mar 22 j 12:28	○ Full
-35 Mar 06 j 05:26	○ Full	-34 Jul 13 j 10:22	●	-33 Nov 20 j 10:24	● New	-31 Mar 29 j 05:32	●
-35 Mar 13 j 23:02	●	-34 Jul 21 j 03:42	○ Full	-33 Nov 27 j 15:49	●	-31 Apr 05 j 12:57	● New
-35 Mar 21 j 18:36	● New	-34 Jul 29 j 07:07	●	-33 Dec 05 j 20:25	○ Full	-31 Apr 13 j 15:45	●
-35 Mar 28 j 16:04	●	-34 Aug 05 j 03:27	● New	-33 Dec 13 j 04:14	●	-31 Apr 20 j 21:37	○ Full
-35 Apr 04 j 17:08	○ Full	-34 Aug 11 j 19:50	●	-33 Dec 19 j 22:36	● New	-31 Apr 27 j 11:47	●
-35 Apr 12 j 17:34	●	-34 Aug 19 j 19:40	○ Full	-33 Dec 27 j 13:14	●	-31 May 05 j 03:09	● New
-35 Apr 20 j 04:45	● New	-34 Aug 27 j 19:43	●	-32 Jan 04 j 12:20	○ Full	-31 May 13 j 06:43	●
-35 Apr 26 j 21:26	●	-34 Sep 03 j 11:27	● New	-32 Jan 11 j 12:32	●	-31 May 20 j 04:50	○ Full
-35 May 04 j 06:08	○ Full	-34 Sep 10 j 09:07	●	-32 Jan 18 j 12:02	● New	-31 May 26 j 19:47	●
-35 May 12 j 09:49	●	-34 Sep 18 j 12:53	○ Full	-32 Jan 26 j 11:00	●	-31 Jun 03 j 17:52	● New
-35 May 19 j 13:00	● New	-34 Sep 26 j 06:16	●	-32 Feb 03 j 01:37	○ Full	-31 Jun 11 j 18:48	●
-35 May 26 j 03:35	●	-34 Oct 02 j 21:05	● New	-32 Feb 09 j 20:05	●	-31 Jun 18 j 11:18	○ Full
-35 Jun 02 j 20:30	○ Full	-34 Oct 10 j 02:16	●	-32 Feb 17 j 02:49	● New	-31 Jun 25 j 06:25	●
-35 Jun 10 j 23:27	●	-34 Oct 18 j 06:20	○ Full	-32 Feb 25 j 06:44	●	-31 Jul 03 j 08:53	● New
-35 Jun 17 j 20:10	● New	-34 Oct 25 j 15:11	●	-32 Mar 03 j 12:29	○ Full	-31 Jul 11 j 04:10	●
-35 Jun 24 j 11:53	●	-34 Nov 01 j 08:53	● New	-32 Mar 10 j 03:45	●	-31 Jul 17 j 18:16	○ Full
-35 Jul 02 j 11:46	○ Full	-34 Nov 08 j 22:38	●	-32 Mar 17 j 18:43	● New	-31 Jul 24 j 20:07	●
-35 Jul 10 j 10:40	●	-34 Nov 16 j 22:45	○ Full	-32 Mar 25 j 23:00	●	-31 Aug 01 j 23:54	● New
-35 Jul 17 j 03:08	● New	-34 Nov 23 j 23:14	●	-32 Apr 01 j 21:21	○ Full	-31 Aug 09 j 11:30	●
-35 Jul 23 j 23:27	●	-34 Nov 30 j 22:51	● New	-32 Apr 08 j 12:31	●	-31 Aug 16 j 02:55	○ Full
-35 Aug 01 j 03:17	○ Full	-34 Dec 08 j 20:41	●	-32 Apr 16 j 10:55	● New	-31 Aug 23 j 12:56	●
-35 Aug 08 j 19:56	●	-34 Dec 16 j 13:08	○ Full	-32 Apr 24 j 11:33	●	-31 Aug 31 j 14:28	● New
-35 Aug 15 j 10:52	● New	-34 Dec 23 j 07:26	●	-32 May 01 j 04:48	○ Full	-31 Sep 07 j 17:51	●
-35 Aug 22 j 14:49	●	-34 Dec 30 j 14:40	● New	-32 May 07 j 23:15	●	-31 Sep 14 j 14:03	○ Full
-35 Aug 30 j 18:32	○ Full	-33 Jan 07 j 18:11	●	-32 May 16 j 02:26	● New	-31 Sep 22 j 08:22	●
-35 Sep 07 j 03:48	●	-33 Jan 15 j 01:13	○ Full	-32 May 23 j 20:50	●	-31 Sep 30 j 04:06	● New
-35 Sep 13 j 20:28	● New	-33 Jan 21 j 16:37	●	-32 May 30 j 11:40	○ Full	-31 Oct 07 j 00:30	●
-35 Sep 21 j 09:37	●	-33 Jan 29 j 07:45	● New	-32 Jun 06 j 12:32	●	-31 Oct 14 j 04:01	○ Full
-35 Sep 29 j 09:14	○ Full	-33 Feb 06 j 12:53	●	-32 Jun 14 j 16:39	● New	-31 Oct 22 j 05:14	●
-35 Oct 06 j 11:01	○ Full	-33 Feb 13 j 11:21	○ Full	-32 Jun 22 j 03:42	●	-31 Oct 29 j 16:34	● New
-35 Oct 13 j 08:52	● New	-33 Feb 20 j 03:15	●	-32 Jun 28 j 19:02	○ Full	-31 Nov 05 j 08:44	●
-35 Oct 21 j 06:34	●	-33 Feb 28 j 01:20	● New	-32 Jul 06 j 04:24	●	-31 Nov 12 j 20:40	○ Full
-35 Oct 28 j 23:11	○ Full	-33 Mar 08 j 03:24	●	-32 Jul 14 j 05:28	● New	-31 Nov 21 j 01:41	●
-35 Nov 04 j 18:32	●	-33 Mar 14 j 20:09	○ Full	-32 Jul 21 j 09:10	●	-31 Nov 28 j 03:59	● New
-35 Nov 12 j 00:24	● New	-33 Mar 21 j 15:33	●	-32 Jul 28 j 04:09	○ Full	-31 Dec 04 j 19:27	●
-35 Nov 20 j 03:48	●	-33 Mar 29 j 18:23	● New	-32 Aug 04 j 22:16	●	-31 Dec 12 j 15:20	○ Full
-35 Nov 27 j 12:03	○ Full	-33 Apr 06 j 13:41	●	-32 Aug 12 j 17:15	● New	-31 Dec 20 j 19:37	●
-35 Dec 04 j 03:28	●	-33 Apr 13 j 04:17	○ Full	-32 Aug 19 j 14:28	●	-31 Dec 27 j 14:43	● New
-35 Dec 11 j 18:27	● New	-33 Apr 20 j 05:33	●	-32 Aug 26 j 16:06	○ Full	-30 Jan 03 j 08:53	●
-35 Dec 19 j 23:25	●	-33 Apr 28 j 09:48	● New	-32 Sep 03 j 17:09	●	-30 Jan 11 j 10:49	○ Full
-35 Dec 26 j 23:35	○ Full	-33 May 05 j 20:39	●	-32 Sep 11 j 04:24	● New	-30 Jan 19 j 09:44	●
-34 Jan 02 j 14:42	●	-33 May 12 j 12:24	○ Full	-32 Sep 17 j 20:57	●	-30 Jan 26 j 01:06	● New
-34 Jan 10 j 13:34	● New	-33 May 19 j 21:13	●	-32 Sep 25 j 07:22	○ Full	-30 Feb 02 j 00:42	●
-34 Jan 18 j 15:54	●	-33 May 27 j 22:55	● New	-32 Oct 03 j 11:52	●	-30 Feb 10 j 05:23	○ Full
-34 Jan 25 j 09:47	○ Full	-33 Jun 04 j 01:40	●	-32 Oct 10 j 15:13	● New	-30 Feb 17 j 19:54	●
-34 Feb 01 j 04:34	●	-33 Jun 10 j 21:16	○ Full	-32 Oct 17 j 06:02	●	-30 Feb 24 j 11:18	● New
-34 Feb 09 j 08:07	● New	-33 Jun 18 j 14:15	●	-32 Oct 25 j 01:27	○ Full	-30 Mar 03 j 18:12	●
-34 Feb 17 j 04:26	●	-33 Jun 26 j 09:46	● New	-32 Nov 02 j 05:16	●	-30 Mar 11 j 21:29	○ Full
-34 Feb 23 j 19:05	○ Full	-33 Jul 03 j 06:11	●	-32 Nov 09 j 01:49	● New	-30 Mar 19 j 02:58	●
-34 Mar 02 j 20:36	●	-33 Jul 10 j 07:46	○ Full	-32 Nov 15 j 18:42	●	-30 Mar 25 j 21:33	● New
-34 Mar 11 j 00:53	● New	-33 Jul 18 j 07:54	●	-32 Nov 23 j 20:57	○ Full	-30 Apr 02 j 12:30	●

Phases of Moon from -30 through 0 (UT), Astrodienst AG 6-Nov-2015 17:26, page 14

Attention, astronomical year style is used: The year -30 in astronomical counting style is the year 31 BCE in historical counting style.

-30 Apr 10 j 10:20	○ Full	-29 Aug 17 j 21:47	● New	-28 Dec 24 j 13:03	● New	-26 May 03 j 05:11	● New
-30 Apr 17 j 08:16	● New	-29 Aug 24 j 20:10	○ Full	-28 Dec 31 j 22:59	● New	-26 May 10 j 12:45	● New
-30 Apr 24 j 08:16	● New	-29 Aug 31 j 11:18	● New	-27 Jan 07 j 16:15	○ Full	-26 May 17 j 04:06	● New
-30 May 02 j 06:33	● New	-29 Sep 08 j 10:39	● New	-27 Jan 15 j 04:33	● New	-26 May 24 j 16:25	○ Full
-30 May 09 j 20:14	○ Full	-29 Sep 16 j 11:42	● New	-27 Jan 23 j 05:32	● New	-26 Jun 01 j 20:14	● New
-30 May 16 j 13:13	● New	-29 Sep 23 j 05:02	○ Full	-27 Jan 30 j 06:45	● New	-26 Jun 08 j 20:23	● New
-30 May 23 j 20:05	● New	-29 Sep 30 j 00:25	● New	-27 Feb 06 j 05:08	○ Full	-26 Jun 15 j 11:01	● New
-30 May 31 j 23:16	● New	-29 Oct 08 j 04:41	● New	-27 Feb 14 j 01:23	● New	-26 Jun 23 j 07:16	○ Full
-30 Jun 08 j 04:11	○ Full	-29 Oct 15 j 23:49	● New	-27 Feb 21 j 18:45	● New	-26 Jul 01 j 08:50	● New
-30 Jun 14 j 19:05	● New	-29 Oct 22 j 14:54	○ Full	-27 Feb 28 j 13:33	● New	-26 Jul 08 j 03:25	● New
-30 Jun 22 j 09:35	● New	-29 Oct 29 j 17:51	● New	-27 Mar 07 j 18:41	○ Full	-26 Jul 14 j 20:44	● New
-30 Jun 30 j 13:54	● New	-29 Nov 06 j 22:39	● New	-27 Mar 15 j 20:47	● New	-26 Jul 22 j 22:52	○ Full
-30 Jul 07 j 11:23	○ Full	-29 Nov 14 j 10:03	● New	-27 Mar 23 j 04:56	● New	-26 Jul 30 j 19:19	● New
-30 Jul 14 j 03:05	● New	-29 Nov 21 j 02:23	○ Full	-27 Mar 29 j 20:26	● New	-26 Aug 06 j 10:45	● New
-30 Jul 22 j 00:53	● New	-29 Nov 28 j 14:32	● New	-27 Apr 06 j 08:59	○ Full	-26 Aug 13 j 10:10	● New
-30 Jul 30 j 02:11	● New	-29 Dec 06 j 15:32	● New	-27 Apr 14 j 13:18	● New	-26 Aug 21 j 14:32	○ Full
-30 Aug 05 j 18:55	○ Full	-29 Dec 13 j 18:38	● New	-27 Apr 21 j 12:59	● New	-26 Aug 29 j 04:07	● New
-30 Aug 12 j 14:13	● New	-29 Dec 20 j 15:51	○ Full	-27 Apr 28 j 04:21	● New	-26 Sep 04 j 19:25	● New
-30 Aug 20 j 17:29	● New	-29 Dec 28 j 12:29	● New	-27 May 05 j 23:59	○ Full	-26 Sep 12 j 03:27	● New
-30 Aug 28 j 12:24	● New	-28 Jan 05 j 06:27	● New	-27 May 14 j 02:16	● New	-26 Sep 20 j 05:51	○ Full
-30 Sep 04 j 03:35	○ Full	-28 Jan 12 j 02:23	● New	-27 May 20 j 20:00	● New	-26 Sep 27 j 11:48	● New
-30 Sep 11 j 05:16	● New	-28 Jan 19 j 07:10	○ Full	-27 May 27 j 14:05	● New	-26 Oct 04 j 06:25	● New
-30 Sep 19 j 10:16	● New	-28 Jan 27 j 09:28	● New	-27 Jun 04 j 15:21	○ Full	-26 Oct 11 j 23:41	● New
-30 Sep 26 j 21:12	● New	-28 Feb 03 j 18:53	● New	-27 Jun 12 j 11:57	● New	-26 Oct 19 j 20:29	○ Full
-30 Oct 03 j 13:54	○ Full	-28 Feb 10 j 10:20	● New	-27 Jun 19 j 02:58	● New	-26 Oct 26 j 19:11	● New
-30 Oct 11 j 00:12	● New	-28 Feb 17 j 23:37	○ Full	-27 Jun 26 j 02:20	● New	-26 Nov 02 j 20:26	● New
-30 Oct 19 j 02:10	● New	-28 Feb 26 j 03:46	● New	-27 Jul 04 j 06:22	○ Full	-26 Nov 10 j 21:10	● New
-30 Oct 26 j 05:19	● New	-28 Mar 04 j 04:49	● New	-27 Jul 11 j 19:16	● New	-26 Nov 18 j 10:07	○ Full
-30 Nov 02 j 02:21	○ Full	-28 Mar 10 j 19:31	● New	-27 Jul 18 j 10:45	● New	-26 Nov 25 j 03:18	● New
-30 Nov 09 j 21:51	● New	-28 Mar 18 j 16:15	○ Full	-27 Jul 25 j 17:36	● New	-26 Dec 02 j 13:19	● New
-30 Nov 17 j 16:39	● New	-28 Mar 26 j 18:25	● New	-27 Aug 02 j 20:24	○ Full	-26 Dec 10 j 17:56	● New
-30 Nov 24 j 13:28	● New	-28 Apr 02 j 12:48	● New	-27 Aug 10 j 01:23	● New	-26 Dec 17 j 22:25	○ Full
-30 Dec 01 j 17:16	○ Full	-28 Apr 09 j 06:32	● New	-27 Aug 16 j 20:12	● New	-26 Dec 24 j 13:11	● New
-30 Dec 09 j 19:54	● New	-28 Apr 17 j 08:15	○ Full	-27 Aug 24 j 11:47	● New	-25 Jan 01 j 07:59	● New
-30 Dec 17 j 05:37	● New	-28 Apr 25 j 05:13	● New	-27 Sep 01 j 09:11	○ Full	-25 Jan 09 j 12:11	● New
-30 Dec 23 j 22:23	● New	-28 May 01 j 19:52	● New	-27 Sep 08 j 07:30	● New	-25 Jan 16 j 09:11	○ Full
-30 Dec 31 j 10:31	○ Full	-28 May 08 j 19:36	● New	-27 Sep 15 j 08:07	● New	-25 Jan 23 j 01:29	● New
-29 Jan 08 j 15:52	● New	-28 May 16 j 23:06	○ Full	-27 Sep 23 j 07:51	● New	-25 Jan 31 j 02:49	● New
-29 Jan 15 j 17:09	● New	-28 May 24 j 12:42	● New	-27 Sep 30 j 21:03	○ Full	-25 Feb 08 j 02:45	● New
-29 Jan 22 j 08:43	● New	-28 May 31 j 03:11	● New	-27 Oct 07 j 14:46	● New	-25 Feb 14 j 18:42	○ Full
-29 Jan 30 j 05:08	○ Full	-28 Jun 07 j 10:37	● New	-27 Oct 14 j 23:10	● New	-25 Feb 21 j 16:10	● New
-29 Feb 07 j 08:11	● New	-28 Jun 15 j 12:32	○ Full	-27 Oct 23 j 04:03	● New	-25 Mar 01 j 20:26	● New
-29 Feb 14 j 03:18	● New	-28 Jun 22 j 17:57	● New	-27 Oct 30 j 08:28	○ Full	-25 Mar 09 j 13:15	● New
-29 Feb 20 j 20:55	● New	-28 Jun 29 j 11:48	● New	-27 Nov 06 j 00:08	● New	-25 Mar 16 j 03:35	○ Full
-29 Feb 28 j 23:26	○ Full	-28 Jul 07 j 03:17	● New	-27 Nov 13 j 17:15	● New	-25 Mar 23 j 08:35	○ Full
-29 Mar 08 j 20:27	● New	-28 Jul 15 j 00:30	○ Full	-27 Nov 21 j 22:28	● New	-25 Mar 31 j 11:54	● New
-29 Mar 15 j 12:12	● New	-28 Jul 21 j 22:29	● New	-27 Nov 28 j 19:44	○ Full	-25 Apr 07 j 20:17	● New
-29 Mar 22 j 11:11	● New	-28 Jul 28 j 22:36	● New	-27 Dec 05 j 12:19	● New	-25 Apr 14 j 12:41	○ Full
-29 Mar 30 j 15:52	○ Full	-28 Aug 05 j 21:11	● New	-27 Dec 13 j 13:10	● New	-25 Apr 22 j 01:50	● New
-29 Apr 07 j 05:08	● New	-28 Aug 13 j 11:10	○ Full	-27 Dec 21 j 13:54	● New	-25 Apr 30 j 00:52	● New
-29 Apr 13 j 20:25	● New	-28 Aug 20 j 03:54	● New	-27 Dec 28 j 06:47	○ Full	-25 May 07 j 01:07	● New
-29 Apr 21 j 03:16	● New	-28 Aug 27 j 12:02	● New	-26 Jan 04 j 03:34	● New	-25 May 13 j 22:44	○ Full
-29 Apr 29 j 05:42	○ Full	-28 Sep 04 j 15:29	● New	-26 Jan 12 j 08:46	● New	-25 May 21 j 19:07	● New
-29 May 06 j 11:09	● New	-28 Sep 11 j 20:59	○ Full	-26 Jan 20 j 01:55	● New	-25 May 29 j 11:23	● New
-29 May 13 j 04:55	● New	-28 Sep 18 j 11:41	● New	-26 Jan 26 j 17:27	○ Full	-25 Jun 05 j 05:22	● New
-29 May 20 j 20:26	● New	-28 Sep 26 j 04:11	● New	-26 Feb 02 j 21:26	● New	-25 Jun 12 j 10:17	○ Full
-29 May 28 j 17:09	○ Full	-28 Oct 04 j 09:01	● New	-26 Feb 11 j 02:06	● New	-25 Jun 20 j 11:51	● New
-29 Jun 04 j 15:43	● New	-28 Oct 11 j 06:40	○ Full	-26 Feb 18 j 10:49	● New	-25 Jun 27 j 20:00	● New
-29 Jun 11 j 14:48	● New	-28 Oct 17 j 22:54	● New	-26 Feb 25 j 03:56	○ Full	-25 Jul 04 j 10:39	● New
-29 Jun 19 j 13:44	● New	-28 Oct 25 j 22:37	● New	-26 Mar 04 j 16:44	● New	-25 Jul 11 j 23:39	○ Full
-29 Jun 27 j 02:53	○ Full	-28 Nov 03 j 00:31	● New	-26 Mar 12 j 16:21	● New	-25 Jul 20 j 03:27	● New
-29 Jul 03 j 20:15	● New	-28 Nov 09 j 16:55	○ Full	-26 Mar 19 j 17:22	● New	-25 Jul 27 j 03:37	● New
-29 Jul 11 j 02:58	● New	-28 Nov 16 j 13:54	● New	-26 Mar 26 j 14:51	○ Full	-25 Aug 02 j 18:26	● New
-29 Jul 19 j 06:21	● New	-28 Nov 24 j 18:10	● New	-26 Apr 03 j 11:47	● New	-25 Aug 10 j 14:55	○ Full
-29 Jul 26 j 11:39	○ Full	-28 Dec 02 j 13:09	● New	-26 Apr 11 j 03:40	● New	-25 Aug 18 j 17:24	● New
-29 Aug 02 j 02:17	● New	-28 Dec 09 j 04:07	○ Full	-26 Apr 17 j 22:42	● New	-25 Aug 25 j 11:20	● New
-29 Aug 09 j 17:44	● New	-28 Dec 16 j 08:10	● New	-26 Apr 25 j 02:53	○ Full	-25 Sep 01 j 05:46	● New

Phases of Moon from -25 through 0 (UT), Astrodienst AG 6-Nov-2015 17:26, page 15

Attention, astronomical year style is used: The year -25 in astronomical counting style is the year 26 BCE in historical counting style.

-25 Sep 09 j 07:48	○ Full	-23 Jan 16 j 04:01	●	-22 May 25 j 13:39	● New	-21 Oct 01 j 18:01	●
-25 Sep 17 j 05:20	●	-23 Jan 23 j 23:27	○ Full	-22 Jun 02 j 16:30	●	-21 Oct 09 j 22:20	● New
-25 Sep 23 j 20:13	● New	-23 Jan 30 j 20:46	●	-22 Jun 09 j 11:49	○ Full	-21 Oct 17 j 05:45	●
-25 Sep 30 j 21:04	●	-23 Feb 06 j 23:13	● New	-22 Jun 16 j 04:14	●	-21 Oct 24 j 00:06	○ Full
-25 Oct 09 j 01:33	○ Full	-23 Feb 15 j 00:52	●	-22 Jun 24 j 04:33	● New	-21 Oct 31 j 14:39	●
-25 Oct 16 j 15:17	●	-23 Feb 22 j 11:23	○ Full	-22 Jul 02 j 03:24	●	-21 Nov 08 j 13:49	● New
-25 Oct 23 j 07:01	● New	-23 Mar 01 j 04:02	●	-22 Jul 08 j 18:25	○ Full	-21 Nov 15 j 13:56	●
-25 Oct 30 j 16:01	●	-23 Mar 08 j 14:19	● New	-22 Jul 15 j 16:16	●	-21 Nov 22 j 13:45	○ Full
-25 Nov 07 j 18:54	○ Full	-23 Mar 16 j 18:51	●	-22 Jul 23 j 19:46	● New	-21 Nov 30 j 12:55	●
-25 Nov 14 j 23:50	●	-23 Mar 23 j 21:03	○ Full	-22 Jul 31 j 11:55	●	-21 Dec 08 j 03:41	● New
-25 Nov 21 j 19:56	● New	-23 Mar 30 j 11:49	●	-22 Aug 07 j 02:11	○ Full	-21 Dec 14 j 22:22	●
-25 Nov 29 j 13:30	●	-23 Apr 07 j 06:12	● New	-22 Aug 14 j 07:34	●	-21 Dec 22 j 05:47	○ Full
-25 Dec 07 j 10:32	○ Full	-23 Apr 15 j 09:13	●	-22 Aug 22 j 10:54	● New	-21 Dec 30 j 10:15	●
-25 Dec 14 j 07:52	●	-23 Apr 22 j 05:01	○ Full	-22 Aug 29 j 18:52	●	-20 Jan 06 j 15:57	● New
-25 Dec 21 j 10:46	● New	-23 Apr 28 j 21:10	●	-22 Sep 05 j 12:07	○ Full	-20 Jan 13 j 07:45	●
-25 Dec 29 j 11:33	●	-23 May 06 j 22:01	● New	-22 Sep 13 j 01:55	●	-20 Jan 20 j 23:42	○ Full
-24 Jan 05 j 23:47	○ Full	-23 May 14 j 20:07	●	-22 Sep 21 j 01:22	● New	-20 Jan 29 j 04:30	●
-24 Jan 12 j 16:20	●	-23 May 21 j 11:58	○ Full	-22 Sep 28 j 01:25	●	-20 Feb 05 j 02:41	● New
-24 Jan 20 j 03:05	● New	-23 May 28 j 08:52	●	-22 Oct 05 j 00:45	○ Full	-20 Feb 11 j 18:40	●
-24 Jan 28 j 07:51	●	-23 Jun 05 j 12:56	● New	-22 Oct 12 j 22:28	●	-20 Feb 19 j 18:09	○ Full
-24 Feb 04 j 10:44	○ Full	-23 Jun 13 j 04:14	●	-22 Oct 20 j 14:42	● New	-20 Feb 27 j 18:45	●
-24 Feb 11 j 01:56	●	-23 Jun 19 j 18:53	○ Full	-22 Oct 27 j 08:51	●	-20 Mar 05 j 11:58	● New
-24 Feb 18 j 20:16	● New	-23 Jun 26 j 23:20	●	-22 Nov 03 j 16:09	○ Full	-20 Mar 12 j 07:32	●
-24 Feb 27 j 00:30	●	-23 Jul 05 j 02:35	● New	-22 Nov 11 j 19:37	●	-20 Mar 20 j 11:28	○ Full
-24 Mar 04 j 19:58	○ Full	-23 Jul 12 j 10:26	●	-22 Nov 19 j 02:48	● New	-20 Mar 28 j 05:06	●
-24 Mar 11 j 13:02	●	-23 Jul 19 j 02:59	○ Full	-22 Nov 25 j 18:15	●	-20 Apr 03 j 20:14	● New
-24 Mar 19 j 13:29	● New	-23 Jul 26 j 16:20	○ Full	-22 Dec 03 j 09:54	○ Full	-20 Apr 10 j 22:25	●
-24 Mar 27 j 12:49	●	-23 Aug 03 j 15:05	● New	-22 Dec 11 j 15:12	●	-20 Apr 19 j 02:32	○ Full
-24 Apr 03 j 04:09	○ Full	-23 Aug 10 j 15:50	●	-22 Dec 18 j 13:53	● New	-20 Apr 26 j 12:17	●
-24 Apr 10 j 01:49	●	-23 Aug 17 j 13:28	○ Full	-22 Dec 25 j 06:11	●	-20 May 03 j 04:14	● New
-24 Apr 18 j 05:42	● New	-23 Aug 25 j 11:04	●	-21 Jan 02 j 05:05	○ Full	-20 May 10 j 14:54	●
-24 Apr 25 j 21:18	●	-23 Sep 02 j 02:49	● New	-21 Jan 10 j 07:24	●	-20 May 18 j 15:08	○ Full
-24 May 02 j 12:01	○ Full	-23 Sep 08 j 21:42	●	-21 Jan 17 j 00:19	● New	-20 May 25 j 17:24	●
-24 May 09 j 16:23	●	-23 Sep 16 j 03:10	○ Full	-21 Jan 23 j 20:36	●	-20 Jun 01 j 13:08	● New
-24 May 17 j 20:00	● New	-23 Sep 24 j 06:19	●	-21 Feb 01 j 00:11	○ Full	-20 Jun 09 j 08:10	●
-24 May 25 j 03:09	●	-23 Oct 01 j 14:03	● New	-21 Feb 08 j 19:28	●	-20 Jun 17 j 01:43	○ Full
-24 May 31 j 20:16	○ Full	-23 Oct 08 j 05:25	●	-21 Feb 15 j 10:23	● New	-20 Jun 23 j 21:47	●
-24 Jun 08 j 08:39	●	-23 Oct 15 j 20:05	○ Full	-21 Feb 22 j 13:01	●	-20 Jun 30 j 23:59	● New
-24 Jun 16 j 08:02	● New	-23 Oct 24 j 00:50	●	-21 Mar 02 j 17:33	○ Full	-20 Jul 09 j 01:20	●
-24 Jun 23 j 07:47	●	-23 Oct 31 j 00:56	● New	-21 Mar 10 j 03:53	●	-20 Jul 16 j 11:03	○ Full
-24 Jun 30 j 05:46	○ Full	-23 Nov 06 j 16:13	●	-21 Mar 16 j 20:19	● New	-20 Jul 23 j 02:53	●
-24 Jul 08 j 02:10	●	-23 Nov 14 j 15:10	○ Full	-21 Mar 24 j 06:42	●	-20 Jul 30 j 13:29	● New
-24 Jul 15 j 18:12	● New	-23 Nov 22 j 17:25	●	-21 Apr 01 j 07:57	○ Full	-20 Aug 07 j 17:41	●
-24 Jul 22 j 12:39	●	-23 Nov 29 j 11:36	● New	-21 Apr 08 j 09:48	●	-20 Aug 14 j 19:50	○ Full
-24 Jul 29 j 17:25	○ Full	-23 Dec 06 j 06:43	●	-21 Apr 15 j 06:28	● New	-20 Aug 21 j 10:16	○ Full
-24 Aug 06 j 19:59	●	-23 Dec 14 j 10:46	○ Full	-21 Apr 23 j 00:47	●	-20 Aug 29 j 05:33	● New
-24 Aug 14 j 03:23	● New	-23 Dec 22 j 07:04	●	-21 Apr 30 j 19:13	○ Full	-20 Sep 06 j 08:45	●
-24 Aug 20 j 19:06	●	-23 Dec 28 j 22:15	● New	-21 May 07 j 14:38	●	-20 Sep 13 j 04:39	○ Full
-24 Aug 28 j 07:58	○ Full	-22 Jan 05 j 00:30	●	-21 May 14 j 17:26	● New	-20 Sep 19 j 21:16	●
-24 Sep 05 j 12:58	●	-22 Jan 13 j 05:15	○ Full	-21 May 22 j 18:15	●	-20 Sep 27 j 23:22	● New
-24 Sep 12 j 12:34	● New	-22 Jan 20 j 17:26	●	-21 May 30 j 04:01	○ Full	-20 Oct 05 j 22:10	●
-24 Sep 19 j 04:18	●	-22 Jan 27 j 09:16	● New	-21 Jun 05 j 19:46	●	-20 Oct 12 j 14:07	○ Full
-24 Sep 27 j 01:23	○ Full	-22 Feb 03 j 20:11	●	-21 Jun 13 j 05:54	● New	-20 Oct 19 j 12:37	●
-24 Oct 05 j 04:12	●	-22 Feb 11 j 21:28	○ Full	-21 Jun 21 j 10:08	●	-20 Oct 27 j 17:44	● New
-24 Oct 11 j 22:24	● New	-22 Feb 19 j 00:57	●	-21 Jun 28 j 11:32	○ Full	-20 Nov 04 j 09:37	●
-24 Oct 18 j 17:10	●	-22 Feb 25 j 21:02	● New	-21 Jul 05 j 02:28	●	-20 Nov 11 j 00:49	○ Full
-24 Oct 26 j 20:35	○ Full	-22 Mar 05 j 16:00	●	-21 Jul 12 j 20:18	● New	-20 Nov 18 j 07:52	●
-24 Nov 03 j 17:15	●	-22 Mar 13 j 10:45	○ Full	-21 Jul 20 j 23:50	●	-20 Nov 26 j 11:28	● New
-24 Nov 10 j 09:08	● New	-22 Mar 20 j 06:48	●	-21 Jul 27 j 18:55	○ Full	-20 Dec 03 j 19:06	●
-24 Nov 17 j 10:03	●	-22 Mar 27 j 09:44	● New	-21 Aug 03 j 11:52	●	-20 Dec 10 j 13:13	○ Full
-24 Nov 25 j 15:39	○ Full	-22 Apr 04 j 10:32	●	-21 Aug 11 j 12:30	● New	-20 Dec 18 j 05:25	●
-24 Dec 03 j 04:06	●	-22 Apr 11 j 21:07	○ Full	-21 Aug 19 j 11:22	●	-20 Dec 26 j 03:33	● New
-24 Dec 09 j 20:46	● New	-22 Apr 18 j 12:25	●	-21 Aug 26 j 03:05	○ Full	-19 Jan 02 j 03:08	●
-24 Dec 17 j 06:16	●	-22 Apr 25 j 23:20	● New	-21 Sep 02 j 00:54	●	-19 Jan 09 j 03:30	○ Full
-24 Dec 25 j 08:53	○ Full	-22 May 04 j 02:51	●	-21 Sep 10 j 05:36	● New	-19 Jan 17 j 03:02	●
-23 Jan 01 j 13:05	●	-22 May 11 j 05:08	○ Full	-21 Sep 17 j 21:07	●	-19 Jan 24 j 17:14	● New
-23 Jan 08 j 09:23	● New	-22 May 17 j 19:11	●	-21 Sep 24 j 12:40	○ Full	-19 Jan 31 j 10:41	●

Phases of Moon from -19 through 0 (UT), Astrodienst AG 6-Nov-2015 17:26, page 16

Attention, astronomical year style is used: The year -19 in astronomical counting style is the year 20 BCE in historical counting style.

-19 Feb 07 j 19:14	○ Full	-18 Jun 16 j 23:15	● New	-17 Oct 24 j 17:14	● New	-15 Mar 02 j 11:17	● New
-19 Feb 15 j 22:45	● New	-18 Jun 25 j 02:12	○ Full	-17 Nov 01 j 14:14	● New	-15 Mar 10 j 08:29	● New
-19 Feb 23 j 04:16	● New	-18 Jul 02 j 19:35	● New	-17 Nov 09 j 07:45	○ Full	-15 Mar 18 j 10:56	● New
-19 Mar 01 j 18:51	● New	-18 Jul 09 j 10:29	● New	-17 Nov 16 j 03:39	● New	-15 Mar 25 j 04:06	○ Full
-19 Mar 09 j 11:36	○ Full	-18 Jul 16 j 12:54	● New	-17 Nov 23 j 08:45	● New	-15 Mar 31 j 22:51	● New
-19 Mar 17 j 15:14	● New	-18 Jul 24 j 16:58	○ Full	-17 Dec 01 j 11:45	● New	-15 Apr 09 j 01:09	● New
-19 Mar 24 j 12:59	● New	-18 Aug 01 j 02:23	● New	-17 Dec 08 j 20:52	○ Full	-15 Apr 16 j 21:14	● New
-19 Mar 31 j 04:33	● New	-18 Aug 07 j 19:03	● New	-17 Dec 15 j 12:29	● New	-15 Apr 23 j 11:52	○ Full
-19 Apr 08 j 03:45	○ Full	-18 Aug 15 j 05:44	● New	-17 Dec 23 j 02:37	● New	-15 Apr 30 j 12:13	● New
-19 Apr 16 j 03:56	● New	-18 Aug 23 j 06:40	○ Full	-17 Dec 31 j 07:32	● New	-15 May 08 j 16:26	● New
-19 Apr 22 j 20:13	● New	-18 Aug 30 j 08:34	● New	-16 Jan 07 j 08:24	○ Full	-15 May 16 j 04:16	● New
-19 Apr 29 j 16:16	● New	-18 Sep 06 j 05:44	● New	-16 Jan 13 j 23:19	● New	-15 May 22 j 19:42	○ Full
-19 May 07 j 19:06	○ Full	-18 Sep 14 j 01:13	● New	-16 Jan 21 j 21:23	● New	-15 May 30 j 03:27	● New
-19 May 15 j 13:02	● New	-18 Sep 21 j 19:15	○ Full	-16 Jan 30 j 00:03	● New	-15 Jun 07 j 05:41	● New
-19 May 22 j 03:08	● New	-18 Sep 28 j 15:18	● New	-16 Feb 05 j 18:21	○ Full	-15 Jun 14 j 09:24	● New
-19 May 29 j 06:05	● New	-18 Oct 05 j 19:14	● New	-16 Feb 12 j 12:32	● New	-15 Jun 21 j 04:23	○ Full
-19 Jun 06 j 09:18	○ Full	-18 Oct 13 j 21:52	● New	-16 Feb 20 j 15:34	● New	-15 Jun 28 j 20:24	● New
-19 Jun 13 j 19:20	● New	-18 Oct 21 j 07:05	○ Full	-16 Feb 28 j 12:32	● New	-15 Jul 06 j 16:52	● New
-19 Jun 20 j 10:54	● New	-18 Oct 27 j 23:35	● New	-16 Mar 06 j 03:14	○ Full	-15 Jul 13 j 14:03	● New
-19 Jun 27 j 21:53	● New	-18 Nov 04 j 11:56	● New	-16 Mar 13 j 03:50	● New	-15 Jul 20 j 14:50	○ Full
-19 Jul 05 j 22:10	○ Full	-18 Nov 12 j 17:38	● New	-16 Mar 21 j 08:03	● New	-15 Jul 28 j 14:22	● New
-19 Jul 13 j 00:09	● New	-18 Nov 19 j 18:34	○ Full	-16 Mar 28 j 21:08	● New	-15 Aug 05 j 02:39	● New
-19 Jul 19 j 20:31	● New	-18 Nov 26 j 10:15	● New	-16 Apr 04 j 11:53	○ Full	-15 Aug 11 j 19:38	● New
-19 Jul 27 j 15:20	● New	-18 Dec 04 j 07:09	● New	-16 Apr 11 j 20:28	● New	-15 Aug 19 j 03:56	○ Full
-19 Aug 04 j 09:41	○ Full	-18 Dec 12 j 10:50	● New	-16 Apr 19 j 22:13	● New	-15 Aug 27 j 08:12	● New
-19 Aug 11 j 05:03	● New	-18 Dec 19 j 05:46	○ Full	-16 Apr 27 j 02:50	● New	-15 Sep 03 j 11:58	● New
-19 Aug 18 j 08:39	● New	-18 Dec 25 j 23:48	● New	-16 May 03 j 21:10	○ Full	-15 Sep 10 j 03:24	● New
-19 Aug 26 j 09:48	● New	-17 Jan 03 j 03:08	● New	-16 May 11 j 13:38	● New	-15 Sep 17 j 20:05	○ Full
-19 Sep 02 j 20:07	○ Full	-17 Jan 11 j 00:38	● New	-16 May 19 j 09:56	● New	-15 Sep 26 j 00:45	● New
-19 Sep 09 j 11:35	● New	-17 Jan 17 j 16:30	○ Full	-16 May 26 j 07:07	● New	-15 Oct 02 j 21:38	● New
-19 Sep 16 j 23:33	● New	-17 Jan 24 j 16:10	● New	-16 Jun 02 j 07:45	○ Full	-15 Oct 09 j 14:22	● New
-19 Sep 25 j 04:13	● New	-17 Feb 01 j 21:41	● New	-16 Jun 10 j 06:42	● New	-15 Oct 17 j 14:46	○ Full
-19 Oct 02 j 06:02	○ Full	-17 Feb 09 j 11:00	● New	-16 Jun 17 j 19:31	● New	-15 Oct 25 j 15:15	● New
-19 Oct 08 j 21:03	● New	-17 Feb 16 j 02:49	○ Full	-16 Jun 24 j 11:37	● New	-15 Nov 01 j 08:03	● New
-19 Oct 16 j 17:04	● New	-17 Feb 23 j 10:37	● New	-16 Jul 01 j 20:06	○ Full	-15 Nov 08 j 05:14	● New
-19 Oct 24 j 21:13	● New	-17 Mar 03 j 13:25	● New	-16 Jul 09 j 23:06	● New	-15 Nov 16 j 10:19	○ Full
-19 Oct 31 j 16:06	○ Full	-17 Mar 10 j 18:31	● New	-16 Jul 17 j 03:39	● New	-15 Nov 24 j 03:24	● New
-19 Nov 07 j 10:09	● New	-17 Mar 17 j 13:09	○ Full	-16 Jul 23 j 17:58	● New	-15 Nov 30 j 19:16	● New
-19 Nov 15 j 12:22	● New	-17 Mar 25 j 05:44	● New	-16 Jul 31 j 10:28	○ Full	-15 Dec 07 j 23:51	● New
-19 Nov 23 j 11:34	● New	-17 Apr 02 j 02:04	● New	-16 Aug 08 j 14:14	● New	-15 Dec 16 j 04:43	○ Full
-19 Nov 30 j 02:51	○ Full	-17 Apr 09 j 00:09	● New	-16 Aug 15 j 11:21	● New	-15 Dec 23 j 13:20	● New
-19 Dec 07 j 02:47	● New	-17 Apr 16 j 00:16	○ Full	-16 Aug 22 j 03:26	● New	-15 Dec 30 j 07:16	● New
-19 Dec 15 j 07:54	● New	-17 Apr 23 j 23:57	● New	-16 Aug 30 j 02:45	○ Full	-14 Jan 06 j 20:58	● New
-19 Dec 22 j 22:52	● New	-17 May 01 j 12:08	● New	-16 Sep 07 j 03:34	● New	-14 Jan 14 j 20:40	○ Full
-19 Dec 29 j 14:27	○ Full	-17 May 08 j 05:11	● New	-16 Sep 13 j 19:43	● New	-14 Jan 21 j 21:31	○ Full
-18 Jan 05 j 22:06	● New	-17 May 15 j 12:49	○ Full	-16 Sep 20 j 16:46	● New	-14 Jan 28 j 20:13	● New
-18 Jan 14 j 01:46	● New	-17 May 23 j 16:14	● New	-16 Sep 28 j 20:26	○ Full	-14 Feb 05 j 18:22	● New
-18 Jan 21 j 07:31	● New	-17 May 30 j 20:24	● New	-16 Oct 06 j 14:48	● New	-14 Feb 13 j 09:49	○ Full
-18 Jan 28 j 02:46	○ Full	-17 Jun 06 j 11:01	● New	-16 Oct 13 j 05:38	● New	-14 Feb 20 j 04:41	● New
-18 Feb 04 j 18:43	● New	-17 Jun 14 j 02:57	○ Full	-16 Oct 20 j 10:01	● New	-14 Feb 27 j 10:24	● New
-18 Feb 12 j 16:36	● New	-17 Jun 22 j 06:12	● New	-16 Oct 28 j 14:25	○ Full	-14 Mar 07 j 13:49	● New
-18 Feb 19 j 14:32	● New	-17 Jun 29 j 03:42	● New	-16 Nov 05 j 00:11	● New	-14 Mar 14 j 20:27	○ Full
-18 Feb 26 j 15:42	○ Full	-17 Jul 05 j 19:04	● New	-16 Nov 11 j 17:33	● New	-14 Mar 21 j 11:48	● New
-18 Mar 06 j 14:51	● New	-17 Jul 13 j 18:18	○ Full	-16 Nov 19 j 06:28	● New	-14 Mar 29 j 01:41	● New
-18 Mar 14 j 04:07	● New	-17 Jul 21 j 17:58	● New	-16 Nov 27 j 07:14	○ Full	-14 Apr 06 j 05:58	● New
-18 Mar 20 j 21:02	● New	-17 Jul 28 j 10:51	● New	-16 Dec 04 j 08:27	● New	-14 Apr 13 j 05:03	○ Full
-18 Mar 28 j 05:18	○ Full	-17 Aug 04 j 06:30	● New	-16 Dec 11 j 07:25	● New	-14 Apr 19 j 19:57	● New
-18 Apr 05 j 08:52	● New	-17 Aug 12 j 10:11	○ Full	-16 Dec 19 j 04:30	● New	-14 Apr 27 j 17:27	● New
-18 Apr 12 j 13:01	● New	-17 Aug 20 j 03:52	● New	-16 Dec 26 j 21:47	○ Full	-14 May 05 j 18:35	● New
-18 Apr 19 j 04:04	● New	-17 Aug 26 j 18:51	● New	-15 Jan 02 j 16:32	● New	-14 May 12 j 12:19	○ Full
-18 Apr 26 j 19:44	○ Full	-17 Sep 02 j 21:56	● New	-15 Jan 09 j 22:52	● New	-14 May 19 j 06:07	● New
-18 May 04 j 23:39	● New	-17 Sep 11 j 02:00	○ Full	-15 Jan 18 j 01:55	● New	-14 May 27 j 08:50	● New
-18 May 11 j 20:20	● New	-17 Sep 18 j 12:19	● New	-15 Jan 25 j 09:48	○ Full	-14 Jun 04 j 04:07	● New
-18 May 18 j 12:32	● New	-17 Sep 25 j 04:41	● New	-15 Feb 01 j 01:17	● New	-14 Jun 10 j 19:04	○ Full
-18 May 26 j 10:52	○ Full	-17 Oct 02 j 16:58	● New	-15 Feb 08 j 15:26	● New	-14 Jun 17 j 19:01	● New
-18 Jun 03 j 11:01	● New	-17 Oct 10 j 17:19	○ Full	-15 Feb 16 j 20:29	● New	-14 Jun 25 j 23:13	● New
-18 Jun 10 j 03:11	● New	-17 Oct 17 j 19:57	● New	-15 Feb 23 j 19:39	○ Full	-14 Jul 03 j 11:20	● New

Phases of Moon from -14 through 0 (UT), Astrodienst AG 6-Nov-2015 17:26, page 17

Attention, astronomical year style is used: The year -14 in astronomical counting style is the year 15 BCE in historical counting style.

-14 Jul 10 j 02:26	○ Full	-13 Nov 16 j 17:46	● New	-11 Mar 25 j 20:07	● New	-10 Aug 02 j 06:32	● New
-14 Jul 17 j 10:47	● New	-13 Nov 24 j 04:54	○ Full	-11 Apr 01 j 18:15	● New	-10 Aug 09 j 05:55	● New
-14 Jul 25 j 12:29	● New	-13 Dec 02 j 09:47	● New	-11 Apr 09 j 22:43	○ Full	-10 Aug 17 j 03:50	● New
-14 Aug 01 j 17:11	● New	-13 Dec 09 j 12:52	● New	-11 Apr 17 j 12:51	● New	-10 Aug 24 j 18:53	○ Full
-14 Aug 08 j 11:38	○ Full	-13 Dec 16 j 04:18	● New	-11 Apr 24 j 03:56	● New	-10 Aug 31 j 12:11	● New
-14 Aug 16 j 04:54	● New	-13 Dec 23 j 23:25	○ Full	-11 May 01 j 09:42	● New	-10 Sep 07 j 19:31	● New
-14 Aug 24 j 00:50	● New	-12 Jan 01 j 03:56	● New	-11 May 09 j 12:30	○ Full	-10 Sep 15 j 22:45	● New
-14 Aug 30 j 22:50	● New	-12 Jan 07 j 23:33	● New	-11 May 16 j 18:52	● New	-10 Sep 23 j 05:15	○ Full
-14 Sep 06 j 23:45	○ Full	-12 Jan 14 j 17:17	● New	-11 May 23 j 12:05	● New	-10 Sep 29 j 20:08	● New
-14 Sep 15 j 00:17	● New	-12 Jan 22 j 18:37	○ Full	-11 May 31 j 02:33	● New	-10 Oct 07 j 11:54	● New
-14 Sep 22 j 12:34	● New	-12 Jan 30 j 18:06	● New	-11 Jun 08 j 00:05	○ Full	-10 Oct 15 j 16:58	● New
-14 Sep 29 j 05:34	● New	-12 Feb 06 j 09:37	● New	-11 Jun 14 j 23:28	● New	-10 Oct 22 j 15:21	○ Full
-14 Oct 06 j 15:12	○ Full	-12 Feb 13 j 08:27	● New	-11 Jun 21 j 21:44	● New	-10 Oct 29 j 07:24	● New
-14 Oct 14 j 19:38	● New	-12 Feb 21 j 12:55	○ Full	-11 Jun 29 j 19:54	● New	-10 Nov 06 j 06:34	● New
-14 Oct 21 j 23:51	● New	-12 Feb 29 j 04:11	● New	-11 Jul 07 j 10:07	○ Full	-10 Nov 14 j 09:02	● New
-14 Oct 28 j 14:43	● New	-12 Mar 06 j 19:22	● New	-11 Jul 14 j 04:03	● New	-10 Nov 21 j 01:50	○ Full
-14 Nov 05 j 09:27	○ Full	-12 Mar 14 j 01:15	● New	-11 Jul 21 j 09:50	● New	-10 Nov 27 j 22:15	● New
-14 Nov 13 j 13:35	● New	-12 Mar 22 j 04:47	○ Full	-11 Jul 29 j 12:57	● New	-10 Dec 06 j 02:17	● New
-14 Nov 20 j 10:44	● New	-12 Mar 29 j 11:06	● New	-11 Aug 05 j 19:18	○ Full	-10 Dec 13 j 22:02	● New
-14 Nov 27 j 03:17	● New	-12 Apr 05 j 05:05	● New	-11 Aug 12 j 10:08	● New	-10 Dec 20 j 12:58	○ Full
-14 Dec 05 j 05:02	○ Full	-12 Apr 12 j 18:58	● New	-11 Aug 20 j 00:45	● New	-10 Dec 27 j 16:12	● New
-14 Dec 13 j 04:58	● New	-12 Apr 20 j 17:31	○ Full	-11 Aug 28 j 05:03	● New	-9 Jan 04 j 21:13	● New
-14 Dec 19 j 21:21	● New	-12 Apr 27 j 16:12	● New	-11 Sep 04 j 04:16	○ Full	-9 Jan 12 j 07:56	● New
-14 Dec 26 j 19:22	● New	-12 May 04 j 15:19	● New	-11 Sep 10 j 19:14	● New	-9 Jan 19 j 00:47	○ Full
-13 Jan 04 j 00:15	○ Full	-12 May 12 j 12:45	● New	-11 Sep 18 j 18:00	● New	-9 Jan 26 j 12:08	● New
-13 Jan 11 j 17:02	● New	-12 May 20 j 03:27	○ Full	-11 Sep 26 j 19:43	● New	-9 Feb 03 j 13:37	● New
-13 Jan 18 j 07:59	● New	-12 May 26 j 20:55	● New	-11 Oct 03 j 13:32	○ Full	-9 Feb 10 j 15:32	● New
-13 Jan 25 j 14:03	● New	-12 Jun 03 j 02:47	● New	-11 Oct 10 j 08:25	● New	-9 Feb 17 j 13:09	○ Full
-13 Feb 02 j 17:39	○ Full	-12 Jun 11 j 05:34	● New	-11 Oct 18 j 12:29	● New	-9 Feb 25 j 08:29	● New
-13 Feb 10 j 01:49	● New	-12 Jun 18 j 11:32	○ Full	-11 Oct 26 j 08:30	● New	-9 Mar 05 j 02:41	● New
-13 Feb 16 j 19:06	● New	-12 Jun 25 j 02:35	● New	-11 Nov 01 j 23:40	○ Full	-9 Mar 11 j 21:57	● New
-13 Feb 24 j 09:44	● New	-12 Jul 02 j 16:08	● New	-11 Nov 09 j 01:51	● New	-9 Mar 19 j 02:05	○ Full
-13 Mar 04 j 08:21	○ Full	-12 Jul 10 j 20:38	● New	-11 Nov 17 j 06:51	● New	-9 Mar 27 j 03:34	● New
-13 Mar 11 j 08:12	● New	-12 Jul 17 j 18:59	○ Full	-11 Nov 24 j 19:08	● New	-9 Apr 03 j 12:40	● New
-13 Mar 18 j 07:02	● New	-12 Jul 24 j 10:28	● New	-11 Dec 01 j 11:11	○ Full	-9 Apr 10 j 04:21	● New
-13 Mar 26 j 04:51	● New	-12 Aug 01 j 07:35	● New	-11 Dec 08 j 22:27	● New	-9 Apr 17 j 15:48	○ Full
-13 Apr 02 j 20:04	○ Full	-12 Aug 09 j 09:33	● New	-11 Dec 16 j 23:59	● New	-9 Apr 25 j 20:00	● New
-13 Apr 09 j 13:33	● New	-12 Aug 16 j 02:49	○ Full	-11 Dec 24 j 03:49	● New	-9 May 02 j 20:34	● New
-13 Apr 16 j 19:54	● New	-12 Aug 22 j 21:35	● New	-11 Dec 31 j 00:24	○ Full	-9 May 09 j 11:44	● New
-13 Apr 24 j 22:16	● New	-12 Aug 31 j 00:35	● New	-10 Jan 07 j 20:11	● New	-9 May 17 j 06:26	○ Full
-13 May 02 j 05:06	○ Full	-12 Sep 07 j 20:29	● New	-10 Jan 15 j 14:56	● New	-9 May 25 j 09:09	● New
-13 May 08 j 19:23	● New	-12 Sep 14 j 11:48	○ Full	-10 Jan 22 j 11:21	● New	-9 Jun 01 j 03:29	● New
-13 May 16 j 09:41	● New	-12 Sep 21 j 12:43	● New	-10 Jan 29 j 15:13	○ Full	-9 Jun 07 j 21:01	● New
-13 May 24 j 13:20	● New	-12 Sep 29 j 17:57	● New	-10 Feb 06 j 16:55	● New	-9 Jun 15 j 21:44	○ Full
-13 May 31 j 12:18	○ Full	-12 Oct 07 j 05:54	● New	-10 Feb 14 j 03:12	● New	-9 Jun 23 j 19:12	○ Full
-13 Jun 07 j 02:59	○ Full	-12 Oct 13 j 22:23	○ Full	-10 Feb 20 j 18:51	● New	-9 Jun 30 j 10:28	● New
-13 Jun 15 j 00:15	● New	-12 Oct 21 j 07:49	● New	-10 Feb 28 j 07:05	○ Full	-9 Jul 07 j 09:01	● New
-13 Jun 23 j 01:47	● New	-12 Oct 29 j 10:24	● New	-10 Mar 08 j 11:02	● New	-9 Jul 15 j 13:01	○ Full
-13 Jun 29 j 18:49	○ Full	-12 Nov 05 j 14:25	● New	-10 Mar 15 j 12:52	● New	-9 Jul 23 j 02:59	● New
-13 Jul 06 j 13:19	● New	-12 Nov 12 j 10:56	○ Full	-10 Mar 22 j 03:23	● New	-9 Jul 29 j 18:22	● New
-13 Jul 14 j 15:26	● New	-12 Nov 20 j 05:39	● New	-10 Mar 29 j 23:10	○ Full	-9 Aug 06 j 00:15	● New
-13 Jul 22 j 11:41	● New	-12 Nov 28 j 01:16	● New	-10 Apr 07 j 01:38	● New	-9 Aug 14 j 03:33	○ Full
-13 Jul 29 j 01:57	○ Full	-12 Dec 04 j 22:41	● New	-10 Apr 13 j 20:34	● New	-9 Aug 21 j 09:35	● New
-13 Aug 05 j 02:57	● New	-12 Dec 12 j 01:42	○ Full	-10 Apr 20 j 13:43	● New	-9 Aug 28 j 03:58	● New
-13 Aug 13 j 06:54	● New	-12 Dec 20 j 03:48	● New	-10 Apr 28 j 14:49	○ Full	-9 Sep 04 j 18:40	● New
-13 Aug 20 j 19:35	● New	-12 Dec 27 j 14:23	● New	-10 May 06 j 12:31	● New	-9 Sep 12 j 16:58	○ Full
-13 Aug 27 j 10:48	○ Full	-11 Jan 03 j 07:24	● New	-10 May 13 j 03:23	● New	-9 Sep 19 j 16:07	● New
-13 Sep 03 j 19:55	● New	-11 Jan 10 j 18:36	○ Full	-10 May 20 j 02:13	● New	-9 Sep 26 j 16:05	● New
-13 Sep 11 j 22:04	● New	-11 Jan 18 j 23:46	● New	-10 May 28 j 05:36	○ Full	-9 Oct 04 j 15:12	● New
-13 Sep 19 j 02:26	● New	-11 Jan 26 j 01:48	● New	-10 Jun 04 j 20:12	● New	-9 Oct 12 j 05:25	○ Full
-13 Sep 25 j 22:09	○ Full	-11 Feb 01 j 17:13	● New	-10 Jun 11 j 10:31	● New	-9 Oct 18 j 23:37	● New
-13 Oct 03 j 15:41	● New	-11 Feb 09 j 12:44	○ Full	-10 Jun 18 j 16:55	● New	-9 Oct 26 j 07:15	● New
-13 Oct 11 j 12:19	● New	-11 Feb 17 j 16:01	● New	-10 Jun 26 j 19:16	○ Full	-9 Nov 03 j 11:55	● New
-13 Oct 18 j 09:26	● New	-11 Feb 24 j 11:37	● New	-10 Jul 04 j 01:44	● New	-9 Nov 10 j 17:15	○ Full
-13 Oct 25 j 12:15	○ Full	-11 Mar 03 j 04:43	● New	-10 Jul 10 j 19:05	● New	-9 Nov 17 j 09:02	● New
-13 Nov 02 j 12:58	● New	-11 Mar 11 j 06:35	○ Full	-10 Jul 18 j 09:36	● New	-9 Nov 25 j 01:23	● New
-13 Nov 10 j 01:14	● New	-11 Mar 19 j 04:13	● New	-10 Jul 26 j 07:41	○ Full	-9 Dec 03 j 06:47	● New

Phases of Moon from -9 through 0 (UT), Astrodienst AG 6-Nov-2015 17:26, page 18

Attention, astronomical year style is used: The year -9 in astronomical counting style is the year 10 BCE in historical counting style.

-9 Dec 10 j 04:41	○ Full	-7 Apr 18 j 04:11	●	-6 Aug 25 j 11:14	● New	-4 Jan 02 j 15:47	●
-9 Dec 16 j 20:59	●	-7 Apr 24 j 20:05	○ Full	-6 Sep 01 j 03:16	●	-4 Jan 09 j 07:00	● New
-9 Dec 24 j 21:12	● New	-7 May 02 j 08:10	●	-6 Sep 08 j 15:19	○ Full	-4 Jan 16 j 08:26	●
-8 Jan 01 j 22:26	●	-7 May 10 j 07:50	● New	-6 Sep 16 j 20:26	●	-4 Jan 24 j 13:11	○ Full
-8 Jan 08 j 15:36	○ Full	-7 May 17 j 08:56	●	-6 Sep 23 j 20:54	● New	-4 Feb 01 j 02:08	●
-8 Jan 15 j 11:45	●	-7 May 24 j 05:45	○ Full	-6 Sep 30 j 12:34	●	-4 Feb 07 j 17:37	● New
-8 Jan 23 j 16:38	● New	-7 Jun 01 j 01:16	●	-6 Oct 08 j 09:02	○ Full	-4 Feb 15 j 03:32	●
-8 Jan 31 j 10:30	●	-7 Jun 08 j 18:30	● New	-6 Oct 16 j 12:23	●	-4 Feb 23 j 05:14	○ Full
-8 Feb 07 j 01:55	○ Full	-7 Jun 15 j 13:06	●	-6 Oct 23 j 07:06	● New	-4 Mar 01 j 09:28	●
-8 Feb 14 j 04:58	●	-7 Jun 22 j 17:04	○ Full	-6 Oct 30 j 01:27	●	-4 Mar 08 j 04:49	● New
-8 Feb 22 j 09:46	● New	-7 Jun 30 j 18:10	●	-6 Nov 07 j 04:33	○ Full	-4 Mar 15 j 22:50	●
-8 Feb 29 j 19:16	●	-7 Jul 08 j 03:23	● New	-6 Nov 15 j 01:59	●	-4 Mar 23 j 18:21	○ Full
-8 Mar 07 j 11:54	○ Full	-7 Jul 14 j 18:19	●	-6 Nov 21 j 18:00	● New	-4 Mar 30 j 14:59	●
-8 Mar 14 j 23:38	●	-7 Jul 22 j 06:25	○ Full	-6 Nov 28 j 18:11	●	-4 Apr 06 j 16:56	● New
-8 Mar 22 j 23:49	● New	-7 Jul 30 j 10:17	●	-6 Dec 06 j 23:51	○ Full	-4 Apr 14 j 17:03	●
-8 Mar 30 j 01:35	●	-7 Aug 06 j 11:22	● New	-6 Dec 14 j 13:08	●	-4 Apr 22 j 04:36	○ Full
-8 Apr 05 j 22:15	○ Full	-7 Aug 13 j 02:06	●	-6 Dec 21 j 05:32	● New	-4 Apr 28 j 20:12	●
-8 Apr 13 j 18:14	●	-7 Aug 20 j 21:53	○ Full	-6 Dec 28 j 14:08	●	-4 May 06 j 06:02	● New
-8 Apr 21 j 11:02	● New	-7 Aug 29 j 00:56	●	-5 Jan 05 j 17:11	○ Full	-4 May 14 j 09:21	●
-8 Apr 28 j 06:36	●	-7 Sep 04 j 19:28	● New	-5 Jan 12 j 22:06	●	-4 May 21 j 12:34	○ Full
-8 May 05 j 09:46	○ Full	-7 Sep 11 j 13:28	●	-5 Jan 19 j 17:48	● New	-4 May 28 j 02:34	●
-8 May 13 j 11:31	●	-7 Sep 19 j 15:11	○ Full	-5 Jan 27 j 11:31	●	-4 Jun 04 j 20:05	● New
-8 May 20 j 20:06	● New	-7 Sep 27 j 13:35	●	-5 Feb 04 j 07:41	○ Full	-4 Jun 12 j 23:16	●
-8 May 27 j 11:41	●	-7 Oct 04 j 04:42	● New	-5 Feb 11 j 05:32	●	-4 Jun 19 j 19:18	○ Full
-8 Jun 03 j 22:57	○ Full	-7 Oct 11 j 04:50	●	-5 Feb 18 j 07:04	● New	-4 Jun 26 j 11:18	●
-8 Jun 12 j 02:45	●	-7 Oct 19 j 09:26	○ Full	-5 Feb 26 j 08:00	●	-4 Jul 04 j 11:00	● New
-8 Jun 19 j 03:49	● New	-7 Oct 27 j 00:07	○ Full	-5 Mar 05 j 19:25	○ Full	-4 Jul 12 j 10:39	●
-8 Jun 25 j 18:20	●	-7 Nov 02 j 15:42	● New	-5 Mar 12 j 12:19	●	-4 Jul 19 j 02:03	○ Full
-8 Jul 03 j 13:44	○ Full	-7 Nov 09 j 23:51	●	-5 Mar 19 j 21:32	● New	-4 Jul 25 j 23:10	●
-8 Jul 11 j 15:50	●	-7 Nov 18 j 03:13	○ Full	-5 Mar 28 j 01:48	●	-4 Aug 03 j 02:33	● New
-8 Jul 18 j 11:02	● New	-7 Nov 25 j 08:59	●	-5 Apr 04 j 04:51	○ Full	-4 Aug 10 j 19:46	●
-8 Jul 25 j 03:52	●	-7 Dec 02 j 04:36	● New	-5 Apr 10 j 19:33	●	-4 Aug 17 j 10:02	○ Full
-8 Aug 02 j 05:34	○ Full	-7 Dec 09 j 21:19	●	-5 Apr 18 j 12:54	● New	-4 Aug 24 j 14:31	●
-8 Aug 10 j 02:56	●	-7 Dec 17 j 19:06	○ Full	-5 Apr 26 j 16:10	●	-4 Sep 01 j 18:15	● New
-8 Aug 16 j 18:38	● New	-7 Dec 24 j 17:02	●	-5 May 03 j 12:36	○ Full	-4 Sep 09 j 03:17	●
-8 Aug 23 j 17:17	●	-7 Dec 31 j 19:09	● New	-5 May 10 j 04:19	●	-4 Sep 15 j 20:11	○ Full
-8 Aug 31 j 21:44	○ Full	-6 Jan 08 j 19:17	●	-5 May 18 j 04:27	● New	-4 Sep 23 j 09:07	●
-8 Sep 08 j 12:22	●	-6 Jan 16 j 08:22	○ Full	-5 May 26 j 03:16	●	-4 Oct 01 j 09:21	● New
-8 Sep 15 j 03:34	● New	-6 Jan 23 j 01:12	●	-5 Jun 01 j 19:26	○ Full	-4 Oct 08 j 10:16	●
-8 Sep 22 j 10:43	●	-6 Jan 30 j 10:58	● New	-5 Jun 08 j 15:33	●	-4 Oct 15 j 08:59	○ Full
-8 Sep 30 j 13:39	○ Full	-6 Feb 07 j 15:25	●	-5 Jun 16 j 19:25	● New	-4 Oct 23 j 06:03	●
-8 Oct 07 j 20:35	●	-6 Feb 14 j 19:07	○ Full	-5 Jun 24 j 11:42	●	-4 Oct 30 j 23:13	● New
-8 Oct 14 j 14:47	● New	-6 Feb 21 j 10:15	●	-5 Jul 01 j 02:20	○ Full	-4 Nov 06 j 17:54	●
-8 Oct 22 j 07:13	●	-6 Mar 01 j 03:35	● New	-5 Jul 08 j 05:48	●	-4 Nov 14 j 00:26	○ Full
-8 Oct 30 j 04:51	○ Full	-6 Mar 09 j 07:58	●	-5 Jul 16 j 09:23	● New	-4 Nov 22 j 03:33	●
-8 Nov 06 j 04:17	●	-6 Mar 16 j 04:01	○ Full	-5 Jul 23 j 18:18	●	-4 Nov 29 j 11:37	● New
-8 Nov 13 j 04:51	● New	-6 Mar 22 j 20:40	●	-5 Jul 30 j 10:30	○ Full	-4 Dec 06 j 03:15	●
-8 Nov 21 j 05:00	●	-6 Mar 30 j 20:21	● New	-5 Aug 06 j 22:53	●	-4 Dec 13 j 18:04	○ Full
-8 Nov 28 j 18:51	○ Full	-6 Apr 07 j 20:16	●	-5 Aug 14 j 22:25	● New	-4 Dec 21 j 23:24	●
-8 Dec 05 j 12:25	●	-6 Apr 14 j 11:52	○ Full	-5 Aug 22 j 00:06	●	-4 Dec 28 j 22:45	● New
-8 Dec 12 j 21:36	● New	-6 Apr 21 j 08:45	●	-5 Aug 28 j 21:06	○ Full	-3 Jan 04 j 14:49	●
-8 Dec 21 j 01:57	●	-6 Apr 29 j 12:19	● New	-5 Sep 05 j 17:58	●	-3 Jan 12 j 12:58	○ Full
-8 Dec 28 j 07:14	○ Full	-6 May 07 j 04:49	●	-5 Sep 13 j 10:44	● New	-3 Jan 20 j 15:41	●
-7 Jan 03 j 22:01	●	-6 May 13 j 19:26	○ Full	-5 Sep 20 j 06:16	●	-3 Jan 27 j 08:58	● New
-7 Jan 11 j 15:57	● New	-6 May 20 j 22:48	●	-5 Sep 27 j 10:58	○ Full	-3 Feb 03 j 04:38	●
-7 Jan 19 j 20:17	●	-6 May 29 j 02:39	● New	-5 Oct 05 j 13:47	●	-3 Feb 11 j 07:46	○ Full
-7 Jan 26 j 17:51	○ Full	-6 Jun 05 j 10:48	●	-5 Oct 12 j 22:30	● New	-3 Feb 19 j 03:43	●
-7 Feb 02 j 09:46	●	-6 Jun 12 j 03:29	○ Full	-5 Oct 19 j 14:08	●	-3 Feb 25 j 18:37	● New
-7 Feb 10 j 10:24	● New	-6 Jun 19 j 14:50	●	-5 Oct 27 j 04:02	○ Full	-3 Mar 04 j 20:20	●
-7 Feb 18 j 10:48	●	-6 Jun 27 j 14:57	● New	-5 Nov 04 j 08:54	●	-3 Mar 13 j 00:50	○ Full
-7 Feb 25 j 03:01	○ Full	-6 Jul 04 j 15:37	●	-5 Nov 11 j 09:45	● New	-3 Mar 20 j 12:00	●
-7 Mar 03 j 23:44	●	-6 Jul 11 j 12:54	○ Full	-5 Nov 18 j 00:54	●	-3 Mar 27 j 04:03	● New
-7 Mar 12 j 03:39	● New	-6 Jul 19 j 08:28	●	-5 Nov 25 j 23:13	○ Full	-3 Apr 03 j 13:21	●
-7 Mar 19 j 21:14	●	-6 Jul 27 j 01:33	● New	-5 Dec 04 j 01:55	●	-3 Apr 11 j 15:06	○ Full
-7 Mar 26 j 11:27	○ Full	-6 Aug 02 j 20:40	●	-5 Dec 10 j 20:31	● New	-3 Apr 18 j 17:45	●
-7 Apr 02 j 15:26	●	-6 Aug 10 j 00:36	○ Full	-5 Dec 17 j 15:08	●	-3 Apr 25 j 13:42	● New
-7 Apr 10 j 18:55	● New	-6 Aug 18 j 02:46	●	-5 Dec 25 j 18:48	○ Full	-3 May 03 j 07:01	●

Phases of Moon from -3 through 0 (UT), Astrodienst AG 6-Nov-2015 17:26, page 19

Attention, astronomical year style is used: The year -3 in astronomical counting style is the year 4 BCE in historical counting style.

-3 May 11 j 02:20	○ Full	-2 Sep 17 j 16:29	●
-3 May 17 j 22:24	●	-2 Sep 24 j 13:03	○ Full
-3 May 25 j 00:16	● New	-2 Oct 01 j 05:20	●
-3 Jun 02 j 00:25	●	-2 Oct 09 j 07:01	● New
-3 Jun 09 j 11:16	○ Full	-2 Oct 17 j 06:36	●
-3 Jun 16 j 03:22	●	-2 Oct 23 j 22:50	○ Full
-3 Jun 23 j 12:30	● New	-2 Oct 30 j 20:41	●
-3 Jul 01 j 16:36	●	-2 Nov 08 j 01:47	● New
-3 Jul 08 j 19:01	○ Full	-2 Nov 15 j 18:33	●
-3 Jul 15 j 09:56	●	-2 Nov 22 j 09:38	○ Full
-3 Jul 23 j 02:57	● New	-2 Nov 29 j 15:51	●
-3 Jul 31 j 06:54	●	-2 Dec 07 j 19:48	● New
-3 Aug 07 j 02:42	○ Full	-2 Dec 15 j 04:15	●
-3 Aug 13 j 19:18	●	-2 Dec 21 j 21:54	○ Full
-3 Aug 21 j 19:26	● New	-2 Dec 29 j 13:12	●
-3 Aug 29 j 19:09	●	-1 Jan 06 j 11:58	● New
-3 Sep 05 j 11:13	○ Full	-1 Jan 13 j 12:11	●
-3 Sep 12 j 08:24	●	-1 Jan 20 j 11:45	○ Full
-3 Sep 20 j 13:03	● New	-1 Jan 28 j 10:32	●
-3 Sep 28 j 05:35	●	-1 Feb 05 j 01:34	● New
-3 Oct 04 j 21:06	○ Full	-1 Feb 11 j 19:22	●
-3 Oct 12 j 01:38	●	-1 Feb 19 j 02:54	○ Full
-3 Oct 20 j 06:22	● New	-1 Feb 27 j 05:59	●
-3 Oct 27 j 14:43	●	-1 Mar 06 j 12:23	● New
-3 Nov 03 j 08:42	○ Full	-1 Mar 13 j 02:59	●
-3 Nov 10 j 22:24	●	-1 Mar 20 j 18:40	○ Full
-3 Nov 18 j 22:17	● New	-1 Mar 28 j 22:21	●
-3 Nov 25 j 23:08	●	-1 Apr 04 j 20:49	● New
-3 Dec 02 j 22:18	○ Full	-1 Apr 11 j 12:02	●
-3 Dec 10 j 20:46	●	-1 Apr 19 j 10:23	○ Full
-3 Dec 18 j 12:23	● New	-1 Apr 27 j 11:06	●
-3 Dec 25 j 07:30	●	-1 May 04 j 03:48	● New
-2 Jan 01 j 14:02	○ Full	-1 May 10 j 23:08	●
-2 Jan 09 j 18:05	●	-1 May 19 j 01:33	○ Full
-2 Jan 17 j 00:37	● New	-1 May 26 j 20:23	●
-2 Jan 23 j 16:29	●	-1 Jun 02 j 10:32	● New
-2 Jan 31 j 07:27	○ Full	-1 Jun 09 j 12:32	●
-2 Feb 08 j 12:16	●	-1 Jun 17 j 15:53	○ Full
-2 Feb 15 j 11:06	● New	-1 Jun 25 j 02:59	●
-2 Feb 22 j 02:46	●	-1 Jul 01 j 18:14	● New
-2 Mar 02 j 01:24	○ Full	-1 Jul 09 j 04:12	●
-2 Mar 10 j 02:26	●	-1 Jul 17 j 05:07	○ Full
-2 Mar 16 j 20:02	● New	-1 Jul 24 j 08:07	●
-2 Mar 23 j 14:54	●	-1 Jul 31 j 03:53	● New
-2 Mar 31 j 18:21	○ Full	-1 Aug 07 j 21:51	●
-2 Apr 08 j 12:45	●	-1 Aug 15 j 17:11	○ Full
-2 Apr 15 j 03:53	● New	-1 Aug 22 j 13:18	●
-2 Apr 22 j 05:06	●	-1 Aug 29 j 16:08	● New
-2 Apr 30 j 09:16	○ Full	-1 Sep 06 j 16:49	●
-2 May 07 j 19:58	●	-1 Sep 14 j 04:11	○ Full
-2 May 14 j 11:34	● New	-1 Sep 20 j 20:03	●
-2 May 21 j 21:07	●	-1 Sep 28 j 07:15	● New
-2 May 29 j 21:57	○ Full	-1 Oct 06 j 11:54	●
-2 Jun 06 j 01:09	●	-1 Oct 13 j 14:35	○ Full
-2 Jun 12 j 20:12	● New	-1 Oct 20 j 05:37	●
-2 Jun 20 j 14:18	●	-1 Oct 28 j 00:59	● New
-2 Jun 28 j 08:48	○ Full	-1 Nov 05 j 05:31	●
-2 Jul 05 j 05:36	●	-1 Nov 12 j 00:58	○ Full
-2 Jul 12 j 06:57	● New	-1 Nov 18 j 18:39	●
-2 Jul 20 j 07:44	●	-1 Nov 26 j 20:27	● New
-2 Jul 27 j 18:32	○ Full	-1 Dec 04 j 20:19	●
-2 Aug 03 j 10:47	●	-1 Dec 11 j 11:47	○ Full
-2 Aug 10 j 20:30	● New	-1 Dec 18 j 11:01	●
-2 Aug 19 j 00:40	●	-1 Dec 26 j 16:02	● New
-2 Aug 26 j 03:47	○ Full		
-2 Sep 01 j 18:15	●		
-2 Sep 09 j 12:49	● New		