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Phases of Moon	from -5200 through -	-5100 (UT), Astrodienst	AG 18-Feb-2025 13:22,	page 1

Attention, astronomical year style is used: The year -5200 in astronomical counting style is the year 5201 BCE in historical counting style. -5200 Jan 05 j 00:09:37 ● New -5198 Aug 21 j 07:40:13 O Full -5199 Apr 29 j 12:46:58 **●** -5197 Dec 15 i 08:21:59 • -5200 Jan 13 j 04:44:17 **●** -5199 May 06 i 03:19:48 ○ Full -5198 Aug 28 j 23:29:54 **①** -5197 Dec 22 j 12:46:28 ● New -5199 May 13 j 02:10:36 **①** -5200 Jan 20 j 06:08:59 ○ Full -5198 Sep 05 j 21:31:05 ● New -5197 Dec 29 j 03:27:21 **●** -5200 Jan 26 j 20:46:45 **●** -5199 May 21 j 05:44:57 ● New -5198 Sep 12 j 21:02:25 **●** -5196 Jan 05 j 21:23:37 ○ Full -5200 Feb 03 j 16:41:31 ● New -5199 May 28 j 20:24:11 **●** -5198 Sep 19 j 21:28:34 ○ Full -5196 Jan 14 j 01:06:13 **●** -5200 Feb 11 j 19:07:09 **●** -5199 Jun 04 j 10:55:53 ○ Full -5198 Sep 27 j 21:40:22 **●** -5196 Jan 20 j 21:43:22 ● New -5200 Feb 18 j 14:14:37 ○ Full -5199 Jun 11 j 17:12:43 **①** -5198 Oct 05 j 11:18:03 ● New -5196 Jan 27 j 14:05:18 **●** -5200 Feb 25 j 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Phases of Moon from -5200 through -5100 (UT), Astrodienst AG 18-Feb-2025 13:22,	page 2
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Attention, astronomical year style is used: The year -5195 in astronomical counting style is the year 5196 BCE in historical counting style. -5195 Apr 07 j 12:33:39 ● New -5193 Dec 23 j 04:09:25 ○ Full -5191 Apr 30 j 20:22:15 **●** -5194 Aug 15 j 03:02:42 • -5193 Dec 29 j 20:13:06 • -5195 Apr 14 j 09:12:47 **●** -5194 Aug 22 j 01:11:59 ● New -5191 May 07 j 11:27:27 ○ Full -5195 Apr 22 j 12:42:06 ○ Full -5194 Aug 29 j 22:53:44 **●** -5192 Jan 06 j 18:32:32 ● New -5191 May 14 j 21:13:55 **①** -5195 Apr 30 j 04:35:23 **●** -5194 Sep 06 j 15:35:28 ○ Full -5192 Jan 14 j 20:20:29 **●** -5191 May 22 j 22:00:12 ● New -5195 May 06 j 19:36:19 ● New -5194 Sep 13 j 10:34:43 **●** -5192 Jan 21 j 13:10:48 ○ Full -5191 May 30 j 01:32:55 **●** -5195 May 13 j 22:57:52 **●** -5194 Sep 20 j 16:57:10 ● New -5192 Jan 28 j 08:32:43 **●** -5191 Jun 05 j 20:33:20 ○ Full -5195 May 22 j 02:43:12 ○ Full -5194 Sep 28 j 20:16:03 **●** -5192 Feb 05 j 11:43:50 ● New -5191 Jun 13 j 14:48:47 **①** -5195 May 29 j 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Aug 22 j 20:16:47 ○ Full -5193 Dec 08 j 00:38:08 ● New -5191 Apr 15 j 05:32:31 **●** -5194 Aug 08 j 01:32:25 ○ Full -5193 Dec 16 j 05:56:00 **●** -5191 Apr 23 j 09:19:30 ● New -5190 Aug 30 j 21:44:33 **①**

Phases of Moon from -5200 through -5100 (UT), Astrodienst AG 18-Feb-2025 13:22, page	Phases of Moon	from -5200 through	-5100 (UT),	Astrodienst AG	18-Feb-2025 13:22,	page 3
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Attention, astronomical year style is used: The year -5190 in astronomical counting style is the year 5191 BCE in historical counting style. -5188 Jan 15 j 13:29:34 **①** -5187 May 23 j 17:10:33 ○ Full -5186 Sep 30 j 14:52:31 **●** -5190 Sep 07 j 08:41:44 ● New -5190 Sep 14 j 01:05:45 **●** -5188 Jan 22 j 05:05:05 ● New -5187 May 30 j 14:46:06 **①** -5186 Oct 07 j 12:19:15 ○ Full -5188 Jan 29 j 04:23:17 **●** -5186 Oct 14 j 04:43:02 **①** -5190 Sep 21 j 12:58:21 ○ Full -5187 Jun 06 j 15:09:16 ● New -5187 Jun 14 j 13:44:23 **●** -5186 Oct 22 j 06:00:10 ● New -5190 Sep 29 j 18:19:23 **●** -5188 Feb 06 j 08:54:01 ○ Full -5190 Oct 06 j 20:14:34 ● New -5188 Feb 13 j 22:10:29 **●** -5187 Jun 22 j 03:28:46 ○ Full -5186 Oct 30 j 06:30:23 **●** -5190 Oct 13 j 12:00:55 **●** -5188 Feb 20 j 13:12:21 ● New -5187 Jun 28 j 20:10:44 **①** -5186 Nov 05 j 23:27:55 ○ Full -5190 Oct 21 j 07:56:31 ○ Full -5188 Feb 27 j 20:33:51 **●** -5187 Jul 06 j 04:19:55 ● New -5186 Nov 12 j 20:19:20 **●** -5190 Oct 29 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16:49:59 **●** -5185 Jan 19 j 09:20:40 ● New -5189 Jan 03 j 04:22:21 ● New -5188 May 11 j 12:37:28 **①** -5187 Sep 18 j 09:15:43 ○ Full -5185 Jan 26 j 10:20:20 **●** -5189 Jan 10 j 11:19:21 **●** -5188 May 18 j 19:44:22 ● New -5187 Sep 25 j 06:19:22 **①** -5185 Feb 02 j 07:51:47 ○ Full -5189 Jan 18 j 14:38:17 ○ Full -5188 May 26 j 22:52:53 **●** -5187 Oct 03 j 10:50:16 ● New -5185 Feb 10 j 05:03:53 • -5189 Jan 25 j 19:50:15 **①** -5188 Jun 03 j 04:13:10 ○ Full -5187 Oct 11 j 05:29:08 € -5185 Feb 17 j 20:45:14 ● New -5189 Feb 01 j 14:34:13 ● New -5188 Jun 09 j 18:31:45 **①** -5187 Oct 17 j 20:45:48 ○ Full -5185 Feb 24 j 15:30:55 **●** -5189 Feb 09 i 05:47:44 **●** -5188 Jun 17 j 10:19:53 ● New -5187 Oct 25 i 00:47:04 ① -5185 Mar 03 i 20:03:06 ○ Full -5189 Feb 17 i 03:15:44 ○ Full -5188 Jun 25 j 14:11:02 **●** -5187 Nov 02 i 05:55:41 ● New -5185 Mar 11 j 22:14:25 • -5189 Feb 24 i 01:12:55 ① -5188 Jul 02 j 12:26:57 ○ Full -5187 Nov 09 j 15:29:19 **●** -5185 Mar 19 j 05:47:30 ● New -5189 Mar 03 j 01:09:25 ● New -5188 Jul 09 j 03:34:44 **①** -5187 Nov 16 j 09:05:46 ○ Full -5185 Mar 25 j 20:47:02 ● -5189 Mar 10 j 23:49:31 **●** -5188 Jul 17 j 02:59:16 ● New -5187 Nov 23 j 21:30:26 **①** -5185 Apr 02 j 09:32:53 ○ Full -5189 Mar 18 j 12:58:13 ○ Full -5188 Jul 25 j 04:04:23 **●** -5187 Dec 01 j 22:25:53 ● New -5185 Apr 10 j 13:03:27 **●** -5189 Mar 25 j 06:05:55 **①** -5188 Jul 31 j 21:06:46 ○ Full -5187 Dec 08 j 23:31:41 **●** -5185 Apr 17 j 13:12:08 ● New -5189 Apr 01 j 12:53:23 ● New -5188 Aug 07 j 16:49:16 **①** -5185 Apr 24 j 03:37:31 **●** -5187 Dec 15 j 22:03:08 ○ Full -5189 Apr 09 j 16:17:14 **●** -5188 Aug 15 j 20:53:46 ● New -5187 Dec 23 j 18:39:10 **●** -5185 May 02 j 00:08:04 ○ Full -5189 Apr 16 j 20:49:41 ○ Full -5188 Aug 23 j 16:10:57 **●** -5185 May 10 j 01:30:25 **●** -5187 Dec 31 j 11:36:20 ● New -5189 Apr 23 j 11:46:57 **①** -5188 Aug 30 j 07:00:12 ○ Full -5186 Jan 07 j 06:32:44 **●** -5185 May 16 j 19:53:41 ● New -5189 May 01 j 02:21:48 ● New -5188 Sep 06 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-5187 Mar 10 j 12:40:26 ● New -5186 Jul 17 j 23:48:48 **●** -5185 Nov 25 j 01:47:52 ○ Full -5189 Nov 09 j 03:25:08 ○ Full -5187 Mar 17 j 12:41:43 **●** -5186 Jul 25 j 00:16:02 ● New -5185 Dec 01 j 18:26:38 **●** -5189 Nov 17 j 08:39:08 **●** -5187 Mar 25 j 16:09:31 ○ Full -5186 Aug 02 j 00:19:43 **●** -5185 Dec 09 j 19:44:53 ● New -5189 Nov 24 j 10:02:19 ● New -5187 Apr 02 j 05:21:50 **●** -5186 Aug 09 j 13:13:42 ○ Full -5185 Dec 17 j 19:48:43 **●** -5189 Dec 01 j 01:21:45 **●** -5187 Apr 08 j 20:00:55 ● New -5186 Aug 16 j 07:00:20 **①** -5185 Dec 24 j 11:26:56 ○ Full -5189 Dec 08 j 22:18:50 ○ Full -5187 Apr 16 j 03:29:01 **●** -5186 Aug 23 j 15:28:34 ● New -5185 Dec 31 j 09:22:18 **●** -5189 Dec 17 j 01:05:58 **①** -5187 Apr 24 j 05:29:21 O Full -5184 Jan 08 j 13:32:43 ● New -5189 Dec 23 j 20:15:34 ● New -5187 May 01 j 10:21:51 **①** -5186 Sep 08 j 00:50:49 ○ Full -5184 Jan 16 j 06:13:27 **●** -5184 Jan 22 j 20:33:22 ○ Full -5189 Dec 30 j 13:50:25 **●** -5187 May 08 j 04:34:42 ● New -5186 Sep 14 j 16:22:09 • -5188 Jan 07 j 16:37:14 ○ Full -5187 May 15 j 19:57:29 **●** -5186 Sep 22 j 09:52:23 ● New -5184 Jan 30 j 01:48:55 **①**

Attention, astronomical year style is used: The year -5184 in astronomical counting style is the year 5185 BCE in historical counting style. -5184 Feb 07 j 05:09:27 ● New -5183 Jun 15 j 12:33:48 • -5182 Oct 23 j 03:20:18 O Full -5180 Feb 29 j 18:06:39 **●** -5184 Feb 14 j 13:05:23 **●** -5183 Jun 22 j 19:42:29 ● New -5182 Oct 30 j 23:47:44 **①** -5180 Mar 08 j 12:03:56 ○ Full -5184 Feb 21 j 05:48:18 O Full -5183 Jun 29 j 11:25:11 **●** -5182 Nov 06 j 14:46:27 ● New -5180 Mar 15 j 07:35:34 **●** -5184 Feb 28 j 18:57:46 **①** -5183 Jul 07 j 00:22:46 ○ Full -5182 Nov 13 j 17:27:39 **●** -5180 Mar 22 j 10:16:34 ● New -5184 Mar 07 j 18:02:50 ● New -5183 Jul 15 j 05:15:20 **●** -5182 Nov 21 j 22:08:58 ○ Full -5180 Mar 30 j 11:25:05 **●** -5184 Mar 14 j 17:47:37 **●** -5183 Jul 22 j 04:54:57 ● New -5182 Nov 29 j 10:10:13 **①** -5180 Apr 06 j 20:43:33 ○ Full -5184 Mar 21 j 15:49:03 ○ Full -5183 Jul 28 j 20:28:15 **●** -5182 Dec 06 j 02:09:45 ● New -5180 Apr 13 j 12:35:15 **①** -5184 Mar 29 j 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08:08:11 ○ Full -5181 Feb 11 j 03:46:47 **●** -5180 Jun 19 j 05:10:02 ● New -5184 Jun 03 j 19:51:58 ● New -5183 Oct 11 j 20:38:56 **●** -5181 Feb 18 j 14:09:01 ○ Full -5180 Jun 27 j 03:37:48 **●** -5184 Jun 10 j 10:58:34 **●** -5183 Oct 18 j 13:11:09 ● New -5181 Feb 25 j 05:20:02 **●** -5180 Jul 03 j 19:31:51 ○ Full -5184 Jun 18 i 07:16:39 ○ Full -5183 Oct 25 j 23:08:27 **●** -5181 Mar 04 j 16:25:42 ● New -5180 Jul 10 j 17:12:31 **①** -5184 Jun 26 j 09:50:26 **①** -5183 Nov 03 j 01:27:29 ○ Full -5181 Mar 12 j 20:03:48 **●** -5180 Jul 18 j 22:02:08 ● New -5184 Jul 03 j 03:30:53 ● New -5183 Nov 10 j 05:48:57 **①** -5181 Mar 19 i 21:53:24 ○ Full -5180 Jul 26 j 13:22:33 **●** -5184 Jul 09 j 22:10:19 **●** -5183 Nov 17 j 02:01:29 ● New -5181 Mar 26 j 12:09:52 **①** -5180 Aug 02 i 04:55:30 ○ Full -5184 Jul 18 i 00:11:08 ○ Full -5183 Nov 24 j 21:08:10 **●** -5181 Apr 03 i 06:31:59 ● New -5180 Aug 09 j 10:25:51 **①** -5184 Jul 25 j 21:30:50 **●** -5183 Dec 02 i 16:16:55 O Full -5181 Apr 11 j 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Full -5179 Apr 18 j 01:08:35 **●** -5183 Apr 02 j 19:54:23 **●** -5182 Aug 10 j 06:24:15 ● New -5181 Dec 18 j 12:15:41 **●** -5179 Apr 25 j 18:33:44 ○ Full -5183 Apr 09 j 13:03:20 ○ Full -5182 Aug 16 j 21:31:38 **●** -5181 Dec 25 j 03:28:55 ● New -5179 May 02 j 14:18:08 **●** -5183 Apr 17 j 01:40:47 **①** -5182 Aug 24 j 12:31:22 O Full -5180 Jan 01 j 06:03:56 **●** -5179 May 09 j 16:47:50 ● New -5183 Apr 25 j 00:41:21 ● New -5182 Sep 01 j 17:14:31 **●** -5180 Jan 09 j 10:49:12 ○ Full -5179 May 17 j 17:58:53 **●** -5183 May 02 j 00:27:44 **●** -5182 Sep 08 j 17:12:10 ● New -5180 Jan 16 j 20:45:21 **●** -5179 May 25 j 03:45:15 ○ Full -5183 May 08 j 22:16:57 ○ Full -5182 Sep 15 j 08:34:05 **●** -5180 Jan 23 j 13:26:16 ● New -5179 May 31 j 19:12:10 **①** -5183 May 16 j 19:02:20 **①** -5182 Sep 23 j 07:35:20 ○ Full -5180 Jan 30 j 23:56:45 **●** -5179 Jun 08 j 06:11:02 ● New -5183 May 24 j 10:35:52 ● New -5182 Oct 01 j 10:01:16 • -5180 Feb 08 j 01:02:48 ○ Full -5179 Jun 16 j 10:08:14 **●** 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Phases of Moon from -5200 through -5100 (UT), Astrodienst AG 18-Feb-2025 13:22, page 5	Phases of Moon	from -5200 through	-5100 (UT).	Astrodienst AG	18-Feb-2025 13	:22, page 5
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Attention, astronomical year style is used: The year -5179 in astronomical counting style is the year 5180 BCE in historical counting style. -5179 Jul 07 j 22:00:53 ● New -5178 Nov 14 j 14:56:30 **①** -5176 Mar 23 j 05:59:28 ○ Full -5175 Jul 30 j 09:08:29 **●** -5178 Nov 22 j 18:44:27 ● New -5179 Jul 16 j 01:10:01 **●** -5176 Mar 31 j 09:10:03 • -5175 Aug 07 j 12:54:44 ○ Full -5179 Jul 22 j 20:51:37 ○ Full -5178 Nov 30 j 00:15:19 **●** -5176 Apr 07 j 13:22:49 ● New -5175 Aug 15 j 06:59:21 **●** -5178 Dec 06 j 19:44:17 ○ Full -5179 Jul 29 j 13:37:53 **①** -5176 Apr 14 j 03:40:06 **●** -5175 Aug 21 j 22:04:24 ● New -5179 Aug 06 j 15:38:17 ● New -5178 Dec 14 j 11:53:16 **①** -5176 Apr 21 j 19:57:41 O Full -5175 Aug 29 j 02:21:33 **●** -5179 Aug 14 j 14:35:42 **●** -5178 Dec 22 j 09:31:40 ● New -5176 Apr 29 j 22:57:25 **●** -5175 Sep 06 j 06:59:32 ○ Full -5179 Aug 21 j 06:13:57 ○ Full -5178 Dec 29 j 07:30:31 **●** -5176 May 06 j 20:22:23 ● New -5175 Sep 13 j 16:25:01 **●** -5179 Aug 28 j 05:07:12 **●** -5177 Jan 05 j 08:41:09 ○ Full -5176 May 13 j 11:40:19 **●** -5175 Sep 20 j 10:07:45 ● New -5179 Sep 05 j 10:02:33 ● New -5177 Jan 13 j 08:14:03 **●** -5176 May 21 j 10:58:21 ○ Full -5175 Sep 27 j 22:59:26 **●** -5179 Sep 13 j 02:02:08 **●** -5177 Jan 20 j 21:01:03 ● New -5176 May 29 j 10:35:45 **①** -5175 Oct 05 j 23:49:33 ○ Full -5179 Sep 19 j 17:05:43 ○ Full -5177 Jan 27 j 14:07:57 **●** -5176 Jun 05 j 03:12:50 ● New -5175 Oct 13 j 00:54:45 **●** -5179 Sep 27 j 00:29:38 **●** -5177 Feb 03 j 22:20:50 ○ Full -5176 Jun 11 j 23:06:29 **●** -5175 Oct 20 j 00:04:22 ● New -5179 Oct 05 j 04:02:14 ● New -5177 Feb 12 j 02:09:32 **●** -5176 Jun 20 j 02:33:37 ○ Full -5175 Oct 27 j 21:23:11 **●** -5179 Oct 12 j 11:30:30 **●** -5177 Feb 19 j 05:56:31 ● New -5176 Jun 27 j 20:20:44 **①** -5175 Nov 04 j 14:23:36 ○ Full -5179 Oct 19 j 05:52:20 ○ Full -5177 Feb 25 j 21:06:52 **●** -5176 Jul 04 j 11:01:30 ● New -5175 Nov 11 j 09:18:18 **①** -5179 Oct 26 j 22:09:32 **●** -5177 Mar 05 j 12:52:08 ○ Full -5176 Jul 11 j 14:28:57 **●** -5175 Nov 18 j 15:38:20 ● New -5179 Nov 03 j 20:24:26 ● New -5177 Mar 13 j 16:39:26 **①** -5176 Jul 19 j 18:17:22 ○ Full -5175 Nov 26 j 19:04:08 **●** -5179 Nov 10 j 19:37:17 **●** -5177 Mar 20 j 13:18:27 ● New -5176 Jul 27 j 04:37:43 • -5175 Dec 04 j 02:31:33 ○ Full -5179 Nov 17 j 20:29:28 ○ Full -5177 Mar 27 j 05:24:57 **●** -5176 Aug 02 j 20:55:09 ● New -5175 Dec 10 j 18:17:52 • -5179 Nov 25 j 19:58:55 **①** -5177 Apr 04 i 04:01:00 ○ Full -5176 Aug 10 j 09:25:05 **●** -5175 Dec 18 j 08:26:38 ● New -5179 Dec 03 j 10:13:23 ● New -5177 Apr 12 j 03:44:08 **①** -5176 Aug 18 i 09:43:08 ○ Full -5175 Dec 26 j 13:40:43 **●** -5179 Dec 10 i 03:23:39 **●** -5177 Apr 18 i 20:04:48 ● New -5176 Aug 25 j 12:08:30 **①** -5174 Jan 02 i 12:37:24 ○ Full -5179 Dec 17 j 12:22:35 ○ Full -5177 Apr 25 j 15:57:52 **●** -5176 Sep 01 j 09:41:42 ● New -5174 Jan 09 j 04:23:09 **①** -5179 Dec 25 j 15:55:58 **①** -5177 May 03 j 19:09:02 ○ Full -5176 Sep 09 j 06:39:34 **●** -5174 Jan 17 j 01:46:56 ● New -5178 Jan 01 j 21:12:32 ● New -5177 May 11 j 12:06:43 • -5176 Sep 17 j 00:18:44 O Full -5174 Jan 25 j 03:59:57 **●** -5178 Jan 08 j 11:51:41 **●** -5177 May 18 j 03:09:01 ● New -5176 Sep 23 j 19:53:08 • -5174 Jan 31 j 21:15:33 ○ Full -5178 Jan 16 j 04:43:50 ○ Full -5174 Feb 07 j 15:56:14 **①** -5177 May 25 j 05:30:54 **●** -5176 Oct 01 j 01:27:20 ● New -5178 Jan 24 j 08:31:35 **①** -5177 Jun 02 i 09:34:15 ○ Full -5176 Oct 09 j 04:21:06 **●** -5174 Feb 15 j 18:33:23 ● New -5178 Jan 31 j 05:49:45 ● New -5177 Jun 09 j 18:49:16 **●** -5176 Oct 16 j 13:31:21 O Full -5174 Feb 23 j 14:08:58 **●** -5178 Feb 06 j 21:45:35 **●** -5177 Jun 16 j 11:25:56 ● New -5176 Oct 23 j 04:57:52 **●** -5174 Mar 02 j 05:02:00 ○ Full -5178 Feb 14 j 20:50:48 ○ Full -5177 Jun 23 j 22:19:16 **●** -5176 Oct 30 j 19:26:23 ● New -5174 Mar 09 j 05:15:31 **●** -5178 Feb 22 j 21:06:01 **●** -5174 Mar 17 j 09:39:28 ● New -5177 Jul 01 j 22:56:34 ○ Full -5176 Nov 08 j 00:26:20 **●** -5178 Mar 01 j 13:02:47 ● New -5177 Jul 09 j 00:58:00 **●** -5176 Nov 15 j 01:03:43 ○ Full -5178 Mar 08 j 09:27:36 **●** -5177 Jul 15 j 21:54:47 ● New -5176 Nov 21 j 16:11:04 **①** -5174 Mar 31 j 12:39:11 ○ Full -5178 Mar 16 j 12:11:22 ○ Full -5177 Jul 23 j 17:45:54 **●** -5176 Nov 29 j 14:18:18 ● New -5174 Apr 07 j 20:29:07 **●** -5178 Mar 24 j 05:53:50 **●** -5177 Jul 31 j 11:25:33 ○ Full -5176 Dec 07 j 17:10:04 **●** -5174 Apr 15 j 22:31:39 ● New -5178 Mar 30 j 19:59:43 ● New -5177 Aug 07 j 07:38:12 **●** -5176 Dec 14 j 11:05:37 ○ Full -5174 Apr 23 j 02:09:39 **●** -5178 Apr 06 j 23:05:15 **●** -5177 Aug 14 j 11:29:04 ● New -5176 Dec 21 j 05:43:02 **①** -5174 Apr 29 j 21:02:06 ○ Full -5178 Apr 15 j 02:20:08 ○ Full -5177 Aug 22 j 14:19:04 **●** -5176 Dec 29 j 08:38:23 ● New -5174 May 07 j 13:21:11 **①** -5178 Apr 22 j 11:53:50 **●** -5177 Aug 29 j 23:25:03 ○ Full -5175 Jan 06 j 05:38:37 **●** -5174 May 15 j 09:23:08 ● New -5178 Apr 29 j 03:44:56 ● New -5177 Sep 05 j 15:52:46 **①** -5175 Jan 12 j 20:10:01 ○ Full -5174 May 22 j 06:42:27 **●** -5178 May 06 j 14:38:18 **●** -5174 May 29 j 07:15:52 ○ Full -5177 Sep 13 j 04:27:18 ● New -5175 Jan 19 j 21:06:55 **①** -5178 May 14 j 15:00:02 ○ Full -5177 Sep 21 j 10:03:52 **●** -5175 Jan 28 j 01:17:25 ● New -5174 Jun 06 j 07:05:39 **●** -5178 May 21 j 16:31:20 • -5177 Sep 28 j 11:08:55 ○ Full -5175 Feb 04 j 14:05:19 **●** -5174 Jun 13 j 19:01:01 ● New -5178 May 28 j 13:12:32 ● New -5177 Oct 05 j 02:37:16 **●** -5175 Feb 11 j 05:00:26 ○ Full -5174 Jun 20 j 12:06:06 **●** -5178 Jun 05 i 07:55:10 € -5177 Oct 12 j 23:58:43 ● New -5175 Feb 18 i 13:39:48 • -5174 Jun 27 i 20:19:17 O Full -5178 Jun 13 i 02:11:30 ○ Full -5177 Oct 21 i 03:24:54 **●** -5175 Feb 26 i 15:30:00 ● New -5174 Jul 06 i 00:38:31 **①** -5178 Jun 19 j 21:21:37 • -5177 Oct 27 j 22:30:38 O Full -5175 Mar 05 j 19:37:00 **●** -5174 Jul 13 i 04:21:02 ● New -5177 Nov 03 j 16:26:02 **①** -5174 Jul 19 j 19:39:55 **●** -5178 Jun 27 j 01:04:31 ● New -5175 Mar 12 j 14:19:33 ○ Full -5178 Jul 05 i 02:19:44 **●** -5174 Jul 27 j 12:34:53 O Full -5177 Nov 11 j 20:05:11 ● New -5175 Mar 20 j 06:41:58 **①** -5178 Jul 12 j 12:19:32 ○ Full -5177 Nov 19 j 17:28:09 **●** -5175 Mar 28 j 03:02:02 ● New -5174 Aug 04 j 17:00:54 **①** -5178 Jul 19 j 03:55:59 **●** -5177 Nov 26 j 09:18:19 ○ Full -5175 Apr 03 j 23:47:39 **●** -5174 Aug 11 j 14:05:00 ● New -5177 Dec 03 j 09:12:19 **①** -5178 Jul 26 j 15:47:47 ● New -5175 Apr 11 j 00:44:42 ○ Full -5174 Aug 18 j 06:35:07 **●** -5178 Aug 03 j 20:42:51 **●** -5177 Dec 11 j 14:39:14 ● New -5175 Apr 18 j 23:39:14 **①** -5174 Aug 26 j 07:20:14 O Full -5177 Dec 19 j 04:02:21 **●** -5175 Apr 26 j 12:15:27 ● New -5178 Aug 10 j 22:08:16 ○ Full -5174 Sep 03 j 07:33:25 **●** -5178 Aug 17 j 13:27:26 **①** -5177 Dec 25 j 19:39:10 ○ Full -5175 May 03 j 04:16:47 **●** -5174 Sep 10 j 00:31:34 ● New -5178 Aug 25 j 09:21:50 ● New -5176 Jan 02 j 03:57:04 **●** -5175 May 10 j 12:48:01 ○ Full -5174 Sep 16 j 21:37:17 **●** -5178 Sep 02 j 13:38:06 **●** -5176 Jan 10 j 06:25:08 ● New -5175 May 18 j 15:55:26 **●** -5174 Sep 25 j 02:52:36 ○ Full -5178 Sep 09 j 08:22:26 ○ Full -5176 Jan 17 j 11:35:07 **●** -5175 May 25 j 20:03:21 ● New -5174 Oct 02 j 19:56:02 **●** -5178 Sep 16 j 02:36:19 **①** -5176 Jan 24 j 06:06:27 ○ Full -5175 Jun 01 j 10:35:31 **●** -5174 Oct 09 j 11:44:52 ● New -5178 Sep 24 j 04:56:52 ● New -5176 Jan 31 j 23:05:25 **●** -5175 Jun 09 j 02:53:57 ○ Full -5174 Oct 16 j 16:36:10 **●** -5178 Oct 02 j 03:58:03 **●** -5176 Feb 08 j 19:09:04 ● New -5175 Jun 17 j 06:51:05 **①** -5174 Oct 24 j 21:19:03 ○ Full -5178 Oct 08 j 19:26:37 ○ Full -5176 Feb 15 j 17:06:23 **●** -5175 Jun 24 j 03:35:34 ● New -5174 Nov 01 j 06:06:31 **●** -5178 Oct 15 j 19:21:17 • -5176 Feb 22 j 17:23:20 ○ Full -5175 Jun 30 j 19:57:04 **●** -5174 Nov 07 j 23:51:44 ● New -5178 Oct 24 j 00:46:12 ● New -5176 Mar 01 j 17:07:31 **①** -5175 Jul 08 j 19:07:17 ○ Full -5174 Nov 15 j 14:03:20 **●** -5174 Nov 23 j 13:27:02 ○ Full -5178 Oct 31 j 15:21:59 **●** -5176 Mar 09 j 05:14:54 ● New -5175 Jul 16 j 19:55:01 **①** -5176 Mar 15 j 21:57:48 **●** -5178 Nov 07 j 07:18:28 ○ Full -5175 Jul 23 j 11:59:53 ● New -5174 Nov 30 j 14:24:55 **①**

Phases of Moon from -5200 through -5100 (UT), Astrodienst AG 18-Feb-2025 13:22, page	Phases of Moon	from -5200 through -	-5100 (UT),	Astrodienst AG	18-Feb-2025 13:22,	page 6
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Attention, astronomical year style is used: The year -5174 in astronomical counting style is the year 5175 BCE in historical counting style. -5174 Dec 07 i 13:07:03 ● New -5172 Apr 14 j 19:57:07 • -5171 Aug 22 j 14:39:03 ○ Full -5170 Dec 30 j 11:48:11 **●** -5174 Dec 15 j 11:35:18 **●** -5172 Apr 22 j 17:02:09 ● New -5171 Aug 30 j 00:21:54 **①** -5169 Jan 07 j 00:18:29 ○ Full -5174 Dec 23 j 02:52:15 ○ Full -5172 Apr 30 j 18:38:02 **●** -5171 Sep 07 j 02:41:34 ● New -5169 Jan 15 j 04:22:14 **●** -5174 Dec 29 j 21:36:10 **①** -5172 May 07 j 11:21:49 ○ Full -5171 Sep 14 j 06:54:34 **●** -5169 Jan 22 j 05:50:06 ● New -5173 Jan 06 j 03:38:05 ● New -5172 May 14 j 06:07:45 **●** -5171 Sep 21 j 03:15:02 ○ Full -5169 Jan 28 j 20:34:18 **●** -5173 Jan 14 j 06:59:56 **●** -5172 May 22 j 08:07:17 ● New -5171 Sep 28 j 22:22:58 **①** -5169 Feb 05 j 16:18:59 ○ Full -5173 Jan 21 j 13:40:00 ○ Full -5172 May 30 j 04:11:05 **●** -5171 Oct 06 j 17:43:49 ● New -5169 Feb 13 j 18:56:16 **●** -5173 Jan 28 j 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Full -5171 Dec 11 j 10:02:35 **●** -5169 Apr 20 j 03:23:39 ● New -5173 Apr 05 j 01:47:43 ● New -5172 Aug 11 j 08:05:03 **●** -5171 Dec 19 j 06:03:09 ○ Full -5169 Apr 27 j 09:46:30 **●** -5173 Apr 12 j 21:03:30 **●** -5172 Aug 19 j 04:40:56 ● New -5171 Dec 27 j 09:05:23 **①** -5169 May 05 j 12:13:38 ○ Full -5173 Apr 19 j 11:42:13 ○ Full -5172 Aug 26 i 01:43:33 **●** -5170 Jan 03 j 04:45:25 ● New -5169 May 12 j 18:12:16 **①** -5173 Apr 26 j 12:00:06 **①** -5172 Sep 02 i 04:37:50 ○ Full -5170 Jan 09 j 21:46:56 **●** -5169 May 19 j 11:52:44 ● New -5173 May 04 j 15:53:37 ● New -5172 Sep 10 j 05:34:59 **①** -5170 Jan 17 i 23:52:56 ○ Full -5169 May 27 j 02:14:44 **●** -5173 May 12 i 04:03:22 **●** -5172 Sep 17 j 17:32:00 ● New -5170 Jan 25 j 21:23:59 **①** -5169 Jun 04 i 00:22:33 ○ Full -5173 May 18 j 18:53:05 ○ Full -5172 Sep 24 j 10:18:13 **●** -5170 Feb 01 i 13:08:46 ● New -5169 Jun 10 j 22:53:23 • -5173 May 26 j 03:35:14 **①** -5172 Oct 01 j 21:20:45 ○ Full -5170 Feb 08 i 11:31:45 **●** -5169 Jun 17 j 22:30:32 ● New -5173 Jun 03 j 05:00:41 ● New -5172 Oct 10 j 02:34:26 • -5170 Feb 16 j 15:50:50 ○ Full -5169 Jun 25 j 20:23:27 **●** -5173 Jun 10 j 09:37:47 **●** -5169 Jul 03 j 11:15:37 ○ Full -5172 Oct 17 j 05:19:20 ● New -5170 Feb 24 j 06:01:26 **①** -5173 Jun 17 j 04:03:44 ○ Full -5169 Jul 10 j 04:33:12 **①** -5172 Oct 23 j 21:03:05 **●** -5170 Mar 02 j 20:49:16 ● New -5173 Jun 24 j 21:25:15 **①** -5172 Oct 31 j 16:10:09 ○ Full -5170 Mar 10 j 03:02:25 **●** -5169 Jul 17 j 11:51:34 ● New -5173 Jul 02 j 17:20:10 ● New -5172 Nov 08 j 20:47:36 **●** -5170 Mar 18 j 05:28:30 ○ Full -5169 Jul 25 j 15:17:12 **●** -5173 Jul 09 j 15:01:51 **●** -5172 Nov 15 j 16:19:52 ● New -5170 Mar 25 j 11:51:39 **①** -5169 Aug 01 j 21:25:18 O Full -5173 Jul 16 j 16:13:58 ○ Full -5172 Nov 22 j 10:10:46 **●** -5169 Aug 08 j 12:34:24 **①** -5170 Apr 01 j 04:54:20 ● New -5169 Aug 16 j 04:10:14 ● New -5173 Jul 24 j 16:37:17 **①** -5172 Nov 30 j 11:46:04 ○ Full -5170 Apr 08 j 19:40:56 **●** -5173 Aug 01 j 05:02:37 ● New -5169 Aug 24 j 09:29:02 **●** -5172 Dec 08 j 10:57:46 **●** -5170 Apr 16 j 16:59:08 ○ Full -5173 Aug 07 j 21:41:56 **●** -5172 Dec 15 j 02:42:48 ● New -5170 Apr 23 j 16:10:33 **●** -5169 Aug 31 j 07:35:44 ○ Full -5173 Aug 15 j 07:43:08 ○ Full -5172 Dec 22 j 01:28:28 **●** -5170 Apr 30 j 14:33:24 ● New -5169 Sep 06 j 23:53:40 **●** -5173 Aug 23 j 12:00:47 **●** -5172 Dec 30 j 06:15:27 ○ Full -5170 May 08 j 12:42:28 **●** -5169 Sep 14 j 23:02:25 ● New -5173 Aug 30 j 16:14:55 ● New -5171 Jan 06 j 21:05:48 **●** -5170 May 16 j 02:55:32 ○ Full -5169 Sep 23 j 01:31:02 **●** -5173 Sep 06 j 07:01:16 **●** -5171 Jan 13 j 12:34:00 ● New -5170 May 22 j 20:29:24 **①** -5169 Sep 29 j 18:20:52 ○ Full -5173 Sep 14 j 01:56:44 ○ Full -5171 Jan 20 j 18:26:13 **●** -5170 May 30 j 02:37:16 ● New -5169 Oct 06 j 14:49:31 **①** -5173 Sep 22 j 06:11:26 **●** -5171 Jan 28 j 22:02:09 ○ Full -5170 Jun 07 j 05:28:59 **●** -5169 Oct 14 j 19:06:05 ● New -5173 Sep 29 j 03:05:37 ● New -5171 Feb 05 j 04:05:49 **●** -5170 Jun 14 j 11:55:22 ○ Full -5169 Oct 22 j 14:33:14 **●** -5171 Feb 11 j 22:11:48 ● New -5169 Oct 29 j 05:49:06 ○ Full -5173 Oct 05 j 19:53:58 **●** -5170 Jun 21 j 02:26:34 **①** -5173 Oct 13 j 21:35:52 ○ Full -5170 Jun 28 j 17:21:42 ● New -5171 Feb 19 j 12:17:57 **●** -5169 Nov 05 j 08:57:43 **●** -5173 Oct 21 j 21:45:47 • -5171 Feb 27 j 10:32:11 ○ Full -5170 Jul 06 j 21:29:15 **●** -5169 Nov 13 j 14:15:27 ● New -5173 Oct 28 j 13:49:47 ● New -5171 Mar 06 j 09:14:20 **●** -5170 Jul 13 j 20:37:34 ○ Full -5169 Nov 21 j 00:38:31 **●** -5173 Nov 04 i 12:17:42 **●** -5171 Mar 13 i 08:15:15 ● New -5170 Jul 20 j 11:33:50 • -5169 Nov 27 i 17:49:04 O Full -5173 Nov 12 j 17:03:05 ○ Full -5171 Mar 21 j 06:02:09 **●** -5170 Jul 28 i 10:22:46 ● New -5169 Dec 05 j 05:12:02 • -5173 Nov 20 i 09:52:45 **①** -5171 Mar 28 i 20:14:59 ○ Full -5170 Aug 05 j 12:10:41 ● -5169 Dec 13 i 06:40:33 ● New -5171 Apr 04 j 13:52:31 **①** -5173 Nov 27 j 00:46:58 ● New -5169 Dec 20 j 08:29:21 **●** -5170 Aug 12 j 05:43:24 ○ Full -5173 Dec 04 j 07:09:25 **●** -5169 Dec 27 j 06:12:23 O Full -5171 Apr 11 j 19:35:38 ● New -5170 Aug 19 j 00:53:10 **①** -5173 Dec 12 j 10:46:21 ○ Full -5171 Apr 19 j 22:35:51 **●** -5170 Aug 27 j 04:46:10 ● New -5168 Jan 04 j 01:50:32 • -5171 Apr 27 j 04:14:08 ○ Full -5173 Dec 19 j 18:38:45 **①** -5170 Sep 04 j 00:59:39 **●** -5168 Jan 11 j 19:39:44 ● New -5173 Dec 26 j 12:14:02 ● New -5171 May 03 j 19:20:40 **●** -5170 Sep 10 j 15:54:27 ○ Full -5168 Jan 18 j 15:05:48 **●** -5172 Jan 03 j 02:54:48 **●** -5171 May 11 j 08:54:29 ● New -5170 Sep 17 j 18:28:19 **●** -5168 Jan 25 j 19:08:24 ○ Full -5172 Jan 11 j 01:38:41 ○ Full -5171 May 19 j 13:16:55 **●** -5170 Sep 25 j 23:20:35 ● New -5168 Feb 02 j 20:59:12 **●** -5172 Jan 18 j 01:02:23 **●** -5170 Oct 03 j 11:37:56 **●** -5171 May 26 j 11:38:00 ○ Full -5168 Feb 10 j 05:38:10 ● New -5172 Jan 25 j 00:19:57 ● New -5171 Jun 02 j 02:57:24 **●** -5170 Oct 10 j 03:43:20 ○ Full -5168 Feb 16 j 21:30:42 **●** -5172 Feb 01 j 22:04:40 **●** -5171 Jun 10 j 00:18:53 ● New -5170 Oct 17 j 15:11:48 • -5168 Feb 24 j 08:55:05 ○ Full -5172 Feb 09 j 13:15:53 ○ Full -5171 Jun 18 j 01:55:13 **●** -5170 Oct 25 j 16:48:10 ● New -5168 Mar 03 j 13:12:40 **●** -5172 Feb 16 j 06:28:16 **●** -5171 Jun 24 j 19:23:17 ○ Full -5170 Nov 01 j 20:22:00 **●** -5168 Mar 10 j 13:33:39 ● New -5172 Feb 23 j 13:07:44 ● New -5171 Jul 01 j 13:55:17 **●** -5170 Nov 08 j 17:20:07 ○ Full -5168 Mar 17 j 04:45:23 **●** -5172 Mar 02 j 15:30:57 **●** -5171 Jul 09 j 17:09:49 ● New -5170 Nov 16 j 13:06:11 **①** -5168 Mar 24 j 23:36:26 ○ Full -5172 Mar 09 j 22:02:12 ○ Full -5171 Jul 17 j 12:46:00 **●** -5170 Nov 24 j 07:59:28 ● New -5168 Apr 02 j 02:02:00 **●** -5172 Mar 16 j 12:22:14 **①** -5171 Jul 24 j 04:12:16 ○ Full -5170 Dec 01 j 04:03:19 **●** -5168 Apr 08 j 20:28:06 ● New -5172 Mar 24 j 02:40:38 ● New -5171 Jul 31 j 05:04:32 **●** -5170 Dec 08 j 08:25:10 ○ Full -5168 Apr 15 j 13:50:07 **●** -5168 Apr 23 j 14:48:31 ○ Full -5172 Apr 01 j 06:28:30 **●** -5171 Aug 08 j 10:18:28 ● New -5170 Dec 16 j 10:04:30 **●** -5172 Apr 08 j 04:58:26 ○ Full -5171 Aug 15 j 22:15:48 **●** -5170 Dec 23 j 20:17:02 ● New -5168 May 01 j 11:50:13 **①**

Attention, astronomical year style is used: The year -5168 in astronomical counting style is the year 5169 BCE in historical counting style. -5168 May 08 j 03:17:32 ● New -5167 Sep 14 j 20:33:08 • -5165 Jan 22 j 21:09:33 ○ Full -5164 May 31 j 10:55:49 **●** -5165 Jan 29 j 13:47:59 **①** -5168 May 15 j 01:40:14 **●** -5167 Sep 21 j 21:30:52 ● New -5164 Jun 07 j 02:56:40 ○ Full -5168 May 23 j 05:48:15 ○ Full -5167 Sep 29 j 21:32:57 **●** -5165 Feb 06 j 13:44:43 ● New -5164 Jun 14 j 15:33:37 • -5165 Feb 14 j 13:17:26 **●** -5164 Jun 22 j 14:57:29 ● New -5168 May 30 j 19:29:45 **①** -5167 Oct 07 j 11:33:41 ○ Full -5168 Jun 06 j 10:54:56 ● New -5167 Oct 14 j 04:50:39 • -5165 Feb 21 j 05:05:58 ○ Full -5164 Jun 29 j 16:27:24 **●** -5168 Jun 13 j 16:51:22 **●** -5167 Oct 21 j 14:27:14 ● New -5165 Feb 28 j 01:50:13 **①** -5164 Jul 06 j 13:35:56 ○ Full -5168 Jun 21 j 19:59:15 ○ Full -5167 Oct 29 j 18:46:54 **●** -5165 Mar 08 j 05:39:59 ● New -5164 Jul 14 j 10:24:27 **●** -5168 Jun 29 j 02:02:53 **●** -5167 Nov 05 j 23:59:25 ○ Full -5165 Mar 15 j 21:43:24 **●** -5164 Jul 22 j 03:16:22 ● New -5168 Jul 05 j 20:16:12 ● New -5167 Nov 12 j 14:46:20 **●** -5165 Mar 22 j 12:32:25 ○ Full -5164 Jul 28 j 22:28:15 **●** -5168 Jul 13 j 11:15:34 **●** -5167 Nov 20 j 08:53:18 ● New -5165 Mar 29 j 15:49:56 **①** -5164 Aug 05 j 03:32:00 ○ Full -5168 Jul 21 j 09:12:10 ○ Full -5167 Nov 28 j 13:23:33 **●** -5165 Apr 06 j 19:41:34 ● New -5164 Aug 13 j 06:09:43 **①** -5168 Jul 28 j 08:32:37 **●** -5167 Dec 05 j 10:38:02 ○ Full -5165 Apr 14 j 03:37:47 **●** -5164 Aug 20 j 15:00:03 ● New -5168 Aug 04 j 08:18:20 ● New -5167 Dec 12 j 02:52:17 **●** -5165 Apr 20 j 20:18:28 ○ Full -5168 Aug 12 j 07:44:19 **●** -5167 Dec 20 j 03:26:07 ● New -5165 Apr 28 j 07:49:08 **①** -5164 Sep 03 j 20:36:10 ○ Full -5168 Aug 19 j 21:42:03 ○ Full -5167 Dec 28 j 04:01:00 **●** -5165 May 06 j 07:37:55 ● New -5164 Sep 12 j 01:26:08 **●** -5168 Aug 26 j 16:00:32 **①** -5166 Jan 03 j 19:54:34 ○ Full -5165 May 13 j 08:21:17 **●** -5164 Sep 19 j 02:11:40 ● New -5168 Sep 02 j 23:40:14 ● New -5166 Jan 10 j 17:02:09 **●** -5165 May 20 j 05:25:51 ○ Full -5164 Sep 25 j 17:25:08 **●** -5168 Sep 11 j 04:23:54 **●** -5166 Jan 18 j 20:51:22 ● New -5165 May 28 j 01:19:06 • -5164 Oct 03 j 15:47:11 ○ Full -5168 Sep 18 j 09:46:36 ○ Full -5166 Jan 26 j 14:20:37 **●** -5165 Jun 04 j 17:59:14 ● New -5164 Oct 11 j 18:41:47 • -5168 Sep 25 j 01:24:57 **●** -5166 Feb 02 i 04:31:55 ○ Full -5165 Jun 11 j 13:15:15 **●** -5164 Oct 18 j 13:00:19 ● New -5168 Oct 02 j 18:07:30 ● New -5166 Feb 09 i 08:43:22 **①** -5165 Jun 18 j 16:59:56 ○ Full -5164 Oct 25 j 07:59:18 **●** -5168 Oct 10 j 23:19:41 **●** -5166 Feb 17 j 12:14:04 ● New -5165 Jun 26 j 19:21:21 **①** -5164 Nov 02 j 11:32:14 ○ Full -5168 Oct 17 j 21:26:28 ○ Full -5166 Feb 24 i 21:06:24 **●** -5165 Jul 04 i 03:37:37 ● New -5164 Nov 10 j 08:42:13 **①** -5168 Oct 24 j 13:32:02 • -5166 Mar 03 i 13:17:02 ○ Full -5165 Jul 10 j 19:39:35 **●** -5164 Nov 16 j 23:43:10 ● New -5168 Nov 01 j 14:10:58 ● New -5166 Mar 11 j 01:18:44 **①** -5165 Jul 18 j 07:46:00 ○ Full -5164 Nov 24 j 01:32:22 **●** -5168 Nov 09 j 15:13:08 **●** -5164 Dec 02 i 06:14:00 ○ Full -5166 Mar 19 j 01:04:55 ● New -5165 Jul 26 j 12:47:22 **①** -5168 Nov 16 j 08:28:26 ○ Full -5164 Dec 09 j 19:03:32 **①** -5166 Mar 26 j 01:42:16 **●** -5165 Aug 02 j 13:21:28 ● New -5168 Nov 23 j 04:38:25 **①** -5166 Apr 01 j 22:52:41 ○ Full -5165 Aug 09 j 04:49:53 **●** -5164 Dec 16 j 10:40:23 ● New -5168 Dec 01 j 09:39:17 ● New -5166 Apr 09 j 18:16:09 **①** -5165 Aug 17 j 01:35:46 ○ Full -5164 Dec 23 j 20:43:59 **●** -5168 Dec 09 j 03:31:46 **●** -5166 Apr 17 j 11:27:18 ● New -5165 Aug 25 j 04:41:12 **①** -5164 Dec 31 j 22:31:56 ○ Full -5168 Dec 15 j 18:48:53 ○ Full -5166 Apr 24 j 05:47:23 **●** -5165 Aug 31 j 23:38:01 ● New -5163 Jan 08 j 02:22:08 **●** -5168 Dec 22 j 22:14:02 **①** -5166 May 01 j 09:55:55 ○ Full -5165 Sep 07 j 17:46:18 **●** -5163 Jan 14 j 22:07:56 ● New -5168 Dec 31 j 02:47:45 ● New -5166 May 09 j 11:03:11 **●** -5163 Jan 22 j 16:04:09 **●** -5165 Sep 15 j 21:10:11 ○ Full -5167 Jan 07 j 12:25:30 **●** -5166 May 16 j 19:58:44 ● New -5165 Sep 23 j 18:28:02 **●** -5163 Jan 30 j 11:40:45 ○ Full -5167 Jan 14 j 04:51:22 ○ Full -5166 May 23 j 10:59:07 **●** -5165 Sep 30 j 10:33:19 ● New -5163 Feb 06 j 07:55:04 **●** -5167 Jan 21 j 17:03:06 **●** -5166 May 30 j 22:57:37 ○ Full -5165 Oct 07 j 10:48:59 **●** -5163 Feb 13 j 10:15:17 ● New -5167 Jan 29 j 16:55:22 ● New -5166 Jun 08 j 03:00:13 **●** -5165 Oct 15 j 16:29:48 ○ Full -5163 Feb 21 j 10:18:44 **●** -5167 Feb 05 j 18:40:46 **●** -5166 Jun 15 j 03:41:21 ● New -5165 Oct 23 j 05:52:55 **●** -5163 Feb 28 j 21:42:44 O Full -5167 Feb 12 j 15:20:07 ○ Full -5166 Jun 21 j 18:41:33 **●** -5165 Oct 29 j 22:08:46 ● New -5163 Mar 07 j 13:12:00 **●** -5167 Feb 20 j 11:33:36 **●** -5166 Jun 29 j 14:15:26 ○ Full -5165 Nov 06 j 07:08:38 **●** -5163 Mar 14 j 23:09:22 ● New -5167 Feb 28 j 04:12:06 ● New -5166 Jul 07 j 17:25:44 **①** -5165 Nov 14 j 09:55:16 ○ Full -5163 Mar 23 j 02:34:01 **●** -5167 Mar 06 j 23:31:22 **●** -5166 Jul 14 j 11:44:45 ● New -5165 Nov 21 j 15:02:57 **①** -5163 Mar 30 j 05:23:42 ○ Full -5167 Mar 14 j 02:57:50 ○ Full -5166 Jul 21 j 05:56:10 **●** -5165 Nov 28 j 10:35:56 ● New -5163 Apr 05 j 19:35:48 **●** -5166 Jul 29 j 07:36:24 ○ Full -5167 Mar 22 j 04:35:31 **①** -5165 Dec 06 j 04:44:40 **●** -5163 Apr 13 j 12:57:52 ● New -5167 Mar 29 j 13:12:41 ● New -5166 Aug 06 j 05:52:48 **●** -5165 Dec 14 j 00:39:37 ○ Full -5163 Apr 21 j 16:17:02 **●** -5167 Apr 05 i 04:26:36 € -5166 Aug 12 j 21:06:28 ● New -5165 Dec 20 j 22:31:57 • -5163 Apr 28 i 11:55:24 O Full -5167 Apr 12 j 16:05:24 ○ Full -5166 Aug 19 j 21:12:50 **●** -5165 Dec 28 i 00:11:07 ● New -5163 May 05 j 04:13:10 **①** -5163 May 13 j 03:43:48 ● New -5167 Apr 20 j 19:36:33 **①** -5166 Aug 28 j 02:00:51 ○ Full -5164 Jan 05 i 01:14:42 **●** -5164 Jan 12 j 12:37:38 ○ Full -5167 Apr 27 j 20:42:34 ● New -5166 Sep 04 j 16:22:33 • -5163 May 21 j 03:20:52 **●** -5167 May 04 j 10:58:56 **●** -5164 Jan 19 j 05:17:38 **①** -5166 Sep 11 j 08:17:00 ● New -5163 May 27 j 18:36:10 ○ Full -5164 Jan 26 j 14:54:12 ● New -5167 May 12 j 06:36:09 ○ Full -5166 Sep 18 j 16:19:00 **●** -5163 Jun 03 j 15:51:49 **①** -5164 Feb 03 j 18:57:49 **●** -5167 May 20 j 08:32:28 • -5166 Sep 26 j 19:53:19 ○ Full -5163 Jun 11 j 19:13:43 ● New -5167 May 27 j 03:35:45 ● New -5166 Oct 04 j 01:24:34 • -5164 Feb 10 j 22:06:49 ○ Full -5163 Jun 19 j 12:08:41 **●** -5167 Jun 02 j 20:30:10 **●** -5166 Oct 10 j 21:18:12 ● New -5164 Feb 17 j 12:30:16 **①** -5163 Jun 26 j 02:35:22 ○ Full -5167 Jun 10 j 22:05:24 ○ Full -5166 Oct 18 j 14:05:33 **●** -5164 Feb 25 j 06:16:42 ● New -5163 Jul 03 j 06:58:29 **●** -5167 Jun 18 j 19:31:36 **①** -5164 Mar 04 j 09:16:00 **●** -5163 Jul 11 j 10:51:31 ● New -5166 Oct 26 j 11:47:31 ○ Full -5167 Jun 25 j 10:55:00 ● New -5163 Jul 18 j 19:30:27 **●** -5166 Nov 02 j 09:45:20 **●** -5164 Mar 11 j 05:41:21 ○ Full -5163 Jul 25 j 12:43:19 ○ Full -5167 Jul 02 j 09:53:42 **●** -5166 Nov 09 j 11:56:33 ● New -5164 Mar 17 j 21:18:15 **①** -5167 Jul 10 j 14:03:47 ○ Full -5166 Nov 17 j 12:23:50 **●** -5164 Mar 25 j 21:34:34 ● New -5163 Aug 02 j 01:30:03 **●** -5167 Jul 18 j 04:49:20 **●** -5166 Nov 25 j 01:06:39 ○ Full -5164 Apr 02 j 20:17:04 **●** -5163 Aug 10 j 01:49:50 ● New -5167 Jul 24 j 19:47:17 ● New -5166 Dec 01 j 18:12:24 **●** -5164 Apr 09 j 12:13:39 ○ Full -5163 Aug 17 j 02:32:31 **●** -5167 Aug 01 j 03:14:46 **●** -5166 Dec 09 j 03:55:16 ● New -5164 Apr 16 j 08:34:15 **①** -5163 Aug 24 j 01:27:23 ○ Full -5167 Aug 09 j 06:01:38 ○ Full -5166 Dec 17 j 08:41:39 **●** -5164 Apr 24 j 12:12:53 ● New -5163 Aug 31 j 22:34:39 **①** -5167 Aug 16 j 12:53:53 **①** -5166 Dec 24 j 12:02:33 ○ Full -5164 May 02 j 04:33:58 **●** -5163 Sep 08 j 15:35:02 ● New -5167 Aug 23 j 07:10:15 ● New -5166 Dec 31 j 03:23:42 **●** -5164 May 08 j 18:52:50 ○ Full -5163 Sep 15 j 10:23:36 **●** -5165 Jan 07 j 20:47:50 ● New -5163 Sep 22 j 16:53:22 ○ Full -5167 Aug 30 j 23:41:03 **●** -5164 May 15 j 22:42:49 **①** -5165 Jan 16 j 01:09:16 **●** -5167 Sep 07 j 21:24:33 ○ Full -5164 May 24 j 01:59:04 ● New -5163 Sep 30 j 20:19:22 **①**

Phases of Moon from -5200 through -5100 (UT), Astrodienst AG 18-Feb-2025 13:22, page	Phases of Moon	from -5200 through -5100	(UT), Astrodienst AG 1	18-Feb-2025 13:22,	page 8
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Attention, astronomical year style is used: The year -5163 in astronomical counting style is the year 5164 BCE in historical counting style. -5163 Oct 08 i 04:02:14 ● New -5161 Feb 15 j 05:58:52 • -5160 Jun 23 j 09:43:54 ○ Full -5159 Oct 31 j 11:59:44 **●** -5160 Jun 30 j 05:41:32 **①** -5163 Oct 14 j 19:58:05 € -5161 Feb 21 j 20:52:13 ● New -5159 Nov 07 j 07:35:33 ○ Full -5160 Jul 07 j 08:36:17 ● New -5163 Oct 22 j 10:42:44 ○ Full -5161 Feb 28 j 22:26:15 **●** -5159 Nov 14 j 01:01:26 • -5160 Jul 15 j 09:21:37 **●** -5163 Oct 30 j 16:18:03 • -5161 Mar 09 j 02:19:13 ○ Full -5159 Nov 22 j 04:08:33 ● New -5163 Nov 06 j 15:25:45 ● New -5161 Mar 16 j 13:05:02 **①** -5160 Jul 22 j 20:28:43 ○ Full -5159 Nov 30 j 02:09:37 **●** -5163 Nov 13 j 07:43:27 **●** -5161 Mar 23 j 04:25:05 ● New -5160 Jul 29 j 12:30:28 **●** -5159 Dec 06 j 18:06:26 ○ Full -5163 Nov 21 j 05:59:39 ○ Full -5161 Mar 30 j 14:22:02 **●** -5160 Aug 05 j 23:32:59 ● New -5159 Dec 13 j 17:09:15 **●** -5163 Nov 29 j 08:37:08 **●** -5161 Apr 07 j 14:52:28 ○ Full -5160 Aug 14 j 04:27:34 **●** -5159 Dec 21 j 22:27:57 ● New -5163 Dec 06 j 01:59:47 ● New -5161 Apr 14 j 18:01:08 **①** -5160 Aug 21 j 06:49:28 ○ Full -5159 Dec 29 j 12:39:12 **●** -5163 Dec 12 j 21:39:52 **●** -5161 Apr 21 j 13:01:18 ● New -5160 Aug 27 j 22:09:25 **①** -5158 Jan 05 j 03:58:03 ○ Full -5163 Dec 21 j 01:06:07 ○ Full -5161 Apr 29 j 07:14:31 **●** -5160 Sep 04 j 17:22:00 ● New -5158 Jan 12 j 11:10:24 • -5163 Dec 28 j 20:40:40 **①** -5161 May 07 j 01:40:10 ○ Full -5160 Sep 12 j 22:03:58 **●** -5158 Jan 20 j 13:59:54 ● New -5162 Jan 04 j 11:52:27 ● New -5161 May 13 j 22:10:58 **①** -5160 Sep 19 j 17:24:40 ○ Full -5158 Jan 27 j 19:59:27 **●** -5162 Jan 11 j 13:29:10 **●** -5161 May 20 j 23:45:04 ● New -5160 Sep 26 j 11:15:17 **●** -5158 Feb 03 j 13:49:42 ○ Full -5162 Jan 19 j 18:13:44 ○ Full -5160 Oct 04 j 13:09:14 ● New -5158 Feb 11 j 05:42:37 **●** -5162 Jan 27 j 05:01:51 **●** -5161 Jun 05 j 11:16:47 ○ Full -5160 Oct 12 j 12:52:50 **●** -5158 Feb 19 j 02:34:01 ● New -5162 Feb 02 j 21:17:12 ● New -5161 Jun 12 j 03:10:04 **①** -5160 Oct 19 j 04:33:47 ○ Full -5158 Feb 26 j 01:13:32 **●** -5162 Feb 10 j 06:39:19 **●** -5161 Jun 19 j 13:12:28 ● New -5160 Oct 26 j 03:44:13 • -5158 Mar 05 j 00:31:16 ○ Full -5162 Feb 18 j 08:16:42 ○ Full -5161 Jun 27 j 17:08:13 **●** -5160 Nov 03 j 09:03:51 ● New -5158 Mar 12 j 23:26:14 **①** -5162 Feb 25 i 10:50:27 **①** -5161 Jul 04 j 20:18:11 ○ Full -5160 Nov 11 j 00:28:40 **●** -5158 Mar 20 j 12:36:18 ● New -5162 Mar 04 j 06:45:52 ● New -5161 Jul 11 j 10:35:23 **①** -5160 Nov 17 j 16:12:17 ○ Full -5158 Mar 27 j 05:45:55 **●** -5162 Mar 12 i 00:21:46 **●** -5161 Jul 19 i 05:19:02 ● New -5160 Nov 24 j 22:51:32 **①** -5158 Apr 03 i 12:39:56 ○ Full -5162 Mar 19 j 19:15:54 ○ Full -5161 Jul 27 i 08:57:09 **●** -5160 Dec 03 i 02:58:54 ● New -5158 Apr 11 j 15:31:54 **①** -5162 Mar 26 j 15:27:40 **①** -5161 Aug 03 j 05:21:28 ○ Full -5160 Dec 10 j 09:17:06 **●** -5158 Apr 18 j 20:47:59 ● New -5162 Apr 02 j 17:08:30 ● New -5161 Aug 09 j 21:46:39 **①** -5160 Dec 17 j 04:08:53 ○ Full -5158 Apr 25 j 11:10:23 **●** -5162 Apr 10 j 17:35:39 **●** -5161 Aug 17 j 23:21:54 ● New -5160 Dec 24 j 19:15:15 ① -5158 May 03 i 02:25:56 ○ Full -5162 Apr 18 j 04:01:43 ○ Full -5161 Aug 25 j 23:08:37 **●** -5159 Jan 01 j 17:36:25 ● New -5158 May 11 j 05:42:14 **①** -5162 Apr 24 j 20:15:33 **①** -5161 Sep 01 j 15:05:35 ○ Full -5159 Jan 08 j 16:13:25 **●** -5158 May 18 j 03:58:24 ● New -5162 May 02 j 05:17:21 ● New -5161 Sep 08 j 13:18:35 **①** -5159 Jan 15 j 16:27:04 ○ Full -5162 May 10 j 09:26:15 **●** -5161 Sep 16 j 18:12:58 ● New -5159 Jan 23 j 15:08:23 **●** -5158 Jun 01 j 17:33:45 ○ Full -5162 May 17 j 11:42:32 ○ Full -5161 Sep 24 j 11:08:39 **●** -5159 Jan 31 j 04:53:18 ● New -5158 Jun 09 j 17:57:35 **●** -5158 Jun 16 j 11:05:08 ● New -5162 May 24 j 02:34:45 **①** -5161 Oct 01 j 02:06:13 ○ Full -5159 Feb 06 j 22:22:27 **●** -5162 May 31 j 19:41:53 ● New -5158 Jun 23 j 06:19:10 **●** -5161 Oct 08 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16:58:31 **●** -5159 Apr 22 j 10:48:06 **①** -5162 Aug 06 j 21:57:04 **●** -5161 Dec 14 j 18:43:53 ● New -5158 Aug 29 j 17:59:44 ○ Full -5161 Dec 21 j 12:16:19 **●** -5159 Apr 29 j 03:36:57 ● New -5162 Aug 13 j 13:28:55 ○ Full -5158 Sep 05 j 21:20:05 **●** -5162 Aug 20 j 18:06:59 **①** -5161 Dec 28 j 20:11:01 ○ Full -5159 May 05 j 22:47:24 **●** -5158 Sep 12 j 18:18:38 ● New -5162 Aug 28 j 22:42:40 ● New -5160 Jan 05 j 23:17:01 **●** -5159 May 14 j 01:37:46 ○ Full -5158 Sep 20 j 14:30:37 **●** -5162 Sep 05 i 07:13:38 € -5160 Jan 13 i 05:27:41 ● New -5159 May 21 j 19:39:17 • -5158 Sep 28 i 09:05:02 ○ Full -5162 Sep 12 j 01:01:51 ○ Full -5160 Jan 19 j 20:07:34 **●** -5159 May 28 j 10:46:49 ● New -5158 Oct 05 i 05:15:13 • -5162 Sep 19 j 15:06:15 **①** -5160 Jan 27 i 11:53:21 O Full -5159 Jun 04 j 12:11:33 **●** -5158 Oct 12 j 10:00:55 ● New -5162 Sep 27 j 14:42:21 ● New -5160 Feb 04 i 15:43:27 • -5159 Jun 12 j 16:29:47 ○ Full -5158 Oct 20 j 12:25:41 **●** -5162 Oct 04 j 15:46:47 **●** -5160 Feb 11 j 13:46:14 ● New -5159 Jun 20 j 02:54:15 **①** -5158 Oct 27 j 22:30:55 ○ Full -5162 Oct 11 j 14:49:35 ○ Full -5159 Jun 26 j 19:14:29 ● New -5160 Feb 18 j 05:18:40 **●** -5158 Nov 03 j 14:10:29 • -5162 Oct 19 j 13:37:20 • -5160 Feb 26 i 03:30:43 ○ Full -5159 Jul 04 j 05:07:58 **●** -5158 Nov 11 j 03:42:58 ● New -5162 Oct 27 j 05:05:01 ● New -5160 Mar 05 j 04:19:22 **●** -5159 Jul 12 j 06:30:19 ○ Full -5158 Nov 19 j 08:36:27 **●** -5162 Nov 03 j 00:13:20 **●** -5160 Mar 11 j 20:42:05 ● New -5159 Jul 19 j 09:33:14 **①** -5158 Nov 26 j 09:58:41 ○ Full -5162 Nov 10 j 06:57:10 ○ Full -5160 Mar 18 j 16:21:01 **●** -5159 Jul 26 j 05:56:03 ● New -5158 Dec 03 j 00:54:42 **●** -5158 Dec 10 j 22:08:50 ● New -5162 Nov 18 j 11:01:59 **①** -5160 Mar 26 j 18:38:34 ○ Full -5159 Aug 03 j 00:58:31 **●** -5162 Nov 25 j 17:38:49 ● New -5160 Apr 03 j 13:18:19 **①** -5159 Aug 10 j 19:39:14 ○ Full -5158 Dec 19 j 01:18:42 **●** -5162 Dec 02 j 09:18:18 **●** -5160 Apr 10 j 03:26:35 ● New -5159 Aug 17 j 16:35:39 **①** -5158 Dec 25 j 19:41:46 ○ Full -5162 Dec 10 j 00:44:36 ○ Full -5160 Apr 17 j 05:31:06 **●** -5159 Aug 24 j 19:41:10 ● New -5157 Jan 01 j 13:43:11 **●** -5162 Dec 18 j 05:19:28 **●** -5160 Apr 25 j 08:54:15 ○ Full -5159 Sep 01 j 22:04:05 **●** -5157 Jan 09 j 16:02:05 ● New -5162 Dec 25 j 04:17:34 ● New -5160 May 02 j 19:35:38 **●** -5159 Sep 09 j 08:11:23 ○ Full -5157 Jan 17 j 13:42:23 **●** -5162 Dec 31 j 19:46:01 **●** -5160 May 09 j 11:06:10 ● New -5159 Sep 16 j 00:59:31 **●** -5157 Jan 24 j 04:18:59 ○ Full -5161 Jan 08 j 18:47:17 ○ Full -5160 May 16 j 20:55:17 **●** -5159 Sep 23 j 12:44:33 ● New -5157 Jan 31 j 04:19:02 **●** -5161 Jan 16 j 19:37:10 **●** -5160 May 24 j 21:58:05 ○ Full -5159 Oct 01 j 18:19:01 **●** -5157 Feb 08 j 08:21:26 ● New -5161 Jan 23 j 13:10:07 ● New -5160 Jun 01 j 00:32:43 **●** -5159 Oct 08 j 20:13:34 ○ Full -5157 Feb 15 j 22:03:46 **●** -5160 Jun 07 j 20:35:39 ● New -5157 Feb 22 j 12:39:46 ○ Full -5161 Jan 30 j 08:06:52 **●** -5159 Oct 15 j 11:37:00 **●** -5161 Feb 07 j 11:35:56 ○ Full -5160 Jun 15 j 14:24:58 **●** -5157 Mar 01 j 20:11:16 **①** -5159 Oct 23 j 08:12:52 ● New

Phases of Moon from -5200 through -5100 (UT), Astrodienst AG 18-Feb-2025 13:22,	page 9
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Attention, astronomical year style is used: The year -5157 in astronomical counting style is the year 5158 BCE in historical counting style. -5157 Mar 09 j 22:26:18 ● New -5156 Jul 16 j 07:51:19 • -5155 Nov 23 j 01:09:50 ○ Full -5153 Apr 01 j 12:10:09 **●** -5156 Jul 23 j 12:36:19 ● New -5157 Mar 17 j 03:30:44 **●** -5155 Nov 30 j 18:45:09 **①** -5153 Apr 09 j 03:27:21 ○ Full -5156 Jul 30 j 04:03:50 **●** -5157 Mar 23 j 21:32:17 ○ Full -5155 Dec 07 j 09:30:13 ● New -5153 Apr 15 j 21:38:48 **●** -5157 Mar 31 j 12:50:20 **●** -5156 Aug 06 j 20:12:28 ○ Full -5155 Dec 14 j 14:53:27 **●** -5153 Apr 23 j 02:19:42 ● New -5157 Apr 08 j 10:03:20 ● New -5156 Aug 15 j 00:59:27 **●** -5155 Dec 22 j 18:42:03 ○ Full -5153 May 01 j 04:53:22 **●** -5157 Apr 15 j 07:37:25 **●** -5156 Aug 21 j 22:48:36 ● New -5155 Dec 30 j 03:23:00 **●** -5153 May 08 j 11:39:05 ○ Full -5157 Apr 22 j 07:38:41 ○ Full -5156 Aug 28 j 15:03:10 **●** -5154 Jan 05 j 20:24:38 ● New -5153 May 15 j 02:59:10 **●** -5157 Apr 30 j 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Full -5154 Mar 13 j 21:56:17 **●** -5153 Jul 21 j 00:27:32 ● New -5157 Jul 05 j 11:40:09 ● New -5156 Nov 11 j 15:20:06 **●** -5154 Mar 21 j 05:31:01 ○ Full -5153 Jul 28 j 21:03:16 **●** -5157 Jul 12 j 03:45:54 **●** -5156 Nov 18 j 08:37:34 ● New -5154 Mar 27 j 20:00:17 **①** -5153 Aug 04 j 12:41:20 ○ Full -5157 Jul 20 i 02:22:17 ○ Full -5156 Nov 25 j 21:49:04 **●** -5154 Apr 04 j 09:12:42 ● New -5153 Aug 11 j 12:46:44 ① -5157 Jul 28 j 03:56:55 **①** -5156 Dec 03 j 21:49:17 ○ Full -5154 Apr 12 j 13:02:57 **●** -5153 Aug 19 j 18:11:45 ● New -5157 Aug 03 j 20:29:28 ● New -5156 Dec 10 j 23:28:27 • -5154 Apr 19 j 12:28:27 ○ Full -5153 Aug 27 j 07:11:55 **●** -5157 Aug 10 j 17:02:25 **●** -5156 Dec 17 j 21:21:14 ● New -5154 Apr 26 j 03:13:03 **①** -5153 Sep 02 i 23:23:33 ○ Full -5157 Aug 18 j 20:40:22 ○ Full -5156 Dec 25 j 18:55:11 **●** -5154 May 03 j 23:26:44 ● New -5153 Sep 10 j 08:12:34 **①** -5157 Aug 26 j 15:44:28 **①** -5155 Jan 02 j 11:04:20 ○ Full -5154 May 12 j 01:38:53 **●** -5153 Sep 18 j 11:07:32 ● New -5157 Sep 02 j 06:52:43 ● New -5155 Jan 09 j 06:15:10 **①** -5154 May 18 j 18:59:15 ○ Full -5153 Sep 25 j 16:14:24 **●** -5157 Sep 09 j 10:20:26 € -5155 Jan 16 j 11:12:13 ● New -5154 May 25 j 13:09:37 **①** -5153 Oct 02 j 12:02:17 ○ Full -5157 Sep 17 j 15:16:20 ○ Full -5155 Jan 24 j 14:00:37 **●** -5154 Jun 02 j 14:44:18 ● New -5153 Oct 10 j 06:19:33 **●** -5157 Sep 25 j 01:39:27 **●** -5154 Jun 10 j 11:48:38 **●** -5155 Jan 31 j 21:37:39 ○ Full -5153 Oct 18 j 02:30:21 ● New -5157 Oct 01 j 19:02:06 ● New -5155 Feb 07 j 12:48:32 **●** -5154 Jun 17 j 02:18:29 ○ Full -5153 Oct 25 j 00:40:29 **●** -5157 Oct 09 j 06:59:05 **●** -5155 Feb 15 j 02:01:09 ● New -5154 Jun 24 j 02:29:36 **●** -5153 Nov 01 j 02:54:26 ○ Full -5157 Oct 17 j 08:27:59 ○ Full -5155 Feb 23 j 05:59:17 **●** -5154 Jul 02 j 06:39:23 ● New -5153 Nov 09 j 04:35:21 **●** -5157 Oct 24 j 10:19:18 **①** -5154 Jul 09 j 20:05:34 **●** -5155 Mar 02 j 05:57:24 ○ Full -5153 Nov 16 j 16:01:12 ● New -5157 Oct 31 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Attention, astronomical year style is used: The year -5152 in astronomical counting style is the year 5153 BCE in historical counting style. -5152 Aug 07 j 17:58:18 ● New -5151 Dec 15 j 12:45:53 • -5149 Apr 23 j 22:37:06 ○ Full -5148 Aug 30 j 05:15:06 **●** -5152 Aug 15 j 20:24:51 **●** -5151 Dec 23 j 14:44:43 ● New -5149 May 02 j 02:05:56 **①** -5148 Sep 07 j 10:06:17 ○ Full -5152 Aug 22 j 14:29:14 O Full -5151 Dec 30 j 17:17:59 **●** -5149 May 09 j 04:11:58 ● New -5148 Sep 15 j 01:26:36 **●** -5149 May 15 j 18:23:45 **●** -5152 Aug 29 j 09:08:49 **●** -5150 Jan 06 j 14:13:39 ○ Full -5148 Sep 21 j 17:13:06 ● New -5152 Sep 06 j 12:46:40 ● New -5150 Jan 14 j 08:51:24 **●** -5149 May 23 j 13:07:32 ○ Full -5148 Sep 29 j 00:21:51 **●** -5152 Sep 14 j 09:52:48 **●** -5150 Jan 22 j 03:32:13 ● New -5149 May 31 j 15:35:21 **①** -5148 Oct 07 j 04:23:18 O Full -5152 Sep 21 j 00:54:30 ○ Full -5150 Jan 28 j 23:30:42 **●** -5149 Jun 07 j 11:21:47 ● New -5148 Oct 14 j 10:46:39 **●** -5152 Sep 28 j 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-5151 Feb 01 j 13:52:06 ● New -5150 Jun 11 j 03:20:44 **①** -5149 Oct 18 j 20:28:59 ○ Full -5147 Feb 24 j 20:40:57 **●** -5151 Feb 08 i 04:26:43 **●** -5150 Jun 17 j 18:41:49 ● New -5147 Mar 03 j 12:49:47 ○ Full -5149 Oct 25 j 14:10:51 **①** -5151 Feb 15 i 23:08:59 ○ Full -5150 Jun 24 j 23:39:14 **●** -5149 Nov 01 j 22:53:25 ● New -5147 Mar 10 j 08:46:16 • -5151 Feb 24 j 02:03:32 **①** -5150 Jul 03 j 03:16:59 ○ Full -5149 Nov 10 j 02:52:33 **●** -5147 Mar 18 j 12:12:44 ● New -5151 Mar 02 j 21:12:22 ● New -5150 Jul 10 j 10:27:46 **●** -5149 Nov 17 j 08:56:10 ○ Full -5147 Mar 26 j 05:13:55 **●** -5151 Mar 09 j 14:10:43 **●** -5150 Jul 17 j 04:16:45 ● New -5149 Nov 23 j 23:44:46 **①** -5147 Apr 01 j 20:00:23 ○ Full -5151 Mar 17 j 14:24:21 O Full -5150 Jul 24 j 18:20:35 **●** -5149 Dec 01 j 16:54:00 ● New -5147 Apr 08 j 22:14:49 **●** -5151 Mar 25 j 12:51:00 **①** -5150 Aug 01 j 17:10:50 ○ Full -5149 Dec 09 j 21:28:07 **●** -5147 Apr 17 j 02:19:11 ● New -5151 Apr 01 j 03:47:37 ● New -5147 Apr 24 j 11:20:33 **●** -5150 Aug 08 j 17:25:15 **①** -5149 Dec 16 j 19:20:38 ○ Full -5151 Apr 08 j 01:59:40 **●** -5150 Aug 15 j 16:31:28 ● New -5149 Dec 23 j 11:11:53 **●** -5147 May 01 j 03:37:06 ○ Full -5151 Apr 16 j 05:08:37 ○ Full -5150 Aug 23 j 15:17:53 **●** -5149 Dec 31 j 10:57:18 ● New -5147 May 08 j 14:01:39 **①** -5151 Apr 23 j 20:29:05 **●** -5150 Aug 31 j 06:17:33 ○ Full -5148 Jan 08 j 12:00:58 **●** -5147 May 16 j 14:36:05 ● New -5151 Apr 30 j 10:49:03 ● New -5150 Sep 07 j 01:09:03 **●** -5148 Jan 15 j 04:13:00 ○ Full -5147 May 23 j 16:18:54 **●** -5151 May 07 j 16:08:28 **●** -5150 Sep 14 j 08:00:33 ● New -5148 Jan 22 j 00:34:03 **●** -5147 May 30 j 12:42:25 ○ Full -5151 May 15 j 18:59:34 ○ Full -5150 Sep 22 j 12:27:35 **●** -5148 Jan 30 j 03:58:01 ● New -5147 Jun 07 j 07:42:33 **●** -5151 May 23 j 02:05:59 **●** -5150 Sep 29 j 18:46:32 ○ Full -5148 Feb 06 j 22:16:01 **●** -5147 Jun 15 j 01:27:48 ● New -5151 May 29 j 19:18:05 ● New -5150 Oct 06 j 10:33:15 **●** -5148 Feb 13 j 12:22:12 O Full -5147 Jun 21 j 21:27:46 **●** -5151 Jun 06 j 08:39:36 **●** -5147 Jun 29 j 00:21:59 ○ Full -5150 Oct 14 j 02:26:08 ● New -5148 Feb 20 j 15:30:14 **①** -5151 Jun 14 j 07:39:53 ○ Full -5150 Oct 22 j 07:45:35 **●** -5148 Feb 28 j 19:07:45 ● New -5147 Jul 07 j 02:16:53 **●** -5151 Jun 21 j 07:08:09 **①** -5150 Oct 29 j 06:33:12 ○ Full -5148 Mar 07 j 04:58:41 **●** -5147 Jul 14 j 11:40:23 ● New -5151 Jun 28 j 06:02:28 ● New -5150 Nov 04 j 22:21:54 **●** -5148 Mar 13 j 20:40:33 ○ Full -5147 Jul 21 j 04:04:35 **●** -5151 Jul 06 i 03:11:39 **●** -5150 Nov 12 j 22:18:35 ● New -5148 Mar 21 i 07:34:16 **①** -5147 Jul 28 i 15:20:50 ○ Full -5151 Jul 13 j 19:10:10 ○ Full -5150 Nov 20 j 23:48:58 **●** -5148 Mar 29 i 07:59:31 ● New -5147 Aug 05 j 20:27:00 • -5151 Jul 20 j 13:05:46 • -5150 Nov 27 i 17:23:47 O Full -5148 Apr 05 j 09:32:48 **●** -5147 Aug 12 j 21:56:14 ● New -5151 Jul 27 j 19:34:59 ● New -5150 Dec 04 i 12:53:10 **①** -5148 Apr 12 j 05:55:34 ○ Full -5147 Aug 19 j 13:22:28 **●** -5151 Aug 04 j 22:43:34 **●** -5150 Dec 12 j 17:30:15 ● New -5148 Apr 20 j 00:21:50 • -5147 Aug 27 j 09:28:24 O Full -5151 Aug 12 i 05:54:55 ○ Full -5150 Dec 20 j 12:06:08 **●** -5148 Apr 27 j 18:35:04 ● New -5147 Sep 04 j 13:04:36 **●** -5151 Aug 18 j 21:18:18 **①** -5150 Dec 27 i 03:18:42 ○ Full -5148 May 04 j 13:37:15 **●** -5147 Sep 11 j 08:35:56 ● New -5151 Aug 26 j 12:07:07 ● New -5149 Jan 03 j 05:43:58 **●** -5148 May 11 j 16:48:03 ○ Full -5147 Sep 18 j 02:18:34 **●** -5151 Sep 03 j 17:37:13 **●** -5149 Jan 11 j 10:22:03 ● New -5148 May 19 j 17:23:15 **①** -5147 Sep 26 j 05:20:19 ○ Full -5151 Sep 10 j 16:31:23 ○ Full -5149 Jan 18 j 20:50:19 **●** -5148 May 27 j 03:28:14 ● New -5147 Oct 04 j 03:24:10 **●** -5149 Jan 25 j 12:47:25 ○ Full -5148 Jun 02 j 18:49:44 **●** -5147 Oct 10 j 19:39:33 ● New -5151 Sep 17 j 08:38:50 **①** -5148 Jun 10 j 05:51:32 ○ Full -5151 Sep 25 j 07:10:57 ● New -5149 Feb 01 j 23:50:32 **●** -5147 Oct 17 j 19:10:03 **●** -5151 Oct 03 j 10:12:47 **●** -5149 Feb 10 j 00:17:22 ● New -5148 Jun 18 j 09:55:29 **●** -5147 Oct 26 j 00:51:00 ○ Full -5151 Oct 10 j 03:27:57 ○ Full -5149 Feb 17 j 02:51:14 **●** -5148 Jun 25 j 11:37:07 ● New -5147 Nov 02 j 15:04:33 **●** -5151 Oct 16 j 23:22:49 **●** -5149 Feb 23 j 22:40:35 ○ Full -5148 Jul 02 j 02:34:55 **●** -5147 Nov 09 j 07:05:23 ● New -5151 Oct 25 j 03:20:33 ● New -5149 Mar 03 j 17:53:11 **●** -5148 Jul 09 j 21:24:30 ○ Full -5147 Nov 16 j 15:07:15 **●** -5151 Nov 01 j 23:33:14 **●** -5149 Mar 11 j 11:28:39 ● New -5148 Jul 18 j 01:07:47 **①** -5147 Nov 24 j 18:17:45 ○ Full -5151 Nov 08 j 14:49:40 ○ Full -5149 Mar 18 j 07:25:20 **●** -5148 Jul 24 j 20:07:16 ● New -5147 Dec 02 j 00:11:42 **●** -5151 Nov 15 j 17:05:38 **①** -5149 Mar 25 j 09:47:45 ○ Full -5148 Jul 31 j 13:54:05 **●** -5147 Dec 08 j 19:06:06 ● New -5151 Nov 23 j 22:28:04 ● New -5149 Apr 02 j 10:48:56 **●** -5148 Aug 08 j 15:11:36 ○ Full -5147 Dec 16 j 12:14:46 **●** -5149 Apr 09 j 20:31:45 ● New -5147 Dec 24 j 08:54:09 ○ Full -5151 Dec 01 j 09:40:06 **●** -5148 Aug 16 j 14:21:16 **①** -5151 Dec 08 j 02:25:58 ○ Full -5149 Apr 16 j 12:04:24 **●** -5148 Aug 23 j 05:51:11 ● New -5147 Dec 31 j 07:21:59 •

Attention, astronomical year style is used: The year -5146 in astronomical counting style is the year 5147 BCE in historical counting style. -5146 Jan 07 j 08:03:09 ● New -5144 Sep 22 j 09:52:02 O Full -5142 Jan 30 j 04:17:38 **●** -5145 May 16 j 11:23:43 • -5144 Sep 29 j 23:02:26 **●** -5146 Jan 15 j 08:19:31 **●** -5145 May 24 j 10:14:30 ● New -5142 Feb 06 j 18:56:05 ○ Full -5146 Jan 22 j 20:38:36 ○ Full -5145 Jun 01 j 10:40:44 **●** -5144 Oct 07 j 23:20:53 ● New -5142 Feb 14 j 22:45:55 **①** -5146 Jan 29 j 13:37:44 **①** -5145 Jun 08 j 02:22:36 ○ Full -5144 Oct 15 j 01:11:29 **●** -5142 Feb 21 j 21:36:35 ● New -5146 Feb 05 j 22:05:19 ● New -5145 Jun 14 j 22:55:57 **●** -5144 Oct 21 j 23:32:41 O Full -5142 Feb 28 j 12:48:48 **●** -5146 Feb 14 j 01:48:39 **●** -5145 Jun 23 j 02:07:51 ● New -5144 Oct 29 j 21:33:46 • -5142 Mar 08 j 10:05:56 ○ Full -5146 Feb 21 j 05:53:29 ○ Full -5145 Jun 30 j 20:09:04 **●** -5144 Nov 06 j 13:54:07 ● New -5142 Mar 16 j 11:26:25 **①** -5146 Feb 27 j 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09:57:41 ○ Full -5143 Jan 11 j 03:54:51 **●** -5142 May 20 j 18:33:25 ● New -5146 May 05 j 18:40:44 ● New -5145 Sep 12 j 06:21:00 **●** -5143 Jan 19 j 02:00:37 ○ Full -5142 May 28 j 03:19:29 **●** -5146 May 13 j 12:04:49 **●** -5145 Sep 20 j 00:18:43 ● New -5143 Jan 27 j 03:15:44 **①** -5142 Jun 05 j 05:00:33 ○ Full -5146 May 20 j 02:25:29 ○ Full -5145 Sep 26 j 19:42:19 **●** -5143 Feb 02 j 21:14:24 ● New -5142 Jun 12 j 08:40:00 • -5146 May 27 j 05:15:06 **①** -5145 Oct 04 i 01:23:47 ○ Full -5143 Feb 09 i 15:29:12 **●** -5142 Jun 19 j 04:08:02 ● New -5146 Jun 04 j 08:50:28 ● New -5145 Oct 12 j 04:24:30 • -5143 Feb 17 i 18:25:45 ○ Full -5142 Jun 26 j 21:03:28 **●** -5146 Jun 11 j 18:55:51 **●** -5145 Oct 19 j 13:02:35 ● New -5143 Feb 25 i 13:36:47 **①** -5142 Jul 04 i 17:22:58 ○ Full -5146 Jun 18 i 10:36:29 ○ Full -5145 Oct 26 i 05:10:09 **●** -5143 Mar 04 j 04:33:56 ● New -5142 Jul 11 j 14:10:04 • -5146 Jun 25 j 22:13:30 **①** -5145 Nov 02 j 19:00:47 ○ Full -5143 Mar 11 i 05:06:50 **●** -5142 Jul 18 j 16:18:56 ● New -5146 Jul 03 j 22:24:49 ● New -5145 Nov 11 j 00:33:50 **①** -5143 Mar 19 j 09:00:51 ○ Full -5142 Jul 26 j 16:31:59 **●** -5146 Jul 11 j 00:55:18 **●** -5142 Aug 03 i 04:45:21 O Full -5145 Nov 18 j 00:24:51 ● New -5143 Mar 26 j 20:47:06 **①** -5146 Jul 17 j 21:26:51 ○ Full -5145 Nov 24 j 16:29:22 **●** -5143 Apr 02 j 11:47:48 ● New -5142 Aug 09 j 21:14:32 • -5146 Jul 25 j 17:29:25 **①** -5145 Dec 02 j 13:55:46 ○ Full -5143 Apr 09 j 20:36:08 **●** -5142 Aug 17 j 07:28:14 ● New -5146 Aug 02 j 11:23:33 ● New -5145 Dec 10 j 16:54:45 **①** -5143 Apr 17 j 21:41:22 O Full -5142 Aug 25 j 12:18:27 ● -5146 Aug 09 j 07:17:34 **●** -5145 Dec 17 j 10:41:55 ● New -5143 Apr 25 j 01:50:35 **①** -5142 Sep 01 j 15:36:50 ○ Full -5146 Aug 16 j 11:35:03 ○ Full -5145 Dec 24 j 05:44:34 **●** -5143 May 01 j 20:11:10 ● New -5142 Sep 08 j 06:59:36 **●** -5146 Aug 24 j 13:49:53 **①** -5144 Jan 01 j 08:37:53 ○ Full -5143 May 09 j 13:24:28 **●** -5142 Sep 16 j 01:28:35 ● New -5146 Aug 31 j 23:41:46 ● New -5144 Jan 09 j 04:54:10 **●** -5142 Sep 24 j 06:31:43 **●** -5143 May 17 j 08:48:59 ○ Full -5146 Sep 07 j 15:23:58 **●** -5144 Jan 15 j 20:07:25 ● New -5143 May 24 j 06:09:05 **●** -5142 Oct 01 j 02:29:41 ○ Full -5146 Sep 15 j 04:48:19 ○ Full -5144 Jan 22 j 20:46:35 **●** -5143 May 31 j 06:50:39 ● New -5142 Oct 07 j 19:58:33 **●** -5146 Sep 23 j 09:40:51 **①** -5144 Jan 31 j 01:26:48 ○ Full -5143 Jun 08 j 06:51:12 **●** -5142 Oct 15 j 21:22:05 ● New -5146 Sep 30 j 11:14:46 ● New -5144 Feb 07 j 13:08:21 **●** -5143 Jun 15 j 18:53:55 ○ Full -5142 Oct 23 j 21:44:24 **●** -5146 Oct 07 j 02:21:37 **●** -5144 Feb 14 j 05:01:18 ● New -5143 Jun 22 j 11:16:40 **①** -5142 Oct 30 j 13:39:03 ○ Full -5146 Oct 15 j 00:01:44 ○ Full -5144 Feb 21 j 13:14:58 **●** -5143 Jun 29 j 20:24:17 ● New -5142 Nov 06 j 12:05:48 **①** -5146 Oct 23 j 03:20:52 **●** -5144 Feb 29 j 15:21:18 O Full -5143 Jul 08 j 00:14:59 **●** -5142 Nov 14 j 17:15:28 ● New -5146 Oct 29 j 22:07:18 ● New -5144 Mar 07 j 18:48:52 **①** -5143 Jul 15 j 04:26:43 ○ Full -5142 Nov 22 j 09:27:45 **●** -5142 Nov 29 j 00:59:49 ○ Full -5146 Nov 05 j 16:35:33 **●** -5144 Mar 14 j 14:01:09 ● New -5143 Jul 21 j 18:49:17 • -5144 Mar 22 j 06:32:27 **●** -5143 Jul 29 j 12:47:15 ● New -5146 Nov 13 j 19:41:14 ○ Full -5142 Dec 06 j 06:39:33 **●** -5146 Nov 21 j 17:31:10 **①** -5144 Mar 30 j 02:22:35 ○ Full -5143 Aug 06 j 16:50:14 **●** -5142 Dec 14 j 11:02:36 ● New -5146 Nov 28 j 08:36:15 ● New -5144 Apr 05 j 23:18:10 **●** -5143 Aug 13 j 13:58:28 ○ Full -5142 Dec 21 j 18:08:46 **●** -5146 Dec 05 i 09:33:53 **●** -5144 Apr 13 i 00:01:39 ● New -5143 Aug 20 j 06:05:12 **①** -5142 Dec 28 i 12:24:34 O Full -5146 Dec 13 j 14:11:30 ○ Full -5144 Apr 20 j 23:45:13 **●** -5143 Aug 28 j 07:12:39 ● New -5141 Jan 05 i 02:26:21 **①** -5146 Dec 21 i 03:48:56 • -5144 Apr 28 j 11:19:26 O Full -5143 Sep 05 j 07:44:55 **●** -5141 Jan 13 i 01:28:42 ● New -5146 Dec 27 j 19:05:05 ● New -5144 May 05 j 03:59:27 • -5143 Sep 12 j 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12:26:55 **●** -5144 Jul 10 j 19:14:04 ● New -5145 Mar 04 j 16:42:54 **●** -5143 Nov 17 j 13:55:27 **●** -5141 Mar 27 j 01:58:19 ○ Full -5145 Mar 12 j 05:09:30 ○ Full -5144 Jul 18 j 19:26:26 **●** -5143 Nov 25 j 13:30:43 ● New -5141 Apr 04 j 06:02:50 **●** -5145 Mar 18 j 21:00:46 **①** -5144 Jul 25 j 12:07:55 ○ Full -5143 Dec 02 j 14:02:59 **●** -5141 Apr 11 j 04:21:32 ● New -5145 Mar 26 j 05:50:37 ● New -5144 Aug 01 j 08:28:43 **①** -5143 Dec 09 j 13:15:10 ○ Full -5141 Apr 17 j 19:49:10 **●** -5145 Apr 03 j 08:58:35 **●** -5144 Aug 09 j 13:11:41 ● New -5143 Dec 17 j 11:05:17 **①** -5141 Apr 25 j 16:43:01 ○ Full -5145 Apr 10 j 12:50:44 ○ Full -5144 Aug 17 j 06:38:07 **●** -5143 Dec 25 j 03:05:01 ● New -5141 May 03 j 17:50:00 **●** -5145 Apr 17 j 03:02:35 **①** -5144 Aug 23 j 22:10:49 ○ Full -5143 Dec 31 j 21:01:53 **●** -5141 May 10 j 11:10:49 ● New -5145 Apr 24 j 19:24:21 ● New -5144 Aug 31 j 01:57:52 **①** -5142 Jan 08 j 03:51:56 ○ Full -5141 May 17 j 05:42:26 **●** -5141 May 25 j 08:10:01 ○ Full -5145 May 02 j 23:02:09 **●** -5144 Sep 08 j 06:55:50 ● New -5142 Jan 16 j 06:27:27 **●** -5141 Jun 02 j 03:14:33 **①** -5145 May 09 j 19:29:13 ○ Full -5144 Sep 15 j 16:25:42 **●** -5142 Jan 23 j 13:34:05 ● New

Attention, astronomical year style is used: The year -5141 in astronomical counting style is the year 5142 BCE in historical counting style. -5141 Jun 08 j 18:31:05 ● New -5140 Oct 15 j 14:38:11 • -5138 Feb 22 j 13:02:02 O Full -5137 Jul 02 j 02:09:00 **●** -5141 Jun 15 j 19:01:43 **●** -5140 Oct 22 j 18:34:33 ● New -5137 Jul 08 j 19:36:17 ○ Full -5138 Mar 01 j 06:28:01 **①** -5141 Jun 23 j 23:32:03 ○ Full -5140 Oct 30 j 20:26:12 **●** -5138 Mar 09 j 07:47:28 ● New -5137 Jul 16 j 11:09:11 **①** -5141 Jul 01 j 11:05:49 **①** -5137 Jul 24 j 08:57:22 ● New -5140 Nov 07 j 07:25:50 ○ Full -5138 Mar 17 j 05:00:39 **●** -5141 Jul 08 j 03:12:57 ● New -5140 Nov 13 j 23:19:35 **●** -5138 Mar 23 j 20:11:32 ○ Full -5137 Jul 31 j 08:23:15 **●** -5141 Jul 15 j 12:08:12 **●** -5140 Nov 21 j 11:53:36 ● New -5138 Mar 30 j 18:31:50 **①** -5137 Aug 07 j 08:10:14 ○ Full -5141 Jul 23 j 14:12:29 ○ Full -5140 Nov 29 j 16:36:24 **●** -5138 Apr 07 j 22:44:25 ● New -5137 Aug 15 j 07:23:13 **①** -5141 Jul 30 j 18:17:08 **①** -5140 Dec 06 j 18:45:05 ○ Full -5138 Apr 15 j 12:17:37 **●** -5137 Aug 22 j 21:55:32 ● New -5141 Aug 06 j 14:08:29 ● New -5140 Dec 13 j 09:31:23 **●** -5138 Apr 22 j 03:23:13 ○ Full -5137 Aug 29 j 15:35:42 **●** -5141 Aug 14 j 08:21:42 **●** -5140 Dec 21 j 05:49:08 ● New -5138 Apr 29 j 09:00:16 **①** -5137 Sep 06 j 00:00:37 ○ Full -5141 Aug 22 j 04:00:46 ○ Full -5140 Dec 29 j 09:14:19 **●** -5138 May 07 j 12:03:31 ● New -5137 Sep 14 j 03:57:52 **●** -5141 Aug 29 j 01:41:32 **①** -5139 Jan 05 j 04:07:58 ○ Full -5138 May 14 j 17:49:10 **●** -5137 Sep 21 j 10:04:02 ● New -5141 Sep 05 j 04:02:44 ● New -5139 Jan 11 j 21:35:03 **●** -5138 May 21 j 11:34:50 ○ Full -5137 Sep 28 j 01:01:54 **●** -5141 Sep 13 j 05:55:26 **●** -5139 Jan 19 j 23:13:58 ● New -5138 May 29 j 01:50:42 **①** -5137 Oct 05 j 18:25:00 ○ Full -5141 Sep 20 j 17:02:34 ○ Full -5139 Jan 27 j 21:33:47 **●** -5138 Jun 05 j 23:47:45 ● New -5137 Oct 13 j 23:07:55 **●** -5141 Sep 27 j 10:12:01 **●** -5139 Feb 03 j 12:19:16 ○ Full -5138 Jun 12 j 22:52:27 **●** -5137 Oct 20 j 21:19:23 ● New -5141 Oct 04 j 21:06:26 ● New -5139 Feb 10 j 11:23:56 **●** -5138 Jun 19 j 21:52:11 ○ Full -5137 Oct 27 j 13:29:50 **●** -5141 Oct 13 j 02:34:06 **●** -5139 Feb 18 j 15:14:56 ● New -5138 Jun 27 j 20:19:50 **①** -5137 Nov 04 j 13:59:47 ○ Full -5141 Oct 20 j 05:18:11 O Full -5139 Feb 26 i 05:53:08 **●** -5138 Jul 05 j 10:31:48 ● New -5137 Nov 12 j 15:15:53 **①** -5141 Oct 26 j 20:37:52 • -5139 Mar 04 j 20:13:54 ○ Full -5138 Jul 12 j 04:44:03 **●** -5137 Nov 19 j 07:52:27 ● New -5141 Nov 03 j 16:24:46 ● New -5139 Mar 12 j 02:38:24 **①** -5138 Jul 19 j 11:14:02 ○ Full -5137 Nov 26 j 04:56:33 **●** -5141 Nov 11 j 20:28:01 **●** -5139 Mar 20 i 05:15:39 ● New -5138 Jul 27 j 15:11:41 **①** -5137 Dec 04 i 09:08:41 O Full -5141 Nov 18 i 16:35:15 ○ Full -5139 Mar 27 i 11:20:12 **●** -5138 Aug 03 j 20:59:24 ● New -5137 Dec 12 i 03:28:13 • -5141 Nov 25 i 09:32:37 **①** -5139 Apr 03 j 04:44:36 ○ Full -5138 Aug 10 j 12:38:22 **●** -5137 Dec 18 j 18:06:01 ● New -5141 Dec 03 j 12:03:08 ● New -5139 Apr 10 j 18:58:03 **①** -5138 Aug 18 j 04:00:47 ○ Full -5137 Dec 25 j 22:29:37 ● -5141 Dec 11 j 10:40:03 **●** -5139 Apr 18 j 17:02:24 ● New -5136 Jan 03 j 02:26:00 ○ Full -5138 Aug 26 j 09:04:36 **①** -5141 Dec 18 j 02:45:43 O Full -5136 Jan 10 j 11:56:33 **①** -5139 Apr 25 j 15:28:19 **●** -5138 Sep 02 j 07:39:43 ● New -5141 Dec 25 j 00:57:40 **①** -5138 Sep 08 j 23:41:10 **●** -5139 May 02 j 14:37:20 ○ Full -5136 Jan 17 j 04:26:23 ● New -5140 Jan 02 j 06:03:59 ● New -5139 May 10 j 11:59:35 **①** -5138 Sep 16 j 23:22:23 O Full -5136 Jan 24 j 16:55:36 **●** -5140 Jan 09 j 21:03:36 **●** -5138 Sep 25 j 00:55:12 **●** -5139 May 18 j 02:51:24 ● New -5136 Feb 01 j 16:53:14 O Full -5140 Jan 16 j 12:07:06 ○ Full -5139 May 24 j 19:57:01 **●** -5138 Oct 01 j 18:38:22 ● New -5136 Feb 08 j 17:46:20 **●** -5140 Jan 23 j 18:13:23 **●** -5139 Jun 01 j 02:30:52 ○ Full -5138 Oct 08 j 14:31:43 **●** -5136 Feb 15 j 15:16:41 ● New -5140 Jan 31 j 21:21:34 ● New -5139 Jun 09 j 05:06:33 **●** -5136 Feb 23 j 11:07:49 **●** -5138 Oct 16 j 19:23:59 ○ Full -5139 Jun 16 j 11:27:54 ● New -5140 Feb 08 j 04:12:57 **●** -5138 Oct 24 j 14:06:23 **●** -5136 Mar 02 j 04:13:17 ○ Full -5140 Feb 14 j 21:24:47 ○ Full -5139 Jun 23 j 02:18:45 **●** -5138 Oct 31 j 05:50:01 ● New -5136 Mar 08 j 22:28:43 **●** -5140 Feb 22 j 12:10:19 **●** -5139 Jun 30 j 16:53:31 ○ Full -5138 Nov 07 j 08:55:42 **●** -5136 Mar 16 j 02:56:24 ● New -5140 Mar 01 j 09:48:27 ● New -5139 Jul 08 j 21:26:44 **●** -5138 Nov 15 j 14:02:36 ○ Full -5136 Mar 24 j 04:14:06 **●** -5140 Mar 08 j 09:13:42 **●** -5139 Jul 15 j 19:54:00 ● New -5138 Nov 23 j 00:28:49 **●** -5136 Mar 31 j 12:54:12 ○ Full -5140 Mar 15 j 07:34:42 ○ Full -5139 Jul 22 j 11:47:38 **●** -5138 Nov 29 j 17:19:36 ● New -5136 Apr 07 j 03:36:53 **●** -5140 Mar 23 j 05:38:26 **●** -5139 Jul 30 j 09:49:06 ○ Full -5138 Dec 07 j 05:29:24 **●** -5136 Apr 14 j 15:44:02 ● New -5140 Mar 30 j 19:51:48 ● New -5139 Aug 07 j 12:06:46 **①** -5138 Dec 15 j 06:03:09 ○ Full -5136 Apr 22 j 19:33:53 **●** -5140 Apr 06 j 13:32:16 **●** -5139 Aug 14 j 05:08:41 ● New -5136 Apr 29 j 19:57:51 ○ Full -5138 Dec 22 j 08:24:31 **①** -5140 Apr 13 j 19:20:44 ○ Full -5139 Aug 21 j 01:08:44 **●** -5138 Dec 29 j 05:28:29 ● New -5136 May 06 j 10:32:38 **①** -5139 Aug 29 j 04:35:15 ○ Full -5140 Apr 21 j 21:51:29 • -5137 Jan 06 j 02:05:13 **●** -5136 May 14 j 05:54:39 ● New -5140 Apr 29 j 04:12:41 ● New -5139 Sep 06 j 00:35:23 **●** -5137 Jan 13 j 19:05:55 ○ Full -5136 May 22 j 08:40:46 **●** -5140 May 05 i 18:44:33 **●** -5139 Sep 12 i 15:48:27 ● New -5137 Jan 20 j 14:46:05 **①** -5136 May 29 i 02:41:02 O Full -5140 May 13 i 08:59:14 ○ Full -5139 Sep 19 i 18:27:54 **●** -5137 Jan 27 j 18:38:10 ● New -5136 Jun 04 j 20:19:52 **①** -5140 May 21 i 12:29:16 • -5139 Sep 27 j 23:37:25 ○ Full -5137 Feb 04 i 20:49:46 **●** -5136 Jun 12 j 21:28:08 ● New -5140 May 28 j 11:39:07 ● New -5139 Oct 05 j 10:55:58 • -5137 Feb 12 i 05:25:14 O Full -5136 Jun 20 j 19:31:16 **●** -5140 Jun 04 j 02:23:49 **●** -5139 Oct 12 j 03:59:33 ● New -5137 Feb 18 j 20:47:00 • -5136 Jun 27 j 10:17:15 O Full -5140 Jun 12 i 00:17:49 ○ Full -5139 Oct 19 j 15:00:56 € -5137 Feb 26 i 08:49:37 ● New -5136 Jul 04 j 09:40:51 **①** -5140 Jun 20 j 01:25:21 **①** -5139 Oct 27 j 17:04:50 ○ Full -5136 Jul 12 j 13:55:33 ● New -5137 Mar 06 j 12:42:43 **●** -5140 Jun 26 j 19:06:04 ● New -5139 Nov 03 j 19:41:48 **①** -5137 Mar 13 j 13:33:51 ○ Full -5136 Jul 20 j 04:29:37 **●** -5140 Jul 03 j 13:44:23 **●** -5139 Nov 10 j 17:29:18 ● New -5137 Mar 20 j 03:47:16 **①** -5136 Jul 26 j 19:42:34 ○ Full -5140 Jul 11 j 16:45:28 ○ Full -5139 Nov 18 j 13:05:57 **●** -5137 Mar 27 j 23:39:12 ● New -5136 Aug 03 j 02:49:36 **●** -5140 Jul 19 j 12:37:55 **●** -5139 Nov 26 j 07:47:01 ○ Full -5136 Aug 11 j 06:19:34 ● New -5137 Apr 05 j 01:33:23 **●** -5140 Jul 26 j 03:34:01 ● New -5139 Dec 03 j 03:40:44 **●** -5137 Apr 11 j 20:19:38 ○ Full -5136 Aug 18 j 12:23:32 **●** -5140 Aug 02 j 05:19:24 **●** -5139 Dec 10 j 08:05:16 ● New -5137 Apr 18 j 12:59:12 **●** -5136 Aug 25 j 07:28:03 ○ Full -5140 Aug 10 j 09:42:30 ○ Full -5139 Dec 18 j 10:20:19 **●** -5137 Apr 26 j 14:34:09 ● New -5136 Sep 01 j 23:16:10 **●** -5140 Aug 17 j 22:13:08 **①** -5139 Dec 25 j 19:36:07 ○ Full -5137 May 04 j 11:39:51 **●** -5136 Sep 09 j 21:39:07 ● New -5140 Aug 24 j 14:00:15 ● New -5138 Jan 01 j 11:40:28 **●** -5137 May 11 j 02:45:44 ○ Full -5136 Sep 16 j 20:12:49 **●** -5140 Sep 01 j 00:41:52 **●** -5138 Jan 08 j 23:38:25 ● New -5137 May 18 j 01:13:19 **①** -5136 Sep 23 j 21:41:26 ○ Full -5140 Sep 09 j 02:22:20 ○ Full -5138 Jan 17 j 04:34:28 **●** -5137 May 26 j 05:10:56 ● New -5136 Oct 01 j 21:27:46 **●** -5140 Sep 16 j 06:36:39 **●** -5138 Jan 24 j 05:05:43 ○ Full -5137 Jun 02 j 19:35:51 **●** -5136 Oct 09 j 11:20:15 ● New -5140 Sep 23 j 03:01:23 ● New -5138 Jan 30 j 20:23:11 **●** -5137 Jun 09 j 10:06:28 ○ Full -5136 Oct 16 j 04:53:58 **●** -5140 Sep 30 j 22:25:13 **●** -5138 Feb 07 j 15:47:22 ● New -5136 Oct 23 j 14:12:09 ○ Full -5137 Jun 16 j 16:45:09 • -5138 Feb 15 j 18:44:45 **●** -5136 Oct 31 j 18:57:38 **①** -5140 Oct 08 j 17:52:08 ○ Full -5137 Jun 24 j 19:19:58 ● New

Attention, astronomical year style is used: The year -5136 in astronomical counting style is the year 5137 BCE in historical counting style. -5136 Nov 07 j 23:23:16 ● New -5134 Mar 17 j 21:18:45 • -5133 Jul 25 j 03:11:53 ○ Full -5132 Dec 01 j 08:15:13 **●** -5136 Nov 14 j 15:05:50 **●** -5134 Mar 24 j 11:50:52 ● New -5133 Jul 31 j 21:47:30 **①** -5132 Dec 08 i 02:11:48 ○ Full -5136 Nov 22 j 08:26:18 ○ Full -5134 Mar 31 j 15:50:21 **●** -5133 Aug 08 j 03:29:01 ● New -5132 Dec 14 j 21:01:38 • -5136 Nov 30 j 13:23:15 **①** -5133 Aug 16 j 06:17:30 **●** -5134 Apr 08 j 18:53:40 ○ Full -5132 Dec 23 j 01:10:57 ● New -5136 Dec 07 j 10:05:00 ● New -5134 Apr 16 j 03:21:12 **①** -5133 Aug 23 j 14:31:32 ○ Full -5132 Dec 30 j 20:29:41 **●** -5136 Dec 14 j 03:04:53 **●** -5134 Apr 22 j 19:23:42 ● New -5133 Aug 30 j 06:11:13 **①** -5131 Jan 06 j 11:40:34 ○ Full -5136 Dec 22 j 03:14:15 ○ Full -5134 Apr 30 j 07:57:25 **●** -5133 Sep 06 j 20:12:26 ● New -5131 Jan 13 j 13:06:27 **●** -5136 Dec 30 j 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03:41:25 ○ Full -5133 Nov 13 j 08:27:59 **●** -5131 Mar 21 j 18:40:58 ● New -5135 Mar 05 j 13:10:58 ● New -5134 Jul 12 j 18:48:08 **①** -5133 Nov 19 j 23:46:26 ○ Full -5131 Mar 28 j 15:18:38 **●** -5135 Mar 13 j 00:59:48 **●** -5134 Jul 20 j 08:00:26 ● New -5133 Nov 27 j 01:09:48 **①** -5131 Apr 04 j 16:39:45 ○ Full -5135 Mar 21 i 00:41:38 ○ Full -5134 Jul 28 j 12:29:30 **●** -5133 Dec 05 j 06:32:38 ● New -5131 Apr 12 j 17:02:10 • -5135 Mar 28 j 01:03:41 **①** -5134 Aug 04 j 13:25:47 ○ Full -5133 Dec 12 j 18:33:25 **●** -5131 Apr 20 j 03:51:16 ● New -5135 Apr 03 j 22:21:57 ● New -5134 Aug 11 j 04:08:39 **①** -5133 Dec 19 i 10:56:05 ○ Full -5131 Apr 26 j 19:46:35 **●** -5135 Apr 11 i 18:16:25 **●** -5134 Aug 19 i 01:42:37 ● New -5133 Dec 26 j 20:11:47 **①** -5131 May 04 i 05:15:02 ○ Full -5135 Apr 19 j 10:37:33 ○ Full -5134 Aug 27 j 04:44:04 **●** -5132 Jan 03 j 22:38:16 ● New -5131 May 12 j 08:38:26 • -5135 Apr 26 j 05:26:33 **①** -5134 Sep 02 i 23:21:32 ○ Full -5132 Jan 11 j 01:57:42 **●** -5131 May 19 j 11:46:09 ● New -5135 May 03 j 09:07:33 ● New -5134 Sep 09 j 17:33:13 **①** -5132 Jan 17 j 22:07:25 ○ Full -5131 May 26 j 01:57:25 **●** -5135 May 11 j 11:11:48 ● -5134 Sep 17 j 20:52:40 ● New -5131 Jun 02 j 19:48:05 ○ Full -5132 Jan 25 j 15:42:37 **①** -5135 May 18 j 19:05:52 ○ Full -5131 Jun 10 j 22:44:04 **①** -5134 Sep 25 j 18:48:19 **●** -5132 Feb 02 j 11:14:33 ● New -5131 Jun 17 j 19:15:53 ● New -5135 May 25 j 10:43:23 **①** -5134 Oct 02 j 09:58:20 ○ Full -5132 Feb 09 j 07:48:25 **●** -5135 Jun 01 j 22:18:26 ● New -5134 Oct 09 j 10:58:51 **①** -5132 Feb 16 j 09:45:09 ○ Full -5131 Jun 24 j 11:18:42 **●** -5135 Jun 10 j 02:56:31 **●** -5134 Oct 17 j 16:04:34 ● New -5132 Feb 24 j 10:09:56 **①** -5131 Jul 02 j 11:55:54 ○ Full -5135 Jun 17 j 03:11:11 ○ Full -5134 Oct 25 j 06:08:00 **●** -5132 Mar 02 j 20:53:07 ● New -5131 Jul 10 j 11:11:08 **①** -5135 Jun 23 j 18:15:42 **①** -5134 Oct 31 j 21:39:34 O Full -5132 Mar 09 j 13:17:36 **●** -5131 Jul 17 j 03:16:57 ● New -5135 Jul 01 j 14:07:53 ● New -5131 Jul 24 j 00:47:52 **●** -5134 Nov 08 j 07:13:56 **●** -5132 Mar 16 j 22:24:13 ○ Full -5135 Jul 09 j 17:03:11 **●** -5134 Nov 16 j 09:48:40 ● New -5132 Mar 25 j 02:19:46 **●** -5131 Aug 01 j 04:59:59 ○ Full -5135 Jul 16 j 11:44:29 ○ Full -5134 Nov 23 j 14:54:29 **●** -5132 Apr 01 j 04:37:06 ● New -5131 Aug 08 j 21:55:19 **●** -5135 Jul 23 j 05:17:54 **①** -5134 Nov 30 j 10:32:52 ○ Full -5132 Apr 07 j 19:36:56 **●** -5131 Aug 15 j 12:47:24 ● New -5135 Jul 31 j 07:53:46 ● New -5134 Dec 08 j 04:25:48 **●** -5132 Apr 15 j 12:25:45 ○ Full -5131 Aug 22 j 18:28:40 **●** -5135 Aug 08 j 05:26:19 **●** -5134 Dec 16 j 00:52:33 ● New -5132 Apr 23 j 15:41:22 **①** -5131 Aug 30 j 22:12:45 ○ Full -5135 Aug 14 j 21:18:21 O Full -5134 Dec 22 j 22:02:15 **●** -5132 Apr 30 j 11:32:21 ● New -5131 Sep 07 j 07:06:10 **●** -5135 Aug 21 j 20:38:59 **①** -5134 Dec 30 j 00:26:52 ○ Full -5132 May 07 j 03:57:12 **●** -5131 Sep 14 j 00:33:47 ● New -5135 Aug 30 j 02:11:32 ● New -5133 Jan 07 j 00:41:12 **●** -5132 May 15 j 03:38:27 ○ Full -5131 Sep 21 j 15:20:08 **●** -5131 Sep 29 j 14:38:33 ○ Full -5135 Sep 06 j 16:12:41 **●** -5133 Jan 14 j 12:45:01 ● New -5132 May 23 j 02:27:35 **①** -5135 Sep 13 j 08:14:22 ○ Full -5133 Jan 21 j 04:45:25 **●** -5132 May 29 j 18:36:00 ● New -5131 Oct 06 j 15:18:27 **●** -5135 Sep 20 j 16:09:47 • -5133 Jan 28 j 14:59:47 ○ Full -5132 Jun 05 j 15:23:25 **●** -5131 Oct 13 j 14:52:10 ● New -5135 Sep 28 j 19:36:22 ● New -5133 Feb 05 j 18:30:59 **●** -5132 Jun 13 j 19:20:25 ○ Full -5131 Oct 21 j 13:31:02 **●** -5135 Oct 06 i 01:36:23 € -5133 Feb 12 i 21:45:39 ● New -5132 Jun 21 j 11:17:46 ① -5131 Oct 29 i 05:21:32 O Full -5135 Oct 12 i 20:52:26 ○ Full -5133 Feb 19 i 12:13:41 **●** -5132 Jun 28 i 02:38:05 ● New -5131 Nov 04 j 23:29:14 **①** -5135 Oct 20 j 14:17:09 • -5133 Feb 27 i 05:51:57 ○ Full -5132 Jul 05 i 06:38:44 **●** -5131 Nov 12 j 07:16:15 ● New -5135 Oct 28 j 11:15:31 ● New -5133 Mar 07 j 09:01:28 **①** -5132 Jul 13 i 10:43:00 ○ Full -5131 Nov 20 j 10:50:47 **●** -5135 Nov 04 j 10:03:14 **●** -5132 Jul 20 j 19:00:34 **①** -5133 Mar 14 j 04:52:06 ● New -5131 Nov 27 j 17:46:19 ○ Full -5132 Jul 27 j 12:27:52 ● New -5135 Nov 11 j 11:27:13 ○ Full -5133 Mar 20 j 21:20:03 **●** -5131 Dec 04 j 08:38:15 • -5135 Nov 19 j 12:27:17 **①** -5133 Mar 28 j 20:49:07 ○ Full -5132 Aug 04 j 01:36:22 **●** -5131 Dec 12 j 00:47:12 ● New -5135 Nov 27 j 00:46:55 ● New -5133 Apr 05 j 20:01:09 **●** -5132 Aug 12 j 01:17:02 ○ Full -5131 Dec 20 j 05:21:46 **●** -5135 Dec 03 j 18:14:47 **●** -5133 Apr 12 j 11:18:22 ● New -5132 Aug 19 j 02:25:36 **●** -5131 Dec 27 j 03:54:52 ○ Full -5135 Dec 11 j 03:47:31 ○ Full -5132 Aug 26 j 00:53:40 ● New -5130 Jan 02 j 19:25:02 **●** -5133 Apr 19 j 08:40:00 **●** -5130 Jan 10 j 18:18:50 ● New -5135 Dec 19 j 08:16:49 **①** -5133 Apr 27 j 11:35:17 ○ Full -5132 Sep 02 j 22:58:12 **●** -5130 Jan 18 j 19:49:34 **●** -5135 Dec 26 j 12:04:23 ● New -5133 May 05 j 04:00:38 **●** -5132 Sep 10 j 14:57:41 ○ Full -5134 Jan 02 j 03:02:57 **●** -5133 May 11 j 18:17:15 ● New -5132 Sep 17 j 10:22:55 **①** -5130 Jan 25 j 12:23:35 ○ Full -5134 Jan 09 j 21:00:59 ○ Full -5133 May 18 j 22:35:12 **●** -5132 Sep 24 j 16:25:42 ● New -5130 Feb 01 j 07:59:56 **●** -5134 Jan 18 j 00:25:40 **●** -5133 May 27 j 01:47:30 ○ Full -5132 Oct 02 j 20:31:56 **●** -5130 Feb 09 j 10:55:11 ● New -5134 Jan 24 j 21:16:03 ● New -5133 Jun 03 j 10:03:01 **●** -5132 Oct 10 j 03:46:42 ○ Full -5130 Feb 17 j 06:02:09 **●** -5134 Jan 31 j 13:17:07 **●** -5133 Jun 10 j 02:50:26 ● New -5132 Oct 16 j 19:42:55 **●** -5130 Feb 23 j 20:07:03 ○ Full -5134 Feb 08 j 13:51:08 ○ Full -5133 Jun 17 j 15:12:00 **●** -5132 Oct 24 j 10:43:38 ● New -5130 Mar 02 j 22:13:00 **●** -5134 Feb 16 j 12:37:41 **①** -5133 Jun 25 j 15:02:26 ○ Full -5132 Nov 01 j 16:06:02 **●** -5130 Mar 11 j 01:54:08 ● New -5134 Feb 23 j 04:52:46 ● New -5133 Jul 02 j 15:29:56 **●** -5132 Nov 08 j 15:35:37 ○ Full -5130 Mar 18 j 12:45:29 **●** -5134 Mar 02 j 01:30:29 **●** -5133 Jul 09 j 13:44:21 ● New -5130 Mar 25 j 04:02:28 ○ Full -5132 Nov 15 j 07:08:47 **①** -5134 Mar 10 j 05:16:25 ○ Full -5133 Jul 17 j 10:08:32 **●** -5132 Nov 23 j 06:19:23 ● New -5130 Apr 01 j 13:48:29 ①

Attention, astronomical year style is used: The year -5130 in astronomical counting style is the year 5131 BCE in historical counting style. -5130 Apr 09 j 14:50:23 ● New -5128 Dec 23 j 21:57:23 O Full -5129 Aug 17 j 04:14:11 **①** -5126 May 02 j 05:54:08 **●** -5130 Apr 16 j 17:22:27 **●** -5129 Aug 24 j 06:38:51 ● New -5128 Dec 31 j 12:23:06 **①** -5126 May 09 j 18:36:56 ○ Full -5130 Apr 23 j 13:01:09 ○ Full -5129 Aug 30 j 22:05:09 **●** -5127 Jan 07 j 03:20:48 ● New -5126 May 16 j 11:47:10 **●** -5129 Sep $\,$ 07 j 17:29:25 $\,$ $\,$ $\,$ Full -5130 May 01 j 06:29:07 **①** -5127 Jan 14 j 11:15:07 **●** -5126 May 23 j 18:47:25 ● New -5130 May 09 j 01:43:16 ● New -5129 Sep 15 j 21:31:39 **●** -5127 Jan 22 j 13:47:26 ○ Full -5126 May 31 j 22:32:50 **●** -5130 May 15 j 21:30:58 **●** -5129 Sep 22 j 17:38:30 ● New -5127 Jan 29 j 19:15:52 **①** -5126 Jun 08 j 02:58:18 ○ Full -5130 May 22 j 23:46:52 ○ Full -5129 Sep 29 j 10:57:04 **●** -5127 Feb 05 j 13:35:54 ● New -5126 Jun 14 j 18:02:53 **①** -5130 May 30 j 23:47:31 **①** -5129 Oct 07 j 13:32:36 ○ Full -5127 Feb 13 j 05:23:51 **●** -5126 Jun 22 j 09:23:29 ● New -5130 Jun 07 j 11:01:59 ● New -5129 Oct 15 j 12:18:37 **●** -5127 Feb 21 j 02:36:03 ○ Full -5126 Jun 30 j 13:52:08 **●** -5130 Jun 14 j 02:48:18 **●** -5129 Oct 22 j 04:45:22 ● New -5127 Feb 28 j 00:12:02 **①** -5126 Jul 07 j 11:26:10 ○ Full -5130 Jun 21 j 12:54:57 ○ Full -5129 Oct 29 j 03:31:02 **●** -5127 Mar 07 j 00:31:54 ● New -5126 Jul 14 j 03:13:57 **●** -5130 Jun 29 j 16:56:48 **①** -5129 Nov 06 j 09:07:12 ○ Full -5127 Mar 14 j 22:59:56 **●** -5126 Jul 22 j 02:31:02 ● New -5130 Jul 06 j 19:39:58 ● New -5129 Nov 14 j 00:09:25 **①** -5127 Mar 22 j 12:30:04 ○ Full -5126 Jul 30 j 03:30:55 **●** -5130 Jul 13 j 10:39:01 **●** -5129 Nov 20 j 15:56:22 ● New -5127 Mar 29 j 04:47:25 **①** -5126 Aug 05 j 20:39:35 ○ Full -5130 Jul 21 j 04:44:00 ○ Full -5129 Nov 27 j 22:58:53 **●** -5127 Apr 05 j 12:31:09 ● New -5126 Aug 12 j 16:24:44 **①** -5130 Jul 29 j 08:56:28 **●** -5129 Dec 06 j 02:29:32 ○ Full -5127 Apr 13 j 15:19:35 **●** -5126 Aug 20 j 20:59:50 ● New -5130 Aug 05 j 04:38:02 ● New -5129 Dec 13 j 09:10:22 **●** -5127 Apr 20 j 20:16:26 ○ Full -5126 Aug 28 j 15:25:26 **●** -5130 Aug 11 j 22:03:20 **●** -5129 Dec 20 j 03:26:56 ● New -5127 Apr 27 j 10:32:17 • -5126 Sep 04 j 07:00:57 ○ Full -5130 Aug 19 j 22:55:48 ○ Full -5129 Dec 27 i 19:32:51 **●** -5127 May 05 j 01:54:05 ● New -5126 Sep 11 j 09:58:17 • -5130 Aug 27 j 22:55:09 **①** -5128 Jan 04 j 16:55:22 ○ Full -5127 May 13 j 05:47:40 **●** -5126 Sep 19 j 15:14:33 ● New -5130 Sep 03 j 14:43:06 ● New -5128 Jan 11 j 16:01:11 **①** -5127 May 20 j 03:06:21 ○ Full -5126 Sep 27 j 01:41:41 **●** -5130 Sep 10 i 13:26:25 **●** -5128 Jan 18 j 15:44:39 ● New -5127 May 26 j 18:41:48 **①** -5126 Oct 03 i 18:47:16 ○ Full -5130 Sep 18 j 18:16:50 ○ Full -5128 Jan 26 j 15:10:41 **●** -5127 Jun 03 i 16:51:41 ● New -5126 Oct 11 i 07:02:45 • -5130 Sep 26 j 10:33:07 • -5128 Feb 03 i 04:26:59 ○ Full -5127 Jun 11 i 18:04:41 **●** -5126 Oct 19 j 08:00:00 ● New -5130 Oct 03 j 02:13:07 ● New -5128 Feb 09 j 21:48:51 **①** -5127 Jun 18 j 10:16:17 O Full -5126 Oct 26 j 10:36:21 **●** -5130 Oct 10 j 08:28:36 **●** -5128 Feb 17 j 05:07:19 • New -5126 Nov 02 j 08:15:52 ○ Full -5127 Jun 25 j 06:10:54 **①** -5127 Jul 03 j 09:10:25 ● New -5130 Oct 18 j 12:53:01 ○ Full -5128 Feb 25 i 08:27:31 **●** -5126 Nov 10 j 05:27:08 **●** -5130 Oct 25 j 20:07:23 **①** -5128 Mar 03 j 13:31:02 ○ Full -5127 Jul 11 i 04:16:07 **●** -5126 Nov 17 j 22:38:30 ● New -5130 Nov 01 j 15:00:13 ● New -5128 Mar 10 j 03:54:20 **●** -5127 Jul 17 j 18:51:01 ○ Full -5126 Nov 24 j 18:42:53 **●** -5130 Nov 09 j 05:56:19 **●** -5128 Mar 17 j 19:27:39 ● New -5127 Jul 24 j 21:29:23 **①** -5126 Dec 01 j 23:32:20 ○ Full -5130 Nov 17 j 05:05:01 ○ Full -5128 Mar 25 j 22:51:14 **●** -5127 Aug 02 j 02:02:36 ● New -5126 Dec 10 j 02:35:00 **●** -5130 Nov 24 j 04:20:04 **①** -5128 Apr 01 j 20:49:09 ○ Full -5127 Aug 09 j 12:54:25 **●** -5126 Dec 17 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11:12:52 ● New -5128 Jun 06 j 11:57:13 **①** -5127 Oct 14 j 09:56:57 ○ Full -5125 Feb 20 j 22:44:10 **●** -5129 Feb 06 j 15:44:51 **●** -5128 Jun 14 j 15:48:50 ● New -5127 Oct 22 j 12:28:14 • -5125 Mar 01 j 01:04:42 ○ Full -5129 Feb 13 j 13:08:39 ○ Full -5128 Jun 22 j 03:03:12 **●** -5127 Oct 29 j 22:01:10 ● New -5125 Mar 08 j 21:03:58 • -5129 Feb 20 j 04:58:11 **①** -5128 Jun 28 j 18:27:16 ○ Full -5127 Nov 05 j 14:21:42 **●** -5125 Mar 15 j 12:09:05 ● New -5129 Feb 28 j 03:09:56 ● New -5128 Jul 06 j 05:05:40 **●** -5127 Nov 13 j 03:15:50 ○ Full -5125 Mar 22 j 11:42:22 **●** -5129 Mar 08 i 03:54:57 **●** -5128 Jul 14 i 06:01:29 ● New -5127 Nov 21 j 08:42:14 **①** -5125 Mar 30 i 15:34:17 ○ Full -5129 Mar 14 i 20:28:09 ○ Full -5128 Jul 21 i 09:33:09 **●** -5127 Nov 28 i 09:18:07 ● New -5125 Apr 07 i 04:22:49 **①** -5129 Mar 21 j 15:39:37 • -5128 Jul 28 i 05:30:33 O Full -5127 Dec 05 i 01:11:01 **●** -5125 Apr 13 j 19:08:16 ● New -5129 Mar 29 j 18:39:47 ● New -5128 Aug 05 j 00:46:04 **①** -5127 Dec 12 j 21:43:51 O Full -5125 Apr 21 j 02:48:36 **●** -5129 Apr 06 j 12:39:16 **●** -5128 Aug 12 j 19:40:01 ● New -5127 Dec 21 j 01:01:31 **①** -5125 Apr 29 j 04:26:21 ○ Full -5128 Aug 19 j 16:17:03 **●** -5129 Apr 13 i 03:27:27 ○ Full -5127 Dec 27 j 19:15:57 ● New -5125 May 06 j 09:39:02 • -5129 Apr 20 j 04:40:56 **①** -5128 Aug 26 j 19:49:25 ○ Full -5126 Jan 03 j 13:42:38 **●** -5125 May 13 j 03:23:46 ● New -5129 Apr 28 j 08:55:06 ● New -5128 Sep 03 j 21:37:48 **●** -5126 Jan 11 j 15:58:50 ○ Full -5129 May 05 j 19:03:18 **●** -5128 Sep 11 j 08:29:58 ● New -5126 Jan 19 j 12:56:19 **①** -5125 May 28 j 15:58:49 ○ Full -5129 May 12 j 10:59:50 ○ Full -5126 Jan 26 j 04:14:18 ● New -5128 Sep 18 j 00:31:45 **●** -5125 Jun 04 j 14:11:32 **①** -5126 Feb 02 j 03:56:51 **●** -5125 Jun 11 j 14:03:44 ● New -5129 May 19 j 20:19:16 **①** -5128 Sep 25 j 13:06:54 ○ Full -5129 May 27 j 21:36:55 ● New -5128 Oct 03 j 17:57:06 **●** -5126 Feb 10 j 08:29:00 ○ Full -5125 Jun 19 j 13:25:55 **●** -5129 Jun 04 j 00:21:33 **●** -5128 Oct 10 j 20:19:35 ● New -5126 Feb 17 j 21:05:27 **●** -5125 Jun 27 j 02:36:31 ○ Full -5129 Jun 10 j 20:07:36 ○ Full -5128 Oct 17 j 11:21:10 **●** -5126 Feb 24 j 12:39:28 ● New -5125 Jul 03 j 19:32:03 **●** -5129 Jun 18 j 14:14:00 **●** -5128 Oct 25 j 08:15:44 ○ Full -5126 Mar 03 j 19:44:39 **●** -5125 Jul 11 j 03:46:54 ● New -5129 Jun 26 j 09:02:44 ● New -5128 Nov 02 j 11:55:01 **●** -5126 Mar 11 j 22:17:21 ○ Full -5125 Jul 19 j 07:29:22 **●** -5129 Jul 03 j 05:49:15 **●** -5128 Nov 09 j 07:10:48 ● New -5126 Mar 19 j 02:41:36 **①** -5125 Jul 26 j 12:43:30 ○ Full -5129 Jul 10 j 07:55:35 ○ Full -5128 Nov 16 j 01:09:16 **●** -5126 Mar 25 j 21:14:02 ● New -5125 Aug 02 j 03:14:35 **①** -5129 Jul 18 j 09:21:27 **●** -5128 Nov 24 j 03:42:59 ○ Full -5126 Apr 02 j 12:39:31 **●** -5125 Aug 09 j 20:26:54 ● New -5129 Jul 25 j 19:51:32 ● New -5128 Dec 02 j 02:10:33 **●** -5126 Apr 10 j 09:24:35 ○ Full -5125 Aug 18 j 00:50:53 **●** -5125 Aug 24 j 22:44:06 ○ Full -5129 Aug 01 j 12:40:30 **●** -5128 Dec 08 j 17:21:55 ● New -5126 Apr 17 j 07:07:37 **①** -5129 Aug 08 j 23:07:23 ○ Full -5128 Dec 15 j 17:28:05 **●** -5126 Apr 24 j 06:56:32 ● New -5125 Aug 31 j 14:35:04 ①

Phases of Moon	from -5200	through -5100	UT),	Astrodienst AG	18-Feb-2	025 13:22,	page 15
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Attention, astronomical year style is used: The year -5125 in astronomical counting style is the year 5126 BCE in historical counting style. -5121 Oct 01 j 02:40:38 **●** -5125 Sep 08 j 15:12:21 ● New -5123 Jan 15 i 09:28:49 **①** -5122 May 24 j 15:37:09 ○ Full -5125 Sep 16 j 16:26:18 **●** -5123 Jan 23 j 09:10:42 ● New -5122 Jun 01 j 19:17:34 **①** -5121 Oct 09 j 07:59:18 ○ Full -5125 Sep 23 j 09:04:49 ○ Full -5123 Jan 30 j 09:11:07 **●** -5122 Jun 08 j 19:23:22 ● New -5121 Oct 16 j 20:11:30 **①** -5123 Feb 06 j 07:34:29 ○ Full -5125 Sep 30 j 06:02:01 **●** -5122 Jun 15 j 09:57:38 **●** -5121 Oct 23 j 12:57:04 ● New -5125 Oct 08 j 10:41:59 ● New -5123 Feb 14 j 04:24:33 **①** -5122 Jun 23 j 07:08:34 ○ Full -5121 Oct 30 j 23:01:40 **●** -5125 Oct 16 j 05:21:53 **●** -5123 Feb 21 j 20:07:02 ● New -5122 Jul 01 j 08:56:55 **●** -5121 Nov 08 j 01:36:55 ○ Full -5125 Oct 22 j 20:11:04 ○ Full -5123 Feb 28 j 14:30:42 **●** -5122 Jul 08 j 03:13:23 ● New -5121 Nov 15 j 04:59:35 **①** -5125 Oct 30 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○ Full -5122 Sep 12 j 08:33:03 **●** -5120 Jan 20 j 07:00:54 ● New -5124 Jan 05 j 11:15:35 ● New -5123 May 14 j 00:52:40 **●** -5122 Sep 20 j 10:49:15 ○ Full -5120 Jan 28 j 11:43:02 **●** -5124 Jan 12 j 05:39:18 **●** -5123 May 20 j 18:48:51 ● New -5122 Sep 27 j 15:56:53 **①** -5120 Feb 04 j 13:05:50 ○ Full -5124 Jan 19 j 11:23:58 ○ Full -5123 May 27 j 12:45:21 **●** -5122 Oct 04 j 11:48:53 ● New -5120 Feb 11 j 04:13:39 **①** -5124 Jan 27 i 13:25:30 **①** -5123 Jun 04 j 14:48:03 ○ Full -5122 Oct 12 j 06:22:40 € -5120 Feb 18 j 22:34:54 ● New -5124 Feb 03 j 21:30:10 ● New -5123 Jun 12 j 10:54:06 **①** -5122 Oct 20 j 02:39:38 ○ Full -5120 Feb 27 j 01:51:32 **●** -5124 Feb 10 i 12:20:27 **●** -5123 Jun 19 i 02:23:02 ● New -5122 Oct 27 i 00:01:59 ① -5120 Mar 04 i 20:45:25 ○ Full -5124 Feb 18 i 01:50:19 ○ Full -5123 Jun 26 i 02:02:27 **●** -5122 Nov 03 i 03:08:38 ● New -5120 Mar 11 j 13:38:41 **①** -5124 Feb 26 j 05:37:02 • -5123 Jul 04 j 06:41:49 ○ Full -5122 Nov 11 j 04:23:35 **●** -5120 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Full -5120 Sep 19 j 08:26:26 € -5122 Jan 12 j 13:30:49 ● New -5121 May 21 j 18:13:58 **①** -5120 Sep 27 j 07:31:27 ○ Full -5124 Sep 04 j 20:15:18 **●** -5121 May 29 j 10:12:50 ● New -5124 Sep 12 i 00:29:59 ○ Full -5122 Jan 20 j 05:18:46 € -5120 Oct 05 j 09:37:37 • -5124 Sep 18 j 15:57:22 **①** -5122 Jan 26 i 20:09:57 ○ Full -5121 Jun 05 j 03:56:02 **●** -5120 Oct 12 j 03:45:15 ● New -5124 Sep 26 j 09:40:42 ● New -5122 Feb 03 j 01:10:21 **●** -5121 Jun 12 j 09:34:46 ○ Full -5120 Oct 18 j 23:04:19 **●** -5124 Oct 04 j 15:00:29 **●** -5122 Feb 11 j 04:33:59 ● New -5121 Jun 20 j 11:50:13 **①** -5120 Oct 27 j 03:38:20 ○ Full -5124 Oct 11 j 11:36:34 ○ Full -5122 Feb 18 j 12:18:58 **●** -5121 Jun 27 j 19:19:08 ● New -5120 Nov 03 j 23:06:08 **●** -5124 Oct 18 j 04:45:05 **①** -5121 Jul 04 j 10:24:54 **●** -5120 Nov 10 j 14:49:24 ● New -5122 Feb 25 j 04:55:24 ○ Full -5121 Jul 12 j 00:09:00 ○ Full -5124 Oct 26 j 05:34:14 ● New -5122 Mar 04 j 18:32:35 **●** -5120 Nov 17 j 17:02:12 **●** -5121 Jul 20 j 04:54:42 **●** -5124 Nov 03 j 06:31:52 **●** -5122 Mar 12 j 16:55:38 ● New -5120 Nov 25 j 22:14:36 ○ Full -5124 Nov 09 j 22:41:46 ○ Full -5122 Mar 19 j 17:09:41 **●** -5121 Jul 27 j 04:15:18 ● New -5120 Dec 03 j 09:29:23 **●** -5124 Nov 16 j 20:25:27 **●** -5122 Mar 26 j 14:36:35 ○ Full -5121 Aug 02 j 20:00:09 **●** -5120 Dec 10 j 01:55:00 ● New -5124 Nov 25 j 01:20:37 ● New -5122 Apr 03 j 11:46:51 **●** -5121 Aug 10 j 17:25:17 ○ Full -5120 Dec 17 j 13:01:37 **●** -5124 Dec 02 j 18:19:10 **●** -5122 Apr 11 j 03:03:20 ● New -5121 Aug 18 j 20:22:02 **①** -5120 Dec 25 j 14:06:24 ○ Full -5124 Dec 09 j 09:41:24 ○ Full -5122 Apr 17 j 21:18:27 **●** -5121 Aug 25 j 13:55:00 ● New -5119 Jan 01 j 17:11:46 **①** -5124 Dec 16 j 14:21:15 **①** -5122 Apr 25 j 02:03:13 ○ Full -5121 Sep 01 j 09:24:34 **●** -5119 Jan 08 j 13:28:11 ● New -5124 Dec 24 j 18:56:24 ● New -5122 May 03 j 04:09:38 **●** -5121 Sep 09 j 12:36:12 ○ Full -5119 Jan 16 j 09:05:20 **●** -5123 Jan 01 j 02:51:34 **●** -5119 Jan 24 j 02:57:15 ○ Full -5122 May 10 j 11:37:16 ● New -5121 Sep 17 j 09:29:05 **●** -5123 Jan 07 j 20:33:08 ○ Full -5122 May 17 j 02:22:40 **●** -5119 Jan 30 j 23:09:56 **●** -5121 Sep 24 j 00:48:37 ● New

Attention, astronomical year style is used: The year -5119 in astronomical counting style is the year 5120 BCE in historical counting style. -5119 Feb 07 j 01:57:57 ● New -5118 Jun 16 j 03:40:08 • -5117 Oct 24 j 05:43:14 O Full -5115 Mar 01 j 19:55:52 **●** -5118 Jun 24 i 04:20:03 ● New -5119 Feb 15 j 03:29:56 **●** -5117 Oct 31 j 22:12:55 • -5115 Mar 09 j 12:29:16 ○ Full -5118 Jul 02 j 03:19:32 **●** -5119 Feb 22 j 13:05:27 ○ Full -5117 Nov 08 j 19:56:04 ● New -5115 Mar 17 j 15:51:34 **①** -5118 Jul $\,$ 08 j 18:24:40 $\,$ $\!$ Full -5119 Mar 01 j 04:41:54 **①** -5117 Nov 15 j 19:21:49 **●** -5115 Mar 24 j 12:27:52 ● New -5118 Jul 15 j 17:03:44 **①** -5119 Mar 08 j 15:34:51 ● New -5117 Nov 22 j 19:54:55 ○ Full -5115 Mar 31 j 04:29:05 **●** -5119 Mar 16 j 19:20:04 **●** -5118 Jul 23 j 21:20:09 ● New -5117 Nov 30 j 20:10:07 **●** -5115 Apr 08 j 03:11:53 ○ Full -5119 Mar 23 j 21:07:06 ○ Full -5118 Jul 31 j 13:00:26 **●** -5117 Dec 08 j 09:23:18 ● New -5115 Apr 16 j 03:08:11 **①** -5119 Mar 30 j 11:12:39 **①** -5118 Aug 07 j 04:09:00 ○ Full -5117 Dec 15 j 03:10:43 **●** -5115 Apr 22 j 18:50:10 ● New -5119 Apr 07 j 06:04:27 ● New -5118 Aug 14 j 10:22:44 **①** -5117 Dec 22 j 11:39:34 ○ Full -5115 Apr 29 j 15:24:46 **●** -5119 Apr 15 j 08:24:45 **●** -5118 Aug 22 j 14:22:44 ● New -5117 Dec 30 j 15:46:20 **①** -5115 May 07 j 18:03:53 ○ Full -5119 Apr 22 j 03:52:01 ○ Full -5118 Aug 29 j 21:27:39 **●** -5116 Jan 06 j 20:25:47 ● New -5115 May 15 j 11:34:00 **●** -5119 Apr 28 j 20:00:09 **①** -5118 Sep 05 j 16:06:58 ○ Full -5116 Jan 13 j 11:22:03 **●** -5115 May 22 j 01:51:25 ● New -5119 May 06 j 20:59:26 ● New -5118 Sep 13 j 07:03:13 **●** -5116 Jan 21 j 04:14:52 ○ Full -5119 May 14 j 18:58:14 **●** -5118 Sep 21 j 06:15:04 ● New -5116 Jan 29 j 07:47:01 **①** -5115 Jun 06 j 08:40:57 ○ Full -5119 May 21 j 10:23:31 ○ Full -5118 Sep 28 j 05:34:25 **●** -5116 Feb 05 j 05:17:41 ● New -5115 Jun 13 j 18:06:13 **①** -5119 May 28 j 08:00:47 **●** -5118 Oct 05 j 06:20:33 ○ Full -5116 Feb 11 j 20:52:23 **●** -5115 Jun 20 j 10:32:47 ● New -5119 Jun 05 j 11:55:58 ● New -5118 Oct 13 j 05:26:26 **●** -5116 Feb 19 j 20:35:54 ○ Full -5115 Jun 27 j 21:55:17 **●** -5119 Jun 13 j 03:28:07 **●** -5118 Oct 20 j 20:14:28 ● New -5116 Feb 27 j 19:58:59 **①** -5115 Jul 05 j 22:33:09 ○ Full -5119 Jun 19 i 17:54:42 ○ Full -5118 Oct 27 j 14:13:13 **●** -5116 Mar 05 j 12:35:26 ● New -5115 Jul 13 j 00:01:03 • -5119 Jun 26 j 23:34:31 **①** -5118 Nov 03 j 22:36:45 ○ Full -5116 Mar 12 j 08:23:58 **●** -5115 Jul 19 j 21:38:30 ● New -5119 Jul 05 j 02:39:14 ● New -5118 Nov 12 j 03:01:20 **①** -5116 Mar 20 j 11:48:38 ○ Full -5115 Jul 27 j 17:16:31 **●** -5119 Jul 12 i 10:35:00 **●** -5118 Nov 19 j 08:18:13 ● New -5116 Mar 28 j 04:48:06 **①** -5115 Aug 04 j 11:22:35 ○ Full -5119 Jul 19 j 03:37:33 ○ Full -5118 Nov 26 i 00:02:18 **●** -5116 Apr 03 j 19:18:47 ● New -5115 Aug 11 j 06:39:46 • -5119 Jul 26 j 18:15:59 **①** -5118 Dec 03 i 16:24:36 ○ Full -5116 Apr 10 j 22:13:53 **●** -5115 Aug 18 j 11:34:56 ● New -5119 Aug 03 j 16:56:47 ● New -5118 Dec 11 j 21:25:35 **①** -5116 Apr 19 j 01:31:32 O Full -5119 Aug 10 j 17:16:10 **●** -5118 Dec 18 j 18:45:24 ● New -5116 Apr 26 j 11:04:17 **①** -5115 Sep 02 j 23:15:44 ○ Full -5115 Sep 09 j 15:13:26 **●** -5119 Aug 17 j 16:23:29 ○ Full -5118 Dec 25 j 11:22:07 **●** -5116 May 03 j 02:42:50 ● New -5119 Aug 25 j 14:57:38 **①** -5117 Jan 02 j 10:42:23 ○ Full -5116 May 10 j 14:10:47 **●** -5115 Sep 17 j 04:26:06 ● New -5119 Sep 02 j 06:31:01 ● New -5117 Jan 10 j 11:28:38 **①** -5116 May 18 j 13:51:45 ○ Full -5115 Sep 25 j 10:05:40 **●** -5119 Sep 09 j 00:43:32 **●** -5117 Jan 17 j 03:58:36 ● New -5116 May 25 j 15:56:19 **①** -5115 Oct 02 j 10:35:54 ○ Full -5119 Sep 16 j 08:20:18 ○ Full -5117 Jan 24 j 00:21:31 **●** -5116 Jun 01 j 12:03:03 ● New -5115 Oct 09 j 02:27:28 **●** -5119 Sep 24 j 12:01:02 **①** -5117 Feb 01 j 04:02:59 ○ Full -5116 Jun 09 j 07:41:19 **●** -5115 Oct 16 j 23:37:27 ● New -5117 Feb 08 j 21:20:52 **①** -5119 Oct 01 j 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22:02:15 ○ Full -5115 Dec 23 j 03:17:11 **●** -5119 Dec 06 j 13:09:13 ● -5115 Dec 29 j 19:18:28 O Full -5117 Apr 15 j 05:25:06 ● New -5116 Aug 21 j 12:42:28 **①** -5116 Aug 29 j 09:36:32 ● New -5119 Dec 14 j 16:58:03 ○ Full -5117 Apr 23 j 00:21:00 **●** -5114 Jan 06 j 03:29:04 **①** -5119 Dec 22 j 12:01:04 **①** -5117 Apr 30 j 17:45:46 ○ Full -5116 Sep 06 j 13:08:18 **●** -5114 Jan 14 j 06:20:14 ● New -5119 Dec 29 j 02:34:16 ● New -5117 May 07 j 13:16:20 **①** -5116 Sep 13 j 08:19:50 ○ Full -5114 Jan 21 j 10:27:37 **●** -5118 Jan 05 i 05:58:24 € -5117 May 14 i 16:00:15 ● New -5116 Sep 20 i 02:05:28 **①** -5114 Jan 28 i 05:53:09 ○ Full -5116 Sep 28 j 05:02:28 ● New -5118 Jan 13 i 09:58:57 ○ Full -5117 May 22 j 17:32:34 **●** -5114 Feb 04 i 22:23:44 **①** -5118 Jan 20 i 20:20:39 • -5117 May 30 j 02:35:51 ○ Full -5116 Oct 06 i 03:43:50 **●** -5114 Feb 12 j 18:45:56 ● New -5118 Jan 27 j 12:21:22 ● New -5117 Jun 05 j 18:34:56 • -5116 Oct 12 j 19:03:27 O Full -5114 Feb 19 j 15:58:13 **●** -5118 Feb 03 j 23:43:19 **●** -5116 Oct 19 j 19:18:11 **①** -5117 Jun 13 j 05:12:51 ● New -5114 Feb 26 i 16:54:06 ○ Full -5118 Feb 12 i 00:14:41 O Full -5117 Jun 21 j 09:53:46 € -5116 Oct 28 j 00:23:42 ● New -5114 Mar 06 j 16:31:36 **①** -5118 Feb 19 j 01:56:56 **①** -5117 Jun 28 j 11:07:49 ○ Full -5116 Nov 04 j 15:17:30 **●** -5114 Mar 14 j 04:18:45 ● New -5118 Feb 25 j 22:37:04 ● New -5117 Jul 05 j 02:10:40 **●** -5116 Nov 11 j 06:33:41 ○ Full -5114 Mar 20 j 21:04:49 **●** -5118 Mar 05 j 17:28:25 **●** -5117 Jul 12 j 21:17:55 ● New -5116 Nov 18 j 15:09:19 **①** -5114 Mar 28 j 05:03:43 ○ Full -5117 Jul 21 j 00:47:20 **●** -5116 Nov 26 j 18:07:47 ● New -5118 Mar 13 j 11:30:42 ○ Full -5114 Apr 05 j 08:43:45 **●** -5117 Jul 27 j 20:08:26 ○ Full -5118 Mar 20 j 06:23:19 **①** -5116 Dec 04 j 00:00:09 **●** -5114 Apr 12 j 12:03:09 ● New -5118 Mar 27 j 09:47:52 ● New -5117 Aug 03 j 13:17:26 **①** -5116 Dec 10 j 18:59:18 ○ Full -5114 Apr 19 j 03:03:08 **●** -5118 Apr 04 j 10:28:38 **●** -5117 Aug 11 j 15:30:36 ● New -5116 Dec 18 j 11:51:57 **①** -5114 Apr 26 j 18:50:34 ○ Full -5118 Apr 11 j 20:15:18 ○ Full -5117 Aug 19 j 13:56:30 **●** -5116 Dec 26 j 09:03:17 ● New -5114 May 04 j 22:27:20 **●** -5118 Apr 18 j 11:15:35 **①** -5117 Aug 26 j 06:04:28 ○ Full -5115 Jan 02 j 06:49:01 **●** -5114 May 11 j 19:05:44 ● New -5118 Apr 25 j 22:18:34 ● New -5117 Sep 02 j 04:42:21 **●** -5115 Jan 09 j 08:14:53 ○ Full -5114 May 18 j 11:07:59 **●** -5118 May 04 j 02:04:45 **●** -5117 Sep 10 j 10:18:23 ● New -5115 Jan 17 j 07:41:58 **①** -5114 May 26 j 10:08:40 ○ Full -5118 May 11 j 03:29:31 ○ Full -5117 Sep 18 j 01:17:54 **●** -5115 Jan 24 j 20:42:57 ● New -5114 Jun 03 j 09:48:49 **●** -5118 May 17 j 17:58:48 **①** -5117 Sep 24 j 17:11:01 O Full -5115 Jan 31 j 13:02:29 **●** -5114 Jun 10 j 02:23:04 ● New -5118 May 25 j 12:28:47 ● New -5117 Oct 02 j 00:12:49 **●** -5115 Feb 07 j 22:08:06 ○ Full -5114 Jun 16 j 22:28:05 **●** -5114 Jun 25 j 02:15:55 ○ Full -5118 Jun 02 j 15:45:47 **●** -5117 Oct 10 j 04:06:39 ● New -5115 Feb 16 j 01:18:30 • -5118 Jun 09 j 10:28:51 ○ Full -5114 Jul 02 j 19:19:45 **①** -5117 Oct 17 j 10:58:37 **●** -5115 Feb 23 j 05:30:49 ● New

Attention, astronomical year style is used: The year -5114 in astronomical counting style is the year 5115 BCE in historical counting style. -5114 Jul 09 j 10:42:34 ● New -5113 Nov 16 j 08:45:06 **①** -5111 Mar 25 j 04:03:25 ○ Full -5110 Aug 01 j 18:17:50 **●** -5114 Jul 16 j 13:48:54 **●** -5113 Nov 23 j 15:35:14 ● New -5111 Mar 31 j 22:33:05 • -5110 Aug 08 j 13:43:35 ○ Full -5114 Jul 24 j 18:16:37 O Full -5113 Dec 01 j 18:40:55 **●** -5111 Apr 09 j 01:04:02 ● New -5110 Aug 16 j 08:11:00 **●** -5114 Aug 01 j 03:40:42 **●** -5111 Apr 16 j 20:01:23 **●** -5113 Dec 09 j 02:28:52 ○ Full -5110 Aug 24 j 04:02:27 ● New -5114 Aug 07 j 20:48:58 ● New -5113 Dec 15 j 17:25:52 **①** -5111 Apr 23 j 10:55:27 ○ Full -5110 Aug 31 j 01:23:26 **●** -5114 Aug 15 j 09:02:48 **●** -5113 Dec 23 j 08:31:58 ● New -5111 Apr 30 j 11:10:29 **①** -5110 Sep 07 j 04:11:48 ○ Full -5114 Aug 23 j 09:30:46 ○ Full -5113 Dec 31 j 13:03:14 **●** -5111 May 08 j 15:31:06 ● New -5110 Sep 15 j 05:30:33 **●** -5114 Aug 30 j 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03:45:33 ○ Full -5111 Jul 13 j 14:18:17 **●** -5110 Nov 20 j 16:10:21 ● New -5114 Nov 04 j 19:01:21 ● New -5112 Mar 13 j 04:51:01 **①** -5111 Jul 20 j 15:39:00 ○ Full -5110 Nov 27 j 09:40:18 **●** -5114 Nov 13 j 00:22:11 **●** -5112 Mar 21 j 08:32:32 ● New -5111 Jul 28 j 16:33:19 **①** -5110 Dec 05 j 11:37:48 ○ Full -5114 Nov 20 j 00:34:38 ○ Full -5112 Mar 28 j 20:26:07 **●** -5111 Aug 05 j 04:09:05 ● New -5110 Dec 13 j 10:40:40 **①** -5114 Nov 26 j 15:53:40 **①** -5112 Apr 04 j 11:22:16 ○ Full -5111 Aug 11 j 21:25:07 **●** -5110 Dec 20 j 02:00:45 ● New -5114 Dec 04 j 14:14:21 ● New -5112 Apr 11 j 20:01:19 **①** -5111 Aug 19 i 07:03:14 ○ Full -5110 Dec 27 j 01:16:09 **●** -5114 Dec 12 i 16:32:16 **●** -5112 Apr 19 j 21:37:25 ● New -5111 Aug 27 j 12:06:42 **①** -5109 Jan 04 i 05:32:51 ○ Full -5114 Dec 19 j 10:52:48 ○ Full -5112 Apr 27 i 01:11:06 **●** -5111 Sep 03 j 15:27:02 ● New -5109 Jan 11 j 20:46:56 **①** -5114 Dec 26 j 05:04:17 • -5112 May 03 j 20:09:35 ○ Full -5111 Sep 10 j 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07:34:22 ● New -5113 Mar 03 j 14:33:57 ● New -5112 Jul 10 j 00:05:40 **●** -5109 Mar 26 j 05:11:07 **●** -5111 Nov 16 j 17:19:18 ○ Full -5109 Apr 02 j 19:45:07 ○ Full -5113 Mar 10 j 18:53:10 **●** -5112 Jul 17 j 03:50:54 ● New -5111 Nov 24 j 09:08:39 **●** -5109 Apr 09 j 12:32:35 **①** -5113 Mar 17 j 13:11:38 ○ Full -5112 Jul 23 j 18:54:40 **●** -5111 Dec 01 j 00:43:33 ● New -5109 Apr 16 j 19:11:56 ● New -5113 Mar 25 j 06:18:29 **●** -5112 Jul 31 j 12:15:04 ○ Full -5111 Dec 08 j 06:46:30 **●** -5113 Apr 02 j 01:45:47 ● New -5112 Aug 08 j 16:52:41 **●** -5111 Dec 16 j 10:33:41 ○ Full -5109 Apr 24 j 21:37:47 **●** -5113 Apr 08 j 23:08:15 **●** -5112 Aug 15 j 13:17:30 ● New -5111 Dec 23 j 18:01:53 • -5109 May 02 j 03:41:07 ○ Full -5113 Apr 15 j 23:30:32 ○ Full -5111 Dec 30 j 11:42:25 ● New -5109 May 08 j 18:05:19 **①** -5113 Apr 23 j 23:11:41 **①** -5112 Aug 30 j 06:49:18 ○ Full -5110 Jan 07 j 02:44:06 **●** -5109 May 16 j 08:27:47 ● New -5113 May 01 j 11:07:54 ● New -5112 Sep 07 j 07:34:19 **●** -5110 Jan 15 j 00:47:49 ○ Full -5113 May 08 j 03:30:06 **●** -5112 Sep 13 j 23:41:47 ● New -5110 Jan 22 j 00:33:48 **●** -5109 May 31 j 10:46:58 ○ Full -5113 May 15 j 11:56:03 ○ Full -5112 Sep 20 j 21:46:17 **●** -5110 Jan 28 j 23:21:03 ● New -5109 Jun 07 j 02:07:37 **①** -5113 May 23 j 15:11:03 **①** -5112 Sep 29 j 02:31:50 ○ Full -5110 Feb 05 j 21:54:12 **●** -5109 Jun 14 j 23:35:46 ● New -5113 May 30 j 19:22:23 ● New -5112 Oct 06 j 19:41:10 • -5110 Feb 13 j 12:07:45 ○ Full -5109 Jun 23 j 01:32:47 **●** -5113 Jun 06 j 09:37:24 **●** -5112 Oct 13 j 11:15:58 ● New -5110 Feb 20 i 05:55:35 **①** -5109 Jun 29 i 18:17:03 O Full -5113 Jun 14 i 02:35:29 ○ Full -5112 Oct 20 j 16:38:18 **●** -5110 Feb 27 i 12:05:47 ● New -5109 Jul 06 i 13:36:37 • -5113 Jun 22 j 05:56:37 **①** -5112 Oct 28 j 21:21:20 O Full -5110 Mar 07 j 14:59:41 **●** -5109 Jul 14 j 16:21:23 ● New -5113 Jun 29 j 03:16:12 ● New -5112 Nov 05 j 05:25:38 **①** -5110 Mar 14 j 21:03:41 O Full -5109 Jul 22 j 12:29:22 **●** -5113 Jul 05 j 18:59:13 **●** -5110 Mar 21 j 11:32:42 • -5109 Jul 29 i 03:12:45 ○ Full -5112 Nov 11 j 23:49:09 ● New -5113 Jul 13 j 19:05:27 ○ Full -5110 Mar 29 j 01:58:58 ● New -5112 Nov 19 j 13:46:50 **●** -5109 Aug 05 j 05:02:10 • -5113 Jul 21 j 19:10:55 **①** -5112 Nov 27 i 13:34:47 ○ Full -5110 Apr 06 j 05:30:33 **●** -5109 Aug 13 j 09:50:22 ● New -5113 Jul 28 j 11:41:32 ● New -5112 Dec 04 j 13:29:29 **●** -5110 Apr 13 j 04:19:38 ○ Full -5113 Aug 04 j 08:33:23 **●** -5112 Dec 11 j 13:09:22 ● New -5110 Apr 19 j 18:50:52 **①** -5109 Aug 27 j 14:10:12 ○ Full -5113 Aug 12 j 12:41:57 ○ Full -5112 Dec 19 j 11:12:15 **●** -5110 Apr 27 j 16:41:07 ● New -5109 Sep 04 j 00:14:56 **●** -5112 Dec 27 j 02:35:06 ○ Full -5109 Sep 12 j 02:42:54 ● New -5113 Aug 20 j 06:38:38 **●** -5110 May 05 j 17:29:14 **●** -5113 Aug 26 j 21:31:02 ● New -5111 Jan 02 j 20:45:57 **●** -5110 May 12 j 10:52:23 ○ Full -5109 Sep 19 j 06:08:34 **●** -5113 Sep 03 j 02:21:28 **●** -5111 Jan 10 j 03:16:54 ● New -5110 May 19 j 05:01:52 **●** -5109 Sep 26 j 03:18:52 ○ Full -5113 Sep 11 j 06:28:13 ○ Full -5111 Jan 18 j 06:42:40 **●** -5110 May 27 j 07:45:56 ● New -5109 Oct 03 j 22:07:36 **●** -5113 Sep 18 j 16:19:49 **①** -5111 Jan 25 j 12:45:43 ○ Full -5110 Jun 04 j 03:14:20 **●** -5109 Oct 11 j 17:52:49 ● New -5113 Sep 25 j 09:25:12 ● New -5111 Feb 01 j 04:08:08 **●** -5110 Jun 10 j 17:50:14 ○ Full -5109 Oct 18 j 14:27:59 **●** -5113 Oct 02 j 23:18:00 **●** -5111 Feb 08 j 18:13:43 ● New -5110 Jun 17 j 18:47:51 **①** -5109 Oct 25 j 18:30:49 ○ Full -5113 Oct 10 j 23:18:38 ○ Full -5111 Feb 16 j 22:46:47 **●** -5110 Jun 25 j 22:52:29 ● New -5109 Nov 02 j 20:28:41 **①** -5113 Oct 18 j 00:43:32 **①** -5111 Feb 23 j 20:57:15 ○ Full -5110 Jul 03 j 11:15:37 **●** -5109 Nov 10 j 06:56:01 ● New -5113 Oct 24 j 23:35:25 ● New -5111 Mar 02 j 12:27:07 **●** -5110 Jul 10 j 02:26:22 ○ Full -5109 Nov 16 j 23:30:44 **●** -5113 Nov 01 j 21:27:59 **●** -5111 Mar 10 j 09:43:01 ● New -5110 Jul 17 j 12:07:17 **①** -5109 Nov 24 j 11:26:11 ○ Full -5113 Nov 09 j 14:10:46 ○ Full -5111 Mar 18 j 11:01:55 **●** -5110 Jul 25 j 13:44:29 ● New -5109 Dec 02 j 16:41:46 **①**

Attention, astronomical year style is used: The year -5109 in astronomical counting style is the year 5110 BCE in historical counting style. -5109 Dec 09 j 18:04:02 ● New -5107 Apr 17 j 11:58:06 • -5106 Aug 24 j 21:40:59 ○ Full -5104 Jan 02 j 03:09:34 **●** -5106 Aug 31 j 15:10:15 **①** -5109 Dec 16 j 09:47:06 € -5107 Apr 24 j 02:32:33 ● New -5104 Jan 08 j 19:41:13 ○ Full -5109 Dec 24 i 05:23:07 ○ Full -5107 May 01 j 09:06:37 **●** -5106 Sep 07 j 23:47:04 ● New -5104 Jan 15 j 16:14:28 **①** -5108 Jan 01 j 08:56:44 **①** -5106 Sep 16 j 04:16:37 **●** -5107 May 09 j 11:13:52 ○ Full -5104 Jan 23 j 20:44:12 ● New -5108 Jan 08 j 03:41:18 ● New -5107 May 16 j 17:31:39 **①** -5106 Sep 23 j 09:27:15 ○ Full -5104 Jan 31 j 13:21:07 **●** -5108 Jan 14 j 21:33:56 **●** -5107 May 23 j 10:44:29 ● New -5106 Sep 30 j 01:00:47 **●** -5104 Feb 07 j 04:03:28 ○ Full -5108 Jan 22 j 23:09:18 ○ Full -5107 May 31 j 01:56:48 **●** -5106 Oct 07 j 17:56:22 ● New -5104 Feb 14 j 07:58:18 **①** -5108 Jan 30 j 20:47:26 **●** -5107 Jun 07 j 23:14:29 ○ Full -5106 Oct 15 j 23:28:14 **●** -5104 Feb 22 j 11:34:40 ● New -5108 Feb 06 j 12:13:44 ● New -5107 Jun 14 j 22:21:58 **①** -5106 Oct 22 j 20:43:19 ○ Full -5104 Feb 29 j 20:15:43 **●** -5108 Feb 13 j 11:01:16 **●** -5107 Jun 21 j 21:27:58 ● New -5106 Oct 29 j 13:32:46 • -5104 Mar 07 j 12:20:16 ○ Full -5108 Feb 21 j 15:21:51 O Full -5107 Jun 29 j 20:09:49 **●** -5106 Nov 06 j 13:43:34 ● New -5104 Mar 15 j 00:48:40 • -5108 Feb 29 j 04:54:30 **●** -5107 Jul 07 j 10:27:04 ○ Full -5106 Nov 14 j 15:13:06 **●** -5104 Mar 22 j 23:55:12 ● New -5108 Mar 06 j 20:13:30 ● New -5107 Jul 14 j 03:57:47 • -5106 Nov 21 j 07:39:49 ○ Full -5104 Mar 30 j 01:01:32 **●** -5108 Mar 14 j 02:11:02 **●** -5107 Jul 21 j 11:21:34 ● New -5106 Nov 28 j 04:41:09 **①** -5104 Apr 05 j 21:37:42 ○ Full -5108 Mar 22 j 05:07:20 ○ Full -5107 Jul 29 j 14:52:10 **●** -5106 Dec 06 j 09:17:12 ● New -5104 Apr 13 j 17:53:08 **①** -5108 Mar 29 j 10:30:50 **●** -5107 Aug 05 j 21:08:33 ○ Full -5106 Dec 14 j 03:00:54 **●** -5104 Apr 21 j 10:12:36 ● New -5108 Apr 05 j 04:27:16 ● New -5107 Aug 12 j 11:50:37 • -5106 Dec 20 j 18:15:15 ○ Full -5104 Apr 28 j 05:06:19 **●** -5108 Apr 12 j 18:46:36 **●** -5107 Aug 20 j 04:16:43 ● New -5106 Dec 27 j 21:54:56 **①** -5104 May 05 j 08:50:19 ○ Full -5108 Apr 20 j 16:24:56 ○ Full -5107 Aug 28 j 08:57:10 **●** -5105 Jan 05 j 02:38:29 ● New -5104 May 13 j 10:30:01 **①** -5108 Apr 27 j 14:58:44 **①** -5107 Sep 04 i 07:36:03 ○ Full -5105 Jan 12 j 11:23:46 € -5104 May 20 j 19:05:02 ● New -5108 May 04 j 13:56:28 ● New -5107 Sep 10 j 23:13:27 **①** -5105 Jan 19 i 04:33:08 ○ Full -5104 May 27 j 10:08:03 **●** -5108 May 12 j 12:06:18 **●** -5107 Sep 18 j 23:17:33 ● New -5105 Jan 26 j 16:21:23 **①** -5104 Jun 03 i 22:24:13 ○ Full -5108 May 20 i 01:57:17 ○ Full -5107 Sep 27 j 01:08:58 **●** -5105 Feb 03 i 16:40:59 ● New -5104 Jun 12 j 02:11:55 **①** -5108 May 26 i 19:41:23 **①** -5107 Oct 03 j 18:10:09 ○ Full -5105 Feb 10 j 17:27:03 **●** -5104 Jun 19 i 03:15:17 ● New -5108 Jun 03 i 01:44:11 ● New -5107 Oct 10 j 14:31:34 **①** -5105 Feb 17 j 14:58:03 ○ Full -5104 Jun 25 j 17:43:10 **●** -5108 Jun 11 j 05:13:09 **●** -5107 Oct 18 j 18:57:44 ● New -5105 Feb 25 j 10:49:02 • -5104 Jul 03 j 14:11:06 ○ Full -5108 Jun 18 j 10:44:42 O Full -5104 Jul 11 j 16:36:49 **①** -5107 Oct 26 j 14:25:37 **●** -5105 Mar 05 j 03:30:40 ● New -5108 Jun 25 j 02:01:09 **①** -5104 Jul 18 j 11:30:56 ● New -5107 Nov 02 j 05:12:33 ○ Full -5105 Mar 11 j 22:26:57 **●** -5108 Jul 02 j 16:29:31 ● New -5107 Nov 09 j 09:04:11 **①** -5105 Mar 19 j 02:13:04 ○ Full -5104 Jul 25 j 05:08:29 **●** -5108 Jul 10 j 21:15:42 **●** -5104 Aug 02 j 07:34:21 $\,$ $\,$ Full -5107 Nov 17 j 13:41:27 ● New -5105 Mar 27 j 04:03:01 **①** -5108 Jul 17 j 19:40:46 ○ Full -5107 Nov 25 j 00:30:11 **●** -5105 Apr 03 j 12:01:19 ● New -5104 Aug 10 j 05:22:03 **●** -5108 Jul 24 j 11:16:44 **①** -5107 Dec 01 j 16:58:53 ○ Full -5105 Apr 10 j 03:40:59 **●** -5104 Aug 16 j 20:42:56 ● New -5105 Apr 17 j 15:00:04 ○ Full -5108 Aug 01 j 09:58:17 ● New -5107 Dec 09 j 05:19:15 **●** -5104 Aug 23 j 20:55:58 **●** -5104 Sep 01 j 01:39:19 ○ Full -5108 Aug 09 j 11:41:39 **●** -5107 Dec 17 j 06:04:02 ● New -5105 Apr 25 j 19:10:40 **●** -5107 Dec 24 j 08:00:13 **●** -5108 Aug 16 j 05:19:15 ○ Full -5105 May 02 j 19:21:04 ● New -5104 Sep 08 j 16:12:46 **●** -5107 Dec 31 j 05:32:53 ○ Full -5108 Aug 23 j 00:31:09 **●** -5105 May 09 j 10:26:12 **●** -5104 Sep 15 j 07:37:06 ● New -5108 Aug 31 j 04:54:50 ● New -5106 Jan 08 j 01:31:55 **●** -5105 May 17 j 05:34:58 ○ Full -5104 Sep 22 j 16:31:46 **●** -5108 Sep 08 j 00:16:22 **●** -5106 Jan 15 j 19:15:41 ● New -5105 May 25 j 07:56:58 **●** -5104 Sep 30 j 19:19:28 O Full -5108 Sep 14 j 15:56:14 ○ Full -5106 Jan 22 j 14:08:57 **●** -5105 Jun 01 j 02:31:45 ● New -5104 Oct 08 j 01:19:03 **①** -5108 Sep 21 j 18:04:39 **●** -5106 Jan 29 j 18:48:33 ○ Full -5105 Jun 07 j 19:57:09 **●** -5104 Oct 14 j 20:38:47 ● New -5108 Sep 29 j 23:34:46 ● New -5106 Feb 06 j 20:13:08 **①** -5105 Jun 15 j 21:33:26 ○ Full -5104 Oct 22 j 14:20:14 **●** -5108 Oct 07 j 10:57:25 **●** -5106 Feb 14 j 05:17:32 ● New -5105 Jun 23 j 18:39:07 **①** -5104 Oct 30 j 11:24:27 O Full -5108 Oct 14 j 03:43:10 ○ Full -5106 Feb 20 j 20:17:54 **●** -5105 Jun 30 j 10:23:40 ● New -5104 Nov 06 j 09:23:19 **●** -5108 Oct 21 j 15:02:28 • -5106 Feb 28 j 08:38:56 ○ Full -5105 Jul 07 j 09:15:04 **●** -5104 Nov 13 j 11:39:25 ● New -5108 Oct 29 j 16:35:04 ● New -5106 Mar 08 j 12:19:44 • -5105 Jul 15 j 14:00:40 ○ Full -5104 Nov 21 j 12:13:50 **●** -5108 Nov 05 j 19:57:11 **●** -5106 Mar 15 i 12:56:22 ● New -5105 Jul 23 i 03:50:29 • -5104 Nov 29 i 01:00:51 O Full -5108 Nov 12 j 16:55:06 ○ Full -5106 Mar 22 j 03:38:27 **●** -5105 Jul 29 i 19:40:07 ● New -5104 Dec 05 i 17:27:13 • -5105 Aug 06 j 02:43:10 **●** -5108 Nov 20 j 13:13:35 **①** -5106 Mar 29 i 23:00:51 O Full -5104 Dec 13 i 03:58:48 ● New -5108 Nov 28 i 07:14:47 ● New -5106 Apr 07 j 01:19:55 • -5105 Aug 14 j 06:01:06 ○ Full -5104 Dec 21 i 08:08:20 **●** -5108 Dec 05 j 03:49:13 **●** -5106 Apr 13 j 19:24:17 ● New -5105 Aug 21 j 12:08:37 • -5104 Dec 28 j 11:54:55 ○ Full -5105 Aug 28 j 07:02:57 ● New -5108 Dec 12 i 07:39:57 ○ Full -5106 Apr 20 j 13:05:02 **●** -5103 Jan 04 j 02:27:47 • -5108 Dec 20 j 10:06:02 • -5106 Apr 28 j 13:49:03 ○ Full -5105 Sep 04 j 23:35:05 **●** -5103 Jan 11 j 20:44:25 ● New -5108 Dec 27 j 19:23:26 ● New -5106 May 06 j 11:18:19 **①** -5105 Sep 12 j 21:02:20 ○ Full -5103 Jan 20 j 00:31:44 **●** -5107 Jan 03 j 11:26:42 **●** -5106 May 13 j 01:58:25 ● New -5105 Sep 19 j 20:12:52 **①** -5103 Jan 26 j 20:35:57 ○ Full -5107 Jan 10 j 23:37:48 ○ Full -5106 May 20 j 01:15:38 **●** -5105 Sep 26 j 21:06:56 ● New -5103 Feb 02 j 13:00:46 **●** -5107 Jan 19 j 03:53:45 **●** -5106 May 28 j 04:46:10 ○ Full -5105 Oct 04 j 21:49:39 **●** -5103 Feb 10 j 13:09:42 ● New -5107 Jan 26 j 05:08:59 ● New -5106 Jun 04 j 18:54:34 **●** -5105 Oct 12 j 10:52:14 ○ Full -5103 Feb 18 j 12:45:37 **●** -5107 Feb 01 j 19:50:59 **●** -5106 Jun 11 j 09:47:02 ● New -5105 Oct 19 j 04:47:04 **①** -5103 Feb 25 j 04:00:18 ○ Full -5106 Jun 18 j 16:31:44 **●** -5107 Feb 09 j 15:57:03 ○ Full -5105 Oct 26 j 13:56:04 ● New -5103 Mar 04 j 01:19:45 **●** -5107 Feb 17 j 17:57:17 **●** -5106 Jun 26 j 19:21:09 ○ Full -5105 Nov 03 j 18:56:57 **●** -5103 Mar 12 j 04:37:34 ● New -5107 Feb 24 j 12:58:48 ● New -5106 Jul 04 j 01:13:51 **●** -5105 Nov 10 j 23:21:09 ○ Full -5103 Mar 19 j 21:10:07 **●** -5107 Mar 03 j 05:56:55 **●** -5106 Jul 10 j 19:42:12 ● New -5105 Nov 17 j 14:37:26 **①** -5103 Mar 26 j 11:12:17 ○ Full -5107 Mar 11 j 07:38:53 ○ Full -5106 Jul 18 j 10:49:18 **●** -5105 Nov 25 j 08:37:00 ● New -5103 Apr 02 j 15:26:07 **●** -5107 Mar 19 j 04:26:00 **●** -5106 Jul 26 j 09:03:13 ○ Full -5105 Dec 03 j 13:01:32 **●** -5103 Apr 10 j 18:38:45 ● New -5107 Mar 25 j 19:43:21 ● New -5106 Aug 02 j 07:33:51 **①** -5105 Dec 10 j 10:17:04 ○ Full -5103 Apr 18 j 02:50:17 **●** -5107 Apr 01 j 18:19:44 **●** -5103 Apr 24 j 19:11:54 ○ Full -5106 Aug 09 j 08:17:30 ● New -5105 Dec 17 j 02:21:41 **①** -5107 Apr 09 j 22:06:31 ○ Full -5106 Aug 17 j 07:19:16 **●** -5105 Dec 25 j 03:26:53 ● New -5103 May 02 j 07:15:45 ①

```
Phases of Moon from -5200 through -5100 (UT), Astrodienst AG 18-Feb-2025 13:22,
Attention, astronomical year style is used: The year -5103 in astronomical counting style is the year 5104 BCE in historical counting style.
-5103 May 10 j 06:56:51 ● New
                                     -5102 Sep 17 j 01:29:19 •
-5103 May 17 j 07:15:31 ●
                                     -5102 Sep 24 j 01:38:02 ● New
-5103 May 24 j 04:50:08 ○ Full
                                     -5102 Sep 30 j 17:18:49 ●
-5103 Jun 01 j 00:33:45 ①
                                     -5102 Oct 08 j 15:44:52 ○ Full
-5103 Jun 08 j 17:38:32 ● New
                                     -5102 Oct 16 j 18:19:57 ●
-5103 Jun 15 j 12:02:26 ●
                                     -5102 Oct 23 j 12:53:10 ● New
-5103 Jun 22 j 16:48:37 ○ Full
                                     -5102 Oct 30 j 07:39:11 ●
-5103 Jun 30 j 18:41:09 ①
                                     -5102 Nov 07 j 11:50:26 ○ Full
-5103 Jul 08 j 03:17:30 ● New
                                     -5102 Nov 15 j 08:00:40 ●
-5103 Jul 14 j 18:41:27 ●
                                     -5102 Nov 21 j 23:45:05 ● New
-5103 Jul 22 j 07:35:46 ○ Full
                                     -5102 Nov 29 j 01:05:02 ●
-5103 Jul 30 j 12:30:12 ●
                                     -5102 Dec 07 j 06:18:25 ○ Full
```

-5103 Aug 06 j 12:44:50 ● New -5102 Dec 14 j 18:21:05 **●** -5103 Aug 13 j 04:23:54 **●** -5102 Dec 21 j 10:23:05 ● New -5103 Aug 21 j 01:11:24 ○ Full -5102 Dec 28 j 20:25:09 **●** -5103 Aug 29 j 04:43:05 **●** -5101 Jan 05 j 21:58:00 ○ Full -5103 Sep 04 j 22:48:22 ● New -5101 Jan 13 j 01:48:52 **●** -5103 Sep 11 j 17:49:42 **●** -5101 Jan 19 j 21:19:00 ● New -5103 Sep 19 i 20:43:03 ○ Full -5101 Jan 27 j 15:54:06 € -5103 Sep 27 j 18:25:06 **①** -5101 Feb 04 i 10:36:29 ○ Full -5103 Oct 04 j 09:52:28 ● New -5101 Feb 11 j 07:24:43 • -5103 Oct 11 j 10:57:56 € -5101 Feb 18 i 09:09:30 ● New -5103 Oct 19 i 16:21:22 ○ Full -5101 Feb 26 i 09:58:52 **●** -5103 Oct 27 j 05:25:12 **①** -5101 Mar 05 i 20:35:44 ○ Full -5103 Nov 02 j 21:53:47 ● New -5101 Mar 12 j 12:30:43 • -5103 Nov 10 j 07:00:48 **●** -5101 Mar 19 j 22:14:13 ● New -5103 Nov 18 j 10:03:43 ○ Full -5101 Mar 28 j 01:48:39 **●** -5103 Nov 25 j 14:12:00 **①** -5101 Apr 04 j 04:34:26 ○ Full -5103 Dec 02 j 10:38:25 ● New -5101 Apr 10 j 18:36:12 **①** -5103 Dec 10 j 04:21:42 **●** -5101 Apr 18 j 12:27:20 ● New -5103 Dec 18 j 00:37:28 ○ Full -5101 Apr 26 j 15:11:31 **●** -5101 May 03 j 11:23:25 ○ Full -5103 Dec 24 j 21:35:58 **①** -5101 May 10 j 03:04:09 **①** -5102 Jan 01 j 00:03:02 ● New -5102 Jan 09 j 00:52:48 **●** -5101 May 18 j 03:26:17 ● New -5102 Jan 16 j 12:00:56 ○ Full -5101 May 26 j 02:16:54 **●** -5102 Jan 23 j 04:33:13 **①** -5101 Jun 01 j 18:05:21 ○ Full -5101 Jun 08 j 14:55:55 **●** -5102 Jan 30 j 14:15:33 ● New -5102 Feb 07 j 18:40:37 **●** -5101 Jun 16 j 18:46:15 ● New -5102 Feb 14 j 20:57:31 ○ Full -5101 Jun 24 j 11:25:10 **●** -5102 Feb 21 j 11:58:52 **●** -5101 Jul 01 j 01:51:15 ○ Full -5102 Mar 01 j 05:15:42 ● New -5101 Jul 08 j 06:34:42 **●** -5102 Mar 09 j 08:49:20 **●** -5101 Jul 16 j 10:06:20 ● New -5102 Mar 16 j 04:23:24 ○ Full -5101 Jul 23 j 19:08:47 **●** -5102 Mar 22 j 20:47:17 **①** -5101 Jul 30 j 11:49:41 ○ Full -5102 Mar 30 j 20:38:30 ● New -5101 Aug 07 j 01:34:09 **①** -5102 Apr 07 i 19:27:02 **●** -5101 Aug 15 i 01:04:38 ● New -5102 Apr 14 j 11:12:32 ○ Full -5101 Aug 22 j 02:17:48 **●** -5102 Apr 21 i 07:50:41 **①** -5101 Aug 29 i 00:47:26 O Full -5102 Apr 29 j 11:39:48 ● New -5101 Sep 05 j 22:40:48 **①** -5102 May 07 j 03:22:34 **●** -5101 Sep 13 j 15:13:05 ● New -5102 May 13 j 18:17:27 ○ Full -5101 Sep 20 j 09:58:39 **●** -5102 May 20 j 21:48:58 **①** -5101 Sep 27 j 16:47:22 O Full -5101 Oct 05 j 20:07:33 • -5102 May 29 j 01:41:12 ● New -5102 Jun 05 j 09:41:11 **●** -5101 Oct 13 j 04:04:14 ● New -5102 Jun 12 j 02:35:30 ○ Full -5101 Oct 19 j 19:19:23 **●** -5102 Jun 19 j 14:49:34 **①** -5101 Oct 27 j 11:01:00 ○ Full -5102 Jun 27 j 14:32:25 ● New -5101 Nov 04 j 15:53:41 **①** -5102 Jul 04 j 15:31:22 **●** -5101 Nov 11 j 15:26:40 ● New -5102 Jul 11 j 13:09:40 ○ Full -5101 Nov 18 j 07:04:38 **●** -5102 Jul 19 j 10:09:10 **①** -5101 Nov 26 j 06:06:42 ○ Full -5102 Jul 27 j 02:32:15 ● New -5101 Dec 04 j 08:15:36 **●** -5102 Aug 02 j 22:01:15 **●** -5101 Dec 11 j 01:32:58 ● New -5102 Aug 10 j 02:54:50 ○ Full -5101 Dec 17 j 21:16:33 **●**

-5101 Dec 26 j 00:37:39 ○ Full

-5102 Aug 18 j 06:17:28 **①**

-5102 Aug 25 j 14:09:09 ● New -5102 Sep 01 j 06:17:29 ● -5102 Sep 08 j 20:05:49 ○ Full