

EQUINOCCIOS Y SOLSTICIOS (GMT o UTC)

Acknowledgement

All calculations are by Fred Espenak, and he assumes full responsibility for their accuracy. Algorithms used in predicting Earth's solstices and equinoxes are based on [Astronomical Algorithms](#) by Jean Meeus (Willmann-Bell, Inc., Richmond, 1998).

Permission is freely granted to reproduce this data when accompanied by the acknowledgment:

"Solstice and Equinox Table Courtesy of Fred Espenak, www.Astropixels.com".

Solstices and Equinoxes: 2001 to 2050

Greenwich Mean Time (GMT)

Year	Spring Equinox	Summer Solstice	Fall Equinox	Winter Solstice
2001	Mar 20 13:31	Jun 21 07:38	Sep 22 23:05	Dec 21 19:22
2002	Mar 20 19:16	Jun 21 13:25	Sep 23 04:56	Dec 22 01:15
2003	Mar 21 01:00	Jun 21 19:11	Sep 23 10:47	Dec 22 07:04
2004	Mar 20 06:49	Jun 21 00:57	Sep 22 16:30	Dec 21 12:42
2005	Mar 20 12:34	Jun 21 06:46	Sep 22 22:23	Dec 21 18:35
2006	Mar 20 18:25	Jun 21 12:26	Sep 23 04:04	Dec 22 00:22
2007	Mar 21 00:07	Jun 21 18:06	Sep 23 09:51	Dec 22 06:08
2008	Mar 20 05:49	Jun 21 00:00	Sep 22 15:45	Dec 21 12:04
2009	Mar 20 11:44	Jun 21 05:45	Sep 22 21:18	Dec 21 17:47
2010	Mar 20 17:32	Jun 21 11:28	Sep 23 03:09	Dec 21 23:38
2011	Mar 20 23:21	Jun 21 17:16	Sep 23 09:05	Dec 22 05:30
2012	Mar 20 05:15	Jun 20 23:08	Sep 22 14:49	Dec 21 11:12
2013	Mar 20 11:02	Jun 21 05:04	Sep 22 20:44	Dec 21 17:11
2014	Mar 20 16:57	Jun 21 10:52	Sep 23 02:30	Dec 21 23:03
2015	Mar 20 22:45	Jun 21 16:38	Sep 23 08:20	Dec 22 04:48
2016	Mar 20 04:31	Jun 20 22:35	Sep 22 14:21	Dec 21 10:45
2017	Mar 20 10:29	Jun 21 04:25	Sep 22 20:02	Dec 21 16:29
2018	Mar 20 16:15	Jun 21 10:07	Sep 23 01:54	Dec 21 22:22
2019	Mar 20 21:58	Jun 21 15:54	Sep 23 07:50	Dec 22 04:19
2020	Mar 20 03:50	Jun 20 21:43	Sep 22 13:31	Dec 21 10:03
2021	Mar 20 09:37	Jun 21 03:32	Sep 22 19:21	Dec 21 15:59
2022	Mar 20 15:33	Jun 21 09:14	Sep 23 01:04	Dec 21 21:48
2023	Mar 20 21:25	Jun 21 14:58	Sep 23 06:50	Dec 22 03:28
2024	Mar 20 03:07	Jun 20 20:51	Sep 22 12:44	Dec 21 09:20
2025	Mar 20 09:02	Jun 21 02:42	Sep 22 18:20	Dec 21 15:03
2026	Mar 20 14:46	Jun 21 08:25	Sep 23 00:06	Dec 21 20:50
2027	Mar 20 20:25	Jun 21 14:11	Sep 23 06:02	Dec 22 02:43
2028	Mar 20 02:17	Jun 20 20:02	Sep 22 11:45	Dec 21 08:20
2029	Mar 20 08:01	Jun 21 01:48	Sep 22 17:37	Dec 21 14:14
2030	Mar 20 13:51	Jun 21 07:31	Sep 22 23:27	Dec 21 20:09
2031	Mar 20 19:41	Jun 21 13:17	Sep 23 05:15	Dec 22 01:56
2032	Mar 20 01:23	Jun 20 19:09	Sep 22 11:11	Dec 21 07:57
2033	Mar 20 07:23	Jun 21 01:01	Sep 22 16:52	Dec 21 13:45
2034	Mar 20 13:18	Jun 21 06:45	Sep 22 22:41	Dec 21 19:35
2035	Mar 20 19:03	Jun 21 12:33	Sep 23 04:39	Dec 22 01:31
2036	Mar 20 01:02	Jun 20 18:31	Sep 22 10:23	Dec 21 07:12
2037	Mar 20 06:50	Jun 21 00:22	Sep 22 16:13	Dec 21 13:08
2038	Mar 20 12:40	Jun 21 06:09	Sep 22 22:02	Dec 21 19:01
2039	Mar 20 18:32	Jun 21 11:58	Sep 23 03:50	Dec 22 00:41
2040	Mar 20 00:11	Jun 20 17:46	Sep 22 09:44	Dec 21 06:33
2041	Mar 20 06:07	Jun 20 23:37	Sep 22 15:27	Dec 21 12:19
2042	Mar 20 11:53	Jun 21 05:16	Sep 22 21:11	Dec 21 18:04
2043	Mar 20 17:29	Jun 21 10:59	Sep 23 03:07	Dec 22 00:02
2044	Mar 19 23:20	Jun 20 16:50	Sep 22 08:47	Dec 21 05:43
2045	Mar 20 05:08	Jun 20 22:34	Sep 22 14:33	Dec 21 11:36
2046	Mar 20 10:58	Jun 21 04:15	Sep 22 20:22	Dec 21 17:28
2047	Mar 20 16:52	Jun 21 10:02	Sep 23 02:07	Dec 21 23:07
2048	Mar 19 22:34	Jun 20 15:54	Sep 22 08:01	Dec 21 05:02
2049	Mar 20 04:28	Jun 20 21:47	Sep 22 13:42	Dec 21 10:51
2050	Mar 20 10:20	Jun 21 03:33	Sep 22 19:29	Dec 21 16:39

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Solstices and Equinoxes: 2051 to 2100

Greenwich Mean Time (GMT)

Year	Spring Equinox	Summer Solstice	Fall Equinox	Winter Solstice
2051	Mar 20 15:58	Jun 21 09:17	Sep 23 01:26	Dec 21 22:33
2052	Mar 19 21:56	Jun 20 15:16	Sep 22 07:16	Dec 21 04:18
2053	Mar 20 03:46	Jun 20 21:03	Sep 22 13:05	Dec 21 10:09
2054	Mar 20 09:35	Jun 21 02:47	Sep 22 19:00	Dec 21 16:10
2055	Mar 20 15:28	Jun 21 08:39	Sep 23 00:48	Dec 21 21:56
2056	Mar 19 21:11	Jun 20 14:29	Sep 22 06:40	Dec 21 03:52
2057	Mar 20 03:08	Jun 20 20:19	Sep 22 12:23	Dec 21 09:42
2058	Mar 20 09:04	Jun 21 02:03	Sep 22 18:07	Dec 21 15:24
2059	Mar 20 14:44	Jun 21 07:47	Sep 23 00:03	Dec 21 21:18
2060	Mar 19 20:37	Jun 20 13:44	Sep 22 05:47	Dec 21 03:00
2061	Mar 20 02:26	Jun 20 19:33	Sep 22 11:31	Dec 21 08:49
2062	Mar 20 08:07	Jun 21 01:10	Sep 22 17:19	Dec 21 14:42
2063	Mar 20 13:59	Jun 21 07:02	Sep 22 23:08	Dec 21 20:22
2064	Mar 19 19:40	Jun 20 12:47	Sep 22 04:58	Dec 21 02:10
2065	Mar 20 01:27	Jun 20 18:31	Sep 22 10:41	Dec 21 07:59
2066	Mar 20 07:19	Jun 21 00:16	Sep 22 16:27	Dec 21 13:45
2067	Mar 20 12:55	Jun 21 05:56	Sep 22 22:20	Dec 21 19:44
2068	Mar 19 18:51	Jun 20 11:55	Sep 22 04:09	Dec 21 01:34
2069	Mar 20 00:44	Jun 20 17:40	Sep 22 09:51	Dec 21 07:21
2070	Mar 20 06:35	Jun 20 23:22	Sep 22 15:45	Dec 21 13:19
2071	Mar 20 12:36	Jun 21 05:21	Sep 22 21:39	Dec 21 19:05
2072	Mar 19 18:19	Jun 20 11:12	Sep 22 03:26	Dec 21 00:54
2073	Mar 20 00:12	Jun 20 17:06	Sep 22 09:14	Dec 21 06:50
2074	Mar 20 06:09	Jun 20 22:59	Sep 22 15:04	Dec 21 12:36
2075	Mar 20 11:48	Jun 21 04:41	Sep 22 21:00	Dec 21 18:28
2076	Mar 19 17:37	Jun 20 10:35	Sep 22 02:48	Dec 21 00:12
2077	Mar 19 23:30	Jun 20 16:23	Sep 22 08:35	Dec 21 06:00
2078	Mar 20 05:11	Jun 20 21:58	Sep 22 14:25	Dec 21 11:59
2079	Mar 20 11:03	Jun 21 03:51	Sep 22 20:15	Dec 21 17:46
2080	Mar 19 16:43	Jun 20 09:33	Sep 22 01:55	Dec 20 23:31
2081	Mar 19 22:34	Jun 20 15:16	Sep 22 07:38	Dec 21 05:22
2082	Mar 20 04:32	Jun 20 21:04	Sep 22 13:24	Dec 21 11:06
2083	Mar 20 10:08	Jun 21 02:41	Sep 22 19:10	Dec 21 16:51
2084	Mar 19 15:58	Jun 20 08:39	Sep 22 00:58	Dec 20 22:40
2085	Mar 19 21:53	Jun 20 14:33	Sep 22 06:43	Dec 21 04:29
2086	Mar 20 03:36	Jun 20 20:11	Sep 22 12:33	Dec 21 10:24
2087	Mar 20 09:27	Jun 21 02:05	Sep 22 18:27	Dec 21 16:07
2088	Mar 19 15:16	Jun 20 07:57	Sep 22 00:18	Dec 20 21:56
2089	Mar 19 21:07	Jun 20 13:43	Sep 22 06:07	Dec 21 03:53
2090	Mar 20 03:03	Jun 20 19:37	Sep 22 12:01	Dec 21 09:45
2091	Mar 20 08:40	Jun 21 01:17	Sep 22 17:49	Dec 21 15:37
2092	Mar 19 14:33	Jun 20 07:14	Sep 21 23:41	Dec 20 21:31
2093	Mar 19 20:35	Jun 20 13:08	Sep 22 05:30	Dec 21 03:21
2094	Mar 20 02:20	Jun 20 18:40	Sep 22 11:15	Dec 21 09:11
2095	Mar 20 08:14	Jun 21 00:38	Sep 22 17:10	Dec 21 15:00
2096	Mar 19 14:03	Jun 20 06:31	Sep 21 22:55	Dec 20 20:46
2097	Mar 19 19:49	Jun 20 12:14	Sep 22 04:37	Dec 21 02:38
2098	Mar 20 01:38	Jun 20 18:01	Sep 22 10:22	Dec 21 08:19
2099	Mar 20 07:17	Jun 20 23:41	Sep 22 16:10	Dec 21 14:04
2100	Mar 20 13:04	Jun 21 05:32	Sep 22 22:00	Dec 21 19:51