From <https://data.giss.nasa.gov/ar5/srvernal.html> 20180205:

Solar Events in Greenwich Mean Time; Tropical Year = 365.2425 (days)

Vernal Summer Autumnal Winter

Year Equinox Solstice Equinox Solstice Perihelion Aphelion

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1987 3/21 3:50 6/21 22:18 9/23 13:43 12/22 9:40 1/03 14:19 7/05 5:14

1988 3/20 9:40 6/21 4:06 9/22 19:32 12/21 15:30 1/03 20:33 7/04 11:28

1989 3/20 15:29 6/21 9:54 9/23 1:21 12/21 21:20 1/03 2:47 7/04 17:42

1990 3/20 21:18 6/21 15:42 9/23 7:09 12/22 3:09 1/03 9:01 7/04 23:56

1991 3/21 3:07 6/21 21:31 9/23 12:58 12/22 8:59 1/03 15:15 7/05 6:10

1992 3/20 8:56 6/21 3:19 9/22 18:47 12/21 14:49 1/03 21:29 7/04 12:24

1993 3/20 14:46 6/21 9:07 9/23 0:35 12/21 20:39 1/03 3:43 7/04 18:38

1994 3/20 20:35 6/21 14:55 9/23 6:24 12/22 2:28 1/03 9:57 7/05 0:52

1995 3/21 2:24 6/21 20:43 9/23 12:13 12/22 8:18 1/03 16:11 7/05 7:06

1996 3/20 8:13 6/21 2:31 9/22 18:01 12/21 14:08 1/03 22:25 7/04 13:20

1997 3/20 14:02 6/21 8:19 9/22 23:50 12/21 19:57 1/03 4:39 7/04 19:34

1998 3/20 19:52 6/21 14:07 9/23 5:39 12/22 1:47 1/03 10:53 7/05 1:47

1999 3/21 1:41 6/21 19:56 9/23 11:28 12/22 7:37 1/03 17:07 7/05 8:01

2000 3/20 7:30 6/21 1:44 9/22 17:16 12/21 13:27 1/03 23:21 7/04 14:15

2001 3/20 13:19 6/21 7:32 9/22 23:05 12/21 19:16 1/03 5:35 7/04 20:29

2002 3/20 19:08 6/21 13:20 9/23 4:54 12/22 1:06 1/03 11:49 7/05 2:43

2003 3/21 0:58 6/21 19:08 9/23 10:42 12/22 6:56 1/03 18:03 7/05 8:57

2004 3/20 6:47 6/21 0:56 9/22 16:31 12/21 12:46 1/04 0:17 7/04 15:11

2005 3/20 12:36 6/21 6:44 9/22 22:20 12/21 18:35 1/03 6:31 7/04 21:25

2006 3/20 18:25 6/21 12:32 9/23 4:08 12/22 0:25 1/03 12:45 7/05 3:39

2007 3/21 0:14 6/21 18:21 9/23 9:57 12/22 6:15 1/03 18:59 7/05 9:53

2008 3/20 6:04 6/21 0:09 9/22 15:46 12/21 12:04 1/04 1:13 7/04 16:07

2009 3/20 11:53 6/21 5:57 9/22 21:34 12/21 17:54 1/03 7:27 7/04 22:21

2010 3/20 17:42 6/21 11:45 9/23 3:23 12/21 23:44 1/03 13:40 7/05 4:35

2011 3/20 23:31 6/21 17:33 9/23 9:12 12/22 5:34 1/03 19:54 7/05 10:49

2012 3/20 5:20 6/20 23:21 9/22 15:01 12/21 11:23 1/04 2:08 7/04 17:03

2013 3/20 11:10 6/21 5:09 9/22 20:49 12/21 17:13 1/03 8:22 7/04 23:17

2014 3/20 16:59 6/21 10:57 9/23 2:38 12/21 23:03 1/03 14:36 7/05 5:31

2015 3/20 22:48 6/21 16:46 9/23 8:27 12/22 4:53 1/03 20:50 7/05 11:45

2016 3/20 4:37 6/20 22:34 9/22 14:15 12/21 10:42 1/04 3:04 7/04 17:59

2017 3/20 10:26 6/21 4:22 9/22 20:04 12/21 16:32 1/03 9:18 7/05 0:13

2018 3/20 16:16 6/21 10:10 9/23 1:53 12/21 22:22 1/03 15:32 7/05 6:27

2019 3/20 22:05 6/21 15:58 9/23 7:41 12/22 4:11 1/03 21:46 7/05 12:41

2020 3/20 3:54 6/20 21:46 9/22 13:30 12/21 10:01 1/04 4:00 7/04 18:55