Earth's Seasons

Equinoxes, Solstices, Perihelion, and Aphelion from 1992 to 2020 www.vaxasoftware.com

Universal time

1992		d h			d h m		d h m
Perihelion	Jan	3 15	Equinoxes	Mar	20 08 48	Sept	22 18 43
Aphelion	July	3 12	Solstices	June	21 03 14	Dec	21 14 43
1993							
Perihelion	Jan	4 03	Equinoxes	Mar	20 14 41	Sept	23 00 22
Aphelion	July	4 22	Solstices	June	21 09 00	Dec	21 20 26
1994							
Perihelion	Jan	2 06	Equinoxes	Mar	20 20 28	Sept	23 06 19
Aphelion	July	5 19	Solstices	June	21 14 48	Dec	22 02 23
1995							
Perihelion	Jan	4 11	Equinoxes	Mar	21 02 14	Sept	23 12 13
Aphelion	July	4 02	Solstices	June	21 20 34	Dec	22 08 17
1996							
Perihelion	Jan	4 07	Equinoxes	Mar	20 08 03	Sept	22 18 00
Aphelion	July	5 18	Solstices	June	21 02 24	Dec	21 14 06
1997							
Perihelion	Jan	2 00	Equinoxes	Mar	20 13 55	Sept	22 23 56
Aphelion	July	4 19	Solstices	June	21 08 20	Dec	21 20 07
1998							
Perihelion	Jan	4 21	Equinoxes	Mar	20 19 55	Sept	23 05 37
Aphelion	July	4 00	Solstices	June	21 14 03	Dec	22 01 56
1999							
Perihelion	Jan	3 13	Equinoxes	Mar	21 01 46	Sept	23 11 31
Aphelion	July	6 22	Solstices	June	21 19 49	Dec	22 07 44
2000							
Perihelion	Jan	3 05	Equinoxes	Mar	20 07 35	Sept	22 17 27
Aphelion	July	4 00	Solstices	June	21 01 48	Dec	21 13 37
2001							
Perihelion	Jan	4 09	Equinoxes	Mar	20 13 31	Sept	22 23 04
Aphelion	July	4 14	Solstices	June	21 07 38	Dec	21 19 21
2002							
Perihelion	Jan	2 14	Equinoxes	Mar	20 19 16	Sept	23 04 55
Aphelion	July	6 04	Solstices	June	21 13 24	Dec	22 01 14
2003							
Perihelion	Jan	4 05	Equinoxes	Mar	21 01 00	Sept	23 10 47
Aphelion	July	4 06	Solstices	June	21 19 10	Dec	22 07 04
2004							
Perihelion	Jan	4 18	Equinoxes	Mar	20 06 49	Sept	22 16 30
Aphelion	July	5 11	Solstices	June	21 00 57	Dec	21 12 42
2005							
Perihelion	Jan	2 01	Equinoxes	Mar	20 12 33	Sept	22 22 23
Aphelion	July	5 05	Solstices	June	21 06 46	Dec	21 18 35
2006							
Perihelion	Jan	4 15	Equinoxes	Mar	20 18 26	Sept	23 04 03
Aphelion	July	3 23	Solstices	June	21 12 26	Dec	22 00 22

2007		d h			d h m		d h m
Perihelion	Jan	3 20	Equinoxes	Mar	21 00 07	Sept	23 09 51
Aphelion	July	7 00	Solstices	June	21 18 06	Dec	22 06 08
2008							
Perihelion	Jan	3 00	Equinoxes	Mar	20 05 48	Sept	22 15 44
Aphelion	July	4 08	Solstices	June	20 23 59	Dec	21 12 04
2009							
Perihelion	Jan	4 15	Equinoxes	Mar	20 11 44	Sept	22 21 18
Aphelion	July	4 02	Solstices	June	21 05 45	Dec	21 17 47
2010							
Perihelion	Jan	3 00	Equinoxes	Mar	20 17 32	Sept	23 03 09
Aphelion	July	6 11	Solstices	June	21 11 28	Dec	21 23 38
2011							
Perihelion	Jan	3 19	Equinoxes	Mar	20 23 21	Sept	23 09 04
Aphelion	July	4 15	Solstices	June	21 17 16	Dec	22 05 30
2012							
Perihelion	Jan	5 00	Equinoxes	Mar	20 05 14	Sept	22 14 49
Aphelion	July	5 03	Solstices	June	20 23 09	Dec	21 11 11
2013							
Perihelion	Jan	2 05	Equinoxes	Mar	20 11 02	Sept	22 20 44
Aphelion	July	5 15	Solstices	June	21 05 04	Dec	21 17 11
2014							
Perihelion	Jan	4 12	Equinoxes	Mar	20 16 57	Sept	23 02 29
Aphelion	July	4 00	Solstices	June	21 10 51	Dec	21 23 03
2015							
Perihelion	Jan	4 07	Equinoxes	Mar	20 22 45	Sept	23 08 20
Aphelion	July	6 19	Solstices	June	21 16 38	Dec	22 04 48
2016							
Perihelion	Jan	2 23	Equinoxes	Mar	20 04 30	Sept	22 14 21
Aphelion	July	4 16	Solstices	June	20 22 34	Dec	21 10 44
2017							
Perihelion	Jan	4 14	Equinoxes	Mar	20 10 28	Sept	22 20 02
Aphelion	July	3 20	Solstices	June	21 04 24	Dec	21 16 28
2018							
Perihelion	Jan	3 06	Equinoxes	Mar	20 16 15	Sept	23 01 54
Aphelion	July	6 17	Solstices	June	21 10 07	Dec	21 22 22
2019							
Perihelion	Jan	3 05	Equinoxes	Mar	20 21 58	Sept	23 07 50
Aphelion	July	4 22	Solstices	June	21 15 54	Dec	22 04 19
2020							
Perihelion	Jan	5 08	Equinoxes	Mar	20 03 49	Sept	22 13 30
Aphelion	July	4 12	Solstices	June	20 21 43	Dec	21 10 02

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