

Earth's Seasons
Equinoxes, Solstices, Perihelion, and Aphelion, 2000-2020

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NOTE: In the tables, **d, h, m** indicate **day, hour, and minute**, respectively, of [Universal Time](#).

Universal Time

			d	h				d	h	m				d	h	m
2000					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					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					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					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					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					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					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					2007											
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					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					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					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					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					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					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					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					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					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				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				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				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				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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