



Astrodienst Ephemeris Tables for the year 2225

tropical geocentric zodiac

contains Sun, Moon, Mercury, Venus, Mars, Jupiter, Saturn, Uranus, Neptune, Pluto, True Node, Moon's Node, Lilith, Chiron

Programming
Dieter Koch and Alois Treindl
based on Swiss Ephemeris
Code D5EPX

ASTRODIENST EPHEMERIS for the year 2225

geocentric

JANUARY 2225

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	6 41 52	10°31'48"	11°17'50"	17°32'21"	10°48'49"	28°11'30"	14°17'53"	12°33'38"	26°11'09"	19°19'23"	17°17'38"	3°19'37"	3°17'20"	28°18'29"	25°19'33"	S 1
S 2	6 45 48	11°15'55"	25°11'11"	18°58'10"	10°52'29"	29°10'14"	14°58'12"	12°45'26"	26°11'19"	19°11'21"	17°39'36"	3°17'37"	3°17'20"	28°36'25"	25°19'32"	S 2
M 3	6 49 45	12°17'03"	8°48'20"	20°35'10"	10°52'29"	29°50'15"	15°03'12"	12°52'26"	26°13'19"	19°20'20"	17°39'30"	3°17'37"	3°14'14"	28°43'25"	25°32'10"	M 3
T 4	6 53 41	13°18'11"	22°43'22"	22°12'10"	10°51'00"	0°10'15"	15°08'13"	13°07'26"	26°14'19"	19°18'18"	17°40'30"	3°17'37"	3°11'11"	28°49'25"	25°32'10"	T 4
W 5	6 57 38	14°19'20"	6°11'23"	23°50'10"	10°46'10"	1°10'15"	15°13'13"	13°07'26"	26°16'19"	19°17'17"	17°40'30"	3°17'37"	3°07'28"	28°56'25"	25°32'10"	W 5
T 6	7 1 35	15°20'29"	21°21'25"	25°27'10"	10°39'15"	1°50'15"	15°19'13"	13°14'26"	26°17'19"	19°15'15"	17°41'30"	3°18'30"	3°04'29"	29°03'25"	25°32'10"	T 6
F 7	7 5 31	16°21'39"	6°17'27"	27°05'10"	10°30'23"	2°30'15"	15°24'13"	13°21'26"	26°18'19"	19°14'14"	17°41'30"	3°19'30"	3°01'29"	29°09'25"	25°32'10"	F 7
S 8	7 9 28	17°22'49"	20°46'28"	28°43'10"	10°18'31"	3°10'15"	15°30'13"	13°28'26"	26°20'19"	19°12'12"	17°42'30"	3°20'30"	2°58'29"	29°16'25"	25°32'10"	S 8
S 9	7 13 24	18°23'59"	5°33'00"	0°20'10"	10°04'35"	3°50'15"	15°36'13"	13°35'26"	26°21'19"	19°11'17"	17°42'30"	3°20'30"	2°55'29"	29°23'25"	25°32'10"	S 9
M10	7 17 21	19°25'09"	20°12'15"	1°58'9"	9°47'43"	4°31'15"	15°42'13"	13°42'26"	26°22'19"	19°10'17"	17°42'30"	3°20'30"	2°52'29"	29°29'25"	25°32'10"	M10
T 11	7 21 17	20°26'19"	4°38'33"	3°35'9"	9°28'51"	5°11'15"	15°48'13"	13°49'26"	26°23'19"	19°08'17"	17°43'30"	3°20'30"	2°48'29"	29°36'25"	25°33'10"	T 11
W12	7 25 14	21°27'29"	18°44'51"	5°11'9"	9°07'55"	5°51'15"	15°55'13"	13°56'26"	26°24'19"	19°07'17"	17°43'30"	3°20'30"	2°45'29"	29°43'25"	25°33'10"	W12
T 13	7 29 11	22°28'38"	2°12'28"	6°47'8"	8°43'6"	6°31'16"	16°02'14"	13°26'25"	26°25'19"	19°05'17"	17°43'30"	3°20'30"	2°42'29"	29°49'25"	25°33'10"	T 13
F 14	7 33 7	23°29'47"	15°46'8"	8°23'8"	8°17'7"	7°12'16"	16°08'14"	13°26'26"	26°26'19"	19°04'17"	17°44'30"	3°20'30"	2°39'29"	29°56'25"	25°34'10"	F 14
S 15	7 37 4	24°30'55"	28°40'9"	9°57'7"	7°49'7"	7°52'16"	16°15'14"	13°27'26"	26°27'19"	19°03'17"	17°44'30"	3°20'30"	2°36'00"	0°11'29"	25°34'10"	S 15
S 16	7 41 0	25°32'03"	11°17'11"	11°30'13"	7°20'6"	8°32'9"	16°22'14"	13°27'26"	26°28'19"	19°01'17"	17°44'30"	3°20'30"	2°33'00"	0°09'25"	25°35'10"	S 16
M17	7 44 57	26°33'10"	23°27'13"	13°02'6"	6°48'9"	9°13'16"	16°30'14"	13°27'26"	26°29'19"	19°00'17"	17°44'30"	3°20'30"	2°29'00"	0°16'25"	25°36'10"	M17
T 18	7 48 53	27°34'17"	5°18'28"	14°31'6"	6°16'9"	9°53'16"	16°37'14"	13°27'26"	26°30'18"	18°59'17"	17°44'30"	3°20'30"	2°26'00"	0°23'25"	25°36'10"	T 18
W19	7 52 50	28°35'23"	17°21'15"	15°58'54"	5°41'10"	10°33'16"	16°45'14"	13°27'26"	26°30'18"	18°58'17"	17°44'30"	3°20'30"	2°23'00"	0°29'25"	25°37'10"	W19
T 20	7 56 46	29°36'28"	20°09'17"	17°23'56"	5°06'11"	11°14'16"	16°52'14"	13°27'26"	26°31'18"	18°56'17"	17°44'30"	3°20'30"	2°20'00"	0°36'25"	25°38'10"	T 20
F 21	8 0 43	0°33'33"	10°11'59"	18°44'43"	4°30'11"	11°54'17"	17°00'14"	13°27'26"	26°32'18"	18°55'17"	17°44'30"	3°20'30"	2°17'00"	0°43'25"	25°39'10"	F 21
S 22	8 4 40	1°38'37"	22°54'20"	1°01'35"	3°53'12"	12°34'17"	17°08'15"	13°27'26"	26°32'18"	18°54'17"	17°44'30"	3°20'30"	2°13'00"	0°49'25"	25°39'10"	S 22
S 23	8 8 36	2°39'40"	4°58'21"	1°13'31"	3°17'13"	13°15'17"	17°17'15"	13°27'26"	26°33'18"	18°53'17"	17°44'30"	3°20'30"	2°10'00"	0°56'25"	25°40'10"	S 23
M24	8 12 33	3°40'43"	17°14'22"	2°20'23"	2°39'13"	13°55'17"	17°25'15"	13°27'26"	26°33'18"	18°52'17"	17°44'30"	3°20'30"	2°07'10"	1°03'25"	25°41'10"	M24
T 25	8 16 29	4°41'44"	29°43'23"	2°03'14"	2°03'14"	14°36'17"	17°33'15"	13°27'26"	26°33'18"	18°51'17"	17°44'30"	3°20'30"	2°04'10"	1°10'25"	25°42'10"	T 25
W26	8 20 26	5°42'46"	12°12'28"	2°45'15"	1°26'15"	15°16'17"	17°42'15"	13°27'26"	26°34'18"	18°50'17"	17°44'30"	3°20'30"	2°01'10"	1°16'25"	25°44'10"	W26
T 27	8 24 22	6°43'46"	25°27'25"	1°25'00"	0°51'15"	15°57'17"	17°51'15"	13°27'26"	26°34'18"	18°49'17"	17°43'30"	3°19'30"	1°58'10"	1°23'25"	25°45'10"	T 27
F 28	8 28 19	7°44'46"	8°17'40"	25°38'00"	0°16'16"	16°37'18"	18°00'15"	13°27'26"	26°34'18"	18°48'17"	17°43'30"	3°19'30"	1°54'10"	1°29'25"	25°46'10"	F 28
S 29	8 32 15	8°45'45"	22°05'26"	2°06'29"	0°42'17"	17°18'18"	18°09'15"	13°27'26"	26°34'18"	18°47'17"	17°43'30"	3°19'30"	1°51'10"	1°36'25"	25°47'10"	S 29
S 30	8 36 12	9°46'43"	5°43'26"	2°23'29"	1°10'17"	17°58'18"	18°18'16"	13°27'26"	26°34'18"	18°46'17"	17°42'30"	3°19'30"	1°48'10"	1°43'25"	25°49'10"	S 30
M31	8 40 9	10°47'41"	19°30'26"	2°30'28"	1°40'28"	18°39'18"	18°17'16"	13°27'26"	26°34'18"	18°45'17"	17°42'30"	3°19'30"	1°45'10"	1°49'25"	25°50'10"	M31

Day	☉	☾		♊		♋		♌		♍		♎		♏		♐		♑		♒		♓		♈	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
S 1	23s 1	11n39	4n55	24s22	2s 6	16s29	1n 3	19s25	0n24	4n40	1s18	22s19	0n30	9s32	0n36	21n32	1s28	8n45	16n55	23n22	23n22	16n56	10n13	0n23	
S 2	22 56	6 43	5 14	24 10	2 7	16 15	1 17	19 34	0 23	4 42	1 18	22 18	0 30	9 32	0 36	21 31	1 28	8 45	16 56	23 22	23 22	16 58	10 13	0 23	
M 3	22 51	1 22	5 16	23 57	2 8	16 2	1 31	19 43	0 22	4 44	1 18	22 18	0 30	9 33	0 36	21 31	1 28	8 45	16 57	23 22	23 22	17 0	10 13	0 23	
T 4	22 45	4s11	5 0	23 42	2 9	15 49	1 45	19 52	0 22	4 46	1 17	22 17	0 30	9 33	0 36	21 31	1 28	8 46	16 57	23 22	23 22	17 2	10 13	0 23	
W 5	22 38	9 37	4 25	23 26	2 10	15 36	1 59	20 1	0 21	4 48	1 17	22 16	0 30	9 34	0 36	21 31	1 28	8 46	16 58	23 22	23 22	17 4	10 13	0 23	
T 6	22 32	14 38	3 34	23 9	2 9	15 23	2 14	20 10	0 21	4 51	1 17	22 16	0 29	9 34	0 36	21 31	1 28	8 46	16 58	23 22	23 22	17 6	10 13	0 23	
F 7	22 25	18 52	2 27	22 49	2 9	15 11	2 29	20 18	0 20	4 53	1 16	22 15	0 29	9 35	0 36	21 31	1 28	8 47	16 59	23 22	23 23	17 8	10 13	0 22	
S 8	22 17	21 55	1 11	22 29	2 8	15 0	2 44	20 27	0 19	4 55	1 16	22 15	0 29	9 35	0 36	21 31	1 28	8 47	17 0	23 22	23 23	17 11	10 13	0 22	
S 9	22 9	23 28	0s10	22 7	2 6	14 49	3 0	20 35	0 19	4 58	1 16	22 14	0 29	9 35	0 36	21 31	1 28	8 47	17 0	23 22	23 23	17 13	10 12	0 22	
M10	22 0	23 23	1 30	21 43	2 4	14 38	3 15	20 43	0 18	5 1	1 16	22 13	0 29	9 36	0 36	21 31	1 28	8 48	17 1	23 22	23 23	17 15	10 12	0 22	
T 11	21 51	21 43	2 43	21 18	2 2	14 29	3 31	20 51	0 18	5 3	1 15	22 13	0 29	9 36	0 36	21 31	1 28	8 48	17 1	23 22	23 23	17 17	10 12	0 22	
W12	21 42	18 44	3 44	20 51	1 58	14 19	3 46	20 59	0 17	5 6	1 15	22 12	0 29	9 37	0 36	21 31	1 28	8 49	17 2	23 22	23 23	17 19	10 13	0 22	
T 13	21 32	14 47	4 30	20 24	1 54	14 10	4 1	21 6	0 16	5 9	1 15	22 11	0 29	9 37	0 36	21 31	1 28	8 49	17 2	23 22	23 23	17 21	10 13	0 22	
F 14	21 22	10 13	5 1	19 55	1 50	14 2	4 17	21 14	0 16	5 12	1 14	22 11	0 29	9 37	0 36	21 30	1 27	8 50	17 3	23 22	23 23	17 23	10 13	0 22	
S 15	21 12	5 20	5 14	19 24	1 44	13 54	4 32	21 21	0 15	5 15	1 14	22 10	0 29	9 38	0 36	21 30	1 27	8 50	17 4	23 22	23 23	17 25	10 13	0 22	
S 16	21 0	0 22	5 13	18 53	1 38	13 47	4 47	21 28	0 14	5 18	1 14	22 9	0 29	9 38	0 37	21 30	1 27	8 51	17 4	23 22	23 23	17 28	10 13	0 22	
M17	20 49	4n30	4 56	18 21	1 31	13 41	5 2	21 35	0 14	5 21	1 14	22 9	0 29	9 38	0 37	21 30	1 27	8 51	17 5	23 22	23 23	17 30	10 13	0 22	
T 18	20 37	9 7	4 28	17 47	1 24	13 35	5 16	21 41	0 13	5 24	1 13	22 8	0 29	9 38	0 37	21 30	1 27	8 52	17 5	23 22	23 23	17 32	10 13	0 21	
W19	20 25	13 21	3 48	17 14	1 15	13 30	5 30	21 48	0 12	5 27	1 13	22 7	0 29	9 39	0 37	21 30	1 27	8 52	17 6	23 22	23 23	17 34	10 13	0 21	
T 20	20 12	17 3	2 58	16 39	1 6	13 25	5 43	21 54	0 12	5 30	1 13	22 6	0 29	9 39	0 37	21 30	1 27	8 53	17 7	23 22	23 23	17 36	10 14	0 21	
F 21	20 0	20 4	2 1	16 4	0 55	13 21	5 56	22 0	0 11	5 33	1 13	22 6	0 29	9 39	0 37	21 30	1 27	8 53	17 7	23 22	23 23	17 38	10 14	0 21	
S 22	19 46	22 15	0 58	15 30	0 44	13 18	6 8	22 6	0 10	5 37	1 12	22 5	0 28	9 39	0 37	21 30	1 27	8 54	17 8	23 22	23 23	17 40	10 14	0 21	
S 23	19 32	23 27	0n 8	14 55	0 32	13 15	6 19	22 12	0 10	5 40	1 12	22 4	0 28	9 39	0 37	21 30	1 27	8 54	17 8	23 22	23 24	17 42	10 14	0 21	
M24	19 18	23 32	1 14	14 21	0 19	13 12	6 30	22 18	0 9	5 43	1 12	22 4	0 28	9 39	0 37	21 30	1 27	8 55	17 9	23 22	23 24	17 44	10 15	0 21	
T 25	19 4	22 26	2 19	13 48	0 5	13 11	6 40	22 23	0 8	5 47	1 12	22 3	0 28	9 40	0 37	21 30	1 27	8 55	17 9	23 22	23 24	17 46	10 15	0 21	
W26	18 49	20 11	3 17	13 16	0n10	13 10	6 49	22 28	0 7	5 50	1 11	22 2	0 28	9 40	0 37	21 30	1 27	8 56	17 10	23 22	23 24	17 48	10 15	0 21	
T 27	18 34	16 53	4 6	12 46	0 26	13 9	6 57	22 33	0 7	5 54	1 11	22 1	0 28	9 40	0 37	21 30	1 27	8 57	17 11	23 22	23 24	17 51	10 15	0 21	
F 28	18 19	12 41	4 43	12 18	0 42	13 9	7 5	22 38	0 6	5 57	1 11	22 1	0 28	9 40	0 37	21 30	1 27	8 57	17 11	23 22	23 24	17 53	10 16	0 21	
S 29	18 3	7 48	5 5	11 53	0 59	13 9	7 11	22 43	0 5	6 1	1 11	22 0	0 28	9 40	0 37	21 30	1 27	8 58	17 12	23 22	23 24	17 55	10 16	0 20	
S 30	17 47	2 29	5 11	11 30	1 16	13 10	7 17	22 47	0 5	6 5	1 10	21 59	0 28	9 40	0 37	21 30	1 27	8 59	17 12	23 23	23 24	17 57	10 17	0 20	
M31	17s30	3s 1	4n58	11s12	1n34	13s11	7n22	22s52	0n 4	6n 9	1s10	21s59	0n28	9s40	0n37	21n30	1s27	8n59	17n13	23n23	23n24	17n59	10n17	0n20	

ASTRODIENST EPHEMERIS for the year 2225

geocentric

FEBRUARY 2225

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	8 44 5	11°48'39	3♈26	26°R25	28°R11	19°♈19	18°♈37	16°♈14	26°R34	18°R44	17°R42	2°R57	1°D42	1°II56	25°V51	T 1
W 2	8 48 2	12°49'36	17°30	26°♈9	27°♈44	20° 0	18°46	16°20	26°♈34	18°II43	17°♈41	2°D56	1°39	2° 3	25°53	W 2
T 3	8 51 58	13°50'32	1°♈40	25°42	27°19	20°41	18°56	16°27	26°34	18°42	17°41	2°D57	1°35	2° 9	25°55	T 3
F 4	8 55 55	14°51'28	15°55	25° 4	26°57	21°21	19° 6	16°34	26°34	18°41	17°40	2°59	1°32	2°16	25°56	F 4
S 5	8 59 51	15°52'23	0°♈13	24°16	26°37	22° 2	19°16	16°40	26°33	18°41	17°40	3°R 0	1°29	2°23	25°58	S 5
S 6	9 3 48	16°53'17	14°31	23°19	26°19	22°43	19°26	16°46	26°33	18°40	17°39	2°59	1°26	2°29	25°59	S 6
M 7	9 7 44	17°54'10	28°45	22°16	26° 3	23°23	19°36	16°53	26°33	18°39	17°39	2°57	1°23	2°36	26° 1	M 7
T 8	9 11 41	18°55'03	12°♈50	21° 7	25°50	24° 4	19°46	16°59	26°32	18°38	17°38	2°52	1°19	2°43	26° 3	T 8
W 9	9 15 38	19°55'54	26°42	19°56	25°40	24°45	19°57	17° 6	26°32	18°38	17°37	2°45	1°16	2°49	26° 5	W 9
T 10	9 19 34	20°56'44	10°♈17	18°43	25°32	25°25	20° 7	17°12	26°31	18°37	17°37	2°36	1°13	2°56	26° 7	T 10
F 11	9 23 31	21°57'33	23°32	17°31	25°26	26° 6	20°18	17°18	26°31	18°37	17°36	2°27	1°10	3° 3	26° 9	F 11
S 12	9 27 27	22°58'20	6°♈27	16°22	25°23	26°47	20°29	17°24	26°30	18°36	17°35	2°19	1° 7	3° 9	26°11	S 12
S 13	9 31 24	23°59'06	19° 1	15°17	25°D22	27°28	20°40	17°31	26°29	18°36	17°34	2°11	1° 4	3°16	26°13	S 13
M14	9 35 20	24°59'50	1°♈17	14°19	25°24	28° 8	20°51	17°37	26°29	18°35	17°33	2° 6	1° 0	3°23	26°15	M14
T 15	9 39 17	26° 0'33	13°19	13°26	25°28	28°49	21° 2	17°43	26°28	18°35	17°33	2° 3	0°57	3°29	26°17	T 15
W16	9 43 13	27° 1'14	25°12	12°41	25°34	29°30	21°13	17°49	26°27	18°34	17°32	2°D 2	0°54	3°36	26°19	W16
T 17	9 47 10	28° 1'54	7°II 1	12° 4	25°43	0°♈11	21°24	17°55	26°26	18°34	17°31	2° 2	0°51	3°43	26°21	T 17
F 18	9 51 7	29° 2'32	18°51	11°35	25°54	0°52	21°35	18° 1	26°25	18°33	17°30	2° 3	0°48	3°49	26°24	F 18
S 19	9 55 3	0°♈3'08	0°♈47	11°14	26° 7	1°32	21°47	18° 7	26°24	18°33	17°29	2°R 4	0°45	3°56	26°26	S 19
S 20	9 59 0	1° 3'43	12°55	11° 1	26°22	2°13	21°58	18°13	26°23	18°33	17°28	2° 3	0°41	4° 3	26°28	S 20
M21	10 2 56	2° 4'16	25°18	10°D55	26°39	2°54	22°10	18°18	26°22	18°33	17°27	2° 1	0°38	4° 9	26°31	M21
T 22	10 6 53	3° 4'47	7°♈59	10°56	26°58	3°35	22°22	18°24	26°21	18°32	17°26	1°55	0°35	4°16	26°33	T 22
W23	10 10 49	4° 5'17	21° 1	11° 4	27°19	4°16	22°34	18°30	26°20	18°32	17°25	1°48	0°32	4°23	26°36	W23
T 24	10 14 46	5° 5'45	4°♈22	11°18	27°42	4°57	22°46	18°35	26°18	18°32	17°24	1°38	0°29	4°29	26°38	T 24
F 25	10 18 42	6° 6'12	18° 1	11°38	28° 7	5°38	22°58	18°41	26°17	18°32	17°22	1°27	0°25	4°36	26°41	F 25
S 26	10 22 39	7° 6'37	1°♈55	12° 4	28°33	6°19	23°10	18°46	26°16	18°32	17°21	1°16	0°22	4°43	26°43	S 26
S 27	10 26 35	8° 7'00	15°59	12°35	29° 1	7° 0	23°22	18°52	26°14	18°32	17°20	1° 6	0°19	4°49	26°46	S 27
M28	10 30 32	9°♈7'22	0°♈8	13°♈10	29°♈31	7°♈41	23°♈34	18°♈57	26°♈13	18°D32	17°♈19	0°♈58	0°♈16	4°II56	26°V49	M28

Day	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
T 1	17s14	8s26	4n28	10s57	1n52	13s13	7n26	22s56	0n 3	6n12	1s10	21s58	0n28	9s40	0n37	21n30
W 2	16 56	13 29	3 42	10 46	2 9	13 15	7 29	23 0	0 2	6 16	1 10	21 57	0 28	9 40	0 37	21 30
T 3	16 39	17 50	2 42	10 39	2 26	13 17	7 31	23 3	0 2	6 20	1 10	21 56	0 28	9 40	0 37	21 30
F 4	16 21	21 9	1 31	10 37	2 42	13 20	7 33	23 7	0 1	6 24	1 9	21 56	0 28	9 39	0 37	21 29
S 5	16 4	23 10	0 15	10 39	2 56	13 23	7 33	23 10	0s 0	6 28	1 9	21 55	0 28	9 39	0 37	21 29
S 6	15 45	23 39	1s 2	10 45	3 9	13 26	7 33	23 13	0 1	6 32	1 9	21 54	0 28	9 39	0 37	21 29
M 7	15 27	22 35	2 15	10 55	3 20	13 30	7 33	23 16	0 2	6 36	1 9	21 53	0 28	9 39	0 37	21 29
T 8	15 8	20 6	3 18	11 9	3 29	13 33	7 32	23 19	0 2	6 40	1 8	21 53	0 28	9 39	0 37	21 29
W 9	14 49	16 30	4 9	11 25	3 35	13 37	7 30	23 22	0 3	6 44	1 8	21 52	0 28	9 39	0 37	21 29
T 10	14 30	12 5	4 44	11 44	3 39	13 41	7 27	23 24	0 4	6 48	1 8	21 51	0 27	9 38	0 37	21 29
F 11	14 10	7 12	5 3	12 4	3 40	13 45	7 24	23 26	0 5	6 52	1 8	21 50	0 27	9 38	0 37	21 29
S 12	13 51	2 8	5 6	12 25	3 39	13 49	7 21	23 28	0 6	6 57	1 8	21 50	0 27	9 38	0 37	21 29
S 13	13 31	2n54	4 54	12 47	3 36	13 53	7 17	23 30	0 7	7 1	1 7	21 49	0 27	9 38	0 37	21 29
M14	13 10	7 42	4 29	13 9	3 31	13 57	7 12	23 31	0 7	7 5	1 7	21 48	0 27	9 37	0 37	21 29
T 15	12 50	12 8	3 51	13 30	3 24	14 1	7 7	23 33	0 8	7 10	1 7	21 47	0 27	9 37	0 37	21 29
W16	12 29	16 3	3 5	13 51	3 16	14 5	7 2	23 34	0 9	7 14	1 7	21 47	0 27	9 37	0 37	21 30
T 17	12 9	19 19	2 10	14 10	3 6	14 9	6 57	23 35	0 10	7 18	1 7	21 46	0 27	9 36	0 37	21 30
F 18	11 48	21 46	1 10	14 29	2 55	14 12	6 51	23 35	0 11	7 23	1 6	21 45	0 27	9 36	0 37	21 30
S 19	11 26	23 18	0 7	14 45	2 44	14 16	6 45	23 36	0 12	7 27	1 6	21 44	0 27	9 36	0 37	21 30
S 20	11 5	23 45	0n58	15 1	2 32	14 19	6 39	23 36	0 13	7 32	1 6	21 44	0 27	9 35	0 37	21 30
M21	10 43	23 2	2 1	15 14	2 19	14 23	6 32	23 36	0 13	7 36	1 6	21 43	0 27	9 35	0 37	21 30
T 22	10 22	21 8	3 0	15 26	2 7	14 26	6 25	23 36	0 14	7 41	1 6	21 42	0 27	9 34	0 38	21 30
W23	10 0	18 7	3 50	15 36	1 54	14 29	6 18	23 36	0 15	7 45	1 6	21 41	0 27	9 34	0 38	21 30
T 24	9 38	14 5	4 30	15 45	1 41	14 31	6 11	23 35	0 16	7 50	1 5	21 41	0 27	9 33	0 38	21 30
F 25	9 16	9 15	4 55	15 51	1 28	14 34	6 4	23 35	0 17	7 54	1 5	21 40	0 27	9 33	0 38	21 30
S 26	8 53	3 52	5 3	15 57	1 16	14 36	5 57	23 34	0 18	7 59	1 5	21 39	0 27	9 32	0 38	21 30
S 27	8 31	1s46	4 53	16 0	1 3	14 38	5 49	23 32	0 19	8 4	1 5	21 39	0 27	9 32	0 38	21 30
M28	8s 8	7s22	4n25	16s 2	0n51	14s39	5n42	23s31	0s20	8n 8	1s 5	21s38	0n27	9s31	0n38	21n30

Julian Day Number = 2533755.5, Delta T = 189.61 sec
 Ecliptic obliquity = 23°24'36, Nutation = - 0°00'16, out-of-bounds declination in red
 Ayanamsha: Fagan/Bradley = 27°53'09, Lahiri = 27°00'10

ASTRODIENST EPHEMERIS for the year 2225

geocentric

MARCH 2225

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	10 34 29	10° 7'43	14° 20	13° 50	0° 2	8° 22	23° 46	19° 3	26° 11	18° 32	17° 18	0° 53	0° 13	5° 3	26° 51	T 1
W 2	10 38 25	11° 8'02	28° 30	14° 33	0° 35	9° 3	23° 59	19° 8	26° 10	18° 32	17° 16	0° 50	0° 10	5° 9	26° 54	W 2
T 3	10 42 22	12° 8'20	12° 37	15° 21	1° 9	9° 44	24° 11	19° 13	26° 8	18° 32	17° 15	0° 50	0° 6	5° 16	26° 57	T 3
F 4	10 46 18	13° 8'37	26° 40	16° 12	1° 44	10° 25	24° 24	19° 18	26° 7	18° 32	17° 14	0° 50	0° 3	5° 23	27° 0	F 4
S 5	10 50 15	14° 8'52	10° 39	17° 6	2° 21	11° 6	24° 36	19° 23	26° 5	18° 32	17° 13	0° 50	0° 0	5° 29	27° 3	S 5
S 6	10 54 11	15° 9'06	24° 32	18° 3	2° 59	11° 47	24° 49	19° 28	26° 3	18° 33	17° 11	0° 48	29° 57	5° 36	27° 5	S 6
M 7	10 58 8	16° 9'18	8° 18	19° 3	3° 39	12° 28	25° 2	19° 33	26° 1	18° 33	17° 10	0° 43	29° 54	5° 43	27° 8	M 7
T 8	11 2 4	17° 9'29	21° 57	20° 6	4° 19	13° 9	25° 15	19° 38	26° 0	18° 33	17° 9	0° 36	29° 50	5° 49	27° 11	T 8
W 9	11 6 1	18° 9'37	5° 25	21° 11	5° 0	13° 50	25° 28	19° 43	25° 58	18° 33	17° 7	0° 25	29° 47	5° 56	27° 14	W 9
T 10	11 9 58	19° 9'44	18° 41	22° 18	5° 43	14° 31	25° 41	19° 48	25° 56	18° 34	17° 6	0° 13	29° 44	6° 3	27° 17	T 10
F 11	11 13 54	20° 9'50	1° 41	23° 27	6° 27	15° 12	25° 54	19° 52	25° 54	18° 34	17° 4	29° 59	29° 41	6° 9	27° 20	F 11
S 12	11 17 51	21° 9'53	14° 26	24° 39	7° 11	15° 53	26° 7	19° 57	25° 52	18° 34	17° 3	29° 46	29° 38	6° 16	27° 23	S 12
S 13	11 21 47	22° 9'54	26° 54	25° 52	7° 57	16° 34	26° 20	20° 1	25° 50	18° 35	17° 1	29° 34	29° 35	6° 23	27° 27	S 13
M14	11 25 44	23° 9'54	9° 8	27° 7	8° 43	17° 16	26° 33	20° 6	25° 48	18° 35	17° 0	29° 25	29° 31	6° 29	27° 30	M14
T 15	11 29 40	24° 9'51	21° 9	28° 24	9° 30	17° 57	26° 46	20° 10	25° 46	18° 36	16° 58	29° 19	29° 28	6° 36	27° 33	T 15
W16	11 33 37	25° 9'46	3° 1	29° 43	10° 18	18° 38	27° 0	20° 14	25° 44	18° 36	16° 57	29° 15	29° 25	6° 42	27° 36	W16
T 17	11 37 33	26° 9'39	14° 49	1° 3	11° 7	19° 19	27° 13	20° 18	25° 42	18° 37	16° 55	29° 14	29° 22	6° 49	27° 39	T 17
F 18	11 41 30	27° 9'30	26° 38	2° 24	11° 57	20° 0	27° 27	20° 23	25° 40	18° 38	16° 54	29° 13	29° 19	6° 56	27° 43	F 18
S 19	11 45 27	28° 9'19	8° 33	3° 48	12° 47	20° 41	27° 40	20° 27	25° 38	18° 38	16° 52	29° 13	29° 16	7° 2	27° 46	S 19
S 20	11 49 23	29° 9'05	20° 41	5° 12	13° 38	21° 22	27° 54	20° 31	25° 35	18° 39	16° 51	29° 12	29° 12	7° 9	27° 49	S 20
M21	11 53 20	0° 8'49	3° 6	6° 39	14° 30	22° 3	28° 7	20° 34	25° 33	18° 40	16° 49	29° 9	29° 9	7° 16	27° 52	M21
T 22	11 57 16	1° 8'31	15° 53	8° 6	15° 22	22° 45	28° 21	20° 38	25° 31	18° 40	16° 47	29° 3	29° 6	7° 22	27° 56	T 22
W23	12 1 13	2° 8'11	29° 3	9° 35	16° 15	23° 26	28° 34	20° 42	25° 29	18° 41	16° 46	28° 55	29° 3	7° 29	27° 59	W23
T 24	12 5 9	3° 7'49	12° 39	11° 5	17° 9	24° 7	28° 48	20° 46	25° 26	18° 42	16° 44	28° 44	29° 0	7° 36	28° 3	T 24
F 25	12 9 6	4° 7'24	26° 38	12° 37	18° 3	24° 48	29° 2	20° 49	25° 24	18° 43	16° 43	28° 32	28° 56	7° 42	28° 6	F 25
S 26	12 13 2	5° 6'57	10° 56	14° 10	18° 58	25° 29	29° 16	20° 53	25° 22	18° 44	16° 41	28° 20	28° 53	7° 49	28° 9	S 26
S 27	12 16 59	6° 6'29	25° 27	15° 44	19° 53	26° 10	29° 30	20° 56	25° 19	18° 44	16° 39	28° 9	28° 50	7° 56	28° 13	S 27
M28	12 20 56	7° 5'58	10° 4	17° 20	20° 49	26° 52	29° 43	20° 59	25° 17	18° 45	16° 38	28° 1	28° 47	8° 2	28° 16	M28
T 29	12 24 52	8° 5'26	24° 39	18° 57	21° 46	27° 33	29° 57	21° 2	25° 14	18° 46	16° 36	27° 55	28° 44	8° 9	28° 20	T 29
W30	12 28 49	9° 4'52	9° 8	20° 35	22° 43	28° 14	0° 11	21° 6	25° 12	18° 47	16° 34	27° 52	28° 41	8° 16	28° 23	W30
T 31	12 32 45	10° 4'17	23° 27	22° 15	23° 40	28° 55	0° 25	21° 9	25° 10	18° 48	16° 33	27° 51	28° 37	8° 22	28° 27	T 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
T 1	7s46	12s36	3n41	16s 2	0n39	14s40	5n34	23s30	0s21	8n13	1s 5	21s37	0n27	9s31	0n38	21n30
W 2	7 23	17 9	2 43	16 0	0 28	14 41	5 26	23 28	0 22	8 18	1 4	21 36	0 27	9 30	0 38	21 30
T 3	7 0	20 43	1 35	15 57	0 16	14 42	5 19	23 26	0 23	8 22	1 4	21 36	0 27	9 30	0 38	21 30
F 4	6 37	23 0	0 22	15 53	0 5	14 42	5 11	23 24	0 24	8 27	1 4	21 35	0 27	9 29	0 38	21 30
S 5	6 14	23 51	0s52	15 47	0s 5	14 41	5 3	23 21	0 25	8 32	1 4	21 34	0 26	9 28	0 38	21 30
S 6	5 51	23 12	2 2	15 39	0 16	14 41	4 55	23 19	0 26	8 37	1 4	21 34	0 26	9 28	0 38	21 30
M 7	5 27	21 8	3 5	15 30	0 26	14 40	4 47	23 16	0 27	8 41	1 4	21 33	0 26	9 27	0 38	21 30
T 8	5 4	17 53	3 56	15 19	0 35	14 38	4 39	23 13	0 28	8 46	1 3	21 32	0 26	9 26	0 38	21 31
W 9	4 41	13 44	4 33	15 7	0 44	14 36	4 31	23 10	0 29	8 51	1 3	21 32	0 26	9 26	0 38	21 31
T 10	4 17	8 59	4 54	14 54	0 53	14 34	4 23	23 7	0 30	8 56	1 3	21 31	0 26	9 25	0 38	21 31
F 11	3 54	3 55	5 0	14 39	1 1	14 31	4 15	23 3	0 31	9 1	1 3	21 31	0 26	9 24	0 38	21 31
S 12	3 30	1n13	4 51	14 23	1 9	14 28	4 8	23 0	0 32	9 6	1 3	21 30	0 26	9 24	0 38	21 31
S 13	3 6	6 12	4 28	14 5	1 17	14 24	4 0	22 56	0 33	9 11	1 3	21 29	0 26	9 23	0 38	21 31
M14	2 43	10 51	3 52	13 46	1 24	14 20	3 52	22 52	0 34	9 15	1 3	21 29	0 26	9 22	0 38	21 31
T 15	2 19	15 1	3 7	13 26	1 31	14 15	3 44	22 47	0 35	9 20	1 3	21 28	0 26	9 21	0 38	21 31
W16	1 55	18 32	2 14	13 4	1 37	14 10	3 36	22 43	0 36	9 25	1 2	21 27	0 26	9 21	0 38	21 31
T 17	1 31	21 18	1 16	12 41	1 43	14 4	3 29	22 38	0 37	9 30	1 2	21 27	0 26	9 20	0 38	21 31
F 18	1 8	23 8	0 14	12 17	1 48	13 58	3 21	22 33	0 38	9 35	1 2	21 26	0 26	9 19	0 38	21 31
S 19	0 44	23 57	0n49	11 52	1 53	13 52	3 13	22 28	0 39	9 40	1 2	21 26	0 26	9 18	0 38	21 32
S 20	0 20	23 39	1 51	11 25	1 58	13 45	3 6	22 23	0 40	9 45	1 2	21 25	0 26	9 18	0 38	21 32
M21	0n 4	22 11	2 49	10 57	2 2	13 37	2 58	22 17	0 42	9 50	1 2	21 25	0 26	9 17	0 38	21 32
T 22	0 27	19 34	3 40	10 28	2 6	13 29	2 51	22 12	0 43	9 55	1 2	21 24	0 26	9 16	0 38	21 32
W23	0 51	15 52	4 21	9 58	2 9	13 21	2 43	22 6	0 44	10 0	1 2	21 24	0 26	9 15	0 38	21 32
T 24	1 15	11 15	4 49	9 26	2 12	13 12	2 36	22 0	0 45	10 5	1 1	21 23	0 26	9 14	0 38	21 32
F 25	1 38	5 56	5 0	8 54	2 15	13 3	2 28	21 54	0 46	10 10	1 1	21 23	0 26	9 13	0 38	21 32
S 26	2 2	0 11	4 53	8 20	2 17	12 53	2 21	21 47	0 47	10 15	1 1	21 22	0 26	9 12	0 38	21 32
S 27	2 25	5s40	4 28	7 45	2 19	12 43	2 14	21 41	0 48	10 20	1 1	21 22	0 26	9 12	0 38	21 33
M28	2 49	11 16	3 44	7 9	2 20	12 32	2 7	21 34	0 49	10 25	1 1	21 21	0 26	9 11	0 38	21 33
T 29	3 12	16 14	2 46	6 31	2 20	12 21	2 0	21 27	0 51	10 30	1 1	21 21	0 26	9 10	0 38	21 33
W30	3 36	20 11	1 37	5 53	2 21	12 9	1 53	21 20	0 52	10 34	1 1	21 20	0 26	9 9	0 38	21 33
T 31	3n59	22s52	0n23	5s13	2s21	11s57	1n46	21s13	0s53	10n39	1s 1	21s20	0n26	9s 8	0n38	21n33

Julian Day Number = 2533783.5, Delta T = 189.70 sec
 Ecliptic obliquity = 23°24'37", Nutation = - 0°00'17", out-of-bounds declination in red
 Ayanamsha: Fagan/Bradley = 27°53'13", Lahiri = 27°00'14"

ASTRODIENST EPHEMERIS for the year 2225

geocentric

APRIL 2225

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	12 36 42	11° 3' 39	7° 33	23° 56	24° 38	29° 36	0° 39	21° 12	25° 7	18° 49	16° 31	27° 51	28° 34	8° 29	28° 30	F 1
S 2	12 40 38	12° 3' 00	21° 25	25° 39	25° 36	0° 18	0° 53	21° 14	25° 5	18° 51	16° 29	27° 50	28° 31	8° 36	28° 34	S 2
S 3	12 44 35	13° 2' 20	5° 5	27° 22	26° 35	0° 59	1° 7	21° 17	25° 2	18° 52	16° 28	27° 49	28° 28	8° 42	28° 37	S 3
M 4	12 48 31	14° 1' 37	18° 33	29° 7	27° 34	1° 40	1° 21	21° 20	25° 0	18° 53	16° 26	27° 44	28° 25	8° 49	28° 41	M 4
T 5	12 52 28	15° 0' 53	1° 49	0° 54	28° 33	2° 21	1° 36	21° 22	24° 57	18° 54	16° 24	27° 38	28° 22	8° 56	28° 44	T 5
W 6	12 56 25	16° 0' 06	14° 54	2° 42	29° 33	3° 3	1° 50	21° 25	24° 55	18° 55	16° 23	27° 28	28° 18	9° 2	28° 48	W 6
T 7	13 0 21	16° 59' 18	27° 47	4° 31	0° 33	3° 44	2° 4	21° 27	24° 52	18° 56	16° 21	27° 16	28° 15	9° 9	28° 52	T 7
F 8	13 4 18	17° 58' 28	10° 28	6° 22	1° 34	4° 25	2° 18	21° 30	24° 49	18° 58	16° 19	27° 4	28° 12	9° 16	28° 55	F 8
S 9	13 8 14	18° 57' 36	22° 57	8° 14	2° 35	5° 6	2° 32	21° 32	24° 47	18° 59	16° 18	26° 52	28° 9	9° 22	28° 59	S 9
S 10	13 12 11	19° 56' 42	5° 14	10° 7	3° 36	5° 47	2° 47	21° 34	24° 44	19° 0	16° 16	26° 41	28° 6	9° 29	29° 3	S 10
M 11	13 16 7	20° 55' 46	17° 19	12° 2	4° 38	6° 28	3° 1	21° 36	24° 42	19° 2	16° 14	26° 32	28° 2	9° 35	29° 6	M 11
T 12	13 20 4	21° 54' 47	29° 16	13° 59	5° 39	7° 10	3° 15	21° 38	24° 39	19° 3	16° 13	26° 26	27° 59	9° 42	29° 10	T 12
W 13	13 24 0	22° 53' 47	11° 11	15° 56	6° 41	7° 51	3° 29	21° 40	24° 37	19° 4	16° 11	26° 22	27° 56	9° 49	29° 13	W 13
T 14	13 27 57	23° 52' 44	22° 52	17° 55	7° 44	8° 32	3° 44	21° 42	24° 34	19° 6	16° 9	26° 21	27° 53	9° 55	29° 17	T 14
F 15	13 31 53	24° 51' 39	4° 40	19° 56	8° 47	9° 13	3° 58	21° 43	24° 31	19° 7	16° 8	26° 21	27° 50	10° 2	29° 21	F 15
S 16	13 35 50	25° 50' 32	16° 35	21° 57	9° 49	9° 54	4° 12	21° 45	24° 29	19° 9	16° 6	26° 22	27° 47	10° 9	29° 24	S 16
S 17	13 39 47	26° 49' 23	28° 41	24° 0	10° 53	10° 35	4° 27	21° 46	24° 26	19° 10	16° 4	26° 22	27° 43	10° 15	29° 28	S 17
M 18	13 43 43	27° 48' 12	11° 11	26° 4	11° 56	11° 16	4° 41	21° 48	24° 24	19° 12	16° 3	26° 21	27° 40	10° 22	29° 32	M 18
T 19	13 47 40	28° 46' 58	23° 50	28° 9	13° 0	11° 57	4° 55	21° 49	24° 21	19° 13	16° 1	26° 18	27° 37	10° 29	29° 35	T 19
W 20	13 51 36	29° 45' 42	7° 11	0° 15	14° 4	12° 38	5° 10	21° 50	24° 19	19° 15	15° 59	26° 13	27° 34	10° 35	29° 39	W 20
T 21	13 55 33	0° 44' 23	2° 20	2° 22	15° 8	13° 20	5° 24	21° 51	24° 16	19° 16	15° 58	26° 6	27° 31	10° 42	29° 43	T 21
F 22	13 59 29	1° 43' 03	4° 46	4° 29	16° 12	14° 1	5° 39	21° 52	24° 13	19° 18	15° 56	25° 58	27° 27	10° 49	29° 46	F 22
S 23	14 3 26	2° 41' 40	19° 16	6° 36	17° 17	14° 42	5° 53	21° 53	24° 11	19° 20	15° 55	25° 49	27° 24	10° 55	29° 50	S 23
S 24	14 7 22	3° 40' 16	4° 11	8° 44	18° 21	15° 23	6° 7	21° 54	24° 8	19° 21	15° 53	25° 41	27° 21	11° 2	29° 54	S 24
M 25	14 11 19	4° 38' 49	19° 3	10° 51	19° 26	16° 4	6° 22	21° 54	24° 6	19° 23	15° 51	25° 35	27° 18	11° 9	29° 57	M 25
T 26	14 15 16	5° 37' 21	4° 2	12° 58	20° 31	16° 45	6° 36	21° 55	24° 3	19° 25	15° 50	25° 31	27° 15	11° 15	0° 1	T 26
W 27	14 19 12	6° 35' 51	18° 54	15° 3	21° 37	17° 26	6° 51	21° 55	24° 1	19° 27	15° 48	25° 30	27° 12	11° 22	0° 5	W 27
T 28	14 23 9	7° 34' 20	3° 32	17° 8	22° 42	18° 7	7° 5	21° 56	23° 58	19° 28	15° 47	25° 30	27° 8	11° 29	0° 8	T 28
F 29	14 27 5	8° 32' 47	17° 51	19° 11	23° 48	18° 48	7° 19	21° 56	23° 56	19° 30	15° 45	25° 31	27° 5	11° 35	0° 12	F 29
S 30	14 31 2	9° 31' 12	1° 51	21° 13	24° 54	19° 28	7° 34	21° 56	23° 53	19° 32	15° 44	25° 32	27° 2	11° 42	0° 16	S 30

Day	☉	☽		♂		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
F 1	4n22	24s 3	0s51	4s33	2s20	11s44	1n39	21s 6	0s54	10n44	1s 1	21s19	0n26	9s 7	0n38	21n33	1s24	9n45	17n34	23n24	23n24	19n57	11n10	0n15	
S 2	4 45	23 42	2 2	3 51	2 19	11 31	1 33	20 58	0 55	10 49	1 1	21 19	0 25	9 6	0 38	21 33	1 24	9 46	17 34	23 24	23 24	19 58	11 11	0 15	
S 3	5 9	21 57	3 4	3 8	2 17	11 18	1 26	20 50	0 57	10 54	1 0	21 19	0 25	9 5	0 38	21 33	1 23	9 46	17 34	23 24	23 24	20 0	11 12	0 15	
M 4	5 32	18 58	3 55	2 25	2 15	11 4	1 19	20 42	0 58	10 59	1 0	21 18	0 25	9 4	0 38	21 34	1 23	9 47	17 34	23 23	23 24	20 2	11 14	0 15	
T 5	5 54	15 3	4 32	1 40	2 12	10 49	1 13	20 34	0 59	11 4	1 0	21 18	0 25	9 4	0 38	21 34	1 23	9 48	17 35	23 23	23 24	20 4	11 15	0 15	
W 6	6 17	10 28	4 55	0 54	2 9	10 35	1 7	20 26	1 0	11 9	1 0	21 17	0 25	9 3	0 38	21 34	1 23	9 48	17 35	23 23	23 24	20 6	11 16	0 15	
T 7	6 40	5 30	5 2	0 8	2 6	10 19	1 0	20 18	1 2	11 14	1 0	21 17	0 25	9 2	0 38	21 34	1 23	9 49	17 35	23 23	23 24	20 8	11 17	0 15	
F 8	7 3	0 22	4 54	0n40	2 2	10 4	0 54	20 9	1 3	11 19	1 0	21 17	0 25	9 1	0 38	21 34	1 23	9 50	17 35	23 23	23 24	20 9	11 18	0 15	
S 9	7 25	4n42	4 32	1 28	1 57	9 48	0 48	20 0	1 4	11 24	1 0	21 16	0 25	9 0	0 38	21 34	1 23	9 50	17 35	23 22	23 24	20 11	11 20	0 15	
S 10	7 47	9 31	3 57	2 17	1 52	9 31	0 42	19 51	1 5	11 29	1 0	21 16	0 25	8 59	0 38	21 35	1 23	9 51	17 35	23 22	23 24	20 13	11 21	0 15	
M11	8 10	13 54	3 12	3 7	1 46	9 15	0 36	19 42	1 7	11 34	1 0	21 16	0 25	8 58	0 38	21 35	1 23	9 51	17 35	23 22	23 24	20 15	11 22	0 14	
T 12	8 32	17 42	2 19	3 58	1 40	8 57	0 30	19 33	1 8	11 39	1 0	21 16	0 25	8 57	0 38	21 35	1 23	9 52	17 35	23 22	23 24	20 17	11 23	0 14	
W13	8 54	20 45	1 21	4 50	1 33	8 40	0 25	19 24	1 9	11 44	1 0	21 15	0 25	8 56	0 38	21 35	1 23	9 53	17 35	23 22	23 24	20 18	11 25	0 14	
T 14	9 15	22 55	0 19	5 42	1 26	8 22	0 19	19 15	1 11	11 49	1 0	21 15	0 25	8 55	0 38	21 35	1 23	9 53	17 34	23 22	23 24	20 20	11 26	0 14	
F 15	9 37	24 4	0n44	6 34	1 19	8 4	0 13	19 5	1 12	11 54	0 59	21 15	0 25	8 54	0 38	21 35	1 23	9 54	17 34	23 22	23 24	20 22	11 27	0 14	
S 16	9 58	24 8	1 46	7 27	1 11	7 45	0 8	18 55	1 13	11 58	0 59	21 15	0 25	8 53	0 38	21 35	1 23	9 54	17 34	23 22	23 23	20 24	11 28	0 14	
S 17	10 20	23 5	2 44	8 20	1 2	7 26	0 3	18 45	1 14	12 3	0 59	21 15	0 25	8 52	0 38	21 36	1 23	9 55	17 34	23 22	23 23	20 26	11 29	0 14	
M18	10 41	20 53	3 36	9 14	0 53	7 7	0s 2	18 35	1 16	12 8	0 59	21 14	0 25	8 51	0 38	21 36	1 23	9 55	17 34	23 22	23 23	20 27	11 31	0 14	
T 19	11 2	17 38	4 19	10 7	0 44	6 47	0 8	18 25	1 17	12 13	0 59	21 14	0 25	8 50	0 38	21 36	1 23	9 56	17 34	23 22	23 23	20 29	11 32	0 14	
W20	11 22	13 24	4 49	11 1	0 34	6 27	0 13	18 15	1 18	12 18	0 59	21 14	0 25	8 49	0 38	21 36	1 23	9 56	17 34	23 21	23 23	20 31	11 33	0 14	
T 21	11 43	8 22	5 5	11 54	0 24	6 7	0 17	18 5	1 20	12 23	0 59	21 14	0 25	8 49	0 38	21 36	1 23	9 57	17 34	23 21	23 23	20 33	11 34	0 14	
F 22	12 3	2 44	5 3	12 47	0 14	5 47	0 22	17 54	1 21	12 27	0 59	21 14	0 25	8 48	0 38	21 36	1 23	9 57	17 34	23 21	23 23	20 35	11 36	0 14	
S 23	12 24	3s12	4 41	13 39	0 3	5 26	0 27	17 43	1 23	12 32	0 59	21 14	0 25	8 47	0 38	21 37	1 23	9 58	17 34	23 21	23 23	20 36	11 37	0 14	
S 24	12 44	9 5	4 1	14 31	0n 7	5 5	0 31	17 33	1 24	12 37	0 59	21 14	0 25	8 46	0 38	21 37	1 22	9 58	17 33	23 20	23 23	20 38	11 38	0 14	
M25	13 3	14 31	3 3	15 21	0 18	4 44	0 36	17 22	1 25	12 42	0 59	21 14	0 25	8 45	0 38	21 37	1 22	9 59	17 33	23 20	23 23	20 40	11 39	0 13	
T 26	13 23	19 5	1 53	16 10	0 29	4 22	0 40	17 11	1 27	12 47	0 59	21 13	0 25	8 44	0 38	21 37	1 22	9 59	17 33	23 20	23 23	20 42	11 40	0 13	
W27	13 42	22 21	0 36	16 58	0 40	4 0	0 45	16 59	1 28	12 51	0 59	21 13	0 25	8 43	0 38	21 37	1 22	10 0	17 33	23 20	23 23	20 43	11 42	0 13	
T 28	14 1	24 5	0s43	17 44	0 51	3 38	0 49	16 48	1 30	12 56	0 59	21 13	0 25	8 42	0 38	21 37	1 22	10 0	17 33	23 20	23 23	20 45	11 43	0 13	
F 29	14 20	24 10	1 58	18 29	1 1	3 16	0 53	16 37	1 31	13 1	0 59	21 13	0 24	8 41	0 38	21 38	1 22	10 0	17 32	23 20	23 23	20 47	11 44	0 13	
S 30	14n39	22s42	3s 4	19n11	1n1	2s53	0s57	16s25	1s32	13n 5	0s59	21s13	0n24	8s40	0n38	21n38	1s22	10n 1	17n32	23n20	23n23	20n49	11n45	0n13	

ASTRODIENST EPHEMERIS for the year 2225

geocentric

JUNE 2225

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	16 37 12	10 ^{II} 26'23	4 ^Y 24	23°R51	18 8	10 ^Y 56	15 ⁸ 5	21°R12	22°R48	20 ^{II} 37	15°R 6	24°R36	25 ^{II} 20	15 ^{II} 15	2 ⁸ 4	W 1
T 2	16 41 8	11°23'58	16°49	23 ^{II} 39	2°17	11°36	15°19	21 ⁸ 9	22 ^{II} 47	20°40	15 ^{II} 5	24 ^{II} 34	25°17	15°21	2° 7	T 2
F 3	16 45 5	12°21'33	29° 1	23°23	3°27	12°15	15°32	21° 6	22°46	20°42	15° 5	24°32	25°14	15°28	2°10	F 3
S 4	16 49 1	13°19'07	11 ⁸ 3	23° 3	4°36	12°54	15°46	21° 3	22°44	20°44	15° 4	24°31	25°11	15°35	2°13	S 4
S 5	16 52 58	14°16'40	22°58	22°40	5°46	13°33	16° 0	21° 0	22°43	20°46	15° 3	24°29	25° 8	15°41	2°16	S 5
M 6	16 56 54	15°14'12	4 ^{II} 48	22°14	6°56	14°12	16°13	20°57	22°42	20°49	15° 3	24°28	25° 5	15°48	2°19	M 6
T 7	17 0 51	16°11'43	16°35	21°45	8° 5	14°51	16°26	20°54	22°41	20°51	15° 2	24°28	25° 1	15°54	2°22	T 7
W 8	17 4 47	17° 9'13	28°22	21°14	9°15	15°29	16°40	20°51	22°39	20°53	15° 2	24°D28	24°58	16° 1	2°25	W 8
T 9	17 8 44	18° 6'43	10 ^{II} 11	20°42	10°25	16° 8	16°53	20°48	22°38	20°55	15° 1	24°28	24°55	16° 8	2°28	T 9
F 10	17 12 41	19° 4'11	22° 5	20° 9	11°35	16°47	17° 6	20°44	22°37	20°58	15° 0	24°28	24°52	16°14	2°31	F 10
S 11	17 16 37	20° 1'38	4 ^{II} 7	19°36	12°45	17°25	17°19	20°41	22°36	21° 0	15° 0	24°29	24°49	16°21	2°33	S 11
S 12	17 20 34	20°59'04	16°18	19° 2	13°55	18° 3	17°32	20°37	22°35	21° 2	15° 0	24°29	24°45	16°28	2°36	S 12
M13	17 24 30	21°56'29	28°44	18°30	15° 5	18°41	17°46	20°34	22°34	21° 4	14°59	24°30	24°42	16°34	2°39	M13
T 14	17 28 27	22°53'52	11 ^{II} 27	17°58	16°16	19°19	17°59	20°30	22°33	21° 6	14°59	24°30	24°39	16°41	2°41	T 14
W15	17 32 23	23°51'15	24°31	17°29	17°26	19°57	18°12	20°26	22°33	21° 9	14°58	24°R30	24°36	16°48	2°44	W15
T 16	17 36 20	24°48'36	7 ^{II} 58	17° 2	18°36	20°35	18°24	20°23	22°32	21°11	14°58	24°D30	24°33	16°54	2°46	T 16
F 17	17 40 17	25°45'57	21°50	16°37	19°47	21°13	18°37	20°19	22°31	21°13	14°58	24°30	24°30	17° 1	2°49	F 17
S 18	17 44 13	26°43'17	6 ^{II} 7	16°16	20°57	21°50	18°50	20°15	22°30	21°15	14°58	24°30	24°26	17° 8	2°51	S 18
S 19	17 48 10	27°40'35	20°47	15°59	22° 7	22°27	19° 3	20°11	22°30	21°18	14°57	24°30	24°23	17°14	2°54	S 19
M20	17 52 6	28°37'53	5 ^Y 45	15°45	23°18	23° 5	19°15	20° 7	22°29	21°20	14°57	24°31	24°20	17°21	2°56	M20
T 21	17 56 3	29°35'11	20°53	15°35	24°29	23°42	19°28	20° 3	22°29	21°22	14°57	24°R31	24°17	17°28	2°59	T 21
W22	17 59 59	0 ^{II} 32'27	6 ⁸ 3	15°30	25°39	24°19	19°40	19°59	22°28	21°24	14°57	24°31	24°14	17°34	3° 1	W22
T 23	18 3 56	1°29'43	21° 6	15°D29	26°50	24°56	19°53	19°55	22°28	21°27	14°57	24°30	24°11	17°41	3° 3	T 23
F 24	18 7 52	2°26'59	5 ^{II} 53	15°33	28° 1	25°32	20° 5	19°51	22°27	21°29	14°57	24°30	24° 7	17°47	3° 6	F 24
S 25	18 11 49	3°24'14	20°17	15°41	29°11	26° 9	20°17	19°47	22°27	21°31	14°D57	24°29	24° 4	17°54	3° 8	S 25
S 26	18 15 46	4°21'29	4 ^Y 15	15°54	0 ^{II} 22	26°45	20°30	19°43	22°27	21°33	14°57	24°28	24° 1	18° 1	3°10	S 26
M27	18 19 42	5°18'44	17°46	16°12	1°33	27°21	20°42	19°39	22°27	21°35	14°57	24°27	23°58	18° 7	3°12	M27
T 28	18 23 39	6°15'59	0 ^Y 51	16°34	2°44	27°57	20°54	19°34	22°26	21°38	14°57	24°D26	23°55	18°14	3°14	T 28
W29	18 27 35	7°13'14	13°33	17° 1	3°55	28°33	21° 6	19°30	22°26	21°40	14°57	24°26	23°51	18°21	3°16	W29
T 30	18 31 32	8°10'28	25°Y56	17 ^{II} 33	5 ^{II} 6	29°Y 9	21°B18	19°826	22°II26	21°II42	14°II57	24°II27	23°II48	18°II27	3°B18	T 30

Day	☉	☾		♂		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
W 1	21n59	3s 2	5s12	23n 7	0s 9	9n55	2s 4	9s38	2s21	15n25	0s58	21s22	0n23	8s17	0n37	21n44	1s21	10n 4	17n21	23n18	23n20	21n42	12n21	0n11	
T 2	22 7	2n 5	4 53	22 50	0 26	10 18	2 5	9 25	2 23	15 29	0 58	21 22	0 23	8 17	0 37	21 44	1 21	10 4	17 21	23 18	23 20	21 43	12 22	0 11	
F 3	22 15	7 2	4 21	22 32	0 43	10 41	2 5	9 11	2 25	15 33	0 58	21 23	0 23	8 16	0 37	21 44	1 21	10 4	17 20	23 18	23 19	21 45	12 23	0 11	
S 4	22 22	11 40	3 38	22 14	1 0	11 5	2 5	8 58	2 26	15 36	0 58	21 23	0 23	8 16	0 37	21 44	1 21	10 4	17 20	23 18	23 19	21 46	12 24	0 11	
S 5	22 29	15 49	2 46	21 55	1 17	11 28	2 5	8 44	2 28	15 40	0 58	21 24	0 23	8 15	0 37	21 44	1 21	10 4	17 19	23 18	23 19	21 48	12 25	0 11	
M 6	22 36	19 19	1 47	21 36	1 35	11 50	2 5	8 31	2 29	15 44	0 58	21 24	0 23	8 15	0 37	21 44	1 21	10 3	17 19	23 18	23 19	21 50	12 26	0 11	
T 7	22 42	22 1	0 44	21 17	1 52	12 13	2 5	8 17	2 31	15 48	0 58	21 25	0 23	8 14	0 37	21 44	1 21	10 3	17 18	23 18	23 19	21 51	12 27	0 11	
W 8	22 47	23 46	0n22	20 58	2 9	12 35	2 5	8 4	2 33	15 52	0 58	21 25	0 23	8 14	0 37	21 45	1 21	10 3	17 18	23 18	23 19	21 53	12 28	0 11	
T 9	22 53	24 27	1 26	20 40	2 26	12 57	2 5	7 50	2 34	15 55	0 58	21 26	0 22	8 14	0 37	21 45	1 21	10 3	17 17	23 18	23 19	21 54	12 29	0 10	
F 10	22 58	24 2	2 28	20 22	2 42	13 19	2 4	7 37	2 36	15 59	0 59	21 27	0 22	8 13	0 37	21 45	1 21	10 3	17 17	23 18	23 19	21 56	12 30	0 10	
S 11	23 2	22 29	3 23	20 4	2 57	13 41	2 4	7 23	2 38	16 3	0 59	21 27	0 22	8 13	0 37	21 45	1 21	10 2	17 16	23 18	23 19	21 57	12 30	0 10	
S 12	23 6	19 54	4 10	19 47	3 11	14 2	2 3	7 10	2 39	16 6	0 59	21 28	0 22	8 13	0 37	21 45	1 21	10 2	17 16	23 18	23 18	21 59	12 31	0 10	
M13	23 10	16 22	4 46	19 31	3 24	14 23	2 3	6 56	2 41	16 10	0 59	21 28	0 22	8 12	0 37	21 45	1 21	10 2	17 15	23 18	23 18	22 0	12 32	0 10	
T 14	23 13	12 2	5 10	19 17	3 36	14 44	2 2	6 43	2 43	16 14	0 59	21 29	0 22	8 12	0 37	21 46	1 21	10 1	17 15	23 18	23 18	22 2	12 33	0 10	
W15	23 16	7 2	5 18	19 3	3 47	15 5	2 1	6 30	2 44	16 17	0 59	21 30	0 22	8 12	0 37	21 46	1 21	10 1	17 14	23 18	23 18	22 4	12 34	0 10	
T 16	23 19	1 35	5 9	18 51	3 57	15 25	2 0	6 16	2 46	16 21	0 59	21 30	0 22	8 11	0 36	21 46	1 21	10 1	17 14	23 18	23 18	22 5	12 35	0 10	
F 17	23 21	4s 7	4 43	18 41	4 5	15 45	1 59	6 3	2 48	16 24	0 59	21 31	0 22	8 11	0 36	21 46	1 21	10 0	17 13	23 18	23 18	22 7	12 35	0 10	
S 18	23 22	9 48	3 58	18 32	4 12	16 4	1 58	5 50	2 49	16 28	0 59	21 32	0 22	8 11	0 36	21 46	1 21	10 0	17 13	23 18	23 18	22 8	12 36	0 10	
S 19	23 23	15 5	2 57	18 24	4 17	16 23	1 57	5 36	2 51	16 31	0 59	21 32	0 22	8 11	0 36	21 46	1 21	9 59	17 12	23 18	23 17	22 10	12 37	0 10	
M20	23 24	19 33	1 42	18 19	4 21	16 42	1 56	5 23	2 53	16 34	0 59	21 33	0 22	8 11	0 36	21 47	1 21	9 59	17 12	23 18	23 17	22 11	12 38	0 10	
T 21	23 25	22 46	0 20	18 15	4 24	17 1	1 55	5 10	2 54	16 38	0 59	21 33	0 22	8 11	0 36	21 47	1 21	9 59	17 11	23 18	23 17	22 13	12 38	0 10	
W22	23 25	24 20	1s 4	18 13	4 26	17 19	1 53	4 57	2 56	16 41	0 59	21 34	0 22	8 10	0 36	21 47	1 21	9 58	17 11	23 18	23 17	22 14	12 39	0 10	
T 23	23 24	24 6	2 22	18 13	4 26	17 36	1 52	4 44	2 58	16 44	0 59	21 35	0 22	8 10	0 36	21 47	1 21	9 58	17 10	23 18	23 17	22 16	12 40	0 10	
F 24	23 23	22 10	3 30	18 14	4 25	17 54	1 51	4 31	2 59	16 48	0 59	21 35	0 21	8 10	0 36	21 47	1 21	9 57	17 10	23 18	23 17	22 17	12 41	0 9	
S 25	23 22	18 51	4 23	18 17	4 23	18 11	1 49	4 18	3 1	16 51	0 59	21 36	0 21	8 10	0 36	21 47	1 21	9 57	17 9	23 18	23 17	22 18	12 41	0 9	
S 26	23 20	14 33	4 58	18 22	4 19	18 27	1 47	4 5	3 3	16 54	0 59	21 37	0 21	8 10	0 36	21 47	1 21	9 56	17 8	23 18	23 17	22 20	12 42	0 9	
M27	23 18	9 40	5 15	18 28	4 15	18 43	1 46	3 52	3 4	16 57	0 59	21 37	0 21	8 10	0 36	21 47	1 21	9 56	17 8	23 18	23 16	22 21	12 43	0 9	
T 28	23 16	4 29	5 15	18 36	4 10	18 59	1 44	3 39	3 6	17 0	0 59	21 38	0 21	8 10	0 36	21 48	1 21	9 55	17 7	23 18	23 16	22 23	12 43	0 9	
W29	23 13	0n44	5 0	18 44	4 3	19 14	1 42	3 27	3 8	17 3	0 59	21 39	0 21	8 10	0 36	21 48	1 21	9 55	17 7	23 18	23 16	22 24	12 44	0 9	
T 30	23n 9	5n48	4s31	18n54	3s56	19n29	1s40	3s14	3s 9	17n 6	0s59	21s40	0n21	8s10	0n36	21n48	1s21	9n54	17n 6	23n18	23n16	22n26	12n45	0n 9	

ASTRODIENST EPHEMERIS for the year 2225

geocentric

JULY 2225

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	18 35 28	9°57' 743	8°8' 3	18°11' 9	6°11' 17	29°44' 44	21°8' 30	19°R22	22°D26	21°44' 44	14°57' 57	24°28' 28	23°45' 45	18°34' 34	3°8' 20	F 1
S 2	18 39 25	10° 4' 57	19°59	18°50	7°28	0°19' 19	21°41	19°31' 17	22°26	21°46	14°57	24°29	23°42	18°41	3°22	S 2
S 3	18 43 21	11° 2' 12	1°49	19°35	8°39	0°54	21°53	19°13	22°26	21°48	14°58	24°31	23°39	18°47	3°24	S 3
M 4	18 47 18	11°59' 26	13°36	20°25	9°51	1°29	22° 5	19° 9	22°27	21°51	14°58	24°32	23°36	18°54	3°26	M 4
T 5	18 51 15	12°56' 41	25°23	21°19	11° 2	2° 4	22°16	19° 4	22°27	21°53	14°58	24°R32	23°32	19° 1	3°27	T 5
W 6	18 55 11	13°53' 55	7°53	22°17	12°13	2°38	22°28	19° 0	22°27	21°55	14°59	24°31	23°29	19° 7	3°29	W 6
T 7	18 59 8	14°51' 10	19° 9	23°19	13°25	3°12	22°39	18°55	22°27	21°57	14°59	24°30	23°26	19°14	3°31	T 7
F 8	19 3 4	15°48' 24	1°12	24°26	14°36	3°46	22°50	18°51	22°28	21°59	14°59	24°27	23°23	19°21	3°32	F 8
S 9	19 7 1	16°45' 38	13°25	25°37	15°47	4°20	23° 1	18°47	22°28	22° 1	15° 0	24°24	23°20	19°27	3°34	S 9
S 10	19 10 57	17°42' 52	25°48	26°52	16°59	4°53	23°12	18°42	22°29	22° 3	15° 0	24°21	23°17	19°34	3°35	S 10
M 11	19 14 54	18°40' 06	8°24	28°10	18°11	5°26	23°23	18°38	22°29	22° 5	15° 1	24°17	23°13	19°40	3°37	M 11
T 12	19 18 50	19°37' 20	21°15	29°33	19°22	5°59	23°34	18°33	22°30	22° 7	15° 1	24°14	23°10	19°47	3°38	T 12
W 13	19 22 47	20°34' 33	4°22	1°0	20°34	6°32	23°45	18°29	22°30	22° 9	15° 2	24°12	23° 7	19°54	3°40	W 13
T 14	19 26 44	21°31' 47	17°47	2°31	21°45	7° 4	23°55	18°24	22°31	22°11	15° 3	24°D11	23° 4	20° 0	3°41	T 14
F 15	19 30 40	22°29' 00	1°32	4° 5	22°57	7°36	24° 6	18°20	22°32	22°13	15° 3	24°11	23° 1	20° 7	3°42	F 15
S 16	19 34 37	23°26' 13	15°36	5°43	24° 9	8° 8	24°16	18°16	22°33	22°15	15° 4	24°12	22°57	20°14	3°43	S 16
S 17	19 38 33	24°23' 26	29°59	7°24	25°21	8°40	24°27	18°11	22°34	22°17	15° 5	24°14	22°54	20°20	3°45	S 17
M 18	19 42 30	25°20' 39	14°39	9° 9	26°32	9°11	24°37	18° 7	22°34	22°19	15° 5	24°15	22°51	20°27	3°46	M 18
T 19	19 46 26	26°17' 52	29°31	10°57	27°44	9°42	24°47	18° 2	22°35	22°21	15° 6	24°R15	22°48	20°34	3°47	T 19
W 20	19 50 23	27°15' 06	14°39	12°48	28°56	10°12	24°57	17°58	22°36	22°23	15° 7	24°14	22°45	20°40	3°48	W 20
T 21	19 54 19	28°12' 19	29°23	14°43	0°58	8	10°43	25° 7	17°54	22°37	22°25	15° 8	24°11	22°42	20°47	T 21
F 22	19 58 16	29° 9' 33	14°8	16°39	1°20	11°13	25°17	17°49	22°39	22°27	15° 9	24° 7	22°38	20°54	3°50	F 22
S 23	20 2 13	0°12' 6' 48	28°34	18°38	2°32	11°42	25°27	17°45	22°40	22°29	15°10	24° 1	22°35	21° 0	3°50	S 23
S 24	20 6 9	1° 4' 03	12°36	20°40	3°44	12°12	25°36	17°41	22°41	22°31	15°10	23°56	22°32	21° 7	3°51	S 24
M 25	20 10 6	2° 1' 18	26°12	22°43	4°57	12°41	25°46	17°37	22°42	22°32	15°11	23°51	22°29	21°13	3°52	M 25
T 26	20 14 2	2°58' 34	9°22	24°47	6° 9	13° 9	25°55	17°32	22°43	22°34	15°12	23°47	22°26	21°20	3°53	T 26
W 27	20 17 59	3°55' 52	22° 6	26°53	7°21	13°37	26° 4	17°28	22°45	22°36	15°13	23°45	22°23	21°27	3°53	W 27
T 28	20 21 55	4°53' 10	4°30	28°59	8°33	14° 5	26°13	17°24	22°46	22°38	15°14	23°D44	22°19	21°33	3°54	T 28
F 29	20 25 52	5°50' 28	16°36	1°12	9°46	14°33	26°22	17°20	22°48	22°40	15°16	23°45	22°16	21°40	3°54	F 29
S 30	20 29 48	6°47' 48	28°32	3°13	10°58	15° 0	26°31	17°16	22°49	22°41	15°17	23°46	22°13	21°47	3°55	S 30
S 31	20 33 45	7°45' 09	10°12	5°12	12°10	15°26	26°40	17°12	22°51	22°43	15°18	23°47	22°10	21°53	3°55	S 31

Day	☉	☽		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
F 1	23n 6	10n33	3s50	19n 5	3s48	19n43	1s39	3s 2	3s11	17n 9	1s 0	21s40	0n21	8s10	0n36	21n48	1s21	9n54	17n 6	23n18	23n16	22n27	12n45	0n 9	
S 2	23 2	14 50	3 0	19 17	3 40	19 57	1 37	2 49	3 13	17 12	1 0	21 41	0 21	8 10	0 36	21 48	1 21	9 53	17 5	23 18	23 16	22 29	12 46	0 9	
S 3	22 57	18 30	2 2	19 30	3 31	20 10	1 35	2 37	3 14	17 15	1 0	21 42	0 21	8 10	0 36	21 48	1 21	9 52	17 5	23 18	23 15	22 30	12 46	0 9	
M 4	22 52	21 25	1 0	19 44	3 21	20 22	1 32	2 24	3 16	17 18	1 0	21 42	0 21	8 10	0 36	21 48	1 21	9 52	17 4	23 18	23 15	22 32	12 47	0 9	
T 5	22 47	23 24	0n 5	19 58	3 10	20 35	1 30	2 12	3 18	17 21	1 0	21 43	0 21	8 10	0 36	21 48	1 21	9 51	17 4	23 18	23 15	22 33	12 47	0 9	
W 6	22 41	24 22	1 10	20 12	2 59	20 46	1 28	2 0	3 19	17 24	1 0	21 44	0 20	8 10	0 36	21 49	1 21	9 50	17 3	23 18	23 15	22 34	12 48	0 9	
T 7	22 35	24 13	2 12	20 27	2 48	20 58	1 26	1 48	3 21	17 27	1 0	21 44	0 20	8 11	0 36	21 49	1 21	9 50	17 3	23 18	23 15	22 36	12 48	0 9	
F 8	22 29	22 56	3 9	20 42	2 36	21 8	1 24	1 36	3 23	17 29	1 0	21 45	0 20	8 11	0 36	21 49	1 21	9 49	17 2	23 18	23 15	22 37	12 49	0 9	
S 9	22 22	20 34	3 58	20 57	2 24	21 18	1 21	1 24	3 24	17 32	1 0	21 46	0 20	8 11	0 36	21 49	1 21	9 49	17 1	23 18	23 15	22 39	12 49	0 8	
S 10	22 14	17 14	4 36	21 11	2 11	21 28	1 19	1 13	3 26	17 35	1 0	21 46	0 20	8 11	0 36	21 49	1 21	9 48	17 1	23 17	23 14	22 40	12 50	0 8	
M11	22 7	13 5	5 2	21 25	1 59	21 37	1 17	1 1	3 28	17 37	1 0	21 47	0 20	8 11	0 36	21 49	1 21	9 47	17 0	23 17	23 14	22 41	12 50	0 8	
T 12	21 59	8 16	5 14	21 39	1 46	21 45	1 14	0 50	3 29	17 40	1 0	21 48	0 20	8 12	0 35	21 49	1 21	9 46	17 0	23 17	23 14	22 43	12 51	0 8	
W13	21 50	3 0	5 9	21 52	1 33	21 53	1 12	0 38	3 31	17 43	1 0	21 49	0 20	8 12	0 35	21 49	1 21	9 46	16 59	23 17	23 14	22 44	12 51	0 8	
T 14	21 41	2s32	4 48	22 4	1 20	22 0	1 9	0 27	3 33	17 45	1 1	21 49	0 20	8 12	0 35	21 49	1 21	9 45	16 59	23 17	23 14	22 46	12 51	0 8	
F 15	21 32	8 5	4 10	22 14	1 7	22 7	1 7	0 16	3 34	17 48	1 1	21 50	0 20	8 13	0 35	21 50	1 21	9 44	16 58	23 17	23 14	22 47	12 52	0 8	
S 16	21 23	13 21	3 16	22 24	0 54	22 13	1 4	0 5	3 36	17 50	1 1	21 51	0 20	8 13	0 35	21 50	1 21	9 44	16 58	23 17	23 13	22 48	12 52	0 8	
S 17	21 13	18 1	2 9	22 32	0 41	22 18	1 2	0n 6	3 37	17 53	1 1	21 51	0 20	8 13	0 35	21 50	1 22	9 43	16 57	23 17	23 13	22 50	12 52	0 8	
M18	21 3	21 40	0 52	22 38	0 28	22 23	0 59	0 17	3 39	17 55	1 1	21 52	0 19	8 14	0 35	21 50	1 22	9 42	16 57	23 17	23 13	22 51	12 53	0 8	
T 19	20 52	23 53	0s29	22 42	0 15	22 27	0 57	0 27	3 41	17 57	1 1	21 53	0 19	8 14	0 35	21 50	1 22	9 41	16 56	23 17	23 13	22 52	12 53	0 8	
W20	20 41	24 25	1 48	22 44	0 3	22 30	0 54	0 38	3 42	18 0	1 1	21 53	0 19	8 14	0 35	21 50	1 22	9 40	16 56	23 17	23 13	22 54	12 53	0 8	
T 21	20 30	23 11	3 0	22 44	0n 8	22 33	0 51	0 48	3 44	18 2	1 1	21 54	0 19	8 15	0 35	21 50	1 22	9 40	16 55	23 17	23 13	22 55	12 54	0 8	
F 22	20 18	20 23	3 59	22 42	0 20	22 36	0 49	0 58	3 45	18 4	1 1	21 55	0 19	8 15	0 35	21 50	1 22	9 39	16 55	23 17	23 12	22 56	12 54	0 8	
S 23	20 6	16 21	4 41	22 37	0 31	22 37	0 46	1 8	3 47	18 6	1 1	21 55	0 19	8 16	0 35	21 50	1 22	9 38	16 54	23 17	23 12	22 58	12 54	0 8	
S 24	19 54	11 31	5 5	22 30	0 41	22 38	0 43	1 18	3 49	18 9	1 1	21 56	0 19	8 16	0 35	21 50	1 22	9 37	16 53	23 16	23 12	22 59	12 54	0 7	
M25	19 41	6 16	5 11	22 20	0 50	22 39	0 40	1 28	3 50	18 11	1 2	21 57	0 19	8 17	0 35	21 50	1 22	9 36	16 53	23 16	23 12	23 0	12 54	0 7	
T 26	19 28	0 54	5 0	22 7	0 59	22 38	0 38	1 38	3 52	18 13	1 2	21 57	0 19	8 17	0 35	21 51	1 22	9 36	16 52	23 16	23 12	23 2	12 55	0 7	
W27	19 15	4n21	4 34	21 52	1 7	22 38	0 35	1 47	3 53	18 15	1 2	21 58	0 19	8 18	0 35	21 51	1 22	9 35	16 52	23 16	23 11	23 3	12 55	0 7	
T 28	19 1	9 18	3 56	21 33	1 15	22 36	0 32	1 56	3 55	18 17	1 2	21 58	0 19	8 18	0 35	21 51	1 22	9 34	16 51	23 16	23 11	23 4	12 55	0 7	
F 29	18 47	13 46	3 8	21 13	1 21	22 34	0 29	2 6	3 56	18 19	1 2	21 59	0 18	8 19	0 35	21 51	1 22	9 33	16 51	23 16	23 11	23 6	12 55	0 7	
S 30	18 33	17 39	2 13	20 50	1 27	22 31	0 27	2 15	3 58	18 21	1 2	22 0	0 18	8 19	0 35	21 51	1 22	9 32	16 50	23 16	23 11	23 7	12 55	0 7	
S 31	18n19	20n47	1s12	20n24	1n32	22n27	0s24	2n23	3s59	18n23	1s 2	22s 0	0n18	8s20	0n35	21n51	1s22	9n31	16n50	23n16	23n11	23n 8	12n55	0n 7	

ASTRODIENST EPHEMERIS for the year 2225

geocentric

AUGUST 2225

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	20 37 42	8♌42'30	22♊ 7	7♋27	13♉23	15♊52	26♋48	17♌ 8	22♌52	22♊45	15♌19	23♌48	22♊ 7	22♊ 0	3♌56	M 1
T 2	20 41 38	9°39'53	3♉56	9°33	14°35	16°18	26°57	17♌ 4	22°54	22°46	15°20	23♊48	22° 3	22° 7	3°56	T 2
W 3	20 45 35	10°37'16	15°52	11°39	15°48	16°43	27° 5	17° 0	22°56	22°48	15°21	23°45	22° 0	22°13	3°56	W 3
T 4	20 49 31	11°34'41	27°57	13°43	17° 1	17° 8	27°13	16°56	22°57	22°50	15°23	23°41	21°57	22°20	3°57	T 4
F 5	20 53 28	12°32'06	10♌13	15°47	18°13	17°32	27°21	16°53	22°59	22°51	15°24	23°34	21°54	22°27	3°57	F 5
S 6	20 57 24	13°29'32	22°41	17°49	19°26	17°56	27°29	16°49	23° 1	22°53	15°25	23°26	21°51	22°33	3°57	S 6
S 7	21 1 21	14°26'59	5♎22	19°50	20°39	18°19	27°37	16°45	23° 3	22°54	15°27	23°17	21°48	22°40	3°R57	S 7
M 8	21 5 17	15°24'26	18°16	21°49	21°51	18°42	27°44	16°42	23° 5	22°56	15°28	23° 8	21°44	22°47	3°57	M 8
T 9	21 9 14	16°21'54	1♌23	23°48	23° 4	19° 4	27°52	16°38	23° 7	22°57	15°29	23° 0	21°41	22°53	3°57	T 9
W10	21 13 11	17°19'23	14°43	25°44	24°17	19°26	27°59	16°35	23° 9	22°59	15°31	22°54	21°38	23° 0	3°57	W10
T 11	21 17 7	18°16'53	28°15	27°39	25°30	19°47	28° 6	16°31	23°11	23° 0	15°32	22°50	21°35	23° 6	3°56	T 11
F 12	21 21 4	19°14'24	11♌59	29°33	26°43	20° 8	28°13	16°28	23°13	23° 2	15°34	22°48	21°32	23°13	3°56	F 12
S 13	21 25 0	20°11'55	25°56	1♎25	27°56	20°28	28°20	16°24	23°15	23° 3	15°35	22°D48	21°28	23°20	3°56	S 13
S 14	21 28 57	21° 9'27	10♌ 6	3°16	29° 9	20°47	28°27	16°21	23°17	23° 5	15°37	22°49	21°25	23°26	3°56	S 14
M15	21 32 53	22° 7'00	24°27	5° 5	0♌22	21° 6	28°34	16°18	23°20	23° 6	15°38	22°R49	21°22	23°33	3°55	M15
T 16	21 36 50	23° 4'34	8♌57	6°52	1°35	21°24	28°40	16°15	23°22	23° 7	15°40	22°48	21°19	23°40	3°55	T 16
W17	21 40 46	24° 2'09	23°32	8°38	2°48	21°42	28°46	16°12	23°24	23° 8	15°42	22°45	21°16	23°46	3°54	W17
T 18	21 44 43	24°59'44	8♌ 6	10°23	4° 1	21°59	28°52	16° 9	23°27	23°10	15°43	22°39	21°13	23°53	3°54	T 18
F 19	21 48 40	25°57'21	22°34	12° 6	5°14	22°16	28°58	16° 6	23°29	23°11	15°45	22°31	21° 9	24° 0	3°53	F 19
S 20	21 52 36	26°54'59	6♌49	13°47	6°28	22°31	29° 4	16° 3	23°31	23°12	15°47	22°21	21° 6	24° 6	3°52	S 20
S 21	21 56 33	27°52'38	20°44	15°28	7°41	22°46	29°10	16° 1	23°34	23°13	15°48	22°11	21° 3	24°13	3°52	S 21
M22	22 0 29	28°50'19	4♊17	17° 6	8°54	23° 1	29°15	15°58	23°36	23°15	15°50	22° 1	21° 0	24°20	3°51	M22
T 23	22 4 26	29°48'01	17°26	18°43	10° 8	23°14	29°20	15°55	23°39	23°16	15°52	21°53	20°57	24°26	3°50	T 23
W24	22 8 22	0♎45'44	0♌11	20°19	11°21	23°27	29°25	15°53	23°42	23°17	15°54	21°47	20°54	24°33	3°49	W24
T 25	22 12 19	1°43'30	12°36	21°53	12°35	23°40	29°30	15°50	23°44	23°18	15°55	21°43	20°50	24°39	3°48	T 25
F 26	22 16 15	2°41'16	24°43	23°26	13°48	23°51	29°35	15°48	23°47	23°19	15°57	21°41	20°47	24°46	3°47	F 26
S 27	22 20 12	3°39'05	6♊39	24°58	15° 2	24° 2	29°40	15°46	23°50	23°20	15°59	21°D41	20°44	24°53	3°46	S 27
S 28	22 24 9	4°36'55	18°28	26°28	16°15	24°12	29°44	15°44	23°52	23°21	16° 1	21°R41	20°41	24°59	3°45	S 28
M29	22 28 5	5°34'47	0♌16	27°56	17°29	24°21	29°48	15°42	23°55	23°22	16° 3	21°41	20°38	25° 6	3°44	M29
T 30	22 32 2	6°32'41	12° 8	29°23	18°43	24°30	29°52	15°40	23°58	23°23	16° 5	21°39	20°34	25°13	3°43	T 30
W31	22 35 58	7♎30'37	24♉ 9	0♌49	19♌56	24♊37	29♌56	15♌38	24♌ 1	23♊24	16♌ 7	21♊35	20♊31	25♊19	3♌42	W31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
M 1	18n 4	23n 1	0s 9	19n57	1n37	22n23	0s21	2n32	4s 1	18n24	1s 2	22s 1	0n18	8s21	0n35	21n51
T 2	17 49	24 16	0n55	19 27	1 40	22 19	0 18	2 40	4 2	18 26	1 2	22 1	0 18	8 21	0 35	21 51
W 3	17 33	24 24	1 57	18 55	1 43	22 13	0 16	2 49	4 4	18 28	1 3	22 2	0 18	8 22	0 35	21 51
T 4	17 17	23 23	2 54	18 21	1 45	22 7	0 13	2 57	4 5	18 30	1 3	22 3	0 18	8 23	0 35	21 51
F 5	17 1	21 15	3 44	17 46	1 46	22 0	0 10	3 5	4 6	18 32	1 3	22 3	0 18	8 23	0 35	21 51
S 6	16 45	18 5	4 24	17 10	1 46	21 53	0 7	3 12	4 8	18 33	1 3	22 4	0 18	8 24	0 35	21 51
S 7	16 29	14 3	4 52	16 32	1 46	21 45	0 5	3 20	4 9	18 35	1 3	22 4	0 18	8 25	0 35	21 51
M 8	16 12	9 19	5 5	15 52	1 45	21 37	0 2	3 27	4 11	18 36	1 3	22 5	0 17	8 26	0 34	21 51
T 9	15 55	4 5	5 3	15 12	1 44	21 27	0n 1	3 34	4 12	18 38	1 3	22 5	0 17	8 26	0 34	21 51
W10	15 37	1s25	4 45	14 31	1 42	21 18	0 4	3 41	4 13	18 39	1 3	22 6	0 17	8 27	0 34	21 52
T 11	15 20	6 56	4 10	13 49	1 39	21 7	0 6	3 48	4 14	18 41	1 3	22 6	0 17	8 28	0 34	21 52
F 12	15 2	12 14	3 21	13 7	1 36	20 56	0 9	3 54	4 16	18 42	1 4	22 7	0 17	8 29	0 34	21 52
S 13	14 44	16 58	2 19	12 24	1 32	20 44	0 12	4 1	4 17	18 44	1 4	22 7	0 17	8 30	0 34	21 52
S 14	14 26	20 49	1 8	11 40	1 28	20 32	0 14	4 7	4 18	18 45	1 4	22 8	0 17	8 30	0 34	21 52
M15	14 7	23 26	0s 9	10 56	1 23	20 19	0 17	4 13	4 19	18 46	1 4	22 8	0 17	8 31	0 34	21 52
T 16	13 49	24 32	1 25	10 12	1 19	20 6	0 19	4 18	4 21	18 48	1 4	22 9	0 17	8 32	0 34	21 52
W17	13 30	23 56	2 36	9 27	1 13	19 52	0 22	4 24	4 22	18 49	1 4	22 9	0 17	8 33	0 34	21 52
T 18	13 10	21 43	3 37	8 42	1 7	19 37	0 24	4 29	4 23	18 50	1 4	22 10	0 16	8 34	0 34	21 52
F 19	12 51	18 7	4 23	7 58	1 1	19 22	0 27	4 34	4 24	18 51	1 5	22 10	0 16	8 35	0 34	21 52
S 20	12 32	13 31	4 52	7 13	0 55	19 6	0 29	4 39	4 25	18 52	1 5	22 11	0 16	8 36	0 34	21 52
S 21	12 12	8 19	5 3	6 28	0 48	18 50	0 32	4 44	4 26	18 54	1 5	22 11	0 16	8 37	0 34	21 52
M22	11 52	2 50	4 57	5 43	0 41	18 33	0 34	4 48	4 27	18 55	1 5	22 12	0 16	8 38	0 34	21 52
T 23	11 32	2n37	4 34	4 59	0 34	18 16	0 36	4 52	4 28	18 56	1 5	22 12	0 16	8 39	0 34	21 52
W24	11 11	7 48	3 58	4 15	0 27	17 58	0 39	4 56	4 28	18 57	1 5	22 12	0 16	8 40	0 34	21 52
T 25	10 51	12 33	3 12	3 30	0 19	17 40	0 41	5 0	4 29	18 57	1 5	22 13	0 16	8 41	0 34	21 52
F 26	10 30	16 41	2 18	2 47	0 11	17 21	0 43	5 3	4 30	18 58	1 5	22 13	0 16	8 42	0 34	21 52
S 27	10 9	20 6	1 19	2 3	0 3	17 2	0 45	5 7	4 31	18 59	1 6	22 13	0 15	8 43	0 34	21 52
S 28	9 48	22 38	0 17	1 20	0s 5	16 42	0 47	5 10	4 31	19 0	1 6	22 14	0 15	8 44	0 34	21 52
M29	9 27	24 10	0n45	0 37	0 13	16 22	0 49	5 13	4 32	19 1	1 6	22 14	0 15	8 45	0 34	21 52
T 30	9 6	24 37	1 46	0s 5	0 21	16 1	0 52	5 15	4 33	19 1	1 6	22 15	0 15	8 46	0 34	21 52
W31	8n45	23n56	2n43	0s47	0s30	15n40	0n54	5n17	4s33	19n 2	1s 6	22s15	0n15	8s47	0n34	21n52

Julian Day Number = 2533936.5, Delta T = 190.18 sec

Ecliptic obliquity = 23°24'37", Nutation = - 0°00'16", out-of-bounds declination in red

Ayanamsha: Fagan/Bradley = 27°53'34", Lahiri = 27°00'35"

ASTRODIENST EPHEMERIS for the year 2225

geocentric

SEPTEMBER 2225

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	22 39 55	8♍28'34	6♊22	2♋13	21♏10	24♍44	29♌59	15°R36	24♎4	23♐25	16♎9	21°R29	20♐28	25♐26	3°R40	T 1
F 2	22 43 51	9°26'32	18°50	3°36	22°24	24°50	0♐3	15°33	24°7	23°25	16°11	21°19	20°25	25°33	3♌39	F 2
S 3	22 47 48	10°24'33	1♍35	4°57	23°38	24°55	0°7	15°32	24°10	23°26	16°13	21°8	20°22	25°39	3°38	S 3
S 4	22 51 44	11°22'35	14°36	6°17	24°51	24°59	0°10	15°31	24°13	23°27	16°15	20°55	20°19	25°46	3°36	S 4
M 5	22 55 41	12°20'38	27°53	7°35	26°5	25°3	0°13	15°29	24°16	23°28	16°17	20°43	20°15	25°53	3°35	M 5
T 6	22 59 38	13°18'43	11♎23	8°51	27°19	25°5	0°16	15°28	24°19	23°28	16°19	20°32	20°12	25°59	3°33	T 6
W 7	23 3 34	14°16'50	25°4	10°5	28°33	25°7	0°18	15°27	24°22	23°29	16°21	20°23	20°9	26°6	3°32	W 7
T 8	23 7 31	15°14'58	8♌53	11°18	29°47	25°R8	0°20	15°26	24°25	23°30	16°23	20°16	20°6	26°12	3°30	T 8
F 9	23 11 27	16°13'08	22°48	12°29	1♍1	25°8	0°23	15°25	24°28	23°30	16°25	20°13	20°3	26°19	3°28	F 9
S 10	23 15 24	17°11'19	6♌49	13°38	2°15	25°7	0°25	15°24	24°31	23°31	16°27	20°12	20°0	26°26	3°27	S 10
S 11	23 19 20	18°9'31	20°54	14°45	3°29	25°5	0°26	15°23	24°34	23°31	16°29	20°12	19°56	26°32	3°25	S 11
M12	23 23 17	19°7'45	5♌3	15°49	4°44	25°3	0°28	15°22	24°38	23°32	16°31	20°11	19°53	26°39	3°23	M12
T 13	23 27 13	20°6'01	19°13	16°52	5°58	24°59	0°29	15°21	24°41	23°32	16°33	20°9	19°50	26°46	3°21	T 13
W14	23 31 10	21°4'18	3♎25	17°51	7°12	24°55	0°31	15°21	24°44	23°33	16°36	20°5	19°47	26°52	3°19	W14
T 15	23 35 7	22°2'36	17°34	18°49	8°26	24°50	0°32	15°20	24°47	23°33	16°38	19°58	19°44	26°59	3°18	T 15
F 16	23 39 3	23°0'56	1♌37	19°43	9°40	24°44	0°32	15°20	24°51	23°34	16°40	19°49	19°40	27°6	3°16	F 16
S 17	23 43 0	23°59'17	15°30	20°35	10°55	24°37	0°33	15°19	24°54	23°34	16°42	19°37	19°37	27°12	3°14	S 17
S 18	23 46 56	24°57'41	29°7	21°23	12°9	24°29	0°33	15°19	24°58	23°34	16°44	19°25	19°34	27°19	3°12	S 18
M19	23 50 53	25°56'06	12♍27	22°8	13°23	24°21	0°34	15°19	25°1	23°35	16°47	19°13	19°31	27°26	3°9	M19
T 20	23 54 49	26°54'33	25°28	22°49	14°38	24°11	0°R34	15°D19	25°4	23°35	16°49	19°2	19°28	27°32	3°7	T 20
W21	23 58 46	27°53'02	8♌8	23°26	15°52	24°1	0°33	15°19	25°8	23°35	16°51	18°54	19°25	27°39	3°5	W21
T 22	0 2 42	28°51'34	20°29	23°59	17°7	23°51	0°33	15°19	25°11	23°35	16°53	18°49	19°21	27°46	3°3	T 22
F 23	0 6 39	29°50'07	2♐36	24°28	18°21	23°39	0°32	15°20	25°15	23°35	16°56	18°46	19°18	27°52	3°1	F 23
S 24	0 10 36	0♎48'43	14°31	24°51	19°35	23°27	0°32	15°20	25°18	23°35	16°58	18°D45	19°15	27°59	2°59	S 24
S 25	0 14 32	1°47'21	26°20	25°10	20°50	23°14	0°31	15°20	25°22	23°36	17°0	18°R45	19°12	28°5	2°56	S 25
M26	0 18 29	2°46'01	8♌9	25°22	22°5	23°0	0°29	15°21	25°25	23°36	17°2	18°45	19°9	28°12	2°54	M26
T 27	0 22 25	3°44'43	20°2	25°29	23°19	22°46	0°28	15°22	25°29	23°R36	17°5	18°44	19°5	28°19	2°52	T 27
W28	0 26 22	4°43'28	2♊5	25°R29	24°34	22°31	0°26	15°22	25°33	23°36	17°7	18°41	19°2	28°25	2°49	W28
T 29	0 30 18	5°42'14	14°23	25°22	25°48	22°16	0°25	15°23	25°36	23°35	17°9	18°35	18°59	28°32	2°47	T 29
F 30	0 34 15	6♎41'03	26♊59	25♎8	27♍3	22°Y0	0♐23	15°32	25♎40	23♐35	17♎12	18♐27	18♐56	28♐39	2♌44	F 30

Day	☉	☾		♂		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
T 1	8n23	22n 6	3n33	1s28	0s39	15n18	0n55	5n19	4s34	19n 3	1 s 6	22s15	0n15	8s48	0n34	21n52	1s23	9n 0	16n37	23n 8	23n 4	23n47	12n48	0n 5			
F 2	8 1	19 11	4 14	2 9	0 47	14 56	0 57	5 21	4 34	19 3	1 6	22 15	0 15	8 49	0 34	21 52	1 23	8 59	16 37	23 8	23 4	23 48	12 48	0 5			
S 3	7 39	15 19	4 44	2 49	0 56	14 34	0 59	5 23	4 34	19 4	1 7	22 16	0 15	8 50	0 34	21 52	1 23	8 58	16 36	23 7	23 4	23 49	12 47	0 5			
S 4	7 17	10 39	4 59	3 29	1 5	14 11	1 1	5 24	4 34	19 4	1 7	22 16	0 15	8 51	0 34	21 52	1 23	8 57	16 36	23 6	23 3	23 50	12 46	0 5			
M 5	6 55	5 24	4 58	4 8	1 14	13 47	1 3	5 25	4 35	19 5	1 7	22 16	0 15	8 52	0 34	21 52	1 23	8 56	16 36	23 5	23 3	23 51	12 46	0 4			
T 6	6 33	0s11	4 41	4 46	1 23	13 24	1 4	5 26	4 35	19 5	1 7	22 17	0 14	8 54	0 34	21 52	1 23	8 55	16 35	23 4	23 3	23 52	12 45	0 4			
W 7	6 11	5 50	4 8	5 24	1 31	13 0	1 6	5 27	4 35	19 6	1 7	22 17	0 14	8 55	0 34	21 52	1 23	8 54	16 35	23 4	23 3	23 53	12 45	0 4			
T 8	5 48	11 17	3 20	6 0	1 40	12 35	1 8	5 27	4 35	19 6	1 7	22 17	0 14	8 56	0 34	21 52	1 23	8 53	16 35	23 3	23 2	23 54	12 44	0 4			
F 9	5 26	16 12	2 19	6 36	1 49	12 11	1 9	5 27	4 34	19 6	1 7	22 17	0 14	8 57	0 34	21 52	1 23	8 52	16 35	23 3	23 2	23 55	12 43	0 4			
S 10	5 3	20 16	1 10	7 11	1 58	11 45	1 11	5 27	4 34	19 7	1 8	22 18	0 14	8 58	0 33	21 52	1 23	8 51	16 34	23 3	23 2	23 56	12 43	0 4			
S 11	4 41	23 10	0s 4	7 45	2 7	11 20	1 12	5 27	4 34	19 7	1 8	22 18	0 14	8 59	0 33	21 52	1 23	8 50	16 34	23 3	23 2	23 57	12 42	0 4			
M12	4 18	24 37	1 18	8 18	2 15	10 54	1 13	5 26	4 33	19 7	1 8	22 18	0 14	9 1	0 33	21 52	1 23	8 49	16 34	23 3	23 2	23 59	12 41	0 4			
T 13	3 55	24 28	2 27	8 50	2 24	10 28	1 15	5 25	4 33	19 7	1 8	22 18	0 14	9 2	0 33	21 52	1 23	8 48	16 34	23 3	23 1	24 0	12 41	0 4			
W14	3 32	22 43	3 27	9 20	2 32	10 2	1 16	5 24	4 32	19 7	1 8	22 18	0 14	9 3	0 33	21 52	1 23	8 47	16 33	23 2	23 1	24 1	12 40	0 4			
T 15	3 9	19 35	4 14	9 50	2 40	9 35	1 17	5 23	4 32	19 7	1 8	22 18	0 13	9 4	0 33	21 52	1 23	8 46	16 33	23 2	23 1	24 2	12 39	0 4			
F 16	2 46	15 20	4 46	10 18	2 48	9 8	1 18	5 22	4 31	19 8	1 8	22 19	0 13	9 6	0 33	21 52	1 23	8 45	16 33	23 1	23 1	24 3	12 39	0 4			
S 17	2 23	10 19	5 0	10 45	2 56	8 41	1 19	5 20	4 30	19 8	1 8	22 19	0 13	9 7	0 33	21 52	1 23	8 44	16 33	23 0	23 0	24 4	12 38	0 4			
S 18	2 0	4 53	4 56	11 10	3 3	8 14	1 20	5 19	4 29	19 7	1 9	22 19	0 13	9 8	0 33	21 52	1 24	8 43	16 33	22 59	23 0	24 5	12 37	0 3			
M19	1 37	0n40	4 36	11 33	3 11	7 46	1 21	5 17	4 28	19 7	1 9	22 19	0 13	9 9	0 33	21 52	1 24	8 42	16 33	22 58	23 0	24 6	12 36	0 3			
T 20	1 14	6 4	4 3	11 55	3 17	7 18	1 22	5 14	4 26	19 7	1 9	22 19	0 13	9 11	0 33	21 52	1 24	8 41	16 32	22 58	23 0	24 7	12 35	0 3			
W21	0 50	11 5	3 17	12 15	3 24	6 50	1 23	5 12	4 25	19 7	1 9	22 19	0 13	9 12	0 33	21 52	1 24	8 40	16 32	22 57	22 59	24 8	12 35	0 3			
T 22	0 27	15 32	2 24	12 32	3 29	6 22	1 23	5 10	4 23	19 7	1 9	22 19	0 13	9 13	0 33	21 52	1 24	8 39	16 32	22 56	22 59	24 9	12 34	0 3			
F 23	0 4	19 16	1 25	12 48	3 35	5 53	1 24	5 7	4 22	19 7	1 9	22 19	0 13	9 14	0 33	21 52	1 24	8 38	16 32	22 56	22 59	24 10	12 33	0 3			
S 24	0s19	22 9	0 22	13 1	3 39	5 25	1 24	5 4	4 20	19 6	1 9	22 19	0 13	9 16	0 33	21 52	1 24	8 37	16 32	22 56	22 59	24 11	12 32	0 3			
S 25	0 43	24 2	0n40	13 11	3 43	4 56	1 25	5 1	4 18	19 6	1 9	22 19	0 12	9 17	0 33	21 52	1 24	8 37	16 32	22 56	22 58	24 12	12 31	0 3			
M26	1 6	24 51	1 41	13 19	3 46	4 27	1 25	4 58	4 16	19 6	1 10	22 19	0 12	9 18	0 33	21 52	1 24	8 36	16 32	22 56	22 58	24 13	12 30	0 3			
T 27	1 29	24 31	2 38	13 23	3 49	3 58	1 26	4 55	4 14	19 5	1 10	22 19	0 12	9 20	0 33	21 52	1 24	8 35	16 31	22 56	22 58	24 14	12 30	0 3			
W28	1 53	23 4	3 29	13 24	3 50	3 28	1 26	4 52	4 12	19 5	1 10	22 19	0 12	9 21	0 33	21 52	1 24	8 34	16 31	22 56	22 58	24 15	12 29	0 3			
T 29	2 16	20 29	4 11	13 22	3 50	2 59	1 26	4 48	4 9	19 4	1 10	22 19	0 12	9 22	0 33	21 51	1 24	8 33	16 31	22 55	22 57	24 15	12 28	0 3			
F 30	2s39	16n54	4n42	13s16	3s49	2n30	1n26	4n45	4s 7	19n 4	1s10	22s19	0n12	9s24	0n33	21n51	1s24	8n32	16n31	22n55	22n57	24n16	12n27	0n 3			

ASTRODIENST EPHEMERIS for the year 2225

geocentric

OCTOBER 2225

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	0 38 11	7♂39°54	9♂56	24°R47	28♂18	21°R44	0°R20	15♂25	25♂43	23°R35	17♂14	18°R17	18♂53	28♂45	2°R42	S 1
S 2	0 42 8	8°38'47	23°14	24♂19	29°32	21°V27	0♂18	15°26	25°47	23♂35	17°16	18♂5	18°50	28°52	2♂39	S 2
M 3	0 46 4	9°37'42	6♂52	23°43	0♂47	21° 9	0°15	15°28	25°51	23°35	17°19	17°54	18°46	28°59	2°37	M 3
T 4	0 50 1	10°36'39	20°46	22°59	2° 2	20°52	0°13	15°29	25°54	23°35	17°21	17°43	18°43	29° 5	2°34	T 4
W 5	0 53 58	11°35'38	4♂53	22° 9	3°17	20°34	0°10	15°31	25°58	23°34	17°23	17°35	18°40	29°12	2°32	W 5
T 6	0 57 54	12°34'39	19° 7	21°13	4°32	20°16	0° 6	15°32	26° 2	23°34	17°26	17°29	18°37	29°19	2°29	T 6
F 7	1 1 51	13°33'42	3♂24	20°11	5°46	19°57	0° 3	15°34	26° 5	23°34	17°28	17°27	18°34	29°25	2°26	F 7
S 8	1 5 47	14°32'47	17°40	19° 5	7° 1	19°39	29♂59	15°35	26° 9	23°33	17°30	17°D26	18°31	29°32	2°24	S 8
S 9	1 9 44	15°31'53	1♂53	17°56	8°16	19°20	29°56	15°37	26°13	23°33	17°33	17°26	18°27	29°39	2°21	S 9
M10	1 13 40	16°31'02	16° 1	16°46	9°31	19° 2	29°52	15°39	26°17	23°33	17°35	17°R27	18°24	29°45	2°18	M10
T 11	1 17 37	17°30'11	0♂3	15°37	10°46	18°43	29°48	15°41	26°20	23°32	17°38	17°26	18°21	29°52	2°16	T 11
W12	1 21 33	18°29'23	13°57	14°30	12° 1	18°25	29°43	15°43	26°24	23°32	17°40	17°23	18°18	29°58	2°13	W12
T 13	1 25 30	19°28'36	27°44	13°29	13°16	18° 6	29°39	15°46	26°28	23°31	17°42	17°18	18°15	0♂5	2°10	T 13
F 14	1 29 27	20°27'51	11♂22	12°33	14°31	17°48	29°34	15°48	26°32	23°31	17°45	17°11	18°11	0°12	2° 7	F 14
S 15	1 33 23	21°27'08	24°49	11°45	15°46	17°30	29°29	15°50	26°35	23°30	17°47	17° 2	18° 8	0°18	2° 5	S 15
S 16	1 37 20	22°26'27	8°V 3	11° 7	17° 1	17°12	29°24	15°53	26°39	23°29	17°49	16°52	18° 5	0°25	2° 2	S 16
M17	1 41 16	23°25'48	21° 2	10°39	18°16	16°55	29°19	15°55	26°43	23°29	17°52	16°42	18° 2	0°32	1°59	M17
T 18	1 45 13	24°25'10	3♂47	10°21	19°31	16°38	29°14	15°58	26°47	23°28	17°54	16°34	17°59	0°38	1°56	T 18
W19	1 49 9	25°24'35	16°16	10°D15	20°46	16°21	29° 8	16° 1	26°51	23°27	17°56	16°28	17°56	0°45	1°53	W19
T 20	1 53 6	26°24'02	28°30	10°19	22° 1	16° 5	29° 3	16° 4	26°54	23°27	17°59	16°24	17°52	0°52	1°51	T 20
F 21	1 57 2	27°23'31	10♂33	10°35	23°16	15°49	28°57	16° 7	26°58	23°26	18° 1	16°22	17°49	0°58	1°48	F 21
S 22	2 0 59	28°23'03	22°26	11° 0	24°31	15°33	28°51	16°10	27° 2	23°25	18° 3	16°D22	17°46	1° 5	1°45	S 22
S 23	2 4 56	29°22'37	4♂14	11°35	25°46	15°19	28°45	16°13	27° 6	23°24	18° 6	16°23	17°43	1°12	1°42	S 23
M24	2 8 52	0♂22'12	16° 2	12°19	27° 1	15° 4	28°38	16°16	27° 9	23°23	18° 8	16°25	17°40	1°18	1°39	M24
T 25	2 12 49	1°21'51	27°55	13°11	28°16	14°51	28°32	16°19	27°13	23°23	18°10	16°R26	17°37	1°25	1°36	T 25
W26	2 16 45	2°21'31	9♂57	14°10	29°31	14°37	28°26	16°23	27°17	23°22	18°13	16°25	17°33	1°32	1°34	W26
T 27	2 20 42	3°21'14	22°15	15°16	0♂46	14°25	28°19	16°26	27°21	23°21	18°15	16°23	17°30	1°38	1°31	T 27
F 28	2 24 38	4°20'58	4♂52	16°27	2° 1	14°13	28°12	16°30	27°25	23°20	18°17	16°20	17°27	1°45	1°28	F 28
S 29	2 28 35	5°20'45	17°52	17°44	3°17	14° 2	28° 5	16°34	27°28	23°19	18°20	16°14	17°24	1°51	1°25	S 29
S 30	2 32 31	6°20'35	1♂17	19° 4	4°32	13°52	27°58	16°37	27°32	23°18	18°22	16° 8	17°21	1°58	1°22	S 30
M31	2 36 28	7♂20'26	15♂6	20♂28	5♂47	13°V42	27♂51	16♂41	27♂36	23♂17	18♂24	16♂1	17♂11	2♂5	1♂19	M31

Day	☉	☾		♂		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
S 1	3s 2	12n27	4n59	13s 6	3s46	2n 0	1n27	4n41	4s 4	19n 3	1s10	22s19	0n12	9s25	0n33	21n51	1s24	8n31	16n31	22n54	22n57	24n17	12n26	0n 2	
S 2	3 25	7 17	5 1	12 51	3 42	1 30	1 27	4 37	4 1	19 3	1 10	22 19	0 12	9 26	0 33	21 51	1 24	8 30	16 31	22 53	22 56	24 18	12 25	0 2	
M 3	3 49	1 40	4 46	12 32	3 36	1 1	1 27	4 34	3 58	19 2	1 10	22 19	0 12	9 28	0 33	21 51	1 24	8 29	16 31	22 52	22 56	24 19	12 24	0 2	
T 4	4 12	4s10	4 14	12 9	3 29	0 31	1 27	4 30	3 55	19 1	1 11	22 19	0 12	9 29	0 33	21 51	1 24	8 28	16 31	22 51	22 56	24 20	12 23	0 2	
W 5	4 35	9 54	3 26	11 42	3 19	0 1	1 26	4 26	3 52	19 1	1 11	22 19	0 11	9 30	0 33	21 51	1 24	8 27	16 31	22 50	22 56	24 21	12 22	0 2	
T 6	4 58	15 9	2 25	11 10	3 8	0s29	1 26	4 22	3 49	19 0	1 11	22 19	0 11	9 32	0 33	21 51	1 24	8 26	16 31	22 49	22 55	24 22	12 21	0 2	
F 7	5 21	19 36	1 14	10 34	2 55	0 59	1 26	4 19	3 46	18 59	1 11	22 19	0 11	9 33	0 33	21 51	1 24	8 25	16 31	22 49	22 55	24 23	12 20	0 2	
S 8	5 44	22 52	0s 1	9 55	2 40	1 28	1 26	4 15	3 42	18 58	1 11	22 19	0 11	9 34	0 33	21 51	1 24	8 25	16 31	22 49	22 55	24 24	12 19	0 2	
S 9	6 6	24 40	1 17	9 14	2 23	1 58	1 25	4 11	3 39	18 57	1 11	22 19	0 11	9 36	0 33	21 51	1 24	8 24	16 31	22 49	22 55	24 25	12 18	0 2	
M10	6 29	24 53	2 27	8 30	2 5	2 28	1 25	4 8	3 35	18 56	1 11	22 19	0 11	9 37	0 33	21 51	1 24	8 23	16 31	22 49	22 54	24 26	12 17	0 2	
T 11	6 52	23 30	3 27	7 46	1 46	2 58	1 24	4 4	3 31	18 55	1 11	22 19	0 11	9 38	0 33	21 51	1 24	8 22	16 31	22 49	22 54	24 26	12 16	0 2	
W12	7 14	20 41	4 15	7 2	1 26	3 28	1 23	4 1	3 27	18 54	1 11	22 18	0 11	9 40	0 33	21 51	1 24	8 21	16 31	22 49	22 54	24 27	12 15	0 2	
T 13	7 37	16 45	4 48	6 19	1 5	3 57	1 23	3 57	3 24	18 53	1 11	22 18	0 11	9 41	0 33	21 51	1 25	8 20	16 31	22 48	22 53	24 28	12 14	0 1	
F 14	7 59	11 58	5 4	5 38	0 45	4 27	1 22	3 54	3 20	18 52	1 11	22 18	0 11	9 43	0 33	21 51	1 25	8 19	16 31	22 48	22 53	24 29	12 13	0 1	
S 15	8 21	6 41	5 2	5 1	0 24	4 57	1 21	3 51	3 15	18 51	1 11	22 18	0 11	9 44	0 33	21 51	1 25	8 19	16 31	22 47	22 53	24 30	12 12	0 1	
S 16	8 43	1 11	4 45	4 28	0 5	5 26	1 20	3 48	3 11	18 50	1 12	22 18	0 10	9 45	0 33	21 51	1 25	8 18	16 31	22 46	22 53	24 31	12 11	0 1	
M17	9 5	4n17	4 13	4 0	0n14	5 56	1 19	3 45	3 7	18 49	1 12	22 17	0 10	9 47	0 33	21 50	1 25	8 17	16 31	22 45	22 52	24 32	12 10	0 1	
T 18	9 27	9 29	3 29	3 37	0 32	6 25	1 19	3 43	3 3	18 48	1 12	22 17	0 10	9 48	0 33	21 50	1 25	8 16	16 31	22 44	22 52	24 32	12 9	0 1	
W19	9 49	14 12	2 35	3 19	0 48	6 54	1 17	3 40	2 59	18 46	1 12	22 17	0 10	9 49	0 33	21 50	1 25	8 15	16 31	22 43	22 52	24 33	12 8	0 1	
T 20	10 11	18 16	1 35	3 8	1 2	7 23	1 16	3 38	2 54	18 45	1 12	22 17	0 10	9 51	0 33	21 50	1 25	8 15	16 31	22 43	22 51	24 34	12 7	0 1	
F 21	10 32	21 29	0 31	3 2	1 15	7 52	1 15	3 36	2 50	18 44	1 12	22 17	0 10	9 52	0 33	21 50	1 25	8 14	16 31	22 43	22 51	24 35	12 6	0 1	
S 22	10 53	23 44	0n33	3 1	1 27	8 20	1 14	3 34	2 46	18 43	1 12	22 16	0 10	9 54	0 33	21 50	1 25	8 13	16 32	22 43	22 51	24 36	12 5	0 1	
S 23	11 14	24 56	1 35	3 6	1 37	8 49	1 13	3 33	2 41	18 41	1 12	22 16	0 10	9 55	0 33	21 50	1 25	8 12	16 32	22 43	22 51	24 36	12 4	0 1	
M24	11 35	25 0	2 34	3 15	1 45	9 17	1 11	3 31	2 37	18 40	1 12	22 16	0 10	9 56	0 33	21 50	1 25	8 12	16 32	22 43	22 50	24 37	12 3	0 1	
T 25	11 56	23 55	3 26	3 29	1 52	9 45	1 10	3 30	2 32	18 38	1 12	22 15	0 10	9 58	0 33	21 50	1 25	8 11	16 32	22 43	22 50	24 38	12 2	0 1	
W26	12 17	21 44	4 10	3 47	1 57	10 13	1 9	3 29	2 28	18 37	1 12	22 15	0 9	9 59	0 33	21 50	1 25	8 10	16 32	22 43	22 50	24 39	12 1	0 0	
T 27	12 37	18 32	4 43	4 9	2 1	10 41	1 7	3 28	2 23	18 35	1 12	22 15	0 9	10 0	0 33	21 50	1 25	8 10	16 32	22 43	22 49	24 40	12 0	0 0	
F 28	12 57	14 26	5 4	4 33	2 4	11 8	1 6	3 28	2 19	18 34	1 12	22 14	0 9	10 2	0 33	21 50	1 25	8 9	16 32	22 43	22 49	24 40	11 58	0 0	
S 29	13 17	9 33	5 10	5 1	2 6	11 35	1 4	3 28	2 15	18 32	1 12	22 14	0 9	10 3	0 33	21 50	1 25	8 8	16 33	22 42	22 49	24 41	11 57	0 0	
S 30	13 37	4 4	5 0	5 31	2 6	12 2	1 2	3 28	2 10	18 31	1 12	22 14	0 9	10 4	0 33	21 49	1 25	8 8	16 33	22 41	22 49	24 42	11 56	0 0	
M31	13s57	1s46	4n32	6s 2	2n 6	12s29	1n 1	3n28	2s 6	18n29	1s12	22s13	0n 9	10s 6	0n33	21n49	1s25	8n 7	16n33	22n41	22n48	24n43	11n55	0n 0	

ASTRODIENST EPHEMERIS for the year 2225

geocentric

NOVEMBER 2225

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	2 40 25	8♉20'19	29♊18	21♋55	7♌ 2	13°R33	27°R44	16♍45	27♎40	23°R16	18♏26	15°R55	17♐14	25♑11	1°R17	T 1
W 2	2 44 21	9°20'15	13♌47	23°24	8°17	13°Y25	27♏36	16°49	27°43	23♐14	18°29	15♑51	17°11	2°18	1♒14	W 2
T 3	2 48 18	10°20'12	28°27	24°55	9°33	13°18	27°29	16°53	27°47	23°13	18°31	15°48	17° 8	2°25	1°11	T 3
F 4	2 52 14	11°20'11	13♎10	26°28	10°48	13°12	27°21	16°57	27°51	23°12	18°33	15°D46	17° 5	2°31	1° 8	F 4
S 5	2 56 11	12°20'12	27°51	28° 3	12° 3	13° 6	27°14	17° 1	27°54	23°11	18°35	15°47	17° 2	2°38	1° 5	S 5
S 6	3 0 7	13°20'15	12♋23	29°38	13°18	13° 1	27° 6	17° 6	27°58	23°10	18°37	15°48	16°58	2°45	1° 3	S 6
M 7	3 4 4	14°20'19	26°44	1♌14	14°34	12°57	26°58	17°10	28° 2	23° 9	18°40	15°50	16°55	2°51	1° 0	M 7
T 8	3 8 0	15°20'24	10♍49	2°51	15°49	12°54	26°50	17°14	28° 6	23° 7	18°42	15°R51	16°52	2°58	0°57	T 8
W 9	3 11 57	16°20'31	24°39	4°28	17° 4	12°51	26°42	17°19	28° 9	23° 6	18°44	15°50	16°49	3° 5	0°55	W 9
T 10	3 15 54	17°20'40	8♏13	6° 6	18°19	12°50	26°35	17°24	28°13	23° 5	18°46	15°49	16°46	3°11	0°52	T 10
F 11	3 19 50	18°20'50	21°33	7°43	19°35	12°D49	26°27	17°28	28°16	23° 3	18°48	15°46	16°43	3°18	0°49	F 11
S 12	3 23 47	19°21'01	4♏37	9°21	20°50	12°49	26°18	17°33	28°20	23° 2	18°50	15°42	16°39	3°25	0°46	S 12
S 13	3 27 43	20°21'15	17°28	10°59	22° 5	12°50	26°10	17°38	28°24	23° 1	18°52	15°38	16°36	3°31	0°44	S 13
M14	3 31 40	21°21'29	0♏ 7	12°36	23°20	12°51	26° 2	17°43	28°27	22°59	18°55	15°34	16°33	3°38	0°41	M14
T 15	3 35 36	22°21'46	12°32	14°14	24°36	12°54	25°54	17°48	28°31	22°58	18°57	15°30	16°30	3°45	0°39	T 15
W16	3 39 33	23°22'04	24°47	15°51	25°51	12°57	25°46	17°53	28°34	22°57	18°59	15°28	16°27	3°51	0°36	W16
T 17	3 43 29	24°22'23	6♐52	17°28	27° 6	13° 1	25°38	17°58	28°38	22°55	19° 1	15°26	16°23	3°58	0°33	T 17
F 18	3 47 26	25°22'45	18°48	19° 5	28°22	13° 6	25°30	18° 3	28°41	22°54	19° 3	15°D26	16°20	4° 4	0°31	F 18
S 19	3 51 23	26°23'08	0♑39	20°42	29°37	13°11	25°21	18° 8	28°45	22°52	19° 5	15°27	16°17	4°11	0°28	S 19
S 20	3 55 19	27°23'33	12°26	22°18	0♒52	13°17	25°13	18°13	28°48	22°51	19° 7	15°28	16°14	4°18	0°26	S 20
M21	3 59 16	28°24'00	24°14	23°55	2° 8	13°24	25° 5	18°19	28°52	22°49	19° 9	15°30	16°11	4°24	0°24	M21
T 22	4 3 12	29°24'29	6♒ 6	25°31	3°23	13°32	24°57	18°24	28°55	22°48	19°11	15°31	16° 8	4°31	0°21	T 22
W23	4 7 9	0♓24'59	18° 7	27° 7	4°38	13°40	24°49	18°29	28°58	22°46	19°12	15°32	16° 4	4°38	0°19	W23
T 24	4 11 5	1°25'31	0♑22	28°42	5°54	13°49	24°41	18°35	29° 2	22°45	19°14	15°R33	16° 1	4°44	0°16	T 24
F 25	4 15 2	2°26'05	12°55	0♒18	7° 9	13°59	24°33	18°41	29° 5	22°43	19°16	15°32	15°58	4°51	0°14	F 25
S 26	4 18 58	3°26'40	25°50	1°53	8°24	14° 9	24°25	18°46	29° 8	22°42	19°18	15°32	15°55	4°58	0°12	S 26
S 27	4 22 55	4°27'18	9♊11	3°28	9°40	14°20	24°17	18°52	29°12	22°40	19°20	15°30	15°52	5° 4	0°10	S 27
M28	4 26 52	5°27'57	22°59	5° 3	10°55	14°32	24° 9	18°58	29°15	22°38	19°22	15°29	15°48	5°11	0° 7	M28
T 29	4 30 48	6°28'37	7♌13	6°37	12°10	14°44	24° 1	19° 3	29°18	22°37	19°23	15°28	15°45	5°18	0° 5	T 29
W30	4 34 45	7♎29'19	21♌50	8♎12	13♎26	14°Y57	23♏53	19♐ 9	29♑21	22♒35	19♒25	15♓27	15♓42	5♓24	0♓ 3	W30

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
T 1	14s16	7s41	3n46	6s36	2n 5	12s55	0n59	3n29	2s 2	18n28	1s12	22s13	0n 9	10s 7	0n33	21n49
W 2	14 35	13 19	2 46	7 10	2 3	13 21	0 57	3 29	1 57	18 26	1 12	22 12	0 9	10 8	0 33	21 49
T 3	14 54	18 16	1 33	7 46	2 0	13 46	0 56	3 31	1 53	18 24	1 12	22 12	0 9	10 10	0 33	21 49
F 4	15 13	22 7	0 14	8 23	1 57	14 12	0 54	3 32	1 49	18 23	1 12	22 12	0 9	10 11	0 33	21 49
S 5	15 31	24 29	1s 6	9 0	1 53	14 37	0 52	3 34	1 44	18 21	1 12	22 11	0 9	10 12	0 33	21 49
S 6	15 49	25 10	2 21	9 38	1 49	15 1	0 50	3 36	1 40	18 19	1 12	22 11	0 8	10 14	0 33	21 49
M 7	16 7	24 9	3 26	10 15	1 44	15 25	0 48	3 38	1 36	18 18	1 12	22 10	0 8	10 15	0 33	21 49
T 8	16 25	21 37	4 17	10 53	1 39	15 49	0 46	3 40	1 32	18 16	1 12	22 10	0 8	10 16	0 33	21 49
W 9	16 42	17 53	4 53	11 31	1 34	16 13	0 44	3 43	1 28	18 14	1 12	22 9	0 8	10 18	0 33	21 49
T 10	16 59	13 17	5 11	12 9	1 28	16 36	0 42	3 46	1 24	18 12	1 12	22 9	0 8	10 19	0 33	21 49
F 11	17 16	8 8	5 12	12 46	1 22	16 58	0 40	3 50	1 20	18 10	1 12	22 8	0 8	10 20	0 33	21 48
S 12	17 33	2 42	4 57	13 23	1 16	17 20	0 38	3 53	1 16	18 9	1 12	22 8	0 8	10 21	0 33	21 48
S 13	17 49	2n44	4 27	14 0	1 10	17 42	0 35	3 57	1 13	18 7	1 11	22 7	0 8	10 23	0 33	21 48
M14	18 5	8 0	3 44	14 35	1 4	18 3	0 33	4 1	1 9	18 5	1 11	22 7	0 8	10 24	0 33	21 48
T 15	18 20	12 51	2 52	15 11	0 57	18 24	0 31	4 5	1 5	18 3	1 11	22 6	0 8	10 25	0 33	21 48
W16	18 36	17 8	1 52	15 46	0 50	18 44	0 29	4 10	1 1	18 1	1 11	22 6	0 8	10 26	0 33	21 48
T 17	18 50	20 39	0 47	16 20	0 44	19 4	0 27	4 15	0 58	18 0	1 11	22 5	0 8	10 28	0 33	21 48
F 18	19 5	23 15	0n19	16 53	0 37	19 23	0 24	4 20	0 54	17 58	1 11	22 4	0 7	10 29	0 33	21 48
S 19	19 19	24 48	1 23	17 25	0 30	19 41	0 22	4 25	0 51	17 56	1 11	22 4	0 7	10 30	0 33	21 48
S 20	19 33	25 13	2 24	17 57	0 23	19 59	0 20	4 31	0 48	17 54	1 11	22 3	0 7	10 31	0 33	21 48
M21	19 47	24 30	3 19	18 28	0 16	20 17	0 17	4 36	0 44	17 52	1 11	22 2	0 7	10 33	0 33	21 48
T 22	20 0	22 41	4 5	18 58	0 10	20 34	0 15	4 42	0 41	17 50	1 11	22 2	0 7	10 34	0 33	21 47
W23	20 13	19 51	4 42	19 27	0 3	20 50	0 13	4 48	0 38	17 49	1 10	22 1	0 7	10 35	0 33	21 47
T 24	20 25	16 6	5 6	19 55	0s 4	21 6	0 10	4 55	0 35	17 47	1 10	22 0	0 7	10 36	0 33	21 47
F 25	20 37	11 35	5 17	20 22	0 11	21 21	0 8	5 1	0 32	17 45	1 10	22 0	0 7	10 37	0 33	21 47
S 26	20 49	6 26	5 12	20 48	0 17	21 35	0 5	5 8	0 29	17 43	1 10	21 59	0 7	10 38	0 33	21 47
S 27	21 0	0 49	4 51	21 13	0 24	21 49	0 3	5 15	0 26	17 41	1 10	21 58	0 7	10 40	0 33	21 47
M28	21 11	5s 1	4 12	21 37	0 31	22 3	0 1	5 22	0 23	17 40	1 10	21 58	0 7	10 41	0 33	21 47
T 29	21 22	10 48	3 17	22 0	0 37	22 15	0 2	5 30	0 20	17 38	1 10	21 57	0 7	10 42	0 33	21 47
W30	21s32	16s 9	2n 7	22s22	0s43	22s27	0s 4	5n37	0s17	17n36	1s 9	21s56	0n 6	10s43	0n33	21n47

Julian Day Number = 2534028.5, Delta T = 190.47 sec

Ecliptic obliquity = 23°24'38", Nutation = - 0°00'18", out-of-bounds declination in red

Ayanamsha: Fagan/Bradley = 27°53'47", Lahiri = 27°00'48"

ASTRODIENST EPHEMERIS for the year 2225
geocentric

DECEMBER 2225

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	4 38 41	8°30'03	6°45	9°46	14°41	15°10	23°R46	19°315	29°25	22°R33	19°27	15°R27	15°II39	5°31	0°R 1	T 1
F 2	4 42 38	9°30'48	21°50	11°20	15°56	15°25	23°B38	19°21	29°28	22°II32	19°29	15°D26	15°36	5°38	29°V59	F 2
S 3	4 46 34	10°31'34	6°355	12°54	17°12	15°39	23°31	19°27	29°31	22°30	19°30	15°II27	15°33	5°44	29°57	S 3
S 4	4 50 31	11°32'22	21°51	14°29	18°27	15°55	23°23	19°33	29°34	22°29	19°32	15°27	15°29	5°51	29°55	S 4
M 5	4 54 27	12°33'10	6°333	16° 2	19°42	16°10	23°16	19°39	29°37	22°27	19°34	15°27	15°26	5°58	29°53	M 5
T 6	4 58 24	13°33'59	20°53	17°36	20°58	16°27	23° 9	19°46	29°40	22°25	19°35	15°28	15°23	6° 4	29°51	T 6
W 7	5 2 21	14°34'49	4°51	19°10	22°13	16°44	23° 2	19°52	29°43	22°24	19°37	15°28	15°20	6°11	29°49	W 7
T 8	5 6 17	15°35'40	18°25	20°44	23°29	17° 1	22°55	19°58	29°46	22°22	19°38	15°28	15°17	6°18	29°48	T 8
F 9	5 10 14	16°36'32	1°V38	22°18	24°44	17°19	22°48	20° 4	29°49	22°20	19°40	15°28	15°14	6°24	29°46	F 9
S 10	5 14 10	17°37'24	14°30	23°52	25°59	17°38	22°41	20°11	29°51	22°18	19°41	15°28	15°10	6°31	29°44	S 10
S 11	5 18 7	18°38'17	27° 6	25°25	27°15	17°57	22°34	20°17	29°54	22°17	19°43	15°28	15° 7	6°38	29°43	S 11
M12	5 22 3	19°39'11	9°B27	26°59	28°30	18°16	22°28	20°23	29°57	22°15	19°44	15°29	15° 4	6°44	29°41	M12
T 13	5 26 0	20°40'06	21°37	28°33	29°45	18°36	22°22	20°30	29°59	22°13	19°46	15°29	15° 1	6°51	29°39	T 13
W14	5 29 56	21°41'02	3°II39	0°B 7	1°B 1	18°56	22°16	20°36	0°II 3	22°12	19°47	15°30	14°58	6°57	29°38	W14
T 15	5 33 53	22°41'58	15°34	1°41	2°16	19°17	22° 9	20°43	0° 5	22°10	19°48	15°R30	14°55	7° 4	29°36	T 15
F 16	5 37 50	23°42'55	27°25	3°14	3°31	19°38	22° 4	20°49	0° 8	22° 8	19°50	15°30	14°51	7°11	29°35	F 16
S 17	5 41 46	24°43'54	9°B13	4°48	4°47	20° 0	21°58	20°56	0°10	22° 7	19°51	15°29	14°48	7°17	29°34	S 17
S 18	5 45 43	25°44'53	21° 2	6°22	6° 2	20°22	21°52	21° 3	0°13	22° 5	19°52	15°28	14°45	7°24	29°32	S 18
M19	5 49 39	26°45'52	2°B53	7°56	7°17	20°44	21°47	21° 9	0°15	22° 3	19°53	15°26	14°42	7°31	29°31	M19
T 20	5 53 36	27°46'53	14°48	9°29	8°33	21° 7	21°42	21°16	0°18	22° 1	19°54	15°24	14°39	7°37	29°30	T 20
W21	5 57 32	28°47'55	26°51	11° 3	9°48	21°30	21°37	21°23	0°20	22° 0	19°56	15°22	14°35	7°44	29°29	W21
T 22	6 1 29	29°48'57	9°B 6	12°36	11° 3	21°53	21°32	21°30	0°23	21°58	19°57	15°21	14°32	7°51	29°28	T 22
F 23	6 5 26	0°B50'01	21°36	14°10	12°19	22°17	21°27	21°36	0°25	21°56	19°58	15°20	14°29	7°57	29°27	F 23
S 24	6 9 22	1°51'05	4°B24	15°43	13°34	22°41	21°22	21°43	0°27	21°55	19°59	15°D19	14°26	8° 4	29°26	S 24
S 25	6 13 19	2°52'10	17°35	17°15	14°49	23° 6	21°18	21°50	0°30	21°53	20° 0	15°20	14°23	8°11	29°25	S 25
M26	6 17 15	3°53'16	1°B12	18°47	16° 5	23°31	21°14	21°57	0°32	21°51	20° 1	15°21	14°20	8°17	29°24	M26
T 27	6 21 12	4°54'22	15°15	20°19	17°20	23°56	21°10	22° 4	0°34	21°50	20° 2	15°23	14°16	8°24	29°23	T 27
W28	6 25 8	5°55'30	29°45	21°50	18°35	24°22	21° 6	22°11	0°36	21°48	20° 3	15°24	14°13	8°31	29°22	W28
T 29	6 29 5	6°56'38	14°B37	23°20	19°51	24°47	21° 3	22°18	0°38	21°47	20° 4	15°R24	14°10	8°37	29°22	T 29
F 30	6 33 1	7°57'46	29°45	24°49	21° 6	25°13	20°59	22°24	0°40	21°45	20° 5	15°24	14° 7	8°44	29°21	F 30
S 31	6 36 58	8°B58'55	15°B 1	26°B17	22°B21	25°V40	20°B56	22°B31	0°II42	21°II43	20°B 5	15°II22	14°II 4	8°B51	29°V20	S 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	21s42	20s37	0n48	22s42	0s50	22s39	0s 7	5n45	0s14	17n34	1s 9	21s55	0n 6	10s44	0n33	T 1
F 2	21 51	23 45	0s35	23 2	0 56	22 49	0 9	5 53	0 12	17 33	1 9	21 55	0 6	10 45	0 33	F 2
S 3	22 0	25 10	1 57	23 20	1 2	22 59	0 11	6 1	0 9	17 31	1 9	21 54	0 6	10 46	0 33	S 3
S 4	22 8	24 45	3 9	23 37	1 7	23 8	0 14	6 9	0 7	17 29	1 9	21 53	0 6	10 47	0 33	S 4
M 5	22 16	22 37	4 8	23 53	1 13	23 17	0 16	6 17	0 4	17 28	1 8	21 52	0 6	10 48	0 33	M 5
T 6	22 24	19 5	4 49	24 8	1 18	23 25	0 19	6 26	0 2	17 26	1 8	21 52	0 6	10 49	0 33	T 6
W 7	22 31	14 34	5 13	24 22	1 24	23 32	0 21	6 35	0n 1	17 25	1 8	21 51	0 6	10 50	0 33	W 7
T 8	22 38	9 26	5 18	24 34	1 29	23 38	0 23	6 43	0 3	17 23	1 8	21 50	0 6	10 52	0 33	T 8
F 9	22 44	4 1	5 5	24 45	1 34	23 44	0 26	6 52	0 5	17 22	1 8	21 49	0 6	10 53	0 33	F 9
S 10	22 50	1n26	4 38	24 54	1 39	23 49	0 28	7 1	0 7	17 20	1 7	21 48	0 6	10 53	0 33	S 10
S 11	22 56	6 43	3 58	25 3	1 43	23 53	0 30	7 11	0 10	17 19	1 7	21 47	0 6	10 54	0 33	S 11
M12	23 0	11 40	3 7	25 10	1 47	23 57	0 33	7 20	0 12	17 17	1 7	21 46	0 6	10 55	0 33	M12
T 13	23 5	16 4	2 9	25 15	1 51	24 0	0 35	7 29	0 14	17 16	1 7	21 46	0 5	10 56	0 33	T 13
W14	23 9	19 47	1 5	25 20	1 55	24 2	0 37	7 39	0 16	17 14	1 6	21 45	0 5	10 57	0 33	W14
T 15	23 13	22 38	0n 0	25 22	1 58	24 3	0 40	7 49	0 18	17 13	1 6	21 44	0 5	10 58	0 33	T 15
F 16	23 16	24 29	1 6	25 24	2 2	24 4	0 42	7 59	0 20	17 12	1 6	21 43	0 5	10 59	0 33	F 16
S 17	23 18	25 13	2 8	25 24	2 4	24 3	0 44	8 8	0 22	17 11	1 6	21 42	0 5	11 0	0 33	S 17
S 18	23 21	24 49	3 5	25 22	2 7	24 2	0 46	8 18	0 23	17 9	1 6	21 41	0 5	11 1	0 33	S 18
M19	23 22	23 17	3 54	25 19	2 9	24 1	0 48	8 28	0 25	17 8	1 5	21 40	0 5	11 2	0 33	M19
T 20	23 23	20 43	4 33	25 15	2 11	23 58	0 50	8 39	0 27	17 7	1 5	21 39	0 5	11 3	0 33	T 20
W21	23 24	17 15	5 0	25 9	2 12	23 55	0 52	8 49	0 29	17 6	1 5	21 38	0 5	11 3	0 33	W21
T 22	23 25	13 0	5 15	25 2	2 13	23 51	0 54	8 59	0 30	17 5	1 5	21 37	0 5	11 4	0 33	T 22
F 23	23 24	8 9	5 15	24 53	2 14	23 47	0 56	9 10	0 32	17 4	1 4	21 36	0 5	11 5	0 33	F 23
S 24	23 24	2 50	4 59	24 43	2 14	23 41	0 58	9 20	0 34	17 3	1 4	21 35	0 5	11 6	0 33	S 24
S 25	23 23	2s46	4 28	24 31	2 14	23 35	1 0	9 31	0 35	17 2	1 4	21 34	0 5	11 7	0 33	S 25
M26	23 21	8 25	3 41	24 17	2 13	23 28	1 2	9 41	0 37	17 1	1 3	21 33	0 4	11 7	0 33	M26
T 27	23 19	13 51	2 39	24 3	2 12	23 21	1 4	9 52	0 38	17 1	1 3	21 32	0 4	11 8	0 33	T 27
W28	23 17	18 41	1 25	23 47	2 10	23 12	1 6	10 3	0 39	17 0	1 3	21 31	0 4	11 9	0 33	W28
T 29	23 14	22 27	0 4	23 29	2 7	23 3	1 7	10 13	0 41	16 59	1 3	21 30	0 4	11 9	0 33	T 29
F 30	23 10	24 43	1s18	23 10	2 4	22 54	1 9	10 24	0 42	16 59	1 2	21 29	0 4	11 10	0 34	F 30
S 31	23s 6	25s 9	2s36	22s50	2s 0	22s43	1s11	10n35	0n44	16n58	1s 2	21s28	0n 4	11s11	0n34	S 31

Julian Day Number = 2534058.5, Delta T = 190.56 sec
Ecliptic obliquity = 23°24'37", Nutation = - 0°00'18", out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°53'51", Lahiri = 27°00'52"