



# Astrodienst Ephemeris Tables for the year 2075

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 2075

## geocentric

JANUARY 2075

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	6 43 9	10°34'15	25°11'24	0°12'12	24°11'15	25°34'47	14°R36	13°13'6	10°35'50	21°R 1	6°V50	23°R40	24°E27	15°11'11	18°V 6	T 1
W 2	6 47 6	11°41'23	7°E17	1°12'25	25°21'26	26°34'14	14°R35	13°13'10	10°54'20	20°E59	6°S1	23°E39	24°24'15	15°18'18	18° 6	W 2
T 3	6 51 2	12°42'31	19°16'19	2° 6'26	26°26'27	27°20'14	14°34'13	13°19'10	10°57'20	20°58'6	6°S1	23°D38	24°21'15	15°25'18	18° 6	T 3
F 4	6 54 59	13°43'39	1°12'21	2°54'27	27°32'28	28° 7'14	14°34'13	13°26'11	1° 1'20	20°56'6	6°S1	23°38'24	24°18'15	15°31'18	18° 7	F 4
S 5	6 58 55	14°44'47	13°35'3	3°34'28	28°38'28	28°54'14	14°32'13	13°32'11	5° 20'20	20°54'6	6°S2	23°39'24	24°14'15	15°38'18	18° 7	S 5
S 6	7 2 52	15°45'55	26° 0'4	4° 5'29	29°44'29	29°41'14	14°31'13	13°39'11	8° 20'20	20°53'6	6°S2	23°40'24	24°11'15	15°45'18	18° 7	S 6
M 7	7 6 48	16°47'03	8°17'37	4°27'0	29°50'0	29°58'0	14°30'13	13°45'11	12° 20'20	20°51'6	6°S2	23°40'24	24° 8'15	15°51'18	18° 8	M 7
T 8	7 10 45	17°48'11	21°29'4	4°38'1	1°57'1	1°15'14	14°28'13	13°51'11	15° 20'20	20°49'6	6°S3	23°41'24	24° 5'15	15°58'18	18° 8	T 8
W 9	7 14 41	18°49'20	4°13'39	4°R39	3° 4'2	2° 2'14	14°26'13	13°58'11	19° 20'20	20°48'6	6°S3	23°42'24	24° 2'16	16° 5'18	18° 9	W 9
T 10	7 18 38	19°50'28	18° 8'4	4°28'4	4°11'2	2°49'14	14°24'14	14° 4'11	23° 20'20	20°46'6	6°S4	23°R42'23	23°59'16	16°11'18	18°10	T 10
F 11	7 22 35	20°51'37	1°11'57	4° 5'5	5°19'3	3°36'14	14°22'14	14°10'11	26° 20'20	20°44'6	6°S4	23°42'23	23°55'16	16°18'18	18°10	F 11
S 12	7 26 31	21°52'45	16° 7'3	3°30'6	6°26'4	4°23'14	14°20'14	14°16'11	30° 20'20	20°43'6	6°S5	23°41'23	23°52'16	16°25'18	18°11	S 12
S 13	7 30 28	22°53'54	0°13'36	2°44'7	7°34'5	5°10'14	14°17'14	14°22'11	33° 20'20	20°41'6	6°S5	23°41'23	23°49'16	16°31'18	18°12	S 13
M14	7 34 24	23°55'03	15°21'1	1°48'8	8°42'5	5°58'14	14°14'14	14°28'11	37° 20'20	20°39'6	6°S6	23°D41'23	23°46'16	16°38'18	18°13	M14
T 15	7 38 21	24°56'12	0°13'16	0°43'9	9°50'6	6°45'14	14°11'14	14°34'11	40° 20'20	20°37'6	6°S6	23°41'23	23°43'16	16°45'18	18°14	T 15
W16	7 42 17	25°57'20	15°12'29	1°31'10	10°58'7	7°32'14	14° 8'14	14°40'11	44° 20'20	20°36'6	6°S7	23°41'23	23°39'16	16°51'18	18°15	W16
T 17	7 46 14	26°58'28	0°13'3	28°15'12	12° 7'8	8°19'14	14° 5'14	14°46'11	47° 20'20	20°34'6	6°S7	23°R41'23	23°36'16	16°58'18	18°16	T 17
F 18	7 50 10	27°59'36	14°40'26	26°56'13	13°15'9	9° 6'14	14° 1'14	14°52'11	51° 20'20	20°32'6	6°S8	23°41'23	23°33'17	17° 5'18	18°17	F 18
S 19	7 54 7	29° 0'43	28°58'25	25°38'14	14°24'9	9°54'13	13°57'14	14°58'11	54° 20'20	20°31'6	6°S9	23°41'23	23°30'17	17°11'18	18°18	S 19
S 20	7 58 4	0°11'49	12°11'51	24°23'15	15°33'10	10°41'13	13°54'15	15° 3'11	58° 20'20	20°29'6	6°S9	23°40'23	23°27'17	17°18'18	18°19	S 20
M21	8 2 0	1° 2'54	26°18'23	12°12'16	16°42'11	11°28'13	13°50'15	15° 9'12	1° 20'20	20°27'7	0° 23°39	23°24'17	23°24'17	17°25'18	18°20	M21
T 22	8 5 57	2° 3'59	9°V20	22° 7'17	17°51'12	12°16'13	13°45'15	15°15'12	5° 20'20	20°26'7	1° 23°38	23°20'17	23°20'17	17°32'18	18°21	T 22
W23	8 9 53	3° 5'02	21°59'21	10°19'0	13° 3'13	13°41'15	15°20'12	12° 8'20	2° 20'20	20°24'7	2° 23°38	23°17'17	23°17'17	17°38'18	18°23	W23
T 24	8 13 50	4° 6'05	4°B19	20°22'20	10°13'5	13°50'13	13°36'15	15°26'12	11° 20'20	20°22'7	2° 23°D37	23°14'17	23°14'17	17°45'18	18°24	T 24
F 25	8 17 46	5° 7'06	16°24'19	19°43'21	19°19'14	14°38'13	13°32'15	15°31'12	15° 20'20	20°21'7	3° 23°38	23°11'17	23°11'17	17°52'18	18°26	F 25
S 26	8 21 43	6° 8'07	28°19'19	19°12'22	22°29'15	15°25'13	13°27'15	15°37'12	18° 20'20	20°19'7	4° 23°39	23° 8'17	23° 8'17	17°58'18	18°27	S 26
S 27	8 25 39	7° 9'06	10°II 8	18°51'23	23°39'16	16°12'13	13°22'15	15°42'12	22° 20'20	20°17'7	5° 23°40	23° 5'23	23° 5'23	18° 5'18	18°29	S 27
M28	8 29 36	8°10'05	21°57'18	18°39'24	24°49'17	17° 0'13	13°16'15	15°47'12	25° 20'20	20°16'7	6° 23°41	23° 1'23	23° 1'23	18°12'18	18°30	M28
T 29	8 33 33	9°11'02	3°E49	18°D35	25°59'17	17°47'13	13°11'15	15°52'12	28° 20'20	20°14'7	7° 23°43	22°58'18	22°58'18	18°18'18	18°32	T 29
W30	8 37 29	10°11'59	15°47'18	18°39'27	27° 9'18	18°35'13	13° 6'15	15°57'12	32° 20'20	20°13'7	7° 23°43	22°55'18	22°55'18	18°25'18	18°34	W30
T 31	8 41 26	11°12'54	27°E55	18°35'28	28°19'19	19°22'13	13°17'16	16°11'12	35° 20'20	20°11'7	8° 23°R44	22°E52	22°E52	18°11'32	18°V35	T 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
T 1	23s 0	20n51	2s30	21s18	1s14	15s51	3n 4	22s 2	1s 5	7n 8	1n10	20s47	1n35	23s19	0s20	21n 7
W 2	22 55	21 44	1 29	20 54	1 3	16 7	3 3	21 54	1 5	7 8	1 10	20 48	1 35	23 19	0 20	21 7
T 3	22 49	21 39	0 24	20 31	0 51	16 23	3 3	21 45	1 5	7 9	1 10	20 49	1 35	23 18	0 20	21 7
F 4	22 43	20 33	0n43	20 7	0 38	16 38	3 2	21 36	1 5	7 9	1 10	20 50	1 35	23 18	0 20	21 8
S 5	22 37	18 28	1 49	19 44	0 24	16 54	3 1	21 26	1 5	7 10	1 11	20 50	1 35	23 18	0 20	21 8
S 6	22 30	15 31	2 50	19 22	0 8	17 9	3 1	21 16	1 5	7 11	1 11	20 51	1 35	23 17	0 20	21 8
M 7	22 22	11 48	3 45	19 1	0n 8	17 23	3 0	21 6	1 5	7 12	1 11	20 52	1 35	23 17	0 20	21 8
T 8	22 15	7 30	4 29	18 41	0 25	17 38	2 58	20 56	1 5	7 13	1 11	20 53	1 35	23 17	0 20	21 9
W 9	22 6	2 45	5 0	18 24	0 43	17 52	2 57	20 46	1 5	7 14	1 12	20 53	1 35	23 16	0 20	21 9
T 10	21 58	2s14	5 16	18 8	1 2	18 6	2 56	20 35	1 6	7 15	1 12	20 54	1 35	23 16	0 20	21 9
F 11	21 49	7 13	5 15	17 55	1 21	18 19	2 54	20 24	1 6	7 16	1 12	20 55	1 35	23 16	0 20	21 9
S 12	21 39	11 57	4 54	17 45	1 40	18 32	2 53	20 13	1 6	7 17	1 13	20 55	1 35	23 16	0 20	21 10
S 13	21 29	16 7	4 14	17 37	1 58	18 45	2 51	20 2	1 6	7 18	1 13	20 56	1 35	23 15	0 20	21 10
M14	21 19	19 21	3 17	17 32	2 16	18 57	2 49	19 50	1 6	7 19	1 13	20 57	1 35	23 15	0 20	21 10
T 15	21 8	21 19	2 7	17 30	2 33	19 9	2 47	19 38	1 6	7 21	1 13	20 57	1 35	23 15	0 20	21 11
W16	20 57	20 42	0 47	17 30	2 48	19 21	2 45	19 16	1 6	7 22	1 14	20 58	1 35	23 14	0 20	21 11
T 17	20 45	21 47	0s35	17 33	3 1	19 32	2 43	19 14	1 6	7 24	1 14	20 59	1 35	23 14	0 20	21 11
F 18	20 33	18 14	1 54	17 38	3 12	19 43	2 41	19 2	1 6	7 25	1 14	20 59	1 36	23 14	0 20	21 11
S 19	20 21	14 42	3 4	17 44	3 20	19 53	2 39	18 49	1 6	7 27	1 14	21 0	1 36	23 14	0 20	21 12
S 20	20 8	10 26	4 1	17 52	3 26	20 3	2 36	18 36	1 6	7 29	1 15	21 0	1 36	23 13	0 20	21 12
M21	19 55	5 47	4 42	18 0	3 29	20 13	2 34	18 23	1 6	7 31	1 15	21 1	1 36	23 13	0 20	21 12
T 22	19 41	1 1	5 8	18 10	3 30	20 22	2 32	18 10	1 6	7 32	1 15	21 2	1 36	23 13	0 20	21 12
W23	19 28	3n39	5 17	18 20	3 28	20 30	2 29	17 56	1 6	7 34	1 15	21 2	1 36	23 12	0 20	21 13
T 24	19 13	8 3	5 12	18 31	3 25	20 38	2 26	17 43	1 6	7 36	1 16	21 3	1 36	23 12	0 20	21 13
F 25	18 59	12 3	4 53	18 41	3 20	20 45	2 24	17 29	1 5	7 38	1 16	21 3	1 36	23 12	0 20	21 13
S 26	18 44	15 32	4 21	18 52	3 13	20 52	2 21	17 15	1 5	7 41	1 16	21 4	1 36	23 11	0 20	21 13
S 27	18 29	18 21	3 39	19 3	3 5	20 59	2 18	17 1	1 5	7 43	1 16	21 4	1 36	23 11	0 20	21 14
M28	18 13	20 24	2 47	19 13	2 57	21 5	2 15	16 46	1 5	7 45	1 16	21 5	1 36	23 11	0 20	21 14
T 29	17 57	21 34	1 48	19 23	2 47	21 10	2 12	16 32	1 5	7 47	1 17	21 5	1 36	23 11	0 20	21 14
W30	17 41	21 46	0 44	19 32	2 37	21 15	2 9	16 17	1 5	7 49	1 17	21 6	1 36	23 10	0 20	21 14
T 31	17s24	20n57	0n23	19s41	2n26	21s19	2n 6	16s 2	1s 5	7n52	1n17	21s 6	1n36	23s10	0s20	21n15

Julian Day Number = 2478938.5, Delta T = 82.81 sec  
 Ecliptic obliquity = 23°25'42, Nutation = - 0°00'15, out-of-bounds declination in red  
 Ayanamsha: Fagan/Bradley = 25°47'17, Lahiri = 24°54'18

# ASTRODIENST EPHEMERIS for the year 2075

## geocentric

FEBRUARY 2075

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	8 45 22	12 <sup>23</sup> 13'49	10 <sup>02</sup> 13	19 <sup>38</sup> 8	29 <sup>27</sup> 29	20 <sup>22</sup> 9	12°R54	16 <sup>27</sup> 7	12 <sup>38</sup> 38	20°R10	7 <sup>17</sup> 9	23°R43	22 <sup>59</sup> 49	18 <sup>11</sup> 38	18 <sup>17</sup> 37	F 1
S 2	8 49 19	13°14'42	22°44	19°32	0 <sup>38</sup> 40	20°57	12 <sup>17</sup> 48	16°12	12°41	20 <sup>58</sup> 8	7°10	23 <sup>54</sup> 41	22°45	18°45	18°39	S 2
S 3	8 53 15	14°15'34	5 <sup>17</sup> 29	20° 2	1°50	21°44	12°42	16°17	12°45	20° 7	7°11	23°38	22°42	18°52	18°41	S 3
M 4	8 57 12	15°16'25	18°26	20°37	3° 1	22°32	12°36	16°22	12°48	20° 5	7°12	23°35	22°39	18°58	18°43	M 4
T 5	9 1 8	16°17'16	1 <sup>23</sup> 38	21°17	4°12	23°19	12°30	16°27	12°51	20° 4	7°13	23°31	22°36	19° 5	18°45	T 5
W 6	9 5 5	17°18'05	15° 2	22° 2	5°23	24° 7	12°23	16°31	12°54	20° 2	7°14	23°28	22°33	19°12	18°47	W 6
T 7	9 9 2	18°18'54	28°39	22°50	6°34	24°54	12°17	16°36	12°57	20° 1	7°15	23°26	22°30	19°18	18°49	T 7
F 8	9 12 58	19°19'41	12 <sup>11</sup> 28	23°42	7°45	25°42	12°10	16°40	13° 0	19°59	7°16	23°24	22°26	19°25	18°51	F 8
S 9	9 16 55	20°20'28	26°29	24°37	8°56	26°29	12° 3	16°45	13° 3	19°58	7°17	23°D24	22°23	19°32	18°53	S 9
S 10	9 20 51	21°21'14	10 <sup>27</sup> 41	25°35	10° 7	27°17	11°56	16°49	13° 6	19°56	7°18	23°25	22°20	19°38	18°55	S 10
M 11	9 24 48	22°21'59	25° 2	26°36	11°18	28° 4	11°49	16°53	13° 9	19°55	7°19	23°27	22°17	19°45	18°57	M 11
T 12	9 28 44	23°22'43	9 <sup>38</sup> 29	27°40	12°29	28°51	11°42	16°57	13°12	19°54	7°20	23°28	22°14	19°52	19° 0	T 12
W 13	9 32 41	24°23'26	23°58	28°46	13°41	29°39	11°35	17° 1	13°15	19°52	7°22	23°R29	22°11	19°58	19° 2	W 13
T 14	9 36 37	25°24'07	8 <sup>22</sup> 25	29°54	14°52	0 <sup>12</sup> 26	11°28	17° 5	13°18	19°51	7°23	23°28	22° 7	20° 5	19° 4	T 14
F 15	9 40 34	26°24'48	22°44	1 <sup>22</sup> 4	16° 4	1°14	11°20	17° 9	13°21	19°50	7°24	23°25	22° 4	20°12	19° 7	F 15
S 16	9 44 31	27°25'26	6 <sup>12</sup> 50	2°16	17°15	2° 1	11°13	17°13	13°24	19°48	7°25	23°21	22° 1	20°18	19° 9	S 16
S 17	9 48 27	28°26'04	20°38	3°30	18°27	2°49	11° 5	17°17	13°27	19°47	7°26	23°16	21°58	20°25	19°12	S 17
M 18	9 52 24	29°26'39	4 <sup>17</sup> 4	4°46	19°39	3°36	10°58	17°21	13°29	19°46	7°27	23° 9	21°55	20°32	19°14	M 18
T 19	9 56 20	0 <sup>12</sup> 27'13	17° 9	6° 3	20°50	4°24	10°50	17°24	13°32	19°45	7°29	23° 3	21°51	20°38	19°17	T 19
W 20	10 0 17	1°27'45	29°51	7°21	22° 2	5°11	10°42	17°28	13°35	19°43	7°30	22°58	21°48	20°45	19°19	W 20
T 21	10 4 13	2°28'16	12 <sup>28</sup> 14	8°41	23°14	5°59	10°35	17°31	13°37	19°42	7°31	22°54	21°45	20°52	19°22	T 21
F 22	10 8 10	3°28'45	24°21	10° 2	24°26	6°46	10°27	17°34	13°40	19°41	7°32	22°52	21°42	20°58	19°25	F 22
S 23	10 12 6	4°29'12	6 <sup>11</sup> 18	11°25	25°38	7°34	10°19	17°38	13°43	19°40	7°34	22°D51	21°39	21° 5	19°27	S 23
S 24	10 16 3	5°29'37	18° 7	12°49	26°50	8°21	10°11	17°41	13°45	19°39	7°35	22°52	21°36	21°12	19°30	S 24
M 25	10 20 0	6°30'00	29°56	14°14	28° 2	9° 8	10° 4	17°44	13°48	19°38	7°36	22°54	21°32	21°18	19°33	M 25
T 26	10 23 56	7°30'21	11 <sup>28</sup> 49	15°40	29°14	9°56	9°56	17°47	13°50	19°37	7°38	22°55	21°29	21°25	19°36	T 26
W 27	10 27 53	8°30'40	23°51	17° 7	0 <sup>22</sup> 26	10°43	9°48	17°50	13°53	19°36	7°39	22°R56	21°26	21°32	19°38	W 27
T 28	10 31 49	9 <sup>12</sup> 30'58	6 <sup>02</sup> 6	18 <sup>22</sup> 36	1 <sup>22</sup> 38	11 <sup>12</sup> 30	9 <sup>17</sup> 40	17 <sup>27</sup> 52	13 <sup>28</sup> 55	19 <sup>28</sup> 35	7 <sup>17</sup> 40	22 <sup>55</sup> 55	21 <sup>28</sup> 23	21 <sup>11</sup> 38	19 <sup>17</sup> 41	T 28

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
F 1	17s 7	19n 7	1n30	19s50	2n15	21s23	2n 3	15s47	1s 5	7n54	1n17	21s 6	1n36	23s10	0s20	21n15	0s40	12s19	16s31	21n21	21n30	20n 3	8n16	1n 3			
S 2	16 50	16 21	2 33	19 57	2 4	21 26	1 59	15 32	1 5	7 57	1 18	21 7	1 36	23 9	0 20	21 15	0 40	12 19	16 31	21 21	21 31	20 5	8 17	1 3			
S 3	16 33	12 46	3 30	20 4	1 53	21 29	1 56	15 16	1 5	7 59	1 18	21 7	1 37	23 9	0 20	21 15	0 40	12 18	16 31	21 22	21 31	20 6	8 17	1 3			
M 4	16 15	8 31	4 18	20 10	1 42	21 31	1 53	15 1	1 5	8 2	1 18	21 8	1 37	23 9	0 20	21 16	0 40	12 18	16 30	21 22	21 32	20 7	8 18	1 3			
T 5	15 57	3 49	4 52	20 15	1 31	21 32	1 50	14 45	1 4	8 4	1 18	21 8	1 37	23 9	0 20	21 16	0 40	12 17	16 30	21 23	21 32	20 9	8 19	1 3			
W 6	15 39	1s 8	5 11	20 19	1 20	21 33	1 46	14 29	1 4	8 7	1 18	21 8	1 37	23 8	0 20	21 16	0 40	12 16	16 30	21 23	21 33	20 10	8 19	1 3			
T 7	15 20	6 6	5 13	20 22	1 9	21 33	1 43	14 13	1 4	8 10	1 19	21 9	1 37	23 8	0 20	21 16	0 40	12 16	16 30	21 24	21 33	20 11	8 20	1 3			
F 8	15 1	10 51	4 57	20 24	0 58	21 33	1 39	13 57	1 4	8 12	1 19	21 9	1 37	23 8	0 20	21 17	0 40	12 15	16 29	21 24	21 34	20 12	8 21	1 3			
S 9	14 42	15 5	4 24	20 25	0 47	21 32	1 36	13 41	1 4	8 15	1 19	21 10	1 37	23 7	0 20	21 17	0 40	12 14	16 29	21 24	21 34	20 14	8 21	1 2			
S 10	14 23	18 31	3 34	20 24	0 37	21 30	1 32	13 25	1 4	8 18	1 19	21 10	1 37	23 7	0 20	21 17	0 40	12 14	16 29	21 24	21 35	20 15	8 22	1 2			
M 11	14 3	20 50	2 30	20 23	0 27	21 28	1 29	13 8	1 4	8 21	1 19	21 10	1 37	23 7	0 20	21 17	0 40	12 13	16 29	21 24	21 35	20 16	8 23	1 2			
T 12	13 43	21 50	1 16	20 20	0 17	21 26	1 25	12 51	1 3	8 24	1 19	21 11	1 37	23 7	0 20	21 18	0 40	12 12	16 28	21 23	21 36	20 17	8 24	1 2			
W 13	13 23	21 21	0s 3	20 17	0 7	21 22	1 22	12 35	1 3	8 27	1 20	21 11	1 37	23 6	0 20	21 18	0 40	12 12	16 28	21 23	21 36	20 19	8 24	1 2			
T 14	13 3	19 27	1 21	20 12	0s 2	21 18	1 18	12 18	1 3	8 30	1 20	21 11	1 37	23 6	0 20	21 18	0 40	12 11	16 28	21 23	21 37	20 20	8 25	1 2			
F 15	12 42	16 21	2 33	20 6	0 11	21 14	1 15	12 1	1 3	8 32	1 20	21 11	1 38	23 6	0 20	21 18	0 40	12 10	16 28	21 24	21 37	20 21	8 26	1 2			
S 16	12 22	12 19	3 35	19 58	0 20	21 9	1 11	11 43	1 3	8 35	1 20	21 12	1 38	23 6	0 20	21 18	0 40	12 10	16 27	21 25	21 38	20 22	8 27	1 2			
S 17	12 1	7 44	4 22	19 50	0 29	21 3	1 7	11 26	1 2	8 38	1 20	21 12	1 38	23 5	0 20	21 19	0 40	12 9	16 27	21 26	21 38	20 24	8 28	1 2			
M 18	11 40	2 53	4 54	19 40	0 37	20 56	1 4	11 9	1 2	8 41	1 20	21 12	1 38	23 5	0 20	21 19	0 40	12 8	16 27	21 27	21 39	20 25	8 28	1 1			
T 19	11 18	1n58	5 9	19 29	0 45	20 49	1 0	10 51	1 2	8 44	1 20	21 12	1 38	23 5	0 20	21 19	0 40	12 8	16 27	21 28	21 39	20 26	8 29	1 1			
W 20	10 57	6 36	5 9	19 16	0 52	20 42	0 56	10 34	1 2	8 47	1 21	21 13	1 38	23 4	0 20	21 19	0 40	12 7	16 27	21 28	21 40	20 27	8 30	1 1			
T 21	10 35	10 50	4 54	19 3	1 0	20 34	0 53	10 16	1 1	8 50	1 21	21 13	1 38	23 4	0 20	21 19	0 40	12 6	16 26	21 29	21 40	20 28	8 31	1 1			
F 22	10 14	14 33	4 26	18 48	1 7	20 25	0 49	9 58	1 1	8 53	1 21	21 13	1 38	23 4	0 20	21 20	0 40	12 6	16 26	21 29	21 41	20 30	8 32	1 1			
S 23	9 52	17 38	3 46	18 32	1 14	20 16	0 46	9 40	1 1	8 57	1 21	21 13	1 38	23 4	0 20	21 20	0 40	12 5	16 26	21 30	21 41	20 31	8 33	1 1			
S 24	9 30	19 57	2 58	18 14	1 20	20 6	0 42	9 22	1 1	9 0	1 21	21 13	1 38	23 4	0 20	21 20	0 40	12 4	16 26	21 29	21 42	20 32	8 34	1 1			
M 25	9 7	21 24	2 2	17 55	1 26	19 55	0 38	9 4	1 0	9 3	1 21	21 14	1 39	23 3	0 21	21 20	0 40	12 4	16 26	21 29	21 42	20 33	8 35	1 1			
T 26	8 45	21 55	1 0	17 35	1 32	19 44	0 35	8 46	1 0	9 6	1 21	21 14	1 39	23 3	0 21	21 20	0 40	12 3	16 25	21 29	21 43	20 34	8 36	1 1			
W 27	8 23	21 24	0n 5	17 14	1 37	19 32	0 31	8 28	1 0	9 9	1 21	21 14	1 39	23 3	0 21	21 20	0 40	12 3	16 25	21 29	21 43	20 36	8 37	1 0			
T 28	8s 0	19n53	1n11	16s52	1s42	19s20	0n28	8s10	1s 0	9n12	1n21	21s14	1n39	23s 3	0s21	21n21	0s40	12s 2	16s25	21n29	21n44	20n37	8n38	1n 3			

# ASTRODIENST EPHEMERIS for the year 2075

## geocentric

MARCH 2075

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	10 35 46	10 <sup>h</sup> 31'13"	18 <sup>h</sup> 03'36"	20 <sup>h</sup> 06'06"	2 <sup>h</sup> 28'50"	12 <sup>h</sup> 18'18"	9 <sup>h</sup> 03'32"	17 <sup>h</sup> 17'55"	13 <sup>h</sup> 03'58"	19 <sup>h</sup> 03'34"	7 <sup>h</sup> 41'41"	22 <sup>h</sup> 05'52"	21 <sup>h</sup> 05'20"	21 <sup>h</sup> 05'45"	19 <sup>h</sup> 04'44"	F 1
S 2	10 39 42	11 <sup>h</sup> 31'27"	1 <sup>h</sup> 07'24"	21 <sup>h</sup> 36'06"	4 <sup>h</sup> 02'02"	13 <sup>h</sup> 05'05"	9 <sup>h</sup> 07'24"	17 <sup>h</sup> 58'58"	14 <sup>h</sup> 00'00"	19 <sup>h</sup> 03'33"	7 <sup>h</sup> 43'43"	22 <sup>h</sup> 04'46"	21 <sup>h</sup> 01'17"	21 <sup>h</sup> 05'52"	19 <sup>h</sup> 04'47"	S 2
S 3	10 43 39	12 <sup>h</sup> 31'38"	14 <sup>h</sup> 30'30"	23 <sup>h</sup> 08'08"	5 <sup>h</sup> 15'15"	13 <sup>h</sup> 52'52"	9 <sup>h</sup> 16'16"	18 <sup>h</sup> 00'00"	14 <sup>h</sup> 02'02"	19 <sup>h</sup> 32'32"	7 <sup>h</sup> 44'44"	22 <sup>h</sup> 39'39"	21 <sup>h</sup> 01'13"	21 <sup>h</sup> 58'58"	19 <sup>h</sup> 50'50"	S 3
M 4	10 47 35	13 <sup>h</sup> 31'48"	27 <sup>h</sup> 53'33"	24 <sup>h</sup> 41'41"	6 <sup>h</sup> 27'27"	14 <sup>h</sup> 40'40"	9 <sup>h</sup> 09'09"	18 <sup>h</sup> 03'03"	14 <sup>h</sup> 04'04"	19 <sup>h</sup> 31'31"	7 <sup>h</sup> 46'46"	22 <sup>h</sup> 30'30"	21 <sup>h</sup> 01'10"	22 <sup>h</sup> 05'05"	19 <sup>h</sup> 53'53"	M 4
T 5	10 51 32	14 <sup>h</sup> 31'57"	11 <sup>h</sup> 03'17"	26 <sup>h</sup> 15'15"	7 <sup>h</sup> 39'39"	15 <sup>h</sup> 27'27"	9 <sup>h</sup> 01'01"	18 <sup>h</sup> 05'05"	14 <sup>h</sup> 07'07"	19 <sup>h</sup> 30'30"	7 <sup>h</sup> 47'47"	22 <sup>h</sup> 21'21"	21 <sup>h</sup> 01'07"	22 <sup>h</sup> 12'12"	19 <sup>h</sup> 56'56"	T 5
W 6	10 55 29	15 <sup>h</sup> 32'03"	25 <sup>h</sup> 20'20"	27 <sup>h</sup> 50'50"	8 <sup>h</sup> 52'52"	16 <sup>h</sup> 14'14"	8 <sup>h</sup> 53'53"	18 <sup>h</sup> 07'07"	14 <sup>h</sup> 09'09"	19 <sup>h</sup> 30'30"	7 <sup>h</sup> 48'48"	22 <sup>h</sup> 13'13"	21 <sup>h</sup> 01'04"	22 <sup>h</sup> 18'18"	19 <sup>h</sup> 59'59"	W 6
T 7	10 59 25	16 <sup>h</sup> 32'08"	9 <sup>h</sup> 03'17"	29 <sup>h</sup> 26'26"	10 <sup>h</sup> 04'04"	17 <sup>h</sup> 01'01"	8 <sup>h</sup> 45'45"	18 <sup>h</sup> 09'09"	14 <sup>h</sup> 11'11"	19 <sup>h</sup> 29'29"	7 <sup>h</sup> 50'50"	22 <sup>h</sup> 06'06"	21 <sup>h</sup> 01'01"	22 <sup>h</sup> 25'25"	20 <sup>h</sup> 02'02"	T 7
F 8	11 3 22	17 <sup>h</sup> 32'11"	23 <sup>h</sup> 20'20"	1 <sup>h</sup> 04'04"	11 <sup>h</sup> 17'17"	17 <sup>h</sup> 49'49"	8 <sup>h</sup> 37'37"	18 <sup>h</sup> 11'11"	14 <sup>h</sup> 13'13"	19 <sup>h</sup> 28'28"	7 <sup>h</sup> 51'51"	22 <sup>h</sup> 01'01"	20 <sup>h</sup> 57'57"	22 <sup>h</sup> 32'32"	20 <sup>h</sup> 05'05"	F 8
S 9	11 7 18	18 <sup>h</sup> 32'13"	7 <sup>h</sup> 17'26"	2 <sup>h</sup> 42'42"	12 <sup>h</sup> 29'29"	18 <sup>h</sup> 36'36"	8 <sup>h</sup> 30'30"	18 <sup>h</sup> 13'13"	14 <sup>h</sup> 15'15"	19 <sup>h</sup> 27'27"	7 <sup>h</sup> 52'52"	21 <sup>h</sup> 58'58"	20 <sup>h</sup> 54'54"	22 <sup>h</sup> 38'38"	20 <sup>h</sup> 08'08"	S 9
S 10	11 11 15	19 <sup>h</sup> 32'14"	21 <sup>h</sup> 34'42"	4 <sup>h</sup> 22'42"	13 <sup>h</sup> 42'42"	19 <sup>h</sup> 23'23"	8 <sup>h</sup> 22'22"	18 <sup>h</sup> 15'15"	14 <sup>h</sup> 17'17"	19 <sup>h</sup> 27'27"	7 <sup>h</sup> 54'54"	21 <sup>h</sup> 05'58"	20 <sup>h</sup> 51'51"	22 <sup>h</sup> 45'45"	20 <sup>h</sup> 12'12"	S 10
M 11	11 15 11	20 <sup>h</sup> 32'12"	5 <sup>h</sup> 03'40"	6 <sup>h</sup> 02'02"	14 <sup>h</sup> 54'54"	20 <sup>h</sup> 10'10"	8 <sup>h</sup> 15'15"	18 <sup>h</sup> 17'17"	14 <sup>h</sup> 19'19"	19 <sup>h</sup> 26'26"	7 <sup>h</sup> 55'55"	21 <sup>h</sup> 58'58"	20 <sup>h</sup> 48'48"	22 <sup>h</sup> 51'51"	20 <sup>h</sup> 15'15"	M 11
T 12	11 19 8	21 <sup>h</sup> 32'10"	19 <sup>h</sup> 46'46"	7 <sup>h</sup> 44'44"	16 <sup>h</sup> 07'07"	20 <sup>h</sup> 57'57"	8 <sup>h</sup> 07'07"	18 <sup>h</sup> 18'18"	14 <sup>h</sup> 21'21"	19 <sup>h</sup> 25'25"	7 <sup>h</sup> 57'57"	21 <sup>h</sup> 05'59"	20 <sup>h</sup> 45'45"	22 <sup>h</sup> 58'58"	20 <sup>h</sup> 18'18"	T 12
W 13	11 23 4	22 <sup>h</sup> 32'05"	3 <sup>h</sup> 05'50"	9 <sup>h</sup> 27'27"	17 <sup>h</sup> 19'19"	21 <sup>h</sup> 45'45"	8 <sup>h</sup> 00'00"	18 <sup>h</sup> 20'20"	14 <sup>h</sup> 23'23"	19 <sup>h</sup> 25'25"	7 <sup>h</sup> 58'58"	21 <sup>h</sup> 58'58"	20 <sup>h</sup> 42'42"	23 <sup>h</sup> 05'05"	20 <sup>h</sup> 21'21"	W 13
T 14	11 27 1	23 <sup>h</sup> 31'59"	17 <sup>h</sup> 49'49"	11 <sup>h</sup> 11'11"	18 <sup>h</sup> 32'32"	22 <sup>h</sup> 32'32"	7 <sup>h</sup> 52'52"	18 <sup>h</sup> 21'21"	14 <sup>h</sup> 25'25"	19 <sup>h</sup> 24'24"	8 <sup>h</sup> 00'00"	21 <sup>h</sup> 56'56"	20 <sup>h</sup> 38'38"	23 <sup>h</sup> 11'11"	20 <sup>h</sup> 24'24"	T 14
F 15	11 30 58	24 <sup>h</sup> 31'51"	1 <sup>h</sup> 04'41"	12 <sup>h</sup> 56'56"	19 <sup>h</sup> 45'45"	23 <sup>h</sup> 19'19"	7 <sup>h</sup> 45'45"	18 <sup>h</sup> 23'23"	14 <sup>h</sup> 26'26"	19 <sup>h</sup> 24'24"	8 <sup>h</sup> 01'01"	21 <sup>h</sup> 50'50"	20 <sup>h</sup> 35'35"	23 <sup>h</sup> 18'18"	20 <sup>h</sup> 28'28"	F 15
S 16	11 34 54	25 <sup>h</sup> 31'41"	15 <sup>h</sup> 24'24"	14 <sup>h</sup> 43'43"	20 <sup>h</sup> 57'57"	24 <sup>h</sup> 06'06"	7 <sup>h</sup> 38'38"	18 <sup>h</sup> 24'24"	14 <sup>h</sup> 28'28"	19 <sup>h</sup> 23'23"	8 <sup>h</sup> 02'02"	21 <sup>h</sup> 42'42"	20 <sup>h</sup> 32'32"	23 <sup>h</sup> 25'25"	20 <sup>h</sup> 31'31"	S 16
S 17	11 38 51	26 <sup>h</sup> 31'29"	28 <sup>h</sup> 53'53"	16 <sup>h</sup> 30'30"	22 <sup>h</sup> 10'10"	24 <sup>h</sup> 53'53"	7 <sup>h</sup> 31'31"	18 <sup>h</sup> 25'25"	14 <sup>h</sup> 30'30"	19 <sup>h</sup> 23'23"	8 <sup>h</sup> 04'04"	21 <sup>h</sup> 32'32"	20 <sup>h</sup> 29'29"	23 <sup>h</sup> 31'31"	20 <sup>h</sup> 34'34"	S 17
M 18	11 42 47	27 <sup>h</sup> 31'15"	12 <sup>h</sup> 07'07"	18 <sup>h</sup> 19'19"	23 <sup>h</sup> 23'23"	25 <sup>h</sup> 40'40"	7 <sup>h</sup> 24'24"	18 <sup>h</sup> 26'26"	14 <sup>h</sup> 31'31"	19 <sup>h</sup> 22'22"	8 <sup>h</sup> 05'05"	21 <sup>h</sup> 20'20"	20 <sup>h</sup> 26'26"	23 <sup>h</sup> 38'38"	20 <sup>h</sup> 38'38"	M 18
T 19	11 46 44	28 <sup>h</sup> 30'59"	25 <sup>h</sup> 03'03"	20 <sup>h</sup> 09'09"	24 <sup>h</sup> 36'36"	26 <sup>h</sup> 27'27"	7 <sup>h</sup> 17'17"	18 <sup>h</sup> 27'27"	14 <sup>h</sup> 33'33"	19 <sup>h</sup> 22'22"	8 <sup>h</sup> 07'07"	21 <sup>h</sup> 08'08"	20 <sup>h</sup> 22'22"	23 <sup>h</sup> 45'45"	20 <sup>h</sup> 41'41"	T 19
W 20	11 50 40	29 <sup>h</sup> 30'41"	7 <sup>h</sup> 04'42"	22 <sup>h</sup> 00'00"	25 <sup>h</sup> 48'48"	27 <sup>h</sup> 14'14"	7 <sup>h</sup> 10'10"	18 <sup>h</sup> 28'28"	14 <sup>h</sup> 34'34"	19 <sup>h</sup> 22'22"	8 <sup>h</sup> 08'08"	20 <sup>h</sup> 58'58"	20 <sup>h</sup> 19'19"	23 <sup>h</sup> 51'51"	20 <sup>h</sup> 44'44"	W 20
T 21	11 54 37	0 <sup>h</sup> 30'21"	23 <sup>h</sup> 53'53"	27 <sup>h</sup> 01'01"	28 <sup>h</sup> 01'01"	28 <sup>h</sup> 01'01"	7 <sup>h</sup> 03'03"	18 <sup>h</sup> 29'29"	14 <sup>h</sup> 36'36"	19 <sup>h</sup> 21'21"	8 <sup>h</sup> 10'10"	20 <sup>h</sup> 49'49"	20 <sup>h</sup> 16'16"	23 <sup>h</sup> 58'58"	20 <sup>h</sup> 48'48"	T 21
F 22	11 58 33	1 <sup>h</sup> 29'59"	2 <sup>h</sup> 11'10"	25 <sup>h</sup> 47'47"	28 <sup>h</sup> 14'14"	28 <sup>h</sup> 48'48"	6 <sup>h</sup> 56'56"	18 <sup>h</sup> 29'29"	14 <sup>h</sup> 37'37"	19 <sup>h</sup> 21'21"	8 <sup>h</sup> 11'11"	20 <sup>h</sup> 42'42"	20 <sup>h</sup> 13'13"	24 <sup>h</sup> 05'05"	20 <sup>h</sup> 51'51"	F 22
S 23	12 2 30	2 <sup>h</sup> 29'34"	14 <sup>h</sup> 06'06"	27 <sup>h</sup> 41'41"	29 <sup>h</sup> 27'27"	29 <sup>h</sup> 34'34"	6 <sup>h</sup> 50'50"	18 <sup>h</sup> 30'30"	14 <sup>h</sup> 39'39"	19 <sup>h</sup> 21'21"	8 <sup>h</sup> 13'13"	20 <sup>h</sup> 39'39"	20 <sup>h</sup> 10'10"	24 <sup>h</sup> 11'11"	20 <sup>h</sup> 54'54"	S 23
S 24	12 6 26	3 <sup>h</sup> 29'08"	25 <sup>h</sup> 56'56"	29 <sup>h</sup> 37'37"	0 <sup>h</sup> 04'40"	0 <sup>h</sup> 02'21"	6 <sup>h</sup> 43'43"	18 <sup>h</sup> 30'30"	14 <sup>h</sup> 40'40"	19 <sup>h</sup> 20'20"	8 <sup>h</sup> 14'14"	20 <sup>h</sup> 37'37"	20 <sup>h</sup> 07'07"	24 <sup>h</sup> 18'18"	20 <sup>h</sup> 58'58"	S 24
M 25	12 10 23	4 <sup>h</sup> 28'39"	7 <sup>h</sup> 04'43"	1 <sup>h</sup> 03'35"	1 <sup>h</sup> 53'53"	1 <sup>h</sup> 08'08"	6 <sup>h</sup> 37'37"	18 <sup>h</sup> 30'30"	14 <sup>h</sup> 41'41"	19 <sup>h</sup> 20'20"	8 <sup>h</sup> 16'16"	20 <sup>h</sup> 03'37"	20 <sup>h</sup> 03'03"	24 <sup>h</sup> 25'25"	21 <sup>h</sup> 01'01"	M 25
T 26	12 14 20	5 <sup>h</sup> 28'07"	19 <sup>h</sup> 47'47"	3 <sup>h</sup> 33'33"	3 <sup>h</sup> 05'05"	1 <sup>h</sup> 55'55"	6 <sup>h</sup> 31'31"	18 <sup>h</sup> 31'31"	14 <sup>h</sup> 43'43"	19 <sup>h</sup> 20'20"	8 <sup>h</sup> 17'17"	20 <sup>h</sup> 03'37"	20 <sup>h</sup> 00'00"	24 <sup>h</sup> 31'31"	21 <sup>h</sup> 05'05"	T 26
W 27	12 18 16	6 <sup>h</sup> 27'34"	1 <sup>h</sup> 04'40"	5 <sup>h</sup> 32'32"	4 <sup>h</sup> 18'18"	2 <sup>h</sup> 41'41"	6 <sup>h</sup> 25'25"	18 <sup>h</sup> 31'31"	14 <sup>h</sup> 44'44"	19 <sup>h</sup> 20'20"	8 <sup>h</sup> 19'19"	20 <sup>h</sup> 36'36"	19 <sup>h</sup> 57'57"	24 <sup>h</sup> 38'38"	21 <sup>h</sup> 08'08"	W 27
T 28	12 22 13	7 <sup>h</sup> 26'58"	13 <sup>h</sup> 58'58"	7 <sup>h</sup> 33'33"	5 <sup>h</sup> 31'31"	3 <sup>h</sup> 28'28"	6 <sup>h</sup> 19'19"	18 <sup>h</sup> 03'31"	14 <sup>h</sup> 45'45"	19 <sup>h</sup> 20'20"	8 <sup>h</sup> 20'20"	20 <sup>h</sup> 34'34"	19 <sup>h</sup> 54'54"	24 <sup>h</sup> 45'45"	21 <sup>h</sup> 12'12"	T 28
F 29	12 26 9	8 <sup>h</sup> 26'19"	26 <sup>h</sup> 35'35"	9 <sup>h</sup> 34'34"	6 <sup>h</sup> 44'44"	4 <sup>h</sup> 15'15"	6 <sup>h</sup> 13'13"	18 <sup>h</sup> 31'31"	14 <sup>h</sup> 46'46"	19 <sup>h</sup> 20'20"	8 <sup>h</sup> 21'21"	20 <sup>h</sup> 30'30"	19 <sup>h</sup> 51'51"	24 <sup>h</sup> 51'51"	21 <sup>h</sup> 15'15"	F 29
S 30	12 30 6	9 <sup>h</sup> 25'39"	9 <sup>h</sup> 07'34"	11 <sup>h</sup> 36'36"	7 <sup>h</sup> 57'57"	5 <sup>h</sup> 01'01"	6 <sup>h</sup> 08'08"	18 <sup>h</sup> 31'31"	14 <sup>h</sup> 47'47"	19 <sup>h</sup> 20'20"	8 <sup>h</sup> 23'23"	20 <sup>h</sup> 22'22"	19 <sup>h</sup> 48'48"	24 <sup>h</sup> 58'58"	21 <sup>h</sup> 19'19"	S 30
S 31	12 34 2	10 <sup>h</sup> 24'56"	22 <sup>h</sup> 07'56"	13 <sup>h</sup> 38'38"	9 <sup>h</sup> 04'10"	5 <sup>h</sup> 04'48"	6 <sup>h</sup> 07'22"	18 <sup>h</sup> 30'30"	14 <sup>h</sup> 48'48"	19 <sup>h</sup> 20'20"	8 <sup>h</sup> 24'24"	20 <sup>h</sup> 13'13"	19 <sup>h</sup> 44'44"	25 <sup>h</sup> 11'11"	21 <sup>h</sup> 22'22"	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	7s37	17n22	2n14	16s28	1s47	19s 8	0n24	7s51	0s59	9n15	1n21	21s14	1n39	23s 2	0s21	21n21	0s40	12s 1	16s25	21n30	21n44	20n38	8n39	1n 0	
S 2	7 14	13 58	3 12	16 3	1 51	18 54	0 21	7 33	0 59	9 18	1 21	21 14	1 39	23 2	0 21	21 21	0 40	12 1	16 25	21 30	21 45	20 39	8 40	1 0	
S 3	6 51	9 49	4 2	15 36	1 55	18 40	0 17	7 15	0 59	9 21	1 21	21 14	1 39	23 2	0 21	21 21	0 40	12 0	16 25	21 32	21 45	20 40	8 41	1 0	
M 4	6 28	5 6	4 39	15 9	1 58	18 26	0 14	6 56	0 58	9 24	1 22	21 15	1 39	23 2	0 21	21 21	0 40	11 59	16 24	21 33	21 46	20 41	8 42	1 0	
T 5	6 5	0 4	5 1	14 40	2 2	18 11	0 10	6 38	0 58	9 27	1 22	21 15	1 39	23 1	0 21	21 21	0 40	11 59	16 24	21 35	21 46	20 43	8 43	1 0	
W 6	5 42	5s 3	5 6	14 10	2 4	17 56	0 7	6 19	0 58	9 30	1 22	21 15	1 39	23 1	0 21	21 22	0 40	11 58	16 24	21 36	21 47	20 44	8 44	1 0	
T 7	5 19	9 57	4 53	13 38	2 7	17 40	0 3	6 0	0 57	9 33	1 22	21 15	1 40	23 1	0 21	21 22	0 40	11 57	16 24	21 37	21 47	20 45	8 45	1 0	
F 8	4 55	14 22	4 22	13 6	2 9	17 23	0 0	5 42	0 57	9 36	1 22	21 15	1 40	23 1	0 21	21 22	0 40	11 57	16 24	21 38	21 48	20 46	8 46	1 0	
S 9	4 32	18 0	3 35	12 32	2 10	17 6	0s 3	5 23	0 57	9 39	1 22	21 15	1 40	23 1	0 21	21 22	0 40	11 56	16 24	21 38	21 48	20 47	8 47	0 59	
S 10	4 8	20 34	2 35	11 57	2 11	16 49	0 7	5 4	0 56	9 41	1 22	21 15	1 40	23 1	0 21	21 22	0 39	11 55	16 24	21 38	21 49	20 48	8 48	0 59	
M11	3 45	21 52	1 26	11 20	2 12	16 31	0 10	4 45	0 56	9 44	1 22	21 15	1 40	23 0	0 21	21 22	0 39	11 55	16 24	21 38	21 49	20 49	8 49	0 59	
T 12	3 21	21 47	0 12	10 43	2 13	16 12	0 13	4 26	0 56	9 47	1 22	21 15	1 40	23 0	0 21	21 22	0 39	11 54	16 23	21 38	21 50	20 51	8 51	0 59	
W13	2 58	20 18	1s 3	10 4	2 12	15 54	0 16	4 7	0 55	9 50	1 22	21 15	1 40	23 0	0 21	21 22	0 39	11 53	16 23	21 38	21 50	20 52	8 52	0 59	
T 14	2 34	17 36	2 13	9 24	2 12	15 34	0 19	3 48	0 55	9 53	1 22	21 15	1 40	23 0	0 21	21 23	0 39	11 53	16 23	21 39	21 51	20 53	8 53	0 59	
F 15	2 10	13 54	3 15	8 43	2 11	15 15	0 22	3 29	0 55	9 55	1 22	21 15	1 40	23 0	0 21	21 23	0 39	11 52	16 23	21 40	21 51	20 54	8 54	0 59	
S 16	1 47	9 31	4 5	8 0	2 9	14 54	0 25	3 10	0 54	9 58	1 22	21 15	1 41	22 59	0 21	21 23	0 39	11 52	16 23	21 41	21 52	20 55	8 55	0 59	
S 17	1 23	4 43	4 40	7 17	2 7	14 34	0 28	2 51	0 54	10 1	1 22	21 15	1 41	22 59	0 21	21 23	0 39	11 51	16 23	21 42	21 52	20 56	8 56	0 59	
M18	0 59	0n12	4 59	6 32	2 5	14 13	0 31	2 32	0 53	10 3	1 22	21 15	1 41	22 59	0 21	21 23	0 39	11 50	16 23	21 44	21 53	20 57	8 57	0 59	
T 19	0 35	5 0	5 2	5 46	2 2	13 51	0 34	2 13	0 53	10 6	1 22	21 15	1 41	22 59	0 21	21 23	0 39	11 50	16 23	21 46	21 53	20 58	8 59	0 59	
W20	0 12	9 30	4 50	4 59	1 58	13 30	0 37	1 54	0 53	10 8	1 22	21 15	1 41	22 59	0 21	21 23	0 39	11 49	16 23	21 48	21 54	20 59	9 0	0 58	
T 21	0n12	13 30	4 25	4 11	1 54	13 7	0 40	1 35	0 52	10 11	1 22	21 15	1 41	22 59	0 21	21 23	0 39	11 48	16 23	21 49	21 54	21 1	9 1	0 58	
F 22	0 36	16 52	3 48	3 22	1 50	12 45	0 43	1 16	0 52	10 13	1 21	21 15	1 41	22 59	0 21	21 23	0 39	11 48	16 23	21 50	21 54	21 2	9 2	0 58	
S 23	0 59	19 29	3 1	2 31	1 45	12 22	0 45	0 57	0 51	10 16	1 21	21 15	1 41	22 58	0 21	21 23	0 39	11 47	16 23	21 51	21 55	21 3	9 3	0 58	
S 24	1 23	21 15	2 7	1 40	1 39	11 59	0 48	0 38	0 51	10 18	1 21	21 15	1 41	22 58	0 21	21 23	0 39	11 47	16 23	21 51	21 55	21 4	9 5	0 58	
M25	1 47	22 4	1 8	0 48	1 33	11 35	0 50	0 19	0 51	10 20	1 21	21 15	1 42	22 58	0 21	21 23	0 39	11 46	16 23	21 51	21 56	21 5	9 6	0 58	
T 26	2 10	21 54	0 5	0n 5	1 27	11 11	0 53	0 0	0 50	10 22	1 21	21 15	1 42	22 58	0 21	21 24	0 39	11 45	16 23	21 51	21 56	21 6	9 7	0 58	
W27	2 34	20 44	0n58	0 59	1 20	10 47	0 55	0n19	0 50	10 25	1 21	21 15	1 42	22 58	0 21	21 24	0 39	11 45	16 23	21 51	21 57	21 7	9 8	0 58	
T 28	2 57	18 33	2 1	1 53	1 12	10 23	0 58	0 38	0 49	10 27	1 21	21 14	1 42	22 58	0 21	21 24	0 39	11 44	16 23	21 51	21 57	21 8	9 10	0 58	
F 29	3 21	15 27	2 58	2 49	1 4	9 58	1 0	0 56	0 49	10 29	1 21	21 14	1 42	22 58	0 21	21 24	0 39	11 44	16 23	21 52	21 58	21 9	9 11	0 58	
S 30	3 44	11 30	3 49	3 44	0 55	9 33	1 2	1 15	0 48	10 31	1 21	21 14	1 42	22 58	0 21	21 24	0 39	11 43	16 23	21 53	21 58	21 10	9 12	0 58	
S 31	4n 7	6n54	4n28	4n40	0s46	9s 8	1s 5	1n34	0s48	10n33	1n21	21s14	1n42	22s58	0s21	21n24	0s39	11s43	16s23	21n55	21n59	21n11	9n13	0n58	



## ASTRODIENST EPHEMERIS for the year 2075

geocentric

MAY 2075

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	14 36 15	10♈46'58	13♉51	27♈34	16♉56	29♉33	4♈D36	17♈R36	14♈R54	19♈36	9♉ 8	16♈R48	18♈ 6	28♈31	23♉12	W 1
T 2	14 40 12	11°45'13	28°40	27°43	18° 9	0♈18	4♈36	17♈33	14♈53	19°37	9° 9	16♈40	18° 3	28°38	23°15	T 2
F 3	14 44 9	12°43'26	13♈31	27°R47	19°23	1° 3	4°36	17°29	14°52	19°38	9°11	16°33	17°59	28°44	23°19	F 3
S 4	14 48 5	13°41'38	28°18	27°46	20°36	1°48	4°37	17°26	14°52	19°39	9°12	16°30	17°56	28°51	23°22	S 4
S 5	14 52 2	14°39'48	12♈53	27°39	21°49	2°33	4°38	17°23	14°51	19°41	9°13	16°D29	17°53	28°58	23°25	S 5
M 6	14 55 58	15°37'56	27°12	27°28	23° 2	3°18	4°38	17°19	14°50	19°42	9°14	16°29	17°50	29° 4	23°29	M 6
T 7	14 59 55	16°36'03	11♈14	27°12	24°15	4° 3	4°39	17°16	14°49	19°43	9°16	16°R30	17°47	29°11	23°32	T 7
W 8	15 3 51	17°34'09	24°59	26°52	25°29	4°48	4°41	17°12	14°48	19°44	9°17	16°29	17°44	29°18	23°35	W 8
T 9	15 7 48	18°32'13	8♈28	26°27	26°42	5°33	4°42	17° 9	14°47	19°45	9°18	16°28	17°40	29°24	23°39	T 9
F 10	15 11 45	19°30'16	21°41	26° 0	27°55	6°18	4°44	17° 5	14°46	19°47	9°19	16°23	17°37	29°31	23°42	F 10
S 11	15 15 41	20°28'18	4♉40	25°30	29° 8	7° 3	4°45	17° 2	14°45	19°48	9°20	16°17	17°34	29°38	23°45	S 11
S 12	15 19 38	21°26'18	17°27	24°57	0♈21	7°48	4°47	16°58	14°44	19°49	9°22	16° 9	17°31	29°44	23°48	S 12
M13	15 23 34	22°24'16	0♈ 1	24°23	1°35	8°32	4°49	16°54	14°43	19°51	9°23	15°59	17°28	29°51	23°52	M13
T 14	15 27 31	23°22'14	12°24	23°47	2°48	9°17	4°52	16°50	14°42	19°52	9°24	15°49	17°25	29°57	23°55	T 14
W15	15 31 27	24°20'10	24°37	23°11	4° 1	10° 2	4°54	16°46	14°41	19°53	9°25	15°40	17°21	0♈ 4	23°58	W15
T 16	15 35 24	25°18'04	6♈41	22°36	5°14	10°46	4°57	16°42	14°39	19°55	9°26	15°33	17°18	0°11	24° 1	T 16
F 17	15 39 20	26°15'57	18°36	22° 1	6°28	11°31	5° 0	16°38	14°38	19°56	9°27	15°27	17°15	0°17	24° 4	F 17
S 18	15 43 17	27°13'48	0♈26	21°27	7°41	12°15	5° 3	16°34	14°37	19°58	9°28	15°24	17°12	0°24	24° 8	S 18
S 19	15 47 13	28°11'38	12°13	20°56	8°54	12°59	5° 6	16°30	14°35	19°59	9°29	15°D22	17° 9	0°31	24°11	S 19
M20	15 51 10	29° 9'26	24° 0	20°27	10° 7	13°44	5° 9	16°26	14°34	20° 1	9°30	15°23	17° 5	0°37	24°14	M20
T 21	15 55 7	0♈11 7'12	5♈52	20° 0	11°21	14°28	5°12	16°22	14°32	20° 2	9°31	15°24	17° 2	0°44	24°17	T 21
W22	15 59 3	1° 4'57	17°53	19°37	12°34	15°12	5°16	16°18	14°31	20° 4	9°32	15°25	16°59	0°51	24°20	W22
T 23	16 3 0	2° 2'41	0♈ 9	19°18	13°47	15°56	5°20	16°14	14°29	20° 6	9°33	15°R26	16°56	0°57	24°23	T 23
F 24	16 6 56	3° 0'22	12°44	19° 3	15° 0	16°40	5°24	16° 9	14°28	20° 7	9°34	15°25	16°53	1° 4	24°26	F 24
S 25	16 10 53	3°58'02	25°44	18°51	16°14	17°24	5°28	16° 5	14°26	20° 9	9°35	15°23	16°50	1°11	24°29	S 25
S 26	16 14 49	4°55'41	9♈10	18°44	17°27	18° 8	5°32	16° 1	14°24	20°10	9°36	15°20	16°46	1°17	24°32	S 26
M27	16 18 46	5°53'18	23° 5	18°D42	18°40	18°52	5°37	15°56	14°23	20°12	9°37	15°15	16°43	1°24	24°34	M27
T 28	16 22 42	6°50'53	7♈26	18°44	19°53	19°36	5°41	15°52	14°21	20°14	9°38	15° 9	16°40	1°31	24°37	T 28
W29	16 26 39	7°48'27	22°11	18°50	21° 7	20°20	5°46	15°48	14°19	20°16	9°39	15° 3	16°37	1°37	24°40	W29
T 30	16 30 36	8°46'00	7♈12	19° 1	22°20	21° 4	5°51	15°43	14°17	20°17	9°40	14°59	16°34	1°44	24°43	T 30
F 31	16 34 32	9♈43'32	22♈20	19♈16	23♈33	21♈48	5♈56	15♈39	14♈16	20♈19	9♈41	14♈55	16♈31	1♈51	24♈46	F 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	decl lat	decl lat	decl lat
W 1	15n 3	11s41	4n30	22n 4	2n32	5n 9	1s37	10n49	0s31	11n 0	1n16	21s 7	1n45	22s58	0s22	21n22
T 2	15 21	16 11	3 46	22 0	2 25	5 37	1 37	11 5	0 31	11 0	1 16	21 6	1 45	22 58	0 22	21 22
F 3	15 39	19 40	2 46	21 52	2 16	6 5	1 37	11 22	0 30	11 0	1 16	21 6	1 45	22 58	0 22	21 22
S 4	15 57	21 50	1 36	21 43	2 7	6 33	1 36	11 38	0 30	11 0	1 16	21 6	1 45	22 58	0 22	21 22
S 5	16 14	22 29	0 19	21 31	1 56	7 1	1 36	11 54	0 29	10 59	1 16	21 5	1 45	22 58	0 22	21 22
M 6	16 31	21 39	0s57	21 16	1 44	7 28	1 36	12 10	0 28	10 59	1 16	21 5	1 45	22 58	0 22	21 22
T 7	16 48	19 27	2 8	21 0	1 31	7 56	1 35	12 26	0 28	10 58	1 15	21 5	1 45	22 59	0 22	21 22
W 8	17 4	16 11	3 11	20 42	1 17	8 23	1 35	12 41	0 27	10 57	1 15	21 4	1 45	22 59	0 22	21 21
T 9	17 20	12 7	4 1	20 21	1 2	8 50	1 34	12 57	0 27	10 57	1 15	21 4	1 45	22 59	0 22	21 21
F 10	17 36	7 33	4 38	20 0	0 46	9 16	1 33	13 12	0 26	10 56	1 15	21 4	1 45	22 59	0 22	21 21
S 11	17 52	2 44	4 59	19 36	0 30	9 43	1 33	13 28	0 25	10 55	1 15	21 3	1 45	22 59	0 22	21 21
S 12	18 7	2n 8	5 5	19 12	0 13	10 10	1 32	13 43	0 25	10 54	1 15	21 3	1 45	22 59	0 22	21 21
M13	18 22	6 50	4 57	18 47	0s 5	10 36	1 31	13 58	0 24	10 53	1 14	21 2	1 45	22 59	0 22	21 21
T 14	18 36	11 12	4 34	18 21	0 22	11 2	1 30	14 13	0 24	10 52	1 14	21 2	1 45	23 0	0 23	21 20
W15	18 51	15 3	3 59	17 55	0 40	11 27	1 29	14 27	0 23	10 51	1 14	21 2	1 45	23 0	0 23	21 20
T 16	19 5	18 15	3 13	17 30	0 57	11 53	1 28	14 42	0 22	10 50	1 14	21 1	1 45	23 0	0 23	21 20
F 17	19 19	20 38	2 19	17 4	1 14	12 18	1 27	14 56	0 22	10 49	1 14	21 1	1 45	23 0	0 23	21 20
S 18	19 32	22 6	1 20	16 39	1 31	12 43	1 26	15 10	0 21	10 48	1 13	21 0	1 45	23 0	0 23	21 20
S 19	19 45	22 35	0 17	16 16	1 47	13 8	1 24	15 24	0 20	10 47	1 13	21 0	1 45	23 0	0 23	21 20
M20	19 58	22 4	0n47	15 53	2 2	13 32	1 23	15 38	0 20	10 45	1 13	21 0	1 45	23 1	0 23	21 19
T 21	20 10	20 33	1 49	15 32	2 17	13 56	1 22	15 52	0 19	10 44	1 13	20 59	1 45	23 1	0 23	21 19
W22	20 22	18 7	2 47	15 13	2 31	14 19	1 20	16 6	0 18	10 42	1 13	20 59	1 45	23 1	0 23	21 19
T 23	20 34	14 50	3 39	14 55	2 43	14 43	1 19	16 19	0 18	10 41	1 13	20 58	1 45	23 1	0 23	21 19
F 24	20 45	10 48	4 22	14 40	2 55	15 6	1 17	16 32	0 17	10 39	1 12	20 58	1 45	23 1	0 23	21 19
S 25	20 56	6 10	4 53	14 27	3 6	15 28	1 16	16 45	0 17	10 37	1 12	20 58	1 45	23 1	0 23	21 18
S 26	21 7	1 6	5 9	14 16	3 15	15 51	1 14	16 58	0 16	10 36	1 12	20 57	1 45	23 2	0 23	21 18
M27	21 17	4s12	5 8	14 7	3 23	16 12	1 13	17 11	0 15	10 34	1 12	20 57	1 45	23 2	0 23	21 18
T 28	21 27	9 27	4 48	14 1	3 31	16 34	1 11	17 24	0 15	10 32	1 12	20 56	1 45	23 2	0 23	21 18
W29	21 36	14 18	4 8	13 56	3 37	16 55	1 9	17 36	0 14	10 30	1 12	20 56	1 45	23 2	0 23	21 17
T 30	21 45	18 22	3 11	13 54	3 42	17 16	1 7	17 48	0 13	10 28	1 11	20 56	1 45	23 3	0 23	21 17
F 31	21n54	21s12	2n 0	13n55	3s46	17n36	1s 6	18n 0	0s13	10n26	1n11	20s55	1n45	23s 3	0s23	21n17

Julian Day Number = 2479058.5, Delta T = 82.94 sec

Ecliptic obliquity = 23°25'43", Nutation = - 0°00'18", out-of-bounds declination in red

Ayanamsha: Fagan/Bradley = 25°47'34", Lahiri = 24°54'34"

ASTRODIENST EPHEMERIS for the year 2075  
geocentric

JUNE 2075

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	16 38 29	10♐41'03	7♋25	19♊36	24♋46	22♋31	6♎ 2	15°R35	14°R14	20♌21	9♏41	14°R54	16♌27	1♌57	24♏48	S 1
S 2	16 42 25	11°38'34	22°20	20° 0	26° 0	23°15	6° 7	15♌30	14♋12	20°23	9°42	14°D54	16°24	2° 4	24°51	S 2
M 3	16 46 22	12°36'03	6♋57	20°29	27°13	23°58	6°12	15°26	14°10	20°25	9°43	14♌55	16°21	2°10	24°54	M 3
T 4	16 50 18	13°33'31	21°12	21° 1	28°26	24°42	6°18	15°21	14° 8	20°26	9°44	14°56	16°18	2°17	24°56	T 4
W 5	16 54 15	14°30'59	5♋ 4	21°38	29°40	25°25	6°24	15°17	14° 6	20°28	9°45	14°58	16°15	2°24	24°59	W 5
T 6	16 58 12	15°28'26	18°34	22°19	0♐53	26° 9	6°30	15°12	14° 4	20°30	9°45	14°R58	16°11	2°30	25° 1	T 6
F 7	17 2 8	16°25'52	1♏42	23° 3	2° 6	26°52	6°36	15° 8	14° 2	20°32	9°46	14°57	16° 8	2°37	25° 4	F 7
S 8	17 6 5	17°23'17	14°32	23°52	3°20	27°35	6°42	15° 4	14° 0	20°34	9°47	14°55	16° 5	2°44	25° 6	S 8
S 9	17 10 1	18°20'42	27° 6	24°44	4°33	28°19	6°49	14°59	13°58	20°36	9°47	14°51	16° 2	2°50	25° 9	S 9
M10	17 13 58	19°18'07	9♋26	25°40	5°46	29° 2	6°55	14°55	13°56	20°38	9°48	14°47	15°59	2°57	25°11	M10
T 11	17 17 54	20°15'30	21°36	26°39	7° 0	29°45	7° 2	14°50	13°54	20°40	9°49	14°43	15°56	3° 4	25°14	T 11
W12	17 21 51	21°12'54	3♐37	27°42	8°13	0♐28	7° 9	14°46	13°51	20°42	9°49	14°40	15°52	3°10	25°16	W12
T 13	17 25 47	22°10'16	15°31	28°48	9°27	1°11	7°16	14°41	13°49	20°44	9°50	14°37	15°49	3°17	25°18	T 13
F 14	17 29 44	23° 7'38	27°21	29°58	10°40	1°54	7°23	14°37	13°47	20°46	9°50	14°34	15°46	3°24	25°20	F 14
S 15	17 33 41	24° 4'59	9♌ 8	1♐11	11°53	2°37	7°30	14°33	13°45	20°48	9°51	14°D33	15°43	3°30	25°23	S 15
S 16	17 37 37	25° 2'19	20°55	2°27	13° 7	3°20	7°37	14°28	13°43	20°50	9°52	14°33	15°40	3°37	25°25	S 16
M17	17 41 34	25°59'39	2♎45	3°46	14°20	4° 2	7°45	14°24	13°40	20°52	9°52	14°34	15°37	3°44	25°27	M17
T 18	17 45 30	26°56'58	14°40	5° 9	15°34	4°45	7°52	14°20	13°38	20°54	9°53	14°36	15°33	3°50	25°29	T 18
W19	17 49 27	27°54'16	26°45	6°34	16°47	5°28	8° 0	14°15	13°36	20°56	9°53	14°37	15°30	3°57	25°31	W19
T 20	17 53 23	28°51'33	9♎ 2	8° 3	18° 1	6°10	8° 8	14°11	13°33	20°58	9°53	14°38	15°27	4° 4	25°33	T 20
F 21	17 57 20	29°48'49	21°37	9°35	19°14	6°53	8°16	14° 7	13°31	21° 0	9°54	14°39	15°24	4°10	25°35	F 21
S 22	18 1 16	0♌46'05	4♌33	11°10	20°27	7°35	8°24	14° 3	13°29	21° 2	9°54	14°R39	15°21	4°17	25°37	S 22
S 23	18 5 13	1°43'20	17°54	12°48	21°41	8°18	8°32	13°59	13°26	21° 4	9°55	14°39	15°17	4°23	25°39	S 23
M24	18 9 10	2°40'34	1♎41	14°29	22°54	9° 0	8°40	13°55	13°24	21° 7	9°55	14°38	15°14	4°30	25°40	M24
T 25	18 13 6	3°37'47	15°55	16°12	24° 8	9°42	8°49	13°51	13°22	21° 9	9°55	14°36	15°11	4°37	25°42	T 25
W26	18 17 3	4°35'00	0♌33	17°59	25°21	10°25	8°57	13°47	13°19	21°11	9°56	14°35	15° 8	4°43	25°44	W26
T 27	18 20 59	5°32'13	15°31	19°49	26°35	11° 7	9° 6	13°43	13°17	21°13	9°56	14°34	15° 5	4°50	25°46	T 27
F 28	18 24 56	6°29'25	0♌40	21°41	27°48	11°49	9°14	13°39	13°15	21°15	9°56	14°34	15° 2	4°57	25°47	F 28
S 29	18 28 52	7°26'37	15°53	23°36	29° 2	12°31	9°23	13°35	13°12	21°17	9°57	14°D34	14°58	5° 3	25°49	S 29
S 30	18 32 49	8♌23'49	0♌58	25♐34	0♌15	13♐13	9♎32	13♌31	13♋10	21♌20	9♏57	14♌34	14♌55	5♌10	25♏50	S 30

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	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	decl lat	
S 1	22n 2	22s33 0n41	13n57 3s49	17n55 1s 4	18n12 0s12	10n24 1n11	20s55 1n45	23s 3 0s23	21n17 0s37	11s23 16s34	22n36 22n25	22n 7 10n27	0n54			
S 2	22 10	22 15	0s41 14 2	3 51 18 15	1 2 18 24	0 11 10 22	1 11 20 54	1 45 23 3	0 23 21 16	0 37 11 23	16 34 22 36	22 25 22 8	10 28 0 54			
M 3	22 18	20 26	1 58 14 8	3 51 18 33	1 0 18 35	0 11 10 20	1 11 20 54	1 45 23 3	0 23 21 16	0 37 11 23	16 35 22 36	22 26 22 9	10 29 0 54			
T 4	22 25	17 22	3 6 14 17	3 51 18 52	0 58 18 46	0 10 10 17	1 11 20 53	1 45 23 4	0 23 21 16	0 37 11 23	16 35 22 36	22 26 22 10	10 29 0 54			
W 5	22 32	13 23	4 1 14 27	3 51 19 10	0 56 18 57	0 9 10 15	1 10 20 53	1 45 23 4	0 23 21 16	0 37 11 23	16 35 22 35	22 26 22 10	10 30 0 54			
T 6	22 38	8 50	4 41 14 39	3 49 19 27	0 54 19 8	0 9 10 13	1 10 20 53	1 44 23 4	0 23 21 15	0 37 11 23	16 36 22 35	22 27 22 11	10 31 0 54			
F 7	22 44	4 0	5 5 14 53	3 46 19 44	0 52 19 19	0 8 10 10	1 10 20 52	1 44 23 4	0 23 21 15	0 37 11 23	16 36 22 35	22 27 22 12	10 32 0 54			
S 8	22 50	0n54	5 14 15 8	3 43 20 0	0 50 19 30	0 7 10 8	1 10 20 52	1 44 23 5	0 23 21 15	0 37 11 23	16 36 22 36	22 28 22 13	10 33 0 54			
S 9	22 55	5 40	5 7 15 25	3 38 20 16	0 47 19 40	0 7 10 5	1 10 20 51	1 44 23 5	0 23 21 15	0 37 11 23	16 37 22 36	22 28 22 13	10 34 0 54			
M10	23 0 10	7 4	4 45 15 43	3 33 20 31	0 45 19 50	0 6 10 3	1 10 20 51	1 44 23 5	0 23 21 14	0 37 11 24	16 37 22 37	22 28 22 14	10 35 0 54			
T 11	23 4 14	6 4	4 11 16 2	3 28 20 46	0 43 20 0	0 5 10 0	1 10 20 51	1 44 23 5	0 23 21 14	0 37 11 24	16 37 22 37	22 29 22 15	10 36 0 54			
W12	23 8 17	29 3	27 16 22	3 22 21 0	0 41 20 10	0 5 9 58	1 9 20 50	1 44 23 5	0 23 21 14	0 37 11 24	16 38 22 37	22 29 22 15	10 36 0 54			
T 13	23 12 20	6	2 33 16 43	3 15 21 13	0 38 20 19	0 4 9 55	1 9 20 50	1 44 23 6	0 23 21 14	0 37 11 24	16 38 22 38	22 29 22 16	10 37 0 54			
F 14	23 15 21	51 1	3 34 17 5	3 7 21 26	0 36 20 29	0 3 9 52	1 9 20 49	1 44 23 6	0 23 21 13	0 37 11 24	16 38 22 38	22 30 22 17	10 38 0 54			
S 15	23 18 22	37 0	30 17 28	2 59 21 39	0 34 20 38	0 3 9 49	1 9 20 49	1 44 23 6	0 23 21 13	0 37 11 24	16 39 22 38	22 30 22 17	10 39 0 54			
S 16	23 20 22	23 0n35	17 51 2 51	21 50 0 32	20 47 0 2	9 46 1 9	20 49 1 44	23 6 0 23	21 13 0 37	11 24 16 39	22 38 22 31	22 18 10 40	0 54			
M17	23 22 21	9 1	39 18 15	2 41 22 2	0 29 20 55	0 1 9 43	1 9 20 48	1 44 23 7	0 23 21 12	0 37 11 24	16 39 22 38	22 31 22 19	10 40 0 54			
T 18	23 24 18	58 2	39 18 39	2 32 22 12	0 27 21 4	0 1 9 40	1 9 20 48	1 43 23 7	0 23 21 12	0 37 11 24	16 40 22 38	22 31 22 20	10 41 0 54			
W19	23 25 15	56 3	33 19 4	2 22 22 22	0 24 21 12	0n 0 9 37	1 8 20 47	1 43 23 7	0 23 21 12	0 37 11 25	16 40 22 38	22 32 22 20	10 42 0 54			
T 20	23 25 12	10 4	18 19 28	2 12 22 31	0 22 21 20	0 1 9 34	1 8 20 47	1 43 23 7	0 23 21 11	0 37 11 25	16 41 22 38	22 32 22 21	10 42 0 54			
F 21	23 26 7	47 4	52 19 53	2 1 22 40	0 20 21 28	0 1 9 31	1 8 20 47	1 43 23 8	0 23 21 11	0 37 11 25	16 41 22 37	22 32 22 22	10 43 0 54			
S 22	23 26 2	58 5	12 20 17	1 50 22 48	0 17 21 36	0 2 9 28	1 8 20 46	1 43 23 8	0 23 21 11	0 37 11 25	16 41 22 37	22 33 22 22	10 44 0 54			
S 23	23 25 2	s 8 5	17 20 41	1 39 22 55	0 15 21 43	0 3 9 25	1 8 20 46	1 43 23 8	0 23 21 11	0 37 11 25	16 42 22 37	22 33 22 23	10 44 0 54			
M24	23 24 7	18 5	3 3 21 5	1 27 23 2	0 12 21 51	0 3 9 22	1 8 20 46	1 43 23 8	0 23 21 10	0 37 11 25	16 42 22 38	22 34 22 23	10 45 0 54			
T 25	23 23 12	16 4	31 21 28	1 16 23 8	0 10 21 58	0 4 9 19	1 8 20 45	1 43 23 9	0 23 21 10	0 37 11 26	16 42 22 38	22 34 22 24	10 46 0 54			
W26	23 21 16	39 3	41 21 49	1 4 23 13	0 8 22 5	0 5 9 15	1 8 20 45	1 42 23 9	0 23 21 10	0 37 11 26	16 43 22 38	22 34 22 25	10 46 0 54			
T 27	23 19 20	5 2	34 22 10	0 52 23 18	0 5 22 11	0 5 9 12	1 7 20 45	1 42 23 9	0 23 21 9	0 37 11 26	16 43 22 38	22 35 22 25	10 47 0 54			
F 28	23 16 22	9 1	16 22 30	0 40 23 22	0 3 22 18	0 6 9 8	1 7 20 44	1 42 23 9	0 23 21 9	0 36 11 26	16 43 22 38	22 35 22 26	10 47 0 54			
S 29	23 13 22	36 0s 7	22 48 0 28	23 25 0 0	22 24 0 7	9 5 1 7	20 44 1 42	23 10 0 23	21 9 0 36	11 27 16 44	22 38 22 35	22 27 10 48	0 53			
S 30	23n10	21s24 1s30	23n 4 0s17	23n28 0n 2	22n30 0n 8	9n 2 1n 7	20s44 1n42	23s10 0s23	21n 8 0s36	11s27 16s44	22n38 22n36	22n27 10n49	0n53			

Julian Day Number = 2479089.5, Delta T = 82.97 sec  
Ecliptic obliquity = 23°25'43, Nutation = - 0°00'17, out-of-bounds declination in red  
Ayanamsha: Fagan/Bradley = 25°47'38, Lahiri = 24°54'39

## ASTRODIENST EPHEMERIS for the year 2075

geocentric

JULY 2075

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	18 36 45	9°21'00	15°49	27°33	1°29	13°55	9°41	13°R27	13°R 7	21°22	9°57	14°34	14°52	5°17	25°52	M 1
T 2	18 40 42	10°18'12	0°17	29°35	2°43	14°37	9°50	13°23	13°5	21°24	9°57	14°35	14°49	5°23	25°53	T 2
W 3	18 44 39	11°15'24	14°21	19°39	3°56	15°19	10° 0	13°20	13° 2	21°26	9°57	14°35	14°46	5°30	25°55	W 3
T 4	18 48 35	12°12'35	27°58	3°45	5°10	16° 1	10° 9	13°16	13° 0	21°28	9°57	14°35	14°43	5°37	25°56	T 4
F 5	18 52 32	13° 9'47	11°9	5°52	6°23	16°42	10°18	13°13	12°58	21°31	9°58	14°R35	14°39	5°43	25°57	F 5
S 6	18 56 28	14° 7'00	23°58	8° 0	7°37	17°24	10°28	13° 9	12°55	21°33	9°58	14°D35	14°36	5°50	25°59	S 6
S 7	19 0 25	15° 4'12	6°27	10° 9	8°51	18° 6	10°38	13° 6	12°53	21°35	9°58	14°35	14°33	5°57	26° 0	S 7
M 8	19 4 21	16° 1'25	18°40	12°19	10° 4	18°47	10°47	13° 2	12°50	21°37	9°58	14°35	14°30	6° 3	26° 1	M 8
T 9	19 8 18	16°58'38	0°14	14°29	11°18	19°29	10°57	12°59	12°48	21°39	9°58	14°35	14°27	6°10	26° 2	T 9
W10	19 12 14	17°55'52	12°36	16°39	12°32	20°10	11° 7	12°56	12°45	21°42	9°R58	14°36	14°23	6°16	26° 3	W10
T 11	19 16 11	18°53'05	24°24	18°49	13°45	20°52	11°17	12°53	12°43	21°44	9°58	14°36	14°20	6°23	26° 4	T 11
F 12	19 20 8	19°50'20	6°11	20°58	14°59	21°33	11°27	12°50	12°41	21°46	9°58	14°36	14°17	6°30	26° 5	F 12
S 13	19 24 4	20°47'34	17°59	23° 7	16°13	22°14	11°37	12°46	12°38	21°48	9°58	14°R36	14°14	6°36	26° 6	S 13
S 14	19 28 1	21°44'48	29°50	25°15	17°27	22°56	11°48	12°44	12°36	21°51	9°58	14°36	14°11	6°43	26° 7	S 14
M15	19 31 57	22°42'03	11°46	27°21	18°40	23°37	11°58	12°41	12°33	21°53	9°58	14°36	14° 8	6°50	26° 8	M15
T 16	19 35 54	23°39'18	23°50	29°26	19°54	24°18	12° 8	12°38	12°31	21°55	9°57	14°35	14° 4	6°56	26° 8	T 16
W17	19 39 50	24°36'33	6°13	1°30	21° 8	24°59	12°19	12°35	12°29	21°57	9°57	14°33	14° 1	7° 3	26° 9	W17
T 18	19 43 47	25°33'48	18°29	3°33	22°22	25°40	12°29	12°32	12°26	21°59	9°57	14°32	13°58	7°10	26°10	T 18
F 19	19 47 43	26°31'04	1° 9	5°33	23°35	26°21	12°40	12°30	12°24	22° 2	9°57	14°31	13°55	7°16	26°10	F 19
S 20	19 51 40	27°28'19	14° 7	7°33	24°49	27° 2	12°51	12°27	12°22	22° 4	9°57	14°30	13°52	7°23	26°11	S 20
S 21	19 55 37	28°25'35	27°25	9°30	26° 3	27°43	13° 2	12°25	12°19	22° 6	9°57	14°D29	13°49	7°30	26°11	S 21
M22	19 59 33	29°22'51	11°4	11°26	27°17	28°23	13°13	12°23	12°17	22° 8	9°56	14°30	13°45	7°36	26°12	M22
T 23	20 3 30	0°20'07	25° 6	13°20	28°31	29° 4	13°24	12°20	12°15	22°11	9°56	14°30	13°42	7°43	26°12	T 23
W24	20 7 26	1°17'23	9°29	15°12	29°45	29°45	13°35	12°18	12°13	22°13	9°56	14°31	13°39	7°50	26°12	W24
T 25	20 11 23	2°14'40	24°12	17° 2	0°59	0°25	13°46	12°16	12°10	22°15	9°55	14°33	13°36	7°56	26°13	T 25
F 26	20 15 19	3°11'58	9°3	18°51	2°12	1° 6	13°57	12°14	12° 8	22°17	9°55	14°R33	13°33	8° 3	26°13	F 26
S 27	20 19 16	4° 9'15	24°13	20°38	3°26	1°46	14° 8	12°12	12° 6	22°19	9°55	14°33	13°29	8° 9	26°13	S 27
S 28	20 23 13	5° 6'34	9°15	22°23	4°40	2°27	14°19	12°10	12° 4	22°22	9°54	14°32	13°26	8°16	26°13	S 28
M29	20 27 9	6° 3'53	24° 8	24° 7	5°54	3° 7	14°31	12° 9	12° 2	22°24	9°54	14°30	13°23	8°23	26°13	M29
T 30	20 31 6	7° 1'12	8°42	25°49	7° 8	3°47	14°42	12° 7	12° 0	22°26	9°54	14°27	13°20	8°29	26°R13	T 30
W31	20 35 2	7°58'33	22°53	27°29	8°22	4°28	14°54	12° 6	11°57	22°28	9°53	14°24	13°17	8°36	26°V13	W31

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
M 1	23n 6	18s43	2s45	23n19	0s 5	23n30	0n 4	22n36	0n 8	8n58	1n 7	20s43	1n42	23s10	0s23	21n 8	0s36	11s27	16s45	22n38	22n36	22n28	10n49	0n53	
T 2	23 2	14 55	3 48	23 32	0n 6	23 31	0 7	22 41	0 9	8 54	1 7	20 43	1 42	23 10	0 23	21 8	0 36	11 27	16 45	22 38	22 36	22 28	10 50	0 53	
W 3	22 57	10 23	4 35	23 42	0 17	23 31	0 9	22 47	0 10	8 51	1 7	20 43	1 41	23 11	0 23	21 7	0 36	11 28	16 45	22 38	22 37	22 29	10 50	0 53	
T 4	22 52	5 28	5 5	23 50	0 27	23 31	0 12	22 52	0 10	8 47	1 7	20 42	1 41	23 11	0 23	21 7	0 36	11 28	16 46	22 38	22 37	22 30	10 51	0 53	
F 5	22 47	0 27	5 17	23 55	0 38	23 30	0 14	22 57	0 11	8 43	1 6	20 42	1 41	23 11	0 23	21 7	0 36	11 28	16 46	22 38	22 37	22 30	10 51	0 53	
S 6	22 41	4n26	5 14	23 58	0 47	23 29	0 16	23 2	0 12	8 40	1 6	20 42	1 41	23 11	0 23	21 6	0 36	11 28	16 46	22 38	22 38	22 31	10 51	0 53	
S 7	22 35	9 1	4 55	23 58	0 56	23 27	0 19	23 6	0 12	8 36	1 6	20 42	1 41	23 12	0 23	21 6	0 36	11 29	16 47	22 38	22 38	22 31	10 52	0 53	
M 8	22 28	13 9	4 23	23 56	1 5	23 24	0 21	23 10	0 13	8 32	1 6	20 41	1 41	23 12	0 23	21 6	0 36	11 29	16 47	22 38	22 38	22 32	10 52	0 53	
T 9	22 21	16 41	3 41	23 50	1 12	23 20	0 23	23 14	0 14	8 28	1 6	20 41	1 41	23 12	0 23	21 5	0 36	11 29	16 48	22 38	22 39	22 33	10 53	0 53	
W10	22 14	19 30	2 49	23 42	1 19	23 16	0 26	23 18	0 14	8 25	1 6	20 41	1 40	23 12	0 23	21 5	0 36	11 30	16 48	22 38	22 39	22 33	10 53	0 53	
T 11	22 6	21 29	1 50	23 31	1 26	23 11	0 28	23 22	0 15	8 21	1 6	20 41	1 40	23 13	0 23	21 5	0 36	11 30	16 48	22 38	22 39	22 34	10 53	0 53	
F 12	21 58	22 30	0 47	23 18	1 31	23 5	0 30	23 25	0 16	8 17	1 6	20 40	1 40	23 13	0 23	21 4	0 36	11 30	16 49	22 38	22 40	22 34	10 54	0 53	
S 13	21 49	22 32	0n19	23 2	1 36	22 59	0 32	23 29	0 16	8 13	1 6	20 40	1 40	23 13	0 23	21 4	0 36	11 31	16 49	22 38	22 40	22 35	10 54	0 53	
S 14	21 40	21 32	1 24	22 43	1 40	22 52	0 35	23 32	0 17	8 9	1 6	20 40	1 40	23 13	0 23	21 4	0 36	11 31	16 49	22 38	22 40	22 35	10 54	0 53	
M15	21 31	19 34	2 25	22 22	1 43	22 44	0 37	23 34	0 18	8 5	1 5	20 40	1 39	23 14	0 23	21 3	0 36	11 32	16 50	22 38	22 41	22 36	10 55	0 53	
T 16	21 22	16 44	3 21	21 59	1 46	22 36	0 39	23 37	0 19	8 1	1 5	20 40	1 39	23 14	0 23	21 3	0 36	11 32	16 50	22 38	22 41	22 36	10 55	0 53	
W17	21 12	13 8	4 8	21 34	1 48	22 27	0 41	23 39	0 19	7 57	1 5	20 39	1 39	23 14	0 23	21 3	0 36	11 32	16 50	22 38	22 41	22 37	10 55	0 53	
T 18	21 1	8 55	4 45	21 7	1 49	22 17	0 43	23 41	0 20	7 52	1 5	20 39	1 39	23 14	0 23	21 2	0 36	11 33	16 51	22 38	22 42	22 37	10 55	0 53	
F 19	20 50	4 15	5 8	20 38	1 49	22 6	0 45	23 43	0 21	7 48	1 5	20 39	1 39	23 14	0 24	21 2	0 36	11 33	16 51	22 38	22 42	22 38	10 55	0 53	
S 20	20 39	0s42	5 17	20 8	1 49	21 55	0 47	23 45	0 21	7 44	1 5	20 39	1 39	23 15	0 24	21 2	0 36	11 34	16 52	22 38	22 42	22 39	10 56	0 53	
S 21	20 28	5 44	5 9	19 36	1 48	21 44	0 49	23 47	0 22	7 40	1 5	20 39	1 38	23 15	0 24	21 1	0 36	11 34	16 52	22 38	22 43	22 39	10 56	0 53	
M22	20 16	10 39	4 43	19 3	1 46	21 32	0 51	23 48	0 23	7 36	1 5	20 39	1 38	23 15	0 24	21 1	0 36	11 34	16 52	22 38	22 43	22 40	10 56	0 53	
T 23	20 4	15 8	4 1	18 28	1 44	21 19	0 53	23 49	0 23	7 31	1 5	20 39	1 38	23 15	0 24	21 1	0 36	11 35	16 53	22 38	22 43	22 40	10 56	0 53	
W24	19 52	18 52	3 2	17 53	1 41	21 5	0 55	23 50	0 24	7 27	1 5	20 39	1 38	23 16	0 24	21 0	0 36	11 35	16 53	22 38	22 44	22 41	10 56	0 53	
T 25	19 39	21 28	1 50	17 16	1 38	20 51	0 56	23 50	0 25	7 23	1 5	20 39	1 38	23 16	0 24	21 0	0 36	11 36	16 53	22 38	22 44	22 41	10 56	0 53	
F 26	19 26	22 37	0 30	16 39	1 34	20 36	0 58	23 51	0 25	7 18	1 4	20 38	1 37	23 16	0 24	20 59	0 36	11 36	16 54	22 38	22 44	22 41	10 56	0 53	
S 27	19 13	22 8	0s53	16 1	1 29	20 21	1 0	23 51	0 26	7 14	1 4	20 38	1 37	23 16	0 24	20 59	0 36	11 37	16 54	22 38	22 45	22 42	10 56	0 53	
S 28	18 59	20 3	2 12	15 23	1 25	20 5	1 1	23 51	0 27	7 9	1 4	20 38	1 37	23 16	0 24	20 59	0 36	11 37	16 54	22 38	22 45	22 42	10 56	0 53	
M29	18 45	16 38	3 21	14 43	1 19	19 48	1 3	23 51	0 28	7 5	1 4	20 38	1 37	23 17	0 24	20 58	0 36	11 38	16 55	22 38	22 45	22 43	10 56	0 53	
T 30	18 31	12 35	4 16	14 4	1 14	19 31	1 5	23 51	0 28	7 0	1 4	20 38	1 37	23 17	0 24	20 58	0 36	11 38	16 55	22 39	22 46	22 43	10 56	0 53	
W31	18n16	7s18	4s53	13n24	1n 7	19n14	1n 6	23n50	0n29	6n56	1n 4	20s38	1n36	23s17	0s24	20n58	0s36	11s38	16s55	22n39	22n46	22n44	10n56	0n53	



ASTRODIENST EPHEMERIS for the year 2075  
geocentric

AUGUST 2075

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	20 38 59	8♂55'55	6♂37	29♂ 7	9♂36	5♂ 8	15♂ 5	12♂R 4	11♂R55	22♂30	9♂R53	14♂R21	13♂14	8♂43	26♂R13	T 1
F 2	20 42 55	9°53'17	19°54	0♂43	10°50	5°48	15°17	12♂ 3	11♂53	22°32	9♂52	14♂19	13°10	8°49	26♂Y13	F 2
S 3	20 46 52	10°50'41	2♂46	2°18	12° 4	6°28	15°28	12° 1	11°51	22°35	9°52	14°17	13° 7	8°56	26°13	S 3
S 4	20 50 48	11°48'06	15°16	3°51	13°18	7° 8	15°40	12° 0	11°49	22°37	9°51	14°D17	13° 4	9° 3	26°13	S 4
M 5	20 54 45	12°45'32	27°28	5°23	14°32	7°48	15°52	11°59	11°47	22°39	9°51	14°18	13° 1	9° 9	26°12	M 5
T 6	20 58 41	13°43'00	9♂26	6°53	15°46	8°28	16° 4	11°58	11°45	22°41	9°50	14°19	12°58	9°16	26°12	T 6
W 7	21 2 38	14°40'28	21°17	8°21	17° 0	9° 8	16°16	11°57	11°43	22°43	9°49	14°21	12°55	9°23	26°12	W 7
T 8	21 6 35	15°37'58	3♂ 4	9°47	18°14	9°47	16°28	11°56	11°42	22°45	9°49	14°23	12°51	9°29	26°11	T 8
F 9	21 10 31	16°35'29	14°51	11°11	19°28	10°27	16°40	11°56	11°40	22°47	9°48	14°R23	12°48	9°36	26°11	F 9
S 10	21 14 28	17°33'02	26°43	12°34	20°43	11° 7	16°52	11°55	11°38	22°49	9°48	14°22	12°45	9°42	26°10	S 10
S 11	21 18 24	18°30'35	8♂40	13°55	21°57	11°46	17° 4	11°55	11°36	22°51	9°47	14°20	12°42	9°49	26° 9	S 11
M12	21 22 21	19°28'09	20°47	15°13	23°11	12°26	17°16	11°54	11°34	22°53	9°46	14°16	12°39	9°56	26° 9	M12
T 13	21 26 17	20°25'45	3♂ 4	16°30	24°25	13° 6	17°28	11°54	11°33	22°55	9°46	14°11	12°35	10° 2	26° 8	T 13
W14	21 30 14	21°23'22	15°33	17°45	25°39	13°45	17°40	11°54	11°31	22°57	9°45	14° 4	12°32	10° 9	26° 7	W14
T 15	21 34 10	22°20'59	28°14	18°58	26°53	14°24	17°52	11°53	11°29	22°59	9°44	13°58	12°29	10°16	26° 6	T 15
F 16	21 38 7	23°18'38	11♂ 8	20° 9	28° 7	15° 4	18° 5	11°D53	11°28	23° 1	9°43	13°52	12°26	10°22	26° 5	F 16
S 17	21 42 4	24°16'18	24°16	21°18	29°22	15°43	18°17	11°53	11°26	23° 3	9°43	13°47	12°23	10°29	26° 5	S 17
S 18	21 46 0	25°13'59	7♂38	22°24	0♂36	16°22	18°29	11°54	11°25	23° 5	9°42	13°44	12°20	10°36	26° 4	S 18
M19	21 49 57	26°11'41	21°16	23°28	1°50	17° 1	18°42	11°54	11°23	23° 7	9°41	13°D42	12°16	10°42	26° 3	M19
T 20	21 53 53	27° 9'24	5♂ 9	24°29	3° 4	17°40	18°54	11°54	11°22	23° 9	9°40	13°42	12°13	10°49	26° 1	T 20
W21	21 57 50	28° 7'08	19°18	25°28	4°18	18°19	19° 7	11°55	11°20	23°11	9°39	13°43	12°10	10°56	26° 0	W21
T 22	22 1 46	29° 4'53	3♂42	26°24	5°33	18°58	19°19	11°55	11°19	23°13	9°39	13°45	12° 7	11° 2	25°59	T 22
F 23	22 5 43	0♂ 2'39	18°18	27°17	6°47	19°37	19°32	11°56	11°17	23°15	9°38	13°R45	12° 4	11° 9	25°58	F 23
S 24	22 9 39	1° 0'26	3♂ 1	28° 7	8° 1	20°16	19°44	11°57	11°16	23°17	9°37	13°43	12° 0	11°15	25°57	S 24
S 25	22 13 36	1°58'15	17°47	28°54	9°15	20°55	19°57	11°57	11°15	23°19	9°36	13°40	11°57	11°22	25°55	S 25
M26	22 17 33	2°56'05	2♂27	29°37	10°30	21°33	20°10	11°58	11°14	23°20	9°35	13°34	11°54	11°29	25°54	M26
T 27	22 21 29	3°53'56	16°54	0♂17	11°44	22°12	20°22	11°59	11°13	23°22	9°34	13°27	11°51	11°35	25°53	T 27
W28	22 25 26	4°51'49	1♂ 2	0°53	12°58	22°51	20°35	12° 0	11°11	23°24	9°33	13°19	11°48	11°42	25°51	W28
T 29	22 29 22	5°49'44	14°47	1°25	14°12	23°29	20°48	12° 2	11°10	23°26	9°32	13°11	11°45	11°49	25°50	T 29
F 30	22 33 19	6°47'40	28° 6	1°52	15°27	24° 8	21° 1	12° 3	11° 9	23°27	9°31	13° 4	11°41	11°55	25°48	F 30
S 31	22 37 15	7♂45'38	11♂ 0	2♂15	16♂41	24♂46	21♂13	12♂ 4	11♂ 8	23♂29	9♂30	12♂58	11♂38	12♂ 2	25♂Y46	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	decl lat	decl lat	decl lat
T 1	18n 1	2s 9	5s12	12n44	1n 1	18n56	1n 8	23n49	0n30	6n51	1n 4	20s38	1n36	23s17	0s24	20n57
F 2	17 46	2n57	5 13	12 3	0 54	18 37	1 9	23 48	0 30	6 47	1 4	20 38	1 36	23 17	0 24	20 57
S 3	17 30	7 45	4 59	11 23	0 47	18 18	1 10	23 47	0 31	6 42	1 4	20 38	1 36	23 17	0 24	20 57
S 4	17 14	12 6	4 30	10 42	0 39	17 58	1 12	23 46	0 32	6 38	1 4	20 39	1 36	23 18	0 24	20 56
M 5	16 58	15 51	3 50	10 1	0 31	17 38	1 13	23 44	0 32	6 33	1 4	20 39	1 35	23 18	0 24	20 56
T 6	16 42	18 53	3 0	9 21	0 23	17 17	1 14	23 42	0 33	6 29	1 4	20 39	1 35	23 18	0 24	20 56
W 7	16 25	21 5	2 3	8 40	0 15	16 56	1 15	23 41	0 34	6 24	1 4	20 39	1 35	23 18	0 24	20 55
T 8	16 9	22 22	1 2	8 0	0 6	16 34	1 16	23 38	0 34	6 19	1 4	20 39	1 35	23 18	0 23	20 55
F 9	15 51	22 39	0n 3	7 20	0s 3	16 12	1 17	23 36	0 35	6 14	1 4	20 39	1 34	23 18	0 23	20 55
S 10	15 34	21 54	1 7	6 40	0 12	15 49	1 18	23 34	0 36	6 10	1 4	20 39	1 34	23 19	0 23	20 54
S 11	15 16	20 9	2 9	6 0	0 21	15 26	1 19	23 31	0 37	6 5	1 4	20 39	1 34	23 19	0 23	20 54
M12	14 58	17 29	3 6	5 21	0 30	15 3	1 20	23 28	0 37	6 0	1 4	20 39	1 34	23 19	0 23	20 54
T 13	14 40	14 1	3 55	4 42	0 40	14 39	1 21	23 25	0 38	5 55	1 3	20 40	1 34	23 19	0 23	20 53
W14	14 22	9 53	4 33	4 4	0 50	14 15	1 22	23 22	0 39	5 51	1 3	20 40	1 33	23 19	0 23	20 53
T 15	14 3	5 16	4 59	3 27	1 0	13 50	1 22	23 18	0 39	5 46	1 3	20 40	1 33	23 19	0 23	20 53
F 16	13 45	0 21	5 10	2 50	1 10	13 25	1 23	23 14	0 40	5 41	1 3	20 40	1 33	23 19	0 23	20 52
S 17	13 26	4s40	5 5	2 14	1 20	13 0	1 24	23 11	0 41	5 36	1 3	20 40	1 33	23 20	0 23	20 52
S 18	13 6	9 34	4 44	1 38	1 30	12 34	1 24	23 7	0 41	5 31	1 3	20 41	1 33	23 20	0 23	20 52
M19	12 47	14 6	4 6	1 3	1 40	12 8	1 24	23 2	0 42	5 26	1 3	20 41	1 32	23 20	0 23	20 51
T 20	12 27	17 58	3 14	0 30	1 51	11 42	1 25	22 58	0 43	5 21	1 3	20 41	1 32	23 20	0 23	20 51
W21	12 7	20 52	2 9	0s 3	2 1	11 15	1 25	22 54	0 43	5 17	1 3	20 41	1 32	23 20	0 23	20 51
T 22	11 47	22 28	0 54	0 35	2 11	10 48	1 25	22 49	0 44	5 12	1 3	20 42	1 32	23 20	0 23	20 50
F 23	11 27	22 35	0s25	1 5	2 22	10 20	1 25	22 44	0 45	5 7	1 3	20 42	1 31	23 20	0 23	20 50
S 24	11 7	21 8	1 42	1 34	2 32	9 53	1 26	22 39	0 46	5 2	1 3	20 42	1 31	23 20	0 23	20 50
S 25	10 46	18 15	2 53	2 2	2 42	9 25	1 26	22 34	0 46	4 57	1 3	20 43	1 31	23 20	0 23	20 49
M26	10 25	14 12	3 52	2 29	2 52	8 57	1 26	22 29	0 47	4 52	1 3	20 43	1 31	23 21	0 23	20 49
T 27	10 4	9 23	4 35	2 53	3 1	8 29	1 25	22 23	0 48	4 47	1 3	20 43	1 31	23 21	0 23	20 49
W28	9 43	4 10	5 0	3 16	3 11	8 0	1 25	22 17	0 48	4 42	1 3	20 44	1 30	23 21	0 23	20 49
T 29	9 22	1n 6	5 7	3 37	3 20	7 31	1 25	22 12	0 49	4 37	1 3	20 44	1 30	23 21	0 23	20 48
F 30	9 1	6 10	4 56	3 56	3 29	7 2	1 25	22 6	0 50	4 32	1 3	20 44	1 30	23 21	0 23	20 48
S 31	8n39	10n49	4s31	4s13	3s37	6n33	1n24	21n59	0n50	4n27	1n 3	20s45	1n30	23s21	0s23	20n48

Julian Day Number = 2479150.5, Delta T = 83.03 sec  
Ecliptic obliquity = 23°25'44, Nutation = - 0°00'16, out-of-bounds declination in red  
Ayanamsha: Fagan/Bradley = 25°47'46, Lahiri = 24°54'47

# ASTRODIENST EPHEMERIS for the year 2075

## geocentric

SEPTEMBER 2075

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	22 41 12	8♎43'38	23♎31	2♎32	17♎55	25♎24	21♎26	12♎6	11°R 7	23♎31	9°R29	12°R55	11♎35	12♎9	25°R45	S 1
M 2	22 45 8	9°41'40	5♎44	2°45	19°10	26° 3	21°39	12° 8	11♎6	23°33	9°Y28	12°D54	11°32	12°15	25°Y43	M 2
T 3	22 49 5	10°39'44	17°43	2°52	20°24	26°41	21°52	12° 9	11° 6	23°34	9°27	12°54	11°29	12°22	25°41	T 3
W 4	22 53 2	11°37'50	29°34	2°R54	21°38	27°19	22° 5	12°11	11° 5	23°36	9°26	12°54	11°26	12°29	25°40	W 4
T 5	22 56 58	12°35'58	11♎21	2°49	22°53	27°57	22°17	12°13	11° 4	23°37	9°25	12°R55	11°22	12°35	25°38	T 5
F 6	23 0 55	13°34'08	23°10	2°38	24° 7	28°35	22°30	12°15	11° 3	23°39	9°24	12°55	11°19	12°42	25°36	F 6
S 7	23 4 51	14°32'19	5♎6	2°21	25°21	29°13	22°43	12°17	11° 3	23°41	9°23	12°52	11°16	12°49	25°34	S 7
S 8	23 8 48	15°30'33	17°11	1°58	26°36	29°51	22°56	12°19	11° 2	23°42	9°22	12°47	11°13	12°55	25°32	S 8
M 9	23 12 44	16°28'48	29°30	1°28	27°50	0♎29	23° 9	12°21	11° 1	23°44	9°21	12°40	11°10	13° 2	25°30	M 9
T 10	23 16 41	17°27'05	12♎2	0°52	29° 4	1° 7	23°22	12°24	11° 1	23°45	9°20	12°30	11° 6	13° 8	25°28	T 10
W11	23 20 37	18°25'24	24°50	0°10	0♎19	1°44	23°35	12°26	11° 0	23°47	9°19	12°19	11° 3	13°15	25°26	W11
T 12	23 24 34	19°23'44	7♎52	29♎22	1°33	2°22	23°48	12°29	11° 0	23°48	9°18	12° 7	11° 0	13°22	25°24	T 12
F 13	23 28 31	20°22'07	21° 7	28°29	2°47	3° 0	24° 1	12°31	11° 0	23°49	9°17	11°56	10°57	13°28	25°22	F 13
S 14	23 32 27	21°20'31	4♎34	27°33	4° 2	3°37	24°14	12°34	10°59	23°51	9°16	11°47	10°54	13°35	25°20	S 14
S 15	23 36 24	22°18'57	18°12	26°33	5°16	4°15	24°27	12°37	10°59	23°52	9°15	11°41	10°51	13°42	25°18	S 15
M16	23 40 20	23°17'24	1♎58	25°31	6°30	4°52	24°40	12°40	10°59	23°53	9°14	11°37	10°47	13°48	25°15	M16
T 17	23 44 17	24°15'53	15°53	24°29	7°45	5°29	24°53	12°43	10°59	23°55	9°12	11°35	10°44	13°55	25°13	T 17
W18	23 48 13	25°14'24	29°55	23°27	8°59	6° 6	25° 6	12°46	10°59	23°56	9°11	11°D35	10°41	14° 2	25°11	W18
T 19	23 52 10	26°12'56	14♎5	22°28	10°14	6°44	25°19	12°49	10°59	23°57	9°10	11°R35	10°38	14° 8	25° 9	T 19
F 20	23 56 6	27°11'30	28°20	21°32	11°28	7°21	25°32	12°52	10°D58	23°59	9° 9	11°34	10°35	14°15	25° 6	F 20
S 21	0 0 3	28°10'05	12♎40	20°42	12°42	7°58	25°45	12°55	10°59	24° 0	9° 8	11°31	10°32	14°22	25° 4	S 21
S 22	0 4 0	29° 8'42	27° 0	19°59	13°57	8°35	25°58	12°59	10°59	24° 1	9° 7	11°25	10°28	14°28	25° 2	S 22
M23	0 7 56	0♎721	11♎17	19°23	15°11	9°12	26°11	13° 2	10°59	24° 2	9° 6	11°17	10°25	14°35	24°59	M23
T 24	0 11 53	1° 6'02	25°24	18°56	16°25	9°48	26°23	13° 6	10°59	24° 3	9° 4	11° 6	10°22	14°41	24°57	T 24
W25	0 15 49	2° 4'44	9°Y17	18°38	17°40	10°25	26°36	13°10	10°59	24° 4	9° 3	10°54	10°19	14°48	24°54	W25
T 26	0 19 46	3° 3'29	22°52	18°D30	18°54	11° 2	26°49	13°13	10°59	24° 5	9° 2	10°42	10°16	14°55	24°52	T 26
F 27	0 23 42	4° 2'15	6♎5	18°32	20° 8	11°38	27° 2	13°17	11° 0	24° 6	9° 1	10°31	10°12	15° 1	24°49	F 27
S 28	0 27 39	5° 1'04	18°56	18°44	21°23	12°15	27°15	13°21	11° 0	24° 7	9° 0	10°22	10° 9	15° 8	24°47	S 28
S 29	0 31 35	5°59'55	1♎26	19° 6	22°37	12°51	27°28	13°25	11° 1	24° 8	8°58	10°16	10° 6	15°15	24°44	S 29
M30	0 35 32	6♎58'48	13♎39	19♎38	23♎51	13♎28	27♎41	13♎29	11♎1	24♎9	8°Y57	10♎12	10♎3	15♎21	24°Y41	M30

Day	☉	☾	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	8n18	14n52	3s54	4s27	3s45	6n 4	1n24	21n53	0n51	4n22	1n 3	20s45	1n30	23s21	0s23	20n47	0s36	11s56	17s 4	22n48	22n55	22n55	10n45	0n52
M 2	7 56	18 12	3 6	4 39	3 53	5 34	1 23	21 47	0 52	4 17	1 3	20 46	1 29	23 21	0 23	20 47	0 36	11 56	17 4	22 48	22 56	22 56	10 44	0 52
T 3	7 34	20 41	2 11	4 48	3 59	5 4	1 23	21 40	0 53	4 12	1 3	20 46	1 29	23 21	0 23	20 47	0 36	11 57	17 5	22 48	22 56	22 56	10 44	0 52
W 4	7 12	22 15	1 11	4 54	4 5	4 35	1 22	21 33	0 53	4 6	1 3	20 46	1 29	23 21	0 23	20 46	0 36	11 57	17 5	22 48	22 56	22 56	10 43	0 52
T 5	6 50	22 48	0 8	4 57	4 10	4 5	1 22	21 27	0 54	4 1	1 3	20 47	1 29	23 21	0 23	20 46	0 36	11 58	17 5	22 48	22 57	22 57	10 42	0 52
F 6	6 27	22 20	0n55	4 56	4 14	3 34	1 21	21 20	0 55	3 56	1 3	20 47	1 28	23 21	0 23	20 46	0 36	11 58	17 5	22 48	22 57	22 57	10 42	0 52
S 7	6 5	20 51	1 56	4 52	4 17	3 4	1 20	21 12	0 55	3 51	1 3	20 48	1 28	23 21	0 23	20 46	0 36	11 59	17 5	22 48	22 57	22 57	10 41	0 52
S 8	5 43	18 25	2 52	4 44	4 18	2 34	1 19	21 5	0 56	3 46	1 3	20 48	1 28	23 21	0 23	20 45	0 36	11 59	17 5	22 49	22 57	22 57	10 40	0 52
M 9	5 20	15 6	3 42	4 32	4 18	2 4	1 18	20 58	0 57	3 41	1 3	20 49	1 28	23 21	0 23	20 45	0 36	12 0	17 6	22 50	22 58	22 58	10 39	0 51
T 10	4 57	11 4	4 21	4 16	4 17	1 33	1 17	20 50	0 57	3 36	1 3	20 49	1 28	23 22	0 23	20 45	0 36	12 1	17 6	22 51	22 58	22 58	10 39	0 51
W11	4 35	6 28	4 49	3 57	4 14	1 2	1 16	20 43	0 58	3 31	1 3	20 50	1 27	23 22	0 23	20 45	0 36	12 1	17 6	22 52	22 58	22 58	10 38	0 51
T 12	4 12	1 30	5 2	3 33	4 9	0 32	1 15	20 35	0 59	3 26	1 3	20 50	1 27	23 22	0 23	20 44	0 36	12 2	17 6	22 53	22 58	22 58	10 37	0 51
F 13	3 49	3s37	4 59	3 6	4 2	0 1	1 14	20 27	1 0	3 21	1 3	20 51	1 27	23 22	0 23	20 44	0 36	12 2	17 6	22 54	22 59	22 58	10 36	0 51
S 14	3 26	8 39	4 39	2 35	3 53	0s29	1 13	20 19	1 0	3 15	1 3	20 52	1 27	23 22	0 23	20 44	0 36	12 3	17 6	22 54	22 59	22 59	10 35	0 51
S 15	3 3	13 20	4 4	2 2	3 42	1 0	1 11	20 11	1 1	3 10	1 3	20 52	1 27	23 22	0 23	20 44	0 36	12 3	17 6	22 55	22 59	22 59	10 35	0 51
M16	2 40	17 23	3 14	1 26	3 30	1 31	1 10	20 2	1 2	3 5	1 3	20 53	1 26	23 22	0 23	20 43	0 36	12 4	17 7	22 55	22 59	22 59	10 34	0 51
T 17	2 17	20 30	2 12	0 48	3 15	2 1	1 9	19 54	1 2	3 0	1 3	20 53	1 26	23 22	0 23	20 43	0 36	12 4	17 7	22 55	23 0	22 59	10 33	0 51
W18	1 53	22 24	1 2	0 9	3 0	2 32	1 7	19 45	1 3	2 55	1 3	20 54	1 26	23 22	0 23	20 43	0 36	12 5	17 7	22 55	23 0	22 59	10 32	0 51
T 19	1 30	22 54	0s13	0n30	2 42	3 3	1 6	19 37	1 4	2 50	1 3	20 54	1 26	23 22	0 23	20 43	0 36	12 5	17 7	22 55	23 0	23 0	10 31	0 51
F 20	1 7	21 55	1 28	1 9	2 24	3 33	1 4	19 28	1 5	2 45	1 3	20 55	1 26	23 22	0 23	20 42	0 36	12 6	17 7	22 56	23 0	23 0	10 30	0 51
S 21	0 44	19 30	2 37	1 47	2 4	4 4	1 2	19 19	1 5	2 40	1 3	20 56	1 25	23 22	0 23	20 42	0 36	12 6	17 7	22 56	23 1	23 0	10 29	0 51
S 22	0 20	15 53	3 36	2 22	1 44	4 34	1 1	19 10	1 6	2 34	1 3	20 56	1 25	23 22	0 23	20 42	0 36	12 7	17 7	22 56	23 1	23 0	10 28	0 51
M23	0s 3	11 21	4 21	2 54	1 24	5 4	0 59	19 1	1 7	2 29	1 3	20 57	1 25	23 22	0 23	20 42	0 36	12 7	17 7	22 57	23 1	23 0	10 27	0 51
T 24	0 26	6 15	4 50	3 23	1 4	5 35	0 57	18 52	1 7	2 24	1 3	20 57	1 25	23 22	0 23	20 42	0 36	12 8	17 7	22 58	23 1	23 0	10 26	0 51
W25	0 50	0 56	5 1	3 48	0 45	6 5	0 55	18 43	1 8	2 19	1 3	20 58	1 25	23 21	0 23	20 41	0 36	12 8	17 7	22 59	23 2	23 1	10 25	0 51
T 26	1 13	4n20	4 54	4 9	0 26	6 35	0 53	18 33	1 9	2 14	1 3	20 59	1 24	23 21	0 23	20 41	0 36	12 9	17 7	23 0	23 2	23 1	10 24	0 51
F 27	1 36	9 16	4 32	4 25	0 8	7 5	0 51	18 24	1 10	2 9	1 4	20 59	1 24	23 21	0 23	20 41	0 36	12 9	17 7	23 1	23 2	23 1	10 24	0 51
S 28	2 0	13 39	3 56	4 36	0n10	7 34	0 49	18 14	1 10	2 4	1 4	21 0	1 24	23 21	0 23	20 41	0 36	12 10	17 7	23 1	23 2	23 1	10 23	0 51
S 29	2 23	17 21	3 10	4 42	0 26	8 4	0 47	18 5	1 11	1 59	1 4	21 1	1 24	23 21	0 23	20 41	0 36	12 10	17 7	23 2	23 3	23 1	10 22	0 50
M30	2s46	20n11	2s16	4n43	0n40	8s33	0n45	17n55	1n12	1n54	1n 4	21s 1	1n24	23s21	0s23	20n41	0s36	12s11	17s 7	23n 2	23n 3	23n 1	10n21	0n50

ASTRODIENST EPHEMERIS for the year 2075  
geocentric

OCTOBER 2075

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	0 39 28	7♌57'44	25♊38	20♏18	25♎6	14♏4	27♏54	13♎33	11♎2	24♏10	8♏R56	10♏R10	10♏0	15♏28	24♏R39	T 1
W 2	0 43 25	8°56'42	7♏29	21° 8	26°20	14°40	28° 7	13°37	11° 2	24°11	8♏Y55	10♏10	9°57	15°35	24♏Y36	W 2
T 3	0 47 22	9°55'42	19°17	22° 5	27°35	15°16	28°20	13°42	11° 3	24°12	8°54	10°10	9°53	15°41	24°34	T 3
F 4	0 51 18	10°54'45	1♏8	23° 9	28°49	15°52	28°32	13°46	11° 4	24°13	8°53	10° 9	9°50	15°48	24°31	F 4
S 5	0 55 15	11°53'49	13° 6	24°20	0♏3	16°28	28°45	13°50	11° 4	24°13	8°51	10° 6	9°47	15°55	24°28	S 5
S 6	0 59 11	12°52'56	25°17	25°36	1°18	17° 4	28°58	13°55	11° 5	24°14	8°50	10° 1	9°44	16° 1	24°26	S 6
M 7	1 3 8	13°52'05	7♏44	26°58	2°32	17°40	29°11	13°59	11° 6	24°15	8°49	9°53	9°41	16° 8	24°23	M 7
T 8	1 7 4	14°51'17	20°29	28°24	3°46	18°16	29°24	14° 4	11° 7	24°15	8°48	9°42	9°37	16°14	24°20	T 8
W 9	1 11 1	15°50'30	3♎35	29°54	5° 1	18°52	29°36	14° 9	11° 8	24°16	8°47	9°30	9°34	16°21	24°17	W 9
T 10	1 14 57	16°49'45	16°58	1♎27	6°15	19°27	29°49	14°14	11° 9	24°17	8°46	9°17	9°31	16°28	24°15	T 10
F 11	1 18 54	17°49'03	0♏38	3° 3	7°29	20° 3	0♎2	14°18	11°10	24°17	8°44	9° 4	9°28	16°34	24°12	F 11
S 12	1 22 51	18°48'23	14°31	4°41	8°44	20°38	0°14	14°23	11°11	24°18	8°43	8°54	9°25	16°41	24° 9	S 12
S 13	1 26 47	19°47'44	28°32	6°20	9°58	21°13	0°27	14°28	11°12	24°18	8°42	8°46	9°22	16°48	24° 6	S 13
M14	1 30 44	20°47'08	12♎38	8° 1	11°12	21°49	0°40	14°33	11°13	24°19	8°41	8°42	9°18	16°54	24° 4	M14
T 15	1 34 40	21°46'33	26°46	9°43	12°27	22°24	0°52	14°39	11°15	24°19	8°40	8°40	9°15	17° 1	24° 1	T 15
W16	1 38 37	22°46'00	10♎54	11°25	13°41	22°59	1° 5	14°44	11°16	24°20	8°39	8°D39	9°12	17° 8	23°58	W16
T 17	1 42 33	23°45'29	25° 1	13° 8	14°55	23°34	1°17	14°49	11°17	24°20	8°37	8°R39	9° 9	17°14	23°55	T 17
F 18	1 46 30	24°44'59	9♎5	14°52	16°10	24° 9	1°30	14°54	11°19	24°20	8°36	8°39	9° 6	17°21	23°53	F 18
S 19	1 50 26	25°44'31	23° 6	16°35	17°24	24°44	1°42	15° 0	11°20	24°21	8°35	8°36	9° 3	17°28	23°50	S 19
S 20	1 54 23	26°44'05	7♎3	18°18	18°38	25°18	1°54	15° 5	11°22	24°21	8°34	8°31	8°59	17°34	23°47	S 20
M21	1 58 20	27°43'41	20°53	20° 2	19°53	25°53	2° 7	15°11	11°23	24°21	8°33	8°23	8°56	17°41	23°44	M21
T 22	2 2 16	28°43'18	4♏34	21°45	21° 7	26°27	2°19	15°16	11°25	24°21	8°32	8°12	8°53	17°48	23°42	T 22
W23	2 6 13	29°42'57	18° 3	23°27	22°21	27° 2	2°31	15°22	11°26	24°21	8°31	8° 1	8°50	17°54	23°39	W23
T 24	2 10 9	0♏42'38	1♎18	25°10	23°35	27°36	2°43	15°27	11°28	24°22	8°30	7°49	8°47	18° 1	23°36	T 24
F 25	2 14 6	1°42'21	14°16	26°52	24°50	28°10	2°56	15°33	11°30	24°22	8°29	7°38	8°43	18° 7	23°33	F 25
S 26	2 18 2	2°42'07	26°57	28°33	26° 4	28°44	3° 8	15°39	11°31	24°22	8°28	7°30	8°40	18°14	23°31	S 26
S 27	2 21 59	3°41'54	9♊22	0♏14	27°18	29°18	3°20	15°45	11°33	24°22	8°27	7°23	8°37	18°21	23°28	S 27
M28	2 25 55	4°41'44	21°31	1°55	28°32	29°52	3°32	15°51	11°35	24°R22	8°26	7°20	8°34	18°27	23°25	M28
T 29	2 29 52	5°41'35	3♎29	3°35	29°47	0♏26	3°44	15°56	11°37	24°22	8°24	7°D18	8°31	18°34	23°22	T 29
W30	2 33 49	6°41'29	15°19	5°14	1♎1	1° 0	3°56	16° 2	11°39	24°22	8°23	7°19	8°28	18°41	23°20	W30
T 31	2 37 45	7♏41'25	27♏6	6♏53	2♎15	1♏33	4♎7	16♎8	11♎41	24♏22	8♏Y22	7♏19	8♏24	18♏47	23♏Y17	T 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
T 1	3s 9	22n 5	1s16	4n40	0n54	9s 2	0n43	17n45	1n12	1n49	1n 4	21s 2	1n24	23s21	0s23	20n40
W 2	3 33	22 59	0 14	4 32	1 6	9 31	0 41	17 36	1 13	1 44	1 4	21 3	1 23	23 21	0 23	20 40
T 3	3 56	22 50	0n48	4 19	1 17	10 0	0 39	17 26	1 14	1 38	1 4	21 3	1 23	23 21	0 23	20 40
F 4	4 19	21 40	1 49	4 2	1 26	10 29	0 36	17 16	1 15	1 33	1 4	21 4	1 23	23 21	0 23	20 40
S 5	4 42	19 31	2 45	3 41	1 34	10 57	0 34	17 5	1 15	1 28	1 4	21 5	1 23	23 21	0 23	20 40
S 6	5 5	16 27	3 35	3 17	1 41	11 25	0 32	16 55	1 16	1 23	1 4	21 6	1 23	23 21	0 23	20 40
M 7	5 28	12 37	4 15	2 50	1 46	11 53	0 30	16 45	1 17	1 18	1 4	21 6	1 22	23 21	0 23	20 40
T 8	5 51	8 7	4 44	2 20	1 51	12 21	0 27	16 35	1 18	1 13	1 4	21 7	1 22	23 21	0 23	20 39
W 9	6 14	3 9	4 59	1 47	1 54	12 48	0 25	16 24	1 18	1 8	1 4	21 8	1 22	23 21	0 23	20 39
T 10	6 37	2s 5	4 58	1 12	1 56	13 15	0 22	16 14	1 19	1 3	1 4	21 8	1 22	23 21	0 23	20 39
F 11	6 59	7 19	4 40	0 35	1 57	13 42	0 20	16 3	1 20	0 58	1 4	21 9	1 22	23 20	0 23	20 39
S 12	7 22	12 17	4 5	0s 3	1 58	14 8	0 17	15 53	1 21	0 53	1 4	21 10	1 22	23 20	0 23	20 39
S 13	7 44	16 39	3 15	0 43	1 57	14 34	0 15	15 42	1 21	0 48	1 5	21 11	1 21	23 20	0 23	20 39
M14	8 7	20 6	2 13	1 24	1 56	14 59	0 12	15 31	1 22	0 44	1 5	21 11	1 21	23 20	0 23	20 39
T 15	8 29	22 21	1 3	2 6	1 54	15 25	0 10	15 21	1 23	0 39	1 5	21 12	1 21	23 20	0 23	20 39
W16	8 51	23 11	0s12	2 31	1 51	15 50	0 7	15 10	1 24	0 34	1 5	21 13	1 21	23 20	0 23	20 39
T 17	9 13	22 31	1 26	3 48	1 48	16 14	0 4	14 59	1 24	0 29	1 5	21 14	1 21	23 20	0 23	20 39
F 18	9 35	20 27	2 34	4 14	1 45	16 38	0 2	14 48	1 25	0 24	1 5	21 14	1 21	23 20	0 23	20 38
S 19	9 57	17 10	3 33	4 58	1 41	17 2	0s 1	14 37	1 26	0 19	1 5	21 15	1 20	23 19	0 23	20 38
S 20	10 18	12 55	4 18	5 41	1 36	17 25	0 3	14 26	1 27	0 14	1 5	21 16	1 20	23 19	0 23	20 38
M21	10 40	8 2	4 48	6 25	1 32	17 48	0 6	14 15	1 27	0 9	1 5	21 17	1 20	23 19	0 23	20 38
T 22	11 1	2 48	5 2	7 8	1 27	18 10	0 9	14 4	1 28	0 5	1 5	21 17	1 20	23 19	0 23	20 38
W23	11 22	2n29	4 58	7 51	1 21	18 32	0 11	13 53	1 29	0s 0	1 5	21 18	1 20	23 19	0 23	20 38
T 24	11 43	7 35	4 38	8 34	1 16	18 53	0 14	13 42	1 30	0 5	1 6	21 19	1 20	23 19	0 23	20 38
F 25	12 4	12 14	4 3	9 16	1 10	19 14	0 17	13 31	1 30	0 10	1 6	21 20	1 20	23 19	0 23	20 38
S 26	12 24	16 16	3 18	9 58	1 4	19 35	0 20	13 20	1 31	0 14	1 6	21 20	1 19	23 18	0 23	20 38
S 27	12 45	19 29	2 23	10 39	0 57	19 55	0 22	13 9	1 32	0 19	1 6	21 21	1 19	23 18	0 23	20 38
M28	13 5	21 46	1 23	11 20	0 51	20 14	0 25	12 58	1 33	0 24	1 6	21 22	1 19	23 18	0 23	20 38
T 29	13 25	23 3	0 20	12 0	0 45	20 33	0 28	12 46	1 34	0 28	1 6	21 23	1 19	23 18	0 23	20 38
W30	13 45	23 16	0n43	12 40	0 38	20 51	0 30	12 35	1 34	0 33	1 6	21 23	1 19	23 18	0 23	20 38
T 31	14s 4	22n26	1n44	13s19	0n32	21s 8	0s33	12n24	1n35	0s37	1n 6	21s24	1n19	23s18	0s23	20n38

Julian Day Number = 2479211.5, Delta T = 83.09 sec  
Ecliptic obliquity = 23°25'45, Nutation = - 0°00'18, out-of-bounds declination in red  
Ayanamsha: Fagan/Bradley = 25°47'55, Lahiri = 24°54'55

ASTRODIENST EPHEMERIS for the year 2075  
geocentric

NOVEMBER 2075

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	2 41 42	8♏41'23	8♏56	8♏32	3♂29	2♂7	4♏19	16♂15	11♂43	24°R21	8°R21	7°R20	8♏21	18♏54	23°R14	F 1
S 2	2 45 38	9°41'23	20°55	10°10	4°44	2°40	4°31	16°21	11°45	24♏21	8♏20	7♏19	8°18	19°1	23♏12	S 2
S 3	2 49 35	10°41'26	3♂6	11°48	5°58	3°13	4°43	16°27	11°47	24°21	8°19	7°16	8°15	19°7	23°9	S 3
M 4	2 53 31	11°41'30	15°36	13°25	7°12	3°47	4°54	16°33	11°49	24°21	8°19	7°11	8°12	19°14	23°7	M 4
T 5	2 57 28	12°41'37	28°27	15°2	8°26	4°20	5°6	16°39	11°52	24°21	8°18	7°4	8°9	19°21	23°4	T 5
W 6	3 1 24	13°41'45	11♏41	16°38	9°40	4°53	5°17	16°46	11°54	24°20	8°17	6°56	8°5	19°27	23°1	W 6
T 7	3 5 21	14°41'56	25°20	18°14	10°55	5°25	5°29	16°52	11°56	24°20	8°16	6°47	8°2	19°34	22°59	T 7
F 8	3 9 18	15°42'08	9♏19	19°49	12°9	5°58	5°40	16°58	11°58	24°20	8°15	6°38	7°59	19°41	22°56	F 8
S 9	3 13 14	16°42'22	23°36	21°24	13°23	6°31	5°51	17°5	12°1	24°19	8°14	6°30	7°56	19°47	22°54	S 9
S 10	3 17 11	17°42'38	8♂3	22°59	14°37	7°3	6°2	17°11	12°3	24°19	8°13	6°25	7°53	19°54	22°51	S 10
M 11	3 21 7	18°42'56	22°36	24°33	15°51	7°35	6°14	17°18	12°6	24°18	8°12	6°22	7°49	20°0	22°49	M 11
T 12	3 25 4	19°43'16	7♂8	26°7	17°5	8°7	6°25	17°24	12°8	24°18	8°11	6°D21	7°46	20°7	22°47	T 12
W 13	3 29 0	20°43'36	21°35	27°41	18°20	8°39	6°36	17°31	12°11	24°17	8°11	6°22	7°43	20°14	22°44	W 13
T 14	3 32 57	21°43'59	5♏52	29°14	19°34	9°11	6°46	17°37	12°13	24°17	8°10	6°23	7°40	20°20	22°42	T 14
F 15	3 36 53	22°44'22	19°59	0♂48	20°48	9°43	6°57	17°44	12°16	24°16	8°9	6°R24	7°37	20°27	22°40	F 15
S 16	3 40 50	23°44'47	3♂53	2°20	22°2	10°15	7°8	17°51	12°19	24°15	8°8	6°24	7°34	20°34	22°37	S 16
S 17	3 44 47	24°45'13	17°35	3°53	23°16	10°46	7°19	17°57	12°21	24°15	8°7	6°21	7°30	20°40	22°35	S 17
M 18	3 48 43	25°45'40	1♂5	5°25	24°30	11°17	7°29	18°4	12°24	24°14	8°7	6°17	7°27	20°47	22°33	M 18
T 19	3 52 40	26°46'09	14°22	6°57	25°44	11°49	7°40	18°11	12°27	24°13	8°6	6°11	7°24	20°54	22°31	T 19
W 20	3 56 36	27°46'39	27°26	8°29	26°58	12°20	7°50	18°18	12°29	24°13	8°5	6°5	7°21	21°0	22°29	W 20
T 21	4 0 33	28°47'10	10♂18	10°1	28°12	12°50	8°0	18°24	12°32	24°12	8°5	5°58	7°18	21°7	22°26	T 21
F 22	4 4 29	29°47'43	22°56	11°32	29°26	13°21	8°11	18°31	12°35	24°11	8°4	5°52	7°14	21°14	22°24	F 22
S 23	4 8 26	0♂48'18	5♏22	13°3	0♂40	13°52	8°21	18°38	12°38	24°10	8°3	5°47	7°11	21°20	22°22	S 23
S 24	4 12 22	1°48'54	17°35	14°34	1°54	14°22	8°31	18°45	12°41	24°9	8°3	5°43	7°8	21°27	22°20	S 24
M 25	4 16 19	2°49'31	29°38	16°4	3°8	14°52	8°41	18°52	12°44	24°8	8°2	5°42	7°5	21°34	22°18	M 25
T 26	4 20 16	3°50'10	11♏32	17°34	4°22	15°22	8°51	18°59	12°47	24°7	8°1	5°D42	7°2	21°40	22°16	T 26
W 27	4 24 12	4°50'50	23°21	19°4	5°36	15°52	9°0	19°6	12°50	24°7	8°1	5°43	6°59	21°47	22°15	W 27
T 28	4 28 9	5°51'32	5♏8	20°34	6°50	16°22	9°10	19°13	12°53	24°6	8°0	5°44	6°55	21°53	22°13	T 28
F 29	4 32 5	6°52'16	16°58	22°3	8°4	16°52	9°20	19°20	12°56	24°5	8°0	5°46	6°52	22°0	22°11	F 29
S 30	4 36 2	7♂53'01	28♏54	23♂32	9♂18	17♂21	9♏29	19♂27	12♂59	24♏3	7♏59	5♏48	6♏49	22♏7	22♏9	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	decl	lat
F 1	14s23	20n36	2n41	13s57	0n25	21s26	0s36	12n13	1n36	0s42	1n 6	21s25	1n19	23s17	0s23	20n38	0s37	12s22	17s 5	23n14	23n10	23n 2	9n46	0n48			
S 2	14 43	17 52	3 32	14 34	0 18	21 42	0 38	12 1	1 37	0 47	1 7	21 26	1 18	23 17	0 23	20 38	0 37	12 22	17 4	23 14	23 10	23 2	9 45	0 48			
S 3	15 1	14 18	4 14	15 11	0 11	21 58	0 41	11 50	1 38	0 51	1 7	21 26	1 18	23 17	0 23	20 38	0 37	12 23	17 4	23 14	23 10	23 2	9 44	0 48			
M 4	15 20	10 3	4 45	15 47	0 5	22 13	0 44	11 39	1 38	0 56	1 7	21 27	1 18	23 17	0 23	20 38	0 37	12 23	17 4	23 14	23 11	23 2	9 43	0 48			
T 5	15 38	5 15	5 3	16 22	0s 2	22 28	0 46	11 28	1 39	1 0	1 7	21 28	1 18	23 17	0 23	20 38	0 37	12 23	17 4	23 14	23 11	23 2	9 42	0 48			
W 6	15 57	0 4	5 5	16 57	0 9	22 42	0 49	11 16	1 40	1 4	1 7	21 29	1 18	23 16	0 23	20 38	0 37	12 23	17 4	23 15	23 11	23 2	9 41	0 48			
T 7	16 14	5s17	4 51	17 30	0 16	22 55	0 51	11 5	1 41	1 9	1 7	21 29	1 18	23 16	0 23	20 38	0 37	12 23	17 3	23 15	23 11	23 1	9 40	0 47			
F 8	16 32	10 30	4 19	18 2	0 22	23 8	0 54	10 54	1 42	1 13	1 7	21 30	1 18	23 16	0 23	20 38	0 37	12 23	17 3	23 16	23 11	23 1	9 39	0 47			
S 9	16 49	15 17	3 30	18 34	0 29	23 20	0 56	10 42	1 43	1 18	1 7	21 31	1 18	23 16	0 23	20 38	0 37	12 24	17 3	23 16	23 12	23 1	9 38	0 47			
S 10	17 6	19 14	2 27	19 5	0 35	23 31	0 59	10 31	1 43	1 22	1 8	21 32	1 17	23 15	0 23	20 38	0 37	12 24	17 3	23 16	23 12	23 1	9 37	0 47			
M11	17 23	22 0	1 14	19 35	0 42	23 42	1 1	10 20	1 44	1 26	1 8	21 32	1 17	23 15	0 23	20 39	0 37	12 24	17 3	23 17	23 12	23 1	9 36	0 47			
T 12	17 39	23 18	0s 4	20 3	0 48	23 52	1 4	10 9	1 45	1 30	1 8	21 33	1 17	23 15	0 23	20 39	0 37	12 24	17 2	23 17	23 12	23 1	9 35	0 47			
W13	17 56	23 2	1 22	20 31	0 55	24 1	1 6	9 57	1 46	1 35	1 8	21 34	1 17	23 15	0 23	20 39	0 37	12 24	17 2	23 17	23 12	23 1	9 34	0 47			
T 14	18 11	21 16	2 33	20 58	1 1	24 9	1 9	9 46	1 47	1 39	1 8	21 34	1 17	23 15	0 23	20 39	0 37	12 24	17 2	23 17	23 12	23 1	9 33	0 47			
F 15	18 27	18 12	3 34	21 24	1 7	24 17	1 11	9 35	1 48	1 43	1 8	21 35	1 17	23 14	0 23	20 39	0 37	12 24	17 2	23 16	23 13	23 0	9 32	0 47			
S 16	18 42	14 9	4 22	21 48	1 13	24 24	1 13	9 24	1 48	1 47	1 8	21 36	1 17	23 14	0 23	20 39	0 37	12 24	17 1	23 16	23 13	23 0	9 31	0 47			
S 17	18 57	9 25	4 54	22 12	1 18	24 31	1 16	9 13	1 49	1 51	1 9	21 37	1 17	23 14	0 23	20 39	0 37	12 24	17 1	23 17	23 13	23 0	9 30	0 47			
M18	19 11	4 18	5 9	22 35	1 24	24 37	1 18	9 2	1 50	1 55	1 9	21 37	1 17	23 14	0 23	20 39	0 37	12 24	17 1	23 17	23 13	23 0	9 29	0 46			
T 19	19 26	0n56	5 7	22 56	1 30	24 41	1 20	8 51	1 51	1 59	1 9	21 38	1 17	23 13	0 23	20 39	0 37	12 24	17 0	23 17	23 13	23 0	9 28	0 46			
W20	19 39	6 3	4 49	23 16	1 35	24 46	1 22	8 39	1 52	2 3	1 9	21 39	1 16	23 13	0 23	20 39	0 37	12 24	17 0	23 17	23 14	23 0	9 27	0 46			
T 21	19 53	10 50	4 17	23 35	1 40	24 49	1 24	8 28	1 53	2 7	1 9	21 39	1 16	23 13	0 23	20 40	0 37	12 24	17 0	23 18	23 14	22 59	9 27	0 46			
F 22	20 6	15 5	3 32	23 53	1 45	24 52	1 26	8 17	1 54	2 11	1 9	21 40	1 16	23 12	0 22	20 40	0 37	12 24	17 0	23 18	23 14	22 59	9 26	0 46			
S 23	20 19	18 36	2 38	24 10	1 49	24 54	1 28	8 7	1 55	2 15	1 10	21 41	1 16	23 12	0 22	20 40	0 37	12 24	16 59	23 18	23 14	22 59	9 25	0 46			
S 24	20 31	21 14	1 37	24 25	1 54	24 55	1 30	7 56	1 56	2 18	1 10	21 41	1 16	23 12	0 22	20 40	0 37	12 24	16 59	23 18	23 14	22 59	9 24	0 46			
M25	20 43	22 53	0 33	24 40	1 58	24 55	1 32	7 45	1 56	2 22	1 10	21 42	1 16	23 12	0 22	20 40	0 37	12 24	16 59	23 18	23 14	22 59	9 23	0 46			
T 26	20 54	23 28	0n32	24 52	2 2	24 55	1 34	7 34	1 57	2 26	1 10	21 43	1 16	23 11	0 22	20 40	0 37	12 24	16 58	23 18	23 15	22 58	9 22	0 46			
W27	21 6	22 59	1 35	25 4	2 6	24 54	1 36	7 23	1 58	2 30	1 10	21 43	1 16	23 11	0 22	20 40	0 37	12 24	16 58	23 18	23 15	22 58	9 22	0 46			
T 28	21 16	21 29	2 35	25 14	2 9	24 52	1 37	7 12	1 59	2 33	1 10	21 44	1 16	23 11	0 22	20 41	0 37	12 24	16 58	23 18	23 15	22 58	9 21	0 45			
F 29	21 27	19 3	3 28	25 23	2 12	24 50	1 39	7 2	2 0	2 37	1 11	21 45	1 16	23 10	0 22	20 41	0 37	12 24	16 57	23 18	23 15	22 58	9 20	0 45			
S 30	21s37	15n47	4n12	25s31	2s15	24s47	1s41	6n51	2n 1	2s40	1n11	21s45	1n16	23s10	0s22	20n41	0s37	12s24	16s57	23n18	23n15	22n57	9n19	0n45			

## ASTRODIENST EPHEMERIS for the year 2075

geocentric

DECEMBER 2075

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	4 39 58	8°53'47	11°44' 4	25°00' 0	10°33' 1	17°45' 0	9°48' 3	19°41' 4	13°05' 2	24°02' 2	7°05' 9	5°04' 8	6°04' 6	22°13' 3	22°07' 7	S 1
M 2	4 43 55	9°54'35	23°30' 0	26°28' 0	11°45' 0	18°19' 0	9°48' 3	19°41' 4	13°05' 2	24°02' 2	7°05' 9	5°04' 8	6°04' 6	22°13' 3	22°07' 7	M 2
T 3	4 47 51	10°55'25	6°18' 0	27°55' 0	12°59' 0	18°48' 0	9°57' 6	19°48' 4	13°08' 0	24°00' 0	7°58' 5	5°45' 4	6°40' 0	22°27' 0	22°04' 4	T 3
W 4	4 51 48	11°56'15	19°31' 0	29°22' 0	14°13' 0	19°17' 0	10°06' 0	19°55' 0	13°11' 0	23°59' 0	7°57' 5	5°42' 0	6°36' 0	22°33' 0	22°03' 3	W 4
T 5	4 55 45	12°57'08	3°11' 0	0°34' 7	15°27' 0	19°45' 0	10°15' 0	20°02' 0	13°15' 0	23°58' 0	7°57' 5	5°39' 0	6°33' 0	22°40' 0	22°01' 1	T 5
F 6	4 59 41	13°58'01	17°17' 0	2°12' 0	16°40' 0	20°13' 0	10°23' 0	20°09' 0	13°18' 0	23°57' 0	7°57' 5	5°35' 0	6°30' 0	22°47' 0	22°00' 0	F 6
S 7	5 3 38	14°58'56	1°46' 0	3°36' 0	17°54' 0	20°41' 0	10°32' 0	20°16' 0	13°21' 0	23°55' 0	7°56' 5	5°33' 0	6°27' 0	22°53' 0	21°58' 8	S 7
S 8	5 7 34	15°59'52	16°32' 0	4°58' 0	19°08' 0	21°09' 0	10°41' 0	20°23' 0	13°24' 0	23°54' 0	7°56' 5	5°31' 0	6°24' 0	23°00' 0	21°57' 8	S 8
M 9	5 11 31	17°0'49	1°38' 0	6°19' 0	20°22' 0	21°37' 0	10°49' 0	20°30' 0	13°28' 0	23°53' 0	7°56' 5	5°30' 0	6°20' 0	23°00' 0	21°56' 8	M 9
T 10	5 15 27	18°1'47	16°27' 0	7°38' 0	21°35' 0	22°04' 0	10°57' 0	20°37' 0	13°31' 0	23°52' 0	7°55' 5	5°30' 0	6°17' 0	23°13' 0	21°54' 8	T 10
W 11	5 19 24	19°2'46	1°18' 0	8°55' 0	22°49' 0	22°31' 0	11°05' 0	20°44' 0	13°34' 0	23°50' 0	7°55' 5	5°31' 0	6°14' 0	23°20' 0	21°53' 8	W 11
T 12	5 23 20	20°3'45	15°57' 0	10°10' 0	24°03' 0	22°58' 0	11°13' 0	20°51' 0	13°38' 0	23°49' 0	7°55' 5	5°32' 0	6°11' 0	23°27' 0	21°52' 8	T 12
F 13	5 27 17	21°4'45	0°19' 0	11°22' 0	25°16' 0	23°25' 0	11°21' 0	20°58' 0	13°41' 0	23°48' 0	7°55' 5	5°33' 0	6°08' 0	23°33' 0	21°51' 8	F 13
S 14	5 31 14	22°5'45	14°20' 0	12°31' 0	26°30' 0	23°51' 0	11°29' 0	21°05' 0	13°44' 0	23°46' 0	7°54' 5	5°34' 0	6°05' 0	23°40' 0	21°50' 8	S 14
S 15	5 35 10	23°6'46	28°01' 0	13°36' 0	27°43' 0	24°18' 0	11°37' 0	21°12' 0	13°48' 0	23°45' 0	7°54' 5	5°34' 0	6°01' 0	23°47' 0	21°49' 8	S 15
M 16	5 39 07	24°7'48	11°21' 0	14°37' 0	28°57' 0	24°44' 0	11°44' 0	21°20' 0	13°51' 0	23°43' 0	7°54' 5	5°34' 0	5°58' 0	23°53' 0	21°48' 8	M 16
T 17	5 43 03	25°8'49	24°24' 0	15°33' 0	0°10' 0	25°09' 0	11°52' 0	21°27' 0	13°55' 0	23°42' 0	7°54' 5	5°33' 0	5°55' 0	24°00' 0	21°47' 8	T 17
W 18	5 47 00	26°9'52	7°10' 0	16°23' 0	1°23' 0	25°35' 0	11°59' 0	21°34' 0	13°58' 0	23°41' 0	7°54' 5	5°31' 0	5°52' 0	24°00' 0	21°46' 8	W 18
T 19	5 50 56	27°10'54	19°42' 0	17°08' 0	2°37' 0	26°00' 0	12°06' 0	21°41' 0	14°01' 0	23°39' 0	7°54' 5	5°30' 0	5°49' 0	24°13' 0	21°45' 8	T 19
F 20	5 54 53	28°11'57	2°11' 0	17°44' 0	3°50' 0	26°25' 0	12°13' 0	21°48' 0	14°05' 0	23°38' 0	7°54' 5	5°29' 0	5°46' 0	24°20' 0	21°44' 8	F 20
S 21	5 58 49	29°13'01	14°12' 0	18°13' 0	5°03' 0	26°50' 0	12°20' 0	21°55' 0	14°08' 0	23°36' 0	7°54' 5	5°28' 0	5°42' 0	24°26' 0	21°44' 8	S 21
S 22	6 2 46	0°14'05	26°13' 0	18°33' 0	6°16' 0	27°14' 0	12°27' 0	22°02' 0	14°12' 0	23°35' 0	7°54' 5	5°28' 0	5°39' 0	24°33' 0	21°43' 8	S 22
M 23	6 6 43	1°15'10	8°08' 0	18°43' 0	7°30' 0	27°38' 0	12°33' 0	22°09' 0	14°15' 0	23°33' 0	7°54' 5	5°28' 0	5°36' 0	24°40' 0	21°42' 8	M 23
T 24	6 10 39	2°16'15	19°59' 0	18°43' 0	8°43' 0	28°02' 0	12°39' 0	22°16' 0	14°19' 0	23°32' 0	7°54' 5	5°28' 0	5°33' 0	24°46' 0	21°42' 8	T 24
W 25	6 14 36	3°17'21	1°47' 0	18°31' 0	9°56' 0	28°25' 0	12°46' 0	22°23' 0	14°23' 0	23°30' 0	7°54' 5	5°28' 0	5°30' 0	24°53' 0	21°41' 8	W 25
T 26	6 18 32	4°18'27	13°35' 0	18°07' 0	11°09' 0	28°49' 0	12°52' 0	22°30' 0	14°26' 0	23°28' 0	7°54' 5	5°28' 0	5°26' 0	25°00' 0	21°41' 8	T 26
F 27	6 22 29	5°19'34	25°26' 0	17°32' 0	12°22' 0	29°12' 0	12°58' 0	22°37' 0	14°30' 0	23°27' 0	7°54' 5	5°28' 0	5°23' 0	25°06' 0	21°41' 8	F 27
S 28	6 26 25	6°20'41	7°10' 0	16°45' 0	13°35' 0	29°34' 0	13°04' 0	22°44' 0	14°33' 0	23°25' 0	7°54' 5	5°28' 0	5°20' 0	25°13' 0	21°40' 8	S 28
S 29	6 30 22	7°21'49	19°33' 0	15°48' 0	14°48' 0	29°56' 0	13°09' 0	22°51' 0	14°37' 0	23°24' 0	7°54' 5	5°28' 0	5°17' 0	25°20' 0	21°40' 8	S 29
M 30	6 34 19	8°22'57	1°56' 0	14°41' 0	16°00' 0	0°18' 0	13°15' 0	22°58' 0	14°40' 0	23°22' 0	7°54' 5	5°28' 0	5°14' 0	25°26' 0	21°40' 8	M 30
T 31	6 38 15	9°24'06	14°38' 0	13°27' 0	17°13' 0	0°40' 0	13°20' 0	23°15' 0	14°44' 0	23°20' 0	7°54' 5	5°28' 0	5°11' 0	25°33' 0	21°40' 8	T 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
S 1	21s46	11n49	4n46	25s37	2s17	24s43	1s42	6n41	2n 2	2s44	1n11	21s46	1n15	23s10	0s22	20n41	0s37	12s24	16s57	23n18	23n15	22n57	9n19	0n45	
M 2	21 56	7 17	5 8	25 42	2 19	24 38	1 44	6 30	2 3	2 47	1 11	21 47	1 15	23 10	0 22	20 41	0 37	12 24	16 57	23 18	23 16	22 57	9 18	0 45	
T 3	22 4	2 19	5 15	25 45	2 21	24 32	1 45	6 20	2 4	2 51	1 11	21 47	1 15	23 9	0 22	20 42	0 37	12 24	16 56	23 18	23 16	22 57	9 17	0 45	
W 4	22 13	2s55	5 6	25 48	2 22	24 26	1 46	6 9	2 5	2 54	1 12	21 48	1 15	23 9	0 22	20 42	0 37	12 23	16 56	23 18	23 16	22 56	9 16	0 45	
T 5	22 21	8 11	4 40	25 48	2 23	24 19	1 48	5 59	2 6	2 57	1 12	21 48	1 15	23 9	0 22	20 42	0 37	12 23	16 56	23 19	23 16	22 56	9 16	0 45	
F 6	22 28	13 13	3 56	25 47	2 23	24 11	1 49	5 49	2 7	3 1	1 12	21 49	1 15	23 8	0 22	20 42	0 37	12 23	16 55	23 19	23 16	22 56	9 15	0 45	
S 7	22 35	17 38	2 56	25 45	2 22	24 3	1 50	5 39	2 8	3 4	1 12	21 50	1 15	23 8	0 22	20 42	0 37	12 23	16 55	23 19	23 16	22 56	9 15	0 44	
S 8	22 42	21 2	1 43	25 41	2 21	23 54	1 51	5 29	2 9	3 7	1 12	21 50	1 15	23 8	0 22	20 43	0 37	12 23	16 55	23 19	23 16	22 55	9 14	0 44	
M 9	22 48	23 3	0 22	25 36	2 20	23 44	1 52	5 19	2 10	3 10	1 13	21 51	1 15	23 7	0 22	20 43	0 37	12 23	16 54	23 19	23 17	22 55	9 13	0 44	
T 10	22 53	23 25	1s 0	25 30	2 18	23 33	1 53	5 9	2 11	3 13	1 13	21 51	1 15	23 7	0 22	20 43	0 37	12 22	16 54	23 19	23 17	22 55	9 13	0 44	
W 11	22 59	22 6	2 18	25 22	2 15	23 22	1 54	4 59	2 12	3 16	1 13	21 52	1 15	23 7	0 22	20 43	0 37	12 22	16 54	23 19	23 17	22 54	9 12	0 44	
T 12	23 3	19 19	3 26	25 13	2 11	23 10	1 54	4 49	2 13	3 19	1 13	21 52	1 15	23 6	0 22	20 43	0 37	12 22	16 53	23 19	23 17	22 54	9 12	0 44	
F 13	23 8	15 24	4 19	25 3	2 6	22 58	1 55	4 40	2 14	3 22	1 13	21 53	1 15	23 6	0 22	20 44	0 37	12 22	16 53	23 19	23 17	22 54	9 11	0 44	
S 14	23 12	10 42	4 56	24 51	2 1	22 44	1 56	4 30	2 15	3 25	1 14	21 53	1 15	23 6	0 22	20 44	0 37	12 21	16 52	23 19	23 17	22 54	9 11	0 44	
S 15	23 15	5 36	5 14	24 38	1 55	22 30	1 56	4 21	2 16	3 28	1 14	21 54	1 14	23 5	0 22	20 44	0 37	12 21	16 52	23 19	23 18	22 53	9 10	0 44	
M 16	23 18	0 21	5 16	24 24	1 47	22 16	1 57	4 11	2 17	3 30	1 14	21 54	1 14	23 5	0 22	20 44	0 37	12 21	16 52	23 19	23 18	22 53	9 10	0 43	
T 17	23 20	4n48	5 0	24 10	1 39	22 1	1 57	4 2	2 18	3 33	1 14	21 55	1 14	23 5	0 22	20 45	0 37	12 21	16 51	23 19	23 18	22 53	9 9	0 43	
W 18	23 22	9 38	4 30	23 54	1 30	21 45	1 57	3 53	2 19	3 36	1 14	21 55	1 14	23 4	0 22	20 45	0 37	12 20	16 51	23 19	23 18	22 52	9 9	0 43	
T 19	23 24	14 0	3 48	23 38	1 19	21 28	1 57	3 44	2 20	3 38	1 15	21 56	1 14	23 4	0 22	20 45	0 37	12 20	16 51	23 19	23 18	22 52	9 8	0 43	
F 20	23 25	17 42	2 55	23 22	1 7	21 11	1 58	3 35	2 21	3 41	1 15	21 56	1 14	23 3	0 22	20 45	0 37	12 20	16 50	23 19	23 18	22 51	9 8	0 43	
S 21	23 26	20 35	1 55	23 5	0 54	20 54	1 58	3 26	2 22	3 43	1 15	21 57	1 14	23 3	0 22	20 46	0 37	12 19	16 50	23 19	23 18	22 51	9 8	0 43	
S 22	23 26	22 31	0 51	22 48	0 40	20 35	1 57	3 17	2 23	3 45	1 15	21 57	1 14	23 3	0 22	20 46	0 37	12 19	16 50	23 19	23 18	22 51	9 7	0 43	
M 23	23 25	23 26	0n15	22 31	0 24	20 17	1 57	3 9	2 24	3 48	1 16	21 58	1 14	23 2	0 22	20 46	0 37	12 19	16 49	23 19	23 19	22 50	9 7	0 43	
T 24	23 25	23 16	1 20	22 14	0 7	19 57	1 57	3 0	2 25	3 50	1 16	21 58	1 14	23 2	0 22	20 46	0 37	12 18	16 49	23 19	23 19	22 50	9 7	0 43	
W 25	23 23	22 3	2 21	21 58	0n11	19 37	1 57	2 52	2 27	3 52	1 16	21 59	1 14	23 2	0 22	20 47	0 37	12 18	16 49	23 19	23 19	22 50	9 6	0 42	
T 26	23 22	19 53	3 17	21 43	0 30	19 17	1 56	2 44	2 28	3 54	1 16	21 59	1 14	23 1	0 22	20 47	0 37	12 18	16 48	23 19	23 19	22 49	9 6	0 42	
F 27	23 19	16 52	4 4	21 28	0 49	18 56	1 56	2 36	2 29	3 57	1 16	22 0	1 14	23 1	0 22	20 47	0 37	12 17	16 48	23 19	23 19	22 49	9 6	0 42	
S 28	23 17	13 8	4 41	21 15	1 9	18 35	1 55	2 28	2 30	3 59	1 17	22 0	1 14	23 0	0 22	20 48	0 37	12 17	16 47	23 19	23 19	22 48	9 6	0 42	
S 29	23 13	8 49	5 6	21 2	1 28	18 13	1 54	2 20	2 31	4 1	1 17	22 0	1 14	23 0	0 22	20 48	0 37	12 17	16 47	23 19	23 19	22 48	9 6	0 42	
M 30	23 10	4 5	5 17	20 50	1 47	17 50	1 53	2 12	2 32	4 2	1 17	22 1	1 14	23 0	0 22	20 48	0 37	12 16	16 47	23 19	23 20	22 48	9 5	0 42	
T 31	23s 6	0s56	5n14	20s40	2n 6	17s27	1s52	2n 5	2n33	4s 4	1n17	22s 1	1n14	22s59	0s23	20n48	0s37	12s16	16s46	23n19	23n20	22n47	9n 5	0n42	