



Astrodienst Ephemeris Tables for the year 1479

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 1479

geocentric

JANUARY 1479 JC

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	7 16 6	19°32'35	13°V22	2°3	27°58	1°24	21°R 0	17°R58	1°1	0°29	1°R25	0°43	1°16	4°55	8°56	F 1
S 2	7 20 3	20°33'41	26° 6	3°35	29°13	2°10	20°59	17°57	1° 4	0°30	1°25	0°R43	1°13	5° 2	8°58	S 2
S 3	7 23 59	21°34'46	9°15	5° 3	0°28	2°57	20°58	17°55	1° 6	0°32	1°25	0°43	1°10	5° 8	9° 1	S 3
M 4	7 27 56	22°35'50	22°50	6°33	1°43	3°43	20°58	17°54	1° 9	0°34	1°24	0°42	1° 7	5°15	9° 4	M 4
T 5	7 31 52	23°36'53	6°II53	8° 3	2°58	4°30	20°57	17°52	1°12	0°35	1°24	0°41	1° 4	5°22	9° 7	T 5
W 6	7 35 49	24°37'56	21°23	9°33	4°13	5°16	20°57	17°50	1°14	0°37	1°24	0°40	1° 0	5°28	9°10	W 6
T 7	7 39 45	25°38'57	6°15	11° 5	5°28	6° 2	20°D57	17°48	1°17	0°38	1°23	0°40	0°57	5°35	9°13	T 7
F 8	7 43 42	26°39'58	21°22	12°37	6°43	6°49	20°57	17°46	1°19	0°40	1°23	0°39	0°54	5°42	9°16	F 8
S 9	7 47 39	27°40'58	6°136	14° 9	7°58	7°35	20°58	17°44	1°22	0°41	1°22	0°D39	0°51	5°48	9°19	S 9
S 10	7 51 35	28°41'56	21°47	15°42	9°13	8°21	20°58	17°42	1°24	0°42	1°22	0°39	0°48	5°55	9°22	S 10
M 11	7 55 32	29°42'54	6°145	17°16	10°28	9° 8	20°59	17°40	1°27	0°44	1°21	0°40	0°45	6° 1	9°25	M 11
T 12	7 59 28	0°43'51	21°23	18°51	11°43	9°54	21° 0	17°37	1°29	0°45	1°21	0°R40	0°41	6° 8	9°28	T 12
W 13	8 3 25	1°44'48	5°137	20°26	12°58	10°40	21° 1	17°35	1°31	0°47	1°20	0°39	0°38	6°15	9°31	W 13
T 14	8 7 21	2°45'43	19°24	22° 1	14°13	11°26	21° 3	17°32	1°33	0°48	1°19	0°39	0°35	6°21	9°35	T 14
F 15	8 11 18	3°46'38	2°146	23°38	15°28	12°12	21° 4	17°29	1°36	0°49	1°19	0°D39	0°32	6°28	9°38	F 15
S 16	8 15 14	4°47'33	15°43	25°15	16°43	12°59	21° 6	17°27	1°38	0°50	1°18	0°39	0°29	6°35	9°41	S 16
S 17	8 19 11	5°48'26	28°20	26°53	17°58	13°45	21° 8	17°24	1°40	0°52	1°17	0°40	0°25	6°41	9°44	S 17
M 18	8 23 8	6°49'19	10°140	28°31	19°13	14°31	21°10	17°21	1°42	0°53	1°17	0°40	0°22	6°48	9°48	M 18
T 19	8 27 4	7°50'10	22°47	0°11	20°28	15°17	21°13	17°18	1°44	0°54	1°16	0°41	0°19	6°55	9°51	T 19
W 20	8 31 1	8°51'01	4°345	1°51	21°43	16° 3	21°15	17°15	1°46	0°55	1°15	0°42	0°16	7° 1	9°54	W 20
T 21	8 34 57	9°51'50	16°36	3°32	22°58	16°49	21°18	17°11	1°48	0°56	1°14	0°43	0°13	7° 8	9°58	T 21
F 22	8 38 54	10°52'39	28°24	5°13	24°13	17°35	21°21	17° 8	1°50	0°57	1°13	0°R43	0°10	7°15	10° 1	F 22
S 23	8 42 50	11°53'26	10°11	6°56	25°28	18°21	21°24	17° 5	1°52	0°58	1°12	0°43	0° 6	7°21	10° 5	S 23
S 24	8 46 47	12°54'11	21°59	8°39	26°43	19° 7	21°28	17° 1	1°53	0°59	1°11	0°42	0° 3	7°28	10° 8	S 24
M 25	8 50 43	13°54'56	3°151	10°23	27°58	19°53	21°31	16°58	1°55	1° 0	1°10	0°40	0° 0	7°34	10°12	M 25
T 26	8 54 40	14°55'39	15°48	12° 8	29°13	20°38	21°35	16°54	1°57	1° 1	1° 9	0°38	29°57	7°41	10°15	T 26
W 27	8 58 37	15°56'20	27°52	13°54	0°28	21°24	21°39	16°50	1°58	1° 2	1° 8	0°36	29°54	7°48	10°19	W 27
T 28	9 2 33	16°56'59	10°V 7	15°40	1°43	22°10	21°43	16°47	2° 0	1° 3	1° 7	0°33	29°51	7°54	10°22	T 28
F 29	9 6 30	17°57'37	22°34	17°27	2°58	22°56	21°47	16°43	2° 2	1° 4	1° 6	0°31	29°47	8° 1	10°26	F 29
S 30	9 10 26	18°58'14	5°18	19°15	4°13	23°41	21°52	16°39	2° 3	1° 5	1° 5	0°30	29°44	8° 8	10°29	S 30
S 31	9 14 23	19°58'48	18°121	21° 4	5°28	24°127	21°57	16°35	2° 5	1° 5	1° 4	0°D29	29°41	8°14	10°33	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	22s 5	0n38	5s 3	23s56	0s27	23s 6	0n23	11s54	0s57	17n14	0s51	6n45	2n 9	20s16	0n10	18s42	1n38	14n53	16n53	20n 3	19n56	19s24	3s54	4n41	
S 2	21 56	5 11	5 17	24 1	0 34	23 10	0 20	11 36	0 56	17 14	0 51	6 46	2 9	20 16	0 10	18 43	1 38	14 54	16 53	20 3	19 57	19 24	3 53	4 41	
S 3	21 46	9 39	5 14	24 5	0 41	23 13	0 18	11 19	0 56	17 14	0 51	6 46	2 10	20 17	0 10	18 43	1 38	14 54	16 54	20 3	19 57	19 23	3 52	4 41	
M 4	21 36	13 47	4 55	24 8	0 47	23 15	0 15	11 1	0 55	17 14	0 50	6 47	2 10	20 17	0 10	18 43	1 38	14 55	16 55	20 3	19 58	19 22	3 51	4 41	
T 5	21 26	17 18	4 17	24 9	0 54	23 16	0 12	10 44	0 54	17 14	0 50	6 48	2 10	20 18	0 10	18 43	1 38	14 55	16 55	20 4	19 59	19 21	3 50	4 40	
W 6	21 15	19 52	3 22	24 9	1 0	23 16	0 10	10 26	0 53	17 14	0 50	6 49	2 10	20 18	0 10	18 44	1 39	14 56	16 56	20 4	19 59	19 21	3 50	4 40	
T 7	21 4	21 10	2 12	24 8	1 6	23 16	0 7	10 8	0 53	17 15	0 50	6 50	2 11	20 19	0 10	18 44	1 39	14 57	16 56	20 4	20 0	19 20	3 49	4 40	
F 8	20 53	20 57	0 51	24 6	1 12	23 15	0 5	9 50	0 52	17 15	0 49	6 51	2 11	20 19	0 10	18 44	1 39	14 57	16 57	20 4	20 1	19 19	3 48	4 40	
S 9	20 41	19 12	0n33	24 2	1 17	23 14	0 2	9 32	0 51	17 15	0 49	6 52	2 11	20 20	0 10	18 45	1 39	14 58	16 57	20 4	20 1	19 18	3 47	4 40	
S 10	20 29	16 6	1 55	23 56	1 22	23 12	0s 1	9 14	0 51	17 16	0 49	6 53	2 11	20 20	0 10	18 45	1 39	14 59	16 58	20 4	20 2	19 18	3 46	4 39	
M 11	20 16	11 58	3 8	23 50	1 27	23 9	0 3	8 56	0 50	17 16	0 49	6 55	2 12	20 21	0 10	18 45	1 39	15 0	16 58	20 4	20 3	19 17	3 45	4 39	
T 12	20 3	7 12	4 7	23 42	1 32	23 5	0 6	8 38	0 49	17 17	0 48	6 56	2 12	20 21	0 10	18 45	1 39	15 0	16 59	20 4	20 4	19 16	3 44	4 39	
W 13	19 50	2 10	4 48	23 32	1 36	23 1	0 8	8 20	0 48	17 17	0 48	6 57	2 12	20 22	0 10	18 45	1 39	15 1	16 59	20 4	20 4	19 15	3 43	4 39	
T 14	19 36	2s48	5 12	23 21	1 41	22 55	0 11	8 2	0 48	17 18	0 48	6 58	2 12	20 22	0 10	18 46	1 39	15 2	17 0	20 4	20 5	19 14	3 42	4 38	
F 15	19 22	7 29	5 18	23 9	1 44	22 50	0 13	7 43	0 47	17 19	0 48	6 59	2 13	20 23	0 10	18 46	1 39	15 2	17 0	20 4	20 6	19 13	3 41	4 38	
S 16	19 7	11 41	5 7	22 55	1 48	22 43	0 16	7 25	0 46	17 19	0 47	7 1	2 13	20 23	0 10	18 46	1 39	15 3	17 1	20 4	20 6	19 13	3 40	4 38	
S 17	18 52	15 15	4 42	22 39	1 51	22 36	0 18	7 7	0 45	17 20	0 47	7 2	2 13	20 24	0 10	18 46	1 39	15 4	17 2	20 4	20 7	19 12	3 39	4 38	
M 18	18 37	18 5	4 4	22 23	1 54	22 28	0 21	6 48	0 45	17 21	0 47	7 3	2 13	20 24	0 10	18 47	1 39	15 5	17 2	20 4	20 8	19 11	3 38	4 38	
T 19	18 22	20 3	3 16	22 4	1 57	22 19	0 23	6 29	0 44	17 22	0 46	7 5	2 14	20 24	0 10	18 47	1 39	15 5	17 3	20 4	20 8	19 10	3 37	4 37	
W 20	18 6	21 6	2 19	21 44	1 59	22 10	0 26	6 11	0 43	17 23	0 46	7 6	2 14	20 25	0 10	18 47	1 39	15 6	17 3	20 3	20 9	19 9	3 36	4 37	
T 21	17 50	21 11	1 18	21 23	2 1	22 0	0 28	5 52	0 42	17 24	0 46	7 8	2 14	20 25	0 10	18 47	1 39	15 7	17 3	20 3	20 10	19 8	3 35	4 37	
F 22	17 33	20 20	0 13	21 0	2 2	21 50	0 30	5 34	0 42	17 25	0 46	7 9	2 14	20 26	0 10	18 47	1 39	15 8	17 4	20 3	20 10	19 8	3 33	4 37	
S 23	17 16	18 35	0s52	20 35	2 4	21 38	0 33	5 15	0 41	17 26	0 45	7 11	2 14	20 26	0 10	18 47	1 39	15 9	17 4	20 3	20 11	19 7	3 32	4 37	
S 24	16 59	16 2	1 55	20 9	2 4	21 27	0 35	4 56	0 40	17 27	0 45	7 12	2 15	20 26	0 10	18 48	1 39	15 9	17 5	20 3	20 12	19 6	3 31	4 37	
M 25	16 42	12 49	2 54	19 41	2 5	21 14	0 37	4 38	0 40	17 28	0 45	7 14	2 15	20 27	0 10	18 48	1 39	15 10	17 5	20 4	20 12	19 5	3 30	4 36	
T 26	16 24	9 4	3 45	19 12	2 4	21 1	0 39	4 19	0 39	17 29	0 45	7 15	2 15	20 27	0 10	18 48	1 39	15 11	17 6	20 4	20 13	19 4	3 29	4 36	
W 27	16 6	4 55	4 26	18 41	2 4	20 47	0 42	4 0	0 38	17 31	0 44	7 17	2 15	20 27	0 10	18 48	1 39	15 12	17 6	20 5	20 14	19 3	3 28	4 36	
T 28	15 48	0 32	4 56	18 8	2 3	20 33	0 44	3 41	0 37	17 32	0 44	7 19	2 15	20 28	0 10	18 48	1 40	15 13	17 7	20 5	20 14	19 2	3 27	4 36	
F 29	15 29	3n57	5 13	17 34	2 1	20 18	0 46	3 22	0 37	17 33	0 44	7 20	2 16	20 28	0 10	18 48	1 40	15 13	17 7	20 6	20 15	19 2	3 25	4 36	
S 30	15 11	8 22	5 15	16 59	1 59	20 2	0 48	3 4	0 36	17 35	0 44	7 22	2 16	20 28	0 10	18 48	1 40	15 14	17 8	20 6	20 16	19 1	3 24	4 36	
S 31	14s52	12n31	5s 1	16s21	1s57	19s46	0s50	2s45	0s35	17n36	0s43	7n24	2n16	20s29	0n10	18s48	1n40	15n15	17n 8	20n 6	20n16	19s 0	3s23	4n35	

ASTRODIENST EPHEMERIS for the year 1479

geocentric

MARCH 1479 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	11 8 43	19° 2' 48"	11° 41'	6° 7'	11° 38'	16° 14'	25° 22'	14° 24'	2° 23'	1° 13'	0° 23'	29° 20'	28° 9'	11° 27'	12° 22'	M 1
T 2	11 12 39	20° 2' 28"	25° 21'	6° 29'	12° 52'	16° 59'	25° 31'	14° 19'	2° 23'	1° 13'	0° 21'	29° 20'	28° 6'	11° 34'	12° 26'	T 2
W 3	11 16 36	21° 2' 05"	9° 20'	6° 43'	14° 7'	17° 43'	25° 41'	14° 14'	2° 23'	1° 13'	0° 20'	29° 21'	28° 2'	11° 40'	12° 29'	W 3
T 4	11 20 32	22° 1' 40"	23° 38'	6° 48'	15° 22'	18° 27'	25° 50'	14° 10'	2° 23'	1° 12'	0° 18'	29° 22'	27° 59'	11° 47'	12° 33'	T 4
F 5	11 24 29	23° 1' 13"	8° 13'	6° 45'	16° 36'	19° 12'	26° 0'	14° 5'	2° 22'	1° 12'	0° 16'	29° 22'	27° 56'	11° 54'	12° 37'	F 5
S 6	11 28 26	24° 0' 43"	23° 1'	6° 35'	17° 51'	19° 56'	26° 9'	14° 0'	2° 22'	1° 12'	0° 15'	29° 20'	27° 53'	12° 0'	12° 41'	S 6
S 7	11 32 22	25° 0' 11"	7° 56'	6° 17'	19° 5'	20° 40'	26° 19'	13° 56'	2° 22'	1° 11'	0° 13'	29° 15'	27° 50'	12° 7'	12° 44'	S 7
M 8	11 36 19	25° 59' 37"	22° 50'	5° 52'	20° 20'	21° 24'	26° 29'	13° 51'	2° 21'	1° 11'	0° 11'	29° 8'	27° 47'	12° 14'	12° 48'	M 8
T 9	11 40 15	26° 59' 01"	7° 35'	5° 21'	21° 34'	22° 8'	26° 39'	13° 46'	2° 21'	1° 11'	0° 10'	29° 0'	27° 43'	12° 20'	12° 52'	T 9
W10	11 44 12	27° 58' 22"	2° 3'	4° 44'	22° 49'	22° 52'	26° 49'	13° 42'	2° 20'	1° 10'	0° 8'	28° 50'	27° 40'	12° 27'	12° 56'	W10
T 11	11 48 8	28° 57' 42"	6° 6'	4° 3'	24° 3'	23° 36'	27° 0'	13° 37'	2° 19'	1° 10'	0° 6'	28° 41'	27° 37'	12° 34'	12° 59'	T 11
F 12	11 52 5	29° 57' 00"	19° 43'	3° 17'	25° 18'	24° 20'	27° 10'	13° 33'	2° 19'	1° 9'	0° 5'	28° 33'	27° 34'	12° 40'	13° 3'	F 12
S 13	11 56 1	0° 56' 16"	2° 52'	2° 29'	26° 32'	25° 4'	27° 20'	13° 28'	2° 18'	1° 8'	0° 3'	28° 27'	27° 31'	12° 47'	13° 7'	S 13
S 14	11 59 58	1° 55' 31"	15° 35'	1° 40'	27° 47'	25° 48'	27° 31'	13° 24'	2° 17'	1° 8'	0° 1'	28° 24'	27° 28'	12° 54'	13° 10'	S 14
M15	12 3 55	2° 54' 44"	27° 57'	0° 49'	29° 1'	26° 32'	27° 41'	13° 20'	2° 16'	1° 7'	29° 59'	28° 22'	27° 24'	13° 0'	13° 14'	M15
T 16	12 7 51	3° 53' 54"	10° 3' 2	29° 59'	0° 16'	27° 15'	27° 52'	13° 15'	2° 16'	1° 6'	29° 58'	28° 22'	27° 21'	13° 7'	13° 17'	T 16
W17	12 11 48	4° 53' 03"	21° 56'	29° 10'	1° 30'	27° 59'	28° 3'	13° 11'	2° 15'	1° 6'	29° 56'	28° 23'	27° 18'	13° 14'	13° 21'	W17
T 18	12 15 44	5° 52' 11"	3° 33'	28° 23'	2° 45'	28° 43'	28° 14'	13° 7'	2° 14'	1° 5'	29° 55'	28° 23'	27° 15'	13° 20'	13° 25'	T 18
F 19	12 19 41	6° 51' 16"	15° 30'	27° 39'	3° 59'	29° 26'	28° 25'	13° 3'	2° 13'	1° 4'	29° 53'	28° 21'	27° 12'	13° 27'	13° 28'	F 19
S 20	12 23 37	7° 50' 19"	27° 20'	26° 59'	5° 14'	0° 10'	28° 36'	12° 59'	2° 12'	1° 4'	29° 51'	28° 17'	27° 8'	13° 33'	13° 32'	S 20
S 21	12 27 34	8° 49' 21"	9° 18'	26° 23'	6° 28'	0° 53'	28° 47'	12° 55'	2° 10'	1° 3'	29° 50'	28° 11'	27° 5'	13° 40'	13° 35'	S 21
M22	12 31 30	9° 48' 21"	21° 26'	25° 51'	7° 42'	1° 37'	28° 58'	12° 51'	2° 9'	1° 2'	29° 48'	28° 2'	27° 2'	13° 47'	13° 39'	M22
T 23	12 35 27	10° 47' 18"	3° 47'	25° 25'	8° 57'	2° 20'	29° 10'	12° 47'	2° 8'	1° 1'	29° 47'	27° 50'	26° 59'	13° 53'	13° 42'	T 23
W24	12 39 24	11° 46' 14"	16° 20'	25° 3'	10° 11'	3° 4'	29° 21'	12° 43'	2° 7'	1° 0'	29° 45'	27° 38'	26° 56'	14° 0'	13° 46'	W24
T 25	12 43 20	12° 45' 07"	29° 7'	24° 47'	11° 25'	3° 47'	29° 33'	12° 39'	2° 6'	0° 59'	29° 43'	27° 25'	26° 53'	14° 7'	13° 49'	T 25
F 26	12 47 17	13° 43' 59"	12° 6'	24° 36'	12° 40'	4° 30'	29° 44'	12° 35'	2° 4'	0° 58'	29° 42'	27° 13'	26° 49'	14° 13'	13° 53'	F 26
S 27	12 51 13	14° 42' 48"	25° 17'	24° 31'	13° 54'	5° 14'	29° 56'	12° 32'	2° 3'	0° 57'	29° 40'	27° 3'	26° 46'	14° 20'	13° 56'	S 27
S 28	12 55 10	15° 41' 36"	8° 39'	24° 31'	15° 8'	5° 57'	0° 11'	12° 28'	2° 1'	0° 56'	29° 38'	26° 56'	26° 43'	14° 27'	13° 59'	S 28
M29	12 59 6	16° 40' 21"	22° 12'	24° 36'	16° 23'	6° 40'	0° 20'	12° 25'	2° 0'	0° 55'	29° 37'	26° 52'	26° 40'	14° 33'	14° 3'	M29
T 30	13 3 3	17° 39' 04"	5° 55'	24° 46'	17° 37'	7° 23'	0° 32'	12° 21'	1° 58'	0° 54'	29° 35'	26° 50'	26° 37'	14° 40'	14° 6'	T 30
W31	13 6 59	18° 37' 44"	19° 50'	25° 42'	18° 51'	8° 6'	0° 11'	12° 18'	1° 57'	0° 53'	29° 34'	26° 50'	26° 33'	14° 47'	14° 9'	W31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
M 1	4s21	18n29	3s48	5n 3	2n51	8s32	1s25	6n11	0s14	18n34	0s37	8n18	2n19	20s32	0n10	18s49
T 2	3 57	20 33	2 53	5 20	3 0	8 4	1 26	6 29	0 13	18 36	0 37	8 20	2 19	20 32	0 10	18 49
W 3	3 34	21 25	1 46	5 34	3 9	7 35	1 26	6 47	0 12	18 38	0 37	8 22	2 19	20 32	0 10	18 48
T 4	3 10	20 56	0 31	5 43	3 16	7 7	1 26	7 4	0 12	18 41	0 36	8 23	2 19	20 32	0 10	18 48
F 5	2 47	19 2	0n47	5 47	3 22	6 38	1 26	7 22	0 11	18 43	0 36	8 25	2 19	20 32	0 10	18 48
S 6	2 23	15 50	2 4	5 47	3 27	6 8	1 26	7 39	0 10	18 46	0 36	8 27	2 19	20 32	0 10	18 48
S 7	1 59	11 35	3 12	5 43	3 30	5 39	1 26	7 57	0 10	18 48	0 36	8 29	2 19	20 32	0 10	18 48
M 8	1 36	6 37	4 7	5 34	3 31	5 10	1 26	8 14	0 9	18 51	0 36	8 31	2 19	20 32	0 10	18 48
T 9	1 12	1 20	4 44	5 21	3 31	4 40	1 26	8 31	0 8	18 53	0 35	8 32	2 19	20 32	0 10	18 48
W10	0 48	3s55	5 3	5 4	3 28	4 10	1 26	8 48	0 7	18 56	0 35	8 34	2 19	20 32	0 10	18 48
T 11	0 25	8 50	5 2	4 44	3 24	3 41	1 26	9 5	0 7	18 58	0 35	8 36	2 19	20 32	0 10	18 47
F 12	0 1	13 8	4 45	4 20	3 18	3 11	1 25	9 22	0 6	19 1	0 35	8 38	2 19	20 31	0 10	18 47
S 13	0n22	16 40	4 12	3 54	3 11	2 41	1 25	9 39	0 5	19 3	0 35	8 39	2 19	20 31	0 10	18 47
S 14	0 46	19 17	3 28	3 26	3 1	2 11	1 25	9 55	0 5	19 6	0 34	8 41	2 19	20 31	0 10	18 47
M15	1 10	20 54	2 35	2 56	2 51	1 40	1 24	10 12	0 4	19 9	0 34	8 43	2 19	20 31	0 10	18 47
T 16	1 33	21 31	1 36	2 25	2 39	1 10	1 24	10 28	0 3	19 11	0 34	8 44	2 19	20 31	0 10	18 47
W17	1 57	21 9	0 34	1 53	2 25	0 40	1 23	10 45	0 3	19 14	0 34	8 46	2 19	20 31	0 10	18 46
T 18	2 20	19 50	0s28	1 22	2 11	0 10	1 22	11 1	0 2	19 16	0 34	8 48	2 19	20 30	0 10	18 46
F 19	2 44	17 40	1 30	0 51	1 56	0n21	1 21	11 17	0 1	19 19	0 34	8 49	2 19	20 30	0 10	18 46
S 20	3 7	14 44	2 28	0 20	1 41	0 51	1 21	11 33	0 1	19 22	0 33	8 51	2 19	20 30	0 10	18 46
S 21	3 30	11 11	3 19	0s 9	1 25	1 21	1 20	11 49	0n 0	19 24	0 33	8 52	2 19	20 30	0 10	18 46
M22	3 54	7 7	4 3	0 36	1 9	1 52	1 19	12 5	0 1	19 27	0 33	8 54	2 19	20 30	0 10	18 45
T 23	4 17	2 42	4 36	1 1	0 53	2 22	1 18	12 20	0 1	19 29	0 33	8 55	2 19	20 29	0 10	18 45
W24	4 40	1n54	4 55	1 25	0 37	2 52	1 17	12 36	0 2	19 32	0 33	8 56	2 19	20 29	0 10	18 45
T 25	5 3	6 30	5 1	1 45	0 21	3 22	1 16	12 51	0 3	19 35	0 33	8 58	2 19	20 29	0 10	18 45
F 26	5 26	10 53	4 51	2 4	0 5	3 52	1 15	13 7	0 3	19 37	0 32	8 59	2 19	20 29	0 10	18 44
S 27	5 49	14 50	4 26	2 20	0s10	4 22	1 13	13 22	0 4	19 40	0 32	9 1	2 19	20 28	0 10	18 44
S 28	6 12	18 5	3 46	2 33	0 24	4 52	1 12	13 37	0 5	19 43	0 32	9 2	2 18	20 28	0 10	18 44
M29	6 34	20 24	2 52	2 44	0 38	5 22	1 11	13 52	0 5	19 45	0 32	9 3	2 18	20 28	0 10	18 44
T 30	6 57	21 34	1 48	2 52	0 52	5 52	1 9	14 6	0 6	19 48	0 32	9 4	2 18	20 27	0 10	18 43
W31	7n19	21n26	0s37	2s58	1s 4	6n21	1s 8	14n21	0n 7	19n51	0s32	9n 6	2n18	20s27	0n10	18s43

Julian Day Number = 2261321.5, Delta T = 05m34s

Ecliptic obliquity = 23°30'21", Nutation = - 0°00'15", out-of-bounds declination in red

Ayanamsha: Fagan/Bradley = 17°28'25", Lahiri = 16°35'25" Julian Calendar 1 March 1479 == Greg. Calendar 10 March 1479

ASTRODIENST EPHEMERIS for the year 1479

geocentric

MAY 1479 JC

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	15 9 13	18°34'29	13°11	0°11	27°8 5	29°56	7°12	11°17	0°53	0°10	28°54	23°57	24°55	18°13	15°34	S 1
S 2	15 13 9	19°39'13	27°19	1°57	28°18	0°13	7°36	11°17	0°51	0°9	28°53	23°53	24°52	18°20	15°36	S 2
M 3	15 17 6	20°36'56	11°24	3°45	29°32	1°19	7°50	11°17	0°48	0°7	28°52	23°46	24°49	18°26	15°38	M 3
T 4	15 21 2	21°34'37	25°21	5°35	0°14	2°1	8°3	11°17	0°46	0°6	28°51	23°37	24°45	18°33	15°40	T 4
W 5	15 24 59	22°32'17	9°18	7°28	2°0	2°42	8°17	11°17	0°43	0°4	28°51	23°27	24°42	18°40	15°42	W 5
T 6	15 28 55	23°29'55	22°40	9°22	3°13	3°24	8°30	11°17	0°41	0°2	28°50	23°17	24°39	18°46	15°44	T 6
F 7	15 32 52	24°27'32	5°54	11°18	4°27	4°5	8°44	11°17	0°39	0°1	28°49	23°8	24°36	18°53	15°46	F 7
S 8	15 36 48	25°25'08	18°49	13°17	5°41	4°46	8°58	11°17	0°36	29°15	28°48	23°2	24°33	19°0	15°48	S 8
S 9	15 40 45	26°22'43	1°36	15°17	6°54	5°27	9°11	11°17	0°34	29°58	28°48	22°57	24°30	19°6	15°50	S 9
M10	15 44 42	27°20'17	13°46	17°19	8°8	6°9	9°25	11°18	0°31	29°56	28°47	22°55	24°26	19°13	15°51	M10
T 11	15 48 38	28°17'49	25°51	19°23	9°22	6°50	9°39	11°18	0°29	29°54	28°46	22°54	24°23	19°19	15°53	T 11
W12	15 52 35	29°15'21	7°47	21°29	10°35	7°31	9°53	11°19	0°26	29°53	28°46	22°55	24°20	19°26	15°55	W12
T 13	15 56 31	0°12'52	19°37	23°36	11°49	8°12	10°6	11°20	0°24	29°51	28°45	22°56	24°17	19°33	15°56	T 13
F 14	16 0 28	1°10'22	1°27	25°45	13°2	8°53	10°20	11°21	0°21	29°49	28°44	22°57	24°14	19°39	15°58	F 14
S 15	16 4 24	2°7'51	13°22	27°54	14°16	9°34	10°34	11°22	0°19	29°48	28°44	22°56	24°10	19°46	15°59	S 15
S 16	16 8 21	3°5'20	25°27	0°11	15°30	10°15	10°48	11°23	0°16	29°46	28°43	22°53	24°7	19°53	16°1	S 16
M17	16 12 17	4°2'47	7°46	2°16	16°43	10°56	11°2	11°24	0°14	29°45	28°43	22°49	24°4	19°59	16°2	M17
T 18	16 16 14	5°0'14	20°24	4°28	17°57	11°37	11°15	11°25	0°11	29°43	28°43	22°43	24°1	20°6	16°3	T 18
W19	16 20 11	5°57'40	3°22	6°40	19°10	12°17	11°29	11°27	0°9	29°41	28°42	22°35	23°58	20°13	16°4	W19
T 20	16 24 7	6°55'06	16°41	8°52	20°24	12°58	11°43	11°28	0°6	29°40	28°42	22°28	23°55	20°19	16°6	T 20
F 21	16 28 4	7°52'30	0°12	11°4	21°37	13°39	11°57	11°30	0°4	29°38	28°41	22°20	23°51	20°26	16°7	F 21
S 22	16 32 0	8°49'54	14°16	13°15	22°51	14°20	12°11	11°31	0°1	29°37	28°41	22°15	23°48	20°33	16°8	S 22
S 23	16 35 57	9°47'17	28°26	15°25	24°4	15°0	12°24	11°33	29°15	29°35	28°41	22°10	23°45	20°39	16°9	S 23
M24	16 39 53	10°44'39	12°24	17°34	25°18	15°41	12°38	11°35	29°56	29°33	28°41	22°8	23°42	20°46	16°10	M24
T 25	16 43 50	11°42'01	27°7	19°42	26°31	16°22	12°52	11°37	29°54	29°32	28°40	22°D	23°39	20°53	16°11	T 25
W26	16 47 46	12°39'21	11°29	21°48	27°45	17°2	13°6	11°39	29°52	29°30	28°40	22°9	23°36	20°59	16°12	W26
T 27	16 51 43	13°36'40	25°48	23°52	28°58	17°43	13°20	11°41	29°49	29°29	28°40	22°10	23°32	21°6	16°13	T 27
F 28	16 55 40	14°33'58	10°11	25°55	0°12	18°23	13°34	11°43	29°47	29°27	28°40	22°R11	23°29	21°13	16°13	F 28
S 29	16 59 36	15°31'15	24°5	27°56	1°25	19°3	13°48	11°46	29°45	29°26	28°40	22°11	23°26	21°19	16°14	S 29
S 30	17 3 33	16°28'31	8°1	29°55	2°38	19°44	14°1	11°48	29°42	29°24	28°40	22°9	23°23	21°26	16°15	S 30
M31	17 7 29	17°12'54	21°46	1°51	3°52	20°14	14°15	11°51	29°40	29°22	28°40	22°6	23°20	21°33	16°15	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	decl	lat
S 1	17n26	10n11	3n51	9n33	2s 9	19n29	0s 5	20n36	0n25	21n 9	0s28	9n25	2n14	20s14	0n 9	18s34	1n43	16n 6	17n 8	21n23	21n12	17s21	1s26	4n38			
S 2	17 42	5 14	4 32	10 16	2 2	19 48	0 2	20 46	0 26	21 11	0 27	9 25	2 14	20 14	0 9	18 33	1 43	16 6	17 7	21 23	21 13	17 20	1 25	4 38			
M 3	17 57	0 2	4 57	11 0	1 54	20 7	0n 0	20 55	0 26	21 14	0 27	9 25	2 13	20 13	0 9	18 33	1 43	16 6	17 7	21 25	21 13	17 18	1 24	4 38			
T 4	18 13	5s 7	5 4	11 45	1 46	20 25	0 3	21 4	0 27	21 16	0 27	9 24	2 13	20 13	0 9	18 33	1 43	16 6	17 6	21 26	21 14	17 17	1 23	4 38			
W 5	18 27	9 57	4 53	12 30	1 38	20 42	0 5	21 12	0 27	21 18	0 27	9 24	2 13	20 12	0 9	18 32	1 43	16 6	17 6	21 28	21 15	17 16	1 22	4 39			
T 6	18 42	14 12	4 25	13 15	1 29	20 59	0 7	21 21	0 28	21 20	0 27	9 24	2 13	20 12	0 9	18 32	1 43	16 6	17 5	21 29	21 15	17 15	1 21	4 39			
F 7	18 56	17 40	3 44	14 0	1 19	21 15	0 10	21 29	0 28	21 23	0 27	9 24	2 13	20 11	0 9	18 32	1 43	16 6	17 5	21 31	21 16	17 13	1 20	4 39			
S 8	19 10	20 11	2 52	14 46	1 10	21 31	0 12	21 37	0 29	21 25	0 27	9 24	2 12	20 11	0 9	18 31	1 43	16 6	17 5	21 32	21 16	17 12	1 20	4 39			
S 9	19 24	21 37	1 53	15 31	1 0	21 46	0 15	21 45	0 30	21 27	0 27	9 23	2 12	20 10	0 9	18 31	1 43	16 6	17 4	21 33	21 17	17 11	1 19	4 39			
M10	19 37	21 59	0 49	16 15	0 50	22 0	0 17	21 53	0 30	21 29	0 27	9 23	2 12	20 10	0 9	18 31	1 43	16 5	17 4	21 33	21 17	17 9	1 18	4 40			
T 11	19 50	21 18	0s16	17 0	0 39	22 14	0 20	22 1	0 31	21 31	0 26	9 23	2 12	20 9	0 9	18 30	1 43	16 5	17 3	21 33	21 18	17 8	1 17	4 40			
W12	20 3	19 39	1 19	17 43	0 29	22 28	0 22	22 8	0 31	21 34	0 26	9 22	2 12	20 9	0 9	18 30	1 43	16 5	17 3	21 33	21 19	17 7	1 16	4 40			
T 13	20 15	17 10	2 19	18 26	0 18	22 40	0 24	22 15	0 32	21 36	0 26	9 22	2 12	20 8	0 9	18 30	1 43	16 5	17 2	21 33	21 19	17 5	1 16	4 40			
F 14	20 27	13 59	3 12	19 8	0 7	22 52	0 27	22 22	0 32	21 38	0 26	9 21	2 11	20 8	0 9	18 29	1 43	16 5	17 2	21 33	21 20	17 4	1 15	4 40			
S 15	20 39	10 13	3 58	19 48	0n 3	23 3	0 29	22 29	0 33	21 40	0 26	9 21	2 11	20 7	0 9	18 29	1 43	16 4	17 1	21 33	21 20	17 2	1 14	4 40			
S 16	20 50	6 0	4 34	20 27	0 14	23 14	0 32	22 36	0 33	21 42	0 26	9 20	2 11	20 7	0 9	18 29	1 43	16 4	17 1	21 33	21 21	17 1	1 13	4 41			
M17	21 1	1 28	4 58	21 4	0 24	23 24	0 34	22 42	0 34	21 44	0 26	9 19	2 11	20 6	0 9	18 28	1 43	16 4	17 0	21 34	21 21	17 0	1 13	4 41			
T 18	21 11	3n14	5 8	21 39	0 34	23 33	0 36	22 48	0 34	21 46	0 26	9 19	2 11	20 6	0 9	18 28	1 43	16 4	17 0	21 35	21 22	16 58	1 12	4 41			
W19	21 22	7 55	5 3	22 13	0 44	23 42	0 38	22 54	0 35	21 48	0 26	9 18	2 11	20 5	0 9	18 28	1 43	16 3	16 59	21 36	21 22	16 57	1 11	4 41			
T 20	21 32	12 22	4 41	22 43	0 54	23 50	0 41	23 0	0 35	21 50	0 25	9 17	2 10	20 5	0 9	18 27	1 43	16 3	16 59	21 38	21 23	16 56	1 11	4 42			
F 21	21 41	16 18	4 4	23 12	1 3	23 57	0 43	23 6	0 36	21 52	0 25	9 17	2 10	20 4	0 9	18 27	1 43	16 3	16 58	21 39	21 24	16 54	1 10	4 42			
S 22	21 50	19 25	3 11	23 38	1 11	24 4	0 45	23 11	0 36	21 54	0 25	9 16	2 10	20 4	0 9	18 27	1 43	16 3	16 58	21 40	21 24	16 53	1 9	4 42			
S 23	21 59	21 25	2 5	24 1	1 19	24 10	0 47	23 16	0 37	21 56	0 25	9 15	2 10	20 3	0 9	18 26	1 43	16 2	16 57	21 41	21 25	16 51	1 9	4 42			
M24	22 7	22 3	0 51	24 21	1 26	24 15	0 50	23 21	0 37	21 58	0 25	9 14	2 10	20 3	0 9	18 26	1 43	16 2	16 57	21 41	21 25	16 50	1 8	4 42			
T 25	22 15	21 14	0n27	24 39	1 33	24 19	0 52	23 26	0 38	21 59	0 25	9 13	2 9	20 2	0 9	18 26	1 43	16 1	16 56	21 41	21 26	16 49	1 8	4 43			
W26	22 23	19 2	1 43	24 54	1 39	24 23	0 54	23 30	0 38	22 1	0 25	9 12	2 9	20 2	0 9	18 25	1 43	16 1	16 56	21 41	21 26	16 47	1 7	4 43			
T 27	22 30	15 40	2 53	25 6	1 44	24 26	0 56	23 35	0 39	22 3	0 25	9 11	2 9	20 1	0 9	18 25	1 43	16 1	16 55	21 41	21 27	16 46	1 7	4 43			
F 28	22 37	11 24	3 51	25 15	1 49	24 28	0 58	23 39	0 39	22 5	0 25	9 10	2 9	20 1	0 9	18 25	1 43	16 0	16 55	21 40	21 27	16 44	1 6	4 43			
S 29	22 43	6 34	4 35	25 22	1 53	24 30	1 0	23 43	0 40	22 7	0 25	9 9	2 9	20 0	0 9	18 24	1 43	16 0	16 54	21 40	21 28	16 43	1 6	4 43			
S 30	22 49	1 26	5 2	25 26	1 56	24 31	1 2	23 46	0 40	22 8	0 25	9 8	2 9	20 0	0 9	18 24	1 43	15 59	16 54	21 41	21 28	16 42	1 5	4 44			
M31	22n55	3s41	5n12	25n28	1n58	24n31	1n 4	23n50	0n41	22n10	0s24	9n 7	2n 8	19s59	0n 9	18s24	1n43	15n59	16n53	21n41	21n29	16s40	1s 5	4n44			

ASTRODIENST EPHEMERIS for the year 1479

geocentric

JUNE 1479 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	17 11 26	18 ^{II} 23'01	5 ^{III} 20	3 ^{IV} 45	5 ^V 5	21 ^{VI} 4	14 ^{VII} 29	11 ^{VIII} 53	29°R37	29°R21	28 ^{IX} 40	22°R 2	23 ^X 16	21 ^{XI} 39	16 ^{XII} 16	T 1
W 2	17 15 22	19°20'15	18°40	5°38	6°18	21°45	14°43	11°56	29 ^{III} 35	29 ^{III} 19	28°40	21 ^{IV} 57	23°13	21°46	16°16	W 2
T 3	17 19 19	20°17'28	1 ^{IV} 48	7°27	7°32	22°25	14°57	11°59	29°33	29°18	28°40	21°52	23°10	21°53	16°17	T 3
F 4	17 23 15	21°14'41	14°40	9°15	8°45	23° 5	15°10	12° 2	29°31	29°16	28°40	21°47	23° 7	21°59	16°17	F 4
S 5	17 27 12	22°11'53	27°18	11° 0	9°58	23°45	15°24	12° 5	29°28	29°15	28°40	21°44	23° 4	22° 6	16°18	S 5
S 6	17 31 9	23° 9'05	9 ^{IV} 43	12°43	11°12	24°25	15°38	12° 8	29°26	29°14	28°40	21°42	23° 1	22°13	16°18	S 6
M 7	17 35 5	24° 6'17	21°54	14°24	12°25	25° 6	15°52	12°11	29°24	29°12	28°41	21°D41	22°57	22°19	16°18	M 7
T 8	17 39 2	25° 3'28	3 ^{IV} 55	16° 2	13°38	25°46	16° 5	12°14	29°22	29°11	28°41	21°42	22°54	22°26	16°18	T 8
W 9	17 42 58	26° 0'39	15°49	17°38	14°51	26°26	16°19	12°18	29°20	29° 9	28°41	21°43	22°51	22°33	16°18	W 9
T 10	17 46 55	26°57'50	27°38	19°11	16° 5	27° 6	16°33	12°21	29°18	29° 8	28°41	21°45	22°48	22°39	16°19	T 10
F 11	17 50 51	27°55'01	9 ^{IV} 29	20°43	17°18	27°45	16°47	12°25	29°16	29° 6	28°42	21°46	22°45	22°46	16°R19	F 11
S 12	17 54 48	28°52'12	21°24	22°11	18°31	28°25	17° 0	12°28	29°13	29° 5	28°42	21°47	22°42	22°53	16°18	S 12
S 13	17 58 45	29°49'24	3 ^V 28	23°38	19°44	29° 5	17°14	12°32	29°11	29° 4	28°42	21°R48	22°38	22°59	16°18	S 13
M14	18 2 41	0 ^{IV} 46'35	15°48	25° 2	20°58	29°45	17°27	12°36	29° 9	29° 2	28°43	21°47	22°35	23° 6	16°18	M14
T 15	18 6 38	1°43'46	28°26	26°23	22°11	0 ^{IV} 25	17°41	12°40	29° 7	29° 1	28°43	21°45	22°32	23°13	16°18	T 15
W16	18 10 34	2°40'58	11 ^{IV} 25	27°42	23°24	1° 5	17°55	12°44	29° 6	29° 0	28°44	21°43	22°29	23°19	16°18	W16
T 17	18 14 31	3°38'10	24°49	28°58	24°37	1°44	18° 8	12°48	29° 4	28°59	28°44	21°40	22°26	23°26	16°17	T 17
F 18	18 18 27	4°35'22	8 ^{IV} 38	0 ^{IV} 12	25°50	2°24	18°22	12°52	29° 2	28°57	28°45	21°38	22°22	23°33	16°17	F 18
S 19	18 22 24	5°32'34	22°48	1°23	27° 3	3° 4	18°35	12°56	29° 0	28°56	28°46	21°36	22°19	23°39	16°17	S 19
S 20	18 26 20	6°29'47	7 ^{IV} 17	2°31	28°16	3°43	18°49	13° 0	28°58	28°55	28°46	21°35	22°16	23°46	16°16	S 20
M21	18 30 17	7°26'59	21°59	3°37	29°29	4°23	19° 2	13° 5	28°56	28°54	28°47	21°D35	22°13	23°53	16°16	M21
T 22	18 34 14	8°24'12	6 ^{IV} 46	4°40	0 ^{IV} 43	5° 3	19°16	13° 9	28°55	28°53	28°48	21°35	22°10	23°59	16°15	T 22
W23	18 38 10	9°21'24	21°32	5°39	1°56	5°42	19°29	13°14	28°53	28°51	28°48	21°36	22° 7	24° 6	16°14	W23
T 24	18 42 7	10°18'37	6 ^{IV} 11	6°36	3° 9	6°22	19°42	13°18	28°51	28°50	28°49	21°37	22° 3	24°13	16°14	T 24
F 25	18 46 3	11°15'49	20°37	7°29	4°22	7° 1	19°56	13°23	28°50	28°49	28°50	21°38	22° 0	24°19	16°13	F 25
S 26	18 50 0	12°13'01	4 ^{IV} 48	8°19	5°35	7°41	20° 9	13°28	28°48	28°48	28°51	21°38	21°57	24°26	16°12	S 26
S 27	18 53 56	13°10'13	18°41	9° 5	6°48	8°20	20°22	13°33	28°46	28°47	28°52	21°R38	21°54	24°33	16°11	S 27
M28	18 57 53	14° 7'26	2 ^{IV} 16	9°48	8° 1	8°59	20°35	13°38	28°45	28°46	28°53	21°38	21°51	24°39	16°10	M28
T 29	19 1 49	15° 4'38	15°33	10°27	9°13	9°39	20°48	13°42	28°44	28°45	28°53	21°37	21°48	24°46	16° 9	T 29
W30	19 5 46	16° 1'50	28 ^{III} 34	11 ^{IV} 3	10 ^{IV} 26	10 ^{IV} 18	21 ^{IV} 2	13 ^{IV} 48	28 ^{III} 42	28 ^{III} 44	28 ^{III} 54	21 ^{IV} 36	21 ^{IV} 44	24 ^{IV} 53	16 ^{IV} 8	W30

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
T 1	23n 0	8s34	5n 3	25n27	2n 0	24n30	1n 6	23n53	0n41	22n12	0s24	9n 6	2n 8	19s59	0n 9	18s23
W 2	23 5	12 58	4 39	25 24	2 1	24 29	1 8	23 56	0 41	22 13	0 24	9 5	2 8	19 58	0 9	18 23
T 3	23 9	16 40	4 0	25 18	2 1	24 27	1 9	23 59	0 42	22 15	0 24	9 3	2 8	19 58	0 9	18 23
F 4	23 13	19 30	3 9	25 11	2 0	24 24	1 11	24 2	0 42	22 17	0 24	9 2	2 8	19 57	0 9	18 23
S 5	23 17	21 19	2 10	25 1	1 59	24 20	1 13	24 4	0 43	22 18	0 24	9 1	2 8	19 57	0 9	18 22
S 6	23 20	22 4	1 5	24 50	1 57	24 16	1 14	24 6	0 43	22 20	0 24	8 59	2 7	19 56	0 9	18 22
M 7	23 22	21 44	0s 1	24 37	1 54	24 11	1 16	24 9	0 44	22 21	0 24	8 58	2 7	19 56	0 9	18 22
T 8	23 25	20 25	1 7	24 23	1 51	24 6	1 18	24 10	0 44	22 23	0 24	8 57	2 7	19 55	0 9	18 21
W 9	23 27	18 11	2 9	24 6	1 47	23 59	1 19	24 12	0 45	22 24	0 24	8 55	2 7	19 55	0 9	18 21
T 10	23 28	15 13	3 5	23 49	1 42	23 52	1 21	24 13	0 45	22 26	0 24	8 54	2 7	19 55	0 9	18 21
F 11	23 29	11 38	3 54	23 30	1 37	23 44	1 22	24 15	0 45	22 27	0 24	8 52	2 7	19 54	0 9	18 21
S 12	23 30	7 35	4 32	23 11	1 31	23 36	1 23	24 16	0 46	22 29	0 23	8 51	2 6	19 54	0 9	18 20
S 13	23 30	3 12	5 0	22 50	1 25	23 27	1 25	24 16	0 46	22 30	0 23	8 49	2 6	19 53	0 9	18 20
M14	23 30	1n24	5 14	22 28	1 18	23 17	1 26	24 17	0 47	22 32	0 23	8 47	2 6	19 53	0 9	18 20
T 15	23 30	6 4	5 13	22 5	1 10	23 6	1 27	24 17	0 47	22 33	0 23	8 46	2 6	19 52	0 9	18 20
W16	23 29	10 35	4 57	21 42	1 2	22 55	1 28	24 18	0 48	22 34	0 23	8 44	2 6	19 52	0 9	18 19
T 17	23 27	14 45	4 24	21 18	0 54	22 43	1 29	24 18	0 48	22 36	0 23	8 42	2 6	19 52	0 9	18 19
F 18	23 26	18 15	3 36	20 54	0 45	22 31	1 30	24 17	0 48	22 37	0 23	8 41	2 5	19 51	0 9	18 19
S 19	23 23	20 46	2 33	20 29	0 35	22 18	1 31	24 17	0 49	22 38	0 23	8 39	2 5	19 51	0 9	18 19
S 20	23 21	22 0	1 18	20 3	0 25	22 4	1 32	24 16	0 49	22 39	0 23	8 37	2 5	19 50	0 9	18 18
M21	23 18	21 45	0n 2	19 38	0 15	21 49	1 33	24 16	0 50	22 40	0 23	8 35	2 5	19 50	0 9	18 18
T 22	23 14	19 58	1 23	19 13	0 4	21 34	1 33	24 15	0 50	22 42	0 23	8 33	2 5	19 50	0 9	18 18
W23	23 10	16 52	2 39	18 47	0s 8	21 19	1 34	24 13	0 50	22 43	0 23	8 32	2 5	19 49	0 9	18 18
T 24	23 6	12 43	3 43	18 22	0 20	21 3	1 35	24 12	0 51	22 44	0 22	8 30	2 5	19 49	0 9	18 18
F 25	23 2	7 53	4 32	17 56	0 32	20 46	1 35	24 10	0 51	22 45	0 22	8 28	2 4	19 49	0 9	18 17
S 26	22 57	2 44	5 4	17 32	0 44	20 28	1 36	24 9	0 52	22 46	0 22	8 26	2 4	19 48	0 9	18 17
S 27	22 51	2s27	5 17	17 7	0 57	20 10	1 36	24 7	0 52	22 47	0 22	8 24	2 4	19 48	0 9	18 17
M28	22 45	7 25	5 12	16 43	1 10	19 52	1 36	24 4	0 52	22 48	0 22	8 22	2 4	19 48	0 9	18 17
T 29	22 39	11 55	4 50	16 20	1 23	19 33	1 37	24 2	0 53	22 49	0 22	8 20	2 4	19 47	0 9	18 17
W30	22n32	15s46	4n14	15n57	1s37	19n13	1n37	23n59	0n53	22n50	0s22	8n18	2n 4	19s47	0n 9	18s16

Julian Day Number = 2261413.5, Delta T = 05m34s

Ecliptic obliquity = 23°30'21", Nutation = - 0°00'16", out-of-bounds declination in red

Ayanamsha: Fagan/Bradley = 17°28'38", Lahiri = 16°35'38" Julian Calendar 1 June 1479 == Greg. Calendar 10 June 1479

ASTRODIENST EPHEMERIS for the year 1479
geocentric

JULY 1479 JC

00:00 UT

Day	Sid.t	☉	☽	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓	♈	♉	Day
T 1	19 9 43	16 ⁵⁹ 03	11 ²⁰	11 ⁰³ 34	11 ⁰³ 39	10 ⁵⁷	21 ¹¹ 15	13 ⁵³	28 ^R 41	28 ^R 43	28 ⁵⁵	21 ^R 36	21 ⁴¹	24 ⁵⁹	16 ^R 7	T 1
F 2	19 13 39	17 ⁵⁶ 16	23 ⁵³	12° 1	12°52	11°37	21°28	13°58	28 ^M 39	28 ^M 42	28°56	21 ³⁵	21°38	25° 6	16 ^R 6	F 2
S 3	19 17 36	18°53'30	6 ³ 14	12°23	14° 5	12°16	21°41	14° 3	28°38	28°41	28°57	21°35	21°35	25°13	16° 5	S 3
S 4	19 21 32	19°50'43	18°24	12°42	15°18	12°55	21°54	14° 8	28°37	28°40	28°59	21°D35	21°32	25°19	16° 4	S 4
M 5	19 25 29	20°47'58	0 ²⁶	12°55	16°31	13°34	22° 7	14°14	28°36	28°39	29° 0	21°35	21°28	25°26	16° 3	M 5
T 6	19 29 25	21°45'13	12°21	13° 4	17°43	14°13	22°19	14°19	28°34	28°39	29° 1	21°R35	21°25	25°33	16° 1	T 6
W 7	19 33 22	22°42'28	24°12	13°R 8	18°56	14°52	22°32	14°25	28°33	28°38	29° 2	21°35	21°22	25°39	16° 0	W 7
T 8	19 37 18	23°39'45	6 ³ 1	13° 7	20° 9	15°32	22°45	14°30	28°32	28°37	29° 3	21°35	21°19	25°46	15°58	T 8
F 9	19 41 15	24°37'02	17°51	13° 1	21°22	16°11	22°58	14°36	28°31	28°36	29° 4	21°34	21°16	25°53	15°57	F 9
S 10	19 45 12	25°34'20	29°47	12°50	22°34	16°50	23°10	14°41	28°30	28°36	29° 6	21°34	21°13	25°59	15°55	S 10
S 11	19 49 8	26°31'39	11 ⁵ 51	12°34	23°47	17°29	23°23	14°47	28°29	28°35	29° 7	21°34	21° 9	26° 6	15°54	S 11
M12	19 53 5	27°28'59	24° 9	12°13	25° 0	18° 8	23°35	14°53	28°28	28°34	29° 8	21°D34	21° 6	26°13	15°52	M12
T 13	19 57 1	28°26'20	6 ⁸ 44	11°47	26°12	18°47	23°48	14°59	28°28	28°34	29°10	21°34	21° 3	26°19	15°51	T 13
W14	20 0 58	29°23'42	19°40	11°17	27°25	19°25	24° 0	15° 5	28°27	28°33	29°11	21°34	21° 0	26°26	15°49	W14
T 15	20 4 54	0 ²¹ 06	3 ¹¹ 1	10°43	28°37	20° 4	24°13	15°11	28°26	28°32	29°12	21°35	20°57	26°33	15°47	T 15
F 16	20 8 51	1°18'30	16°47	10° 5	29°50	20°43	24°25	15°17	28°25	28°32	29°14	21°35	20°54	26°39	15°45	F 16
S 17	20 12 47	2°15'56	1 ⁵ 0	9°24	1 ¹⁰ 2	21°22	24°37	15°23	28°25	28°31	29°15	21°36	20°50	26°46	15°44	S 17
S 18	20 16 44	3°13'23	15°36	8°41	2°15	22° 1	24°50	15°29	28°24	28°31	29°17	21°R37	20°47	26°53	15°42	S 18
M19	20 20 41	4°10'51	0 ² 31	7°55	3°27	22°40	25° 2	15°35	28°23	28°31	29°18	21°37	20°44	26°59	15°40	M19
T 20	20 24 37	5° 8'20	15°36	7° 9	4°40	23°19	25°14	15°41	28°23	28°30	29°20	21°36	20°41	27° 6	15°38	T 20
W21	20 28 34	6° 5'49	0 ¹⁰ 43	6°22	5°52	23°57	25°26	15°48	28°23	28°30	29°21	21°35	20°38	27°13	15°36	W21
T 22	20 32 30	7° 3'20	15°42	5°36	7° 5	24°36	25°38	15°54	28°22	28°29	29°23	21°33	20°34	27°19	15°34	T 22
F 23	20 36 27	8° 0'52	0 ¹² 26	4°51	8°17	25°15	25°49	16° 0	28°22	28°29	29°24	21°31	20°31	27°26	15°32	F 23
S 24	20 40 23	8°58'24	14°50	4° 9	9°29	25°53	26° 1	16° 7	28°21	28°29	29°26	21°29	20°28	27°33	15°30	S 24
S 25	20 44 20	9°55'57	28°49	3°29	10°42	26°32	26°13	16°13	28°21	28°28	29°28	21°28	20°25	27°39	15°28	S 25
M26	20 48 16	10°53'31	12 ¹¹ 23	2°54	11°54	27°11	26°25	16°20	28°21	28°28	29°29	21°D28	20°22	27°46	15°25	M26
T 27	20 52 13	11°51'06	25°34	2°24	13° 6	27°49	26°36	16°26	28°21	28°28	29°31	21°28	20°19	27°53	15°23	T 27
W28	20 56 10	12°48'42	8 ² 24	1°59	14°18	28°28	26°48	16°33	28°21	28°28	29°33	21°29	20°15	27°59	15°21	W28
T 29	21 0 6	13°46'19	20°56	1°40	15°31	29° 6	26°59	16°39	28°D21	28°28	29°34	21°31	20°12	28° 6	15°19	T 29
F 30	21 4 3	14°43'57	3 ³ 14	1°27	16°43	29°45	27°10	16°46	28°21	28°28	29°36	21°32	20° 9	28°13	15°16	F 30
S 31	21 7 59	15 ⁰ 41'36	15 ³ 22	1°D22	17 ¹⁰ 55	0 ⁰ 23	27 ¹¹ 21	16 ¹⁰ 53	28 ^M 21	28 ^M 28	29 ¹⁰ 38	21 ³ 33	20 ⁵ 6	28 ²⁰ 20	15 ¹⁴ 14	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
T 1	22n25	18s49	3n25	15n35	1s51	18n53	1n37	23n57	0n54	22n51	0s22	8n16	2n 4	19s47	0n 9	18s16	1n42	15n38	16n38	21n46	21n45	15s54	1s 2	4n50	
F 2	22 18	20 54	2 28	15 14	2 5	18 33	1 37	23 54	0 54	22 52	0 22	8 13	2 4	19 46	0 9	18 16	1 42	15 38	16 37	21 46	21 46	15 52	1 2	4 50	
S 3	22 10	21 57	1 24	14 55	2 19	18 11	1 37	23 50	0 54	22 53	0 22	8 11	2 3	19 46	0 9	18 16	1 42	15 37	16 37	21 46	21 46	15 50	1 3	4 50	
S 4	22 2	21 57	0 18	14 36	2 33	17 50	1 37	23 47	0 55	22 54	0 22	8 9	2 3	19 46	0 9	18 16	1 42	15 36	16 36	21 46	21 47	15 49	1 3	4 51	
M 5	21 53	20 55	0s49	14 19	2 47	17 28	1 36	23 44	0 55	22 55	0 22	8 7	2 3	19 46	0 9	18 16	1 42	15 35	16 36	21 46	21 47	15 47	1 3	4 51	
T 6	21 45	18 57	1 53	14 4	3 0	17 5	1 36	23 40	0 55	22 55	0 22	8 5	2 3	19 45	0 9	18 16	1 42	15 34	16 35	21 46	21 48	15 46	1 4	4 51	
W 7	21 35	16 11	2 51	13 49	3 14	16 42	1 36	23 36	0 56	22 56	0 22	8 3	2 3	19 45	0 9	18 15	1 42	15 33	16 35	21 46	21 48	15 44	1 4	4 51	
T 8	21 26	12 47	3 43	13 37	3 27	16 19	1 35	23 32	0 56	22 57	0 21	8 0	2 3	19 45	0 9	18 15	1 42	15 32	16 34	21 46	21 49	15 42	1 4	4 51	
F 9	21 16	8 52	4 24	13 27	3 40	15 55	1 35	23 28	0 57	22 58	0 21	7 58	2 3	19 45	0 9	18 15	1 41	15 31	16 34	21 46	21 49	15 41	1 5	4 51	
S 10	21 5	4 36	4 55	13 18	3 52	15 31	1 34	23 23	0 57	22 58	0 21	7 56	2 3	19 45	0 9	18 15	1 41	15 31	16 33	21 46	21 50	15 39	1 5	4 52	
S 11	20 54	0 6	5 13	13 11	4 3	15 6	1 34	23 18	0 57	22 59	0 21	7 53	2 2	19 44	0 9	18 15	1 41	15 30	16 33	21 46	21 50	15 38	1 6	4 52	
M12	20 43	4n28	5 17	13 7	4 14	14 41	1 33	23 14	0 58	23 0	0 21	7 51	2 2	19 44	0 8	18 15	1 41	15 29	16 33	21 46	21 51	15 36	1 6	4 52	
T 13	20 32	8 58	5 6	13 5	4 24	14 16	1 32	23 9	0 58	23 0	0 21	7 49	2 2	19 44	0 8	18 15	1 41	15 28	16 32	21 46	21 51	15 34	1 7	4 52	
W14	20 20	13 12	4 40	13 5	4 32	13 50	1 31	23 3	0 58	23 1	0 21	7 46	2 2	19 44	0 8	18 15	1 41	15 27	16 32	21 46	21 52	15 33	1 7	4 52	
T 15	20 8	16 55	3 58	13 7	4 39	13 24	1 30	22 58	0 59	23 2	0 21	7 44	2 2	19 44	0 8	18 15	1 41	15 26	16 31	21 46	21 52	15 31	1 8	4 52	
F 16	19 55	19 50	3 1	13 11	4 45	12 57	1 29	22 53	0 59	23 2	0 21	7 41	2 2	19 44	0 8	18 15	1 41	15 25	16 31	21 46	21 53	15 30	1 8	4 53	
S 17	19 43	21 38	1 52	13 18	4 50	12 30	1 28	22 47	0 59	23 3	0 21	7 39	2 2	19 43	0 8	18 15	1 41	15 24	16 30	21 46	21 53	15 28	1 9	4 53	
S 18	19 29	22 2	0 33	13 26	4 52	12 3	1 27	22 41	1 0	23 3	0 21	7 37	2 2	19 43	0 8	18 15	1 41	15 23	16 30	21 46	21 54	15 26	1 9	4 53	
M19	19 16	20 54	0n49	13 37	4 53	11 36	1 25	22 35	1 0	23 4	0 21	7 34	2 2	19 43	0 8	18 15	1 41	15 22	16 30	21 46	21 54	15 25	1 10	4 53	
T 20	19 2	18 15	2 9	13 49	4 52	11 8	1 24	22 29	1 0	23 5	0 21	7 32	2 2	19 43	0 8	18 14	1 41	15 21	16 29	21 46	21 55	15 23	1 11	4 53	
W21	18 48	14 22	3 20	14 3	4 50	10 40	1 23	22 22	1 1	23 5	0 21	7 29	2 2	19 43	0 8	18 14	1 41	15 20	16 29	21 46	21 55	15 21	1 11	4 53	
T 22	18 34	9 35	4 16	14 19	4 45	10 11	1 21	22 16	1 1	23 5	0 21	7 26	2 1	19 43	0 8	18 14	1 41	15 19	16 28	21 47	21 56	15 20	1 12	4 53	
F 23	18 19	4 20	4 55	14 35	4 39	9 43	1 20	22 9	1 1	23 6	0 20	7 24	2 1	19 43	0 8	18 14	1 41	15 18	16 28	21 47	21 56	15 18	1 13	4 53	
S 24	18 4	1s 2	5 14	14 53	4 31	9 14	1 18	22 2	1 2	23 6	0 20	7 21	2 1	19 43	0 8	18 14	1 41	15 17	16 28	21 47	21 57	15 16	1 13	4 54	
S 25	17 49	6 12	5 13	15 11	4 21	8 45	1 16	21 55	1 2	23 7	0 20	7 19	2 1	19 43	0 8	18 14	1 41	15 16	16 27	21 47	21 57	15 15	1 14	4 54	
M26	17 33	10 54	4 55	15 30	4 10	8 16	1 14	21 48	1 2	23 7	0 20	7 16	2 1	19 43	0 8	18 14	1 41	15 15	16 27	21 47	21 57	15 13	1 15	4 54	
T 27	17 17	14 58	4 22	15 49	3 58	7 46	1 13	21 41	1 3	23 7	0 20	7 14	2 1	19 43	0 8	18 14	1 40	15 14	16 27	21 47	21 58	15 11	1 16	4 54	
W28	17 1	18 13	3 36	16 8	3 44	7 17	1 11	21 33	1 3	23 8	0 20	7 11	2 1	19 43	0 8	18 14	1 40	15 13	16 26	21 47	21 58	15 10	1 16	4 54	
T 29	16 44	20 31	2 41	16 27	3 29	6 47	1 9	21 26	1 3	23 8	0 20	7 8	2 1	19 43	0 8	18 14	1 40	15 12	16 26	21 47	21 59	15 8	1 17	4 54	
F 30	16 28	21 49	1 39	16 45	3 13	6 17	1 7	21 18	1 4	23 8	0 20	7 6	2 1	19 43	0 8	18 15	1 40	15 11	16 26	21 47	21 59	15 6	1 18	4 54	
S 31	16n11	22s 3	0n34	17n 2	2s57	5n47	1n 4	21n10	1n 4	23n 9	0s20	7n 3	2n 1	19s43	0n 8	18s15	1n40	15n10	16n25	21n46	22n 0	15s 5	1s19	4n54	

ASTRODIENST EPHEMERIS for the year 1479

geocentric

AUGUST 1479 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	21 11 56	16Ω39°17	27♂21	1Ω23	19♂7	1Ω2	27♂33	17♂0	28♂21	28°R28	29♂40	21°R33	20♂3	28♂26	15°R12	S 1
M 2	21 15 52	17°36'58	9♂14	1°32	20°19	1°40	27°44	17°6	28°21	28°D28	29°42	21♂32	20°0	28°33	15°R9	M 2
T 3	21 19 49	18°34'41	21°5	1°48	21°31	2°19	27°55	17°13	28°21	28♂28	29°43	21°30	19°56	28°40	15°7	T 3
W 4	21 23 45	19°32'25	2♂55	2°12	22°43	2°57	28°6	17°20	28°21	28°28	29°45	21°26	19°53	28°46	15°4	W 4
T 5	21 27 42	20°30'11	14°45	2°43	23°55	3°35	28°16	17°27	28°22	28°28	29°47	21°21	19°50	28°53	15°2	T 5
F 6	21 31 39	21°27'58	26°39	3°22	25°7	4°14	28°27	17°34	28°22	28°28	29°49	21°16	19°47	29°0	14°59	F 6
S 7	21 35 35	22°25'47	8°V38	4°8	26°18	4°52	28°38	17°41	28°23	28°28	29°51	21°11	19°44	29°6	14°57	S 7
S 8	21 39 32	23°23'38	20°45	5°2	27°30	5°30	28°48	17°48	28°23	28°28	29°53	21°6	19°40	29°13	14°54	S 8
M 9	21 43 28	24°21'30	3♂3	6°2	28°42	6°9	28°59	17°55	28°23	28°28	29°55	21°3	19°37	29°20	14°51	M 9
T 10	21 47 25	25°19'24	15°36	7°9	29°54	6°47	29°9	18°2	28°24	28°29	29°57	21°1	19°34	29°26	14°49	T 10
W 11	21 51 21	26°17'20	28°28	8°22	1♂5	7°25	29°19	18°9	28°25	28°29	29°59	21°D1	19°31	29°33	14°46	W 11
T 12	21 55 18	27°15'18	11♂41	9°41	2°17	8°4	29°29	18°16	28°25	28°29	0♂1	21°1	19°28	29°40	14°44	T 12
F 13	21 59 14	28°13'18	25°19	11°6	3°29	8°42	29°39	18°23	28°26	28°30	0°3	21°3	19°25	29°46	14°41	F 13
S 14	22 3 11	29°11'20	9♂24	12°35	4°40	9°20	29°49	18°30	28°27	28°30	0°5	21°4	19°21	29°53	14°38	S 14
S 15	22 7 8	0♂9'23	23°54	14°9	5°52	9°58	29°59	18°38	28°28	28°30	0°7	21°R4	19°18	29°59	14°35	S 15
M 16	22 11 4	1°7'29	8♂47	15°48	7°3	10°36	0♂9	18°45	28°29	28°31	0°9	21°3	19°15	0♂6	14°33	M 16
T 17	22 15 1	2°5'36	23°55	17°30	8°15	11°14	0°18	18°52	28°29	28°31	0°11	21°0	19°12	0°13	14°30	T 17
W 18	22 18 57	3°3'45	9♂11	19°15	9°26	11°53	0°28	18°59	28°30	28°32	0°13	20°55	19°9	0°20	14°27	W 18
T 19	22 22 54	4°1'56	24°23	21°2	10°37	12°31	0°37	19°7	28°31	28°32	0°15	20°49	19°5	0°26	14°24	T 19
F 20	22 26 50	5°0'08	9♂21	22°52	11°49	13°9	0°46	19°14	28°33	28°33	0°18	20°43	19°2	0°33	14°22	F 20
S 21	22 30 47	5°58'22	23°58	24°44	13°0	13°47	0°55	19°21	28°34	28°34	0°20	20°37	18°59	0°40	14°19	S 21
S 22	22 34 43	6°56'37	8♂7	26°37	14°11	14°25	1°4	19°29	28°35	28°34	0°22	20°32	18°56	0°46	14°16	S 22
M 23	22 38 40	7°54'54	21°47	28°31	15°22	15°3	1°13	19°36	28°36	28°35	0°24	20°28	18°53	0°53	14°13	M 23
T 24	22 42 37	8°53'13	4♂59	0♂25	16°33	15°41	1°22	19°43	28°37	28°36	0°26	20°D27	18°50	1°0	14°10	T 24
W 25	22 46 33	9°51'33	17°47	2°20	17°44	16°19	1°31	19°51	28°39	28°36	0°28	20°27	18°46	1°6	14°8	W 25
T 26	22 50 30	10°49'55	0♂14	4°15	18°55	16°57	1°39	19°58	28°40	28°37	0°31	20°28	18°43	1°13	14°5	T 26
F 27	22 54 26	11°48'18	12°25	6°9	20°6	17°35	1°48	20°5	28°42	28°38	0°33	20°30	18°40	1°20	14°2	F 27
S 28	22 58 23	12°46'43	24°24	8°4	21°17	18°12	1°56	20°13	28°43	28°39	0°35	20°R30	18°37	1°26	13°59	S 28
S 29	23 2 19	13°45'09	6♂17	9°58	22°28	18°50	2°4	20°20	28°45	28°40	0°37	20°28	18°34	1°33	13°56	S 29
M 30	23 6 16	14°43'38	18°6	11°51	23°39	19°28	2°12	20°28	28°46	28°40	0°40	20°25	18°31	1°40	13°53	M 30
T 31	23 10 12	15♂42'08	29♂55	13♂44	24♂49	20♂6	2♂20	20♂35	28♂48	28♂41	0♂42	20♂18	18♂27	1♂47	13♂51	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	decl lat	decl lat	decl lat
S 1	15n53	21s16	0s32	17n18	2s40	5n16	1n2	21n2	1n4	23n9	0s20	7n0	2n1	19s43	0n8	18s15
M 2	15 36	19 32	1 36	17 33	2 23	4 46	1 0	20 53	1 4	23 9	0 20	6 57	2 1	19 43	0 8	18 15
T 3	15 18	16 57	2 35	17 47	2 5	4 15	0 57	20 45	1 5	23 10	0 20	6 55	2 1	19 43	0 8	18 15
W 4	15 0	13 41	3 28	17 58	1 48	3 45	0 55	20 36	1 5	23 10	0 20	6 52	2 1	19 43	0 8	18 15
T 5	14 42	9 53	4 11	18 8	1 31	3 14	0 53	20 28	1 5	23 10	0 20	6 49	2 1	19 43	0 8	18 15
F 6	14 23	5 41	4 44	18 16	1 13	2 43	0 50	20 19	1 6	23 10	0 20	6 47	2 1	19 43	0 8	18 15
S 7	14 4	1 14	5 5	18 22	0 57	2 12	0 47	20 10	1 6	23 10	0 20	6 44	2 1	19 43	0 8	18 15
S 8	13 46	3n18	5 12	18 25	0 40	1 41	0 45	20 1	1 6	23 11	0 20	6 41	2 0	19 43	0 8	18 15
M 9	13 26	7 47	5 5	18 25	0 25	1 10	0 42	19 52	1 6	23 11	0 19	6 38	2 0	19 44	0 8	18 15
T 10	13 7	12 2	4 44	18 23	0 9	0 38	0 39	19 42	1 7	23 11	0 19	6 35	2 0	19 44	0 8	18 15
W 11	12 47	15 50	4 8	18 18	0n5	0 7	0 36	19 33	1 7	23 11	0 19	6 33	2 0	19 44	0 8	18 16
T 12	12 28	18 59	3 18	18 10	0 18	0s24	0 33	19 23	1 7	23 11	0 19	6 30	2 0	19 44	0 8	18 16
F 13	12 7	21 10	2 16	17 59	0 31	0 55	0 30	19 13	1 8	23 11	0 19	6 27	2 0	19 44	0 8	18 16
S 14	11 47	22 7	1 3	17 46	0 43	1 26	0 27	19 4	1 8	23 11	0 19	6 24	2 0	19 44	0 8	18 16
S 15	11 27	21 38	0n15	17 29	0 54	1 58	0 24	18 54	1 8	23 11	0 19	6 21	2 0	19 45	0 8	18 16
M 16	11 6	19 38	1 35	17 9	1 3	2 29	0 21	18 43	1 8	23 11	0 19	6 18	2 0	19 45	0 8	18 16
T 17	10 46	16 14	2 49	16 47	1 12	3 0	0 18	18 33	1 9	23 11	0 19	6 16	2 0	19 45	0 8	18 16
W 18	10 25	11 43	3 51	16 21	1 20	3 31	0 15	18 23	1 9	23 11	0 19	6 13	2 0	19 45	0 8	18 17
T 19	10 3	6 28	4 37	15 53	1 27	4 2	0 12	18 12	1 9	23 11	0 19	6 10	2 0	19 46	0 8	18 17
F 20	9 42	0 55	5 3	15 23	1 32	4 33	0 8	18 2	1 9	23 11	0 19	6 7	2 0	19 46	0 8	18 17
S 21	9 21	4s32	5 8	14 50	1 37	5 4	0 5	17 51	1 10	23 11	0 19	6 4	2 0	19 46	0 8	18 17
S 22	8 59	9 36	4 55	14 16	1 41	5 35	0 2	17 40	1 10	23 11	0 19	6 1	2 0	19 46	0 8	18 17
M 23	8 37	14 0	4 24	13 39	1 44	6 6	0s2	17 29	1 10	23 11	0 19	5 58	2 0	19 47	0 8	18 18
T 24	8 16	17 34	3 41	13 1	1 46	6 36	0 5	17 18	1 11	23 11	0 19	5 55	2 0	19 47	0 8	18 18
W 25	7 54	20 10	2 47	12 21	1 48	7 7	0 9	17 7	1 11	23 11	0 19	5 52	2 0	19 47	0 8	18 18
T 26	7 31	21 43	1 47	11 40	1 48	7 37	0 12	16 56	1 11	23 11	0 18	5 50	2 0	19 48	0 8	18 18
F 27	7 9	22 12	0 43	10 57	1 48	8 8	0 16	16 44	1 11	23 11	0 18	5 47	2 0	19 48	0 8	18 18
S 28	6 47	21 39	0s21	10 14	1 47	8 38	0 20	16 33	1 11	23 11	0 18	5 44	2 0	19 48	0 8	18 19
S 29	6 24	20 7	1 24	9 29	1 46	9 7	0 23	16 21	1 12	23 11	0 18	5 41	2 0	19 49	0 8	18 19
M 30	6 2	17 42	2 23	8 44	1 44	9 37	0 27	16 10	1 12	23 11	0 18	5 38	2 0	19 49	0 8	18 19
T 31	5n39	14s34	3s15	7n58	1n41	10s7	0s30	15n58	1n12	23n11	0s18	5n35	2n0	19s49	0n8	18s19

Julian Day Number = 2261474.5, Delta T = 05m33s

Ecliptic obliquity = 23°30'22", Nutation = - 0°00'15", out-of-bounds declination in red

Ayanamsha: Fagan/Bradley = 17°28'46", Lahiri = 16°35'46" Julian Calendar 1 Aug. 1479 == Greg. Calendar 10 Aug. 1479

ASTRODIENST EPHEMERIS for the year 1479

geocentric

SEPTEMBER 1479 JC

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	23 14 9	16 ¹⁰ 40'40	11 ¹¹ 46	15 ¹⁰ 36	26 ²⁶ 0	20 ¹⁰ 44	2 ²² 27	20 ¹⁰ 43	28 ¹⁰ 49	28 ¹⁰ 42	0 ²⁶ 44	20°R10	18 ²⁶ 24	1 ¹¹ 53	13°R48	W 1
T 2	23 18 5	17°39'13	23°42	17°27	27°11	21°22	2°35	20°50	28°51	28°43	0°46	20 ²⁶ 0	18°21	2°0	13 ¹¹ 45	T 2
F 3	23 22 2	18°37'49	5 ¹⁰ 42	19°17	28°21	21°59	2°43	20°57	28°53	28°44	0°49	19°49	18°18	2°7	13°42	F 3
S 4	23 25 59	19°36'27	17°49	21°6	29°32	22°37	2°50	21°5	28°55	28°45	0°51	19°38	18°15	2°13	13°39	S 4
S 5	23 29 55	20°35'07	0 ¹⁰ 5	22°54	0 ¹⁰ 42	23°15	2°57	21°12	28°56	28°46	0°53	19°28	18°11	2°20	13°36	S 5
M 6	23 33 52	21°33'49	12°30	24°42	1°52	23°53	3°4	21°20	28°58	28°48	0°55	19°19	18°8	2°27	13°34	M 6
T 7	23 37 48	22°32'33	25°7	26°28	3°2	24°30	3°11	21°27	29°0	28°49	0°58	19°13	18°5	2°33	13°31	T 7
W 8	23 41 45	23°31'20	7 ¹¹ 59	28°13	4°13	25°8	3°18	21°35	29°2	28°50	1°0	19°10	18°2	2°40	13°28	W 8
T 9	23 45 41	24°30'09	21°8	29°58	5°23	25°46	3°24	21°42	29°4	28°51	1°2	19°D 9	17°59	2°47	13°25	T 9
F 10	23 49 38	25°29'00	4 ²⁶ 38	1 ²⁶ 41	6°33	26°23	3°31	21°50	29°6	28°52	1°5	19°9	17°56	2°53	13°22	F 10
S 11	23 53 34	26°27'54	18°31	3°24	7°43	27°1	3°37	21°57	29°9	28°53	1°7	19°R10	17°52	3°0	13°20	S 11
S 12	23 57 31	27°26'50	2 ²⁶ 47	5°6	8°53	27°39	3°43	22°4	29°11	28°55	1°9	19°9	17°49	3°7	13°17	S 12
M13	0 1 28	28°25'48	17°25	6°46	10°2	28°16	3°49	22°12	29°13	28°56	1°12	19°6	17°46	3°13	13°14	M13
T 14	0 5 24	29°24'49	2 ¹⁰ 22	8°26	11°12	28°54	3°55	22°19	29°15	28°57	1°14	19°1	17°43	3°20	13°12	T 14
W15	0 9 21	0 ²⁶ 23'51	17°29	10°5	12°22	29°32	4°0	22°27	29°17	28°59	1°16	18°53	17°40	3°27	13°9	W15
T 16	0 13 17	1°22'56	2 ²⁶ 38	11°43	13°31	0 ¹⁰ 9	4°6	22°34	29°20	29°0	1°19	18°43	17°37	3°33	13°6	T 16
F 17	0 17 14	2°22'03	17°38	13°21	14°41	0°47	4°11	22°41	29°22	29°2	1°21	18°32	17°33	3°40	13°4	F 17
S 18	0 21 10	3°21'12	2 ¹⁰ 19	14°57	15°50	1°24	4°16	22°49	29°25	29°3	1°23	18°21	17°30	3°47	13°1	S 18
S 19	0 25 7	4°20'22	16°35	16°33	17°0	2°2	4°21	22°56	29°27	29°4	1°26	18°12	17°27	3°54	12°58	S 19
M20	0 29 3	5°19'35	0 ²⁶ 21	18°7	18°9	2°39	4°26	23°4	29°29	29°6	1°28	18°6	17°24	4°0	12°56	M20
T 21	0 33 0	6°18'49	13°39	19°42	19°18	3°17	4°30	23°11	29°32	29°7	1°30	18°2	17°21	4°7	12°53	T 21
W22	0 36 57	7°18'06	26°29	21°15	20°27	3°54	4°35	23°18	29°35	29°9	1°33	18°0	17°17	4°14	12°51	W22
T 23	0 40 53	8°17'24	8 ²⁶ 57	22°47	21°36	4°31	4°39	23°25	29°37	29°11	1°35	18°D 0	17°14	4°20	12°48	T 23
F 24	0 44 50	9°16'44	21°7	24°19	22°45	5°9	4°43	23°33	29°40	29°12	1°37	18°R 0	17°11	4°27	12°46	F 24
S 25	0 48 46	10°16'05	3 ²⁶ 5	25°50	23°54	5°46	4°47	23°40	29°42	29°14	1°40	17°59	17°8	4°34	12°43	S 25
S 26	0 52 43	11°15'29	14°56	27°20	25°3	6°24	4°51	23°47	29°45	29°15	1°42	17°56	17°5	4°40	12°41	S 26
M27	0 56 39	12°14'54	26°44	28°50	26°11	7°1	4°54	23°54	29°48	29°17	1°44	17°51	17°2	4°47	12°39	M27
T 28	1 0 36	13°14'21	8 ¹¹ 34	0 ¹⁰ 19	27°19	7°38	4°58	24°2	29°51	29°19	1°46	17°43	16°58	4°54	12°36	T 28
W29	1 4 32	14°13'50	20°29	1°47	28°28	8°15	5°1	24°9	29°54	29°20	1°49	17°33	16°55	5°0	12°34	W29
T 30	1 8 29	15 ²⁶ 13'21	2 ¹⁰ 31	3 ¹⁰ 14	29 ¹⁰ 36	8 ¹⁰ 53	5 ²⁶ 4	24 ¹⁰ 16	29 ¹⁰ 56	29 ¹⁰ 22	1 ²⁶ 51	17 ²⁶ 20	16 ²⁶ 52	5 ¹¹ 7	12 ¹¹ 32	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	decl	lat
W 1	5n16	10s51	3s59	7n12	1n38	10s36	0s34	15n46	1n12	23n11	0s18	5n32	2n 0	19s50	0n 8	18s20	1n38	14n38	16n18	21n59	22n14	14s 8	1s52	4n54			
T 2	4 54	6 41	4 33	6 26	1 35	11 5	0 38	15 34	1 13	23 11	0 18	5 29	2 0	19 50	0 8	18 20	1 38	14 37	16 18	22 1	22 15	14 7	1 53	4 54			
F 3	4 31	2 14	4 55	5 39	1 31	11 34	0 42	15 22	1 13	23 11	0 18	5 26	2 0	19 50	0 8	18 20	1 38	14 36	16 18	22 2	22 15	14 5	1 54	4 54			
S 4	4 8	2n20	5 4	4 52	1 27	12 3	0 45	15 10	1 13	23 11	0 18	5 23	2 0	19 51	0 8	18 20	1 38	14 35	16 18	22 4	22 16	14 3	1 55	4 54			
S 5	3 44	6 52	4 59	4 5	1 22	12 31	0 49	14 58	1 13	23 11	0 18	5 20	2 0	19 51	0 8	18 21	1 38	14 34	16 18	22 5	22 16	14 1	1 56	4 54			
M 6	3 21	11 11	4 40	3 18	1 17	12 59	0 53	14 45	1 14	23 10	0 18	5 18	2 1	19 52	0 8	18 21	1 38	14 33	16 18	22 7	22 16	13 59	1 57	4 54			
T 7	2 58	15 6	4 7	2 30	1 12	13 27	0 57	14 33	1 14	23 10	0 18	5 15	2 1	19 52	0 8	18 21	1 38	14 32	16 18	22 7	22 17	13 57	1 59	4 54			
W 8	2 35	18 24	3 21	1 43	1 6	13 54	1 1	14 20	1 14	23 10	0 18	5 12	2 1	19 53	0 8	18 22	1 38	14 31	16 18	22 8	22 17	13 56	2 0	4 54			
T 9	2 11	20 49	2 23	0 57	1 1	14 22	1 4	14 8	1 14	23 10	0 18	5 9	2 1	19 53	0 8	18 22	1 38	14 30	16 18	22 8	22 18	13 54	2 1	4 54			
F 10	1 48	22 9	1 17	0 10	0 55	14 49	1 8	13 55	1 14	23 10	0 18	5 6	2 1	19 54	0 8	18 22	1 38	14 29	16 18	22 8	22 18	13 52	2 2	4 53			
S 11	1 25	22 10	0 3	0s37	0 49	15 15	1 12	13 43	1 15	23 10	0 17	5 3	2 1	19 54	0 7	18 23	1 38	14 28	16 18	22 8	22 19	13 50	2 3	4 53			
S 12	1 1	20 45	1n12	1 23	0 42	15 42	1 16	13 30	1 15	23 10	0 17	5 0	2 1	19 55	0 7	18 23	1 38	14 27	16 18	22 8	22 19	13 48	2 5	4 53			
M13	0 38	17 57	2 24	2 9	0 36	16 7	1 19	13 17	1 15	23 10	0 17	4 57	2 1	19 55	0 7	18 23	1 38	14 26	16 18	22 8	22 19	13 46	2 6	4 53			
T 14	0 14	13 54	3 28	2 54	0 29	16 33	1 23	13 4	1 15	23 10	0 17	4 54	2 1	19 56	0 7	18 24	1 38	14 25	16 18	22 9	22 20	13 44	2 7	4 53			
W15	0s10	8 55	4 18	3 39	0 23	16 58	1 27	12 51	1 16	23 10	0 17	4 51	2 1	19 56	0 7	18 24	1 38	14 24	16 18	22 10	22 20	13 43	2 8	4 53			
T 16	0 33	3 23	4 50	4 24	0 16	17 23	1 31	12 38	1 16	23 9	0 17	4 49	2 1	19 57	0 7	18 24	1 38	14 23	16 18	22 12	22 21	13 41	2 9	4 53			
F 17	0 57	2s18	5 2	5 9	0 9	17 48	1 35	12 25	1 16	23 9	0 17	4 46	2 1	19 57	0 7	18 25	1 37	14 22	16 18	22 13	22 21	13 39	2 10	4 52			
S 18	1 20	7 44	4 53	5 52	0 2	18 12	1 38	12 11	1 16	23 9	0 17	4 43	2 1	19 58	0 7	18 25	1 37	14 22	16 18	22 15	22 21	13 37	2 11	4 52			
S 19	1 44	12 35	4 26	6 36	0s 5	18 35	1 42	11 58	1 16	23 9	0 17	4 40	2 1	19 58	0 7	18 25	1 37	14 21	16 18	22 16	22 22	13 35	2 13	4 52			
M20	2 7	16 38	3 44	7 19	0 12	18 58	1 46	11 45	1 17	23 9	0 17	4 37	2 1	19 59	0 7	18 26	1 37	14 20	16 18	22 17	22 22	13 33	2 14	4 52			
T 21	2 31	19 40	2 51	8 1	0 19	19 21	1 49	11 31	1 17	23 9	0 17	4 34	2 1	19 59	0 7	18 26	1 37	14 19	16 18	22 17	22 23	13 31	2 15	4 52			
W22	2 54	21 36	1 51	8 43	0 26	19 43	1 53	11 18	1 17	23 9	0 17	4 32	2 2	20 0	0 7	18 27	1 37	14 18	16 18	22 18	22 23	13 29	2 16	4 52			
T 23	3 18	22 25	0 48	9 24	0 33	20 5	1 56	11 4	1 17	23 9	0 17	4 29	2 2	20 0	0 7	18 27	1 37	14 17	16 18	22 18	22 23	13 27	2 17	4 51			
F 24	3 41	22 7	0s17	10 5	0 40	20 27	2 0	10 51	1 17	23 9	0 17	4 26	2 2	20 1	0 7	18 27	1 37	14 17	16 18	22 18	22 24	13 25	2 18	4 51			
S 25	4 5	20 48	1 19	10 45	0 47	20 48	2 4	10 37	1 17	23 9	0 17	4 23	2 2	20 2	0 7	18 28	1 37	14 16	16 18	22 18	22 24	13 24	2 19	4 51			
S 26	4 28	18 35	2 17	11 24	0 54	21 8	2 7	10 24	1 18	23 9	0 16	4 20	2 2	20 2	0 7	18 28	1 37	14 15	16 18	22 18	22 25	13 22	2 20	4 51			
M27	4 51	15 36	3 10	12 3	1 1	21 28	2 10	10 10	1 18	23 8	0 16	4 18	2 2	20 3	0 7	18 28	1 37	14 14	16 18	22 19	22 25	13 20	2 22	4 51			
T 28	5 14	11 59	3 53	12 40	1 8	21 47	2 14	9 56	1 18	23 8	0 16	4 15	2 2	20 3	0 7	18 29	1 37	14 13	16 19	22 20	22 26	13 18	2 23	4 50			
W29	5 38	7 52	4 27	13 18	1 15	22 6	2 17	9 42	1 18	23 8	0 16	4 12	2 2	20 4	0 7	18 29	1 37	14 13	16 19	22 21	22 26	13 16	2 24	4 50			
T 30	6s 1	3s25	4s50	13s54	1s22	22s24	2s21	9n28	1n18	23n 8	0s16	4n 9	2n 2	20s 5	0n 7	18s30	1n37	14n12	16n19	22n23	22n26	13s14	2s25	4n50			

ASTRODIENST EPHEMERIS for the year 1479

geocentric

OCTOBER 1479 JC

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	1 12 25	16 [♂] 12'54	14 [♂] 42	4 [♂] 41	0 [♂] 44	9 [♂] 30	5 [♂] 7	24 [♂] 23	29 [♂] 59	29 [♂] 24	1 [♂] 53	17 [♂] R 6	16 [♂] 49	5 [♂] 14	12 [♂] R29	F 1
S 2	1 16 22	17 [♂] 12'29	27 [♂] 2	6 [♂] 7	1 [♂] 52	10 [♂] 7	5 [♂] 9	24 [♂] 30	0 [♂] 2	29 [♂] 26	1 [♂] 56	16 [♂] 51	16 [♂] 46	5 [♂] 20	12 [♂] 27	S 2
S 3	1 20 19	18 [♂] 12'06	9 [♂] 32	7 [♂] 31	3 [♂] 0	10 [♂] 44	5 [♂] 12	24 [♂] 37	0 [♂] 5	29 [♂] 27	1 [♂] 58	16 [♂] 38	16 [♂] 42	5 [♂] 27	12 [♂] 25	S 3
M 4	1 24 15	19 [♂] 11'45	22 [♂] 11	8 [♂] 56	4 [♂] 7	11 [♂] 22	5 [♂] 14	24 [♂] 44	0 [♂] 8	29 [♂] 29	2 [♂] 0	16 [♂] 28	16 [♂] 39	5 [♂] 34	12 [♂] 23	M 4
T 5	1 28 12	20 [♂] 11'27	5 [♂] 11	10 [♂] 19	5 [♂] 15	11 [♂] 59	5 [♂] 16	24 [♂] 51	0 [♂] 11	29 [♂] 31	2 [♂] 2	16 [♂] 20	16 [♂] 36	5 [♂] 41	12 [♂] 21	T 5
W 6	1 32 8	21 [♂] 11'10	18 [♂] 4	11 [♂] 41	6 [♂] 22	12 [♂] 36	5 [♂] 18	24 [♂] 58	0 [♂] 14	29 [♂] 33	2 [♂] 5	16 [♂] 15	16 [♂] 33	5 [♂] 47	12 [♂] 19	W 6
T 7	1 36 5	22 [♂] 10'56	1 [♂] 59	13 [♂] 3	7 [♂] 29	13 [♂] 13	5 [♂] 19	25 [♂] 5	0 [♂] 17	29 [♂] 35	2 [♂] 7	16 [♂] 13	16 [♂] 30	5 [♂] 54	12 [♂] 17	T 7
F 8	1 40 1	23 [♂] 10'45	14 [♂] 48	14 [♂] 23	8 [♂] 37	13 [♂] 50	5 [♂] 21	25 [♂] 12	0 [♂] 20	29 [♂] 37	2 [♂] 9	16 [♂] 12	16 [♂] 27	6 [♂] 1	12 [♂] 15	F 8
S 9	1 43 58	24 [♂] 10'35	28 [♂] 34	15 [♂] 42	9 [♂] 43	14 [♂] 27	5 [♂] 22	25 [♂] 19	0 [♂] 23	29 [♂] 39	2 [♂] 11	16 [♂] 12	16 [♂] 23	6 [♂] 7	12 [♂] 13	S 9
S 10	1 47 54	25 [♂] 10'28	12 [♂] 37	17 [♂] 0	10 [♂] 50	15 [♂] 4	5 [♂] 23	25 [♂] 26	0 [♂] 27	29 [♂] 41	2 [♂] 13	16 [♂] 11	16 [♂] 20	6 [♂] 14	12 [♂] 11	S 10
M 11	1 51 51	26 [♂] 10'23	26 [♂] 58	18 [♂] 17	11 [♂] 57	15 [♂] 41	5 [♂] 24	25 [♂] 32	0 [♂] 30	29 [♂] 43	2 [♂] 16	16 [♂] 8	16 [♂] 17	6 [♂] 21	12 [♂] 9	M 11
T 12	1 55 48	27 [♂] 10'20	11 [♂] 33	19 [♂] 33	13 [♂] 3	16 [♂] 18	5 [♂] 25	25 [♂] 39	0 [♂] 33	29 [♂] 44	2 [♂] 18	16 [♂] 3	16 [♂] 14	6 [♂] 27	12 [♂] 7	T 12
W 13	1 59 44	28 [♂] 10'19	26 [♂] 19	20 [♂] 47	14 [♂] 10	16 [♂] 55	5 [♂] 25	25 [♂] 46	0 [♂] 36	29 [♂] 46	2 [♂] 20	15 [♂] 55	16 [♂] 11	6 [♂] 34	12 [♂] 6	W 13
T 14	2 3 41	29 [♂] 10'21	11 [♂] 48	21 [♂] 59	15 [♂] 16	17 [♂] 32	5 [♂] 25	25 [♂] 53	0 [♂] 40	29 [♂] 48	2 [♂] 22	15 [♂] 44	16 [♂] 8	6 [♂] 41	12 [♂] 4	T 14
F 15	2 7 37	0 [♂] 10'24	25 [♂] 52	23 [♂] 9	16 [♂] 22	18 [♂] 9	5 [♂] R25	25 [♂] 59	0 [♂] 43	29 [♂] 50	2 [♂] 24	15 [♂] 33	16 [♂] 4	6 [♂] 47	12 [♂] 2	F 15
S 16	2 11 34	1 [♂] 10'30	10 [♂] 23	24 [♂] 18	17 [♂] 27	18 [♂] 46	5 [♂] 25	26 [♂] 6	0 [♂] 46	29 [♂] 52	2 [♂] 26	15 [♂] 21	16 [♂] 1	6 [♂] 54	12 [♂] 1	S 16
S 17	2 15 30	2 [♂] 10'37	24 [♂] 34	25 [♂] 24	18 [♂] 33	19 [♂] 23	5 [♂] 25	26 [♂] 12	0 [♂] 49	29 [♂] 55	2 [♂] 28	15 [♂] 12	15 [♂] 58	7 [♂] 1	11 [♂] 59	S 17
M 18	2 19 27	3 [♂] 10'46	8 [♂] 20	26 [♂] 28	19 [♂] 38	20 [♂] 0	5 [♂] 24	26 [♂] 19	0 [♂] 53	29 [♂] 57	2 [♂] 30	15 [♂] 4	15 [♂] 55	7 [♂] 8	11 [♂] 58	M 18
T 19	2 23 23	4 [♂] 10'57	21 [♂] 39	27 [♂] 29	20 [♂] 43	20 [♂] 37	5 [♂] 24	26 [♂] 25	0 [♂] 56	29 [♂] 59	2 [♂] 32	14 [♂] 59	15 [♂] 52	7 [♂] 14	11 [♂] 56	T 19
W 20	2 27 20	5 [♂] 11'09	4 [♂] 33	28 [♂] 27	21 [♂] 48	21 [♂] 14	5 [♂] 23	26 [♂] 32	1 [♂] 0	0 [♂] 1	2 [♂] 34	14 [♂] 57	15 [♂] 48	7 [♂] 21	11 [♂] 55	W 20
T 21	2 31 17	6 [♂] 11'23	17 [♂] 3	29 [♂] 21	22 [♂] 53	21 [♂] 51	5 [♂] 22	26 [♂] 38	1 [♂] 3	0 [♂] 3	2 [♂] 37	14 [♂] D56	15 [♂] 45	7 [♂] 28	11 [♂] 53	T 21
F 22	2 35 13	7 [♂] 11'39	29 [♂] 16	0 [♂] 12	23 [♂] 57	22 [♂] 28	5 [♂] 20	26 [♂] 44	1 [♂] 6	0 [♂] 5	2 [♂] 39	14 [♂] 57	15 [♂] 42	7 [♂] 34	11 [♂] 52	F 22
S 23	2 39 10	8 [♂] 11'56	11 [♂] 45	0 [♂] 58	25 [♂] 1	23 [♂] 4	5 [♂] 19	26 [♂] 50	1 [♂] 10	0 [♂] 7	2 [♂] 41	14 [♂] R57	15 [♂] 39	7 [♂] 41	11 [♂] 51	S 23
S 24	2 43 6	9 [♂] 12'14	23 [♂] 7	1 [♂] 39	26 [♂] 5	23 [♂] 41	5 [♂] 17	26 [♂] 57	1 [♂] 13	0 [♂] 9	2 [♂] 42	14 [♂] 56	15 [♂] 36	7 [♂] 48	11 [♂] 50	S 24
M 25	2 47 3	10 [♂] 12'34	4 [♂] 57	2 [♂] 15	27 [♂] 9	24 [♂] 18	5 [♂] 15	27 [♂] 3	1 [♂] 17	0 [♂] 11	2 [♂] 44	14 [♂] 53	15 [♂] 33	7 [♂] 54	11 [♂] 48	M 25
T 26	2 50 59	11 [♂] 12'56	16 [♂] 49	2 [♂] 44	28 [♂] 12	24 [♂] 54	5 [♂] 13	27 [♂] 9	1 [♂] 20	0 [♂] 13	2 [♂] 46	14 [♂] 47	15 [♂] 29	8 [♂] 1	11 [♂] 47	T 26
W 27	2 54 56	12 [♂] 13'18	28 [♂] 48	3 [♂] 7	29 [♂] 15	25 [♂] 31	5 [♂] 11	27 [♂] 15	1 [♂] 24	0 [♂] 16	2 [♂] 48	14 [♂] 39	15 [♂] 26	8 [♂] 8	11 [♂] 46	W 27
T 28	2 58 52	13 [♂] 13'43	10 [♂] 56	3 [♂] 23	0 [♂] 18	26 [♂] 8	5 [♂] 8	27 [♂] 21	1 [♂] 27	0 [♂] 18	2 [♂] 50	14 [♂] 29	15 [♂] 23	8 [♂] 14	11 [♂] 45	T 28
F 29	3 2 49	14 [♂] 14'09	23 [♂] 17	3 [♂] R30	1 [♂] 21	26 [♂] 44	5 [♂] 5	27 [♂] 27	1 [♂] 31	0 [♂] 20	2 [♂] 52	14 [♂] 17	15 [♂] 20	8 [♂] 21	11 [♂] 44	F 29
S 30	3 6 46	15 [♂] 14'36	5 [♂] 51	3 [♂] 29	2 [♂] 23	27 [♂] 21	5 [♂] 2	27 [♂] 32	1 [♂] 35	0 [♂] 22	2 [♂] 54	14 [♂] 6	15 [♂] 17	8 [♂] 28	11 [♂] 43	S 30
S 31	3 10 42	16 [♂] 15'05	18 [♂] 38	3 [♂] 17	3 [♂] 25	27 [♂] 58	4 [♂] 59	27 [♂] 38	1 [♂] 38	0 [♂] 24	2 [♂] 56	13 [♂] 55	15 [♂] 14	8 [♂] 35	11 [♂] 43	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
F 1	6s24	1n12	4s59	14s30	1s28	22s42	2s24	9n14	1n19	23n 8	0s16	4n 7	2n 2	20s 5	0n 7	18s30	1n37	14n11	16n19	22n25	22n27	13s12	2s26	4n50			
S 2	6 47	5 51	4 55	15 5	1 35	22 59	2 27	9 1	1 19	23 8	0 16	4 4	2 3	20 6	0 7	18 31	1 37	14 10	16 19	22 26	22 27	13 10	2 27	4 49			
S 3	7 9	10 20	4 36	15 39	1 41	23 16	2 30	8 47	1 19	23 8	0 16	4 1	2 3	20 6	0 7	18 31	1 37	14 10	16 19	22 28	22 28	13 8	2 28	4 49			
M 4	7 32	14 26	4 4	16 12	1 47	23 32	2 33	8 33	1 19	23 8	0 16	3 58	2 3	20 7	0 7	18 31	1 37	14 9	16 20	22 29	22 28	13 6	2 29	4 49			
T 5	7 55	17 56	3 19	16 45	1 53	23 48	2 36	8 18	1 19	23 8	0 16	3 56	2 3	20 8	0 7	18 32	1 37	14 8	16 20	22 30	22 28	13 4	2 30	4 49			
W 6	8 17	20 36	2 23	17 16	1 59	24 3	2 39	8 4	1 19	23 8	0 16	3 53	2 3	20 8	0 7	18 32	1 37	14 7	16 20	22 31	22 29	13 2	2 31	4 48			
T 7	8 40	22 12	1 18	17 47	2 5	24 17	2 42	7 50	1 20	23 8	0 16	3 51	2 3	20 9	0 7	18 33	1 37	14 7	16 20	22 31	22 29	13 0	2 32	4 48			
F 8	9 2	22 34	0 7	18 16	2 10	24 31	2 45	7 36	1 20	23 8	0 16	3 48	2 3	20 10	0 7	18 33	1 37	14 6	16 20	22 31	22 29	12 58	2 33	4 48			
S 9	9 24	21 34	1n 5	18 45	2 15	24 44	2 47	7 22	1 20	23 8	0 16	3 45	2 3	20 10	0 7	18 34	1 37	14 5	16 21	22 31	22 30	12 56	2 34	4 48			
S 10	9 46	19 13	2 15	19 12	2 20	24 56	2 50	7 8	1 20	23 8	0 15	3 43	2 4	20 11	0 7	18 34	1 37	14 5	16 21	22 31	22 30	12 54	2 35	4 47			
M 11	10 8	15 39	3 18	19 38	2 25	25 8	2 53	6 53	1 20	23 8	0 15	3 40	2 4	20 12	0 7	18 34	1 36	14 4	16 21	22 32	22 31	12 52	2 36	4 47			
T 12	10 30	11 5	4 9	20 4	2 29	25 19	2 55	6 39	1 20	23 8	0 15	3 38	2 4	20 12	0 7	18 35	1 36	14 3	16 21	22 32	22 31	12 50	2 37	4 47			
W 13	10 51	5 48	4 44	20 28	2 33	25 30	2 57	6 25	1 20	23 8	0 15	3 35	2 4	20 13	0 7	18 35	1 36	14 3	16 21	22 33	22 31	12 49	2 38	4 47			
T 14	11 13	0 11	5 0	20 50	2 37	25 40	3 0	6 10	1 21	23 9	0 15	3 33	2 4	20 14	0 7	18 36	1 36	14 2	16 22	22 35	22 32	12 47	2 38	4 46			
F 15	11 34	5s25	4 56	21 12	2 40	25 49	3 2	5 56	1 21	23 9	0 15	3 30	2 4	20 15	0 7	18 36	1 36	14 2	16 22	22 36	22 32	12 45	2 39	4 46			
S 16	11 55	10 39	4 33	21 32	2 43	25 58	3 4	5 42	1 21	23 9	0 15	3 28	2 4	20 15	0 7	18 37	1 36	14 1	16 22	22 37	22 33	12 43	2 40	4 46			
S 17	12 16	15 11	3 54	21 51	2 46	26 6	3 6	5 27	1 21	23 9	0 15	3 25	2 5	20 16	0 7	18 37	1 36	14 0	16 23	22 38	22 33	12 41	2 41	4 46			
M 18	12 36	18 46	3 1	22 8	2 47	26 13	3 8	5 13	1 21	23 9	0 15	3 23	2 5	20 17	0 7	18 38	1 36	14 0	16 23	22 39	22 33	12 39	2 42	4 45			
T 19	12 57	21 14	2 0	22 23	2 49	26 20	3 10	4 58	1 21	23 9	0 15	3 20	2 5	20 17	0 7	18 38	1 36	13 59	16 23	22 40	22 34	12 37	2 43	4 45			
W 20	13 17	22 31	0 55	22 37	2 49	26 26	3 11	4 44	1 21	23 9	0 15	3 18	2 5	20 18	0 7	18 39	1 36	13 59	16 23	22 40	22 34	12 35	2 44	4 45			
T 21	13 37	22 36	0s11	22 49	2 49	26 31	3 13	4 29	1 22	23 9	0 15	3 15	2 5	20 19	0 7	18 39	1 36	13 58	16 24	22 40	22 34	12 33	2 44	4 44			
F 22	13 57	21 36	1 16	22 59	2 48	26 36	3 14	4 15	1 22	23 9	0 14	3 13	2 5	20 20	0 7	18 39	1 36	13 58	16 24	22 40	22 35	12 31	2 45	4 44			
S 23	14 17	19 37	2 15	23 8	2 47	26 40	3 15	4 1	1 22	23 10	0 14	3 11	2 6	20 20	0 7	18 40	1 36	13 57	16 24	22 40	22 35	12 28	2 46	4 44			
S 24	14 36	16 49	3 9	23 14	2 44	26 43	3 17	3 46	1 22	23 10	0 14	3 8	2 6	20 21	0 7	18 40	1 36	13 57	16 25	22 40	22 36	12 26	2 47	4 44			
M 25	14 55	13 21	3 54	23 18	2 41	26 46	3 18	3 32	1 22	23 10	0 14	3 6	2 6	20 22	0 7	18 41	1 36	13 56	16 25	22 40	22 36	12 24	2 47	4 43			
T 26	15 14	9 20	4 29	23 19	2 36	26 48	3 19	3 17	1 22	23 10	0 14	3 4	2 6	20 22	0 7	18 41	1 36	13 56	16 26	22 41	22 36	12 22	2 48	4 43			
W 27	15 33	4 57	4 52	23 18	2 30	26 50	3 19	3 3	1 22	23 10	0 14	3 2	2 6	20 23	0 7	18 42	1 36	13 56	16 26	22 42	22 37	12 20	2 49	4 43			
T 28	15 51	0 18	5 3	23 14	2 23	26 50	3 20	2 48	1 22	23 10	0 14	3 0	2 7	20 24	0 7	18 42	1 36	13 55	16 26	22 43	22 37	12 18	2 49	4 42			
F 29	16 9	4n25	5 0	23 7	2 25	26 51	3 21	2 34	1 23	23 11	0 14	2 57	2 7	20 25	0 7	18 43	1 36	13 55	16 27	22 44	22 37	12 16	2 50	4 42			
S 30	16 27	9 4	4 42	22 57	2 5	26 50	3 21	2 19	1 23	23 11	0 14	2 55	2 7	20 25	0 7	18 43	1 36	13 54	16 27	22 45	22 38	12 14	2 51	4 42			
S 31	16s45	13n24	4s10	22s43	1s53	26s49	3s21	2n 5	1n23	23n11	0s14	2n53	2n 7	20s26	0n 7	18s44	1n36	13n54	16n27	22n47	22n38	12s12	2s51	4n41			

ASTRODIENST EPHEMERIS for the year 1479

geocentric

NOVEMBER 1479 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	3 14 39	17 ¹¹ 15'36	1 ¹¹ 38	2°R56	4 ² 26	28 ¹¹ 34	4°R56	27 ¹¹ 44	1 ² 42	0 ² 27	2 ² 58	13°R47	15 ² 10	8 ¹ 41	11°R42	M 1
T 2	3 18 35	18°16'08	14°50	2 ² 25	5°27	29°11	4 ² 52	27°50	1°45	0°29	2°59	13 ² 41	15° 7	8°48	11°R41	T 2
W 3	3 22 32	19°16'42	28°12	1°43	6°28	29°47	4°49	27°55	1°49	0°31	3° 1	13°37	15° 4	8°55	11°41	W 3
T 4	3 26 28	20°17'17	11 ² 45	0°50	7°28	0 ² 24	4°45	28° 1	1°53	0°33	3° 3	13°D36	15° 1	9° 1	11°40	T 4
F 5	3 30 25	21°17'55	25°27	29 ¹¹ 49	8°28	1° 0	4°41	28° 6	1°56	0°36	3° 5	13°36	14°58	9° 8	11°39	F 5
S 6	3 34 21	22°18'34	9 ² 19	28°39	9°28	1°36	4°37	28°11	2° 0	0°38	3° 6	13°38	14°54	9°15	11°39	S 6
S 7	3 38 18	23°19'15	23°19	27°22	10°27	2°13	4°32	28°17	2° 3	0°40	3° 8	13°R38	14°51	9°21	11°38	S 7
M 8	3 42 15	24°19'57	7 ¹¹ 29	26° 2	11°25	2°49	4°28	28°22	2° 7	0°42	3°10	13°37	14°48	9°28	11°38	M 8
T 9	3 46 11	25°20'41	21°45	24°40	12°24	3°25	4°23	28°27	2°11	0°45	3°11	13°34	14°45	9°35	11°38	T 9
W10	3 50 8	26°21'27	6 ² 6	23°19	13°21	4° 2	4°18	28°32	2°14	0°47	3°13	13°30	14°42	9°42	11°38	W10
T 11	3 54 4	27°22'14	20°27	22° 2	14°19	4°38	4°13	28°37	2°18	0°49	3°14	13°23	14°39	9°48	11°37	T 11
F 12	3 58 1	28°23'03	4 ¹¹ 44	20°51	15°15	5°14	4° 7	28°42	2°22	0°51	3°16	13°15	14°35	9°55	11°37	F 12
S 13	4 1 57	29°23'53	18°51	19°49	16°12	5°50	4° 2	28°47	2°25	0°54	3°17	13° 8	14°32	10° 2	11°37	S 13
S 14	4 5 54	0 ² 24'45	2 ² 42	18°56	17° 7	6°27	3°56	28°52	2°29	0°56	3°19	13° 1	14°29	10° 8	11°D37	S 14
M15	4 9 50	1°25'38	16°15	18°15	18° 3	7° 3	3°51	28°56	2°33	0°58	3°20	12°56	14°26	10°15	11°37	M15
T 16	4 13 47	2°26'32	29°27	17°45	18°57	7°39	3°45	29° 1	2°37	1° 0	3°22	12°53	14°23	10°22	11°37	T 16
W17	4 17 44	3°27'27	12 ² 18	17°26	19°51	8°15	3°39	29° 6	2°40	1° 3	3°23	12°D52	14°20	10°28	11°37	W17
T 18	4 21 40	4°28'22	24°48	17°D19	20°44	8°51	3°33	29°10	2°44	1° 5	3°25	12°53	14°16	10°35	11°38	T 18
F 19	4 25 37	5°29'19	7 ² 3	17°22	21°37	9°27	3°26	29°15	2°48	1° 7	3°26	12°55	14°13	10°42	11°38	F 19
S 20	4 29 33	6°30'16	19° 4	17°35	22°29	10° 3	3°20	29°19	2°51	1° 9	3°27	12°56	14°10	10°49	11°38	S 20
S 21	4 33 30	7°31'14	0 ² 58	17°58	23°20	10°39	3°13	29°23	2°55	1°12	3°29	12°58	14° 7	10°55	11°39	S 21
M22	4 37 26	8°32'13	12°49	18°28	24°10	11°15	3° 6	29°27	2°59	1°14	3°30	12°R58	14° 4	11° 2	11°39	M22
T 23	4 41 23	9°33'12	24°41	19° 6	25° 0	11°50	3° 0	29°31	3° 2	1°16	3°31	12°56	14° 0	11° 9	11°40	T 23
W24	4 45 19	10°34'12	6 ² 41	19°50	25°48	12°26	2°53	29°35	3° 6	1°18	3°32	12°53	13°57	11°15	11°40	W24
T 25	4 49 16	11°35'13	18°53	20°41	26°36	13° 2	2°46	29°39	3°10	1°21	3°33	12°49	13°54	11°22	11°41	T 25
F 26	4 53 13	12°36'14	1 ² 19	21°36	27°23	13°38	2°38	29°43	3°13	1°23	3°34	12°44	13°51	11°29	11°41	F 26
S 27	4 57 9	13°37'16	14° 2	22°36	28° 9	14°13	2°31	29°46	3°17	1°25	3°36	12°39	13°48	11°35	11°42	S 27
S 28	5 1 6	14°38'19	27° 3	23°39	28°54	14°49	2°24	29°50	3°21	1°27	3°37	12°34	13°45	11°42	11°43	S 28
M29	5 5 2	15°39'22	10 ² 22	24°46	29°38	15°24	2°16	29°54	3°24	1°29	3°38	12°30	13°41	11°49	11°44	M29
T 30	5 8 59	16 ² 40'26	23 ² 58	25 ¹¹ 56	0 ² 21	16 ² 0	2°26	29°57	3 ² 28	1 ² 32	3 ² 39	12°28	13°38	11 ² 56	11 ² 45	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	decl	lat
M 1	17s 2	17n12	3s25	22s26	1s40	26s47	3s21	1n50	1n23	23n11	0s14	2n51	2n 7	20s27	0n 7	18s44	1n36	13n54	16n28	22n47	22n38	12s10	2s52	4n41			
T 2	17 19	20 12	2 28	22 6	1 25	26 44	3 21	1 36	1 23	23 12	0 13	2 49	2 7	20 28	0 7	18 45	1 36	13 53	16 28	22 48	22 39	12 8	2 52	4 41			
W 3	17 36	22 8	1 22	21 41	1 9	26 41	3 21	1 21	1 23	23 12	0 13	2 47	2 8	20 28	0 7	18 45	1 36	13 53	16 29	22 48	22 39	12 6	2 53	4 40			
T 4	17 52	22 49	0 10	21 13	0 51	26 38	3 20	1 7	1 23	23 12	0 13	2 45	2 8	20 29	0 7	18 46	1 36	13 53	16 29	22 49	22 39	12 4	2 53	4 40			
F 5	18 8	22 9	1n 3	20 42	0 33	26 33	3 20	0 52	1 23	23 12	0 13	2 43	2 8	20 30	0 7	18 46	1 36	13 52	16 29	22 49	22 40	12 2	2 54	4 40			
S 6	18 24	20 7	2 14	20 7	0 13	26 28	3 19	0 38	1 23	23 13	0 13	2 41	2 8	20 30	0 7	18 47	1 36	13 52	16 30	22 48	22 40	12 0	2 54	4 40			
S 7	18 39	16 53	3 17	19 30	0n 8	26 23	3 18	0 24	1 23	23 13	0 13	2 39	2 9	20 31	0 7	18 47	1 36	13 52	16 30	22 48	22 41	11 58	2 55	4 39			
M 8	18 54	12 38	4 9	18 51	0 28	26 17	3 17	0 9	1 23	23 13	0 13	2 37	2 9	20 32	0 7	18 48	1 36	13 52	16 31	22 48	22 41	11 56	2 55	4 39			
T 9	19 9	7 39	4 46	18 12	0 49	26 10	3 16	0s 5	1 24	23 13	0 13	2 35	2 9	20 33	0 7	18 48	1 36	13 51	16 31	22 49	22 41	11 54	2 56	4 39			
W10	19 24	2 14	5 5	17 33	1 8	26 3	3 14	0 20	1 24	23 14	0 13	2 33	2 9	20 33	0 7	18 48	1 36	13 51	16 32	22 49	22 42	11 52	2 56	4 38			
T 11	19 38	3s18	5 5	16 56	1 26	25 55	3 12	0 34	1 24	23 14	0 12	2 32	2 9	20 34	0 7	18 49	1 36	13 51	16 32	22 50	22 42	11 49	2 56	4 38			
F 12	19 51	8 38	4 47	16 22	1 43	25 47	3 10	0 48	1 24	23 14	0 12	2 30	2 10	20 35	0 7	18 49	1 36	13 51	16 33	22 51	22 42	11 47	2 57	4 38			
S 13	20 5	13 27	4 11	15 52	1 57	25 38	3 8	1 3	1 24	23 14	0 12	2 28	2 10	20 36	0 7	18 50	1 36	13 51	16 33	22 51	22 43	11 45	2 57	4 37			
S 14	20 18	17 29	3 20	15 26	2 9	25 29	3 6	1 17	1 24	23 15	0 12	2 26	2 10	20 36	0 7	18 50	1 36	13 50	16 34	22 52	22 43	11 43	2 57	4 37			
M15	20 30	20 29	2 19	15 5	2 19	25 19	3 4	1 31	1 24	23 15	0 12	2 25	2 10	20 37	0 7	18 51	1 36	13 50	16 34	22 53	22 43	11 41	2 58	4 37			
T 16	20 42	22 18	1 12	14 49	2 28	25 9	3 1	1 45	1 24	23 15	0 12	2 23	2 11	20 38	0 7	18 51	1 36	13 50	16 34	22 53	22 44	11 39	2 58	4 36			
W17	20 54	22 53	0 3	14 38	2 33	24 58	2 58	2 0	1 24	23 16	0 12	2 22	2 11	20 39	0 7	18 52	1 36	13 50	16 35	22 53	22 44	11 37	2 58	4 36			
T 18	21 6	22 17	1s 5	14 32	2 38	24 47	2 55	2 14	1 24	23 16	0 12	2 20	2 11	20 39	0 7	18 52	1 36	13 50	16 35	22 53	22 44	11 35	2 58	4 36			
F 19	21 17	20 37	2 8	14 30	2 40	24 35	2 51	2 28	1 24	23 16	0 12	2 19	2 11	20 40	0 7	18 53	1 36	13 50	16 36	22 53	22 45	11 33	2 59	4 35			
S 20	21 27	18 4	3 4	14 33	2 41	24 23	2 48	2 42	1 24	23 16	0 11	2 17	2 12	20 41	0 7	18 53	1 36	13 50	16 36	22 52	22 45	11 31	2 59	4 35			
S 21	21 38	14 47	3 52	14 40	2 40	24 10	2 44	2 56	1 24	23 17	0 11	2 16	2 12	20 41	0 7	18 54	1 36	13 50	16 37	22 52	22 45	11 28	2 59	4 35			
M22	21 47	10 56	4 30	14 50	2 38	23 58	2 40	3 10	1 24	23 17	0 11	2 14	2 12	20 42	0 7	18 54	1 36	13 50	16 38	22 52	22 46	11 26	2 59	4 34			
T 23	21 57	6 39	4 57	15 3	2 35	23 44	2 35	3 24	1 24	23 17	0 11	2 13	2 12	20 43	0 7	18 54	1 36	13 50	16 38	22 52	22 46	11 24	2 59	4 34			
W24	22 6	2 5	5 10	15 19	2 32	23 31	2 31	3 38	1 24	23 18	0 11	2 11	2 13	20 44	0 7	18 55	1 36	13 50	16 39	22 53	22 46	11 22	2 59	4 34			
T 25	22 14	2n38	5 11	15 36	2 27	23 17	2 26	3 52	1 24	23 18	0 11	2 10	2 13	20 44	0 7	18 55	1 36	13 50	16 39	22 53	22 47	11 20	2 59	4 33			
F 26	22 22	7 20	4 56	15 56	2 22	23 2	2 21	4 6	1 25	23 18	0 11	2 9	2 13	20 45	0 7	18 56	1 36	13 50	16 40	22 54	22 47	11 18	2 59	4 33			
S 27	22 30	11 50	4 27	16 17	2 16	22 48	2 15	4 19	1 25	23 18	0 11	2 8	2 13	20 46	0 7	18 56	1 36	13 50	16 40	22 54	22 47	11 16	2 59	4 33			
S 28	22 37	15 55	3 44	16 38	2 10	22 33	2 9	4 33	1 25	23 19	0 10	2 6	2 14	20 46	0 7	18 57	1 36	13 50	16 41	22 55	22 48	11 13	2 59	4 32			
M29	22 44	19 19	2 47	17 1	2 3	22 18	2 3	4 47	1 25	23 19	0 10	2 5	2 14	20 47	0 7	18 57	1 36	13 50	16 41	22 55	22 48	11 11	2 59	4 32			
T 30	22s50	21n42	1s40	17s24	1n56	22s 2	1s57	5s 1	1n25	23n19	0s10	2n 4	2n14	20s48	0n 7	18s58	1n36	13n50	16n42	22n55	22n48	11s 9	2s59	4n32			

ASTRODIENST EPHEMERIS for the year 1479
geocentric

DECEMBER 1479 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	5 12 55	17 [♌] 41'30	7 [♋] 47	27 [♊] 9	1 [♏] 2	16 [♎] 35	2 [♍] R 1	0 [♌] 0	3 [♋] 31	1 [♊] 34	3 [♏] 40	12 [♎] D27	13 [♍] 35	12 [♌] 2	11 [♋] 46	W 1
T 2	5 16 52	18 [♌] 42'36	21 [♋] 47	28 [♊] 24	1 [♏] 43	17 [♎] 11	1 [♍] 53	0 [♌] 3	3 [♋] 35	1 [♊] 36	3 [♏] 41	12 [♎] 27	13 [♍] 32	12 [♌] 9	11 [♋] 47	T 2
F 3	5 20 49	19 [♌] 43'42	5 [♋] 54	29 [♊] 41	2 [♏] 22	17 [♎] 46	1 [♍] 46	0 [♌] 7	3 [♋] 39	1 [♊] 38	3 [♏] 41	12 [♎] 28	13 [♍] 29	12 [♌] 16	11 [♋] 48	F 3
S 4	5 24 45	20 [♌] 44'49	20 [♋] 6	0 [♊] 59	3 [♏] 0	18 [♎] 22	1 [♍] 38	0 [♌] 10	3 [♋] 42	1 [♊] 40	3 [♏] 42	12 [♎] 30	13 [♍] 26	12 [♌] 22	11 [♋] 49	S 4
S 5	5 28 42	21 [♌] 45'56	4 [♋] 19	2 [♊] 19	3 [♏] 37	18 [♎] 57	1 [♍] 30	0 [♌] 13	3 [♋] 46	1 [♊] 43	3 [♏] 43	12 [♎] 31	13 [♍] 22	12 [♌] 29	11 [♋] 50	S 5
M 6	5 32 38	22 [♌] 47'04	18 [♋] 31	3 [♊] 41	4 [♏] 13	19 [♎] 32	1 [♍] 22	0 [♌] 15	3 [♋] 49	1 [♊] 45	3 [♏] 44	12 [♎] R32	13 [♍] 19	12 [♌] 36	11 [♋] 51	M 6
T 7	5 36 35	23 [♌] 48'13	2 [♋] 40	5 [♊] 3	4 [♏] 47	20 [♎] 7	1 [♍] 14	0 [♌] 18	3 [♋] 53	1 [♊] 47	3 [♏] 45	12 [♎] 31	13 [♍] 16	12 [♌] 42	11 [♋] 53	T 7
W 8	5 40 31	24 [♌] 49'23	16 [♋] 44	6 [♊] 27	5 [♏] 19	20 [♎] 43	1 [♍] 6	0 [♌] 21	3 [♋] 56	1 [♊] 49	3 [♏] 45	12 [♎] 30	13 [♍] 13	12 [♌] 49	11 [♋] 54	W 8
T 9	5 44 28	25 [♌] 50'33	0 [♋] 44	7 [♊] 52	5 [♏] 50	21 [♎] 18	0 [♍] 58	0 [♌] 23	4 [♋] 0	1 [♊] 51	3 [♏] 46	12 [♎] 29	13 [♍] 10	12 [♌] 56	11 [♋] 55	T 9
F 10	5 48 24	26 [♌] 51'44	14 [♋] 29	9 [♊] 17	6 [♏] 20	21 [♎] 53	0 [♍] 50	0 [♌] 26	4 [♋] 3	1 [♊] 53	3 [♏] 47	12 [♎] 26	13 [♍] 6	13 [♌] 3	11 [♋] 57	F 10
S 11	5 52 21	27 [♌] 52'55	28 [♋] 6	10 [♊] 43	6 [♏] 48	22 [♎] 28	0 [♍] 42	0 [♌] 28	4 [♋] 7	1 [♊] 55	3 [♏] 47	12 [♎] 24	13 [♍] 3	13 [♌] 9	11 [♋] 58	S 11
S 12	5 56 18	28 [♌] 54'07	11 [♋] 30	12 [♊] 10	7 [♏] 14	23 [♎] 3	0 [♍] 33	0 [♌] 30	4 [♋] 10	1 [♊] 57	3 [♏] 48	12 [♎] 22	13 [♍] 0	13 [♌] 16	12 [♌] 0	S 12
M13	6 0 14	29 [♌] 55'19	24 [♋] 40	13 [♊] 38	7 [♏] 38	23 [♎] 38	0 [♍] 25	0 [♌] 32	4 [♋] 14	1 [♊] 59	3 [♏] 49	12 [♎] 21	12 [♍] 57	13 [♌] 23	12 [♌] 1	M13
T 14	6 4 11	0 [♌] 56'31	7 [♋] 35	15 [♊] 6	8 [♏] 1	24 [♎] 13	0 [♍] 17	0 [♌] 34	4 [♋] 17	2 [♊] 1	3 [♏] 49	12 [♎] D21	12 [♍] 54	13 [♌] 29	12 [♌] 3	T 14
W15	6 8 7	1 [♌] 57'44	20 [♋] 14	16 [♊] 34	8 [♏] 22	24 [♎] 47	0 [♍] 9	0 [♌] 36	4 [♋] 20	2 [♊] 4	3 [♏] 50	12 [♎] 21	12 [♍] 51	13 [♌] 36	12 [♌] 5	W15
T 16	6 12 4	2 [♌] 58'56	2 [♋] 39	18 [♊] 3	8 [♏] 40	25 [♎] 22	0 [♍] 1	0 [♌] 38	4 [♋] 24	2 [♊] 6	3 [♏] 50	12 [♎] 21	12 [♍] 47	13 [♌] 43	12 [♌] 7	T 16
F 17	6 16 0	4 [♌] 0'08	14 [♋] 51	19 [♊] 33	8 [♏] 57	25 [♎] 57	29 [♍] 53	0 [♌] 40	4 [♋] 27	2 [♊] 8	3 [♏] 51	12 [♎] 22	12 [♍] 44	13 [♌] 49	12 [♌] 8	F 17
S 18	6 19 57	5 [♌] 1'20	26 [♋] 52	21 [♊] 3	9 [♏] 12	26 [♎] 31	29 [♍] 45	0 [♌] 41	4 [♋] 30	2 [♊] 10	3 [♏] 51	12 [♎] 23	12 [♍] 41	13 [♌] 56	12 [♌] 10	S 18
S 19	6 23 53	6 [♌] 2'32	8 [♋] 46	22 [♊] 33	9 [♏] 24	27 [♎] 6	29 [♍] 37	0 [♌] 43	4 [♋] 34	2 [♊] 11	3 [♏] 51	12 [♎] 24	12 [♍] 38	14 [♌] 3	12 [♌] 12	S 19
M20	6 27 50	7 [♌] 3'43	20 [♋] 37	24 [♊] 4	9 [♏] 34	27 [♎] 40	29 [♍] 29	0 [♌] 44	4 [♋] 37	2 [♊] 13	3 [♏] 52	12 [♎] 24	12 [♍] 35	14 [♌] 10	12 [♌] 14	M20
T 21	6 31 47	8 [♌] 4'54	2 [♋] 29	25 [♊] 35	9 [♏] 42	28 [♎] 15	29 [♍] 21	0 [♌] 46	4 [♋] 40	2 [♊] 15	3 [♏] 52	12 [♎] 24	12 [♍] 31	14 [♌] 16	12 [♌] 16	T 21
W22	6 35 43	9 [♌] 6'04	14 [♋] 28	27 [♊] 7	9 [♏] 47	28 [♎] 49	29 [♍] 13	0 [♌] 47	4 [♋] 44	2 [♊] 17	3 [♏] 52	12 [♎] R24	12 [♍] 28	14 [♌] 23	12 [♌] 18	W22
T 23	6 39 40	10 [♌] 7'14	26 [♋] 37	28 [♊] 39	9 [♏] 50	29 [♎] 23	29 [♍] 5	0 [♌] 48	4 [♋] 47	2 [♊] 19	3 [♏] 52	12 [♎] 24	12 [♍] 25	14 [♌] 30	12 [♌] 21	T 23
F 24	6 43 36	11 [♌] 8'24	9 [♋] 2	0 [♊] 12	9 [♏] R51	29 [♎] 58	28 [♍] 57	0 [♌] 49	4 [♋] 50	2 [♊] 21	3 [♏] 52	12 [♎] 24	12 [♍] 22	14 [♌] 36	12 [♌] 23	F 24
S 25	6 47 33	12 [♌] 9'33	21 [♋] 46	1 [♊] 45	9 [♏] 49	0 [♍] 32	28 [♍] 49	0 [♌] 50	4 [♋] 53	2 [♊] 23	3 [♏] 53	12 [♎] D24	12 [♍] 19	14 [♌] 43	12 [♌] 25	S 25
S 26	6 51 29	13 [♌] 10'42	4 [♋] 52	3 [♊] 18	9 [♏] 45	1 [♍] 6	28 [♍] 42	0 [♌] 50	4 [♋] 56	2 [♊] 25	3 [♏] 53	12 [♎] 24	12 [♍] 16	14 [♌] 50	12 [♌] 27	S 26
M27	6 55 26	14 [♌] 11'50	18 [♋] 21	4 [♊] 52	9 [♏] 38	1 [♍] 40	28 [♍] 34	0 [♌] 51	4 [♋] 59	2 [♊] 27	3 [♏] 53	12 [♎] 24	12 [♍] 12	14 [♌] 57	12 [♌] 29	M27
T 28	6 59 22	15 [♌] 12'57	2 [♋] 52	6 [♊] 26	9 [♏] 28	2 [♍] 14	28 [♍] 27	0 [♌] 51	5 [♋] 2	2 [♊] 28	3 [♏] R53	12 [♎] 24	12 [♍] 9	15 [♌] 3	12 [♌] 32	T 28
W29	7 3 19	16 [♌] 14'05	16 [♋] 24	8 [♊] 1	9 [♏] 16	2 [♍] 48	28 [♍] 19	0 [♌] 52	5 [♋] 5	2 [♊] 30	3 [♏] 53	12 [♎] R24	12 [♍] 6	15 [♌] 10	12 [♌] 34	W29
T 30	7 7 16	17 [♌] 15'11	0 [♋] 52	9 [♊] 36	9 [♏] 2	3 [♍] 21	28 [♍] 12	0 [♌] 52	5 [♋] 8	2 [♊] 32	3 [♏] 53	12 [♎] 24	12 [♍] 3	15 [♌] 17	12 [♌] 37	T 30
F 31	7 11 12	18 [♌] 16'17	15 [♋] 30	11 [♊] 12	8 [♏] 45	3 [♍] 55	28 [♍] 11	0 [♌] 52	5 [♋] 11	2 [♊] 34	3 [♏] 53	12 [♎] 24	12 [♍] 0	15 [♌] 23	12 [♌] 39	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	22s56	22n51	0s26	17s48	1n49	21s47	1s51	5s14	1n25	23n19	0s10	2n 3	2n14	20s49	0n 7	18s58	1n36	13n50	16n42	22n55	22n49	11s 7	2s59	4n31							
T 2	23 1	22 35	0n51	18 12	1 42	21 31	1 44	5 28	1 25	23 20	0 10	2 2	2 15	20 49	0 7	18 58	1 36	13 51	16 43	22 55	22 49	11 5	2 59	4 31							
F 3	23 6	20 53	2 6	18 36	1 34	21 15	1 37	5 41	1 25	23 20	0 10	2 1	2 15	20 50	0 7	18 59	1 36	13 51	16 43	22 55	22 49	11 3	2 59	4 31							
S 4	23 11	17 52	3 13	19 0	1 27	20 59	1 29	5 55	1 25	23 20	0 10	2 0	2 15	20 51	0 7	18 59	1 36	13 51	16 44	22 55	22 50	11 1	2 59	4 31							
S 5	23 15	13 48	4 8	19 24	1 19	20 43	1 21	6 8	1 25	23 20	0 9	1 59	2 15	20 51	0 7	19 0	1 36	13 51	16 45	22 55	22 50	10 58	2 59	4 30							
M 6	23 19	8 58	4 48	19 47	1 11	20 26	1 13	6 22	1 25	23 21	0 9	1 58	2 16	20 52	0 7	19 0	1 36	13 51	16 45	22 55	22 50	10 56	2 59	4 30							
T 7	23 22	3 41	5 11	20 10	1 3	20 10	1 5	6 35	1 25	23 21	0 9	1 57	2 16	20 53	0 7	19 1	1 36	13 51	16 46	22 55	22 51	10 54	2 58	4 30							
W 8	23 24	1s45	5 15	20 32	0 55	19 54	0 56	6 48	1 25	23 21	0 9	1 57	2 16	20 53	0 7	19 1	1 36	13 52	16 46	22 55	22 51	10 52	2 58	4 29							
T 9	23 26	7 3	5 0	20 54	0 48	19 37	0 47	7 1	1 25	23 21	0 9	1 56	2 17	20 54	0 7	19 1	1 36	13 52	16 47	22 55	22 51	10 50	2 58	4 29							
F 10	23 28	11 58	4 28	21 15	0 40	19 20	0 37	7 14	1 25	23 21	0 9	1 55	2 17	20 55	0 7	19 2	1 36	13 52	16 47	22 55	22 52	10 47	2 58	4 29							
S 11	23 29	16 12	3 41	21 35	0 32	19 4	0 27	7 27	1 25	23 22	0 9	1 55	2 17	20 55	0 6	19 2	1 36	13 53	16 48	22 56	22 52	10 45	2 57	4 28							
S 12	23 30	19 32	2 42	21 55	0 24	18 47	0 17	7 40	1 25	23 22	0 8	1 54	2 17	20 56	0 6	19 3	1 36	13 53	16 49	22 56	22 52	10 43	2 57	4 28							
M13	23 30	21 48	1 36	22 13	0 17	18 31	0 7	7 53	1 24	23 22	0 8	1 53	2 18	20 57	0 6	19 3	1 36	13 53	16 49	22 56	22 52	10 41	2 57	4 28							
T 14	23 30	22 51	0 26	22 31	0 9	18 15	0n 4	8 6	1 24	23 22	0 8	1 53	2 18	20 57	0 6	19 3	1 36	13 53	16 50	22 56	22 53	10 39	2 56	4 27							
W15	23 29	22 42	0s44	22 48	0 2	17 58	0 16	8 19	1 24	23 22	0 8	1 52	2 18	20 58	0 6	19 4	1 36	13 54	16 50	22 56	22 53	10 36	2 56	4 27							
T 16	23 28	21 25	1 50	23 3	0s 5	17 42	0 27	8 32	1 24	23 22	0 8	1 52	2 18	20 59	0 6	19 4	1 36	13 54	16 51	22 56	22 53	10 34	2 56	4 27							
F 17	23 27	19 9	2 51	23 18	0 13	17 26	0 39	8 44	1 24	23 23	0 8	1 51	2 19	20 59	0 6	19 4	1 36	13 55	16 52	22 56	22 54	10 32	2 55	4 27							
S 18	23 25	16 5	3 43	23 32	0 20	17 11	0 51	8 57	1 24	23 23	0 8	1 51	2 19	21 0	0 6	19 5	1 36	13 55	16 52	22 56	22 54	10 30	2 55	4 26							
S 19	23 22	12 23	4 24	23 44	0 26	16 55	1 4	9 10	1 24	23 23	0 7	1 51	2 19	21 0	0 6	19 5	1 36	13 55	16 53	22 56	22 54	10 28	2 54	4 26							
M20	23 19	8 15	4 55	23 56	0 33	16 40	1 17	9 22	1 24	23 23	0 7	1 50	2 20	21 1	0 6	19 6	1 36	13 56	16 53	22 56	22 55	10 25	2 54	4 26							
T 21	23 16	3 47	5 13	24 6	0 40	16 25	1 30	9 34	1 24	23 23	0 7	1 50	2 20	21 2	0 6	19 6	1 36	13 56	16 54	22 56	22 55	10 23	2 53	4 25							
W22	23 12	0n51	5 17	24 15	0 46	16 11	1 44	9 47	1 24	23 23	0 7	1 50	2 20	21 2	0 6	19 6	1 36	13 57	16 54	22 56	22 55	10 21	2 53	4 25							
T 23	23 7	5 31	5 8	24 22	0 52	15 56	1 58	9 59	1 24	23 23	0 7	1 50	2 20	21 3	0 6	19 7	1 36	13 57	16 55	22 56	22 55	10 19	2 52	4 25							
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