



# Astrodienst Ephemeris Tables for the year 1462

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 1462  
geocentric

JANUARY 1462 JC

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	7 16 34	19°34'20"	21°34'43"	5°37' 7	22°38' 4	21°38' 4	20°37' 0	2°37' 37	12°R59	24°10'10	24°R15	1°R10	0°34' 4	3°37' 7	15°M18	F 1
S 2	7 20 30	20°41'28"	3°38'51"	6°41' 6	23°18' 8	21°52' 2	20°13' 3	2°44' 12	12°58' 12	24°10'10	24°10'14	1°38' 8	0° 1	3°14' 3	15°23' 3	S 2
S 3	7 24 27	21°42'35"	15°51' 1	8°13' 8	24°32' 2	22°39' 2	20°26' 2	2°51' 12	12°56' 12	24°11'11	24°13'13	1° 5	29°II58	3°20' 3	15°28' 3	S 3
M 4	7 28 24	22°43'41"	27°46' 7	9°42' 9	25°45' 2	23°26' 2	20°38' 2	2°58' 12	12°55' 12	24°11'11	24°12'12	1° 1	29°54	3°27' 3	15°33' 3	M 4
T 5	7 32 20	23°44'46"	9°37'46	11° 9	26°59' 2	24°13' 2	20°51' 2	3° 5	12°54' 12	24°12'12	24°11'11	0°57' 0	29°51	3°34' 3	15°37' 3	T 5
W 6	7 36 17	24°45'50"	21°27'12	12°32' 2	28°12' 2	25° 0	21° 3	3°12' 3	12°52' 12	24°12'12	24° 9	0°53' 0	29°48	3°40' 3	15°42' 3	W 6
T 7	7 40 13	25°46'54"	3°21'21	13°52' 2	29°26' 2	25°47' 2	21°16' 2	3°20' 12	12°51' 12	24°12'12	24° 8	0°50' 0	29°45	3°47' 3	15°47' 3	T 7
F 8	7 44 10	26°47'56"	15°22'15	15° 6	0°39'39	26°34' 2	21°28' 2	3°27' 12	12°49' 12	24°13'13	24° 7	0°48' 0	29°42	3°54' 3	15°51' 3	F 8
S 9	7 48 6	27°48'57"	27°34'16	16°16' 6	1°53' 1	27°21' 2	21°40' 2	3°34' 12	12°48' 12	24°13'13	24° 5	0°D48	29°38	4° 1	15°56' 3	S 9
S 10	7 52 3	28°49'57"	10°8' 2	17°19' 3	3° 6	28° 8	21°53' 3	3°41' 12	12°46' 12	24°13'13	24° 4	0°48' 0	29°35	4° 7	16° 0	S 10
M 11	7 55 59	29°50'56"	22°51'18	18°15' 4	4°19' 18	28°55' 2	22° 5	3°48' 12	12°44' 12	24°13'13	24° 3	0°50' 0	29°32	4°14' 4	16° 4	M 11
T 12	7 59 56	0°51'53	6°II 4	19° 3	5°32' 2	29°43' 2	22°17' 2	3°55' 12	12°43' 12	24°13'13	24° 1	0°51' 0	29°29	4°21' 4	16° 8	T 12
W 13	8 3 53	1°52'50	19°44'19	19°43' 4	6°46' 18	0°30'30	22°29' 2	4° 2	12°41' 12	24°14'14	24° 0	0°53' 0	29°26	4°27' 4	16°12' 4	W 13
T 14	8 7 49	2°53'45	3°52'52	20°13' 2	7°59' 1	1°17' 12	22°41' 2	4°10' 12	12°39' 12	24°14'14	23°59' 0	0°R53	29°23	4°34' 4	16°16' 4	T 14
F 15	8 11 46	3°54'39	18°25'18	20°33' 2	9°12' 2	2° 3	22°53' 2	4°17' 12	12°37' 12	24°14'14	23°57' 0	0°52' 0	29°19	4°41' 4	16°20' 4	F 15
S 16	8 15 42	4°55'32	3°19'19	20°R43	10°25' 2	2°50' 2	23° 5	4°24' 12	12°36' 12	24°R14	23°56' 0	0°49' 0	29°16	4°48' 4	16°24' 4	S 16
S 17	8 19 39	5°56'23	18°25'20	20°41' 2	11°38' 2	3°37' 2	23°17' 2	4°31' 12	12°34' 12	24°14'14	23°54' 0	0°45' 0	29°13	4°54' 4	16°28' 4	S 17
M 18	8 23 35	6°57'14	3°34'34	20°29' 2	12°50' 2	4°24' 2	23°28' 2	4°38' 12	12°32' 12	24°14'14	23°53' 0	0°39' 0	29°10	5° 1	16°31' 1	M 18
T 19	8 27 32	7°58'03	18°37'20	20° 5	14° 3	5°11' 2	23°40' 2	4°45' 12	12°30' 12	24°14'14	23°52' 0	0°34' 0	29° 7	5° 8	16°35' 8	T 19
W 20	8 31 29	8°58'52	3°23'23	19°31' 2	15°16' 2	5°58' 2	23°52' 2	4°52' 12	12°28' 12	24°14'14	23°50' 0	0°29' 0	29° 4	5°14' 4	16°38' 4	W 20
T 21	8 35 25	9°59'39	17°48'18	18°47' 2	16°28' 2	6°45' 2	24° 3	5° 0	12°26' 12	24°13'13	23°49' 0	0°25' 0	29° 0	5°21' 4	16°41' 4	T 21
F 22	8 39 22	11° 0'25	1°48'48	17°54' 2	17°41' 2	7°32' 2	24°14' 2	5° 7	12°24' 12	24°13'13	23°47' 0	0°23' 0	28°57	5°28' 4	16°44' 4	F 22
S 23	8 43 18	12° 1'11	15°23'16	16°55' 2	18°53' 2	8°18' 2	24°26' 2	5°14' 12	12°21' 12	24°13'13	23°46' 0	0°D22	28°54	5°34' 4	16°47' 4	S 23
S 24	8 47 15	13° 1'55	28°34'15	15°50' 2	20° 6	9° 5	24°37' 2	5°21' 12	12°19' 12	24°13'13	23°44' 0	0°23' 0	28°51	5°41' 4	16°50' 4	S 24
M 25	8 51 11	14° 2'39	11°26'26	14°41' 2	21°18' 2	9°52' 2	24°48' 2	5°28' 12	12°17' 12	24°13'13	23°43' 0	0°25' 0	28°48	5°48' 4	16°53' 4	M 25
T 26	8 55 8	15° 3'21	24° 1	13°30' 2	22°30' 2	10°39' 2	24°59' 2	5°35' 12	12°15' 12	24°12'12	23°41' 0	0°26' 0	28°44	5°55' 4	16°56' 4	T 26
W 27	8 59 4	16° 4'02	6°22'22	12°20' 2	23°42' 2	11°25' 2	25°10' 2	5°42' 12	12°13' 12	24°12'12	23°40' 0	0°R26	28°41	6° 1	16°58' 1	W 27
T 28	9 3 1	17° 4'42	18°33'11	12° 2	24°54' 2	12°12' 2	25°21' 2	5°49' 12	12°10' 12	24°11'11	23°38' 0	0°24' 0	28°38	6° 8	17° 1	T 28
F 29	9 6 58	18° 5'20	0°37'37	10° 8	26° 6	12°59' 2	25°32' 2	5°56' 12	12° 8	24°11'11	23°37' 0	0°20' 0	28°35	6°15' 5	17° 3	F 29
S 30	9 10 54	19° 5'57	12°35' 9	8° 8	27°18' 2	13°45' 2	25°43' 2	6° 4	12° 6	24°11'11	23°35' 0	0°13' 0	28°32	6°21' 5	17° 6	S 30
S 31	9 14 51	20° 6'33	24°30'24	8°15' 8	28°30'28	14°32'14	25°53'25	6°11' 6	12° 3	24°10'10	23°34'10	0°5' 0	28°II29	6°38'28	17° 8	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 4	23s35	1s51	20s34	1s34	15s45	1s39	15s32	1s 4	22s44	0n24	20s13	0s36	7n26	0n48	7s45	1n46	24n20	11n34	23n30	23n31	14s40	14s55	1n38	
S 2	21 55	22 6	2 51	20 4	1 27	15 20	1 38	15 16	1 4	22 45	0 24	20 11	0 36	7 27	0 48	7 46	1 46	24 21	11 34	23 30	23 31	14 38	14 56	1 38	
S 3	21 45	19 39	3 42	19 32	1 19	14 54	1 37	15 0	1 3	22 46	0 24	20 9	0 36	7 27	0 48	7 46	1 46	24 21	11 34	23 30	23 31	14 36	14 57	1 38	
M 4	21 35	16 24	4 23	19 0	1 10	14 28	1 36	14 44	1 3	22 47	0 24	20 8	0 36	7 28	0 48	7 46	1 46	24 22	11 34	23 30	23 31	14 34	14 58	1 39	
T 5	21 25	12 30	4 53	18 27	1 1	14 2	1 34	14 28	1 2	22 48	0 24	20 6	0 36	7 29	0 48	7 46	1 46	24 23	11 35	23 30	23 31	14 32	14 59	1 39	
W 6	21 14	8 8	5 10	17 54	0 50	13 35	1 33	14 12	1 2	22 49	0 24	20 5	0 36	7 29	0 48	7 46	1 46	24 23	11 35	23 30	23 31	14 29	15 0	1 40	
T 7	21 3	3 28	5 14	17 20	0 38	13 8	1 31	13 55	1 1	22 50	0 24	20 3	0 36	7 30	0 48	7 46	1 46	24 24	11 35	23 30	23 31	14 27	15 1	1 40	
F 8	20 51	1n24	5 4	16 46	0 26	12 40	1 30	13 39	1 1	22 51	0 24	20 1	0 36	7 30	0 48	7 46	1 46	24 25	11 35	23 30	23 31	14 25	15 2	1 41	
S 9	20 40	6 16	4 40	16 13	0 13	12 13	1 28	13 22	1 0	22 51	0 23	20 0	0 36	7 31	0 48	7 46	1 46	24 25	11 36	23 30	23 31	14 23	15 2	1 41	
S 10	20 27	11 1	4 3	15 40	0n 1	11 45	1 27	13 6	1 0	22 52	0 23	19 58	0 36	7 32	0 48	7 46	1 46	24 26	11 36	23 30	23 31	14 21	15 3	1 42	
M 11	20 14	15 25	3 13	15 9	0 16	11 16	1 25	12 49	0 59	22 53	0 23	19 57	0 36	7 32	0 48	7 46	1 47	24 27	11 36	23 30	23 30	14 19	15 4	1 42	
T 12	20 1	19 13	2 12	14 39	0 32	10 47	1 23	12 32	0 59	22 54	0 23	19 55	0 36	7 33	0 48	7 46	1 47	24 27	11 36	23 30	23 30	14 17	15 5	1 42	
W 13	19 48	22 6	1 1	14 11	0 49	10 18	1 21	12 14	0 58	22 55	0 23	19 53	0 36	7 34	0 48	7 46	1 47	24 28	11 37	23 30	23 30	14 15	15 6	1 43	
T 14	19 34	23 43	0n16	13 45	1 6	9 49	1 19	11 57	0 58	22 55	0 23	19 52	0 36	7 34	0 48	7 46	1 47	24 29	11 37	23 30	23 30	14 12	15 6	1 43	
F 15	19 20	23 48	1 34	13 22	1 23	9 20	1 17	11 40	0 57	22 56	0 23	19 50	0 36	7 35	0 48	7 46	1 47	24 30	11 37	23 30	23 30	14 10	15 7	1 44	
S 16	19 5	22 11	2 48	13 3	1 40	8 50	1 15	11 22	0 57	22 57	0 23	19 48	0 37	7 36	0 48	7 46	1 47	24 30	11 37	23 30	23 30	14 8	15 7	1 44	
S 17	18 51	19 0	3 50	12 46	1 58	8 20	1 12	11 5	0 56	22 57	0 23	19 47	0 37	7 37	0 48	7 46	1 47	24 31	11 37	23 30	23 30	14 6	15 8	1 45	
M 18	18 35	14 31	4 37	12 34	2 15	7 50	1 10	10 47	0 56	22 58	0 23	19 45	0 37	7 37	0 48	7 46	1 47	24 32	11 38	23 30	23 30	14 4	15 9	1 45	
T 19	18 20	9 10	5 4	12 26	2 31	7 20	1 8	10 30	0 55	22 59	0 23	19 44	0 37	7 38	0 48	7 46	1 47	24 32	11 38	23 30	23 30	14 2	15 9	1 46	
W 20	18 4	3 24	5 10	12 22	2 47	6 49	1 5	10 12	0 55	22 59	0 23	19 42	0 37	7 39	0 48	7 46	1 47	24 33	11 38	23 31	23 30	14 0	15 10	1 46	
T 21	17 48	2s26	4 57	12 22	3 1	6 19	1 3	9 54	0 54	23 0	0 23	19 40	0 37	7 40	0 48	7 46	1 47	24 34	11 38	23 31	23 30	13 57	15 10	1 47	
F 22	17 31	7 59	4 25	12 26	3 13	5 48	1 0	9 36	0 54	23 0	0 23	19 39	0 37	7 41	0 48	7 45	1 47	24 34	11 38	23 31	23 30	13 55	15 11	1 47	
S 23	17 14	12 59	3 40	12 34	3 24	5 17	0 57	9 18	0 53	23 1	0 23	19 37	0 37	7 41	0 48	7 45	1 47	24 35	11 38	23 31	23 30	13 53	15 11	1 48	
S 24	16 57	17 14	2 44	12 45	3 32	4 46	0 54	9 0	0 52	23 1	0 23	19 35	0 37	7 42	0 49	7 45	1 47	24 35	11 39	23 31	23 30	13 51	15 11	1 48	
M 25	16 40	20 33	1 41	12 59	3 39	4 15	0 52	8 41	0 52	23 2	0 23	19 34	0 37	7 43	0 49	7 45	1 47	24 36	11 39	23 31	23 30	13 49	15 12	1 49	
T 26	16 22	22 48	0 35	13 16	3 42	3 44	0 49	8 23	0 51	23 2	0 23	19 32	0 37	7 44	0 49	7 45	1 47	24 37	11 39	23 31	23 30	13 46	15 12	1 49	
W 27	16 4	23 53	0s32	13 34	3 44	3 12	0 46	8 5	0 51	23 3	0 23	19 30	0 37	7 45	0 49	7 45	1 48	24 37	11 39	23 31	23 30	13 44	15 12	1 50	
T 28	15 46	23 49	1 36	13 54	3 43	2 41	0 43	7 46	0 50	23 3	0 22	19 29	0 37	7 46	0 49	7 44	1 48	24 38	11 39	23 31	23 30	13 42	15 12	1 50	
F 29	15 27	22 36	2 35	14 14	3 40	2 9	0 39	7 28	0 49	23 4	0 22	19 27	0 38	7 47	0 49	7 44	1 48	24 39	11 39	23 31	23 30	13 40	15 13	1 51	
S 30	15 8	20 23	3 27	14 34	3 35	1 38	0 36	7 10	0 49	23 4	0 22	19 25	0 38	7 48	0 49	7 44	1 48	24 39	11 39	23 31	23 30	13 38	15 13	1 51	
S 31	14s49	17s18	4s 9	14s55	3n28	1s 6	0s33	6s51	0s48	23s 4	0n22	19s24	0s38	7n48	0n49	7s44	1n48	24n40	11n39	23n31	23n30	13s35	15s13	1n51	

## ASTRODIENST EPHEMERIS for the year 1462

geocentric

FEBRUARY 1462 JC

00:00 UT

Day	Sid.t	☉	☾	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	9 18 47	21≈ 7'06	6✠22	7°R28	29✠41	15✠18	26✠ 4	6≈18	12°R 1	24°R10	23°R32	29°R55	28✠25	6✠35	17✠10	M 1
T 2	9 22 44	22° 7'38	18°13	6≈48	0°Y53	16° 5	26°14	6°25	11✠59	24≈ 9	23✠31	29✠44	28°22	6°42	17°12	T 2
W 3	9 26 40	23° 8'09	0°Y 5	6°16	2° 4	16°52	26°24	6°32	11°56	24° 9	23°29	29°34	28°19	6°48	17°14	W 3
T 4	9 30 37	24° 8'37	12° 1	5°52	3°16	17°38	26°35	6°39	11°54	24° 8	23°28	29°25	28°16	6°55	17°16	T 4
F 5	9 34 33	25° 9'04	24° 2	5°35	4°27	18°24	26°45	6°45	11°51	24° 7	23°26	29°18	28°13	7° 2	17°17	F 5
S 6	9 38 30	26° 9'29	6✠13	5°25	5°38	19°11	26°55	6°52	11°49	24° 7	23°25	29°13	28° 9	7° 8	17°19	S 6
S 7	9 42 26	27° 9'52	18°37	5°D23	6°49	19°57	27° 5	6°59	11°46	24° 6	23°23	29°11	28° 6	7°15	17°20	S 7
M 8	9 46 23	28°10'13	1✠19	5°27	8° 0	20°44	27°14	7° 6	11°44	24° 5	23°22	29°D10	28° 3	7°22	17°21	M 8
T 9	9 50 20	29°10'32	14°24	5°37	9°11	21°30	27°24	7°13	11°41	24° 4	23°20	29°11	28° 0	7°29	17°23	T 9
W10	9 54 16	0✠10'49	27°54	5°54	10°22	22°16	27°34	7°20	11°39	24° 4	23°19	29°R12	27°57	7°35	17°24	W10
T 11	9 58 13	1°11'04	11✠53	6°16	11°32	23° 2	27°43	7°27	11°36	24° 3	23°17	29°11	27°54	7°42	17°25	T 11
F 12	10 2 9	2°11'17	26°21	6°43	12°43	23°49	27°52	7°33	11°34	24° 2	23°16	29° 8	27°50	7°49	17°26	F 12
S 13	10 6 6	3°11'28	11✠15	7°15	13°53	24°35	28° 2	7°40	11°31	24° 1	23°14	29° 3	27°47	7°55	17°26	S 13
S 14	10 10 2	4°11'37	26°27	7°52	15° 3	25°21	28°11	7°47	11°29	24° 0	23°13	28°55	27°44	8° 2	17°27	S 14
M15	10 13 59	5°11'43	11✠48	8°32	16°13	26° 7	28°20	7°53	11°26	23°59	23°11	28°45	27°41	8° 9	17°27	M15
T 16	10 17 55	6°11'48	27° 7	9°17	17°23	26°53	28°29	8° 0	11°23	23°58	23°10	28°35	27°38	8°16	17°28	T 16
W17	10 21 52	7°11'52	12≈11	10° 5	18°33	27°39	28°37	8° 6	11°21	23°57	23° 8	28°26	27°35	8°22	17°28	W17
T 18	10 25 49	8°11'53	26°53	10°56	19°42	28°25	28°46	8°13	11°18	23°56	23° 7	28°18	27°31	8°29	17°28	T 18
F 19	10 29 45	9°11'53	11✠ 6	11°51	20°52	29°11	28°54	8°20	11°16	23°55	23° 5	28°12	27°28	8°36	17°R28	F 19
S 20	10 33 42	10°11'51	24°50	12°49	22° 1	29°57	29° 3	8°26	11°13	23°54	23° 4	28° 9	27°25	8°42	17°28	S 20
S 21	10 37 38	11°11'48	8✠ 5	13°49	23°10	0°Y42	29°11	8°32	11°10	23°53	23° 3	28°D 8	27°22	8°49	17°28	S 21
M22	10 41 35	12°11'43	20°56	14°52	24°19	1°28	29°19	8°39	11° 8	23°52	23° 1	28° 8	27°19	8°56	17°28	M22
T 23	10 45 31	13°11'37	3✠26	15°57	25°28	2°14	29°27	8°45	11° 5	23°51	23° 0	28°R 8	27°15	9° 3	17°28	T 23
W24	10 49 28	14°11'28	15°40	17° 5	26°37	3° 0	29°35	8°51	11° 2	23°50	22°58	28° 7	27°12	9° 9	17°27	W24
T 25	10 53 24	15°11'18	27°43	18°15	27°45	3°45	29°43	8°58	11° 0	23°49	22°57	28° 4	27° 9	9°16	17°27	T 25
F 26	10 57 21	16°11'06	9°39	19°27	28°54	4°31	29°50	9° 4	10°57	23°48	22°56	27°57	27° 6	9°23	17°26	F 26
S 27	11 1 18	17°10'52	21°31	20°41	0✠ 2	5°17	29°57	9°10	10°55	23°46	22°54	27°48	27° 3	9°29	17°25	S 27
S 28	11 5 14	18✠10'37	3✠22	21≈56	1✠10	6°Y 2	0✠ 5	9≈16	10✠52	23≈45	22✠53	27✠36	27✠ 0	9✠36	17✠24	S 28

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	decl lat	
M 1	14s30	13s32	4s40	15s15	3n19	0s35	0s30	6s32	0s48	23s 5	0n22	19s22	0s38	7n49	0n49	7s44	M 1
T 2	14 11	9 15	4 59	15 34	3 10	0 3	0 26	6 14	0 47	23 5	0 22	19 20	0 38	7 50	0 49	7 43	T 2
W 3	13 51	4 38	5 5	15 52	2 59	0n29	0 23	5 55	0 47	23 5	0 22	19 18	0 38	7 51	0 49	7 43	W 3
T 4	13 31	0n11	4 58	16 9	2 47	1 0	0 19	5 36	0 46	23 6	0 22	19 17	0 38	7 52	0 49	7 43	T 4
F 5	13 11	5 3	4 38	16 25	2 35	1 32	0 16	5 18	0 45	23 6	0 22	19 15	0 38	7 53	0 49	7 42	F 5
S 6	12 50	9 47	4 4	16 40	2 23	2 3	0 12	4 59	0 45	23 6	0 22	19 14	0 38	7 54	0 49	7 42	S 6
S 7	12 29	14 13	3 19	16 53	2 10	2 35	0 9	4 40	0 44	23 7	0 22	19 12	0 38	7 55	0 49	7 42	S 7
M 8	12 9	18 9	2 23	17 4	1 57	3 6	0 5	4 21	0 43	23 7	0 22	19 10	0 38	7 56	0 49	7 42	M 8
T 9	11 48	21 18	1 18	17 15	1 44	3 38	0 1	4 2	0 43	23 7	0 22	19 9	0 38	7 57	0 49	7 41	T 9
W10	11 26	23 23	0 7	17 23	1 31	4 9	0n 3	3 43	0 42	23 7	0 22	19 7	0 39	7 58	0 49	7 41	W10
T 11	11 5	24 6	1n 7	17 30	1 18	4 40	0 6	3 24	0 42	23 8	0 22	19 5	0 39	7 59	0 49	7 41	T 11
F 12	10 44	23 13	2 19	17 36	1 5	5 11	0 10	3 6	0 41	23 8	0 22	19 4	0 39	8 0	0 49	7 40	F 12
S 13	10 22	20 43	3 24	17 40	0 53	5 43	0 14	2 47	0 40	23 8	0 22	19 2	0 39	8 1	0 49	7 40	S 13
S 14	10 0	16 44	4 16	17 42	0 41	6 13	0 18	2 28	0 40	23 8	0 22	19 0	0 39	8 2	0 49	7 39	S 14
M15	9 38	11 37	4 49	17 43	0 29	6 44	0 22	2 9	0 39	23 8	0 22	18 59	0 39	8 3	0 49	7 39	M15
T 16	9 16	5 46	5 2	17 43	0 17	7 15	0 26	1 50	0 39	23 8	0 22	18 57	0 39	8 4	0 49	7 39	T 16
W17	8 54	0s19	4 54	17 40	0 6	7 45	0 30	1 31	0 38	23 9	0 22	18 55	0 39	8 5	0 49	7 38	W17
T 18	8 31	6 15	4 26	17 37	0s 5	8 15	0 34	1 12	0 37	23 9	0 21	18 54	0 39	8 6	0 49	7 38	T 18
F 19	8 9	11 41	3 42	17 32	0 15	8 46	0 38	0 53	0 37	23 9	0 21	18 52	0 39	8 7	0 49	7 37	F 19
S 20	7 46	16 20	2 47	17 25	0 25	9 15	0 42	0 34	0 36	23 9	0 21	18 51	0 40	8 8	0 49	7 37	S 20
S 21	7 23	20 0	1 44	17 17	0 35	9 45	0 47	0 15	0 35	23 9	0 21	18 49	0 40	8 9	0 49	7 37	S 21
M22	7 0	22 34	0 38	17 8	0 44	10 15	0 51	0n 3	0 35	23 9	0 21	18 48	0 40	8 10	0 49	7 36	M22
T 23	6 37	23 56	0s28	16 57	0 53	10 44	0 55	0 22	0 34	23 9	0 21	18 46	0 40	8 11	0 49	7 36	T 23
W24	6 14	24 6	1 31	16 44	1 2	11 13	0 59	0 41	0 33	23 9	0 21	18 44	0 40	8 12	0 49	7 35	W24
T 25	5 51	23 7	2 30	16 31	1 10	11 42	1 4	1 0	0 33	23 9	0 21	18 43	0 40	8 13	0 49	7 35	T 25
F 26	5 28	21 6	3 21	16 15	1 17	12 10	1 8	1 19	0 32	23 9	0 21	18 41	0 40	8 14	0 49	7 34	F 26
S 27	5 5	18 12	4 2	15 59	1 25	12 38	1 12	1 37	0 31	23 10	0 21	18 40	0 40	8 15	0 49	7 34	S 27
S 28	4s41	14s33	4s34	15s41	1s31	13n 6	1n16	1n56	0s31	23s10	0n21	18s38	0s40	8n16	0n49	7s33	S 28

Julian Day Number = 2255084.5, Delta T = 06m07s

Ecliptic obliquity = 23°30'34", Nutation = - 0°00'16, out-of-bounds declination in red

Ayanamsha: Fagan/Bradley = 17°14'08, Lahiri = 16°21'09 Julian Calendar 1 Feb. 1462 == Greg. Calendar 10 Feb. 1462

# ASTRODIENST EPHEMERIS for the year 1462

## geocentric

MARCH 1462 JC

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	11 9 11	19°10'19	15°13'13	23°14'14	2°18'18	6°48'48	0°12'12	9°22'22	10°R49	23°R44	22°R51	27°R22	26°II56	9°43'43	17°R23	M 1
T 2	11 13 7	20° 9'59	27° 7' 7	24°33'33	3°25'25	7°33'33	0°19'19	9°28'28	10°47'47	23°43'43	22°45'45	27°II 7	26°53'53	9°50'50	17°II22	T 2
W 3	11 17 4	21° 9'37	9°Y 3	25°54'54	4°33'33	8°18'18	0°26'26	9°34'34	10°44'44	23°41'41	22°49'49	26°53'53	26°50'50	9°56'56	17°21'21	W 3
T 4	11 21 0	22° 9'13	21° 5' 5	27°16'16	5°40'40	9° 4' 4	0°32'32	9°40'40	10°42'42	23°40'40	22°48'48	26°40'40	26°47'47	10° 3' 3	17°20'20	T 4
F 5	11 24 57	23° 8'47	3°B 13	28°40'40	6°47'47	9°49'49	0°39'39	9°46'46	10°39'39	23°39'39	22°46'46	26°30'30	26°44'44	10°10'10	17°18'18	F 5
S 6	11 28 53	24° 8'19	15°29'29	0°H 6	7°54'54	10°34'34	0°45'45	9°52'52	10°37'37	23°37'37	22°45'45	26°23'23	26°41'41	10°17'17	17°17'17	S 6
S 7	11 32 50	25° 7'48	27°56'56	1°33'33	9° 1' 1	11°20'20	0°51'51	9°58'58	10°34'34	23°36'36	22°44'44	26°18'18	26°37'37	10°23'23	17°15'15	S 7
M 8	11 36 47	26° 7'15	10°II38	3° 1' 1	10° 7' 7	12° 5' 5	0°57'57	10° 3' 3	10°32'32	23°34'34	22°43'43	26°16'16	26°34'34	10°30'30	17°13'13	M 8
T 9	11 40 43	27° 6'40	23°39'39	4°31'31	11°14'14	12°50'50	1° 3' 3	10° 9' 9	10°29'29	23°33'33	22°41'41	26°16'16	26°31'31	10°37'37	17°12'12	T 9
W10	11 44 40	28° 6'03	7°B 2	6° 3' 3	12°20'20	13°35'35	1° 9' 9	10°15'15	10°27'27	23°32'32	22°40'40	26°16'16	26°28'28	10°43'43	17°10'10	W10
T 11	11 48 36	29° 5'23	20°49'49	7°36'36	13°25'25	14°20'20	1°15'15	10°20'20	10°24'24	23°30'30	22°39'39	26°15'15	26°25'25	10°50'50	17° 8' 8	T 11
F 12	11 52 33	0°Y 4'40	5°B 4	9°10'10	14°31'31	15° 5' 5	1°20'20	10°26'26	10°22'22	23°29'29	22°38'38	26°12'12	26°21'21	10°57'57	17° 6' 6	F 12
S 13	11 56 29	1° 3'56	19°44'44	10°45'45	15°36'36	15°50'50	1°25'25	10°31'31	10°19'19	23°27'27	22°37'37	26° 6' 6	26°18'18	11° 4' 4	17° 3' 3	S 13
S 14	12 0 26	2° 3'09	4°II44	12°23'23	16°41'41	16°35'35	1°31'31	10°36'36	10°17'17	23°26'26	22°36'36	25°58'58	26°15'15	11°10'10	17° 1' 1	S 14
M15	12 4 22	3° 2'20	19°58'58	14° 1' 1	17°46'46	17°20'20	1°35'35	10°42'42	10°15'15	23°24'24	22°34'34	25°47'47	26°12'12	11°17'17	16°59'59	M15
T 16	12 8 19	4° 1'28	5°B 14	15°41'41	18°50'50	18° 5' 5	1°40'40	10°47'47	10°12'12	23°23'23	22°33'33	25°36'36	26° 9' 9	11°24'24	16°56'56	T 16
W17	12 12 16	5° 0'34	20°21'21	17°22'22	19°55'55	18°49'49	1°45'45	10°52'52	10°10'10	23°21'21	22°32'32	25°25'25	26° 6' 6	11°30'30	16°54'54	W17
T 18	12 16 12	5°59'39	5°II 9	19° 5' 5	20°58'58	19°34'34	1°49'49	10°57'57	10° 8' 8	23°20'20	22°31'31	25°16'16	26° 2' 2	11°37'37	16°51'51	T 18
F 19	12 20 9	6°58'42	19°31'31	20°49'49	22° 2' 2	20°19'19	1°54'54	11° 2' 2	10° 6' 6	23°18'18	22°30'30	25°10'10	25°59'59	11°44'44	16°48'48	F 19
S 20	12 24 5	7°57'43	3°B 23	22°35'35	23° 5' 5	21° 3' 3	1°58'58	11° 7' 7	10° 3' 3	23°17'17	22°29'29	25° 6' 6	25°56'56	11°51'51	16°46'46	S 20
S 21	12 28 2	8°56'42	16°47'47	24°22'22	24° 8' 8	21°48'48	2° 2' 2	11°12'12	10° 1' 1	23°15'15	22°28'28	25° 4' 4	25°53'53	11°57'57	16°43'43	S 21
M22	12 31 58	9°55'39	29°42'42	26°10'10	25°11'11	22°32'32	2° 5' 5	11°17'17	9°59'59	23°13'13	22°27'27	25°D 4	25°50'50	12° 4' 4	16°40'40	M22
T 23	12 35 55	10°54'35	12°B 15	28° 0' 0	26°13'13	23°17'17	2° 9' 9	11°22'22	9°57'57	23°12'12	22°27'27	25°R 4	25°46'46	12°11'11	16°37'37	T 23
W24	12 39 51	11°53'28	24°31'31	29°51'51	27°16'16	24° 1' 1	2°12'12	11°26'26	9°55'55	23°10'10	22°26'26	25° 4' 4	25°43'43	12°17'17	16°33'33	W24
T 25	12 43 48	12°52'20	6°B 33	1°Y 44	28°17'17	24°46'46	2°16'16	11°31'31	9°53'53	23° 9' 9	22°25'25	25° 1' 1	25°40'40	12°24'24	16°30'30	T 25
F 26	12 47 45	13°51'10	18°27'27	3°39'39	29°19'19	25°30'30	2°19'19	11°36'36	9°51'51	23° 7' 7	22°24'24	24°56'56	25°37'37	12°31'31	16°27'27	F 26
S 27	12 51 41	14°49'59	0°H 17	5°35'35	0°II20	26°14'14	2°22'22	11°40'40	9°49'49	23° 5' 5	22°23'23	24°49'49	25°34'34	12°38'38	16°24'24	S 27
S 28	12 55 38	15°48'45	12° 8' 8	7°32'32	1°20'20	26°58'58	2°24'24	11°44'44	9°47'47	23° 4' 4	22°22'22	24°39'39	25°31'31	12°44'44	16°20'20	S 28
M29	12 59 34	16°47'30	24° 1' 1	9°31'31	2°21'21	27°43'43	2°27'27	11°49'49	9°45'45	23° 2' 2	22°22'22	24°27'27	25°27'27	12°51'51	16°17'17	M29
T 30	13 3 31	17°46'13	5°Y 59	11°31'31	3°20'20	28°27'27	2°29'29	11°53'53	9°43'43	23° 1' 1	22°21'21	24°14'14	25°24'24	12°58'58	16°13'13	T 30
W31	13 7 27	18°Y44'53	18°Y 3	13°Y33	4°II20	29°Y11	2°B 31	11°55'57	9°41'41	22°45'49	22°45'49	24°II 2	25°II21	13°H 4	16°II 9	W31

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	
M 1	4s18	10s20	4s53	15s21	1s38	13n34	1n21	2n15	0s30	23s10	0n21	18s37	0s41	8n17	0n49	M 1
T 2	3 54	5 44	4 59	15 0	1 44	14 1	1 25	2 33	0 30	23 10	0 21	18 35	0 41	8 18	0 49	T 2
W 3	3 31	0 53	4 53	14 38	1 49	14 28	1 29	2 52	0 29	23 10	0 21	18 34	0 41	8 19	0 49	W 3
T 4	3 7	4n 2	4 33	14 15	1 54	14 55	1 33	3 10	0 28	23 10	0 21	18 32	0 41	8 20	0 49	T 4
F 5	2 44	8 50	4 1	13 50	1 59	15 21	1 38	3 29	0 28	23 10	0 21	18 31	0 41	8 21	0 49	F 5
S 6	2 20	13 23	3 17	13 24	2 3	15 48	1 42	3 47	0 27	23 10	0 21	18 29	0 41	8 22	0 49	S 6
S 7	1 56	17 26	2 24	12 56	2 7	16 13	1 46	4 5	0 26	23 10	0 21	18 28	0 41	8 23	0 49	S 7
M 8	1 33	20 46	1 22	12 27	2 11	16 39	1 51	4 24	0 26	23 10	0 21	18 26	0 41	8 24	0 49	M 8
T 9	1 9	23 8	0 14	11 57	2 13	17 3	1 55	4 42	0 25	23 10	0 21	18 25	0 41	8 25	0 49	T 9
W10	0 45	24 16	0n57	11 25	2 16	17 28	1 59	5 0	0 24	23 10	0 21	18 24	0 42	8 25	0 49	W10
T 11	0 22	23 58	2 6	10 53	2 18	17 52	2 3	5 18	0 24	23 10	0 20	18 22	0 42	8 26	0 49	T 11
F 12	0n 2	22 7	3 9	10 19	2 19	18 16	2 7	5 36	0 23	23 10	0 20	18 21	0 42	8 27	0 49	F 12
S 13	0 26	18 47	4 2	9 43	2 21	18 39	2 11	5 54	0 22	23 10	0 20	18 20	0 42	8 28	0 49	S 13
S 14	0 49	14 9	4 40	9 7	2 21	19 2	2 16	6 12	0 22	23 10	0 20	18 18	0 42	8 29	0 49	S 14
M15	1 13	8 34	4 59	8 29	2 21	19 25	2 20	6 30	0 21	23 10	0 20	18 17	0 42	8 30	0 49	M15
T 16	1 36	2 27	4 56	7 49	2 21	19 47	2 24	6 48	0 20	23 10	0 20	18 16	0 42	8 31	0 49	T 16
W17	2 0	3s46	4 33	7 9	2 20	20 8	2 28	7 5	0 20	23 10	0 20	18 14	0 42	8 32	0 49	W17
T 18	2 23	9 38	3 51	6 28	2 19	20 29	2 32	7 23	0 19	23 10	0 20	18 13	0 43	8 33	0 49	T 18
F 19	2 47	14 50	2 56	5 45	2 17	20 50	2 36	7 41	0 18	23 10	0 20	18 12	0 43	8 33	0 49	F 19
S 20	3 10	19 4	1 52	5 1	2 15	21 10	2 39	7 58	0 18	23 10	0 20	18 10	0 43	8 34	0 49	S 20
S 21	3 33	22 7	0 44	4 16	2 12	21 30	2 43	8 15	0 17	23 10	0 20	18 9	0 43	8 35	0 49	S 21
M22	3 57	23 55	0s25	3 29	2 8	21 49	2 47	8 32	0 16	23 10	0 20	18 8	0 43	8 36	0 49	M22
T 23	4 20	24 26	1 30	2 42	2 5	22 8	2 51	8 50	0 16	23 10	0 20	18 7	0 43	8 37	0 49	T 23
W24	4 43	23 44	2 29	1 54	2 0	22 26	2 54	9 7	0 15	23 10	0 20	18 6	0 43	8 38	0 48	W24
T 25	5 6	21 56	3 21	1 4	1 55	22 44	2 58	9 24	0 14	23 10	0 20	18 4	0 43	8 38	0 48	T 25
F 26	5 29	19 12	4 3	0 14	1 50	23 1	3 2	9 40	0 14	23 10	0 20	18 3	0 44	8 39	0 48	F 26
S 27	5 52	15 41	4 35	0n38	1 44	23 18	3 5	9 57	0 13	23 10	0 20	18 2	0 44	8 40	0 48	S 27
S 28	6 14	11 34	4 55	1 30	1 38	23 34	3 8	10 14	0 13	23 10	0 20	18 1	0 44	8 40	0 48	S 28
M29	6 37	7 0	5 2	2 23	1 31	23 49	3 12	10 30	0 12	23 10	0 20	18 0	0 44	8 41	0 48	M29
T 30	7 0	2 8	4 55	3 17	1 23	24 4	3 15	10 47	0 11	23 10	0 19	17 59	0 44	8 42	0 48	T 30
W31	7n22	2n51	4s36	4n12	1s16	24n19	3n18	11n 3	0s11	23s10	0n19	17s58	0s44	8n42	0n48	W31

Julian Day Number = 2255112.5, Delta T = 06m07s

Ecliptic obliquity = 23°30'34", Nutation = - 0°00'16", out-of-bounds declination in red

Ayanamsha: Fagan/Bradley = 17°14'12", Lahiri = 16°21'12" Julian Calendar 1 March 1462 == Greg. Calendar 10 March 1462

# ASTRODIENST EPHEMERIS for the year 1462

## geocentric

APRIL 1462 JC

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	13 11 24	19°43'32	08°14	15°36	5°11	29°55	2°33	12°33	9°39	22°57	22°19	23°51	25°18	13°11	16°R 6	T 1
F 2	13 15 20	20°42'09	12°33	17°40	6°18	08°39	2°35	12°5	9°37	22°56	22°19	23°42	25°15	13°18	16°M 2	F 2
S 3	13 19 17	21°40'44	25°2	19°45	7°16	1°23	2°36	12°9	9°36	22°54	22°18	23°35	25°12	13°25	15°58	S 3
S 4	13 23 13	22°39'16	7°11	21°51	8°13	2°7	2°38	12°13	9°34	22°52	22°17	23°32	25°8	13°31	15°54	S 4
M 5	13 27 10	23°37'47	20°34	23°58	9°11	2°50	2°39	12°17	9°32	22°51	22°17	23°D31	25°5	13°38	15°50	M 5
T 6	13 31 7	24°36'16	3°41	26°6	10°7	3°34	2°40	12°20	9°31	22°49	22°16	23°31	25°2	13°45	15°46	T 6
W 7	13 35 3	25°34'42	17°5	28°14	11°4	4°18	2°41	12°24	9°29	22°47	22°16	23°32	24°59	13°52	15°42	W 7
T 8	13 39 0	26°33'06	08°48	08°22	11°59	5°2	2°42	12°28	9°27	22°46	22°15	23°R32	24°56	13°58	15°38	T 8
F 9	13 42 56	27°31'28	14°52	2°31	12°55	5°45	2°42	12°31	9°26	22°44	22°15	23°31	24°52	14°5	15°34	F 9
S 10	13 46 53	28°29'48	29°15	4°39	13°49	6°29	2°42	12°34	9°25	22°43	22°14	23°27	24°49	14°12	15°30	S 10
S 11	13 50 49	29°28'05	13°56	6°46	14°43	7°12	2°R42	12°38	9°23	22°41	22°14	23°22	24°46	14°18	15°26	S 11
M12	13 54 46	08°26'21	28°49	8°52	15°36	7°56	2°42	12°41	9°22	22°39	22°14	23°14	24°43	14°25	15°22	M12
T 13	13 58 42	1°24'34	13°45	10°58	16°29	8°39	2°42	12°44	9°20	22°38	22°13	23°7	24°40	14°32	15°17	T 13
W14	14 2 39	2°22'46	28°37	13°1	17°21	9°22	2°41	12°47	9°19	22°36	22°13	22°59	24°37	14°39	15°13	W14
T 15	14 6 36	3°20'56	13°15	15°3	18°13	10°6	2°41	12°50	9°18	22°34	22°13	22°52	24°33	14°45	15°9	T 15
F 16	14 10 32	4°19'04	27°32	17°3	19°3	10°49	2°40	12°53	9°17	22°33	22°12	22°48	24°30	14°52	15°4	F 16
S 17	14 14 29	5°17'11	11°25	19°1	19°53	11°32	2°39	12°55	9°16	22°31	22°12	22°45	24°27	14°59	15°0	S 17
S 18	14 18 25	6°15'16	24°51	20°56	20°42	12°15	2°38	12°58	9°15	22°30	22°12	22°D45	24°24	15°5	14°56	S 18
M19	14 22 22	7°13'20	7°31	22°48	21°31	12°58	2°36	13°1	9°14	22°28	22°12	22°46	24°21	15°12	14°51	M19
T 20	14 26 18	8°11'22	20°29	24°37	22°19	13°41	2°35	13°3	9°13	22°26	22°11	22°47	24°18	15°19	14°47	T 20
W21	14 30 15	9°9'23	2°48	26°23	23°5	14°24	2°33	13°6	9°12	22°25	22°11	22°48	24°14	15°26	14°42	W21
T 22	14 34 11	10°7'22	14°53	28°5	23°51	15°7	2°31	13°8	9°11	22°23	22°11	22°R48	24°11	15°32	14°38	T 22
F 23	14 38 8	11°5'20	26°49	29°45	24°36	15°50	2°29	13°10	9°10	22°22	22°11	22°47	24°8	15°39	14°33	F 23
S 24	14 42 5	12°3'17	8°41	1°20	25°20	16°33	2°26	13°12	9°9	22°20	22°11	22°43	24°5	15°46	14°29	S 24
S 25	14 46 1	13°1'12	20°33	2°53	26°3	17°16	2°24	13°14	9°9	22°19	22°D11	22°39	24°2	15°53	14°24	S 25
M26	14 49 58	13°59'06	2°29	4°21	26°46	17°59	2°21	13°16	9°8	22°17	22°11	22°33	23°58	15°59	14°20	M26
T 27	14 53 54	14°56'59	14°32	5°46	27°27	18°41	2°18	13°18	9°7	22°16	22°11	22°26	23°55	16°6	14°15	T 27
W28	14 57 51	15°54'50	26°44	7°7	28°7	19°24	2°15	13°20	9°7	22°14	22°11	22°19	23°52	16°13	14°11	W28
T 29	15 1 47	16°52'40	9°8	7°8	28°46	20°7	2°12	13°21	9°6	22°13	22°11	22°13	23°49	16°19	14°6	T 29
F 30	15 5 44	17°50'28	21°42	9°11	29°11	20°49	2°8	13°23	9°6	22°11	22°11	22°11	23°46	16°26	14°11	F 30

Day	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
T 1	7n44	7n47	4s 4	5n 7	1s 7	24n33	3n21	11n19	0s10	23s10	0n19	17s57	0s44	8n43	0n48	7s15
F 2	8 6	12 29	3 20	6 3	0 58	24 46	3 24	11 35	0 9	23 10	0 19	17 56	0 45	8 44	0 48	7 14
S 3	8 16	18 43	2 26	6 59	0 49	24 59	3 27	11 51	0 9	23 10	0 19	17 55	0 45	8 44	0 48	7 14
S 4	8 50	20 17	1 23	7 55	0 40	25 12	3 30	12 7	0 8	23 10	0 19	17 54	0 45	8 45	0 48	7 13
M 5	9 12	22 55	0 16	8 52	0 30	25 23	3 32	12 23	0 7	23 10	0 19	17 53	0 45	8 46	0 48	7 12
T 6	9 34	24 22	0n54	9 48	0 20	25 35	3 35	12 38	0 7	23 10	0 19	17 52	0 45	8 46	0 48	7 12
W 7	9 55	24 26	2 3	10 44	0 9	25 45	3 37	12 54	0 6	23 10	0 19	17 51	0 45	8 47	0 48	7 11
T 8	10 16	23 3	3 6	11 39	0n 1	25 55	3 40	13 9	0 5	23 10	0 19	17 50	0 45	8 47	0 48	7 11
F 9	10 37	20 14	3 59	12 34	0 12	26 5	3 42	13 24	0 5	23 10	0 19	17 50	0 46	8 48	0 48	7 10
S 10	10 58	16 7	4 39	13 28	0 23	26 14	3 44	13 39	0 4	23 10	0 19	17 49	0 46	8 48	0 48	7 9
S 11	11 19	10 58	5 2	14 21	0 34	26 22	3 46	13 54	0 3	23 10	0 19	17 48	0 46	8 49	0 48	7 9
M12	11 40	5 7	5 4	15 12	0 44	26 30	3 48	14 9	0 3	23 10	0 19	17 47	0 46	8 49	0 48	7 8
T 13	12 0	1s 3	4 46	16 2	0 55	26 38	3 49	14 24	0 2	23 10	0 19	17 47	0 46	8 50	0 48	7 8
W14	12 20	7 8	4 9	16 50	1 5	26 44	3 51	14 38	0 1	23 10	0 19	17 46	0 46	8 50	0 48	7 7
T 15	12 40	12 45	3 16	17 36	1 15	26 51	3 52	14 52	0 1	23 10	0 18	17 45	0 46	8 51	0 48	7 6
F 16	13 0	17 32	2 11	18 20	1 25	26 56	3 54	15 7	0 0	23 11	0 18	17 44	0 47	8 51	0 48	7 6
S 17	13 19	21 13	1 1	19 1	1 34	27 1	3 55	15 21	0n 0	23 11	0 18	17 44	0 47	8 51	0 48	7 5
S 18	13 39	23 36	0s11	19 41	1 42	27 6	3 56	15 35	0 1	23 11	0 18	17 43	0 47	8 52	0 48	7 5
M19	13 58	24 37	1 21	20 18	1 50	27 10	3 56	15 48	0 2	23 11	0 18	17 43	0 47	8 52	0 48	7 4
T 20	14 17	24 19	2 24	20 52	1 57	27 14	3 57	16 2	0 2	23 11	0 18	17 42	0 47	8 52	0 48	7 4
W21	14 35	22 49	3 19	21 24	2 4	27 17	3 57	16 15	0 3	23 11	0 18	17 42	0 47	8 53	0 48	7 3
T 22	14 54	20 19	4 5	21 54	2 10	27 19	3 57	16 29	0 4	23 11	0 18	17 41	0 48	8 53	0 48	7 2
F 23	15 12	16 58	4 39	22 21	2 15	27 21	3 57	16 42	0 4	23 11	0 18	17 41	0 48	8 53	0 48	7 2
S 24	15 30	12 58	5 0	22 46	2 19	27 23	3 57	16 55	0 5	23 11	0 18	17 40	0 48	8 54	0 47	7 1
S 25	15 48	8 29	5 9	23 8	2 23	27 24	3 57	17 8	0 5	23 12	0 18	17 40	0 48	8 54	0 47	7 1
M26	16 5	3 40	5 5	23 27	2 25	27 24	3 56	17 20	0 6	23 12	0 18	17 39	0 48	8 54	0 47	7 0
T 27	16 22	1n20	4 47	23 45	2 27	27 24	3 55	17 33	0 7	23 12	0 18	17 39	0 48	8 54	0 47	7 0
W28	16 39	6 22	4 16	24 0	2 28	27 24	3 54	17 45	0 7	23 12	0 17	17 39	0 49	8 54	0 47	6 59
T 29	16 56	11 13	3 32	24 12	2 28	27 23	3 53	17 57	0 8	23 12	0 17	17 38	0 49	8 55	0 47	6 59
F 30	17n12	15n42	2s38	24n23	2n27	27n22	3n51	18n 9	0n 9	23s12	0n17	17s38	0s49	8n55	0n47	6s58

Julian Day Number = 2255143.5, Delta T = 06m07s

Ecliptic obliquity = 23°30'34", Nutation = - 0°00'18", out-of-bounds declination in red

Ayanamsha: Fagan/Bradley = 17°14'16", Lahiri = 16°21'17" Julian Calendar 1 Apr. 1462 == Greg. Calendar 10 Apr. 1462

# ASTRODIENST EPHEMERIS for the year 1462

## geocentric

MAY 1462 JC

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	15 9 40	18°48'15	4°11'28	10°11'47	29°11'59	21°18'32	2°R 5	13°22'24	9°R 5	22°R10	22°R12	22°R 6	23°11'43	16°11'33	13°R57	S 1
S 2	15 13 37	19°46'01	17°27	11°52	0°53'5	22°14	2°1	13°26	9°11'5	22°12	22°D 4	23°39	16°40	13°11'53	S 2	
M 3	15 17 34	20°43'45	0°53'8	12°54	1° 9	22°57	1°57	13°27	9° 5	22° 7	22°12	22°11'5	23°36	16°46	13°48	M 3
T 4	15 21 30	21°41'28	14° 2	13°51	1°42	23°39	1°53	13°28	9° 4	22° 6	22°12	22° 6	23°33	16°53	13°44	T 4
W 5	15 25 27	22°39'09	27°39	14°44	2°13	24°21	1°49	13°29	9° 4	22° 4	22°13	22° 7	23°30	17° 0	13°40	W 5
T 6	15 29 23	23°36'48	11°12'29	15°32	2°43	25° 4	1°44	13°30	9° 4	22° 3	22°13	22° 9	23°27	17° 6	13°35	T 6
F 7	15 33 20	24°34'26	25°32	16°17	3°11	25°46	1°40	13°31	9° 4	22° 2	22°13	22°R 9	23°24	17°13	13°31	F 7
S 8	15 37 16	25°32'02	9°11'46	16°57	3°37	26°28	1°35	13°32	9°D 4	22° 0	22°14	22° 8	23°20	17°20	13°27	S 8
S 9	15 41 13	26°29'37	24° 9	17°32	4° 2	27°10	1°30	13°32	9° 4	21°59	22°14	22° 6	23°17	17°27	13°22	S 9
M10	15 45 9	27°27'10	8°13'8	18° 3	4°25	27°52	1°25	13°33	9° 4	21°58	22°14	22° 4	23°14	17°33	13°18	M10
T 11	15 49 6	28°24'42	23° 8	18°30	4°47	28°34	1°20	13°33	9° 4	21°57	22°15	22° 1	23°11	17°40	13°14	T 11
W12	15 53 3	29°22'12	7°11'33	18°51	5° 6	29°16	1°15	13°34	9° 4	21°55	22°15	21°57	23° 8	17°47	13°10	W12
T 13	15 56 59	0°11'941	21°48	19° 8	5°24	29°58	1° 9	13°34	9° 5	21°54	22°16	21°55	23° 4	17°54	13° 5	T 13
F 14	16 0 56	1°17'09	5°11'47	19°21	5°40	0°11'40	1° 3	13°34	9° 5	21°53	22°16	21°53	23° 1	18° 0	13° 1	F 14
S 15	16 4 52	2°14'37	19°28	19°28	5°54	1°22	0°58	13°R34	9° 5	21°52	22°17	21°D53	22°58	18° 7	12°57	S 15
S 16	16 8 49	3°12'03	2°31'47	19°R32	6° 5	2° 3	0°52	13°34	9° 6	21°51	22°17	21°53	22°55	18°14	12°53	S 16
M17	16 12 45	4° 9'28	15°45	19°30	6°15	2°45	0°46	13°34	9° 6	21°50	22°18	21°54	22°52	18°20	12°49	M17
T 18	16 16 42	5° 6'53	28°23	19°24	6°22	3°27	0°40	13°34	9° 7	21°48	22°19	21°55	22°49	18°27	12°45	T 18
W19	16 20 38	6° 4'16	10°11'45	19°14	6°28	4° 8	0°34	13°34	9° 7	21°47	22°19	21°56	22°45	18°34	12°42	W19
T 20	16 24 35	7° 1'40	22°52	19° 0	6°31	4°50	0°27	13°33	9° 8	21°46	22°20	21°57	22°42	18°41	12°38	T 20
F 21	16 28 32	7°59'02	4°11'51	18°41	6°R31	5°31	0°21	13°33	9° 8	21°45	22°21	21°R58	22°39	18°47	12°34	F 21
S 22	16 32 28	8°56'24	16°44	18°20	6°30	6°13	0°14	13°32	9° 9	21°44	22°22	21°58	22°36	18°54	12°30	S 22
S 23	16 36 25	9°53'45	28°38	17°55	6°26	6°54	0° 7	13°31	9°10	21°43	22°22	21°57	22°33	19° 1	12°27	S 23
M24	16 40 21	10°51'06	10°11'36	17°27	6°19	7°36	0° 1	13°31	9°11	21°42	22°23	21°56	22°29	19° 7	12°23	M24
T 25	16 44 18	11°48'26	22°43	16°58	6°10	8°17	29°11'54	13°30	9°11	21°41	22°24	21°55	22°26	19°14	12°19	T 25
W26	16 48 14	12°45'45	5° 1	16°26	5°59	8°58	29°47	13°29	9°12	21°41	22°25	21°53	22°23	19°21	12°16	W26
T 27	16 52 11	13°43'04	17°33	15°53	5°46	9°40	29°40	13°28	9°13	21°40	22°26	21°52	22°20	19°28	12°13	T 27
F 28	16 56 7	14°40'23	0°11'22	15°19	5°30	10°21	29°33	13°26	9°14	21°39	22°27	21°52	22°17	19°34	12° 9	F 28
S 29	17 0 4	15°37'41	13°27	14°45	5°11	11° 2	29°25	13°25	9°15	21°38	22°28	21°51	22°14	19°41	12° 6	S 29
S 30	17 4 1	16°34'58	26°48	14°12	4°51	11°43	29°18	13°24	9°17	21°37	22°29	21°D51	22°10	19°48	12° 3	S 30
M31	17 7 57	17°11'32'15	10°11'24	13°11'40	4°52'8	12°11'24	29°11'1	13°22'2	9°11'18	21°11'37	22°11'30	21°11'51	22°11'7	19°11'55	12°11'0	M31

Day	☉	☾		♂		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
S 1	17n28	19n33	1s35	24n31	2n25	27n20	3n49	18n21	0n 9	23s12	0n17	17s38	0s49	8n55	0n47	6s58	1n50	24n57	11n27	23n16	23n22	10s 1	13s39	2n32	
S 2	17 44	22 30	0 25	24 38	2 23	27 18	3 47	18 32	0 10	23 13	0 17	17 37	0 49	8 55	0 47	6 57	1 50	24 56	11 27	23 16	23 21	9 59	13 38	2 32	
M 3	17 59	24 17	0n47	24 42	2 19	27 15	3 45	18 44	0 10	23 13	0 17	17 37	0 49	8 55	0 47	6 57	1 50	24 56	11 27	23 16	23 21	9 56	13 36	2 32	
T 4	18 14	24 43	1 57	24 45	2 14	27 12	3 42	18 55	0 11	23 13	0 17	17 37	0 49	8 55	0 47	6 56	1 50	24 56	11 26	23 16	23 21	9 54	13 35	2 33	
W 5	18 29	23 40	3 2	24 46	2 9	27 9	3 39	19 6	0 12	23 13	0 17	17 37	0 50	8 55	0 47	6 56	1 50	24 55	11 26	23 16	23 21	9 51	13 33	2 33	
T 6	18 44	21 12	3 58	24 45	2 2	27 5	3 36	19 17	0 12	23 13	0 17	17 37	0 50	8 55	0 47	6 55	1 50	24 55	11 26	23 17	23 21	9 49	13 32	2 33	
F 7	18 58	17 27	4 40	24 42	1 55	27 1	3 33	19 28	0 13	23 13	0 17	17 37	0 50	8 55	0 47	6 55	1 50	24 55	11 26	23 17	23 21	9 46	13 30	2 33	
S 8	19 12	12 39	5 6	24 38	1 46	26 56	3 29	19 38	0 14	23 14	0 16	17 37	0 50	8 55	0 47	6 54	1 50	24 54	11 25	23 17	23 20	9 44	13 29	2 34	
S 9	19 26	7 7	5 13	24 32	1 37	26 51	3 24	19 49	0 14	23 14	0 16	17 37	0 50	8 55	0 47	6 54	1 49	24 54	11 25	23 16	23 20	9 41	13 27	2 34	
M10	19 39	1 10	5 1	24 25	1 27	26 46	3 20	19 59	0 15	23 14	0 16	17 37	0 50	8 55	0 47	6 53	1 49	24 53	11 25	23 16	23 20	9 38	13 26	2 34	
T 11	19 52	4s51	4 29	24 16	1 16	26 40	3 15	20 9	0 15	23 14	0 16	17 37	0 51	8 55	0 47	6 53	1 49	24 53	11 25	23 16	23 20	9 36	13 24	2 34	
W12	20 4	10 36	3 40	24 6	1 4	26 34	3 10	20 19	0 16	23 14	0 16	17 37	0 51	8 55	0 47	6 52	1 49	24 53	11 24	23 16	23 20	9 33	13 23	2 35	
T 13	20 17	15 43	2 38	23 55	0 51	26 28	3 4	20 28	0 17	23 14	0 16	17 37	0 51	8 55	0 47	6 52	1 49	24 52	11 24	23 16	23 20	9 31	13 21	2 35	
F 14	20 29	19 54	1 27	23 42	0 37	26 21	2 58	20 38	0 17	23 14	0 16	17 37	0 51	8 55	0 47	6 52	1 49	24 52	11 24	23 16	23 19	9 28	13 20	2 35	
S 15	20 40	22 52	0 13	23 28	0 23	26 14	2 52	20 47	0 18	23 15	0 16	17 37	0 51	8 54	0 47	6 51	1 49	24 51	11 23	23 16	23 19	9 26	13 18	2 35	
S 16	20 51	24 29	1s 0	23 14	0 8	26 7	2 45	20 56	0 18	23 15	0 16	17 37	0 51	8 54	0 47	6 51	1 49	24 51	11 23	23 16	23 19	9 23	13 17	2 35	
M17	21 2	24 42	2 8	22 58	0s 8	25 59	2 38	21 5	0 19	23 15	0 16	17 37	0 52	8 54	0 47	6 50	1 49	24 50	11 23	23 16	23 19	9 20	13 16	2 36	
T 18	21 13	23 37	3 8	22 41	0 24	25 51	2 30	21 13	0 19	23 15	0 15	17 38	0 52	8 54	0 46	6 50	1 49	24 50	11 23	23 16	23 19	9 18	13 14	2 36	
W19	21 23	21 24	3 58	22 24	0 40	25 43	2 22	21 22	0 20	23 15	0 15	17 38	0 52	8 53	0 46	6 50	1 49	24 50	11 22	23 16	23 19	9 15	13 13	2 36	
T 20	21 33	18 17	4 36	22 6	0 57	25 34	2 13	21 30	0 21	23 15	0 15	17 38	0 52	8 53	0 46	6 49	1 49	24 49	11 22	23 16	23 18	9 13	13 12	2 36	
F 21	21 42	14 26	5 2	21 47	1 15	25 25	2 4	21 38	0 21	23 15	0 15	17 38	0 52	8 53	0 46	6 49	1 49	24 49	11 22	23 16	23 18	9 10	13 10	2 36	
S 22	21 51	10 4	5 15	21 28	1 32	25 16	1 55	21 46	0 22	23 16	0 15	17 39	0 52	8 53	0 46	6 49	1 49	24 48	11 22	23 16	23 18	9 7	13 9	2 36	
S 23	22 0	5 20	5 14	21 9	1 49	25 6	1 45	21 54	0 22	23 16	0 15	17 39	0 53	8 52	0 46	6 48	1 49	24 48	11 21	23 16	23 18	9 5	13 8	2 37	
M24	22 8	0 23	4 59	20 50	2 6	24 56	1 35	22 1	0 23	23 16	0 15	17 39	0 53	8 52	0 46	6 48	1 49	24 47	11 21	23 16	23 18	9 2	13 7	2 37	
T 25	22 16	4n39	4 32	20 30	2 22	24 46	1 24	22 8	0 24	23 16	0 15	17 40	0 53	8 52	0 46	6 48	1 49	24 47	11 21	23 16	23 18	9 0	13 5	2 37	
W26	22 24	9 36	3 51	20 11	2 38	24 35	1 13	22 15	0 24	23 16	0 14	17 40	0 53	8 51	0 46	6 47	1 49	24 46	11 21	23 16	23 17	8 57	13 4	2 37	
T 27	22 31	14 16	2 59	19 53	2 54	24 25	1 2	22 22	0 25	23 16	0 14	17 41	0 53	8 51	0 46	6 47	1 49	24 46	11 20	23 16	23 17	8 54	13 3	2 37	
F 28	22 38	18 24	1 56	19 35	3 8	24 13	0 50	22 29	0 25	23 16	0 14	17 41	0 53	8 50	0 46	6 47	1 49	24 45	11 20	23 16	23 17	8 52	13 2	2 37	
S 29	22 44	21 43	0 46	19 17	3 22	24 2	0 37	22 35	0 26	23 16	0 14	17 42	0 54	8 50	0 46	6 47	1 49	24 44	11 20	23 15	23 17	8 49	13 1	2 37	
S 30	22 50	23 56	0n27	19 1	3 34	23 50	0 25	22 42	0 26	23 16	0 14	17 42	0 54	8 49	0 46	6 46	1 49	24 44	11 20	23 15	23 17	8 46	13 0	2 38	
M31	22n55	24n47	1n41	18n46	3s46	23n38	0n12	22n48	0n27	23s17	0n14	17s43	0s54	8n49	0n46	6s46	1n49	24n43	11n20	23n15	23n16	8s44	12s59	2n38	



ASTRODIENST EPHEMERIS for the year 1462  
geocentric

JUNE 1462 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	17 11 54	18°11'31"	24°13'	13°R 9	4°R 3	13°II 5	29°R 4	13°R21	9°19	21°R36	22°131	21°II52	22°II 4	20°R 1	11°R57	T 1
W 2	17 15 50	19°26'47"	8°13'	12°II40	3°36	13°46	28°R56	13°R19	9°20	21°R35	22°32	21°52	22° 1	20° 8	11°R54	W 2
T 3	17 19 47	20°24'02"	22°21	12°14	3° 8	14°27	28°49	13°17	9°22	21°34	22°33	21°52	21°58	20°15	11°51	T 3
F 4	17 23 43	21°21'16"	6°33'	11°51	2°37	15° 8	28°41	13°16	9°23	21°34	22°34	21°52	21°55	20°21	11°48	F 4
S 5	17 27 40	22°18'29"	20°48	11°31	2° 5	15°49	28°33	13°14	9°24	21°33	22°35	21°52	21°51	20°28	11°46	S 5
S 6	17 31 37	23°15'41"	5°2	11°15	1°31	16°30	28°26	13°12	9°26	21°33	22°36	21°52	21°48	20°35	11°43	S 6
M 7	17 35 33	24°12'53"	19°13	11° 3	0°56	17°10	28°18	13°10	9°27	21°32	22°37	21°52	21°45	20°42	11°40	M 7
T 8	17 39 30	25°10'04"	3°19	10°56	0°21	17°51	28°11	13° 7	9°29	21°31	22°39	21°53	21°42	20°48	11°38	T 8
W 9	17 43 26	26° 7'15"	17°16	10°D53	29°II44	18°32	28° 3	13° 5	9°31	21°31	22°40	21°53	21°39	20°55	11°36	W 9
T 10	17 47 23	27° 4'25"	1°3	10°54	29° 7	19°12	27°55	13° 3	9°32	21°31	22°41	21°53	21°35	21° 2	11°33	T 10
F 11	17 51 19	28° 1'35"	14°38	11° 0	28°29	19°53	27°48	13° 0	9°34	21°30	22°42	21°54	21°32	21° 9	11°31	F 11
S 12	17 55 16	28°58'45"	27°57	11°11	27°51	20°34	27°40	12°58	9°36	21°30	22°44	21°R54	21°29	21°15	11°29	S 12
S 13	17 59 12	29°55'55"	11°3	11°27	27°14	21°14	27°32	12°55	9°38	21°29	22°45	21°53	21°26	21°22	11°27	S 13
M14	18 3 9	0°53'04"	23°49	11°48	26°37	21°55	27°25	12°53	9°39	21°29	22°46	21°52	21°23	21°29	11°25	M14
T 15	18 7 6	1°50'14"	6°22	12°14	26° 0	22°35	27°17	12°50	9°41	21°29	22°48	21°51	21°20	21°35	11°23	T 15
W16	18 11 2	2°47'23"	18°41	12°44	25°25	23°15	27° 9	12°47	9°43	21°28	22°49	21°50	21°16	21°42	11°22	W16
T 17	18 14 59	3°44'33"	0°48	13°20	24°50	23°56	27° 2	12°44	9°45	21°28	22°50	21°48	21°13	21°49	11°20	T 17
F 18	18 18 55	4°41'43"	12°46	14° 0	24°17	24°36	26°54	12°41	9°47	21°28	22°52	21°47	21°10	21°56	11°18	F 18
S 19	18 22 52	5°38'53"	24°40	14°45	23°46	25°16	26°47	12°38	9°49	21°28	22°53	21°46	21° 7	22° 2	11°17	S 19
S 20	18 26 48	6°36'03"	6°34	15°34	23°16	25°56	26°39	12°35	9°51	21°28	22°55	21°D46	21° 4	22° 9	11°16	S 20
M21	18 30 45	7°33'14"	18°32	16°28	22°47	26°37	26°32	12°32	9°54	21°27	22°56	21°46	21° 1	22°16	11°14	M21
T 22	18 34 41	8°30'25"	0°39	17°27	22°21	27°17	26°24	12°29	9°56	21°27	22°58	21°47	20°57	22°23	11°13	T 22
W23	18 38 38	9°27'37"	12°59	18°30	21°57	27°57	26°17	12°25	9°58	21°27	22°59	21°48	20°54	22°29	11°12	W23
T 24	18 42 35	10°24'49"	25°37	19°38	21°35	28°37	26°10	12°22	10° 0	21°D27	23° 1	21°50	20°51	22°36	11°11	T 24
F 25	18 46 31	11°22'01"	8°II34	20°50	21°15	29°17	26° 2	12°19	10° 3	21°27	23° 2	21°51	20°48	22°43	11°10	F 25
S 26	18 50 28	12°19'14"	21°53	22° 7	20°57	29°57	25°55	12°15	10° 5	21°27	23° 4	21°R51	20°45	22°49	11°10	S 26
S 27	18 54 24	13°16'28"	5°33	23°27	20°42	0°37	25°48	12°11	10° 8	21°27	23° 5	21°51	20°41	22°56	11° 9	S 27
M28	18 58 21	14°13'42"	19°34	24°52	20°29	1°17	25°41	12° 8	10°10	21°27	23° 7	21°49	20°38	23° 3	11° 9	M28
T 29	19 2 17	15°10'56"	3°150	26°21	20°19	1°56	25°34	12° 4	10°13	21°28	23° 9	21°47	20°35	23°10	11° 8	T 29
W30	19 6 14	16°58'10"	18°17	27°II54	20°II11	2°36	25°R28	12°R 0	10°15	21°28	23°10	21°II43	20°II32	23°R16	11°R 8	W30

Day	☉	☾		♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
T 1	23n 1	24n 7	2n50	18n33	3s56	23n25	0s 1	22n53	0n28	23s17	0n14	17s44	0s54	8n48	0n46	6s46	1n49	24n43	11n19	23n16	23n16	8s41	12s58	2n38			
W 2	23 5	21 57	3 50	18 20	4 4	23 13	0 15	22 59	0 28	23 17	0 14	17 44	0 54	8 48	0 46	6 46	1 48	24 42	11 19	23 16	23 16	8 39	12 57	2 38			
T 3	23 10	18 27	4 36	18 10	4 12	23 0	0 29	23 4	0 29	23 17	0 13	17 45	0 54	8 47	0 46	6 45	1 48	24 42	11 19	23 16	23 16	8 36	12 56	2 38			
F 4	23 14	13 51	5 6	18 1	4 18	22 46	0 43	23 10	0 29	23 17	0 13	17 45	0 54	8 47	0 46	6 45	1 48	24 41	11 19	23 16	23 16	8 33	12 55	2 38			
S 5	23 17	8 30	5 17	17 54	4 22	22 33	0 57	23 15	0 30	23 17	0 13	17 46	0 55	8 46	0 46	6 45	1 48	24 40	11 18	23 16	23 15	8 31	12 54	2 38			
S 6	23 20	2 43	5 8	17 49	4 25	22 19	1 11	23 19	0 30	23 17	0 13	17 47	0 55	8 46	0 46	6 45	1 48	24 40	11 18	23 16	23 15	8 28	12 53	2 38			
M 7	23 23	3s12	4 42	17 45	4 27	22 5	1 25	23 24	0 31	23 17	0 13	17 48	0 55	8 45	0 46	6 45	1 48	24 39	11 18	23 16	23 15	8 25	12 52	2 38			
T 8	23 25	8 56	3 58	17 44	4 27	21 51	1 39	23 28	0 31	23 17	0 13	17 48	0 55	8 44	0 46	6 45	1 48	24 39	11 18	23 16	23 15	8 23	12 51	2 38			
W 9	23 27	14 9	3 0	17 45	4 26	21 37	1 53	23 33	0 32	23 17	0 13	17 49	0 55	8 44	0 46	6 45	1 48	24 38	11 18	23 16	23 15	8 20	12 50	2 39			
T 10	23 29	18 35	1 53	17 47	4 24	21 23	2 7	23 37	0 32	23 17	0 12	17 50	0 55	8 43	0 46	6 44	1 48	24 37	11 17	23 16	23 15	8 17	12 50	2 39			
F 11	23 30	21 57	0 40	17 51	4 21	21 9	2 21	23 40	0 33	23 17	0 12	17 51	0 56	8 42	0 45	6 44	1 48	24 37	11 17	23 16	23 14	8 15	12 49	2 39			
S 12	23 30	24 3	0s34	17 57	4 17	20 55	2 34	23 44	0 34	23 17	0 12	17 52	0 56	8 42	0 45	6 44	1 48	24 36	11 17	23 16	23 14	8 12	12 48	2 39			
S 13	23 31	24 47	1 44	18 5	4 11	20 41	2 48	23 47	0 34	23 17	0 12	17 53	0 56	8 41	0 45	6 44	1 48	24 36	11 17	23 16	23 14	8 9	12 48	2 39			
M14	23 30	24 9	2 48	18 14	4 5	20 28	3 0	23 50	0 35	23 17	0 12	17 53	0 56	8 40	0 45	6 44	1 48	24 35	11 17	23 16	23 14	8 7	12 47	2 39			
T 15	23 30	22 19	3 42	18 24	3 57	20 14	3 13	23 53	0 35	23 17	0 12	17 54	0 56	8 40	0 45	6 44	1 48	24 34	11 16	23 15	23 13	8 4	12 46	2 39			
W16	23 29	19 28	4 25	18 36	3 49	20 1	3 25	23 56	0 36	23 17	0 12	17 55	0 56	8 39	0 45	6 44	1 48	24 34	11 16	23 15	23 13	8 1	12 46	2 39			
T 17	23 27	15 49	4 55	18 50	3 40	19 48	3 36	23 58	0 36	23 17	0 11	17 56	0 56	8 38	0 45	6 44	1 48	24 33	11 16	23 15	23 13	7 59	12 45	2 39			
F 18	23 26	11 35	5 12	19 4	3 30	19 36	3 47	24 1	0 37	23 17	0 11	17 57	0 57	8 37	0 45	6 44	1 48	24 32	11 16	23 15	23 13	7 56	12 45	2 39			
S 19	23 23	6 57	5 15	19 19	3 20	19 24	3 58	24 3	0 37	23 17	0 11	17 58	0 57	8 36	0 45	6 44	1 48	24 32	11 16	23 15	23 13	7 53	12 44	2 39			
S 20	23 21	2 3	5 5	19 36	3 9	19 13	4 8	24 5	0 38	23 17	0 11	17 59	0 57	8 35	0 45	6 44	1 48	24 31	11 15	23 15	23 12	7 51	12 44	2 39			
M21	23 18	2n56	4 42	19 52	2 58	19 2	4 17	24 6	0 38	23 17	0 11	18 0	0 57	8 35	0 45	6 44	1 47	24 30	11 15	23 15	23 12	7 48	12 43	2 39			
T 22	23 14	7 53	4 6	20 10	2 46	18 52	4 26	24 8	0 39	23 17	0 11	18 1	0 57	8 34	0 45	6 44	1 47	24 30	11 15	23 15	23 12	7 45	12 43	2 39			
W23	23 10	12 38	3 18	20 28	2 34	18 42	4 34	24 9	0 39	23 17	0 11	18 3	0 57	8 33	0 45	6 44	1 47	24 29	11 15	23 15	23 12	7 43	12 43	2 39			
T 24	23 6	16 58	2 20	20 46	2 21	18 34	4 41	24 10	0 40	23 17	0 10	18 4	0 57	8 32	0 45	6 44	1 47	24 28	11 15	23 15	23 12	7 40	12 42	2 39			
F 25	23 1	20 36	1 13	21 4	2 8	18 25	4 48	24 11	0 40	23 17	0 10	18 5	0 58	8 31	0 45	6 44	1 47	24 28	11 15	23 15	23 11	7 37	12 42	2 39			
S 26	22 56	23 16	0n 0	21 22	1 55	18 18	4 55	24 11	0 41	23 17	0 10	18 6	0 58	8 30	0 45	6 44	1 47	24 27	11 15	23 15	23 11	7 34	12 42	2 39			
S 27	22 51	24 38	1 15	21 39	1 42	18 11	5 0	24 12	0 41	23 17	0 10	18 7	0 58	8 29	0 45	6 44	1 47	24 26	11 14	23 15	23 11	7 32	12 42	2 39			
M28	22 45	24 30	2 26	21 56	1 28	18 5	5 6	24 12	0 42	23 16	0 10	18 8	0 58	8 28	0 45	6 44	1 47	24 26	11 14	23 15	23 11	7 29	12 41	2 39			
T 29	22 39	22 40	3 30	22 12	1 15	18 0	5 10	24 12	0 42	23 16	0 10	18 9	0 58	8 27	0 45	6 44	1 47	24 25	11 14	23 15	23 10	7 26	12 41	2 39			
W30	22n32	19n32	4n22	22n28	1s 2	17n55	5s14	24n12	0n43	23s16	0n10	18s10	0s58	8n26	0n45	6s44	1n47	24n24	11n14	23n15	23n10	7s24	12s41	2n39			

# ASTRODIENST EPHEMERIS for the year 1462

## geocentric

JULY 1462 JC

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	19 10 10	17°52'5	2°50'	29°30'	20°R 5	3°56'	25°R21	11°R57	10°18'	21°28'	23°12'	21°R40	20°29'	23°23'	11°R 8	T 1	
F 2	19 14 7	18°24'0	17°21'	1°51'1	20°II 2	3°56'	25°R14	11°R53	10°20'	21°28'	23°14'	21°II37	20°26'	23°30'	11°R 7	F 2	
S 3	19 18 4	18°59'55	1°47'	2°55'	20°D 1	4°36'	25° 8	11°49'	10°23'	21°28'	23°15'	21°35'	20°22'	23°36'	11°D 7	S 3	
S 4	19 22 0	19°57'10	16° 3	4°42'	20° 2	5°15'	25° 1	11°45'	10°26'	21°29'	23°17'	21°D34	20°19'	23°43'	11° 7	S 4	
M 5	19 25 57	20°54'25	0°16' 6	6°33'	20° 6	5°55'	24°55'	11°41'	10°28'	21°29'	23°19'	21°34'	20°16'	23°50'	11° 8	M 5	
T 6	19 29 53	21°51'41	13°56'	8°26'	20°11	6°34'	24°49'	11°37'	10°31'	21°29'	23°20'	21°35'	20°13'	23°57'	11° 8	T 6	
W 7	19 33 50	22°48'57	27°32'	10°22'	20°19	7°14'	24°43'	11°33'	10°34'	21°30'	23°22'	21°37'	20°10'	24° 3	11° 8	W 7	
T 8	19 37 46	23°46'14	10°25'5	12°21'	20°29	7°53'	24°37'	11°29'	10°37'	21°30'	23°24'	21°38'	20° 7	24°10'	11° 9	T 8	
F 9	19 41 43	24°43'31	24° 5	14°21'	20°41	8°33'	24°31'	11°24'	10°40'	21°31'	23°26'	21°R39	20° 3	24°17'	11° 9	F 9	
S 10	19 45 39	25°40'49	7°3 2	16°24'	20°56	9°12'	24°26'	11°20'	10°42'	21°31'	23°28'	21°38'	20° 0	24°24'	11°10	S 10	
S 11	19 49 36	26°38'07	19°47'	18°27'	21°12	9°52'	24°20'	11°16'	10°45'	21°32'	23°29'	21°35'	19°57'	24°30'	11°11	S 11	
M12	19 53 33	27°35'26	2°20'	20°32'	21°30	10°31'	24°15'	11°12'	10°48'	21°32'	23°31'	21°30'	19°54'	24°37'	11°12	M12	
T 13	19 57 29	28°32'46	14°42'	22°37'	21°49	11°10'	24°10'	11° 7	10°51'	21°33'	23°33'	21°25'	19°51'	24°44'	11°13	T 13	
W14	20 1 26	29°30'06	26°54'	24°43'	22°11	11°50'	24° 5	11° 3	10°54'	21°33'	23°35'	21°18'	19°47'	24°50'	11°14	W14	
T 15	20 5 22	0°12'27	8°57'	26°49'	22°35	12°29'	24° 0	10°59'	10°57'	21°34'	23°37'	21°11'	19°44'	24°57'	11°15	T 15	
F 16	20 9 19	1°24'51	20°54'	28°55'	23° 0	13° 8	23°55'	10°54'	11° 1	21°35'	23°39'	21° 5	19°41'	25° 4	11°16	F 16	
S 17	20 13 15	2°22'14	2°46'	1°10'	23°26	13°47'	23°50'	10°50'	11° 4	21°35'	23°40'	21° 0	19°38'	25°11'	11°18	S 17	
S 18	20 17 12	3°19'39	14°39'	3° 5	23°54	14°26'	23°46'	10°46'	11° 7	21°36'	23°42'	20°56'	19°35'	25°17'	11°19	S 18	
M19	20 21 8	4°17'05	26°35'	5° 9	24°24	15° 5	23°42'	10°41'	11°10'	21°37'	23°44'	20°54'	19°32'	25°24'	11°21	M19	
T 20	20 25 5	5°14'33	8°40'	7°12'	24°55	15°44'	23°38'	10°37'	11°13'	21°38'	23°46'	20°D54	19°28'	25°31'	11°23	T 20	
W21	20 29 2	6°12'02	20°58'	9°14'	25°28	16°23'	23°34'	10°32'	11°16'	21°39'	23°48'	20°55'	19°25'	25°38'	11°25	W21	
T 22	20 32 58	7° 9'32	3°11'34	11°15'	26° 2	17° 2	23°30'	10°28'	11°20'	21°39'	23°50'	20°56'	19°22'	25°44'	11°26	T 22	
F 23	20 36 55	8° 7'03	16°33'	13°15'	26°37	17°41'	23°26'	10°23'	11°23'	21°40'	23°52'	20°R57	19°19'	25°51'	11°28	F 23	
S 24	20 40 51	9° 4'36	29°57'	15°13'	27°13	18°20'	23°23'	10°19'	11°26'	21°41'	23°54'	20°57'	19°16'	25°58'	11°31	S 24	
S 25	20 44 48	10° 2'11	13°58'	17°10'	27°51	18°59'	23°20'	10°14'	11°30'	21°42'	23°56'	20°54'	19°13'	26° 4	11°33	S 25	
M26	20 48 44	10°59'46	28° 5	19° 5	28°30	19°38'	23°17'	10°10'	11°33'	21°43'	23°58'	20°50'	19° 9	26°11'	11°35	M26	
T 27	20 52 41	11°57'23	12°14'	20°59'	29°10	20°17'	23°14'	10° 5	11°36'	21°44'	24° 0	20°44'	19° 6	26°18'	11°38	T 27	
W28	20 56 37	12°55'01	27°35'	22°52'	29°51	20°56'	23°11'	10° 1	11°40'	21°45'	24° 2	20°36'	19° 3	26°25'	11°40	W28	
T 29	21 0 34	13°52'40	12°13'	24°43'	0°32	21°35'	23° 8	9°57'	11°43'	21°46'	24° 3	20°28'	19° 0	26°31'	11°43	T 29	
F 30	21 4 31	14°50'20	27°28'	26°33'	1°15	22°13'	23° 6	9°52'	11°47'	21°47'	24° 5	20°21'	18°57'	26°38'	11°45	F 30	
S 31	21 8 27	15°14'02	12°11'	28°12'	1°59	22°52'	23° 4	9°48'	11°50'	21°48'	24° 7	20°15'	18°53'	26°45'	11°48	S 31	

Day	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
T 1	22n25	15n 6	4n57	22n42	0s49	17n51	5s18	24n12	0n43	23s16	0n 9	18s12	0s58	8n25	0n45	6s44	1n47
F 2	22 17	9 48	5 12	22 55	0 36	17 48	5 21	24 11	0 44	23 16	0 9	18 13	0 59	8 24	0 45	6 45	1 47
S 3	22 10	4 0	5 8	23 6	0 23	17 45	5 24	24 10	0 44	23 16	0 9	18 14	0 59	8 23	0 45	6 45	1 47
S 4	22 1	1s57	4 45	23 15	0 10	17 43	5 26	24 9	0 45	23 16	0 9	18 15	0 59	8 22	0 45	6 45	1 47
M 5	21 53	7 43	4 5	23 23	0n 2	17 42	5 28	24 8	0 45	23 16	0 9	18 17	0 59	8 21	0 45	6 45	1 47
T 6	21 44	13 1	3 12	23 28	0 14	17 41	5 29	24 7	0 46	23 16	0 9	18 18	0 59	8 20	0 45	6 45	1 47
W 7	21 34	17 35	2 8	23 31	0 25	17 40	5 30	24 5	0 46	23 16	0 8	18 19	0 59	8 19	0 45	6 46	1 47
T 8	21 25	21 11	0 58	23 31	0 35	17 41	5 30	24 3	0 47	23 16	0 8	18 20	0 59	8 18	0 45	6 46	1 47
F 9	21 15	23 36	0s13	23 29	0 45	17 41	5 30	24 1	0 47	23 16	0 8	18 22	0 59	8 17	0 45	6 46	1 46
S 10	21 4	24 42	1 23	23 24	0 55	17 42	5 30	23 59	0 48	23 16	0 8	18 23	0 59	8 16	0 44	6 46	1 46
S 11	20 53	24 28	2 27	23 17	1 3	17 44	5 30	23 57	0 48	23 15	0 8	18 24	1 0	8 14	0 44	6 46	1 46
M12	20 42	23 0	3 23	23 6	1 11	17 46	5 29	23 54	0 49	23 15	0 8	18 25	1 0	8 13	0 44	6 47	1 46
T 13	20 31	20 26	4 9	22 53	1 18	17 48	5 28	23 51	0 49	23 15	0 8	18 27	1 0	8 12	0 44	6 47	1 46
W14	20 19	16 59	4 42	22 38	1 24	17 51	5 26	23 48	0 50	23 15	0 7	18 28	1 0	8 11	0 44	6 47	1 46
T 15	20 7	12 54	5 2	22 19	1 30	17 54	5 24	23 45	0 50	23 15	0 7	18 29	1 0	8 10	0 44	6 48	1 46
F 16	19 54	8 21	5 9	21 59	1 35	17 57	5 22	23 42	0 51	23 15	0 7	18 31	1 0	8 9	0 44	6 48	1 46
S 17	19 41	3 31	5 3	21 36	1 38	18 1	5 20	23 39	0 51	23 15	0 7	18 32	1 0	8 7	0 44	6 48	1 46
S 18	19 28	1n26	4 43	21 10	1 42	18 5	5 18	23 35	0 52	23 15	0 7	18 33	1 0	8 6	0 44	6 48	1 46
M19	19 15	6 22	4 12	20 43	1 44	18 9	5 15	23 31	0 52	23 15	0 7	18 35	1 0	8 5	0 44	6 49	1 46
T 20	19 1	11 8	3 28	20 13	1 45	18 13	5 12	23 27	0 53	23 15	0 6	18 36	1 1	8 4	0 44	6 49	1 46
W21	18 47	15 34	2 35	19 42	1 46	18 17	5 9	23 23	0 53	23 15	0 6	18 37	1 1	8 2	0 44	6 50	1 46
T 22	18 32	19 25	1 32	19 9	1 47	18 21	5 6	23 18	0 54	23 15	0 6	18 38	1 1	8 1	0 44	6 50	1 46
F 23	18 17	22 26	0 24	18 35	1 46	18 25	5 3	23 14	0 54	23 15	0 6	18 40	1 1	8 0	0 44	6 50	1 46
S 24	18 2	24 19	0n48	17 59	1 45	18 30	4 59	23 9	0 54	23 15	0 6	18 41	1 1	7 59	0 44	6 51	1 46
S 25	17 47	24 47	2 0	17 23	1 43	18 34	4 56	23 4	0 55	23 15	0 6	18 42	1 1	7 57	0 44	6 51	1 46
M26	17 31	23 39	3 6	16 45	1 41	18 38	4 52	22 59	0 55	23 15	0 6	18 44	1 1	7 56	0 44	6 51	1 46
T 27	17 15	20 54	4 1	16 6	1 38	18 43	4 48	22 54	0 56	23 15	0 5	18 45	1 1	7 55	0 44	6 52	1 45
W28	16 59	16 45	4 42	15 26	1 35	18 47	4 44	22 48	0 56	23 15	0 5	18 46	1 1	7 53	0 44	6 52	1 45
T 29	16 43	11 32	5 3	14 45	1 31	18 51	4 39	22 42	0 57	23 15	0 5	18 48	1 1	7 52	0 44	6 53	1 45
F 30	16 26	5 39	5 3	14 4	1 27	18 55	4 35	22 37	0 57	23 15	0 5	18 49	1 1	7 51	0 44	6 53	1 45
S 31	16n 9	0s29	4n44	13n23	1n23	18n59	4s31	22n31	0n58	23s15	0n 5	18s50	1s 1	7n49	0n44	6s54	1n45

Julian Day Number = 2255234.5, Delta T = 06m06s

Ecliptic obliquity = 23°30'34", Nutation = - 0°00'16", out-of-bounds declination in red

Ayanamsha: Fagan/Bradley = 17°14'29", Lahiri = 16°21'29" Julian Calendar 1 July 1462 == Greg. Calendar 10 July 1462



# ASTRODIENST EPHEMERIS for the year 1462

## geocentric

AUGUST 1462 JC

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	21 12 24	16°45'44	26°38	0°7 7	2°344	23°31	23°R 2	9°R43	11°54	21°50	24°9	20°R11	18°II50	26°X51	11°M51	S 1
M 2	21 16 20	17°43'27	10°M44	1°53	3°30	24° 9	23°X 0	9°X39	11°57	21°51	24°11	20°II10	18°47	26°58	11°54	M 2
T 3	21 20 17	18°41'12	24°29	3°37	4°16	24°48	22°58	9°34	12° 1	21°52	24°13	20°D10	18°44	27° 5	11°57	T 3
W 4	21 24 13	19°38'58	7°X54	5°19	5° 3	25°26	22°57	9°30	12° 4	21°53	24°15	20°10	18°41	27°12	12° 0	W 4
T 5	21 28 10	20°36'45	21° 1	7° 0	5°52	26° 5	22°56	9°26	12° 8	21°55	24°17	20°R11	18°38	27°18	12° 4	T 5
F 6	21 32 6	21°34'33	3°Z52	8°40	6°40	26°43	22°55	9°21	12°11	21°56	24°19	20°10	18°34	27°25	12° 7	F 6
S 7	21 36 3	22°32'22	16°31	10°18	7°30	27°22	22°54	9°17	12°15	21°57	24°21	20° 7	18°31	27°32	12°10	S 7
S 8	21 40 0	23°30'13	28°58	11°55	8°20	28° 0	22°53	9°13	12°19	21°59	24°23	20° 1	18°28	27°39	12°14	S 8
M 9	21 43 56	24°28'05	11°X17	13°30	9°11	28°38	22°53	9° 8	12°22	22° 0	24°25	19°53	18°25	27°45	12°18	M 9
T 10	21 47 53	25°25'59	23°27	15° 5	10° 3	29°17	22°52	9° 4	12°26	22° 1	24°27	19°42	18°22	27°52	12°21	T 10
W11	21 51 49	26°23'54	5°X31	16°37	10°55	29°55	22°D52	9° 0	12°30	22° 3	24°29	19°30	18°19	27°59	12°25	W11
T 12	21 55 46	27°21'51	17°29	18° 9	11°48	0°Z33	22°52	8°56	12°33	22° 4	24°31	19°18	18°15	28° 5	12°29	T 12
F 13	21 59 42	28°19'49	29°23	19°39	12°42	1°12	22°53	8°52	12°37	22° 6	24°33	19° 6	18°12	28°12	12°33	F 13
S 14	22 3 39	29°17'49	11°Y14	21° 8	13°36	1°50	22°53	8°48	12°41	22° 7	24°35	18°56	18° 9	28°19	12°37	S 14
S 15	22 7 35	0°M15'51	23° 5	22°35	14°31	2°28	22°54	8°44	12°44	22° 9	24°37	18°48	18° 6	28°26	12°41	S 15
M16	22 11 32	1°13'55	5°X 0	24° 1	15°26	3° 6	22°54	8°40	12°48	22°10	24°39	18°42	18° 3	28°32	12°45	M16
T 17	22 15 29	2°12'01	17° 3	25°26	16°22	3°44	22°56	8°36	12°52	22°12	24°41	18°39	17°59	28°39	12°50	T 17
W18	22 19 25	3°10'09	29°18	26°49	17°18	4°22	22°57	8°32	12°55	22°13	24°43	18°D38	17°56	28°46	12°54	W18
T 19	22 23 22	4° 8'19	11°II51	28°11	18°15	5° 0	22°58	8°28	12°59	22°15	24°45	18°R38	17°53	28°52	12°59	T 19
F 20	22 27 18	5° 6'31	24°45	29°31	19°13	5°38	23° 0	8°24	13° 3	22°17	24°47	18°38	17°50	28°59	13° 3	F 20
S 21	22 31 15	6° 4'45	8°Z 6	0°Z50	20°10	6°16	23° 1	8°21	13° 7	22°18	24°49	18°37	17°47	29° 6	13° 8	S 21
S 22	22 35 11	7° 3'02	21°56	2° 7	21° 9	6°54	23° 3	8°17	13°10	22°20	24°51	18°34	17°44	29°13	13°13	S 22
M23	22 39 8	8° 1'20	6°Z16	3°23	22° 7	7°32	23° 6	8°13	13°14	22°22	24°53	18°28	17°40	29°19	13°17	M23
T 24	22 43 4	8°59'40	21° 2	4°37	23° 6	8°10	23° 8	8°10	13°18	22°23	24°55	18°19	17°37	29°26	13°22	T 24
W25	22 47 1	9°58'02	6°M 7	5°49	24° 6	8°48	23°10	8° 6	13°22	22°25	24°57	18° 9	17°34	29°33	13°27	W25
T 26	22 50 58	10°56'26	21°23	6°59	25° 6	9°26	23°13	8° 3	13°25	22°27	24°59	17°58	17°31	29°40	13°32	T 26
F 27	22 54 54	11°54'51	6°Z37	8° 8	26° 6	10° 4	23°16	8° 0	13°29	22°29	25° 1	17°47	17°28	29°46	13°37	F 27
S 28	22 58 51	12°53'19	21°39	9°14	27° 7	10°41	23°19	7°56	13°33	22°31	25° 3	17°39	17°25	29°53	13°43	S 28
S 29	23 2 47	13°51'48	6°M21	10°18	28° 8	11°19	23°22	7°53	13°37	22°32	25° 5	17°33	17°21	29°59	13°48	S 29
M30	23 6 44	14°50'19	20°38	11°20	29° 9	11°57	23°26	7°50	13°41	22°34	25° 6	17°29	17°18	0°Y 6	13°53	M30
T 31	23 10 40	15°M48'51	4°X27	12°Z19	0°Z11	12°Z35	23°X29	7°X47	13°M44	22°Z36	25°Z 8	17°II28	17°II15	0°Y13	13°M59	T 31

Day	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
S 1	15n52	6s28	4n 6	12n40	1n18	19n 3	4s26	22n25	0n58	23s15	0n 5	18s51	1s 2	7n48	0n44	S 1
M 2	15 34	12 0	3 15	11 58	1 12	19 6	4 22	22 18	0 58	23 15	0 5	18 53	1 2	7 47	0 44	M 2
T 3	15 16	16 48	2 13	11 15	1 7	19 10	4 17	22 12	0 59	23 15	0 4	18 54	1 2	7 45	0 44	T 3
W 4	14 58	20 37	1 5	10 32	1 1	19 13	4 12	22 5	0 59	23 15	0 4	18 55	1 2	7 44	0 44	W 4
T 5	14 40	23 17	0s 4	9 49	0 54	19 16	4 7	21 58	1 0	23 15	0 4	18 56	1 2	7 42	0 44	T 5
F 6	14 21	<b>24 40</b>	1 12	9 5	0 48	19 18	4 2	21 51	1 0	23 15	0 4	18 58	1 2	7 41	0 44	F 6
S 7	14 2	<b>24 44</b>	2 16	8 22	0 41	19 21	3 58	21 44	1 1	23 15	0 4	18 59	1 2	7 40	0 44	S 7
S 8	13 43	<b>23 32</b>	3 11	7 38	0 34	19 23	3 52	21 37	1 1	23 15	0 4	19 0	1 2	7 38	0 44	S 8
M 9	13 24	21 14	3 57	6 55	0 27	19 25	3 47	21 30	1 2	23 16	0 4	19 1	1 2	7 37	0 44	M 9
T 10	13 5	18 0	4 31	6 12	0 19	19 26	3 42	21 22	1 2	23 16	0 3	19 2	1 2	7 35	0 44	T 10
W11	12 45	14 3	4 53	5 28	0 12	19 27	3 37	21 15	1 2	23 16	0 3	19 3	1 2	7 34	0 44	W11
T 12	12 25	9 35	5 1	4 46	0 4	19 28	3 32	21 7	1 3	23 16	0 3	19 5	1 2	7 33	0 44	T 12
F 13	12 5	4 47	4 57	4 3	0s 4	19 28	3 27	20 59	1 3	23 16	0 3	19 6	1 2	7 31	0 44	F 13
S 14	11 45	0n10	4 39	3 20	0 12	19 28	3 21	20 51	1 4	23 16	0 3	19 7	1 2	7 30	0 44	S 14
S 15	11 25	5 8	4 10	2 38	0 20	19 28	3 16	20 42	1 4	23 16	0 3	19 8	1 2	7 28	0 44	S 15
M16	11 4	9 56	3 29	1 57	0 29	19 27	3 11	20 34	1 4	23 17	0 3	19 9	1 2	7 27	0 44	M16
T 17	10 43	14 26	2 39	1 15	0 37	19 26	3 5	20 25	1 5	23 17	0 2	19 10	1 2	7 26	0 44	T 17
W18	10 22	18 25	1 41	0 34	0 46	19 25	3 0	20 17	1 5	23 17	0 2	19 11	1 2	7 24	0 44	W18
T 19	10 1	21 41	0 36	0s 6	0 54	19 23	2 54	20 8	1 6	23 17	0 2	19 12	1 2	7 23	0 44	T 19
F 20	9 40	<b>23 57</b>	0n32	0 46	1 3	19 20	2 49	19 59	1 6	23 17	0 2	19 13	1 2	7 21	0 44	F 20
S 21	9 18	<b>24 57</b>	1 41	1 25	1 11	19 18	2 43	19 50	1 7	23 18	0 2	19 14	1 2	7 20	0 44	S 21
S 22	8 57	<b>24 27</b>	2 46	2 4	1 20	19 14	2 38	19 41	1 7	23 18	0 2	19 15	1 3	7 18	0 44	S 22
M23	8 35	22 22	3 43	2 42	1 28	19 11	2 33	19 32	1 7	23 18	0 2	19 16	1 3	7 17	0 44	M23
T 24	8 13	18 45	4 27	3 19	1 37	19 6	2 27	19 22	1 8	23 18	0 2	19 17	1 3	7 15	0 44	T 24
W25	7 51	13 50	4 54	3 56	1 46	19 2	2 22	19 13	1 8	23 19	0 1	19 18	1 3	7 14	0 44	W25
T 26	7 29	8 1	5 0	4 32	1 54	18 57	2 16	19 3	1 9	23 19	0 1	19 19	1 3	7 12	0 44	T 26
F 27	7 7	1 43	4 44	5 7	2 3	18 51	2 11	18 53	1 9	23 19	0 1	19 20	1 3	7 11	0 44	F 27
S 28	6 44	4s36	4 10	5 40	2 11	18 45	2 5	18 43	1 9	23 19	0 1	19 21	1 3	7 10	0 44	S 28
S 29	6 22	10 33	3 19	6 13	2 19	18 38	2 0	18 33	1 10	23 20	0 1	19 22	1 3	7 8	0 44	S 29
M30	5 59	15 46	2 17	6 45	2 27	18 31	1 55	18 23	1 10	23 20	0 1	19 22	1 3	7 7	0 44	M30
T 31	5n37	19s59	1n 8	7s16	2s35	18n24	1s49	18n13	1n11	23s20	0n 1	19s23	1s 3	7n 5	0n44	T 31

Julian Day Number = 2255265.5, Delta T = 06m06s

Ecliptic obliquity = 23°30'35", Nutation = - 0°00'16", out-of-bounds declination in red

Ayanamsha: Fagan/Bradley = 17°14'33", Lahiri = 16°21'33" Julian Calendar 1 Aug. 1462 == Greg. Calendar 10 Aug. 1462

# ASTRODIENST EPHEMERIS for the year 1462

## geocentric

SEPTEMBER 1462 JC

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	23 14 37	16 <sup>17</sup> 47'25	17 <sup>17</sup> 52	13 <sup>13</sup> 16	1 <sup>1</sup> 13	13 <sup>13</sup> 12	23 <sup>23</sup> 33	7 <sup>7</sup> R44	13 <sup>13</sup> 48	22 <sup>22</sup> 38	25 <sup>25</sup> 10	17 <sup>17</sup> R28	17 <sup>17</sup> II12	0 <sup>0</sup> Y20	14 <sup>14</sup> ML 4	W 1
T 2	23 18 33	17 <sup>17</sup> 46'01	0 <sup>0</sup> 353	14 <sup>14</sup> 10	2 <sup>2</sup> 15	13 <sup>13</sup> 50	23 <sup>23</sup> 37	7 <sup>7</sup> 341	13 <sup>13</sup> 52	22 <sup>22</sup> 40	25 <sup>25</sup> 12	17 <sup>17</sup> II27	17 <sup>17</sup> ° 9	0 <sup>0</sup> 27	14 <sup>14</sup> 10	T 2
F 3	23 22 30	18 <sup>18</sup> 44'39	13 <sup>13</sup> 36	15 <sup>15</sup> ° 1	3 <sup>3</sup> 18	14 <sup>14</sup> 27	23 <sup>23</sup> 41	7 <sup>7</sup> 38	13 <sup>13</sup> 56	22 <sup>22</sup> 42	25 <sup>25</sup> 14	17 <sup>17</sup> 26	17 <sup>17</sup> ° 5	0 <sup>0</sup> 33	14 <sup>14</sup> 15	F 3
S 4	23 26 27	19 <sup>19</sup> 43'18	26 <sup>26</sup> ° 3	15 <sup>15</sup> 48	4 <sup>4</sup> 21	15 <sup>15</sup> ° 5	23 <sup>23</sup> 45	7 <sup>7</sup> 36	13 <sup>13</sup> 59	22 <sup>22</sup> 44	25 <sup>25</sup> 16	17 <sup>17</sup> 22	17 <sup>17</sup> ° 2	0 <sup>0</sup> 40	14 <sup>14</sup> 21	S 4
S 5	23 30 23	20 <sup>20</sup> 41'59	8 <sup>8</sup> 319	16 <sup>16</sup> 32	5 <sup>5</sup> 25	15 <sup>15</sup> 42	23 <sup>23</sup> 50	7 <sup>7</sup> 33	14 <sup>14</sup> ° 3	22 <sup>22</sup> 46	25 <sup>25</sup> 18	17 <sup>17</sup> 15	16 <sup>16</sup> 59	0 <sup>0</sup> 47	14 <sup>14</sup> 27	S 5
M 6	23 34 20	21 <sup>21</sup> 40'42	20 <sup>20</sup> 27	17 <sup>17</sup> 12	6 <sup>6</sup> 28	16 <sup>16</sup> 20	23 <sup>23</sup> 55	7 <sup>7</sup> 30	14 <sup>14</sup> ° 7	22 <sup>22</sup> 48	25 <sup>25</sup> 19	17 <sup>17</sup> ° 6	16 <sup>16</sup> 56	0 <sup>0</sup> 53	14 <sup>14</sup> 33	M 6
T 7	23 38 16	22 <sup>22</sup> 39'27	2 <sup>2</sup> 3828	17 <sup>17</sup> 49	7 <sup>7</sup> 32	16 <sup>16</sup> 57	23 <sup>23</sup> 59	7 <sup>7</sup> 28	14 <sup>14</sup> 11	22 <sup>22</sup> 50	25 <sup>25</sup> 21	16 <sup>16</sup> 54	16 <sup>16</sup> 53	1 <sup>1</sup> ° 0	14 <sup>14</sup> 38	T 7
W 8	23 42 13	23 <sup>23</sup> 38'13	14 <sup>14</sup> 25	18 <sup>18</sup> 20	8 <sup>8</sup> 36	17 <sup>17</sup> 35	24 <sup>24</sup> ° 4	7 <sup>7</sup> 25	14 <sup>14</sup> 14	22 <sup>22</sup> 52	25 <sup>25</sup> 23	16 <sup>16</sup> 40	16 <sup>16</sup> 50	1 <sup>1</sup> ° 7	14 <sup>14</sup> 44	W 8
T 9	23 46 9	24 <sup>24</sup> 37'01	26 <sup>26</sup> 19	18 <sup>18</sup> 47	9 <sup>9</sup> 41	18 <sup>18</sup> 12	24 <sup>24</sup> 10	7 <sup>7</sup> 23	14 <sup>14</sup> 18	22 <sup>22</sup> 54	25 <sup>25</sup> 25	16 <sup>16</sup> 26	16 <sup>16</sup> 46	1 <sup>1</sup> 14	14 <sup>14</sup> 50	T 9
F 10	23 50 6	25 <sup>25</sup> 35'52	8 <sup>8</sup> Y11	19 <sup>19</sup> ° 8	10 <sup>10</sup> 46	18 <sup>18</sup> 49	24 <sup>24</sup> 15	7 <sup>7</sup> 21	14 <sup>14</sup> 22	22 <sup>22</sup> 56	25 <sup>25</sup> 27	16 <sup>16</sup> 12	16 <sup>16</sup> 43	1 <sup>1</sup> 20	14 <sup>14</sup> 56	F 10
S 11	23 54 2	26 <sup>26</sup> 34'45	20 <sup>20</sup> ° 3	19 <sup>19</sup> 24	11 <sup>11</sup> 51	19 <sup>19</sup> 27	24 <sup>24</sup> 20	7 <sup>7</sup> 19	14 <sup>14</sup> 26	22 <sup>22</sup> 58	25 <sup>25</sup> 28	16 <sup>16</sup> ° 0	16 <sup>16</sup> 40	1 <sup>1</sup> 27	15 <sup>15</sup> ° 3	S 11
S 12	23 57 59	27 <sup>27</sup> 33'39	1 <sup>1</sup> 356	19 <sup>19</sup> 34	12 <sup>12</sup> 56	20 <sup>20</sup> ° 4	24 <sup>24</sup> 26	7 <sup>7</sup> 17	14 <sup>14</sup> 29	23 <sup>23</sup> ° 0	25 <sup>25</sup> 30	15 <sup>15</sup> 51	16 <sup>16</sup> 37	1 <sup>1</sup> 34	15 <sup>15</sup> ° 9	S 12
M13	0 1 55	28 <sup>28</sup> 32'36	13 <sup>13</sup> 54	19 <sup>19</sup> R38	14 <sup>14</sup> ° 1	20 <sup>20</sup> 41	24 <sup>24</sup> 32	7 <sup>7</sup> 15	14 <sup>14</sup> 33	23 <sup>23</sup> ° 2	25 <sup>25</sup> 32	15 <sup>15</sup> 44	16 <sup>16</sup> 34	1 <sup>1</sup> 40	15 <sup>15</sup> 15	M13
T 14	0 5 52	29 <sup>29</sup> 31'35	25 <sup>25</sup> 58	19 <sup>19</sup> 34	15 <sup>15</sup> ° 7	21 <sup>21</sup> 18	24 <sup>24</sup> 38	7 <sup>7</sup> 13	14 <sup>14</sup> 37	23 <sup>23</sup> ° 4	25 <sup>25</sup> 34	15 <sup>15</sup> 40	16 <sup>16</sup> 30	1 <sup>1</sup> 47	15 <sup>15</sup> 21	T 14
W15	0 9 49	0 <sup>0</sup> 30'37	8 <sup>8</sup> II14	19 <sup>19</sup> 23	16 <sup>16</sup> 13	21 <sup>21</sup> 55	24 <sup>24</sup> 44	7 <sup>7</sup> 11	14 <sup>14</sup> 40	23 <sup>23</sup> ° 6	25 <sup>25</sup> 35	15 <sup>15</sup> 39	16 <sup>16</sup> 27	1 <sup>1</sup> 54	15 <sup>15</sup> 28	W15
T 16	0 13 45	1 <sup>1</sup> 29'41	20 <sup>20</sup> 44	19 <sup>19</sup> ° 5	17 <sup>17</sup> 20	22 <sup>22</sup> 33	24 <sup>24</sup> 50	7 <sup>7</sup> ° 9	14 <sup>14</sup> 44	23 <sup>23</sup> ° 8	25 <sup>25</sup> 37	15 <sup>15</sup> D38	16 <sup>16</sup> 24	2 <sup>2</sup> ° 1	15 <sup>15</sup> 34	T 16
F 17	0 17 42	2 <sup>2</sup> 28'47	3 <sup>3</sup> 35	18 <sup>18</sup> 39	18 <sup>18</sup> 26	23 <sup>23</sup> 10	24 <sup>24</sup> 57	7 <sup>7</sup> ° 8	14 <sup>14</sup> 48	23 <sup>23</sup> 10	25 <sup>25</sup> 39	15 <sup>15</sup> R39	16 <sup>16</sup> 21	2 <sup>2</sup> ° 7	15 <sup>15</sup> 40	F 17
S 18	0 21 38	3 <sup>3</sup> 27'56	16 <sup>16</sup> 49	18 <sup>18</sup> ° 6	19 <sup>19</sup> 33	23 <sup>23</sup> 47	25 <sup>25</sup> ° 3	7 <sup>7</sup> ° 6	14 <sup>14</sup> 51	23 <sup>23</sup> 12	25 <sup>25</sup> 40	15 <sup>15</sup> 38	16 <sup>16</sup> 18	2 <sup>2</sup> 14	15 <sup>15</sup> 47	S 18
S 19	0 25 35	4 <sup>4</sup> 27'07	0 <sup>0</sup> 31	17 <sup>17</sup> 24	20 <sup>20</sup> 40	24 <sup>24</sup> 24	25 <sup>25</sup> 10	7 <sup>7</sup> ° 5	14 <sup>14</sup> 55	23 <sup>23</sup> 15	25 <sup>25</sup> 42	15 <sup>15</sup> 35	16 <sup>16</sup> 15	2 <sup>2</sup> 21	15 <sup>15</sup> 54	S 19
M20	0 29 31	5 <sup>5</sup> 26'20	14 <sup>14</sup> 42	16 <sup>16</sup> 35	21 <sup>21</sup> 47	25 <sup>25</sup> ° 1	25 <sup>25</sup> 17	7 <sup>7</sup> ° 3	14 <sup>14</sup> 59	23 <sup>23</sup> 17	25 <sup>25</sup> 44	15 <sup>15</sup> 30	16 <sup>16</sup> 11	2 <sup>2</sup> 27	16 <sup>16</sup> ° 0	M20
T 21	0 33 28	6 <sup>6</sup> 23'36	29 <sup>29</sup> 21	15 <sup>15</sup> 39	22 <sup>22</sup> 54	25 <sup>25</sup> 38	25 <sup>25</sup> 24	7 <sup>7</sup> ° 2	15 <sup>15</sup> ° 2	23 <sup>23</sup> 19	25 <sup>25</sup> 45	15 <sup>15</sup> 23	16 <sup>16</sup> ° 8	2 <sup>2</sup> 34	16 <sup>16</sup> ° 7	T 21
W22	0 37 24	7 <sup>7</sup> 24'54	14 <sup>14</sup> 23	14 <sup>14</sup> 37	24 <sup>24</sup> ° 2	26 <sup>26</sup> 15	25 <sup>25</sup> 31	7 <sup>7</sup> ° 1	15 <sup>15</sup> ° 6	23 <sup>23</sup> 21	25 <sup>25</sup> 47	15 <sup>15</sup> 14	16 <sup>16</sup> ° 5	2 <sup>2</sup> 41	16 <sup>16</sup> 14	W22
T 23	0 41 21	8 <sup>8</sup> 24'14	29 <sup>29</sup> 39	13 <sup>13</sup> 31	25 <sup>25</sup> 10	26 <sup>26</sup> 51	25 <sup>25</sup> 38	7 <sup>7</sup> ° 0	15 <sup>15</sup> ° 9	23 <sup>23</sup> 23	25 <sup>25</sup> 48	15 <sup>15</sup> ° 4	16 <sup>16</sup> ° 2	2 <sup>2</sup> 48	16 <sup>16</sup> 20	T 23
F 24	0 45 18	9 <sup>9</sup> 23'36	14 <sup>14</sup> 59	12 <sup>12</sup> 20	26 <sup>26</sup> 18	27 <sup>27</sup> 28	25 <sup>25</sup> 46	6 <sup>6</sup> 59	15 <sup>15</sup> 13	23 <sup>23</sup> 25	25 <sup>25</sup> 50	14 <sup>14</sup> 54	15 <sup>15</sup> 59	2 <sup>2</sup> 54	16 <sup>16</sup> 27	F 24
S 25	0 49 14	10 <sup>10</sup> 23'00	0 <sup>0</sup> ML10	11 <sup>11</sup> ° 9	27 <sup>27</sup> 26	28 <sup>28</sup> ° 5	25 <sup>25</sup> 53	6 <sup>6</sup> 58	15 <sup>15</sup> 16	23 <sup>23</sup> 28	25 <sup>25</sup> 51	14 <sup>14</sup> 46	15 <sup>15</sup> 56	3 <sup>3</sup> ° 1	16 <sup>16</sup> 34	S 25
S 26	0 53 11	11 <sup>11</sup> 22'26	15 <sup>15</sup> ° 3	9 <sup>9</sup> 57	28 <sup>28</sup> 34	28 <sup>28</sup> 42	26 <sup>26</sup> ° 1	6 <sup>6</sup> 58	15 <sup>15</sup> 20	23 <sup>23</sup> 30	25 <sup>25</sup> 53	14 <sup>14</sup> 40	15 <sup>15</sup> 52	3 <sup>3</sup> ° 8	16 <sup>16</sup> 41	S 26
M27	0 57 7	12 <sup>12</sup> 21'54	29 <sup>29</sup> 32	8 <sup>8</sup> 48	29 <sup>29</sup> 43	29 <sup>29</sup> 19	26 <sup>26</sup> ° 9	6 <sup>6</sup> 57	15 <sup>15</sup> 23	23 <sup>23</sup> 32	25 <sup>25</sup> 55	14 <sup>14</sup> 37	15 <sup>15</sup> 49	3 <sup>3</sup> 15	16 <sup>16</sup> 48	M27
T 28	1 1 4	13 <sup>13</sup> 21'24	13 <sup>13</sup> 32	7 <sup>7</sup> 43	0 <sup>0</sup> ML51	29 <sup>29</sup> 55	26 <sup>26</sup> 17	6 <sup>6</sup> 56	15 <sup>15</sup> 27	23 <sup>23</sup> 34	25 <sup>25</sup> 56	14 <sup>14</sup> D36	15 <sup>15</sup> 46	3 <sup>3</sup> 21	16 <sup>16</sup> 55	T 28
W29	1 5 0	14 <sup>14</sup> 20'56	27 <sup>27</sup> ° 3	6 <sup>6</sup> 44	2 <sup>2</sup> ° 0	0 <sup>0</sup> ML32	26 <sup>26</sup> 25	6 <sup>6</sup> 56	15 <sup>15</sup> 30	23 <sup>23</sup> 36	25 <sup>25</sup> 57	14 <sup>14</sup> 36	15 <sup>15</sup> 43	3 <sup>3</sup> 28	17 <sup>17</sup> ° 2	W29
T 30	1 8 57	15 <sup>15</sup> 20'30	10 <sup>10</sup> 39	5 <sup>5</sup> 53	3 <sup>3</sup> ML9	1 <sup>1</sup> ML9	26 <sup>26</sup> 34	6 <sup>6</sup> 56	15 <sup>15</sup> 34	23 <sup>23</sup> 39	25 <sup>25</sup> 59	14 <sup>14</sup> R37	15 <sup>15</sup> II40	3 <sup>3</sup> Y35	17 <sup>17</sup> ML 9	T 30

Day	☉	☾		♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
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ASTRODIENST EPHEMERIS for the year 1462  
geocentric

OCTOBER 1462 JC

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Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	1 12 53	16♂20'05	22♂51	5°R12	4♂19	1♂45	26♂42	6°R55	15♂37	23♂41	26♂0	14°R37	15♂36	3°Y41	17♂16	F 1
S 2	1 16 50	17°19'42	5♂16	4♂41	5°28	2°22	26°51	6♂55	15°40	23°43	26°2	14♂35	15°33	3°48	17°23	S 2
S 3	1 20 47	18°19'21	17°27	4°21	6°37	2°58	26°59	6°D55	15°44	23°45	26°3	14°31	15°30	3°55	17°30	S 3
M 4	1 24 43	19°19'02	29°29	4°D12	7°47	3°35	27°8	6°55	15°47	23°48	26°4	14°25	15°27	4°2	17°38	M 4
T 5	1 28 40	20°18'44	11♂25	4°14	8°57	4°11	27°17	6°55	15°50	23°50	26°6	14°16	15°24	4°8	17°45	T 5
W 6	1 32 36	21°18'28	23°18	4°27	10°7	4°47	27°26	6°56	15°54	23°52	26°7	14°6	15°21	4°15	17°52	W 6
T 7	1 36 33	22°18'14	5°Y10	4°51	11°17	5°24	27°35	6°56	15°57	23°54	26°8	13°56	15°17	4°22	17°59	T 7
F 8	1 40 29	23°18'02	17°3	5°24	12°27	6°0	27°45	6°57	16°0	23°57	26°9	13°46	15°14	4°28	18°7	F 8
S 9	1 44 26	24°17'52	28°59	6°6	13°38	6°36	27°54	6°57	16°3	23°59	26°11	13°37	15°11	4°35	18°14	S 9
S 10	1 48 22	25°17'44	10♂59	6°56	14°48	7°13	28°4	6°58	16°6	24°1	26°12	13°30	15°8	4°42	18°22	S 10
M 11	1 52 19	26°17'39	23°5	7°53	15°59	7°49	28°13	6°59	16°10	24°3	26°13	13°26	15°5	4°49	18°29	M 11
T 12	1 56 16	27°17'35	5♂18	8°57	17°10	8°25	28°23	7°0	16°13	24°5	26°14	13°23	15°1	4°55	18°36	T 12
W 13	2 0 12	28°17'33	17°42	10°7	18°21	9°1	28°33	7°1	16°16	24°8	26°15	13°D23	14°58	5°2	18°44	W 13
T 14	2 4 9	29°17'34	0♂18	11°21	19°32	9°37	28°43	7°2	16°19	24°10	26°16	13°24	14°55	5°9	18°51	T 14
F 15	2 8 5	0♂17'36	13°11	12°39	20°43	10°13	28°53	7°3	16°22	24°12	26°18	13°26	14°52	5°15	18°59	F 15
S 16	2 12 2	1°17'41	26°24	14°1	21°54	10°49	29°3	7°4	16°25	24°14	26°19	13°R27	14°49	5°22	19°7	S 16
S 17	2 15 58	2°17'48	9♂58	15°26	23°5	11°25	29°14	7°6	16°28	24°17	26°20	13°26	14°46	5°29	19°14	S 17
M 18	2 19 55	3°17'57	23°57	16°53	24°17	12°1	29°24	7°7	16°30	24°19	26°21	13°25	14°42	5°36	19°22	M 18
T 19	2 23 51	4°18'08	8♂20	18°23	25°29	12°37	29°35	7°9	16°33	24°21	26°22	13°21	14°39	5°42	19°29	T 19
W 20	2 27 48	5°18'22	23°4	19°54	26°40	13°12	29°45	7°10	16°36	24°23	26°22	13°16	14°36	5°49	19°37	W 20
T 21	2 31 45	6°18'37	8♂3	21°26	27°52	13°48	29°56	7°12	16°39	24°26	26°23	13°11	14°33	5°56	19°45	T 21
F 22	2 35 41	7°18'54	23°10	22°59	29°4	14°24	0♂7	7°14	16°42	24°28	26°24	13°5	14°30	6°2	19°52	F 22
S 23	2 39 38	8°19'13	8♂13	24°34	0♂16	15°0	0°18	7°16	16°44	24°30	26°25	13°0	14°27	6°9	20°0	S 23
S 24	2 43 34	9°19'34	23°5	26°9	1°29	15°35	0°29	7°18	16°47	24°32	26°26	12°57	14°23	6°16	20°8	S 24
M 25	2 47 31	10°19'57	7♂36	27°44	2°41	16°11	0°40	7°20	16°50	24°34	26°27	12°D56	14°20	6°23	20°15	M 25
T 26	2 51 27	11°20'21	21°43	29°20	3°53	16°46	0°51	7°23	16°52	24°37	26°27	12°56	14°17	6°29	20°23	T 26
W 27	2 55 24	12°20'47	5♂22	0♂56	5°6	17°22	1°3	7°25	16°55	24°39	26°28	12°57	14°14	6°36	20°31	W 27
T 28	2 59 20	13°21'15	18°35	2°33	6°18	17°57	1°14	7°27	16°57	24°41	26°29	12°59	14°11	6°43	20°39	T 28
F 29	3 3 17	14°21'43	1♂24	4°9	7°31	18°32	1°26	7°30	17°0	24°43	26°30	13°0	14°7	6°49	20°46	F 29
S 30	3 7 14	15°22'13	13°52	5°45	8°43	19°8	1°37	7°33	17°2	24°45	26°30	13°R1	14°4	6°56	20°54	S 30
S 31	3 11 10	16♂22'44	26♂5	7♂21	9♂56	19♂43	1♂49	7♂36	17♂4	24♂47	26♂31	13♂1	14♂1	7°Y3	21♂2	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	6s27	24s41	3s10	2s 1	0n 4	10n31	0n36	12n10	1n22	23s31	0s 3	19s36	1 s 2	6n22	0n44	7s37	1n43	23n34	11n24	22n37	22n44	3s 1	14s28	2n41			
S 2	6 49	22 50	3 57	1 32	0 22	10 9	0 40	11 57	1 23	23 31	0 3	19 36	1 2	6 21	0 44	7 38	1 43	23 34	11 24	22 37	22 43	2 58	14 30	2 41			
S 3	7 12	19 58	4 32	1 8	0 39	9 47	0 43	11 44	1 23	23 32	0 3	19 36	1 2	6 19	0 44	7 39	1 43	23 34	11 24	22 37	22 43	2 55	14 32	2 41			
M 4	7 35	16 17	4 55	0 50	0 55	9 24	0 47	11 31	1 23	23 32	0 3	19 36	1 2	6 18	0 44	7 40	1 43	23 33	11 25	22 36	22 43	2 52	14 34	2 41			
T 5	7 58	12 0	5 5	0 38	1 9	9 1	0 50	11 18	1 24	23 32	0 3	19 36	1 2	6 17	0 44	7 40	1 43	23 33	11 25	22 35	22 42	2 49	14 36	2 41			
W 6	8 20	7 17	5 1	0 31	1 22	8 38	0 54	11 5	1 24	23 32	0 3	19 36	1 2	6 15	0 44	7 41	1 43	23 33	11 25	22 34	22 42	2 46	14 38	2 41			
T 7	8 42	2 18	4 45	0 31	1 33	8 14	0 57	10 52	1 24	23 33	0 3	19 36	1 2	6 14	0 44	7 42	1 43	23 33	11 26	22 32	22 42	2 43	14 40	2 41			
F 8	9 5	2n46	4 16	0 35	1 42	7 50	1 0	10 39	1 25	23 33	0 4	19 36	1 2	6 13	0 44	7 43	1 43	23 33	11 26	22 31	22 41	2 41	14 41	2 41			
S 9	9 27	7 47	3 36	0 45	1 50	7 26	1 3	10 26	1 25	23 33	0 4	19 35	1 2	6 12	0 44	7 44	1 43	23 33	11 26	22 30	22 41	2 38	14 43	2 42			
S 10	9 49	12 33	2 46	0 59	1 56	7 1	1 6	10 13	1 26	23 34	0 4	19 35	1 2	6 11	0 44	7 44	1 43	23 33	11 27	22 29	22 41	2 35	14 45	2 42			
M11	10 11	16 52	1 47	1 17	2 1	6 36	1 9	10 0	1 26	23 34	0 4	19 35	1 2	6 9	0 44	7 45	1 43	23 33	11 27	22 29	22 40	2 32	14 47	2 42			
T 12	10 32	20 32	0 44	1 39	2 5	6 11	1 12	9 46	1 26	23 34	0 4	19 35	1 2	6 8	0 44	7 46	1 43	23 32	11 27	22 28	22 40	2 29	14 49	2 42			
W13	10 54	23 20	0n23	2 4	2 7	5 46	1 15	9 33	1 27	23 34	0 4	19 34	1 2	6 7	0 44	7 47	1 43	23 32	11 28	22 28	22 40	2 26	14 51	2 42			
T 14	11 15	25 1	1 30	2 32	2 8	5 21	1 17	9 20	1 27	23 34	0 4	19 34	1 2	6 6	0 44	7 48	1 43	23 32	11 28	22 29	22 39	2 23	14 53	2 42			
F 15	11 36	25 25	2 34	3 2	2 9	4 55	1 20	9 6	1 27	23 35	0 4	19 34	1 2	6 5	0 44	7 49	1 43	23 32	11 28	22 29	22 39	2 20	14 55	2 42			
S 16	11 58	24 24	3 32	3 35	2 8	4 29	1 22	8 53	1 28	23 35	0 4	19 33	1 2	6 4	0 44	7 49	1 43	23 32	11 29	22 29	22 39	2 17	14 57	2 43			
S 17	12 18	21 57	4 19	4 9	2 7	4 3	1 25	8 40	1 28	23 35	0 4	19 33	1 2	6 3	0 45	7 50	1 43	23 32	11 29	22 29	22 38	2 14	14 59	2 43			
M18	12 39	18 10	4 53	4 44	2 4	3 36	1 27	8 26	1 28	23 35	0 5	19 33	1 2	6 1	0 45	7 51	1 43	23 32	11 30	22 29	22 38	2 11	15 0	2 43			
T 19	12 59	13 14	5 9	5 21	2 2	3 10	1 29	8 13	1 29	23 35	0 5	19 32	1 2	6 0	0 45	7 52	1 43	23 32	11 30	22 28	22 37	2 8	15 2	2 43			
W20	13 20	7 26	5 6	5 59	1 58	2 43	1 31	7 59	1 29	23 35	0 5	19 32	1 2	5 59	0 45	7 53	1 44	23 32	11 30	22 28	22 37	2 5	15 4	2 43			
T 21	13 40	1 7	4 42	6 37	1 54	2 16	1 33	7 46	1 29	23 35	0 5	19 31	1 2	5 58	0 45	7 53	1 44	23 32	11 31	22 27	22 37	2 2	15 6	2 43			
F 22	14 0	5s20	3 58	7 16	1 50	1 49	1 35	7 32	1 30	23 36	0 5	19 31	1 2	5 57	0 45	7 54	1 44	23 32	11 31	22 26	22 36	1 59	15 8	2 43			
S 23	14 19	11 29	2 58	7 55	1 45	1 22	1 37	7 19	1 30	23 36	0 5	19 30	1 2	5 56	0 45	7 55	1 44	23 33	11 32	22 26	22 36	1 56	15 10	2 44			
S 24	14 39	16 53	1 46	8 34	1 40	0 55	1 39	7 5	1 30	23 36	0 5	19 30	1 2	5 55	0 45	7 56	1 44	23 33	11 32	22 25	22 36	1 53	15 12	2 44			
M25	14 58	21 10	0 29	9 14	1 34	0 28	1 40	6 52	1 31	23 36	0 5	19 29	1 2	5 54	0 45	7 57	1 44	23 33	11 32	22 25	22 35	1 50	15 14	2 44			
T 26	15 17	24 3	0s48	9 53	1 29	0 0	1 42	6 38	1 31	23 36	0 5	19 28	1 2	5 53	0 45	7 57	1 44	23 33	11 33	22 25	22 35	1 48	15 16	2 44			
W27	15 35	25 24	2 0	10 33	1 23	0s27	1 43	6 25	1 31	23 36	0 5	19 28	1 2	5 52	0 45	7 58	1 44	23 33	11 33	22 25	22 34	1 45	15 17	2 44			
T 28	15 54	25 14	3 3	11 12	1 17	0 55	1 44	6 11	1 32	23 36	0 5	19 27	1 2	5 51	0 45	7 59	1 44	23 33	11 34	22 25	22 34	1 42	15 19	2 45			
F 29	16 12	23 43	3 55	11 50	1 10	1 22	1 46	5 58	1 32	23 36	0 6	19 26	1 2	5 50	0 45	8 0	1 44	23 33	11 34	22 26	22 34	1 39	15 21	2 45			
S 30	16 30	21 5	4 34	12 28	1 4	1 50	1 47	5 44	1 32	23 36	0 6	19 26	1 2	5 49	0 45	8 0	1 44	23 33	11 34	22 26	22 33	1 36	15 23	2 45			
S 31	16s47	17s34	5s 0	13s 6	0n57	2s18	1n48	5n30	1n33	23s36	0s 6	19s25	1s 1	5n49	0n45	8s 1	1n44	23n33	11n35	22n26	22n33	1s33	15s25	2n45			

# ASTRODIENST EPHEMERIS for the year 1462

## geocentric

NOVEMBER 1462 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	3 15 7	17 <sup>17</sup> 23'17	8 <sup>8</sup> 46	8 <sup>8</sup> 58	11 <sup>11</sup> 59	20 <sup>20</sup> 18	2 <sup>2</sup> 31	7 <sup>7</sup> 38	17 <sup>17</sup> 7	24 <sup>24</sup> 49	26 <sup>26</sup> 31	12 <sup>12</sup> R59	13 <sup>13</sup> II58	7 <sup>7</sup> Y10	21 <sup>21</sup> M10	M 1
T 2	3 19 3	18 <sup>18</sup> 23'50	20 <sup>20</sup> 0	10 <sup>10</sup> 34	12 <sup>12</sup> 22	20 <sup>20</sup> 53	2 <sup>2</sup> 13	7 <sup>7</sup> 41	17 <sup>17</sup> 9	24 <sup>24</sup> 51	26 <sup>26</sup> 32	12 <sup>12</sup> II56	13 <sup>13</sup> °55	7 <sup>7</sup> °16	21 <sup>21</sup> °18	T 2
W 3	3 23 0	19 <sup>19</sup> 24'25	1 <sup>1</sup> Y51	12 <sup>12</sup> 10	13 <sup>13</sup> 35	21 <sup>21</sup> 28	2 <sup>2</sup> 25	7 <sup>7</sup> 44	17 <sup>17</sup> 11	24 <sup>24</sup> 54	26 <sup>26</sup> 33	12 <sup>12</sup> °52	13 <sup>13</sup> °52	7 <sup>7</sup> °23	21 <sup>21</sup> °25	W 3
T 4	3 26 56	20 <sup>20</sup> 25'02	13 <sup>13</sup> 44	13 <sup>13</sup> 45	14 <sup>14</sup> 48	22 <sup>22</sup> 3	2 <sup>2</sup> 37	7 <sup>7</sup> 48	17 <sup>17</sup> 14	24 <sup>24</sup> 56	26 <sup>26</sup> 33	12 <sup>12</sup> °48	13 <sup>13</sup> °48	7 <sup>7</sup> °30	21 <sup>21</sup> °33	T 4
F 5	3 30 53	21 <sup>21</sup> 25'39	25 <sup>25</sup> 39	15 <sup>15</sup> 21	16 <sup>16</sup> 1	22 <sup>22</sup> 38	2 <sup>2</sup> 49	7 <sup>7</sup> 51	17 <sup>17</sup> 16	24 <sup>24</sup> 58	26 <sup>26</sup> 34	12 <sup>12</sup> °45	13 <sup>13</sup> °45	7 <sup>7</sup> °36	21 <sup>21</sup> °41	F 5
S 6	3 34 49	22 <sup>22</sup> 26'18	7 <sup>7</sup> 841	16 <sup>16</sup> 57	17 <sup>17</sup> 14	23 <sup>23</sup> 13	3 <sup>3</sup> 1	7 <sup>7</sup> 54	17 <sup>17</sup> 18	25 <sup>25</sup> 0	26 <sup>26</sup> 34	12 <sup>12</sup> °41	13 <sup>13</sup> °42	7 <sup>7</sup> °43	21 <sup>21</sup> °49	S 6
S 7	3 38 46	23 <sup>23</sup> 26'59	19 <sup>19</sup> 51	18 <sup>18</sup> 32	18 <sup>18</sup> 28	23 <sup>23</sup> 48	3 <sup>3</sup> 13	7 <sup>7</sup> 57	17 <sup>17</sup> 20	25 <sup>25</sup> 2	26 <sup>26</sup> 34	12 <sup>12</sup> °39	13 <sup>13</sup> °39	7 <sup>7</sup> °50	21 <sup>21</sup> °56	S 7
M 8	3 42 43	24 <sup>24</sup> 27'41	2 <sup>2</sup> II10	20 <sup>20</sup> 7	19 <sup>19</sup> 41	24 <sup>24</sup> 22	3 <sup>3</sup> 25	8 <sup>8</sup> 1	17 <sup>17</sup> 22	25 <sup>25</sup> 4	26 <sup>26</sup> 35	12 <sup>12</sup> °38	13 <sup>13</sup> °36	7 <sup>7</sup> °56	22 <sup>22</sup> °4	M 8
T 9	3 46 39	25 <sup>25</sup> 28'24	14 <sup>14</sup> 39	21 <sup>21</sup> 42	20 <sup>20</sup> 54	24 <sup>24</sup> 57	3 <sup>3</sup> 38	8 <sup>8</sup> 5	17 <sup>17</sup> 24	25 <sup>25</sup> 6	26 <sup>26</sup> 35	12 <sup>12</sup> D37	13 <sup>13</sup> °33	8 <sup>8</sup> °3	22 <sup>22</sup> °12	T 9
W10	3 50 36	26 <sup>26</sup> 29'09	27 <sup>27</sup> 20	23 <sup>23</sup> 17	22 <sup>22</sup> 8	25 <sup>25</sup> 32	3 <sup>3</sup> 50	8 <sup>8</sup> 8	17 <sup>17</sup> 26	25 <sup>25</sup> 8	26 <sup>26</sup> 35	12 <sup>12</sup> °38	13 <sup>13</sup> °29	8 <sup>8</sup> °10	22 <sup>22</sup> °20	W10
T 11	3 54 32	27 <sup>27</sup> 29'55	10 <sup>10</sup> 513	24 <sup>24</sup> 52	23 <sup>23</sup> 21	26 <sup>26</sup> 6	4 <sup>4</sup> 3	8 <sup>8</sup> 12	17 <sup>17</sup> 28	25 <sup>25</sup> 10	26 <sup>26</sup> 36	12 <sup>12</sup> °39	13 <sup>13</sup> °26	8 <sup>8</sup> °17	22 <sup>22</sup> °27	T 11
F 12	3 58 29	28 <sup>28</sup> 30'42	23 <sup>23</sup> 20	26 <sup>26</sup> 26	24 <sup>24</sup> 35	26 <sup>26</sup> 41	4 <sup>4</sup> 15	8 <sup>8</sup> 16	17 <sup>17</sup> 29	25 <sup>25</sup> 12	26 <sup>26</sup> 36	12 <sup>12</sup> °40	13 <sup>13</sup> °23	8 <sup>8</sup> °23	22 <sup>22</sup> °35	F 12
S 13	4 2 25	29 <sup>29</sup> 31'32	6 <sup>6</sup> 842	28 <sup>28</sup> 1	25 <sup>25</sup> 49	27 <sup>27</sup> 15	4 <sup>4</sup> 28	8 <sup>8</sup> 20	17 <sup>17</sup> 31	25 <sup>25</sup> 14	26 <sup>26</sup> 36	12 <sup>12</sup> °41	13 <sup>13</sup> °20	8 <sup>8</sup> °30	22 <sup>22</sup> °43	S 13
S 14	4 6 22	0 <sup>0</sup> 32'22	20 <sup>20</sup> 19	29 <sup>29</sup> 35	27 <sup>27</sup> 2	27 <sup>27</sup> 50	4 <sup>4</sup> 40	8 <sup>8</sup> 24	17 <sup>17</sup> 33	25 <sup>25</sup> 16	26 <sup>26</sup> 36	12 <sup>12</sup> °42	13 <sup>13</sup> °17	8 <sup>8</sup> °37	22 <sup>22</sup> °51	S 14
M15	4 10 18	1 <sup>1</sup> 33'14	4 <sup>4</sup> 112	1 <sup>1</sup> 310	28 <sup>28</sup> 16	28 <sup>28</sup> 24	4 <sup>4</sup> 53	8 <sup>8</sup> 28	17 <sup>17</sup> 34	25 <sup>25</sup> 18	26 <sup>26</sup> 37	12 <sup>12</sup> R42	13 <sup>13</sup> °13	8 <sup>8</sup> °43	22 <sup>22</sup> °58	M15
T 16	4 14 15	2 <sup>2</sup> 34'08	18 <sup>18</sup> 21	2 <sup>2</sup> 44	29 <sup>29</sup> 30	28 <sup>28</sup> 58	5 <sup>5</sup> 6	8 <sup>8</sup> 32	17 <sup>17</sup> 36	25 <sup>25</sup> 19	26 <sup>26</sup> 37	12 <sup>12</sup> °42	13 <sup>13</sup> °10	8 <sup>8</sup> °50	23 <sup>23</sup> °6	T 16
W17	4 18 12	3 <sup>3</sup> 35'02	2 <sup>2</sup> 44	4 <sup>4</sup> 18	0 <sup>0</sup> M44	29 <sup>29</sup> 33	5 <sup>5</sup> 19	8 <sup>8</sup> 36	17 <sup>17</sup> 38	25 <sup>25</sup> 21	26 <sup>26</sup> 37	12 <sup>12</sup> °41	13 <sup>13</sup> °7	8 <sup>8</sup> °57	23 <sup>23</sup> °14	W17
T 18	4 22 8	4 <sup>4</sup> 35'59	17 <sup>17</sup> 18	5 <sup>5</sup> 53	1 <sup>1</sup> 58	0 <sup>0</sup> 41	5 <sup>5</sup> 32	8 <sup>8</sup> 41	17 <sup>17</sup> 39	25 <sup>25</sup> 23	26 <sup>26</sup> 37	12 <sup>12</sup> °40	13 <sup>13</sup> °4	9 <sup>9</sup> °4	23 <sup>23</sup> °21	T 18
F 19	4 26 5	5 <sup>5</sup> 36'56	1 <sup>1</sup> M57	7 <sup>7</sup> 27	3 <sup>3</sup> 12	0 <sup>0</sup> 41	5 <sup>5</sup> 45	8 <sup>8</sup> 45	17 <sup>17</sup> 41	25 <sup>25</sup> 25	26 <sup>26</sup> 37	12 <sup>12</sup> °39	13 <sup>13</sup> °1	9 <sup>9</sup> °10	23 <sup>23</sup> °29	F 19
S 20	4 30 1	6 <sup>6</sup> 37'55	16 <sup>16</sup> 37	9 <sup>9</sup> 1	4 <sup>4</sup> 26	1 <sup>1</sup> 15	5 <sup>5</sup> 58	8 <sup>8</sup> 50	17 <sup>17</sup> 42	25 <sup>25</sup> 27	26 <sup>26</sup> R37	12 <sup>12</sup> °39	12 <sup>12</sup> °58	9 <sup>9</sup> °17	23 <sup>23</sup> °37	S 20
S 21	4 33 58	7 <sup>7</sup> 38'55	1 <sup>1</sup> 39	10 <sup>10</sup> 35	5 <sup>5</sup> 40	1 <sup>1</sup> 49	6 <sup>6</sup> 11	8 <sup>8</sup> 54	17 <sup>17</sup> 43	25 <sup>25</sup> 29	26 <sup>26</sup> 37	12 <sup>12</sup> °38	12 <sup>12</sup> °54	9 <sup>9</sup> °24	23 <sup>23</sup> °44	S 21
M22	4 37 54	8 <sup>8</sup> 39'56	15 <sup>15</sup> 29	12 <sup>12</sup> °9	6 <sup>6</sup> 54	2 <sup>2</sup> 22	6 <sup>6</sup> 24	8 <sup>8</sup> 59	17 <sup>17</sup> 45	25 <sup>25</sup> 30	26 <sup>26</sup> 37	12 <sup>12</sup> D38	12 <sup>12</sup> °51	9 <sup>9</sup> °30	23 <sup>23</sup> °52	M22
T 23	4 41 51	9 <sup>9</sup> 40'58	29 <sup>29</sup> 30	13 <sup>13</sup> 44	8 <sup>8</sup> °8	2 <sup>2</sup> 56	6 <sup>6</sup> 37	9 <sup>9</sup> °3	17 <sup>17</sup> 46	25 <sup>25</sup> 32	26 <sup>26</sup> 37	12 <sup>12</sup> °38	12 <sup>12</sup> °48	9 <sup>9</sup> °37	23 <sup>23</sup> °59	T 23
W24	4 45 47	10 <sup>10</sup> 42'00	13 <sup>13</sup> 39	15 <sup>15</sup> 18	9 <sup>9</sup> 23	3 <sup>3</sup> 30	6 <sup>6</sup> 51	9 <sup>9</sup> °8	17 <sup>17</sup> 47	25 <sup>25</sup> 34	26 <sup>26</sup> 37	12 <sup>12</sup> °38	12 <sup>12</sup> °45	9 <sup>9</sup> °44	24 <sup>24</sup> °7	W24
T 25	4 49 44	11 <sup>11</sup> 43'04	26 <sup>26</sup> 25	16 <sup>16</sup> 52	10 <sup>10</sup> 37	4 <sup>4</sup> °3	7 <sup>7</sup> °4	9 <sup>9</sup> °13	17 <sup>17</sup> 48	25 <sup>25</sup> 35	26 <sup>26</sup> 37	12 <sup>12</sup> °39	12 <sup>12</sup> °42	9 <sup>9</sup> °51	24 <sup>24</sup> °14	T 25
F 26	4 53 41	12 <sup>12</sup> 44'08	9 <sup>9</sup> 19	18 <sup>18</sup> 27	11 <sup>11</sup> 51	4 <sup>4</sup> 37	7 <sup>7</sup> °17	9 <sup>9</sup> °18	17 <sup>17</sup> 49	25 <sup>25</sup> 37	26 <sup>26</sup> 36	12 <sup>12</sup> R39	12 <sup>12</sup> °39	9 <sup>9</sup> °57	24 <sup>24</sup> °22	F 26
S 27	4 57 37	13 <sup>13</sup> 45'12	21 <sup>21</sup> 52	20 <sup>20</sup> °2	13 <sup>13</sup> °5	5 <sup>5</sup> °10	7 <sup>7</sup> °31	9 <sup>9</sup> °23	17 <sup>17</sup> 50	25 <sup>25</sup> 39	26 <sup>26</sup> 36	12 <sup>12</sup> °39	12 <sup>12</sup> °35	10 <sup>10</sup> °4	24 <sup>24</sup> °29	S 27
S 28	5 1 34	14 <sup>14</sup> 46'17	4 <sup>4</sup> 8	21 <sup>21</sup> °36	14 <sup>14</sup> °20	5 <sup>5</sup> °43	7 <sup>7</sup> °44	9 <sup>9</sup> °28	17 <sup>17</sup> 51	25 <sup>25</sup> 40	26 <sup>26</sup> 36	12 <sup>12</sup> °38	12 <sup>12</sup> °32	10 <sup>10</sup> °11	24 <sup>24</sup> °37	S 28
M29	5 5 30	15 <sup>15</sup> 47'22	16 <sup>16</sup> 11	23 <sup>23</sup> °11	15 <sup>15</sup> °34	6 <sup>6</sup> °17	7 <sup>7</sup> °58	9 <sup>9</sup> °33	17 <sup>17</sup> 52	25 <sup>25</sup> 42	26 <sup>26</sup> 36	12 <sup>12</sup> D38	12 <sup>12</sup> °29	10 <sup>10</sup> °17	24 <sup>24</sup> °44	M29
T 30	5 9 27	16 <sup>16</sup> 48'28	28 <sup>28</sup> 8	24 <sup>24</sup> °46	16 <sup>16</sup> M48	6 <sup>6</sup> °50	8 <sup>8</sup> °11	9 <sup>9</sup> °39	17 <sup>17</sup> 53	25 <sup>25</sup> 44	26 <sup>26</sup> 36	12 <sup>12</sup> II39	12 <sup>12</sup> II26	10 <sup>10</sup> Y24	24 <sup>24</sup> M52	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	decl	lat
M 1	17s 4	13s23	5s13	13s44	0n51	2s45	1n49	5n17	1n33	23s36	0s 6	19s24	1s 1	5n48	0n45	8s 2	1n44	23n34	11n35	22n25	22n33	1s30	15s27	2n45					
T 2	17 21	8 44	5 11	14 20	0 44	3 13	1 50	5 3	1 33	23 35	0 6	19 23	1 1	5 47	0 45	8 3	1 44	23 34	11 36	22 25	22 32	1 27	15 28	2 46					
W 3	17 38	3 48	4 57	14 56	0 37	3 41	1 50	4 50	1 34	23 35	0 6	19 23	1 1	5 46	0 45	8 3	1 44	23 34	11 36	22 25	22 32	1 24	15 30	2 46					
T 4	17 54	1n17	4 30	15 32	0 30	4 8	1 51	4 36	1 34	23 35	0 6	19 22	1 1	5 45	0 45	8 4	1 44	23 34	11 36	22 24	22 31	1 21	15 32	2 46					
F 5	18 10	6 22	3 50	16 7	0 24	4 36	1 52	4 23	1 34	23 35	0 6	19 21	1 1	5 44	0 45	8 5	1 44	23 34	11 37	22 24	22 31	1 18	15 34	2 46					
S 6	18 26	11 16	3 1	16 41	0 17	5 4	1 52	4 9	1 35	23 35	0 6	19 20	1 1	5 44	0 45	8 6	1 44	23 35	11 37	22 23	22 31	1 15	15 35	2 46					
S 7	18 41	15 47	2 2	17 14	0 10	5 31	1 53	3 56	1 35	23 35	0 6	19 19	1 1	5 43	0 45	8 6	1 44	23 35	11 38	22 23	22 30	1 12	15 37	2 47					
M 8	18 56	19 43	0 57	17 46	0 3	5 59	1 53	3 42	1 35	23 34	0 7	19 18	1 1	5 42	0 45	8 7	1 44	23 35	11 38	22 23	22 30	1 9	15 39	2 47					
T 9	19 11	22 49	0n11	18 18	0s 4	6 26	1 53	3 29	1 36	23 34	0 7	19 17	1 1	5 41	0 45	8 8	1 44	23 35	11 39	22 23	22 30	1 6	15 41	2 47					
W10	19 26	24 49	1 20	18 49	0 10	6 53	1 53	3 15	1 36	23 34	0 7	19 16	1 1	5 41	0 45	8 8	1 44	23 36	11 39	22 23	22 29	1 3	15 42	2 47					
T 11	19 40	25 33	2 27	19 19	0 17	7 21	1 53	3 2	1 36	23 34	0 7	19 15	1 1	5 40	0 45	8 9	1 44	23 36	11 39	22 23	22 29	1 0	15 44	2 48					
F 12	19 53	24 53	3 27	19 48	0 24	7 48	1 53	2 48	1 37	23 33	0 7	19 14	1 1	5 39	0 45	8 10	1 44	23 36	11 40	22 23	22 28	0 57	15 46	2 48					
S 13	20 7	22 47	4 16	20 16	0 30	8 15	1 53	2 35	1 37	23 33	0 7	19 13	1 1	5 39	0 45	8 10	1 44	23 37	11 40	22 23	22 28	0 54	15 48	2 48					
S 14	20 19	19 23	4 53	20 43	0 36	8 42	1 53	2 21	1 37	23 33	0 7	19 12	1 1	5 38	0 45	8 11	1 44	23 37	11 41	22 23	22 28	0 51	15 49	2 48					
M15	20 32	14 51	5 13	21 9	0 43	9 8	1 53	2 8	1 38	23 32	0 7	19 11	1 1	5 37	0 46	8 12	1 44	23 37	11 41	22 23	22 27	0 48	15 51	2 48					
T 16	20 44	9 27	5 15	21 34	0 49	9 35	1 52	1 55	1 38	23 32	0 7	19 10	1 1	5 37	0 46	8 12	1 44	23 38	11 41	22 23	22 27	0 45	15 53	2 49					
W17	20 56	3 28	4 58	21 58	0 55	10 1	1 52	1 41	1 38	23 31	0 7	19 9	1 1	5 36	0 46	8 13	1 44	23 38	11 42	22 23	22 26	0 42	15 54	2 49					
T 18	21 7	2s48	4 21	22 21	1 1	10 27	1 51	1 28	1 39	23 31	0 7	19 8	1 1	5 36	0 46	8 14	1 44	23 38	11 42	22 23	22 26	0 39	15 56	2 49					
F 19	21 18	8 57	3 27	22 43	1 6	10 53	1 51	1 15	1 39	23 31	0 8	19 6	1 1	5 35	0 46	8 14	1 44	23 39	11 43	22 23	22 26	0 36	15 57	2 50					
S 20	21 29	14 38	2 19	23 3	1 12	11 19	1 50	1 1	1 39	23 30	0 8	19 5	1 1	5 35	0 46	8 15	1 44	23 39	11 43	22 23	22 25	0 33	15 59	2 50					
S 21	21 39	19 25	1 3	23 23	1 17	11 44	1 49	0 48	1 40	23 30	0 8	19 4	1 1	5 34	0 46	8 16	1 44	23 40	11 44	22 23	22 25	0 30	16 1	2 50					
M22	21 49	22 59	0s16	23 41	1 23	12 9	1 48	0 35	1 40	23 29	0 8	19 3	1 1	5 34	0 46	8 16	1 44	23 40	11 44	22 23	22 24	0 27	16 2	2 51					
T 23	21 58	25 3	1 32	23 58	1 28	12 34	1 47	0 22	1 40	23 28	0 8	19 1	1 1	5 33	0 46	8 17	1 44	23 40	11 44	22 23	22 24	0 24	16 4	2 51					
W24	22 7	25 32	2 41	24 14	1 28	12 59	1 46	0 9	1 41	23 28	0 8	19 0	1 1	5 33	0 46	8 17	1 45	23 41	11 45	22 23	22 24	0 21	16 5	2 51					
T 25	22 15	24 32	3 40	24 28	1 37	13 23	1 45	0 5	1 41	23 27	0 8	18 59	1 1	5 32	0 46	8 18	1 45	23 41	11 45	22 23	22 23	0 18	16 7	2 52					
F 26	22 23	22 14	4 25	24 42	1 42	13 47	1 44	0 17	1 41	23 27	0 8	18 58	1 1	5 32	0 46	8 19	1 45	23 42	11 46	22 23	22 23	0 15	16 8	2 52					
S 27	22 31	18 56	4 57	24 54	1 46	14 11	1 43	0 30	1 42	23 26	0 8	18 56	1 1	5 32	0 46	8 19	1 45	23 42	11 46	22 23	22 22	0 12	16 10	2 52					
S 28	22 38	14 53	5 14	25 4	1 50	14 34	1 42	0 43	1 42	23 25	0 8	18 55	1 1	5 31	0 46	8 20	1 45	23 43	11 46	22 23	22 22	0 9	16 11	2 52					
M29	22 45	10 19	5 17	25 13	1 54	14 57	1 40	0 56	1 42	23 25	0 8	18 53	1 1	5 31	0 46	8 20	1 45	23 43	11 47	22 23	22 22	0 6	16 13	2 53					
T 30	22s51	5s26	5s 6	25s21	1s57	15s20	1n39	1s 9	1n42	23s24	0s 9	18s52	1s 1	5n31	0n46	8s21	1n45	23n44	11n47	22n23	22n21	0s 3	16s14	2n53					

ASTRODIENST EPHEMERIS for the year 1462  
geocentric

DECEMBER 1462 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	5 13 23	17°49'34	9°58	26°21	18°13	7°23	8°25	9°44	17°54	25°45	26°R35	12°II39	12°II23	10°Y31	24°M59	W 1
T 2	5 17 20	18°50'40	21°50	27°55	19°17	7°56	8°38	9°49	17°55	25°47	26°R35	12°39	12°19	10°38	25° 6	T 2
F 3	5 21 16	19°51'47	3°48	29°31	20°32	8°29	8°52	9°55	17°55	25°48	26°34	12°40	12°16	10°44	25°14	F 3
S 4	5 25 13	20°52'54	15°55	1°3 6	21°46	9° 1	9° 5	10° 0	17°56	25°50	26°34	12°41	12°13	10°51	25°21	S 4
S 5	5 29 10	21°54'01	28°14	2°41	23° 1	9°34	9°19	10° 6	17°56	25°51	26°33	12°42	12°10	10°58	25°28	S 5
M 6	5 33 6	22°55'09	10°II46	4°16	24°15	10° 7	9°33	10°11	17°57	25°53	26°33	12°R42	12° 7	11° 4	25°35	M 6
T 7	5 37 3	23°56'17	23°34	5°51	25°30	10°39	9°47	10°17	17°57	25°54	26°32	12°42	12° 4	11°11	25°42	T 7
W 8	5 40 59	24°57'26	6°38	7°26	26°45	11°12	10° 0	10°23	17°58	25°55	26°32	12°41	12° 0	11°18	25°50	W 8
T 9	5 44 56	25°58'35	19°56	9° 0	27°59	11°44	10°14	10°28	17°58	25°57	26°31	12°40	11°57	11°24	25°57	T 9
F 10	5 48 52	26°59'44	3°II28	10°35	29°14	12°16	10°28	10°34	17°58	25°58	26°31	12°38	11°54	11°31	26° 4	F 10
S 11	5 52 49	28° 0'54	17°11	12° 9	0°X28	12°48	10°42	10°40	17°59	25°59	26°30	12°36	11°51	11°38	26°11	S 11
S 12	5 56 46	29° 2'04	1°II 4	13°42	1°43	13°20	10°56	10°46	17°59	26° 1	26°29	12°34	11°48	11°45	26°18	S 12
M13	6 0 42	0°3 1'15	15° 5	15°15	2°58	13°52	11°10	10°52	17°59	26° 2	26°29	12°32	11°45	11°51	26°25	M13
T 14	6 4 39	1° 4'25	29°12	16°47	4°13	14°24	11°24	10°58	17°59	26° 3	26°28	12°D32	11°41	11°58	26°31	T 14
W15	6 8 35	2° 5'37	13°II23	18°19	5°27	14°55	11°38	11° 4	17°R59	26° 4	26°27	12°32	11°38	12° 5	26°38	W15
T 16	6 12 32	3° 6'49	27°35	19°49	6°42	15°27	11°52	11°10	17°59	26° 5	26°27	12°33	11°35	12°11	26°45	T 16
F 17	6 16 28	4° 8'01	11°II48	21°17	7°57	15°58	12° 6	11°17	17°59	26° 6	26°26	12°34	11°32	12°18	26°52	F 17
S 18	6 20 25	5° 9'13	25°57	22°44	9°12	16°30	12°20	11°23	17°59	26° 7	26°25	12°36	11°29	12°25	26°58	S 18
S 19	6 24 21	6°10'26	10°X 1	24° 8	10°27	17° 1	12°34	11°29	17°58	26° 9	26°24	12°R37	11°25	12°32	27° 5	S 19
M20	6 28 18	7°11'38	23°55	25°30	11°41	17°32	12°48	11°36	17°58	26°10	26°23	12°36	11°22	12°38	27°11	M20
T 21	6 32 15	8°12'51	7°37	26°49	12°56	18° 3	13° 2	11°42	17°58	26°11	26°22	12°34	11°19	12°45	27°18	T 21
W22	6 36 11	9°14'03	21° 3	28° 4	14°11	18°33	13°16	11°48	17°57	26°11	26°21	12°31	11°16	12°52	27°24	W22
T 23	6 40 8	10°15'16	4°II 3	29°15	15°26	19° 4	13°30	11°55	17°57	26°12	26°21	12°27	11°13	12°58	27°31	T 23
F 24	6 44 4	11°16'27	17° 4	0°X21	16°41	19°34	13°44	12° 1	17°57	26°13	26°20	12°22	11°10	13° 5	27°37	F 24
S 25	6 48 1	12°17'39	29°37	1°21	17°56	20° 5	13°58	12° 8	17°56	26°14	26°19	12°17	11° 6	13°12	27°43	S 25
S 26	6 51 57	13°18'49	11°X54	2°14	19°11	20°35	14°12	12°15	17°55	26°15	26°18	12°12	11° 3	13°18	27°50	S 26
M27	6 55 54	14°19'59	23°59	3° 0	20°26	21° 5	14°26	12°21	17°55	26°16	26°17	12° 9	11° 0	13°25	27°56	M27
T 28	6 59 50	15°21'09	5°Y55	3°38	21°41	21°35	14°40	12°28	17°54	26°16	26°15	12° 7	10°57	13°32	28° 2	T 28
W29	7 3 47	16°22'17	17°46	4° 6	22°55	22° 5	14°54	12°35	17°53	26°17	26°14	12°D 6	10°54	13°39	28° 8	W29
T 30	7 7 44	17°23'25	29°37	4°24	24°10	22°34	15° 8	12°41	17°52	26°18	26°13	12° 7	10°51	13°45	28°14	T 30
F 31	7 11 40	18°24'32	11°X35	4°R32	25°X25	23°X 4	15°X22	12°X48	17°52	26°19	26°12	12°II 9	10°II47	13°Y52	28°M20	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	22s57	0s22	4s42	25s28	2s 0	15s42	1n37	1s22	1n43	23s23	0s 9	18s51	1 s 1	5n30	0n46	8s21	1n45	23n44	11n48	22n23	22n21	0s 0	16s16	2n53							
T 2	23 2	4n44	4 6	25 32	2 3	16 4	1 36	1 35	1 43	23 22	0 9	18 49	1 1	5 30	0 46	8 22	1 45	23 45	11 48	22 23	22 20	0n 3	16 17	2 54							
F 3	23 7	9 42	3 19	25 36	2 5	16 25	1 34	1 47	1 43	23 22	0 9	18 48	1 1	5 30	0 46	8 22	1 45	23 45	11 49	22 23	22 20	0 6	16 19	2 54							
S 4	23 12	14 22	2 23	25 38	2 7	16 46	1 32	2 0	1 44	23 21	0 9	18 46	1 1	5 30	0 46	8 23	1 45	23 46	11 49	22 23	22 19	0 9	16 20	2 54							
S 5	23 16	18 32	1 19	25 38	2 9	17 7	1 31	2 13	1 44	23 20	0 9	18 45	1 1	5 30	0 46	8 23	1 45	23 46	11 49	22 23	22 19	0 12	16 21	2 55							
M 6	23 19	21 57	0 11	25 37	2 10	17 27	1 29	2 25	1 44	23 19	0 9	18 43	1 1	5 29	0 46	8 24	1 45	23 47	11 50	22 23	22 19	0 15	16 23	2 55							
T 7	23 22	24 21	1n 0	25 34	2 11	17 47	1 27	2 38	1 45	23 18	0 9	18 42	1 1	5 29	0 46	8 24	1 45	23 47	11 50	22 23	22 18	0 18	16 24	2 56							
W 8	23 25	25 29	2 9	25 30	2 12	18 6	1 25	2 50	1 45	23 17	0 9	18 40	1 1	5 29	0 46	8 25	1 45	23 48	11 51	22 23	22 18	0 21	16 25	2 56							
T 9	23 27	25 11	3 12	25 24	2 12	18 25	1 23	3 2	1 45	23 16	0 9	18 38	1 1	5 29	0 47	8 25	1 45	23 48	11 51	22 23	22 17	0 24	16 27	2 56							
F 10	23 29	23 24	4 5	25 16	2 11	18 43	1 21	3 15	1 46	23 15	0 9	18 37	1 1	5 29	0 47	8 25	1 45	23 49	11 51	22 23	22 17	0 27	16 28	2 57							
S 11	23 30	20 15	4 45	25 7	2 10	19 1	1 19	3 27	1 46	23 14	0 10	18 35	1 1	5 29	0 47	8 26	1 45	23 49	11 52	22 22	22 17	0 30	16 29	2 57							
S 12	23 30	15 56	5 9	24 56	2 9	19 19	1 17	3 39	1 46	23 13	0 10	18 34	1 1	5 29	0 47	8 26	1 45	23 50	11 52	22 22	22 16	0 33	16 30	2 57							
M13	23 31	10 44	5 15	24 44	2 7	19 35	1 15	3 51	1 46	23 12	0 10	18 32	1 1	5 29	0 47	8 27	1 45	23 51	11 52	22 22	22 16	0 36	16 32	2 58							
T 14	23 30	4 56	5 2	24 30	2 4	19 52	1 13	4 3	1 47	23 11	0 10	18 30	1 1	5 29	0 47	8 27	1 46	23 51	11 53	22 22	22 15	0 39	16 33	2 58							
W15	23 30	1s 8	4 31	24 14	2 0	20 7	1 10	4 15	1 47	23 10	0 10	18 29	1 1	5 29	0 47	8 27	1 46	23 52	11 53	22 22	22 15	0 42	16 34	2 58							
T 16	23 28	7 10	3 43	23 58	1 56	20 22	1 8	4 27	1 47	23 9	0 10	18 27	1 1	5 29	0 47	8 28	1 46	23 52	11 54	22 22	22 14	0 45	16 35	2 59							
F 17	23 27	12 51	2 42	23 39	1 51	20 37	1 6	4 39	1 48	23 8	0 10	18 25	1 1	5 29	0 47	8 28	1 46	23 53	11 54	22 22	22 14	0 48	16 36	2 59							
S 18	23 25	17 50	1 30	23 19	1 46	20 51	1 3	4 51	1 48	23 6	0 10	18 23	1 1	5 29	0 47	8 28	1 46	23 54	11 54	22 22	22 13	0 51	16 37	3 0							
S 19	23 22	21 47	0 14	22 58	1 39	21 4	1 1	5 2	1 48	23 5	0 10	18 22	1 1	5 29	0 47	8 29	1 46	23 54	11 55	22 23	22 13	0 54	16 38	3 0							
M20	23 19	24 24	1s 2	22 36	1 32	21 17	0 59	5 14	1 48	23 4	0 10	18 20	1 1	5 29	0 47	8 29	1 46	23 55	11 55	22 22	22 13	0 57	16 40	3 1							
T 21	23 15	25 30	2 13	22 13	1 23	21 29	0 56	5 25	1 49	23 3	0 10	18 18	1 1	5 30	0 47	8 29	1 46	23 56	11 55	22 22	22 12	1 0	16 41	3 1							
W22	23 11	25 4	3 15	21 49	1 14	21 41	0 54	5 37	1 49	23 1	0 11	18 16	1 1	5 30	0 47	8 30	1 46	23 56	11 56	22 22	22 12	1 3	16 42	3 1							
T 23	23 7	23 14	4 6	21 24	1 4	21 52	0 51	5 48	1 49	23 0	0 11	18 15	1 1	5 30	0 47	8 30	1 46	23 57	11 56	22 21	22 11	1 6	16 43	3 2							
F 24	23 2	20 15	4 43	20 59	0 50	22 2	0 49	5 59	1 49	22 59	0 11	18 13	1 1	5 30	0 47	8 30	1 46	23 58	11 56	22 21	22 11	1 9	16 44	3 2							
S 25	22 56	16 23	5 5	20 34	0 42	22 12	0 46	6 11	1 50	22 57	0 11	18 11	1 1	5 30	0 47	8 30	1 46	23 58	11 57	22 20	22 10	1 12	16 45	3 3							
S 26	22 51	11 55	5 12	20 9	0 26	22 20	0 44	6 22	1 50	22 56	0 11	18 9	1 1	5 31	0 47	8 31	1 46	23 59	11 57	22 19	22 10	1 15	16 46	3 3							
M27	22 44	7 4	5 6	19 44	0 12	22 29	0 41	6 33	1 50	22 55	0 11	18 7	1 1	5 31	0 47	8 31	1 46	24 0	11 57	22 19	22 10	1 18	16 47	3 3							
T 28	22 37	2 1	4 46	19 21	0n 4	22 36	0 39	6 44	1 51	22 53	0 11	18 5	1 1	5 31	0 47	8 31	1 46	24 0	11 58	22 19	22 9	1 21	16 47	3 4							
W29	22 30	3n 4	4 14	18 58	0 20	22 43	0 36	6 55	1 51	22 52	0 11	18 4	1 1	5 32	0 47	8 31	1 46	24 1	11 58	22 19	22 9	1 24	16 48	3 4							
T 30	22 23	8 4	3 31	18 37	0 37	22 50	0 33	7 5	1 51	22 50	0 11	18 2	1 1	5 32	0 47	8 32	1 46	24 2	11 58	22 19	22 8	1 27	16 49	3 5							
F 31	22s14	12n50	2s39	18s18	0n55	22s55	0n31	7s16	1n51	22s49	0s11	18s 0	1 s 1	5n32	0n47	8s32	1n47	24n 2	11n59	22n19	22n 8	1n31	16s50	3n 5							

Julian Day Number = 2255387.5, Delta T = 06m06s  
Ecliptic obliquity = 23°30'35", Nutation = - 0°00'17", out-of-bounds declination in red  
Ayanamsha: Fagan/Bradley = 17°14'50", Lahiri = 16°21'50" Julian Calendar 1 Dec. 1462 == Greg. Calendar 10 Dec. 1462