



# Astrodienst Ephemeris Tables for the year 1432

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 1432

## geocentric

JANUARY 1432 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	7 13 42	18°56'52	16°21	25°2	23°41	3°48	6°R25	26°39	25°8	17°R53	8°R32	9°R20	10°21	12°20	13°26	T 1
W 2	7 17 39	19°58'00	29°24	26°6	23°55	4°34	6°II21	26°46	25°8	17°R52	8°R31	9°R17	10°18	12°26	13°28	W 2
T 3	7 21 36	20°59'07	12°345	27°13	24°6	5°20	6°17	26°53	25°8	17°51	8°30	9°15	10°14	12°33	13°31	T 3
F 4	7 25 32	22°0'13	26°23	28°21	24°15	6°6	6°13	27°1	25°9	17°49	8°28	9°13	10°11	12°40	13°33	F 4
S 5	7 29 29	23°1'19	10°17	29°32	24°22	6°52	6°9	27°8	25°9	17°48	8°27	9°D13	10°8	12°46	13°36	S 5
S 6	7 33 25	24°2'24	24°22	0°345	24°27	7°38	6°6	27°15	25°10	17°46	8°26	9°14	10°5	12°53	13°39	S 6
M 7	7 37 22	25°3'27	8°34	1°59	24°R29	8°24	6°3	27°22	25°10	17°45	8°25	9°14	10°2	13°0	13°41	M 7
T 8	7 41 18	26°4'30	22°50	3°15	24°29	9°10	6°0	27°29	25°11	17°43	8°23	9°16	9°59	13°7	13°44	T 8
W 9	7 45 15	27°5'32	7°7	4°32	24°26	9°56	5°57	27°36	25°12	17°41	8°22	9°17	9°55	13°13	13°47	W 9
T 10	7 49 11	28°6'32	21°21	5°51	24°20	10°42	5°55	27°43	25°13	17°40	8°21	9°17	9°52	13°20	13°50	T 10
F 11	7 53 8	29°7'31	5°30	7°11	24°12	11°28	5°52	27°51	25°13	17°38	8°20	9°R17	9°49	13°27	13°53	F 11
S 12	7 57 5	0°8'29	19°32	8°32	24°2	12°14	5°50	27°58	25°14	17°37	8°19	9°17	9°46	13°33	13°56	S 12
S 13	8 1 1	1°9'26	3°II26	9°54	23°49	13°0	5°48	28°5	25°15	17°35	8°18	9°16	9°43	13°40	13°59	S 13
M14	8 4 58	2°10'22	17°10	11°18	23°33	13°46	5°47	28°12	25°16	17°34	8°16	9°15	9°40	13°47	14°2	M14
T 15	8 8 54	3°11'16	0°342	12°42	23°15	14°32	5°45	28°19	25°17	17°32	8°15	9°14	9°36	13°54	14°5	T 15
W16	8 12 51	4°12'09	14°1	14°7	22°55	15°18	5°44	28°26	25°18	17°30	8°14	9°13	9°33	14°0	14°8	W16
T 17	8 16 47	5°13'01	27°7	15°34	22°32	16°3	5°43	28°33	25°19	17°29	8°13	9°13	9°30	14°7	14°11	T 17
F 18	8 20 44	6°13'51	9°R258	17°1	22°7	16°49	5°42	28°40	25°20	17°27	8°12	9°D13	9°27	14°14	14°14	F 18
S 19	8 24 41	7°14'41	22°35	18°29	21°40	17°35	5°41	28°48	25°22	17°25	8°11	9°13	9°24	14°20	14°17	S 19
S 20	8 28 37	8°15'29	4°II59	19°58	21°11	18°21	5°40	28°55	25°23	17°24	8°10	9°13	9°20	14°27	14°20	S 20
M21	8 32 34	9°16'16	17°10	21°27	20°40	19°6	5°40	29°2	25°24	17°22	8°9	9°R13	9°17	14°34	14°23	M21
T 22	8 36 30	10°17'02	29°11	22°58	20°8	19°52	5°D40	29°9	25°26	17°20	8°8	9°13	9°14	14°40	14°26	T 22
W23	8 40 27	11°17'46	11°II6	24°29	19°34	20°37	5°40	29°16	25°27	17°19	8°7	9°13	9°11	14°47	14°30	W23
T 24	8 44 23	12°18'30	22°58	26°1	18°59	21°23	5°40	29°23	25°29	17°17	8°6	9°13	9°8	14°54	14°33	T 24
F 25	8 48 20	13°19'13	4°II51	27°35	18°23	22°9	5°41	29°30	25°30	17°15	8°5	9°13	9°5	15°1	14°36	F 25
S 26	8 52 16	14°19'54	16°49	29°8	17°46	22°54	5°41	29°37	25°32	17°14	8°4	9°D12	9°1	15°7	14°40	S 26
S 27	8 56 13	15°20'35	28°59	0°343	17°9	23°39	5°42	29°44	25°33	17°12	8°3	9°13	8°58	15°14	14°43	S 27
M28	9 0 9	16°21'14	11°II23	2°19	16°32	24°25	5°43	29°51	25°35	17°10	8°2	9°13	8°55	15°21	14°46	M28
T 29	9 4 6	17°21'52	24°7	3°55	15°54	25°10	5°45	29°58	25°37	17°9	8°1	9°14	8°52	15°27	14°50	T 29
W30	9 8 3	18°22'29	7°II12	5°32	15°17	25°56	5°46	0°35	25°38	17°7	8°0	9°15	8°49	15°34	14°53	W30
T 31	9 11 59	19°23'04	20°342	7°II11	14°41	26°41	5°II48	0°3512	25°40	17°R5	7°II59	9°II16	8°II46	15°II41	14°II56	T 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
T 1	22s10	26s59	4s11	22s 1	1n24	11s23	2n25	10s59	0s54	20n54	0s34	21s14	0s21	9n16	0s32	15n52
W 2	22 1	26 53	3 22	22 12	1 15	11 6	2 39	10 42	0 54	20 53	0 33	21 13	0 21	9 16	0 32	15 53
T 3	21 52	25 14	2 21	22 23	1 6	10 49	2 52	10 24	0 53	20 53	0 33	21 11	0 21	9 16	0 32	15 53
F 4	21 43	22 5	1 10	22 34	0 56	10 33	3 6	10 6	0 52	20 52	0 33	21 10	0 21	9 16	0 32	15 54
S 5	21 33	17 38	0n 6	22 44	0 47	10 18	3 20	9 49	0 51	20 52	0 33	21 9	0 21	9 16	0 32	15 54
S 6	21 22	12 9	1 23	22 53	0 38	10 3	3 34	9 31	0 50	20 52	0 32	21 7	0 21	9 17	0 32	15 55
M 7	21 11	5 59	2 35	23 1	0 29	9 49	3 48	9 13	0 50	20 51	0 32	21 6	0 21	9 17	0 32	15 55
T 8	21 0	0n29	3 39	23 8	0 20	9 36	4 2	8 55	0 49	20 51	0 32	21 5	0 21	9 17	0 32	15 56
W 9	20 48	6 56	4 28	23 14	0 12	9 23	4 17	8 36	0 48	20 51	0 32	21 3	0 22	9 17	0 32	15 56
T 10	20 36	13 0	5 1	23 20	0 3	9 11	4 31	8 18	0 47	20 51	0 32	21 2	0 22	9 18	0 32	15 57
F 11	20 24	18 21	5 16	23 24	0s 5	9 0	4 46	8 0	0 47	20 50	0 31	21 1	0 22	9 18	0 32	15 57
S 12	20 11	22 40	5 12	23 27	0 13	8 50	5 0	7 42	0 46	20 50	0 31	20 59	0 22	9 18	0 31	15 58
S 13	19 58	25 38	4 49	23 29	0 21	8 40	5 15	7 23	0 45	20 50	0 31	20 58	0 22	9 19	0 31	15 58
M14	19 44	27 2	4 10	23 30	0 28	8 32	5 29	7 5	0 44	20 50	0 31	20 57	0 22	9 19	0 31	15 59
T 15	19 30	26 48	3 18	23 30	0 36	8 24	5 43	6 47	0 43	20 50	0 30	20 55	0 22	9 20	0 31	15 59
W16	19 16	25 1	2 15	23 28	0 43	8 17	5 57	6 28	0 43	20 50	0 30	20 54	0 22	9 20	0 31	16 0
T 17	19 1	21 53	1 7	23 25	0 50	8 12	6 11	6 10	0 42	20 50	0 30	20 53	0 22	9 20	0 31	16 0
F 18	18 46	17 44	0s 4	23 21	0 56	8 7	6 24	5 51	0 41	20 50	0 30	20 51	0 22	9 21	0 31	16 1
S 19	18 31	12 52	1 14	23 16	1 3	8 3	6 37	5 32	0 40	20 50	0 30	20 50	0 22	9 21	0 31	16 1
S 20	18 15	7 34	2 18	23 10	1 9	8 0	6 50	5 14	0 39	20 50	0 29	20 48	0 22	9 22	0 31	16 2
M21	18 0	2 5	3 15	23 2	1 15	7 58	7 2	4 55	0 39	20 50	0 29	20 47	0 22	9 22	0 31	16 2
T 22	17 43	3s23	4 3	22 52	1 20	7 58	7 13	4 36	0 38	20 51	0 29	20 46	0 22	9 23	0 31	16 3
W23	17 27	8 41	4 40	22 42	1 26	7 58	7 24	4 18	0 37	20 51	0 29	20 44	0 23	9 23	0 31	16 3
T 24	17 10	13 40	5 5	22 30	1 31	7 59	7 34	3 59	0 36	20 51	0 28	20 43	0 23	9 24	0 31	16 4
F 25	16 52	18 8	5 16	22 16	1 35	8 1	7 43	3 40	0 36	20 51	0 28	20 41	0 23	9 25	0 31	16 4
S 26	16 35	21 56	5 14	22 1	1 40	8 4	7 51	3 22	0 35	20 52	0 28	20 40	0 23	9 25	0 31	16 5
S 27	16 17	24 51	4 59	21 45	1 44	8 8	7 59	3 3	0 34	20 52	0 28	20 39	0 23	9 26	0 31	16 5
M28	15 59	26 39	4 29	21 27	1 48	8 12	8 5	2 44	0 33	20 52	0 28	20 37	0 23	9 26	0 31	16 6
T 29	15 41	27 8	3 45	21 8	1 51	8 18	8 11	2 25	0 32	20 53	0 27	20 36	0 23	9 27	0 31	16 6
W30	15 22	26 7	2 48	20 48	1 54	8 24	8 16	2 6	0 32	20 53	0 27	20 34	0 23	9 28	0 31	16 7
T 31	15s 3	23s35	1s41	20s25	1s57	8s30	8n20	1s48	0s31	20n54	0s27	20s33	0s23	9n28	0s31	16n 7

Julian Day Number = 2244095.5, Delta T = 07m01s

Ecliptic obliquity = 23°30'52, Nutation = 0°00'14, out-of-bounds declination in red

Ayanamsha: Fagan/Bradley = 16°48'59, Lahiri = 15°55'59 Julian Calendar 1 Jan. 1432 == Greg. Calendar 10 Jan. 1432

# ASTRODIENST EPHEMERIS for the year 1432

## geocentric

FEBRUARY 1432 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	9 15 56	20 <sup>23</sup> 38	4 <sup>34</sup>	8 <sup>50</sup>	14°R 5	27 <sup>26</sup>	5 <sup>50</sup>	0 <sup>19</sup>	25 <sup>42</sup>	17°R 4	7°R58	9°R16	8 <sup>42</sup>	15 <sup>48</sup>	15 <sup>48</sup> 0	F 1
S 2	9 19 52	21°24'11	18°49	10°30	13 <sup>31</sup>	28°11	5°52	0°25	25°44	17°R 2	7°R57	9°R16	8°39	15°54	15° 3	S 2
S 3	9 23 49	22°24'42	3 <sup>20</sup>	12°10	12°57	28°57	5°54	0°32	25°46	17° 0	7°56	9°15	8°36	16° 1	15° 7	S 3
M 4	9 27 45	23°25'11	18° 2	13°52	12°25	29°42	5°57	0°39	25°48	16°59	7°55	9°14	8°33	16° 8	15°10	M 4
T 5	9 31 42	24°25'38	2 <sup>47</sup>	15°35	11°55	0 <sup>27</sup>	5°59	0°46	25°50	16°57	7°55	9°12	8°30	16°14	15°14	T 5
W 6	9 35 38	25°26'04	17°29	17°19	11°26	1°12	6° 2	0°52	25°52	16°55	7°54	9°10	8°26	16°21	15°18	W 6
T 7	9 39 35	26°26'27	2 <sup>8</sup> 1	19° 3	11° 0	1°57	6° 5	0°59	25°54	16°54	7°53	9° 8	8°23	16°28	15°21	T 7
F 8	9 43 32	27°26'49	16°19	20°49	10°35	2°42	6° 8	1° 6	25°56	16°52	7°52	9° 7	8°20	16°35	15°25	F 8
S 9	9 47 28	28°27'09	0 <sup>20</sup>	22°35	10°13	3°27	6°12	1°13	25°58	16°50	7°51	9°D 6	8°17	16°41	15°28	S 9
S 10	9 51 25	29°27'26	14° 3	24°23	9°53	4°12	6°15	1°19	26° 0	16°49	7°51	9° 7	8°14	16°48	15°32	S 10
M 11	9 55 21	0 <sup>27</sup> 42	27°29	26°12	9°35	4°57	6°19	1°26	26° 3	16°47	7°50	9° 8	8°11	16°55	15°36	M 11
T 12	9 59 18	1°27'55	10 <sup>40</sup>	28° 1	9°20	5°42	6°23	1°32	26° 5	16°45	7°49	9°10	8° 7	17° 1	15°39	T 12
W 13	10 3 14	2°28'07	23°35	29°52	9° 7	6°27	6°27	1°39	26° 7	16°44	7°49	9°11	8° 4	17° 8	15°43	W 13
T 14	10 7 11	3°28'16	6 <sup>18</sup>	1 <sup>43</sup>	8°56	7°11	6°32	1°45	26° 9	16°42	7°48	9°R12	8° 1	17°15	15°47	T 14
F 15	10 11 7	4°28'24	18°49	3°36	8°48	7°56	6°36	1°52	26°12	16°41	7°47	9°12	7°58	17°22	15°50	F 15
S 16	10 15 4	5°28'29	1 <sup>10</sup>	5°29	8°43	8°41	6°41	1°58	26°14	16°39	7°47	9°10	7°55	17°28	15°54	S 16
S 17	10 19 1	6°28'33	13°22	7°24	8°40	9°25	6°46	2° 4	26°17	16°38	7°46	9° 7	7°51	17°35	15°58	S 17
M 18	10 22 57	7°28'34	25°26	9°19	8°D39	10°10	6°51	2°11	26°19	16°36	7°46	9° 3	7°48	17°42	16° 1	M 18
T 19	10 26 54	8°28'34	7 <sup>24</sup>	11°15	8°41	10°54	6°56	2°17	26°22	16°34	7°45	8°57	7°45	17°48	16° 5	T 19
W 20	10 30 50	9°28'32	19°17	13°11	8°45	11°39	7° 1	2°23	26°24	16°33	7°45	8°52	7°42	17°55	16° 9	W 20
T 21	10 34 47	10°28'28	1 <sup>18</sup> 9	15° 9	8°52	12°23	7° 7	2°29	26°27	16°31	7°44	8°46	7°39	18° 2	16°12	T 21
F 22	10 38 43	11°28'23	13° 2	17° 6	9° 1	13° 8	7°13	2°35	26°30	16°30	7°44	8°42	7°36	18° 9	16°16	F 22
S 23	10 42 40	12°28'16	25° 0	19° 4	9°12	13°52	7°18	2°41	26°32	16°28	7°43	8°39	7°32	18°15	16°20	S 23
S 24	10 46 36	13°28'07	7 <sup>27</sup> 6	21° 2	9°25	14°36	7°24	2°47	26°35	16°27	7°43	8°37	7°29	18°22	16°24	S 24
M 25	10 50 33	14°27'56	19°27	23° 0	9°40	15°21	7°31	2°53	26°38	16°25	7°42	8°D37	7°26	18°29	16°27	M 25
T 26	10 54 30	15°27'44	2 <sup>3</sup> 5	24°57	9°58	16° 5	7°37	2°59	26°41	16°24	7°42	8°38	7°23	18°35	16°31	T 26
W 27	10 58 26	16°27'30	15° 6	26°54	10°17	16°49	7°44	3° 5	26°43	16°23	7°42	8°40	7°20	18°42	16°35	W 27
T 28	11 2 23	17°27'15	28°33	28°49	10°38	17°33	7°50	3°11	26°46	16°21	7°41	8°41	7°17	18°49	16°39	T 28
F 29	11 6 19	18 <sup>26</sup> 57	12 <sup>27</sup>	0 <sup>43</sup>	11 <sup>1</sup>	18 <sup>17</sup>	7 <sup>57</sup>	3 <sup>17</sup>	26 <sup>49</sup>	16 <sup>20</sup>	7 <sup>41</sup>	8°R41	7 <sup>13</sup>	18 <sup>46</sup>	16 <sup>42</sup>	F 29

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	14s44	19s36	0s26	20s 2	2s 0	8s38	8n22	1s29	0s30	20n54	0s27	20s32	0s23	9n29	0s31	16n 8	0n23	22n 5	1s11	18s 0	18s 8	10s36	2s 6	4n 9			
S 2	14 25	14 24	0n53	19 37	2 2	8 45	8 24	1 10	0 29	20 55	0 27	20 30	0 23	9 30	0 31	16 8	0 23	22 6	1 11	18 0	18 9	10 39	2 5	4 9			
S 3	14 5	8 18	2 9	19 10	2 3	8 54	8 25	0 51	0 29	20 56	0 26	20 29	0 23	9 31	0 31	16 9	0 23	22 6	1 11	18 0	18 10	10 42	2 4	4 9			
M 4	13 45	1 42	3 18	18 42	2 5	9 2	8 25	0 33	0 28	20 56	0 26	20 27	0 24	9 31	0 31	16 10	0 23	22 6	1 11	18 0	18 11	10 45	2 2	4 9			
T 5	13 25	5n 0	4 14	18 13	2 6	9 11	8 24	0 14	0 27	20 57	0 26	20 26	0 24	9 32	0 31	16 10	0 23	22 6	1 11	18 1	18 12	10 48	2 1	4 8			
W 6	13 5	11 24	4 53	17 42	2 6	9 21	8 23	0n 5	0 26	20 58	0 26	20 25	0 24	9 33	0 31	16 11	0 23	22 6	1 11	18 1	18 13	10 51	2 0	4 8			
T 7	12 44	17 6	5 13	17 9	2 6	9 30	8 20	0 23	0 25	20 58	0 26	20 23	0 24	9 34	0 31	16 11	0 23	22 6	1 11	18 2	18 13	10 54	1 59	4 8			
F 8	12 24	21 46	5 13	16 35	2 6	9 40	8 17	0 42	0 25	20 59	0 25	20 22	0 24	9 34	0 31	16 12	0 23	22 6	1 11	18 2	18 14	10 57	1 57	4 8			
S 9	12 3	25 4	4 54	16 0	2 5	9 49	8 13	1 1	0 24	21 0	0 25	20 21	0 24	9 35	0 31	16 12	0 23	22 6	1 11	18 2	18 15	11 0	1 56	4 8			
S 10	11 42	26 51	4 19	15 23	2 4	9 59	8 8	1 19	0 23	21 1	0 25	20 19	0 24	9 36	0 31	16 13	0 23	22 7	1 10	18 2	18 16	11 2	1 55	4 8			
M 11	11 21	26 59	3 30	14 44	2 2	10 9	8 3	1 38	0 22	21 2	0 25	20 18	0 24	9 37	0 31	16 13	0 23	22 7	1 10	18 2	18 17	11 5	1 54	4 8			
T 12	10 59	25 35	2 31	14 4	2 0	10 18	7 57	1 56	0 22	21 2	0 25	20 16	0 24	9 38	0 31	16 14	0 23	22 7	1 10	18 1	18 18	11 8	1 52	4 8			
W 13	10 38	22 51	1 25	13 23	1 57	10 28	7 50	2 15	0 21	21 3	0 24	20 15	0 24	9 39	0 30	16 14	0 23	22 7	1 10	18 1	18 18	11 11	1 51	4 7			
T 14	10 16	19 1	0 16	12 40	1 53	10 37	7 43	2 33	0 20	21 4	0 24	20 14	0 24	9 39	0 30	16 15	0 23	22 7	1 10	18 1	18 19	11 14	1 50	4 7			
F 15	9 54	14 24	0s53	11 55	1 50	10 46	7 36	2 52	0 19	21 5	0 24	20 12	0 25	9 40	0 30	16 15	0 23	22 7	1 10	18 1	18 20	11 17	1 48	4 7			
S 16	9 32	9 16	1 58	11 9	1 45	10 55	7 28	3 10	0 19	21 6	0 24	20 11	0 25	9 41	0 30	16 16	0 23	22 7	1 10	18 1	18 21	11 20	1 47	4 7			
S 17	9 10	3 51	2 56	10 22	1 40	11 4	7 20	3 28	0 18	21 7	0 24	20 10	0 25	9 42	0 30	16 16	0 23	22 7	1 10	18 2	18 22	11 23	1 46	4 7			
M 18	8 47	1s39	3 47	9 34	1 35	11 12	7 11	3 46	0 17	21 8	0 23	20 8	0 25	9 43	0 30	16 17	0 23	22 8	1 10	18 3	18 23	11 26	1 44	4 7			
T 19	8 25	7 1	4 26	8 44	1 29	11 20	7 3	4 5	0 16	21 9	0 23	20 7	0 25	9 44	0 30	16 17	0 23	22 8	1 10	18 5	18 23	11 28	1 43	4 7			
W 20	8 2	12 6	4 54	7 53	1 22	11 28	6 54	4 23	0 16	21 10	0 23	20 6	0 25	9 45	0 30	16 17	0 23	22 8	1 10	18 6	18 24	11 31	1 42	4 7			
T 21	7 40	16 44	5 9	7 1	1 15	11 35	6 44	4 41	0 15	21 11	0 23	20 4	0 25	9 46	0 30	16 18	0 23	22 8	1 9	18 7	18 25	11 34	1 40	4 7			
F 22	7 17	20 44	5 11	6 8	1 7	11 42	6 35	4 59	0 14	21 13	0 23	20 3	0 25	9 47	0 30	16 18	0 23	22 8	1 9	18 9	18 26	11 37	1 39	4 7			
S 23	6 54	23 55	4 59	5 14	0 59	11 48	6 26	5 17	0 13	21 14	0 22	20 2	0 25	9 48	0 30	16 19	0 23	22 8	1 9	18 9	18 27	11 40	1 38	4 6			
S 24	6 31	26 4	4 34	4 19	0 50	11 54	6 16	5 35	0 13	21 15	0 22	20 1	0 25	9 49	0 30	16 19	0 23	22 8	1 9	18 10	18 27	11 43	1 36	4 6			
M 25	6 8	27 1	3 56	3 24	0 40	12 0	6 6	5 53	0 12	21 16	0 22	19 59	0 26	9 50	0 30	16 20	0 23	22 8	1 9	18 10	18 28	11 46	1 35	4 6			
T 26	5 45	26 36	3 6	2 28	0 30	12 5	5 56	6 10	0 11	21 17	0 22	19 58	0 26	9 51	0 30	16 20	0 23	22 8	1 9	18 10	18 29	11 48	1 33	4 6			
W 27	5 22	24 43	2 5	1 32	0 19	12 9	5 46	6 28	0 11	21 19	0 22	19 57	0 26	9 52	0 30	16 21	0 23	22 9	1 9	18 9	18 30	11 51	1 32	4 6			
T 28	4 58	21 25	0 55	0 36	0 8	12 13	5 37	6 46	0 10	21 20	0 22	19 56	0 26	9 53	0 30	16 21	0 23	22 9	1 9	18 9	18 31	11 54	1 31	4 6			
F 29	4s35	16s48	0n20	0n20	0n 3	12s17	5n27	7n 3	0s 9	21n21	0s21	19s54	0s26	9n54	0s30	16n21	0n23	22n 9	1s 9	18s 9	18s31	11s57	1s29	4n 6			

# ASTRODIENST EPHEMERIS for the year 1432

## geocentric

MARCH 1432 JC

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	11 10 16	19 <sup>16</sup> 38	26 <sup>48</sup> 48	2 <sup>36</sup> 36	11 <sup>26</sup> 26	19 <sup>17</sup> 1	8 <sup>11</sup> 4	3 <sup>22</sup> 22	26 <sup>52</sup> 52	16 <sup>18</sup> 18	7 <sup>41</sup> 41	8 <sup>40</sup> 40	7 <sup>10</sup> 10	19 <sup>12</sup> 2	16 <sup>46</sup> 46	S 1
S 2	11 14 12	20 <sup>26</sup> 17	11 <sup>33</sup> 33	4 <sup>26</sup> 26	11 <sup>52</sup> 52	19 <sup>45</sup> 45	8 <sup>11</sup> 11	3 <sup>28</sup> 28	26 <sup>55</sup> 55	16 <sup>17</sup> 17	7 <sup>40</sup> 40	8 <sup>37</sup> 37	7 <sup>7</sup> 7	19 <sup>9</sup> 9	16 <sup>50</sup> 50	S 2
M 3	11 18 9	21 <sup>25</sup> 53	26 <sup>34</sup> 34	6 <sup>13</sup> 13	12 <sup>20</sup> 20	20 <sup>29</sup> 29	8 <sup>18</sup> 18	3 <sup>34</sup> 34	26 <sup>58</sup> 58	16 <sup>16</sup> 16	7 <sup>40</sup> 40	8 <sup>32</sup> 32	7 <sup>4</sup> 4	19 <sup>16</sup> 16	16 <sup>53</sup> 53	M 3
T 4	11 22 5	22 <sup>25</sup> 28	11 <sup>44</sup> 44	7 <sup>57</sup> 57	12 <sup>50</sup> 50	21 <sup>13</sup> 13	8 <sup>26</sup> 26	3 <sup>39</sup> 39	27 <sup>1</sup> 1	16 <sup>15</sup> 15	7 <sup>40</sup> 40	8 <sup>25</sup> 25	7 <sup>1</sup> 1	19 <sup>22</sup> 22	16 <sup>57</sup> 57	T 4
W 5	11 26 2	23 <sup>25</sup> 00	26 <sup>50</sup> 50	9 <sup>38</sup> 38	13 <sup>21</sup> 21	21 <sup>57</sup> 57	8 <sup>33</sup> 33	3 <sup>45</sup> 45	27 <sup>4</sup> 4	16 <sup>13</sup> 13	7 <sup>40</sup> 40	8 <sup>18</sup> 18	6 <sup>57</sup> 57	19 <sup>29</sup> 29	17 <sup>1</sup> 1	W 5
T 6	11 29 59	24 <sup>24</sup> 31	11 <sup>45</sup> 45	11 <sup>14</sup> 14	13 <sup>53</sup> 53	22 <sup>41</sup> 41	8 <sup>41</sup> 41	3 <sup>50</sup> 50	27 <sup>7</sup> 7	16 <sup>12</sup> 12	7 <sup>40</sup> 40	8 <sup>12</sup> 12	6 <sup>54</sup> 54	19 <sup>36</sup> 36	17 <sup>5</sup> 5	T 6
F 7	11 33 55	25 <sup>23</sup> 59	26 <sup>20</sup> 20	12 <sup>46</sup> 46	14 <sup>27</sup> 27	23 <sup>25</sup> 25	8 <sup>49</sup> 49	3 <sup>55</sup> 55	27 <sup>10</sup> 10	16 <sup>11</sup> 11	7 <sup>39</sup> 39	8 <sup>7</sup> 7	6 <sup>51</sup> 51	19 <sup>43</sup> 43	17 <sup>8</sup> 8	F 7
S 8	11 37 52	26 <sup>23</sup> 24	10 <sup>11</sup> 31	14 <sup>13</sup> 13	15 <sup>2</sup> 2	24 <sup>9</sup> 9	8 <sup>57</sup> 57	4 <sup>1</sup> 1	27 <sup>13</sup> 13	16 <sup>10</sup> 10	7 <sup>39</sup> 39	8 <sup>4</sup> 4	6 <sup>48</sup> 48	19 <sup>49</sup> 49	17 <sup>12</sup> 12	S 8
S 9	11 41 48	27 <sup>22</sup> 48	24 <sup>17</sup> 17	15 <sup>35</sup> 35	15 <sup>38</sup> 38	24 <sup>52</sup> 52	9 <sup>5</sup> 5	4 <sup>6</sup> 6	27 <sup>16</sup> 16	16 <sup>8</sup> 8	7 <sup>39</sup> 39	8 <sup>D 2</sup> 2	6 <sup>45</sup> 45	19 <sup>56</sup> 56	17 <sup>16</sup> 16	S 9
M10	11 45 45	28 <sup>22</sup> 09	7 <sup>39</sup> 39	16 <sup>51</sup> 51	16 <sup>16</sup> 16	25 <sup>36</sup> 36	9 <sup>13</sup> 13	4 <sup>11</sup> 11	27 <sup>19</sup> 19	16 <sup>7</sup> 7	7 <sup>39</sup> 39	8 <sup>3</sup> 3	6 <sup>42</sup> 42	20 <sup>3</sup> 3	17 <sup>19</sup> 19	M10
T 11	11 49 41	29 <sup>21</sup> 28	20 <sup>39</sup> 39	18 <sup>1</sup> 1	16 <sup>55</sup> 55	26 <sup>19</sup> 19	9 <sup>21</sup> 21	4 <sup>16</sup> 16	27 <sup>22</sup> 22	16 <sup>6</sup> 6	7 <sup>39</sup> 39	8 <sup>4</sup> 4	6 <sup>38</sup> 38	20 <sup>9</sup> 9	17 <sup>23</sup> 23	T 11
W12	11 53 38	0 <sup>19</sup> 20	44 <sup>3</sup> 3	19 <sup>5</sup> 5	17 <sup>35</sup> 35	27 <sup>3</sup> 3	9 <sup>30</sup> 30	4 <sup>21</sup> 21	27 <sup>25</sup> 25	16 <sup>5</sup> 5	7 <sup>D 39</sup> 39	8 <sup>R 5</sup> 5	6 <sup>35</sup> 35	20 <sup>16</sup> 16	17 <sup>27</sup> 27	W12
T 13	11 57 34	1 <sup>19</sup> 58	15 <sup>48</sup> 48	20 <sup>3</sup> 3	18 <sup>16</sup> 16	27 <sup>47</sup> 47	9 <sup>39</sup> 39	4 <sup>26</sup> 26	27 <sup>29</sup> 29	16 <sup>4</sup> 4	7 <sup>39</sup> 39	8 <sup>4</sup> 4	6 <sup>32</sup> 32	20 <sup>23</sup> 23	17 <sup>30</sup> 30	T 13
F 14	12 1 31	2 <sup>19</sup> 09	28 <sup>4</sup> 4	20 <sup>53</sup> 53	18 <sup>58</sup> 58	28 <sup>30</sup> 30	9 <sup>47</sup> 47	4 <sup>31</sup> 31	27 <sup>32</sup> 32	16 <sup>3</sup> 3	7 <sup>39</sup> 39	8 <sup>2</sup> 2	6 <sup>29</sup> 29	20 <sup>30</sup> 30	17 <sup>34</sup> 34	F 14
S 15	12 5 28	3 <sup>18</sup> 19	10 <sup>11</sup> 11	21 <sup>37</sup> 37	19 <sup>41</sup> 41	29 <sup>13</sup> 13	9 <sup>56</sup> 56	4 <sup>36</sup> 36	27 <sup>35</sup> 35	16 <sup>2</sup> 2	7 <sup>39</sup> 39	7 <sup>58</sup> 58	6 <sup>26</sup> 26	20 <sup>36</sup> 36	17 <sup>38</sup> 38	S 15
S 16	12 9 24	4 <sup>17</sup> 26	22 <sup>13</sup> 13	22 <sup>14</sup> 14	20 <sup>25</sup> 25	29 <sup>57</sup> 57	10 <sup>5</sup> 5	4 <sup>40</sup> 40	27 <sup>38</sup> 38	16 <sup>1</sup> 1	7 <sup>39</sup> 39	7 <sup>51</sup> 51	6 <sup>23</sup> 23	20 <sup>43</sup> 43	17 <sup>41</sup> 41	S 16
M17	12 13 21	5 <sup>16</sup> 31	4 <sup>9</sup> 9	22 <sup>44</sup> 44	21 <sup>10</sup> 10	0 <sup>8</sup> 40	10 <sup>14</sup> 14	4 <sup>45</sup> 45	27 <sup>41</sup> 41	16 <sup>0</sup> 0	7 <sup>39</sup> 39	7 <sup>41</sup> 41	6 <sup>19</sup> 19	20 <sup>50</sup> 50	17 <sup>45</sup> 45	M17
T 18	12 17 17	6 <sup>15</sup> 34	16 <sup>3</sup> 3	23 <sup>7</sup> 7	21 <sup>56</sup> 56	1 <sup>23</sup> 23	10 <sup>23</sup> 23	4 <sup>50</sup> 50	27 <sup>45</sup> 45	15 <sup>59</sup> 59	7 <sup>39</sup> 39	7 <sup>30</sup> 30	6 <sup>16</sup> 16	20 <sup>57</sup> 57	17 <sup>48</sup> 48	T 18
W19	12 21 14	7 <sup>14</sup> 35	27 <sup>56</sup> 56	23 <sup>23</sup> 23	22 <sup>43</sup> 43	2 <sup>6</sup> 6	10 <sup>33</sup> 33	4 <sup>54</sup> 54	27 <sup>48</sup> 48	15 <sup>58</sup> 58	7 <sup>40</sup> 40	7 <sup>19</sup> 19	6 <sup>13</sup> 13	21 <sup>3</sup> 3	17 <sup>52</sup> 52	W19
T 20	12 25 10	8 <sup>13</sup> 34	9 <sup>11</sup> 48	23 <sup>31</sup> 31	23 <sup>31</sup> 31	2 <sup>50</sup> 50	10 <sup>42</sup> 42	4 <sup>59</sup> 59	27 <sup>51</sup> 51	15 <sup>57</sup> 57	7 <sup>40</sup> 40	7 <sup>7</sup> 7	6 <sup>10</sup> 10	21 <sup>10</sup> 10	17 <sup>56</sup> 56	T 20
F 21	12 29 7	9 <sup>12</sup> 31	21 <sup>43</sup> 43	23 <sup>R 33</sup> 33	24 <sup>19</sup> 19	3 <sup>33</sup> 33	10 <sup>52</sup> 52	5 <sup>3</sup> 3	27 <sup>55</sup> 55	15 <sup>56</sup> 56	7 <sup>40</sup> 40	6 <sup>57</sup> 57	6 <sup>7</sup> 7	21 <sup>17</sup> 17	17 <sup>59</sup> 59	F 21
S 22	12 33 3	10 <sup>11</sup> 27	3 <sup>4</sup> 42	23 <sup>29</sup> 29	25 <sup>8</sup> 8	4 <sup>16</sup> 16	11 <sup>1</sup> 1	5 <sup>7</sup> 7	27 <sup>58</sup> 58	15 <sup>55</sup> 55	7 <sup>40</sup> 40	6 <sup>49</sup> 49	6 <sup>3</sup> 3	21 <sup>23</sup> 23	18 <sup>3</sup> 3	S 22
S 23	12 37 0	11 <sup>10</sup> 20	15 <sup>50</sup> 50	23 <sup>18</sup> 18	25 <sup>58</sup> 58	4 <sup>59</sup> 59	11 <sup>11</sup> 11	5 <sup>12</sup> 12	28 <sup>1</sup> 1	15 <sup>54</sup> 54	7 <sup>40</sup> 40	6 <sup>44</sup> 44	6 <sup>0</sup> 0	21 <sup>30</sup> 30	18 <sup>6</sup> 6	S 23
M24	12 40 56	12 <sup>9</sup> 12	28 <sup>8</sup> 8	23 <sup>0</sup> 0	26 <sup>49</sup> 49	5 <sup>42</sup> 42	11 <sup>21</sup> 21	5 <sup>16</sup> 16	28 <sup>5</sup> 5	15 <sup>54</sup> 54	7 <sup>41</sup> 41	6 <sup>41</sup> 41	5 <sup>57</sup> 57	21 <sup>37</sup> 37	18 <sup>10</sup> 10	M24
T 25	12 44 53	13 <sup>8</sup> 02	10 <sup>3</sup> 43	22 <sup>38</sup> 38	27 <sup>40</sup> 40	6 <sup>25</sup> 25	11 <sup>31</sup> 31	5 <sup>20</sup> 20	28 <sup>8</sup> 8	15 <sup>53</sup> 53	7 <sup>41</sup> 41	6 <sup>D 40</sup> 40	5 <sup>54</sup> 54	21 <sup>44</sup> 44	18 <sup>13</sup> 13	T 25
W26	12 48 50	14 <sup>6</sup> 51	23 <sup>38</sup> 38	22 <sup>10</sup> 10	28 <sup>32</sup> 32	7 <sup>8</sup> 8	11 <sup>41</sup> 41	5 <sup>24</sup> 24	28 <sup>11</sup> 11	15 <sup>52</sup> 52	7 <sup>41</sup> 41	6 <sup>40</sup> 40	5 <sup>51</sup> 51	21 <sup>50</sup> 50	18 <sup>16</sup> 16	W26
T 27	12 52 46	15 <sup>5</sup> 37	6 <sup>5</sup> 57	21 <sup>38</sup> 38	29 <sup>25</sup> 25	7 <sup>50</sup> 50	11 <sup>51</sup> 51	5 <sup>28</sup> 28	28 <sup>15</sup> 15	15 <sup>51</sup> 51	7 <sup>42</sup> 42	6 <sup>R 40</sup> 40	5 <sup>48</sup> 48	21 <sup>57</sup> 57	18 <sup>20</sup> 20	T 27
F 28	12 56 43	16 <sup>4</sup> 22	20 <sup>44</sup> 44	21 <sup>2</sup> 2	0 <sup>18</sup> 18	8 <sup>33</sup> 33	12 <sup>2</sup> 2	5 <sup>32</sup> 32	28 <sup>18</sup> 18	15 <sup>51</sup> 51	7 <sup>42</sup> 42	6 <sup>40</sup> 40	5 <sup>44</sup> 44	22 <sup>4</sup> 4	18 <sup>23</sup> 23	F 28
S 29	13 0 39	17 <sup>3</sup> 05	4 <sup>18</sup> 59	20 <sup>24</sup> 24	1 <sup>12</sup> 12	9 <sup>16</sup> 16	12 <sup>12</sup> 12	5 <sup>35</sup> 35	28 <sup>21</sup> 21	15 <sup>50</sup> 50	7 <sup>42</sup> 42	6 <sup>37</sup> 37	5 <sup>41</sup> 41	22 <sup>10</sup> 10	18 <sup>27</sup> 27	S 29
S 30	13 4 36	18 <sup>1</sup> 46	19 <sup>42</sup> 42	19 <sup>42</sup> 42	2 <sup>6</sup> 6	9 <sup>59</sup> 59	12 <sup>23</sup> 23	5 <sup>39</sup> 39	28 <sup>25</sup> 25	15 <sup>49</sup> 49	7 <sup>43</sup> 43	6 <sup>31</sup> 31	5 <sup>38</sup> 38	22 <sup>17</sup> 17	18 <sup>30</sup> 30	S 30
M31	13 8 32	19 <sup>17</sup> 02	4 <sup>17</sup> 46	19 <sup>17</sup> 02	3 <sup>1</sup> 1	10 <sup>8</sup> 41	12 <sup>11</sup> 33	5 <sup>43</sup> 43	28 <sup>17</sup> 28	15 <sup>49</sup> 49	7 <sup>43</sup> 43	6 <sup>24</sup> 24	5 <sup>35</sup> 35	22 <sup>24</sup> 24	18 <sup>33</sup> 33	M31

Day	☉	☾		♂		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
S 1	4s11	11s 6	1n37	1n16	0n15	12s20	5n17	7n21	0s 8	21n22	0s21	19s53	0s26	9n55	0s30	16n22	0n23	22n 9	1s 9	18s 9	18s32	12s 0	1s28	4n 6			
S 2	3 48	4 39	2 48	2 11	0 27	12 22	5 7	7 38	0 8	21 24	0 21	19 52	0 26	9 56	0 30	16 22	0 23	22 9	1 9	18 10	18 33	12 3	1 26	4 6			
M 3	3 24	2n 9	3 50	3 5	0 40	12 24	4 57	7 55	0 7	21 25	0 21	19 51	0 26	9 57	0 30	16 23	0 23	22 9	1 9	18 11	18 34	12 5	1 25	4 6			
T 4	3 1	8 53	4 36	3 58	0 52	12 25	4 47	8 12	0 6	21 26	0 21	19 49	0 26	9 58	0 30	16 23	0 23	22 9	1 8	18 13	18 35	12 8	1 24	4 6			
W 5	2 37	15 4	5 2	4 49	1 5	12 26	4 37	8 30	0 6	21 28	0 21	19 48	0 26	10 0	0 30	16 23	0 23	22 9	1 8	18 15	18 35	12 11	1 22	4 6			
T 6	2 14	20 17	5 8	5 39	1 17	12 26	4 28	8 47	0 5	21 29	0 20	19 47	0 27	10 1	0 30	16 24	0 23	22 9	1 8	18 16	18 36	12 14	1 21	4 6			
F 7	1 50	24 8	4 53	6 26	1 30	12 26	4 18	9 4	0 4	21 30	0 20	19 46	0 27	10 2	0 30	16 24	0 23	22 10	1 8	18 18	18 37	12 17	1 19	4 6			
S 8	1 26	26 23	4 20	7 12	1 42	12 25	4 8	9 20	0 3	21 32	0 20	19 45	0 27	10 3	0 30	16 25	0 23	22 10	1 8	18 19	18 38	12 20	1 18	4 6			
S 9	1 3	26 57	3 34	7 54	1 54	12 24	3 59	9 37	0 3	21 33	0 20	19 44	0 27	10 4	0 30	16 25	0 23	22 10	1 8	18 19	18 39	12 22	1 17	4 6			
M10	0 39	25 54	2 36	8 34	2 6	12 22	3 49	9 54	0 2	21 35	0 20	19 43	0 27	10 5	0 30	16 25	0 23	22 10	1 8	18 19	18 40	12 25	1 15	4 6			
T 11	0 15	23 27	1 32	9 11	2 16	12 19	3 40	10 10	0 1	21 36	0 20	19 41	0 27	10 6	0 30	16 26	0 23	22 10	1 8	18 19	18 40	12 28	1 14	4 6			
W12	0n 8	19 53	0 25	9 45	2 27	12 16	3 30	10 27	0 1	21 38	0 19	19 40	0 27	10 7	0 30	16 26	0 23	22 10	1 8	18 18	18 41	12 31	1 12	4 6			
T 13	0 32	15 29	0s41	10 16	2 36	12 13	3 21	10 43	0n 0	21 39	0 19	19 39	0 27	10 9	0 30	16 26	0 23	22 10	1 8	18 18	18 42	12 34	1 11	4 6			
F 14	0 56	10 32	1 45	10 44	2 45	12 8	3 12	10 59	0 1	21 40	0 19	19 38	0 27	10 10	0 30	16 27	0 23	22 10	1 8	18 19	18 43	12 36	1 9	4 6			
S 15	1 19	5 15	2 43	11 8	2 53	12 4	3 3	11 15	0 1	21 42	0 19	19 37	0 28	10 11	0 30	16 27	0 23	22 10	1 7	18 20	18 43	12 39	1 8	4 6			
S 16	1 43	0s10	3 33	11 28	3 0	11 58	2 54	11 31	0 2	21 43	0 19	19 36	0 28	10 12	0 30	16 27	0 23	22 10	1 7	18 22	18 44	12 42	1 7	4 6			
M17	2 6	5 32	4 14	11 44	3 6	11 52	2 46	11 47	0 3	21 45	0 19	19 35	0 28	10 13	0 30	16 28	0 23	22 10	1 7	18 24	18 45	12 45	1 5	4 6			
T 18	2 30	10 41	4 43	11 57	3 10	11 46	2 37	12 3	0 3	21 46	0 18	19 34	0 28	10 14	0 30	16 28	0 23	22 10	1 7	18 27	18 46	12 47	1 4	4 6			
W19	2 53	15 25	4 59	12 6	3 14	11 39	2 28	12 18	0 4	21 48	0 18	19 33	0 28	10 16	0 30	16 28	0 23	22 11	1 7	18 30	18 47	12 50	1 2	4 6			
T 20	3 16	19 35	5 3	12 11	3 15	11 31	2 20	12 34	0 5	21 49	0 18	19 32	0 28	10 17	0 30	16 28	0 23	22 11	1 7	18 33	18 47	12 53	1 1	4 6			
F 21	3 40	22 58	4 53	12 12	3 16	11 23	2 12	12 49	0 5	21 51	0 18	19 31	0 28	10 18	0 30	16 29	0 23	22 11	1 7	18 36	18 48	12 56	1 0	4 6			
S 22	4 3	25 23	4 31	12 10	3 15	11 15	2 3	13 5	0 6	21 52	0 18	19 30	0 28	10 19	0 30	16 29	0 23	22 11	1 7	18 38	18 49	12 59	0 58	4 6			
S 23	4 26	26 40	3 56	12 3	3 13	11 6	1 55	13 20	0 7	21 54	0 18	19 29	0 28	10 20	0 30	16 29	0 23	22 11	1 7	18 39	18 50	13 1	0 57	4 6			
M24	4 49	26 40	3 10	11 53	3 9	10 56	1 47	13 35	0 7	21 55	0 17	19 28	0 29	10 22	0 30	16 29	0 23	22 11	1 7	18 40	18 51	13 4	0 55	4 6			
T 25	5 12	25 18	2 13	11 40	3 3	10 46	1 40	13 50	0 8	21 57	0 17	19 28	0 29	10 23	0 30	16 30	0 23	22 11	1 7	18 40	18 51	13 7	0 54	4 6			
W26	5 35	22 34	1 9	11 23	2 56	10 35	1 32	14 4	0 9	21 58	0 17	19 27	0 29	10 24	0 30	16 30	0 23	22 11	1 6	18 40	18 52	13 10	0 53	4 6			
T 27	5 58	18 34	0n 1	11 3	2 47	10 24	1 24	14 19	0 9	22 0	0 17	19 26	0 29	10 25	0 30	16 30	0 23	22 11	1 6	18 40	18 53	13 12	0 51	4 6			
F 28	6 21	13 28	1 14	10 40	2 37	10 12	1 17	14 33	0 10	22 1	0 17	19 25	0 29	10 27	0 30	16 30	0 23	22 11	1 6	18 40	18 54	13 15	0 50	4 6			
S 29	6 43	7 29	2 24	10 15	2 26	10 10	1 10	14 48	0 11	22 3	0 17	19 24	0 29	10 28	0 30	16 30	0 23	22 11	1 6	18 41	18 55	13 18	0 49	4 6			
S 30	7 6	0 55	3 27	9 47	2 13	9 47	1 2	15 2	0 11	22 5	0 17	19 23	0 29	10 29	0 30	16 31	0 23	22 11	1 6	18 42	18 55	13 21	0 47	4 6			
M31	7n28	5n50	4n17	9n18	2n 0	9s34	0n55	15n16	0n12	22n 6	0s16	19s23	0s29	10n30	0s30	16n31	0n23	22n11	1s 6	18s44	18s56	13s23	0s46	4n 6			



ASTRODIENST EPHEMERIS for the year 1432  
geocentric

MAY 1432 JC

00:00 UT

Day	Sid.t	☉	☽	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓	♈	♉	Day
T 1	15 10 46	19♌ 3'14	28♌52	23♊34	4♊27	2♊21	18♊40	6♊49	0♊14	15♊47	8♊7	2♊R58	3♊56	25♊52	20♊2	T 1
F 2	15 14 42	20° 0'59	13♊46	24°43	5°32	3° 2	18°52	6°50	0°18	15°47	8° 8	2♊50	3°53	25°59	20° 4	F 2
S 3	15 18 39	20°58'43	28°16	25°55	6°37	3°43	19° 5	6°50	0°21	15°48	8° 9	2°43	3°50	26° 6	20° 6	S 3
S 4	15 22 35	21°56'25	12♌18	27° 9	7°43	4°24	19°18	6°51	0°24	15°48	8°11	2°39	3°47	26°12	20° 8	S 4
M 5	15 26 32	22°54'05	25°51	28°26	8°48	5° 5	19°31	6°51	0°27	15°49	8°12	2°38	3°44	26°19	20°10	M 5
T 6	15 30 28	23°51'44	8♌57	29°46	9°54	5°46	19°44	6°52	0°31	15°50	8°13	2°D38	3°40	26°26	20°12	T 6
W 7	15 34 25	24°49'21	21°39	1♌ 8	11° 0	6°27	19°57	6°52	0°34	15°50	8°14	2°R38	3°37	26°33	20°14	W 7
T 8	15 38 21	25°46'57	4♎ 1	2°33	12° 6	7° 8	20°10	6°R52	0°37	15°51	8°15	2°38	3°34	26°39	20°16	T 8
F 9	15 42 18	26°44'32	16° 9	4° 0	13°12	7°49	20°23	6°52	0°40	15°51	8°16	2°36	3°31	26°46	20°18	F 9
S 10	15 46 15	27°42'04	28° 7	5°30	14°18	8°30	20°36	6°51	0°44	15°52	8°18	2°32	3°28	26°53	20°20	S 10
S 11	15 50 11	28°39'36	10♌ 0	7° 2	15°25	9°11	20°49	6°51	0°47	15°53	8°19	2°25	3°25	26°59	20°22	S 11
M12	15 54 8	29°37'06	21°51	8°37	16°31	9°52	21° 3	6°51	0°50	15°54	8°20	2°17	3°21	27° 6	20°24	M12
T 13	15 58 4	0♊34'35	3♎44	10°14	17°38	10°32	21°16	6°50	0°53	15°55	8°21	2° 6	3°18	27°13	20°26	T 13
W14	16 2 1	1°32'03	15°40	11°53	18°45	11°13	21°29	6°50	0°56	15°55	8°23	1°55	3°15	27°20	20°27	W14
T 15	16 5 57	2°29'29	27°42	13°35	19°52	11°54	21°42	6°49	0°59	15°56	8°24	1°44	3°12	27°26	20°29	T 15
F 16	16 9 54	3°26'55	9♊51	15°20	20°59	12°34	21°56	6°49	1° 2	15°57	8°25	1°34	3° 9	27°33	20°31	F 16
S 17	16 13 50	4°24'20	22° 8	17° 6	22° 6	13°15	22° 9	6°48	1° 5	15°58	8°27	1°26	3° 6	27°40	20°32	S 17
S 18	16 17 47	5°21'44	4♌33	18°56	23°13	13°55	22°22	6°47	1° 8	15°59	8°28	1°20	3° 2	27°47	20°34	S 18
M19	16 21 44	6°19'07	17° 9	20°47	24°21	14°36	22°36	6°46	1°11	16° 0	8°29	1°17	2°59	27°53	20°35	M19
T 20	16 25 40	7°16'29	27°57	22°41	25°28	15°16	22°49	6°45	1°14	16° 1	8°31	1°D16	2°56	28° 0	20°36	T 20
W21	16 29 37	8°13'51	13♌ 0	24°37	26°36	15°57	23° 3	6°44	1°17	16° 2	8°32	1°17	2°53	28° 7	20°38	W21
T 22	16 33 33	9°11'12	26°19	26°35	27°44	16°37	23°16	6°42	1°20	16° 3	8°33	1°18	2°50	28°13	20°39	T 22
F 23	16 37 30	10° 8'33	9♊56	28°36	28°52	17°18	23°30	6°41	1°23	16° 4	8°35	1°R18	2°46	28°20	20°40	F 23
S 24	16 41 26	11° 5'53	23°54	0♊38	29°59	17°58	23°43	6°39	1°26	16° 5	8°36	1°18	2°43	28°27	20°42	S 24
S 25	16 45 23	12° 3'12	8♊11	2°43	1♌ 8	18°38	23°57	6°38	1°29	16° 7	8°38	1°15	2°40	28°34	20°43	S 25
M26	16 49 19	13° 0'32	22°47	4°49	2°16	19°19	24°10	6°36	1°31	16° 8	8°39	1°11	2°37	28°40	20°44	M26
T 27	16 53 16	13°57'51	7♌35	6°56	3°24	19°59	24°24	6°34	1°34	16° 9	8°40	1° 5	2°34	28°47	20°45	T 27
W28	16 57 13	14°55'09	22°30	9° 5	4°33	20°39	24°37	6°33	1°37	16°10	8°42	0°58	2°31	28°54	20°46	W28
T 29	17 1 9	15°52'27	7♊22	11°15	5°41	21°19	24°51	6°31	1°40	16°11	8°43	0°51	2°27	29° 0	20°47	T 29
F 30	17 5 6	16°49'45	22° 4	13°26	6°50	21°59	25° 4	6°29	1°42	16°13	8°45	0°45	2°24	29° 7	20°48	F 30
S 31	17 9 2	17♊47'02	6♌27	15♊37	7♌59	22♊39	25♊18	6♌26	1♌45	16♌14	8♌46	0♌41	2♌21	29♌14	20♌49	S 31

Day	☉	☾		♊		♋		♌		♍		♎		♏		♐		♑		♒		♓		♈	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
T 1	17n32	24n23	4n31	6n11	3s14	0n17	1s38	21n11	0n30	22n49	0s12	19s10	0s33	11n 8	0s29	16n31	0n23	22n13	1s 3	19s33	19s20	14s46	0s 9	4n 9	
F 2	17 48	26 18	3 48	6 37	3 12	0 40	1 40	21 20	0 30	22 50	0 12	19 10	0 34	11 9	0 29	16 31	0 23	22 13	1 3	19 35	19 21	14 48	0 8	4 9	
S 3	18 3	26 22	2 51	7 5	3 10	1 4	1 43	21 28	0 31	22 52	0 12	19 10	0 34	11 10	0 29	16 31	0 23	22 13	1 3	19 37	19 21	14 51	0 7	4 9	
S 4	18 19	24 42	1 46	7 34	3 8	1 27	1 46	21 36	0 31	22 53	0 12	19 10	0 34	11 11	0 29	16 31	0 23	22 13	1 3	19 38	19 22	14 54	0 6	4 10	
M 5	18 33	21 38	0 36	8 5	3 4	1 51	1 48	21 44	0 32	22 54	0 12	19 10	0 34	11 13	0 29	16 31	0 23	22 13	1 3	19 38	19 23	14 56	0 5	4 10	
T 6	18 48	17 32	0s34	8 36	3 1	2 14	1 51	21 52	0 32	22 55	0 12	19 10	0 34	11 14	0 29	16 31	0 23	22 13	1 3	19 38	19 24	14 59	0 4	4 10	
W 7	19 2	12 46	1 39	9 9	2 56	2 38	1 53	22 0	0 33	22 56	0 12	19 10	0 34	11 15	0 29	16 30	0 23	22 13	1 3	19 38	19 24	15 1	0 3	4 10	
T 8	19 16	7 36	2 39	9 43	2 51	3 2	1 55	22 7	0 33	22 57	0 12	19 10	0 34	11 16	0 29	16 30	0 23	22 13	1 3	19 38	19 25	15 4	0 2	4 10	
F 9	19 29	2 16	3 30	10 18	2 46	3 26	1 57	22 14	0 34	22 58	0 12	19 10	0 35	11 17	0 29	16 30	0 23	22 13	1 3	19 38	19 26	15 6	0 1	4 10	
S 10	19 43	3s 5	4 11	10 53	2 39	3 50	1 59	22 21	0 34	22 59	0 11	19 11	0 35	11 18	0 29	16 30	0 23	22 13	1 3	19 39	19 26	15 9	0 0	4 10	
S 11	19 55	8 16	4 40	11 30	2 33	4 14	2 1	22 28	0 35	23 0	0 11	19 11	0 35	11 19	0 29	16 29	0 23	22 13	1 3	19 41	19 27	15 12	0n 1	4 11	
M12	20 8	13 8	4 58	12 7	2 26	4 38	2 2	22 35	0 35	23 1	0 11	19 11	0 35	11 20	0 29	16 29	0 23	22 13	1 3	19 43	19 28	15 14	0 2	4 11	
T 13	20 20	17 32	5 3	12 45	2 18	5 2	2 4	22 41	0 36	23 2	0 11	19 11	0 35	11 21	0 29	16 29	0 23	22 13	1 3	19 45	19 29	15 17	0 2	4 11	
W14	20 32	21 16	4 55	13 24	2 10	5 26	2 5	22 48	0 36	23 3	0 11	19 11	0 35	11 22	0 29	16 29	0 23	22 13	1 2	19 48	19 29	15 19	0 3	4 11	
T 15	20 43	24 8	4 33	14 2	2 1	5 50	2 7	22 54	0 37	23 4	0 11	19 12	0 35	11 24	0 29	16 28	0 23	22 13	1 2	19 50	19 30	15 22	0 4	4 11	
F 16	20 55	25 56	3 59	14 42	1 52	6 14	2 8	23 0	0 37	23 5	0 11	19 12	0 36	11 25	0 29	16 28	0 23	22 13	1 2	19 52	19 31	15 24	0 5	4 11	
S 17	21 5	26 30	3 13	15 21	1 43	6 38	2 9	23 5	0 38	23 6	0 11	19 12	0 36	11 26	0 29	16 28	0 23	22 13	1 2	19 54	19 32	15 27	0 6	4 12	
S 18	21 16	25 44	2 18	16 1	1 33	7 2	2 10	23 11	0 38	23 7	0 11	19 13	0 36	11 27	0 29	16 28	0 23	22 13	1 2	19 55	19 32	15 29	0 6	4 12	
M19	21 26	23 39	1 15	16 40	1 23	7 26	2 11	23 16	0 39	23 8	0 10	19 13	0 36	11 28	0 29	16 27	0 23	22 13	1 2	19 56	19 33	15 32	0 7	4 12	
T 20	21 36	20 20	0 7	17 20	1 13	7 50	2 11	23 21	0 39	23 9	0 10	19 14	0 36	11 29	0 30	16 27	0 23	22 13	1 2	19 56	19 34	15 34	0 8	4 12	
W21	21 45	15 58	1n 3	17 59	1 2	8 14	2 12	23 26	0 40	23 10	0 10	19 14	0 36	11 30	0 30	16 27	0 23	22 12	1 2	19 56	19 35	15 37	0 8	4 12	
T 22	21 54	10 45	2 10	18 37	0 51	8 38	2 13	23 30	0 40	23 10	0 10	19 15	0 36	11 31	0 30	16 26	0 23	22 12	1 2	19 56	19 35	15 40	0 9	4 12	
F 23	22 2	4 54	3 12	19 15	0 40	9 2	2 13	23 35	0 41	23 11	0 10	19 15	0 36	11 32	0 30	16 26	0 23	22 12	1 2	19 56	19 36	15 42	0 10	4 13	
S 24	22 11	1n19	4 5	19 52	0 29	9 25	2 13	23 39	0 41	23 12	0 10	19 15	0 37	11 33	0 30	16 26	0 23	22 12	1 2	19 56	19 37	15 45	0 10	4 13	
S 25	22 18	7 35	4 43	20 28	0 18	9 49	2 14	23 43	0 42	23 13	0 10	19 16	0 37	11 34	0 30	16 25	0 23	22 12	1 2	19 57	19 38	15 47	0 11	4 13	
M26	22 26	13 35	5 4	21 2	0 7	10 12	2 14	23 47	0 42	23 13	0 10	19 17	0 37	11 35	0 30	16 25	0 23	22 12	1 2	19 58	19 38	15 50	0 12	4 13	
T 27	22 33	18 54	5 5	21 35	0n 3	10 36	2 14	23 50	0 42	23 14	0 10	19 17	0 37	11 36	0 30	16 25	0 23	22 12	1 2	19 59	19 39	15 52	0 12	4 13	
W28	22 40	23 4	4 46	22 7	0 14	10 59	2 14	23 54	0 43	23 15	0 10	19 18	0 37	11 37	0 30	16 24	0 23	22 12	1 1	20 0	19 40	15 54	0 13	4 13	
T 29	22 46	25 41	4 8	22 36	0 24	11 22	2 13	23 57	0 43	23 15	0 9	19 18	0 37	11 38	0 30	16 24	0 23	22 12	1 1	20 2	19 40	15 57	0 13	4 14	
F 30	22 52	26 29	3 13	23 3	0 35	11 44	2 13	24 0	0 44	23 16	0 9	19 19	0 37	11 38	0 30	16 24	0 23	22 12	1 1	20 3	19 41	15 59	0 14	4 14	
S 31	22n57	25n28	2n 7	23n28	0n44	12n 7	2s13	24n 3	0n44	23n17	0s 9	19s20	0s38	11n39	0s30	16n23	0n23	22n12	1s 1	20s 4	19s42	16s 2	0n14	4n14	



# ASTRODIENST EPHEMERIS for the year 1432

## geocentric

JUNE 1432 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	17 12 59	18II44'18	20☾27	17II49	9♂ 7	23II19	25II32	6°R24	1♂48	16♂15	8☾48	0°R39	2♂18	29♂21	20♂49	S 1
M 2	17 16 55	19°41'34	4♂ 1	20° 1	10°16	23°59	25°45	6♂22	1°50	16°17	8°49	0°D39	2°15	29°27	20°50	M 2
T 3	17 20 52	20°38'48	17°10	22°12	11°25	24°39	25°59	6°20	1°53	16°18	8°51	0♂40	2°12	29°34	20°51	T 3
W 4	17 24 49	21°36'03	29°55	24°23	12°34	25°19	26°12	6°17	1°55	16°20	8°52	0°41	2° 8	29°41	20°51	W 4
T 5	17 28 45	22°33'16	12♂20	26°33	13°43	25°59	26°26	6°15	1°58	16°21	8°54	0°42	2° 5	29°48	20°52	T 5
F 6	17 32 42	23°30'29	24°31	28°42	14°52	26°39	26°40	6°12	2° 0	16°23	8°55	0°R43	2° 2	29°54	20°52	F 6
S 7	17 36 38	24°27'41	6♂30	0☾50	16° 2	27°19	26°53	6° 9	2° 3	16°24	8°57	0°42	1°59	0♂ 1	20°53	S 7
S 8	17 40 35	25°24'53	18°24	2°57	17°11	27°59	27° 7	6° 7	2° 5	16°26	8°58	0°40	1°56	0° 8	20°53	S 8
M 9	17 44 31	26°22'04	0♂17	5° 2	18°20	28°39	27°21	6° 4	2° 7	16°27	9° 0	0°36	1°52	0°14	20°54	M 9
T 10	17 48 28	27°19'15	12°12	7° 6	19°30	29°18	27°34	6° 1	2°10	16°29	9° 1	0°31	1°49	0°21	20°54	T 10
W11	17 52 24	28°16'25	24°12	9° 7	20°40	29°58	27°48	5°58	2°12	16°30	9° 3	0°26	1°46	0°28	20°54	W11
T 12	17 56 21	29°13'35	6♂21	11° 7	21°49	0☾38	28° 2	5°55	2°14	16°32	9° 4	0°20	1°43	0°35	20°54	T 12
F 13	18 0 18	0☾10'45	18°40	13° 5	22°59	1°17	28°15	5°52	2°16	16°34	9° 6	0°15	1°40	0°41	20°54	F 13
S 14	18 4 14	1° 7'55	1♂11	15° 1	24° 9	1°57	28°29	5°48	2°18	16°35	9° 7	0°12	1°37	0°48	20°55	S 14
S 15	18 8 11	2° 5'05	13°53	16°55	25°19	2°37	28°42	5°45	2°21	16°37	9° 9	0° 9	1°33	0°55	20°R55	S 15
M16	18 12 7	3° 2'15	26°48	18°47	26°28	3°16	28°56	5°42	2°23	16°39	9°10	0°D 8	1°30	1° 2	20°55	M16
T 17	18 16 4	3°59'24	9♂56	20°37	27°38	3°56	29°10	5°38	2°25	16°40	9°12	0° 8	1°27	1° 8	20°54	T 17
W18	18 20 0	4°56'34	23°16	22°25	28°49	4°35	29°23	5°35	2°27	16°42	9°13	0°10	1°24	1°15	20°54	W18
T 19	18 23 57	5°53'44	6♂50	24°11	29°59	5°15	29°37	5°31	2°29	16°44	9°15	0°11	1°21	1°22	20°54	T 19
F 20	18 27 53	6°50'55	20°36	25°55	1II 9	5°54	29°50	5°28	2°31	16°46	9°17	0°12	1°18	1°28	20°54	F 20
S 21	18 31 50	7°48'06	4♂35	27°37	2°19	6°33	0☾ 4	5°24	2°32	16°47	9°18	0°R13	1°14	1°35	20°54	S 21
S 22	18 35 47	8°45'17	18°47	29°17	3°30	7°13	0°18	5°21	2°34	16°49	9°20	0°13	1°11	1°42	20°53	S 22
M23	18 39 43	9°42'29	3♂ 7	0♂54	4°40	7°52	0°31	5°17	2°36	16°51	9°21	0°12	1° 8	1°49	20°53	M23
T 24	18 43 40	10°39'42	17°34	2°30	5°51	8°31	0°45	5°13	2°38	16°53	9°23	0°10	1° 5	1°55	20°52	T 24
W25	18 47 36	11°36'55	2II 4	4° 4	7° 1	9°11	0°58	5° 9	2°40	16°55	9°24	0° 7	1° 2	2° 2	20°52	W25
T 26	18 51 33	12°34'08	16°30	5°35	8°12	9°50	1°12	5° 5	2°41	16°57	9°26	0° 5	0°58	2° 9	20°51	T 26
F 27	18 55 29	13°31'22	0☾48	7° 5	9°22	10°29	1°25	5° 1	2°43	16°59	9°27	0° 3	0°55	2°16	20°51	F 27
S 28	18 59 26	14°28'37	14°51	8°32	10°33	11° 8	1°39	4°57	2°44	17° 1	9°29	0° 2	0°52	2°22	20°50	S 28
S 29	19 3 23	15°25'52	28°37	9°58	11°44	11°48	1°52	4°53	2°46	17° 3	9°31	0°D 1	0°49	2°29	20°49	S 29
M30	19 7 19	16☾23'07	12♂ 3	11♂21	12II55	12☾27	2☾ 5	4♂49	2♂47	17♂ 4	9☾32	0♂ 2	0♂46	2♂36	20♂48	M30

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	23n 2	22n52	0n55	23n51	0n54	12n29	2s12	24n 5	0n45	23n17	0s 9	19s20	0s38	11n40	0s30	16n23	0n23	22n12	1s 1	20s 4	19s43	16s 4	0n15	4n14	
M 2	23 7	19 1	0s18	24 10	1 2	12 52	2 12	24 8	0 45	23 18	0 9	19 21	0 38	11 41	0 30	16 22	0 23	22 12	1 1	20 5	19 43	16 7	0 15	4 14	
T 3	23 11	14 20	1 28	24 27	1 10	13 13	2 11	24 10	0 45	23 18	0 9	19 22	0 38	11 42	0 30	16 22	0 23	22 12	1 1	20 4	19 44	16 9	0 16	4 14	
W 4	23 15	9 10	2 32	24 42	1 18	13 35	2 10	24 12	0 46	23 19	0 9	19 22	0 38	11 43	0 30	16 21	0 23	22 12	1 1	20 4	19 45	16 12	0 16	4 15	
T 5	23 18	3 46	3 27	24 53	1 25	13 57	2 10	24 13	0 46	23 19	0 9	19 23	0 38	11 44	0 30	16 21	0 23	22 12	1 1	20 4	19 45	16 14	0 16	4 15	
F 6	23 21	1s39	4 11	25 2	1 31	14 18	2 9	24 15	0 47	23 20	0 9	19 24	0 38	11 45	0 30	16 21	0 23	22 12	1 1	20 4	19 46	16 17	0 17	4 15	
S 7	23 24	6 56	4 44	25 7	1 37	14 39	2 8	24 16	0 47	23 20	0 9	19 25	0 39	11 45	0 30	16 20	0 23	22 12	1 1	20 4	19 47	16 19	0 17	4 15	
S 8	23 26	11 55	5 4	25 10	1 42	15 0	2 7	24 17	0 48	23 21	0 8	19 26	0 39	11 46	0 30	16 20	0 23	22 12	1 1	20 4	19 48	16 22	0 17	4 15	
M 9	23 28	16 27	5 11	25 11	1 46	15 20	2 6	24 18	0 48	23 21	0 8	19 26	0 39	11 47	0 30	16 19	0 23	22 12	1 1	20 5	19 48	16 24	0 18	4 16	
T 10	23 29	20 22	5 5	25 8	1 49	15 40	2 4	24 19	0 48	23 21	0 8	19 27	0 39	11 48	0 30	16 19	0 23	22 12	1 1	20 6	19 49	16 26	0 18	4 16	
W11	23 30	23 29	4 45	25 3	1 52	16 0	2 3	24 20	0 49	23 22	0 8	19 28	0 39	11 49	0 30	16 18	0 23	22 12	1 1	20 7	19 50	16 29	0 18	4 16	
T 12	23 31	25 35	4 12	24 56	1 53	16 19	2 2	24 20	0 49	23 22	0 8	19 29	0 39	11 49	0 30	16 18	0 23	22 12	1 0	20 9	19 50	16 31	0 18	4 16	
F 13	23 31	26 28	3 27	24 46	1 55	16 38	2 0	24 20	0 50	23 22	0 8	19 30	0 39	11 50	0 30	16 17	0 23	22 12	1 0	20 10	19 51	16 34	0 19	4 16	
S 14	23 31	26 2	2 32	24 34	1 55	16 57	1 59	24 20	0 50	23 22	0 8	19 31	0 39	11 51	0 30	16 17	0 23	22 12	1 0	20 10	19 52	16 36	0 19	4 16	
S 15	23 30	24 15	1 28	24 20	1 55	17 15	1 57	24 20	0 50	23 23	0 8	19 32	0 40	11 51	0 30	16 16	0 23	22 12	1 0	20 11	19 53	16 38	0 19	4 17	
M16	23 29	21 10	0 18	24 4	1 54	17 33	1 55	24 19	0 51	23 23	0 8	19 33	0 40	11 52	0 30	16 16	0 23	22 12	1 0	20 11	19 53	16 41	0 19	4 17	
T 17	23 27	16 57	0n53	23 47	1 52	17 51	1 54	24 18	0 51	23 23	0 8	19 34	0 40	11 53	0 30	16 15	0 23	22 12	1 0	20 11	19 54	16 43	0 19	4 17	
W18	23 25	11 52	2 4	23 27	1 50	18 8	1 52	24 18	0 52	23 23	0 7	19 35	0 40	11 54	0 30	16 15	0 23	22 12	1 0	20 11	19 55	16 46	0 19	4 17	
T 19	23 23	6 7	3 8	23 6	1 47	18 25	1 50	24 16	0 52	23 23	0 7	19 36	0 40	11 54	0 30	16 14	0 23	22 12	1 0	20 10	19 55	16 48	0 19	4 17	
F 20	23 20	0 1	4 3	22 44	1 44	18 42	1 48	24 15	0 52	23 24	0 7	19 37	0 40	11 55	0 30	16 14	0 23	22 12	1 0	20 10	19 56	16 50	0 20	4 17	
S 21	23 17	6n10	4 44	22 20	1 40	18 58	1 46	24 14	0 53	23 24	0 7	19 38	0 40	11 55	0 30	16 13	0 23	22 11	1 0	20 10	19 57	16 53	0 20	4 18	
S 22	23 13	12 7	5 8	21 55	1 35	19 13	1 44	24 12	0 53	23 24	0 7	19 39	0 40	11 56	0 30	16 13	0 23	22 11	1 0	20 10	19 57	16 55	0 20	4 18	
M23	23 9	17 30	5 14	21 29	1 30	19 28	1 42	24 10	0 53	23 24	0 7	19 40	0 41	11 57	0 30	16 12	0 23	22 11	1 0	20 10	19 58	16 58	0 20	4 18	
T 24	23 5	21 55	5 0	21 2	1 25	19 43	1 40	24 8	0 54	23 24	0 7	19 41	0 41	11 57	0 30	16 11	0 23	22 11	1 0	20 11	19 59	17 0	0 20	4 18	
W25	23 0	25 0	4 27	20 34	1 18	19 57	1 37	24 6	0 54	23 24	0 7	19 42	0 41	11 58	0 30	16 11	0 23	22 11	1 0	20 11	20 0	17 2	0 20	4 18	
T 26	22 55	26 26	3 37	20 6	1 12	20 11	1 35	24 3	0 54	23 24	0 7	19 43	0 41	11 58	0 30	16 10	0 23	22 11	1 0	20 12	20 0	17 5	0 19	4 19	
F 27	22 49	26 5	2 34	19 36	1 5	20 24	1 33	24 1	0 55	23 24	0 7	19 44	0 41	11 59	0 30	16 10	0 23	22 11	1 0	20 12	20 1	17 7	0 19	4 19	
S 28	22 43	24 3	1 23	19 6	0 57	20 36	1 31	23 58	0 55	23 24	0 7	19 45	0 41	11 59	0 30	16 9	0 23	22 11	0 59	20 12	20 2	17 9	0 19	4 19	
S 29	22 37	20 38	0 8	18 36	0 49	20 48	1 28	23 55	0 56	23 24	0 6	19 46	0 41	12 0	0 30	16 9	0 23	22 11	0 59	20 13	20 2	17 12	0 19	4 19	
M30	22n30	16n11	1s 6	18n 5	0n41	21n 0	1s26	23n51	0n56	23n24	0s 6	19s47	0s41	12n 1	0s30	16n 8	0n23	22n11	0s59	20s12	20s 3	17s14	0n19	4n19	

ASTRODIENST EPHEMERIS for the year 1432  
geocentric

JULY 1432 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	19 11 16	17°20'22	25♌ 8	12♌42	14♌ 6	13♌ 6	2♌19	4°R45	2♌49	17♌ 6	9♌34	0♌ 2	0♌43	2♌42	20°R48	T 1
W 2	19 15 12	18°17'38	7♍53	14° 0	15°17	13°45	2°32	4♍41	2°50	17° 8	9°35	0° 4	0°39	2°49	20°R47	W 2
T 3	19 19 9	19°14'54	20°19	15°17	16°28	14°24	2°45	4°37	2°52	17°10	9°37	0° 5	0°36	2°56	20°46	T 3
F 4	19 23 5	20°12'10	2♌31	16°31	17°39	15° 3	2°59	4°32	2°53	17°12	9°38	0° 5	0°33	3° 3	20°45	F 4
S 5	19 27 2	21° 9'26	14°33	17°43	18°50	15°42	3°12	4°28	2°54	17°14	9°40	0° 6	0°30	3° 9	20°44	S 5
S 6	19 30 58	22° 6'43	26°28	18°52	20° 1	16°21	3°25	4°24	2°55	17°17	9°41	0°R 6	0°27	3°16	20°43	S 6
M 7	19 34 55	23° 4'01	8♍21	19°59	21°13	17° 0	3°39	4°19	2°57	17°19	9°43	0° 6	0°24	3°23	20°42	M 7
T 8	19 38 51	24° 1'18	20°18	21° 3	22°24	17°39	3°52	4°15	2°58	17°21	9°44	0° 5	0°20	3°29	20°40	T 8
W 9	19 42 48	24°58'37	2♌21	22° 4	23°35	18°18	4° 5	4°11	2°59	17°23	9°46	0° 4	0°17	3°36	20°39	W 9
T 10	19 46 45	25°55'55	14°35	23° 3	24°47	18°57	4°18	4° 6	3° 0	17°25	9°47	0° 4	0°14	3°43	20°38	T 10
F 11	19 50 41	26°53'15	27° 2	23°58	25°58	19°36	4°31	4° 2	3° 1	17°27	9°49	0° 3	0°11	3°50	20°36	F 11
S 12	19 54 38	27°50'35	9♌46	24°51	27°10	20°15	4°44	3°57	3° 2	17°29	9°50	0° 3	0° 8	3°56	20°35	S 12
S 13	19 58 34	28°47'56	22°45	25°40	28°22	20°53	4°57	3°53	3° 3	17°31	9°52	0° 3	0° 4	4° 3	20°34	S 13
M14	20 2 31	29°45'17	6♌ 2	26°26	29°33	21°32	5°10	3°49	3° 4	17°33	9°53	0° 3	0° 1	4°10	20°32	M14
T 15	20 6 27	0♌42'40	19°34	27° 8	0♌45	22°11	5°23	3°44	3° 4	17°35	9°55	0° 3	29°58	4°17	20°31	T 15
W16	20 10 24	1°40'03	3♌20	27°47	1°57	22°50	5°36	3°40	3° 5	17°38	9°56	0° 3	29°55	4°23	20°29	W16
T 17	20 14 21	2°37'27	17°17	28°21	3° 9	23°28	5°49	3°35	3° 6	17°40	9°58	0° 3	29°52	4°30	20°27	T 17
F 18	20 18 17	3°34'53	1°V23	28°52	4°21	24° 7	6° 1	3°31	3° 6	17°42	9°59	0° 2	29°49	4°37	20°26	F 18
S 19	20 22 14	4°32'20	15°35	29°18	5°33	24°46	6°14	3°26	3° 7	17°44	10° 1	0° 2	29°45	4°43	20°24	S 19
S 20	20 26 10	5°29'48	29°49	29°40	6°45	25°24	6°27	3°22	3° 8	17°46	10° 2	0°D 2	29°42	4°50	20°22	S 20
M21	20 30 7	6°27'18	14♌ 3	29°58	7°57	26° 3	6°40	3°17	3° 8	17°48	10° 4	0° 2	29°39	4°57	20°21	M21
T 22	20 34 3	7°24'49	28°15	0♍10	9° 9	26°42	6°52	3°13	3° 9	17°51	10° 5	0° 2	29°36	5° 4	20°19	T 22
W23	20 38 0	8°22'21	12♌22	0°18	10°21	27°20	7° 5	3° 8	3° 9	17°53	10° 6	0° 3	29°33	5°10	20°17	W23
T 24	20 41 56	9°19'55	26°22	0°R20	11°34	27°59	7°17	3° 4	3° 9	17°55	10° 8	0° 4	29°30	5°17	20°15	T 24
F 25	20 45 53	10°17'30	10♌11	0°17	12°46	28°37	7°30	3° 0	3°10	17°57	10° 9	0° 4	29°26	5°24	20°13	F 25
S 26	20 49 50	11°15'07	23°49	0° 8	13°58	29°16	7°42	2°55	3°10	18° 0	10°11	0°R 5	29°23	5°31	20°11	S 26
S 27	20 53 46	12°12'45	7♌14	29♌54	15°11	29°54	7°54	2°51	3°10	18° 2	10°12	0° 5	29°20	5°37	20° 9	S 27
M28	20 57 43	13°10'24	20°23	29°35	16°23	0♌33	8° 7	2°46	3°10	18° 4	10°13	0° 4	29°17	5°44	20° 7	M28
T 29	21 1 39	14° 8'04	3♍16	29°10	17°36	1°11	8°19	2°42	3°10	18° 6	10°15	0° 3	29°14	5°51	20° 5	T 29
W30	21 5 36	15° 5'46	15°34	28°39	18°48	1°50	8°31	2°38	3°10	18° 8	10°16	0° 1	29°10	5°57	20° 3	W30
T 31	21 9 32	16♌ 3'28	28♍17	28♌ 4	20♌ 1	2♌28	8♌43	2♌33	3°R10	18♌11	10♌17	29♌58	29♌ 7	6♌ 4	20°R 0	T 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
T 1	22n23	11n 4	2s14	17n34	0n32	21n11	1s23	23n48	0n56	23n23	0s 6	19s48	0s41	12n 1	0s30	16n 7
W 2	22 16	5 38	3 14	17 3	0 23	21 22	1 21	23 44	0 57	23 23	0 6	19 50	0 42	12 1	0 30	16 7
T 3	22 8	0 7	4 4	16 31	0 13	21 32	1 18	23 41	0 57	23 23	0 6	19 51	0 42	12 2	0 30	16 6
F 4	21 59	5s18	4 41	16 0	0 4	21 41	1 16	23 37	0 57	23 23	0 6	19 52	0 42	12 2	0 30	16 6
S 5	21 51	10 26	5 5	15 28	0s 7	21 50	1 13	23 32	0 58	23 23	0 6	19 53	0 42	12 3	0 30	16 5
S 6	21 42	15 8	5 16	14 57	0 17	21 58	1 10	23 28	0 58	23 22	0 6	19 54	0 42	12 3	0 30	16 4
M 7	21 32	19 16	5 13	14 26	0 28	22 6	1 8	23 23	0 58	23 22	0 6	19 55	0 42	12 4	0 30	16 4
T 8	21 22	22 38	4 57	13 55	0 39	22 13	1 5	23 19	0 59	23 22	0 6	19 56	0 42	12 4	0 30	16 3
W 9	21 12	25 4	4 28	13 24	0 50	22 19	1 2	23 14	0 59	23 22	0 6	19 57	0 42	12 4	0 30	16 2
T 10	21 2	26 22	3 46	12 54	1 2	22 25	0 59	23 9	0 59	23 21	0 5	19 59	0 42	12 5	0 30	16 2
F 11	20 51	26 22	2 53	12 25	1 14	22 31	0 57	23 4	0 59	23 21	0 5	20 0	0 42	12 5	0 30	16 1
S 12	20 39	24 59	1 50	11 56	1 25	22 35	0 54	22 58	1 0	23 21	0 5	20 1	0 43	12 5	0 30	16 1
S 13	20 28	22 15	0 40	11 28	1 38	22 39	0 51	22 53	1 0	23 20	0 5	20 2	0 43	12 6	0 30	16 0
M14	20 16	18 17	0n33	11 2	1 50	22 43	0 48	22 47	1 0	23 20	0 5	20 3	0 43	12 6	0 30	15 59
T 15	20 4	13 19	1 46	10 36	2 2	22 45	0 45	22 41	1 1	23 19	0 5	20 4	0 43	12 6	0 30	15 59
W16	19 51	7 37	2 54	10 11	2 14	22 48	0 42	22 35	1 1	23 19	0 5	20 5	0 43	12 6	0 30	15 58
T 17	19 38	1 28	3 53	9 47	2 27	22 49	0 40	22 28	1 1	23 18	0 5	20 7	0 43	12 6	0 30	15 57
F 18	19 25	4n48	4 38	9 25	2 39	22 50	0 37	22 22	1 2	23 18	0 5	20 8	0 43	12 7	0 30	15 57
S 19	19 11	10 52	5 7	9 4	2 51	22 50	0 34	22 15	1 2	23 17	0 5	20 9	0 43	12 7	0 30	15 56
S 20	18 57	16 22	5 17	8 46	3 3	22 50	0 31	22 9	1 2	23 17	0 4	20 10	0 43	12 7	0 30	15 55
M21	18 43	20 59	5 7	8 28	3 15	22 49	0 28	22 2	1 3	23 16	0 4	20 11	0 43	12 7	0 30	15 55
T 22	18 29	24 22	4 39	8 13	3 27	22 47	0 25	21 55	1 3	23 16	0 4	20 12	0 43	12 7	0 30	15 54
W23	18 14	26 13	3 54	8 0	3 38	22 44	0 22	21 47	1 3	23 15	0 4	20 13	0 44	12 7	0 30	15 53
T 24	17 59	26 24	2 56	7 49	3 49	22 41	0 19	21 40	1 3	23 15	0 4	20 14	0 44	12 8	0 30	15 53
F 25	17 43	24 55	1 48	7 41	3 59	22 38	0 16	21 32	1 4	23 14	0 4	20 16	0 44	12 8	0 31	15 52
S 26	17 27	21 58	0 35	7 35	4 8	22 33	0 14	21 25	1 4	23 13	0 4	20 17	0 44	12 8	0 31	15 51
S 27	17 11	17 53	0s39	7 32	4 17	22 28	0 11	21 17	1 4	23 13	0 4	20 18	0 44	12 8	0 31	15 51
M28	16 55	13 0	1 50	7 32	4 24	22 22	0 8	21 9	1 4	23 12	0 4	20 19	0 44	12 8	0 31	15 50
T 29	16 38	7 39	2 53	7 34	4 31	22 16	0 5	21 1	1 5	23 12	0 4	20 20	0 44	12 8	0 31	15 49
W30	16 22	2 6	3 47	7 40	4 36	22 9	0 2	20 52	1 5	23 11	0 4	20 21	0 44	12 8	0 31	15 49
T 31	16n 4	3s25	4s28	7n48	4s40	22n 2	0n 1	20n44	1n 5	23n10	0s 3	20s22	0s44	12n 8	0s31	15n48

Julian Day Number = 2244277.5, Delta T = 07m00s  
Ecliptic obliquity = 23°30'51", Nutation = 0°00'16", out-of-bounds declination in red  
Ayanamsha: Fagan/Bradley = 16°49'24", Lahiri = 15°56'24" Julian Calendar 1 July 1432 == Greg. Calendar 10 July 1432



ASTRODIENST EPHEMERIS for the year 1432  
geocentric

AUGUST 1432 JC

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	21 13 29	17♌ 1'12	10♊28	27°R24	21♊14	3♌ 7	8♊55	2°R29	3°R10	18♌13	10♊19	29°R56	29♊ 4	6♌11	19°R58	F 1
S 2	21 17 25	17°58'57	22°29	26♌40	22°26	3°45	9° 7	2♊25	3♌10	18°15	10°20	29♊54	29° 1	6°18	19°R56	S 2
S 3	21 21 22	18°56'43	4♌23	25°52	23°39	4°23	9°19	2°21	3°10	18°17	10°21	29°52	28°58	6°24	19°54	S 3
M 4	21 25 19	19°54'31	16°16	25° 2	24°52	5° 2	9°31	2°16	3°10	18°20	10°22	29°D52	28°55	6°31	19°51	M 4
T 5	21 29 15	20°52'19	28°12	24° 9	26° 5	5°40	9°43	2°12	3°10	18°22	10°24	29°52	28°51	6°38	19°49	T 5
W 6	21 33 12	21°50'09	10♊15	23°16	27°18	6°18	9°54	2° 8	3° 9	18°24	10°25	29°53	28°48	6°44	19°47	W 6
T 7	21 37 8	22°48'00	22°30	22°22	28°31	6°57	10° 6	2° 4	3° 9	18°26	10°26	29°54	28°45	6°51	19°44	T 7
F 8	21 41 5	23°45'53	5♊ 1	21°30	29°44	7°35	10°18	2° 0	3° 9	18°28	10°27	29°56	28°42	6°58	19°42	F 8
S 9	21 45 1	24°43'47	17°51	20°40	0♌57	8°13	10°29	1°56	3° 8	18°31	10°28	29°57	28°39	7° 5	19°39	S 9
S 10	21 48 58	25°41'42	1♊ 3	19°53	2°10	8°51	10°40	1°52	3° 8	18°33	10°30	29°R58	28°36	7°11	19°37	S 10
M 11	21 52 54	26°39'38	14°38	19°11	3°24	9°30	10°52	1°49	3° 7	18°35	10°31	29°57	28°32	7°18	19°34	M 11
T 12	21 56 51	27°37'36	28°33	18°34	4°37	10° 8	11° 3	1°45	3° 7	18°37	10°32	29°55	28°29	7°25	19°32	T 12
W 13	22 0 48	28°35'36	12♊46	18° 4	5°50	10°46	11°14	1°41	3° 6	18°39	10°33	29°52	28°26	7°32	19°29	W 13
T 14	22 4 44	29°33'37	27°12	17°40	7° 3	11°24	11°25	1°37	3° 5	18°42	10°34	29°47	28°23	7°38	19°27	T 14
F 15	22 8 41	0♌31'40	11°Y45	17°24	8°17	12° 2	11°36	1°34	3° 5	18°44	10°35	29°43	28°20	7°45	19°24	F 15
S 16	22 12 37	1°29'45	26°18	17°D16	9°30	12°40	11°47	1°30	3° 4	18°46	10°36	29°39	28°16	7°52	19°21	S 16
S 17	22 16 34	2°27'52	10♊46	17°17	10°44	13°19	11°58	1°27	3° 3	18°48	10°37	29°36	28°13	7°58	19°19	S 17
M 18	22 20 30	3°26'01	25° 5	17°26	11°57	13°57	12° 9	1°23	3° 2	18°50	10°38	29°35	28°10	8° 5	19°16	M 18
T 19	22 24 27	4°24'13	9♌11	17°44	13°11	14°35	12°19	1°20	3° 1	18°53	10°39	29°D34	28° 7	8°12	19°13	T 19
W 20	22 28 23	5°22'26	23° 4	18°10	14°25	15°13	12°30	1°16	3° 0	18°55	10°40	29°35	28° 4	8°19	19°11	W 20
T 21	22 32 20	6°20'41	6♊44	18°45	15°38	15°51	12°40	1°13	2°59	18°57	10°41	29°37	28° 1	8°25	19° 8	T 21
F 22	22 36 17	7°18'59	20°10	19°29	16°52	16°29	12°51	1°10	2°58	18°59	10°42	29°38	27°57	8°32	19° 5	F 22
S 23	22 40 13	8°17'18	3♌23	20°20	18° 6	17° 7	13° 1	1° 7	2°57	19° 1	10°43	29°R38	27°54	8°39	19° 2	S 23
S 24	22 44 10	9°15'40	16°24	21°19	19°20	17°45	13°11	1° 4	2°56	19° 3	10°44	29°37	27°51	8°45	19° 0	S 24
M 25	22 48 6	10°14'03	29°13	22°25	20°34	18°23	13°21	1° 1	2°55	19° 5	10°45	29°34	27°48	8°52	18°57	M 25
T 26	22 52 3	11°12'28	11♌50	23°37	21°47	19° 1	13°31	0°58	2°53	19° 7	10°46	29°28	27°45	8°59	18°54	T 26
W 27	22 55 59	12°10'55	24°17	24°56	23° 1	19°39	13°41	0°55	2°52	19°10	10°47	29°21	27°41	9° 6	18°51	W 27
T 28	22 59 56	13° 9'24	6♊32	26°20	24°15	20°17	13°51	0°52	2°51	19°12	10°48	29°13	27°38	9°12	18°49	T 28
F 29	23 3 52	14° 7'55	18°38	27°49	25°30	20°55	14° 1	0°50	2°50	19°14	10°48	29° 5	27°35	9°19	18°46	F 29
S 30	23 7 49	15° 6'27	0♌36	29°22	26°44	21°33	14°10	0°47	2°48	19°16	10°49	28°57	27°32	9°26	18°43	S 30
S 31	23 11 45	16♌ 5'01	12♌28	0♌59	27♌58	22♌10	14♊20	0♊45	2♌47	19♌18	10♊50	28♊51	27♊29	9♌33	18°R40	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	15n47	8s42	4s57	8n 0	4s42	21n53	0n 3	20n35	1n 6	23n 9	0s 3	20s23	0s44	12n 8	0s31	15n47	0n23	22n 9	0s58	20s14	20s25	18s26	0n 3	4n23			
S 2	15 29	13 36	5 12	8 14	4 43	21 44	0 6	20 26	1 6	23 9	0 3	20 24	0 44	12 8	0 31	15 47	0 23	22 9	0 58	20 14	20 25	18 28	0 2	4 23			
S 3	15 11	17 56	5 14	8 31	4 41	21 35	0 9	20 18	1 6	23 8	0 3	20 25	0 44	12 8	0 31	15 46	0 23	22 9	0 58	20 14	20 26	18 30	0 1	4 23			
M 4	14 53	21 34	5 2	8 51	4 38	21 25	0 12	20 8	1 6	23 7	0 3	20 26	0 44	12 8	0 31	15 45	0 23	22 9	0 58	20 15	20 27	18 33	0 0	4 23			
T 5	14 35	24 19	4 37	9 13	4 33	21 14	0 14	19 59	1 7	23 7	0 3	20 27	0 44	12 7	0 31	15 45	0 23	22 9	0 58	20 15	20 27	18 35	0s 0	4 23			
W 6	14 16	26 1	4 0	9 37	4 27	21 3	0 17	19 50	1 7	23 6	0 3	20 28	0 44	12 7	0 31	15 44	0 23	22 9	0 58	20 14	20 28	18 37	0 1	4 23			
T 7	13 58	26 29	3 12	10 2	4 18	20 51	0 20	19 41	1 7	23 5	0 3	20 29	0 45	12 7	0 31	15 43	0 23	22 9	0 57	20 14	20 28	18 39	0 2	4 24			
F 8	13 38	25 38	2 13	10 29	4 7	20 38	0 22	19 31	1 7	23 4	0 3	20 30	0 45	12 7	0 31	15 42	0 23	22 9	0 57	20 14	20 29	18 41	0 3	4 24			
S 9	13 19	23 25	1 6	10 56	3 55	20 25	0 25	19 21	1 8	23 3	0 3	20 31	0 45	12 7	0 31	15 42	0 23	22 9	0 57	20 13	20 30	18 43	0 4	4 24			
S 10	13 0	19 53	0n 6	11 24	3 41	20 11	0 27	19 11	1 8	23 3	0 2	20 32	0 45	12 7	0 31	15 41	0 23	22 9	0 57	20 13	20 30	18 45	0 5	4 24			
M 11	12 40	15 14	1 20	11 51	3 26	19 56	0 30	19 2	1 8	23 2	0 2	20 33	0 45	12 7	0 31	15 40	0 23	22 9	0 57	20 14	20 31	18 47	0 6	4 24			
T 12	12 20	9 40	2 30	12 18	3 10	19 42	0 32	18 51	1 8	23 1	0 2	20 34	0 45	12 6	0 31	15 40	0 23	22 9	0 57	20 14	20 32	18 50	0 7	4 24			
W 13	12 0	3 31	3 33	12 44	2 52	19 26	0 35	18 41	1 9	23 0	0 2	20 35	0 45	12 6	0 31	15 39	0 23	22 9	0 57	20 15	20 32	18 52	0 8	4 24			
T 14	11 40	2n54	4 23	13 8	2 34	19 10	0 37	18 31	1 9	22 59	0 2	20 35	0 45	12 6	0 31	15 38	0 23	22 9	0 57	20 15	20 33	18 54	0 9	4 24			
F 15	11 19	9 12	4 57	13 31	2 16	18 53	0 39	18 20	1 9	22 58	0 2	20 36	0 45	12 6	0 31	15 38	0 23	22 9	0 57	20 16	20 34	18 56	0 10	4 24			
S 16	10 59	15 0	5 11	13 51	1 57	18 36	0 42	18 10	1 9	22 58	0 2	20 37	0 45	12 5	0 31	15 37	0 23	22 8	0 57	20 17	20 34	18 58	0 11	4 24			
S 17	10 38	19 56	5 6	14 9	1 38	18 18	0 44	17 59	1 9	22 57	0 2	20 38	0 45	12 5	0 31	15 36	0 23	22 8	0 57	20 18	20 35	19 0	0 12	4 24			
M 18	10 17	23 39	4 42	14 24	1 20	18 0	0 46	17 48	1 10	22 56	0 2	20 39	0 45	12 5	0 31	15 36	0 23	22 8	0 57	20 18	20 36	19 2	0 13	4 24			
T 19	9 56	25 51	4 1	14 35	1 1	17 41	0 48	17 37	1 10	22 55	0 2	20 40	0 45	12 4	0 31	15 35	0 24	22 8	0 57	20 18	20 36	19 4	0 14	4 24			
W 20	9 34	26 26	3 6	14 44	0 44	17 22	0 51	17 26	1 10	22 54	0 1	20 40	0 45	12 4	0 31	15 34	0 24	22 8	0 57	20 18	20 37	19 6	0 15	4 24			
T 21	9 13	25 22	2 1	14 50	0 27	17 2	0 53	17 15	1 10	22 53	0 1	20 41	0 45	12 4	0 31	15 34	0 24	22 8	0 57	20 18	20 37	19 8	0 16	4 24			
F 22	8 51	22 50	0 51	14 52	0 10	16 42	0 55	17 4	1 11	22 52	0 1	20 42	0 45	12 3	0 31	15 33	0 24	22 8	0 57	20 17	20 38	19 10	0 17	4 24			
S 23	8 29	19 8	0s20	14 50	0n 5	16 21	0 57	16 53	1 11	22 51	0 1	20 43	0 45	12 3	0 31	15 32	0 24	22 8	0 57	20 17	20 39	19 12	0 18	4 24			
S 24	8 7	14 33	1 30	14 45	0 20	16 0	0 59	16 41	1 11	22 50	0 1	20 43	0 45	12 2	0 31	15 32	0 24	22 8	0 57	20 18	20 39	19 15	0 19	4 24			
M 25	7 45	9 23	2 33	14 37	0 33	15 38	1 0	16 30	1 11	22 50	0 1	20 44	0 45	12 2	0 31	15 31	0 24	22 8	0 57	20 18	20 40	19 17	0 20	4 24			
T 26	7 23	3 56	3 28	14 24	0 46	15 16	1 2	16 18	1 11	22 49	0 1	20 45	0 45	12 2	0 31	15 31	0 24	22 8	0 57	20 19	20 41	19 19	0 22	4 24			
W 27	7 1	1s35	4 12	14 9	0 57	14 54	1 4	16 6	1 12	22 48	0 1	20 45	0 45	12 1	0 31	15 30	0 24	22 8	0 57	20 21	20 41	19 21	0 23	4 24			
T 28	6 38	6 57	4 44	13 50	1 7	14 31	1 6	15 54	1 12	22 47	0 1	20 46	0 45	12 1	0 31	15 29	0 24	22 8	0 57	20 23	20 42	19 23	0 24	4 24			
F 29	6 16	11 59	5 2	13 28	1 16	14 7	1 7	15 42	1 12	22 46	0 0	20 46	0 45	12 0	0 31	15 29	0 24	22 8	0 57	20 24	20 43	19 25	0 25	4 24			
S 30	5 53	16 30	5 7	13 3	1 24	13 43	1 9	15 30	1 12	22 45	0 0	20 47	0 45	12 0	0 31	15 28	0 24	22 8	0 57	20 26	20 43	19 27	0 26	4 24			
S 31	5n30	20s22	4s59	12n35	1n31	13n19	1n10	15n18	1n12	22n44	0s 0	20s48	0s45	11n59	0s31	15n27	0n24	22n 8	0s56	20s27	20s44	19s29	0s27	4n24			

# ASTRODIENST EPHEMERIS for the year 1432

## geocentric

SEPTEMBER 1432 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	23 15 42	17° 3' 37"	24° 19'	2° 39'	29° 12'	22° 48'	14° 29'	0° 42'	2° 45'	19° 20'	10° 51'	28° 46'	27° 26'	9° 39'	18° 37'	M 1
T 2	23 19 39	18° 2' 15"	6° 12'	4° 22'	0° 26'	23° 26'	14° 38'	0° 40'	2° 44'	19° 22'	10° 52'	28° 43'	27° 22'	9° 46'	18° 35'	T 2
W 3	23 23 35	19° 0' 55"	18° 12'	6° 7'	1° 40'	24° 4'	14° 47'	0° 38'	2° 42'	19° 24'	10° 52'	28° 42'	27° 19'	9° 53'	18° 32'	W 3
T 4	23 27 32	19° 59' 36"	0° 32'	7° 53'	2° 55'	24° 42'	14° 56'	0° 36'	2° 41'	19° 26'	10° 53'	28° 43'	27° 16'	9° 59'	18° 29'	T 4
F 5	23 31 28	20° 58' 19"	12° 53'	9° 41'	4° 9'	25° 20'	15° 5'	0° 34'	2° 39'	19° 28'	10° 54'	28° 44'	27° 13'	10° 6'	18° 26'	F 5
S 6	23 35 25	21° 57' 04"	25° 43'	11° 30'	5° 23'	25° 57'	15° 14'	0° 32'	2° 37'	19° 30'	10° 54'	28° 45'	27° 10'	10° 13'	18° 23'	S 6
S 7	23 39 21	22° 55' 50"	8° 59'	13° 19'	6° 38'	26° 35'	15° 22'	0° 30'	2° 35'	19° 32'	10° 55'	28° 44'	27° 7'	10° 20'	18° 20'	S 7
M 8	23 43 18	23° 54' 38"	22° 41'	15° 9'	7° 52'	27° 13'	15° 31'	0° 28'	2° 34'	19° 34'	10° 55'	28° 42'	27° 3'	10° 26'	18° 18'	M 8
T 9	23 47 14	24° 53' 28"	6° 51'	16° 59'	9° 6'	27° 51'	15° 39'	0° 26'	2° 32'	19° 35'	10° 56'	28° 37'	27° 0'	10° 33'	18° 15'	T 9
W10	23 51 11	25° 52' 20"	21° 24'	18° 49'	10° 21'	28° 28'	15° 47'	0° 25'	2° 30'	19° 37'	10° 57'	28° 30'	26° 57'	10° 40'	18° 12'	W10
T 11	23 55 8	26° 51' 14"	6° 14'	20° 39'	11° 35'	29° 6'	15° 56'	0° 23'	2° 28'	19° 39'	10° 57'	28° 22'	26° 54'	10° 46'	18° 9'	T 11
F 12	23 59 4	27° 50' 10"	21° 14'	22° 28'	12° 50'	29° 44'	16° 4'	0° 22'	2° 26'	19° 41'	10° 58'	28° 12'	26° 51'	10° 53'	18° 7'	F 12
S 13	0 3 1	28° 49' 08"	6° 12'	24° 17'	14° 5'	0° 21'	16° 11'	0° 20'	2° 24'	19° 43'	10° 58'	28° 4'	26° 47'	11° 0'	18° 4'	S 13
S 14	0 6 57	29° 48' 08"	21° 2'	26° 6'	15° 19'	0° 59'	16° 19'	0° 19'	2° 23'	19° 45'	10° 59'	27° 57'	26° 44'	11° 7'	18° 1'	S 14
M15	0 10 54	0° 47' 11"	5° 35'	27° 54'	16° 34'	1° 37'	16° 27'	0° 18'	2° 21'	19° 47'	10° 59'	27° 52'	26° 41'	11° 13'	17° 58'	M15
T 16	0 14 50	1° 46' 16"	19° 48'	29° 41'	17° 49'	2° 14'	16° 34'	0° 17'	2° 19'	19° 48'	10° 59'	27° 49'	26° 38'	11° 20'	17° 56'	T 16
W17	0 18 47	2° 45' 24"	3° 39'	1° 27'	19° 3'	2° 52'	16° 41'	0° 16'	2° 17'	19° 50'	11° 0'	27° 49'	26° 35'	11° 27'	17° 53'	W17
T 18	0 22 43	3° 44' 34"	17° 10'	3° 13'	20° 18'	3° 30'	16° 49'	0° 15'	2° 14'	19° 52'	11° 0'	27° 49'	26° 32'	11° 33'	17° 50'	T 18
F 19	0 26 40	4° 43' 46"	0° 21'	4° 58'	21° 33'	4° 7'	16° 56'	0° 15'	2° 12'	19° 53'	11° 1'	27° 49'	26° 28'	11° 40'	17° 48'	F 19
S 20	0 30 37	5° 43' 01"	13° 17'	6° 42'	22° 48'	4° 45'	17° 2'	0° 14'	2° 10'	19° 55'	11° 1'	27° 48'	26° 25'	11° 47'	17° 45'	S 20
S 21	0 34 33	6° 42' 18"	25° 59'	8° 25'	24° 2'	5° 22'	17° 9'	0° 13'	2° 8'	19° 57'	11° 1'	27° 45'	26° 22'	11° 54'	17° 42'	S 21
M22	0 38 30	7° 41' 37"	8° 30'	10° 8'	25° 17'	6° 0'	17° 16'	0° 13'	2° 6'	19° 58'	11° 2'	27° 39'	26° 19'	12° 0'	17° 40'	M22
T 23	0 42 26	8° 40' 58"	20° 52'	11° 50'	26° 32'	6° 38'	17° 22'	0° 13'	2° 4'	20° 0'	11° 2'	27° 30'	26° 16'	12° 7'	17° 37'	T 23
W24	0 46 23	9° 40' 21"	3° 5'	13° 31'	27° 47'	7° 15'	17° 28'	0° 12'	2° 2'	20° 2'	11° 2'	27° 18'	26° 12'	12° 14'	17° 35'	W24
T 25	0 50 19	10° 39' 47"	15° 11'	15° 12'	29° 2'	7° 53'	17° 34'	0° 12'	1° 59'	20° 3'	11° 2'	27° 5'	26° 9'	12° 20'	17° 32'	T 25
F 26	0 54 16	11° 39' 14"	27° 10'	16° 51'	0° 17'	8° 30'	17° 40'	0° 12'	1° 57'	20° 5'	11° 2'	26° 51'	26° 6'	12° 27'	17° 30'	F 26
S 27	0 58 12	12° 38' 44"	9° 4'	18° 30'	1° 32'	9° 8'	17° 46'	0° 12'	1° 55'	20° 6'	11° 3'	26° 38'	26° 3'	12° 34'	17° 27'	S 27
S 28	1 2 9	13° 38' 15"	20° 55'	20° 8'	2° 47'	9° 45'	17° 52'	0° 12'	1° 52'	20° 8'	11° 3'	26° 26'	26° 0'	12° 41'	17° 25'	S 28
M29	1 6 6	14° 37' 49"	2° 45'	21° 46'	4° 2'	10° 22'	17° 57'	0° 13'	1° 50'	20° 9'	11° 3'	26° 17'	25° 57'	12° 47'	17° 22'	M29
T 30	1 10 2	15° 37' 24"	14° 37'	23° 23'	5° 17'	11° 0'	18° 2'	0° 13'	1° 48'	20° 11'	11° 3'	26° 10'	25° 53'	12° 54'	17° 20'	T 30

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
M 1	5n 8	23s24	4s38	12n 4	1n37	12n55	1n12	15n 6	1n13	22n43	0s 0	20s48	0s46	11n59	0s31	15n27
T 2	4 45	25 25	4 4	11 31	1 41	12 30	1 13	14 54	1 13	22 42	0 0	20 49	0 46	11 58	0 31	15 26
W 3	4 22	26 19	3 20	10 56	1 45	12 5	1 15	14 41	1 13	22 42	0n 0	20 49	0 46	11 58	0 31	15 26
T 4	3 59	25 57	2 26	10 18	1 48	11 39	1 16	14 29	1 13	22 41	0 0	20 50	0 46	11 57	0 31	15 25
F 5	3 35	24 17	1 24	9 39	1 50	11 13	1 17	14 16	1 13	22 40	0 0	20 50	0 46	11 56	0 31	15 24
S 6	3 12	21 20	0 16	8 59	1 51	10 47	1 18	14 4	1 14	22 39	0 0	20 51	0 46	11 56	0 31	15 24
S 7	2 49	17 11	0n55	8 17	1 51	10 20	1 19	13 51	1 14	22 38	0 0	20 51	0 46	11 55	0 31	15 23
M 8	2 26	12 2	2 5	7 34	1 51	9 53	1 20	13 38	1 14	22 37	0 1	20 51	0 46	11 55	0 31	15 23
T 9	2 2	6 6	3 9	6 50	1 50	9 26	1 21	13 25	1 14	22 36	0 1	20 52	0 46	11 54	0 31	15 22
W10	1 39	0n18	4 3	6 5	1 48	8 59	1 22	13 12	1 14	22 35	0 1	20 52	0 46	11 53	0 31	15 21
T 11	1 15	6 48	4 42	5 20	1 46	8 31	1 23	12 59	1 14	22 35	0 1	20 53	0 46	11 53	0 31	15 21
F 12	0 52	12 58	5 2	4 34	1 43	8 3	1 24	12 46	1 15	22 34	0 1	20 53	0 46	11 52	0 31	15 20
S 13	0 28	18 21	5 1	3 48	1 40	7 35	1 25	12 33	1 15	22 33	0 1	20 53	0 46	11 51	0 31	15 20
S 14	0 5	22 34	4 40	3 1	1 36	7 7	1 25	12 19	1 15	22 32	0 1	20 53	0 46	11 51	0 31	15 19
M15	0s19	25 15	4 1	2 14	1 32	6 38	1 26	12 6	1 15	22 31	0 1	20 54	0 46	11 50	0 31	15 19
T 16	0 42	26 15	3 8	1 28	1 27	6 9	1 26	11 53	1 15	22 30	0 2	20 54	0 46	11 49	0 31	15 18
W17	1 6	25 33	2 5	0 41	1 22	5 40	1 27	11 39	1 15	22 30	0 2	20 54	0 46	11 49	0 31	15 18
T 18	1 30	23 21	0 56	0s 6	1 17	5 11	1 27	11 26	1 16	22 29	0 2	20 54	0 46	11 48	0 31	15 17
F 19	1 53	19 55	0s13	0 53	1 12	4 42	1 27	11 12	1 16	22 28	0 2	20 54	0 46	11 47	0 31	15 16
S 20	2 17	15 35	1 21	1 39	1 6	4 13	1 28	10 59	1 16	22 27	0 2	20 55	0 46	11 47	0 31	15 16
S 21	2 40	10 39	2 24	2 25	1 0	3 43	1 28	10 45	1 16	22 27	0 2	20 55	0 46	11 46	0 31	15 15
M22	3 4	5 21	3 18	3 11	0 54	3 13	1 28	10 31	1 16	22 26	0 2	20 55	0 46	11 45	0 31	15 15
T 23	3 27	0s 4	4 2	3 57	0 48	2 43	1 28	10 17	1 16	22 25	0 2	20 55	0 46	11 44	0 31	15 14
W24	3 51	5 25	4 34	4 42	0 42	2 14	1 28	10 3	1 16	22 25	0 2	20 55	0 46	11 43	0 31	15 14
T 25	4 14	10 31	4 54	5 27	0 36	1 44	1 28	9 49	1 17	22 24	0 3	20 55	0 46	11 43	0 31	15 14
F 26	4 37	15 9	5 0	6 12	0 29	1 13	1 27	9 36	1 17	22 23	0 3	20 55	0 46	11 42	0 31	15 13
S 27	5 1	19 11	4 53	6 56	0 22	0 43	1 27	9 22	1 17	22 23	0 3	20 55	0 46	11 41	0 31	15 13
S 28	5 24	22 26	4 34	7 39	0 16	0 13	1 27	9 7	1 17	22 22	0 3	20 55	0 46	11 40	0 31	15 12
M29	5 47	24 44	4 2	8 22	0 9	0s17	1 27	8 53	1 17	22 21	0 3	20 55	0 46	11 40	0 31	15 12
T 30	6s10	25s56	3s20	9s 5	0n 2	0s47	1n26	8n39	1n17	22n21	0n 3	20s55	0s46	11n39	0s31	15n11

Julian Day Number = 2244339.5, Delta T = 07m00s

Ecliptic obliquity = 23°30'51", Nutation = 0°00'15", out-of-bounds declination in red

Ayanamsha: Fagan/Bradley = 16°49'32", Lahiri = 15°56'33" Julian Calendar 1 Sept. 1432 == Greg. Calendar 10 Sept. 1432

## ASTRODIENST EPHEMERIS for the year 1432

geocentric

OCTOBER 1432 JC

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	1 13 59	16♂37'01	26♂34	24♂59	6♂32	11♂37	18♂8	0♂14	1°R45	20♂12	11♂3	26°R 7	25♂50	13♂1	17°R17	W 1
T 2	1 17 55	17°36'40	8♂42	26°35	7°47	12°15	18°12	0°14	1♂43	20°14	11° 3	26♂5	25°47	13° 8	17♂15	T 2
F 3	1 21 52	18°36'21	21° 6	28°10	9° 2	12°52	18°17	0°15	1°41	20°15	11°R 3	26° 5	25°44	13°14	17°13	F 3
S 4	1 25 48	19°36'03	3♂51	29°44	10°17	13°29	18°22	0°16	1°38	20°16	11° 3	26° 5	25°41	13°21	17°11	S 4
S 5	1 29 45	20°35'47	17° 1	1♂18	11°33	14° 7	18°26	0°17	1°36	20°18	11° 3	26° 4	25°38	13°28	17° 8	S 5
M 6	1 33 41	21°35'33	0♂41	2°51	12°48	14°44	18°31	0°18	1°33	20°19	11° 3	26° 0	25°34	13°34	17° 6	M 6
T 7	1 37 38	22°35'20	14°50	4°24	14° 3	15°21	18°35	0°19	1°31	20°20	11° 3	25°55	25°31	13°41	17° 4	T 7
W 8	1 41 35	23°35'10	29°29	5°56	15°18	15°59	18°39	0°20	1°29	20°21	11° 3	25°46	25°28	13°48	17° 2	W 8
T 9	1 45 31	24°35'01	14°Y30	7°28	16°33	16°36	18°42	0°21	1°26	20°22	11° 3	25°35	25°25	13°55	17° 0	T 9
F 10	1 49 28	25°34'54	29°45	8°59	17°48	17°13	18°46	0°23	1°24	20°24	11° 2	25°24	25°22	14° 1	16°58	F 10
S 11	1 53 24	26°34'49	15♂3	10°29	19° 4	17°51	18°49	0°24	1°21	20°25	11° 2	25°13	25°18	14° 8	16°56	S 11
S 12	1 57 21	27°34'46	0♂13	11°59	20°19	18°28	18°52	0°26	1°19	20°26	11° 2	25° 3	25°15	14°15	16°54	S 12
M13	2 1 17	28°34'45	15° 5	13°29	21°34	19° 5	18°55	0°27	1°16	20°27	11° 2	24°57	25°12	14°21	16°52	M13
T 14	2 5 14	29°34'47	29°32	14°58	22°49	19°42	18°58	0°29	1°14	20°28	11° 1	24°53	25° 9	14°28	16°50	T 14
W15	2 9 10	0♂34'51	13♂32	16°26	24° 5	20°19	19° 1	0°31	1°11	20°29	11° 1	24°51	25° 6	14°35	16°48	W15
T 16	2 13 7	1°34'56	27° 6	17°54	25°20	20°57	19° 3	0°33	1° 9	20°30	11° 1	24°51	25° 3	14°42	16°46	T 16
F 17	2 17 4	2°35'04	10♂15	19°22	26°35	21°34	19° 6	0°35	1° 6	20°31	11° 1	24°51	24°59	14°48	16°45	F 17
S 18	2 21 0	3°35'14	23° 4	20°48	27°51	22°11	19° 8	0°37	1° 4	20°32	11° 0	24°49	24°56	14°55	16°43	S 18
S 19	2 24 57	4°35'26	5♂37	22°14	29° 6	22°48	19° 9	0°39	1° 1	20°33	11° 0	24°46	24°53	15° 2	16°41	S 19
M20	2 28 53	5°35'41	17°56	23°40	0♂21	23°25	19°11	0°42	0°59	20°34	10°59	24°40	24°50	15° 8	16°40	M20
T 21	2 32 50	6°35'57	0♂6	25° 5	1°37	24° 2	19°13	0°44	0°56	20°34	10°59	24°30	24°47	15°15	16°38	T 21
W22	2 36 46	7°36'15	12° 8	26°29	2°52	24°39	19°14	0°47	0°54	20°35	10°59	24°18	24°44	15°22	16°36	W22
T 23	2 40 43	8°36'35	24° 6	27°52	4° 8	25°16	19°15	0°50	0°52	20°36	10°58	24° 5	24°40	15°29	16°35	T 23
F 24	2 44 39	9°36'56	6♂0	29°14	5°23	25°53	19°16	0°52	0°49	20°37	10°58	23°50	24°37	15°35	16°34	F 24
S 25	2 48 36	10°37'20	17°52	0♂36	6°38	26°30	19°16	0°55	0°47	20°37	10°57	23°37	24°34	15°42	16°32	S 25
S 26	2 52 32	11°37'45	29°43	1°56	7°54	27° 7	19°17	0°58	0°44	20°38	10°57	23°24	24°31	15°49	16°31	S 26
M27	2 56 29	12°38'12	11♂34	3°15	9° 9	27°44	19°17	1° 1	0°42	20°39	10°56	23°14	24°28	15°55	16°30	M27
T 28	3 0 26	13°38'40	23°29	4°33	10°25	28°21	19°R17	1° 4	0°39	20°39	10°55	23° 8	24°24	16° 2	16°28	T 28
W29	3 4 22	14°39'10	5♂29	5°49	11°40	28°58	19°17	1° 7	0°37	20°40	10°55	23° 4	24°21	16° 9	16°27	W29
T 30	3 8 19	15°39'42	17°38	7° 4	12°55	29°35	19°17	1°11	0°35	20°40	10°54	23°D 2	24°18	16°16	16°26	T 30
F 31	3 12 15	16♂40'14	0♂0	8♂17	14♂11	0♂12	19♂16	1♂14	0♂32	20♂41	10♂54	23♂2	24♂15	16♂22	16♂25	F 31

Day	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
W 1	6s33	25s57	2s29	9s46	0s 5	1s18	1n26	8n25	1n17	22n20	0n 3	20s55	0s46	11n38	0s31	15n11
T 2	6 56	24 44	1 31	10 28	0 11	1 48	1 25	8 11	1 17	22 20	0 3	20 55	0 46	11 37	0 31	15 10
F 3	7 19	22 17	0 26	11 8	0 18	2 18	1 24	7 57	1 18	22 19	0 4	20 54	0 46	11 36	0 31	15 10
S 4	7 42	18 41	0n41	11 48	0 25	2 48	1 24	7 42	1 18	22 19	0 4	20 54	0 46	11 35	0 31	15 10
S 5	8 4	14 4	1 48	12 28	0 32	3 18	1 23	7 28	1 18	22 18	0 4	20 54	0 46	11 35	0 31	15 9
M 6	8 27	8 35	2 52	13 6	0 39	3 49	1 22	7 14	1 18	22 18	0 4	20 54	0 46	11 34	0 31	15 9
T 7	8 49	2 30	3 47	13 44	0 45	4 19	1 21	6 59	1 18	22 17	0 4	20 54	0 46	11 33	0 31	15 8
W 8	9 11	3n54	4 29	14 21	0 52	4 49	1 20	6 45	1 18	22 17	0 4	20 53	0 46	11 32	0 31	15 8
T 9	9 33	10 15	4 54	14 58	0 58	5 18	1 19	6 30	1 18	22 17	0 4	20 53	0 46	11 31	0 31	15 8
F 10	9 55	16 5	4 59	15 34	1 5	5 48	1 18	6 16	1 18	22 16	0 5	20 53	0 46	11 30	0 31	15 7
S 11	10 17	20 54	4 42	16 9	1 11	6 18	1 17	6 1	1 18	22 16	0 5	20 52	0 46	11 30	0 31	15 7
S 12	10 39	24 16	4 6	16 43	1 18	6 47	1 16	5 47	1 19	22 16	0 5	20 52	0 46	11 29	0 31	15 7
M13	11 0	25 53	3 13	17 16	1 24	7 17	1 15	5 32	1 19	22 15	0 5	20 52	0 46	11 28	0 31	15 6
T 14	11 22	25 40	2 9	17 48	1 30	7 46	1 13	5 18	1 19	22 15	0 5	20 51	0 46	11 27	0 31	15 6
W15	11 43	23 49	0 59	18 20	1 36	8 15	1 12	5 3	1 19	22 15	0 5	20 51	0 46	11 26	0 31	15 6
T 16	12 4	20 37	0s12	18 51	1 41	8 44	1 11	4 49	1 19	22 14	0 5	20 51	0 46	11 25	0 31	15 5
F 17	12 24	16 26	1 21	19 20	1 47	9 13	1 9	4 34	1 19	22 14	0 5	20 50	0 46	11 24	0 31	15 5
S 18	12 45	11 37	2 23	19 49	1 52	9 41	1 8	4 19	1 19	22 14	0 6	20 50	0 46	11 24	0 31	15 5
S 19	13 5	6 25	3 18	20 17	1 58	10 9	1 6	4 5	1 19	22 14	0 6	20 49	0 46	11 23	0 31	15 5
M20	13 26	1 5	4 2	20 43	2 2	10 38	1 5	3 50	1 19	22 14	0 6	20 49	0 46	11 22	0 31	15 4
T 21	13 46	4s13	4 34	21 9	2 7	11 5	1 3	3 35	1 19	22 14	0 6	20 48	0 46	11 21	0 31	15 4
W22	14 5	9 19	4 54	21 34	2 12	11 33	1 1	3 21	1 19	22 14	0 6	20 47	0 46	11 20	0 31	15 4
T 23	14 25	14 1	5 0	21 57	2 16	12 0	0 59	3 6	1 19	22 14	0 6	20 47	0 46	11 19	0 31	15 4
F 24	14 44	18 10	4 54	22 19	2 20	12 27	0 58	2 51	1 20	22 14	0 6	20 46	0 46	11 18	0 31	15 3
S 25	15 3	21 36	4 34	22 40	2 23	12 54	0 56	2 37	1 20	22 14	0 7	20 46	0 46	11 18	0 31	15 3
S 26	15 22	24 6	4 3	23 0	2 26	13 20	0 54	2 22	1 20	22 14	0 7	20 45	0 46	11 17	0 31	15 3
M27	15 41	25 34	3 21	23 19	2 29	13 46	0 52	2 7	1 20	22 14	0 7	20 44	0 46	11 16	0 31	15 3
T 28	15 59	25 51	2 30	23 36	2 31	14 12	0 50	1 53	1 20	22 14	0 7	20 44	0 46	11 15	0 31	15 3
W29	16 17	24 56	1 32	23 52	2 33	14 37	0 48	1 38	1 20	22 14	0 7	20 43	0 46	11 14	0 31	15 3
T 30	16 35	22 49	0 29	24 6	2 35	15 2	0 46	1 23	1 20	22 15	0 7	20 42	0 46	11 13	0 31	15 2
F 31	16s52	19s36	0n37	24s19	2s36	15s27	0n44	1n 8	1n20	22n15	0n 8	20s42	0s46	11n13	0s31	15n 2

Julian Day Number = 2244369.5, Delta T = 06m59s

Ecliptic obliquity = 23°30'51", Nutation = 0°00'14", out-of-bounds declination in red

Ayanamsha: Fagan/Bradley = 16°49'37", Lahiri = 15°56'37" Julian Calendar 1 Oct. 1432 == Greg. Calendar 10 Oct. 1432

## ASTRODIENST EPHEMERIS for the year 1432

geocentric

NOVEMBER 1432 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	3 16 12	17 <sup>m</sup> 40'48	12 <sup>m</sup> 41	9 <sup>m</sup> 27	15 <sup>m</sup> 26	0 <sup>m</sup> 49	19°R16	1 <sup>m</sup> 18	0°R30	20 <sup>m</sup> 41	10°R53	23°R 3	24 <sup>m</sup> 12	16 <sup>m</sup> 29	16°R24	S 1
S 2	3 20 8	18°41'23	25°44	10°36	16°42	1°26	19 <sup>m</sup> 15	1°21	0°R28	20°42	10 <sup>m</sup> 52	23 <sup>m</sup> 2	24° 9	16°36	16°R23	S 2
M 3	3 24 5	19°41'59	9 <sup>m</sup> 14	11°41	17°57	2° 3	19°14	1°25	0°25	20°42	10°51	23° 1	24° 5	16°42	16°22	M 3
T 4	3 28 1	20°42'36	23°13	12°44	19°13	2°39	19°12	1°29	0°23	20°43	10°51	22°57	24° 2	16°49	16°21	T 4
W 5	3 31 58	21°43'15	7 <sup>m</sup> 41	13°43	20°28	3°16	19°11	1°32	0°21	20°43	10°50	22°50	23°59	16°56	16°21	W 5
T 6	3 35 55	22°43'55	22°35	14°37	21°44	3°53	19° 9	1°36	0°19	20°43	10°49	22°42	23°56	17° 3	16°20	T 6
F 7	3 39 51	23°44'36	7 <sup>m</sup> 47	15°28	22°59	4°30	19° 7	1°40	0°16	20°43	10°48	22°33	23°53	17° 9	16°19	F 7
S 8	3 43 48	24°45'18	23° 8	16°13	24°14	5° 6	19° 5	1°44	0°14	20°44	10°48	22°23	23°50	17°16	16°19	S 8
S 9	3 47 44	25°46'02	8 <sup>m</sup> 25	16°52	25°30	5°43	19° 3	1°49	0°12	20°44	10°47	22°16	23°46	17°23	16°18	S 9
M10	3 51 41	26°46'47	23°28	17°25	26°45	6°20	19° 0	1°53	0°10	20°44	10°46	22°10	23°43	17°29	16°18	M10
T 11	3 55 37	27°47'34	8 <sup>m</sup> 9	17°51	28° 1	6°56	18°58	1°57	0° 8	20°44	10°45	22° 7	23°40	17°36	16°17	T 11
W12	3 59 34	28°48'22	22°23	18° 8	29°16	7°33	18°55	2° 2	0° 6	20°44	10°44	22°D 6	23°37	17°43	16°17	W12
T 13	4 3 31	29°49'11	6 <sup>m</sup> 9	18°R17	0 <sup>m</sup> 32	8° 9	18°52	2° 6	0° 4	20°44	10°43	22° 7	23°34	17°50	16°16	T 13
F 14	4 7 27	0 <sup>m</sup> 50'02	19°24	18°16	1°47	8°46	18°48	2°11	0° 2	20°R44	10°42	22° 8	23°30	17°56	16°16	F 14
S 15	4 11 24	1°50'55	2 <sup>m</sup> 17	18° 4	3° 3	9°23	18°45	2°15	29°Y59	20°44	10°41	22°R 9	23°27	18° 3	16°16	S 15
S 16	4 15 20	2°51'48	14°49	17°42	4°18	9°59	18°41	2°20	29°58	20°44	10°41	22° 8	23°24	18°10	16°16	S 16
M17	4 19 17	3°52'43	27° 5	17° 8	5°34	10°36	18°38	2°25	29°56	20°44	10°40	22° 5	23°21	18°16	16°16	M17
T 18	4 23 13	4°53'40	9 <sup>m</sup> 10	16°24	6°49	11°12	18°34	2°29	29°54	20°44	10°39	22° 0	23°18	18°23	16°D16	T 18
W19	4 27 10	5°54'37	21° 7	15°28	8° 5	11°48	18°29	2°34	29°52	20°44	10°38	21°53	23°15	18°30	16°16	W19
T 20	4 31 6	6°55'36	2 <sup>m</sup> 59	14°23	9°20	12°25	18°25	2°39	29°50	20°44	10°37	21°44	23°11	18°36	16°16	T 20
F 21	4 35 3	7°56'36	14°50	13°10	10°36	13° 1	18°20	2°44	29°48	20°43	10°36	21°35	23° 8	18°43	16°16	F 21
S 22	4 39 0	8°57'37	26°42	11°51	11°51	13°38	18°16	2°50	29°46	20°43	10°34	21°26	23° 5	18°50	16°16	S 22
S 23	4 42 56	9°58'39	8 <sup>m</sup> 35	10°29	13° 7	14°14	18°11	2°55	29°45	20°43	10°33	21°19	23° 2	18°57	16°16	S 23
M24	4 46 53	10°59'42	20°32	9° 6	14°22	14°50	18° 6	3° 0	29°43	20°43	10°32	21°13	22°59	19° 3	16°17	M24
T 25	4 50 49	12° 0'46	2 <sup>m</sup> 35	7°45	15°38	15°26	18° 1	3° 5	29°41	20°42	10°31	21° 9	22°56	19°10	16°17	T 25
W26	4 54 46	13° 1'50	14°44	6°30	16°53	16° 3	17°55	3°11	29°40	20°42	10°30	21° 7	22°52	19°17	16°17	W26
T 27	4 58 42	14° 2'55	27° 3	5°21	18° 9	16°39	17°50	3°16	29°38	20°41	10°29	21°D 7	22°49	19°23	16°18	T 27
F 28	5 2 39	15° 4'01	9 <sup>m</sup> 34	4°21	19°24	17°15	17°44	3°22	29°37	20°41	10°28	21° 8	22°46	19°30	16°18	F 28
S 29	5 6 35	16° 5'07	22°19	3°31	20°40	17°51	17°38	3°27	29°35	20°40	10°27	21°10	22°43	19°37	16°19	S 29
S 30	5 10 32	17 <sup>m</sup> 6'13	5 <sup>m</sup> 22	2 <sup>m</sup> 52	21 <sup>m</sup> 55	18 <sup>m</sup> 27	17 <sup>m</sup> 32	3 <sup>m</sup> 33	29°Y34	20 <sup>m</sup> 40	10 <sup>m</sup> 26	21 <sup>m</sup> 11	22 <sup>m</sup> 34	19 <sup>m</sup> 44	16 <sup>m</sup> 20	S 30

Day	☉	☾		♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
S 1	17s 9	15s25	1n43	24s30	2s36	15s51	0n42	0n54	1n20	22n15	0n 8	20s41	0s46	11n12	0s31	15n 2	0n25	22n10	0s54	21s32	21s20	21s22	1s31	4n12			
S 2	17 26	10 23	2 45	24 40	2 36	16 14	0 40	0 39	1 20	22 15	0 8	20 40	0 46	11 11	0 31	15 2	0 25	22 10	0 54	21 32	21 21	21 24	1 31	4 12			
M 3	17 43	4 44	3 40	24 49	2 35	16 38	0 38	0 25	1 20	22 16	0 8	20 39	0 46	11 10	0 31	15 2	0 25	22 10	0 54	21 33	21 22	21 26	1 32	4 11			
T 4	17 59	1n21	4 25	24 55	2 33	17 1	0 36	0 10	1 20	22 16	0 8	20 38	0 46	11 9	0 31	15 2	0 25	22 10	0 54	21 33	21 22	21 27	1 32	4 11			
W 5	18 15	7 33	4 54	25 0	2 30	17 23	0 33	0s 5	1 20	22 16	0 8	20 37	0 46	11 9	0 31	15 2	0 25	22 11	0 54	21 34	21 23	21 29	1 33	4 11			
T 6	18 31	13 31	5 4	25 4	2 27	17 45	0 31	0 19	1 20	22 17	0 8	20 37	0 46	11 8	0 31	15 2	0 25	22 11	0 54	21 36	21 23	21 31	1 34	4 11			
F 7	18 46	18 46	4 54	25 5	2 23	18 7	0 29	0 34	1 20	22 17	0 9	20 36	0 46	11 7	0 31	15 2	0 25	22 11	0 54	21 37	21 24	21 32	1 34	4 10			
S 8	19 1	22 50	4 22	25 5	2 17	18 28	0 27	0 48	1 20	22 18	0 9	20 35	0 46	11 6	0 31	15 2	0 25	22 11	0 54	21 39	21 24	21 34	1 35	4 10			
S 9	19 16	25 16	3 32	25 2	2 11	18 48	0 24	1 3	1 20	22 18	0 9	20 34	0 46	11 6	0 31	15 2	0 25	22 11	0 54	21 40	21 25	21 35	1 35	4 10			
M10	19 30	25 48	2 27	24 58	2 3	19 8	0 22	1 18	1 20	22 19	0 9	20 33	0 46	11 5	0 31	15 2	0 25	22 11	0 54	21 41	21 25	21 37	1 36	4 10			
T 11	19 44	24 30	1 14	24 51	1 54	19 27	0 20	1 32	1 20	22 19	0 9	20 32	0 46	11 4	0 31	15 2	0 25	22 11	0 54	21 41	21 26	21 39	1 36	4 9			
W12	19 57	21 37	0s 1	24 43	1 44	19 46	0 17	1 47	1 20	22 20	0 9	20 31	0 46	11 4	0 31	15 2	0 25	22 11	0 54	21 42	21 27	21 40	1 36	4 9			
T 13	20 11	17 36	1 15	24 32	1 32	20 5	0 15	2 1	1 20	22 20	0 10	20 30	0 46	11 3	0 31	15 2	0 25	22 11	0 53	21 42	21 27	21 42	1 37	4 9			
F 14	20 23	12 49	2 21	24 18	1 19	20 23	0 13	2 15	1 20	22 21	0 10	20 29	0 46	11 2	0 31	15 2	0 25	22 12	0 53	21 41	21 28	21 43	1 37	4 8			
S 15	20 36	7 36	3 19	24 3	1 4	20 40	0 10	2 30	1 20	22 22	0 10	20 28	0 46	11 1	0 31	15 2	0 25	22 12	0 53	21 41	21 28	21 45	1 38	4 8			
S 16	20 48	2 14	4 5	23 45	0 48	20 56	0 8	2 44	1 20	22 22	0 10	20 27	0 46	11 1	0 31	15 2	0 25	22 12	0 53	21 41	21 29	21 47	1 38	4 8			
M17	20 59	3s 6	4 39	23 24	0 31	21 12	0 6	2 59	1 20	22 23	0 10	20 26	0 46	11 0	0 31	15 2	0 25	22 12	0 53	21 42	21 29	21 48	1 38	4 8			
T 18	21 11	8 14	5 0	23 1	0 12	21 28	0 3	3 13	1 20	22 24	0 10	20 25	0 46	10 59	0 31	15 2	0 25	22 12	0 53	21 43	21 30	21 50	1 38	4 7			
W19	21 22	13 0	5 8	22 36	0n 7	21 43	0 1	3 27	1 20	22 24	0 10	20 24	0 46	10 59	0 31	15 2	0 26	22 12	0 53	21 44	21 30	21 51	1 39	4 7			
T 20	21 32	17 16	5 2	22 8	0 28	21 57	0s 2	3 41	1 20	22 25	0 11	20 22	0 46	10 58	0 31	15 2	0 26	22 12	0 53	21 45	21 31	21 53	1 39	4 7			
F 21	21 42	20 50	4 43	21 39	0 48	22 10	0 4	3 56	1 20	22 26	0 11	20 21	0 46	10 58	0 31	15 2	0 26	22 12	0 53	21 47	21 31	21 54	1 39	4 6			
S 22	21 52	23 34	4 12	21 9	1 8	22 23	0 6	4 10	1 20	22 27	0 11	20 20	0 46	10 57	0 31	15 2	0 26	22 13	0 53	21 48	21 32	21 56	1 39	4 6			
S 23	22 1	25 15	3 30	20 39	1 28	22 35	0 9	4 24	1 20	22 28	0 11	20 19	0 46	10 56	0 31	15 2	0 26	22 13	0 53	21 49	21 32	21 57	1 40	4 6			
M24	22 10	25 48	2 38	20 9	1 46	22 47	0 11	4 38	1 20	22 28	0 11	20 18	0 46	10 56	0 31	15 2	0 26	22 13	0 53	21 50	21 33	21 59	1 40	4 5			
T 25	22 18	25 8	1 39	19 40	2 2	22 58	0 13	4 52	1 20	22 29	0 11	20 16	0 46	10 55	0 31	15 2	0 26	22 13	0 53	21 51	21 34	22 0	1 40	4 5			
W26	22 26	23 16	0 35	19 13	2 16	23 8	0 16	5 6	1 20	22 30	0 12	20 15	0 46	10 55	0 31	15 3	0 26	22 13	0 53	21 51	21 34	22 2	1 40	4 5			
T 27	22 33	20 17	0n32	18 50	2 28	23 17	0 18	5 20	1 20	22 31	0 12	20 14	0 46	10 54	0 31	15 3	0 26	22 13	0 53	21 51	21 35	22 3	1 40	4 5			
F 28	22 40	16 19	1 39	18 29	2 28	23 26	0 21	5 34	1 20	22 32	0 12	20 13	0 46	10 54	0 30	15 3	0 26	22 13	0 53	21 51	21 35	22 5	1 40	4 4			
S 29	22 47	11 34	2 42	18 13	2 46	23 34	0 23	5 48	1 20	22 33	0 12	20 11	0 46	10 53	0 30	15 3	0 26	22 14	0 53	21 51	21 36	22 6	1 40	4 4			
S 30	22s53	6s11	3n38	18s 0	2n51	23s41	0s25	6s 1	1n20	22n34	0n12	20s10	0s46	10n53	0s30	15n 3	0n26	22n14	0s53	21s50	21s36	22s 8	1s40	4n			

## ASTRODIENST EPHEMERIS for the year 1432

geocentric

DECEMBER 1432 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	5 14 29	18° 7' 19"	18° 47'	2° R24	23° 11'	19° 3	17° R26	3° 39'	29° R32	20° R39	10° R25	21° R12	22° 36'	19° 50'	16° 20'	M 1
T 2	5 18 25	19° 8' 26"	2° 35'	2° 7'	24° 26'	19° 39'	17° 20'	3° 44'	29° 31'	20° 39'	10° 23'	21° 31'	22° 33'	19° 57'	16° 21'	T 2
W 3	5 22 22	20° 9' 33"	16° 46'	2° D 1	25° 42'	20° 15'	17° 13'	3° 50'	29° 30'	20° 38'	10° 22'	21° 9'	22° 30'	20° 4'	16° 22'	W 3
T 4	5 26 18	21° 10' 40"	18° 20'	2° 4'	26° 57'	20° 51'	17° 7'	3° 56'	29° 28'	20° 38'	10° 21'	21° 5'	22° 27'	20° 10'	16° 23'	T 4
F 5	5 30 15	22° 11' 48"	16° 12'	2° 17'	28° 12'	21° 27'	17° 0'	4° 2'	29° 27'	20° 37'	10° 20'	21° 1'	22° 24'	20° 17'	16° 24'	F 5
S 6	5 34 11	23° 12' 56"	11° 15'	2° 38'	29° 28'	22° 3'	16° 53'	4° 8'	29° 26'	20° 36'	10° 19'	20° 57'	22° 21'	20° 24'	16° 25'	S 6
S 7	5 38 8	24° 14' 04"	16° 20'	3° 6'	0° 43'	22° 39'	16° 46'	4° 14'	29° 25'	20° 35'	10° 17'	20° 53'	22° 17'	20° 31'	16° 26'	S 7
M 8	5 42 4	25° 15' 12"	18° 18'	3° 41'	1° 59'	23° 14'	16° 39'	4° 20'	29° 24'	20° 35'	10° 16'	20° 51'	22° 14'	20° 37'	16° 27'	M 8
T 9	5 46 1	26° 16' 21"	16° 0'	4° 23'	3° 14'	23° 50'	16° 32'	4° 26'	29° 23'	20° 34'	10° 15'	20° D50	22° 11'	20° 44'	16° 28'	T 9
W10	5 49 58	27° 17' 30"	0° 20'	5° 10'	4° 30'	24° 26'	16° 25'	4° 32'	29° 22'	20° 33'	10° 14'	20° 50'	22° 8'	20° 51'	16° 29'	W10
T 11	5 53 54	28° 18' 40"	14° 13'	6° 1'	5° 45'	25° 2'	16° 18'	4° 39'	29° 21'	20° 32'	10° 12'	20° 51'	22° 5'	20° 57'	16° 30'	T 11
F 12	5 57 51	29° 19' 49"	27° 39'	6° 57'	7° 0'	25° 37'	16° 10'	4° 45'	29° 20'	20° 31'	10° 11'	20° 53'	22° 2'	21° 4'	16° 32'	F 12
S 13	6 1 47	0° 20' 59"	10° 10'	7° 57'	8° 16'	26° 13'	16° 3'	4° 51'	29° 19'	20° 30'	10° 10'	20° 54'	21° 58'	21° 11'	16° 33'	S 13
S 14	6 5 44	1° 22' 10"	23° 18'	8° 59'	9° 31'	26° 48'	15° 55'	4° 58'	29° 18'	20° 29'	10° 9'	20° 55'	21° 55'	21° 17'	16° 35'	S 14
M15	6 9 40	2° 23' 21"	5° 38'	10° 5'	10° 47'	27° 24'	15° 48'	5° 4'	29° 17'	20° 28'	10° 7'	20° R55	21° 52'	21° 24'	16° 36'	M15
T 16	6 13 37	3° 24' 32"	17° 44'	11° 14'	12° 2'	27° 59'	15° 40'	5° 11'	29° 17'	20° 27'	10° 6'	20° 55'	21° 49'	21° 31'	16° 38'	T 16
W17	6 17 33	4° 25' 43"	29° 40'	12° 25'	13° 17'	28° 35'	15° 32'	5° 17'	29° 16'	20° 26'	10° 5'	20° 53'	21° 46'	21° 38'	16° 39'	W17
T 18	6 21 30	5° 26' 55"	11° 31'	13° 38'	14° 33'	29° 10'	15° 24'	5° 24'	29° 15'	20° 25'	10° 4'	20° 51'	21° 42'	21° 44'	16° 41'	T 18
F 19	6 25 27	6° 28' 07"	23° 22'	14° 52'	15° 48'	29° 45'	15° 16'	5° 30'	29° 15'	20° 24'	10° 2'	20° 49'	21° 39'	21° 51'	16° 42'	F 19
S 20	6 29 23	7° 29' 19"	5° 14'	16° 9'	17° 4'	0° 21'	15° 8'	5° 37'	29° 14'	20° 23'	10° 1'	20° 46'	21° 36'	21° 58'	16° 44'	S 20
S 21	6 33 20	8° 30' 31"	17° 12'	17° 27'	18° 19'	0° 56'	15° 0'	5° 43'	29° 14'	20° 22'	10° 0'	20° 44'	21° 33'	22° 4'	16° 46'	S 21
M22	6 37 16	9° 31' 43"	29° 17'	18° 46'	19° 34'	1° 31'	14° 52'	5° 50'	29° 13'	20° 21'	9° 59'	20° 43'	21° 30'	22° 11'	16° 48'	M22
T 23	6 41 13	10° 32' 54"	11° 33'	20° 7'	20° 50'	2° 6'	14° 44'	5° 57'	29° 13'	20° 20'	9° 57'	20° 42'	21° 27'	22° 18'	16° 50'	T 23
W24	6 45 9	11° 34' 06"	23° 56'	21° 28'	22° 5'	2° 41'	14° 36'	6° 4'	29° 13'	20° 18'	9° 56'	20° D42	21° 23'	22° 25'	16° 52'	W24
T 25	6 49 6	12° 35' 17"	6° 33'	22° 51'	23° 20'	3° 16'	14° 28'	6° 10'	29° 13'	20° 17'	9° 55'	20° 43'	21° 20'	22° 31'	16° 54'	T 25
F 26	6 53 3	13° 36' 27"	19° 21'	24° 15'	24° 36'	3° 51'	14° 20'	6° 17'	29° 12'	20° 16'	9° 54'	20° 43'	21° 17'	22° 38'	16° 56'	F 26
S 27	6 56 59	14° 37' 37"	2° 23'	25° 39'	25° 51'	4° 26'	14° 12'	6° 24'	29° 12'	20° 15'	9° 52'	20° 44'	21° 14'	22° 45'	16° 58'	S 27
S 28	7 0 56	15° 38' 46"	15° 39'	27° 4'	27° 6'	5° 1'	14° 4'	6° 31'	29° 12'	20° 13'	9° 51'	20° 44'	21° 11'	22° 51'	17° 0'	S 28
M29	7 4 52	16° 39' 55"	29° 10'	28° 30'	28° 22'	5° 35'	13° 56'	6° 38'	29° D12	20° 12'	9° 50'	20° 45'	21° 8'	22° 58'	17° 2'	M29
T 30	7 8 49	17° 41' 02"	12° 57'	29° 57'	29° 37'	6° 10'	13° 48'	6° 45'	29° 12'	20° 11'	9° 48'	20° R45	21° 4'	23° 5'	17° 4'	T 30
W31	7 12 45	18° 42' 09"	26° 58'	1° 25'	0° 52'	6° 45'	13° 40'	6° 52'	29° 12'	20° 9'	9° 47'	20° 45'	21° 3'	23° 11'	17° 7'	W31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
M 1	22s59	0s24	4n24	17s52	2n54	23s48	0s28	6s15	1n20	22n35	0n12	20s 9	0s46	10n52	0s30	15n 4	0n26
T 2	23 4	5n34	4 57	17 47	2 55	23 54	0 30	6 29	1 20	22 36	0 13	20 7	0 46	10 52	0 30	15 4	0 26
W 3	23 9	11 24	5 12	17 46	2 55	23 59	0 32	6 42	1 20	22 37	0 13	20 6	0 46	10 51	0 30	15 4	0 26
T 4	23 13	16 47	5 8	17 49	2 53	24 3	0 34	6 56	1 20	22 38	0 13	20 5	0 46	10 51	0 30	15 4	0 26
F 5	23 17	21 15	4 43	17 54	2 50	24 7	0 37	7 10	1 20	22 39	0 13	20 3	0 46	10 50	0 30	15 4	0 26
S 6	23 20	24 22	3 59	18 2	2 46	24 9	0 39	7 23	1 20	22 40	0 13	20 2	0 46	10 50	0 30	15 5	0 26
S 7	23 23	25 46	2 58	18 13	2 41	24 12	0 41	7 36	1 19	22 41	0 13	20 1	0 46	10 50	0 30	15 5	0 26
M 8	23 26	25 16	1 45	18 25	2 35	24 13	0 43	7 50	1 19	22 42	0 14	19 59	0 46	10 49	0 30	15 5	0 26
T 9	23 28	22 59	0 27	18 39	2 29	24 14	0 45	8 3	1 19	22 43	0 14	19 58	0 46	10 49	0 30	15 5	0 26
W10	23 29	19 18	0s52	18 54	2 22	24 13	0 47	8 16	1 19	22 44	0 14	19 56	0 46	10 49	0 30	15 6	0 26
T 11	23 30	14 37	2 5	19 11	2 14	24 13	0 49	8 29	1 19	22 45	0 14	19 55	0 46	10 48	0 30	15 6	0 26
F 12	23 31	9 22	3 9	19 28	2 6	24 11	0 51	8 42	1 19	22 46	0 14	19 53	0 46	10 48	0 30	15 6	0 26
S 13	23 31	3 52	4 1	19 45	1 58	24 8	0 53	8 56	1 19	22 47	0 14	19 52	0 46	10 48	0 30	15 7	0 26
S 14	23 30	1s37	4 40	20 3	1 50	24 5	0 55	9 8	1 19	22 48	0 14	19 50	0 46	10 48	0 30	15 7	0 26
M15	23 30	6 54	5 5	20 21	1 42	24 1	0 57	9 21	1 19	22 49	0 15	19 49	0 47	10 47	0 30	15 7	0 26
T 16	23 28	11 50	5 15	20 39	1 33	23 57	0 59	9 34	1 18	22 50	0 15	19 47	0 47	10 47	0 30	15 8	0 26
W17	23 26	16 15	5 12	20 57	1 25	23 51	1 1	9 47	1 18	22 51	0 15	19 46	0 47	10 47	0 30	15 8	0 26
T 18	23 24	20 1	4 55	21 14	1 16	23 45	1 3	10 0	1 18	22 52	0 15	19 44	0 47	10 47	0 30	15 8	0 26
F 19	23 21	22 58	4 26	21 32	1 8	23 38	1 4	10 12	1 18	22 53	0 15	19 42	0 47	10 46	0 30	15 9	0 26
S 20	23 18	24 56	3 46	21 48	0 59	23 31	1 6	10 25	1 18	22 54	0 15	19 41	0 47	10 46	0 30	15 9	0 26
S 21	23 14	25 48	2 55	22 4	0 51	23 22	1 8	10 37	1 18	22 55	0 15	19 39	0 47	10 46	0 30	15 10	0 26
M22	23 10	25 27	1 56	22 20	0 43	23 13	1 9	10 49	1 18	22 56	0 16	19 38	0 47	10 46	0 30	15 10	0 26
T 23	23 6	23 51	0 51	22 34	0 34	23 4	1 11	11 2	1 17	22 57	0 16	19 36	0 47	10 46	0 30	15 10	0 26
W24	23 0	21 5	0n18	22 48	0 26	22 53	1 12	11 14	1 17	22 58	0 16	19 34	0 47	10 46	0 30	15 11	0 26
T 25	22 55	17 18	1 27	23 1	0 18	22 42	1 14	11 26	1 17	22 59	0 16	19 33	0 47	10 46	0 30	15 11	0 26
F 26	22 49	12 39	2 32	23 13	0 10	22 30	1 15	11 38	1 17	23 1	0 16	19 31	0 47	10 46	0 30	15 12	0 26
S 27	22 42	7 22	3 31	23 24	0 2	22 18	1 17	11 50	1 17	23 2	0 16	19 29	0 47	10 46	0 30	15 12	0 26
S 28	22 36	1 41	4 20	23 34	0s 5	22 5	1 18	12 2	1 17	23 3	0 16	19 28	0 47	10 46	0 30	15 12	0 26
M29	22 28	4n11	4 55	23 43	0 13	21 51	1 19	12 14	1 16	23 3	0 17	19 26	0 47	10 46	0 30	15 13	0 26
T 30	22 20	9 57	5 14	23 51	0 20	21 36	1 20	12 25	1 16	23 4	0 17	19 24	0 47	10 46	0 30	15 13	0 26
W31	22s12	15n19	5n16	23s58	0s27	21s21	1s21	12s37	1n16	23n 5	0n17	19s23	0s47	10n46	0s29	15n14	0n26

Julian Day Number = 2244430.5, Delta T = 06m59s

Ecliptic obliquity = 23°30'50", Nutation = 0°00'15", out-of-bounds declination in red

Ayanamsha: Fagan/Bradley = 16°49'45", Lahiri = 15°56'45" Julian Calendar 1 Dec. 1432 == Greg. Calendar 10 Dec. 1432