



Astrodienst Ephemeris Tables for the year 2243

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 2243

geocentric

JANUARY 2243

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	6 40 27	9°32'47	48°26	26°28	0°37	19°45	9°45	3°R54	13°5	0°R43	2°56	14°R56	15°13	10°II51	9°R16	S 1
M 2	6 44 23	10°53'55	16°22	27°58	1°49	19°53	9°54	3°M52	13°9	0°L42	2°58	14°E56	15°10	10°58	9°M15	M 2
T 3	6 48 20	11°55'02	28°12	29°29	3°2	20°1	10°3	3°50	13°12	0°40	3°0	14°55	15°7	11°4	9°14	T 3
W 4	6 52 17	12°56'09	10°II 1	1°3 1	4°14	20°10	10°12	3°48	13°16	0°38	3°2	14°55	15°4	11°11	9°12	W 4
T 5	6 56 13	13°57'17	21°51	2°32	5°27	20°19	10°21	3°46	13°19	0°37	3°4	14°55	15°0	11°18	9°11	T 5
F 6	7 0 10	14°58'24	3°E45	4°4	6°39	20°29	10°30	3°44	13°23	0°35	3°5	14°D55	14°57	11°24	9°10	F 6
S 7	7 4 6	15°59'32	15°45	5°37	7°52	20°40	10°38	3°41	13°27	0°34	3°7	14°R55	14°54	11°31	9°8	S 7
S 8	7 8 3	17°0'39	27°53	7°9	9°5	20°51	10°47	3°39	13°30	0°32	3°9	14°55	14°51	11°38	9°6	S 8
M 9	7 11 59	18°1'47	10°L11	8°42	10°18	21°3	10°55	3°36	13°34	0°30	3°11	14°55	14°48	11°44	9°5	M 9
T 10	7 15 56	19°2'54	22°40	10°16	11°30	21°16	11°3	3°33	13°37	0°29	3°13	14°54	14°45	11°51	9°3	T 10
W11	7 19 53	20°4'02	5°M21	11°50	12°43	21°29	11°11	3°31	13°41	0°27	3°15	14°54	14°41	11°58	9°1	W11
T 12	7 23 49	21°5'09	18°17	13°24	13°56	21°42	11°19	3°28	13°44	0°25	3°17	14°53	14°38	12°4	8°59	T 12
F 13	7 27 46	22°6'17	1°E28	14°58	15°9	21°56	11°27	3°25	13°48	0°24	3°18	14°52	14°35	12°11	8°56	F 13
S 14	7 31 42	23°7'25	14°56	16°33	16°23	22°11	11°35	3°22	13°52	0°22	3°20	14°52	14°32	12°18	8°54	S 14
S 15	7 35 39	24°8'33	28°42	18°9	17°36	22°26	11°43	3°19	13°55	0°20	3°22	14°D52	14°29	12°24	8°52	S 15
M16	7 39 35	25°9'41	12°M46	19°45	18°49	22°42	11°50	3°15	13°59	0°19	3°23	14°52	14°26	12°31	8°49	M16
T 17	7 43 32	26°10'49	27°7	21°21	20°2	22°58	11°57	3°12	14°2	0°17	3°25	14°53	14°22	12°38	8°47	T 17
W18	7 47 28	27°11'57	11°A43	22°58	21°15	23°15	12°5	3°9	14°6	0°15	3°27	14°54	14°19	12°44	8°44	W18
T 19	7 51 25	28°13'04	26°28	24°35	22°29	23°32	12°12	3°5	14°9	0°14	3°28	14°55	14°16	12°51	8°41	T 19
F 20	7 55 22	29°14'12	11°B18	26°13	23°42	23°50	12°19	3°2	14°13	0°12	3°30	14°R55	14°13	12°58	8°38	F 20
S 21	7 59 18	0°15'20	26°4	27°51	24°56	24°8	12°25	2°58	14°16	0°10	3°31	14°55	14°10	13°4	8°35	S 21
S 22	8 3 15	1°16'26	10°A39	29°30	26°9	24°26	12°32	2°54	14°20	0°8	3°33	14°54	14°6	13°11	8°32	S 22
M23	8 7 11	2°17'33	24°57	1°8 9	27°22	24°45	12°39	2°51	14°23	0°7	3°34	14°52	14°3	13°18	8°29	M23
T 24	8 11 8	3°18'38	8°A53	2°49	28°36	25°5	12°45	2°47	14°27	0°5	3°36	14°49	14°0	13°24	8°26	T 24
W25	8 15 4	4°19'43	22°24	4°29	29°49	25°25	12°51	2°43	14°30	0°3	3°37	14°47	13°57	13°31	8°23	W25
T 26	8 19 1	5°20'46	5°V30	6°10	1°3 3	25°45	12°57	2°39	14°34	0°2	3°39	14°44	13°54	13°38	8°19	T 26
F 27	8 22 57	6°21'49	18°13	7°52	2°17	26°5	13°3	2°35	14°37	0°0	3°40	14°42	13°51	13°44	8°16	F 27
S 28	8 26 54	7°22'51	0°B36	9°34	3°30	26°26	13°9	2°31	14°40	29°E58	3°41	14°41	13°47	13°51	8°12	S 28
S 29	8 30 51	8°23'52	12°43	11°17	4°44	26°48	13°14	2°27	14°44	29°S57	3°43	14°D40	13°44	13°58	8°9	S 29
M30	8 34 47	9°24'52	24°38	13°0	5°58	27°9	13°20	2°22	14°47	29°S55	3°44	14°41	13°41	14°4	8°5	M30
T 31	8 38 44	10°25'51	6°II28	14°44	7°B11	27°B31	13°M25	2°M18	14°B51	29°E53	3°A45	14°E43	13°E38	14°II11	8°M1	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
S 1	23s 2	8n16	4s59	23s35	0s13	18s10	2n 8	19n28	1n53	13s38	1n 8	11n25	1n27	23s 7	0s21	19n32	0s27	7s41	13n16	22n34	22n32	19n10	2n21	6s11					
M 2	22 58	12 22	4 31	23 43	0 20	18 26	2 7	19 31	1 54	13 41	1 8	11 26	1 28	23 6	0 21	19 32	0 27	7 41	13 16	22 34	22 33	19 11	2 21	6 12					
T 3	22 52	15 58	3 52	23 51	0 27	18 41	2 5	19 33	1 54	13 43	1 9	11 27	1 28	23 6	0 21	19 33	0 27	7 41	13 16	22 34	22 33	19 13	2 21	6 12					
W 4	22 47	18 55	3 2	23 58	0 34	18 57	2 3	19 36	1 55	13 46	1 9	11 28	1 28	23 6	0 21	19 33	0 27	7 41	13 17	22 34	22 33	19 14	2 21	6 13					
T 5	22 41	21 5	2 5	24 3	0 40	19 11	2 1	19 40	1 56	13 49	1 9	11 29	1 28	23 5	0 21	19 33	0 27	7 42	13 17	22 34	22 34	19 16	2 21	6 13					
F 6	22 34	22 20	1 2	24 7	0 47	19 26	2 0	19 43	1 56	13 51	1 9	11 30	1 28	23 5	0 21	19 34	0 27	7 42	13 17	22 34	22 34	19 18	2 21	6 14					
S 7	22 27	22 33	0n 5	24 10	0 53	19 39	1 58	19 46	1 57	13 54	1 9	11 31	1 29	23 5	0 21	19 34	0 27	7 42	13 17	22 34	22 35	19 19	2 21	6 14					
S 8	22 20	21 43	1 12	24 11	0 59	19 52	1 56	19 50	1 57	13 56	1 9	11 32	1 29	23 4	0 21	19 34	0 27	7 42	13 18	22 34	22 35	19 21	2 21	6 14					
M 9	22 12	19 51	2 16	24 12	1 5	20 5	1 54	19 54	1 58	13 59	1 9	11 33	1 29	23 4	0 21	19 35	0 27	7 42	13 18	22 34	22 35	19 23	2 22	6 15					
T 10	22 3	17 1	3 15	24 11	1 10	20 17	1 52	19 57	1 58	14 1	1 10	11 35	1 29	23 3	0 21	19 35	0 27	7 42	13 18	22 35	22 36	19 24	2 22	6 15					
W11	21 55	13 20	4 5	24 8	1 16	20 29	1 50	20 1	1 59	14 4	1 10	11 36	1 29	23 3	0 21	19 35	0 27	7 42	13 18	22 35	22 36	19 26	2 22	6 16					
T 12	21 45	8 59	4 44	24 4	1 21	20 40	1 47	20 5	1 59	14 6	1 10	11 37	1 30	23 3	0 21	19 36	0 27	7 42	13 19	22 35	22 36	19 27	2 23	6 16					
F 13	21 36	4 8	5 9	23 59	1 26	20 51	1 45	20 9	2 0	14 8	1 10	11 38	1 30	23 2	0 21	19 36	0 27	7 42	13 19	22 35	22 37	19 29	2 23	6 16					
S 14	21 26	1s 0	5 17	23 53	1 30	21 0	1 43	20 13	2 0	14 10	1 10	11 40	1 30	23 2	0 21	19 36	0 27	7 42	13 19	22 35	22 37	19 31	2 24	6 17					
S 15	21 15	6 11	5 8	23 45	1 35	21 10	1 40	20 18	2 0	14 13	1 10	11 41	1 30	23 2	0 21	19 37	0 27	7 42	13 19	22 35	22 37	19 32	2 24	6 17					
M16	21 4	11 11	4 41	23 36	1 39	21 19	1 38	20 22	2 1	14 15	1 11	11 42	1 30	23 1	0 21	19 37	0 27	7 42	13 20	22 35	22 38	19 34	2 25	6 17					
T 17	20 53	15 40	3 55	23 25	1 43	21 27	1 35	20 26	2 1	14 17	1 11	11 44	1 31	23 1	0 21	19 38	0 27	7 42	13 20	22 35	22 38	19 35	2 25	6 18					
W18	20 41	19 17	2 54	23 13	1 47	21 35	1 33	20 31	2 1	14 19	1 11	11 45	1 31	23 1	0 21	19 38	0 27	7 42	13 20	22 35	22 38	19 37	2 26	6 18					
T 19	20 29	21 41	1 41	22 59	1 50	21 42	1 30	20 35	2 1	14 21	1 11	11 46	1 31	23 0	0 21	19 38	0 27	7 42	13 20	22 34	22 39	19 39	2 27	6 18					
F 20	20 17	22 36	0 20	22 44	1 53	21 48	1 28	20 40	2 2	14 23	1 11	11 48	1 31	23 0	0 21	19 39	0 27	7 42	13 21	22 34	22 39	19 40	2 28	6 19					
S 21	20 4	21 55	1s 1	22 28	1 56	21 54	1 25	20 45	2 2	14 25	1 11	11 49	1 31	23 0	0 21	19 39	0 27	7 42	13 21	22 34	22 39	19 42	2 28	6 19					
S 22	19 51	19 45	2 18	22 10	1 58	21 59	1 22	20 50	2 2	14 27	1 12	11 51	1 32	22 59	0 21	19 39	0 27	7 42	13 21	22 35	22 40	19 43	2 29	6 19					
M23	19 37	16 23	3 24	21 50	2 1	22 3	1 19	20 54	2 2	14 28	1 12	11 52	1 32	22 59	0 21	19 40	0 27	7 42	13 22	22 35	22 40	19 45	2 30	6 20					
T 24	19 23	12 11	4 16	21 29	2 2	22 7	1 17	20 59	2 2	14 30	1 12	11 54	1 32	22 58	0 21	19 40	0 27	7 42	13 22	22 35	22 40	19 46	2 31	6 20					
W25	19 9	7 29	4 52	21 7	2 4	22 11	1 14	21 4	2 2	14 32	1 12	11 56	1 32	22 58	0 21	19 41	0 27	7 42	13 22	22 35	22 41	19 48	2 32	6 20					
T 26	18 54	2 35	5 11	20 43	2 5	22 13	1 11	21 9	2 2	14 33	1 12	11 57	1 32	22 58	0 21	19 41	0 27	7 42	13 23	22 36	22 41	19 49	2 33	6 20					
F 27	18 39	2n17	5 15	20 18	2 5	22 15	1 8	21 14	2 3	14 35	1 12	11 59	1 33	22 57	0 21	19 41	0 27	7 42	13 23	22 36	22 41	19 51	2 34	6 21					
S 28	18 24	6 55	5 3	19 51	2 6	22 16	1 5	21 19	2 3	14 37	1 13	12 0	1 33	22 57	0 21	19 42	0 27	7 42	13 23	22 36	22 42	19 53	2 35	6 21					
S 29	18 8	11 12	4 39	19 23	2 5	22 17	1 2	21 24	2 3	14 38	1 13	12 2	1 33	22 57	0 21	19 42	0 27	7 42	13 24	22 36	22 42	19 54	2 36	6 21					
M30	17 52	14 59	4 2	18 53	2 5	22 17	0 59	21 29	2 3	14 39	1 13	12 4	1 33	22 56	0 21	19 42	0 27	7 42	13 24	22 36	22 42	19 56	2 38	6 21					
T 31	17s36	18n 9	3s16	18s22	2s 4	22s16	0n56	21n34	2n 3	14s41	1n13	12n 5	1n33	22s56	0s21	19n43	0s27	7s41	13n24	22n36	22n43	19n57	2n39	6s21					

ASTRODIENST EPHEMERIS for the year 2243
geocentric

FEBRUARY 2243

00:00 UT

Day	Sid.t	☉	☽	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓	♈	♉	Day
W 1	8 42 40	11 ²⁶ 49	18 ¹¹ 16	16 ²⁸ 28	8 ³² 25	27 ⁸ 54	13 ¹¹ 30	2°R14	14 ³⁵ 54	29°R52	3 ²⁷ 46	14 ⁴⁵ 45	13 ³⁵ 35	14 ¹¹ 18	7°R57	W 1
T 2	8 46 37	12°27'45	0 ⁰⁸ 8	18°13	9°39	28°17	13°35	2 ¹⁰ 9	14°57	29 ⁰⁵ 50	3°48	14°46	13°32	14°24	7 ¹⁰ 54	T 2
F 3	8 50 33	13°28'41	12°6	19°58	10°53	28°40	13°40	2°5	15°0	29°48	3°49	14°R47	13°28	14°31	7°50	F 3
S 4	8 54 30	14°29'35	24°15	21°43	12°6	29°3	13°44	2°0	15°4	29°47	3°50	14°47	13°25	14°38	7°46	S 4
S 5	8 58 26	15°30'29	6 ⁰² 36	23°29	13°20	29°27	13°49	1°56	15°7	29°45	3°51	14°45	13°22	14°44	7°41	S 5
M 6	9 2 23	16°31'21	19°12	25°15	14°34	29°51	13°53	1°51	15°10	29°44	3°52	14°41	13°19	14°51	7°37	M 6
T 7	9 6 20	17°32'13	2 ¹⁰ 1	27°1	15°48	0 ¹¹ 15	13°57	1°47	15°13	29°42	3°53	14°37	13°16	14°58	7°33	T 7
W 8	9 10 16	18°33'03	15°5	28°47	17°2	0°40	14°1	1°42	15°16	29°40	3°54	14°31	13°12	15°4	7°29	W 8
T 9	9 14 13	19°33'52	28°23	0 ¹³ 33	18°16	1°4	14°5	1°37	15°20	29°39	3°55	14°25	13°9	15°11	7°25	T 9
F 10	9 18 9	20°34'40	11 ¹⁵ 52	2°19	19°30	1°30	14°8	1°33	15°23	29°37	3°56	14°19	13°6	15°18	7°20	F 10
S 11	9 22 6	21°35'28	25°33	4°4	20°44	1°55	14°12	1°28	15°26	29°36	3°57	14°15	13°3	15°24	7°16	S 11
S 12	9 26 2	22°36'14	9 ¹¹ 23	5°48	21°57	2°21	14°15	1°23	15°29	29°34	3°58	14°13	13°0	15°31	7°11	S 12
M13	9 29 59	23°37'00	23°23	7°31	23°11	2°46	14°18	1°18	15°32	29°33	3°59	14°D12	12°57	15°38	7°7	M13
T 14	9 33 55	24°37'44	7 ¹⁷ 30	9°12	24°25	3°13	14°21	1°14	15°35	29°31	3°59	14°12	12°53	15°44	7°2	T 14
W15	9 37 52	25°38'28	21°45	10°51	25°40	3°39	14°23	1°9	15°38	29°30	4°0	14°14	12°50	15°51	6°58	W15
T 16	9 41 49	26°39'11	6 ²³ 4	12°28	26°54	4°5	14°26	1°4	15°41	29°28	4°1	14°15	12°47	15°57	6°53	T 16
F 17	9 45 45	27°39'53	20°25	14°2	28°8	4°32	14°28	0°59	15°44	29°27	4°2	14°R15	12°44	16°4	6°49	F 17
S 18	9 49 42	28°40'33	4 ²² 44	15°32	29°22	4°59	14°30	0°54	15°47	29°25	4°2	14°13	12°41	16°11	6°44	S 18
S 19	9 53 38	29°41'12	18°57	16°58	0 ²² 36	5°27	14°32	0°49	15°49	29°24	4°3	14°9	12°38	16°17	6°39	S 19
M20	9 57 35	0 ¹¹ 41'50	2 ¹⁶ 59	18°20	1°50	5°54	14°34	0°44	15°52	29°22	4°3	14°3	12°34	16°24	6°35	M20
T 21	10 1 31	1°42'26	16°45	19°36	3°4	6°22	14°36	0°40	15°55	29°21	4°4	13°55	12°31	16°31	6°30	T 21
W22	10 5 28	2°43'01	0 ¹⁷ 12	20°46	4°18	6°50	14°37	0°35	15°58	29°20	4°4	13°46	12°28	16°37	6°25	W22
T 23	10 9 24	3°43'34	13°17	21°49	5°32	7°18	14°38	0°30	16°0	29°18	4°5	13°37	12°25	16°44	6°21	T 23
F 24	10 13 21	4°44'05	26°1	22°44	6°46	7°46	14°39	0°25	16°3	29°17	4°5	13°30	12°22	16°51	6°16	F 24
S 25	10 17 17	5°44'35	8 ²⁸ 26	23°32	8°0	8°15	14°40	0°20	16°6	29°16	4°6	13°24	12°18	16°57	6°11	S 25
S 26	10 21 14	6°45'02	20°35	24°10	9°14	8°43	14°41	0°15	16°8	29°14	4°6	13°20	12°15	17°4	6°6	S 26
M27	10 25 11	7°45'28	2 ¹¹ 31	24°39	10°29	9°12	14°41	0°11	16°11	29°13	4°6	13°D18	12°12	17°11	6°2	M27
T 28	10 29 7	8 ¹⁴ 45'52	14 ¹¹ 21	24 ¹⁶ 59	11 ²² 43	9 ¹¹ 41	14 ¹¹ 41	0 ¹⁰ 6	16 ²³ 13	29 ⁰⁵ 12	4 ²⁷ 7	13 ²⁵ 19	12 ⁰⁹ 9	17 ¹¹ 17	5 ¹⁰ 57	T 28

Day	☉	☽		♊		♋		♌		♍		♎		♏		♐		♑	♒	♓	♈	♉	♊	♋	♌	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	decl	lat	decl	lat
W 1	17s19	20n33	2s21	17s49	2s 2	22s15	0n53	21n39	2n 3	14s42	1n13	12n 7	1n33	22s56	0s21	19n43	0s27	7s41	13n25	22n36	22n43	19n59	2n40	6s22		
T 2	17 3	22 5	1 20	17 15	2 0	22 13	0 50	21 45	2 3	14 43	1 14	12 9	1 33	22 55	0 21	19 43	0 27	7 41	13 25	22 35	22 43	20 0	2 41	6 22		
F 3	16 45	22 37	0 15	16 39	1 57	22 10	0 47	21 50	2 3	14 45	1 14	12 11	1 34	22 55	0 21	19 44	0 27	7 41	13 25	22 35	22 44	20 2	2 43	6 22		
S 4	16 28	22 5	0n52	16 3	1 54	22 7	0 44	21 55	2 3	14 46	1 14	12 12	1 34	22 55	0 21	19 44	0 27	7 41	13 26	22 35	22 44	20 3	2 44	6 22		
S 5	16 10	20 29	1 57	15 24	1 50	22 3	0 41	22 0	2 3	14 47	1 14	12 14	1 34	22 54	0 21	19 45	0 27	7 41	13 26	22 36	22 44	20 5	2 45	6 22		
M 6	15 52	17 51	2 57	14 45	1 46	21 59	0 38	22 5	2 3	14 48	1 14	12 16	1 34	22 54	0 21	19 45	0 27	7 41	13 26	22 36	22 45	20 6	2 47	6 22		
T 7	15 33	14 19	3 50	14 4	1 41	21 53	0 35	22 10	2 3	14 49	1 14	12 18	1 34	22 54	0 21	19 45	0 27	7 40	13 27	22 36	22 45	20 8	2 48	6 22		
W 8	15 15	10 2	4 31	13 22	1 35	21 47	0 32	22 15	2 2	14 50	1 15	12 19	1 34	22 53	0 21	19 46	0 27	7 40	13 27	22 37	22 45	20 9	2 50	6 22		
T 9	14 56	5 13	4 59	12 39	1 29	21 41	0 29	22 21	2 2	14 51	1 15	12 21	1 34	22 53	0 21	19 46	0 27	7 40	13 28	22 38	22 45	20 11	2 51	6 22		
F 10	14 37	0 5	5 11	11 55	1 22	21 34	0 26	22 26	2 2	14 52	1 15	12 23	1 35	22 53	0 21	19 46	0 27	7 40	13 28	22 38	22 46	20 12	2 53	6 23		
S 11	14 17	5s 7	5 5	11 9	1 14	21 26	0 23	22 31	2 2	14 53	1 15	12 25	1 35	22 52	0 21	19 47	0 26	7 40	13 28	22 39	22 46	20 14	2 54	6 23		
S 12	13 58	10 9	4 42	10 24	1 6	21 17	0 20	22 36	2 2	14 53	1 15	12 27	1 35	22 52	0 21	19 47	0 26	7 39	13 29	22 39	22 46	20 15	2 56	6 23		
M13	13 38	14 42	4 2	9 37	0 57	21 8	0 17	22 41	2 2	14 54	1 16	12 28	1 35	22 52	0 21	19 47	0 26	7 39	13 29	22 39	22 47	20 17	2 58	6 23		
T 14	13 18	18 28	3 6	8 50	0 47	20 58	0 14	22 46	2 2	14 55	1 16	12 30	1 35	22 51	0 21	19 48	0 26	7 39	13 29	22 39	22 47	20 18	2 59	6 23		
W15	12 57	21 10	1 59	8 3	0 36	20 48	0 11	22 51	2 2	14 55	1 16	12 32	1 35	22 51	0 21	19 48	0 26	7 39	13 30	22 39	22 47	20 20	3 1	6 23		
T 16	12 37	22 32	0 44	7 16	0 25	20 37	0 8	22 55	2 1	14 56	1 16	12 34	1 35	22 51	0 21	19 48	0 26	7 38	13 30	22 39	22 48	20 21	3 3	6 22		
F 17	12 16	22 25	0s33	6 29	0 13	20 25	0 5	23 0	2 1	14 57	1 16	12 36	1 35	22 50	0 21	19 49	0 26	7 38	13 31	22 39	22 48	20 23	3 4	6 22		
S 18	11 55	20 49	1 49	5 42	0 0	20 13	0 2	23 5	2 1	14 57	1 17	12 38	1 35	22 50	0 21	19 49	0 26	7 38	13 31	22 39	22 48	20 24	3 6	6 22		
S 19	11 34	17 55	2 56	4 56	0n13	20 0	0s 1	1 23 10	2 1	14 57	1 17	12 39	1 36	22 50	0 22	19 49	0 26	7 38	13 31	22 39	22 49	20 26	3 8	6 22		
M20	11 13	14 1	3 53	4 12	0 27	19 47	0 4	23 15	2 1	14 58	1 17	12 41	1 36	22 49	0 22	19 50	0 26	7 37	13 32	22 40	22 49	20 27	3 10	6 22		
T 21	10 51	9 26	4 34	3 29	0 41	19 33	0 6	23 19	2 1	14 58	1 17	12 43	1 36	22 49	0 22	19 50	0 26	7 37	13 32	22 41	22 49	20 29	3 11	6 22		
W22	10 30	4 30	4 59	2 48	0 56	19 18	0 9	23 24	2 0	14 58	1 17	12 45	1 36	22 49	0 22	19 50	0 26	7 37	13 33	22 42	22 49	20 30	3 13	6 22		
T 23	10 8	0n31	5 7	2 9	1 11	19 3	0 12	23 28	2 0	14 58	1 18	12 47	1 36	22 48	0 22	19 50	0 26	7 36	13 33	22 43	22 50	20 31	3 15	6 22		
F 24	9 46	5 22	5 0	1 33	1 26	18 48	0 15	23 33	2 0	14 58	1 18	12 48	1 36	22 48	0 22	19 51	0 26	7 36	13 33	22 43	22 50	20 33	3 17	6 22		
S 25	9 24	9 54	4 39	1 1	1 42	18 32	0 18	23 37	2 0	14 58	1 18	12 50	1 36	22 48	0 22	19 51	0 26	7 36	13 34	22 44	22 50	20 34	3 19	6 21		
S 26	9 1	13 56	4 5	0 32	1 57	18 15	0 20	23 42	2 0	14 58	1 18	12 52	1 36	22 48	0 22	19 51	0 26	7 35	13 34	22 44	22 51	20 36	3 21	6 21		
M27	8 39	17 21	3 21	0 6	2 12	17 58	0 23	23 46	1 59	14 58	1 18	12 54	1 36	22 47	0 22	19 52	0 26	7 35	13 35	22 45	22 51	20 37	3 23	6 21		
T 28	8s16	20n 1	2s29	0n15	2n26	17s40	0s26	23n50	1n59	14s58	1n19	12n55	1n36	22s47	0s22	19n52	0s26	7s35	13n35	22n45	22n51	20n39	3n25	6s21		

Julian Day Number = 2540329.5, Delta T = 211.42 sec
Ecliptic obliquity = 23°24'25, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 28°08'16, Lahiri = 27°15'16

ASTRODIENST EPHEMERIS for the year 2243

geocentric

APRIL 2243

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	12 35 17	10°42'41	10°07' 7	13°35'52	21°16'16	26°11'20	13°R13	27°R57	17°31'12	28°R47	3°R58	10°R29	10°02'27	20°11'50	3°R43	S 1
S 2	12 39 13	11°42'02	22°43	14°33	22°30	26°53	13°M 8	27°02'55	17°13	28°04'46	3°27'57	10°02'24	10°24	20°57	3°M40	S 2
M 3	12 43 10	12°41'21	5°M41	15°18	23°44	27°26	13° 2	27°52	17°14	28°46	3°56	10°17	10°21	21° 4	3°37	M 3
T 4	12 47 7	13°40'37	19° 4	16° 7	24°58	27°59	12°57	27°49	17°15	28°46	3°55	10° 7	10°18	21°10	3°34	T 4
W 5	12 51 3	14°39'52	2°05'1	16°59	26°13	28°32	12°51	27°47	17°16	28°46	3°54	9°55	10°15	21°17	3°31	W 5
T 6	12 55 0	15°39'04	16°58	17°54	27°27	29° 5	12°45	27°44	17°17	28°46	3°54	9°43	10°11	21°24	3°28	T 6
F 7	12 58 56	16°38'14	1°M21	18°52	28°41	29°39	12°39	27°42	17°18	28°46	3°53	9°31	10° 8	21°30	3°26	F 7
S 8	13 2 53	17°37'22	15°52	19°52	29°55	0°01'12	12°32	27°39	17°18	28°46	3°52	9°22	10° 5	21°37	3°23	S 8
S 9	13 6 49	18°36'29	0°27'26	20°55	1°Y 9	0°45	12°26	27°37	17°19	28°46	3°51	9°15	10° 2	21°44	3°21	S 9
M10	13 10 46	19°35'33	14°56	22° 1	2°23	1°19	12°20	27°35	17°20	28°D46	3°50	9°11	9°59	21°50	3°18	M10
T 11	13 14 42	20°34'36	29°18	23°10	3°37	1°52	12°13	27°33	17°20	28°46	3°48	9° 9	9°55	21°57	3°16	T 11
W12	13 18 39	21°33'38	13°32'29	24°20	4°51	2°26	12° 6	27°31	17°21	28°46	3°47	9°D 9	9°52	22° 4	3°14	W12
T 13	13 22 35	22°32'37	27°28	25°33	6° 5	3° 0	12° 0	27°30	17°21	28°46	3°46	9°R 9	9°49	22°10	3°11	T 13
F 14	13 26 32	23°31'35	11°00'15	26°48	7°19	3°33	11°53	27°28	17°22	28°46	3°45	9° 8	9°46	22°17	3° 9	F 14
S 15	13 30 29	24°30'31	24°50	28° 5	8°33	4° 7	11°46	27°26	17°22	28°46	3°44	9° 5	9°43	22°23	3° 7	S 15
S 16	13 34 25	25°29'25	8°H15	29°24	9°47	4°41	11°39	27°25	17°22	28°46	3°43	8°59	9°40	22°30	3° 6	S 16
M17	13 38 22	26°28'18	21°28	0°Y45	11° 1	5°15	11°32	27°24	17°23	28°46	3°42	8°50	9°36	22°37	3° 4	M17
T 18	13 42 18	27°27'08	4°Y29	2° 8	12°15	5°49	11°24	27°22	17°23	28°47	3°40	8°39	9°33	22°43	3° 2	T 18
W19	13 46 15	28°25'57	17°18	3°32	13°29	6°23	11°17	27°21	17°23	28°47	3°39	8°27	9°30	22°50	3° 1	W19
T 20	13 50 11	29°24'44	29°55	4°59	14°44	6°57	11°10	27°20	17°23	28°47	3°38	8°15	9°27	22°57	2°59	T 20
F 21	13 54 8	0°03'23'29	12°01'19	6°27	15°58	7°31	11° 2	27°19	17°23	28°48	3°37	8° 3	9°24	23° 3	2°58	F 21
S 22	13 58 4	1°22'12	24°30	7°57	17°12	8° 5	10°55	27°18	17°R23	28°48	3°35	7°54	9°20	23°10	2°57	S 22
S 23	14 2 1	2°20'53	6°H32	9°29	18°26	8°39	10°47	27°18	17°23	28°48	3°34	7°47	9°17	23°17	2°56	S 23
M24	14 5 58	3°19'31	18°24	11° 2	19°40	9°14	10°40	27°17	17°23	28°49	3°33	7°42	9°14	23°23	2°55	M24
T 25	14 9 54	4°18'08	0°01'12	12°37	20°54	9°48	10°32	27°16	17°23	28°49	3°31	7°40	9°11	23°30	2°54	T 25
W26	14 13 51	5°16'43	11°59	14°14	22° 7	10°22	10°25	27°16	17°23	28°50	3°30	7°D40	9° 8	23°37	2°53	W26
T 27	14 17 47	6°15'15	23°50	15°53	23°21	10°57	10°17	27°16	17°23	28°51	3°28	7°41	9° 5	23°43	2°52	T 27
F 28	14 21 44	7°13'46	5°01'51	17°33	24°35	11°31	10°10	27°15	17°23	28°51	3°27	7°R41	9° 1	23°50	2°52	F 28
S 29	14 25 40	8°12'14	18° 6	19°15	25°49	12° 6	10° 2	27°D15	17°22	28°52	3°25	7°41	8°58	23°57	2°51	S 29
S 30	14 29 37	9°10'40	0°M40	20°Y59	27°Y 3	12°04'40	9°M54	27°01'15	17°32'22	28°05'52	3°27'24	7°03'39	8°05'55	24°11' 3	2°M51	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	4n14	20n 5	2n30	7s 3	0s46	4s45	1s25	25n11	1n50	14s27	1n24	13n40	1n36	22s41	0s23	19n58	0s25	7s22	13n47	23n 0	23n 0	21n22	4n26	6s 6			
S 2	4 37	17 8	3 23	6 57	0 57	4 17	1 26	25 12	1 49	14 26	1 24	13 41	1 36	22 40	0 23	19 58	0 25	7 21	13 47	23 0	23 0	21 23	4 28	6 6			
M 3	5 0	13 15	4 8	6 49	1 8	3 48	1 26	25 12	1 49	14 24	1 24	13 42	1 36	22 40	0 23	19 58	0 25	7 21	13 47	23 1	23 0	21 24	4 29	6 6			
T 4	5 23	8 37	4 41	6 39	1 17	3 20	1 27	25 12	1 49	14 22	1 24	13 43	1 36	22 40	0 23	19 58	0 25	7 20	13 48	23 1	23 1	21 26	4 31	6 4			
W 5	5 46	3 26	4 58	6 28	1 27	2 51	1 28	25 12	1 48	14 20	1 24	13 44	1 36	22 40	0 23	19 58	0 25	7 20	13 48	23 2	23 1	21 27	4 33	6 4			
T 6	6 9	2s 4	4 58	6 14	1 35	2 22	1 28	25 12	1 48	14 18	1 24	13 45	1 36	22 40	0 23	19 58	0 25	7 19	13 48	23 3	23 1	21 28	4 34	6 3			
F 7	6 32	7 33	4 39	5 59	1 43	1 53	1 29	25 12	1 48	14 16	1 24	13 46	1 36	22 40	0 23	19 58	0 25	7 19	13 48	23 4	23 1	21 29	4 36	6 2			
S 8	6 54	12 42	4 2	5 42	1 51	1 24	1 29	25 12	1 47	14 14	1 24	13 46	1 36	22 40	0 23	19 58	0 25	7 19	13 49	23 5	23 1	21 31	4 38	6 1			
S 9	7 17	17 7	3 9	5 24	1 58	0 55	1 30	25 11	1 47	14 12	1 24	13 47	1 36	22 40	0 23	19 58	0 25	7 18	13 49	23 5	23 2	21 32	4 39	6 1			
M10	7 39	20 30	2 4	5 4	2 4	0 26	1 30	25 11	1 47	14 10	1 24	13 48	1 36	22 40	0 23	19 58	0 25	7 18	13 49	23 5	23 2	21 33	4 41	6 0			
T 11	8 2	22 32	0 52	4 42	2 10	0n 3	1 30	25 10	1 46	14 8	1 25	13 48	1 36	22 40	0 23	19 58	0 25	7 17	13 50	23 6	23 2	21 34	4 42	5 59			
W12	8 24	23 6	0s23	4 19	2 15	0 33	1 30	25 9	1 46	14 6	1 25	13 49	1 36	22 40	0 23	19 58	0 25	7 17	13 50	23 6	23 2	21 36	4 44	5 59			
T 13	8 46	22 12	1 36	3 54	2 20	1 2	1 31	25 8	1 46	14 4	1 25	13 49	1 36	22 40	0 23	19 58	0 25	7 16	13 50	23 6	23 3	21 37	4 45	5 58			
F 14	9 7	19 58	2 41	3 29	2 24	1 31	1 31	25 7	1 45	14 2	1 25	13 50	1 36	22 40	0 23	19 58	0 25	7 16	13 50	23 6	23 3	21 38	4 47	5 57			
S 15	9 29	16 38	3 37	3 1	2 28	2 0	1 31	25 5	1 45	14 0	1 25	13 50	1 35	22 40	0 23	19 58	0 25	7 16	13 50	23 6	23 3	21 39	4 48	5 56			
S 16	9 51	12 29	4 20	2 33	2 31	2 29	1 30	25 4	1 45	13 58	1 25	13 51	1 35	22 40	0 23	19 58	0 25	7 15	13 51	23 6	23 3	21 41	4 49	5 56			
M17	10 12	7 48	4 48	2 3	2 33	2 58	1 30	25 2	1 44	13 55	1 25	13 51	1 35	22 40	0 23	19 58	0 25	7 15	13 51	23 7	23 4	21 42	4 51	5 55			
T 18	10 33	2 50	5 1	1 32	2 35	3 27	1 30	25 1	1 44	13 53	1 25	13 52	1 35	22 40	0 23	19 58	0 25	7 14	13 51	23 8	23 4	21 43	4 52	5 54			
W19	10 54	2n11	4 58	1 0	2 37	3 56	1 30	24 59	1 43	13 51	1 25	13 52	1 35	22 40	0 23	19 58	0 25	7 14	13 51	23 8	23 4	21 44	4 53	5 53			
T 20	11 15	7 2	4 41	0 27	2 38	4 25	1 29	24 56	1 43	13 49	1 25	13 52	1 35	22 40	0 23	19 58	0 25	7 13	13 52	23 9	23 4	21 45	4 55	5 52			
F 21	11 36	11 32	4 10	0n 8	2 38	4 54	1 29	24 54	1 43	13 46	1 25	13 52	1 35	22 40	0 23	19 58	0 25	7 13	13 52	23 10	23 5	21 47	4 56	5 52			
S 22	11 56	15 30	3 29	0 43	2 38	5 23	1 28	24 52	1 42	13 44	1 25	13 53	1 35	22 40	0 23	19 58	0 25	7 13	13 52	23 10	23 5	21 48	4 57	5 51			
S 23	12 16	18 46	2 38	1 20	2 38	5 52	1 28	24 49	1 42	13 42	1 25	13 53	1 35	22 40	0 23	19 58	0 25	7 12	13 52	23 11	23 5	21 49	4 58	5 50			
M24	12 36	21 13	1 41	1 58	2 37	6 20	1 27	24 47	1 42	13 40	1 25	13 53	1 35	22 40	0 23	19 58	0 25	7 12	13 52	23 11	23 5	21 50	4 59	5 49			
T 25	12 56	22 45	0 40	2 36	2 35	6 48	1 27	24 44	1 41	13 37	1 25	13 53	1 35	22 40	0 23	19 58	0 25	7 11	13 53	23 11	23 5	21 51	5 0	5 48			
W26	13 16	23 15	0n23	3 15	2 33	7 17	1 26	24 41	1 41	13 35	1 25	13 53	1 35	22 40	0 23	19 58	0 25	7 11	13 53	23 11	23 6	21 52	5 1	5 48			
T 27	13 35	22 43	1 26	3 56	2 30	7 45	1 25	24 38	1 41	13 32	1 25	13 53	1 35	22 40	0 23	19 58	0 25	7 11	13 53	23 11	23 6	21 54	5 2	5 47			
F 28	13 54	21 8	2 25	4 37	2 27	8 13	1 24	24 34	1 40	13 30	1 25	13 53	1 34	22 40	0 23	19 57	0 25	7 10	13 53	23 11	23 6	21 55	5 3	5 46			
S 29	14 13	18 33	3 19	5 19	2 23	8 40	1 23	24 31	1 40	13 28	1 25	13 53	1 34	22 40	0 23	19 57	0 25	7 10	13 53	23 11	23 6	21 56	5 4	5 45			
S 30	14n32	15n 2	4n 5	6n 2	2s19	9n 8	1s22	24n27	1n39	13s25	1n25	13n53	1n34	22s40	0s23	19n57	0s25	7s 9	13n53	23n11	23n 6	21n57	5n 5	5s44			

ASTRODIENST EPHEMERIS for the year 2243

geocentric

MAY 2243

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	14 33 33	10♈ 9'04	13♏ 39	22♏ 44	28♏ 17	13♏ 15	9°R47	27♏ 16	17°R21	28♏ 53	3°R23	7°R34	8♏ 52	24♏ 10	2°R51	M 1
T 2	14 37 30	11° 7'25	27° 5	24°31	29°31	13°50	9♏ 39	27°16	17♏ 21	28°54	3♏ 21	7♏ 28	8°49	24°17	2°D51	T 2
W 3	14 41 27	12° 5'45	10♏ 58	26°20	0♏ 45	14°24	9°31	27°16	17°20	28°55	3°20	7°20	8°46	24°23	2♏ 51	W 3
T 4	14 45 23	13° 4'03	25°17	28°11	1°59	14°59	9°24	27°17	17°20	28°55	3°18	7°11	8°42	24°30	2°51	T 4
F 5	14 49 20	14° 2'19	9♏ 56	0♏ 3	3°13	15°34	9°16	27°17	17°19	28°56	3°16	7° 3	8°39	24°36	2°51	F 5
S 6	14 53 16	15° 0'33	24°48	1°57	4°27	16° 9	9° 8	27°18	17°19	28°57	3°15	6°56	8°36	24°43	2°51	S 6
S 7	14 57 13	15°58'46	9♏ 46	3°53	5°41	16°44	9° 1	27°19	17°18	28°58	3°13	6°51	8°33	24°50	2°52	S 7
M 8	15 1 9	16°56'57	24°39	5°50	6°54	17°18	8°53	27°19	17°17	28°59	3°12	6°49	8°30	24°56	2°53	M 8
T 9	15 5 6	17°55'06	9♏ 21	7°50	8° 8	17°53	8°46	27°20	17°16	29° 0	3°10	6°D48	8°26	25° 3	2°53	T 9
W10	15 9 2	18°53'14	23°48	9°50	9°22	18°28	8°38	27°21	17°15	29° 1	3° 9	6°49	8°23	25°10	2°54	W10
T 11	15 12 59	19°51'21	7♏ 56	11°53	10°36	19° 3	8°31	27°23	17°15	29° 2	3° 7	6°50	8°20	25°16	2°55	T 11
F 12	15 16 56	20°49'26	21°45	13°57	11°50	19°38	8°23	27°24	17°14	29° 3	3° 5	6°R50	8°17	25°23	2°56	F 12
S 13	15 20 52	21°47'30	5♏ 15	16° 2	13° 4	20°13	8°16	27°25	17°13	29° 4	3° 4	6°49	8°14	25°30	2°57	S 13
S 14	15 24 49	22°45'32	18°28	18° 9	14°18	20°49	8° 9	27°27	17°12	29° 5	3° 2	6°47	8°11	25°36	2°58	S 14
M15	15 28 45	23°43'33	1°Y25	20°17	15°31	21°24	8° 2	27°28	17°10	29° 6	3° 1	6°42	8° 7	25°43	3° 0	M15
T 16	15 32 42	24°41'33	14° 9	22°26	16°45	21°59	7°55	27°30	17° 9	29° 7	2°59	6°36	8° 4	25°50	3° 1	T 16
W17	15 36 38	25°39'31	26°39	24°36	17°59	22°34	7°48	27°32	17° 8	29° 8	2°57	6°29	8° 1	25°56	3° 3	W17
T 18	15 40 35	26°37'28	8♏ 59	26°47	19°13	23° 9	7°41	27°34	17° 7	29°10	2°56	6°21	7°58	26° 3	3° 4	T 18
F 19	15 44 31	27°35'24	21° 9	28°58	20°27	23°45	7°34	27°36	17° 6	29°11	2°54	6°15	7°55	26°10	3° 6	F 19
S 20	15 48 28	28°33'18	3♏ 9	1♏ 9	21°40	24°20	7°27	27°38	17° 4	29°12	2°52	6° 9	7°52	26°16	3° 8	S 20
S 21	15 52 25	29°31'11	15° 3	3°20	22°54	24°55	7°20	27°40	17° 3	29°13	2°51	6° 5	7°48	26°23	3°10	S 21
M22	15 56 21	0♏ 29'02	26°52	5°31	24° 8	25°31	7°14	27°42	17° 2	29°15	2°49	6° 3	7°45	26°30	3°12	M22
T 23	16 0 18	1°26'51	8♏ 39	7°41	25°22	26° 6	7° 7	27°45	17° 0	29°16	2°47	6°D 3	7°42	26°36	3°14	T 23
W24	16 4 14	2°24'40	20°26	9°50	26°36	26°42	7° 1	27°47	16°59	29°17	2°46	6° 4	7°39	26°43	3°17	W24
T 25	16 8 11	3°22'26	2♏ 18	11°57	27°49	27°17	6°55	27°50	16°57	29°19	2°44	6° 5	7°36	26°49	3°19	T 25
F 26	16 12 7	4°20'11	14°19	14° 4	29° 3	27°53	6°48	27°53	16°56	29°20	2°42	6° 7	7°32	26°56	3°22	F 26
S 27	16 16 4	5°17'54	26°33	16° 8	0♏ 17	28°28	6°42	27°56	16°54	29°22	2°41	6° 8	7°29	27° 3	3°24	S 27
S 28	16 20 0	6°15'36	9♏ 6	18°11	1°31	29° 4	6°37	27°58	16°53	29°23	2°39	6°R 9	7°26	27° 9	3°27	S 28
M29	16 23 57	7°13'16	22° 1	20°11	2°44	29°39	6°31	28° 1	16°51	29°25	2°37	6° 8	7°23	27°16	3°30	M29
T 30	16 27 54	8°10'54	5♏ 23	22°10	3°58	0♏ 15	6°25	28° 5	16°49	29°26	2°36	6° 5	7°20	27°23	3°33	T 30
W31	16 31 50	9♏ 8'31	19♏ 12	24♏ 5	5♏ 12	0♏ 51	6♏ 20	28♏ 8	16♏ 47	29♏ 28	2♏ 34	6♏ 2	7♏ 17	27♏ 29	3♏ 36	W31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
M 1	14n51	10n44	4n40	6n45	2s14	9n35	1s21	24n23	1n39	13s23	1n25	13n53	1n34	22s40	0s23	19n57
T 2	15 9	5 46	5 1	7 29	2 9	10 2	1 20	24 20	1 39	13 21	1 25	13 53	1 34	22 40	0 23	19 57
W 3	15 27	0 21	5 5	8 14	2 3	10 29	1 19	24 16	1 38	13 18	1 25	13 53	1 34	22 40	0 23	19 57
T 4	15 44	5s15	4 51	8 59	1 57	10 56	1 18	24 11	1 38	13 16	1 24	13 52	1 34	22 40	0 23	19 57
F 5	16 2	10 42	4 18	9 45	1 50	11 22	1 16	24 7	1 38	13 14	1 24	13 52	1 34	22 41	0 23	19 57
S 6	16 19	15 36	3 26	10 31	1 43	11 48	1 15	24 2	1 37	13 11	1 24	13 52	1 34	22 41	0 23	19 56
S 7	16 36	19 34	2 20	11 18	1 35	12 14	1 14	23 58	1 37	13 9	1 24	13 51	1 34	22 41	0 24	19 56
M 8	16 53	22 13	1 5	12 5	1 27	12 40	1 12	23 53	1 36	13 7	1 24	13 51	1 34	22 41	0 24	19 56
T 9	17 9	23 18	0s14	12 51	1 19	13 5	1 11	23 48	1 36	13 4	1 24	13 51	1 33	22 41	0 24	19 56
W10	17 25	22 48	1 31	13 38	1 10	13 30	1 9	23 43	1 36	13 2	1 24	13 50	1 33	22 41	0 24	19 56
T 11	17 41	20 50	2 40	14 25	1 1	13 55	1 8	23 38	1 35	13 0	1 24	13 50	1 33	22 41	0 24	19 56
F 12	17 56	17 41	3 39	15 11	0 51	14 19	1 6	23 32	1 35	12 58	1 24	13 49	1 33	22 41	0 24	19 55
S 13	18 11	13 40	4 24	15 57	0 41	14 43	1 4	23 27	1 35	12 55	1 24	13 48	1 33	22 42	0 24	19 55
S 14	18 26	9 4	4 54	16 43	0 31	15 6	1 3	23 21	1 34	12 53	1 23	13 48	1 33	22 42	0 24	19 55
M15	18 41	4 9	5 8	17 27	0 21	15 30	1 1	23 15	1 34	12 51	1 23	13 47	1 33	22 42	0 24	19 55
T 16	18 55	0n51	5 7	18 11	0 11	15 53	0 59	23 9	1 33	12 49	1 23	13 47	1 33	22 42	0 24	19 55
W17	19 9	5 45	4 51	18 54	0 0	16 15	0 57	23 3	1 33	12 47	1 23	13 46	1 33	22 42	0 24	19 54
T 18	19 22	10 21	4 21	19 35	0n11	16 37	0 55	22 57	1 33	12 45	1 23	13 45	1 33	22 42	0 24	19 54
F 19	19 36	14 29	3 40	20 15	0 21	16 59	0 53	22 50	1 32	12 43	1 23	13 44	1 33	22 43	0 24	19 54
S 20	19 49	17 59	2 50	20 52	0 31	17 20	0 52	22 44	1 32	12 41	1 23	13 44	1 32	22 43	0 24	19 54
S 21	20 1	20 43	1 52	21 28	0 42	17 40	0 50	22 37	1 31	12 39	1 22	13 43	1 32	22 43	0 24	19 53
M22	20 13	22 32	0 50	22 2	0 51	18 1	0 48	22 30	1 31	12 37	1 22	13 42	1 32	22 43	0 24	19 53
T 23	20 25	23 22	0n14	22 34	1 1	18 21	0 45	22 23	1 31	12 35	1 22	13 41	1 32	22 43	0 24	19 53
W24	20 37	23 8	1 18	23 3	1 10	18 40	0 43	22 16	1 30	12 33	1 22	13 40	1 32	22 44	0 24	19 53
T 25	20 48	21 52	2 19	23 30	1 19	18 59	0 41	22 9	1 30	12 31	1 22	13 39	1 32	22 44	0 24	19 52
F 26	20 59	19 37	3 15	23 54	1 27	19 17	0 39	22 1	1 29	12 29	1 22	13 38	1 32	22 44	0 24	19 52
S 27	21 9	16 27	4 2	24 15	1 34	19 35	0 37	21 54	1 29	12 27	1 21	13 37	1 32	22 44	0 24	19 52
S 28	21 19	12 28	4 40	24 34	1 41	19 52	0 35	21 46	1 29	12 26	1 21	13 36	1 32	22 44	0 24	19 52
M29	21 29	7 50	5 5	24 50	1 47	20 9	0 33	21 38	1 28	12 24	1 21	13 35	1 32	22 45	0 24	19 51
T 30	21 39	2 40	5 14	25 3	1 53	20 25	0 30	21 30	1 28	12 22	1 21	13 33	1 32	22 45	0 24	19 51
W31	21n47	2s47	5n 6	25n14	1n58	20n41	0s28	21n22	1n27	12s21	1n21	13n32	1n31	22s45	0s24	19n51

Julian Day Number = 2540418.5, Delta T = 211.73 sec
 Ecliptic obliquity = 23°24'26", Nutation = - 0°00'18", out-of-bounds declination in red
 Ayanamsha: Fagan/Bradley = 28°08'28", Lahiri = 27°15'28"

ASTRODIENST EPHEMERIS for the year 2243
geocentric

JUNE 2243

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	16 35 47	10II 6'07	3III29	25II59	6II26	1Ω26	6°R14	28Ω11	16°R46	29Ω29	2°R33	5°R59	7Ω13	27II36	3III39	T 1
F 2	16 39 43	11° 3'41	18°10	27°49	7°39	2° 2	6III 9	28°14	16Ω44	29°31	2°R31	5Ω55	7°10	27°43	3°42	F 2
S 3	16 43 40	12° 1'14	3°R10	29°37	8°53	2°38	6° 4	28°18	16°42	29°32	2°29	5°53	7° 7	27°49	3°46	S 3
S 4	16 47 36	12°58'46	18°19	19Ω23	10° 7	3°14	5°59	28°21	16°40	29°34	2°28	5°51	7° 4	27°56	3°49	S 4
M 5	16 51 33	13°56'17	3Ω28	3° 5	11°21	3°49	5°54	28°25	16°38	29°36	2°26	5°D50	7° 1	28° 3	3°53	M 5
T 6	16 55 29	14°53'47	18°29	4°45	12°34	4°25	5°50	28°29	16°36	29°37	2°24	5°50	6°58	28° 9	3°56	T 6
W 7	16 59 26	15°51'16	3°R13	6°21	13°48	5° 1	5°45	28°33	16°35	29°39	2°23	5°51	6°54	28°16	4° 0	W 7
T 8	17 3 23	16°48'45	17°36	7°55	15° 2	5°37	5°41	28°36	16°33	29°41	2°21	5°53	6°51	28°23	4° 4	T 8
F 9	17 7 19	17°46'12	1°R35	9°26	16°16	6°13	5°37	28°40	16°31	29°42	2°20	5°54	6°48	28°29	4° 8	F 9
S 10	17 11 16	18°43'39	15°10	10°54	17°29	6°49	5°33	28°44	16°28	29°44	2°18	5°R54	6°45	28°36	4°12	S 10
S 11	17 15 12	19°41'05	28°21	12°19	18°43	7°25	5°29	28°49	16°26	29°46	2°16	5°54	6°42	28°42	4°16	S 11
M12	17 19 9	20°38'31	11°R12	13°41	19°57	8° 1	5°25	28°53	16°24	29°48	2°15	5°53	6°38	28°49	4°20	M12
T 13	17 23 5	21°35'56	23°46	15° 0	21°10	8°37	5°22	28°57	16°22	29°50	2°13	5°52	6°35	28°56	4°24	T 13
W14	17 27 2	22°33'20	6°R 5	16°16	22°24	9°13	5°18	29° 2	16°20	29°51	2°12	5°50	6°32	29° 2	4°29	W14
T 15	17 30 58	23°30'44	18°12	17°28	23°38	9°49	5°15	29° 6	16°18	29°53	2°10	5°48	6°29	29° 9	4°33	T 15
F 16	17 34 55	24°28'07	0°R11	18°38	24°52	10°25	5°12	29°11	16°16	29°55	2° 9	5°47	6°26	29°16	4°38	F 16
S 17	17 38 52	25°25'29	12° 3	19°44	26° 5	11° 1	5° 9	29°15	16°14	29°57	2° 7	5°45	6°23	29°22	4°43	S 17
S 18	17 42 48	26°22'51	23°52	20°47	27°19	11°38	5° 6	29°20	16°11	29°59	2° 6	5°45	6°19	29°29	4°47	S 18
M19	17 46 45	27°20'13	5Ω28	21°46	28°33	12°14	5° 4	29°25	16° 9	0Ω 1	2° 4	5°D44	6°16	29°36	4°52	M19
T 20	17 50 41	28°17'33	17°26	22°42	29°47	12°50	5° 2	29°30	16° 7	0° 3	2° 3	5°45	6°13	29°42	4°57	T 20
W21	17 54 38	29°14'53	29°17	23°34	1°R 0	13°26	5° 0	29°35	16° 5	0° 5	2° 1	5°45	6°10	29°49	5° 2	W21
T 22	17 58 34	0Ω12'12	11Ω14	24°23	2°14	14° 3	4°58	29°40	16° 2	0° 7	2° 0	5°46	6° 7	29°56	5° 7	T 22
F 23	18 2 31	1° 9'30	23°19	25° 8	3°28	14°39	4°56	29°45	16° 0	0° 9	1°59	5°46	6° 4	0Ω 2	5°12	F 23
S 24	18 6 28	2° 6'48	5°R37	25°49	4°42	15°15	4°54	29°50	15°58	0°11	1°57	5°47	6° 0	0° 9	5°18	S 24
S 25	18 10 24	3° 4'05	18°11	26°26	5°55	15°52	4°53	29°55	15°55	0°13	1°56	5°47	5°57	0°16	5°23	S 25
M26	18 14 21	4° 1'21	1°R 5	26°59	7° 9	16°28	4°51	0°R 0	15°53	0°15	1°55	5°R47	5°54	0°22	5°28	M26
T 27	18 18 17	4°58'36	14°21	27°27	8°23	17° 4	4°50	0° 6	15°51	0°17	1°53	5°47	5°51	0°29	5°34	T 27
W28	18 22 14	5°55'51	28° 2	27°52	9°36	17°41	4°50	0°11	15°48	0°19	1°52	5°D47	5°48	0°35	5°39	W28
T 29	18 26 10	6°53'05	12°R 9	28°12	10°50	18°17	4°49	0°17	15°46	0°21	1°51	5°47	5°44	0°42	5°45	T 29
F 30	18 30 7	7Ω50'18	26°R40	28Ω27	12Ω 4	18Ω54	4°R48	0°R22	15Ω43	0Ω23	1°R49	5Ω47	5Ω41	0Ω49	5°R51	F 30

Day	☉	☾		♀		♀		♂		♂		♂		♂		♂		♂		♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	21n56	8s17	4n39	25n22	2n 2	20n56	0s26	21n14	1n27	12s19	1n20	13n31	1n31	22s45	0s24	19n50	0s24	7s 0	13n53	23n16	23n13	22n31	5n12	5s18
F 2	22 4	13 29	3 53	25 28	2 5	21 10	0 23	21 5	1 27	12 17	1 20	13 30	1 31	22 46	0 24	19 50	0 24	7 0	13 53	23 16	23 13	22 32	5 12	5 17
S 3	22 12	17 58	2 50	25 32	2 7	21 24	0 21	20 57	1 26	12 16	1 20	13 29	1 31	22 46	0 24	19 50	0 24	7 0	13 53	23 17	23 13	22 33	5 12	5 17
S 4	22 20	21 19	1 35	25 33	2 9	21 38	0 19	20 48	1 26	12 15	1 20	13 27	1 31	22 46	0 24	19 49	0 24	7 0	13 53	23 17	23 13	22 34	5 11	5 16
M 5	22 27	23 9	0 13	25 32	2 10	21 50	0 16	20 39	1 25	12 13	1 20	13 26	1 31	22 46	0 24	19 49	0 24	7 0	13 53	23 17	23 13	22 35	5 11	5 15
T 6	22 33	23 17	1s 9	25 29	2 10	22 2	0 14	20 30	1 25	12 12	1 19	13 25	1 31	22 47	0 24	19 49	0 24	7 0	13 52	23 17	23 13	22 36	5 10	5 14
W 7	22 39	21 46	2 26	25 24	2 9	22 14	0 12	20 21	1 25	12 11	1 19	13 23	1 31	22 47	0 24	19 48	0 24	6 59	13 52	23 17	23 14	22 37	5 9	5 13
T 8	22 45	18 53	3 31	25 17	2 7	22 25	0 9	20 12	1 24	12 9	1 19	13 22	1 31	22 47	0 24	19 48	0 24	6 59	13 52	23 17	23 14	22 38	5 9	5 13
F 9	22 51	14 58	4 22	25 9	2 5	22 35	0 7	20 3	1 24	12 8	1 19	13 20	1 31	22 47	0 24	19 48	0 24	6 59	13 52	23 17	23 14	22 39	5 8	5 12
S 10	22 56	10 23	4 56	24 59	2 2	22 45	0 5	19 53	1 23	12 7	1 18	13 19	1 31	22 48	0 24	19 47	0 24	6 59	13 52	23 17	23 14	22 40	5 7	5 11
S 11	23 0	5 27	5 14	24 48	1 58	22 53	0 2	19 44	1 23	12 6	1 18	13 17	1 31	22 48	0 24	19 47	0 24	6 59	13 51	23 17	23 14	22 41	5 6	5 10
M12	23 5	0 24	5 15	24 35	1 53	23 2	0n 0	19 34	1 23	12 5	1 18	13 16	1 30	22 48	0 24	19 47	0 24	6 59	13 51	23 17	23 14	22 42	5 6	5 10
T 13	23 8	4n32	5 1	24 21	1 48	23 9	0 3	19 24	1 22	12 4	1 18	13 14	1 30	22 49	0 24	19 46	0 24	6 59	13 51	23 17	23 15	22 43	5 5	5 9
W14	23 12	9 13	4 34	24 6	1 42	23 16	0 5	19 14	1 22	12 3	1 17	13 13	1 30	22 49	0 24	19 46	0 24	6 59	13 51	23 17	23 15	22 44	5 4	5 8
T 15	23 15	13 28	3 54	23 50	1 35	23 23	0 7	19 4	1 21	12 3	1 17	13 11	1 30	22 49	0 24	19 46	0 24	6 59	13 51	23 17	23 15	22 45	5 3	5 7
F 16	23 17	17 9	3 5	23 33	1 27	23 28	0 10	18 54	1 21	12 2	1 17	13 9	1 30	22 49	0 24	19 45	0 24	6 59	13 50	23 17	23 15	22 46	5 2	5 7
S 17	23 20	20 6	2 8	23 15	1 19	23 33	0 12	18 44	1 21	12 1	1 17	13 8	1 30	22 50	0 24	19 45	0 24	6 59	13 50	23 17	23 15	22 47	5 1	5 6
S 18	23 21	22 10	1 5	22 57	1 10	23 37	0 14	18 34	1 20	12 0	1 16	13 6	1 30	22 50	0 24	19 44	0 24	6 59	13 50	23 17	23 15	22 48	5 0	5 5
M19	23 23	23 17	0 1	22 38	1 0	23 41	0 17	18 23	1 20	12 0	1 16	13 4	1 30	22 50	0 24	19 44	0 24	6 59	13 49	23 17	23 16	22 48	4 59	5 5
T 20	23 24	23 20	1n 5	22 19	0 50	23 43	0 19	18 12	1 19	11 59	1 16	13 2	1 30	22 50	0 24	19 44	0 24	6 59	13 49	23 17	23 16	22 49	4 58	5 4
W21	23 24	22 21	2 7	21 59	0 39	23 46	0 21	18 2	1 19	11 59	1 16	13 0	1 30	22 51	0 25	19 43	0 24	6 59	13 49	23 17	23 16	22 50	4 57	5 3
T 22	23 24	20 21	3 5	21 39	0 27	23 47	0 24	17 51	1 19	11 58	1 15	12 59	1 30	22 51	0 25	19 43	0 24	6 59	13 49	23 17	23 16	22 51	4 55	5 3
F 23	23 24	17 25	3 55	21 19	0 15	23 48	0 26	17 40	1 18	11 58	1 15	12 57	1 30	22 51	0 25	19 42	0 24	6 59	13 48	23 17	23 16	22 52	4 54	5 2
S 24	23 23	13 42	4 35	20 59	0 2	23 48	0 28	17 29	1 18	11 58	1 15	12 55	1 30	22 52	0 25	19 42	0 24	6 59	13 48	23 17	23 16	22 53	4 53	5 1
S 25	23 22	9 19	5 3	20 39	0s12	23 47	0 30	17 17	1 17	11 58	1 15	12 53	1 30	22 52	0 25	19 42	0 24	6 59	13 48	23 17	23 16	22 54	4 52	5 0
M26	23 21	4 25	5 17	20 19	0 26	23 46	0 33	17 6	1 17	11 57	1 14	12 51	1 30	22 52	0 25	19 41	0 24	6 59	13 47	23 17	23 17	22 55	4 50	5 0
T 27	23 19	0s49	5 14	19 59	0 40	23 43	0 35	16 55	1 16	11 57	1 14	12 49	1 30	22 53	0 25	19 41	0 24	6 59	13 47	23 17	23 17	22 55	4 49	4 59
W28	23 16	6 10	4 54	19 40	0 55	23 41	0 37	16 43	1 16	11 57	1 14	12 47	1 29	22 53	0 25	19 40	0 23	6 59	13 47	23 17	23 17	22 56	4 48	4 58
T 29	23 14	11 23	4 16	19 21	1 10	23 37	0 39	16 32	1 16	11 57	1 14	12 45	1 29	22 53	0 25	19 40	0 23	6 59	13 46	23 17	23 17	22 57	4 46	4 58
F 30	23n11	16s 7	3n21	19n 3	1s25	23n33	0n41	16n20	1n15	11s57	1n13	12n43	1n29	22s53	0s25	19n40	0s23	7s 0	13n46	23n17	23n17	22n58	4n45	4s57

ASTRODIENST EPHEMERIS for the year 2243
geocentric

JULY 2243

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	18 34 3	8♌47°31	11♊31	28♌38	13♌18	19♏30	4♌48	0♏28	15♌41	0♏25	1♌48	5♌47	5♌38	0♌55	5♏57	S 1
S 2	18 38 0	9°44'44	26°37	28°44	14°31	20° 7	4♌48	0°33	15♌39	0°27	1♌47	5°47	5°35	1° 2	6° 2	S 2
M 3	18 41 57	10°41'56	11♌48	28♌46	15°45	20°43	4♏48	0°39	15°36	0°29	1°46	5♌47	5°32	1° 9	6° 8	M 3
T 4	18 45 53	11°39'08	26°56	28°43	16°59	21°20	4°48	0°45	15°34	0°32	1°45	5°47	5°29	1°15	6°14	T 4
W 5	18 49 50	12°36'20	11♌51	28°36	18°13	21°56	4°48	0°51	15°31	0°34	1°43	5°47	5°25	1°22	6°21	W 5
T 6	18 53 46	13°33'32	26°26	28°24	19°26	22°33	4°49	0°57	15°29	0°36	1°42	5°46	5°22	1°29	6°27	T 6
F 7	18 57 43	14°30'44	10♌36	28° 8	20°40	23°10	4°50	1° 3	15°27	0°38	1°41	5°45	5°19	1°35	6°33	F 7
S 8	19 1 39	15°27'56	24°19	27°47	21°54	23°46	4°51	1° 9	15°24	0°40	1°40	5°44	5°16	1°42	6°39	S 8
S 9	19 5 36	16°25'08	7♏35	27°23	23° 7	24°23	4°52	1°15	15°22	0°42	1°39	5°44	5°13	1°49	6°46	S 9
M10	19 9 32	17°22'20	20°27	26°56	24°21	25° 0	4°53	1°21	15°19	0°44	1°38	5♌43	5°10	1°55	6°52	M10
T 11	19 13 29	18°19'33	2♌58	26°25	25°35	25°37	4°54	1°27	15°17	0°47	1°37	5°44	5° 6	2° 2	6°58	T 11
W12	19 17 26	19°16'46	15°12	25°51	26°49	26°13	4°56	1°34	15°14	0°49	1°36	5°45	5° 3	2° 8	7° 5	W12
T 13	19 21 22	20°14'00	27°13	25°16	28° 2	26°50	4°58	1°40	15°12	0°51	1°35	5°46	5° 0	2°15	7°12	T 13
F 14	19 25 19	21°11'14	9♏ 6	24°39	29°16	27°27	5° 0	1°46	15°10	0°53	1°34	5°47	4°57	2°22	7°18	F 14
S 15	19 29 15	22° 8'28	20°54	24° 0	0♏30	28° 4	5° 2	1°53	15° 7	0°55	1°33	5°48	4°54	2°28	7°25	S 15
S 16	19 33 12	23° 5'42	2♌40	23°22	1°44	28°41	5° 4	1°59	15° 5	0°58	1°32	5♌49	4°50	2°35	7°32	S 16
M17	19 37 8	24° 2'57	14°28	22°44	2°58	29°18	5° 7	2° 6	15° 2	1° 0	1°32	5°49	4°47	2°42	7°39	M17
T 18	19 41 5	25° 0'12	26°21	22° 6	4°11	29°55	5° 9	2°12	15° 0	1° 2	1°31	5°48	4°44	2°48	7°46	T 18
W19	19 45 1	25°57'27	8♏19	21°31	5°25	0♏32	5°12	2°19	14°58	1° 4	1°30	5°46	4°41	2°55	7°53	W19
T 20	19 48 58	26°54'43	20°26	20°58	6°39	1° 9	5°15	2°26	14°55	1° 6	1°29	5°43	4°38	3° 2	8° 0	T 20
F 21	19 52 55	27°51'59	2♏42	20°27	7°53	1°46	5°18	2°32	14°53	1° 9	1°29	5°39	4°35	3° 8	8° 7	F 21
S 22	19 56 51	28°49'14	15°11	20° 0	9° 6	2°23	5°22	2°39	14°51	1°11	1°28	5°36	4°31	3°15	8°14	S 22
S 23	20 0 48	29°46'30	27°53	19°37	10°20	3° 0	5°25	2°46	14°48	1°13	1°27	5°33	4°28	3°22	8°21	S 23
M24	20 4 44	0♏43'47	10♌51	19°19	11°34	3°37	5°29	2°53	14°46	1°15	1°27	5°30	4°25	3°28	8°28	M24
T 25	20 8 41	1°41'03	24° 7	19° 5	12°48	4°14	5°33	2°59	14°44	1°18	1°26	5°29	4°22	3°35	8°36	T 25
W26	20 12 37	2°38'20	7♏42	18°56	14° 2	4°52	5°37	3° 6	14°41	1°20	1°25	5♌29	4°19	3°41	8°43	W26
T 27	20 16 34	3°35'36	21°37	18°D53	15°15	5°29	5°41	3°13	14°39	1°22	1°25	5°30	4°16	3°48	8°50	T 27
F 28	20 20 30	4°32'54	5♌53	18°55	16°29	6° 6	5°45	3°20	14°37	1°24	1°24	5°31	4°12	3°55	8°58	F 28
S 29	20 24 27	5°30'11	20°28	19° 3	17°43	6°43	5°50	3°27	14°35	1°26	1°24	5°32	4° 9	4° 1	9° 5	S 29
S 30	20 28 24	6°27'29	5♌17	19°17	18°57	7°21	5°54	3°34	14°32	1°29	1°23	5♌33	4° 6	4° 8	9°13	S 30
M31	20 32 20	7♌24'48	20♌15	19♌37	20♌10	7♏58	5♏59	3♏41	14♌30	1♌23	1♌23	5♌32	4♌ 3	4♌15	9♏20	M31

Day	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl
S 1	23n 7	19s58	2n11	18n45	1s41	23n28	0n43	16n 8	1n15	11s57	1n13	12n41	1n29	22s54	0s25	19n39
S 2	23 3	22 31	0 51	18 28	1 57	23 22	0 46	15 56	1 14	11 58	1 13	12 39	1 29	22 54	0 25	19 39
M 3	22 59	23 26	0s33	18 12	2 13	23 16	0 48	15 44	1 14	11 58	1 12	12 37	1 29	22 54	0 25	19 38
T 4	22 54	22 37	1 55	17 57	2 29	23 9	0 50	15 32	1 14	11 58	1 12	12 35	1 29	22 55	0 25	19 38
W 5	22 49	20 13	3 7	17 43	2 45	23 1	0 52	15 20	1 13	11 59	1 12	12 33	1 29	22 55	0 25	19 37
T 6	22 43	16 32	4 6	17 31	3 0	22 53	0 53	15 7	1 13	11 59	1 12	12 31	1 29	22 55	0 25	19 37
F 7	22 37	12 1	4 47	17 19	3 15	22 44	0 55	14 55	1 12	12 0	1 11	12 28	1 29	22 55	0 25	19 36
S 8	22 31	7 1	5 11	17 9	3 30	22 34	0 57	14 42	1 12	12 0	1 11	12 26	1 29	22 56	0 25	19 36
S 9	22 24	1 51	5 17	17 0	3 44	22 24	0 59	14 30	1 11	12 1	1 11	12 24	1 29	22 56	0 25	19 36
M10	22 17	3n14	5 7	16 52	3 57	22 13	1 1	14 17	1 11	12 1	1 11	12 22	1 29	22 56	0 25	19 35
T 11	22 9	8 3	4 42	16 46	4 9	22 1	1 2	14 4	1 11	12 2	1 10	12 20	1 29	22 57	0 25	19 35
W12	22 1	12 28	4 5	16 41	4 20	21 49	1 4	13 51	1 10	12 3	1 10	12 17	1 29	22 57	0 25	19 34
T 13	21 53	16 18	3 18	16 38	4 30	21 36	1 6	13 39	1 10	12 4	1 10	12 15	1 29	22 57	0 25	19 34
F 14	21 44	19 26	2 23	16 36	4 38	21 22	1 7	13 25	1 9	12 5	1 10	12 13	1 29	22 57	0 25	19 33
S 15	21 35	21 44	1 22	16 36	4 45	21 8	1 9	13 12	1 9	12 6	1 9	12 10	1 29	22 58	0 25	19 33
S 16	21 26	23 5	0 17	16 37	4 51	20 54	1 10	12 59	1 8	12 7	1 9	12 8	1 29	22 58	0 25	19 32
M17	21 16	23 25	0n48	16 39	4 54	20 38	1 12	12 46	1 8	12 8	1 9	12 6	1 29	22 58	0 25	19 32
T 18	21 6	22 40	1 51	16 43	4 57	20 22	1 13	12 32	1 8	12 9	1 8	12 3	1 29	22 59	0 25	19 31
W19	20 56	20 54	2 50	16 48	4 57	20 6	1 15	12 19	1 7	12 10	1 8	12 1	1 29	22 59	0 25	19 31
T 20	20 45	18 10	3 42	16 54	4 56	19 49	1 16	12 5	1 7	12 11	1 8	11 59	1 29	22 59	0 25	19 30
F 21	20 34	14 36	4 24	17 1	4 53	19 31	1 17	11 52	1 6	12 13	1 8	11 56	1 29	22 59	0 25	19 30
S 22	20 22	10 22	4 55	17 10	4 48	19 13	1 18	11 38	1 6	12 14	1 7	11 54	1 29	23 0	0 25	19 30
S 23	20 10	5 36	5 12	17 19	4 43	18 54	1 19	11 24	1 5	12 15	1 7	11 51	1 29	23 0	0 25	19 29
M24	19 58	0 31	5 13	17 29	4 35	18 35	1 20	11 10	1 5	12 17	1 7	11 49	1 29	23 0	0 25	19 29
T 25	19 46	4s43	4 58	17 39	4 26	18 15	1 21	10 57	1 4	12 18	1 7	11 46	1 29	23 0	0 25	19 28
W26	19 33	9 51	4 26	17 50	4 17	17 55	1 22	10 43	1 4	12 20	1 6	11 44	1 29	23 1	0 25	19 28
T 27	19 19	14 38	3 38	18 1	4 6	17 34	1 23	10 28	1 4	12 21	1 6	11 41	1 29	23 1	0 25	19 27
F 28	19 6	18 42	2 36	18 13	3 54	17 13	1 24	10 14	1 3	12 23	1 6	11 39	1 29	23 1	0 25	19 27
S 29	18 52	21 42	1 22	18 24	3 41	16 51	1 25	10 0	1 3	12 25	1 6	11 36	1 29	23 1	0 25	19 26
S 30	18 38	23 17	0 1	18 36	3 28	16 29	1 25	9 46	1 2	12 27	1 5	11 34	1 29	23 2	0 25	19 26
M31	18n24	23s12	1s20	18n47	3s13	16n 6	1n26	9n32	1n 2	12s28	1n 5	11n31	1n29	23s 2	0s25	19n25

Julian Day Number = 2540479.5, Delta T = 211.94 sec
Ecliptic obliquity = 23°24'26, Nutation = -0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 28°08'36, Lahiri = 27°15'37

ASTRODIENST EPHEMERIS for the year 2243
geocentric

AUGUST 2243

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	20 36 17	8♂22'07	5♂15	20♂3	21♂24	8♂35	6♂4	3♂49	14°R28	1♂233	1°R23	5°R30	4♂0	4♂21	9♂28	T 1
W 2	20 40 13	9°19'26	20° 7	20°35	22°38	9°13	6° 9	3°56	14♂26	1°35	1♂22	5♂26	3°56	4°28	9°35	W 2
T 3	20 44 10	10°16'47	4♂43	21°13	23°52	9°50	6°14	4° 3	14°24	1°38	1°22	5°22	3°53	4°35	9°43	T 3
F 4	20 48 6	11°14'08	18°58	21°57	25° 5	10°28	6°20	4°10	14°22	1°40	1°22	5°16	3°50	4°41	9°51	F 4
S 5	20 52 3	12°11'30	2♂47	22°47	26°19	11° 5	6°25	4°17	14°20	1°42	1°21	5°11	3°47	4°48	9°59	S 5
S 6	20 55 59	13° 8'53	16° 8	23°43	27°33	11°42	6°31	4°25	14°18	1°44	1°21	5° 7	3°44	4°55	10° 6	S 6
M 7	20 59 56	14° 6'17	29° 4	24°44	28°47	12°20	6°37	4°32	14°16	1°46	1°21	5° 4	3°41	5° 1	10°14	M 7
T 8	21 3 53	15° 3'43	11♂36	25°52	0♂0	12°58	6°43	4°39	14°14	1°49	1°21	5°D 3	3°37	5° 8	10°22	T 8
W 9	21 7 49	16° 1'10	23°50	27° 4	1°14	13°35	6°49	4°47	14°12	1°51	1°21	5° 3	3°34	5°15	10°30	W 9
T 10	21 11 46	16°58'38	5♂49	28°22	2°28	14°13	6°55	4°54	14°10	1°53	1°21	5° 5	3°31	5°21	10°38	T 10
F 11	21 15 42	17°56'07	17°40	29°45	3°42	14°50	7° 2	5° 1	14° 8	1°55	1°21	5° 6	3°28	5°28	10°46	F 11
S 12	21 19 39	18°53'37	29°27	1♂13	4°55	15°28	7° 8	5° 9	14° 6	1°57	1°D20	5°R 7	3°25	5°34	10°54	S 12
S 13	21 23 35	19°51'09	11♂15	2°45	6° 9	16° 6	7°15	5°16	14° 4	1°59	1°20	5° 7	3°22	5°41	11° 2	S 13
M14	21 27 32	20°48'42	23° 7	4°22	7°23	16°44	7°22	5°24	14° 3	2° 1	1°21	5° 5	3°18	5°48	11°10	M14
T 15	21 31 28	21°46'16	5♂6	6° 3	8°37	17°21	7°29	5°31	14° 1	2° 4	1°21	5° 2	3°15	5°54	11°18	T 15
W16	21 35 25	22°43'51	17°15	7°48	9°50	17°59	7°36	5°39	13°59	2° 6	1°21	4°56	3°12	6° 1	11°26	W16
T 17	21 39 22	23°41'27	29°36	9°36	11° 4	18°37	7°43	5°46	13°57	2° 8	1°21	4°48	3° 9	6° 8	11°34	T 17
F 18	21 43 18	24°39'05	12♂9	11°27	12°18	19°15	7°51	5°54	13°56	2°10	1°21	4°39	3° 6	6°14	11°43	F 18
S 19	21 47 15	25°36'43	24°55	13°20	13°32	19°53	7°58	6° 1	13°54	2°12	1°21	4°30	3° 2	6°21	11°51	S 19
S 20	21 51 11	26°34'23	7♂53	15°16	14°45	20°31	8° 6	6° 9	13°53	2°14	1°21	4°22	2°59	6°28	11°59	S 20
M21	21 55 8	27°32'04	21° 4	17°13	15°59	21° 9	8°13	6°16	13°51	2°16	1°22	4°15	2°56	6°34	12° 7	M21
T 22	21 59 4	28°29'45	4♂28	19°12	17°13	21°47	8°21	6°24	13°49	2°18	1°22	4°11	2°53	6°41	12°15	T 22
W23	22 3 1	29°27'28	18° 5	21°12	18°26	22°25	8°29	6°31	13°48	2°20	1°22	4° 8	2°50	6°48	12°24	W23
T 24	22 6 57	0♂25'12	1♂56	23°13	19°40	23° 3	8°37	6°39	13°47	2°22	1°23	4°D 8	2°47	6°54	12°32	T 24
F 25	22 10 54	1°22'57	16° 0	25°14	20°54	23°41	8°46	6°46	13°45	2°24	1°23	4° 8	2°43	7° 1	12°40	F 25
S 26	22 14 51	2°20'43	0♂17	27°15	22° 7	24°19	8°54	6°54	13°44	2°26	1°24	4°R 9	2°40	7° 7	12°49	S 26
S 27	22 18 47	3°18'30	14°46	29°15	23°21	24°57	9° 2	7° 2	13°43	2°28	1°24	4° 8	2°37	7°14	12°57	S 27
M28	22 22 44	4°16'19	29°22	1♂16	24°35	25°35	9°11	7° 9	13°41	2°30	1°25	4° 6	2°34	7°21	13° 5	M28
T 29	22 26 40	5°14'08	14♂1	3°16	25°48	26°13	9°20	7°17	13°40	2°32	1°25	4° 1	2°31	7°27	13°14	T 29
W30	22 30 37	6°11'59	28°36	5°15	27° 2	26°52	9°29	7°24	13°39	2°34	1°26	3°54	2°27	7°34	13°22	W30
T 31	22 34 33	7♂9'51	13♂0	7♂13	28♂16	27♂30	9♂37	7♂32	13♂38	2♂36	1♂26	3♂45	2♂24	7♂41	13♂31	T 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
T 1	18n 9	21s27	2s35	18n58	2s59	15n43	1n27	9n17	1n 1	12s30	1n 5	11n28	1n29	23s 2	0s25	19n25
W 2	17 54	18 14	3 40	19 8	2 44	15 20	1 27	9 3	1 1	12 32	1 5	11 26	1 29	23 2	0 25	19 24
T 3	17 39	13 56	4 28	19 17	2 29	14 56	1 28	8 48	1 0	12 34	1 4	11 23	1 29	23 2	0 25	19 24
F 4	17 23	8 57	4 59	19 26	2 13	14 31	1 28	8 34	1 0	12 36	1 4	11 21	1 29	23 3	0 25	19 23
S 5	17 7	3 39	5 11	19 33	1 58	14 7	1 28	8 19	1 0	12 38	1 4	11 18	1 29	23 3	0 25	19 23
S 6	16 51	1n38	5 6	19 39	1 42	13 42	1 28	8 4	0 59	12 40	1 4	11 15	1 29	23 3	0 25	19 22
M 7	16 34	6 41	4 45	19 44	1 26	13 16	1 29	7 50	0 59	12 42	1 3	11 13	1 29	23 3	0 25	19 22
T 8	16 18	11 19	4 11	19 47	1 11	12 50	1 29	7 35	0 58	12 45	1 3	11 10	1 29	23 4	0 25	19 21
W 9	16 1	15 23	3 26	19 48	0 56	12 24	1 29	7 20	0 58	12 47	1 3	11 7	1 29	23 4	0 25	19 21
T 10	15 44	18 45	2 33	19 47	0 41	11 58	1 29	7 5	0 57	12 49	1 3	11 5	1 29	23 4	0 25	19 20
F 11	15 26	21 17	1 33	19 44	0 27	11 31	1 29	6 50	0 57	12 51	1 3	11 2	1 29	23 4	0 25	19 20
S 12	15 8	22 54	0 31	19 39	0 13	11 4	1 28	6 35	0 56	12 54	1 2	10 59	1 29	23 4	0 25	19 20
S 13	14 50	23 29	0n33	19 31	0n 0	10 37	1 28	6 20	0 56	12 56	1 2	10 57	1 29	23 5	0 25	19 19
M14	14 32	23 0	1 36	19 21	0 13	10 9	1 28	6 5	0 55	12 59	1 2	10 54	1 29	23 5	0 25	19 19
T 15	14 14	21 28	2 35	19 8	0 25	9 41	1 28	5 50	0 55	13 1	1 2	10 51	1 29	23 5	0 25	19 18
W16	13 55	18 56	3 28	18 53	0 36	9 13	1 27	5 35	0 54	13 4	1 1	10 48	1 29	23 5	0 25	19 18
T 17	13 36	15 31	4 11	18 35	0 47	8 44	1 27	5 20	0 54	13 6	1 1	10 46	1 29	23 5	0 25	19 17
F 18	13 17	11 22	4 43	18 14	0 57	8 16	1 26	5 4	0 54	13 9	1 1	10 43	1 29	23 5	0 25	19 17
S 19	12 58	6 39	5 2	17 50	1 6	7 47	1 25	4 49	0 53	13 11	1 1	10 40	1 29	23 6	0 25	19 16
S 20	12 38	1 34	5 6	17 24	1 13	7 18	1 25	4 34	0 53	13 14	1 0	10 37	1 29	23 6	0 25	19 16
M21	12 19	3s40	4 54	16 56	1 21	6 49	1 24	4 18	0 52	13 17	1 0	10 35	1 29	23 6	0 25	19 15
T 22	11 59	8 50	4 25	16 25	1 27	6 19	1 23	4 3	0 52	13 19	1 0	10 32	1 29	23 6	0 25	19 15
W23	11 39	13 39	3 41	15 52	1 32	5 50	1 22	3 48	0 51	13 22	1 0	10 29	1 29	23 6	0 25	19 14
T 24	11 19	17 51	2 44	15 17	1 36	5 20	1 21	3 32	0 51	13 25	1 0	10 26	1 29	23 6	0 25	19 14
F 25	10 58	21 5	1 36	14 40	1 40	4 50	1 20	3 17	0 50	13 28	0 59	10 24	1 29	23 6	0 25	19 14
S 26	10 38	23 4	0 21	14 1	1 42	4 20	1 19	3 1	0 50	13 31	0 59	10 21	1 29	23 7	0 25	19 13
S 27	10 17	23 32	0s57	13 21	1 44	3 50	1 18	2 46	0 49	13 34	0 59	10 18	1 29	23 7	0 25	19 13
M28	9 56	22 23	2 11	12 39	1 45	3 19	1 16	2 30	0 49	13 36	0 59	10 15	1 29	23 7	0 25	19 12
T 29	9 35	19 44	3 16	11 56	1 46	2 49	1 15	2 14	0 48	13 39	0 59	10 13	1 29	23 7	0 25	19 12
W30	9 14	15 50	4 8	11 13	1 46	2 18	1 14	1 59	0 48	13 42	0 58	10 10	1 29	23 7	0 25	19 11
T 31	8n52	11s 2	4s44	10n28	1n45	1n48	1n12	1n43	0n47	13s45	0n58	10n 7	1n30	23s 7	0s25	19n11

Julian Day Number = 2540510.5, Delta T = 212.05 sec
Ecliptic obliquity = 23°24'27", Nutation = - 0°00'16", out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 28°08'40, Lahiri = 27°15'41

ASTRODIENST EPHEMERIS for the year 2243

geocentric

SEPTEMBER 2243

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	22 38 30	8 ^h 7'45"	27 ^h 7'	9 ^h 11'	29 ^h 29'	28 ^h 8'	9 ^h 46'	7 ^h 40'	13 ^h R37	2 ^h 38'	1 ^h 27'	3 ^h R35	2 ^h 21'	7 ^h 47'	13 ^h 39'	F 1
S 2	22 42 26	9° 5'40"	10 ^h 53'	11° 7'	0 ^h 43'	28° 47'	9° 56'	7° 47'	13 ^h 36'	2° 40'	1° 28'	3 ^h 25'	2° 18'	7° 54'	13° 47'	S 2
S 3	22 46 23	10° 3'37"	24° 14'	13° 2'	1° 56'	29° 25'	10° 5'	7° 55'	13° 35'	2° 42'	1° 28'	3° 16'	2° 15'	8° 1'	13° 56'	S 3
M 4	22 50 20	11° 1'36"	7 ^h 10'	14° 56'	3° 10'	0 ^h 3'	10° 14'	8° 3'	13° 34'	2° 43'	1° 29'	3° 9'	2° 12'	8° 7'	14° 4'	M 4
T 5	22 54 16	11° 59'37"	19° 44'	16° 49'	4° 24'	0° 42'	10° 24'	8° 10'	13° 33'	2° 45'	1° 30'	3° 5'	2° 8'	8° 14'	14° 13'	T 5
W 6	22 58 13	12° 57'39"	1 ^h 58'	18° 41'	5° 37'	1° 20'	10° 33'	8° 18'	13° 32'	2° 47'	1° 31'	3° 2'	2° 5'	8° 21'	14° 21'	W 6
T 7	23 2 9	13° 55'44"	13° 58'	20° 31'	6° 51'	1° 59'	10° 43'	8° 25'	13° 31'	2° 49'	1° 32'	3° D 2	2° 2'	8° 27'	14° 30'	T 7
F 8	23 6 6	14° 53'51"	25° 50'	22° 21'	8° 4'	2° 37'	10° 53'	8° 33'	13° 30'	2° 51'	1° 33'	3° 2'	1° 59'	8° 34'	14° 38'	F 8
S 9	23 10 2	15° 51'59"	7 ^h 37'	24° 9'	9° 18'	3° 16'	11° 2'	8° 41'	13° 30'	2° 52'	1° 33'	3° R 2	1° 56'	8° 41'	14° 46'	S 9
S 10	23 13 59	16° 50'09"	19° 27'	25° 55'	10° 31'	3° 55'	11° 12'	8° 48'	13° 29'	2° 54'	1° 34'	3° 1'	1° 53'	8° 47'	14° 55'	S 10
M 11	23 17 55	17° 48'22"	1 ^h 23'	27° 41'	11° 45'	4° 33'	11° 22'	8° 56'	13° 28'	2° 56'	1° 35'	2° 58'	1° 49'	8° 54'	15° 3'	M 11
T 12	23 21 52	18° 46'36"	13° 29'	29° 26'	12° 58'	5° 12'	11° 33'	9° 3'	13° 28'	2° 57'	1° 36'	2° 52'	1° 46'	9° 0'	15° 12'	T 12
W 13	23 25 49	19° 44'52"	25° 49'	1 ^h 9'	14° 12'	5° 51'	11° 43'	9° 11'	13° 27'	2° 59'	1° 37'	2° 43'	1° 43'	9° 7'	15° 20'	W 13
T 14	23 29 45	20° 43'10"	8 ^h 25'	2° 51'	15° 25'	6° 30'	11° 53'	9° 18'	13° 27'	3° 1'	1° 38'	2° 32'	1° 40'	9° 14'	15° 29'	T 14
F 15	23 33 42	21° 41'30"	21° 16'	4° 32'	16° 39'	7° 8'	12° 3'	9° 26'	13° 26'	3° 2'	1° 40'	2° 20'	1° 37'	9° 20'	15° 37'	F 15
S 16	23 37 38	22° 39'51"	4 ^h 24'	6° 12'	17° 52'	7° 47'	12° 14'	9° 33'	13° 26'	3° 4'	1° 41'	2° 7'	1° 33'	9° 27'	15° 46'	S 16
S 17	23 41 35	23° 38'14"	17° 45'	7° 50'	19° 6'	8° 26'	12° 25'	9° 41'	13° 26'	3° 6'	1° 42'	1° 55'	1° 30'	9° 34'	15° 54'	S 17
M 18	23 45 31	24° 36'39"	1 ^h 17'	9° 28'	20° 19'	9° 5'	12° 35'	9° 48'	13° 25'	3° 7'	1° 43'	1° 45'	1° 27'	9° 40'	16° 2'	M 18
T 19	23 49 28	25° 35'06"	15° 0'	11° 4'	21° 33'	9° 44'	12° 46'	9° 56'	13° 25'	3° 9'	1° 44'	1° 38'	1° 24'	9° 47'	16° 11'	T 19
W 20	23 53 24	26° 33'34"	28° 50'	12° 40'	22° 46'	10° 23'	12° 57'	10° 3'	13° 25'	3° 10'	1° 45'	1° 33'	1° 21'	9° 54'	16° 19'	W 20
T 21	23 57 21	27° 32'05"	12 ^h 46'	14° 14'	24° 0'	11° 2'	13° 8'	10° 10'	13° 25'	3° 12'	1° 47'	1° 31'	1° 18'	10° 0'	16° 28'	T 21
F 22	0 1 17	28° 30'36"	26° 48'	15° 48'	25° 13'	11° 41'	13° 19'	10° 18'	13° 25'	3° 13'	1° 48'	1° 31'	1° 14'	10° 7'	16° 36'	F 22
S 23	0 5 14	29° 29'09"	10 ^h 35'	17° 20'	26° 26'	12° 20'	13° 30'	10° 25'	13° D 25'	3° 14'	1° 49'	1° 31'	1° 11'	10° 14'	16° 44'	S 23
S 24	0 9 11	0 ^h 27'44"	25° 6'	18° 51'	27° 40'	12° 59'	13° 41'	10° 33'	13° 25'	3° 16'	1° 51'	1° 30'	1° 8'	10° 20'	16° 53'	S 24
M 25	0 13 7	1° 26'21"	9 ^h 20'	20° 21'	28° 53'	13° 39'	13° 52'	10° 40'	13° 25'	3° 17'	1° 52'	1° 27'	1° 5'	10° 27'	17° 1'	M 25
T 26	0 17 4	2° 24'59"	23° 34'	21° 50'	0 ^h 6'	14° 18'	14° 3'	10° 47'	13° 25'	3° 19'	1° 54'	1° 21'	1° 2'	10° 33'	17° 9'	T 26
W 27	0 21 0	3° 23'39"	7 ^h 43'	23° 19'	1° 20'	14° 57'	14° 15'	10° 54'	13° 25'	3° 20'	1° 55'	1° 12'	0° 59'	10° 40'	17° 18'	W 27
T 28	0 24 57	4° 22'20"	21° 45'	24° 46'	2° 33'	15° 36'	14° 26'	11° 2'	13° 25'	3° 21'	1° 57'	1° 1'	0° 55'	10° 47'	17° 26'	T 28
F 29	0 28 53	5° 21'03"	5 ^h 33'	26° 12'	3° 46'	16° 16'	14° 38'	11° 9'	13° 26'	3° 22'	1° 58'	0° 48'	0° 52'	10° 53'	17° 34'	F 29
S 30	0 32 50	6 ^h 19'49"	19° 9'	27° 37'	4 ^h 59'	16° 55'	14° 49'	11° 16'	13° 26'	3° 24'	2° 0'	0° 36'	0° 49'	11° 0'	17° 42'	S 30

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
F 1	8n31	5s45	5s 2	9n43	1n43	1n17	1n11	1n27	0n47	13s48	0n58	10n 4	1n30	23s 7	0s25	19n10
S 2	8 9	0 19	5 1	8 57	1 41	0 47	1 9	1 12	0 46	13 51	0 58	10 1	1 30	23 7	0 25	19 10
S 3	7 47	4n59	4 44	8 10	1 38	0 16	1 8	0 56	0 46	13 54	0 58	9 59	1 30	23 7	0 25	19 10
M 4	7 25	9 55	4 12	7 23	1 35	0s15	1 6	0 40	0 45	13 58	0 57	9 56	1 30	23 8	0 25	19 9
T 5	7 3	14 17	3 29	6 36	1 31	0 46	1 4	0 25	0 45	14 1	0 57	9 53	1 30	23 8	0 25	19 9
W 6	6 41	17 57	2 38	5 49	1 27	1 16	1 2	0 9	0 45	14 4	0 57	9 50	1 30	23 8	0 25	19 8
T 7	6 19	20 48	1 40	5 1	1 23	1 47	1 1	0s 7	0 44	14 7	0 57	9 48	1 30	23 8	0 25	19 8
F 8	5 56	22 42	0 38	4 14	1 18	2 18	0 59	0 23	0 44	14 10	0 57	9 45	1 30	23 8	0 25	19 8
S 9	5 34	23 36	0n24	3 26	1 13	2 49	0 57	0 38	0 43	14 13	0 57	9 42	1 30	23 8	0 25	19 7
S 10	5 11	23 25	1 26	2 39	1 7	3 19	0 55	0 54	0 43	14 17	0 56	9 39	1 30	23 8	0 25	19 7
M 11	4 49	22 10	2 25	1 52	1 2	3 50	0 52	1 10	0 42	14 20	0 56	9 36	1 30	23 8	0 25	19 6
T 12	4 26	19 54	3 17	1 5	0 56	4 21	0 50	1 26	0 42	14 23	0 56	9 34	1 30	23 8	0 25	19 6
W 13	4 3	16 41	4 1	0 18	0 49	4 51	0 48	1 41	0 41	14 27	0 56	9 31	1 31	23 8	0 24	19 6
T 14	3 40	12 39	4 35	0s28	0 43	5 22	0 46	1 57	0 41	14 30	0 56	9 28	1 31	23 8	0 24	19 5
F 15	3 17	7 58	4 55	1 15	0 36	5 52	0 44	2 13	0 40	14 33	0 56	9 25	1 31	23 8	0 24	19 5
S 16	2 54	2 51	5 0	2 0	0 29	6 22	0 41	2 29	0 40	14 37	0 55	9 23	1 31	23 8	0 24	19 5
S 17	2 31	2s29	4 49	2 46	0 22	6 52	0 39	2 45	0 39	14 40	0 55	9 20	1 31	23 8	0 24	19 4
M 18	2 8	7 48	4 22	3 31	0 15	7 22	0 36	3 0	0 39	14 43	0 55	9 17	1 31	23 8	0 24	19 4
T 19	1 45	12 49	3 40	4 15	0 8	7 52	0 34	3 16	0 38	14 47	0 55	9 15	1 31	23 8	0 24	19 3
W 20	1 22	17 13	2 44	4 59	0 1	8 21	0 31	3 32	0 38	14 50	0 55	9 12	1 31	23 8	0 24	19 3
T 21	0 59	20 41	1 37	5 43	0s 7	8 51	0 29	3 48	0 37	14 53	0 55	9 9	1 31	23 8	0 24	19 3
F 22	0 36	22 57	0 25	6 25	0 14	9 20	0 26	4 3	0 37	14 57	0 54	9 6	1 31	23 8	0 24	19 2
S 23	0 12	23 47	0s50	7 8	0 22	9 49	0 24	4 19	0 36	15 0	0 54	9 4	1 32	23 8	0 24	19 2
S 24	0s11	23 4	2 1	7 50	0 29	10 18	0 21	4 35	0 36	15 4	0 54	9 1	1 32	23 8	0 24	19 2
M 25	0 34	20 53	3 6	8 31	0 37	10 47	0 18	4 50	0 35	15 7	0 54	8 58	1 32	23 8	0 24	19 2
T 26	0 58	17 24	3 58	9 11	0 44	11 15	0 16	5 6	0 35	15 11	0 54	8 56	1 32	23 8	0 24	19 1
W 27	1 21	12 56	4 36	9 51	0 52	11 43	0 13	5 22	0 34	15 14	0 54	8 53	1 32	23 8	0 24	19 1
T 28	1 44	7 49	4 57	10 30	1 0	12 11	0 10	5 37	0 34	15 18	0 53	8 51	1 32	23 8	0 24	19 1
F 29	2 7	2 23	4 59	11 9	1 7	12 39	0 7	5 53	0 33	15 21	0 53	8 48	1 32	23 8	0 24	19 0
S 30	2s31	3n 3	4s45	11s46	1s15	13s 6	0n 4	6s 8	0n33	15s25	0n53	8n45	1n32	23s 8	0s24	19n 0

Julian Day Number = 2540541.5, Delta T = 212.16 sec

Ecliptic obliquity = 23°24'28", Nutation = - 0°00'16", out-of-bounds declination in red

Ayanamsha: Fagan/Bradley = 28°08'45", Lahiri = 27°15'45"

ASTRODIENST EPHEMERIS for the year 2243
geocentric

OCTOBER 2243

00:00 UT

Day	Sid.t	☉	☽	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓	♈	♉	Day
S 1	0 36 46	7♌18'36	2♋16	29♊0	6♋13	17♌34	15♍1	11♎23	13♏26	3♐25	2♑1	0°R25	0♓46	11♈7	17♉51	S 1
M 2	0 40 43	8°17'26	15°6	0♋23	7°26	18°14	15°12	11°30	13°27	3°26	2°3	0♓16	0°43	11°13	17°59	M 2
T 3	0 44 40	9°16'18	27°37	1°45	8°39	18°53	15°24	11°37	13°27	3°27	2°4	0°10	0°39	11°20	18°7	T 3
W 4	0 48 36	10°15'12	9♋51	3°5	9°52	19°33	15°36	11°44	13°28	3°28	2°6	0°6	0°36	11°27	18°15	W 4
T 5	0 52 33	11°14'08	21°51	4°24	11°5	20°13	15°48	11°51	13°28	3°29	2°8	0°5	0°33	11°33	18°23	T 5
F 6	0 56 29	12°13'07	3♋42	5°42	12°19	20°52	16°0	11°58	13°29	3°30	2°9	0°D 4	0°30	11°40	18°31	F 6
S 7	1 0 26	13°12'07	15°30	6°58	13°32	21°32	16°12	12°5	13°30	3°31	2°11	0°R 4	0°27	11°47	18°39	S 7
S 8	1 4 22	14°11'11	27°20	8°13	14°45	22°12	16°24	12°12	13°30	3°32	2°13	0°4	0°24	11°53	18°47	S 8
M 9	1 8 19	15°10'16	9♋18	9°27	15°58	22°51	16°36	12°19	13°31	3°33	2°15	0°1	0°20	12°0	18°55	M 9
T 10	1 12 15	16°9'24	21°29	10°38	17°11	23°31	16°48	12°26	13°32	3°34	2°16	29♋56	0°17	12°7	19°3	T 10
W 11	1 16 12	17°8'33	3♎55	11°48	18°24	24°11	17°0	12°32	13°33	3°35	2°18	29°49	0°14	12°13	19°11	W 11
T 12	1 20 9	18°7'45	16°42	12°57	19°37	24°51	17°13	12°39	13°34	3°36	2°20	29°39	0°11	12°20	19°19	T 12
F 13	1 24 5	19°7'00	29°48	14°3	20°50	25°31	17°25	12°46	13°35	3°37	2°22	29°28	0°8	12°26	19°27	F 13
S 14	1 28 2	20°6'16	13♋15	15°7	22°3	26°11	17°37	12°52	13°36	3°38	2°24	29°16	0°4	12°33	19°35	S 14
S 15	1 31 58	21°5'34	27°0	16°9	23°16	26°51	17°50	12°59	13°37	3°38	2°26	29°5	0°1	12°40	19°43	S 15
M 16	1 35 55	22°4'55	10♋58	17°8	24°29	27°31	18°2	13°5	13°38	3°39	2°28	28°56	29♋58	12°46	19°50	M 16
T 17	1 39 51	23°4'17	25°6	18°4	25°42	28°11	18°15	13°12	13°39	3°40	2°29	28°49	29°55	12°53	19°58	T 17
W 18	1 43 48	24°3'42	9♋19	18°57	26°55	28°51	18°27	13°18	13°41	3°41	2°31	28°45	29°52	13°0	20°6	W 18
T 19	1 47 44	25°3'08	23°33	19°47	28°8	29°31	18°40	13°25	13°42	3°41	2°33	28°D43	29°49	13°6	20°13	T 19
F 20	1 51 41	26°2'36	7♋46	20°34	29°21	0♋11	18°52	13°31	13°43	3°42	2°35	28°43	29°45	13°13	20°21	F 20
S 21	1 55 38	27°2'06	21°55	21°16	0♋34	0°51	19°5	13°37	13°45	3°42	2°37	28°R44	29°42	13°20	20°28	S 21
S 22	1 59 34	28°1'37	5♋59	21°53	1°47	1°32	19°18	13°43	13°46	3°43	2°40	28°44	29°39	13°26	20°36	S 22
M 23	2 3 31	29°1'10	19°59	22°26	2°59	2°12	19°31	13°49	13°48	3°44	2°42	28°42	29°36	13°33	20°43	M 23
T 24	2 7 27	0♋0'45	3♋51	22°53	4°12	2°52	19°43	13°56	13°49	3°44	2°44	28°38	29°33	13°40	20°51	T 24
W 25	2 11 24	1°0'21	17°36	23°15	5°25	3°33	19°56	14°2	13°51	3°44	2°46	28°31	29°30	13°46	20°58	W 25
T 26	2 15 20	1°59'59	1°11	23°30	6°38	4°13	20°9	14°7	13°52	3°45	2°48	28°22	29°26	13°53	21°5	T 26
F 27	2 19 17	2°59'39	14°34	23°37	7°50	4°54	20°22	14°13	13°54	3°45	2°50	28°13	29°23	14°0	21°12	F 27
S 28	2 23 13	3°59'21	27°43	23°R38	9°3	5°34	20°35	14°19	13°56	3°46	2°52	28°3	29°20	14°6	21°20	S 28
S 29	2 27 10	4°59'05	10♋37	23°30	10°16	6°15	20°48	14°25	13°57	3°46	2°54	27°54	29°17	14°13	21°27	S 29
M 30	2 31 6	5°58'51	23°15	23°13	11°28	6°55	21°1	14°31	13°59	3°46	2°56	27°47	29°14	14°19	21°34	M 30
T 31	2 35 3	6♋58'39	5♋37	22♋48	12♋41	7♋36	21♋14	14♋36	14♋3	3♐46	2♑59	27♋42	29♋10	14♋26	21♋41	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
S 1	2s54	8n14	4s16	12s23	1s22	13s33	0n1	6s24	0n32	15s28	0n53	8n43	1n33	23s 8
M 2	3 17	12 56	3 34	13 0	1 30	14 0	0s 1	6 39	0 31	15 32	0 53	8 40	1 33	23 8
T 3	3 40	16 57	2 43	13 35	1 37	14 26	0 4	6 55	0 31	15 35	0 53	8 38	1 33	23 8
W 4	4 3	20 10	1 45	14 9	1 44	14 52	0 7	7 10	0 30	15 39	0 53	8 35	1 33	23 8
T 5	4 26	22 26	0 44	14 43	1 51	15 18	0 10	7 26	0 30	15 43	0 53	8 32	1 33	23 8
F 6	4 49	23 41	0n19	15 16	1 58	15 43	0 13	7 41	0 29	15 46	0 52	8 30	1 33	23 8
S 7	5 12	23 51	1 21	15 48	2 5	16 8	0 16	7 56	0 29	15 50	0 52	8 27	1 33	23 8
S 8	5 35	22 57	2 19	16 18	2 12	16 33	0 19	8 11	0 28	15 53	0 52	8 25	1 33	23 7
M 9	5 58	21 0	3 12	16 48	2 18	16 57	0 22	8 27	0 28	15 57	0 52	8 22	1 34	23 7
T 10	6 21	18 4	3 57	17 17	2 25	17 21	0 25	8 42	0 27	16 0	0 52	8 20	1 34	23 7
W 11	6 43	14 17	4 32	17 45	2 31	17 44	0 28	8 57	0 27	16 4	0 52	8 18	1 34	23 7
T 12	7 6	9 46	4 55	18 11	2 36	18 7	0 31	9 12	0 26	16 7	0 52	8 15	1 34	23 7
F 13	7 29	4 42	5 2	18 37	2 42	18 30	0 34	9 27	0 26	16 11	0 52	8 13	1 34	23 7
S 14	7 51	0s43	4 53	19 1	2 47	18 52	0 37	9 42	0 25	16 15	0 51	8 10	1 34	23 7
S 15	8 13	6 13	4 28	19 23	2 52	19 13	0 40	9 57	0 25	16 18	0 51	8 8	1 35	23 7
M 16	8 35	11 31	3 45	19 45	2 56	19 34	0 43	10 12	0 24	16 22	0 51	8 6	1 35	23 7
T 17	8 57	16 17	2 49	20 5	3 0	19 55	0 46	10 27	0 24	16 25	0 51	8 3	1 35	23 6
W 18	9 19	20 9	1 42	20 23	3 4	20 15	0 49	10 41	0 23	16 29	0 51	8 1	1 35	23 6
T 19	9 41	22 47	0 28	20 40	3 7	20 34	0 52	10 56	0 22	16 32	0 51	7 59	1 35	23 6
F 20	10 3	23 59	0s48	20 54	3 9	20 53	0 55	11 11	0 22	16 36	0 51	7 56	1 35	23 6
S 21	10 24	23 37	2 1	21 7	3 11	21 12	0 58	11 25	0 21	16 39	0 51	7 54	1 36	23 6
S 22	10 46	21 45	3 5	21 18	3 12	21 29	1 1	11 40	0 21	16 43	0 51	7 52	1 36	23 6
M 23	11 7	18 34	3 59	21 27	3 12	21 47	1 4	11 54	0 20	16 47	0 50	7 50	1 36	23 6
T 24	11 28	14 23	4 37	21 34	3 12	22 3	1 7	12 9	0 20	16 50	0 50	7 48	1 36	23 5
W 25	11 49	9 30	5 0	21 37	3 10	22 20	1 10	12 23	0 19	16 54	0 50	7 45	1 36	23 5
T 26	12 9	4 12	5 5	21 39	3 7	22 35	1 13	12 37	0 19	16 57	0 50	7 43	1 36	23 5
F 27	12 30	1n14	4 53	21 37	3 3	22 50	1 16	12 51	0 18	17 1	0 50	7 41	1 37	23 5
S 28	12 50	6 30	4 26	21 32	2 58	23 4	1 19	13 5	0 18	17 4	0 50	7 39	1 37	23 5
S 29	13 10	11 25	3 45	21 23	2 52	23 18	1 21	13 19	0 17	17 8	0 50	7 37	1 37	23 4
M 30	13 30	15 45	2 54	21 11	2 43	23 31	1 24	13 33	0 16	17 11	0 50	7 35	1 37	23 4
T 31	13s50	19n19	1s56	20s55	2s34	23s43	1s27	13s47	0n16	17s15	0n50	7n33	1n37	23s 4

Julian Day Number = 2540571.5, Delta T = 212.26 sec
Ecliptic obliquity = 23°24'28", Nutation = - 0°00'18", out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 28°08'49", Lahiri = 27°15'49"

ASTRODIENST EPHEMERIS for the year 2243
geocentric

NOVEMBER 2243

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	2 39 0	7♍58°29	17♏46	22°R13	13♌54	8♍17	21♍27	14♏42	14♌3	3♏47	3♌1	27°R39	29♏7	14♌33	21♏48	W 1
T 2	2 42 56	8°58'21	29°44	21♍29	15° 6	8°57	21°40	14°47	14° 5	3°47	3° 3	27°D39	29° 4	14°39	21°54	T 2
F 3	2 46 53	9°58'16	11♌34	20°36	16°19	9°38	21°53	14°53	14° 7	3°47	3° 5	27♏40	29° 1	14°46	22° 1	F 3
S 4	2 50 49	10°58'12	23°22	19°36	17°31	10°19	22° 6	14°58	14° 9	3°47	3° 8	27°41	28°58	14°53	22° 8	S 4
S 5	2 54 46	11°58'11	5♏12	18°28	18°43	11° 0	22°19	15° 3	14°11	3°47	3°10	27°42	28°55	14°59	22°15	S 5
M 6	2 58 42	12°58'11	17° 9	17°15	19°56	11°41	22°32	15° 9	14°13	3°47	3°12	27°R42	28°51	15° 6	22°21	M 6
T 7	3 2 39	13°58'14	29°19	15°58	21° 8	12°22	22°45	15°14	14°15	3°R47	3°14	27°41	28°48	15°13	22°28	T 7
W 8	3 6 36	14°58'19	11♏46	14°39	22°21	13° 3	22°58	15°19	14°18	3°47	3°17	27°38	28°45	15°19	22°34	W 8
T 9	3 10 32	15°58'26	24°34	13°22	23°33	13°44	23°12	15°24	14°20	3°47	3°19	27°33	28°42	15°26	22°41	T 9
F 10	3 14 29	16°58'35	7♏47	12° 9	24°45	14°25	23°25	15°29	14°22	3°47	3°21	27°27	28°39	15°33	22°47	F 10
S 11	3 18 25	17°58'46	21°24	11° 1	25°57	15° 6	23°38	15°34	14°24	3°47	3°23	27°20	28°36	15°39	22°53	S 11
S 12	3 22 22	18°58'59	5♍24	10° 1	27°10	15°47	23°51	15°38	14°27	3°47	3°26	27°13	28°32	15°46	23° 0	S 12
M13	3 26 18	19°59'14	19°44	9°11	28°22	16°29	24° 4	15°43	14°29	3°46	3°28	27° 8	28°29	15°53	23° 6	M13
T 14	3 30 15	20°59'31	4♌17	8°32	29°34	17°10	24°18	15°48	14°32	3°46	3°30	27° 4	28°26	15°59	23°12	T 14
W15	3 34 11	21°59'49	18°57	8° 4	0♌46	17°51	24°31	15°52	14°34	3°46	3°33	27° 2	28°23	16° 6	23°18	W15
T 16	3 38 8	23° 0'09	3♌37	7°47	1°58	18°33	24°44	15°56	14°37	3°46	3°35	27°D 2	28°20	16°13	23°24	T 16
F 17	3 42 5	24° 0'31	18°12	7°D43	3°10	19°14	24°57	16° 1	14°39	3°45	3°38	27° 3	28°16	16°19	23°29	F 17
S 18	3 46 1	25° 0'53	2♌36	7°49	4°22	19°55	25°11	16° 5	14°42	3°45	3°40	27° 5	28°13	16°26	23°35	S 18
S 19	3 49 58	26° 1'18	16°48	8° 6	5°34	20°37	25°24	16° 9	14°44	3°45	3°42	27° 6	28°10	16°33	23°41	S 19
M20	3 53 54	27° 1'43	0♌45	8°32	6°46	21°18	25°37	16°13	14°47	3°44	3°45	27°R 6	28° 7	16°39	23°46	M20
T 21	3 57 51	28° 2'10	14°27	9° 8	7°57	22° 0	25°50	16°17	14°50	3°44	3°47	27° 5	28° 4	16°46	23°52	T 21
W22	4 1 47	29° 2'38	27°55	9°51	9° 9	22°42	26° 4	16°21	14°52	3°43	3°49	27° 3	28° 1	16°52	23°57	W22
T 23	4 5 44	0♌3'07	11°Y 8	10°41	10°21	23°23	26°17	16°25	14°55	3°43	3°52	26°59	27°57	16°59	24° 2	T 23
F 24	4 9 40	1° 3'37	24° 8	11°38	11°32	24° 5	26°30	16°29	14°58	3°42	3°54	26°55	27°54	17° 6	24° 8	F 24
S 25	4 13 37	2° 4'09	6♌54	12°39	12°44	24°47	26°43	16°32	15° 1	3°41	3°57	26°51	27°51	17°12	24°13	S 25
S 26	4 17 34	3° 4'42	19°27	13°46	13°55	25°29	26°57	16°36	15° 4	3°41	3°59	26°47	27°48	17°19	24°18	S 26
M27	4 21 30	4° 5'17	1♏49	14°56	15° 7	26°10	27°10	16°39	15° 7	3°40	4° 1	26°44	27°45	17°26	24°23	M27
T 28	4 25 27	5° 5'53	14° 0	16°10	16°18	26°52	27°23	16°42	15°10	3°39	4° 4	26°42	27°42	17°32	24°28	T 28
W29	4 29 23	6° 6'31	26° 1	17°27	17°29	27°34	27°36	16°46	15°13	3°39	4° 6	26°D42	27°38	17°39	24°32	W29
T 30	4 33 20	7♌7'10	7♌54	18♍47	18♌40	28♍16	27♍49	16♏49	15♌16	3♏38	4♌9	26♏42	27♏35	17♌46	24♏37	T 30

Day	☉	☾		♂		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
W 1	14s 9	21n58	0s53	20s35	2s22	23s55	1s29	14s 0	0n15	17s18	0n50	7n31	1n38	23s 4	0s24	18n55	0s23	8s 7	12n51	23n23	23n24	23n59	0s49	4s25	
T 2	14 28	23 36	0n11	20 11	2 9	24 6	1 32	14 14	0 15	17 21	0 50	7 29	1 38	23 4	0 24	18 55	0 23	8 7	12 51	23 23	23 24	23 59	0 51	4 25	
F 3	14 47	24 9	1 15	19 43	1 54	24 16	1 35	14 27	0 14	17 25	0 49	7 27	1 38	23 3	0 24	18 55	0 23	8 8	12 50	23 23	23 24	23 59	0 54	4 25	
S 4	15 6	23 36	2 15	19 10	1 37	24 26	1 37	14 41	0 14	17 28	0 49	7 25	1 38	23 3	0 24	18 55	0 23	8 9	12 50	23 23	23 24	23 59	0 57	4 25	
S 5	15 24	22 0	3 9	18 34	1 19	24 35	1 40	14 54	0 13	17 32	0 49	7 24	1 38	23 3	0 24	18 54	0 23	8 9	12 50	23 23	23 24	23 59	1 0	4 26	
M 6	15 43	19 25	3 56	17 55	1 0	24 43	1 42	15 7	0 13	17 35	0 49	7 22	1 39	23 3	0 24	18 54	0 23	8 10	12 50	23 23	23 24	23 59	1 2	4 26	
T 7	16 1	15 58	4 33	17 14	0 40	24 51	1 44	15 20	0 12	17 39	0 49	7 20	1 39	23 2	0 24	18 54	0 23	8 10	12 49	23 23	23 24	23 59	1 5	4 26	
W 8	16 18	11 44	4 58	16 31	0 19	24 58	1 47	15 33	0 11	17 42	0 49	7 18	1 39	23 2	0 24	18 54	0 23	8 11	12 49	23 23	23 24	23 59	1 8	4 26	
T 9	16 36	6 53	5 10	15 49	0n 1	25 4	1 49	15 46	0 11	17 45	0 49	7 16	1 39	23 2	0 24	18 54	0 23	8 12	12 49	23 23	23 24	24 0	1 10	4 26	
F 10	16 53	1 35	5 5	15 7	0 22	25 9	1 51	15 59	0 10	17 49	0 49	7 15	1 39	23 2	0 24	18 55	0 23	8 12	12 49	23 23	23 24	24 0	1 13	4 26	
S 11	17 10	3s57	4 43	14 28	0 41	25 14	1 53	16 11	0 10	17 52	0 49	7 13	1 40	23 1	0 24	18 55	0 23	8 13	12 49	23 23	23 24	24 0	1 16	4 26	
S 12	17 27	9 28	4 4	13 52	0 59	25 18	1 55	16 24	0 9	17 55	0 49	7 11	1 40	23 1	0 24	18 55	0 23	8 13	12 48	23 23	23 24	24 0	1 18	4 27	
M13	17 43	14 36	3 9	13 20	1 16	25 21	1 57	16 36	0 9	17 59	0 49	7 10	1 40	23 1	0 24	18 55	0 23	8 14	12 48	23 23	23 24	24 0	1 21	4 27	
T 14	17 59	18 59	2 1	12 54	1 31	25 24	1 59	16 49	0 8	18 2	0 49	7 8	1 40	23 1	0 24	18 55	0 23	8 15	12 48	23 23	23 24	24 0	1 23	4 27	
W15	18 15	22 13	0 44	12 32	1 44	25 26	2 1	17 1	0 7	18 5	0 49	7 7	1 41	23 0	0 24	18 55	0 23	8 15	12 48	23 22	23 24	24 0	1 26	4 27	
T 16	18 30	23 57	0s36	12 17	1 55	25 27	2 3	17 13	0 7	18 9	0 49	7 5	1 41	23 0	0 24	18 55	0 23	8 16	12 48	23 22	23 24	24 0	1 28	4 27	
F 17	18 45	24 3	1 53	12 7	2 4	25 27	2 5	17 25	0 6	18 12	0 48	7 4	1 41	23 0	0 24	18 55	0 23	8 16	12 48	23 22	23 24	24 0	1 31	4 27	
S 18	19 0	22 31	3 2	12 2	2 11	25 27	2 7	17 36	0 6	18 15	0 48	7 2	1 41	22 59	0 24	18 55	0 23	8 17	12 48	23 23	23 24	24 0	1 33	4 28	
S 19	19 14	19 35	3 59	12 2	2 16	25 26	2 8	17 48	0 5	18 18	0 48	7 1	1 41	22 59	0 24	18 55	0 23	8 17	12 47	23 23	23 24	24 0	1 36	4 28	
M20	19 28	15 34	4 41	12 7	2 20	25 24	2 10	18 0	0 4	18 21	0 48	6 59	1 42	22 59	0 24	18 55	0 23	8 18	12 47	23 23	23 24	24 0	1 38	4 28	
T 21	19 42	10 49	5 6	12 16	2 23	25 21	2 11	18 11	0 4	18 25	0 48	6 58	1 42	22 59	0 24	18 55	0 23	8 18	12 47	23 23	23 24	24 0	1 40	4 28	
W22	19 55	5 37	5 14	12 28	2 24	25 18	2 13	18 22	0 3	18 28	0 48	6 57	1 42	22 58	0 24	18 55	0 23	8 19	12 47	23 22	23 24	24 0	1 43	4 28	
T 23	20 8	0 16	5 4	12 44	2 23	25 14	2 14	18 33	0 3	18 31	0 48	6 56	1 42	22 58	0 24	18 55	0 23	8 19	12 47	23 22	23 24	24 0	1 45	4 29	
F 24	20 21	5n 1	4 39	13 3	2 22	25 9	2 15	18 44	0 2	18 34	0 48	6 54	1 43	22 58	0 24	18 56	0 23	8 20	12 47	23 22	23 23	24 0	1 47	4 29	
S 25	20 33	10 0	4 1	13 23	2 20	25 4	2 16	18 55	0 1	18 37	0 48	6 53	1 43	22 57	0 24	18 56	0 23	8 20	12 47	23 22	23 23	24 0	1 49	4 29	
S 26	20 45	14 30	3 11	13 46	2 17	24 57	2 17	19 5	0 1	18 40	0 48	6 52	1 43	22 57	0 24	18 56	0 23	8 21	12 47	23 22	23 23	24 0	1 52	4 29	
M27	20 56	18 20	2 13	14 10	2 13	24 50	2 18	19 16	0 0	18 43	0 48	6 51	1 43	22 57	0 24	18 56	0 23	8 21	12 47	23 22	23 23	24 0	1 54	4 30	
T 28	21 7	21 18	1 10	14 36	2 9	24 43	2 19	19 26	0s 0	18 46	0 48	6 50	1 44	22 56	0 24	18 56	0 23	8 22	12 47	23 22	23 23	24 0	1 56	4 30	
W29	21 18	23 17	0 4	15 2	2 4	24 34	2 20	19 36	0 1	18 49	0 48	6 49	1 44	22 56	0 24	18 56	0 23	8 22	12 46	23 22	23 23	24 0	1 58	4 30	
T 30	21s28	24n12	1n 2	15s29	1n59	24s25	2s20	19s46	0s 1	18s52	0n48	6n48	1n44	22s56	0s24	18n57	0s23	8s23	12n46	23n22	23n23	24n 0	2s 0	4s30	

ASTRODIENST EPHEMERIS for the year 2243
geocentric

DECEMBER 2243

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	4 37 16	8♂ 7°51	19♂43	20♂ 9	19♂52	28♂58	28♂ 3	16♂52	15♂19	3°R37	4♂11	26♂43	27♂32	17♂52	24♂42	F 1
S 2	4 41 13	9° 8'33	1♂31	21°32	21° 3	29°40	28°16	16°55	15°22	3♂36	4°13	26°45	27°29	17°59	24°46	S 2
S 3	4 45 9	10° 9'17	13°20	22°57	22°14	0♂23	28°29	16°58	15°25	3°36	4°16	26°46	27°26	18° 6	24°51	S 3
M 4	4 49 6	11°10'02	25°16	24°23	23°24	1° 5	28°42	17° 0	15°28	3°35	4°18	26°48	27°22	18°12	24°55	M 4
T 5	4 53 3	12°10'48	7♂24	25°51	24°35	1°47	28°55	17° 3	15°31	3°34	4°20	26°R48	27°19	18°19	24°59	T 5
W 6	4 56 59	13°11'36	19°47	27°19	25°46	2°29	29° 8	17° 6	15°34	3°33	4°23	26°48	27°16	18°26	25° 3	W 6
T 7	5 0 56	14°12'26	2♂31	28°48	26°57	3°11	29°21	17° 8	15°37	3°32	4°25	26°48	27°13	18°32	25° 7	T 7
F 8	5 4 52	15°13'17	15°40	0♂18	28° 7	3°54	29°34	17°10	15°40	3°31	4°27	26°46	27°10	18°39	25°11	F 8
S 9	5 8 49	16°14'09	29°14	1°48	29°17	4°36	29°47	17°13	15°44	3°30	4°30	26°45	27° 7	18°46	25°15	S 9
S 10	5 12 45	17°15'02	13♂16	3°19	0♂28	5°19	0♂ 0	17°15	15°47	3°29	4°32	26°44	27° 3	18°52	25°18	S 10
M 11	5 16 42	18°15'57	27°42	4°50	1°38	6° 1	0°13	17°17	15°50	3°28	4°35	26°43	27° 0	18°59	25°22	M 11
T 12	5 20 38	19°16'53	12♂29	6°22	2°48	6°44	0°26	17°19	15°53	3°27	4°37	26°42	26°57	19° 6	25°25	T 12
W 13	5 24 35	20°17'51	27°29	7°53	3°58	7°26	0°39	17°20	15°57	3°26	4°39	26°D42	26°54	19°12	25°29	W 13
T 14	5 28 32	21°18'49	12♂33	9°25	5° 8	8° 9	0°52	17°22	16° 0	3°24	4°42	26°42	26°51	19°19	25°32	T 14
F 15	5 32 28	22°19'48	27°33	10°58	6°18	8°52	1° 5	17°24	16° 3	3°23	4°44	26°42	26°48	19°26	25°35	F 15
S 16	5 36 25	23°20'47	12♂21	12°30	7°28	9°34	1°18	17°25	16° 7	3°22	4°46	26°43	26°44	19°32	25°38	S 16
S 17	5 40 21	24°21'47	26°51	14° 2	8°37	10°17	1°31	17°26	16°10	3°21	4°48	26°43	26°41	19°39	25°41	S 17
M 18	5 44 18	25°22'48	10♂59	15°35	9°47	11° 0	1°43	17°28	16°14	3°20	4°51	26°43	26°38	19°46	25°44	M 18
T 19	5 48 14	26°23'49	24°44	17° 8	10°56	11°43	1°56	17°29	16°17	3°18	4°53	26°43	26°35	19°52	25°47	T 19
W 20	5 52 11	27°24'50	8♂ 7	18°40	12° 5	12°26	2° 9	17°30	16°20	3°17	4°55	26°43	26°32	19°59	25°49	W 20
T 21	5 56 7	28°25'52	21° 9	20°13	13°14	13° 9	2°21	17°31	16°24	3°16	4°57	26°43	26°28	20° 5	25°52	T 21
F 22	6 0 4	29°26'54	3♂53	21°47	14°23	13°52	2°34	17°32	16°27	3°14	5° 0	26°44	26°25	20°12	25°54	F 22
S 23	6 4 1	0♂27'57	16°22	23°20	15°32	14°35	2°46	17°32	16°31	3°13	5° 2	26°44	26°22	20°19	25°56	S 23
S 24	6 7 57	1°29'00	28°39	24°53	16°40	15°18	2°59	17°33	16°34	3°12	5° 4	26°44	26°19	20°25	25°58	S 24
M 25	6 11 54	2°30'04	10♂45	26°27	17°49	16° 1	3°11	17°33	16°38	3°10	5° 6	26°45	26°16	20°32	26° 0	M 25
T 26	6 15 50	3°31'08	22°44	28° 1	18°57	16°44	3°24	17°34	16°41	3° 9	5° 8	26°R45	26°13	20°39	26° 2	T 26
W 27	6 19 47	4°32'12	4♂38	29°35	20° 5	17°27	3°36	17°34	16°45	3° 8	5°11	26°45	26° 9	20°45	26° 4	W 27
T 28	6 23 43	5°33'17	16°27	1♂ 9	21°13	18°10	3°48	17°34	16°48	3° 6	5°13	26°45	26° 6	20°52	26° 6	T 28
F 29	6 27 40	6°34'23	28°16	2°43	22°20	18°54	4° 0	17°R34	16°52	3° 5	5°15	26°44	26° 3	20°59	26° 7	F 29
S 30	6 31 37	7°35'29	10♂ 5	4°18	23°28	19°37	4°13	17°34	16°55	3° 3	5°17	26°42	26° 0	21° 5	26° 9	S 30
S 31	6 35 33	8♂36'35	21♂57	5♂52	24♂35	20♂20	4♂25	17♂34	16♂59	3♂ 2	5♂19	26♂40	25♂57	21♂12	26♂10	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	21s38	24n 0	2n 4	15s57	1n53	24s16	2s21	19s56	0s 2	18s55	0n48	6n47	1n44	22s55	0s24	18n57	0s23	8s23	12n46	23n22	23n23	24n 0	2s 2	4s30			
S 2	21 48	22 44	3 1	16 24	1 47	24 5	2 21	20 6	0 3	18 58	0 48	6 46	1 45	22 55	0 24	18 57	0 23	8 24	12 46	23 22	23 23	23 59	2 4	4 31			
S 3	21 57	20 28	3 51	16 52	1 40	23 54	2 22	20 15	0 3	19 1	0 48	6 45	1 45	22 55	0 24	18 57	0 23	8 24	12 46	23 22	23 23	23 59	2 6	4 31			
M 4	22 5	17 19	4 31	17 20	1 34	23 43	2 22	20 25	0 4	19 4	0 48	6 44	1 45	22 54	0 24	18 57	0 23	8 25	12 46	23 22	23 23	23 59	2 8	4 31			
T 5	22 13	13 24	4 59	17 47	1 27	23 30	2 22	20 34	0 4	19 7	0 48	6 43	1 45	22 54	0 24	18 58	0 23	8 25	12 46	23 22	23 23	23 59	2 10	4 31			
W 6	22 21	8 52	5 15	18 14	1 20	23 17	2 22	20 43	0 5	19 10	0 48	6 43	1 46	22 54	0 24	18 58	0 23	8 25	12 46	23 22	23 23	23 59	2 12	4 32			
T 7	22 28	3 49	5 16	18 41	1 13	23 4	2 22	20 52	0 6	19 13	0 48	6 42	1 46	22 53	0 24	18 58	0 23	8 26	12 46	23 22	23 23	23 59	2 14	4 32			
F 8	22 35	1s32	5 0	19 7	1 6	22 50	2 22	21 0	0 6	19 16	0 48	6 41	1 46	22 53	0 24	18 58	0 23	8 26	12 46	23 22	23 23	23 59	2 15	4 32			
S 9	22 42	7 1	4 28	19 32	0 58	22 35	2 22	21 9	0 7	19 18	0 48	6 41	1 46	22 52	0 24	18 58	0 23	8 27	12 46	23 22	23 23	23 59	2 17	4 33			
S 10	22 48	12 19	3 39	19 57	0 51	22 19	2 21	21 17	0 8	19 21	0 48	6 40	1 47	22 52	0 24	18 59	0 23	8 27	12 46	23 22	23 22	23 59	2 19	4 33			
M11	22 53	17 7	2 34	20 21	0 44	22 3	2 21	21 25	0 8	19 24	0 47	6 40	1 47	22 52	0 24	18 59	0 23	8 27	12 46	23 22	23 22	23 59	2 20	4 33			
T 12	22 59	20 58	1 18	20 45	0 37	21 47	2 20	21 33	0 9	19 27	0 47	6 39	1 47	22 51	0 24	18 59	0 23	8 28	12 46	23 22	23 22	23 58	2 22	4 33			
W13	23 3	23 27	0s 4	21 7	0 29	21 29	2 19	21 41	0 9	19 29	0 47	6 39	1 47	22 51	0 24	18 59	0 23	8 28	12 46	23 22	23 22	23 58	2 24	4 34			
T 14	23 7	24 16	1 27	21 28	0 22	21 12	2 18	21 48	0 10	19 32	0 47	6 38	1 48	22 50	0 24	19 0	0 23	8 28	12 46	23 22	23 22	23 58	2 25	4 34			
F 15	23 11	23 17	2 43	21 49	0 15	20 53	2 17	21 55	0 11	19 35	0 47	6 38	1 48	22 50	0 24	19 0	0 23	8 29	12 46	23 22	23 22	23 58	2 27	4 34			
S 16	23 14	20 43	3 48	22 8	0 8	20 35	2 16	22 2	0 11	19 37	0 47	6 38	1 48	22 50	0 24	19 0	0 23	8 29	12 47	23 22	23 22	23 58	2 28	4 34			
S 17	23 17	16 52	4 36	22 27	0 1	20 15	2 15	22 9	0 12	19 40	0 47	6 37	1 48	22 49	0 24	19 1	0 23	8 29	12 47	23 22	23 22	23 58	2 29	4 35			
M18	23 20	12 9	5 6	22 44	0s 6	19 55	2 14	22 16	0 12	19 42	0 47	6 37	1 49	22 49	0 24	19 1	0 23	8 30	12 47	23 22	23 22	23 58	2 31	4 35			
T 19	23 22	6 57	5 18	23 0	0 13	19 35	2 12	22 23	0 13	19 45	0 47	6 37	1 49	22 48	0 24	19 1	0 23	8 30	12 47	23 22	23 22	23 57	2 32	4 35			
W20	23 23	1 34	5 12	23 16	0 20	19 14	2 11	22 29	0 14	19 47	0 47	6 37	1 49	22 48	0 24	19 1	0 23	8 30	12 47	23 22	23 22	23 57	2 33	4 36			
T 21	23 24	3n46	4 50	23 30	0 27	18 53	2 9	22 35	0 14	19 50	0 47	6 37	1 49	22 48	0 24	19 2	0 23	8 31	12 47	23 22	23 22	23 57	2 35	4 36			
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S 31	23s 8	18n17	4n21	24s42	1s25	14s57	1s45	23s24	0s21	20s13	0n47	6n38	1n52	22s43	0s24	19n 5	0s23	8s33	12n48	23n22	23n21	23n55	2s44	4s39			