



Astrodienst Ephemeris Tables for the year 1976

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 1976

geocentric

JANUARY 1976

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	6 39 9	9°34'29	2°36	27°27	29°23	17°R22	15°Y32	1°R 4	6°M23	12°A32	11°A39	20°R51	19°M16	6°Y51	23°R35	T 1
F 2	6 43 5	10°42'40	15°30	28°51	0°A35	17°II 7	15°37	0°R59	6°25	12°34	11°40	20°M44	19°13	6°58	23°Y35	F 2
S 3	6 47 2	11°43'50	28°37	0°A12	1°47	16°52	15°41	0°55	6°27	12°36	11°40	20°34	19°10	7° 5	23°35	S 3
S 4	6 50 58	12°45'01	11°A28	1°30	2°59	16°38	15°46	0°50	6°29	12°38	11°41	20°24	19° 7	7°11	23°D35	S 4
M 5	6 54 55	13°46'12	24° 2	2°45	4°12	16°25	15°51	0°46	6°31	12°40	11°41	20°15	19° 3	7°18	23°35	M 5
T 6	6 58 52	14°47'22	6°H20	3°56	5°24	16°12	15°56	0°41	6°33	12°42	11°41	20° 6	19° 0	7°25	23°35	T 6
W 7	7 2 48	15°48'32	18°25	5° 1	6°36	16° 1	16° 1	0°36	6°35	12°44	11°42	20° 0	18°57	7°31	23°35	W 7
T 8	7 6 45	16°49'42	0°Y19	6° 1	7°49	15°50	16° 7	0°32	6°37	12°46	11°42	19°56	18°54	7°38	23°35	T 8
F 9	7 10 41	17°50'51	12° 9	6°55	9° 1	15°40	16°13	0°27	6°39	12°48	11°42	19°54	18°51	7°45	23°36	F 9
S 10	7 14 38	18°52'00	23°59	7°42	10°14	15°31	16°19	0°22	6°40	12°50	11°42	19°D54	18°47	7°51	23°36	S 10
S 11	7 18 34	19°53'08	5°B54	8°20	11°26	15°22	16°25	0°17	6°42	12°51	11°42	19°55	18°44	7°58	23°36	S 11
M12	7 22 31	20°54'16	18° 0	8°49	12°39	15°15	16°31	0°12	6°44	12°53	11°43	19°R56	18°41	8° 5	23°37	M12
T 13	7 26 27	21°55'23	0°II21	9° 9	13°52	15° 8	16°37	0° 8	6°45	12°55	11°43	19°55	18°38	8°11	23°37	T 13
W14	7 30 24	22°56'30	13° 3	9°R18	15° 4	15° 2	16°44	0° 3	6°47	12°57	11°R43	19°53	18°35	8°18	23°38	W14
T 15	7 34 21	23°57'36	26° 7	9°15	16°17	14°57	16°51	29°B58	6°49	12°59	11°43	19°48	18°32	8°25	23°38	T 15
F 16	7 38 17	24°58'41	9°B34	9° 1	17°30	14°53	16°57	29°53	6°50	13° 1	11°43	19°40	18°28	8°31	23°39	F 16
S 17	7 42 14	25°59'46	23°24	8°35	18°43	14°50	17° 4	29°48	6°51	13° 2	11°43	19°30	18°25	8°38	23°40	S 17
S 18	7 46 10	27° 0'51	7°B33	7°57	19°56	14°47	17°12	29°43	6°53	13° 4	11°42	19°19	18°22	8°45	23°40	S 18
M19	7 50 7	28° 1'55	21°55	7° 9	21° 9	14°45	17°19	29°38	6°54	13° 6	11°42	19° 7	18°19	8°51	23°41	M19
T 20	7 54 3	29° 2'58	6°H24	6°11	22°22	14°44	17°27	29°33	6°55	13° 8	11°42	18°57	18°16	8°58	23°42	T 20
W21	7 58 0	0°A401	20°53	5° 5	23°35	14°D44	17°34	29°28	6°56	13° 9	11°42	18°50	18°13	9° 5	23°43	W21
T 22	8 1 56	1° 5'04	5°A17	3°54	24°48	14°44	17°42	29°23	6°58	13°11	11°42	18°45	18° 9	9°11	23°44	T 22
F 23	8 5 53	2° 6'06	19°32	2°38	26° 1	14°46	17°50	29°18	6°59	13°13	11°41	18°42	18° 6	9°18	23°45	F 23
S 24	8 9 50	3° 7'08	3°M37	1°21	27°15	14°48	17°58	29°13	7° 0	13°14	11°41	18°D42	18° 3	9°25	23°46	S 24
S 25	8 13 46	4° 8'10	17°31	0° 5	28°28	14°50	18° 7	29° 9	7° 1	13°16	11°41	18°R42	18° 0	9°31	23°47	S 25
M26	8 17 43	5° 9'11	1°A13	28°B52	29°41	14°54	18°15	29° 4	7° 2	13°18	11°40	18°41	17°57	9°38	23°48	M26
T 27	8 21 39	6°10'11	14°45	27°43	0°B55	14°58	18°24	28°59	7° 2	13°19	11°40	18°39	17°53	9°45	23°49	T 27
W28	8 25 36	7°11'11	28° 7	26°41	2° 8	15° 3	18°32	28°54	7° 3	13°21	11°39	18°34	17°50	9°51	23°51	W28
T 29	8 29 32	8°12'10	11°B19	25°47	3°21	15° 8	18°41	28°49	7° 4	13°22	11°39	18°26	17°47	9°58	23°52	T 29
F 30	8 33 29	9°13'09	24°20	25° 1	4°35	15°14	18°50	28°44	7° 5	13°24	11°38	18°14	17°44	10° 5	23°53	F 30
S 31	8 37 25	10°A14'06	7°A 9	24°B24	5°B48	15°II21	18°Y59	28°B39	7°M 5	13°A25	11°A38	18°M 1	17°M41	10°Y12	23°Y55	S 31

Day	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
T 1	23s 5	20s 3	3n23	22s27	1s49	17s52	2n13	25n57	3n 8	4n55	1s18	20n10	0n15	13s11	0n29	20s49
F 2	23 0	18 23	4 11	22 4	1 42	18 8	2 11	25 56	3 8	4 57	1 18	20 12	0 16	13 12	0 29	20 50
S 3	22 55	15 48	4 44	21 40	1 35	18 24	2 10	25 55	3 9	4 59	1 18	20 13	0 16	13 13	0 29	20 50
S 4	22 50	12 30	5 2	21 15	1 27	18 40	2 8	25 54	3 9	5 1	1 17	20 14	0 16	13 13	0 29	20 50
M 5	22 44	8 42	5 5	20 49	1 18	18 55	2 6	25 53	3 9	5 3	1 17	20 15	0 16	13 14	0 29	20 50
T 6	22 37	4 38	4 54	20 23	1 8	19 10	2 4	25 52	3 10	5 5	1 17	20 16	0 16	13 15	0 29	20 51
W 7	22 30	0 27	4 30	19 56	0 57	19 24	2 2	25 51	3 10	5 8	1 16	20 17	0 16	13 15	0 29	20 51
T 8	22 23	3n42	3 54	19 30	0 45	19 38	2 0	25 50	3 10	5 10	1 16	20 18	0 16	13 16	0 29	20 51
F 9	22 15	7 41	3 8	19 4	0 32	19 51	1 58	25 49	3 10	5 13	1 16	20 19	0 16	13 16	0 29	20 51
S 10	22 7	11 23	2 14	18 38	0 18	20 4	1 56	25 48	3 10	5 15	1 16	20 20	0 16	13 17	0 29	20 51
S 11	21 58	14 40	1 14	18 14	0 3	20 16	1 54	25 47	3 10	5 18	1 15	20 22	0 17	13 17	0 29	20 52
M12	21 49	17 22	0 10	17 50	0n13	20 28	1 52	25 46	3 10	5 20	1 15	20 23	0 17	13 18	0 29	20 52
T 13	21 39	19 19	0s55	17 29	0 30	20 39	1 49	25 45	3 9	5 23	1 15	20 24	0 17	13 18	0 30	20 52
W14	21 29	20 23	2 0	17 9	0 48	20 50	1 47	25 44	3 9	5 26	1 14	20 25	0 17	13 19	0 30	20 52
T 15	21 19	20 23	3 0	16 52	1 6	21 0	1 44	25 43	3 9	5 29	1 14	20 26	0 17	13 19	0 30	20 52
T 16	21 8	19 14	3 32	16 38	1 25	21 10	1 42	25 42	3 8	5 32	1 14	20 27	0 17	13 20	0 30	20 53
S 17	20 57	16 57	4 32	16 27	1 44	21 19	1 39	25 42	3 8	5 34	1 14	20 28	0 17	13 20	0 30	20 53
S 18	20 45	13 37	4 56	16 19	2 2	21 27	1 37	25 41	3 8	5 37	1 13	20 30	0 17	13 21	0 30	20 53
M19	20 33	9 26	5 2	16 14	2 20	21 35	1 34	25 40	3 7	5 41	1 13	20 31	0 17	13 21	0 30	20 53
T 20	20 21	4 42	4 49	16 12	2 36	21 42	1 31	25 40	3 7	5 44	1 13	20 32	0 18	13 22	0 30	20 53
W21	20 8	0s19	4 17	16 14	2 51	21 48	1 29	25 39	3 6	5 47	1 13	20 33	0 18	13 22	0 30	20 54
T 22	19 55	5 18	3 29	16 18	3 4	21 54	1 26	25 39	3 6	5 50	1 12	20 34	0 18	13 22	0 30	20 54
F 23	19 42	9 56	2 28	16 24	3 15	22 0	1 23	25 38	3 5	5 53	1 12	20 35	0 18	13 23	0 30	20 54
S 24	19 28	13 58	1 19	16 33	3 24	22 4	1 20	25 38	3 5	5 57	1 12	20 36	0 18	13 23	0 30	20 54
S 25	19 13	17 10	0 6	16 43	3 29	22 8	1 17	25 37	3 4	6 0	1 12	20 38	0 18	13 23	0 30	20 54
M26	18 59	19 20	1n 6	16 55	3 33	22 12	1 15	25 37	3 3	6 3	1 11	20 39	0 18	13 23	0 30	20 54
T 27	18 44	20 22	2 13	17 7	3 34	22 15	1 12	25 37	3 3	6 7	1 11	20 40	0 18	13 24	0 30	20 55
W28	18 29	20 13	3 12	17 20	3 33	22 17	1 9	25 37	3 2	6 10	1 11	20 41	0 18	13 24	0 30	20 55
T 29	18 13	18 58	4 0	17 34	3 29	22 18	1 6	25 37	3 1	6 14	1 11	20 42	0 18	13 24	0 30	20 55
F 30	17 57	16 45	4 35	17 47	3 24	22 19	1 3	25 37	3 1	6 18	1 10	20 43	0 19	13 24	0 30	20 55
S 31	17s41	13s44	4n55	18s 0	3n17	22s19	1n 0	25n37	3n 0	6n21	1s10	20n44	0n19	13s25	0n30	20s55

Julian Day Number = 2442778.5, Delta T = 46.46 sec
 Ecliptic obliquity = 23°26'26", Nutation = 0°00'14", out-of-bounds declination in red
 Ayanamsha: Fagan/Bradley = 24°24'18", Lahiri = 23°31'19"

ASTRODIENST EPHEMERIS for the year 1976

geocentric

FEBRUARY 1976

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	8 41 22	11°15'03	19°46	23°R55	7°2	15°II29	19°V 8	28°R35	7°M 6	13°26	11°R37	17°R47	17°M38	10°V18	23°V56	S 1
M 2	8 45 19	12°15'58	2°10	23°35	8°15	15°37	19°18	28°30	7°6	13°28	11°37	17°M33	17°34	10°25	23°58	M 2
T 3	8 49 15	13°16'52	14°22	23°23	9°29	15°46	19°27	28°25	7°7	13°29	11°36	17°20	17°31	10°32	24°0	T 3
W 4	8 53 12	14°17'45	26°23	23°D20	10°42	15°55	19°37	28°21	7°7	13°31	11°35	17°10	17°28	10°38	24°1	W 4
T 5	8 57 8	15°18'37	8°V16	23°24	11°56	16°5	19°47	28°16	7°8	13°32	11°35	17°3	17°25	10°45	24°3	T 5
F 6	9 1 5	16°19'27	20°4	23°35	13°10	16°16	19°57	28°11	7°8	13°33	11°34	16°58	17°22	10°52	24°5	F 6
S 7	9 5 1	17°20'16	1°52	23°53	14°23	16°27	20°7	28°7	7°8	13°34	11°33	16°56	17°19	10°58	24°6	S 7
S 8	9 8 58	18°21'04	13°44	24°16	15°37	16°39	20°17	28°2	7°8	13°36	11°32	16°56	17°15	11°5	24°8	S 8
M 9	9 12 54	19°21'50	25°48	24°46	16°51	16°51	20°27	27°58	7°9	13°37	11°31	16°56	17°12	11°12	24°10	M 9
T 10	9 16 51	20°22'34	8°II 7	25°20	18°4	17°4	20°37	27°53	7°9	13°38	11°31	16°55	17°9	11°18	24°12	T 10
W11	9 20 48	21°23'17	20°47	25°59	19°18	17°17	20°48	27°49	7°R 9	13°39	11°30	16°52	17°6	11°25	24°14	W11
T 12	9 24 44	22°23'58	3°35	26°42	20°32	17°31	20°59	27°45	7°9	13°40	11°29	16°47	17°3	11°32	24°16	T 12
F 13	9 28 41	23°24'38	17°26	27°30	21°45	17°46	21°9	27°41	7°9	13°41	11°28	16°39	16°59	11°38	24°18	F 13
S 14	9 32 37	24°25'16	1°27	28°21	22°59	18°1	21°20	27°37	7°8	13°42	11°27	16°29	16°56	11°45	24°20	S 14
S 15	9 36 34	25°25'53	15°53	29°15	24°13	18°16	21°31	27°32	7°8	13°43	11°26	16°17	16°53	11°52	24°22	S 15
M16	9 40 30	26°26'28	0°M38	0°12	25°27	18°32	21°42	27°28	7°8	13°44	11°25	16°5	16°50	11°58	24°25	M16
T 17	9 44 27	27°27'02	15°33	1°12	26°41	18°48	21°53	27°25	7°8	13°45	11°24	15°54	16°47	12°5	24°27	T 17
W18	9 48 23	28°27'34	0°19	2°15	27°54	19°5	22°4	27°21	7°7	13°46	11°23	15°46	16°44	12°12	24°29	W18
T 19	9 52 20	29°28'04	15°17	3°20	29°8	19°22	22°16	27°17	7°7	13°47	11°22	15°40	16°40	12°18	24°32	T 19
F 20	9 56 17	0°H28'34	29°52	4°27	0°22	19°40	22°27	27°13	7°6	13°48	11°20	15°37	16°37	12°25	24°34	F 20
S 21	10 0 13	1°29'02	14°M 9	5°37	1°36	19°58	22°38	27°9	7°6	13°49	11°19	15°D37	16°34	12°32	24°36	S 21
S 22	10 4 10	2°29'29	28°6	6°48	2°50	20°16	22°50	27°6	7°5	13°49	11°18	15°R37	16°31	12°38	24°39	S 22
M23	10 8 6	3°29'55	11°24	8°1	4°4	20°35	23°2	27°2	7°5	13°50	11°17	15°36	16°28	12°45	24°41	M23
T 24	10 12 3	4°30'20	25°7	9°16	5°18	20°54	23°14	26°59	7°4	13°51	11°16	15°35	16°24	12°52	24°44	T 24
W25	10 15 59	5°30'43	8°313	10°33	6°32	21°14	23°25	26°56	7°3	13°52	11°14	15°31	16°21	12°58	24°47	W25
T 26	10 19 56	6°31'04	21°6	11°51	7°45	21°34	23°37	26°52	7°2	13°52	11°13	15°23	16°18	13°5	24°49	T 26
F 27	10 23 52	7°31'25	3°47	13°11	8°59	21°54	23°49	26°49	7°2	13°53	11°12	15°14	16°15	13°12	24°52	F 27
S 28	10 27 49	8°31'43	16°17	14°32	10°13	22°15	24°2	26°46	7°1	13°53	11°11	15°2	16°12	13°18	24°55	S 28
S 29	10 31 46	9°H32'00	28°38	15°54	11°27	22°II36	24°V14	26°43	7°M 0	13°54	11°10	14°M49	16°M 9	13°V25	24°V57	S 29

Day	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
S 1	17s24	10s 8	5n 0	18s13	3n 9	22s19	0n57	25n37	2n59	6n25	1s10	20n45	0n19	13s25	0n30	S 1
M 2	17 7	6 11	4 50	18 25	3 0	22 18	0 54	25 37	2 58	6 29	1 10	20 46	0 19	13 25	0 30	M 2
T 3	16 50	2 2	4 28	18 37	2 50	22 16	0 51	25 37	2 57	6 33	1 9	20 47	0 19	13 25	0 30	T 3
W 4	16 33	2n 8	3 54	18 48	2 40	22 13	0 47	25 37	2 57	6 37	1 9	20 48	0 19	13 25	0 30	W 4
T 5	16 15	6 11	3 9	18 58	2 29	22 10	0 44	25 38	2 56	6 40	1 9	20 49	0 19	13 25	0 30	T 5
F 6	15 57	9 58	2 17	19 7	2 18	22 6	0 41	25 38	2 55	6 44	1 9	20 50	0 19	13 25	0 30	F 6
S 7	15 38	13 21	1 19	19 16	2 6	22 2	0 38	25 38	2 54	6 48	1 8	20 51	0 19	13 25	0 30	S 7
S 8	15 20	16 14	0 17	19 23	1 55	21 57	0 35	25 39	2 53	6 52	1 8	20 52	0 19	13 25	0 30	S 8
M 9	15 1	18 27	0s47	19 29	1 43	21 51	0 32	25 39	2 53	6 56	1 8	20 53	0 20	13 25	0 30	M 9
T 10	14 42	19 51	1 50	19 35	1 31	21 45	0 29	25 40	2 52	7 0	1 8	20 54	0 20	13 25	0 30	T 10
W11	14 22	20 19	2 49	19 39	1 20	21 38	0 26	25 40	2 51	7 5	1 8	20 55	0 20	13 25	0 30	W11
T 12	14 3	19 42	3 41	19 42	1 8	21 30	0 23	25 41	2 50	7 9	1 7	20 56	0 20	13 25	0 30	T 12
F 13	13 43	17 57	4 23	19 44	0 57	21 22	0 20	25 41	2 49	7 13	1 7	20 57	0 20	13 25	0 30	F 13
S 14	13 23	15 7	4 51	19 44	0 46	21 13	0 17	25 42	2 48	7 17	1 7	20 58	0 20	13 25	0 30	S 14
S 15	13 3	11 17	5 1	19 44	0 35	21 3	0 13	25 42	2 47	7 21	1 7	20 59	0 20	13 25	0 30	S 15
M16	12 42	6 42	4 51	19 42	0 25	20 53	0 10	25 43	2 47	7 26	1 7	21 0	0 20	13 25	0 30	M16
T 17	12 22	1 40	4 22	19 39	0 15	20 42	0 7	25 43	2 46	7 30	1 6	21 1	0 20	13 25	0 30	T 17
W18	12 1	3s28	3 35	19 35	0 5	20 31	0 4	25 44	2 45	7 34	1 6	21 2	0 20	13 25	0 30	W18
T 19	11 40	8 23	2 33	19 29	0s 5	20 19	0 1	25 44	2 44	7 39	1 6	21 2	0 20	13 25	0 30	T 19
F 20	11 18	12 43	1 22	19 23	0 14	20 6	0s 2	25 45	2 43	7 43	1 6	21 3	0 21	13 25	0 30	F 20
S 21	10 57	16 12	0 8	19 15	0 23	19 53	0 4	25 45	2 42	7 48	1 6	21 4	0 21	13 24	0 30	S 21
S 22	10 35	18 40	1n 6	19 5	0 32	19 39	0 7	25 46	2 41	7 52	1 5	21 5	0 21	13 24	0 30	S 22
M23	10 13	19 59	2 14	18 55	0 40	19 24	0 10	25 47	2 41	7 57	1 5	21 5	0 21	13 24	0 30	M23
T 24	9 52	20 8	3 13	18 43	0 48	19 10	0 13	25 47	2 40	8 1	1 5	21 6	0 21	13 24	0 30	T 24
W25	9 29	19 10	4 1	18 30	0 56	18 54	0 16	25 47	2 39	8 6	1 5	21 7	0 21	13 23	0 30	W25
T 26	9 7	17 14	4 36	18 15	1 4	18 38	0 19	25 48	2 38	8 10	1 5	21 8	0 21	13 23	0 30	T 26
F 27	8 45	14 30	4 56	18 0	1 11	18 21	0 22	25 48	2 37	8 15	1 4	21 8	0 21	13 23	0 30	F 27
S 28	8 22	11 9	5 2	17 43	1 17	18 4	0 24	25 49	2 36	8 19	1 4	21 9	0 21	13 23	0 30	S 28
S 29	8s 0	7s21	4n54	17s24	1s24	17s47	0s27	25n49	2n35	8n24	1s 4	21n10	0n21	13s22	0n30	S 29

Julian Day Number = 2442809.5, Delta T = 46.55 sec
 Ecliptic obliquity = 23°26'26, Nutation = 0°00'15, out-of-bounds declination in red
 Ayanamsha: Fagan/Bradley = 24°24'22, Lahiri = 23°31'23

ASTRODIENST EPHEMERIS for the year 1976

geocentric

MARCH 1976

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	10 35 42	10°32'15	10°49	17°18	12°41	22°57	24°26	26°40	6°59	13°55	11°R 8	14°R37	16°M 5	13°Y32	25°Y 0	M 1
T 2	10 39 39	11°32'28	22°51	18°43	13°55	23°19	24°38	26°38	6°58	13°55	11°A 6	14°M26	16° 2	13°38	25° 3	T 2
W 3	10 43 35	12°32'40	4°Y46	20° 9	15° 9	23°41	24°51	26°35	6°57	13°55	11° 5	14°17	15°59	13°45	25° 6	W 3
T 4	10 47 32	13°32'49	16°36	21°37	16°23	24° 4	25° 3	26°32	6°55	13°56	11° 4	14°10	15°56	13°52	25° 9	T 4
F 5	10 51 28	14°32'57	28°23	23° 6	17°37	24°26	25°16	26°30	6°54	13°56	11° 2	14° 6	15°53	13°58	25°11	F 5
S 6	10 55 25	15°33'03	10°B10	24°36	18°51	24°49	25°29	26°27	6°53	13°57	11° 1	14°D 5	15°50	14° 5	25°14	S 6
S 7	10 59 21	16°33'06	22° 2	26° 7	20° 5	25°12	25°41	26°25	6°52	13°57	10°59	14° 5	15°46	14°12	25°17	S 7
M 8	11 3 18	17°33'08	4°II 4	27°39	21°19	25°36	25°54	26°23	6°50	13°57	10°58	14° 6	15°43	14°18	25°20	M 8
T 9	11 7 14	18°33'07	16°20	29°13	22°33	26° 0	26° 7	26°21	6°49	13°57	10°56	14°R 7	15°40	14°25	25°23	T 9
W10	11 11 11	19°33'04	28°57	0°K47	23°47	26°24	26°20	26°19	6°48	13°58	10°55	14° 6	15°37	14°32	25°26	W10
T 11	11 15 8	20°32'59	11°B57	2°23	25° 1	26°48	26°33	26°17	6°46	13°58	10°53	14° 4	15°34	14°38	25°30	T 11
F 12	11 19 4	21°32'52	25°26	4° 0	26°15	27°13	26°46	26°15	6°45	13°58	10°52	13°59	15°30	14°45	25°33	F 12
S 13	11 23 1	22°32'42	9°Q25	5°38	27°29	27°38	26°59	26°14	6°43	13°58	10°50	13°53	15°27	14°52	25°36	S 13
S 14	11 26 57	23°32'31	23°52	7°18	28°43	28° 3	27°12	26°12	6°42	13°58	10°49	13°45	15°24	14°58	25°39	S 14
M15	11 30 54	24°32'17	8°M43	8°58	29°57	28°28	27°25	26°11	6°40	13°58	10°47	13°38	15°21	15° 5	25°42	M15
T 16	11 34 50	25°32'01	23°50	10°40	1°K11	28°54	27°39	26° 9	6°38	13°58	10°45	13°30	15°18	15°12	25°45	T 16
W17	11 38 47	26°31'43	9°A 3	12°23	2°25	29°20	27°52	26° 8	6°36	13°58	10°44	13°25	15°15	15°18	25°49	W17
T 18	11 42 43	27°31'23	24°11	14° 7	3°39	29°46	28° 5	26° 7	6°35	13°58	10°42	13°21	15°11	15°25	25°52	T 18
F 19	11 46 40	28°31'02	9°M 7	15°52	4°53	0°B12	28°19	26° 6	6°33	13°58	10°41	13°D20	15° 8	15°32	25°55	F 19
S 20	11 50 37	29°30'38	23°42	17°39	6° 7	0°38	28°32	26° 5	6°31	13°58	10°39	13°20	15° 5	15°38	25°58	S 20
S 21	11 54 33	0°Y30'13	7°A54	19°27	7°21	1° 5	28°46	26° 4	6°29	13°58	10°37	13°21	15° 2	15°45	26° 2	S 21
M22	11 58 30	1°29'46	21°41	21°16	8°35	1°32	28°59	26° 3	6°27	13°58	10°36	13°22	14°59	15°52	26° 5	M22
T 23	12 2 26	2°29'18	5°B 5	23° 6	9°49	1°59	29°13	26° 3	6°25	13°57	10°34	13°R23	14°56	15°58	26° 9	T 23
W24	12 6 23	3°28'48	18° 8	24°58	11° 3	2°26	29°27	26° 2	6°23	13°57	10°32	13°22	14°52	16° 5	26°12	W24
T 25	12 10 19	4°28'16	0°A53	26°51	12°17	2°53	29°40	26° 2	6°21	13°57	10°31	13°19	14°49	16°12	26°15	T 25
F 26	12 14 16	5°27'42	13°22	28°45	13°31	3°21	29°54	26° 2	6°19	13°57	10°29	13°14	14°46	16°18	26°19	F 26
S 27	12 18 12	6°27'06	25°40	0°Y41	14°45	3°49	0°B 8	26° 2	6°17	13°56	10°27	13° 8	14°43	16°25	26°22	S 27
S 28	12 22 9	7°26'28	7°K47	2°37	15°59	4°17	0°22	26°D 2	6°15	13°56	10°26	13° 2	14°40	16°32	26°26	S 28
M29	12 26 6	8°25'49	19°47	4°35	17°13	4°45	0°35	26° 2	6°13	13°55	10°24	12°55	14°36	16°38	26°29	M29
T 30	12 30 2	9°25'07	1°Y40	6°35	18°27	5°13	0°49	26° 2	6°11	13°55	10°22	12°49	14°33	16°45	26°33	T 30
W31	12 33 59	10°Y24'24	13°Y30	8°Y35	19°K41	5°B42	1°B 3	26°B 2	6°M 9	13°A55	10°A21	12°M44	14°M30	16°Y52	26°Y36	W31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
M 1	7s37	3s19	4n32	17s 5	1s30	17s29	0s30	25n49	2n34	8n29	1s 4	21n10	0n21	13s22	0n30	M 1
T 2	7 14	0n48	3 58	16 44	1 36	17 10	0 32	25 50	2 34	8 33	1 4	21 11	0 21	13 22	0 30	T 2
W 3	6 51	4 52	3 14	16 22	1 41	16 51	0 35	25 50	2 33	8 38	1 4	21 11	0 21	13 21	0 30	W 3
T 4	6 28	8 42	2 22	15 58	1 46	16 31	0 37	25 50	2 32	8 43	1 3	21 12	0 22	13 21	0 30	T 4
F 5	6 5	5 12	1 23	15 33	1 50	16 11	0 40	25 50	2 31	8 48	1 3	21 13	0 22	13 20	0 30	F 5
S 6	5 42	15 12	0 21	15 7	1 55	15 51	0 42	25 50	2 30	8 52	1 3	21 13	0 22	13 20	0 30	S 6
S 7	5 19	17 36	0s43	14 40	1 58	15 30	0 45	25 50	2 29	8 57	1 3	21 14	0 22	13 20	0 31	S 7
M 8	4 55	19 14	1 45	14 12	2 2	15 8	0 47	25 50	2 28	9 2	1 3	21 14	0 22	13 19	0 31	M 8
T 9	4 32	20 1	2 44	13 42	2 5	14 46	0 49	25 50	2 28	9 7	1 3	21 15	0 22	13 19	0 31	T 9
W10	4 8	19 49	3 37	13 11	2 7	14 24	0 51	25 50	2 27	9 11	1 3	21 15	0 22	13 18	0 31	W10
T 11	3 45	18 34	4 21	12 38	2 10	14 2	0 54	25 50	2 26	9 16	1 3	21 15	0 22	13 18	0 31	T 11
F 12	3 21	16 16	4 52	12 5	2 11	13 39	0 56	25 50	2 25	9 21	1 2	21 16	0 22	13 17	0 31	F 12
S 13	2 58	12 58	5 6	11 30	2 13	13 15	0 58	25 49	2 24	9 26	1 2	21 16	0 22	13 17	0 31	S 13
S 14	2 34	8 48	5 3	10 54	2 14	12 51	1 0	25 49	2 24	9 31	1 2	21 17	0 22	13 16	0 31	S 14
M15	2 10	4 0	4 39	10 17	2 14	12 27	1 2	25 49	2 23	9 36	1 2	21 17	0 22	13 16	0 31	M15
T 16	1 47	1s 9	3 55	9 38	2 14	12 3	1 4	25 48	2 22	9 41	1 2	21 17	0 22	13 15	0 31	T 16
W17	1 23	6 15	2 54	8 59	2 14	11 38	1 6	25 47	2 21	9 45	1 2	21 17	0 22	13 14	0 31	W17
T 18	0 59	10 57	1 42	8 18	2 13	11 13	1 7	25 47	2 20	9 50	1 1	21 18	0 22	13 14	0 31	T 18
F 19	0 35	14 54	0 23	7 36	2 12	10 48	1 9	25 46	2 19	9 55	1 1	21 18	0 23	13 13	0 31	F 19
S 20	0 12	17 48	0n56	6 53	2 10	10 22	1 11	25 45	2 19	10 0	1 1	21 18	0 23	13 13	0 31	S 20
S 21	0n12	19 30	2 9	6 8	2 8	9 56	1 12	25 44	2 18	10 5	1 1	21 18	0 23	13 12	0 31	S 21
M22	0 36	19 58	3 13	5 23	2 5	9 30	1 14	25 43	2 17	10 10	1 1	21 19	0 23	13 11	0 31	M22
T 23	0 59	19 16	4 4	4 36	2 2	9 3	1 15	25 42	2 16	10 15	1 1	21 19	0 23	13 11	0 31	T 23
W24	1 23	17 34	4 41	3 48	1 58	8 36	1 17	25 41	2 15	10 20	1 1	21 19	0 23	13 10	0 31	W24
T 25	1 47	15 1	5 3	3 0	1 54	8 10	1 18	25 39	2 15	10 25	1 1	21 19	0 23	13 9	0 31	T 25
F 26	2 10	11 50	5 11	2 10	1 49	7 42	1 20	25 38	2 14	10 30	1 0	21 19	0 23	13 9	0 31	F 26
S 27	2 34	8 12	5 3	1 19	1 44	7 15	1 21	25 36	2 13	10 35	1 0	21 19	0 23	13 8	0 31	S 27
S 28	2 57	4 17	4 42	0 27	1 38	6 47	1 22	25 35	2 12	10 40	1 0	21 19	0 23	13 7	0 31	S 28
M29	3 21	0 14	4 9	0n26	1 31	6 19	1 23	25 33	2 12	10 44	1 0	21 19	0 23	13 7	0 31	M29
T 30	3 44	3n48	3 25	1 19	1 24	5 51	1 24	25 31	2 11	10 49	1 0	21 19	0 23	13 6	0 31	T 30
W31	4n 7	7n41	2n33	2n13	1s17	5s23	1s25	25n29	2n10	10n54	1s 0	21n19	0n23	13s 5	0n31	W31

Julian Day Number = 2442838.5, Delta T = 46.63 sec

Ecliptic obliquity = 23°26'27", Nutation = 0°00'14", out-of-bounds declination in red

Ayanamsha: Fagan/Bradley = 24°24'26", Lahiri = 23°31'27"

ASTRODIENST EPHEMERIS for the year 1976

geocentric

APRIL 1976

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	12 37 55	11°23'38	25°18	10°36	20°55	6°10	18°17	26°3	6°R 6	13°R54	10°R19	12°R41	14°M27	16°Y58	26°Y40	T 1	
F 2	12 41 52	12°22'51	7°8 6	12°38	22° 9	6°39	1°31	26° 3	6°M 4	13°R54	10°R17	12°D40	14°24	17° 5	26°43	F 2	
S 3	12 45 48	13°22'01	18°56	14°42	23°23	7° 8	1°45	26° 4	6° 2	13°53	10°16	12°M40	14°21	17°11	26°47	S 3	
S 4	12 49 45	14°21'09	0°II52	16°45	24°37	7°37	1°59	26° 4	6° 0	13°52	10°14	12°41	14°17	17°18	26°50	S 4	
M 5	12 53 41	15°20'15	12°57	18°50	25°51	8° 7	2°13	26° 5	5°57	13°52	10°12	12°43	14°14	17°25	26°54	M 5	
T 6	12 57 38	16°19'19	25°16	20°54	27° 5	8°36	2°28	26° 6	5°55	13°51	10°11	12°44	14°11	17°31	26°58	T 6	
W 7	13 1 35	17°18'20	7°51	22°59	28°19	9° 6	2°42	26° 7	5°53	13°50	10° 9	12°46	14° 8	17°38	27° 1	W 7	
T 8	13 5 31	18°17'19	20°48	25° 4	29°32	9°35	2°56	26° 8	5°50	13°50	10° 7	12°R46	14° 5	17°45	27° 5	T 8	
F 9	13 9 28	19°16'16	4°II10	27° 8	0°Y46	10° 5	3°10	26°10	5°48	13°49	10° 6	12°45	14° 1	17°51	27° 8	F 9	
S 10	13 13 24	20°15'10	17°59	29°11	2° 0	10°35	3°24	26°11	5°45	13°48	10° 4	12°43	13°58	17°58	27°12	S 10	
S 11	13 17 21	21°14'02	2°M15	18°14	3°14	11° 5	3°38	26°13	5°43	13°47	10° 2	12°41	13°55	18° 5	27°16	S 11	
M12	13 21 17	22°12'52	16°56	3°15	4°28	11°36	3°53	26°14	5°41	13°46	10° 1	12°38	13°52	18°11	27°19	M12	
T 13	13 25 14	23°11'40	1°A57	5°14	5°42	12° 6	4° 7	26°16	5°38	13°46	9°59	12°36	13°49	18°18	27°23	T 13	
W14	13 29 10	24°10'25	17° 9	7°11	6°56	12°36	4°21	26°18	5°36	13°45	9°57	12°34	13°46	18°25	27°26	W14	
T 15	13 33 7	25° 9'09	2°M23	9° 6	8°10	13° 7	4°35	26°20	5°33	13°44	9°56	12°33	13°42	18°31	27°30	T 15	
F 16	13 37 3	26° 7'50	17°29	10°58	9°24	13°38	4°50	26°22	5°31	13°43	9°54	12°D32	13°39	18°38	27°34	F 16	
S 17	13 41 0	27° 6'30	2°A18	12°46	10°38	14° 9	5° 4	26°24	5°28	13°42	9°53	12°33	13°36	18°45	27°37	S 17	
S 18	13 44 57	28° 5'08	16°44	14°32	11°51	14°39	5°18	26°26	5°26	13°41	9°51	12°34	13°33	18°51	27°41	S 18	
M19	13 48 53	29° 3'45	0°B44	16°13	13° 5	15°11	5°33	26°28	5°23	13°40	9°50	12°35	13°30	18°58	27°45	M19	
T 20	13 52 50	0°B 2'19	14°18	17°51	14°19	15°42	5°47	26°31	5°20	13°39	9°48	12°36	13°27	19° 5	27°48	T 20	
W21	13 56 46	1° 0'52	27°26	19°25	15°33	16°13	6° 1	26°33	5°18	13°38	9°46	12°R36	13°23	19°11	27°52	W21	
T 22	14 0 43	1°59'24	10°A11	20°54	16°47	16°44	6°16	26°36	5°15	13°37	9°45	12°36	13°20	19°18	27°55	T 22	
F 23	14 4 39	2°57'54	22°38	22°20	18° 1	17°16	6°30	26°39	5°13	13°36	9°43	12°36	13°17	19°25	27°59	F 23	
S 24	14 8 36	3°56'22	4°A49	23°40	19°15	17°47	6°44	26°42	5°10	13°34	9°42	12°35	13°14	19°31	28° 3	S 24	
S 25	14 12 32	4°54'48	16°50	24°56	20°28	18°19	6°59	26°45	5° 8	13°33	9°40	12°34	13°11	19°38	28° 6	S 25	
M26	14 16 29	5°53'13	28°43	26° 7	21°42	18°51	7°13	26°48	5° 5	13°32	9°39	12°33	13° 7	19°45	28°10	M26	
T 27	14 20 26	6°51'36	10°Y32	27°13	22°56	19°23	7°28	26°51	5° 3	13°31	9°38	12°32	13° 4	19°51	28°14	T 27	
W28	14 24 22	7°49'57	22°19	28°14	24°10	19°55	7°42	26°54	5° 0	13°30	9°36	12°31	13° 1	19°58	28°17	W28	
T 29	14 28 19	8°48'17	4°B 8	29°11	25°24	20°27	7°56	26°57	4°57	13°28	9°35	12°31	12°58	20° 5	28°21	T 29	
F 30	14 32 15	9°46'35	16°B 0	0°II 2	26°Y38	20°59	8°B11	27°5 1	4°M55	13°R27	9°A33	12°D31	12°M55	20°Y11	28°Y24	F 30	

Day	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	
T 1	4n30	11n15	1n34	3n 8	1s 9	4s55	1s26	25n27	2n 9	10n59	1s 0	21n19	0n23	13s 4	0n31	20s56	1n33
F 2	4 54	14 22	0 31	4 4	1 1	4 27	1 27	25 25	2 9	11 4	1 0	21 19	0 23	13 4	0 31	20 56	1 33
S 3	5 17	16 54	0s34	5 0	0 52	3 58	1 27	25 23	2 8	11 9	1 0	21 19	0 23	13 3	0 31	20 56	1 33
S 4	5 40	18 44	1 38	5 56	0 43	3 29	1 28	25 20	2 7	11 14	1 0	21 19	0 23	13 2	0 31	20 56	1 33
M 5	6 2	19 43	2 39	6 52	0 33	3 1	1 29	25 18	2 6	11 19	0 59	21 19	0 24	13 1	0 31	20 56	1 33
T 6	6 25	19 48	3 33	7 48	0 23	2 32	1 29	25 15	2 6	11 24	0 59	21 19	0 24	13 1	0 31	20 55	1 33
W 7	6 48	18 54	4 19	8 45	0 12	2 3	1 30	25 12	2 5	11 29	0 59	21 19	0 24	13 0	0 31	20 55	1 33
T 8	7 10	17 1	4 53	9 41	0 2	1 34	1 30	25 9	2 4	11 34	0 59	21 19	0 24	12 59	0 31	20 55	1 33
F 9	7 33	14 10	5 12	10 36	0n 9	1 5	1 30	25 6	2 3	11 39	0 59	21 18	0 24	12 58	0 31	20 55	1 33
S 10	7 55	10 27	5 14	11 30	0 20	0 35	1 31	25 3	2 3	11 44	0 59	21 18	0 24	12 57	0 31	20 55	1 33
S 11	8 17	6 3	4 57	12 24	0 32	0 6	1 31	25 0	2 2	11 48	0 59	21 18	0 24	12 57	0 31	20 55	1 33
M12	8 39	1 9	4 21	13 16	0 43	0n23	1 31	24 57	2 1	11 53	0 59	21 18	0 24	12 56	0 31	20 55	1 33
T 13	9 1	3s56	3 26	14 7	0 54	0 52	1 31	24 53	2 0	11 58	0 59	21 17	0 24	12 55	0 31	20 54	1 33
W14	9 23	8 50	2 16	14 56	1 5	1 21	1 31	24 50	2 0	12 3	0 59	21 17	0 24	12 54	0 31	20 54	1 33
T 15	9 44	13 11	0 56	15 44	1 16	1 51	1 31	24 46	1 59	12 8	0 59	21 17	0 24	12 53	0 31	20 54	1 33
F 16	10 5	16 37	0n27	16 29	1 26	2 20	1 31	24 42	1 58	12 13	0 59	21 17	0 24	12 53	0 31	20 54	1 33
S 17	10 27	18 52	1 47	17 12	1 36	2 49	1 31	24 38	1 58	12 18	0 58	21 16	0 24	12 52	0 31	20 54	1 34
S 18	10 48	19 49	2 58	17 53	1 46	3 18	1 30	24 34	1 57	12 22	0 58	21 16	0 24	12 51	0 31	20 54	1 34
M19	11 8	19 30	3 57	18 32	1 55	3 47	1 30	24 30	1 56	12 27	0 58	21 15	0 24	12 50	0 31	20 54	1 34
T 20	11 29	18 3	4 39	19 8	2 4	4 16	1 30	24 26	1 56	12 32	0 58	21 15	0 24	12 49	0 31	20 53	1 34
W21	11 50	15 40	5 6	19 42	2 11	4 45	1 29	24 21	1 55	12 37	0 58	21 15	0 24	12 48	0 31	20 53	1 34
T 22	12 10	12 36	5 17	20 13	2 19	5 14	1 29	24 17	1 54	12 42	0 58	21 14	0 24	12 48	0 31	20 53	1 34
F 23	12 30	9 3	5 12	20 41	2 25	5 42	1 28	24 12	1 53	12 46	0 58	21 14	0 24	12 47	0 31	20 53	1 34
S 24	12 50	5 11	4 54	21 7	2 30	6 11	1 27	24 7	1 53	12 51	0 58	21 13	0 25	12 46	0 31	20 53	1 34
S 25	13 10	1 10	4 22	21 30	2 35	6 39	1 27	24 2	1 52	12 56	0 58	21 13	0 25	12 45	0 31	20 53	1 34
M26	13 29	2n51	3 40	21 51	2 38	7 8	1 26	23 57	1 51	13 1	0 58	21 12	0 25	12 44	0 31	20 52	1 34
T 27	13 48	6 45	2 49	22 9	2 41	7 36	1 25	23 52	1 51	13 5	0 58	21 12	0 25	12 43	0 31	20 52	1 34
W28	14 7	10 23	1 50	22 25	2 43	8 4	1 24	23 47	1 50	13 10	0 58	21 11	0 25	12 42	0 31	20 52	1 34
T 29	14 26	13 37	0 47	22 38	2 44	8 32	1 23	23 41	1 49	13 15	0 58	21 10	0 25	12 42	0 31	20 52	1 34
F 30	14n45	16n19	0s19	22n49	2n43	8n59	1s22	23n36	1n49	13n19	0s58	21n10	0n25	12s41	0n31	20s52	1n34

Julian Day Number = 2442869.5, Delta T = 46.72 sec
 Ecliptic obliquity = 23°26'27", Nutation = 0°00'12", out-of-bounds declination in red
 Ayanamsha: Fagan/Bradley = 24°24'31", Lahiri = 23°31'31"

ASTRODIENST EPHEMERIS for the year 1976

geocentric

MAY 1976

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	14 36 12	10♂44'51	27♂57	0♂48	27♂51	21♂31	8♂25	27♂4	4°R52	13°R26	9°R32	12♂31	12♂52	20♂18	28♂28	S 1
S 2	14 40 8	11°43'05	10♂3	1°28	29°5	22°3	8°39	27°8	4♂50	13♂25	9♂31	12°31	12°48	20°25	28°31	S 2
M 3	14 44 5	12°41'18	22°18	2°3	0♂19	22°36	8°54	27°12	4°47	13°23	9°29	12°R31	12°45	20°31	28°35	M 3
T 4	14 48 1	13°39'29	4♂45	2°34	1°33	23°8	9°8	27°15	4°45	13°22	9°28	12°31	12°42	20°38	28°39	T 4
W 5	14 51 58	14°37'37	17°28	2°58	2°47	23°41	9°22	27°19	4°42	13°21	9°27	12°31	12°39	20°45	28°42	W 5
T 6	14 55 55	15°35'44	0♂28	3°18	4°0	24°14	9°37	27°23	4°40	13°19	9°25	12°31	12°36	20°51	28°46	T 6
F 7	14 59 51	16°33'49	13°48	3°32	5°14	24°46	9°51	27°27	4°37	13°18	9°24	12°D31	12°33	20°58	28°49	F 7
S 8	15 3 48	17°31'52	27°29	3°40	6°28	25°19	10°5	27°31	4°35	13°16	9°23	12°31	12°29	21°5	28°53	S 8
S 9	15 7 44	18°29'52	11♂32	3°R44	7°42	25°52	10°19	27°36	4°32	13°15	9°22	12°31	12°26	21°11	28°56	S 9
M10	15 11 41	19°27'51	25°57	3°43	8°55	26°25	10°34	27°40	4°30	13°14	9°20	12°32	12°23	21°18	29°0	M10
T 11	15 15 37	20°25'48	10♂40	3°36	10°9	26°58	10°48	27°44	4°28	13°12	9°19	12°32	12°20	21°24	29°3	T 11
W12	15 19 34	21°23'44	25°36	3°25	11°23	27°31	11°2	27°49	4°25	13°11	9°18	12°33	12°17	21°31	29°6	W12
T 13	15 23 30	22°21'37	10♂37	3°10	12°37	28°4	11°16	27°53	4°23	13°9	9°17	12°R33	12°13	21°38	29°10	T 13
F 14	15 27 27	23°19'30	25°37	2°50	13°50	28°38	11°31	27°58	4°20	13°8	9°16	12°33	12°10	21°44	29°13	F 14
S 15	15 31 24	24°17'20	10♂26	2°27	15°4	29°11	11°45	28°3	4°18	13°6	9°15	12°32	12°7	21°51	29°17	S 15
S 16	15 35 20	25°15'10	24°56	2°1	16°18	29°44	11°59	28°8	4°16	13°5	9°14	12°31	12°4	21°58	29°20	S 16
M17	15 39 17	26°12'58	9♂4	1°32	17°31	0♂18	12°13	28°12	4°13	13°3	9°13	12°29	12°1	22°4	29°23	M17
T 18	15 43 13	27°10'44	22°45	1°1	18°45	0°51	12°27	28°17	4°11	13°2	9°12	12°28	11°58	22°11	29°27	T 18
W19	15 47 10	28°8'30	6♂0	0°27	19°59	1°25	12°41	28°22	4°9	13°0	9°11	12°26	11°54	22°18	29°30	W19
T 20	15 51 6	29°6'15	18°50	29♂53	21°13	1°59	12°55	28°28	4°7	12°58	9°10	12°25	11°51	22°24	29°33	T 20
F 21	15 55 3	0♂3'58	1♂19	29°19	22°26	2°32	13°9	28°33	4°4	12°57	9°9	12°D25	11°48	22°31	29°36	F 21
S 22	15 58 59	1°14'40	13°30	28°44	23°40	3°6	13°23	28°38	4°2	12°55	9°8	12°25	11°45	22°38	29°40	S 22
S 23	16 2 56	1°59'21	25°29	28°10	24°54	3°40	13°37	28°43	4°0	12°54	9°7	12°26	11°42	22°44	29°43	S 23
M24	16 6 53	2°57'01	7♂20	27°38	26°7	4°14	13°51	28°49	3°58	12°52	9°6	12°28	11°38	22°51	29°46	M24
T 25	16 10 49	3°54'41	19°8	27°7	27°21	4°48	14°5	28°54	3°56	12°51	9°6	12°29	11°35	22°58	29°49	T 25
W26	16 14 46	4°52'19	0♂56	26°39	28°35	5°22	14°19	29°0	3°54	12°49	9°5	12°31	11°32	23°4	29°52	W26
T 27	16 18 42	5°49'56	12°48	26°13	29°49	5°56	14°33	29°5	3°52	12°47	9°4	12°R31	11°29	23°11	29°55	T 27
F 28	16 22 39	6°47'32	24°47	25°51	1♂2	6°30	14°47	29°11	3°50	12°46	9°3	12°31	11°26	23°18	29°59	F 28
S 29	16 26 35	7°45'07	6♂55	25°32	2°16	7°5	15°0	29°17	3°48	12°44	9°3	12°29	11°23	23°24	0♂2	S 29
S 30	16 30 32	8°42'41	19°14	25°17	3°30	7°39	15°14	29°23	3°46	12°43	9°2	12°26	11°19	23°31	0°5	S 30
M31	16 34 28	9♂40'13	1♂46	25♂6	4♂43	8♂13	15♂28	29♂28	3♂44	12♂41	9♂1	12♂22	11♂16	23♂38	0♂8	M31

Day	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
S 1	15n 3	18n20	1s25	22n57	2n42	9n27	1s21	23n30	1n48	13n24	0s58	21n 9	0n25	12s40	0n31	S 1
S 2	15 21	19 32	2 27	23 3	2 39	9 54	1 20	23 24	1 47	13 29	0 58	21 8	0 25	12 39	0 31	S 2
M 3	15 39	19 50	3 24	23 7	2 35	10 21	1 19	23 18	1 47	13 33	0 58	21 8	0 25	12 38	0 31	M 3
T 4	15 56	19 10	4 12	23 8	2 31	10 48	1 18	23 12	1 46	13 38	0 58	21 7	0 25	12 37	0 31	T 4
W 5	16 14	17 32	4 48	23 7	2 25	11 14	1 16	23 6	1 45	13 42	0 57	21 6	0 25	12 37	0 31	W 5
T 6	16 31	14 59	5 11	23 4	2 17	11 41	1 15	22 59	1 45	13 47	0 57	21 6	0 25	12 36	0 31	T 6
F 7	16 47	11 37	5 18	22 58	2 9	12 7	1 14	22 53	1 44	13 52	0 57	21 5	0 25	12 35	0 31	F 7
S 8	17 4	7 32	5 7	22 51	2 0	12 32	1 12	22 46	1 43	13 56	0 57	21 4	0 25	12 34	0 31	S 8
S 9	17 20	2 57	4 38	22 41	1 49	12 58	1 11	22 39	1 43	14 1	0 57	21 3	0 25	12 33	0 31	S 9
M10	17 36	1s55	3 51	22 29	1 37	13 23	1 9	22 32	1 42	14 5	0 57	21 3	0 25	12 32	0 31	M10
T 11	17 51	6 48	2 48	22 15	1 25	13 48	1 7	22 25	1 41	14 9	0 57	21 2	0 25	12 32	0 31	T 11
W12	18 7	11 20	1 33	22 0	1 11	14 12	1 6	22 18	1 41	14 14	0 57	21 1	0 25	12 31	0 31	W12
T 13	18 22	15 11	0 11	21 43	0 56	14 36	1 4	22 11	1 40	14 18	0 57	21 0	0 25	12 30	0 31	T 13
F 14	18 36	18 0	1n12	21 24	0 41	15 0	1 2	22 4	1 40	14 23	0 57	20 59	0 26	12 29	0 30	F 14
S 15	18 51	19 34	2 29	21 3	0 25	15 24	1 1	21 56	1 39	14 27	0 57	20 58	0 26	12 29	0 30	S 15
S 16	19 5	19 47	3 34	20 42	0 8	15 47	0 59	21 48	1 38	14 31	0 57	20 57	0 26	12 28	0 30	S 16
M17	19 18	18 44	4 25	20 19	0s 9	16 9	0 57	21 41	1 38	14 36	0 57	20 56	0 26	12 27	0 30	M17
T 18	19 32	16 37	4 58	19 56	0 27	16 31	0 55	21 33	1 37	14 40	0 57	20 55	0 26	12 26	0 30	T 18
W19	19 45	13 41	5 15	19 32	0 44	16 53	0 53	21 25	1 36	14 44	0 57	20 54	0 26	12 26	0 30	W19
T 20	19 58	10 11	5 15	19 7	1 2	17 15	0 51	21 17	1 36	14 49	0 57	20 53	0 26	12 25	0 30	T 20
F 21	20 10	6 20	5 0	18 43	1 19	17 35	0 49	21 8	1 35	14 53	0 57	20 52	0 26	12 24	0 30	F 21
S 22	20 22	2 18	4 31	18 19	1 36	17 56	0 47	21 0	1 34	14 57	0 57	20 51	0 26	12 23	0 30	S 22
S 23	20 34	1n45	3 52	17 55	1 53	18 16	0 45	20 51	1 34	15 1	0 57	20 50	0 26	12 23	0 30	S 23
M24	20 45	5 42	3 2	17 33	2 9	18 36	0 43	20 43	1 33	15 5	0 57	20 49	0 26	12 22	0 30	M24
T 25	20 56	9 26	2 6	17 11	2 24	18 55	0 41	20 34	1 33	15 9	0 57	20 48	0 26	12 21	0 30	T 25
W26	21 7	12 47	1 4	16 51	2 38	19 13	0 38	20 25	1 32	15 14	0 57	20 47	0 26	12 21	0 30	W26
T 27	21 17	15 39	0s 2	16 32	2 51	19 31	0 36	20 16	1 31	15 18	0 57	20 46	0 26	12 20	0 30	T 27
F 28	21 27	17 53	1 7	16 15	3 3	19 49	0 34	20 7	1 31	15 22	0 57	20 45	0 26	12 19	0 30	F 28
S 29	21 36	19 19	2 10	16 0	3 14	20 6	0 32	19 57	1 30	15 26	0 57	20 44	0 26	12 19	0 30	S 29
S 30	21 45	19 52	3 8	15 47	3 24	20 22	0 30	19 48	1 30	15 30	0 57	20 43	0 26	12 18	0 30	S 30
M31	21n54	19n27	3s58	15n36	3s33	20n38	0s27	19n39	1n29	15n34	0s57	20n42	0n26	12s17	0n30	M31

Julian Day Number = 2442899.5, Delta T = 46.81 sec

Ecliptic obliquity = 23°26'26, Nutation = 0°00'11, out-of-bounds declination in red

Ayanamsha: Fagan/Bradley = 24°24'35, Lahiri = 23°31'35

ASTRODIENST EPHEMERIS for the year 1976

geocentric

JUNE 1976

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	16 38 25	10 ^{II} 3745	14 [☾] 30	24°R59	5 ^{II} 57	8 ^{II} 48	15 [♂] 41	29 [☾] 34	3°R42	12°R39	9°R 1	12°R17	11 ^{II} 13	23 ^Y 44	0 [♂] 11	T 1
W 2	16 42 22	11°35'15	27°28	24°D57	7°11	9°22	15°55	29°40	3 ^{II} 40	12 [♂] 38	9 [♂] 0	12 ^{II} 13	11°10	23°51	0°14	W 2
T 3	16 46 18	12°32'44	10 ^{II} 41	24 [♂] 59	8°24	9°57	16° 9	29°46	3°38	12°36	9° 0	12° 9	11° 7	23°57	0°16	T 3
F 4	16 50 15	13°30'12	24° 8	25° 5	9°38	10°31	16°22	29°53	3°36	12°34	8°59	12° 6	11° 4	24° 4	0°19	F 4
S 5	16 54 11	14°27'39	7 ^{II} 49	25°16	10°52	11° 6	16°36	29°59	3°35	12°33	8°59	12° 5	11° 0	24°11	0°22	S 5
S 6	16 58 8	15°25'04	21°46	25°32	12° 6	11°41	16°49	0 ^{II} 5	3°33	12°31	8°58	12°D 5	10°57	24°17	0°25	S 6
M 7	17 2 4	16°22'28	5 [♂] 56	25°52	13°19	12°15	17° 2	0°11	3°31	12°30	8°58	12° 6	10°54	24°24	0°28	M 7
T 8	17 6 1	17°19'51	20°20	26°16	14°33	12°50	17°16	0°18	3°30	12°28	8°58	12° 7	10°51	24°31	0°30	T 8
W 9	17 9 57	18°17'13	4 ^{II} 53	26°44	15°47	13°25	17°29	0°24	3°28	12°26	8°57	12°R 8	10°48	24°37	0°33	W 9
T 10	17 13 54	19°14'34	19°33	27°17	17° 0	14° 0	17°42	0°30	3°27	12°25	8°57	12° 8	10°44	24°44	0°36	T 10
F 11	17 17 51	20°11'54	4 [♂] 12	27°54	18°14	14°35	17°55	0°37	3°25	12°23	8°57	12° 7	10°41	24°51	0°38	F 11
S 12	17 21 47	21° 9'14	18°46	28°36	19°28	15°10	18° 8	0°43	3°24	12°21	8°56	12° 3	10°38	24°57	0°41	S 12
S 13	17 25 44	22° 6'32	3 [♂] 7	29°21	20°41	15°45	18°21	0°50	3°22	12°20	8°56	11°58	10°35	25° 4	0°44	S 13
M14	17 29 40	23° 3'50	17°10	0 ^{II} 10	21°55	16°20	18°34	0°57	3°21	12°18	8°56	11°52	10°32	25°11	0°46	M14
T 15	17 33 37	24° 1'07	0 [♂] 50	1° 3	23° 9	16°55	18°47	1° 3	3°20	12°17	8°56	11°45	10°29	25°17	0°49	T 15
W16	17 37 33	24°58'24	14° 6	2° 0	24°22	17°30	19° 0	1°10	3°18	12°15	8°56	11°39	10°25	25°24	0°51	W16
T 17	17 41 30	25°55'41	26°59	3° 0	25°36	18° 6	19°13	1°17	3°17	12°14	8°56	11°34	10°22	25°31	0°54	T 17
F 18	17 45 26	26°52'57	9 [♂] 30	4° 4	26°50	18°41	19°26	1°24	3°16	12°12	8°56	11°31	10°19	25°37	0°56	F 18
S 19	17 49 23	27°50'13	21°43	5°12	28° 4	19°16	19°39	1°30	3°15	12°10	8°D56	11°29	10°16	25°44	0°58	S 19
S 20	17 53 20	28°47'28	3 ^Y 43	6°23	29°17	19°52	19°51	1°37	3°14	12° 9	8°56	11°D29	10°13	25°51	1° 0	S 20
M21	17 57 16	29°44'43	15°34	7°38	0 [♂] 31	20°27	20° 4	1°44	3°13	12° 7	8°56	11°30	10°10	25°57	1° 3	M21
T 22	18 1 13	0 [♂] 41'59	27°22	8°57	1°45	21° 3	20°16	1°51	3°12	12° 6	8°56	11°31	10° 6	26° 4	1° 5	T 22
W23	18 5 9	1°39'14	9 [♂] 12	10°18	2°58	21°38	20°29	1°58	3°11	12° 4	8°56	11°R32	10° 3	26°11	1° 7	W23
T 24	18 9 6	2°36'29	21° 8	11°43	4°12	22°14	20°41	2° 5	3°10	12° 3	8°56	11°31	10° 0	26°17	1° 9	T 24
F 25	18 13 2	3°33'44	3 ^{II} 15	13°12	5°26	22°49	20°53	2°13	3° 9	12° 1	8°56	11°29	9°57	26°24	1°11	F 25
S 26	18 16 59	4°30'58	15°34	14°44	6°40	23°25	21° 6	2°20	3° 8	12° 0	8°56	11°24	9°54	26°30	1°13	S 26
S 27	18 20 55	5°28'13	28° 9	16°19	7°53	24° 1	21°18	2°27	3° 7	11°58	8°57	11°18	9°50	26°37	1°15	S 27
M28	18 24 52	6°25'27	11 [♂] 0	17°57	9° 7	24°37	21°30	2°34	3° 7	11°57	8°57	11° 9	9°47	26°44	1°17	M28
T 29	18 28 49	7°22'41	24° 6	19°38	10°21	25°12	21°42	2°41	3° 6	11°56	8°57	11° 0	9°44	26°50	1°19	T 29
W30	18 32 45	8° [♂] 19'55	7 ^{II} 27	21 ^{II} 23	11 [♂] 35	25°II48	21 [♂] 54	2 ^{II} 49	3 ^{II} 5	11 [♂] 54	8 [♂] 58	10 ^{II} 50	9 ^{II} 41	26 ^Y 57	1 [♂] 21	W30

Day	☉	☾		♂		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
T 1	22n 2	18n 3	4s37	15n27	3s40	20n53	0s25	19n29	1n28	15n38	0s57	20n40	0n26	12s17	0n30	20s45	1n34	12n14	17n13	15s31	15s12	10n39	11n39	0n 7	
W 2	22 10	15 43	5 3	15 20	3 47	21 8	0 23	19 19	1 28	15 41	0 57	20 39	0 27	12 16	0 30	20 45	1 34	12 14	17 12	15 30	15 11	10 41	11 40	0 7	
T 3	22 18	12 32	5 13	15 16	3 52	21 22	0 20	19 9	1 27	15 45	0 57	20 38	0 27	12 15	0 30	20 45	1 34	12 14	17 12	15 29	15 10	10 43	11 40	0 7	
F 4	22 25	8 40	5 6	15 13	3 56	21 36	0 18	18 59	1 26	15 49	0 57	20 37	0 27	12 15	0 30	20 45	1 34	12 13	17 11	15 28	15 9	10 44	11 41	0 7	
S 5	22 32	4 16	4 42	15 13	3 59	21 49	0 16	18 49	1 26	15 53	0 57	20 35	0 27	12 14	0 30	20 45	1 34	12 13	17 11	15 28	15 8	10 46	11 42	0 7	
S 6	22 39	0s26	4 1	15 15	4 1	22 1	0 13	18 39	1 25	15 57	0 57	20 34	0 27	12 14	0 30	20 44	1 34	12 13	17 10	15 28	15 7	10 48	11 43	0 7	
M 7	22 45	5 11	3 5	15 19	4 1	22 13	0 11	18 29	1 25	16 1	0 57	20 33	0 27	12 13	0 30	20 44	1 34	12 13	17 10	15 28	15 6	10 49	11 44	0 7	
T 8	22 50	9 44	1 56	15 25	4 1	22 24	0 9	18 18	1 24	16 4	0 57	20 32	0 27	12 13	0 30	20 44	1 34	12 12	17 9	15 28	15 5	10 51	11 45	0 6	
W 9	22 55	13 46	0 40	15 32	4 0	22 35	0 6	18 8	1 23	16 8	0 57	20 30	0 27	12 12	0 30	20 44	1 34	12 12	17 9	15 29	15 4	10 53	11 46	0 6	
T 10	23 0	16 58	0n40	15 42	3 57	22 44	0 4	17 57	1 23	16 12	0 57	20 29	0 27	12 12	0 30	20 44	1 34	12 12	17 8	15 29	15 3	10 54	11 47	0 6	
F 11	23 5	19 4	1 57	15 53	3 54	22 54	0 1	17 46	1 22	16 15	0 57	20 28	0 27	12 11	0 30	20 43	1 34	12 11	17 8	15 28	15 2	10 56	11 48	0 6	
S 12	23 9	19 52	3 6	16 6	3 50	23 2	0n 1	17 35	1 22	16 19	0 57	20 26	0 27	12 11	0 30	20 43	1 34	12 11	17 7	15 27	15 1	10 58	11 49	0 6	
S 13	23 12	19 22	4 2	16 20	3 46	23 10	0 3	17 24	1 21	16 23	0 57	20 25	0 27	12 10	0 30	20 43	1 34	12 10	17 7	15 26	15 0	10 59	11 49	0 6	
M14	23 16	17 41	4 42	16 36	3 40	23 17	0 6	17 13	1 20	16 26	0 57	20 23	0 27	12 10	0 30	20 43	1 34	12 10	17 6	15 24	14 59	11 1	11 50	0 6	
T 15	23 18	15 1	5 4	16 53	3 34	23 24	0 8	17 2	1 20	16 30	0 57	20 22	0 27	12 9	0 30	20 43	1 34	12 10	17 6	15 22	14 58	11 2	11 51	0 6	
W16	23 21	11 39	5 9	17 11	3 27	23 30	0 10	16 51	1 19	16 33	0 57	20 21	0 27	12 9	0 30	20 42	1 34	12 9	17 5	15 20	14 57	11 4	11 52	0 6	
T 17	23 23	7 50	4 59	17 30	3 19	23 35	0 13	16 39	1 19	16 37	0 57	20 19	0 27	12 9	0 30	20 42	1 34	12 9	17 4	15 18	14 56	11 6	11 53	0 6	
F 18	23 24	3 47	4 34	17 50	3 11	23 39	0 15	16 28	1 18	16 40	0 57	20 18	0 27	12 8	0 30	20 42	1 34	12 8	17 4	15 17	14 55	11 7	11 53	0 6	
S 19	23 25	0n21	3 57	18 11	3 2	23 43	0 17	16 16	1 17	16 43	0 58	20 16	0 27	12 8	0 30	20 42	1 34	12 8	17 3	15 17	14 54	11 9	11 54	0 6	
S 20	23 26	4 23	3 10	18 32	2 53	23 46	0 20	16 4	1 17	16 47	0 58	20 15	0 28	12 8	0 30	20 42	1 34	12 7	17 3	15 17	14 53	11 11	11 55	0 6	
M21	23 26	8 13	2 16	18 54	2 43	23 48	0 22	15 53	1 16	16 50	0 58	20 13	0 28	12 7	0 30	20 42	1 34	12 7	17 2	15 17	14 52	11 12	11 56	0 6	
T 22	23 26	11 43	1 16	19 16	2 33	23 50	0 24	15 41	1 16	16 53	0 58	20 12	0 28	12 7	0 29	20 41	1 34	12 6	17 2	15 17	14 51	11 14	11 56	0 5	
W23	23 26	14 46	0 13	19 38	2 23	23 51	0 27	15 29	1 15	16 57	0 58	20 10	0 28	12 7	0 29	20 41	1 34	12 6	17 1	15 18	14 50	11 16	11 57	0 5	
T 24	23 25	17 13	0s52	20 1	2 12	23 51	0 29	15 17	1 15	17 0	0 58	20 9	0 28	12 6	0 29	20 41	1 34	12 5	17 1	15 17	14 49	11 17	11 58	0 5	
F 25	23 24	18 56	1 54	20 23	2 1	23 51	0 31	15 4	1 14	17 3	0 58	20 7	0 28	12 6	0 29	20 41	1 34	12 5	17 0	15 17	14 48	11 19	11 58	0 5	
S 26	23 22	19 48	2 53	20 46	1 49	23 50	0 33	14 52	1 13	17 6	0 58	20 6	0 28	12 6	0 29	20 41	1 34	12 4	17 0	15 15	14 47	11 20	11 59	0 5	
S 27	23 20	19 42	3 44	21 7	1 37	23 48	0 36	14 40	1 13	17 9	0 58	20 4	0 28	12 6	0 29	20 41	1 34	12 3	16 59	15 13	14 46	11 22	12 0	0 5	
M28	23 17	18 36	4 24	21 29	1 25	23 45	0 38	14 27	1 12	17 12	0 58	20 3	0 28	12 5	0 29	20 40	1 34	12 3	16 59	15 11	14 45	11 24	12 0	0 5	
T 29	23 14	16 30	4 52	21 49	1 13	23 42	0 40	14 15	1 12	17 15	0 58	20 1	0 28	12 5	0 29	20 40	1 34	12 2	16 58	15 8	14 44	11 25	12 1	0 5	
W30	23n11	13n30	5s 5	22n 9	1s 1	23n38	0n42	14n 2	1n11	17n18	0s58	19n59	0n28	12s 5	0n29	20s40	1n34	12n 2	16n58	15s 5	14s43	11n27	12n 1	0n 5	

ASTRODIENST EPHEMERIS for the year 1976
geocentric

JULY 1976

00:00 UT

Day	Sid.t	☉	☽	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓	♈	♉	Day
T 1	18 36 42	9 ⁵⁵ 17'08	21 ⁰ 0	23 ¹¹ 10	12 ⁵⁵ 48	26 ⁰ 24	22 ⁸ 6	2 ⁰ 56	3 ⁰ R 5	11 ⁰ R53	8 ⁵⁵ 58	10 ⁰ R42	9 ⁰ M38	27 ⁰ Y 4	1 ⁰ 823	T 1
F 2	18 40 38	10 ⁰ 14'21	4 ⁰ 44	25 ⁰ 1	14 ⁰ 2	27 ⁰ 0	22 ⁰ 17	3 ⁰ 3	3 ⁰ M 4	11 ⁰ 751	8 ⁰ 58	10 ⁰ M35	9 ⁰ 35	27 ⁰ 10	1 ⁰ 25	F 2
S 3	18 44 35	11 ⁰ 11'34	18 ⁰ 36	26 ⁰ 54	15 ⁰ 16	27 ⁰ 36	22 ⁰ 29	3 ⁰ 11	3 ⁰ 4	11 ⁰ 50	8 ⁰ 59	10 ⁰ 31	9 ⁰ 31	27 ⁰ 17	1 ⁰ 26	S 3
S 4	18 48 31	12 ⁰ 8'46	2 ⁰ 35	28 ⁰ 50	16 ⁰ 30	28 ⁰ 12	22 ⁰ 41	3 ⁰ 18	3 ⁰ 3	11 ⁰ 49	8 ⁰ 59	10 ⁰ 29	9 ⁰ 28	27 ⁰ 24	1 ⁰ 28	S 4
M 5	18 52 28	13 ⁰ 5'58	16 ⁰ 41	0 ⁰ 48	17 ⁰ 43	28 ⁰ 48	22 ⁰ 52	3 ⁰ 25	3 ⁰ 3	11 ⁰ 47	9 ⁰ 0	10 ⁰ D29	9 ⁰ 25	27 ⁰ 30	1 ⁰ 30	M 5
T 6	18 56 24	14 ⁰ 3'10	0 ⁰ M51	2 ⁰ 49	18 ⁰ 57	29 ⁰ 25	23 ⁰ 3	3 ⁰ 33	3 ⁰ 3	11 ⁰ 46	9 ⁰ 0	10 ⁰ 29	9 ⁰ 22	27 ⁰ 37	1 ⁰ 31	T 6
W 7	19 0 21	15 ⁰ 0'22	15 ⁰ 5	4 ⁰ 51	20 ⁰ 11	0 ⁰ 11	23 ⁰ 15	3 ⁰ 40	3 ⁰ 3	11 ⁰ 45	9 ⁰ 1	10 ⁰ R29	9 ⁰ 19	27 ⁰ 44	1 ⁰ 33	W 7
T 8	19 4 18	15 ⁰ 57'33	29 ⁰ 21	6 ⁰ 56	21 ⁰ 25	0 ⁰ 37	23 ⁰ 26	3 ⁰ 48	3 ⁰ 2	11 ⁰ 43	9 ⁰ 2	10 ⁰ 28	9 ⁰ 16	27 ⁰ 50	1 ⁰ 34	T 8
F 9	19 8 14	16 ⁰ 54'45	13 ⁰ 7'36	9 ⁰ 2	22 ⁰ 39	1 ⁰ 13	23 ⁰ 37	3 ⁰ 55	3 ⁰ 2	11 ⁰ 42	9 ⁰ 2	10 ⁰ 24	9 ⁰ 12	27 ⁰ 57	1 ⁰ 36	F 9
S 10	19 12 11	17 ⁰ 51'56	27 ⁰ 45	11 ⁰ 9	23 ⁰ 52	1 ⁰ 50	23 ⁰ 48	4 ⁰ 3	3 ⁰ 2	11 ⁰ 41	9 ⁰ 3	10 ⁰ 18	9 ⁰ 9	28 ⁰ 4	1 ⁰ 37	S 10
S 11	19 16 7	18 ⁰ 49'07	11 ⁰ 3'46	13 ⁰ 17	25 ⁰ 6	2 ⁰ 26	23 ⁰ 59	4 ⁰ 10	3 ⁰ D 2	11 ⁰ 40	9 ⁰ 4	10 ⁰ 9	9 ⁰ 6	28 ⁰ 10	1 ⁰ 38	S 11
M 12	19 20 4	19 ⁰ 46'19	25 ⁰ 32	15 ⁰ 26	26 ⁰ 20	3 ⁰ 2	24 ⁰ 10	4 ⁰ 18	3 ⁰ 2	11 ⁰ 38	9 ⁰ 4	9 ⁰ 59	9 ⁰ 3	28 ⁰ 17	1 ⁰ 40	M 12
T 13	19 24 0	20 ⁰ 43'31	9 ⁰ 1	17 ⁰ 35	27 ⁰ 34	3 ⁰ 39	24 ⁰ 21	4 ⁰ 26	3 ⁰ 2	11 ⁰ 37	9 ⁰ 5	9 ⁰ 48	9 ⁰ 0	28 ⁰ 23	1 ⁰ 41	T 13
W 14	19 27 57	21 ⁰ 40'43	22 ⁰ 10	19 ⁰ 45	28 ⁰ 47	4 ⁰ 15	24 ⁰ 32	4 ⁰ 33	3 ⁰ 2	11 ⁰ 36	9 ⁰ 6	9 ⁰ 37	8 ⁰ 56	28 ⁰ 30	1 ⁰ 42	W 14
T 15	19 31 54	22 ⁰ 37'55	4 ⁰ 59	21 ⁰ 54	0 ⁰ 1	4 ⁰ 52	24 ⁰ 42	4 ⁰ 41	3 ⁰ 2	11 ⁰ 35	9 ⁰ 7	9 ⁰ 28	8 ⁰ 53	28 ⁰ 37	1 ⁰ 43	T 15
F 16	19 35 50	23 ⁰ 35'08	17 ⁰ 28	24 ⁰ 2	1 ⁰ 15	5 ⁰ 29	24 ⁰ 53	4 ⁰ 48	3 ⁰ 3	11 ⁰ 34	9 ⁰ 8	9 ⁰ 20	8 ⁰ 50	28 ⁰ 43	1 ⁰ 44	F 16
S 17	19 39 47	24 ⁰ 32'22	29 ⁰ 40	26 ⁰ 10	2 ⁰ 29	6 ⁰ 5	25 ⁰ 3	4 ⁰ 56	3 ⁰ 3	11 ⁰ 33	9 ⁰ 9	9 ⁰ 16	8 ⁰ 47	28 ⁰ 50	1 ⁰ 45	S 17
S 18	19 43 43	25 ⁰ 29'36	11 ⁰ Y39	28 ⁰ 17	3 ⁰ 43	6 ⁰ 42	25 ⁰ 13	5 ⁰ 4	3 ⁰ 3	11 ⁰ 32	9 ⁰ 10	9 ⁰ 13	8 ⁰ 44	28 ⁰ 57	1 ⁰ 46	S 18
M 19	19 47 40	26 ⁰ 26'51	23 ⁰ 31	0 ⁰ 123	4 ⁰ 56	7 ⁰ 19	25 ⁰ 23	5 ⁰ 11	3 ⁰ 4	11 ⁰ 31	9 ⁰ 11	9 ⁰ D12	8 ⁰ 41	29 ⁰ 3	1 ⁰ 47	M 19
T 20	19 51 36	27 ⁰ 24'07	5 ⁰ 19	2 ⁰ 28	6 ⁰ 10	7 ⁰ 55	25 ⁰ 33	5 ⁰ 19	3 ⁰ 4	11 ⁰ 30	9 ⁰ 12	9 ⁰ R12	8 ⁰ 37	29 ⁰ 10	1 ⁰ 48	T 20
W 21	19 55 33	28 ⁰ 21'23	17 ⁰ 10	4 ⁰ 31	7 ⁰ 24	8 ⁰ 32	25 ⁰ 43	5 ⁰ 27	3 ⁰ 5	11 ⁰ 29	9 ⁰ 13	9 ⁰ 12	8 ⁰ 34	29 ⁰ 17	1 ⁰ 49	W 21
T 22	19 59 29	29 ⁰ 18'41	29 ⁰ 9	6 ⁰ 33	8 ⁰ 38	9 ⁰ 9	25 ⁰ 53	5 ⁰ 34	3 ⁰ 5	11 ⁰ 28	9 ⁰ 14	9 ⁰ 11	8 ⁰ 31	29 ⁰ 23	1 ⁰ 50	T 22
F 23	20 3 26	0 ⁰ 15'59	11 ⁰ II21	8 ⁰ 34	9 ⁰ 52	9 ⁰ 46	26 ⁰ 3	5 ⁰ 42	3 ⁰ 6	11 ⁰ 27	9 ⁰ 15	9 ⁰ 7	8 ⁰ 28	29 ⁰ 30	1 ⁰ 51	F 23
S 24	20 7 23	1 ⁰ 13'18	23 ⁰ 50	10 ⁰ 32	11 ⁰ 6	10 ⁰ 23	26 ⁰ 12	5 ⁰ 50	3 ⁰ 6	11 ⁰ 26	9 ⁰ 16	9 ⁰ 1	8 ⁰ 25	29 ⁰ 37	1 ⁰ 51	S 24
S 25	20 11 19	2 ⁰ 10'38	6 ⁰ 37	12 ⁰ 30	12 ⁰ 20	11 ⁰ 0	26 ⁰ 22	5 ⁰ 58	3 ⁰ 7	11 ⁰ 25	9 ⁰ 17	8 ⁰ 53	8 ⁰ 22	29 ⁰ 43	1 ⁰ 52	S 25
M 26	20 15 16	3 ⁰ 7'58	19 ⁰ 45	14 ⁰ 25	13 ⁰ 33	11 ⁰ 37	26 ⁰ 31	6 ⁰ 5	3 ⁰ 8	11 ⁰ 24	9 ⁰ 18	8 ⁰ 42	8 ⁰ 18	29 ⁰ 50	1 ⁰ 52	M 26
T 27	20 19 12	4 ⁰ 5'19	3 ⁰ 13	16 ⁰ 19	14 ⁰ 47	12 ⁰ 14	26 ⁰ 40	6 ⁰ 13	3 ⁰ 9	11 ⁰ 23	9 ⁰ 19	8 ⁰ 30	8 ⁰ 15	29 ⁰ 57	1 ⁰ 53	T 27
W 28	20 23 9	5 ⁰ 2'41	16 ⁰ 58	18 ⁰ 11	16 ⁰ 1	12 ⁰ 51	26 ⁰ 50	6 ⁰ 21	3 ⁰ 9	11 ⁰ 22	9 ⁰ 21	8 ⁰ 18	8 ⁰ 12	0 ⁰ 3	1 ⁰ 53	W 28
T 29	20 27 5	6 ⁰ 0'04	0 ⁰ 175	20 ⁰ 2	17 ⁰ 15	13 ⁰ 28	26 ⁰ 59	6 ⁰ 29	3 ⁰ 10	11 ⁰ 22	9 ⁰ 22	8 ⁰ 7	8 ⁰ 9	0 ⁰ 10	1 ⁰ 54	T 29
F 30	20 31 2	6 ⁰ 57'27	15 ⁰ 4	21 ⁰ 51	18 ⁰ 29	14 ⁰ 6	27 ⁰ 7	6 ⁰ 36	3 ⁰ 11	11 ⁰ 21	9 ⁰ 23	7 ⁰ 58	8 ⁰ 6	0 ⁰ 16	1 ⁰ 54	F 30
S 31	20 34 58	7 ⁰ 15'45	29 ⁰ 16	23 ⁰ 138	19 ⁰ 143	14 ⁰ 43	27 ⁰ 16	6 ⁰ 44	3 ⁰ M12	11 ⁰ 720	9 ⁰ 25	7 ⁰ M52	8 ⁰ M 2	0 ⁰ 23	1 ⁰ 54	S 31

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	23n 7	9n45	5s 0	22n27	0s49	23n33	0n44	13n49	1n10	17n21	0s58	19n58	0n28	12s 5	0n29	20s40	1n34	12n 1	16n57	15s 2	14s42	11n28	12n 2	0n 5
F 2	23 3	5 27	4 39	22 44	0 37	23 28	0 46	13 36	1 10	17 24	0 58	19 56	0 28	12 5	0 29	20 40	1 34	12 0	16 56	15 0	14 41	11 30	12 2	0 5
S 3	22 58	0 49	4 1	22 59	0 25	23 22	0 48	13 23	1 9	17 27	0 58	19 54	0 28	12 5	0 29	20 40	1 34	12 0	16 56	14 59	14 40	11 32	12 3	0 5
S 4	22 53	3s54	3 8	23 13	0 13	23 15	0 50	13 10	1 9	17 30	0 58	19 53	0 28	12 5	0 29	20 39	1 34	11 59	16 55	14 58	14 39	11 33	12 3	0 5
M 5	22 48	8 28	2 4	23 25	0 1	23 8	0 52	12 57	1 8	17 33	0 58	19 51	0 29	12 4	0 29	20 39	1 34	11 58	16 55	14 58	14 38	11 35	12 4	0 5
T 6	22 42	12 34	0 51	23 34	0n10	22 59	0 54	12 44	1 8	17 36	0 58	19 50	0 29	12 4	0 29	20 39	1 34	11 58	16 54	14 58	14 37	11 36	12 4	0 5
W 7	22 36	15 58	0n25	23 42	0 21	22 51	0 56	12 31	1 7	17 39	0 58	19 48	0 29	12 4	0 29	20 39	1 34	11 57	16 54	14 58	14 36	11 38	12 5	0 4
T 8	22 29	18 24	1 39	23 47	0 31	22 41	0 58	12 17	1 6	17 41	0 59	19 46	0 29	12 4	0 29	20 39	1 34	11 56	16 53	14 58	14 35	11 40	12 5	0 4
F 9	22 22	19 40	2 47	23 49	0 41	22 31	0 59	12 4	1 6	17 44	0 59	19 44	0 29	12 4	0 29	20 39	1 33	11 55	16 53	14 57	14 34	11 41	12 6	0 4
S 10	22 15	19 41	3 44	23 49	0 51	22 20	1 1	11 50	1 5	17 47	0 59	19 43	0 29	12 4	0 29	20 39	1 33	11 55	16 52	14 55	14 33	11 43	12 6	0 4
S 11	22 7	18 30	4 27	23 46	0 59	22 9	1 3	11 37	1 5	17 49	0 59	19 41	0 29	12 4	0 29	20 39	1 33	11 54	16 52	14 52	14 32	11 44	12 7	0 4
M 12	21 59	16 14	4 53	23 40	1 8	21 56	1 4	11 23	1 4	17 52	0 59	19 39	0 29	12 4	0 29	20 38	1 33	11 53	16 51	14 49	14 31	11 46	12 7	0 4
T 13	21 51	13 8	5 2	23 31	1 15	21 44	1 6	11 9	1 3	17 54	0 59	19 38	0 29	12 4	0 29	20 38	1 33	11 52	16 51	14 45	14 30	11 47	12 7	0 4
W 14	21 42	9 28	4 55	23 20	1 22	21 30	1 8	10 56	1 3	17 57	0 59	19 36	0 29	12 4	0 29	20 38	1 33	11 52	16 50	14 42	14 29	11 49	12 8	0 4
T 15	21 32	5 27	4 33	23 6	1 28	21 16	1 9	10 42	1 2	17 59	0 59	19 34	0 29	12 5	0 29	20 38	1 33	11 51	16 50	14 39	14 28	11 51	12 8	0 4
F 16	21 23	1 17	3 59	22 50	1 33	21 2	1 11	10 28	1 2	18 2	0 59	19 32	0 29	12 5	0 29	20 38	1 33	11 50	16 49	14 36	14 27	11 52	12 8	0 4
S 17	21 13	2n50	3 14	22 30	1 37	20 47	1 12	10 14	1 1	18 4	0 59	19 31	0 29	12 5	0 29	20 38	1 33	11 49	16 49	14 35	14 26	11 54	12 9	0 4
S 18	21 3	6 46	2 21	22 9	1 41	20 31	1 13	9 59	1 1	18 7	0 59	19 29	0 29	12 5	0 29	20 38	1 33	11 48	16 48	14 34	14 25	11 55	12 9	0 4
M 19	20 52	10 24	1 22	21 45	1 44	20 14	1 15	9 45	1 0	18 9	0 59	19 27	0 30	12 5	0 29	20 38	1 33	11 48	16 48	14 34	14 24	11 57	12 9	0 4
T 20	20 41	13 37	0 21	21 20	1 46	19 57	1 16	9 31	0 59	18 11	0 59	19 25	0 30	12 5	0 29	20 38	1 33	11 47	16 47	14 34	14 23	11 58	12 9	0 4
W 21	20 29	16 17	0s42	20 52	1 47	19 40	1 17	9 17	0 59	18 14	1 0	19 23	0 30	12 5	0 29	20 37	1 33	11 46	16 47	14 34	14 22	12 0	12 10	0 4
T 22	20 18	18 17	1 44	20 23	1 48	19 22	1 18	9 2	0 58	18 16	1 0	19 22	0 30	12 6	0 29	20 37	1 33	11 45	16 46	14 33	14 21	12 1	12 10	0 3
F 23	20 6	19 28	2 42	19 52	1 48	19 3	1 19	8 48	0 58	18 18	1 0	19 20	0 30	12 6	0 28	20 37	1 33	11 44	16 46	14 32	14 20	12 3	12 10	0 3
S 24	19 53	19 45	3 33	19 19	1 47	18 44	1 20	8 33	0 57	18 20	1 0	19 18	0 30	12 6	0 28	20 37	1 33	11 43	16 45	14 30	14 19	12 4	12 10	0 3
S 25	19 41	19 2	4 15	18 45	1 46	18 24	1 21	8 19	0 57	18 22	1 0	19 16	0 30	12 6	0 28	20 37	1 33	11 42	16 45	14 28	14 18	12 6	12 10	0 3
M 26	19 27	17 17	4 45	18 10	1 44	18 4	1 22	8 4	0 56	18 24	1 0	19 14	0 30	12 7	0 28	20 37	1 33	11 41	16 44	14 24	14 16	12 7	12 10	0 3
T 27	19 14	14 35	4 49	17 34	1 42	17 43	1 23	7 49	0 55	18 26	1 0	19 12	0 30	12 7	0 28	20 37	1 33	11 41	16 44	14 20	14 15	12 9	12 11	0 3
W 28	19 0	11 1	4 57	16 56	1 39	17 22	1 24	7 35	0 55	18 28	1 0	19 11	0 30	12 7	0 28	20 37	1 33	11 40	16 43	14 16	14 14	12 11	12 11	0 3
T 29	18 46	6 49	4 38	16 18	1 35	17 0	1 24	7 20	0 54	18 30	1 0	19 9	0 30	12 8	0 28	20 37	1 33	11 39	16 43	14 13	14 13	12 12	12 11	0 3
F 30	18 32	2 11	4 1	15 40	1 31	16 38	1 25	7 5	0 54	18 32	1 0	19 7	0 30	12 8	0 28	20 37	1 33	11 38	16 42	14 10	14 12	12 14	12 11	0 3
S 31	18n17	2s36	3s 9	15n 0	1n27	16n16	1n26	6n50	0n53	18n34	1s 0	19n 5	0n31	12s 8	0n28	20s37	1n33	11n37	16n42	14s 8	14s11	12n15	12n11	0n 3

ASTRODIENST EPHEMERIS for the year 1976

geocentric

AUGUST 1976

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	20 38 55	8♂52'15	13♂30	25♂24	20♂57	15♂20	27♂25	6♂52	3♂13	11♂20	9♂26	7♂49	7♂59	0♂30	1♂55	S 1
M 2	20 42 51	9°49'40	27°41	27° 8	22°10	15°58	27°33	7° 0	3°14	11♂19	9°27	7♂48	7°56	0°36	1°55	M 2
T 3	20 46 48	10°47'06	11♂49	28°50	23°24	16°35	27°42	7° 7	3°16	11°18	9°29	7°48	7°53	0°43	1°55	T 3
W 4	20 50 45	11°44'32	25°53	0♂30	24°38	17°12	27°50	7°15	3°17	11°18	9°30	7°47	7°50	0°50	1°55	W 4
T 5	20 54 41	12°41'59	9♂52	2° 9	25°52	17°50	27°58	7°23	3°18	11°17	9°32	7°46	7°47	0°56	1°55	T 5
F 6	20 58 38	13°39'26	23°44	3°47	27° 6	18°27	28° 6	7°30	3°19	11°16	9°33	7°41	7°43	1° 3	1°55	F 6
S 7	21 2 34	14°36'55	7♂29	5°22	28°20	19° 5	28°14	7°38	3°21	11°16	9°35	7°34	7°40	1°10	1°55	S 7
S 8	21 6 31	15°34'24	21° 4	6°57	29°34	19°43	28°21	7°46	3°22	11°15	9°36	7°25	7°37	1°16	1°55	S 8
M 9	21 10 27	16°31'54	4♂28	8°29	0♂47	20°20	28°29	7°54	3°23	11°15	9°38	7°13	7°34	1°23	1°55	M 9
T 10	21 14 24	17°29'25	17°38	10° 0	2° 1	20°58	28°36	8° 1	3°25	11°15	9°39	7° 1	7°31	1°30	1°54	T 10
W 11	21 18 21	18°26'58	0♂32	11°29	3°15	21°36	28°43	8° 9	3°27	11°14	9°41	6°49	7°28	1°36	1°54	W 11
T 12	21 22 17	19°24'31	13° 9	12°56	4°29	22°13	28°50	8°17	3°28	11°14	9°43	6°38	7°24	1°43	1°54	T 12
F 13	21 26 14	20°22'06	25°31	14°22	5°43	22°51	28°57	8°24	3°30	11°13	9°44	6°30	7°21	1°50	1°53	F 13
S 14	21 30 10	21°19'42	7♂39	15°46	6°57	23°29	29° 4	8°32	3°31	11°13	9°46	6°24	7°18	1°56	1°53	S 14
S 15	21 34 7	22°17'19	19°36	17° 9	8°10	24° 7	29°11	8°39	3°33	11°13	9°48	6°21	7°15	2° 3	1°52	S 15
M 16	21 38 3	23°14'58	1♂26	18°30	9°24	24°45	29°17	8°47	3°35	11°13	9°49	6°D20	7°12	2° 9	1°52	M 16
T 17	21 42 0	24°12'39	13°14	19°48	10°38	25°23	29°23	8°55	3°37	11°12	9°51	6°20	7° 8	2°16	1°51	T 17
W 18	21 45 56	25°10'21	25° 5	21° 6	11°52	26° 1	29°29	9° 2	3°39	11°12	9°53	6°R20	7° 5	2°23	1°50	W 18
T 19	21 49 53	26° 8'05	7♂4	22°21	13° 6	26°39	29°35	9°10	3°41	11°12	9°55	6°19	7° 2	2°29	1°50	T 19
F 20	21 53 49	27° 5'50	19°17	23°34	14°20	27°17	29°41	9°17	3°43	11°12	9°57	6°17	6°59	2°36	1°49	F 20
S 21	21 57 46	28° 3'37	1♂49	24°45	15°33	27°56	29°47	9°25	3°45	11°12	9°58	6°13	6°56	2°43	1°48	S 21
S 22	22 1 43	29° 1'26	14°43	25°54	16°47	28°34	29°52	9°32	3°47	11°12	10° 0	6° 6	6°53	2°49	1°47	S 22
M 23	22 5 39	29°59'16	28° 1	27° 1	18° 1	29°12	29°58	9°40	3°49	11°D12	10° 2	5°57	6°49	2°56	1°46	M 23
T 24	22 9 36	0♂57'08	11♂44	28° 6	19°15	29°51	0♂3	9°47	3°51	11°12	10° 4	5°47	6°46	3° 3	1°45	T 24
W 25	22 13 32	1°55'01	25°48	29° 8	20°29	0♂29	0° 8	9°54	3°53	11°12	10° 6	5°37	6°43	3° 9	1°44	W 25
T 26	22 17 29	2°52'56	10♂10	0♂8	21°43	1° 7	0°13	10° 2	3°55	11°12	10° 8	5°27	6°40	3°16	1°43	T 26
F 27	22 21 25	3°50'53	24°43	1° 5	22°56	1°46	0°17	10° 9	3°58	11°12	10°10	5°20	6°37	3°23	1°42	F 27
S 28	22 25 22	4°48'50	9♂20	1°59	24°10	2°24	0°22	10°16	4° 0	11°12	10°12	5°15	6°33	3°29	1°41	S 28
S 29	22 29 18	5°46'50	23°54	2°50	25°24	3° 3	0°26	10°24	4° 2	11°12	10°14	5°13	6°30	3°36	1°40	S 29
M 30	22 33 15	6°44'50	8♂22	3°38	26°38	3°42	0°30	10°31	4° 5	11°13	10°16	5°D12	6°27	3°42	1°38	M 30
T 31	22 37 12	7♂42'52	22♂39	4♂23	27♂52	4♂20	0♂34	10♂38	4♂7	11♂13	10♂18	5♂13	6♂24	3♂49	1♂37	T 31

Day	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
S 1	18n 2	7s15	2s 5	14n20	1n22	15n53	1n26	6n35	0n53	18n36	1s 1	19n 3	0n31	12s 9	0n28	20s37
M 2	17 47	11 29	0 53	13 40	1 16	15 29	1 27	6 20	0 52	18 38	1 1	19 1	0 31	12 9	0 28	20 37
T 3	17 32	15 3	0n21	12 59	1 10	15 5	1 27	6 5	0 51	18 40	1 1	18 59	0 31	12 10	0 28	20 37
W 4	17 16	17 42	1 34	12 18	1 4	14 41	1 27	5 50	0 51	18 41	1 1	18 57	0 31	12 10	0 28	20 37
T 5	17 0	19 17	2 41	11 36	0 58	14 16	1 28	5 35	0 50	18 43	1 1	18 56	0 31	12 11	0 28	20 37
F 6	16 44	19 40	3 38	10 55	0 51	13 51	1 28	5 20	0 50	18 45	1 1	18 54	0 31	12 11	0 28	20 37
S 7	16 27	18 53	4 21	10 13	0 44	13 26	1 28	5 4	0 49	18 46	1 1	18 52	0 31	12 11	0 28	20 37
S 8	16 10	17 2	4 49	9 31	0 36	13 0	1 28	4 49	0 49	18 48	1 1	18 50	0 31	12 12	0 28	20 37
M 9	15 53	14 17	5 1	8 50	0 28	12 34	1 28	4 34	0 48	18 49	1 1	18 48	0 31	12 13	0 28	20 37
T 10	15 36	10 51	4 56	8 8	0 20	12 8	1 28	4 18	0 47	18 51	1 1	18 46	0 31	12 13	0 28	20 37
W 11	15 18	6 59	4 36	7 27	0 12	11 41	1 28	4 3	0 47	18 52	1 2	18 44	0 31	12 14	0 28	20 37
T 12	15 0	2 53	4 3	6 46	0 4	11 14	1 28	3 48	0 46	18 54	1 2	18 42	0 32	12 14	0 28	20 37
F 13	14 42	1n16	3 19	6 5	0s 5	10 46	1 27	3 32	0 46	18 55	1 2	18 40	0 32	12 15	0 28	20 37
S 14	14 24	5 16	2 26	5 24	0 14	10 19	1 27	3 17	0 45	18 57	1 2	18 39	0 32	12 15	0 28	20 37
S 15	14 5	9 1	1 28	4 44	0 23	9 51	1 27	3 1	0 44	18 58	1 2	18 37	0 32	12 16	0 28	20 37
M 16	13 46	12 23	0 26	4 4	0 32	9 22	1 26	2 45	0 44	18 59	1 2	18 35	0 32	12 17	0 28	20 37
T 17	13 27	15 14	0s37	3 24	0 41	8 54	1 26	2 30	0 43	19 0	1 2	18 33	0 32	12 17	0 28	20 37
W 18	13 8	17 27	1 38	2 45	0 51	8 25	1 25	2 14	0 43	19 2	1 2	18 31	0 32	12 18	0 28	20 37
T 19	12 48	18 55	2 36	2 7	1 0	7 56	1 24	1 59	0 42	19 3	1 3	18 29	0 32	12 19	0 28	20 37
F 20	12 29	19 33	3 28	1 29	1 10	7 27	1 24	1 43	0 42	19 4	1 3	18 27	0 32	12 19	0 28	20 37
S 21	12 9	19 14	4 11	0 52	1 20	6 58	1 23	1 27	0 41	19 5	1 3	18 25	0 32	12 20	0 28	20 37
S 22	11 49	17 56	4 43	0 16	1 29	6 28	1 22	1 11	0 40	19 6	1 3	18 23	0 33	12 21	0 27	20 37
M 23	11 29	15 39	5 1	0s20	1 39	5 59	1 21	0 56	0 40	19 7	1 3	18 21	0 33	12 22	0 27	20 37
T 24	11 8	12 26	5 2	0 55	1 49	5 29	1 20	0 40	0 39	19 8	1 3	18 20	0 33	12 22	0 27	20 37
W 25	10 48	8 26	4 45	1 28	1 59	4 59	1 19	0 24	0 39	19 9	1 3	18 18	0 33	12 23	0 27	20 37
T 26	10 27	3 53	4 10	2 1	2 9	4 29	1 18	0 8	0 38	19 10	1 3	18 16	0 33	12 24	0 27	20 37
F 27	10 6	0s56	3 19	2 33	2 18	3 58	1 17	0s 8	0 38	19 11	1 3	18 14	0 33	12 25	0 27	20 37
S 28	9 45	5 45	2 14	3 3	2 28	3 28	1 15	0 24	0 37	19 11	1 4	18 12	0 33	12 25	0 27	20 37
S 29	9 24	10 13	1 0	3 32	2 38	2 58	1 14	0 39	0 36	19 12	1 4	18 10	0 33	12 26	0 27	20 37
M 30	9 2	14 2	0n17	4 0	2 47	2 27	1 13	0 55	0 36	19 13	1 4	18 8	0 33	12 27	0 27	20 37
T 31	8n41	16s57	1n32	4s26	2s56	1n56	1n11	1s11	0n35	19n14	1s 4	18n 6	0n34	12s28	0n27	20s37

Julian Day Number = 2442991.5, Delta T = 47.08 sec
Ecliptic obliquity = 23°26'25", Nutation = 0°00'12", out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 24°24'47", Lahiri = 23°31'48"

ASTRODIENST EPHEMERIS for the year 1976

geocentric

OCTOBER 1976

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	0 39 25	7♂56'28	14♂38	23°D 9	5♂54	24♂43	1°R 0	13♂59	5♂40	11♂36	11♂27	3°R51	4♂45	7♂15	0°R35	F 1
S 2	0 43 21	8°55'29	27°55	23♂12	7° 8	25°23	0♂57	14° 4	5°43	11°37	11°29	3♂49	4°42	7°22	0♂32	S 2
S 3	0 47 18	9°54'31	10♂54	23°26	8°21	26° 3	0°55	14°10	5°47	11°39	11°32	3°47	4°39	7°28	0°29	S 3
M 4	0 51 14	10°53'36	23°38	23°50	9°35	26°44	0°52	14°15	5°50	11°40	11°34	3°44	4°36	7°35	0°27	M 4
T 5	0 55 11	11°52'42	6♂8	24°24	10°48	27°24	0°49	14°20	5°54	11°41	11°36	3°40	4°33	7°42	0°24	T 5
W 6	0 59 7	12°51'50	18°27	25° 6	12° 1	28° 5	0°46	14°26	5°57	11°43	11°39	3°37	4°30	7°48	0°22	W 6
T 7	1 3 4	13°51'01	0♂35	25°57	13°15	28°45	0°43	14°31	6° 1	11°44	11°41	3°34	4°26	7°55	0°19	T 7
F 8	1 7 1	14°50'13	12°36	26°56	14°28	29°26	0°39	14°36	6° 5	11°45	11°43	3°32	4°23	8° 2	0°16	F 8
S 9	1 10 57	15°49'27	24°29	28° 1	15°42	0♂6	0°35	14°41	6° 8	11°47	11°46	3°31	4°20	8° 8	0°14	S 9
S 10	1 14 54	16°48'43	6♂18	29°13	16°55	0°47	0°32	14°46	6°12	11°48	11°48	3°D30	4°17	8°15	0°11	S 10
M 11	1 18 50	17°48'02	18° 5	0♂30	18° 8	1°27	0°27	14°51	6°15	11°50	11°50	3°31	4°14	8°21	0° 8	M 11
T 12	1 22 47	18°47'22	29°53	1°52	19°21	2° 8	0°23	14°56	6°19	11°51	11°53	3°32	4°10	8°28	0° 5	T 12
W 13	1 26 43	19°46'45	11♂45	3°18	20°35	2°49	0°19	15° 0	6°23	11°53	11°55	3°33	4° 7	8°35	0° 3	W 13
T 14	1 30 40	20°46'10	23°44	4°48	21°48	3°30	0°14	15° 5	6°26	11°54	11°57	3°35	4° 4	8°41	29♂59	T 14
F 15	1 34 36	21°45'38	5♂55	6°20	23° 1	4°11	0° 9	15° 9	6°30	11°56	12° 0	3°36	4° 1	8°48	29°57	F 15
S 16	1 38 33	22°45'07	18°23	7°54	24°14	4°52	0° 4	15°14	6°34	11°58	12° 2	3°R36	3°58	8°55	29°54	S 16
S 17	1 42 30	23°44'39	1♂11	9°31	25°28	5°33	29♂59	15°18	6°37	11°59	12° 4	3°36	3°55	9° 1	29°51	S 17
M 18	1 46 26	24°44'14	14°23	11° 9	26°41	6°14	29°54	15°23	6°41	12° 1	12° 7	3°36	3°51	9° 8	29°49	M 18
T 19	1 50 23	25°43'50	28° 1	12°48	27°54	6°55	29°48	15°27	6°45	12° 3	12° 9	3°35	3°48	9°15	29°46	T 19
W 20	1 54 19	26°43'29	12♂7	14°29	29° 7	7°36	29°43	15°31	6°48	12° 4	12°11	3°34	3°45	9°21	29°43	W 20
T 21	1 58 16	27°43'10	26°39	16° 9	0♂20	8°17	29°37	15°35	6°52	12° 6	12°14	3°33	3°42	9°28	29°40	T 21
F 22	2 2 12	28°42'53	11♂32	17°51	1°33	8°58	29°31	15°39	6°56	12° 8	12°16	3°33	3°39	9°35	29°37	F 22
S 23	2 6 9	29°42'39	26°39	19°32	2°46	9°40	29°25	15°43	7° 0	12° 9	12°18	3°D32	3°36	9°41	29°35	S 23
S 24	2 10 5	0♂42'26	11♂52	21°14	3°59	10°21	29°19	15°46	7° 3	12°11	12°20	3°32	3°32	9°48	29°32	S 24
M 25	2 14 2	1°42'16	26°59	22°55	5°13	11° 2	29°12	15°50	7° 7	12°13	12°23	3°33	3°29	9°55	29°29	M 25
T 26	2 17 58	2°42'07	11♂54	24°37	6°26	11°44	29° 6	15°54	7°11	12°15	12°25	3°33	3°26	10° 1	29°26	T 26
W 27	2 21 55	3°42'00	26°28	26°18	7°39	12°25	28°59	15°57	7°15	12°17	12°27	3°R33	3°23	10° 8	29°23	W 27
T 28	2 25 52	4°41'55	10♂38	27°59	8°52	13° 7	28°52	16° 0	7°18	12°19	12°29	3°33	3°20	10°14	29°21	T 28
F 29	2 29 48	5°41'51	24°21	29°39	10° 5	13°49	28°46	16° 4	7°22	12°21	12°31	3°33	3°16	10°21	29°18	F 29
S 30	2 33 45	6°41'49	7♂40	1♂20	11°18	14°30	28°39	16° 7	7°26	12°22	12°34	3°D33	3°13	10°28	29°15	S 30
S 31	2 37 41	7♂41'48	20♂35	3♂0	12♂30	15♂12	28♂31	16♂10	7♂30	12♂24	12♂36	3♂33	3♂10	10♂34	29♂12	S 31

Day	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	3s 9	17s43	4n57	2n42	0s 2	13s29	0n 1	9s19	0n17	19n15	1s 8	17n14	0n37	13s 0	0n27	F 1
S 2	3 32	15 28	5 13	2 56	0n16	13 56	0s 2	9 34	0 17	19 15	1 8	17 12	0 38	13 1	0 27	S 2
S 3	3 55	12 29	5 12	3 6	0 32	14 22	0 5	9 49	0 16	19 14	1 8	17 11	0 38	13 2	0 26	S 3
M 4	4 19	8 59	4 56	3 10	0 47	14 49	0 10	4 0	0 15	19 14	1 8	17 9	0 38	13 3	0 26	M 4
T 5	4 42	5 8	4 26	3 9	1 0	15 14	0 11	10 19	0 15	19 13	1 8	17 8	0 38	13 4	0 26	T 5
W 6	5 5	1 8	3 44	3 3	1 12	15 40	0 14	10 34	0 14	19 12	1 8	17 7	0 38	13 6	0 26	W 6
T 7	5 28	2n52	2 52	2 52	1 22	16 5	0 17	10 49	0 14	19 11	1 8	17 5	0 38	13 7	0 26	T 7
F 8	5 51	6 43	1 53	2 37	1 31	16 30	0 20	11 4	0 13	19 11	1 8	17 4	0 38	13 8	0 26	F 8
S 9	6 14	10 16	0 50	2 18	1 39	16 54	0 23	11 19	0 12	19 10	1 8	17 3	0 39	13 9	0 26	S 9
S 10	6 36	13 23	0s16	1 55	1 45	17 18	0 26	11 34	0 12	19 9	1 8	17 1	0 39	13 10	0 26	S 10
M 11	6 59	15 56	1 20	1 29	1 51	17 42	0 29	11 48	0 11	19 8	1 8	17 0	0 39	13 11	0 26	M 11
T 12	7 22	17 50	2 21	1 0	1 54	18 5	0 32	12 3	0 11	19 7	1 9	16 59	0 39	13 13	0 26	T 12
W 13	7 44	18 57	3 17	0 29	1 57	18 27	0 35	12 18	0 10	19 6	1 9	16 58	0 39	13 14	0 26	W 13
T 14	8 7	19 14	4 4	0s 5	1 59	18 49	0 38	12 32	0 9	19 5	1 9	16 56	0 39	13 15	0 26	T 14
F 15	8 29	18 37	4 42	0 41	2 0	19 11	0 41	12 46	0 9	19 4	1 9	16 55	0 39	13 16	0 26	F 15
S 16	8 51	17 7	5 7	1 18	2 0	19 32	0 44	13 1	0 8	19 3	1 9	16 54	0 40	13 18	0 26	S 16
S 17	9 13	14 44	5 17	1 57	1 59	19 53	0 46	13 15	0 8	19 2	1 9	16 53	0 40	13 19	0 26	S 17
M 18	9 35	11 32	5 12	2 37	1 57	20 13	0 49	13 29	0 7	19 0	1 9	16 52	0 40	13 20	0 26	M 18
T 19	9 57	7 38	4 49	3 18	1 55	20 33	0 52	13 43	0 6	18 59	1 9	16 51	0 40	13 21	0 26	T 19
W 20	10 18	3 11	4 9	3 59	1 52	20 52	0 55	13 57	0 6	18 58	1 9	16 50	0 40	13 22	0 26	W 20
T 21	10 40	1s36	3 11	4 41	1 49	21 10	0 58	14 11	0 5	18 57	1 9	16 48	0 40	13 24	0 26	T 21
F 22	11 1	6 24	1 59	5 23	1 45	21 28	1 1	14 25	0 5	18 56	1 9	16 47	0 41	13 25	0 26	F 22
S 23	11 22	10 52	0 38	6 5	1 41	21 45	1 4	14 39	0 4	18 54	1 9	16 46	0 41	13 26	0 26	S 23
S 24	11 43	14 40	0n46	6 48	1 36	22 2	1 7	14 52	0 3	18 53	1 9	16 46	0 41	13 27	0 26	S 24
M 25	12 4	17 26	2 7	7 30	1 31	22 18	1 9	15 6	0 3	18 51	1 9	16 45	0 41	13 29	0 26	M 25
T 26	12 25	18 57	3 18	8 12	1 26	22 34	1 12	15 19	0 2	18 50	1 9	16 44	0 41	13 30	0 26	T 26
W 27	12 45	19 10	4 14	8 54	1 20	22 49	1 15	15 32	0 2	18 49	1 9	16 43	0 41	13 31	0 26	W 27
T 28	13 5	18 9	4 53	9 36	1 14	23 3	1 18	15 46	0 1	18 47	1 9	16 42	0 41	13 32	0 26	T 28
F 29	13 25	16 5	5 14	10 17	1 8	23 17	1 20	15 59	0 0	18 46	1 9	16 41	0 42	13 34	0 26	F 29
S 30	13 45	13 14	5 17	10 58	1 2	23 30	1 23	16 12	0s 0	18 44	1 9	16 40	0 42	13 35	0 26	S 30
S 31	14s 5	9s49	5n 4	11s38	0n56	23s43	1s26	16s24	0s 1	18n43	1s 9	16n40	0n42	13s36	0n26	S 31

Julian Day Number = 2443052.5, Delta T = 47.25 sec
 Ecliptic obliquity = 23°26'25, Nutation = 0°00'10, out-of-bounds declination in red
 Ayanamsha: Fagan/Bradley = 24°24'56, Lahiri = 23°31'56

ASTRODIENST EPHEMERIS for the year 1976
geocentric

NOVEMBER 1976

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	2 41 38	8♍41'49	3♊11	4♍39	13♌43	15♍54	28°R24	16♏13	7♍33	12♌26	12♌38	3♍33	3♍ 7	10♌41	29°R 9	M 1
T 2	2 45 34	9°41'52	15°30	6°18	14°56	16°36	28♌17	16°16	7°37	12°28	12°40	3°34	3° 4	10°48	29°R 7	T 2
W 3	2 49 31	10°41'56	27°37	7°57	16° 9	17°17	28° 9	16°18	7°41	12°30	12°42	3°34	3° 1	10°54	29° 4	W 3
T 4	2 53 27	11°42'02	9°Y35	9°35	17°22	17°59	28° 2	16°21	7°45	12°32	12°44	3°35	2°57	11° 1	29° 1	T 4
F 5	2 57 24	12°42'10	21°27	11°13	18°34	18°41	27°54	16°24	7°48	12°34	12°47	3°36	2°54	11° 8	28°58	F 5
S 6	3 1 21	13°42'19	3♌15	12°51	19°47	19°23	27°47	16°26	7°52	12°36	12°49	3°R36	2°51	11°14	28°56	S 6
S 7	3 5 17	14°42'30	15° 3	14°28	21° 0	20° 6	27°39	16°28	7°56	12°38	12°51	3°36	2°48	11°21	28°53	S 7
M 8	3 9 14	15°42'43	26°52	16° 4	22°13	20°48	27°31	16°31	8° 0	12°40	12°53	3°35	2°45	11°28	28°50	M 8
T 9	3 13 10	16°42'58	8♐44	17°41	23°25	21°30	27°23	16°33	8° 3	12°42	12°55	3°33	2°41	11°34	28°48	T 9
W10	3 17 7	17°43'14	20°42	19°17	24°38	22°12	27°15	16°35	8° 7	12°45	12°57	3°31	2°38	11°41	28°45	W10
T 11	3 21 3	18°43'33	2♌48	20°52	25°50	22°54	27° 7	16°37	8°11	12°47	12°59	3°29	2°35	11°47	28°42	T 11
F 12	3 25 0	19°43'53	15° 5	22°27	27° 3	23°37	26°59	16°39	8°15	12°49	13° 1	3°27	2°32	11°54	28°40	F 12
S 13	3 28 56	20°44'16	27°34	24° 2	28°15	24°19	26°51	16°40	8°18	12°51	13° 3	3°25	2°29	12° 1	28°37	S 13
S 14	3 32 53	21°44'40	10♏21	25°37	29°28	25° 2	26°43	16°42	8°22	12°53	13° 5	3°23	2°26	12° 7	28°35	S 14
M15	3 36 50	22°45'06	23°27	27°11	0♌40	25°44	26°35	16°43	8°26	12°55	13° 7	3°D23	2°22	12°14	28°32	M15
T 16	3 40 46	23°45'34	6♐55	28°46	1°52	26°27	26°27	16°45	8°29	12°57	13° 9	3°23	2°19	12°21	28°30	T 16
W17	3 44 43	24°46'03	20°47	0♌19	3° 5	27° 9	26°18	16°46	8°33	12°59	13°10	3°25	2°16	12°27	28°27	W17
T 18	3 48 39	25°46'35	5♌4	1°53	4°17	27°52	26°10	16°47	8°37	13° 2	13°12	3°26	2°13	12°34	28°25	T 18
F 19	3 52 36	26°47'09	19°43	3°26	5°29	28°35	26° 2	16°48	8°40	13° 4	13°14	3°27	2°10	12°41	28°22	F 19
S 20	3 56 32	27°47'44	4♍41	5° 0	6°42	29°17	25°54	16°49	8°44	13° 6	13°16	3°R28	2° 7	12°47	28°20	S 20
S 21	4 0 29	28°48'21	19°50	6°33	7°54	0♌ 0	25°46	16°50	8°47	13° 8	13°18	3°27	2° 3	12°54	28°18	S 21
M22	4 4 25	29°48'59	5♌ 1	8° 6	9° 6	0°43	25°38	16°51	8°51	13°10	13°20	3°25	2° 0	13° 1	28°15	M22
T 23	4 8 22	0♌49'39	20° 5	9°38	10°18	1°26	25°29	16°51	8°55	13°13	13°21	3°21	1°57	13° 7	28°13	T 23
W24	4 12 19	1°50'20	4♌51	11°11	11°30	2° 9	25°21	16°52	8°58	13°15	13°23	3°17	1°54	13°14	28°11	W24
T 25	4 16 15	2°51'03	19°14	12°43	12°42	2°52	25°13	16°52	9° 2	13°17	13°25	3°13	1°51	13°21	28° 9	T 25
F 26	4 20 12	3°51'46	3♌ 9	14°15	13°54	3°35	25° 5	16°53	9° 5	13°19	13°26	3° 9	1°47	13°27	28° 6	F 26
S 27	4 24 8	4°52'31	16°35	15°47	15° 6	4°18	24°57	16°53	9° 9	13°22	13°28	3° 6	1°44	13°34	28° 4	S 27
S 28	4 28 5	5°53'16	29°35	17°19	16°17	5° 1	24°49	16°R53	9°12	13°24	13°30	3° 5	1°41	13°40	28° 2	S 28
M29	4 32 1	6°54'03	12♊10	18°50	17°29	5°45	24°42	16°53	9°16	13°26	13°31	3°D 5	1°38	13°47	28° 0	M29
T 30	4 35 58	7♌54'50	24♊27	20♌22	18♌41	6♌28	24♌34	16♏52	9♍19	13♌28	13♌33	3♍ 6	1♍35	13♌54	27°Y58	T 30

Day	☉	☾		♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
M 1	14s24	6s 2	4n37	12s18	0n49	23s54	1s28	16s37	0s 1	18n41	1s 9	16n39	0n42	13s37	0n26	20s50	1n28	10n12	16n30	12s42	12s33	14n23	11n 6	0s 4	0s 4	0s 4	0s 4
T 2	14 43	2 4	3 57	12 57	0 43	24 5	1 31	16 50	0 2	18 39	1 9	16 38	0 42	13 38	0 26	20 50	1 28	10 12	16 30	12 42	12 32	14 24	11 5	0 4	0 4	0 4	0 4
W 3	15 2	1n55	3 7	13 35	0 36	24 16	1 33	17 2	0 3	18 38	1 9	16 37	0 42	13 40	0 26	20 51	1 28	10 11	16 31	12 42	12 31	14 25	11 4	0 5	0 5	0 5	0 5
T 4	15 21	5 47	2 10	14 13	0 30	24 26	1 36	17 15	0 3	18 36	1 9	16 37	0 43	13 41	0 26	20 51	1 28	10 11	16 31	12 43	12 30	14 27	11 3	0 5	0 5	0 5	0 5
F 5	15 39	9 24	1 7	14 50	0 23	24 35	1 38	17 27	0 4	18 34	1 9	16 36	0 43	13 42	0 26	20 51	1 28	10 10	16 31	12 43	12 29	14 28	11 2	0 5	0 5	0 5	0 5
S 6	15 57	12 38	0 2	15 26	0 16	24 43	1 40	17 39	0 4	18 33	1 9	16 36	0 43	13 43	0 26	20 52	1 28	10 10	16 32	12 43	12 28	14 29	11 1	0 5	0 5	0 5	0 5
S 7	16 15	15 21	1s 3	16 2	0 9	24 50	1 43	17 51	0 5	18 31	1 9	16 35	0 43	13 45	0 26	20 52	1 28	10 9	16 32	12 43	12 27	14 30	11 0	0 5	0 5	0 5	0 5
M 8	16 33	17 25	2 6	16 36	0 3	24 57	1 45	18 3	0 6	18 29	1 9	16 35	0 43	13 46	0 26	20 52	1 28	10 9	16 32	12 43	12 26	14 32	10 59	0 5	0 5	0 5	0 5
T 9	16 50	18 45	3 3	17 10	0s 4	25 3	1 47	18 14	0 6	18 28	1 9	16 34	0 43	13 47	0 26	20 52	1 28	10 8	16 32	12 42	12 24	14 33	10 58	0 5	0 5	0 5	0 5
W10	17 7	19 15	3 53	17 43	0 11	25 9	1 49	18 26	0 7	18 26	1 9	16 34	0 44	13 48	0 26	20 53	1 28	10 8	16 33	12 41	12 23	14 34	10 57	0 5	0 5	0 5	0 5
T 11	17 24	18 52	4 32	18 15	0 17	25 14	1 51	18 37	0 7	18 24	1 9	16 33	0 44	13 49	0 26	20 53	1 28	10 7	16 33	12 41	12 22	14 35	10 56	0 5	0 5	0 5	0 5
F 12	17 40	17 37	5 0	18 46	0 24	25 18	1 53	18 48	0 8	18 22	1 9	16 33	0 44	13 51	0 26	20 53	1 28	10 7	16 33	12 40	12 21	14 36	10 55	0 5	0 5	0 5	0 5
S 13	17 56	15 30	5 15	19 17	0 31	25 21	1 55	18 59	0 9	18 21	1 8	16 33	0 44	13 52	0 26	20 54	1 28	10 6	16 34	12 39	12 20	14 38	10 54	0 5	0 5	0 5	0 5
S 14	18 12	12 36	5 14	19 46	0 37	25 23	1 57	19 10	0 9	18 19	1 8	16 32	0 44	13 53	0 26	20 54	1 27	10 6	16 34	12 39	12 19	14 39	10 53	0 5	0 5	0 5	0 5
M15	18 28	9 1	4 57	20 14	0 43	25 25	1 59	19 21	0 10	18 17	1 8	16 32	0 45	13 54	0 26	20 54	1 27	10 6	16 35	12 39	12 18	14 40	10 52	0 5	0 5	0 5	0 5
T 16	18 43	4 53	4 24	20 41	0 50	25 26	2 1	19 32	0 10	18 15	1 8	16 32	0 45	13 55	0 26	20 54	1 27	10 5	16 35	12 39	12 17	14 41	10 51	0 6	0 6	0 6	0 6
W17	18 58	0 22	3 34	21 8	0 56	25 26	2 2	19 42	0 11	18 13	1 8	16 31	0 45	13 57	0 26	20 55	1 27	10 5	16 35	12 39	12 16	14 42	10 50	0 6	0 6	0 6	0 6
T 18	19 12	4s19	2 30	21 33	1 2	25 26	2 4	19 52	0 12	18 12	1 8	16 31	0 45	13 58	0 26	20 55	1 27	10 4	16 36	12 40	12 15	14 44	10 49	0 6	0 6	0 6	0 6
F 19	19 26	8 52	1 15	21 57	1 8	25 25	2 5	20 2	0 12	18 10	1 8	16 31	0 45	13 59	0 26	20 55	1 27	10 4	16 36	12 40	12 13	14 45	10 48	0 6	0 6	0 6	0 6
S 20	19 40	12 59	0n 7	22 20	1 14	25 23	2 7	20 12	0 13	18 8	1 8	16 31	0 45	14 0	0 26	20 56	1 27	10 4	16 36	12 40	12 12	14 46	10 47	0 6	0 6	0 6	0 6
S 21	19 54	16 16	1 29	22 42	1 19	25 20	2 8	20 22	0 13	18 6	1 8	16 31	0 46	14 1	0 26	20 56	1 27	10 4	16 37	12 40	12 11	14 47	10 47	0 6	0 6	0 6	0 6
M22	20 7	18 26	2 45	23 3	1 25	25 17	2 9	20 32	0 14	18 4	1 7	16 31	0 46	14 2	0 26	20 56	1 27	10 3	16 37	12 39	12 10	14 48	10 46	0 6	0 6	0 6	0 6
T 23	20 19	19 16	3 49	23 23	1 30	25 12	2 10	20 41	0 15	18 3	1 7	16 31	0 46	14 3	0 26	20 56	1 27	10 3	16 38	12 38	12 9	14 49	10 45	0 6	0 6	0 6	0 6
W24	20 32	18 45	4 36	23 41	1 35	25 8	2 12	20 50	0 15	18 1	1 7	16 31	0 46	14 5	0 26	20 57	1 27	10 3	16 38	12 37	12 8	14 51	10 44	0 6	0 6	0 6	0 6
T 25	20 44	17 2	5 4	23 59	1 40	25 2	2 13	20 59	0 16	17 59	1 7	16 31	0 46	14 6	0 26	20 57	1 27	10 2	16 39	12 35	12 7	14 52	10 43	0 6	0 6	0 6	0 6
F 26	20 55	14 22	5 14	24 15	1 45	24 56	2 13	21 8	0 16	17 57	1 7	16 31	0 46	14 7	0 26	20 57	1 27	10 2	16 39	12 34	12 6	14 53	10 42	0 6	0 6	0 6	0 6
S 27	21 7	11 1	5 5	24 30	1 49	24 49	2 14	21 17	0 17	17 56	1 7	16 31	0 47	14 8	0 26	20 58	1 27	10 2	16 39	12 33	12 5	14 54	10 41	0 6	0 6	0 6	0 6
S 28	21 17	7 14	4 41	24 43	1 54	24 41	2 15	21 25	0 17	17 54	1 7	16 31	0 47	14 9	0 26	20 58	1 27	10 2	16 40	12 32	12 4	14 55	10 41	0 6	0 6	0 6	0 6
M29	21 28	3 14	4 4	24 55	1 58	24 32	2 16	21 34	0 18	17 52	1 6	16 32	0 47	14 10	0 26	20 58	1 27	10 2	16 40	12 32	12 3	14 56	10 40	0 6	0 6	0 6	0 6
T 30	21s38	0n48	3n16	25s 6	2s 1	24s23	2s16	21s42	0s19	17n50	1s 6	16n32	0n47	14s11	0n26	20s58	1n27	10n 1	16n41	12s33	12s 1	14n58	10n39	0s 4	0s 4	0s 4	0s 4

ASTRODIENST EPHEMERIS for the year 1976
geocentric

DECEMBER 1976

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	4 39 54	8♂55'38	6♂29	21♂53	19♂52	7♂11	24°R26	16°R52	9♂23	13♂31	13♂34	3♂ 7	1♂32	14♂ 0	27°R56	W 1
T 2	4 43 51	9°56'27	18°22	23°24	21° 4	7°55	24♂18	16♂52	9°26	13°33	13°36	3° 9	1°28	14° 7	27°Y54	T 2
F 3	4 47 48	10°57'18	0♂ 9	24°55	22°15	8°38	24°11	16°51	9°29	13°35	13°37	3°R10	1°25	14°14	27°52	F 3
S 4	4 51 44	11°58'09	11°56	26°25	23°27	9°22	24° 4	16°51	9°33	13°37	13°39	3°10	1°22	14°20	27°50	S 4
S 5	4 55 41	12°59'01	23°45	27°55	24°38	10° 5	23°56	16°50	9°36	13°40	13°40	3° 7	1°19	14°27	27°49	S 5
M 6	4 59 37	13°59'54	5♂39	29°25	25°49	10°49	23°49	16°49	9°39	13°42	13°42	3° 3	1°16	14°34	27°47	M 6
T 7	5 3 34	15° 0'48	17°40	0♂54	27° 0	11°32	23°42	16°48	9°42	13°44	13°43	2°57	1°13	14°40	27°45	T 7
W 8	5 7 30	16° 1'44	29°49	2°23	28°11	12°16	23°35	16°47	9°46	13°46	13°45	2°49	1° 9	14°47	27°43	W 8
T 9	5 11 27	17° 2'40	12♂ 8	3°51	29°22	13° 0	23°28	16°46	9°49	13°49	13°46	2°41	1° 6	14°54	27°42	T 9
F 10	5 15 23	18° 3'37	24°38	5°18	0♂33	13°43	23°21	16°44	9°52	13°51	13°47	2°32	1° 3	15° 0	27°40	F 10
S 11	5 19 20	19° 4'35	7♂19	6°44	1°44	14°27	23°15	16°43	9°55	13°53	13°48	2°24	1° 0	15° 7	27°39	S 11
S 12	5 23 17	20° 5'34	20°13	8° 9	2°54	15°11	23° 8	16°41	9°58	13°55	13°50	2°18	0°57	15°14	27°37	S 12
M13	5 27 13	21° 6'35	3♂21	9°33	4° 5	15°55	23° 2	16°40	10° 1	13°58	13°51	2°15	0°53	15°20	27°36	M13
T 14	5 31 10	22° 7'36	16°45	10°55	5°15	16°39	22°55	16°38	10° 4	14° 0	13°52	2°D13	0°50	15°27	27°34	T 14
W15	5 35 6	23° 8'38	0♂27	12°16	6°25	17°23	22°49	16°36	10° 7	14° 2	13°53	2°13	0°47	15°34	27°33	W15
T 16	5 39 3	24° 9'42	14°28	13°34	7°36	18° 7	22°43	16°34	10°10	14° 4	13°54	2°14	0°44	15°40	27°32	T 16
F 17	5 42 59	25°10'46	28°47	14°50	8°46	18°51	22°38	16°32	10°13	14° 7	13°55	2°R15	0°41	15°47	27°31	F 17
S 18	5 46 56	26°11'51	13♂23	16° 4	9°56	19°35	22°32	16°30	10°16	14° 9	13°56	2°14	0°38	15°53	27°30	S 18
S 19	5 50 52	27°12'58	28°12	17°13	11° 6	20°20	22°27	16°28	10°19	14°11	13°57	2°12	0°34	16° 0	27°28	S 19
M20	5 54 49	28°14'05	13♂ 8	18°19	12°15	21° 4	22°21	16°25	10°22	14°13	13°58	2° 6	0°31	16° 7	27°27	M20
T 21	5 58 46	29°15'12	28° 2	19°21	13°25	21°48	22°16	16°23	10°25	14°16	13°59	1°59	0°28	16°13	27°26	T 21
W22	6 2 42	0♂16'20	12♂45	20°17	14°35	22°33	22°11	16°20	10°28	14°18	14° 0	1°49	0°25	16°20	27°25	W22
T 23	6 6 39	1°17'29	27°10	21° 7	15°44	23°17	22° 6	16°18	10°30	14°20	14° 1	1°39	0°22	16°27	27°24	T 23
F 24	6 10 35	2°18'38	11♂10	21°51	16°53	24° 1	22° 2	16°15	10°33	14°22	14° 2	1°30	0°19	16°33	27°24	F 24
S 25	6 14 32	3°19'46	24°43	22°26	18° 2	24°46	21°57	16°12	10°36	14°24	14° 3	1°22	0°15	16°40	27°23	S 25
S 26	6 18 28	4°20'55	7♂48	22°54	19°11	25°31	21°53	16° 9	10°38	14°26	14° 3	1°16	0°12	16°47	27°22	S 26
M27	6 22 25	5°22'04	20°28	23°12	20°20	26°15	21°49	16° 6	10°41	14°29	14° 4	1°13	0° 9	16°53	27°21	M27
T 28	6 26 22	6°23'13	2♂47	23°R19	21°29	27° 0	21°45	16° 3	10°43	14°31	14° 5	1°D11	0° 6	17° 0	27°21	T 28
W29	6 30 18	7°24'22	14°50	23°16	22°37	27°44	21°42	16° 0	10°46	14°33	14° 6	1°11	0° 3	17° 7	27°20	W29
T 30	6 34 15	8°25'31	26°42	23° 0	23°45	28°29	21°38	15°57	10°48	14°35	14° 6	1°R12	29♂59	17°13	27°20	T 30
F 31	6 38 11	9♂26'40	8♂29	22♂33	24♂53	29♂14	21♂35	15♂53	10♂51	14♂37	14♂ 7	1♂12	29♂56	17♂20	27♂19	F 31

Day	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
W 1	21s47	4n44	2n21	25s16	2s 5	24s13	2s17	21s50	0s19	17n49	1s 6	16n32	0n47	14s12	0n26	20s59
T 2	21 56	8 26	1 20	25 24	2 8	24 3	2 17	21 57	0 20	17 47	1 6	16 32	0 48	14 13	0 26	20 59
F 3	22 5	11 47	0 16	25 31	2 11	23 52	2 17	22 5	0 20	17 45	1 6	16 33	0 48	14 14	0 26	20 59
S 4	22 14	14 40	0s48	25 37	2 13	23 40	2 18	22 12	0 21	17 44	1 5	16 33	0 48	14 15	0 26	21 0
S 5	22 21	16 56	1 50	25 41	2 15	23 27	2 18	22 19	0 22	17 42	1 5	16 33	0 48	14 16	0 26	21 0
M 6	22 29	18 30	2 47	25 43	2 17	23 14	2 18	22 26	0 22	17 41	1 5	16 34	0 48	14 18	0 26	21 0
T 7	22 36	19 15	3 38	25 45	2 18	23 0	2 17	22 33	0 23	17 39	1 5	16 34	0 48	14 19	0 26	21 0
W 8	22 42	19 7	4 19	25 44	2 19	22 46	2 17	22 39	0 23	17 37	1 5	16 35	0 49	14 20	0 26	21 1
T 9	22 49	18 5	4 49	25 43	2 20	22 31	2 17	22 45	0 24	17 36	1 4	16 35	0 49	14 21	0 26	21 1
F 10	22 54	16 11	5 5	25 39	2 20	22 15	2 16	22 51	0 25	17 35	1 4	16 36	0 49	14 22	0 26	21 1
S 11	22 59	13 29	5 5	25 35	2 19	21 59	2 16	22 57	0 25	17 33	1 4	16 36	0 49	14 23	0 26	21 1
S 12	23 4	10 6	4 53	25 29	2 18	21 42	2 15	23 3	0 26	17 32	1 4	16 37	0 49	14 24	0 26	21 2
M13	23 9	6 10	4 24	25 21	2 16	21 25	2 14	23 8	0 26	17 30	1 4	16 38	0 50	14 24	0 26	21 2
T 14	23 12	1 51	3 40	25 12	2 13	21 7	2 13	23 13	0 27	17 29	1 3	16 38	0 50	14 25	0 26	21 2
W15	23 16	2s40	2 43	25 2	2 10	20 48	2 12	23 18	0 28	17 28	1 3	16 39	0 50	14 26	0 26	21 3
T 16	23 19	7 9	1 34	24 50	2 6	20 29	2 11	23 23	0 28	17 26	1 3	16 40	0 50	14 27	0 26	21 3
F 17	23 21	11 20	0 19	24 37	2 1	20 9	2 10	23 27	0 29	17 25	1 3	16 41	0 50	14 28	0 26	21 3
S 18	23 23	14 55	1n 0	24 23	1 56	19 49	2 8	23 31	0 29	17 24	1 2	16 42	0 50	14 29	0 26	21 3
S 19	23 25	17 34	2 15	24 8	1 49	19 29	2 7	23 35	0 30	17 23	1 2	16 42	0 51	14 30	0 26	21 4
M20	23 26	19 3	3 21	23 52	1 42	19 8	2 5	23 39	0 30	17 22	1 2	16 43	0 51	14 31	0 26	21 4
T 21	23 26	19 12	4 14	23 35	1 33	18 46	2 4	23 42	0 31	17 21	1 2	16 44	0 51	14 32	0 26	21 4
W22	23 26	18 3	4 48	23 17	1 23	18 24	2 2	23 45	0 32	17 20	1 1	16 45	0 51	14 33	0 26	21 4
T 23	23 26	15 45	5 4	22 59	1 13	18 2	2 0	23 48	0 32	17 19	1 1	16 46	0 51	14 33	0 26	21 5
F 24	23 25	12 36	5 1	22 40	1 1	17 39	1 58	23 51	0 33	17 18	1 1	16 47	0 51	14 34	0 26	21 5
S 25	23 24	8 53	4 40	22 21	0 48	17 15	1 55	23 53	0 33	17 17	1 1	16 48	0 52	14 35	0 26	21 5
S 26	23 22	4 51	4 6	22 3	0 33	16 52	1 53	23 56	0 34	17 16	1 0	16 49	0 52	14 36	0 26	21 5
M27	23 20	0 43	3 20	21 44	0 18	16 27	1 51	23 58	0 34	17 15	1 0	16 50	0 52	14 37	0 26	21 6
T 28	23 17	3n20	2 26	21 27	0 1	16 3	1 48	23 59	0 35	17 14	1 0	16 51	0 52	14 37	0 26	21 6
W29	23 14	7 10	1 26	21 10	0n17	15 38	1 45	24 1	0 36	17 14	1 0	16 52	0 52	14 38	0 26	21 6
T 30	23 10	10 40	0 24	20 54	0 35	15 13	1 42	24 2	0 36	17 13	0 59	16 54	0 52	14 39	0 26	21 6
F 31	23s 6	13n43	0s39	20s40	0n54	14s47	1s39	24s 3	0s37	17n13	0s59	16n55	0n53	14s40	0n26	21s 6

Julian Day Number = 2443113.5, Delta T = 47.43 sec
Ecliptic obliquity = 23°26'24", Nutation = 0°00'08", out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 24°25'04", Lahiri = 23°32'05"