



# Astrodienst Ephemeris Tables for the year 1967

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 1967  
geocentric

JANUARY 1967

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	6 39 50	9♌52'10	5♍38	29♊57	22♋42	14♌7	1°R55	24♋1	24°R25	23♌32	20°R38	14°R32	13♌19	0°Y40	22♋3	S 1
M 2	6 43 46	10°53'19	19°54	1♌29	23°57	14°35	1♌48	24°4	24♍25	23°34	20♍37	14♌27	13°16	0°46	22°5	M 2
T 3	6 47 43	11°54'28	4♌6	3°3	25°13	15°3	1°41	24°8	24°25	23°35	20°37	14°25	13°13	0°53	22°6	T 3
W 4	6 51 39	12°55'37	18°11	4°36	26°28	15°30	1°34	24°12	24°25	23°37	20°37	14°D25	13°10	1°0	22°8	W 4
T 5	6 55 36	13°56'47	2♌10	6°10	27°43	15°58	1°27	24°16	24°25	23°39	20°36	14°26	13°6	1°6	22°10	T 5
F 6	6 59 33	14°57'57	16°1	7°44	28°59	16°25	1°19	24°20	24°24	23°40	20°36	14°R26	13°3	1°13	22°11	F 6
S 7	7 3 29	15°59'07	29°44	9°19	0♌14	16°52	1°12	24°24	24°24	23°42	20°35	14°25	13°0	1°20	22°13	S 7
S 8	7 7 26	17° 0'17	13♊19	10°54	1°29	17°19	1°4	24°28	24°23	23°43	20°35	14°22	12°57	1°26	22°15	S 8
M 9	7 11 22	18° 1'28	26°44	12°29	2°44	17°45	0°56	24°33	24°23	23°45	20°35	14°15	12°54	1°33	22°17	M 9
T 10	7 15 19	19° 2'38	9♌58	14°5	4°0	18°11	0°49	24°37	24°22	23°46	20°34	14°6	12°51	1°40	22°19	T 10
W 11	7 19 15	20° 3'48	23°0	15°41	5°15	18°37	0°41	24°41	24°22	23°48	20°33	13°55	12°47	1°47	22°21	W 11
T 12	7 23 12	21° 4'58	5♌47	17°18	6°30	19°3	0°33	24°46	24°21	23°49	20°33	13°42	12°44	1°53	22°23	T 12
F 13	7 27 8	22° 6'07	18°20	18°55	7°45	19°29	0°25	24°51	24°20	23°51	20°32	13°29	12°41	2°0	22°25	F 13
S 14	7 31 5	23° 7'15	0♋38	20°33	9°0	19°54	0°17	24°55	24°19	23°52	20°31	13°18	12°38	2°7	22°27	S 14
S 15	7 35 2	24° 8'24	12°44	22°11	10°16	20°19	0°9	25°0	24°19	23°53	20°31	13°8	12°35	2°13	22°30	S 15
M 16	7 38 58	25° 9'31	24°40	23°49	11°31	20°44	0°1	25°5	24°18	23°55	20°30	13°1	12°32	2°20	22°32	M 16
T 17	7 42 55	26°10'38	6♊30	25°29	12°46	21°8	29♌53	25°10	24°17	23°56	20°29	12°57	12°28	2°27	22°34	T 17
W 18	7 46 51	27°11'44	18°18	27°8	14°1	21°33	29°45	25°15	24°16	23°57	20°29	12°55	12°25	2°33	22°36	W 18
T 19	7 50 48	28°12'49	0♌10	28°48	15°16	21°57	29°37	25°20	24°15	23°58	20°28	12°D55	12°22	2°40	22°39	T 19
F 20	7 54 44	29°13'53	12°12	0♌29	16°31	22°20	29°29	25°25	24°14	24°0	20°27	12°R55	12°19	2°47	22°41	F 20
S 21	7 58 41	0♌14'57	24°28	2°10	17°46	22°44	29°21	25°30	24°12	24°1	20°26	12°55	12°16	2°53	22°44	S 21
S 22	8 2 37	1°15'59	7♊4	3°52	19°1	23°7	29°13	25°36	24°11	24°2	20°25	12°52	12°12	3°0	22°46	S 22
M 23	8 6 34	2°17'01	20°3	5°34	20°16	23°30	29°5	25°41	24°10	24°3	20°24	12°48	12°9	3°7	22°49	M 23
T 24	8 10 31	3°18'02	3♌29	7°17	21°31	23°52	28°57	25°47	24°9	24°4	20°23	12°40	12°6	3°13	22°51	T 24
W 25	8 14 27	4°19'02	17°21	9°1	22°46	24°14	28°49	25°52	24°7	24°5	20°22	12°30	12°3	3°20	22°54	W 25
T 26	8 18 24	5°20'01	1♌36	10°44	24°1	24°36	28°41	25°58	24°6	24°6	20°21	12°18	12°0	3°27	22°57	T 26
F 27	8 22 20	6°20'59	16°9	12°29	25°16	24°58	28°33	26°3	24°5	24°7	20°20	12°6	11°57	3°33	22°59	F 27
S 28	8 26 17	7°21'56	0♍52	14°13	26°31	25°19	28°25	26°9	24°3	24°8	20°19	11°54	11°53	3°40	23°2	S 28
S 29	8 30 13	8°22'53	15°37	15°58	27°46	25°40	28°17	26°15	24°2	24°9	20°18	11°45	11°50	3°47	23°5	S 29
M 30	8 34 10	9°23'48	0♌17	17°44	29°1	26°1	28°10	26°21	24°0	24°10	20°17	11°38	11°47	3°53	23°8	M 30
T 31	8 38 6	10°24'43	14♌45	19°29	0♋16	26♌21	28°2	26♋27	23♍58	24♌11	20♍16	11♌34	11♌44	4°Y0	23♋10	T 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
S 1	23s 5	13n52	4n45	24s16	0s49	22s43	1s12	3s40	2n 3	20n13	0n29	4s25	2s14	2n56	0n47	17s 1	1n42
M 2	23 0	7 49	4 9	24 22	0 55	22 32	1 14	3 51	2 4	20 14	0 29	4 24	2 13	2 56	0 47	17 1	1 42
T 3	22 55	1 24	3 18	24 26	1 1	22 20	1 15	4 1	2 4	20 16	0 29	4 22	2 13	2 56	0 47	17 1	1 42
W 4	22 49	5s 3	2 16	24 29	1 7	22 7	1 17	4 11	2 5	20 18	0 30	4 20	2 13	2 56	0 47	17 2	1 42
T 5	22 43	11 13	1 5	24 31	1 13	21 54	1 18	4 21	2 6	20 20	0 30	4 19	2 13	2 56	0 47	17 2	1 42
F 6	22 36	16 46	0s 8	24 31	1 18	21 40	1 20	4 31	2 6	20 21	0 30	4 17	2 13	2 56	0 47	17 2	1 42
S 7	22 29	21 25	1 21	24 30	1 23	21 25	1 21	4 41	2 7	20 23	0 30	4 15	2 13	2 57	0 47	17 3	1 42
S 8	22 22	24 51	2 28	24 27	1 28	21 10	1 22	4 50	2 7	20 25	0 30	4 13	2 12	2 57	0 47	17 3	1 43
M 9	22 14	26 49	3 25	24 24	1 32	20 54	1 23	5 0	2 8	20 27	0 30	4 11	2 12	2 57	0 47	17 3	1 43
T 10	22 6	27 14	4 11	24 18	1 37	20 38	1 24	5 9	2 8	20 29	0 30	4 10	2 12	2 57	0 47	17 4	1 43
W 11	21 57	26 7	4 42	24 12	1 41	20 20	1 25	5 19	2 9	20 30	0 31	4 8	2 12	2 58	0 47	17 4	1 43
T 12	21 48	23 39	4 59	24 3	1 45	20 3	1 26	5 28	2 9	20 32	0 31	4 6	2 12	2 58	0 47	17 4	1 43
F 13	21 38	20 6	5 1	23 54	1 48	19 44	1 27	5 37	2 10	20 34	0 31	4 4	2 11	2 58	0 47	17 5	1 43
S 14	21 28	15 44	4 48	23 43	1 51	19 25	1 28	5 46	2 11	20 36	0 31	4 2	2 11	2 59	0 47	17 5	1 43
S 15	21 17	10 50	4 23	23 30	1 54	19 6	1 29	5 55	2 11	20 38	0 31	4 0	2 11	2 59	0 47	17 5	1 43
M 16	21 7	5 35	3 47	23 16	1 57	18 46	1 30	6 4	2 12	20 40	0 31	3 58	2 11	2 59	0 47	17 6	1 43
T 17	20 55	0 11	3 0	23 0	1 59	18 25	1 30	6 12	2 12	20 42	0 31	3 55	2 11	3 0	0 47	17 6	1 43
W 18	20 44	5n14	2 7	22 43	2 1	18 4	1 31	6 21	2 13	20 43	0 32	3 53	2 11	3 0	0 47	17 6	1 43
T 19	20 31	10 29	1 7	22 24	2 3	17 43	1 31	6 29	2 13	20 45	0 32	3 51	2 11	3 1	0 47	17 6	1 43
F 20	20 19	15 26	0 4	22 4	2 4	17 21	1 32	6 38	2 14	20 47	0 32	3 49	2 10	3 1	0 47	17 7	1 43
S 21	20 6	19 52	1n 1	21 43	2 5	16 58	1 32	6 46	2 14	20 49	0 32	3 47	2 10	3 2	0 47	17 7	1 43
S 22	19 53	23 32	2 4	21 19	2 5	16 35	1 32	6 54	2 15	20 51	0 32	3 44	2 10	3 2	0 48	17 7	1 43
M 23	19 39	26 7	3 3	20 54	2 5	16 12	1 33	7 2	2 16	20 52	0 32	3 42	2 10	3 3	0 48	17 7	1 43
T 24	19 25	27 17	3 54	20 28	2 5	15 48	1 33	7 9	2 16	20 54	0 32	3 40	2 10	3 3	0 48	17 7	1 43
W 25	19 11	26 49	4 32	20 0	2 4	15 24	1 33	7 17	2 17	20 56	0 33	3 38	2 10	3 4	0 48	17 8	1 43
T 26	18 56	24 36	4 55	19 31	2 3	14 59	1 33	7 24	2 17	20 58	0 33	3 35	2 10	3 4	0 48	17 8	1 43
F 27	18 41	20 45	4 59	19 0	2 1	14 34	1 33	7 32	2 18	20 59	0 33	3 33	2 9	3 5	0 48	17 8	1 43
S 28	18 26	15 36	4 44	18 27	1 58	14 8	1 33	7 39	2 18	21 1	0 33	3 30	2 9	3 6	0 48	17 8	1 44
S 29	18 10	9 31	4 10	17 53	1 55	13 42	1 33	7 46	2 19	21 3	0 33	3 28	2 9	3 6	0 48	17 8	1 44
M 30	17 54	2 56	3 19	17 18	1 52	13 16	1 33	7 53	2 19	21 5	0 33	3 26	2 9	3 7	0 48	17 9	1 44
T 31	17s38	3s43	2n16	16s41	1s48	12s49	1s32	8s 0	2n20	21n 6	0n33	3s23	2s 9	3n 8	0n48	17s 9	1n44

Julian Day Number = 2439491.5, Delta T = 37.43 sec  
Ecliptic obliquity = 23°26'43, Nutation = - 0°00'11, out-of-bounds declination in red  
Ayanamsha: Fagan/Bradley = 24°16'46, Lahiri = 23°23'46

# ASTRODIENST EPHEMERIS for the year 1967

## geocentric

FEBRUARY 1967

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	8 42 3	11°25'38	28°59	21°15	1°31	26°41	27°R54	26°32	23°R57	24°M12	20°R15	11°R33	11°841	4°Y 7	23°K13	W 1
T 2	8 46 0	12°26'31	12°M57	23° 0	2°46	27° 0	27°547	26°38	23°M55	24°12	20°M14	11°833	11°38	4°13	23°16	T 2
F 3	8 49 56	13°27'24	26°39	24°45	4° 0	27°19	27°39	26°45	23°53	24°13	20°12	11°32	11°34	4°20	23°19	F 3
S 4	8 53 53	14°28'16	10°X 7	26°30	5°15	27°38	27°32	26°51	23°51	24°14	20°11	11°31	11°31	4°27	23°22	S 4
S 5	8 57 49	15°29'07	23°22	28°14	6°30	27°56	27°24	26°57	23°50	24°14	20°10	11°26	11°28	4°33	23°25	S 5
M 6	9 1 46	16°29'58	6°325	29°57	7°45	28°14	27°17	27° 3	23°48	24°15	20° 9	11°19	11°25	4°40	23°28	M 6
T 7	9 5 42	17°30'47	19°16	1°X39	8°59	28°32	27°10	27° 9	23°46	24°16	20° 7	11° 9	11°22	4°47	23°31	T 7
W 8	9 9 39	18°31'35	1°X57	3°20	10°14	28°49	27° 3	27°16	23°44	24°16	20° 6	10°56	11°18	4°53	23°34	W 8
T 9	9 13 36	19°32'22	14°28	4°58	11°29	29° 5	26°56	27°22	23°42	24°17	20° 5	10°42	11°15	5° 0	23°37	T 9
F 10	9 17 32	20°33'08	26°47	6°33	12°43	29°21	26°49	27°29	23°40	24°17	20° 3	10°28	11°12	5° 7	23°40	F 10
S 11	9 21 29	21°33'52	8°X57	8° 6	13°58	29°37	26°42	27°35	23°38	24°18	20° 2	10°14	11° 9	5°13	23°43	S 11
S 12	9 25 25	22°34'35	20°57	9°35	15°13	29°52	26°36	27°42	23°36	24°18	20° 1	10° 3	11° 6	5°20	23°47	S 12
M13	9 29 22	23°35'17	2°Y49	11° 0	16°27	0°M 7	26°29	27°48	23°34	24°19	19°59	9°55	11° 3	5°27	23°50	M13
T 14	9 33 18	24°35'56	14°37	12°20	17°42	0°21	26°23	27°55	23°31	24°19	19°58	9°49	10°59	5°33	23°53	T 14
W15	9 37 15	25°36'35	26°24	13°34	18°56	0°35	26°17	28° 2	23°29	24°20	19°57	9°46	10°56	5°40	23°56	W15
T 16	9 41 11	26°37'11	8°B15	14°42	20°11	0°48	26°11	28° 8	23°27	24°20	19°55	9°D45	10°53	5°47	24° 0	T 16
F 17	9 45 8	27°37'46	20°13	15°43	21°25	1° 1	26° 5	28°15	23°25	24°20	19°54	9°46	10°50	5°54	24° 3	F 17
S 18	9 49 4	28°38'19	2°II26	16°37	22°39	1°13	25°59	28°22	23°22	24°20	19°52	9°R46	10°47	6° 0	24° 6	S 18
S 19	9 53 1	29°38'50	14°58	17°22	23°54	1°25	25°53	28°29	23°20	24°21	19°51	9°45	10°44	6° 7	24°10	S 19
M20	9 56 58	0°X39'20	27°55	17°58	25° 8	1°36	25°48	28°36	23°18	24°21	19°49	9°41	10°40	6°14	24°13	M20
T 21	10 0 54	1°39'48	11°519	18°24	26°22	1°47	25°42	28°43	23°15	24°21	19°48	9°36	10°37	6°20	24°16	T 21
W22	10 4 51	2°40'13	25°13	18°41	27°36	1°57	25°37	28°50	23°13	24°21	19°46	9°28	10°34	6°27	24°20	W22
T 23	10 8 47	3°40'37	9°J35	18°R48	28°51	2° 6	25°32	28°57	23°11	24°21	19°45	9°18	10°31	6°34	24°23	T 23
F 24	10 12 44	4°41'00	24°21	18°45	0°Y 5	2°15	25°27	29° 4	23° 8	24°21	19°43	9° 8	10°28	6°40	24°27	F 24
S 25	10 16 40	5°41'20	9°M22	18°32	1°19	2°23	25°23	29°11	23° 6	24°R21	19°42	8°58	10°24	6°47	24°30	S 25
S 26	10 20 37	6°41'39	24°30	18° 9	2°33	2°31	25°18	29°18	23° 3	24°21	19°40	8°50	10°21	6°54	24°33	S 26
M27	10 24 33	7°41'56	9°J34	17°38	3°47	2°38	25°14	29°25	23° 1	24°21	19°39	8°44	10°18	7° 0	24°37	M27
T 28	10 28 30	8°X42'11	24°J25	16°X58	5°Y 1	2°M45	25°10	29°X32	22°M58	24°M21	19°M37	8°B41	10°B15	7°Y 7	24°X40	T 28

Day	☉	☾		♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
W 1	17s21	10s 5	1n 6	16s 3	1s43	12s22	1s32	8s 6	2n21	21n 8	0n33	3s21	2s 9	3n 8	0n48	17s 9	1n44	17n48	15n12	15n18	15n20	1s15	0n43	3n43			
T 2	17 4	15 51	0s 7	15 23	1 37	11 55	1 32	8 13	2 21	21 9	0 33	3 18	2 9	3 9	0 48	17 9	1 44	17 49	15 13	15 18	15 19	1 12	0 44	3 43			
F 3	16 47	20 42	1 19	14 43	1 31	11 27	1 31	8 19	2 22	21 11	0 33	3 16	2 9	3 10	0 48	17 9	1 44	17 50	15 13	15 18	15 19	1 8	0 45	3 43			
S 4	16 30	24 21	2 25	14 1	1 25	10 59	1 30	8 25	2 22	21 13	0 34	3 13	2 8	3 10	0 48	17 9	1 44	17 50	15 13	15 17	15 18	1 5	0 46	3 42			
S 5	16 12	26 38	3 21	13 18	1 17	10 31	1 30	8 31	2 23	21 14	0 34	3 11	2 8	3 11	0 48	17 9	1 44	17 51	15 14	15 16	15 17	1 2	0 47	3 42			
M 6	15 54	27 24	4 7	12 34	1 9	10 3	1 29	8 37	2 23	21 16	0 34	3 8	2 8	3 12	0 48	17 10	1 44	17 52	15 14	15 14	15 16	0 58	0 48	3 42			
T 7	15 35	26 39	4 39	11 49	1 0	9 34	1 28	8 43	2 24	21 17	0 34	3 5	2 8	3 13	0 48	17 10	1 44	17 53	15 14	15 11	15 15	0 55	0 49	3 42			
W 8	15 17	24 32	4 56	11 4	0 50	9 5	1 27	8 48	2 24	21 19	0 34	3 3	2 8	3 14	0 48	17 10	1 44	17 54	15 15	15 7	15 14	0 52	0 50	3 42			
T 9	14 58	21 16	4 59	10 19	0 40	8 36	1 27	8 54	2 25	21 20	0 34	3 0	2 8	3 14	0 48	17 10	1 44	17 54	15 15	15 2	15 13	0 49	0 51	3 42			
F 10	14 39	17 6	4 48	9 33	0 29	8 6	1 26	8 59	2 25	21 21	0 34	2 57	2 8	3 15	0 48	17 10	1 44	17 55	15 15	14 58	15 12	0 45	0 52	3 41			
S 11	14 19	12 17	4 24	8 48	0 17	7 36	1 24	9 4	2 26	21 23	0 34	2 55	2 8	3 16	0 48	17 10	1 44	17 56	15 16	14 54	15 11	0 42	0 54	3 41			
S 12	14 0	7 5	3 48	8 3	0 4	7 7	1 23	9 9	2 26	21 24	0 34	2 52	2 8	3 17	0 48	17 10	1 44	17 57	15 16	14 50	15 10	0 39	0 55	3 41			
M13	13 40	1 40	3 2	7 18	0n 9	6 37	1 22	9 14	2 27	21 25	0 34	2 49	2 7	3 18	0 48	17 10	1 44	17 58	15 16	14 47	15 9	0 35	0 56	3 41			
T 14	13 20	3n47	2 9	6 35	0 23	6 6	1 21	9 18	2 27	21 27	0 34	2 47	2 7	3 19	0 48	17 10	1 44	17 58	15 17	14 46	15 8	0 32	0 57	3 41			
W15	12 59	9 6	1 10	5 53	0 37	5 36	1 20	9 22	2 28	21 28	0 34	2 44	2 7	3 19	0 48	17 10	1 45	17 59	15 17	14 45	15 7	0 29	0 58	3 41			
T 16	12 39	14 8	0 8	5 13	0 52	5 5	1 18	9 27	2 28	21 29	0 34	2 41	2 7	3 20	0 48	17 10	1 45	18 0	15 17	14 45	15 6	0 26	0 59	3 40			
F 17	12 18	18 42	0n55	4 36	1 8	4 35	1 17	9 30	2 29	21 30	0 35	2 38	2 7	3 21	0 48	17 10	1 45	18 1	15 17	14 45	15 5	0 22	1 0	3 40			
S 18	11 57	22 34	1 58	4 1	1 23	4 4	1 15	9 34	2 29	21 31	0 35	2 36	2 7	3 22	0 48	17 10	1 45	18 2	15 18	14 45	15 4	0 19	1 2	3 40			
S 19	11 36	25 30	2 56	3 29	1 39	3 33	1 13	9 38	2 30	21 33	0 35	2 33	2 7	3 23	0 48	17 10	1 45	18 2	15 18	14 44	15 3	0 16	1 3	3 40			
M20	11 15	27 13	3 47	3 0	1 54	3 2	1 12	9 41	2 30	21 34	0 35	2 30	2 7	3 24	0 48	17 10	1 45	18 3	15 18	14 43	15 2	0 12	1 4	3 40			
T 21	10 53	27 24	4 27	2 36	2 10	2 31	1 10	9 45	2 30	21 35	0 35	2 27	2 7	3 25	0 48	17 10	1 45	18 4	15 18	14 41	15 1	0 9	1 5	3 40			
W22	10 32	25 55	4 54	2 16	2 24	2 0	1 8	9 48	2 31	21 36	0 35	2 24	2 7	3 26	0 48	17 10	1 45	18 5	15 18	14 39	15 0	0 6	1 6	3 40			
T 23	10 10	22 43	5 3	2 0	2 39	1 29	1 6	9 51	2 31	21 37	0 35	2 22	2 7	3 27	0 48	17 10	1 45	18 6	15 19	14 36	14 59	0 2	1 8	3 39			
F 24	9 48	18 0	4 53	1 49	2 52	0 57	1 5	9 53	2 31	21 38	0 35	2 19	2 7	3 28	0 48	17 10	1 45	18 6	15 19	14 33	14 58	0n 1	1 9	3 39			
S 25	9 26	12 6	4 22	1 43	3 4	0 26	1 3	9 56	2 32	21 38	0 35	2 16	2 7	3 29	0 48	17 10	1 45	18 7	15 19	14 29	14 57	0 4	1 10	3 39			
S 26	9 3	5 26	3 33	1 42	3 15	0n 5	1 1	9 58	2 32	21 39	0 35	2 13	2 7	3 30	0 48	17 10	1 45	18 8	15 19	14 27	14 56	0 8	1 11	3 39			
M27	8 41	1s30	2 29	1 45	3 24	0 37	0 58	10 0	2 33	21 40	0 35	2 10	2 7	3 31	0 48	17 10	1 45	18 9	15 19	14 25	14 55	0 11	1 13	3 39			
T 28	8s19	8s18	1n15	1s54	3n32	1n 8	0s56	10s 2	2n33	21n41	0n35	2s 7	2s 6	3n32	0n48	17s10	1n45	18n10	15n20	14n24	14n54	0n14	1n14	3n39			

Julian Day Number = 2439522.5, Delta T = 37.50 sec

Ecliptic obliquity = 23°26'44, Nutation = - 0°00'10, out-of-bounds declination in red

Ayanamsha: Fagan/Bradley = 24°16'50, Lahiri = 23°23'50



ASTRODIENST EPHEMERIS for the year 1967  
geocentric

APRIL 1967

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	12 34 40	10°34'26	29°54	12°47	14°8 0	29°R47	24°36	3°29	21°R36	24°R 2	18°R47	7°R13	8°R33	10°Y40	26°K35	S 1
S 2	12 38 36	11°33'38	13°5	13°49	15°12	29°30	24°38	3°36	21°34	24°R 1	18°R45	7°R13	8°30	10°47	26°38	S 2
M 3	12 42 33	12°32'49	25°54	14°54	16°24	29°12	24°41	3°44	21°31	24° 0	18°44	7°13	8°27	10°53	26°42	M 3
T 4	12 46 29	13°31'58	8°25	16° 1	17°36	28°53	24°43	3°51	21°29	23°58	18°42	7°11	8°24	11° 0	26°45	T 4
W 5	12 50 26	14°31'05	20°41	17°10	18°48	28°34	24°46	3°58	21°27	23°57	18°41	7° 8	8°21	11° 7	26°49	W 5
T 6	12 54 23	15°30'10	2°46	18°22	19°59	28°14	24°49	4° 6	21°24	23°56	18°40	7° 5	8°17	11°13	26°52	T 6
F 7	12 58 19	16°29'13	14°43	19°35	21°11	27°54	24°52	4°13	21°22	23°55	18°38	7° 1	8°14	11°20	26°56	F 7
S 8	13 2 16	17°28'15	26°35	20°51	22°23	27°33	24°55	4°20	21°20	23°54	18°37	6°58	8°11	11°27	26°59	S 8
S 9	13 6 12	18°27'14	8°23	22° 9	23°34	27°12	24°58	4°28	21°18	23°52	18°36	6°55	8° 8	11°33	27° 2	S 9
M10	13 10 9	19°26'11	20°11	23°29	24°46	26°51	25° 2	4°35	21°15	23°51	18°34	6°53	8° 5	11°40	27° 6	M10
T 11	13 14 5	20°25'07	2° 0	24°50	25°57	26°29	25° 5	4°42	21°13	23°50	18°33	6°D53	8° 1	11°47	27° 9	T 11
W12	13 18 2	21°24'00	13°53	26°14	27° 8	26° 7	25° 9	4°50	21°11	23°49	18°32	6°53	7°58	11°53	27°12	W12
T 13	13 21 58	22°22'52	25°51	27°39	28°20	25°45	25°13	4°57	21° 9	23°47	18°30	6°53	7°55	12° 0	27°16	T 13
F 14	13 25 55	23°21'41	7°II58	29° 6	29°31	25°22	25°18	5° 4	21° 7	23°46	18°29	6°55	7°52	12° 7	27°19	F 14
S 15	13 29 52	24°20'28	20°17	0°Y35	0°II42	25° 0	25°22	5°12	21° 5	23°45	18°28	6°56	7°49	12°13	27°22	S 15
S 16	13 33 48	25°19'13	2°51	2° 5	1°53	24°37	25°27	5°19	21° 3	23°43	18°27	6°57	7°46	12°20	27°26	S 16
M17	13 37 45	26°17'56	15°43	3°38	3° 3	24°14	25°31	5°26	21° 1	23°42	18°25	6°57	7°42	12°27	27°29	M17
T 18	13 41 41	27°16'36	28°56	5°11	4°14	23°51	25°36	5°33	20°59	23°40	18°24	6°R58	7°39	12°33	27°32	T 18
W19	13 45 38	28°15'14	12°234	6°47	5°25	23°28	25°41	5°40	20°57	23°39	18°23	6°57	7°36	12°40	27°35	W19
T 20	13 49 34	29°13'50	26°36	8°24	6°35	23° 6	25°46	5°47	20°55	23°38	18°22	6°57	7°33	12°47	27°39	T 20
F 21	13 53 31	0°8'12'24	11°3	10° 3	7°46	22°43	25°52	5°54	20°53	23°36	18°21	6°56	7°30	12°53	27°42	F 21
S 22	13 57 27	1°10'55	25°50	11°44	8°56	22°20	25°57	6° 1	20°51	23°35	18°20	6°55	7°27	13° 0	27°45	S 22
S 23	14 1 24	2° 9'25	10°52	13°26	10° 6	21°58	26° 3	6° 8	20°50	23°33	18°19	6°55	7°23	13° 7	27°48	S 23
M24	14 5 20	3° 7'52	26° 1	15°10	11°17	21°36	26° 9	6°15	20°48	23°32	18°18	6°55	7°20	13°13	27°51	M24
T 25	14 9 17	4° 6'17	11°1	16°56	12°27	21°14	26°15	6°22	20°46	23°30	18°17	6°D55	7°17	13°20	27°54	T 25
W26	14 13 14	5° 4'41	26° 3	18°43	13°36	20°53	26°21	6°29	20°44	23°29	18°16	6°55	7°14	13°27	27°57	W26
T 27	14 17 10	6° 3'03	10°39	20°32	14°46	20°32	26°27	6°36	20°43	23°27	18°15	6°55	7°11	13°33	28° 0	T 27
F 28	14 21 7	7° 1'24	24°51	22°23	15°56	20°11	26°34	6°43	20°41	23°26	18°14	6°R55	7° 7	13°40	28° 3	F 28
S 29	14 25 3	7°59'42	8°36	24°15	17° 5	19°51	26°40	6°50	20°40	23°24	18°13	6°55	7° 4	13°47	28° 6	S 29
S 30	14 29 0	8°58'00	21°55	26°Y 9	18°II15	19°31	26°47	6°Y56	20°38	23°R23	18°R12	6°55	7° 1	13°Y53	28°K 9	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
S 1	4n11	27s37	4s10	8s15	1s37	16n35	0n34	9s 9	2n25	21n47	0n35	0s33	2s 7	4n 4	0n48	17s 3	1n47	18n30	15n20	13n55	14n21	2n 0	1n57	3n37	
S 2	4 34	27 34	4 47	7 59	1 45	17 0	0 37	9 4	2 24	21 47	0 35	0 30	2 7	4 5	0 48	17 3	1 47	18 30	15 20	13 56	14 20	2 4	1 59	3 37	
M 3	4 58	26 1	5 8	7 40	1 52	17 24	0 40	8 58	2 22	21 47	0 35	0 27	2 7	4 6	0 48	17 3	1 47	18 31	15 20	13 55	14 19	2 7	2 0	3 37	
T 4	5 21	23 13	5 14	7 20	1 58	17 47	0 44	8 53	2 21	21 46	0 35	0 24	2 7	4 7	0 48	17 3	1 47	18 31	15 20	13 55	14 18	2 10	2 1	3 37	
W 5	5 43	19 26	5 6	6 59	2 4	18 10	0 47	8 47	2 20	21 46	0 35	0 22	2 7	4 8	0 48	17 2	1 47	18 32	15 20	13 54	14 17	2 14	2 3	3 37	
T 6	6 6	14 54	4 44	6 36	2 10	18 33	0 50	8 42	2 19	21 45	0 35	0 19	2 7	4 9	0 48	17 2	1 47	18 32	15 19	13 53	14 16	2 17	2 4	3 37	
F 7	6 29	9 51	4 9	6 11	2 15	18 55	0 53	8 36	2 17	21 45	0 35	0 16	2 7	4 10	0 48	17 2	1 47	18 33	15 19	13 52	14 15	2 20	2 6	3 37	
S 8	6 52	4 29	3 24	5 46	2 19	19 17	0 56	8 30	2 16	21 44	0 35	0 13	2 7	4 11	0 48	17 1	1 47	18 33	15 19	13 51	14 14	2 24	2 7	3 37	
S 9	7 14	1n 1	2 31	5 18	2 23	19 38	1 0	8 24	2 14	21 43	0 35	0 10	2 7	4 11	0 48	17 1	1 47	18 33	15 19	13 50	14 13	2 27	2 8	3 37	
M10	7 36	6 29	1 31	4 50	2 26	19 59	1 3	8 18	2 12	21 43	0 35	0 7	2 7	4 12	0 48	17 1	1 47	18 34	15 19	13 49	14 12	2 30	2 10	3 37	
T 11	7 59	11 45	0 27	4 20	2 29	20 19	1 6	8 11	2 11	21 42	0 35	0 4	2 7	4 13	0 48	17 0	1 47	18 34	15 18	13 49	14 11	2 34	2 11	3 37	
W12	8 21	16 38	0n39	3 49	2 32	20 39	1 9	8 5	2 9	21 41	0 35	0 2	2 7	4 14	0 48	17 0	1 47	18 34	15 18	13 49	14 10	2 37	2 12	3 37	
T 13	8 43	20 54	1 43	3 17	2 33	20 58	1 12	7 59	2 7	21 41	0 35	0n 1	2 7	4 15	0 48	16 59	1 47	18 35	15 18	13 49	14 9	2 40	2 14	3 37	
F 14	9 5	24 20	2 44	2 43	2 35	21 16	1 15	7 52	2 5	21 40	0 35	0 4	2 7	4 16	0 48	16 59	1 47	18 35	15 18	13 49	14 8	2 44	2 15	3 37	
S 15	9 26	26 43	3 38	2 9	2 35	21 34	1 18	7 46	2 3	21 39	0 35	0 7	2 7	4 16	0 48	16 59	1 47	18 35	15 18	13 50	14 7	2 47	2 16	3 37	
S 16	9 48	27 48	4 23	1 33	2 36	21 52	1 21	7 39	2 1	21 38	0 35	0 10	2 8	4 17	0 48	16 58	1 47	18 36	15 17	13 50	14 6	2 50	2 18	3 37	
M17	10 9	27 25	4 56	0 56	2 35	22 9	1 24	7 33	1 59	21 37	0 35	0 12	2 8	4 18	0 48	16 58	1 47	18 36	15 17	13 50	14 5	2 54	2 19	3 37	
T 18	10 30	25 30	5 14	0 18	2 35	22 25	1 27	7 27	1 57	21 36	0 35	0 15	2 8	4 19	0 48	16 58	1 47	18 36	15 17	13 50	14 4	2 57	2 20	3 37	
W19	10 51	22 5	5 16	0n21	2 33	22 41	1 30	7 20	1 55	21 35	0 35	0 18	2 8	4 19	0 48	16 57	1 47	18 36	15 17	13 50	14 3	3 0	2 22	3 37	
T 20	11 12	17 20	4 59	1 1	2 31	22 56	1 33	7 14	1 53	21 34	0 35	0 20	2 8	4 20	0 48	16 57	1 48	18 36	15 16	13 50	14 2	3 3	2 23	3 37	
F 21	11 33	11 29	4 23	1 42	2 29	23 11	1 36	7 8	1 50	21 33	0 35	0 23	2 8	4 21	0 48	16 57	1 48	18 37	15 16	13 50	14 1	3 7	2 24	3 37	
S 22	11 53	4 51	3 29	2 24	2 26	23 25	1 39	7 2	1 48	21 32	0 35	0 26	2 8	4 21	0 48	16 56	1 48	18 37	15 16	13 50	14 0	3 10	2 26	3 37	
S 23	12 14	2s10	2 20	3 7	2 23	23 38	1 41	6 56	1 46	21 31	0 35	0 29	2 8	4 22	0 48	16 56	1 48	18 37	15 16	13 50	13 59	3 13	2 27	3 37	
M24	12 34	9 7	1 0	3 50	2 19	23 51	1 44	6 50	1 43	21 30	0 35	0 31	2 8	4 23	0 48	16 55	1 48	18 37	15 15	13 49	13 58	3 17	2 28	3 37	
T 25	12 53	15 32	0s23	4 35	2 14	24 3	1 47	6 44	1 41	21 29	0 35	0 34	2 9	4 23	0 48	16 55	1 48	18 37	15 15	13 49	13 57	3 20	2 29	3 37	
W26	13 13	20 58	1 44	5 20	2 9	24 15	1 49	6 38	1 38	21 28	0 35	0 36	2 9	4 24	0 48	16 55	1 48	18 37	15 15	13 49	13 56	3 23	2 31	3 37	
T 27	13 32	24 58	2 57	6 6	2 4	24 26	1 52	6 32	1 36	21 27	0 35	0 39	2 9	4 25	0 48	16 54	1 48	18 38	15 14	13 50	13 55	3 27	2 32	3 37	
F 28	13 52	27 17	3 56	6 53	1 58	24 36	1 54	6 27	1 33	21 25	0 35	0 42	2 9	4 25	0 48	16 54	1 48	18 38	15 14	13 50	13 54	3 30	2 33	3 37	
S 29	14 11	27 49	4 40	7 41	1 52	24 45	1 57	6 22	1 31	21 24	0 35	0 44	2 9	4 26	0 48	16 53	1 48	18 38	15 14	13 50	13 53	3 33	2 34	3 38	
S 30	14n29	26s43	5s 7	8n29	1s45	24n54	1n59	6s17	1n28	21n23	0n35	0n47	2s 9	4n26	0n48	16s53	1n48	18n38	15n14	13n49	13n52	3n37	2n35	3n38	

ASTRODIENST EPHEMERIS for the year 1967  
geocentric

MAY 1967

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	14 32 56	9♂56'15	4♂49	28♀ 5	19♂24	19°R12	26♂54	7♀ 3	20°R37	23°R21	18°R11	6°D55	6♂58	14♀ 0	28♂12	M 1
T 2	14 36 53	10°54'30	17°21	0♂ 3	20°34	18♂53	27° 1	7°10	20♂35	23♂19	18♂10	6♂55	6°55	14° 7	28°15	T 2
W 3	14 40 50	11°52'42	29°36	2° 2	21°43	18°35	27° 8	7°16	20°34	23°18	18° 9	6°55	6°52	14°13	28°18	W 3
T 4	14 44 46	12°50'54	11♂38	4° 3	22°52	18°18	27°15	7°23	20°33	23°16	18° 8	6°55	6°48	14°20	28°20	T 4
F 5	14 48 43	13°49'03	23°31	6° 5	24° 0	18° 1	27°23	7°30	20°32	23°15	18° 8	6°56	6°45	14°27	28°23	F 5
S 6	14 52 39	14°47'11	5♀20	8° 9	25° 9	17°44	27°30	7°36	20°30	23°13	18° 7	6°57	6°42	14°33	28°26	S 6
S 7	14 56 36	15°45'18	17° 7	10°15	26°18	17°29	27°38	7°43	20°29	23°11	18° 6	6°57	6°39	14°40	28°28	S 7
M 8	15 0 32	16°43'23	28°56	12°21	27°26	17°14	27°46	7°49	20°28	23°10	18° 6	6°58	6°36	14°46	28°31	M 8
T 9	15 4 29	17°41'27	10♂50	14°29	28°35	17° 0	27°54	7°55	20°27	23° 8	18° 5	6°R58	6°33	14°53	28°34	T 9
W10	15 8 25	18°39'29	22°51	16°38	29°43	16°46	28° 2	8° 2	20°26	23° 7	18° 4	6°58	6°29	15° 0	28°36	W10
T 11	15 12 22	19°37'29	5♂ 1	18°48	0♂51	16°34	28°10	8° 8	20°25	23° 5	18° 4	6°56	6°26	15° 6	28°39	T 11
F 12	15 16 18	20°35'28	17°22	20°58	1°59	16°22	28°18	8°14	20°24	23° 3	18° 3	6°55	6°23	15°13	28°41	F 12
S 13	15 20 15	21°33'25	29°54	23° 9	3° 6	16°11	28°26	8°20	20°23	23° 2	18° 3	6°53	6°20	15°20	28°44	S 13
S 14	15 24 12	22°31'21	12♂41	25°20	4°14	16° 0	28°35	8°26	20°23	23° 0	18° 2	6°51	6°17	15°26	28°46	S 14
M15	15 28 8	23°29'15	25°42	27°31	5°22	15°51	28°44	8°32	20°22	22°58	18° 2	6°49	6°13	15°33	28°49	M15
T 16	15 32 5	24°27'07	9♂ 0	29°41	6°29	15°42	28°52	8°38	20°21	22°57	18° 1	6°47	6°10	15°40	28°51	T 16
W17	15 36 1	25°24'57	22°35	1♂51	7°36	15°34	29° 1	8°44	20°20	22°55	18° 1	6°D47	6° 7	15°46	28°53	W17
T 18	15 39 58	26°22'46	6♂29	4° 0	8°43	15°27	29°10	8°50	20°20	22°54	18° 0	6°47	6° 4	15°53	28°56	T 18
F 19	15 43 54	27°20'32	20°41	6° 7	9°50	15°21	29°19	8°56	20°19	22°52	18° 0	6°48	6° 1	16° 0	28°58	F 19
S 20	15 47 51	28°18'17	5♂ 9	8°13	10°56	15°15	29°28	9° 2	20°19	22°50	18° 0	6°49	5°58	16° 6	29° 0	S 20
S 21	15 51 48	29°16'01	19°50	10°17	12° 3	15°11	29°38	9° 7	20°18	22°49	17°59	6°50	5°54	16°13	29° 2	S 21
M22	15 55 44	0♂13'42	4♂38	12°20	13° 9	15° 7	29°47	9°13	20°18	22°47	17°59	6°R51	5°51	16°20	29° 4	M22
T 23	15 59 41	1°11'23	19°29	14°20	14°15	15° 4	29°57	9°19	20°18	22°45	17°59	6°51	5°48	16°26	29° 6	T 23
W24	16 3 37	2° 9'02	4♂13	16°17	15°21	15° 1	0♂ 6	9°24	20°17	22°44	17°59	6°49	5°45	16°33	29° 8	W24
T 25	16 7 34	3° 6'40	18°45	18°13	16°26	15° 0	0°16	9°30	20°17	22°42	17°59	6°46	5°42	16°40	29°10	T 25
F 26	16 11 30	4° 4'17	2♂57	20° 5	17°32	14°D59	0°26	9°35	20°17	22°41	17°58	6°42	5°39	16°46	29°12	F 26
S 27	16 15 27	5° 1'53	16°46	21°55	18°37	14°59	0°36	9°40	20°17	22°39	17°58	6°38	5°35	16°53	29°14	S 27
S 28	16 19 23	5°59'27	0♂ 9	23°43	19°42	15° 0	0°46	9°46	20°17	22°37	17°58	6°34	5°32	17° 0	29°16	S 28
M29	16 23 20	6°57'01	13° 7	25°27	20°47	15° 2	0°56	9°51	20°D17	22°36	17°58	6°31	5°29	17° 6	29°18	M29
T 30	16 27 17	7°54'34	25°43	27° 9	21°51	15° 4	1° 6	9°56	20°17	22°34	17°D58	6°29	5°26	17°13	29°19	T 30
W31	16 31 13	8♂52'06	8♂ 0	28♂48	22♂55	15♂ 7	1♂16	10♀ 1	20♂17	22♂33	17♂58	6°D28	5♂23	17♀20	29♂21	W31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
M 1	14n48	24s12	5s17	9n17	1s37	25n 2	2n 2	6s12	1n26	21n22	0n35	0n49	2s 9	4n27	0n48	16s53
T 2	15 6	20 35	5 12	10 6	1 29	25 10	2 4	6 7	1 23	21 20	0 35	0 52	2 9	4 27	0 47	16 52
W 3	15 24	16 11	4 53	10 55	1 21	25 17	2 6	6 3	1 20	21 19	0 35	0 54	2 10	4 28	0 47	16 52
T 4	15 42	11 14	4 21	11 44	1 12	25 23	2 8	5 59	1 18	21 17	0 35	0 57	2 10	4 28	0 47	16 51
F 5	15 59	5 55	3 39	12 33	1 3	25 29	2 10	5 55	1 15	21 16	0 35	0 59	2 10	4 29	0 47	16 51
S 6	16 17	0 26	2 47	13 23	0 54	25 34	2 12	5 51	1 12	21 14	0 35	1 2	2 10	4 29	0 47	16 51
S 7	16 34	5n 4	1 48	14 12	0 44	25 38	2 14	5 47	1 10	21 13	0 35	1 4	2 10	4 30	0 47	16 50
M 8	16 50	10 24	0 44	15 0	0 34	25 41	2 16	5 44	1 7	21 11	0 35	1 6	2 10	4 30	0 47	16 50
T 9	17 7	15 25	0n21	15 48	0 24	25 44	2 18	5 41	1 4	21 10	0 35	1 9	2 10	4 30	0 47	16 49
W10	17 23	19 54	1 27	16 36	0 14	25 46	2 19	5 39	1 2	21 8	0 35	1 11	2 11	4 31	0 47	16 49
T 11	17 39	23 35	2 29	17 22	0 3	25 48	2 21	5 36	0 59	21 7	0 35	1 13	2 11	4 31	0 47	16 49
F 12	17 54	26 15	3 25	18 7	0n 7	25 48	2 23	5 34	0 56	21 5	0 35	1 16	2 11	4 31	0 47	16 48
S 13	18 9	27 39	4 13	18 51	0 18	25 48	2 24	5 32	0 54	21 3	0 35	1 18	2 11	4 32	0 47	16 48
S 14	18 24	27 37	4 48	19 34	0 28	25 48	2 25	5 31	0 51	21 1	0 35	1 20	2 11	4 32	0 47	16 47
M15	18 39	26 5	5 10	20 14	0 39	25 47	2 27	5 29	0 49	21 0	0 35	1 22	2 11	4 32	0 47	16 47
T 16	18 53	23 5	5 16	20 53	0 49	25 45	2 28	5 28	0 46	20 58	0 35	1 25	2 12	4 33	0 47	16 46
W17	19 7	18 46	5 4	21 30	0 58	25 42	2 29	5 28	0 43	20 56	0 35	1 27	2 12	4 33	0 47	16 46
T 18	19 21	13 23	4 35	22 4	1 8	25 39	2 30	5 27	0 41	20 54	0 35	1 29	2 12	4 33	0 47	16 46
F 19	19 34	7 11	3 48	22 36	1 17	25 35	2 31	5 27	0 38	20 52	0 35	1 31	2 12	4 33	0 47	16 45
S 20	19 47	0 30	2 46	23 5	1 25	25 30	2 31	5 27	0 36	20 50	0 35	1 33	2 12	4 33	0 47	16 45
S 21	20 0	6s20	1 33	23 32	1 33	25 25	2 32	5 28	0 33	20 48	0 35	1 35	2 13	4 33	0 47	16 44
M22	20 12	12 53	0 12	23 56	1 40	25 20	2 33	5 29	0 31	20 46	0 35	1 37	2 13	4 34	0 47	16 44
T 23	20 24	18 43	1s 9	24 17	1 47	25 13	2 33	5 30	0 29	20 44	0 35	1 39	2 13	4 34	0 47	16 44
W24	20 36	23 22	2 25	24 36	1 52	25 6	2 33	5 31	0 26	20 42	0 35	1 41	2 13	4 34	0 47	16 43
T 25	20 47	26 28	3 30	24 52	1 58	24 58	2 33	5 33	0 24	20 40	0 35	1 43	2 13	4 34	0 47	16 43
F 26	20 58	27 46	4 21	25 6	2 2	24 50	2 34	5 34	0 22	20 38	0 35	1 45	2 14	4 34	0 47	16 43
S 27	21 9	27 16	4 55	25 17	2 5	24 41	2 34	5 37	0 19	20 36	0 35	1 47	2 14	4 34	0 46	16 42
S 28	21 19	25 11	5 11	25 26	2 8	24 32	2 33	5 39	0 17	20 34	0 35	1 49	2 14	4 34	0 46	16 42
M29	21 29	21 51	5 11	25 32	2 10	24 22	2 33	5 42	0 15	20 32	0 35	1 51	2 14	4 34	0 46	16 41
T 30	21 38	17 35	4 56	25 36	2 11	24 11	2 33	5 45	0 13	20 30	0 35	1 52	2 14	4 34	0 46	16 41
W31	21n47	12s42	4s27	25n38	2n12	24n 0	2n32	5s48	0n10	20n27	0n35	1n54	2s15	4n34	0n46	16s41

Julian Day Number = 2439611.5, Delta T = 37.71 sec  
Ecliptic obliquity = 23°26'44, Nutation = - 0°00'11, out-of-bounds declination in red  
Ayanamsha: Fagan/Bradley = 24°17'02, Lahiri = 23°24'03



# ASTRODIENST EPHEMERIS for the year 1967

## geocentric

JUNE 1967

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	16 35 10	9II49'37	20H 2	0024	2425 0	1511	1027	10Y 6	20M 17	22R31	17M 58	6829	5819	17Y26	29H23	T 1
F 2	16 39 6	10°47'07	1Y55	1°56	25° 3	15°16	1°37	10°11	20°17	22M30	17°58	6°30	5°16	17°33	29°24	F 2
S 3	16 43 3	11°44'37	13°43	3°26	26° 7	15°21	1°47	10°16	20°17	22°28	17°59	6°32	5°13	17°40	29°26	S 3
S 4	16 46 59	12°42'05	25°31	4°53	27°10	15°27	1°58	10°20	20°18	22°27	17°59	6°33	5°10	17°46	29°28	S 4
M 5	16 50 56	13°39'33	7824	6°17	28°13	15°34	2° 9	10°25	20°18	22°25	17°59	6°R34	5° 7	17°53	29°29	M 5
T 6	16 54 52	14°37'01	19°25	7°38	29°16	15°41	2°20	10°30	20°18	22°24	17°59	6°33	5° 4	17°59	29°30	T 6
W 7	16 58 49	15°34'27	1II36	8°55	0019	15°49	2°30	10°34	20°19	22°22	17°59	6°30	5° 0	18° 6	29°32	W 7
T 8	17 2 46	16°31'53	14° 1	10°10	1°21	15°58	2°41	10°39	20°19	22°21	18° 0	6°26	4°57	18°13	29°33	T 8
F 9	17 6 42	17°29'18	26°39	11°21	2°23	16° 7	2°52	10°43	20°20	22°19	18° 0	6°20	4°54	18°19	29°34	F 9
S 10	17 10 39	18°26'42	9231	12°29	3°25	16°18	3° 3	10°47	20°21	22°18	18° 0	6°13	4°51	18°26	29°36	S 10
S 11	17 14 35	19°24'05	22°38	13°33	4°26	16°28	3°15	10°52	20°21	22°17	18° 1	6° 6	4°48	18°33	29°37	S 11
M12	17 18 32	20°21'27	5058	14°34	5°27	16°40	3°26	10°56	20°22	22°15	18° 1	5°59	4°45	18°39	29°38	M12
T 13	17 22 28	21°18'49	19°30	15°32	6°28	16°52	3°37	11° 0	20°23	22°14	18° 1	5°54	4°41	18°46	29°39	T 13
W14	17 26 25	22°16'09	3M 13	16°26	7°28	17° 4	3°48	11° 4	20°24	22°12	18° 2	5°50	4°38	18°53	29°40	W14
T 15	17 30 21	23°13'28	17° 8	17°16	8°28	17°18	4° 0	11° 8	20°25	22°11	18° 2	5°D49	4°35	18°59	29°41	T 15
F 16	17 34 18	24°10'46	1112	18° 3	9°28	17°31	4°11	11°12	20°25	22°10	18° 3	5°49	4°32	19° 6	29°42	F 16
S 17	17 38 15	25° 8'04	15°25	18°45	10°27	17°46	4°23	11°15	20°26	22° 8	18° 3	5°50	4°29	19°13	29°43	S 17
S 18	17 42 11	26° 5'20	29°45	19°24	11°26	18° 1	4°35	11°19	20°27	22° 7	18° 4	5°R51	4°25	19°19	29°44	S 18
M19	17 46 8	27° 2'36	14M 10	19°59	12°24	18°16	4°46	11°22	20°29	22° 6	18° 5	5°50	4°22	19°26	29°44	M19
T 20	17 50 4	27°59'51	28°36	20°29	13°22	18°32	4°58	11°26	20°30	22° 5	18° 5	5°49	4°19	19°33	29°45	T 20
W21	17 54 1	28°57'05	12X58	20°55	14°20	18°49	5°10	11°29	20°31	22° 3	18° 6	5°44	4°16	19°39	29°46	W21
T 22	17 57 57	29°54'19	27°12	21°17	15°17	19° 6	5°22	11°33	20°32	22° 2	18° 7	5°38	4°13	19°46	29°46	T 22
F 23	18 1 54	0051'33	1111	21°34	16°13	19°24	5°34	11°36	20°33	22° 1	18° 7	5°30	4°10	19°53	29°47	F 23
S 24	18 5 51	1°48'46	24°52	21°47	17°10	19°42	5°46	11°39	20°35	22° 0	18° 8	5°20	4° 6	19°59	29°48	S 24
S 25	18 9 47	2°45'59	811	21°55	18° 5	20° 0	5°58	11°42	20°36	21°59	18° 9	5°11	4° 3	20° 6	29°48	S 25
M26	18 13 44	3°43'12	21° 8	21°R59	19° 1	20°19	6°10	11°45	20°38	21°58	18°10	5° 3	4° 0	20°12	29°48	M26
T 27	18 17 40	4°40'24	3H44	21°58	19°55	20°39	6°22	11°48	20°39	21°56	18°11	4°57	3°57	20°19	29°49	T 27
W28	18 21 37	5°37'37	16° 1	21°52	20°49	20°59	6°34	11°50	20°41	21°55	18°12	4°53	3°54	20°26	29°49	W28
T 29	18 25 33	6°34'49	28° 4	21°42	21°43	21°20	6°46	11°53	20°42	21°54	18°13	4°51	3°51	20°32	29°49	T 29
F 30	18 29 30	7232'02	9Y58	2128	22036	2140	6058	11Y56	20M44	21M53	18M13	4°D51	3047	20Y39	29H49	F 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
T 1	21n56	7s26	3s47	25n38	2n11	23n48	2n32	5s51	0n 8	20n25	0n35	1n56	2s15	4n34	0n46	16s40	1n48	18n32	15n 1	13n41	13n18	5n23	3n 8	3n41			
F 2	22 4	1 58	2 58	25 36	2 10	23 36	2 31	5 55	0 6	20 23	0 35	1 58	2 15	4 33	0 46	16 40	1 48	18 32	15 1	13 41	13 17	5 26	3 8	3 41			
S 3	22 12	3n33	2 2	25 32	2 8	23 23	2 30	5 59	0 4	20 20	0 35	1 59	2 15	4 33	0 46	16 40	1 48	18 31	15 1	13 42	13 16	5 30	3 9	3 41			
S 4	22 20	8 56	1 0	25 27	2 5	23 10	2 29	6 3	0 2	20 18	0 35	2 1	2 15	4 33	0 46	16 39	1 48	18 31	15 0	13 43	13 15	5 33	3 10	3 41			
M 5	22 27	14 3	0n 5	25 20	2 2	22 56	2 28	6 8	0s 0	20 16	0 35	2 3	2 16	4 33	0 46	16 39	1 48	18 30	15 0	13 43	13 14	5 36	3 11	3 41			
T 6	22 33	18 42	1 9	25 11	1 58	22 42	2 26	6 12	0 2	20 13	0 35	2 4	2 16	4 33	0 46	16 38	1 48	18 30	14 59	13 42	13 13	5 40	3 11	3 41			
W 7	22 40	22 39	2 12	25 1	1 52	22 27	2 25	6 17	0 4	20 11	0 35	2 6	2 16	4 33	0 46	16 38	1 47	18 30	14 59	13 42	13 12	5 43	3 12	3 42			
T 8	22 46	25 37	3 9	24 50	1 47	22 12	2 23	6 22	0 6	20 8	0 35	2 7	2 16	4 32	0 46	16 38	1 47	18 29	14 59	13 40	13 11	5 46	3 13	3 42			
F 9	22 51	27 22	3 58	24 37	1 40	21 56	2 22	6 28	0 8	20 6	0 35	2 9	2 17	4 32	0 46	16 37	1 47	18 29	14 58	13 38	13 10	5 49	3 13	3 42			
S 10	22 57	27 42	4 36	24 24	1 32	21 40	2 20	6 33	0 10	20 3	0 35	2 10	2 17	4 32	0 46	16 37	1 47	18 28	14 58	13 36	13 8	5 53	3 14	3 42			
S 11	23 1	26 29	5 0	24 9	1 24	21 23	2 18	6 39	0 12	20 1	0 35	2 12	2 17	4 31	0 46	16 37	1 47	18 28	14 57	13 33	13 7	5 56	3 15	3 42			
M12	23 6	23 46	5 9	23 54	1 16	21 6	2 16	6 45	0 13	19 58	0 36	2 13	2 17	4 31	0 46	16 36	1 47	18 27	14 57	13 31	13 6	5 59	3 15	3 42			
T 13	23 10	19 43	5 0	23 38	1 6	20 49	2 13	6 52	0 15	19 56	0 36	2 15	2 18	4 31	0 46	16 36	1 47	18 26	14 57	13 29	13 5	6 3	3 16	3 42			
W14	23 13	14 35	4 34	23 21	0 56	20 31	2 11	6 58	0 17	19 53	0 36	2 16	2 18	4 30	0 46	16 36	1 47	18 26	14 56	13 28	13 4	6 6	3 16	3 42			
T 15	23 16	8 39	3 52	23 4	0 45	20 13	2 8	7 5	0 19	19 50	0 36	2 17	2 18	4 30	0 46	16 35	1 47	18 25	14 56	13 28	13 3	6 9	3 17	3 43			
F 16	23 19	2 13	2 56	22 47	0 33	19 54	2 5	7 12	0 20	19 47	0 36	2 18	2 18	4 30	0 46	16 35	1 47	18 25	14 55	13 28	13 2	6 13	3 17	3 43			
S 17	23 21	4s25	1 48	22 29	0 21	19 35	2 2	7 19	0 22	19 45	0 36	2 20	2 19	4 29	0 46	16 35	1 47	18 24	14 55	13 28	13 1	6 16	3 18	3 43			
S 18	23 23	10 52	0 33	22 11	0 8	19 16	1 59	7 26	0 24	19 42	0 36	2 21	2 19	4 29	0 46	16 35	1 47	18 24	14 54	13 28	13 0	6 19	3 18	3 43			
M19	23 25	16 48	0s45	21 52	0s 5	18 56	1 56	7 33	0 25	19 39	0 36	2 22	2 19	4 28	0 45	16 34	1 47	18 23	14 54	13 28	12 59	6 23	3 19	3 43			
T 20	23 26	21 48	1 59	21 34	0 19	18 36	1 52	7 41	0 27	19 36	0 36	2 23	2 19	4 28	0 45	16 34	1 47	18 22	14 54	13 28	12 58	6 26	3 19	3 43			
W21	23 26	25 26	3 6	21 16	0 34	18 16	1 49	7 49	0 28	19 34	0 36	2 24	2 20	4 27	0 45	16 34	1 47	18 22	14 53	13 26	12 57	6 29	3 19	3 43			
T 22	23 27	27 25	4 0	20 58	0 49	17 56	1 45	7 57	0 30	19 31	0 36	2 25	2 20	4 27	0 45	16 33	1 47	18 21	14 53	13 24	12 56	6 32	3 20	3 44			
F 23	23 27	27 36	4 39	20 40	1 4	17 35	1 41	8 5	0 31	19 28	0 36	2 26	2 20	4 26	0 45	16 33	1 47	18 20	14 52	13 21	12 55	6 36	3 20	3 44			
S 24	23 26	26 5	5 0	20 22	1 20	17 14	1 37	8 13	0 33	19 25	0 36	2 27	2 20	4 26	0 45	16 33	1 47	18 20	14 52	13 18	12 53	6 39	3 20	3 44			
S 25	23 25	23 8	5 5	20 5	1 35	16 53	1 33	8 21	0 34	19 22	0 36	2 28	2 21	4 25	0 45	16 33	1 47	18 19	14 52	13 15	12 52	6 42	3 21	3 44			
M26	23 24	19 5	4 54	19 49	1 51	16 31	1 28	8 30	0 36	19 19	0 36	2 29	2 21	4 24	0 45	16 32	1 47	18 18	14 51	13 13	12 51	6 46	3 21	3 44			
T 27	23 22	14 18	4 28	19 33	2 8	16 10	1 23	8 39	0 37	19 16	0 36	2 30	2 21	4 24	0 45	16 32	1 47	18 18	14 51	13 11	12 50	6 49	3 21	3 44			
W28	23 20	9 3	3 51	19 18	2 24	15 48	1 19	8 47	0 39	19 13	0 36	2 31	2 21	4 23	0 45	16 32	1 47	18 17	14 50	13 9	12 49	6 52	3 22	3 45			
T 29	23 17	3 34	3 4	19 4	2 40	15 26	1 14	8 56	0 40	19 10	0 36	2 32	2 22	4 23	0 45	16 32	1 47	18 16	14 50	13 9	12 48	6 56	3 22	3 45			
F 30	23n14	1n58	2s 9	18n51	2s55	15n 4	1n 8	9s 5	0s41	19n 7	0n36	2n32	2s22	4n22	0n45	16s32	1n47	18n15	14n50	13n 8	12n47	6n59	3n22	3n45			

# ASTRODIENST EPHEMERIS for the year 1967

## geocentric

JULY 1967

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	18 33 26	8°29'15	21°46	21°R10	23°28	22°2	7°11	11°58	20°46	21°R52	18°14	4°51	3°44	20°46	29°50	S 1
S 2	18 37 23	9°26'28	3°36	20°47	24°20	22°24	7°23	12° 1	20°47	21°51	18°15	4°R52	3°41	20°52	29°50	S 2
M 3	18 41 20	10°23'41	15°32	20°21	25°11	22°46	7°36	12° 3	20°49	21°50	18°16	4°51	3°38	20°59	29°R50	M 3
T 4	18 45 16	11°20'54	27°38	19°52	26° 2	23° 8	7°48	12° 5	20°51	21°49	18°18	4°49	3°35	21° 6	29°50	T 4
W 5	18 49 13	12°18'07	9°15	19°20	26°52	23°31	8° 1	12° 7	20°53	21°48	18°19	4°44	3°31	21°12	29°50	W 5
T 6	18 53 9	13°15'21	22°36	18°46	27°41	23°55	8°13	12° 9	20°55	21°48	18°20	4°37	3°28	21°19	29°50	T 6
F 7	18 57 6	14°12'34	5°32	18°10	28°29	24°19	8°26	12°11	20°57	21°47	18°21	4°27	3°25	21°26	29°49	F 7
S 8	19 1 2	15° 9'48	18°46	17°33	29°17	24°43	8°38	12°13	20°59	21°46	18°22	4°16	3°22	21°32	29°49	S 8
S 9	19 4 59	16° 7'02	2°17	16°55	0°4	25° 7	8°51	12°14	21° 1	21°45	18°23	4° 5	3°19	21°39	29°49	S 9
M10	19 8 55	17° 4'16	16° 1	16°17	0°50	25°32	9° 4	12°16	21° 3	21°44	18°24	3°54	3°16	21°46	29°49	M10
T 11	19 12 52	18° 1'30	29°56	15°40	1°35	25°58	9°16	12°18	21° 5	21°44	18°26	3°45	3°12	21°52	29°48	T 11
W12	19 16 49	18°58'44	13°57	15° 4	2°19	26°24	9°29	12°19	21° 7	21°43	18°27	3°39	3° 9	21°59	29°48	W12
T 13	19 20 45	19°55'57	28° 3	14°31	3° 2	26°50	9°42	12°20	21° 9	21°42	18°28	3°35	3° 6	22° 6	29°47	T 13
F 14	19 24 42	20°53'11	12°10	14° 0	3°45	27°16	9°55	12°21	21°12	21°42	18°30	3°34	3° 3	22°12	29°47	F 14
S 15	19 28 38	21°50'25	26°18	13°32	4°26	27°43	10° 8	12°22	21°14	21°41	18°31	3°34	3° 0	22°19	29°46	S 15
S 16	19 32 35	22°47'38	10°25	13° 8	5° 6	28°10	10°20	12°23	21°16	21°40	18°32	3°34	2°57	22°25	29°45	S 16
M17	19 36 31	23°44'52	24°31	12°48	5°45	28°37	10°33	12°24	21°19	21°40	18°34	3°32	2°53	22°32	29°45	M17
T 18	19 40 28	24°42'06	8°33	12°32	6°24	29° 5	10°46	12°25	21°21	21°39	18°35	3°29	2°50	22°39	29°44	T 18
W19	19 44 24	25°39'20	22°30	12°21	7° 0	29°33	10°59	12°26	21°24	21°39	18°37	3°23	2°47	22°45	29°43	W19
T 20	19 48 21	26°36'35	6°19	12°D16	7°36	0°1	11°12	12°26	21°26	21°38	18°38	3°14	2°44	22°52	29°42	T 20
F 21	19 52 18	27°33'50	19°57	12°16	8°11	0°30	11°25	12°27	21°29	21°38	18°40	3° 3	2°41	22°59	29°42	F 21
S 22	19 56 14	28°31'05	3°20	12°22	8°44	0°59	11°38	12°27	21°31	21°37	18°41	2°51	2°37	23° 5	29°41	S 22
S 23	20 0 11	29°28'21	16°26	12°33	9°15	1°28	11°51	12°28	21°34	21°37	18°43	2°39	2°34	23°12	29°40	S 23
M24	20 4 7	0°25'37	29°14	12°50	9°46	1°58	12° 4	12°28	21°37	21°37	18°44	2°28	2°31	23°19	29°39	M24
T 25	20 8 4	1°22'54	11°44	13°13	10°15	2°27	12°17	12°R28	21°39	21°36	18°46	2°18	2°28	23°25	29°37	T 25
W26	20 12 0	2°20'12	23°58	13°42	10°42	2°57	12°30	12°28	21°42	21°36	18°47	2°12	2°25	23°32	29°36	W26
T 27	20 15 57	3°17'31	5°59	14°17	11° 8	3°28	12°43	12°28	21°45	21°36	18°49	2° 8	2°22	23°39	29°35	T 27
F 28	20 19 53	4°14'51	17°52	14°58	11°32	3°58	12°57	12°27	21°48	21°36	18°51	2° 6	2°18	23°45	29°34	F 28
S 29	20 23 50	5°12'11	29°40	15°44	11°54	4°29	13°10	12°27	21°51	21°35	18°52	2° 6	2°15	23°52	29°33	S 29
S 30	20 27 47	6° 9'33	11°30	16°36	12°15	5° 0	13°23	12°27	21°53	21°35	18°54	2° 5	2°12	23°59	29°31	S 30
M31	20 31 43	7° 6'56	23°27	17°34	12°34	5°32	13°36	12°27	21°56	21°35	18°56	2° 5	2° 9	24° 5	29°30	M31

Day	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
S 1	23n10	7n25	1s 9	18n39	3s11	14n41	1n 3	9s15	0s43	19n 4	0n36	2n33	2s22	4n21	0n45	16s31
S 2	23 7 12 37	0 7	18 27	3 25	14 19	0 57	9 24	0 44	19 1	0 36	2 34	2 22	4 20	0 45	16 31	1 47
M 3	23 22 17 24	0n57	18 17	3 39	13 56	0 51	9 33	0 45	18 57	0 36	2 34	2 23	4 20	0 45	16 31	1 47
T 4	22 58 21 33	1 58	18 8	3 53	13 33	0 45	9 43	0 47	18 54	0 36	2 35	2 23	4 19	0 45	16 31	1 46
W 5	22 53 24 51	2 56	18 1	4 5	13 11	0 39	9 53	0 48	18 51	0 36	2 36	2 23	4 18	0 45	16 31	1 46
T 6	22 47 26 59	3 45	17 54	4 16	12 48	0 33	10 2	0 49	18 48	0 36	2 36	2 24	4 17	0 45	16 30	1 46
F 7	22 41 27 44	4 25	17 49	4 26	12 25	0 26	10 12	0 50	18 45	0 36	2 37	2 24	4 17	0 45	16 30	1 46
S 8	22 35 26 56	4 51	17 46	4 34	12 2	0 19	10 22	0 51	18 41	0 36	2 37	2 24	4 16	0 45	16 30	1 46
S 9	22 28 24 33	5 2	17 43	4 41	11 39	0 12	10 32	0 53	18 38	0 36	2 37	2 24	4 15	0 45	16 30	1 46
M10	22 21 20 44	4 55	17 42	4 47	11 16	0 5	10 43	0 54	18 35	0 36	2 38	2 25	4 14	0 45	16 30	1 46
T 11	22 14 15 44	4 31	17 43	4 51	10 53	0s 2	10 53	0 55	18 32	0 36	2 38	2 25	4 13	0 45	16 30	1 46
W12	22 6 9 52	3 51	17 44	4 53	10 30	0 10	11 3	0 56	18 28	0 36	2 38	2 25	4 12	0 45	16 29	1 46
T 13	21 58 3 28	2 56	17 47	4 54	10 7	0 18	11 14	0 57	18 25	0 37	2 39	2 26	4 11	0 45	16 29	1 46
F 14	21 49 3s 7	1 51	17 52	4 53	9 44	0 26	11 24	0 58	18 21	0 37	2 39	2 26	4 10	0 44	16 29	1 46
S 15	21 40 9 33	0 38	17 57	4 50	9 21	0 34	11 35	0 59	18 18	0 37	2 39	2 26	4 9	0 44	16 29	1 46
S 16	21 31 15 31	0s36	18 3	4 46	8 59	0 43	11 46	1 0	18 15	0 37	2 39	2 26	4 8	0 44	16 29	1 46
M17	21 21 20 39	1 49	18 11	4 40	8 36	0 52	11 56	1 1	18 11	0 37	2 39	2 27	4 7	0 44	16 29	1 46
T 18	21 11 24 36	2 54	18 19	4 33	8 14	1 1	12 7	1 2	18 8	0 37	2 39	2 27	4 7	0 44	16 29	1 46
W19	21 1 27 2	3 48	18 29	4 25	7 52	1 10	12 18	1 3	18 4	0 37	2 39	2 27	4 5	0 44	16 29	1 46
T 20	20 50 27 46	4 28	18 38	4 15	7 30	1 19	12 29	1 4	18 1	0 37	2 39	2 27	4 4	0 44	16 29	1 46
F 21	20 39 26 47	4 53	18 49	4 5	7 8	1 29	12 40	1 5	17 57	0 37	2 39	2 28	4 3	0 44	16 29	1 46
S 22	20 28 24 17	5 0	19 0	3 53	6 46	1 39	12 51	1 6	17 54	0 37	2 39	2 28	4 2	0 44	16 29	1 46
S 23	20 16 20 33	4 52	19 11	3 41	6 25	1 49	13 2	1 7	17 50	0 37	2 39	2 28	4 1	0 44	16 29	1 45
M24	20 4 15 56	4 29	19 23	3 28	6 4	1 59	13 13	1 8	17 46	0 37	2 39	2 29	4 0	0 44	16 28	1 45
T 25	19 51 10 45	3 53	19 34	3 14	5 44	2 10	13 24	1 9	17 43	0 37	2 38	2 29	3 59	0 44	16 28	1 45
W26	19 39 5 16	3 7	19 45	3 0	5 23	2 20	13 35	1 9	17 39	0 37	2 38	2 29	3 58	0 44	16 28	1 45
T 27	19 26 0n20	2 14	19 56	2 46	5 4	2 31	13 46	1 10	17 35	0 37	2 38	2 29	3 57	0 44	16 28	1 45
F 28	19 12 5 52	1 15	20 7	2 31	4 44	2 43	13 58	1 11	17 32	0 37	2 37	2 30	3 56	0 44	16 28	1 45
S 29	18 58 11 9	0 13	20 17	2 15	4 25	2 54	14 9	1 12	17 28	0 37	2 37	2 30	3 55	0 44	16 28	1 45
S 30	18 44 16 4	0n50	20 25	2 0	4 6	3 6	14 20	1 13	17 24	0 37	2 37	2 30	3 53	0 44	16 28	1 45
M31	18n30	20n25	1n51	20n33	1s45	3n48	3s17	14s31	1s13	17n21	0n38	2n36	2s31	3n52	0n44	16s28

Julian Day Number = 2439672.5, Delta T = 37.86 sec  
 Ecliptic obliquity = 23°26'44, Nutation = - 0°00'09, out-of-bounds declination in red  
 Ayanamsha: Fagan/Bradley = 24°17'11, Lahiri = 23°24'11



ASTRODIENST EPHEMERIS for the year 1967  
geocentric

AUGUST 1967

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	20 35 40	8♌ 4'20	5♊36	18♍38	12♍51	6♋ 3	13♌49	12°R25	21♍59	21°R35	18♍57	2°R 2	2♌ 6	24°Y12	29°R29	T 1
W 2	20 39 36	9° 1'45	18° 1	19°47	13° 6	6°35	14° 2	12°Y25	22° 2	21♋35	18°59	1♌58	2° 2	24°18	29°K27	W 2
T 3	20 43 33	9°59'11	0♌48	21° 1	13°19	7° 7	14°15	12°24	22° 5	21°35	19° 1	1°50	1°59	24°25	29°26	T 3
F 4	20 47 29	10°56'38	13°56	22°21	13°31	7°39	14°29	12°23	22° 8	21°D35	19° 3	1°41	1°56	24°32	29°24	F 4
S 5	20 51 26	11°54'07	27°28	23°45	13°40	8°12	14°42	12°22	22°11	21°35	19° 5	1°30	1°53	24°38	29°22	S 5
S 6	20 55 22	12°51'36	11♌20	25°14	13°47	8°45	14°55	12°21	22°15	21°35	19° 6	1°18	1°50	24°45	29°21	S 6
M 7	20 59 19	13°49'06	25°29	26°48	13°51	9°18	15° 8	12°19	22°18	21°35	19° 8	1° 7	1°47	24°52	29°19	M 7
T 8	21 3 16	14°46'37	9♍49	28°26	13°54	9°51	15°21	12°18	22°21	21°35	19°10	0°58	1°43	24°58	29°17	T 8
W 9	21 7 12	15°44'09	24°14	0♌ 8	13°R54	10°25	15°35	12°17	22°24	21°35	19°12	0°51	1°40	25° 5	29°16	W 9
T 10	21 11 9	16°41'42	8♌40	1°54	13°52	10°59	15°48	12°15	22°27	21°36	19°14	0°47	1°37	25°12	29°14	T 10
F 11	21 15 5	17°39'16	23° 1	3°42	13°48	11°32	16° 1	12°13	22°31	21°36	19°16	0°46	1°34	25°18	29°12	F 11
S 12	21 19 2	18°36'51	7♋16	5°34	13°41	12° 7	16°14	12°12	22°34	21°36	19°18	0°D45	1°31	25°25	29°10	S 12
S 13	21 22 58	19°34'26	21°21	7°28	13°32	12°41	16°27	12°10	22°37	21°36	19°20	0°R46	1°28	25°32	29° 8	S 13
M14	21 26 55	20°32'03	5♌17	9°25	13°20	13°16	16°40	12° 8	22°40	21°37	19°22	0°45	1°24	25°38	29° 6	M14
T 15	21 30 51	21°29'40	19° 3	11°23	13° 6	13°50	16°54	12° 6	22°44	21°37	19°23	0°42	1°21	25°45	29° 4	T 15
W16	21 34 48	22°27'18	2♌39	13°22	12°50	14°25	17° 7	12° 4	22°47	21°37	19°25	0°37	1°18	25°51	29° 2	W16
T 17	21 38 45	23°24'58	16° 4	15°23	12°31	15° 1	17°20	12° 2	22°51	21°38	19°27	0°29	1°15	25°58	29° 0	T 17
F 18	21 42 41	24°22'38	29°18	17°24	12°10	15°36	17°33	11°59	22°54	21°38	19°29	0°19	1°12	26° 5	28°58	F 18
S 19	21 46 38	25°20'20	12♌19	19°25	11°47	16°11	17°46	11°57	22°57	21°39	19°31	0° 8	1° 8	26°11	28°56	S 19
S 20	21 50 34	26°18'03	25° 7	21°27	11°22	16°47	17°59	11°54	23° 1	21°39	19°34	29°Y57	1° 5	26°18	28°54	S 20
M21	21 54 31	27°15'47	7♋40	23°28	10°54	17°23	18°12	11°52	23° 4	21°40	19°36	29°47	1° 2	26°25	28°51	M21
T 22	21 58 27	28°13'33	20° 0	25°29	10°25	17°59	18°26	11°49	23° 8	21°40	19°38	29°39	0°59	26°31	28°49	T 22
W23	22 2 24	29°11'20	2°Y 7	27°29	9°54	18°36	18°39	11°46	23°11	21°41	19°40	29°33	0°56	26°38	28°47	W23
T 24	22 6 20	0♍ 9'08	14° 4	29°29	9°22	19°12	18°52	11°44	23°15	21°42	19°42	29°29	0°53	26°45	28°45	T 24
F 25	22 10 17	1° 6'59	25°54	1♍28	8°48	19°49	19° 5	11°41	23°18	21°42	19°44	29°D28	0°49	26°51	28°42	F 25
S 26	22 14 14	2° 4'51	7♌41	3°25	8°14	20°25	19°18	11°38	23°22	21°43	19°46	29°28	0°46	26°58	28°40	S 26
S 27	22 18 10	3° 2'45	19°30	5°22	7°38	21° 2	19°31	11°35	23°26	21°44	19°48	29°29	0°43	27° 5	28°38	S 27
M28	22 22 7	4° 0'40	1♌26	7°18	7° 1	21°40	19°44	11°31	23°29	21°44	19°50	29°R30	0°40	27°11	28°35	M28
T 29	22 26 3	4°58'38	13°34	9°12	6°25	22°17	19°57	11°28	23°33	21°45	19°52	29°29	0°37	27°18	28°33	T 29
W30	22 30 0	5°56'37	26° 0	11° 5	5°47	22°54	20°10	11°25	23°37	21°46	19°54	29°27	0°34	27°25	28°30	W30
T 31	22 33 56	6♍54'38	8♌48	12♍57	5♍10	23♋32	20♌22	11°Y21	23♍40	21♋47	19♍56	29°Y23	0♌30	27°Y31	28°K28	T 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
T 1	18n15	23n59	2n48	20n40	1s30	3n31	3s29	14s43	1s14	17n17	0n38	2n36	2s31	3n51	0n44	16s29
W 2	18 0	26 31	3 38	20 46	1 14	3 14	3 41	14 54	1 15	17 13	0 38	2 35	2 31	3 50	0 44	16 29
T 3	17 45	27 45	4 19	20 49	1 0	2 57	3 54	15 5	1 16	17 10	0 38	2 35	2 31	3 49	0 44	16 29
F 4	17 29	27 28	4 47	20 51	0 45	2 42	4 6	15 16	1 16	17 6	0 38	2 34	2 32	3 47	0 44	16 29
S 5	17 14	25 35	5 0	20 51	0 31	2 27	4 19	15 28	1 17	17 2	0 38	2 33	2 32	3 46	0 44	16 29
S 6	16 57	22 8	4 57	20 49	0 17	2 12	4 31	15 39	1 18	16 58	0 38	2 33	2 32	3 45	0 44	16 29
M 7	16 41	17 20	4 35	20 45	0 3	1 59	4 44	15 50	1 19	16 54	0 38	2 32	2 32	3 44	0 44	16 29
T 8	16 24	11 31	3 55	20 38	0n 9	1 46	4 57	16 1	1 19	16 51	0 38	2 31	2 33	3 42	0 44	16 29
W 9	16 7	5 3	3 1	20 29	0 21	1 34	5 10	16 13	1 20	16 47	0 38	2 30	2 33	3 41	0 44	16 29
T 10	15 50	1s41	1 54	20 17	0 33	1 23	5 22	16 24	1 20	16 43	0 38	2 29	2 33	3 40	0 44	16 29
F 11	15 33	8 19	0 41	20 2	0 44	1 13	5 35	16 35	1 21	16 39	0 38	2 29	2 33	3 38	0 44	16 29
S 12	15 15	14 29	0s35	19 45	0 53	1 4	5 48	16 46	1 22	16 35	0 38	2 28	2 34	3 37	0 44	16 29
S 13	14 57	19 50	1 47	19 25	1 3	0 55	6 1	16 57	1 22	16 31	0 38	2 27	2 34	3 36	0 44	16 30
M14	14 39	24 1	2 53	19 2	1 11	0 48	6 13	17 8	1 23	16 27	0 39	2 26	2 34	3 35	0 44	16 30
T 15	14 21	26 46	3 47	18 37	1 18	0 42	6 25	17 20	1 24	16 23	0 39	2 25	2 34	3 33	0 44	16 30
W16	14 2	27 53	4 28	18 10	1 24	0 37	6 37	17 31	1 24	16 20	0 39	2 24	2 35	3 32	0 44	16 30
T 17	13 43	27 20	4 54	17 40	1 30	0 34	6 49	17 41	1 25	16 16	0 39	2 23	2 35	3 30	0 43	16 30
F 18	13 24	25 14	5 3	17 8	1 35	0 31	7 1	17 52	1 25	16 12	0 39	2 21	2 35	3 29	0 43	16 30
S 19	13 5	21 51	4 56	16 34	1 39	0 29	7 12	18 3	1 26	16 8	0 39	2 20	2 35	3 28	0 43	16 31
S 20	12 45	17 28	4 35	15 58	1 42	0 29	7 22	18 14	1 26	16 4	0 39	2 19	2 36	3 26	0 43	16 31
M21	12 26	12 24	4 0	15 20	1 44	0 30	7 32	18 25	1 27	16 0	0 39	2 18	2 36	3 25	0 43	16 31
T 22	12 6	6 57	3 15	14 41	1 45	0 32	7 42	18 35	1 27	15 56	0 39	2 17	2 36	3 24	0 43	16 31
W23	11 46	1 19	2 21	14 0	1 46	0 35	7 50	18 46	1 28	15 52	0 39	2 15	2 36	3 22	0 43	16 31
T 24	11 25	4n18	1 22	13 19	1 46	0 40	7 59	18 57	1 28	15 48	0 39	2 14	2 37	3 21	0 43	16 32
F 25	11 5	9 43	0 19	12 36	1 45	0 45	8 6	19 7	1 29	15 44	0 40	2 13	2 37	3 19	0 43	16 32
S 26	10 44	14 46	0n44	11 52	1 44	0 52	8 13	19 17	1 29	15 40	0 40	2 11	2 37	3 18	0 43	16 32
S 27	10 23	19 18	1 46	11 8	1 42	0 59	8 18	19 28	1 30	15 36	0 40	2 10	2 37	3 16	0 43	16 32
M28	10 2	23 7	2 43	10 22	1 40	1 8	8 23	19 38	1 30	15 32	0 40	2 9	2 37	3 15	0 43	16 32
T 29	9 41	25 59	3 34	9 37	1 37	1 18	8 27	19 48	1 30	15 28	0 40	2 7	2 38	3 14	0 43	16 33
W30	9 20	27 40	4 17	8 51	1 33	1 28	8 31	19 58	1 31	15 24	0 40	2 6	2 38	3 12	0 43	16 33
T 31	8n59	27n56	4n48	8n 4	1n29	1n39	8s33	20s 8	1s31	15n20	0n40	2n 4	2s38	3n11	0n43	16s33

Julian Day Number = 2439703.5, Delta T = 37.93 sec  
Ecliptic obliquity = 23°26'44", Nutation = - 0°00'08", out-of-bounds declination in red  
Ayanamsha: Fagan/Bradley = 24°17'15", Lahiri = 23°24'15"

# ASTRODIENST EPHEMERIS for the year 1967

## geocentric

SEPTEMBER 1967

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	22 37 53	7♎52'41	22♎1	14♎48	4♎33	24♎10	20♎35	11♎18	23♎44	21♎48	19♎59	29♎17	0♎27	27♎38	28♎25	F 1
S 2	22 41 49	8♎50'46	5♎40	16♎37	3♎57	24♎48	20♎48	11♎15	23♎48	21♎49	20♎1	29♎10	0♎24	27♎44	28♎23	S 2
S 3	22 45 46	9♎48'53	19♎44	18♎26	3♎21	25♎26	21♎1	11♎11	23♎51	21♎50	20♎3	29♎2	0♎21	27♎51	28♎20	S 3
M 4	22 49 43	10♎47'02	4♎10	20♎13	2♎46	26♎4	21♎14	11♎7	23♎55	21♎51	20♎5	28♎54	0♎18	27♎58	28♎18	M 4
T 5	22 53 39	11♎45'12	18♎51	21♎58	2♎13	26♎43	21♎27	11♎4	23♎59	21♎52	20♎7	28♎48	0♎14	28♎4	28♎15	T 5
W 6	22 57 36	12♎43'23	3♎41	23♎43	1♎40	27♎21	21♎39	11♎0	24♎2	21♎53	20♎9	28♎43	0♎11	28♎11	28♎13	W 6
T 7	23 1 32	13♎41'37	18♎30	25♎26	1♎9	28♎0	21♎52	10♎56	24♎6	21♎54	20♎12	28♎41	0♎8	28♎18	28♎10	T 7
F 8	23 5 29	14♎39'52	3♎13	27♎9	0♎40	28♎39	22♎5	10♎52	24♎10	21♎55	20♎14	28♎D41	0♎5	28♎24	28♎7	F 8
S 9	23 9 25	15♎38'08	17♎43	28♎50	0♎13	29♎18	22♎17	10♎48	24♎14	21♎56	20♎16	28♎42	0♎2	28♎31	28♎5	S 9
S 10	23 13 22	16♎36'26	1♎58	0♎29	29♎48	29♎57	22♎30	10♎44	24♎17	21♎57	20♎18	28♎43	29♎59	28♎38	28♎2	S 10
M 11	23 17 18	17♎34'46	15♎56	2♎8	29♎24	0♎37	22♎42	10♎40	24♎21	21♎58	20♎20	28♎R44	29♎55	28♎44	27♎59	M 11
T 12	23 21 15	18♎33'07	29♎36	3♎46	29♎3	1♎16	22♎55	10♎36	24♎25	22♎0	20♎22	28♎43	29♎52	28♎51	27♎57	T 12
W 13	23 25 12	19♎31'30	13♎3	0	5♎22	28♎44	1♎56	23♎7	10♎31	24♎29	22♎1	20♎25	28♎41	29♎49	28♎58	W 13
T 14	23 29 8	20♎29'54	26♎8	6♎58	28♎28	2♎35	23♎20	10♎27	24♎32	22♎2	20♎27	28♎37	29♎46	29♎4	27♎51	T 14
F 15	23 33 5	21♎28'20	9♎2	8♎32	28♎13	3♎15	23♎32	10♎23	24♎36	22♎3	20♎29	28♎32	29♎43	29♎11	27♎49	F 15
S 16	23 37 1	22♎26'47	21♎43	10♎5	28♎1	3♎55	23♎44	10♎19	24♎40	22♎5	20♎31	28♎25	29♎40	29♎17	27♎46	S 16
S 17	23 40 58	23♎25'17	4♎12	11♎37	27♎52	4♎35	23♎57	10♎14	24♎44	22♎6	20♎33	28♎19	29♎36	29♎24	27♎43	S 17
M 18	23 44 54	24♎23'48	16♎29	13♎8	27♎45	5♎16	24♎9	10♎10	24♎48	22♎7	20♎36	28♎14	29♎33	29♎31	27♎40	M 18
T 19	23 48 51	25♎22'20	28♎37	14♎38	27♎40	5♎56	24♎21	10♎5	24♎51	22♎9	20♎38	28♎9	29♎30	29♎37	27♎38	T 19
W 20	23 52 47	26♎20'55	10♎35	16♎7	27♎D38	6♎37	24♎33	10♎1	24♎55	22♎10	20♎40	28♎6	29♎27	29♎44	27♎35	W 20
T 21	23 56 44	27♎19'32	22♎27	17♎35	27♎39	7♎17	24♎45	9♎56	24♎59	22♎12	20♎42	28♎D5	29♎24	29♎51	27♎32	T 21
F 22	0 0 41	28♎18'11	4♎15	19♎2	27♎41	7♎58	24♎57	9♎52	25♎3	22♎13	20♎44	28♎5	29♎20	29♎57	27♎29	F 22
S 23	0 4 37	29♎16'52	16♎2	20♎28	27♎46	8♎39	25♎9	9♎47	25♎6	22♎15	20♎46	28♎6	29♎17	0♎4	27♎27	S 23
S 24	0 8 34	0♎15'35	27♎51	21♎52	27♎53	9♎20	25♎21	9♎43	25♎10	22♎16	20♎49	28♎7	29♎14	0♎11	27♎24	S 24
M 25	0 12 30	1♎14'20	9♎17	23♎16	28♎3	10♎1	25♎33	9♎38	25♎14	22♎18	20♎51	28♎9	29♎11	0♎17	27♎21	M 25
T 26	0 16 27	2♎13'08	21♎54	24♎38	28♎14	10♎42	25♎45	9♎33	25♎18	22♎19	20♎53	28♎10	29♎8	0♎24	27♎19	T 26
W 27	0 20 23	3♎11'58	4♎18	25♎59	28♎28	11♎24	25♎56	9♎29	25♎22	22♎21	20♎55	28♎R11	29♎5	0♎31	27♎16	W 27
T 28	0 24 20	4♎10'50	17♎2	27♎19	28♎44	12♎5	26♎8	9♎24	25♎25	22♎22	20♎57	28♎10	29♎1	0♎37	27♎13	T 28
F 29	0 28 16	5♎9'45	0♎10	28♎37	29♎1	12♎47	26♎20	9♎19	25♎29	22♎24	20♎59	28♎9	28♎58	0♎44	27♎10	F 29
S 30	0 32 13	6♎8'41	13♎46	29♎54	29♎21	13♎28	26♎31	9♎15	25♎33	22♎26	21♎1	28♎Y6	28♎Y55	0♎50	27♎8	S 30

Day	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	8n37	26n40	5n5	7n18	1n25	1n51	8s34	20s18	1s32	15n16	0n40	2n3	2s38	3n9	0n43	16s34	F 1
S 2	8 15	27 47	5 5	6 31	1 20	2 4	8 35	20 27	1 32	15 12	0 40	2 1	2 38	3 8	0 43	16 34	S 2
S 3	7 53	19 27	4 48	5 44	1 15	2 17	8 34	20 37	1 32	15 8	0 40	2 0	2 39	3 6	0 43	16 34	S 3
M 4	7 32	13 53	4 12	4 57	1 10	2 30	8 33	20 47	1 33	15 4	0 41	1 58	2 39	3 5	0 43	16 34	M 4
T 5	7 9	7 27	3 18	4 10	1 5	2 44	8 31	20 56	1 33	15 0	0 41	1 56	2 39	3 3	0 43	16 35	T 5
W 6	6 47	0 32	2 11	3 24	0 59	2 58	8 27	21 5	1 33	14 56	0 41	1 55	2 39	3 2	0 43	16 35	W 6
T 7	6 25	6s25	0 55	2 37	0 52	3 13	8 23	21 14	1 34	14 52	0 41	1 53	2 39	3 0	0 43	16 35	T 7
F 8	6 2	12 58	0s25	1 50	0 46	3 27	8 19	21 23	1 34	14 48	0 41	1 51	2 39	2 59	0 43	16 36	F 8
S 9	5 40	18 45	1 41	1 4	0 40	3 42	8 13	21 32	1 34	14 44	0 41	1 50	2 40	2 57	0 43	16 36	S 9
S 10	5 17	23 21	2 51	0 18	0 33	3 56	8 7	21 41	1 34	14 40	0 41	1 48	2 40	2 56	0 43	16 36	S 10
M 11	4 55	26 29	3 48	0s27	0 26	4 10	8 0	21 50	1 35	14 36	0 41	1 46	2 40	2 54	0 43	16 37	M 11
T 12	4 32	27 58	4 32	1 13	0 19	4 24	7 53	21 58	1 35	14 32	0 41	1 44	2 40	2 53	0 43	16 37	T 12
W 13	4 9	27 46	4 59	1 57	0 12	4 38	7 45	22 6	1 35	14 28	0 42	1 43	2 40	2 51	0 43	16 38	W 13
T 14	3 46	26 0	5 10	2 42	0 4	4 52	7 37	22 15	1 35	14 24	0 42	1 41	2 40	2 50	0 43	16 38	T 14
F 15	3 23	22 54	5 6	3 26	0s3	5 5	7 28	22 23	1 36	14 20	0 42	1 39	2 40	2 48	0 43	16 38	F 15
S 16	3 0	18 46	4 46	4 9	0 11	5 18	7 19	22 31	1 36	14 16	0 42	1 37	2 41	2 47	0 43	16 39	S 16
S 17	2 37	13 53	4 12	4 53	0 18	5 30	7 9	22 38	1 36	14 12	0 42	1 35	2 41	2 45	0 43	16 39	S 17
M 18	2 14	8 31	3 28	5 35	0 26	5 42	6 59	22 46	1 36	14 8	0 42	1 34	2 41	2 44	0 43	16 39	M 18
T 19	1 50	2 55	2 34	6 17	0 33	5 53	6 49	22 53	1 36	14 4	0 42	1 32	2 41	2 42	0 43	16 40	T 19
W 20	1 27	2n45	1 34	6 59	0 41	6 3	6 38	23 0	1 37	14 1	0 42	1 30	2 41	2 41	0 43	16 40	W 20
T 21	1 4	8 16	0 31	7 39	0 49	6 13	6 28	23 7	1 37	13 57	0 43	1 28	2 41	2 39	0 43	16 41	T 21
F 22	0 41	13 28	0n34	8 20	0 57	6 22	6 17	23 14	1 37	13 53	0 43	1 26	2 41	2 38	0 43	16 41	F 22
S 23	0 17	18 11	1 37	8 59	1 4	6 31	6 6	23 21	1 37	13 49	0 43	1 24	2 41	2 36	0 43	16 42	S 23
S 24	0s6	22 14	2 36	9 38	1 12	6 39	5 55	23 27	1 37	13 45	0 43	1 23	2 41	2 35	0 43	16 42	S 24
M 25	0 30	25 23	3 30	10 16	1 19	6 46	5 44	23 34	1 37	13 41	0 43	1 21	2 41	2 33	0 43	16 42	M 25
T 26	0 53	27 26	4 14	10 54	1 27	6 53	5 33	23 40	1 37	13 37	0 43	1 19	2 41	2 32	0 43	16 43	T 26
W 27	1 16	28 11	4 48	11 30	1 35	6 58	5 22	23 46	1 38	13 33	0 43	1 17	2 42	2 30	0 43	16 43	W 27
T 28	1 40	27 28	5 9	12 6	1 42	7 4	5 11	23 52	1 38	13 30	0 44	1 15	2 42	2 29	0 43	16 44	T 28
F 29	2 3	25 15	5 15	12 41	1 49	7 8	5 0	23 57	1 38	13 26	0 44	1 13	2 42	2 27	0 43	16 44	F 29
S 30	2s26	21n32	5n4	13s15	1s56	7n12	4s49	24s2	1s38	13n22	0n44	1n11	2s42	2n26	0n43	16s45	S 30

Julian Day Number = 2439734.5, Delta T = 38.00 sec

Ecliptic obliquity = 23°26'45", Nutation = - 0°00'08", out-of-bounds declination in red

Ayanamsha: Fagan/Bradley = 24°17'19", Lahiri = 23°24'20"



ASTRODIENST EPHEMERIS for the year 1967  
geocentric

NOVEMBER 1967

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	2 38 23	7♏52°23	20♊15	9♏R21	21♏33	6♏35	1♏55	6♏R54	27♏24	23♏29	22♏3	27♏R57	27♏13	4♏23	25♏R53	W 1
T 2	2 42 19	8♏52°27	5♏26	8♏4	22°30	7°19	2°4	6♏Y51	27°27	23°31	22°5	27♏Y57	27°10	4°30	25♏K51	T 2
F 3	2 46 16	9♏52°32	20°39	6°47	23°27	8°4	2°12	6°47	27°30	23°33	22°6	27°56	27°7	4°36	25°49	F 3
S 4	2 50 12	10°52°40	5♏43	5°35	24°24	8°49	2°20	6°43	27°33	23°35	22°8	27°55	27°4	4°43	25°47	S 4
S 5	2 54 9	11°52°49	20°31	4°30	25°22	9°34	2°28	6°40	27°36	23°38	22°9	27°53	27°1	4°50	25°46	S 5
M 6	2 58 5	12°52°59	4♏55	3°32	26°20	10°19	2°36	6°37	27°39	23°40	22°11	27°52	26°57	4°56	25°44	M 6
T 7	3 2 2	13°53°11	18°52	2°45	27°19	11°4	2°44	6°33	27°42	23°42	22°13	27°50	26°54	5°3	25°42	T 7
W 8	3 5 59	14°53°25	2♏21	2°8	28°19	11°49	2°52	6°30	27°45	23°44	22°14	27°49	26°51	5°10	25°41	W 8
T 9	3 9 55	15°53°40	15°24	1°43	29°19	12°34	2°59	6°27	27°48	23°47	22°16	27°D48	26°48	5°16	25°39	T 9
F 10	3 13 52	16°53°57	28°4	1°29	0♏19	13°20	3°7	6°24	27°51	23°49	22°17	27°49	26°45	5°23	25°38	F 10
S 11	3 17 48	17°54°14	10♏26	1°D27	1°20	14°5	3°14	6°21	27°54	23°51	22°18	27°50	26°42	5°30	25°36	S 11
S 12	3 21 45	18°54°34	22°32	1°36	2°21	14°50	3°21	6°18	27°56	23°53	22°20	27°51	26°38	5°36	25°35	S 12
M13	3 25 41	19°54°55	4♏Y29	1°56	3°22	15°36	3°28	6°16	27°59	23°56	22°21	27°53	26°35	5°43	25°34	M13
T 14	3 29 38	20°55°17	16°19	2°24	4°24	16°21	3°35	6°13	28°2	23°58	22°23	27°54	26°32	5°50	25°32	T 14
W15	3 33 34	21°55°41	28°6	3°2	5°26	17°7	3°41	6°10	28°4	24°0	22°24	27°R55	26°29	5°56	25°31	W15
T 16	3 37 31	22°56°06	9♏54	3°47	6°29	17°52	3°48	6°8	28°7	24°2	22°25	27°54	26°26	6°3	25°30	T 16
F 17	3 41 28	23°56°33	21°44	4°39	7°32	18°38	3°54	6°6	28°9	24°5	22°26	27°52	26°23	6°9	25°29	F 17
S 18	3 45 24	24°57°01	3♏39	5°38	8°36	19°23	4°0	6°3	28°12	24°7	22°28	27°49	26°19	6°16	25°28	S 18
S 19	3 49 21	25°57°32	15°41	6°41	9°39	20°9	4°7	6°1	28°14	24°9	22°29	27°44	26°16	6°23	25°27	S 19
M20	3 53 17	26°58°03	27°51	7°49	10°44	20°55	4°12	5°59	28°17	24°11	22°30	27°39	26°13	6°29	25°26	M20
T 21	3 57 14	27°58°37	10♏11	9°1	11°48	21°41	4°18	5°57	28°19	24°14	22°31	27°34	26°10	6°36	25°25	T 21
W22	4 1 10	28°59°12	22°42	10°17	12°53	22°26	4°24	5°55	28°21	24°16	22°32	27°29	26°7	6°43	25°24	W22
T 23	4 5 7	29°59°49	5♏28	11°35	13°58	23°12	4°29	5°53	28°24	24°18	22°33	27°25	26°3	6°49	25°23	T 23
F 24	4 9 4	1♏0°27	18°29	12°56	15°3	23°58	4°35	5°52	28°26	24°20	22°34	27°23	26°0	6°56	25°22	F 24
S 25	4 13 0	2°1°07	1♏49	14°18	16°9	24°44	4°40	5°50	28°28	24°23	22°35	27°D22	25°57	7°3	25°22	S 25
S 26	4 16 57	3°1°49	15°29	15°43	17°15	25°30	4°45	5°49	28°30	24°25	22°36	27°23	25°54	7°9	25°21	S 26
M27	4 20 53	4°2°32	29°31	17°9	18°21	26°16	4°49	5°47	28°32	24°27	22°37	27°24	25°51	7°16	25°20	M27
T 28	4 24 50	5°3°17	13♏55	18°36	19°27	27°2	4°54	5°46	28°34	24°29	22°38	27°25	25°48	7°23	25°20	T 28
W29	4 28 46	6°4°04	28°37	20°4	20°34	27°49	4°58	5°45	28°36	24°32	22°39	27°R26	25°44	7°29	25°19	W29
T 30	4 32 43	7♏4°52	13♏34	21♏34	21♏41	28♏35	5♏3	5°Y44	28♏38	24♏34	22♏40	27°Y25	25°Y41	7♏36	25♏19	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 8	7s15	0n43	15s20	0s46	3n22	0n 1	24s52	1s35	11n34	0n49	0n18	2s40	1n42	0n44	17s 1	1n41	16n41	14n46	10n45	10n29	13n35	1n48	3n44	
T 2	14 28	13 59	0s41	14 36	0 25	3 6	0 8	24 49	1 35	11 31	0 50	0 16	2 40	1 41	0 44	17 2	1 41	16 41	14 46	10 45	10 28	13 39	1 47	3 44	
F 3	14 47	19 53	2 3	13 52	0 5	2 49	0 14	24 46	1 35	11 28	0 50	0 15	2 40	1 40	0 44	17 3	1 41	16 40	14 47	10 45	10 27	13 42	1 46	3 44	
S 4	15 6	24 27	3 15	13 9	0n16	2 32	0 20	24 43	1 34	11 25	0 50	0 14	2 39	1 38	0 44	17 3	1 41	16 40	14 47	10 44	10 26	13 45	1 45	3 44	
S 5	15 24	27 18	4 12	12 28	0 35	2 15	0 26	24 40	1 34	11 23	0 50	0 13	2 39	1 37	0 44	17 4	1 41	16 40	14 48	10 44	10 25	13 48	1 44	3 44	
M 6	15 43	28 13	4 52	11 52	0 53	1 57	0 32	24 36	1 34	11 20	0 50	0 11	2 39	1 36	0 44	17 4	1 41	16 39	14 48	10 43	10 23	13 51	1 43	3 43	
T 7	16 1	27 17	5 13	11 20	1 10	1 39	0 38	24 32	1 34	11 17	0 51	0 10	2 39	1 35	0 44	17 5	1 41	16 39	14 48	10 42	10 22	13 54	1 42	3 43	
W 8	16 18	24 45	5 16	10 53	1 25	1 20	0 43	24 28	1 33	11 15	0 51	0 9	2 39	1 34	0 44	17 5	1 41	16 39	14 49	10 42	10 21	13 57	1 42	3 43	
T 9	16 36	21 1	5 2	10 32	1 39	1 1	0 49	24 24	1 33	11 12	0 51	0 8	2 39	1 33	0 44	17 6	1 41	16 39	14 49	10 42	10 20	14 0	1 41	3 43	
F 10	16 53	16 25	4 34	10 16	1 50	0 42	0 54	24 19	1 33	11 10	0 51	0 7	2 38	1 32	0 44	17 6	1 41	16 39	14 50	10 42	10 19	14 3	1 40	3 42	
S 11	17 10	11 15	3 53	10 7	1 59	0 23	0 59	24 14	1 32	11 7	0 52	0 6	2 38	1 31	0 44	17 7	1 41	16 38	14 50	10 42	10 18	14 6	1 39	3 42	
S 12	17 27	5 46	3 3	10 3	2 7	0 3	1 4	24 9	1 32	11 5	0 52	0 5	2 38	1 30	0 44	17 8	1 41	16 38	14 51	10 43	10 17	14 9	1 38	3 42	
M13	17 43	0 9	2 6	10 4	2 13	0s17	1 9	24 3	1 32	11 3	0 52	0 4	2 38	1 28	0 44	17 8	1 41	16 38	14 51	10 43	10 15	14 12	1 38	3 42	
T 14	17 59	5n26	1 4	10 10	2 17	0 37	1 14	23 57	1 31	11 1	0 52	0 3	2 38	1 27	0 44	17 9	1 41	16 38	14 51	10 44	10 14	14 15	1 37	3 41	
W15	18 15	10 49	0n 1	10 20	2 20	0 58	1 18	23 51	1 31	10 58	0 52	0 3	2 37	1 26	0 44	17 9	1 41	16 38	14 52	10 44	10 13	14 18	1 36	3 41	
T 16	18 31	15 49	1 6	10 34	2 22	1 19	1 23	23 45	1 31	10 56	0 53	0 2	2 37	1 25	0 44	17 10	1 41	16 38	14 52	10 44	10 12	14 21	1 36	3 41	
F 17	18 46	20 15	2 7	10 51	2 22	1 40	1 27	23 38	1 30	10 54	0 53	0 1	2 37	1 24	0 44	17 10	1 41	16 38	14 53	10 43	10 11	14 24	1 35	3 41	
S 18	19 1	23 54	3 4	11 11	2 21	2 1	1 31	23 32	1 30	10 52	0 53	0 0	2 37	1 23	0 44	17 11	1 41	16 38	14 53	10 42	10 10	14 27	1 34	3 41	
S 19	19 15	26 32	3 53	11 34	2 19	2 23	1 35	23 24	1 29	10 50	0 53	0s 0	2 37	1 23	0 44	17 11	1 41	16 38	14 54	10 40	10 9	14 30	1 34	3 40	
M20	19 29	27 57	4 32	11 58	2 16	2 44	1 38	23 17	1 29	10 48	0 54	0 1	2 36	1 22	0 44	17 12	1 41	16 38	14 54	10 38	10 7	14 33	1 33	3 40	
T 21	19 43	28 1	4 58	12 24	2 13	3 6	1 42	23 10	1 29	10 46	0 54	0 2	2 36	1 21	0 44	17 13	1 41	16 38	14 55	10 37	10 6	14 36	1 32	3 40	
W22	19 56	26 39	5 11	12 52	2 9	3 28	1 45	23 2	1 28	10 44	0 54	0 2	2 36	1 20	0 44	17 13	1 41	16 38	14 55	10 35	10 5	14 39	1 32	3 40	
T 23	20 9	23 54	5 9	13 20	2 5	3 50	1 49	22 54	1 28	10 43	0 54	0 3	2 36	1 19	0 44	17 14	1 41	16 38	14 56	10 33	10 4	14 42	1 31	3 39	
F 24	20 22	19 54	4 52	13 49	1 59	4 13	1 52	22 45	1 27	10 41	0 55	0 3	2 36	1 18	0 44	17 14	1 41	16 38	14 56	10 33	10 3	14 45	1 31	3 39	
S 25	20 34	14 50	4 18	14 19	1 54	4 35	1 55	22 37	1 27	10 39	0 55	0 4	2 35	1 17	0 44	17 15	1 41	16 38	14 57	10 32	10 2	14 48	1 30	3 39	
S 26	20 46	8 56	3 29	14 49	1 48	4 58	1 58	22 28	1 27	10 38	0 55	0 4	2 35	1 16	0 44	17 15	1 41	16 38	14 57	10 33	10 0	14 51	1 30	3 39	
M27	20 58	2 26	2 26	15 20	1 42	5 20	2 0	22 19	1 26	10 36	0 55	0 4	2 35	1 16	0 44	17 16	1 41	16 38	14 58	10 33	9 59	14 54	1 29	3 38	
T 28	21 9	4s22	1 13	15 50	1 36	5 43	2 3	22 9	1 26	10 35	0 56	0 5	2 35	1 15	0 44	17 16	1 41	16 38	14 58	10 34	9 58	14 57	1 29	3 38	
W29	21 20	11 5	0s 6	16 20	1 29	6 6	2 5	22 0	1 25	10 33	0 56	0 5	2 34	1 14	0 44	17 17	1 41	16 38	14 59	10 34	9 57	15 0	1 28	3 38	
T 30	21s30	17s18	1s27	16s50	1n22	6s29	2n 8	21s50	1s25	10n32	0n56	0s 5	2s34	1n13	0n45	17s17	1n41	16n38	14n59	10n33	9n56	15n 3	1n28	3n38	

# ASTRODIENST EPHEMERIS for the year 1967

## geocentric

DECEMBER 1967

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	4 36 39	8♂ 5'41	28♂38	23♂ 3	22♂48	29♂21	5♂ 7	5°R43	28♂40	24♂36	22♂41	27°R22	25°Y38	7♂43	25°R19	F 1
S 2	4 40 36	9° 6'32	13♂41	24°34	23°55	0♂ 7	5°11	5°Y42	28°42	24°38	22°42	27°Y17	25°35	7°49	25°K18	S 2
S 3	4 44 33	10° 7'24	28°32	26° 5	25° 3	0°54	5°14	5°41	28°44	24°40	22°43	27°10	25°32	7°56	25°18	S 3
M 4	4 48 29	11° 8'17	13♂ 3	27°36	26°10	1°40	5°18	5°40	28°46	24°43	22°43	27° 3	25°29	8° 2	25°18	M 4
T 5	4 52 26	12° 9'11	27° 9	29° 8	27°18	2°26	5°21	5°40	28°47	24°45	22°44	26°56	25°25	8° 9	25°18	T 5
W 6	4 56 22	13°10'06	10♂47	0♂40	28°27	3°13	5°25	5°39	28°49	24°47	22°45	26°50	25°22	8°16	25°18	W 6
T 7	5 0 19	14°11'01	23°57	2°12	29°35	3°59	5°28	5°39	28°51	24°49	22°45	26°46	25°19	8°22	25°D18	T 7
F 8	5 4 15	15°11'57	6♂41	3°44	0♂43	4°46	5°30	5°39	28°52	24°51	22°46	26°44	25°16	8°29	25°18	F 8
S 9	5 8 12	16°12'54	19° 3	5°17	1°52	5°32	5°33	5°D39	28°54	24°53	22°47	26°D43	25°13	8°36	25°18	S 9
S 10	5 12 8	17°13'52	1°Y 8	6°49	3° 1	6°19	5°36	5°39	28°55	24°55	22°47	26°44	25° 9	8°42	25°18	S 10
M11	5 16 5	18°14'50	13° 2	8°22	4°10	7° 5	5°38	5°39	28°56	24°58	22°48	26°45	25° 6	8°49	25°18	M11
T 12	5 20 2	19°15'49	24°50	9°55	5°19	7°52	5°40	5°39	28°58	25° 0	22°48	26°R46	25° 3	8°56	25°18	T 12
W13	5 23 58	20°16'48	6♂37	11°28	6°29	8°38	5°42	5°39	28°59	25° 2	22°49	26°46	25° 0	9° 2	25°18	W13
T 14	5 27 55	21°17'48	18°26	13° 1	7°38	9°25	5°44	5°40	29° 0	25° 4	22°49	26°43	24°57	9° 9	25°19	T 14
F 15	5 31 51	22°18'49	0♂21	14°34	8°48	10°12	5°45	5°40	29° 1	25° 6	22°50	26°38	24°54	9°16	25°19	F 15
S 16	5 35 48	23°19'50	12°25	16° 7	9°58	10°58	5°46	5°41	29° 3	25° 8	22°50	26°30	24°50	9°22	25°20	S 16
S 17	5 39 44	24°20'52	24°39	17°41	11° 8	11°45	5°48	5°42	29° 4	25°10	22°50	26°20	24°47	9°29	25°20	S 17
M18	5 43 41	25°21'55	7♂4	19°14	12°18	12°32	5°49	5°43	29° 5	25°12	22°51	26° 9	24°44	9°36	25°21	M18
T 19	5 47 37	26°22'58	19°41	20°48	13°28	13°18	5°49	5°44	29° 6	25°14	22°51	25°57	24°41	9°42	25°21	T 19
W20	5 51 34	27°24'03	2♂30	22°22	14°39	14° 5	5°50	5°45	29° 6	25°16	22°51	25°47	24°38	9°49	25°22	W20
T 21	5 55 31	28°25'07	15°30	23°56	15°49	14°52	5°50	5°46	29° 7	25°18	22°51	25°37	24°35	9°56	25°23	T 21
F 22	5 59 27	29°26'13	28°42	25°30	17° 0	15°38	5°R50	5°47	29° 8	25°20	22°51	25°31	24°31	10° 2	25°24	F 22
S 23	6 3 24	0♂27'19	12♂6	27° 4	18°10	16°25	5°50	5°49	29° 9	25°22	22°52	25°27	24°28	10° 9	25°24	S 23
S 24	6 7 20	1°28'26	25°44	28°39	19°21	17°12	5°50	5°50	29° 9	25°24	22°52	25°25	24°25	10°15	25°25	S 24
M25	6 11 17	2°29'33	9♂35	0♂14	20°32	17°59	5°50	5°52	29°10	25°26	22°52	25°D25	24°22	10°22	25°26	M25
T 26	6 15 13	3°30'42	23°42	1°49	21°43	18°45	5°49	5°54	29°11	25°28	22°R52	25°R26	24°19	10°29	25°27	T 26
W27	6 19 10	4°31'51	8♂2	3°24	22°55	19°32	5°48	5°56	29°11	25°29	22°52	25°25	24°15	10°35	25°28	W27
T 28	6 23 7	5°33'00	22°35	4°59	24° 6	20°19	5°47	5°58	29°12	25°31	22°52	25°22	24°12	10°42	25°29	T 28
F 29	6 27 3	6°34'10	7♂15	6°35	25°17	21° 6	5°46	6° 0	29°12	25°33	22°52	25°17	24° 9	10°49	25°31	F 29
S 30	6 31 0	7°35'21	21°58	8°11	26°29	21°53	5°45	6° 2	29°12	25°35	22°51	25° 9	24° 6	10°55	25°32	S 30
S 31	6 34 56	8♂36'32	6♂34	9♂48	27♂41	22♂39	5♂43	6°Y 4	29♂13	25♂37	22♂51	24°Y58	24°Y 3	11♂2	25°K33	S 31

Day	☉	☾		♂		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
F 1	21s40	22s29	2s41	17s20	1n15	6s51	2n10	21s40	1s24	10n31	0n56	0s 5	2s34	1n13	0n45	17s18	1n41	16n38	15n 0	10n32	9n55	15n 6	1n28	3n37	
S 2	21 49	26 10	3 45	17 49	1 8	7 14	2 12	21 30	1 24	10 30	0 57	0 5	2 34	1 12	0 45	17 18	1 41	16 38	15 0	10 30	9 54	15 9	1 27	3 37	
S 3	21 58	27 58	4 32	18 17	1 1	7 37	2 14	21 19	1 23	10 28	0 57	0 5	2 33	1 11	0 45	17 19	1 41	16 38	15 1	10 28	9 52	15 12	1 27	3 37	
M 4	22 7	27 47	5 0	18 45	0 54	8 0	2 15	21 8	1 23	10 27	0 57	0 5	2 33	1 11	0 45	17 19	1 41	16 39	15 1	10 26	9 51	15 15	1 27	3 36	
T 5	22 15	25 47	5 9	19 12	0 47	8 23	2 17	20 58	1 22	10 26	0 57	0 5	2 33	1 10	0 45	17 20	1 41	16 39	15 2	10 23	9 50	15 18	1 26	3 36	
W 6	22 23	22 20	5 0	19 39	0 40	8 46	2 19	20 46	1 22	10 25	0 58	0 5	2 33	1 9	0 45	17 20	1 41	16 39	15 2	10 21	9 49	15 21	1 26	3 36	
T 7	22 30	17 52	4 35	20 5	0 32	9 9	2 20	20 35	1 21	10 24	0 58	0 5	2 33	1 9	0 45	17 21	1 41	16 39	15 3	10 19	9 48	15 24	1 26	3 36	
F 8	22 37	12 44	3 57	20 29	0 25	9 31	2 21	20 23	1 21	10 24	0 58	0 5	2 32	1 8	0 45	17 21	1 41	16 39	15 3	10 19	9 47	15 27	1 26	3 35	
S 9	22 44	7 14	3 9	20 53	0 18	9 54	2 22	20 11	1 20	10 23	0 58	0 5	2 32	1 8	0 45	17 22	1 41	16 40	15 4	10 18	9 45	15 30	1 25	3 35	
S 10	22 50	1 36	2 14	21 16	0 11	10 17	2 23	19 59	1 20	10 22	0 59	0 5	2 32	1 7	0 45	17 22	1 41	16 40	15 4	10 19	9 44	15 33	1 25	3 35	
M 11	22 56	4n 1	1 13	21 39	0 4	10 39	2 24	19 47	1 19	10 22	0 59	0 4	2 32	1 7	0 45	17 23	1 41	16 40	15 5	10 19	9 43	15 36	1 25	3 35	
T 12	23 1	9 28	0 10	22 0	0s 3	11 1	2 25	19 35	1 19	10 21	0 59	0 4	2 31	1 6	0 45	17 23	1 41	16 41	15 5	10 19	9 42	15 39	1 25	3 34	
W 13	23 5	14 33	0n53	22 20	0 10	11 24	2 25	19 22	1 18	10 21	0 59	0 4	2 31	1 6	0 45	17 24	1 41	16 41	15 6	10 19	9 41	15 42	1 25	3 34	
T 14	23 10	19 8	1 54	22 39	0 17	11 46	2 26	19 9	1 18	10 20	1 0	0 3	2 31	1 5	0 45	17 24	1 41	16 41	15 6	10 18	9 40	15 45	1 25	3 34	
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M 18	23 22	28 2	4 47	23 43	0 43	13 12	2 26	18 15	1 15	10 19	1 1	0 1	2 30	1 4	0 45	17 26	1 41	16 43	15 9	10 6	9 35	15 57	1 24	3 33	
T 19	23 24	26 59	5 2	23 56	0 49	13 33	2 26	18 2	1 15	10 19	1 1	0 1	2 30	1 3	0 45	17 27	1 41	16 43	15 9	10 2	9 34	16 0	1 24	3 33	
W 20	23 25	24 30	5 2	24 8	0 55	13 54	2 26	17 48	1 14	10 19	1 1	0 0	2 29	1 3	0 45	17 27	1 41	16 43	15 10	9 58	9 33	16 2	1 24	3 32	
T 21	23 26	20 44	4 46	24 19	1 1	14 15	2 26	17 33	1 14	10 20	1 2	0n 1	2 29	1 3	0 45	17 28	1 41	16 44	15 10	9 54	9 31	16 5	1 24	3 32	
F 22	23 27	15 54	4 15	24 29	1 7	14 36	2 25	17 19	1 13	10 20	1 2	0 1	2 29	1 2	0 45	17 28	1 41	16 44	15 11	9 52	9 30	16 8	1 25	3 32	
S 23	23 27	10 15	3 29	24 37	1 12	14 56	2 25	17 4	1 12	10 20	1 2	0 2	2 29	1 2	0 45	17 28	1 41	16 45	15 11	9 51	9 29	16 11	1 25	3 32	
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M 25	23 25	2s31	1 23	24 49	1 23	15 35	2 23	16 35	1 11	10 21	1 3	0 4	2 28	1 2	0 46	17 29	1 41	16 46	15 12	9 50	9 27	16 17	1 25	3 31	
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W 27	23 22	15 14	1s 7	24 56	1 32	16 13	2 22	16 4	1 10	10 22	1 3	0 6	2 28	1 1	0 46	17 30	1 41	16 47	15 13	9 50	9 24	16 23	1 25	3 31	
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S 31	23s10	28s 3	4s46	24s53	1s48	17s26	2n17	15s 2	1s 8	10n25	1n 4	0n10	2s27	1n 1	0n46	17s32	1n41	16n49	15n16	9n40	9n20	16n34	1n26	3n30	