Astrodienst Ephemeris Tables

for the year 1564

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 AG, Dammstr. 23, CH-8702 Zollikon / Zürich, www.astro.com / order@astro.com

ASTRODIENST EPHEMERIS for the year 1564
geocentric

JANUARY 1564 JC

00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	7 17 45	19♑54'46	17♌ 3	28♐12	23♑28	7♑23	4°R55	0°R50	6♐19	5°R26	12♓49	7°R55	7♑16	13♍34	15♑30	S 1
S 2	7 21 41	20°55'51	29° 3	29°32	24°44	7°46	4♌47	0♌45	6°22	5♊25	12°51	7♑53	7°12	13°41	15°36	S 2
M 3	7 25 38	21°56'56	10♍58	0♑52	25°59	8° 9	4°40	0°40	6°25	5°23	12°52	7°51	7° 9	13°48	15°42	M 3
T 4	7 29 35	22°58'00	22°49	2°14	27°14	8°33	4°32	0°36	6°28	5°22	12°53	7°48	7° 6	13°54	15°47	T 4
W 5	7 33 31	23°59'04	4♎41	3°36	28°30	8°57	4°24	0°31	6°31	5°21	12°54	7°47	7° 3	14° 1	15°53	W 5
T 6	7 37 28	25° 0'08	16°38	5° 0	29°45	9°21	4°17	0°26	6°33	5°20	12°55	7°46	7° 0	14° 8	15°58	T 6
F 7	7 41 24	26° 1'11	28°44	6°25	1♒ 0	9°46	4° 9	0°21	6°36	5°19	12°56	7°D45	6°57	14°15	16° 4	F 7
S 8	7 45 21	27° 2'14	11♏ 5	7°50	2°16	10°11	4° 1	0°16	6°39	5°19	12°57	7°46	6°53	14°21	16°10	S 8
S 9	7 49 17	28° 3'16	23°44	9°16	3°31	10°36	3°53	0°11	6°41	5°18	12°58	7°47	6°50	14°28	16°15	S 9
M10	7 53 14	29° 4'17	6♐45	10°43	4°46	11° 2	3°45	0° 6	6°44	5°17	13° 0	7°49	6°47	14°35	16°21	M10
T 11	7 57 10	0♒ 5'19	20°12	12°11	6° 2	11°28	3°37	0° 1	6°47	5°16	13° 1	7°50	6°44	14°41	16°26	T 11
W12	8 1 7	1° 6'19	4♑ 5	13°40	7°17	11°54	3°29	29♋56	6°49	5°15	13° 2	7°R51	6°41	14°48	16°32	W12
T 13	8 5 4	2° 7'19	18°22	15° 9	8°32	12°20	3°21	29°51	6°52	5°14	13° 3	7°51	6°38	14°55	16°37	T 13
F 14	8 9 0	3° 8'17	3♒ 0	16°39	9°48	12°46	3°13	29°46	6°54	5°14	13° 4	7°49	6°34	15° 2	16°43	F 14
S 15	8 12 57	4° 9'15	17°53	18°10	11° 3	13°13	3° 5	29°42	6°57	5°13	13° 6	7°46	6°31	15° 8	16°48	S 15
S 16	8 16 53	5°10'12	2♓51	19°42	12°18	13°40	2°57	29°37	6°59	5°12	13° 7	7°43	6°28	15°15	16°54	S 16
M17	8 20 50	6°11'07	17°47	21°14	13°34	14° 7	2°49	29°32	7° 1	5°12	13° 8	7°38	6°25	15°22	16°59	M17
T 18	8 24 46	7°12'01	2♈31	22°47	14°49	14°35	2°41	29°27	7° 4	5°11	13°10	7°35	6°22	15°28	17° 4	T 18
W19	8 28 43	8°12'53	16°59	24°21	16° 4	15° 3	2°33	29°22	7° 6	5°10	13°11	7°32	6°18	15°35	17°10	W19
T 20	8 32 39	9°13'44	1♉ 6	25°55	17°19	15°31	2°25	29°17	7° 8	5°10	13°12	7°30	6°15	15°42	17°15	T 20
F 21	8 36 36	10°14'34	14°52	27°31	18°35	15°59	2°17	29°12	7°10	5° 9	13°14	7°D30	6°12	15°49	17°20	F 21
S 22	8 40 33	11°15'22	28°16	29° 7	19°50	16°27	2° 9	29° 8	7°12	5° 9	13°15	7°31	6° 9	15°55	17°26	S 22
S 23	8 44 29	12°16'09	11♊22	0♒43	21° 5	16°56	2° 2	29° 3	7°14	5° 8	13°16	7°32	6° 6	16° 2	17°31	S 23
M24	8 48 26	13°16'54	24°11	2°21	22°20	17°24	1°54	28°58	7°16	5° 8	13°18	7°34	6° 3	16° 9	17°36	M24
T 25	8 52 22	14°17'37	6♋46	3°59	23°35	17°53	1°46	28°54	7°18	5° 7	13°19	7°R35	5°59	16°15	17°41	T 25
W26	8 56 19	15°18'19	19°10	5°38	24°50	18°22	1°38	28°49	7°20	5° 7	13°21	7°34	5°56	16°22	17°47	W26
T 27	9 0 15	16°19'00	1♌24	7°18	26° 5	18°51	1°31	28°44	7°22	5° 7	13°22	7°31	5°53	16°29	17°52	T 27
F 28	9 4 12	17°19'39	13°31	8°59	27°20	19°21	1°23	28°40	7°24	5° 7	13°23	7°27	5°50	16°36	17°57	F 28
S 29	9 8 8	18°20'16	25°32	10°40	28°36	19°50	1°16	28°35	7°26	5° 6	13°25	7°20	5°47	16°42	18° 2	S 29
S 30	9 12 5	19°20'52	7♍28	12°23	29°51	20°20	1° 9	28°31	7°27	5° 6	13°26	7°12	5°44	16°49	18° 7	S 30
M31	9 16 2	20♒21'27	19♍21	14♒ 6	1♓ 6	20♑50	1♌ 2	28♋26	7♐29	5♊ 6	13♓28	7♑ 4	5♑40	16♍56	18♑12	M31

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
S 1	22s 1	12n35	3s20	23s 1	0n29	22s28	1s 2	15n23	1n27	19n46	0n43	20n29	0n29	21s19	0n 6	19n40	1s37	20s17	14s42	23s16	23s18	2n 7	16s16	6n22
S 2	21 52	7 59	4 6	23 10	0 20	22 16	1 4	15 31	1 28	19 48	0 43	20 30	0 29	21 20	0 6	19 40	1 37	20 16	14 42	23 16	23 18	2 4	16 16	6 22
M 3	21 42	3 8	4 42	23 18	0 12	22 4	1 5	15 39	1 28	19 50	0 43	20 31	0 29	21 20	0 6	19 40	1 36	20 16	14 42	23 16	23 18	2 1	16 15	6 22
T 4	21 32	1s49	5 5	23 25	0 4	21 51	1 7	15 47	1 29	19 52	0 43	20 33	0 29	21 21	0 6	19 40	1 36	20 15	14 42	23 16	23 18	1 59	16 14	6 22
W 5	21 22	6 41	5 15	23 31	0s 4	21 38	1 8	15 56	1 29	19 54	0 43	20 34	0 29	21 21	0 6	19 40	1 36	20 14	14 41	23 16	23 18	1 56	16 13	6 22
T 6	21 11	11 21	5 12	23 36	0 12	21 23	1 10	16 4	1 30	19 56	0 44	20 35	0 29	21 22	0 6	19 40	1 36	20 14	14 41	23 16	23 19	1 53	16 13	6 22
F 7	21 0	15 38	4 55	23 40	0 20	21 8	1 11	16 12	1 30	19 58	0 44	20 36	0 29	21 22	0 6	19 40	1 36	20 13	14 41	23 16	23 19	1 50	16 12	6 22
S 8	20 48	19 22	4 24	23 43	0 27	20 53	1 13	16 21	1 31	20 0	0 44	20 37	0 30	21 23	0 6	19 40	1 36	20 12	14 41	23 16	23 19	1 47	16 11	6 22
S 9	20 36	22 18	3 40	23 44	0 34	20 37	1 14	16 29	1 31	20 2	0 44	20 38	0 30	21 23	0 6	19 39	1 36	20 12	14 40	23 16	23 19	1 44	16 10	6 22
M10	20 24	24 10	2 43	23 45	0 41	20 20	1 15	16 38	1 32	20 4	0 44	20 40	0 30	21 23	0 6	19 39	1 36	20 11	14 40	23 16	23 19	1 41	16 10	6 23
T 11	20 11	24 43	1 36	23 44	0 48	20 3	1 16	16 46	1 32	20 6	0 44	20 41	0 30	21 24	0 6	19 39	1 36	20 10	14 40	23 16	23 19	1 38	16 9	6 23
W12	19 58	23 47	0 21	23 42	0 55	19 45	1 18	16 55	1 33	20 9	0 44	20 42	0 30	21 24	0 6	19 39	1 36	20 10	14 40	23 16	23 20	1 36	16 8	6 23
T 13	19 44	21 17	0n58	23 38	1 1	19 26	1 19	17 3	1 33	20 10	0 45	20 43	0 30	21 25	0 6	19 39	1 36	20 9	14 40	23 16	23 20	1 33	16 7	6 23
F 14	19 30	17 22	2 14	23 34	1 7	19 7	1 20	17 12	1 33	20 12	0 45	20 44	0 30	21 25	0 6	19 39	1 36	20 8	14 39	23 16	23 20	1 30	16 7	6 23
S 15	19 16	12 18	3 22	23 28	1 13	18 47	1 21	17 20	1 34	20 14	0 45	20 45	0 30	21 26	0 6	19 39	1 36	20 8	14 39	23 16	23 20	1 27	16 6	6 23
S 16	19 1	6 29	4 17	23 20	1 18	18 27	1 22	17 29	1 34	20 16	0 45	20 47	0 30	21 26	0 6	19 39	1 36	20 7	14 39	23 16	23 20	1 24	16 5	6 24
M17	18 46	0 19	4 54	23 11	1 24	18 7	1 23	17 37	1 35	20 18	0 45	20 48	0 30	21 26	0 6	19 39	1 36	20 6	14 39	23 17	23 20	1 21	16 4	6 24
T 18	18 31	5n46	5 12	23 1	1 29	17 45	1 23	17 46	1 35	20 20	0 45	20 49	0 31	21 27	0 6	19 39	1 36	20 6	14 39	23 17	23 21	1 18	16 3	6 24
W19	18 15	11 26	5 9	22 50	1 33	17 24	1 24	17 54	1 35	20 22	0 45	20 50	0 31	21 27	0 6	19 39	1 36	20 5	14 38	23 17	23 21	1 15	16 2	6 24
T 20	17 59	16 22	4 47	22 37	1 38	17 2	1 25	18 3	1 35	20 24	0 45	20 51	0 31	21 28	0 6	19 39	1 36	20 4	14 38	23 17	23 21	1 13	16 2	6 24
F 21	17 43	20 18	4 9	22 22	1 42	16 39	1 25	18 11	1 36	20 26	0 45	20 52	0 31	21 28	0 6	19 39	1 36	20 4	14 38	23 17	23 21	1 10	16 1	6 24
S 22	17 26	23 2	3 18	22 7	1 46	16 16	1 26	18 20	1 36	20 28	0 46	20 53	0 31	21 28	0 6	19 39	1 35	20 3	14 38	23 17	23 21	1 7	16 0	6 25
S 23	17 10	24 29	2 18	21 49	1 49	15 52	1 27	18 28	1 36	20 30	0 46	20 54	0 31	21 29	0 6	19 39	1 35	20 2	14 38	23 17	23 21	1 4	15 59	6 25
M24	16 52	24 34	1 12	21 31	1 53	15 28	1 27	18 37	1 36	20 32	0 46	20 55	0 31	21 29	0 6	19 39	1 35	20 2	14 38	23 17	23 21	1 1	15 58	6 25
T 25	16 35	23 24	0 4	21 10	1 55	15 4	1 27	18 45	1 37	20 33	0 46	20 56	0 31	21 29	0 6	19 38	1 35	20 1	14 38	23 17	23 22	0 58	15 57	6 25
W26	16 17	21 5	1s 3	20 49	1 58	14 39	1 28	18 53	1 37	20 35	0 46	20 57	0 31	21 30	0 6	19 38	1 35	20 0	14 37	23 17	23 22	0 55	15 56	6 26
T 27	15 59	17 51	2 6	20 26	2 0	14 14	1 28	19 2	1 37	20 37	0 46	20 58	0 31	21 30	0 6	19 38	1 35	20 0	14 37	23 17	23 22	0 52	15 55	6 26
F 28	15 41	13 53	3 3	20 1	2 2	13 48	1 28	19 10	1 37	20 39	0 46	20 59	0 31	21 30	0 6	19 38	1 35	19 59	14 37	23 17	23 22	0 50	15 55	6 26
S 29	15 22	9 25	3 51	19 35	2 3	13 22	1 28	19 18	1 37	20 40	0 46	21 0	0 32	21 31	0 6	19 39	1 35	19 58	14 37	23 18	23 22	0 47	15 54	6 26
S 30	15 3	4 38	4 28	19 7	2 4	12 56	1 28	19 26	1 38	20 42	0 46	21 1	0 32	21 31	0 6	19 39	1 35	19 58	14 37	23 18	23 22	0 44	15 53	6 27
M31	14s44	0s17	4s54	18s38	2s 5	12s29	1s28	19n35	1n38	20n44	0n46	21n 2	0n32	21s31	0n 6	19n39	1s35	19s57	14s37	23s18	23s22	0n41	15s52	6n27

Julian Day Number = 2292308.5, Delta T = 150.43 sec
Ecliptic obliquity = 23°29'46, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°39'22, Lahiri = 17°46'23 Julian Calendar 1 Jan. 1564 == Greg. Calendar 11 Jan. 1564

ASTRODIENST EPHEMERIS for the year 1564
geocentric

FEBRUARY 1564 JC

00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	9 19 58	21♒22'00	1♎13	15♒50	2♓21	21♉20	0°R54	28°R22	7♐31	5°R 6	13♓29	6°R55	5♑37	17♍ 2	18♑17	T 1
W 2	9 23 55	22°22'32	13° 6	17°36	3°36	21°50	0♌47	28♋18	7°32	5♊ 6	13°31	6♑48	5°34	17° 9	18°22	W 2
T 3	9 27 51	23°23'02	25° 2	19°22	4°51	22°21	0°41	28°14	7°34	5° 5	13°32	6°42	5°31	17°16	18°27	T 3
F 4	9 31 48	24°23'32	7♏ 7	21° 9	6° 5	22°51	0°34	28° 9	7°35	5° 5	13°34	6°38	5°28	17°23	18°31	F 4
S 5	9 35 44	25°23'59	19°24	22°56	7°20	23°22	0°27	28° 5	7°37	5°D 5	13°35	6°36	5°24	17°29	18°36	S 5
S 6	9 39 41	26°24'26	1♐57	24°45	8°35	23°53	0°20	28° 1	7°38	5° 5	13°37	6°D36	5°21	17°36	18°41	S 6
M 7	9 43 37	27°24'51	14°51	26°35	9°50	24°23	0°14	27°57	7°39	5° 5	13°38	6°37	5°18	17°43	18°46	M 7
T 8	9 47 34	28°25'15	28°10	28°25	11° 5	24°54	0° 8	27°53	7°41	5° 6	13°40	6°38	5°15	17°49	18°51	T 8
W 9	9 51 31	29°25'38	11♑58	0♓17	12°20	25°26	0° 2	27°50	7°42	5° 6	13°41	6°R38	5°12	17°56	18°55	W 9
T 10	9 55 27	0♓25'59	26°14	2° 9	13°35	25°57	29♋55	27°46	7°43	5° 6	13°43	6°36	5° 9	18° 3	19° 0	T 10
F 11	9 59 24	1°26'18	10♒57	4° 2	14°50	26°28	29°50	27°42	7°44	5° 6	13°44	6°32	5° 5	18°10	19° 4	F 11
S 12	10 3 20	2°26'36	26° 0	5°56	16° 4	27° 0	29°44	27°39	7°45	5° 6	13°46	6°26	5° 2	18°16	19° 9	S 12
S 13	10 7 17	3°26'52	11♓16	7°50	17°19	27°32	29°38	27°35	7°46	5° 6	13°47	6°18	4°59	18°23	19°13	S 13
M14	10 11 13	4°27'06	26°33	9°45	18°34	28° 3	29°33	27°32	7°47	5° 7	13°49	6° 9	4°56	18°30	19°18	M14
T 15	10 15 10	5°27'18	11♈39	11°40	19°49	28°35	29°27	27°28	7°48	5° 7	13°50	6° 0	4°53	18°36	19°22	T 15
W16	10 19 6	6°27'28	26°26	13°35	21° 3	29° 7	29°22	27°25	7°49	5° 7	13°52	5°52	4°50	18°43	19°26	W16
T 17	10 23 3	7°27'36	10♉48	15°31	22°18	29°39	29°17	27°22	7°50	5° 8	13°54	5°47	4°46	18°50	19°31	T 17
F 18	10 27 0	8°27'42	24°42	17°26	23°33	0♊12	29°12	27°19	7°51	5° 8	13°55	5°44	4°43	18°57	19°35	F 18
S 19	10 30 56	9°27'45	8♊ 8	19°21	24°47	0°44	29° 8	27°16	7°51	5° 9	13°57	5°D43	4°40	19° 3	19°39	S 19
S 20	10 34 53	10°27'47	21°10	21°16	26° 2	1°16	29° 3	27°13	7°52	5° 9	13°58	5°43	4°37	19°10	19°43	S 20
M21	10 38 49	11°27'46	3♋51	23° 9	27°16	1°49	28°59	27°10	7°53	5°10	14° 0	5°R44	4°34	19°17	19°47	M21
T 22	10 42 46	12°27'44	16°15	25° 1	28°31	2°21	28°55	27° 7	7°53	5°10	14° 1	5°43	4°30	19°24	19°51	T 22
W23	10 46 42	13°27'39	28°27	26°51	29°45	2°54	28°51	27° 5	7°54	5°11	14° 3	5°41	4°27	19°30	19°55	W23
T 24	10 50 39	14°27'31	10♌31	28°39	1♈ 0	3°27	28°47	27° 2	7°54	5°12	14° 5	5°36	4°24	19°37	19°59	T 24
F 25	10 54 35	15°27'22	22°28	0♈24	2°14	4° 0	28°43	27° 0	7°55	5°12	14° 6	5°28	4°21	19°44	20° 3	F 25
S 26	10 58 32	16°27'11	4♍23	2° 6	3°29	4°33	28°40	26°57	7°55	5°13	14° 8	5°17	4°18	19°50	20° 7	S 26
S 27	11 2 29	17°26'57	16°15	3°44	4°43	5° 6	28°37	26°55	7°55	5°14	14° 9	5° 4	4°15	19°57	20°10	S 27
M28	11 6 25	18°26'42	28° 8	5°18	5°57	5°39	28°34	26°53	7°55	5°14	14°11	4°51	4°11	20° 4	20°14	M28
T 29	11 10 22	19♓26'24	10♎ 1	6♈48	7♈12	6♊12	28♋31	26♋51	7♐56	5♊15	14♓12	4♑37	4♑ 8	20♍11	20♑18	T 29

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	14s25	5s10	5s 6	18s 7	2s 5	12s 2	1s28	19n43	1n38	20n45	0n46	21n 3	0n32	21s31	0n 6	19n39	1s35	19s56	14s37	23s19	23s23	0n38	15s51	6n27
W 2	14 5	9 52	5 6	17 35	2 5	11 35	1 28	19 51	1 38	20 47	0 46	21 4	0 32	21 32	0 6	19 39	1 35	19 56	14 37	23 19	23 23	0 35	15 50	6 28
T 3	13 45	14 15	4 52	17 1	2 4	11 7	1 28	19 59	1 38	20 49	0 46	21 5	0 32	21 32	0 6	19 39	1 35	19 55	14 36	23 20	23 23	0 32	15 49	6 28
F 4	13 25	18 6	4 26	16 26	2 3	10 39	1 28	20 7	1 38	20 50	0 46	21 6	0 32	21 32	0 6	19 39	1 35	19 54	14 36	23 20	23 23	0 30	15 48	6 28
S 5	13 5	21 15	3 46	15 49	2 2	10 11	1 27	20 15	1 38	20 52	0 47	21 7	0 32	21 32	0 6	19 39	1 35	19 54	14 36	23 20	23 23	0 27	15 47	6 28
S 6	12 45	23 28	2 56	15 11	2 0	9 43	1 27	20 23	1 39	20 53	0 47	21 8	0 32	21 33	0 6	19 39	1 35	19 53	14 36	23 20	23 23	0 24	15 46	6 29
M 7	12 24	24 32	1 55	14 31	1 57	9 14	1 26	20 30	1 39	20 54	0 47	21 9	0 32	21 33	0 6	19 39	1 35	19 52	14 36	23 20	23 23	0 21	15 45	6 29
T 8	12 3	24 14	0 45	13 50	1 54	8 45	1 26	20 38	1 39	20 56	0 47	21 10	0 32	21 33	0 6	19 39	1 34	19 52	14 36	23 20	23 24	0 18	15 44	6 29
W 9	11 42	22 29	0n29	13 7	1 50	8 16	1 25	20 46	1 39	20 57	0 47	21 11	0 32	21 33	0 6	19 39	1 34	19 51	14 36	23 20	23 24	0 15	15 43	6 30
T 10	11 21	19 16	1 43	12 23	1 46	7 46	1 24	20 53	1 39	20 59	0 47	21 11	0 32	21 33	0 6	19 39	1 34	19 50	14 36	23 20	23 24	0 12	15 42	6 30
F 11	10 59	14 45	2 53	11 38	1 41	7 17	1 24	21 1	1 39	21 0	0 47	21 12	0 33	21 34	0 6	19 39	1 34	19 50	14 36	23 20	23 24	0 10	15 41	6 30
S 12	10 38	9 14	3 53	10 51	1 36	6 47	1 23	21 8	1 39	21 1	0 47	21 13	0 33	21 34	0 6	19 39	1 34	19 49	14 36	23 20	23 24	0 7	15 40	6 31
S 13	10 16	3 6	4 36	10 3	1 30	6 17	1 22	21 16	1 39	21 2	0 47	21 14	0 33	21 34	0 6	19 39	1 34	19 48	14 36	23 21	23 24	0 4	15 39	6 31
M14	9 54	3n13	5 0	9 13	1 24	5 47	1 21	21 23	1 39	21 3	0 47	21 14	0 33	21 34	0 6	19 40	1 34	19 48	14 36	23 21	23 24	0 1	15 39	6 32
T 15	9 32	9 16	5 3	8 23	1 16	5 16	1 20	21 30	1 39	21 5	0 47	21 15	0 33	21 34	0 6	19 40	1 34	19 47	14 36	23 22	23 24	0s 2	15 38	6 32
W16	9 10	14 39	4 45	7 31	1 9	4 46	1 19	21 37	1 39	21 6	0 47	21 16	0 33	21 34	0 6	19 40	1 34	19 46	14 36	23 22	23 24	0 5	15 37	6 32
T 17	8 47	19 3	4 10	6 39	1 0	4 15	1 18	21 44	1 39	21 7	0 47	21 17	0 33	21 35	0 6	19 40	1 34	19 46	14 36	23 22	23 25	0 7	15 36	6 33
F 18	8 25	22 14	3 21	5 46	0 51	3 45	1 17	21 51	1 39	21 8	0 47	21 17	0 33	21 35	0 6	19 40	1 34	19 45	14 36	23 22	23 25	0 10	15 35	6 33
S 19	8 2	24 3	2 22	4 52	0 42	3 14	1 16	21 58	1 39	21 9	0 47	21 18	0 33	21 35	0 6	19 40	1 34	19 45	14 36	23 22	23 25	0 13	15 34	6 34
S 20	7 40	24 29	1 17	3 58	0 32	2 43	1 14	22 5	1 39	21 10	0 47	21 18	0 33	21 35	0 6	19 40	1 34	19 44	14 36	23 22	23 25	0 16	15 33	6 34
M21	7 17	23 36	0 10	3 3	0 21	2 12	1 13	22 11	1 39	21 11	0 47	21 19	0 33	21 35	0 6	19 40	1 34	19 43	14 36	23 22	23 25	0 19	15 32	6 34
T 22	6 54	21 35	0s56	2 8	0 10	1 41	1 11	22 18	1 39	21 11	0 47	21 20	0 33	21 35	0 6	19 41	1 34	19 43	14 36	23 22	23 25	0 22	15 31	6 35
W23	6 31	18 36	1 58	1 14	0n 2	1 10	1 10	22 24	1 39	21 12	0 47	21 20	0 33	21 35	0 6	19 41	1 34	19 42	14 36	23 22	23 25	0 25	15 30	6 35
T 24	6 8	14 52	2 54	0 20	0 14	0 39	1 8	22 31	1 39	21 13	0 47	21 21	0 33	21 35	0 6	19 41	1 34	19 41	14 36	23 23	23 25	0 27	15 29	6 36
F 25	5 45	10 34	3 41	0n34	0 26	0 8	1 7	22 37	1 39	21 14	0 47	21 21	0 33	21 35	0 6	19 41	1 33	19 41	14 36	23 23	23 25	0 30	15 28	6 36
S 26	5 22	5 55	4 19	1 26	0 39	0n23	1 5	22 43	1 39	21 14	0 47	21 22	0 33	21 35	0 6	19 41	1 33	19 40	14 36	23 23	23 26	0 33	15 27	6 36
S 27	4 58	1 4	4 45	2 17	0 52	0 54	1 4	22 49	1 39	21 15	0 47	21 22	0 34	21 35	0 6	19 42	1 33	19 40	14 36	23 24	23 26	0 36	15 26	6 37
M28	4 35	3s49	4 58	3 7	1 5	1 26	1 2	22 55	1 39	21 16	0 47	21 23	0 34	21 35	0 6	19 42	1 33	19 39	14 36	23 24	23 26	0 39	15 25	6 37
T 29	4s11	8s34	4s59	3n54	1n18	1n57	1s 0	23n 1	1n39	21n16	0n47	21n23	0n34	21s36	0n 6	19n42	1s33	19s39	14s36	23s25	23s26	0s41	15s24	6n38

Julian Day Number = 2292339.5, Delta T = 150.26 sec
Ecliptic obliquity = 23°29'47, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°39'27, Lahiri = 17°46'27 Julian Calendar 1 Feb. 1564 == Greg. Calendar 11 Feb. 1564

ASTRODIENST EPHEMERIS for the year 1564
geocentric

MARCH 1564 JC

00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	11 14 18	20♓26'05	21♎58	8♈12	8♈26	6♊45	28°R28	26°R49	7♐56	5♊16	14♓14	4°R24	4♑ 5	20♍17	20♑21	W 1
T 2	11 18 15	21°25'44	3♏59	9°31	9°40	7°18	28♋26	26♋47	7°56	5°17	14°16	4♑14	4° 2	20°24	20°25	T 2
F 3	11 22 11	22°25'21	16° 6	10°44	10°54	7°52	28°23	26°45	7°R56	5°18	14°17	4° 6	3°59	20°31	20°28	F 3
S 4	11 26 8	23°24'56	28°24	11°51	12° 9	8°25	28°21	26°44	7°56	5°19	14°19	4° 1	3°55	20°37	20°31	S 4
S 5	11 30 4	24°24'29	10♐56	12°50	13°23	8°59	28°19	26°42	7°56	5°20	14°20	3°59	3°52	20°44	20°35	S 5
M 6	11 34 1	25°24'01	23°46	13°43	14°37	9°32	28°17	26°41	7°56	5°21	14°22	3°D59	3°49	20°51	20°38	M 6
T 7	11 37 57	26°23'31	6♑57	14°28	15°51	10° 6	28°16	26°39	7°55	5°22	14°23	3°R59	3°46	20°58	20°41	T 7
W 8	11 41 54	27°22'59	20°35	15° 6	17° 5	10°40	28°14	26°38	7°55	5°23	14°25	3°58	3°43	21° 4	20°44	W 8
T 9	11 45 51	28°22'26	4♒41	15°37	18°19	11°14	28°13	26°37	7°55	5°24	14°26	3°55	3°40	21°11	20°47	T 9
F 10	11 49 47	29°21'50	19°14	15°59	19°33	11°47	28°12	26°36	7°54	5°25	14°28	3°50	3°36	21°18	20°50	F 10
S 11	11 53 44	0♈21'13	4♓11	16°14	20°47	12°21	28°11	26°35	7°54	5°26	14°29	3°43	3°33	21°24	20°53	S 11
S 12	11 57 40	1°20'33	19°24	16°R22	22° 1	12°55	28°11	26°35	7°54	5°27	14°31	3°32	3°30	21°31	20°56	S 12
M13	12 1 37	2°19'52	4♈44	16°21	23°15	13°29	28°10	26°34	7°53	5°28	14°32	3°21	3°27	21°38	20°59	M13
T 14	12 5 33	3°19'09	19°59	16°14	24°29	14° 3	28°10	26°33	7°52	5°30	14°34	3°10	3°24	21°45	21° 1	T 14
W15	12 9 30	4°18'23	4♉57	16° 0	25°42	14°38	28°D10	26°33	7°52	5°31	14°35	3° 0	3°21	21°51	21° 4	W15
T 16	12 13 26	5°17'36	19°30	15°39	26°56	15°12	28°10	26°33	7°51	5°32	14°37	2°53	3°17	21°58	21° 6	T 16
F 17	12 17 23	6°16'46	3♊35	15°12	28°10	15°46	28°11	26°32	7°51	5°33	14°38	2°48	3°14	22° 5	21° 9	F 17
S 18	12 21 20	7°15'54	17°10	14°40	29°24	16°20	28°11	26°D32	7°50	5°35	14°40	2°46	3°11	22°11	21°11	S 18
S 19	12 25 16	8°14'59	0♋16	14° 3	0♉37	16°55	28°12	26°32	7°49	5°36	14°41	2°45	3° 8	22°18	21°14	S 19
M20	12 29 13	9°14'02	12°59	13°23	1°51	17°29	28°13	26°32	7°48	5°38	14°43	2°45	3° 5	22°25	21°16	M20
T 21	12 33 9	10°13'03	25°22	12°39	3° 4	18° 4	28°14	26°33	7°47	5°39	14°44	2°45	3° 1	22°32	21°18	T 21
W22	12 37 6	11°12'01	7♌31	11°54	4°18	18°38	28°15	26°33	7°46	5°40	14°46	2°42	2°58	22°38	21°20	W22
T 23	12 41 2	12°10'58	19°30	11° 7	5°31	19°13	28°17	26°33	7°45	5°42	14°47	2°37	2°55	22°45	21°22	T 23
F 24	12 44 59	13° 9'51	1♍23	10°20	6°45	19°47	28°18	26°34	7°44	5°43	14°49	2°29	2°52	22°52	21°24	F 24
S 25	12 48 55	14° 8'43	13°14	9°34	7°58	20°22	28°20	26°35	7°43	5°45	14°50	2°19	2°49	22°59	21°26	S 25
S 26	12 52 52	15° 7'32	25° 6	8°49	9°12	20°57	28°22	26°35	7°42	5°46	14°51	2° 7	2°46	23° 5	21°28	S 26
M27	12 56 49	16° 6'20	7♎ 0	8° 7	10°25	21°32	28°24	26°36	7°41	5°48	14°53	1°53	2°42	23°12	21°30	M27
T 28	13 0 45	17° 5'05	18°58	7°27	11°38	22° 6	28°27	26°37	7°40	5°50	14°54	1°39	2°39	23°19	21°31	T 28
W29	13 4 42	18° 3'48	1♏ 2	6°51	12°52	22°41	28°29	26°38	7°38	5°51	14°56	1°27	2°36	23°25	21°33	W29
T 30	13 8 38	19° 2'30	13°11	6°19	14° 5	23°16	28°32	26°39	7°37	5°53	14°57	1°17	2°33	23°32	21°35	T 30
F 31	13 12 35	20♈ 1'09	25♏29	5♈52	15♉18	23♊51	28♋35	26♋41	7♐36	5♊55	14♓58	1♑ 9	2♑30	23♍39	21♑36	F 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
W 1	3s48	13s 0	4s47	4n40	1n31	2n28	0s58	23n 7	1n39	21n17	0n47	21n24	0n34	21s36	0n 6	19n42	1s33	19s38	14s36	23s25	23s26	0s44	15s23	6n38
T 2	3 24	16 58	4 22	5 23	1 44	2 59	0 56	23 12	1 39	21 17	0 47	21 24	0 34	21 36	0 6	19 42	1 33	19 37	14 36	23 26	23 26	0 47	15 22	6 39
F 3	3 1	20 16	3 44	6 3	1 57	3 30	0 54	23 18	1 39	21 18	0 47	21 24	0 34	21 36	0 5	19 43	1 33	19 37	14 36	23 26	23 26	0 50	15 21	6 39
S 4	2 37	22 43	2 56	6 40	2 9	4 1	0 52	23 23	1 39	21 18	0 47	21 25	0 34	21 36	0 5	19 43	1 33	19 36	14 36	23 26	23 26	0 53	15 20	6 40
S 5	2 14	24 6	1 59	7 14	2 21	4 31	0 50	23 28	1 38	21 19	0 47	21 25	0 34	21 36	0 5	19 43	1 33	19 36	14 36	23 26	23 26	0 56	15 19	6 40
M 6	1 50	24 15	0 54	7 45	2 32	5 2	0 48	23 33	1 38	21 19	0 47	21 25	0 34	21 36	0 5	19 43	1 33	19 35	14 36	23 26	23 26	0 58	15 18	6 41
T 7	1 26	23 3	0n16	8 12	2 42	5 33	0 46	23 38	1 38	21 19	0 47	21 26	0 34	21 36	0 5	19 43	1 33	19 35	14 36	23 26	23 27	1 1	15 17	6 41
W 8	1 3	20 29	1 27	8 36	2 51	6 3	0 44	23 43	1 38	21 19	0 47	21 26	0 34	21 35	0 5	19 44	1 33	19 34	14 36	23 26	23 27	1 4	15 16	6 42
T 9	0 39	16 38	2 35	8 55	3 0	6 34	0 41	23 48	1 38	21 20	0 47	21 26	0 34	21 35	0 5	19 44	1 33	19 34	14 37	23 26	23 27	1 7	15 15	6 42
F 10	0 15	11 42	3 35	9 11	3 7	7 4	0 39	23 52	1 38	21 20	0 47	21 27	0 34	21 35	0 5	19 44	1 33	19 33	14 37	23 26	23 27	1 10	15 15	6 43
S 11	0n 8	5 56	4 22	9 22	3 13	7 34	0 37	23 57	1 38	21 20	0 47	21 27	0 34	21 35	0 5	19 44	1 33	19 33	14 37	23 27	23 27	1 12	15 14	6 43
S 12	0 32	0n16	4 51	9 29	3 18	8 4	0 34	24 1	1 38	21 20	0 47	21 27	0 34	21 35	0 5	19 45	1 33	19 32	14 37	23 27	23 27	1 15	15 13	6 44
M13	0 56	6 28	5 0	9 33	3 21	8 33	0 32	24 5	1 38	21 20	0 47	21 27	0 34	21 35	0 5	19 45	1 33	19 32	14 37	23 27	23 27	1 18	15 12	6 44
T 14	1 19	12 15	4 47	9 31	3 23	9 3	0 30	24 9	1 38	21 20	0 46	21 27	0 34	21 35	0 5	19 45	1 32	19 31	14 37	23 27	23 27	1 21	15 11	6 45
W15	1 43	17 12	4 15	9 26	3 24	9 32	0 27	24 13	1 37	21 20	0 46	21 27	0 34	21 35	0 5	19 45	1 32	19 31	14 37	23 28	23 27	1 24	15 10	6 45
T 16	2 6	20 58	3 27	9 17	3 22	10 1	0 25	24 17	1 37	21 20	0 46	21 27	0 34	21 35	0 5	19 46	1 32	19 30	14 37	23 28	23 27	1 27	15 9	6 46
F 17	2 30	23 20	2 28	9 4	3 19	10 30	0 22	24 21	1 37	21 20	0 46	21 28	0 34	21 35	0 5	19 46	1 32	19 30	14 38	23 28	23 27	1 29	15 8	6 46
S 18	2 53	24 14	1 21	8 47	3 15	10 59	0 20	24 24	1 37	21 20	0 46	21 28	0 34	21 35	0 5	19 46	1 32	19 29	14 38	23 28	23 27	1 32	15 7	6 47
S 19	3 17	23 43	0 13	8 27	3 8	11 27	0 17	24 27	1 37	21 20	0 46	21 28	0 34	21 35	0 5	19 47	1 32	19 29	14 38	23 28	23 28	1 35	15 6	6 47
M20	3 40	21 58	0s54	8 4	3 0	11 55	0 14	24 31	1 37	21 19	0 46	21 28	0 34	21 34	0 5	19 47	1 32	19 28	14 38	23 28	23 28	1 38	15 6	6 48
T 21	4 3	19 12	1 57	7 38	2 51	12 23	0 12	24 34	1 37	21 19	0 46	21 28	0 34	21 34	0 5	19 47	1 32	19 28	14 38	23 28	23 28	1 41	15 5	6 48
W22	4 26	15 39	2 53	7 10	2 40	12 50	0 9	24 37	1 36	21 19	0 46	21 28	0 35	21 34	0 5	19 48	1 32	19 28	14 38	23 28	23 28	1 43	15 4	6 49
T 23	4 50	11 31	3 40	6 40	2 28	13 18	0 6	24 39	1 36	21 19	0 46	21 28	0 35	21 34	0 5	19 48	1 32	19 27	14 39	23 28	23 28	1 46	15 3	6 50
F 24	5 13	6 59	4 18	6 10	2 14	13 45	0 4	24 42	1 36	21 18	0 46	21 27	0 35	21 34	0 5	19 48	1 32	19 27	14 39	23 28	23 28	1 49	15 2	6 50
S 25	5 35	2 14	4 44	5 38	2 0	14 11	0 1	24 45	1 36	21 18	0 46	21 27	0 35	21 34	0 5	19 48	1 32	19 26	14 39	23 29	23 28	1 52	15 1	6 51
S 26	5 58	2s36	4 58	5 6	1 45	14 37	0n 2	24 47	1 36	21 17	0 46	21 27	0 35	21 33	0 5	19 49	1 32	19 26	14 39	23 29	23 28	1 54	15 0	6 51
M27	6 21	7 22	4 59	4 35	1 29	15 3	0 4	24 49	1 36	21 17	0 46	21 27	0 35	21 33	0 5	19 49	1 32	19 26	14 39	23 29	23 28	1 57	15 0	6 52
T 28	6 44	11 52	4 47	4 5	1 13	15 29	0 7	24 51	1 36	21 16	0 46	21 27	0 35	21 33	0 5	19 49	1 32	19 25	14 39	23 29	23 28	2 0	14 59	6 52
W29	7 6	15 57	4 22	3 35	0 56	15 54	0 10	24 53	1 35	21 16	0 46	21 27	0 35	21 33	0 5	19 50	1 32	19 25	14 40	23 29	23 28	2 3	14 58	6 53
T 30	7 28	19 24	3 45	3 7	0 40	16 18	0 13	24 55	1 35	21 15	0 46	21 27	0 35	21 33	0 5	19 50	1 32	19 25	14 40	23 29	23 28	2 6	14 57	6 53
F 31	7n51	22s 2	2s57	2n41	0n23	16n43	0n16	24n56	1n35	21n14	0n46	21n26	0n35	21s32	0n 5	19n50	1s32	19s24	14s40	23s29	23s28	2s 8	14s56	6n54

Julian Day Number = 2292368.5, Delta T = 150.10 sec
Ecliptic obliquity = 23°29'47, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°39'30, Lahiri = 17°46'31 Julian Calendar 1 March 1564 == Greg. Calendar 11 March 1564

ASTRODIENST EPHEMERIS for the year 1564
geocentric

APRIL 1564 JC

00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	13 16 31	20♈59'47	7♐56	5°R29	16♉31	24♊26	28♋38	26♋42	7°R34	5♊56	15♓ 0	1°R 4	2♑27	23♍46	21♑37	S 1
S 2	13 20 28	21°58'23	20°35	5♈11	17°44	25° 1	28°41	26°44	7♐33	5°58	15° 1	1♑ 2	2°23	23°52	21°39	S 2
M 3	13 24 24	22°56'58	3♑29	4°58	18°57	25°36	28°45	26°45	7°31	6° 0	15° 2	1°D 1	2°20	23°59	21°40	M 3
T 4	13 28 21	23°55'30	16°40	4°50	20°10	26°11	28°48	26°47	7°30	6° 1	15° 3	1° 2	2°17	24° 6	21°41	T 4
W 5	13 32 18	24°54'02	0♒13	4°D48	21°23	26°46	28°52	26°49	7°28	6° 3	15° 5	1°R 2	2°14	24°12	21°42	W 5
T 6	13 36 14	25°52'31	14° 8	4°50	22°36	27°21	28°56	26°51	7°27	6° 5	15° 6	1° 0	2°11	24°19	21°43	T 6
F 7	13 40 11	26°50'59	28°27	4°58	23°49	27°56	29° 0	26°53	7°25	6° 7	15° 7	0°57	2° 7	24°26	21°44	F 7
S 8	13 44 7	27°49'25	13♓ 8	5°10	25° 1	28°31	29° 5	26°55	7°23	6° 9	15° 8	0°51	2° 4	24°33	21°45	S 8
S 9	13 48 4	28°47'49	28° 4	5°27	26°14	29° 7	29° 9	26°57	7°21	6°10	15°10	0°43	2° 1	24°39	21°46	S 9
M10	13 52 0	29°46'12	13♈ 9	5°49	27°27	29°42	29°14	27° 0	7°20	6°12	15°11	0°34	1°58	24°46	21°46	M10
T 11	13 55 57	0♉44'33	28°13	6°15	28°40	0♋17	29°18	27° 2	7°18	6°14	15°12	0°25	1°55	24°53	21°47	T 11
W12	13 59 53	1°42'53	13♉ 6	6°45	29°52	0°53	29°23	27° 5	7°16	6°16	15°13	0°17	1°52	25° 0	21°47	W12
T 13	14 3 50	2°41'10	27°39	7°20	1♊ 5	1°28	29°29	27° 7	7°14	6°18	15°14	0°11	1°48	25° 6	21°48	T 13
F 14	14 7 46	3°39'26	11♊47	7°58	2°17	2° 3	29°34	27°10	7°12	6°20	15°15	0° 7	1°45	25°13	21°48	F 14
S 15	14 11 43	4°37'40	25°27	8°40	3°30	2°39	29°39	27°13	7°10	6°22	15°17	0°D 6	1°42	25°20	21°48	S 15
S 16	14 15 40	5°35'51	8♋39	9°26	4°42	3°14	29°45	27°16	7° 8	6°24	15°18	0° 6	1°39	25°26	21°49	S 16
M17	14 19 36	6°34'01	21°27	10°15	5°54	3°50	29°51	27°19	7° 6	6°26	15°19	0° 7	1°36	25°33	21°49	M17
T 18	14 23 33	7°32'09	3♌54	11° 7	7° 7	4°25	29°56	27°22	7° 4	6°28	15°20	0°R 7	1°32	25°40	21°R49	T 18
W19	14 27 29	8°30'14	16° 5	12° 3	8°19	5° 1	0♌ 2	27°25	7° 2	6°30	15°21	0° 7	1°29	25°47	21°49	W19
T 20	14 31 26	9°28'18	28° 5	13° 2	9°31	5°36	0° 9	27°29	7° 0	6°32	15°22	0° 5	1°26	25°53	21°49	T 20
F 21	14 35 22	10°26'20	9♍58	14° 3	10°43	6°12	0°15	27°32	6°58	6°34	15°23	0° 1	1°23	26° 0	21°49	F 21
S 22	14 39 19	11°24'20	21°50	15° 8	11°55	6°48	0°21	27°36	6°56	6°36	15°24	29♐55	1°20	26° 7	21°48	S 22
S 23	14 43 15	12°22'18	3♎43	16°15	13° 7	7°23	0°28	27°39	6°54	6°38	15°25	29°48	1°17	26°13	21°48	S 23
M24	14 47 12	13°20'14	15°40	17°25	14°19	7°59	0°35	27°43	6°52	6°40	15°26	29°39	1°13	26°20	21°48	M24
T 25	14 51 9	14°18'09	27°45	18°38	15°31	8°35	0°42	27°47	6°50	6°42	15°27	29°31	1°10	26°27	21°47	T 25
W26	14 55 5	15°16'02	9♏57	19°53	16°43	9°10	0°49	27°51	6°47	6°44	15°28	29°23	1° 7	26°34	21°46	W26
T 27	14 59 2	16°13'53	22°19	21°10	17°55	9°46	0°56	27°55	6°45	6°47	15°29	29°16	1° 4	26°40	21°46	T 27
F 28	15 2 58	17°11'43	4♐52	22°30	19° 7	10°22	1° 3	27°59	6°43	6°49	15°29	29°12	1° 1	26°47	21°45	F 28
S 29	15 6 55	18° 9'32	17°35	23°53	20°18	10°58	1°10	28° 3	6°40	6°51	15°30	29° 9	0°58	26°54	21°44	S 29
S 30	15 10 51	19♉ 7'19	0♑30	25♈18	21♊30	11♋34	1♌18	28♋ 7	6♐38	6♊53	15♓31	29°D 9	0♑54	27♍ 1	21♑43	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	8n13	23s39	1s59	2n17	0n 7	17n 6	0n18	24n57	1n35	21n14	0n46	21n26	0n35	21s32	0n 5	19n51	1s32	19s24	14s40	23s30	23s28	2s11	14s56	6n55
S 2	8 35	24 5	0 55	1 56	0s 9	17 30	0 21	24 59	1 35	21 13	0 46	21 26	0 35	21 32	0 5	19 51	1 32	19 24	14 41	23 30	23 28	2 14	14 55	6 55
M 3	8 57	23 14	0n13	1 36	0 25	17 53	0 24	25 0	1 35	21 12	0 46	21 26	0 35	21 32	0 5	19 51	1 32	19 23	14 41	23 30	23 29	2 17	14 54	6 56
T 4	9 18	21 6	1 22	1 19	0 39	18 15	0 27	25 1	1 34	21 11	0 46	21 25	0 35	21 31	0 5	19 52	1 31	19 23	14 41	23 30	23 29	2 19	14 53	6 56
W 5	9 40	17 44	2 29	1 5	0 54	18 38	0 30	25 1	1 34	21 11	0 46	21 25	0 35	21 31	0 5	19 52	1 31	19 23	14 41	23 30	23 29	2 22	14 53	6 57
T 6	10 1	13 18	3 28	0 54	1 7	18 59	0 32	25 2	1 34	21 10	0 46	21 25	0 35	21 31	0 5	19 52	1 31	19 22	14 41	23 30	23 29	2 25	14 52	6 57
F 7	10 22	8 2	4 17	0 45	1 20	19 20	0 35	25 3	1 34	21 9	0 45	21 24	0 35	21 31	0 5	19 53	1 31	19 22	14 42	23 30	23 29	2 28	14 51	6 58
S 8	10 43	2 11	4 49	0 39	1 33	19 41	0 38	25 3	1 34	21 8	0 45	21 24	0 35	21 30	0 5	19 53	1 31	19 22	14 42	23 30	23 29	2 31	14 51	6 59
S 9	11 4	3n52	5 3	0 35	1 44	20 1	0 41	25 3	1 33	21 7	0 45	21 23	0 35	21 30	0 5	19 53	1 31	19 22	14 42	23 30	23 29	2 33	14 50	6 59
M10	11 25	9 45	4 56	0 34	1 55	20 21	0 43	25 3	1 33	21 6	0 45	21 23	0 35	21 30	0 5	19 54	1 31	19 21	14 42	23 30	23 29	2 36	14 49	7 0
T 11	11 46	15 3	4 29	0 35	2 5	20 40	0 46	25 3	1 33	21 5	0 45	21 23	0 35	21 30	0 5	19 54	1 31	19 21	14 43	23 30	23 29	2 39	14 49	7 0
W12	12 6	19 21	3 44	0 38	2 14	20 58	0 49	25 2	1 33	21 4	0 45	21 22	0 35	21 29	0 5	19 55	1 31	19 21	14 43	23 30	23 29	2 42	14 48	7 1
T 13	12 26	22 21	2 44	0 44	2 22	21 16	0 52	25 2	1 33	21 3	0 45	21 22	0 35	21 29	0 5	19 55	1 31	19 21	14 43	23 30	23 29	2 44	14 47	7 1
F 14	12 46	23 51	1 36	0 53	2 30	21 33	0 54	25 1	1 32	21 2	0 45	21 21	0 35	21 29	0 5	19 55	1 31	19 21	14 44	23 30	23 29	2 47	14 47	7 2
S 15	13 6	23 50	0 25	1 3	2 36	21 50	0 57	25 0	1 32	21 0	0 45	21 21	0 35	21 28	0 5	19 56	1 31	19 20	14 44	23 30	23 29	2 50	14 46	7 3
S 16	13 25	22 27	0s46	1 15	2 42	22 6	1 0	24 59	1 32	20 59	0 45	21 20	0 35	21 28	0 5	19 56	1 31	19 20	14 44	23 30	23 29	2 53	14 46	7 3
M17	13 44	19 56	1 52	1 30	2 48	22 22	1 2	24 58	1 32	20 58	0 45	21 19	0 35	21 28	0 5	19 56	1 31	19 20	14 44	23 30	23 29	2 55	14 45	7 4
T 18	14 3	16 33	2 51	1 46	2 52	22 37	1 5	24 57	1 31	20 57	0 45	21 19	0 35	21 27	0 5	19 57	1 31	19 20	14 45	23 30	23 29	2 58	14 44	7 4
W19	14 22	12 32	3 41	2 4	2 56	22 51	1 7	24 55	1 31	20 55	0 45	21 18	0 35	21 27	0 5	19 57	1 31	19 20	14 45	23 30	23 29	3 1	14 44	7 5
T 20	14 41	8 5	4 21	2 24	2 59	23 5	1 10	24 54	1 31	20 54	0 45	21 18	0 35	21 27	0 5	19 57	1 31	19 20	14 45	23 30	23 29	3 4	14 43	7 5
F 21	14 59	3 24	4 49	2 46	3 1	23 18	1 13	24 52	1 31	20 53	0 45	21 17	0 35	21 26	0 5	19 58	1 31	19 20	14 46	23 30	23 29	3 6	14 43	7 6
S 22	15 17	1s24	5 4	3 9	3 3	23 31	1 15	24 50	1 31	20 51	0 45	21 16	0 36	21 26	0 5	19 58	1 31	19 19	14 46	23 30	23 29	3 9	14 42	7 7
S 23	15 35	6 10	5 6	3 34	3 4	23 42	1 17	24 48	1 30	20 50	0 45	21 16	0 36	21 26	0 5	19 59	1 31	19 19	14 46	23 30	23 29	3 12	14 42	7 7
M24	15 53	10 43	4 55	4 1	3 5	23 54	1 20	24 45	1 30	20 48	0 45	21 15	0 36	21 25	0 5	19 59	1 31	19 19	14 46	23 30	23 29	3 15	14 41	7 8
T 25	16 10	14 54	4 31	4 29	3 4	24 4	1 22	24 43	1 30	20 47	0 45	21 14	0 36	21 25	0 5	19 59	1 31	19 19	14 47	23 30	23 29	3 17	14 41	7 8
W26	16 27	18 32	3 54	4 58	3 3	24 14	1 24	24 40	1 30	20 45	0 45	21 13	0 36	21 25	0 5	20 0	1 31	19 19	14 47	23 30	23 29	3 20	14 40	7 9
T 27	16 44	21 23	3 6	5 28	3 2	24 23	1 27	24 37	1 29	20 44	0 45	21 13	0 36	21 24	0 5	20 0	1 31	19 19	14 47	23 30	23 29	3 23	14 40	7 9
F 28	17 0	23 15	2 8	6 0	3 0	24 32	1 29	24 34	1 29	20 42	0 45	21 12	0 36	21 24	0 5	20 0	1 31	19 19	14 48	23 30	23 30	3 26	14 39	7 10
S 29	17 17	23 57	1 2	6 33	2 57	24 39	1 31	24 31	1 29	20 40	0 45	21 11	0 36	21 23	0 5	20 1	1 31	19 19	14 48	23 30	23 30	3 28	14 39	7 10
S 30	17n33	23s22	0n 7	7n 7	2s53	24n46	1n33	24n28	1n29	20n39	0n45	21n10	0n36	21s23	0n 5	20n 1	1s31	19s19	14s48	23s30	23s30	3s31	14s39	7n11

Julian Day Number = 2292399.5, Delta T = 149.93 sec
Ecliptic obliquity = 23°29'46, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°39'35, Lahiri = 17°46'35 Julian Calendar 1 Apr. 1564 == Greg. Calendar 11 Apr. 1564

ASTRODIENST EPHEMERIS for the year 1564
geocentric

MAY 1564 JC

00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	15 14 48	20♉ 5'06	13♌38	26♈45	22♊41	12♋ 9	1♌26	28♋11	6°R36	6♊55	15♓32	29♐ 9	0♌51	27♍ 7	21°R43	M 1
T 2	15 18 44	21° 2'51	27° 1	28°14	23°53	12°45	1°33	28°16	6♐34	6°57	15°33	29°11	0°48	27°14	21♌42	T 2
W 3	15 22 41	22° 0'34	10♒39	29°46	25° 4	13°21	1°41	28°20	6°31	7° 0	15°33	29°12	0°45	27°21	21°40	W 3
T 4	15 26 38	22°58'17	24°32	1♉20	26°16	13°57	1°49	28°25	6°29	7° 2	15°34	29°R13	0°42	27°27	21°39	T 4
F 5	15 30 34	23°55'59	8♓42	2°56	27°27	14°33	1°57	28°30	6°26	7° 4	15°35	29°12	0°38	27°34	21°38	F 5
S 6	15 34 31	24°53'39	23° 6	4°34	28°38	15° 9	2° 6	28°34	6°24	7° 6	15°36	29° 9	0°35	27°41	21°37	S 6
S 7	15 38 27	25°51'19	7♈41	6°15	29°49	15°45	2°14	28°39	6°22	7° 8	15°36	29° 6	0°32	27°48	21°35	S 7
M 8	15 42 24	26°48'57	22°22	7°58	1♋ 1	16°21	2°23	28°44	6°19	7°10	15°37	29° 1	0°29	27°54	21°34	M 8
T 9	15 46 20	27°46'35	7♉ 2	9°43	2°12	16°57	2°31	28°49	6°17	7°13	15°38	28°57	0°26	28° 1	21°32	T 9
W10	15 50 17	28°44'12	21°34	11°30	3°23	17°33	2°40	28°54	6°14	7°15	15°38	28°53	0°23	28° 8	21°31	W10
T 11	15 54 13	29°41'47	5♊52	13°20	4°33	18° 9	2°49	28°59	6°12	7°17	15°39	28°50	0°19	28°15	21°29	T 11
F 12	15 58 10	0♊39'21	19°50	15°12	5°44	18°46	2°58	29° 4	6° 9	7°19	15°39	28°48	0°16	28°21	21°27	F 12
S 13	16 2 7	1°36'54	3♋26	17° 6	6°55	19°22	3° 7	29° 9	6° 7	7°22	15°40	28°D48	0°13	28°28	21°26	S 13
S 14	16 6 3	2°34'26	16°38	19° 2	8° 6	19°58	3°16	29°15	6° 4	7°24	15°41	28°49	0°10	28°35	21°24	S 14
M15	16 10 0	3°31'57	29°28	21° 0	9°16	20°34	3°25	29°20	6° 2	7°26	15°41	28°50	0° 7	28°41	21°22	M15
T 16	16 13 56	4°29'26	11♌58	23° 0	10°27	21°10	3°35	29°26	5°59	7°28	15°42	28°52	0° 4	28°48	21°20	T 16
W17	16 17 53	5°26'54	24°11	25° 2	11°37	21°47	3°44	29°31	5°57	7°31	15°42	28°53	0° 0	28°55	21°18	W17
T 18	16 21 49	6°24'20	6♍14	27° 6	12°48	22°23	3°54	29°37	5°55	7°33	15°42	28°R54	29♐57	29° 2	21°16	T 18
F 19	16 25 46	7°21'46	18° 9	29°12	13°58	22°59	4° 3	29°42	5°52	7°35	15°43	28°53	29°54	29° 8	21°14	F 19
S 20	16 29 42	8°19'10	0♎ 2	1♊19	15° 8	23°35	4°13	29°48	5°50	7°37	15°43	28°52	29°51	29°15	21°11	S 20
S 21	16 33 39	9°16'33	11°57	3°28	16°18	24°12	4°23	29°54	5°47	7°40	15°44	28°50	29°48	29°22	21° 9	S 21
M22	16 37 36	10°13'55	23°58	5°37	17°28	24°48	4°33	29°59	5°45	7°42	15°44	28°47	29°44	29°28	21° 7	M22
T 23	16 41 32	11°11'16	6♏ 8	7°48	18°38	25°25	4°43	0♌ 6	5°42	7°44	15°44	28°44	29°41	29°35	21° 4	T 23
W24	16 45 29	12° 8'36	18°29	10° 0	19°48	26° 1	4°53	0°12	5°40	7°46	15°45	28°42	29°38	29°42	21° 2	W24
T 25	16 49 25	13° 5'55	1♐ 4	12°11	20°58	26°37	5° 3	0°18	5°37	7°49	15°45	28°40	29°35	29°49	20°59	T 25
F 26	16 53 22	14° 3'13	13°54	14°23	22° 8	27°14	5°14	0°24	5°35	7°51	15°45	28°39	29°32	29°55	20°57	F 26
S 27	16 57 18	15° 0'31	26°57	16°35	23°17	27°50	5°24	0°30	5°32	7°53	15°45	28°D38	29°29	0♎ 2	20°54	S 27
S 28	17 1 15	15°57'48	10♌15	18°47	24°27	28°27	5°35	0°36	5°30	7°55	15°46	28°38	29°25	0° 9	20°51	S 28
M29	17 5 12	16°55'05	23°46	20°58	25°36	29° 3	5°45	0°42	5°28	7°57	15°46	28°39	29°22	0°16	20°49	M29
T 30	17 9 8	17°52'21	7♒30	23° 8	26°45	29°40	5°56	0°49	5°25	8° 0	15°46	28°40	29°19	0°22	20°46	T 30
W31	17 13 5	18♊49'37	21♒24	25♊16	27♋55	0♌16	6♌ 7	0♌55	5♐23	8♊ 2	15♓46	28♐41	29♐16	0♎29	20♌43	W31

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
M 1	17n48	21s30	1n18	7n42	2s49	24n53	1n35	24n24	1n28	20n37	0n45	21n 9	0n36	21s23	0n 5	20n 2	1s31	19s19	14s49	23s30	23s30	3s34	14s38	7n12
T 2	18 4	18 25	2 26	8 18	2 45	24 58	1 37	24 21	1 28	20 35	0 45	21 9	0 36	21 22	0 5	20 2	1 31	19 19	14 49	23 30	23 30	3 36	14 38	7 12
W 3	18 19	14 18	3 26	8 55	2 40	25 3	1 39	24 17	1 28	20 33	0 44	21 8	0 36	21 22	0 5	20 2	1 31	19 19	14 49	23 30	23 30	3 39	14 37	7 13
T 4	18 34	9 20	4 16	9 33	2 34	25 8	1 41	24 13	1 28	20 31	0 44	21 7	0 36	21 22	0 5	20 3	1 31	19 19	14 50	23 30	23 30	3 42	14 37	7 13
F 5	18 48	3 49	4 52	10 12	2 28	25 11	1 43	24 9	1 27	20 30	0 44	21 6	0 36	21 21	0 5	20 3	1 31	19 19	14 50	23 30	23 30	3 45	14 37	7 14
S 6	19 2	2n 0	5 10	10 51	2 21	25 14	1 45	24 5	1 27	20 28	0 44	21 5	0 36	21 21	0 5	20 4	1 31	19 19	14 50	23 30	23 30	3 47	14 36	7 14
S 7	19 16	7 46	5 8	11 31	2 14	25 16	1 47	24 0	1 27	20 26	0 44	21 4	0 36	21 20	0 5	20 4	1 31	19 19	14 51	23 30	23 30	3 50	14 36	7 15
M 8	19 29	13 9	4 46	12 12	2 7	25 18	1 48	23 56	1 27	20 24	0 44	21 3	0 36	21 20	0 5	20 4	1 31	19 19	14 51	23 30	23 30	3 53	14 36	7 15
T 9	19 43	17 45	4 6	12 53	1 59	25 18	1 50	23 51	1 26	20 22	0 44	21 2	0 36	21 19	0 5	20 5	1 31	19 19	14 51	23 29	23 30	3 55	14 36	7 16
W10	19 56	21 15	3 10	13 34	1 50	25 18	1 51	23 46	1 26	20 20	0 44	21 1	0 36	21 19	0 5	20 5	1 30	19 19	14 52	23 29	23 30	3 58	14 35	7 16
T 11	20 8	23 21	2 2	14 16	1 41	25 18	1 53	23 41	1 26	20 18	0 44	21 0	0 36	21 19	0 5	20 5	1 30	19 19	14 52	23 29	23 30	4 1	14 35	7 17
F 12	20 20	23 55	0 49	14 58	1 32	25 16	1 54	23 36	1 26	20 16	0 44	20 59	0 36	21 18	0 5	20 6	1 30	19 19	14 52	23 29	23 30	4 4	14 35	7 17
S 13	20 32	23 2	0s25	15 40	1 22	25 14	1 55	23 30	1 25	20 13	0 44	20 58	0 36	21 18	0 5	20 6	1 30	19 19	14 53	23 29	23 30	4 6	14 35	7 18
S 14	20 43	20 52	1 36	16 21	1 12	25 11	1 57	23 25	1 25	20 11	0 44	20 57	0 36	21 17	0 5	20 7	1 30	19 20	14 53	23 29	23 30	4 9	14 34	7 18
M15	20 55	17 42	2 40	17 3	1 2	25 8	1 58	23 19	1 25	20 9	0 44	20 56	0 36	21 17	0 5	20 7	1 30	19 20	14 54	23 29	23 30	4 12	14 34	7 19
T 16	21 5	13 48	3 35	17 44	0 52	25 4	1 59	23 13	1 25	20 7	0 44	20 55	0 36	21 17	0 5	20 7	1 30	19 20	14 54	23 29	23 30	4 14	14 34	7 19
W17	21 16	9 25	4 19	18 24	0 41	24 59	2 0	23 7	1 24	20 5	0 44	20 54	0 36	21 16	0 5	20 8	1 30	19 20	14 54	23 29	23 30	4 17	14 34	7 19
T 18	21 26	4 45	4 50	19 4	0 30	24 53	2 1	23 1	1 24	20 2	0 44	20 52	0 36	21 16	0 5	20 8	1 30	19 20	14 55	23 29	23 30	4 20	14 34	7 20
F 19	21 35	0s 3	5 9	19 42	0 20	24 47	2 2	22 54	1 24	20 0	0 44	20 51	0 36	21 15	0 5	20 8	1 30	19 20	14 55	23 29	23 30	4 22	14 34	7 20
S 20	21 45	4 49	5 15	20 20	0 9	24 40	2 2	22 48	1 23	19 58	0 44	20 50	0 36	21 15	0 5	20 9	1 30	19 20	14 55	23 29	23 30	4 25	14 34	7 21
S 21	21 54	9 26	5 6	20 56	0n 2	24 32	2 3	22 41	1 23	19 55	0 44	20 49	0 37	21 14	0 5	20 9	1 30	19 21	14 56	23 29	23 30	4 28	14 34	7 21
M22	22 2	13 44	4 45	21 30	0 13	24 24	2 4	22 35	1 23	19 53	0 44	20 48	0 37	21 14	0 5	20 10	1 30	19 21	14 56	23 29	23 30	4 31	14 34	7 22
T 23	22 10	17 32	4 10	22 2	0 23	24 15	2 4	22 28	1 23	19 50	0 44	20 46	0 37	21 14	0 5	20 10	1 30	19 21	14 56	23 29	23 30	4 33	14 33	7 22
W24	22 18	20 38	3 24	22 33	0 33	24 5	2 5	22 21	1 22	19 48	0 44	20 45	0 37	21 13	0 5	20 10	1 30	19 21	14 57	23 29	23 30	4 36	14 33	7 22
T 25	22 25	22 49	2 26	23 1	0 43	23 55	2 5	22 13	1 22	19 46	0 44	20 44	0 37	21 13	0 5	20 11	1 30	19 21	14 57	23 29	23 30	4 39	14 33	7 23
F 26	22 32	23 51	1 21	23 27	0 52	23 44	2 5	22 6	1 22	19 43	0 44	20 43	0 37	21 12	0 5	20 11	1 30	19 22	14 58	23 29	23 30	4 41	14 33	7 23
S 27	22 39	23 37	0 9	23 50	1 1	23 32	2 5	21 58	1 21	19 40	0 44	20 41	0 37	21 12	0 5	20 11	1 30	19 22	14 58	23 29	23 30	4 44	14 33	7 24
S 28	22 45	22 2	1n 4	24 11	1 10	23 20	2 5	21 51	1 21	19 38	0 44	20 40	0 37	21 11	0 5	20 12	1 30	19 22	14 58	23 29	23 30	4 47	14 33	7 24
M29	22 51	19 11	2 15	24 29	1 18	23 7	2 5	21 43	1 21	19 35	0 44	20 39	0 37	21 11	0 5	20 12	1 30	19 22	14 59	23 29	23 30	4 49	14 33	7 24
T 30	22 56	15 14	3 19	24 44	1 25	22 54	2 5	21 35	1 21	19 33	0 44	20 37	0 37	21 11	0 5	20 12	1 30	19 23	14 59	23 29	23 30	4 52	14 33	7 25
W31	23n 1	10s25	4n12	24n56	1n31	22n40	2n 5	21n27	1n20	19n30	0n44	20n36	0n37	21s10	0n 5	20n13	1s30	19s23	14s59	23s29	23s30	4s55	14s34	7n25

Julian Day Number = 2292429.5, Delta T = 149.77 sec
Ecliptic obliquity = 23°29'45, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°39'39, Lahiri = 17°46'39 Julian Calendar 1 May 1564 == Greg. Calendar 11 May 1564

ASTRODIENST EPHEMERIS for the year 1564
geocentric

JUNE 1564 JC

00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	17 17 1	19♊46'52	5♓27	27♊24	29♋ 4	0♌53	6♌17	1♌ 2	5°R20	8♊ 4	15♓46	28♐41	29♐13	0♎36	20°R40	T 1
F 2	17 20 58	20°44'07	19°37	29°30	0♌13	1°29	6°28	1° 8	5♐18	8° 6	15°46	28°R42	29°10	0°42	20♑37	F 2
S 3	17 24 54	21°41'22	3♈53	1♋34	1°21	2° 6	6°39	1°15	5°16	8° 8	15°46	28°42	29° 6	0°49	20°34	S 3
S 4	17 28 51	22°38'37	18°10	3°37	2°30	2°43	6°50	1°21	5°13	8°11	15°47	28°41	29° 3	0°56	20°31	S 4
M 5	17 32 47	23°35'51	2♉27	5°38	3°39	3°19	7° 1	1°28	5°11	8°13	15°47	28°41	29° 0	1° 3	20°28	M 5
T 6	17 36 44	24°33'06	16°40	7°36	4°47	3°56	7°12	1°34	5° 9	8°15	15°R47	28°40	28°57	1° 9	20°25	T 6
W 7	17 40 41	25°30'20	0♊45	9°33	5°56	4°33	7°24	1°41	5° 6	8°17	15°47	28°40	28°54	1°16	20°22	W 7
T 8	17 44 37	26°27'35	14°38	11°28	7° 4	5° 9	7°35	1°48	5° 4	8°19	15°46	28°40	28°50	1°23	20°19	T 8
F 9	17 48 34	27°24'49	28°16	13°20	8°12	5°46	7°46	1°55	5° 2	8°22	15°46	28°D40	28°47	1°30	20°16	F 9
S 10	17 52 30	28°22'02	11♋37	15°11	9°21	6°23	7°58	2° 2	5° 0	8°24	15°46	28°R40	28°44	1°36	20°12	S 10
S 11	17 56 27	29°19'16	24°40	16°59	10°29	7° 0	8° 9	2° 9	4°58	8°26	15°46	28°40	28°41	1°43	20° 9	S 11
M12	18 0 23	0♋16'29	7♌24	18°45	11°36	7°36	8°21	2°15	4°55	8°28	15°46	28°39	28°38	1°50	20° 6	M12
T 13	18 4 20	1°13'41	19°53	20°29	12°44	8°13	8°33	2°22	4°53	8°30	15°46	28°39	28°35	1°56	20° 2	T 13
W14	18 8 16	2°10'54	2♍ 7	22°11	13°52	8°50	8°44	2°29	4°51	8°32	15°46	28°39	28°31	2° 3	19°59	W14
T 15	18 12 13	3° 8'05	14°10	23°50	14°59	9°27	8°56	2°37	4°49	8°34	15°46	28°38	28°28	2°10	19°56	T 15
F 16	18 16 10	4° 5'17	26° 6	25°27	16° 6	10° 4	9° 8	2°44	4°47	8°36	15°45	28°38	28°25	2°17	19°52	F 16
S 17	18 20 6	5° 2'28	7♎59	27° 3	17°13	10°41	9°20	2°51	4°45	8°38	15°45	28°D38	28°22	2°23	19°49	S 17
S 18	18 24 3	5°59'39	19°55	28°35	18°20	11°18	9°32	2°58	4°43	8°40	15°45	28°38	28°19	2°30	19°45	S 18
M19	18 27 59	6°56'50	1♏57	0♌ 6	19°27	11°55	9°44	3° 5	4°41	8°42	15°45	28°39	28°16	2°37	19°42	M19
T 20	18 31 56	7°54'01	14° 9	1°34	20°34	12°32	9°56	3°12	4°39	8°44	15°44	28°40	28°12	2°44	19°38	T 20
W21	18 35 52	8°51'11	26°36	3° 1	21°41	13° 9	10° 8	3°20	4°37	8°46	15°44	28°41	28° 9	2°50	19°35	W21
T 22	18 39 49	9°48'22	9♐21	4°24	22°47	13°46	10°20	3°27	4°35	8°48	15°44	28°41	28° 6	2°57	19°31	T 22
F 23	18 43 45	10°45'32	22°24	5°46	23°53	14°23	10°32	3°34	4°33	8°50	15°43	28°R42	28° 3	3° 4	19°28	F 23
S 24	18 47 42	11°42'43	5♑47	7° 5	24°59	15° 0	10°44	3°42	4°32	8°52	15°43	28°42	28° 0	3°10	19°24	S 24
S 25	18 51 39	12°39'54	19°29	8°22	26° 5	15°37	10°56	3°49	4°30	8°54	15°42	28°41	27°56	3°17	19°21	S 25
M26	18 55 35	13°37'05	3♒27	9°36	27°11	16°14	11° 9	3°56	4°28	8°56	15°42	28°40	27°53	3°24	19°17	M26
T 27	18 59 32	14°34'16	17°37	10°48	28°16	16°51	11°21	4° 4	4°26	8°58	15°41	28°38	27°50	3°31	19°13	T 27
W28	19 3 28	15°31'28	1♓56	11°57	29°21	17°28	11°33	4°11	4°25	9° 0	15°41	28°36	27°47	3°37	19°10	W28
T 29	19 7 25	16°28'40	16°18	13° 3	0♍26	18° 6	11°46	4°19	4°23	9° 2	15°40	28°34	27°44	3°44	19° 6	T 29
F 30	19 11 21	17♋25'53	0♈40	14♌ 7	1♍31	18♌43	11♌58	4♌26	4♐21	9♊ 4	15♓40	28♐33	27♐41	3♎51	19♑ 3	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	23n 6	5s 1	4n51	25n 5	1n37	22n25	2n 4	21n19	1n20	19n27	0n44	20n35	0n37	21s10	0n 5	20n13	1s30	19s23	15s 0	23s29	23s30	4s57	14s34	7n25
F 2	23 10	0n40	5 13	25 12	1 42	22 10	2 4	21 10	1 20	19 24	0 44	20 33	0 37	21 9	0 5	20 13	1 30	19 24	15 0	23 29	23 30	5 0	14 34	7 26
S 3	23 14	6 22	5 15	25 16	1 47	21 55	2 3	21 2	1 19	19 22	0 44	20 32	0 37	21 9	0 5	20 14	1 30	19 24	15 1	23 29	23 30	5 3	14 34	7 26
S 4	23 17	11 44	4 59	25 17	1 50	21 38	2 3	20 53	1 19	19 19	0 44	20 31	0 37	21 9	0 5	20 14	1 30	19 24	15 1	23 29	23 30	5 5	14 34	7 26
M 5	23 20	16 28	4 23	25 16	1 53	21 21	2 2	20 44	1 19	19 16	0 44	20 29	0 37	21 8	0 5	20 14	1 30	19 25	15 1	23 29	23 30	5 8	14 34	7 27
T 6	23 23	20 15	3 32	25 12	1 55	21 4	2 1	20 35	1 18	19 13	0 44	20 28	0 37	21 8	0 5	20 15	1 30	19 25	15 2	23 29	23 29	5 10	14 34	7 27
W 7	23 25	22 47	2 29	25 6	1 57	20 46	2 0	20 26	1 18	19 10	0 44	20 26	0 37	21 7	0 5	20 15	1 30	19 25	15 2	23 29	23 29	5 13	14 34	7 27
T 8	23 27	23 53	1 17	24 57	1 58	20 28	1 59	20 17	1 18	19 7	0 44	20 25	0 37	21 7	0 5	20 15	1 30	19 26	15 2	23 29	23 29	5 16	14 35	7 28
F 9	23 28	23 31	0 2	24 46	1 58	20 9	1 58	20 8	1 17	19 5	0 44	20 23	0 37	21 7	0 5	20 16	1 30	19 26	15 3	23 29	23 29	5 18	14 35	7 28
S 10	23 29	21 48	1s11	24 34	1 57	19 50	1 56	19 58	1 17	19 2	0 44	20 22	0 37	21 6	0 5	20 16	1 30	19 26	15 3	23 29	23 29	5 21	14 35	7 28
S 11	23 30	18 58	2 19	24 19	1 56	19 30	1 55	19 48	1 17	18 59	0 44	20 20	0 37	21 6	0 5	20 16	1 30	19 27	15 4	23 29	23 29	5 24	14 35	7 28
M12	23 30	15 16	3 19	24 3	1 53	19 10	1 54	19 39	1 17	18 56	0 44	20 19	0 38	21 5	0 5	20 17	1 30	19 27	15 4	23 29	23 29	5 26	14 35	7 29
T 13	23 29	10 58	4 7	23 45	1 51	18 49	1 52	19 29	1 16	18 53	0 44	20 17	0 38	21 5	0 5	20 17	1 30	19 27	15 4	23 29	23 29	5 29	14 36	7 29
W14	23 29	6 20	4 44	23 26	1 47	18 28	1 50	19 19	1 16	18 49	0 44	20 16	0 38	21 5	0 5	20 17	1 31	19 28	15 5	23 29	23 29	5 32	14 36	7 29
T 15	23 27	1 32	5 7	23 5	1 44	18 6	1 48	19 9	1 16	18 46	0 44	20 14	0 38	21 4	0 5	20 18	1 31	19 28	15 5	23 29	23 29	5 34	14 36	7 29
F 16	23 26	3s17	5 16	22 43	1 39	17 44	1 46	18 58	1 15	18 43	0 44	20 12	0 38	21 4	0 5	20 18	1 31	19 29	15 5	23 29	23 29	5 37	14 37	7 29
S 17	23 24	7 57	5 13	22 20	1 34	17 22	1 44	18 48	1 15	18 40	0 44	20 11	0 38	21 4	0 5	20 18	1 31	19 29	15 6	23 29	23 29	5 40	14 37	7 30
S 18	23 22	12 21	4 55	21 56	1 28	16 59	1 42	18 37	1 15	18 37	0 44	20 9	0 38	21 3	0 5	20 19	1 31	19 30	15 6	23 29	23 29	5 42	14 37	7 30
M19	23 19	16 19	4 25	21 31	1 22	16 36	1 40	18 27	1 14	18 34	0 44	20 8	0 38	21 3	0 5	20 19	1 31	19 30	15 6	23 29	23 29	5 45	14 37	7 30
T 20	23 16	19 39	3 42	21 5	1 15	16 12	1 37	18 16	1 14	18 30	0 44	20 6	0 38	21 3	0 5	20 19	1 31	19 30	15 7	23 29	23 29	5 47	14 38	7 30
W21	23 12	22 10	2 48	20 38	1 8	15 49	1 35	18 5	1 14	18 27	0 44	20 4	0 38	21 2	0 5	20 19	1 31	19 31	15 7	23 29	23 29	5 50	14 38	7 30
T 22	23 8	23 38	1 45	20 11	1 0	15 24	1 32	17 54	1 13	18 24	0 44	20 3	0 38	21 2	0 5	20 20	1 31	19 31	15 7	23 29	23 29	5 53	14 39	7 30
F 23	23 4	23 51	0 35	19 43	0 52	15 0	1 29	17 43	1 13	18 21	0 44	20 1	0 38	21 2	0 5	20 20	1 31	19 32	15 8	23 29	23 29	5 55	14 39	7 30
S 24	22 59	22 43	0n39	19 15	0 43	14 35	1 27	17 32	1 13	18 17	0 44	19 59	0 38	21 1	0 5	20 20	1 31	19 32	15 8	23 29	23 29	5 58	14 39	7 30
S 25	22 53	20 13	1 52	18 46	0 34	14 10	1 24	17 21	1 12	18 14	0 44	19 58	0 38	21 1	0 5	20 21	1 31	19 33	15 9	23 29	23 29	6 0	14 40	7 31
M26	22 48	16 30	3 0	18 17	0 25	13 44	1 21	17 9	1 12	18 11	0 44	19 56	0 38	21 1	0 5	20 21	1 31	19 33	15 9	23 29	23 29	6 3	14 40	7 31
T 27	22 42	11 48	3 58	17 48	0 15	13 19	1 17	16 58	1 12	18 7	0 44	19 54	0 38	21 0	0 5	20 21	1 31	19 34	15 9	23 29	23 29	6 6	14 40	7 31
W28	22 35	6 25	4 42	17 19	0 4	12 53	1 14	16 46	1 11	18 4	0 44	19 53	0 38	21 0	0 4	20 21	1 31	19 34	15 10	23 29	23 29	6 8	14 41	7 31
T 29	22 29	0 41	5 8	16 50	0s 6	12 27	1 10	16 34	1 11	18 0	0 44	19 51	0 38	21 0	0 4	20 22	1 31	19 35	15 10	23 29	23 29	6 11	14 41	7 31
F 30	22n21	5n 5	5n15	16n21	0s18	12n 0	1n 7	16n22	1n11	17n57	0n44	19n49	0n39	20s59	0n 4	20n22	1s31	19s35	15s10	23s29	23s29	6s13	14s42	7n31

Julian Day Number = 2292460.5, Delta T = 149.59 sec
Ecliptic obliquity = 23°29'45, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°39'43, Lahiri = 17°46'44 Julian Calendar 1 June 1564 == Greg. Calendar 11 June 1564

ASTRODIENST EPHEMERIS for the year 1564
geocentric

JULY 1564 JC

00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	19 15 18	18♋23'07	14♈57	15♌ 8	2♍36	19♌20	12♌11	4♌34	4°R20	9♊ 6	15°R39	28°D32	27♐37	3♎57	18°R59	S 1
S 2	19 19 14	19°20'21	29° 7	16° 5	3°40	19°57	12°23	4°41	4♐18	9° 7	15♓39	28♐32	27°34	4° 4	18♑55	S 2
M 3	19 23 11	20°17'37	13♉ 7	17° 0	4°45	20°35	12°36	4°49	4°17	9° 9	15°38	28°33	27°31	4°11	18°52	M 3
T 4	19 27 8	21°14'53	26°57	17°52	5°49	21°12	12°49	4°56	4°15	9°11	15°38	28°35	27°28	4°18	18°48	T 4
W 5	19 31 4	22°12'10	10♊36	18°40	6°52	21°49	13° 1	5° 4	4°14	9°13	15°37	28°36	27°25	4°24	18°45	W 5
T 6	19 35 1	23° 9'27	24° 2	19°25	7°56	22°27	13°14	5°12	4°13	9°14	15°36	28°R37	27°22	4°31	18°41	T 6
F 7	19 38 57	24° 6'46	7♋16	20° 6	8°59	23° 4	13°27	5°19	4°11	9°16	15°36	28°36	27°18	4°38	18°37	F 7
S 8	19 42 54	25° 4'05	20°17	20°44	10° 3	23°41	13°39	5°27	4°10	9°18	15°35	28°35	27°15	4°45	18°34	S 8
S 9	19 46 50	26° 1'25	3♌ 5	21°17	11° 5	24°19	13°52	5°35	4° 9	9°20	15°34	28°32	27°12	4°51	18°30	S 9
M10	19 50 47	26°58'45	15°39	21°47	12° 8	24°56	14° 5	5°42	4° 8	9°21	15°34	28°28	27° 9	4°58	18°27	M10
T 11	19 54 44	27°56'06	28° 0	22°12	13°10	25°34	14°18	5°50	4° 7	9°23	15°33	28°23	27° 6	5° 5	18°23	T 11
W12	19 58 40	28°53'28	10♍10	22°32	14°13	26°11	14°31	5°58	4° 6	9°24	15°32	28°18	27° 2	5°11	18°20	W12
T 13	20 2 37	29°50'50	22°11	22°48	15°14	26°49	14°43	6° 5	4° 4	9°26	15°31	28°14	26°59	5°18	18°16	T 13
F 14	20 6 33	0♌48'13	4♎ 6	23° 0	16°16	27°27	14°56	6°13	4° 3	9°28	15°30	28°10	26°56	5°25	18°13	F 14
S 15	20 10 30	1°45'36	15°58	23° 6	17°17	28° 4	15° 9	6°21	4° 3	9°29	15°30	28° 7	26°53	5°32	18° 9	S 15
S 16	20 14 26	2°43'00	27°52	23°R 7	18°18	28°42	15°22	6°28	4° 2	9°31	15°29	28°D 6	26°50	5°38	18° 6	S 16
M17	20 18 23	3°40'25	9♏52	23° 4	19°19	29°19	15°35	6°36	4° 1	9°32	15°28	28° 6	26°47	5°45	18° 2	M17
T 18	20 22 19	4°37'50	22° 4	22°54	20°19	29°57	15°48	6°44	4° 0	9°34	15°27	28° 7	26°43	5°52	17°59	T 18
W19	20 26 16	5°35'16	4♐31	22°40	21°19	0♍35	16° 1	6°52	3°59	9°35	15°26	28° 8	26°40	5°58	17°55	W19
T 20	20 30 12	6°32'43	17°18	22°21	22°18	1°13	16°14	6°59	3°58	9°36	15°25	28°10	26°37	6° 5	17°52	T 20
F 21	20 34 9	7°30'11	0♑29	21°56	23°17	1°50	16°27	7° 7	3°58	9°38	15°24	28°R10	26°34	6°12	17°49	F 21
S 22	20 38 6	8°27'40	14° 4	21°26	24°16	2°28	16°40	7°15	3°57	9°39	15°23	28° 9	26°31	6°19	17°46	S 22
S 23	20 42 2	9°25'09	28° 4	20°52	25°15	3° 6	16°53	7°22	3°57	9°41	15°23	28° 6	26°28	6°25	17°42	S 23
M24	20 45 59	10°22'40	12♒25	20°14	26°13	3°44	17° 6	7°30	3°56	9°42	15°22	28° 1	26°24	6°32	17°39	M24
T 25	20 49 55	11°20'11	27° 2	19°32	27°10	4°22	17°19	7°38	3°56	9°43	15°21	27°55	26°21	6°39	17°36	T 25
W26	20 53 52	12°17'44	11♓49	18°46	28° 7	4°59	17°33	7°46	3°55	9°44	15°20	27°49	26°18	6°46	17°33	W26
T 27	20 57 48	13°15'18	26°36	17°59	29° 4	5°37	17°46	7°53	3°55	9°46	15°19	27°43	26°15	6°52	17°30	T 27
F 28	21 1 45	14°12'54	11♈17	17° 9	0♎ 0	6°15	17°59	8° 1	3°55	9°47	15°18	27°37	26°12	6°59	17°27	F 28
S 29	21 5 41	15°10'31	25°45	16°19	0°56	6°53	18°12	8° 9	3°54	9°48	15°17	27°34	26° 8	7° 6	17°24	S 29
S 30	21 9 38	16° 8'10	9♉58	15°30	1°52	7°31	18°25	8°16	3°54	9°49	15°16	27°32	26° 5	7°12	17°21	S 30
M31	21 13 35	17♌ 5'50	23♉52	14♌41	2♎46	8♍ 9	18♌38	8♌24	3♐54	9♊50	15♓15	27°D32	26♐ 2	7♎19	17♑18	M31

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
S 1	22n14	10n33	5n 2	15n52	0s29	11n33	1n 3	16n10	1n10	17n53	0n44	19n48	0n39	20s59	0n 4	20n22	1s31	19s36	15s11	23s29	23s28	6s16	14s42	7n31
S 2	22 6	15 24	4 31	15 24	0 41	11 6	0 59	15 58	1 10	17 50	0 44	19 46	0 39	20 59	0 4	20 22	1 31	19 36	15 11	23 29	23 28	6 19	14 43	7 31
M 3	21 58	19 23	3 45	14 56	0 53	10 39	0 56	15 46	1 10	17 46	0 44	19 44	0 39	20 59	0 4	20 23	1 31	19 37	15 11	23 29	23 28	6 21	14 43	7 31
T 4	21 49	22 12	2 45	14 29	1 5	10 12	0 51	15 34	1 9	17 43	0 44	19 42	0 39	20 58	0 4	20 23	1 31	19 37	15 11	23 29	23 28	6 24	14 44	7 31
W 5	21 40	23 42	1 37	14 2	1 18	9 44	0 47	15 21	1 9	17 39	0 44	19 40	0 39	20 58	0 4	20 23	1 31	19 38	15 12	23 29	23 28	6 26	14 44	7 31
T 6	21 30	23 47	0 25	13 36	1 30	9 17	0 43	15 9	1 8	17 36	0 44	19 39	0 39	20 58	0 4	20 23	1 31	19 38	15 12	23 29	23 28	6 29	14 45	7 31
F 7	21 20	22 30	0s47	13 11	1 43	8 49	0 39	14 56	1 8	17 32	0 44	19 37	0 39	20 58	0 4	20 24	1 31	19 39	15 12	23 29	23 28	6 32	14 45	7 31
S 8	21 10	20 3	1 56	12 47	1 56	8 21	0 34	14 43	1 8	17 28	0 44	19 35	0 39	20 57	0 4	20 24	1 31	19 40	15 13	23 29	23 28	6 34	14 46	7 31
S 9	21 0	16 38	2 58	12 24	2 9	7 53	0 30	14 30	1 7	17 25	0 44	19 33	0 39	20 57	0 4	20 24	1 31	19 40	15 13	23 29	23 28	6 37	14 46	7 31
M10	20 49	12 32	3 49	12 2	2 23	7 24	0 25	14 17	1 7	17 21	0 44	19 31	0 39	20 57	0 4	20 24	1 31	19 41	15 13	23 29	23 28	6 39	14 47	7 31
T 11	20 37	7 59	4 29	11 41	2 36	6 56	0 20	14 4	1 7	17 17	0 45	19 30	0 39	20 57	0 4	20 24	1 31	19 41	15 14	23 29	23 28	6 42	14 47	7 30
W12	20 26	3 12	4 56	11 22	2 49	6 28	0 15	13 51	1 6	17 14	0 45	19 28	0 39	20 57	0 4	20 25	1 31	19 42	15 14	23 29	23 28	6 44	14 48	7 30
T 13	20 14	1s38	5 10	11 5	3 2	5 59	0 10	13 38	1 6	17 10	0 45	19 26	0 39	20 56	0 4	20 25	1 31	19 42	15 14	23 29	23 28	6 47	14 48	7 30
F 14	20 2	6 22	5 10	10 49	3 15	5 30	0 5	13 25	1 6	17 6	0 45	19 24	0 40	20 56	0 4	20 25	1 31	19 43	15 14	23 29	23 28	6 49	14 49	7 30
S 15	19 49	10 51	4 57	10 35	3 27	5 2	0s 0	13 12	1 5	17 2	0 45	19 22	0 40	20 56	0 4	20 25	1 31	19 43	15 15	23 29	23 28	6 52	14 50	7 30
S 16	19 36	14 57	4 31	10 23	3 39	4 33	0 6	12 58	1 5	16 59	0 45	19 20	0 40	20 56	0 4	20 25	1 31	19 44	15 15	23 29	23 27	6 55	14 50	7 30
M17	19 23	18 29	3 53	10 14	3 51	4 4	0 11	12 45	1 4	16 55	0 45	19 19	0 40	20 56	0 4	20 26	1 31	19 45	15 15	23 29	23 27	6 57	14 51	7 30
T 18	19 9	21 17	3 4	10 6	4 1	3 35	0 17	12 31	1 4	16 51	0 45	19 17	0 40	20 56	0 4	20 26	1 31	19 45	15 16	23 29	23 27	7 0	14 51	7 30
W19	18 55	23 9	2 5	10 1	4 12	3 6	0 23	12 17	1 4	16 47	0 45	19 15	0 40	20 56	0 4	20 26	1 31	19 46	15 16	23 29	23 27	7 2	14 52	7 29
T 20	18 41	23 52	0 59	9 59	4 21	2 37	0 29	12 3	1 3	16 43	0 45	19 13	0 40	20 55	0 4	20 26	1 31	19 46	15 16	23 29	23 27	7 5	14 53	7 29
F 21	18 26	23 17	0n13	9 59	4 29	2 8	0 35	11 49	1 3	16 39	0 45	19 11	0 40	20 55	0 4	20 26	1 31	19 47	15 16	23 29	23 27	7 7	14 53	7 29
S 22	18 11	21 20	1 25	10 2	4 36	1 40	0 41	11 36	1 3	16 36	0 45	19 9	0 40	20 55	0 4	20 27	1 32	19 48	15 17	23 29	23 27	7 10	14 54	7 29
S 23	17 56	18 4	2 35	10 7	4 42	1 11	0 47	11 22	1 2	16 32	0 45	19 7	0 40	20 55	0 4	20 27	1 32	19 48	15 17	23 29	23 27	7 12	14 54	7 29
M24	17 41	13 39	3 36	10 15	4 46	0 42	0 53	11 7	1 2	16 28	0 45	19 5	0 40	20 55	0 4	20 27	1 32	19 49	15 17	23 29	23 27	7 15	14 55	7 28
T 25	17 25	8 23	4 25	10 25	4 49	0 13	0 59	10 53	1 1	16 24	0 45	19 3	0 40	20 55	0 4	20 27	1 32	19 49	15 17	23 29	23 27	7 17	14 56	7 28
W26	17 9	2 35	4 56	10 38	4 50	0s16	1 6	10 39	1 1	16 20	0 45	19 2	0 41	20 55	0 4	20 27	1 32	19 50	15 17	23 29	23 27	7 20	14 56	7 28
T 27	16 53	3n21	5 8	10 54	4 49	0 44	1 12	10 25	1 1	16 16	0 45	19 0	0 41	20 55	0 4	20 27	1 32	19 51	15 18	23 29	23 27	7 22	14 57	7 28
F 28	16 36	9 4	4 59	11 11	4 46	1 13	1 19	10 10	1 0	16 12	0 45	18 58	0 41	20 55	0 4	20 27	1 32	19 51	15 18	23 28	23 26	7 25	14 58	7 27
S 29	16 19	14 11	4 32	11 30	4 42	1 41	1 26	9 56	1 0	16 8	0 45	18 56	0 41	20 55	0 4	20 28	1 32	19 52	15 18	23 28	23 26	7 28	14 58	7 27
S 30	16 2	18 26	3 48	11 51	4 35	2 10	1 33	9 41	0 59	16 4	0 46	18 54	0 41	20 55	0 4	20 28	1 32	19 52	15 18	23 28	23 26	7 30	14 59	7 27
M31	15n45	21n33	2n51	12n12	4s27	2s38	1s40	9n27	0n59	16n 0	0n46	18n52	0n41	20s55	0n 4	20n28	1s32	19s53	15s18	23s28	23s26	7s33	14s59	7n26

Julian Day Number = 2292490.5, Delta T = 149.43 sec
Ecliptic obliquity = 23°29'45, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°39'47, Lahiri = 17°46'48 Julian Calendar 1 July 1564 == Greg. Calendar 11 July 1564

ASTRODIENST EPHEMERIS for the year 1564
geocentric

AUGUST 1564 JC

00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	21 17 31	18♌ 3'32	7♊29	13°R55	3♎41	8♍47	18♌51	8♌32	3°R54	9♊51	15°R13	27♐33	25♐59	7♎26	17°R15	T 1
W 2	21 21 28	19° 1'16	20°50	13♌11	4°34	9°25	19° 4	8°39	3♐54	9°52	15♓12	27°R34	25°56	7°33	17♑12	W 2
T 3	21 25 24	19°59'01	3♋55	12°32	5°28	10° 4	19°17	8°47	3°D54	9°53	15°11	27°34	25°53	7°39	17° 9	T 3
F 4	21 29 21	20°56'48	16°48	11°58	6°20	10°42	19°30	8°55	3°54	9°54	15°10	27°32	25°49	7°46	17° 7	F 4
S 5	21 33 17	21°54'36	29°29	11°29	7°12	11°20	19°44	9° 2	3°54	9°55	15° 9	27°28	25°46	7°53	17° 4	S 5
S 6	21 37 14	22°52'26	11♌59	11° 7	8° 4	11°58	19°57	9°10	3°54	9°56	15° 8	27°22	25°43	7°59	17° 1	S 6
M 7	21 41 11	23°50'18	24°19	10°51	8°55	12°36	20°10	9°17	3°54	9°57	15° 7	27°13	25°40	8° 6	16°59	M 7
T 8	21 45 7	24°48'10	6♍31	10°43	9°45	13°15	20°23	9°25	3°54	9°58	15° 6	27° 2	25°37	8°13	16°56	T 8
W 9	21 49 4	25°46'05	18°35	10°D43	10°34	13°53	20°36	9°32	3°55	9°59	15° 5	26°51	25°33	8°20	16°54	W 9
T 10	21 53 0	26°44'00	0♎31	10°51	11°23	14°31	20°49	9°40	3°55	10° 0	15° 3	26°41	25°30	8°26	16°51	T 10
F 11	21 56 57	27°41'57	12°24	11° 6	12°11	15°10	21° 2	9°47	3°55	10° 0	15° 2	26°31	25°27	8°33	16°49	F 11
S 12	22 0 53	28°39'56	24°14	11°30	12°58	15°48	21°15	9°55	3°56	10° 1	15° 1	26°24	25°24	8°40	16°47	S 12
S 13	22 4 50	29°37'56	6♏ 6	12° 2	13°45	16°27	21°28	10° 2	3°56	10° 2	15° 0	26°18	25°21	8°47	16°44	S 13
M14	22 8 46	0♍35'57	18° 4	12°41	14°30	17° 5	21°41	10°10	3°57	10° 3	14°59	26°16	25°18	8°53	16°42	M14
T 15	22 12 43	1°34'00	0♐12	13°29	15°15	17°44	21°54	10°17	3°57	10° 3	14°58	26°D15	25°14	9° 0	16°40	T 15
W16	22 16 39	2°32'04	12°36	14°24	15°59	18°22	22° 7	10°25	3°58	10° 4	14°56	26°15	25°11	9° 7	16°38	W16
T 17	22 20 36	3°30'10	25°20	15°26	16°42	19° 1	22°20	10°32	3°59	10° 4	14°55	26°R15	25° 8	9°13	16°36	T 17
F 18	22 24 33	4°28'17	8♑29	16°34	17°24	19°39	22°33	10°39	4° 0	10° 5	14°54	26°15	25° 5	9°20	16°34	F 18
S 19	22 28 29	5°26'25	22° 6	17°49	18° 4	20°18	22°46	10°47	4° 0	10° 5	14°53	26°12	25° 2	9°27	16°32	S 19
S 20	22 32 26	6°24'35	6♒13	19°10	18°44	20°57	22°59	10°54	4° 1	10° 6	14°52	26° 7	24°59	9°34	16°31	S 20
M21	22 36 22	7°22'47	20°46	20°37	19°23	21°35	23°12	11° 1	4° 2	10° 6	14°50	26° 0	24°55	9°40	16°29	M21
T 22	22 40 19	8°21'00	5♓41	22° 8	20° 0	22°14	23°25	11° 8	4° 3	10° 7	14°49	25°51	24°52	9°47	16°27	T 22
W23	22 44 15	9°19'15	20°48	23°43	20°37	22°53	23°38	11°15	4° 4	10° 7	14°48	25°40	24°49	9°54	16°26	W23
T 24	22 48 12	10°17'31	5♈59	25°22	21°12	23°32	23°51	11°22	4° 5	10° 8	14°47	25°30	24°46	10° 0	16°24	T 24
F 25	22 52 8	11°15'50	21° 1	27° 4	21°46	24°10	24° 3	11°29	4° 6	10° 8	14°45	25°21	24°43	10° 7	16°23	F 25
S 26	22 56 5	12°14'11	5♉47	28°49	22°18	24°49	24°16	11°37	4° 7	10° 8	14°44	25°15	24°39	10°14	16°21	S 26
S 27	23 0 2	13°12'34	20°11	0♍37	22°49	25°28	24°29	11°44	4° 9	10° 8	14°43	25°11	24°36	10°21	16°20	S 27
M28	23 3 58	14°10'59	4♊10	2°26	23°19	26° 7	24°42	11°50	4°10	10° 9	14°42	25° 9	24°33	10°27	16°19	M28
T 29	23 7 55	15° 9'26	17°45	4°16	23°47	26°46	24°54	11°57	4°11	10° 9	14°41	25° 9	24°30	10°34	16°18	T 29
W30	23 11 51	16° 7'56	0♋58	6° 7	24°13	27°25	25° 7	12° 4	4°13	10° 9	14°39	25° 9	24°27	10°41	16°16	W30
T 31	23 15 48	17♍ 6'28	13♋52	8♍ 0	24♎38	28♍ 4	25♌20	12♌11	4♐14	10♊ 9	14♓38	25♐ 8	24♐24	10♎47	16♑15	T 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	15n27	23n21	1n46	12n35	4s17	3s 6	1s47	9n12	0n59	15n56	0n46	18n50	0n41	20s55	0n 4	20n28	1s32	19s53	15s19	23s28	23s26	7s35	15s 0	7n26
W 2	15 9	23 47	0 36	12 58	4 5	3 34	1 54	8 57	0 58	15 52	0 46	18 48	0 41	20 55	0 4	20 28	1 32	19 54	15 19	23 28	23 26	7 38	15 1	7 26
T 3	14 51	22 52	0s34	13 22	3 52	4 2	2 1	8 42	0 58	15 48	0 46	18 46	0 41	20 55	0 4	20 28	1 32	19 55	15 19	23 28	23 26	7 40	15 1	7 26
F 4	14 33	20 46	1 41	13 45	3 38	4 29	2 9	8 28	0 57	15 44	0 46	18 44	0 41	20 55	0 4	20 28	1 32	19 55	15 19	23 28	23 26	7 43	15 2	7 25
S 5	14 14	17 40	2 42	14 8	3 22	4 57	2 16	8 13	0 57	15 40	0 46	18 42	0 41	20 55	0 4	20 28	1 32	19 56	15 19	23 28	23 26	7 45	15 3	7 25
S 6	13 55	13 48	3 35	14 30	3 6	5 24	2 24	7 58	0 57	15 36	0 46	18 40	0 42	20 55	0 4	20 28	1 32	19 56	15 20	23 28	23 26	7 48	15 3	7 25
M 7	13 36	9 25	4 16	14 51	2 49	5 51	2 31	7 43	0 56	15 32	0 46	18 39	0 42	20 55	0 4	20 29	1 32	19 57	15 20	23 28	23 25	7 50	15 4	7 24
T 8	13 17	4 44	4 45	15 10	2 31	6 18	2 39	7 28	0 56	15 27	0 46	18 37	0 42	20 55	0 4	20 29	1 32	19 58	15 20	23 28	23 25	7 53	15 5	7 24
W 9	12 58	0s 5	5 0	15 27	2 13	6 45	2 47	7 12	0 55	15 23	0 46	18 35	0 42	20 55	0 4	20 29	1 32	19 58	15 20	23 27	23 25	7 55	15 5	7 23
T 10	12 38	4 50	5 3	15 43	1 55	7 11	2 55	6 57	0 55	15 19	0 46	18 33	0 42	20 55	0 4	20 29	1 32	19 59	15 20	23 27	23 25	7 58	15 6	7 23
F 11	12 18	9 23	4 52	15 56	1 37	7 38	3 3	6 42	0 55	15 15	0 46	18 31	0 42	20 55	0 4	20 29	1 32	19 59	15 20	23 27	23 25	8 0	15 7	7 23
S 12	11 58	13 35	4 29	16 7	1 19	8 3	3 11	6 27	0 54	15 11	0 46	18 29	0 42	20 55	0 4	20 29	1 32	20 0	15 20	23 27	23 25	8 2	15 7	7 22
S 13	11 38	17 16	3 54	16 15	1 1	8 29	3 19	6 11	0 54	15 7	0 47	18 27	0 42	20 55	0 4	20 29	1 32	20 1	15 21	23 27	23 25	8 5	15 8	7 22
M14	11 17	20 16	3 9	16 20	0 44	8 54	3 27	5 56	0 53	15 3	0 47	18 25	0 42	20 55	0 4	20 29	1 32	20 1	15 21	23 27	23 25	8 7	15 9	7 21
T 15	10 57	22 25	2 14	16 22	0 28	9 19	3 35	5 40	0 53	14 59	0 47	18 23	0 43	20 56	0 4	20 29	1 33	20 2	15 21	23 27	23 25	8 10	15 9	7 21
W16	10 36	23 33	1 12	16 22	0 12	9 44	3 43	5 25	0 53	14 54	0 47	18 21	0 43	20 56	0 4	20 29	1 33	20 2	15 21	23 27	23 24	8 12	15 10	7 21
T 17	10 15	23 30	0 5	16 18	0n 3	10 8	3 52	5 9	0 52	14 50	0 47	18 19	0 43	20 56	0 4	20 29	1 33	20 3	15 21	23 27	23 24	8 15	15 11	7 20
F 18	9 54	22 9	1n 5	16 11	0 17	10 32	4 0	4 54	0 52	14 46	0 47	18 18	0 43	20 56	0 4	20 29	1 33	20 3	15 21	23 27	23 24	8 17	15 11	7 20
S 19	9 32	19 30	2 13	16 1	0 30	10 56	4 8	4 38	0 51	14 42	0 47	18 16	0 43	20 56	0 4	20 29	1 33	20 4	15 21	23 26	23 24	8 20	15 12	7 19
S 20	9 11	15 37	3 15	15 47	0 43	11 19	4 17	4 23	0 51	14 38	0 47	18 14	0 43	20 56	0 4	20 29	1 33	20 4	15 21	23 26	23 24	8 22	15 13	7 19
M21	8 49	10 42	4 7	15 30	0 54	11 41	4 25	4 7	0 50	14 34	0 47	18 12	0 43	20 57	0 4	20 29	1 33	20 5	15 21	23 26	23 24	8 25	15 13	7 18
T 22	8 28	5 4	4 43	15 10	1 4	12 4	4 34	3 51	0 50	14 29	0 47	18 10	0 43	20 57	0 4	20 29	1 33	20 6	15 21	23 26	23 24	8 27	15 14	7 18
W23	8 6	0n57	5 0	14 48	1 13	12 25	4 42	3 35	0 50	14 25	0 47	18 8	0 43	20 57	0 4	20 29	1 33	20 6	15 21	23 25	23 24	8 30	15 15	7 18
T 24	7 44	6 55	4 56	14 22	1 21	12 47	4 51	3 20	0 49	14 21	0 48	18 6	0 44	20 57	0 4	20 29	1 33	20 7	15 21	23 25	23 24	8 32	15 15	7 17
F 25	7 21	12 25	4 32	13 53	1 28	13 7	5 0	3 4	0 49	14 17	0 48	18 4	0 44	20 57	0 4	20 29	1 33	20 7	15 22	23 25	23 23	8 34	15 16	7 17
S 26	6 59	17 5	3 50	13 22	1 34	13 28	5 8	2 48	0 48	14 13	0 48	18 3	0 44	20 58	0 4	20 29	1 33	20 8	15 22	23 25	23 23	8 37	15 16	7 16
S 27	6 37	20 37	2 54	12 49	1 39	13 47	5 17	2 32	0 48	14 9	0 48	18 1	0 44	20 58	0 4	20 29	1 33	20 8	15 22	23 24	23 23	8 39	15 17	7 16
M28	6 14	22 48	1 49	12 14	1 43	14 6	5 25	2 16	0 47	14 4	0 48	17 59	0 44	20 58	0 4	20 29	1 33	20 9	15 22	23 24	23 23	8 42	15 18	7 15
T 29	5 52	23 35	0 39	11 36	1 46	14 25	5 34	2 0	0 47	14 0	0 48	17 57	0 44	20 58	0 4	20 29	1 33	20 9	15 22	23 24	23 23	8 44	15 18	7 15
W30	5 29	22 59	0s31	10 57	1 48	14 43	5 42	1 44	0 46	13 56	0 48	17 55	0 44	20 59	0 4	20 29	1 33	20 10	15 22	23 24	23 23	8 47	15 19	7 14
T 31	5n 6	21n10	1s37	10n17	1n49	15s 0	5s51	1n28	0n46	13n52	0n48	17n54	0n44	20s59	0n 4	20n29	1s33	20s10	15s22	23s24	23s23	8s49	15s20	7n14

Julian Day Number = 2292521.5, Delta T = 149.26 sec
Ecliptic obliquity = 23°29'45, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°39'52, Lahiri = 17°46'52 Julian Calendar 1 Aug. 1564 == Greg. Calendar 11 Aug. 1564

ASTRODIENST EPHEMERIS for the year 1564
geocentric

SEPTEMBER 1564 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	23 19 44	18♍ 5'02	26♋31	9♍52	25♎ 2	28♍43	25♌32	12♌18	4♐15	10♊ 9	14°R37	25°R 5	24♐20	10♎54	16°R15	F 1
S 2	23 23 41	19° 3'38	8♌56	11°45	25°23	29°22	25°45	12°25	4°17	10° 9	14♓36	24♐59	24°17	11° 1	16♑14	S 2
S 3	23 27 37	20° 2'16	21°13	13°37	25°43	0♎ 1	25°57	12°31	4°19	10°R 9	14°34	24°50	24°14	11° 8	16°13	S 3
M 4	23 31 34	21° 0'56	3♍21	15°29	26° 1	0°41	26°10	12°38	4°20	10° 9	14°33	24°38	24°11	11°14	16°12	M 4
T 5	23 35 31	21°59'38	15°23	17°21	26°17	1°20	26°22	12°45	4°22	10° 9	14°32	24°25	24° 8	11°21	16°11	T 5
W 6	23 39 27	22°58'22	27°20	19°13	26°31	1°59	26°35	12°51	4°23	10° 9	14°31	24°10	24° 5	11°28	16°11	W 6
T 7	23 43 24	23°57'08	9♎13	21° 3	26°44	2°38	26°47	12°58	4°25	10° 9	14°30	23°56	24° 1	11°34	16°10	T 7
F 8	23 47 20	24°55'56	21° 4	22°53	26°54	3°18	26°59	13° 4	4°27	10° 9	14°28	23°43	23°58	11°41	16°10	F 8
S 9	23 51 17	25°54'46	2♏54	24°43	27° 1	3°57	27°12	13°10	4°29	10° 9	14°27	23°33	23°55	11°48	16°10	S 9
S 10	23 55 13	26°53'38	14°46	26°31	27° 7	4°37	27°24	13°17	4°31	10° 8	14°26	23°25	23°52	11°55	16° 9	S 10
M11	23 59 10	27°52'32	26°44	28°19	27°10	5°16	27°36	13°23	4°33	10° 8	14°25	23°21	23°49	12° 1	16° 9	M11
T 12	0 3 6	28°51'27	8♐51	0♎ 6	27°R12	5°55	27°48	13°29	4°35	10° 8	14°24	23°19	23°45	12° 8	16° 9	T 12
W13	0 7 3	29°50'25	21°11	1°52	27°10	6°35	28° 0	13°35	4°37	10° 8	14°22	23°D18	23°42	12°15	16°D 9	W13
T 14	0 11 0	0♎49'24	3♑51	3°37	27° 7	7°15	28°12	13°41	4°39	10° 7	14°21	23°R18	23°39	12°21	16° 9	T 14
F 15	0 14 56	1°48'25	16°54	5°21	27° 1	7°54	28°24	13°47	4°41	10° 7	14°20	23°17	23°36	12°28	16° 9	F 15
S 16	0 18 53	2°47'28	0♒25	7° 4	26°52	8°34	28°36	13°53	4°43	10° 6	14°19	23°15	23°33	12°35	16° 9	S 16
S 17	0 22 49	3°46'32	14°26	8°47	26°41	9°13	28°48	13°59	4°45	10° 6	14°18	23°10	23°30	12°42	16°10	S 17
M18	0 26 46	4°45'38	28°57	10°28	26°28	9°53	28°59	14° 5	4°47	10° 6	14°17	23° 3	23°26	12°48	16°10	M18
T 19	0 30 42	5°44'46	13♓53	12° 9	26°12	10°33	29°11	14°11	4°50	10° 5	14°15	22°53	23°23	12°55	16°10	T 19
W20	0 34 39	6°43'56	29° 7	13°49	25°54	11°13	29°23	14°17	4°52	10° 4	14°14	22°43	23°20	13° 2	16°11	W20
T 21	0 38 35	7°43'08	14♈28	15°28	25°34	11°52	29°34	14°22	4°54	10° 4	14°13	22°32	23°17	13° 8	16°12	T 21
F 22	0 42 32	8°42'22	29°44	17° 6	25°11	12°32	29°46	14°28	4°57	10° 3	14°12	22°23	23°14	13°15	16°12	F 22
S 23	0 46 28	9°41'38	14♉46	18°44	24°47	13°12	29°57	14°33	4°59	10° 3	14°11	22°16	23°10	13°22	16°13	S 23
S 24	0 50 25	10°40'56	29°24	20°21	24°20	13°52	0♍ 9	14°39	5° 2	10° 2	14°10	22°12	23° 7	13°29	16°14	S 24
M25	0 54 22	11°40'17	13♊35	21°57	23°52	14°32	0°20	14°44	5° 4	10° 1	14° 9	22°10	23° 4	13°35	16°15	M25
T 26	0 58 18	12°39'41	27°17	23°32	23°22	15°12	0°31	14°50	5° 7	10° 1	14° 8	22°D10	23° 1	13°42	16°16	T 26
W27	1 2 15	13°39'06	10♋33	25° 7	22°50	15°52	0°43	14°55	5° 9	10° 0	14° 7	22°R10	22°58	13°49	16°17	W27
T 28	1 6 11	14°38'34	23°26	26°41	22°17	16°32	0°54	15° 0	5°12	9°59	14° 6	22°10	22°55	13°55	16°18	T 28
F 29	1 10 8	15°38'04	6♌ 0	28°15	21°43	17°12	1° 5	15° 5	5°14	9°58	14° 5	22° 8	22°51	14° 2	16°19	F 29
S 30	1 14 4	16♎37'37	18♌18	29♎47	21♎ 7	17♎52	1♍16	15♌10	5♐17	9♊57	14♓ 4	22♐ 3	22♐48	14♎ 9	16♑20	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	4n43	18n19	2s38	9n35	1n49	15s16	5s59	1n12	0n46	13n48	0n48	17n52	0n45	20s59	0n 4	20n29	1s33	20s11	15s22	23s24	23s22	8s51	15s20	7n13
S 2	4 20	14 42	3 29	8 51	1 49	15 32	6 7	0 56	0 45	13 44	0 49	17 50	0 45	20 59	0 4	20 29	1 33	20 11	15 22	23 24	23 22	8 54	15 21	7 13
S 3	3 57	10 31	4 10	8 7	1 48	15 47	6 15	0 40	0 45	13 40	0 49	17 48	0 45	21 0	0 4	20 29	1 33	20 12	15 22	23 24	23 22	8 56	15 21	7 12
M 4	3 34	5 58	4 39	7 22	1 47	16 1	6 23	0 24	0 44	13 35	0 49	17 46	0 45	21 0	0 4	20 29	1 33	20 12	15 22	23 23	23 22	8 59	15 22	7 12
T 5	3 11	1 14	4 56	6 37	1 45	16 14	6 31	0 8	0 44	13 31	0 49	17 45	0 45	21 0	0 4	20 29	1 34	20 13	15 22	23 23	23 22	9 1	15 23	7 11
W 6	2 48	3s30	4 59	5 51	1 42	16 27	6 39	0s 8	0 43	13 27	0 49	17 43	0 45	21 1	0 4	20 29	1 34	20 13	15 22	23 22	23 22	9 4	15 23	7 11
T 7	2 24	8 5	4 49	5 4	1 39	16 38	6 47	0 24	0 43	13 23	0 49	17 41	0 45	21 1	0 4	20 29	1 34	20 13	15 22	23 21	23 22	9 6	15 24	7 10
F 8	2 1	12 21	4 27	4 17	1 36	16 48	6 54	0 40	0 42	13 19	0 49	17 40	0 45	21 1	0 4	20 29	1 34	20 14	15 22	23 21	23 21	9 8	15 24	7 10
S 9	1 38	16 9	3 53	3 30	1 32	16 58	7 1	0 56	0 42	13 15	0 49	17 38	0 46	21 2	0 4	20 29	1 34	20 14	15 22	23 20	23 21	9 11	15 25	7 9
S 10	1 14	19 18	3 8	2 43	1 27	17 6	7 8	1 12	0 41	13 11	0 50	17 36	0 46	21 2	0 4	20 29	1 34	20 15	15 21	23 20	23 21	9 13	15 25	7 9
M11	0 51	21 40	2 15	1 56	1 23	17 14	7 14	1 28	0 41	13 7	0 50	17 35	0 46	21 2	0 4	20 29	1 34	20 15	15 21	23 20	23 21	9 16	15 26	7 8
T 12	0 27	23 4	1 16	1 9	1 18	17 20	7 20	1 44	0 41	13 3	0 50	17 33	0 46	21 3	0 4	20 28	1 34	20 16	15 21	23 20	23 21	9 18	15 26	7 8
W13	0 4	23 23	0 11	0 22	1 12	17 25	7 26	2 0	0 40	12 59	0 50	17 31	0 46	21 3	0 3	20 28	1 34	20 16	15 21	23 20	23 21	9 20	15 27	7 7
T 14	0s20	22 31	0n56	0s25	1 7	17 28	7 32	2 17	0 40	12 55	0 50	17 30	0 46	21 4	0 3	20 28	1 34	20 16	15 21	23 20	23 21	9 23	15 27	7 6
F 15	0 43	20 25	2 1	1 12	1 1	17 31	7 37	2 33	0 39	12 51	0 50	17 28	0 46	21 4	0 3	20 28	1 34	20 17	15 21	23 20	23 20	9 25	15 28	7 6
S 16	1 7	17 8	3 3	1 58	0 55	17 32	7 41	2 49	0 39	12 47	0 50	17 26	0 47	21 4	0 3	20 28	1 34	20 17	15 21	23 19	23 20	9 27	15 29	7 5
S 17	1 30	12 47	3 56	2 44	0 49	17 32	7 45	3 5	0 38	12 43	0 50	17 25	0 47	21 5	0 3	20 28	1 34	20 18	15 21	23 19	23 20	9 30	15 29	7 5
M18	1 54	7 34	4 35	3 30	0 43	17 30	7 49	3 21	0 38	12 39	0 51	17 23	0 47	21 5	0 3	20 28	1 34	20 18	15 21	23 19	23 20	9 32	15 29	7 4
T 19	2 17	1 47	4 57	4 16	0 36	17 27	7 52	3 37	0 37	12 35	0 51	17 22	0 47	21 6	0 3	20 28	1 34	20 18	15 21	23 18	23 20	9 35	15 30	7 4
W20	2 41	4n13	4 59	5 1	0 30	17 22	7 54	3 53	0 37	12 31	0 51	17 20	0 47	21 6	0 3	20 28	1 34	20 19	15 21	23 18	23 20	9 37	15 30	7 3
T 21	3 4	10 0	4 40	5 45	0 23	17 16	7 55	4 9	0 36	12 27	0 51	17 19	0 47	21 7	0 3	20 27	1 34	20 19	15 20	23 17	23 19	9 39	15 31	7 3
F 22	3 28	15 9	4 0	6 29	0 16	17 9	7 56	4 25	0 36	12 23	0 51	17 17	0 47	21 7	0 3	20 27	1 34	20 19	15 20	23 17	23 19	9 42	15 31	7 2
S 23	3 51	19 14	3 4	7 13	0 9	16 59	7 56	4 41	0 35	12 19	0 51	17 16	0 48	21 7	0 3	20 27	1 34	20 20	15 20	23 16	23 19	9 44	15 32	7 2
S 24	4 14	21 59	1 58	7 56	0 3	16 49	7 56	4 57	0 35	12 15	0 51	17 14	0 48	21 8	0 3	20 27	1 34	20 20	15 20	23 16	23 19	9 46	15 32	7 1
M25	4 38	23 14	0 45	8 38	0s 4	16 37	7 54	5 13	0 34	12 11	0 52	17 13	0 48	21 8	0 3	20 27	1 34	20 20	15 20	23 16	23 19	9 49	15 33	7 1
T 26	5 1	23 1	0s27	9 20	0 11	16 23	7 52	5 29	0 34	12 7	0 52	17 11	0 48	21 9	0 3	20 27	1 34	20 20	15 20	23 16	23 19	9 51	15 33	7 0
W27	5 24	21 29	1 36	10 2	0 18	16 8	7 49	5 45	0 33	12 3	0 52	17 10	0 48	21 9	0 3	20 27	1 34	20 21	15 20	23 16	23 18	9 53	15 34	6 59
T 28	5 47	18 52	2 38	10 42	0 25	15 52	7 45	6 1	0 33	12 0	0 52	17 9	0 48	21 10	0 3	20 26	1 35	20 21	15 20	23 16	23 18	9 56	15 34	6 59
F 29	6 10	15 25	3 31	11 22	0 32	15 34	7 40	6 17	0 32	11 56	0 52	17 7	0 49	21 10	0 3	20 26	1 35	20 21	15 19	23 16	23 18	9 58	15 34	6 58
S 30	6s33	11n22	4s13	12s 2	0s39	15s15	7s34	6s32	0n32	11n52	0n52	17n 6	0n49	21s11	0n 3	20n26	1s35	20s21	15s19	23s15	23s18	10s 0	15s35	6n58

Julian Day Number = 2292552.5, Delta T = 149.09 sec
Ecliptic obliquity = 23°29'45, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°39'56, Lahiri = 17°46'56 Julian Calendar 1 Sept. 1564 == Greg. Calendar 11 Sept. 1564

ASTRODIENST EPHEMERIS for the year 1564
geocentric

OCTOBER 1564 JC

00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	1 18 1	17♎37'11	0♍26	1♏19	20°R32	18♎33	1♍26	15♌15	5♐20	9°R56	14°R 3	21°R56	22♐45	14♎16	16♑22	S 1
M 2	1 21 57	18°36'48	12°27	2°51	19♎55	19°13	1°37	15°20	5°23	9♊56	14♓ 2	21♐47	22°42	14°22	16°23	M 2
T 3	1 25 54	19°36'27	24°22	4°21	19°19	19°53	1°48	15°24	5°25	9°55	14° 1	21°35	22°39	14°29	16°25	T 3
W 4	1 29 51	20°36'08	6♎14	5°52	18°42	20°34	1°59	15°29	5°28	9°54	14° 0	21°23	22°36	14°36	16°26	W 4
T 5	1 33 47	21°35'52	18° 6	7°21	18° 6	21°14	2° 9	15°34	5°31	9°53	13°59	21°11	22°32	14°42	16°28	T 5
F 6	1 37 44	22°35'37	29°58	8°50	17°30	21°54	2°20	15°38	5°34	9°52	13°58	21° 0	22°29	14°49	16°29	F 6
S 7	1 41 40	23°35'24	11♏51	10°18	16°55	22°35	2°30	15°43	5°37	9°51	13°57	20°52	22°26	14°56	16°31	S 7
S 8	1 45 37	24°35'14	23°48	11°46	16°21	23°15	2°40	15°47	5°40	9°50	13°56	20°45	22°23	15° 3	16°33	S 8
M 9	1 49 33	25°35'05	5♐51	13°13	15°48	23°56	2°50	15°51	5°43	9°48	13°55	20°42	22°20	15° 9	16°35	M 9
T 10	1 53 30	26°34'58	18° 3	14°39	15°16	24°36	3° 0	15°55	5°46	9°47	13°54	20°D40	22°16	15°16	16°37	T 10
W11	1 57 26	27°34'52	0♑27	16° 4	14°46	25°17	3°10	15°59	5°49	9°46	13°54	20°41	22°13	15°23	16°39	W11
T 12	2 1 23	28°34'49	13° 7	17°29	14°18	25°58	3°20	16° 3	5°52	9°45	13°53	20°42	22°10	15°29	16°41	T 12
F 13	2 5 20	29°34'47	26° 7	18°53	13°51	26°38	3°30	16° 7	5°55	9°44	13°52	20°R43	22° 7	15°36	16°43	F 13
S 14	2 9 16	0♏34'47	9♒30	20°16	13°27	27°19	3°40	16°11	5°58	9°43	13°51	20°42	22° 4	15°43	16°46	S 14
S 15	2 13 13	1°34'48	23°20	21°38	13° 4	28° 0	3°49	16°15	6° 2	9°41	13°50	20°40	22° 1	15°50	16°48	S 15
M16	2 17 9	2°34'51	7♓37	23° 0	12°44	28°41	3°59	16°18	6° 5	9°40	13°50	20°36	21°57	15°56	16°51	M16
T 17	2 21 6	3°34'55	22°19	24°20	12°27	29°22	4° 8	16°22	6° 8	9°39	13°49	20°30	21°54	16° 3	16°53	T 17
W18	2 25 2	4°35'01	7♈21	25°39	12°11	0♏ 3	4°17	16°25	6°11	9°38	13°48	20°23	21°51	16°10	16°56	W18
T 19	2 28 59	5°35'09	22°35	26°57	11°58	0°43	4°27	16°28	6°15	9°36	13°48	20°16	21°48	16°16	16°58	T 19
F 20	2 32 55	6°35'18	7♉49	28°14	11°48	1°24	4°36	16°32	6°18	9°35	13°47	20°10	21°45	16°23	17° 1	F 20
S 21	2 36 52	7°35'29	22°54	29°29	11°40	2° 6	4°45	16°35	6°21	9°33	13°46	20° 5	21°42	16°30	17° 4	S 21
S 22	2 40 49	8°35'43	7♊39	0♐42	11°34	2°47	4°53	16°38	6°24	9°32	13°46	20° 3	21°38	16°37	17° 7	S 22
M23	2 44 45	9°35'58	22° 0	1°54	11°31	3°28	5° 2	16°41	6°28	9°31	13°45	20°D 2	21°35	16°43	17° 9	M23
T 24	2 48 42	10°36'15	5♋53	3° 4	11°D31	4° 9	5°11	16°44	6°31	9°29	13°44	20° 3	21°32	16°50	17°12	T 24
W25	2 52 38	11°36'35	19°17	4°11	11°33	4°50	5°19	16°46	6°35	9°28	13°44	20° 5	21°29	16°57	17°15	W25
T 26	2 56 35	12°36'56	2♌16	5°16	11°37	5°31	5°27	16°49	6°38	9°26	13°43	20° 6	21°26	17° 3	17°19	T 26
F 27	3 0 31	13°37'19	14°53	6°18	11°43	6°13	5°36	16°51	6°41	9°25	13°43	20°R 6	21°22	17°10	17°22	F 27
S 28	3 4 28	14°37'44	27°12	7°17	11°52	6°54	5°44	16°54	6°45	9°23	13°42	20° 5	21°19	17°17	17°25	S 28
S 29	3 8 24	15°38'11	9♍18	8°12	12° 3	7°35	5°52	16°56	6°48	9°22	13°42	20° 3	21°16	17°24	17°28	S 29
M30	3 12 21	16°38'39	21°16	9° 3	12°17	8°17	5°59	16°58	6°52	9°20	13°41	19°59	21°13	17°30	17°32	M30
T 31	3 16 18	17♏39'10	3♎ 8	9♐49	12♎32	8♏58	6♍ 7	17♌ 0	6♐55	9♊19	13♓41	19♐54	21♐10	17♎37	17♑35	T 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
S 1	6s56	6n56	4s42	12s41	0s46	14s56	7s27	6s48	0n31	11n48	0n53	17n 5	0n49	21s11	0n 3	20n26	1s35	20s22	15s19	23s15	23s18	10s 3	15s35	6n57
M 2	7 19	2 18	4 59	13 19	0 53	14 35	7 20	7 4	0 31	11 45	0 53	17 3	0 49	21 12	0 3	20 26	1 35	20 22	15 19	23 14	23 18	10 5	15 35	6 57
T 3	7 41	2s23	5 3	13 56	0 59	14 13	7 11	7 20	0 30	11 41	0 53	17 2	0 49	21 12	0 3	20 26	1 35	20 22	15 19	23 14	23 17	10 7	15 36	6 56
W 4	8 4	6 58	4 53	14 33	1 6	13 50	7 2	7 35	0 30	11 37	0 53	17 1	0 49	21 13	0 3	20 25	1 35	20 22	15 18	23 13	23 17	10 10	15 36	6 56
T 5	8 26	11 17	4 31	15 8	1 13	13 27	6 52	7 51	0 29	11 34	0 53	17 0	0 50	21 13	0 3	20 25	1 35	20 23	15 18	23 12	23 17	10 12	15 36	6 55
F 6	8 49	15 10	3 57	15 44	1 19	13 3	6 41	8 7	0 29	11 30	0 53	16 59	0 50	21 14	0 3	20 25	1 35	20 23	15 18	23 11	23 17	10 14	15 37	6 55
S 7	9 11	18 28	3 12	16 18	1 26	12 39	6 30	8 22	0 28	11 27	0 54	16 57	0 50	21 14	0 3	20 25	1 35	20 23	15 18	23 11	23 17	10 17	15 37	6 54
S 8	9 33	21 1	2 19	16 51	1 32	12 15	6 18	8 38	0 28	11 23	0 54	16 56	0 50	21 15	0 3	20 25	1 35	20 23	15 18	23 10	23 17	10 19	15 37	6 54
M 9	9 55	22 38	1 19	17 24	1 38	11 50	6 5	8 53	0 27	11 20	0 54	16 55	0 50	21 15	0 3	20 25	1 35	20 23	15 17	23 10	23 16	10 21	15 38	6 53
T 10	10 17	23 11	0 14	17 55	1 44	11 26	5 52	9 9	0 27	11 16	0 54	16 54	0 50	21 16	0 3	20 24	1 35	20 23	15 17	23 10	23 16	10 24	15 38	6 53
W11	10 38	22 37	0n52	18 26	1 50	11 2	5 39	9 24	0 26	11 13	0 54	16 53	0 51	21 17	0 3	20 24	1 35	20 23	15 17	23 10	23 16	10 26	15 38	6 52
T 12	11 0	20 54	1 58	18 56	1 55	10 38	5 25	9 39	0 26	11 9	0 55	16 52	0 51	21 17	0 3	20 24	1 35	20 24	15 17	23 10	23 16	10 28	15 38	6 52
F 13	11 21	18 3	2 59	19 25	2 1	10 14	5 10	9 55	0 25	11 6	0 55	16 51	0 51	21 18	0 3	20 24	1 35	20 24	15 17	23 10	23 16	10 30	15 39	6 51
S 14	11 42	14 11	3 52	19 52	2 6	9 52	4 56	10 10	0 24	11 2	0 55	16 50	0 51	21 18	0 3	20 24	1 35	20 24	15 16	23 10	23 15	10 33	15 39	6 51
S 15	12 3	9 27	4 34	20 19	2 11	9 29	4 41	10 25	0 24	10 59	0 55	16 49	0 51	21 19	0 3	20 23	1 35	20 24	15 16	23 10	23 15	10 35	15 39	6 50
M16	12 24	4 5	5 0	20 45	2 16	9 8	4 26	10 40	0 23	10 56	0 55	16 48	0 51	21 19	0 3	20 23	1 35	20 24	15 16	23 10	23 15	10 37	15 39	6 50
T 17	12 44	1n40	5 8	21 10	2 20	8 47	4 12	10 55	0 23	10 53	0 56	16 47	0 52	21 20	0 3	20 23	1 35	20 24	15 16	23 9	23 15	10 40	15 39	6 49
W18	13 5	7 26	4 55	21 33	2 24	8 27	3 57	11 10	0 22	10 49	0 56	16 47	0 52	21 20	0 3	20 23	1 35	20 24	15 15	23 9	23 15	10 42	15 40	6 49
T 19	13 25	12 50	4 21	21 55	2 28	8 9	3 42	11 25	0 22	10 46	0 56	16 46	0 52	21 21	0 3	20 22	1 35	20 24	15 15	23 8	23 14	10 44	15 40	6 48
F 20	13 45	17 26	3 28	22 16	2 31	7 51	3 27	11 40	0 21	10 43	0 56	16 45	0 52	21 22	0 3	20 22	1 35	20 24	15 15	23 8	23 14	10 46	15 40	6 48
S 21	14 5	20 49	2 22	22 36	2 34	7 34	3 12	11 54	0 21	10 40	0 56	16 44	0 52	21 22	0 3	20 22	1 35	20 24	15 14	23 7	23 14	10 49	15 40	6 47
S 22	14 24	22 44	1 7	22 54	2 37	7 19	2 58	12 9	0 20	10 37	0 57	16 43	0 53	21 23	0 3	20 22	1 35	20 24	15 14	23 7	23 14	10 51	15 40	6 47
M23	14 43	23 5	0s11	23 11	2 39	7 4	2 43	12 24	0 20	10 34	0 57	16 43	0 53	21 23	0 3	20 22	1 35	20 24	15 14	23 7	23 14	10 53	15 40	6 46
T 24	15 2	21 57	1 25	23 27	2 41	6 51	2 29	12 38	0 19	10 31	0 57	16 42	0 53	21 24	0 3	20 21	1 35	20 24	15 14	23 7	23 13	10 55	15 40	6 46
W25	15 21	19 35	2 32	23 41	2 42	6 39	2 15	12 52	0 18	10 28	0 57	16 41	0 53	21 25	0 3	20 21	1 35	20 24	15 13	23 7	23 13	10 58	15 40	6 45
T 26	15 40	16 18	3 30	23 54	2 42	6 28	2 1	13 7	0 18	10 25	0 57	16 41	0 53	21 25	0 3	20 21	1 35	20 24	15 13	23 7	23 13	11 0	15 40	6 45
F 27	15 58	12 21	4 15	24 5	2 42	6 18	1 48	13 21	0 17	10 22	0 58	16 40	0 53	21 26	0 3	20 21	1 35	20 24	15 13	23 8	23 13	11 2	15 41	6 45
S 28	16 16	7 58	4 47	24 14	2 42	6 9	1 35	13 35	0 17	10 20	0 58	16 40	0 54	21 26	0 3	20 20	1 35	20 24	15 13	23 7	23 13	11 4	15 41	6 44
S 29	16 34	3 22	5 6	24 21	2 40	6 2	1 22	13 49	0 16	10 17	0 58	16 39	0 54	21 27	0 3	20 20	1 35	20 24	15 12	23 7	23 12	11 7	15 41	6 44
M30	16 51	1s18	5 11	24 27	2 38	5 55	1 9	14 3	0 16	10 14	0 58	16 39	0 54	21 27	0 3	20 20	1 35	20 24	15 12	23 7	23 12	11 9	15 41	6 43
T 31	17s 8	5s53	5s 3	24s31	2s34	5s50	0s57	14s17	0n15	10n12	0n59	16n38	0n54	21s28	0n 3	20n20	1s35	20s24	15s12	23s 7	23s12	11s11	15s41	6n43

Julian Day Number = 2292582.5, Delta T = 148.92 sec
Ecliptic obliquity = 23°29'45, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°40'00, Lahiri = 17°47'00 Julian Calendar 1 Oct. 1564 == Greg. Calendar 11 Oct. 1564

ASTRODIENST EPHEMERIS for the year 1564
geocentric

NOVEMBER 1564 JC

00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	3 20 14	18♏39'42	14♎59	10♐31	12♎50	9♏40	6♍15	17♌ 2	6♐59	9°R17	13°R41	19°R48	21♐ 7	17♎44	17♑38	W 1
T 2	3 24 11	19°40'16	26°50	11° 6	13° 9	10°21	6°22	17° 4	7° 2	9♊16	13♓40	19♐42	21° 3	17°50	17°42	T 2
F 3	3 28 7	20°40'52	8♏46	11°35	13°31	11° 3	6°29	17° 6	7° 6	9°14	13°40	19°37	21° 0	17°57	17°45	F 3
S 4	3 32 4	21°41'30	20°46	11°56	13°54	11°45	6°37	17° 8	7°10	9°12	13°39	19°33	20°57	18° 4	17°49	S 4
S 5	3 36 0	22°42'08	2♐53	12°10	14°19	12°26	6°44	17° 9	7°13	9°11	13°39	19°30	20°54	18°10	17°53	S 5
M 6	3 39 57	23°42'49	15° 8	12°R15	14°46	13° 8	6°50	17°11	7°17	9° 9	13°39	19°D29	20°51	18°17	17°56	M 6
T 7	3 43 53	24°43'30	27°34	12°10	15°14	13°50	6°57	17°12	7°20	9° 8	13°39	19°29	20°47	18°24	18° 0	T 7
W 8	3 47 50	25°44'13	10♑10	11°55	15°45	14°32	7° 4	17°13	7°24	9° 6	13°38	19°30	20°44	18°31	18° 4	W 8
T 9	3 51 47	26°44'57	23° 0	11°29	16°16	15°13	7°10	17°14	7°28	9° 4	13°38	19°32	20°41	18°37	18° 8	T 9
F 10	3 55 43	27°45'43	6♒ 6	10°53	16°49	15°55	7°16	17°15	7°31	9° 3	13°38	19°33	20°38	18°44	18°12	F 10
S 11	3 59 40	28°46'29	19°30	10° 5	17°24	16°37	7°22	17°16	7°35	9° 1	13°38	19°34	20°35	18°51	18°16	S 11
S 12	4 3 36	29°47'16	3♓14	9° 8	18° 0	17°19	7°28	17°17	7°39	8°59	13°38	19°R35	20°32	18°57	18°20	S 12
M13	4 7 33	0♐48'04	17°17	8° 2	18°37	18° 1	7°34	17°17	7°42	8°58	13°37	19°34	20°28	19° 4	18°24	M13
T 14	4 11 29	1°48'53	1♈40	6°47	19°16	18°43	7°40	17°18	7°46	8°56	13°37	19°32	20°25	19°11	18°28	T 14
W15	4 15 26	2°49'42	16°19	5°28	19°56	19°25	7°45	17°18	7°49	8°54	13°37	19°30	20°22	19°18	18°32	W15
T 16	4 19 22	3°50'33	1♉ 9	4° 6	20°37	20° 8	7°51	17°19	7°53	8°53	13°37	19°28	20°19	19°24	18°37	T 16
F 17	4 23 19	4°51'25	16° 2	2°43	21°19	20°50	7°56	17°19	7°57	8°51	13°37	19°26	20°16	19°31	18°41	F 17
S 18	4 27 16	5°52'18	0♊52	1°23	22° 3	21°32	8° 1	17°R19	8° 1	8°49	13°D37	19°25	20°13	19°38	18°45	S 18
S 19	4 31 12	6°53'12	15°29	0° 9	22°47	22°14	8° 6	17°19	8° 4	8°47	13°37	19°D24	20° 9	19°44	18°50	S 19
M20	4 35 9	7°54'07	29°48	29♏ 2	23°32	22°57	8°10	17°19	8° 8	8°46	13°37	19°25	20° 6	19°51	18°54	M20
T 21	4 39 5	8°55'03	13♋44	28° 4	24°19	23°39	8°15	17°19	8°12	8°44	13°37	19°25	20° 3	19°58	18°58	T 21
W22	4 43 2	9°56'00	27°15	27°17	25° 6	24°21	8°19	17°18	8°15	8°42	13°37	19°26	20° 0	20° 4	19° 3	W22
T 23	4 46 58	10°56'59	10♌21	26°41	25°55	25° 4	8°23	17°18	8°19	8°41	13°38	19°27	19°57	20°11	19° 7	T 23
F 24	4 50 55	11°57'58	23° 5	26°16	26°44	25°46	8°27	17°17	8°23	8°39	13°38	19°28	19°53	20°18	19°12	F 24
S 25	4 54 51	12°58'59	5♍29	26° 2	27°34	26°29	8°31	17°17	8°26	8°37	13°38	19°28	19°50	20°25	19°17	S 25
S 26	4 58 48	14° 0'00	17°37	26°D 0	28°25	27°11	8°35	17°16	8°30	8°36	13°38	19°R28	19°47	20°31	19°21	S 26
M27	5 2 45	15° 1'03	29°35	26° 7	29°16	27°54	8°38	17°15	8°34	8°34	13°38	19°28	19°44	20°38	19°26	M27
T 28	5 6 41	16° 2'06	11♎27	26°23	0♏ 9	28°37	8°41	17°14	8°37	8°32	13°39	19°28	19°41	20°45	19°31	T 28
W29	5 10 38	17° 3'11	23°18	26°48	1° 2	29°19	8°45	17°13	8°41	8°31	13°39	19°27	19°38	20°51	19°35	W29
T 30	5 14 34	18♐ 4'17	5♏11	27♏20	1♏56	0♐ 2	8♍48	17♌11	8♐44	8♊29	13♓39	19♐27	19♐34	20♎58	19♑40	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
W 1	17s25	10s15	4s42	24s33	2s30	5s46	0s45	14s31	0n15	10n 9	0n59	16n38	0n54	21s29	0n 3	20n19	1s35	20s23	15s11	23s 6	23s12	11s13	15s41	6n42	
T 2	17 42	14 14	4 9	24 33	2 24	5 43	0 33	14 44	0 14	10 7	0 59	16 37	0 55	21 29	0 3	20 19	1 35	20 23	15 11	23 6	23 12	11 15	15 41	6 42	
F 3	17 58	17 41	3 25	24 30	2 18	5 41	0 22	14 58	0 13	10 4	0 59	16 37	0 55	21 30	0 3	20 19	1 35	20 23	15 11	23 5	23 11	11 18	15 41	6 42	
S 4	18 14	20 25	2 31	24 25	2 10	5 40	0 11	15 11	0 13	10 2	0 59	16 37	0 55	21 30	0 3	20 19	1 35	20 23	15 10	23 5	23 11	11 20	15 40	6 41	
S 5	18 29	22 15	1 30	24 18	2 1	5 40	0 1	15 25	0 12	9 59	1 0	16 36	0 55	21 31	0 3	20 18	1 35	20 23	15 10	23 5	23 11	11 22	15 40	6 41	
M 6	18 45	23 4	0 24	24 8	1 50	5 41	0n10	15 38	0 12	9 57	1 0	16 36	0 55	21 32	0 3	20 18	1 36	20 23	15 10	23 5	23 11	11 24	15 40	6 40	
T 7	19 0	22 44	0n44	23 55	1 38	5 43	0 20	15 51	0 11	9 55	1 0	16 36	0 56	21 32	0 3	20 18	1 36	20 23	15 10	23 5	23 10	11 27	15 40	6 40	
W 8	19 14	21 15	1 52	23 40	1 24	5 46	0 29	16 4	0 10	9 52	1 0	16 36	0 56	21 33	0 3	20 18	1 36	20 22	15 9	23 5	23 10	11 29	15 40	6 40	
T 9	19 29	18 40	2 54	23 21	1 9	5 49	0 39	16 17	0 10	9 50	1 1	16 36	0 56	21 34	0 3	20 17	1 36	20 22	15 9	23 5	23 10	11 31	15 40	6 39	
F 10	19 42	15 5	3 49	22 59	0 52	5 54	0 47	16 30	0 9	9 48	1 1	16 35	0 56	21 34	0 3	20 17	1 36	20 22	15 9	23 5	23 10	11 33	15 40	6 39	
S 11	19 56	10 40	4 33	22 35	0 34	5 59	0 56	16 42	0 9	9 46	1 1	16 35	0 56	21 35	0 3	20 17	1 36	20 22	15 8	23 5	23 10	11 35	15 40	6 39	
S 12	20 9	5 38	5 3	22 7	0 15	6 5	1 4	16 55	0 8	9 44	1 1	16 35	0 57	21 35	0 3	20 17	1 36	20 21	15 8	23 5	23 9	11 37	15 40	6 38	
M13	20 22	0 11	5 15	21 37	0n 5	6 12	1 12	17 7	0 8	9 42	1 2	16 35	0 57	21 36	0 3	20 16	1 36	20 21	15 8	23 5	23 9	11 40	15 39	6 38	
T 14	20 34	5n23	5 9	21 5	0 26	6 19	1 20	17 19	0 7	9 40	1 2	16 35	0 57	21 37	0 3	20 16	1 36	20 21	15 7	23 5	23 9	11 42	15 39	6 38	
W15	20 46	10 46	4 42	20 31	0 46	6 28	1 28	17 32	0 6	9 38	1 2	16 35	0 57	21 37	0 3	20 16	1 36	20 21	15 7	23 5	23 9	11 44	15 39	6 37	
T 16	20 58	15 35	3 56	19 56	1 6	6 37	1 35	17 43	0 6	9 37	1 2	16 36	0 57	21 38	0 3	20 16	1 36	20 20	15 7	23 5	23 8	11 46	15 39	6 37	
F 17	21 9	19 27	2 54	19 22	1 25	6 46	1 41	17 55	0 5	9 35	1 3	16 36	0 57	21 38	0 3	20 15	1 36	20 20	15 6	23 4	23 8	11 48	15 38	6 37	
S 18	21 20	22 1	1 41	18 49	1 42	6 56	1 48	18 7	0 5	9 33	1 3	16 36	0 58	21 39	0 3	20 15	1 36	20 20	15 6	23 4	23 8	11 51	15 38	6 36	
S 19	21 31	23 4	0 22	18 18	1 58	7 7	1 54	18 19	0 4	9 32	1 3	16 36	0 58	21 40	0 3	20 15	1 36	20 20	15 6	23 4	23 8	11 53	15 38	6 36	
M20	21 41	22 32	0s57	17 51	2 12	7 18	2 0	18 30	0 3	9 30	1 3	16 36	0 58	21 40	0 3	20 14	1 36	20 19	15 5	23 4	23 8	11 55	15 38	6 36	
T 21	21 50	20 37	2 11	17 27	2 23	7 30	2 6	18 41	0 3	9 29	1 4	16 36	0 58	21 41	0 3	20 14	1 36	20 19	15 5	23 4	23 7	11 57	15 37	6 35	
W22	22 0	17 34	3 15	17 8	2 32	7 42	2 11	18 52	0 2	9 27	1 4	16 37	0 58	21 41	0 3	20 14	1 36	20 19	15 5	23 4	23 7	11 59	15 37	6 35	
T 23	22 8	13 44	4 7	16 53	2 39	7 55	2 16	19 3	0 1	9 26	1 4	16 37	0 59	21 42	0 3	20 14	1 36	20 18	15 4	23 4	23 7	12 1	15 37	6 35	
F 24	22 17	9 22	4 44	16 43	2 44	8 8	2 21	19 14	0 1	9 25	1 4	16 37	0 59	21 43	0 3	20 13	1 35	20 18	15 4	23 5	23 7	12 3	15 36	6 34	
S 25	22 25	4 45	5 8	16 37	2 47	8 22	2 26	19 25	0 0	9 24	1 5	16 38	0 59	21 43	0 3	20 13	1 35	20 18	15 4	23 5	23 6	12 6	15 36	6 34	
S 26	22 32	0 2	5 17	16 35	2 48	8 36	2 30	19 35	0s 0	9 23	1 5	16 38	0 59	21 44	0 3	20 13	1 35	20 17	15 3	23 5	23 6	12 8	15 36	6 34	
M27	22 39	4s37	5 12	16 37	2 47	8 50	2 34	19 45	0 1	9 21	1 5	16 39	0 59	21 44	0 3	20 13	1 35	20 17	15 3	23 5	23 6	12 10	15 35	6 34	
T 28	22 46	9 3	4 54	16 42	2 46	9 5	2 38	19 55	0 2	9 21	1 6	16 39	1 0	21 45	0 3	20 12	1 35	20 16	15 3	23 5	23 6	12 12	15 35	6 33	
W29	22 52	13 9	4 24	16 51	2 43	9 20	2 42	20 5	0 2	9 20	1 6	16 40	1 0	21 45	0 3	20 12	1 35	20 16	15 2	23 5	23 5	12 14	15 35	6 33	
T 30	22s58	16s46	3s42	17s 2	2n39	9s35	2n45	20s15	0s 3	9n19	1n 6	16n40	1n 0	21s46	0n 3	20n12	1s35	20s16	15s 2	23s 4	23s 5	12s16	15s34	6n33	

Julian Day Number = 2292613.5, Delta T = 148.75 sec
Ecliptic obliquity = 23°29'44, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°40'04, Lahiri = 17°47'05 Julian Calendar 1 Nov. 1564 == Greg. Calendar 11 Nov. 1564

ASTRODIENST EPHEMERIS for the year 1564
geocentric

DECEMBER 1564 JC

00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	5 18 31	19♐ 5'23	17♏10	28♏ 0	2♏50	0♐45	8♍50	17°R10	8♐48	8°R27	13♓39	19°D27	19♐31	21♎ 5	19♑45	F 1
S 2	5 22 27	20° 6'30	29°18	28°45	3°45	1°28	8°53	17♌ 9	8°52	8♊26	13°40	19♐27	19°28	21°12	19°50	S 2
S 3	5 26 24	21° 7'38	11♐37	29°35	4°41	2°11	8°55	17° 7	8°55	8°24	13°40	19°27	19°25	21°18	19°55	S 3
M 4	5 30 20	22° 8'47	24° 8	0♐31	5°38	2°54	8°57	17° 5	8°59	8°22	13°41	19°R27	19°22	21°25	20° 0	M 4
T 5	5 34 17	23° 9'56	6♑53	1°30	6°34	3°37	8°59	17° 3	9° 3	8°21	13°41	19°27	19°19	21°32	20° 5	T 5
W 6	5 38 14	24°11'06	19°52	2°33	7°32	4°20	9° 1	17° 2	9° 6	8°19	13°41	19°26	19°15	21°38	20° 9	W 6
T 7	5 42 10	25°12'15	3♒ 3	3°39	8°30	5° 3	9° 3	17° 0	9°10	8°17	13°42	19°26	19°12	21°45	20°14	T 7
F 8	5 46 7	26°13'25	16°28	4°48	9°28	5°46	9° 4	16°57	9°13	8°16	13°42	19°25	19° 9	21°52	20°19	F 8
S 9	5 50 3	27°14'35	0♓ 6	6° 0	10°27	6°29	9° 5	16°55	9°17	8°14	13°43	19°24	19° 6	21°58	20°25	S 9
S 10	5 54 0	28°15'45	13°55	7°14	11°27	7°12	9° 6	16°53	9°20	8°13	13°43	19°23	19° 3	22° 5	20°30	S 10
M11	5 57 56	29°16'55	27°55	8°29	12°27	7°55	9° 7	16°51	9°24	8°11	13°44	19°D23	18°59	22°12	20°35	M11
T 12	6 1 53	0♑18'05	12♈ 5	9°47	13°27	8°39	9° 8	16°48	9°27	8° 9	13°45	19°23	18°56	22°19	20°40	T 12
W13	6 5 49	1°19'15	26°22	11° 5	14°28	9°22	9° 8	16°45	9°31	8° 8	13°45	19°24	18°53	22°25	20°45	W13
T 14	6 9 46	2°20'24	10♉44	12°26	15°29	10° 5	9° 9	16°43	9°34	8° 6	13°46	19°25	18°50	22°32	20°50	T 14
F 15	6 13 43	3°21'34	25° 8	13°47	16°31	10°49	9°R 9	16°40	9°38	8° 5	13°46	19°26	18°47	22°39	20°55	F 15
S 16	6 17 39	4°22'44	9♊30	15° 9	17°33	11°32	9° 8	16°37	9°41	8° 3	13°47	19°27	18°44	22°45	21° 0	S 16
S 17	6 21 36	5°23'53	23°44	16°33	18°35	12°16	9° 8	16°34	9°45	8° 2	13°48	19°R27	18°40	22°52	21° 6	S 17
M18	6 25 32	6°25'03	7♋46	17°57	19°38	12°59	9° 8	16°31	9°48	8° 0	13°49	19°26	18°37	22°59	21°11	M18
T 19	6 29 29	7°26'12	21°31	19°22	20°41	13°43	9° 7	16°28	9°51	7°59	13°49	19°25	18°34	23° 5	21°16	T 19
W20	6 33 25	8°27'21	4♌58	20°48	21°44	14°26	9° 6	16°25	9°55	7°58	13°50	19°22	18°31	23°12	21°21	W20
T 21	6 37 22	9°28'31	18° 4	22°15	22°48	15°10	9° 5	16°21	9°58	7°56	13°51	19°19	18°28	23°19	21°27	T 21
F 22	6 41 19	10°29'40	0♍50	23°42	23°52	15°54	9° 4	16°18	10° 1	7°55	13°52	19°16	18°25	23°26	21°32	F 22
S 23	6 45 15	11°30'49	13°17	25°10	24°56	16°37	9° 2	16°14	10° 5	7°53	13°52	19°13	18°21	23°32	21°37	S 23
S 24	6 49 12	12°31'59	25°29	26°39	26° 1	17°21	9° 0	16°11	10° 8	7°52	13°53	19°11	18°18	23°39	21°42	S 24
M25	6 53 8	13°33'08	7♎29	28° 8	27° 6	18° 5	8°59	16° 7	10°11	7°51	13°54	19° 9	18°15	23°46	21°48	M25
T 26	6 57 5	14°34'17	19°21	29°37	28°11	18°49	8°57	16° 3	10°14	7°49	13°55	19°D 9	18°12	23°52	21°53	T 26
W27	7 1 1	15°35'26	1♏12	1♑ 7	29°16	19°33	8°54	16° 0	10°18	7°48	13°56	19°10	18° 9	23°59	21°58	W27
T 28	7 4 58	16°36'35	13° 5	2°38	0♐22	20°17	8°52	15°56	10°21	7°47	13°57	19°12	18° 5	24° 6	22° 4	T 28
F 29	7 8 54	17°37'44	25° 6	4° 9	1°28	21° 1	8°49	15°52	10°24	7°46	13°58	19°14	18° 2	24°12	22° 9	F 29
S 30	7 12 51	18°38'53	7♐19	5°41	2°34	21°45	8°46	15°48	10°27	7°44	13°59	19°15	17°59	24°19	22°14	S 30
S 31	7 16 48	19♑40'02	19♐47	7♑13	3♐40	22♐29	8♍43	15♌44	10♐30	7♊43	14♓ 0	19°R16	17♐56	24♎26	22♑20	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
F 1	23s 3	19s43	2s50	17s15	2n34	9s51	2n49	20s25	0s 4	9n18	1n 6	16n41	1n 0	21s47	0n 3	20n12	1s35	20s15	15s 2	23s 4	23s 5	12s18	15s34	6n33
S 2	23 8	21 50	1 50	17 31	2 29	10 6	2 52	20 34	0 4	9 17	1 7	16 42	1 0	21 47	0 3	20 11	1 35	20 15	15 1	23 4	23 5	12 20	15 33	6 32
S 3	23 12	22 57	0 43	17 47	2 23	10 22	2 54	20 43	0 5	9 17	1 7	16 42	1 1	21 48	0 3	20 11	1 35	20 14	15 1	23 4	23 4	12 23	15 33	6 32
M 4	23 16	22 56	0n26	18 5	2 16	10 39	2 57	20 53	0 5	9 16	1 7	16 43	1 1	21 48	0 3	20 11	1 35	20 14	15 1	23 4	23 4	12 25	15 32	6 32
T 5	23 19	21 44	1 35	18 24	2 9	10 55	2 59	21 1	0 6	9 16	1 7	16 44	1 1	21 49	0 3	20 11	1 35	20 13	15 0	23 4	23 4	12 27	15 32	6 32
W 6	23 22	19 22	2 41	18 44	2 2	11 12	3 2	21 10	0 7	9 15	1 8	16 44	1 1	21 49	0 3	20 11	1 35	20 13	15 0	23 4	23 4	12 29	15 31	6 32
T 7	23 24	15 58	3 39	19 4	1 54	11 28	3 4	21 19	0 7	9 15	1 8	16 45	1 1	21 50	0 3	20 10	1 35	20 12	15 0	23 4	23 3	12 31	15 31	6 31
F 8	23 26	11 42	4 26	19 24	1 46	11 45	3 5	21 27	0 8	9 15	1 8	16 46	1 2	21 51	0 3	20 10	1 35	20 12	14 59	23 4	23 3	12 33	15 30	6 31
S 9	23 28	6 48	4 59	19 44	1 39	12 2	3 7	21 35	0 9	9 14	1 9	16 47	1 2	21 51	0 3	20 10	1 35	20 11	14 59	23 4	23 3	12 35	15 30	6 31
S 10	23 29	1 29	5 16	20 5	1 30	12 19	3 8	21 43	0 9	9 14	1 9	16 48	1 2	21 52	0 3	20 10	1 35	20 11	14 59	23 4	23 3	12 37	15 29	6 31
M11	23 30	3n58	5 13	20 25	1 22	12 36	3 10	21 51	0 10	9 14	1 9	16 49	1 2	21 52	0 3	20 9	1 35	20 10	14 59	23 4	23 2	12 39	15 29	6 31
T 12	23 30	9 16	4 53	20 45	1 14	12 53	3 11	21 58	0 11	9 14	1 9	16 50	1 2	21 53	0 3	20 9	1 35	20 10	14 58	23 4	23 2	12 41	15 28	6 30
W13	23 29	14 8	4 13	21 4	1 6	13 10	3 11	22 6	0 11	9 14	1 10	16 51	1 3	21 53	0 3	20 9	1 35	20 9	14 58	23 4	23 2	12 43	15 27	6 30
T 14	23 28	18 13	3 18	21 23	0 58	13 27	3 12	22 13	0 12	9 14	1 10	16 52	1 3	21 54	0 3	20 9	1 35	20 9	14 58	23 4	23 1	12 46	15 27	6 30
F 15	23 27	21 12	2 11	21 41	0 50	13 44	3 13	22 20	0 13	9 15	1 10	16 53	1 3	21 54	0 3	20 9	1 35	20 8	14 57	23 4	23 1	12 48	15 26	6 30
S 16	23 25	22 50	0 55	21 59	0 42	14 1	3 13	22 26	0 13	9 15	1 11	16 54	1 3	21 55	0 3	20 8	1 35	20 8	14 57	23 4	23 1	12 50	15 26	6 30
S 17	23 23	22 57	0s24	22 15	0 34	14 18	3 13	22 33	0 14	9 15	1 11	16 55	1 3	21 55	0 3	20 8	1 35	20 7	14 57	23 4	23 1	12 52	15 25	6 30
M18	23 20	21 37	1 40	22 31	0 26	14 35	3 13	22 39	0 15	9 16	1 11	16 56	1 3	21 56	0 3	20 8	1 35	20 7	14 56	23 4	23 0	12 54	15 24	6 30
T 19	23 17	19 0	2 48	22 46	0 18	14 51	3 13	22 45	0 15	9 16	1 11	16 57	1 4	21 56	0 3	20 8	1 35	20 6	14 56	23 4	23 0	12 56	15 24	6 30
W20	23 13	15 25	3 45	23 0	0 10	15 8	3 13	22 51	0 16	9 17	1 12	16 58	1 4	21 57	0 3	20 8	1 35	20 6	14 56	23 4	23 0	12 58	15 23	6 29
T 21	23 9	11 10	4 29	23 14	0 3	15 25	3 13	22 56	0 17	9 18	1 12	16 59	1 4	21 57	0 3	20 7	1 35	20 5	14 56	23 4	23 0	13 0	15 22	6 29
F 22	23 5	6 33	4 59	23 26	0s 5	15 41	3 12	23 2	0 17	9 18	1 12	17 0	1 4	21 58	0 3	20 7	1 35	20 4	14 55	23 4	22 59	13 2	15 21	6 29
S 23	23 0	1 46	5 13	23 37	0 12	15 57	3 11	23 7	0 18	9 19	1 12	17 2	1 4	21 58	0 2	20 7	1 35	20 4	14 55	23 3	22 59	13 4	15 21	6 29
S 24	22 54	2s59	5 13	23 47	0 19	16 13	3 10	23 12	0 19	9 20	1 13	17 3	1 4	21 59	0 2	20 7	1 35	20 3	14 55	23 3	22 59	13 6	15 20	6 29
M25	22 48	7 33	4 59	23 55	0 26	16 29	3 10	23 17	0 19	9 21	1 13	17 4	1 5	21 59	0 2	20 7	1 35	20 3	14 54	23 3	22 58	13 8	15 19	6 29
T 26	22 42	11 47	4 32	24 3	0 33	16 44	3 8	23 21	0 20	9 22	1 13	17 5	1 5	22 0	0 2	20 6	1 35	20 2	14 54	23 3	22 58	13 10	15 19	6 29
W27	22 35	15 34	3 54	24 9	0 40	17 0	3 7	23 25	0 21	9 23	1 14	17 7	1 5	22 0	0 2	20 6	1 35	20 1	14 54	23 3	22 58	13 12	15 18	6 29
T 28	22 28	18 45	3 6	24 15	0 47	17 15	3 6	23 29	0 21	9 24	1 14	17 8	1 5	22 1	0 2	20 6	1 35	20 1	14 54	23 3	22 58	13 14	15 17	6 29
F 29	22 20	21 10	2 9	24 19	0 53	17 29	3 4	23 33	0 22	9 26	1 14	17 9	1 5	22 1	0 2	20 6	1 35	20 0	14 53	23 3	22 57	13 16	15 16	6 29
S 30	22 12	22 39	1 5	24 21	0 59	17 44	3 3	23 37	0 23	9 27	1 14	17 11	1 5	22 2	0 2	20 6	1 35	20 0	14 53	23 4	22 57	13 18	15 15	6 29
S 31	22s 3	23s 3	0n 3	24s23	1s 5	17s58	3n 1	23s40	0s23	9n28	1n15	17n12	1n 6	22s 2	0n 2	20n 6	1s34	19s59	14s53	23s 4	22s57	13s20	15s15	6n29

Julian Day Number = 2292643.5, Delta T = 148.59 sec
Ecliptic obliquity = 23°29'43, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°40'08, Lahiri = 17°47'09 Julian Calendar 1 Dec. 1564 == Greg. Calendar 11 Dec. 1564