Astrodienst Ephemeris Tables

for the year 1541

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 1541
geocentric

JANUARY 1541 JC

00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	7 19 59	20♑30'28	0♓20	6♒48	4♐ 1	22♒45	29°R16	26♎28	19°R35	13♈26	12♒47	0°R41	2♈ 4	7♒57	4°R 3	S 1
S 2	7 23 56	21°31'35	12°11	8°18	5° 6	23°32	29♌11	26°31	19♌33	13°27	12°48	0♈36	2° 1	8° 4	4♉ 3	S 2
M 3	7 27 52	22°32'41	24° 7	9°46	6°12	24°19	29° 6	26°33	19°31	13°28	12°50	0°35	1°58	8°10	4°D 3	M 3
T 4	7 31 49	23°33'46	6♈14	11°11	7°17	25° 6	29° 1	26°36	19°29	13°28	12°52	0°D35	1°55	8°17	4° 3	T 4
W 5	7 35 45	24°34'50	18°36	12°33	8°23	25°53	28°55	26°38	19°26	13°29	12°53	0°R35	1°52	8°24	4° 3	W 5
T 6	7 39 42	25°35'54	1♉18	13°50	9°29	26°40	28°50	26°40	19°24	13°30	12°55	0°35	1°48	8°31	4° 3	T 6
F 7	7 43 38	26°36'56	14°26	15° 3	10°35	27°27	28°44	26°42	19°22	13°31	12°57	0°33	1°45	8°37	4° 4	F 7
S 8	7 47 35	27°37'57	28° 2	16° 9	11°41	28°14	28°39	26°44	19°19	13°31	12°59	0°30	1°42	8°44	4° 4	S 8
S 9	7 51 31	28°38'58	12♊ 9	17°10	12°48	29° 2	28°33	26°46	19°17	13°32	13° 0	0°23	1°39	8°51	4° 4	S 9
M10	7 55 28	29°39'57	26°45	18° 3	13°55	29°49	28°27	26°47	19°14	13°33	13° 2	0°15	1°36	8°57	4° 5	M10
T 11	7 59 25	0♒40'55	11♋45	18°48	15° 2	0♓36	28°20	26°49	19°12	13°34	13° 4	0° 6	1°33	9° 4	4° 5	T 11
W12	8 3 21	1°41'52	27° 1	19°24	16° 9	1°23	28°14	26°50	19°10	13°35	13° 6	29♓56	1°29	9°11	4° 6	W12
T 13	8 7 18	2°42'48	12♌21	19°50	17°16	2°10	28° 8	26°52	19° 7	13°36	13° 7	29°48	1°26	9°17	4° 6	T 13
F 14	8 11 14	3°43'43	27°34	20° 7	18°24	2°57	28° 1	26°53	19° 5	13°37	13° 9	29°42	1°23	9°24	4° 7	F 14
S 15	8 15 11	4°44'37	12♍31	20°R12	19°32	3°43	27°54	26°54	19° 2	13°38	13°11	29°39	1°20	9°31	4° 8	S 15
S 16	8 19 7	5°45'31	27° 5	20° 6	20°40	4°30	27°48	26°55	19° 0	13°39	13°13	29°D37	1°17	9°38	4° 8	S 16
M17	8 23 4	6°46'23	11♎11	19°49	21°48	5°17	27°41	26°56	18°57	13°40	13°14	29°38	1°13	9°44	4° 9	M17
T 18	8 27 0	7°47'14	24°50	19°21	22°56	6° 4	27°34	26°57	18°54	13°41	13°16	29°39	1°10	9°51	4°10	T 18
W19	8 30 57	8°48'05	8♏ 3	18°42	24° 4	6°51	27°27	26°58	18°52	13°42	13°18	29°R39	1° 7	9°58	4°11	W19
T 20	8 34 54	9°48'55	20°55	17°54	25°13	7°38	27°19	26°59	18°49	13°44	13°20	29°39	1° 4	10° 4	4°12	T 20
F 21	8 38 50	10°49'44	3♐28	16°58	26°22	8°25	27°12	26°59	18°47	13°45	13°21	29°36	1° 1	10°11	4°13	F 21
S 22	8 42 47	11°50'32	15°47	15°56	27°31	9°12	27° 5	27° 0	18°44	13°46	13°23	29°31	0°58	10°18	4°15	S 22
S 23	8 46 43	12°51'19	27°55	14°48	28°40	9°58	26°57	27° 0	18°42	13°47	13°25	29°24	0°54	10°24	4°16	S 23
M24	8 50 40	13°52'05	9♑55	13°38	29°49	10°45	26°50	27° 0	18°39	13°49	13°27	29°16	0°51	10°31	4°17	M24
T 25	8 54 36	14°52'49	21°49	12°27	0♑58	11°32	26°42	27° 1	18°36	13°50	13°29	29° 7	0°48	10°38	4°18	T 25
W26	8 58 33	15°53'32	3♒41	11°17	2° 7	12°19	26°35	27°R 1	18°34	13°51	13°30	28°58	0°45	10°44	4°20	W26
T 27	9 2 30	16°54'14	15°31	10° 9	3°17	13° 5	26°27	27° 0	18°31	13°53	13°32	28°50	0°42	10°51	4°21	T 27
F 28	9 6 26	17°54'55	27°21	9° 6	4°26	13°52	26°19	27° 0	18°28	13°54	13°34	28°44	0°39	10°58	4°23	F 28
S 29	9 10 23	18°55'34	9♓13	8° 9	5°36	14°39	26°11	27° 0	18°26	13°56	13°36	28°40	0°35	11° 5	4°24	S 29
S 30	9 14 19	19°56'11	21° 9	7°17	6°46	15°25	26° 4	27° 0	18°23	13°57	13°38	28°38	0°32	11°11	4°26	S 30
M31	9 18 16	20♒56'46	3♈12	6♒34	7♑55	16♓12	25♌56	26♎59	18♌21	13♈59	13♒39	28°D37	0♈29	11♒18	4♉28	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	21s56	13s46	2s33	20s 1	1s27	17s51	3n13	14s58	1s 4	12n50	1n 8	7s55	2n30	15n41	0n44	3n46	1s41	25s 2	8s23	0n16	0n50	22s21	11n32	1s28
S 2	21 46	8 29	1 36	19 30	1 19	18 5	3 11	14 42	1 3	12 52	1 9	7 56	2 30	15 42	0 45	3 46	1 41	25 2	8 23	0 15	0 48	22 19	11 32	1 28
M 3	21 37	2 52	0 34	18 58	1 10	18 18	3 9	14 26	1 3	12 54	1 9	7 56	2 30	15 43	0 45	3 47	1 41	25 1	8 23	0 14	0 47	22 17	11 32	1 28
T 4	21 26	2n57	0n30	18 25	1 0	18 31	3 7	14 10	1 2	12 56	1 9	7 57	2 30	15 43	0 45	3 47	1 41	25 1	8 23	0 14	0 46	22 14	11 32	1 28
W 5	21 16	8 46	1 35	17 52	0 49	18 43	3 5	13 53	1 2	12 58	1 9	7 57	2 31	15 44	0 45	3 47	1 41	25 0	8 23	0 14	0 45	22 12	11 32	1 28
T 6	21 5	14 24	2 36	17 19	0 38	18 55	3 3	13 37	1 1	13 0	1 10	7 58	2 31	15 45	0 45	3 48	1 41	25 0	8 23	0 14	0 43	22 10	11 32	1 28
F 7	20 53	19 34	3 32	16 46	0 25	19 7	3 0	13 20	1 1	13 2	1 10	7 58	2 31	15 46	0 45	3 48	1 41	24 59	8 23	0 13	0 42	22 8	11 32	1 28
S 8	20 41	23 57	4 17	16 13	0 11	19 18	2 58	13 3	1 0	13 4	1 10	7 59	2 31	15 46	0 45	3 48	1 41	24 59	8 23	0 12	0 41	22 5	11 32	1 28
S 9	20 29	27 5	4 49	15 41	0n 3	19 29	2 55	12 46	1 0	13 6	1 10	7 59	2 32	15 47	0 45	3 49	1 40	24 58	8 23	0 9	0 39	22 3	11 32	1 28
M10	20 16	28 31	5 4	15 10	0 18	19 40	2 53	12 29	0 59	13 9	1 10	8 0	2 32	15 48	0 45	3 49	1 40	24 58	8 23	0 6	0 38	22 1	11 32	1 28
T 11	20 3	27 56	4 58	14 41	0 34	19 50	2 50	12 12	0 59	13 11	1 11	8 0	2 32	15 49	0 45	3 50	1 40	24 57	8 23	0 2	0 37	21 58	11 32	1 28
W12	19 50	25 15	4 31	14 14	0 51	20 0	2 47	11 55	0 58	13 14	1 11	8 0	2 32	15 49	0 45	3 50	1 40	24 57	8 23	0s 1	0 36	21 56	11 32	1 28
T 13	19 36	20 44	3 45	13 50	1 8	20 10	2 45	11 38	0 58	13 16	1 11	8 0	2 33	15 50	0 45	3 50	1 40	24 56	8 23	0 5	0 34	21 54	11 33	1 28
F 14	19 22	14 54	2 43	13 28	1 25	20 19	2 42	11 20	0 57	13 18	1 11	8 1	2 33	15 51	0 45	3 51	1 40	24 56	8 23	0 7	0 33	21 51	11 33	1 28
S 15	19 8	8 16	1 30	13 10	1 43	20 27	2 39	11 3	0 56	13 21	1 11	8 1	2 33	15 52	0 45	3 51	1 40	24 55	8 23	0 9	0 32	21 49	11 33	1 28
S 16	18 53	1 22	0 14	12 55	2 0	20 35	2 36	10 45	0 56	13 23	1 12	8 1	2 34	15 53	0 45	3 52	1 40	24 55	8 23	0 9	0 31	21 47	11 33	1 28
M17	18 38	5s23	1s 2	12 44	2 17	20 43	2 33	10 27	0 55	13 26	1 12	8 1	2 34	15 53	0 45	3 52	1 40	24 54	8 23	0 9	0 29	21 44	11 34	1 28
T 18	18 22	11 40	2 11	12 37	2 34	20 50	2 29	10 9	0 55	13 29	1 12	8 1	2 34	15 54	0 45	3 53	1 40	24 54	8 23	0 8	0 28	21 42	11 34	1 28
W19	18 6	17 15	3 12	12 35	2 49	20 56	2 26	9 51	0 54	13 31	1 12	8 1	2 34	15 55	0 45	3 53	1 40	24 53	8 23	0 8	0 27	21 39	11 34	1 28
T 20	17 50	21 53	4 0	12 36	3 3	21 2	2 23	9 33	0 54	13 34	1 12	8 1	2 35	15 56	0 45	3 54	1 40	24 53	8 23	0 9	0 26	21 37	11 35	1 28
F 21	17 34	25 25	4 36	12 41	3 15	21 8	2 19	9 15	0 53	13 37	1 12	8 1	2 35	15 57	0 45	3 54	1 40	24 52	8 23	0 10	0 24	21 35	11 35	1 28
S 22	17 17	27 41	4 59	12 50	3 25	21 13	2 16	8 57	0 52	13 39	1 13	8 1	2 35	15 58	0 45	3 55	1 40	24 52	8 23	0 12	0 23	21 32	11 35	1 28
S 23	17 0	28 36	5 7	13 2	3 33	21 17	2 13	8 39	0 52	13 42	1 13	8 1	2 35	15 58	0 45	3 55	1 40	24 51	8 23	0 14	0 22	21 30	11 36	1 28
M24	16 42	28 9	5 2	13 17	3 39	21 21	2 9	8 21	0 51	13 45	1 13	8 1	2 36	15 59	0 45	3 56	1 40	24 51	8 23	0 18	0 20	21 28	11 36	1 28
T 25	16 25	26 24	4 44	13 33	3 42	21 24	2 5	8 2	0 51	13 47	1 13	8 1	2 36	16 0	0 45	3 56	1 40	24 50	8 23	0 21	0 19	21 25	11 37	1 28
W26	16 7	23 29	4 13	13 52	3 43	21 27	2 2	7 44	0 50	13 50	1 13	8 0	2 36	16 1	0 45	3 57	1 40	24 50	8 23	0 25	0 18	21 23	11 37	1 28
T 27	15 49	19 36	3 32	14 11	3 42	21 29	1 58	7 25	0 50	13 53	1 13	8 0	2 36	16 2	0 45	3 58	1 40	24 49	8 24	0 28	0 17	21 20	11 38	1 28
F 28	15 30	14 57	2 41	14 31	3 38	21 31	1 55	7 7	0 49	13 56	1 14	8 0	2 37	16 2	0 45	3 58	1 40	24 49	8 24	0 30	0 15	21 18	11 38	1 28
S 29	15 11	9 44	1 44	14 51	3 32	21 32	1 51	6 48	0 48	13 58	1 14	7 59	2 37	16 3	0 45	3 59	1 39	24 49	8 24	0 32	0 14	21 15	11 39	1 28
S 30	14 52	4 8	0 41	15 11	3 25	21 33	1 47	6 30	0 48	14 1	1 14	7 59	2 37	16 4	0 45	3 59	1 39	24 48	8 24	0 33	0 13	21 13	11 39	1 28
M31	14s33	1n39	0n25	15s31	3n16	21s33	1n43	6s11	0s47	14n 4	1n14	7s59	2n37	16n 5	0n45	4n 0	1s39	24s48	8s24	0s33	0n12	21s11	11n40	1s28

Julian Day Number = 2283908.5, Delta T = 199.68 sec
Ecliptic obliquity = 23°30'05, Nutation = 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°20'08, Lahiri = 17°27'08 Julian Calendar 1 Jan. 1541 == Greg. Calendar 11 Jan. 1541

ASTRODIENST EPHEMERIS for the year 1541
geocentric

FEBRUARY 1541 JC

00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	9 22 12	21♒57'20	15♈24	5°R57	9♉ 5	16♓58	25°R48	26°R59	18°R18	14♈ 0	13♒41	28♓39	0♈26	11♒25	4♉30	T 1
W 2	9 26 9	22°57'52	27°49	5♒28	10°15	17°45	25♌40	26♎58	18♌15	14° 2	13°43	28°40	0°23	11°31	4°31	W 2
T 3	9 30 5	23°58'23	10♉31	5° 7	11°26	18°31	25°32	26°57	18°13	14° 3	13°45	28°42	0°19	11°38	4°33	T 3
F 4	9 34 2	24°58'51	23°35	4°54	12°36	19°18	25°24	26°56	18°10	14° 5	13°46	28°R43	0°16	11°45	4°35	F 4
S 5	9 37 58	25°59'18	7♊ 3	4°D47	13°46	20° 4	25°16	26°55	18° 8	14° 7	13°48	28°42	0°13	11°51	4°37	S 5
S 6	9 41 55	26°59'43	20°57	4°48	14°57	20°50	25° 8	26°54	18° 5	14° 8	13°50	28°40	0°10	11°58	4°39	S 6
M 7	9 45 52	28° 0'05	5♋18	4°55	16° 7	21°37	25° 1	26°53	18° 2	14°10	13°52	28°37	0° 7	12° 5	4°41	M 7
T 8	9 49 48	29° 0'26	20° 3	5° 9	17°18	22°23	24°53	26°51	18° 0	14°12	13°53	28°33	0° 4	12°11	4°44	T 8
W 9	9 53 45	0♓ 0'45	5♌ 5	5°28	18°28	23° 9	24°45	26°50	17°57	14°13	13°55	28°28	0° 0	12°18	4°46	W 9
T 10	9 57 41	1° 1'02	20°18	5°53	19°39	23°56	24°37	26°49	17°55	14°15	13°57	28°25	29♓57	12°25	4°48	T 10
F 11	10 1 38	2° 1'17	5♍30	6°22	20°50	24°42	24°29	26°47	17°52	14°17	13°59	28°22	29°54	12°31	4°50	F 11
S 12	10 5 34	3° 1'30	20°32	6°57	22° 0	25°28	24°22	26°45	17°50	14°19	14° 0	28°21	29°51	12°38	4°53	S 12
S 13	10 9 31	4° 1'41	5♎15	7°35	23°11	26°14	24°14	26°43	17°47	14°21	14° 2	28°D21	29°48	12°45	4°55	S 13
M14	10 13 27	5° 1'51	19°33	8°18	24°22	27° 0	24° 6	26°42	17°45	14°22	14° 4	28°21	29°45	12°52	4°58	M14
T 15	10 17 24	6° 1'59	3♏24	9° 5	25°33	27°46	23°59	26°40	17°42	14°24	14° 5	28°23	29°41	12°58	5° 0	T 15
W16	10 21 21	7° 2'06	16°48	9°55	26°44	28°32	23°51	26°38	17°40	14°26	14° 7	28°24	29°38	13° 5	5° 3	W16
T 17	10 25 17	8° 2'11	29°47	10°48	27°56	29°18	23°43	26°35	17°37	14°28	14° 9	28°25	29°35	13°12	5° 5	T 17
F 18	10 29 14	9° 2'15	12♐24	11°44	29° 7	0♈ 4	23°36	26°33	17°35	14°30	14°10	28°R26	29°32	13°18	5° 8	F 18
S 19	10 33 10	10° 2'17	24°43	12°44	0♒18	0°50	23°29	26°31	17°33	14°32	14°12	28°25	29°29	13°25	5°11	S 19
S 20	10 37 7	11° 2'17	6♑48	13°45	1°30	1°36	23°21	26°28	17°30	14°34	14°14	28°23	29°25	13°32	5°14	S 20
M21	10 41 3	12° 2'16	18°45	14°50	2°41	2°22	23°14	26°26	17°28	14°36	14°15	28°21	29°22	13°38	5°16	M21
T 22	10 45 0	13° 2'13	0♒36	15°56	3°52	3° 7	23° 7	26°23	17°26	14°38	14°17	28°19	29°19	13°45	5°19	T 22
W23	10 48 56	14° 2'08	12°25	17° 5	5° 4	3°53	23° 0	26°20	17°23	14°40	14°18	28°16	29°16	13°52	5°22	W23
T 24	10 52 53	15° 2'01	24°15	18°16	6°15	4°39	22°53	26°18	17°21	14°42	14°20	28°14	29°13	13°58	5°25	T 24
F 25	10 56 50	16° 1'52	6♓ 8	19°29	7°27	5°24	22°47	26°15	17°19	14°44	14°22	28°13	29°10	14° 5	5°28	F 25
S 26	11 0 46	17° 1'42	18° 7	20°44	8°39	6°10	22°40	26°12	17°17	14°46	14°23	28°12	29° 6	14°12	5°31	S 26
S 27	11 4 43	18° 1'29	0♈13	22° 0	9°50	6°56	22°33	26° 9	17°15	14°48	14°25	28°D12	29° 3	14°18	5°34	S 27
M28	11 8 39	19♓ 1'14	12♈28	23♒19	11♒ 2	7♈41	22♌27	26♎ 6	17♌12	14♈50	14♒26	28♓12	29♓ 0	14♒25	5♉37	M28

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	14s14	7n28	1n30	15s49	3n 7	21s32	1n40	5s52	0s46	14n 7	1n14	7s58	2n38	16n 6	0n45	4n 1	1s39	24s47	8s24	0s32	0n10	21s 8	11n40	1s28
W 2	13 54	13 6	2 33	16 7	2 56	21 31	1 36	5 34	0 46	14 10	1 14	7 58	2 38	16 7	0 45	4 1	1 39	24 47	8 24	0 32	0 9	21 6	11 41	1 28
T 3	13 34	18 19	3 29	16 23	2 44	21 29	1 32	5 15	0 45	14 12	1 14	7 57	2 38	16 7	0 45	4 2	1 39	24 46	8 24	0 31	0 8	21 3	11 42	1 28
F 4	13 14	22 51	4 16	16 38	2 32	21 26	1 28	4 56	0 45	14 15	1 14	7 57	2 38	16 8	0 45	4 3	1 39	24 46	8 24	0 31	0 7	21 1	11 42	1 28
S 5	12 53	26 19	4 51	16 52	2 19	21 23	1 24	4 37	0 44	14 18	1 14	7 56	2 39	16 9	0 45	4 3	1 39	24 45	8 24	0 31	0 5	20 58	11 43	1 28
S 6	12 33	28 21	5 10	17 4	2 7	21 20	1 20	4 18	0 43	14 21	1 14	7 55	2 39	16 10	0 45	4 4	1 39	24 45	8 24	0 32	0 4	20 56	11 44	1 28
M 7	12 12	28 34	5 11	17 15	1 54	21 16	1 17	3 59	0 43	14 23	1 15	7 55	2 39	16 11	0 45	4 5	1 39	24 45	8 25	0 33	0 3	20 53	11 44	1 28
T 8	11 51	26 48	4 51	17 24	1 41	21 11	1 13	3 40	0 42	14 26	1 15	7 54	2 39	16 11	0 45	4 5	1 39	24 44	8 25	0 35	0 1	20 51	11 45	1 28
W 9	11 30	23 6	4 12	17 32	1 28	21 5	1 9	3 22	0 42	14 29	1 15	7 53	2 40	16 12	0 45	4 6	1 39	24 44	8 25	0 37	0 0	20 48	11 46	1 28
T 10	11 8	17 49	3 14	17 38	1 15	20 59	1 5	3 3	0 41	14 31	1 15	7 52	2 40	16 13	0 45	4 7	1 39	24 43	8 25	0 38	0s 1	20 46	11 47	1 28
F 11	10 47	11 25	2 2	17 43	1 3	20 53	1 1	2 44	0 40	14 34	1 15	7 52	2 40	16 14	0 45	4 8	1 39	24 43	8 25	0 39	0 2	20 43	11 47	1 28
S 12	10 25	4 25	0 43	17 46	0 50	20 45	0 57	2 25	0 40	14 37	1 15	7 51	2 40	16 14	0 45	4 8	1 39	24 43	8 25	0 40	0 4	20 41	11 48	1 28
S 13	10 3	2s40	0s38	17 48	0 38	20 38	0 53	2 6	0 39	14 39	1 15	7 50	2 41	16 15	0 45	4 9	1 39	24 42	8 25	0 40	0 5	20 38	11 49	1 28
M14	9 41	9 26	1 54	17 48	0 27	20 29	0 49	1 47	0 38	14 42	1 15	7 49	2 41	16 16	0 45	4 10	1 39	24 42	8 25	0 39	0 6	20 36	11 50	1 28
T 15	9 19	15 31	3 1	17 47	0 15	20 20	0 46	1 28	0 38	14 45	1 15	7 48	2 41	16 17	0 45	4 10	1 39	24 41	8 26	0 39	0 7	20 33	11 51	1 28
W16	8 57	20 40	3 56	17 44	0 4	20 11	0 42	1 9	0 37	14 47	1 15	7 47	2 41	16 17	0 45	4 11	1 39	24 41	8 26	0 38	0 9	20 31	11 51	1 28
T 17	8 35	24 40	4 37	17 40	0s 6	20 1	0 38	0 50	0 36	14 50	1 15	7 46	2 42	16 18	0 45	4 12	1 39	24 41	8 26	0 38	0 10	20 28	11 52	1 28
F 18	8 12	27 21	5 3	17 35	0 17	19 50	0 34	0 31	0 36	14 52	1 15	7 45	2 42	16 19	0 45	4 13	1 39	24 40	8 26	0 38	0 11	20 26	11 53	1 28
S 19	7 49	28 38	5 15	17 28	0 27	19 39	0 30	0 12	0 35	14 55	1 15	7 44	2 42	16 20	0 45	4 14	1 39	24 40	8 26	0 38	0 13	20 23	11 54	1 28
S 20	7 27	28 31	5 12	17 19	0 36	19 27	0 27	0n 7	0 34	14 57	1 15	7 43	2 42	16 20	0 45	4 14	1 39	24 40	8 26	0 39	0 14	20 21	11 55	1 28
M21	7 4	27 4	4 56	17 9	0 45	19 14	0 23	0 25	0 34	14 59	1 15	7 42	2 42	16 21	0 45	4 15	1 39	24 39	8 26	0 39	0 15	20 18	11 56	1 28
T 22	6 41	24 25	4 27	16 58	0 54	19 1	0 19	0 44	0 33	15 2	1 15	7 41	2 43	16 22	0 45	4 16	1 39	24 39	8 27	0 40	0 16	20 16	11 57	1 28
W23	6 18	20 45	3 47	16 45	1 2	18 48	0 16	1 3	0 33	15 4	1 15	7 40	2 43	16 22	0 45	4 17	1 39	24 39	8 27	0 41	0 18	20 13	11 58	1 28
T 24	5 55	16 15	2 57	16 30	1 10	18 34	0 12	1 22	0 32	15 6	1 15	7 38	2 43	16 23	0 45	4 17	1 39	24 38	8 27	0 42	0 19	20 11	11 59	1 28
F 25	5 31	11 8	1 59	16 15	1 18	18 19	0 8	1 41	0 31	15 8	1 15	7 37	2 43	16 24	0 45	4 18	1 39	24 38	8 27	0 43	0 20	20 8	12 0	1 28
S 26	5 8	5 34	0 56	15 58	1 25	18 4	0 5	1 59	0 31	15 11	1 15	7 36	2 43	16 24	0 45	4 19	1 39	24 38	8 27	0 43	0 21	20 5	12 1	1 28
S 27	4 45	0n15	0n11	15 39	1 32	17 49	0 1	2 18	0 30	15 13	1 15	7 35	2 44	16 25	0 45	4 20	1 39	24 37	8 28	0 43	0 23	20 3	12 2	1 28
M28	4s21	6n 8	1n18	15s20	1s38	17s32	0s 2	2n37	0s29	15n15	1n15	7s33	2n44	16n26	0n45	4n21	1s39	24s37	8s28	0s43	0s24	20s 0	12n 3	1s28

Julian Day Number = 2283939.5, Delta T = 199.49 sec
Ecliptic obliquity = 23°30'05, Nutation = 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°20'12, Lahiri = 17°27'13 Julian Calendar 1 Feb. 1541 == Greg. Calendar 11 Feb. 1541

ASTRODIENST EPHEMERIS for the year 1541
geocentric

MARCH 1541 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	11 12 36	20♓ 0'57	24♈54	24♒39	12♒14	8♈27	22°R21	26°R 2	17°R10	14♈52	14♒28	28♓13	28♓57	14♒32	5♉40	T 1
W 2	11 16 32	21° 0'38	7♉32	26° 0	13°26	9°12	22♌14	25♎59	17♌ 8	14°54	14°29	28°13	28°54	14°38	5°44	W 2
T 3	11 20 29	22° 0'17	20°25	27°23	14°37	9°57	22° 8	25°56	17° 6	14°56	14°31	28°14	28°51	14°45	5°47	T 3
F 4	11 24 25	22°59'53	3♊35	28°48	15°49	10°43	22° 2	25°52	17° 4	14°58	14°32	28°15	28°47	14°52	5°50	F 4
S 5	11 28 22	23°59'28	17° 3	0♓14	17° 1	11°28	21°57	25°49	17° 2	15° 1	14°34	28°15	28°44	14°59	5°53	S 5
S 6	11 32 19	24°59'00	0♋50	1°42	18°13	12°13	21°51	25°45	17° 0	15° 3	14°35	28°R15	28°41	15° 5	5°57	S 6
M 7	11 36 15	25°58'29	14°57	3°11	19°25	12°59	21°45	25°42	16°59	15° 5	14°37	28°15	28°38	15°12	6° 0	M 7
T 8	11 40 12	26°57'57	29°21	4°42	20°37	13°44	21°40	25°38	16°57	15° 7	14°38	28°15	28°35	15°19	6° 4	T 8
W 9	11 44 8	27°57'21	14♌ 1	6°14	21°49	14°29	21°35	25°34	16°55	15° 9	14°39	28°D15	28°31	15°25	6° 7	W 9
T 10	11 48 5	28°56'44	28°51	7°47	23° 1	15°14	21°30	25°31	16°53	15°11	14°41	28°15	28°28	15°32	6°11	T 10
F 11	11 52 1	29°56'04	13♍44	9°22	24°13	15°59	21°25	25°27	16°51	15°14	14°42	28°15	28°25	15°39	6°14	F 11
S 12	11 55 58	0♈55'22	28°32	10°58	25°25	16°44	21°20	25°23	16°50	15°16	14°43	28°R15	28°22	15°45	6°18	S 12
S 13	11 59 54	1°54'38	13♎ 8	12°35	26°37	17°29	21°16	25°19	16°48	15°18	14°45	28°15	28°19	15°52	6°21	S 13
M14	12 3 51	2°53'52	27°26	14°14	27°50	18°14	21°11	25°15	16°47	15°20	14°46	28°14	28°16	15°59	6°25	M14
T 15	12 7 48	3°53'04	11♏21	15°54	29° 2	18°58	21° 7	25°11	16°45	15°22	14°47	28°14	28°12	16° 5	6°28	T 15
W16	12 11 44	4°52'14	24°52	17°36	0♓14	19°43	21° 3	25° 7	16°43	15°25	14°49	28°13	28° 9	16°12	6°32	W16
T 17	12 15 41	5°51'22	7♐57	19°19	1°26	20°28	20°59	25° 3	16°42	15°27	14°50	28°12	28° 6	16°19	6°36	T 17
F 18	12 19 37	6°50'29	20°40	21° 3	2°38	21°13	20°55	24°58	16°41	15°29	14°51	28°11	28° 3	16°25	6°40	F 18
S 19	12 23 34	7°49'34	3♑ 3	22°49	3°51	21°57	20°52	24°54	16°39	15°31	14°52	28°D11	28° 0	16°32	6°43	S 19
S 20	12 27 30	8°48'37	15°11	24°37	5° 3	22°42	20°48	24°50	16°38	15°34	14°53	28°11	27°56	16°39	6°47	S 20
M21	12 31 27	9°47'38	27° 8	26°25	6°15	23°26	20°45	24°46	16°37	15°36	14°55	28°12	27°53	16°45	6°51	M21
T 22	12 35 23	10°46'37	8♒59	28°16	7°28	24°11	20°42	24°41	16°35	15°38	14°56	28°13	27°50	16°52	6°55	T 22
W23	12 39 20	11°45'35	20°48	0♈ 7	8°40	24°55	20°39	24°37	16°34	15°40	14°57	28°14	27°47	16°59	6°59	W23
T 24	12 43 17	12°44'31	2♓39	2° 0	9°53	25°40	20°36	24°32	16°33	15°43	14°58	28°15	27°44	17° 5	7° 2	T 24
F 25	12 47 13	13°43'24	14°37	3°55	11° 5	26°24	20°34	24°28	16°32	15°45	14°59	28°16	27°41	17°12	7° 6	F 25
S 26	12 51 10	14°42'16	26°44	5°51	12°18	27° 8	20°32	24°24	16°31	15°47	15° 0	28°R17	27°37	17°19	7°10	S 26
S 27	12 55 6	15°41'06	9♈ 2	7°49	13°30	27°52	20°29	24°19	16°30	15°49	15° 1	28°16	27°34	17°25	7°14	S 27
M28	12 59 3	16°39'54	21°34	9°48	14°42	28°37	20°28	24°15	16°29	15°52	15° 2	28°15	27°31	17°32	7°18	M28
T 29	13 2 59	17°38'40	4♉19	11°48	15°55	29°21	20°26	24°10	16°28	15°54	15° 3	28°13	27°28	17°39	7°22	T 29
W30	13 6 56	18°37'24	17°19	13°50	17° 8	0♉ 5	20°24	24° 6	16°27	15°56	15° 4	28°10	27°25	17°46	7°26	W30
T 31	13 10 52	19♈36'06	0♊32	15♈52	18♓20	0♉49	20♌23	24♎ 1	16♌27	15♈59	15♒ 5	28♓ 7	27♓22	17♒52	7♉30	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	3s58	11n53	2n23	14s58	1s44	17s16	0s 6	2n55	0s29	15n17	1n15	7s32	2n44	16n26	0n45	4n22	1s38	24s37	8s28	0s43	0s25	19s58	12n 4	1s28
W 2	3 34	17 14	3 21	14 36	1 49	16 59	0 9	3 14	0 28	15 19	1 15	7 31	2 44	16 27	0 45	4 22	1 38	24 37	8 28	0 42	0 26	19 55	12 5	1 28
T 3	3 11	21 56	4 11	14 12	1 54	16 41	0 12	3 32	0 27	15 21	1 15	7 29	2 44	16 28	0 45	4 23	1 38	24 36	8 28	0 42	0 28	19 53	12 6	1 28
F 4	2 47	25 39	4 49	13 47	1 59	16 23	0 16	3 51	0 27	15 23	1 15	7 28	2 45	16 28	0 45	4 24	1 38	24 36	8 28	0 42	0 29	19 50	12 7	1 28
S 5	2 24	28 2	5 11	13 20	2 3	16 5	0 19	4 9	0 26	15 24	1 15	7 27	2 45	16 29	0 45	4 25	1 38	24 36	8 29	0 42	0 30	19 47	12 8	1 28
S 6	2 0	28 47	5 17	12 52	2 7	15 46	0 22	4 27	0 25	15 26	1 15	7 25	2 45	16 29	0 45	4 26	1 38	24 36	8 29	0 42	0 32	19 45	12 9	1 28
M 7	1 36	27 42	5 4	12 23	2 10	15 26	0 25	4 46	0 25	15 28	1 15	7 24	2 45	16 30	0 45	4 27	1 38	24 35	8 29	0 42	0 33	19 42	12 10	1 28
T 8	1 13	24 46	4 32	11 53	2 13	15 6	0 29	5 4	0 24	15 30	1 14	7 22	2 45	16 30	0 45	4 27	1 38	24 35	8 29	0 42	0 34	19 39	12 11	1 28
W 9	0 49	20 12	3 42	11 21	2 15	14 46	0 32	5 22	0 23	15 31	1 14	7 21	2 45	16 31	0 45	4 28	1 38	24 35	8 30	0 42	0 35	19 37	12 12	1 28
T 10	0 25	14 20	2 36	10 48	2 17	14 26	0 35	5 40	0 23	15 33	1 14	7 19	2 45	16 31	0 44	4 29	1 38	24 35	8 30	0 42	0 37	19 34	12 14	1 28
F 11	0 2	7 38	1 20	10 13	2 19	14 4	0 38	5 58	0 22	15 34	1 14	7 18	2 46	16 32	0 44	4 30	1 38	24 34	8 30	0 42	0 38	19 32	12 15	1 28
S 12	0n22	0 34	0s 2	9 38	2 20	13 43	0 40	6 16	0 21	15 36	1 14	7 16	2 46	16 32	0 44	4 31	1 38	24 34	8 30	0 42	0 39	19 29	12 16	1 28
S 13	0 46	6s27	1 22	9 1	2 21	13 21	0 43	6 34	0 21	15 37	1 14	7 15	2 46	16 33	0 44	4 32	1 38	24 34	8 30	0 42	0 40	19 26	12 17	1 28
M14	1 9	13 0	2 35	8 23	2 21	12 59	0 46	6 51	0 20	15 39	1 14	7 13	2 46	16 33	0 44	4 33	1 38	24 34	8 31	0 42	0 42	19 24	12 18	1 28
T 15	1 33	18 43	3 37	7 44	2 20	12 36	0 49	7 9	0 19	15 40	1 14	7 12	2 46	16 34	0 44	4 33	1 38	24 34	8 31	0 42	0 43	19 21	12 19	1 28
W16	1 56	23 19	4 25	7 3	2 19	12 13	0 51	7 27	0 19	15 41	1 14	7 10	2 46	16 34	0 44	4 34	1 38	24 34	8 31	0 43	0 44	19 18	12 20	1 29
T 17	2 20	26 35	4 58	6 21	2 18	11 50	0 54	7 44	0 18	15 42	1 14	7 8	2 46	16 35	0 44	4 35	1 38	24 33	8 31	0 43	0 45	19 16	12 22	1 29
F 18	2 43	28 24	5 14	5 38	2 16	11 26	0 57	8 2	0 17	15 43	1 14	7 7	2 46	16 35	0 44	4 36	1 38	24 33	8 32	0 43	0 47	19 13	12 23	1 29
S 19	3 7	28 44	5 16	4 54	2 14	11 2	0 59	8 19	0 17	15 44	1 14	7 5	2 46	16 35	0 44	4 37	1 38	24 33	8 32	0 43	0 48	19 10	12 24	1 29
S 20	3 30	27 39	5 3	4 9	2 11	10 38	1 1	8 36	0 16	15 45	1 13	7 3	2 47	16 36	0 44	4 38	1 38	24 33	8 32	0 43	0 49	19 8	12 25	1 29
M21	3 53	25 19	4 38	3 23	2 8	10 14	1 4	8 53	0 15	15 46	1 13	7 2	2 47	16 36	0 44	4 39	1 38	24 33	8 32	0 43	0 51	19 5	12 26	1 29
T 22	4 17	21 55	4 0	2 35	2 4	9 49	1 6	9 10	0 15	15 47	1 13	7 0	2 47	16 36	0 44	4 40	1 38	24 33	8 32	0 43	0 52	19 2	12 28	1 29
W23	4 40	17 39	3 13	1 47	1 59	9 24	1 8	9 27	0 14	15 48	1 13	6 58	2 47	16 37	0 44	4 40	1 38	24 33	8 33	0 42	0 53	19 0	12 29	1 29
T 24	5 3	12 41	2 17	0 57	1 55	8 58	1 10	9 44	0 13	15 49	1 13	6 57	2 47	16 37	0 44	4 41	1 38	24 32	8 33	0 42	0 54	18 57	12 30	1 29
F 25	5 26	7 13	1 15	0 7	1 49	8 33	1 12	10 1	0 13	15 49	1 13	6 55	2 47	16 37	0 44	4 42	1 38	24 32	8 33	0 41	0 56	18 54	12 31	1 29
S 26	5 49	1 26	0 9	0n45	1 43	8 7	1 14	10 18	0 12	15 50	1 13	6 53	2 47	16 38	0 44	4 43	1 38	24 32	8 33	0 41	0 57	18 52	12 32	1 29
S 27	6 11	4n30	0n59	1 37	1 37	7 41	1 16	10 34	0 11	15 51	1 13	6 52	2 47	16 38	0 44	4 44	1 38	24 32	8 34	0 41	0 58	18 49	12 34	1 29
M28	6 34	10 22	2 5	2 31	1 30	7 14	1 18	10 50	0 11	15 51	1 12	6 50	2 47	16 38	0 44	4 45	1 38	24 32	8 34	0 42	0 59	18 46	12 35	1 29
T 29	6 57	15 54	3 6	3 25	1 23	6 48	1 20	11 7	0 10	15 52	1 12	6 48	2 47	16 38	0 44	4 46	1 38	24 32	8 34	0 43	1 1	18 43	12 36	1 29
W30	7 19	20 51	3 58	4 19	1 15	6 21	1 22	11 23	0 9	15 52	1 12	6 47	2 47	16 39	0 44	4 46	1 38	24 32	8 35	0 44	1 2	18 41	12 37	1 29
T 31	7n41	24n51	4n39	5n15	1s 6	5s54	1s23	11n39	0s 9	15n52	1n12	6s45	2n47	16n39	0n44	4n47	1s38	24s32	8s35	0s45	1s 3	18s38	12n39	1s29

Julian Day Number = 2283967.5, Delta T = 199.32 sec
Ecliptic obliquity = 23°30'06, Nutation = 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°20'16, Lahiri = 17°27'17 Julian Calendar 1 March 1541 == Greg. Calendar 11 March 1541

ASTRODIENST EPHEMERIS for the year 1541
geocentric

APRIL 1541 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	13 14 49	20♈34'45	13♊59	17♈57	19♓33	1♉33	20°R22	23°R56	16°R26	16♈ 1	15♒ 6	28°R 4	27♓18	17♒59	7♉34	F 1
S 2	13 18 46	21°33'23	27°38	20° 2	20°45	2°17	20♌21	23♎52	16♌25	16° 3	15° 7	28♓ 1	27°15	18° 6	7°38	S 2
S 3	13 22 42	22°31'58	11♋30	22° 8	21°58	3° 1	20°20	23°47	16°25	16° 5	15° 8	28° 0	27°12	18°12	7°42	S 3
M 4	13 26 39	23°30'31	25°32	24°15	23°10	3°45	20°19	23°43	16°24	16° 8	15° 8	27°D59	27° 9	18°19	7°46	M 4
T 5	13 30 35	24°29'02	9♌43	26°22	24°23	4°28	20°19	23°38	16°24	16°10	15° 9	28° 0	27° 6	18°26	7°50	T 5
W 6	13 34 32	25°27'30	24° 3	28°30	25°35	5°12	20°18	23°34	16°23	16°12	15°10	28° 1	27° 2	18°32	7°55	W 6
T 7	13 38 28	26°25'57	8♍27	0♉38	26°48	5°56	20°D18	23°29	16°23	16°14	15°11	28° 3	26°59	18°39	7°59	T 7
F 8	13 42 25	27°24'21	22°53	2°46	28° 1	6°39	20°18	23°24	16°22	16°17	15°12	28°R 4	26°56	18°46	8° 3	F 8
S 9	13 46 21	28°22'43	7♎16	4°54	29°13	7°23	20°19	23°20	16°22	16°19	15°12	28° 4	26°53	18°52	8° 7	S 9
S 10	13 50 18	29°21'03	21°31	7° 1	0♈26	8° 6	20°19	23°15	16°22	16°21	15°13	28° 2	26°50	18°59	8°11	S 10
M11	13 54 14	0♉19'21	5♏34	9° 7	1°39	8°50	20°20	23°11	16°22	16°23	15°14	27°59	26°47	19° 6	8°15	M11
T 12	13 58 11	1°17'37	19°20	11°12	2°51	9°33	20°21	23° 6	16°21	16°25	15°14	27°54	26°43	19°12	8°19	T 12
W13	14 2 8	2°15'52	2♐46	13°15	4° 4	10°17	20°22	23° 2	16°21	16°28	15°15	27°49	26°40	19°19	8°24	W13
T 14	14 6 4	3°14'05	15°51	15°16	5°17	11° 0	20°23	22°57	16°D21	16°30	15°16	27°43	26°37	19°26	8°28	T 14
F 15	14 10 1	4°12'17	28°35	17°15	6°29	11°43	20°24	22°53	16°21	16°32	15°16	27°38	26°34	19°32	8°32	F 15
S 16	14 13 57	5°10'27	11♑ 1	19°11	7°42	12°26	20°26	22°49	16°21	16°34	15°17	27°34	26°31	19°39	8°36	S 16
S 17	14 17 54	6° 8'36	23°10	21° 5	8°55	13°10	20°28	22°44	16°22	16°36	15°17	27°31	26°28	19°46	8°40	S 17
M18	14 21 50	7° 6'43	5♒ 8	22°56	10° 7	13°53	20°30	22°40	16°22	16°39	15°18	27°D30	26°24	19°52	8°44	M18
T 19	14 25 47	8° 4'48	17° 0	24°44	11°20	14°36	20°32	22°35	16°22	16°41	15°18	27°30	26°21	19°59	8°49	T 19
W20	14 29 44	9° 2'52	28°49	26°29	12°33	15°19	20°34	22°31	16°22	16°43	15°19	27°32	26°18	20° 6	8°53	W20
T 21	14 33 40	10° 0'55	10♓43	28°10	13°46	16° 2	20°37	22°27	16°23	16°45	15°19	27°33	26°15	20°12	8°57	T 21
F 22	14 37 37	10°58'56	22°44	29°48	14°59	16°45	20°39	22°23	16°23	16°47	15°20	27°R34	26°12	20°19	9° 1	F 22
S 23	14 41 33	11°56'56	4♈58	1♊22	16°11	17°28	20°42	22°18	16°23	16°49	15°20	27°34	26° 8	20°26	9° 5	S 23
S 24	14 45 30	12°54'54	17°27	2°53	17°24	18°10	20°45	22°14	16°24	16°51	15°20	27°32	26° 5	20°32	9°10	S 24
M25	14 49 26	13°52'51	0♉14	4°20	18°37	18°53	20°48	22°10	16°24	16°53	15°21	27°28	26° 2	20°39	9°14	M25
T 26	14 53 23	14°50'47	13°20	5°43	19°50	19°36	20°51	22° 6	16°25	16°55	15°21	27°22	25°59	20°46	9°18	T 26
W27	14 57 19	15°48'41	26°43	7° 2	21° 3	20°19	20°55	22° 2	16°26	16°57	15°21	27°15	25°56	20°52	9°22	W27
T 28	15 1 16	16°46'33	10♊22	8°17	22°15	21° 1	20°59	21°58	16°26	16°59	15°21	27° 7	25°53	20°59	9°26	T 28
F 29	15 5 12	17°44'24	24°14	9°28	23°28	21°44	21° 2	21°54	16°27	17° 1	15°22	26°59	25°49	21° 6	9°30	F 29
S 30	15 9 9	18♉42'13	8♋15	10♊36	24♈41	22♉26	21♌ 6	21♎51	16♌28	17♈ 3	15♒22	26♓52	25♓46	21♒12	9♉35	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	8n 3	27n35	5n 5	6n10	0s58	5s27	1s25	11n55	0s 8	15n53	1n12	6s43	2n47	16n39	0n44	4n48	1s38	24s32	8s35	0s46	1s 4	18s35	12n40	1s29
S 2	8 26	28 43	5 14	7 6	0 48	5 0	1 26	12 11	0 7	15 53	1 12	6 42	2 47	16 39	0 44	4 49	1 38	24 32	8 35	0 47	1 6	18 32	12 41	1 29
S 3	8 47	28 5	5 6	8 2	0 39	4 32	1 27	12 26	0 7	15 53	1 12	6 40	2 47	16 39	0 44	4 50	1 38	24 32	8 36	0 48	1 7	18 30	12 42	1 29
M 4	9 9	25 39	4 39	8 59	0 29	4 5	1 29	12 42	0 6	15 53	1 12	6 38	2 47	16 39	0 44	4 51	1 38	24 32	8 36	0 48	1 8	18 27	12 44	1 29
T 5	9 31	21 38	3 55	9 55	0 19	3 37	1 30	12 57	0 6	15 53	1 11	6 37	2 47	16 40	0 44	4 52	1 38	24 32	8 36	0 48	1 9	18 24	12 45	1 30
W 6	9 52	16 18	2 56	10 51	0 8	3 9	1 31	13 13	0 5	15 53	1 11	6 35	2 47	16 40	0 44	4 53	1 38	24 32	8 36	0 47	1 11	18 21	12 46	1 30
T 7	10 13	10 3	1 46	11 46	0n 2	2 41	1 32	13 28	0 4	15 53	1 11	6 33	2 47	16 40	0 44	4 53	1 38	24 32	8 37	0 47	1 12	18 19	12 47	1 30
F 8	10 35	3 16	0 28	12 40	0 13	2 13	1 33	13 43	0 4	15 53	1 11	6 32	2 47	16 40	0 44	4 54	1 38	24 32	8 37	0 46	1 13	18 16	12 49	1 30
S 9	10 56	3s40	0s50	13 34	0 24	1 45	1 34	13 58	0 3	15 52	1 11	6 30	2 47	16 40	0 44	4 55	1 38	24 32	8 37	0 46	1 15	18 13	12 50	1 30
S 10	11 16	10 20	2 5	14 26	0 35	1 17	1 35	14 13	0 2	15 52	1 11	6 28	2 47	16 40	0 44	4 56	1 38	24 32	8 38	0 47	1 16	18 10	12 51	1 30
M11	11 37	16 24	3 11	15 17	0 46	0 49	1 36	14 27	0 2	15 52	1 11	6 27	2 47	16 40	0 44	4 57	1 38	24 32	8 38	0 48	1 17	18 8	12 52	1 30
T 12	11 57	21 31	4 4	16 7	0 56	0 20	1 37	14 42	0 1	15 51	1 10	6 25	2 47	16 40	0 43	4 58	1 38	24 32	8 38	0 50	1 18	18 5	12 54	1 30
W13	12 17	25 23	4 42	16 54	1 6	0n 8	1 37	14 56	0 0	15 51	1 10	6 23	2 47	16 40	0 43	4 58	1 38	24 32	8 38	0 52	1 20	18 2	12 55	1 30
T 14	12 37	27 48	5 5	17 40	1 16	0 36	1 38	15 10	0n 0	15 50	1 10	6 22	2 47	16 40	0 43	4 59	1 38	24 32	8 39	0 55	1 21	17 59	12 56	1 30
F 15	12 57	28 41	5 11	18 24	1 26	1 5	1 38	15 24	0 1	15 50	1 10	6 20	2 47	16 40	0 43	5 0	1 38	24 33	8 39	0 57	1 22	17 57	12 58	1 30
S 16	13 17	28 4	5 3	19 5	1 35	1 33	1 39	15 38	0 2	15 49	1 10	6 19	2 47	16 40	0 43	5 1	1 39	24 33	8 39	0 58	1 23	17 54	12 59	1 30
S 17	13 36	26 7	4 41	19 44	1 43	2 2	1 39	15 52	0 2	15 48	1 10	6 17	2 47	16 40	0 43	5 2	1 39	24 33	8 40	0 59	1 25	17 51	13 0	1 30
M18	13 55	23 1	4 7	20 21	1 51	2 30	1 39	16 5	0 3	15 48	1 10	6 16	2 47	16 40	0 43	5 2	1 39	24 33	8 40	1 0	1 26	17 48	13 1	1 31
T 19	14 14	19 0	3 23	20 55	1 59	2 58	1 39	16 19	0 3	15 47	1 9	6 14	2 47	16 40	0 43	5 3	1 39	24 33	8 40	1 0	1 27	17 45	13 3	1 31
W20	14 33	14 15	2 30	21 27	2 5	3 27	1 39	16 32	0 4	15 46	1 9	6 13	2 46	16 39	0 43	5 4	1 39	24 33	8 40	0 59	1 28	17 42	13 4	1 31
T 21	14 51	8 58	1 30	21 56	2 11	3 55	1 39	16 45	0 5	15 45	1 9	6 11	2 46	16 39	0 43	5 5	1 39	24 33	8 41	0 58	1 30	17 40	13 5	1 31
F 22	15 10	3 18	0 26	22 23	2 16	4 23	1 39	16 58	0 5	15 44	1 9	6 10	2 46	16 39	0 43	5 6	1 39	24 33	8 41	0 58	1 31	17 37	13 6	1 31
S 23	15 28	2n35	0n40	22 47	2 20	4 51	1 39	17 11	0 6	15 43	1 9	6 8	2 46	16 39	0 43	5 6	1 39	24 34	8 41	0 58	1 32	17 34	13 8	1 31
S 24	15 45	8 30	1 45	23 9	2 24	5 20	1 39	17 24	0 7	15 42	1 9	6 7	2 46	16 39	0 43	5 7	1 39	24 34	8 42	0 59	1 34	17 31	13 9	1 31
M25	16 3	14 11	2 47	23 28	2 27	5 48	1 39	17 36	0 7	15 41	1 9	6 5	2 46	16 39	0 43	5 8	1 39	24 34	8 42	1 1	1 35	17 28	13 10	1 31
T 26	16 20	19 24	3 41	23 45	2 28	6 15	1 38	17 48	0 8	15 40	1 8	6 4	2 46	16 38	0 43	5 9	1 39	24 34	8 42	1 3	1 36	17 26	13 11	1 31
W27	16 37	23 46	4 25	23 59	2 29	6 43	1 38	18 0	0 8	15 38	1 8	6 3	2 46	16 38	0 43	5 9	1 39	24 34	8 42	1 6	1 37	17 23	13 13	1 31
T 28	16 54	26 54	4 54	24 12	2 29	7 11	1 37	18 12	0 9	15 37	1 8	6 1	2 46	16 38	0 43	5 10	1 39	24 35	8 43	1 9	1 39	17 20	13 14	1 31
F 29	17 10	28 28	5 6	24 22	2 28	7 38	1 37	18 24	0 10	15 36	1 8	6 0	2 45	16 38	0 43	5 11	1 39	24 35	8 43	1 12	1 40	17 17	13 15	1 31
S 30	17n26	28n15	5n 1	24n30	2n26	8n 6	1s36	18n36	0n10	15n34	1n 8	5s59	2n45	16n37	0n43	5n12	1s39	24s35	8s43	1s15	1s41	17s14	13n16	1s32

Julian Day Number = 2283998.5, Delta T = 199.13 sec
Ecliptic obliquity = 23°30'05, Nutation = - 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°20'20, Lahiri = 17°27'21 Julian Calendar 1 Apr. 1541 == Greg. Calendar 11 Apr. 1541

ASTRODIENST EPHEMERIS for the year 1541
geocentric

MAY 1541 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	15 13 6	19♉40'01	22♋22	11♊39	25♈54	23♉ 9	21♌11	21°R47	16♌29	17♈ 5	15♒22	26°R47	25♓43	21♒19	9♉39	S 1
M 2	15 17 2	20°37'47	6♌31	12°38	27° 7	23°51	21°15	21♎43	16°30	17° 7	15°22	26♓44	25°40	21°26	9°43	M 2
T 3	15 20 59	21°35'31	20°41	13°32	28°20	24°34	21°19	21°39	16°31	17° 9	15°22	26°D43	25°37	21°32	9°47	T 3
W 4	15 24 55	22°33'13	4♍50	14°23	29°33	25°16	21°24	21°36	16°32	17°11	15°22	26°43	25°34	21°39	9°51	W 4
T 5	15 28 52	23°30'54	18°56	15° 9	0♉46	25°58	21°29	21°32	16°33	17°13	15°22	26°44	25°30	21°46	9°55	T 5
F 6	15 32 48	24°28'33	2♎58	15°50	1°58	26°40	21°34	21°29	16°34	17°15	15°22	26°R44	25°27	21°52	9°59	F 6
S 7	15 36 45	25°26'10	16°55	16°27	3°11	27°23	21°39	21°25	16°35	17°17	15°R22	26°43	25°24	21°59	10° 3	S 7
S 8	15 40 41	26°23'46	0♏44	17° 0	4°24	28° 5	21°44	21°22	16°36	17°19	15°22	26°39	25°21	22° 6	10° 8	S 8
M 9	15 44 38	27°21'21	14°23	17°27	5°37	28°47	21°49	21°19	16°38	17°21	15°22	26°32	25°18	22°12	10°12	M 9
T 10	15 48 35	28°18'55	27°50	17°50	6°50	29°29	21°55	21°16	16°39	17°23	15°22	26°23	25°14	22°19	10°16	T 10
W11	15 52 31	29°16'27	11♐ 2	18° 9	8° 3	0♊11	22° 1	21°12	16°41	17°24	15°22	26°13	25°11	22°26	10°20	W11
T 12	15 56 28	0♊13'58	23°57	18°23	9°16	0°53	22° 7	21° 9	16°42	17°26	15°22	26° 2	25° 8	22°32	10°24	T 12
F 13	16 0 24	1°11'29	6♑35	18°32	10°29	1°34	22°13	21° 6	16°43	17°28	15°22	25°52	25° 5	22°39	10°28	F 13
S 14	16 4 21	2° 8'58	18°57	18°R36	11°42	2°16	22°19	21° 4	16°45	17°30	15°22	25°43	25° 2	22°46	10°32	S 14
S 15	16 8 17	3° 6'26	1♒ 5	18°36	12°55	2°58	22°25	21° 1	16°47	17°31	15°21	25°36	24°59	22°52	10°36	S 15
M16	16 12 14	4° 3'54	13° 2	18°31	14° 8	3°40	22°31	20°58	16°48	17°33	15°21	25°32	24°55	22°59	10°40	M16
T 17	16 16 11	5° 1'21	24°53	18°22	15°21	4°21	22°38	20°55	16°50	17°35	15°21	25°30	24°52	23° 6	10°44	T 17
W18	16 20 7	5°58'47	6♓43	18° 9	16°34	5° 3	22°45	20°53	16°52	17°36	15°21	25°D29	24°49	23°12	10°47	W18
T 19	16 24 4	6°56'12	18°36	17°52	17°47	5°45	22°51	20°50	16°53	17°38	15°20	25°29	24°46	23°19	10°51	T 19
F 20	16 28 0	7°53'37	0♈39	17°31	19° 0	6°26	22°58	20°48	16°55	17°40	15°20	25°R29	24°43	23°26	10°55	F 20
S 21	16 31 57	8°51'01	12°56	17° 7	20°13	7° 8	23° 5	20°46	16°57	17°41	15°20	25°28	24°40	23°32	10°59	S 21
S 22	16 35 53	9°48'24	25°32	16°40	21°26	7°49	23°13	20°43	16°59	17°43	15°19	25°25	24°36	23°39	11° 3	S 22
M23	16 39 50	10°45'47	8♉29	16°11	22°39	8°31	23°20	20°41	17° 1	17°44	15°19	25°19	24°33	23°46	11° 7	M23
T 24	16 43 46	11°43'09	21°50	15°40	23°52	9°12	23°28	20°39	17° 3	17°46	15°19	25°11	24°30	23°52	11°10	T 24
W25	16 47 43	12°40'30	5♊34	15° 7	25° 5	9°53	23°35	20°37	17° 5	17°47	15°18	25° 0	24°27	23°59	11°14	W25
T 26	16 51 40	13°37'51	19°37	14°34	26°18	10°35	23°43	20°35	17° 7	17°49	15°18	24°49	24°24	24° 6	11°18	T 26
F 27	16 55 36	14°35'11	3♋55	14° 0	27°32	11°16	23°51	20°34	17° 9	17°50	15°17	24°38	24°20	24°12	11°22	F 27
S 28	16 59 33	15°32'31	18°22	13°27	28°45	11°57	23°59	20°32	17°11	17°52	15°17	24°28	24°17	24°19	11°25	S 28
S 29	17 3 29	16°29'49	2♌52	12°54	29°58	12°38	24° 7	20°30	17°14	17°53	15°16	24°20	24°14	24°26	11°29	S 29
M30	17 7 26	17°27'07	17°18	12°23	1♊11	13°19	24°15	20°29	17°16	17°54	15°16	24°16	24°11	24°32	11°33	M30
T 31	17 11 22	18♊24'23	1♍38	11♊54	2♊24	14♊ 0	24♌23	20♎28	17♌18	17♈56	15♒15	24♓13	24♓ 8	24♒39	11♉36	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	17n42	26n11	4n37	24n36	2n23	8n33	1s36	18n47	0n11	15n33	1n 8	5s57	2n45	16n37	0n43	5n12	1s39	24s35	8s44	1s17	1s42	17s11	13n17	1s32
M 2	17 57	22 30	3 56	24 41	2 20	9 0	1 35	18 58	0 12	15 31	1 8	5 56	2 45	16 37	0 43	5 13	1 39	24 35	8 44	1 18	1 44	17 8	13 19	1 32
T 3	18 13	17 29	3 1	24 43	2 15	9 27	1 34	19 9	0 12	15 30	1 7	5 55	2 45	16 36	0 43	5 14	1 39	24 36	8 44	1 19	1 45	17 6	13 20	1 32
W 4	18 27	11 33	1 55	24 43	2 9	9 53	1 33	19 20	0 13	15 28	1 7	5 54	2 45	16 36	0 43	5 15	1 39	24 36	8 45	1 18	1 46	17 3	13 21	1 32
T 5	18 42	5 2	0 42	24 42	2 2	10 20	1 32	19 31	0 13	15 26	1 7	5 52	2 45	16 36	0 43	5 15	1 39	24 36	8 45	1 18	1 47	17 0	13 22	1 32
F 6	18 56	1s41	0s33	24 39	1 55	10 46	1 31	19 41	0 14	15 25	1 7	5 51	2 44	16 35	0 43	5 16	1 39	24 36	8 45	1 18	1 49	16 57	13 23	1 32
S 7	19 10	8 17	1 46	24 34	1 46	11 12	1 30	19 52	0 15	15 23	1 7	5 50	2 44	16 35	0 43	5 17	1 39	24 37	8 45	1 19	1 50	16 54	13 25	1 32
S 8	19 24	14 26	2 51	24 28	1 37	11 38	1 29	20 2	0 15	15 21	1 7	5 49	2 44	16 35	0 43	5 17	1 39	24 37	8 46	1 20	1 51	16 51	13 26	1 32
M 9	19 37	19 47	3 46	24 20	1 26	12 3	1 28	20 12	0 16	15 19	1 7	5 48	2 44	16 34	0 43	5 18	1 39	24 37	8 46	1 23	1 52	16 48	13 27	1 33
T 10	19 50	24 3	4 27	24 11	1 15	12 28	1 26	20 21	0 16	15 17	1 7	5 47	2 44	16 34	0 42	5 19	1 39	24 38	8 46	1 26	1 54	16 45	13 28	1 33
W11	20 3	26 59	4 53	24 1	1 3	12 53	1 25	20 31	0 17	15 15	1 6	5 46	2 43	16 33	0 42	5 19	1 39	24 38	8 47	1 31	1 55	16 42	13 29	1 33
T 12	20 15	28 24	5 3	23 49	0 50	13 18	1 24	20 40	0 18	15 13	1 6	5 45	2 43	16 33	0 42	5 20	1 39	24 38	8 47	1 35	1 56	16 40	13 30	1 33
F 13	20 27	28 18	4 58	23 36	0 36	13 42	1 22	20 50	0 18	15 11	1 6	5 44	2 43	16 32	0 42	5 21	1 39	24 39	8 47	1 39	1 58	16 37	13 32	1 33
S 14	20 39	26 46	4 39	23 22	0 21	14 6	1 21	20 59	0 19	15 9	1 6	5 43	2 43	16 32	0 42	5 21	1 39	24 39	8 47	1 42	1 59	16 34	13 33	1 33
S 15	20 50	24 0	4 8	23 6	0 6	14 30	1 19	21 7	0 19	15 7	1 6	5 42	2 43	16 31	0 42	5 22	1 39	24 39	8 48	1 45	2 0	16 31	13 34	1 33
M16	21 1	20 14	3 26	22 50	0s10	14 53	1 18	21 16	0 20	15 5	1 6	5 42	2 42	16 31	0 42	5 22	1 39	24 40	8 48	1 47	2 1	16 28	13 35	1 33
T 17	21 11	15 42	2 35	22 33	0 27	15 16	1 16	21 24	0 21	15 2	1 6	5 41	2 42	16 30	0 42	5 23	1 40	24 40	8 48	1 48	2 3	16 25	13 36	1 34
W18	21 22	10 35	1 38	22 15	0 43	15 39	1 14	21 33	0 21	15 0	1 5	5 40	2 42	16 30	0 42	5 24	1 40	24 40	8 49	1 48	2 4	16 22	13 37	1 34
T 19	21 31	5 5	0 37	21 57	1 0	16 1	1 13	21 41	0 22	14 58	1 5	5 39	2 42	16 29	0 42	5 24	1 40	24 41	8 49	1 48	2 5	16 19	13 38	1 34
F 20	21 41	0n41	0n27	21 37	1 18	16 23	1 11	21 48	0 22	14 55	1 5	5 39	2 42	16 29	0 42	5 25	1 40	24 41	8 49	1 48	2 6	16 16	13 39	1 34
S 21	21 50	6 31	1 31	21 18	1 35	16 44	1 9	21 56	0 23	14 53	1 5	5 38	2 41	16 28	0 42	5 25	1 40	24 41	8 49	1 48	2 8	16 13	13 40	1 34
S 22	21 59	12 15	2 32	20 58	1 52	17 5	1 7	22 3	0 23	14 50	1 5	5 37	2 41	16 27	0 42	5 26	1 40	24 42	8 50	1 50	2 9	16 10	13 41	1 34
M23	22 7	17 38	3 27	20 39	2 9	17 26	1 5	22 11	0 24	14 48	1 5	5 37	2 41	16 27	0 42	5 26	1 40	24 42	8 50	1 52	2 10	16 7	13 42	1 34
T 24	22 15	22 20	4 12	20 19	2 25	17 46	1 3	22 18	0 25	14 45	1 5	5 36	2 41	16 26	0 42	5 27	1 40	24 43	8 50	1 55	2 11	16 4	13 43	1 34
W25	22 23	25 57	4 44	20 0	2 41	18 6	1 1	22 24	0 25	14 43	1 5	5 36	2 40	16 25	0 42	5 28	1 40	24 43	8 51	1 59	2 13	16 1	13 44	1 35
T 26	22 30	28 4	5 0	19 41	2 56	18 25	0 59	22 31	0 26	14 40	1 5	5 35	2 40	16 25	0 42	5 28	1 40	24 43	8 51	2 4	2 14	15 59	13 45	1 35
F 27	22 36	28 23	4 57	19 23	3 11	18 44	0 57	22 37	0 26	14 37	1 4	5 35	2 40	16 24	0 42	5 29	1 40	24 44	8 51	2 8	2 15	15 56	13 46	1 35
S 28	22 43	26 47	4 35	19 6	3 24	19 2	0 55	22 43	0 27	14 34	1 4	5 34	2 40	16 23	0 42	5 29	1 40	24 44	8 51	2 12	2 16	15 53	13 47	1 35
S 29	22 49	23 24	3 56	18 50	3 36	19 20	0 53	22 49	0 27	14 32	1 4	5 34	2 39	16 23	0 42	5 30	1 40	24 45	8 52	2 15	2 18	15 50	13 48	1 35
M30	22 54	18 34	3 2	18 35	3 47	19 37	0 51	22 55	0 28	14 29	1 4	5 34	2 39	16 22	0 42	5 30	1 40	24 45	8 52	2 17	2 19	15 47	13 49	1 35
T 31	23n 0	12n44	1n56	18n22	3s57	19n54	0s49	23n 1	0n29	14n26	1n 4	5s33	2n39	16n21	0n42	5n30	1s40	24s45	8s52	2s18	2s20	15s44	13n50	1s35

Julian Day Number = 2284028.5, Delta T = 198.94 sec
Ecliptic obliquity = 23°30'05, Nutation = 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°20'24, Lahiri = 17°27'25 Julian Calendar 1 May 1541 == Greg. Calendar 11 May 1541

ASTRODIENST EPHEMERIS for the year 1541
geocentric

JUNE 1541 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	17 15 19	19♊21'39	15♍47	11°R27	3♊37	14♊41	24♌32	20°R26	17♌20	17♈57	15°R14	24°R13	24♓ 5	24♒46	11♉40	W 1
T 2	17 19 15	20°18'54	29°46	11♊ 3	4°51	15°22	24°40	20♎25	17°23	17°58	15♒14	24♓13	24° 1	24°52	11°43	T 2
F 3	17 23 12	21°16'08	13♎34	10°43	6° 4	16° 3	24°49	20°24	17°25	18° 0	15°13	24°12	23°58	24°59	11°47	F 3
S 4	17 27 9	22°13'21	27°11	10°26	7°17	16°44	24°58	20°23	17°28	18° 1	15°12	24° 9	23°55	25° 6	11°50	S 4
S 5	17 31 5	23°10'34	10♏38	10°13	8°30	17°25	25° 7	20°22	17°30	18° 2	15°12	24° 4	23°52	25°12	11°54	S 5
M 6	17 35 2	24° 7'46	23°54	10° 5	9°43	18° 6	25°15	20°21	17°33	18° 3	15°11	23°56	23°49	25°19	11°57	M 6
T 7	17 38 58	25° 4'57	6♐58	10°D 0	10°57	18°46	25°25	20°20	17°35	18° 4	15°10	23°45	23°46	25°26	12° 0	T 7
W 8	17 42 55	26° 2'09	19°51	10° 1	12°10	19°27	25°34	20°20	17°38	18° 5	15° 9	23°33	23°42	25°32	12° 4	W 8
T 9	17 46 51	26°59'19	2♑30	10° 6	13°23	20° 8	25°43	20°19	17°41	18° 6	15° 9	23°20	23°39	25°39	12° 7	T 9
F 10	17 50 48	27°56'30	14°56	10°15	14°36	20°48	25°52	20°19	17°43	18° 8	15° 8	23° 8	23°36	25°46	12°10	F 10
S 11	17 54 45	28°53'41	27°10	10°30	15°50	21°29	26° 2	20°18	17°46	18° 9	15° 7	22°57	23°33	25°52	12°13	S 11
S 12	17 58 41	29°50'51	9♒13	10°49	17° 3	22° 9	26°11	20°18	17°49	18°10	15° 6	22°48	23°30	25°59	12°16	S 12
M13	18 2 38	0♋48'01	21° 7	11°13	18°16	22°50	26°21	20°18	17°52	18°11	15° 5	22°42	23°26	26° 6	12°20	M13
T 14	18 6 34	1°45'12	2♓56	11°42	19°30	23°30	26°31	20°D18	17°54	18°11	15° 4	22°39	23°23	26°12	12°23	T 14
W15	18 10 31	2°42'22	14°44	12°16	20°43	24°11	26°41	20°18	17°57	18°12	15° 4	22°37	23°20	26°19	12°26	W15
T 16	18 14 27	3°39'33	26°37	12°54	21°57	24°51	26°51	20°18	18° 0	18°13	15° 3	22°D37	23°17	26°26	12°29	T 16
F 17	18 18 24	4°36'43	8♈39	13°38	23°10	25°31	27° 1	20°18	18° 3	18°14	15° 2	22°R37	23°14	26°32	12°32	F 17
S 18	18 22 20	5°33'54	20°56	14°25	24°23	26°12	27°11	20°19	18° 6	18°15	15° 1	22°36	23°11	26°39	12°35	S 18
S 19	18 26 17	6°31'06	3♉32	15°18	25°37	26°52	27°21	20°19	18° 9	18°16	15° 0	22°34	23° 7	26°46	12°37	S 19
M20	18 30 13	7°28'17	16°33	16°14	26°50	27°32	27°31	20°20	18°12	18°16	14°59	22°29	23° 4	26°52	12°40	M20
T 21	18 34 10	8°25'29	0♊ 1	17°16	28° 4	28°12	27°42	20°20	18°15	18°17	14°58	22°21	23° 1	26°59	12°43	T 21
W22	18 38 7	9°22'42	13°56	18°21	29°17	28°52	27°52	20°21	18°18	18°18	14°57	22°12	22°58	27° 6	12°46	W22
T 23	18 42 3	10°19'55	28°15	19°31	0♋31	29°32	28° 3	20°22	18°21	18°18	14°56	22° 2	22°55	27°12	12°49	T 23
F 24	18 46 0	11°17'08	12♋53	20°45	1°45	0♋12	28°13	20°23	18°24	18°19	14°55	21°51	22°52	27°19	12°51	F 24
S 25	18 49 56	12°14'21	27°43	22° 4	2°58	0°52	28°24	20°24	18°28	18°20	14°54	21°42	22°48	27°26	12°54	S 25
S 26	18 53 53	13°11'34	12♌36	23°26	4°12	1°32	28°35	20°25	18°31	18°20	14°53	21°35	22°45	27°32	12°56	S 26
M27	18 57 49	14° 8'48	27°23	24°53	5°25	2°12	28°46	20°26	18°34	18°21	14°51	21°31	22°42	27°39	12°59	M27
T 28	19 1 46	15° 6'01	12♍ 0	26°24	6°39	2°52	28°57	20°28	18°37	18°21	14°50	21°29	22°39	27°46	13° 1	T 28
W29	19 5 43	16° 3'14	26°21	27°58	7°53	3°32	29° 8	20°29	18°41	18°22	14°49	21°D28	22°36	27°52	13° 4	W29
T 30	19 9 39	17♋ 0'28	10♎23	29♊36	9♋ 6	4♋12	29♌19	20♎31	18♌44	18♈22	14♒48	21°R29	22♓32	27♒59	13♉ 6	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	23n 4	6n18	0n44	18n10	4s 5	20n10	0s47	23n 6	0n29	14n23	1n 4	5s33	2n39	16n20	0n42	5n31	1s40	24s46	8s52	2s18	2s22	15s41	13n51	1s36
T 2	23 9	0s21	0s29	18 0	4 12	20 26	0 44	23 11	0 30	14 20	1 4	5 33	2 39	16 20	0 42	5 31	1 40	24 46	8 53	2 18	2 23	15 38	13 52	1 36
F 3	23 13	6 55	1 40	17 52	4 17	20 41	0 42	23 16	0 30	14 17	1 4	5 33	2 38	16 19	0 42	5 32	1 40	24 47	8 53	2 19	2 24	15 35	13 53	1 36
S 4	23 16	13 3	2 45	17 45	4 21	20 56	0 40	23 21	0 31	14 14	1 4	5 33	2 38	16 18	0 42	5 32	1 40	24 47	8 53	2 20	2 25	15 32	13 54	1 36
S 5	23 19	18 31	3 39	17 41	4 24	21 10	0 37	23 25	0 31	14 11	1 3	5 32	2 38	16 17	0 42	5 33	1 40	24 48	8 53	2 22	2 27	15 29	13 55	1 36
M 6	23 22	23 0	4 20	17 38	4 26	21 23	0 35	23 30	0 32	14 8	1 3	5 32	2 37	16 17	0 42	5 33	1 41	24 48	8 54	2 25	2 28	15 26	13 56	1 36
T 7	23 25	26 15	4 47	17 38	4 26	21 36	0 33	23 34	0 32	14 5	1 3	5 32	2 37	16 16	0 42	5 33	1 41	24 49	8 54	2 29	2 29	15 23	13 57	1 36
W 8	23 26	28 5	4 59	17 39	4 24	21 48	0 30	23 38	0 33	14 1	1 3	5 32	2 37	16 15	0 42	5 34	1 41	24 49	8 54	2 34	2 30	15 20	13 58	1 37
T 9	23 28	28 25	4 56	17 42	4 22	22 0	0 28	23 41	0 33	13 58	1 3	5 32	2 37	16 14	0 42	5 34	1 41	24 50	8 54	2 39	2 32	15 17	13 59	1 37
F 10	23 29	27 17	4 39	17 47	4 18	22 11	0 26	23 45	0 34	13 55	1 3	5 33	2 36	16 13	0 42	5 34	1 41	24 50	8 55	2 44	2 33	15 14	13 59	1 37
S 11	23 30	24 51	4 9	17 53	4 14	22 22	0 23	23 48	0 34	13 52	1 3	5 33	2 36	16 12	0 42	5 35	1 41	24 50	8 55	2 48	2 34	15 11	14 0	1 37
S 12	23 30	21 20	3 28	18 2	4 8	22 32	0 21	23 51	0 35	13 48	1 3	5 33	2 36	16 11	0 42	5 35	1 41	24 51	8 55	2 52	2 35	15 8	14 1	1 37
M13	23 30	17 0	2 39	18 11	4 2	22 41	0 18	23 54	0 36	13 45	1 3	5 33	2 36	16 11	0 42	5 35	1 41	24 51	8 55	2 54	2 37	15 5	14 2	1 37
T 14	23 29	12 3	1 42	18 23	3 54	22 49	0 16	23 56	0 36	13 41	1 3	5 33	2 35	16 10	0 41	5 36	1 41	24 52	8 56	2 56	2 38	15 2	14 3	1 38
W15	23 28	6 40	0 42	18 35	3 46	22 57	0 13	23 59	0 37	13 38	1 3	5 33	2 35	16 9	0 41	5 36	1 41	24 52	8 56	2 56	2 39	14 59	14 3	1 38
T 16	23 27	1 2	0n21	18 49	3 37	23 4	0 11	24 1	0 37	13 35	1 2	5 34	2 35	16 8	0 41	5 36	1 41	24 53	8 56	2 56	2 40	14 56	14 4	1 38
F 17	23 25	4n43	1 24	19 4	3 27	23 11	0 9	24 3	0 38	13 31	1 2	5 34	2 35	16 7	0 41	5 37	1 41	24 53	8 56	2 56	2 42	14 53	14 5	1 38
S 18	23 23	10 25	2 24	19 19	3 17	23 17	0 6	24 5	0 38	13 27	1 2	5 34	2 34	16 6	0 41	5 37	1 41	24 54	8 56	2 56	2 43	14 50	14 6	1 38
S 19	23 20	15 51	3 19	19 36	3 6	23 22	0 4	24 6	0 39	13 24	1 2	5 35	2 34	16 5	0 41	5 37	1 41	24 54	8 57	2 58	2 44	14 47	14 6	1 38
M20	23 17	20 45	4 5	19 53	2 55	23 27	0 1	24 8	0 39	13 20	1 2	5 35	2 34	16 4	0 41	5 37	1 41	24 55	8 57	3 0	2 45	14 44	14 7	1 39
T 21	23 14	24 46	4 40	20 11	2 43	23 30	0n 1	24 9	0 40	13 17	1 2	5 36	2 34	16 3	0 41	5 38	1 41	24 55	8 57	3 2	2 47	14 40	14 8	1 39
W22	23 10	27 29	4 59	20 29	2 31	23 34	0 4	24 10	0 40	13 13	1 2	5 36	2 33	16 2	0 41	5 38	1 41	24 56	8 57	3 6	2 48	14 37	14 8	1 39
T 23	23 6	28 30	5 0	20 47	2 19	23 36	0 6	24 11	0 41	13 9	1 2	5 37	2 33	16 1	0 41	5 38	1 41	24 56	8 58	3 10	2 49	14 34	14 9	1 39
F 24	23 1	27 33	4 42	21 5	2 6	23 38	0 8	24 11	0 41	13 5	1 2	5 38	2 33	16 0	0 41	5 38	1 42	24 57	8 58	3 14	2 50	14 31	14 10	1 39
S 25	22 56	24 40	4 5	21 23	1 53	23 39	0 11	24 12	0 42	13 2	1 2	5 38	2 32	15 59	0 41	5 38	1 42	24 57	8 58	3 18	2 52	14 28	14 10	1 39
S 26	22 51	20 8	3 11	21 41	1 40	23 39	0 13	24 12	0 42	12 58	1 2	5 39	2 32	15 58	0 41	5 38	1 42	24 58	8 58	3 21	2 53	14 25	14 11	1 40
M27	22 45	14 21	2 4	21 58	1 27	23 39	0 16	24 12	0 43	12 54	1 2	5 40	2 32	15 57	0 41	5 39	1 42	24 59	8 58	3 23	2 54	14 22	14 11	1 40
T 28	22 39	7 51	0 50	22 14	1 13	23 38	0 18	24 11	0 43	12 50	1 2	5 40	2 32	15 56	0 41	5 39	1 42	24 59	8 59	3 23	2 56	14 19	14 12	1 40
W29	22 32	1 4	0s26	22 29	1 0	23 36	0 20	24 11	0 44	12 46	1 2	5 41	2 31	15 55	0 41	5 39	1 42	25 0	8 59	3 23	2 57	14 16	14 13	1 40
T 30	22n25	5s39	1s39	22n43	0s47	23n34	0n23	24n10	0n44	12n42	1n 2	5s42	2n31	15n54	0n41	5n39	1s42	25s 0	8s59	3s23	2s58	14s13	14n13	1s40

Julian Day Number = 2284059.5, Delta T = 198.75 sec
Ecliptic obliquity = 23°30'05, Nutation = 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°20'29, Lahiri = 17°27'29 Julian Calendar 1 June 1541 == Greg. Calendar 11 June 1541

ASTRODIENST EPHEMERIS for the year 1541
geocentric

JULY 1541 JC

00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	19 13 36	17♋57'41	24♎ 8	1♋18	10♋20	4♋52	29♌30	20♎32	18♌47	18♈23	14°R47	21°R29	22♓29	28♒ 6	13♉ 8	F 1
S 2	19 17 32	18°54'55	7♏36	3° 4	11°34	5°31	29°41	20°34	18°51	18°23	14♒46	21♓27	22°26	28°12	13°11	S 2
S 3	19 21 29	19°52'09	20°49	4°52	12°47	6°11	29°52	20°36	18°54	18°23	14°45	21°24	22°23	28°19	13°13	S 3
M 4	19 25 25	20°49'24	3♐47	6°44	14° 1	6°51	0♏ 4	20°38	18°57	18°24	14°43	21°17	22°20	28°26	13°15	M 4
T 5	19 29 22	21°46'38	16°33	8°38	15°15	7°30	0°15	20°40	19° 1	18°24	14°42	21° 9	22°17	28°32	13°17	T 5
W 6	19 33 18	22°43'53	29° 7	10°35	16°28	8°10	0°26	20°42	19° 4	18°24	14°41	20°59	22°13	28°39	13°19	W 6
T 7	19 37 15	23°41'09	11♑29	12°35	17°42	8°49	0°38	20°44	19° 8	18°24	14°40	20°49	22°10	28°46	13°21	T 7
F 8	19 41 12	24°38'25	23°42	14°36	18°56	9°29	0°49	20°46	19°11	18°24	14°39	20°39	22° 7	28°52	13°23	F 8
S 9	19 45 8	25°35'42	5♒46	16°39	20°10	10° 8	1° 1	20°49	19°15	18°25	14°37	20°30	22° 4	28°59	13°25	S 9
S 10	19 49 5	26°32'59	17°42	18°43	21°24	10°48	1°13	20°51	19°18	18°25	14°36	20°23	22° 1	29° 6	13°27	S 10
M11	19 53 1	27°30'18	29°32	20°49	22°37	11°27	1°25	20°54	19°22	18°25	14°35	20°19	21°58	29°12	13°29	M11
T 12	19 56 58	28°27'37	11♓19	22°54	23°51	12° 6	1°36	20°56	19°25	18°25	14°34	20°17	21°54	29°19	13°31	T 12
W13	20 0 54	29°24'57	23° 7	25° 1	25° 5	12°46	1°48	20°59	19°29	18°R25	14°32	20°D16	21°51	29°26	13°32	W13
T 14	20 4 51	0♌22'18	5♈ 0	27° 7	26°19	13°25	2° 0	21° 2	19°32	18°25	14°31	20°17	21°48	29°32	13°34	T 14
F 15	20 8 47	1°19'40	17° 1	29°13	27°33	14° 4	2°12	21° 5	19°36	18°25	14°30	20°18	21°45	29°39	13°36	F 15
S 16	20 12 44	2°17'03	29°17	1♌19	28°47	14°43	2°24	21° 8	19°39	18°25	14°28	20°R19	21°42	29°45	13°37	S 16
S 17	20 16 41	3°14'28	11♉52	3°24	0♌ 1	15°22	2°36	21°11	19°43	18°24	14°27	20°19	21°38	29°52	13°39	S 17
M18	20 20 37	4°11'54	24°50	5°28	1°15	16° 2	2°48	21°14	19°47	18°24	14°26	20°17	21°35	29°59	13°40	M18
T 19	20 24 34	5° 9'21	8♊16	7°31	2°29	16°41	3° 0	21°17	19°50	18°24	14°24	20°13	21°32	0♓ 5	13°41	T 19
W20	20 28 30	6° 6'49	22°11	9°33	3°43	17°20	3°13	21°21	19°54	18°24	14°23	20° 7	21°29	0°12	13°43	W20
T 21	20 32 27	7° 4'19	6♋32	11°34	4°57	17°59	3°25	21°24	19°58	18°24	14°22	20° 1	21°26	0°19	13°44	T 21
F 22	20 36 23	8° 1'50	21°18	13°34	6°11	18°38	3°37	21°28	20° 1	18°23	14°20	19°55	21°23	0°25	13°45	F 22
S 23	20 40 20	8°59'22	6♌19	15°32	7°25	19°17	3°49	21°31	20° 5	18°23	14°19	19°49	21°19	0°32	13°46	S 23
S 24	20 44 17	9°56'55	21°28	17°29	8°39	19°56	4° 2	21°35	20° 9	18°23	14°18	19°45	21°16	0°39	13°47	S 24
M25	20 48 13	10°54'29	6♍33	19°24	9°53	20°35	4°14	21°39	20°12	18°22	14°16	19°43	21°13	0°45	13°48	M25
T 26	20 52 10	11°52'04	21°28	21°18	11° 8	21°13	4°27	21°43	20°16	18°22	14°15	19°D42	21°10	0°52	13°49	T 26
W27	20 56 6	12°49'40	6♎ 5	23°10	12°22	21°52	4°39	21°46	20°20	18°21	14°14	19°43	21° 7	0°59	13°50	W27
T 28	21 0 3	13°47'17	20°20	25° 1	13°36	22°31	4°52	21°50	20°24	18°21	14°12	19°44	21° 4	1° 5	13°51	T 28
F 29	21 3 59	14°44'55	4♏11	26°51	14°50	23°10	5° 4	21°55	20°27	18°20	14°11	19°45	21° 0	1°12	13°51	F 29
S 30	21 7 56	15°42'34	17°40	28°39	16° 4	23°48	5°17	21°59	20°31	18°20	14°10	19°R46	20°57	1°19	13°52	S 30
S 31	21 11 52	16♌40'14	0♐47	0♏25	17♌19	24♋27	5♏29	22♎ 3	20♌35	18♈19	14♒ 8	19♓45	20♓54	1♓25	13♉53	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	22n18	11s56	2s45	22n56	0s34	23n31	0n25	24n 9	0n45	12n38	1n 1	5s43	2n31	15n53	0n41	5n39	1s42	25s 1	8s59	3s23	2s59	14s10	14n14	1s41
S 2	22 10	17 33	3 40	23 7	0 21	23 27	0 27	24 8	0 45	12 34	1 1	5 44	2 31	15 52	0 41	5 39	1 42	25 1	8 59	3 24	3 1	14 7	14 14	1 41
S 3	22 2	22 13	4 23	23 16	0 9	23 22	0 29	24 7	0 46	12 30	1 1	5 45	2 30	15 51	0 41	5 39	1 42	25 2	8 59	3 25	3 2	14 4	14 15	1 41
M 4	21 53	25 43	4 50	23 23	0n 3	23 17	0 32	24 6	0 46	12 26	1 1	5 46	2 30	15 50	0 41	5 39	1 42	25 2	9 0	3 28	3 3	14 1	14 15	1 41
T 5	21 44	27 51	5 3	23 28	0 15	23 11	0 34	24 4	0 47	12 22	1 1	5 47	2 30	15 49	0 41	5 39	1 42	25 3	9 0	3 31	3 4	13 58	14 15	1 41
W 6	21 35	28 31	5 1	23 30	0 26	23 5	0 36	24 2	0 47	12 18	1 1	5 48	2 30	15 48	0 41	5 39	1 42	25 3	9 0	3 35	3 6	13 54	14 16	1 41
T 7	21 25	27 44	4 45	23 30	0 36	22 57	0 38	24 0	0 48	12 14	1 1	5 49	2 29	15 47	0 41	5 39	1 42	25 4	9 0	3 39	3 7	13 51	14 16	1 42
F 8	21 15	25 37	4 16	23 28	0 46	22 49	0 40	23 58	0 48	12 10	1 1	5 50	2 29	15 46	0 41	5 39	1 42	25 4	9 0	3 43	3 8	13 48	14 17	1 42
S 9	21 5	22 21	3 35	23 23	0 55	22 41	0 42	23 55	0 49	12 5	1 1	5 51	2 29	15 44	0 41	5 39	1 42	25 5	9 0	3 46	3 9	13 45	14 17	1 42
S 10	20 54	18 12	2 46	23 15	1 4	22 32	0 44	23 53	0 49	12 1	1 1	5 52	2 29	15 43	0 41	5 39	1 43	25 5	9 0	3 49	3 11	13 42	14 18	1 42
M11	20 43	13 22	1 49	23 4	1 12	22 22	0 46	23 50	0 49	11 57	1 1	5 53	2 28	15 42	0 41	5 39	1 43	25 6	9 1	3 51	3 12	13 39	14 18	1 42
T 12	20 31	8 5	0 48	22 51	1 19	22 11	0 48	23 47	0 50	11 53	1 1	5 54	2 28	15 41	0 41	5 39	1 43	25 6	9 1	3 52	3 13	13 36	14 18	1 43
W13	20 20	2 30	0n15	22 35	1 25	22 0	0 50	23 43	0 50	11 48	1 1	5 56	2 28	15 40	0 41	5 39	1 43	25 7	9 1	3 52	3 14	13 33	14 19	1 43
T 14	20 7	3n12	1 19	22 16	1 30	21 48	0 52	23 40	0 51	11 44	1 1	5 57	2 28	15 39	0 41	5 39	1 43	25 7	9 1	3 52	3 16	13 30	14 19	1 43
F 15	19 55	8 51	2 19	21 55	1 35	21 35	0 54	23 36	0 51	11 40	1 1	5 58	2 27	15 38	0 41	5 39	1 43	25 8	9 1	3 51	3 17	13 26	14 19	1 43
S 16	19 42	14 17	3 15	21 31	1 39	21 22	0 56	23 33	0 52	11 36	1 1	6 0	2 27	15 37	0 41	5 39	1 43	25 8	9 1	3 51	3 18	13 23	14 19	1 43
S 17	19 29	19 17	4 3	21 6	1 42	21 8	0 58	23 29	0 52	11 31	1 1	6 1	2 27	15 35	0 41	5 39	1 43	25 9	9 1	3 51	3 19	13 20	14 20	1 44
M18	19 15	23 33	4 40	20 38	1 44	20 54	0 59	23 25	0 53	11 27	1 1	6 2	2 27	15 34	0 41	5 39	1 43	25 9	9 1	3 52	3 21	13 17	14 20	1 44
T 19	19 2	26 43	5 3	20 8	1 46	20 39	1 1	23 20	0 53	11 22	1 1	6 4	2 26	15 33	0 41	5 39	1 43	25 10	9 2	3 53	3 22	13 14	14 20	1 44
W20	18 48	28 25	5 9	19 37	1 46	20 23	1 3	23 16	0 54	11 18	1 1	6 5	2 26	15 32	0 41	5 38	1 43	25 10	9 2	3 55	3 23	13 11	14 20	1 44
T 21	18 33	28 17	4 57	19 4	1 47	20 7	1 4	23 11	0 54	11 13	1 1	6 7	2 26	15 31	0 41	5 38	1 43	25 11	9 2	3 58	3 24	13 8	14 20	1 44
F 22	18 18	26 10	4 25	18 29	1 46	19 50	1 6	23 6	0 54	11 9	1 1	6 8	2 26	15 30	0 41	5 38	1 43	25 11	9 2	4 0	3 26	13 5	14 21	1 45
S 23	18 3	22 11	3 34	17 54	1 45	19 33	1 7	23 1	0 55	11 4	1 1	6 10	2 25	15 28	0 41	5 38	1 43	25 12	9 2	4 3	3 27	13 1	14 21	1 45
S 24	17 48	16 43	2 27	17 16	1 43	19 15	1 9	22 56	0 55	11 0	1 1	6 11	2 25	15 27	0 41	5 38	1 43	25 12	9 2	4 4	3 28	12 58	14 21	1 45
M25	17 32	10 14	1 11	16 38	1 41	18 56	1 10	22 50	0 56	10 55	1 1	6 13	2 25	15 26	0 41	5 38	1 43	25 13	9 2	4 5	3 29	12 55	14 21	1 45
T 26	17 17	3 15	0s10	15 59	1 38	18 37	1 11	22 45	0 56	10 51	1 1	6 15	2 25	15 25	0 41	5 37	1 44	25 13	9 2	4 5	3 31	12 52	14 21	1 45
W27	17 0	3s46	1 28	15 19	1 35	18 18	1 12	22 39	0 57	10 46	1 1	6 16	2 24	15 24	0 41	5 37	1 44	25 14	9 2	4 5	3 32	12 49	14 21	1 46
T 28	16 44	10 25	2 39	14 39	1 31	17 58	1 14	22 33	0 57	10 42	1 1	6 18	2 24	15 22	0 41	5 37	1 44	25 14	9 2	4 4	3 33	12 46	14 21	1 46
F 29	16 27	16 23	3 39	13 57	1 27	17 37	1 15	22 27	0 58	10 37	1 1	6 20	2 24	15 21	0 41	5 37	1 44	25 15	9 2	4 4	3 34	12 42	14 21	1 46
S 30	16 10	21 23	4 25	13 16	1 22	17 16	1 16	22 21	0 58	10 32	1 1	6 22	2 24	15 20	0 41	5 36	1 44	25 15	9 2	4 4	3 36	12 39	14 21	1 46
S 31	15n53	25s11	4s56	12n33	1n17	16n54	1n17	22n15	0n58	10n28	1n 1	6s23	2n24	15n19	0n41	5n36	1s44	25s16	9s 2	4s 4	3s37	12s36	14n21	1s46

Julian Day Number = 2284089.5, Delta T = 198.57 sec
Ecliptic obliquity = 23°30'05, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°20'33, Lahiri = 17°27'33 Julian Calendar 1 July 1541 == Greg. Calendar 11 July 1541

ASTRODIENST EPHEMERIS for the year 1541
geocentric

AUGUST 1541 JC

00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	21 15 49	17♌37'55	13♐37	2♍10	18♌33	25♋ 6	5♍42	22♎ 7	20♌39	18°R19	14°R 7	19°R42	20♓51	1♓32	13♉53	M 1
T 2	21 19 45	18°35'37	26°10	3°54	19°47	25°44	5°55	22°12	20°42	18♈18	14♒ 6	19♓39	20°48	1°39	13°54	T 2
W 3	21 23 42	19°33'20	8♑31	5°36	21° 1	26°23	6° 7	22°16	20°46	18°17	14° 4	19°34	20°44	1°45	13°54	W 3
T 4	21 27 39	20°31'05	20°40	7°17	22°16	27° 1	6°20	22°21	20°50	18°17	14° 3	19°29	20°41	1°52	13°55	T 4
F 5	21 31 35	21°28'51	2♒42	8°56	23°30	27°40	6°33	22°25	20°54	18°16	14° 2	19°24	20°38	1°59	13°55	F 5
S 6	21 35 32	22°26'38	14°37	10°34	24°44	28°18	6°45	22°30	20°57	18°15	14° 1	19°20	20°35	2° 5	13°55	S 6
S 7	21 39 28	23°24'26	26°27	12°10	25°58	28°57	6°58	22°35	21° 1	18°14	13°59	19°17	20°32	2°12	13°55	S 7
M 8	21 43 25	24°22'16	8♓15	13°46	27°13	29°35	7°11	22°39	21° 5	18°14	13°58	19°15	20°29	2°19	13°56	M 8
T 9	21 47 21	25°20'08	20° 3	15°19	28°27	0♌14	7°24	22°44	21° 8	18°13	13°57	19°D15	20°25	2°25	13°56	T 9
W10	21 51 18	26°18'01	1♈54	16°52	29°41	0°52	7°37	22°49	21°12	18°12	13°55	19°15	20°22	2°32	13°R56	W10
T 11	21 55 14	27°15'56	13°49	18°23	0♍56	1°30	7°50	22°54	21°16	18°11	13°54	19°17	20°19	2°38	13°56	T 11
F 12	21 59 11	28°13'53	25°54	19°53	2°10	2° 9	8° 2	22°59	21°20	18°10	13°53	19°18	20°16	2°45	13°55	F 12
S 13	22 3 8	29°11'51	8♉12	21°21	3°25	2°47	8°15	23° 4	21°23	18° 9	13°51	19°20	20°13	2°52	13°55	S 13
S 14	22 7 4	0♍ 9'52	20°46	22°48	4°39	3°25	8°28	23°10	21°27	18° 8	13°50	19°21	20° 9	2°58	13°55	S 14
M15	22 11 1	1° 7'54	3♊42	24°13	5°53	4° 3	8°41	23°15	21°31	18° 7	13°49	19°R21	20° 6	3° 5	13°55	M15
T 16	22 14 57	2° 5'59	17° 2	25°37	7° 8	4°41	8°54	23°20	21°35	18° 6	13°48	19°20	20° 3	3°12	13°54	T 16
W17	22 18 54	3° 4'05	0♋48	27° 0	8°22	5°20	9° 7	23°26	21°38	18° 5	13°46	19°19	20° 0	3°18	13°54	W17
T 18	22 22 50	4° 2'14	15° 1	28°21	9°37	5°58	9°20	23°31	21°42	18° 4	13°45	19°17	19°57	3°25	13°53	T 18
F 19	22 26 47	5° 0'24	29°39	29°41	10°51	6°36	9°33	23°37	21°46	18° 3	13°44	19°16	19°54	3°32	13°53	F 19
S 20	22 30 43	5°58'36	14♌36	0♎59	12° 6	7°14	9°46	23°42	21°49	18° 2	13°43	19°14	19°50	3°38	13°52	S 20
S 21	22 34 40	6°56'51	29°46	2°15	13°20	7°52	9°59	23°48	21°53	18° 1	13°41	19°13	19°47	3°45	13°52	S 21
M22	22 38 37	7°55'06	14♍58	3°30	14°35	8°30	10°12	23°54	21°57	17°59	13°40	19°D12	19°44	3°52	13°51	M22
T 23	22 42 33	8°53'24	0♎ 3	4°43	15°49	9° 8	10°25	23°59	22° 0	17°58	13°39	19°13	19°41	3°58	13°50	T 23
W24	22 46 30	9°51'43	14°53	5°54	17° 4	9°46	10°38	24° 5	22° 4	17°57	13°38	19°13	19°38	4° 5	13°49	W24
T 25	22 50 26	10°50'04	29°21	7° 4	18°18	10°24	10°51	24°11	22° 7	17°56	13°37	19°14	19°35	4°12	13°48	T 25
F 26	22 54 23	11°48'27	13♏24	8°11	19°33	11° 1	11° 4	24°17	22°11	17°54	13°36	19°15	19°31	4°18	13°47	F 26
S 27	22 58 19	12°46'51	27° 0	9°16	20°47	11°39	11°17	24°23	22°15	17°53	13°34	19°15	19°28	4°25	13°46	S 27
S 28	23 2 16	13°45'17	10♐11	10°19	22° 2	12°17	11°30	24°29	22°18	17°52	13°33	19°R15	19°25	4°32	13°45	S 28
M29	23 6 12	14°43'44	22°59	11°20	23°16	12°55	11°43	24°35	22°22	17°51	13°32	19°15	19°22	4°38	13°44	M29
T 30	23 10 9	15°42'14	5♑28	12°17	24°31	13°32	11°56	24°41	22°25	17°49	13°31	19°15	19°19	4°45	13°43	T 30
W31	23 14 6	16♍40'44	17♑41	13♎13	25♍46	14♌10	12♍ 9	24♎47	22♌29	17♈48	13♒30	19♓15	19♓15	4♓51	13♉41	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	15n35	27s38	5s11	11n51	1n12	16n32	1n18	22n 8	0n59	10n23	1n 1	6s25	2n23	15n18	0n41	5n36	1s44	25s16	9s 3	4s 5	3s38	12s33	14n21	1s47
T 2	15 18	28 37	5 10	11 8	1 6	16 10	1 19	22 1	0 59	10 18	1 1	6 27	2 23	15 17	0 41	5 36	1 44	25 16	9 3	4 7	3 39	12 30	14 21	1 47
W 3	15 0	28 9	4 56	10 25	1 0	15 47	1 20	21 54	1 0	10 14	1 1	6 29	2 23	15 15	0 41	5 35	1 44	25 17	9 3	4 8	3 41	12 27	14 21	1 47
T 4	14 41	26 19	4 28	9 42	0 54	15 24	1 20	21 47	1 0	10 9	1 1	6 31	2 23	15 14	0 41	5 35	1 44	25 17	9 3	4 10	3 42	12 23	14 21	1 47
F 5	14 23	23 18	3 48	8 58	0 47	15 0	1 21	21 40	1 1	10 4	1 1	6 33	2 22	15 13	0 41	5 35	1 44	25 18	9 3	4 12	3 43	12 20	14 21	1 47
S 6	14 4	19 20	2 59	8 15	0 40	14 36	1 22	21 33	1 1	9 59	1 1	6 35	2 22	15 12	0 41	5 34	1 44	25 18	9 3	4 14	3 44	12 17	14 21	1 48
S 7	13 45	14 39	2 2	7 31	0 33	14 11	1 22	21 25	1 1	9 55	1 1	6 37	2 22	15 11	0 41	5 34	1 44	25 19	9 3	4 15	3 46	12 14	14 21	1 48
M 8	13 26	9 25	1 0	6 48	0 26	13 46	1 23	21 18	1 2	9 50	1 1	6 38	2 22	15 9	0 41	5 34	1 44	25 19	9 3	4 16	3 47	12 11	14 20	1 48
T 9	13 7	3 53	0n 4	6 5	0 18	13 21	1 24	21 10	1 2	9 45	1 1	6 40	2 22	15 8	0 41	5 33	1 44	25 19	9 3	4 16	3 48	12 8	14 20	1 48
W10	12 47	1n49	1 9	5 22	0 11	12 55	1 24	21 2	1 3	9 40	1 1	6 42	2 21	15 7	0 41	5 33	1 44	25 20	9 3	4 16	3 49	12 4	14 20	1 49
T 11	12 27	7 29	2 12	4 39	0 3	12 29	1 24	20 54	1 3	9 36	1 1	6 45	2 21	15 6	0 41	5 32	1 44	25 20	9 3	4 15	3 51	12 1	14 20	1 49
F 12	12 7	12 58	3 9	3 56	0s 5	12 3	1 25	20 46	1 3	9 31	1 1	6 47	2 21	15 5	0 41	5 32	1 44	25 21	9 3	4 15	3 52	11 58	14 20	1 49
S 13	11 47	18 2	3 58	3 14	0 13	11 36	1 25	20 37	1 4	9 26	1 1	6 49	2 21	15 3	0 41	5 32	1 44	25 21	9 3	4 14	3 53	11 55	14 19	1 49
S 14	11 27	22 27	4 38	2 32	0 22	11 9	1 25	20 29	1 4	9 21	1 1	6 51	2 21	15 2	0 41	5 31	1 45	25 21	9 3	4 14	3 55	11 52	14 19	1 49
M15	11 6	25 56	5 5	1 50	0 30	10 42	1 25	20 20	1 5	9 16	1 1	6 53	2 20	15 1	0 41	5 31	1 45	25 22	9 3	4 14	3 56	11 48	14 19	1 50
T 16	10 45	28 7	5 16	1 9	0 39	10 14	1 25	20 12	1 5	9 11	1 1	6 55	2 20	15 0	0 41	5 30	1 45	25 22	9 3	4 14	3 57	11 45	14 18	1 50
W17	10 24	28 40	5 10	0 28	0 47	9 46	1 25	20 3	1 6	9 7	1 1	6 57	2 20	14 59	0 41	5 30	1 45	25 23	9 3	4 14	3 58	11 42	14 18	1 50
T 18	10 3	27 22	4 45	0s12	0 56	9 18	1 25	19 54	1 6	9 2	1 1	6 59	2 20	14 57	0 41	5 29	1 45	25 23	9 3	4 15	4 0	11 39	14 18	1 50
F 19	9 42	24 12	4 1	0 51	1 4	8 49	1 25	19 45	1 6	8 57	1 1	7 2	2 20	14 56	0 41	5 29	1 45	25 23	9 3	4 16	4 1	11 36	14 17	1 50
S 20	9 21	19 22	3 0	1 31	1 13	8 21	1 25	19 35	1 7	8 52	1 1	7 4	2 20	14 55	0 41	5 28	1 45	25 24	9 3	4 16	4 2	11 32	14 17	1 51
S 21	8 59	13 14	1 46	2 9	1 22	7 52	1 24	19 26	1 7	8 47	1 1	7 6	2 19	14 54	0 41	5 28	1 45	25 24	9 3	4 17	4 3	11 29	14 17	1 51
M22	8 37	6 18	0 24	2 47	1 31	7 23	1 24	19 16	1 7	8 42	1 1	7 8	2 19	14 53	0 41	5 28	1 45	25 24	9 3	4 17	4 5	11 26	14 16	1 51
T 23	8 15	0s56	1s 0	3 24	1 39	6 53	1 23	19 7	1 8	8 37	1 1	7 10	2 19	14 52	0 41	5 27	1 45	25 25	9 3	4 17	4 6	11 23	14 16	1 51
W24	7 53	8 0	2 18	4 0	1 48	6 24	1 23	18 57	1 8	8 32	1 1	7 13	2 19	14 50	0 41	5 27	1 45	25 25	9 2	4 17	4 7	11 19	14 15	1 51
T 25	7 31	14 28	3 25	4 36	1 57	5 54	1 22	18 47	1 9	8 27	1 1	7 15	2 19	14 49	0 41	5 26	1 45	25 25	9 2	4 16	4 8	11 16	14 15	1 52
F 26	7 9	19 59	4 18	5 10	2 5	5 24	1 22	18 37	1 9	8 22	1 1	7 17	2 19	14 48	0 41	5 25	1 45	25 25	9 2	4 16	4 10	11 13	14 14	1 52
S 27	6 47	24 18	4 54	5 44	2 13	4 54	1 21	18 27	1 9	8 18	1 1	7 20	2 18	14 47	0 41	5 25	1 45	25 26	9 2	4 16	4 11	11 10	14 14	1 52
S 28	6 24	27 12	5 14	6 16	2 22	4 24	1 20	18 17	1 10	8 13	1 1	7 22	2 18	14 46	0 41	5 24	1 45	25 26	9 2	4 16	4 12	11 7	14 13	1 52
M29	6 2	28 35	5 17	6 47	2 30	3 54	1 20	18 6	1 10	8 8	1 1	7 24	2 18	14 45	0 41	5 24	1 45	25 26	9 2	4 16	4 13	11 3	14 13	1 52
T 30	5 39	28 28	5 5	7 17	2 38	3 23	1 19	17 56	1 11	8 3	1 1	7 27	2 18	14 44	0 41	5 23	1 45	25 27	9 2	4 16	4 15	11 0	14 12	1 53
W31	5n16	26s57	4s39	7s46	2s46	2n53	1n18	17n45	1n11	7n58	1n 1	7s29	2n18	14n42	0n41	5n23	1s45	25s27	9s 2	4s16	4s16	10s57	14n12	1s53

Julian Day Number = 2284120.5, Delta T = 198.38 sec
Ecliptic obliquity = 23°30'05, Nutation = 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°20'37, Lahiri = 17°27'38 Julian Calendar 1 Aug. 1541 == Greg. Calendar 11 Aug. 1541

ASTRODIENST EPHEMERIS for the year 1541
geocentric

SEPTEMBER 1541 JC

00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	23 18 2	17♍39'17	29♉44	14♎ 5	27♍ 0	14♌48	12♍22	24♎53	22♌32	17°R46	13°R29	19°R14	19♓12	4♓58	13°R40	T 1
F 2	23 21 59	18°37'51	11♒38	14°54	28°15	15°25	12°35	25° 0	22°36	17♈45	13♒28	19♓14	19° 9	5° 5	13♉39	F 2
S 3	23 25 55	19°36'27	23°27	15°40	29°29	16° 3	12°48	25° 6	22°39	17°44	13°27	19°D14	19° 6	5°11	13°37	S 3
S 4	23 29 52	20°35'05	5♓15	16°22	0♎44	16°41	13° 1	25°12	22°43	17°42	13°26	19°14	19° 3	5°18	13°36	S 4
M 5	23 33 48	21°33'44	17° 4	17° 0	1°58	17°18	13°14	25°19	22°46	17°41	13°25	19°R14	19° 0	5°25	13°34	M 5
T 6	23 37 45	22°32'26	28°56	17°33	3°13	17°56	13°27	25°25	22°49	17°39	13°24	19°14	18°56	5°31	13°33	T 6
W 7	23 41 41	23°31'09	10♈54	18° 3	4°28	18°33	13°40	25°31	22°53	17°38	13°23	19°14	18°53	5°38	13°31	W 7
T 8	23 45 38	24°29'55	22°59	18°27	5°42	19°10	13°53	25°38	22°56	17°36	13°22	19°14	18°50	5°45	13°29	T 8
F 9	23 49 35	25°28'43	5♉13	18°46	6°57	19°48	14° 5	25°45	22°59	17°35	13°21	19°13	18°47	5°51	13°27	F 9
S 10	23 53 31	26°27'33	17°39	18°59	8°11	20°25	14°18	25°51	23° 3	17°33	13°20	19°12	18°44	5°58	13°25	S 10
S 11	23 57 28	27°26'25	0♊20	19° 6	9°26	21° 3	14°31	25°58	23° 6	17°32	13°19	19°11	18°41	6° 5	13°24	S 11
M12	0 1 24	28°25'20	13°17	19°R 6	10°41	21°40	14°44	26° 4	23° 9	17°30	13°18	19°10	18°37	6°11	13°22	M12
T 13	0 5 21	29°24'17	26°34	18°59	11°55	22°17	14°57	26°11	23°12	17°29	13°18	19°D10	18°34	6°18	13°20	T 13
W14	0 9 17	0♎23'16	10♋12	18°46	13°10	22°54	15° 9	26°18	23°16	17°27	13°17	19°10	18°31	6°25	13°18	W14
T 15	0 13 14	1°22'18	24°12	18°24	14°24	23°32	15°22	26°24	23°19	17°25	13°16	19°11	18°28	6°31	13°16	T 15
F 16	0 17 10	2°21'22	8♌33	17°55	15°39	24° 9	15°35	26°31	23°22	17°24	13°15	19°12	18°25	6°38	13°13	F 16
S 17	0 21 7	3°20'28	23°14	17°18	16°54	24°46	15°48	26°38	23°25	17°22	13°14	19°13	18°21	6°45	13°11	S 17
S 18	0 25 4	4°19'37	8♍ 8	16°34	18° 8	25°23	16° 0	26°45	23°28	17°21	13°14	19°14	18°18	6°51	13° 9	S 18
M19	0 29 0	5°18'48	23°10	15°42	19°23	26° 0	16°13	26°52	23°31	17°19	13°13	19°R14	18°15	6°58	13° 7	M19
T 20	0 32 57	6°18'00	8♎11	14°44	20°38	26°37	16°26	26°59	23°34	17°17	13°12	19°13	18°12	7° 4	13° 4	T 20
W21	0 36 53	7°17'15	23° 2	13°41	21°52	27°14	16°38	27° 6	23°37	17°16	13°11	19°11	18° 9	7°11	13° 2	W21
T 22	0 40 50	8°16'32	7♏36	12°33	23° 7	27°51	16°51	27°13	23°40	17°14	13°11	19° 9	18° 6	7°18	13° 0	T 22
F 23	0 44 46	9°15'51	21°47	11°22	24°22	28°28	17° 3	27°19	23°43	17°12	13°10	19° 6	18° 2	7°24	12°57	F 23
S 24	0 48 43	10°15'12	5♐31	10°11	25°36	29° 5	17°16	27°26	23°46	17°11	13°10	19° 4	17°59	7°31	12°55	S 24
S 25	0 52 39	11°14'35	18°49	9° 1	26°51	29°42	17°28	27°34	23°49	17° 9	13° 9	19° 1	17°56	7°38	12°52	S 25
M26	0 56 36	12°13'59	1♑41	7°53	28° 6	0♍19	17°41	27°41	23°51	17° 7	13° 8	19° 0	17°53	7°44	12°49	M26
T 27	1 0 33	13°13'25	14°11	6°51	29°20	0°55	17°53	27°48	23°54	17° 6	13° 8	18°D59	17°50	7°51	12°47	T 27
W28	1 4 29	14°12'53	26°23	5°56	0♏35	1°32	18° 5	27°55	23°57	17° 4	13° 7	19° 0	17°47	7°58	12°44	W28
T 29	1 8 26	15°12'23	8♒23	5° 9	1°49	2° 9	18°18	28° 2	23°59	17° 2	13° 7	19° 1	17°43	8° 4	12°41	T 29
F 30	1 12 22	16♎11'54	20♒14	4♎31	3♏ 4	2♍46	18♍30	28♎ 9	24♌ 2	17♈ 1	13♒ 6	19♓ 3	17♓40	8♓11	12♉39	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	4n53	24s12	4s 2	8s14	2s53	2n22	1n17	17n34	1n11	7n53	1n 1	7s32	2n18	14n41	0n41	5n22	1s45	25s27	9s 2	4s16	4s17	10s54	14n11	1s53
F 2	4 31	20 27	3 14	8 39	3 0	1 51	1 16	17 24	1 12	7 48	1 1	7 34	2 18	14 40	0 41	5 22	1 45	25 27	9 2	4 16	4 18	10 50	14 10	1 53
S 3	4 8	15 55	2 18	9 3	3 7	1 21	1 15	17 13	1 12	7 43	1 1	7 36	2 17	14 39	0 41	5 21	1 45	25 28	9 2	4 16	4 19	10 47	14 10	1 53
S 4	3 44	10 48	1 17	9 26	3 14	0 50	1 13	17 2	1 12	7 38	1 1	7 39	2 17	14 38	0 41	5 21	1 45	25 28	9 2	4 16	4 21	10 44	14 9	1 54
M 5	3 21	5 18	0 12	9 46	3 20	0 19	1 12	16 51	1 13	7 33	1 2	7 41	2 17	14 37	0 41	5 20	1 45	25 28	9 2	4 16	4 22	10 41	14 9	1 54
T 6	2 58	0n24	0n54	10 4	3 26	0s12	1 11	16 40	1 13	7 28	1 2	7 44	2 17	14 36	0 41	5 19	1 45	25 28	9 2	4 16	4 23	10 37	14 8	1 54
W 7	2 35	6 7	1 57	10 20	3 31	0 43	1 10	16 28	1 14	7 23	1 2	7 46	2 17	14 35	0 41	5 19	1 45	25 28	9 1	4 16	4 24	10 34	14 7	1 54
T 8	2 11	11 41	2 57	10 34	3 35	1 14	1 8	16 17	1 14	7 18	1 2	7 49	2 17	14 34	0 41	5 18	1 46	25 29	9 1	4 16	4 26	10 31	14 6	1 54
F 9	1 48	16 53	3 49	10 44	3 39	1 45	1 7	16 5	1 14	7 14	1 2	7 51	2 17	14 33	0 41	5 18	1 46	25 29	9 1	4 17	4 27	10 28	14 6	1 55
S 10	1 25	21 28	4 31	10 52	3 42	2 15	1 5	15 54	1 15	7 9	1 2	7 54	2 17	14 31	0 41	5 17	1 46	25 29	9 1	4 17	4 28	10 24	14 5	1 55
S 11	1 1	25 10	5 0	10 56	3 44	2 46	1 4	15 42	1 15	7 4	1 2	7 56	2 16	14 30	0 42	5 16	1 46	25 29	9 1	4 17	4 29	10 21	14 4	1 55
M12	0 38	27 40	5 15	10 57	3 45	3 17	1 2	15 31	1 15	6 59	1 2	7 59	2 16	14 29	0 42	5 16	1 46	25 29	9 1	4 18	4 31	10 18	14 3	1 55
T 13	0 14	28 42	5 15	10 55	3 44	3 48	1 0	15 19	1 16	6 54	1 2	8 1	2 16	14 28	0 42	5 15	1 46	25 29	9 1	4 18	4 32	10 15	14 3	1 55
W14	0s 9	28 2	4 56	10 48	3 43	4 19	0 59	15 7	1 16	6 49	1 2	8 4	2 16	14 27	0 42	5 14	1 46	25 30	9 1	4 18	4 33	10 11	14 2	1 56
T 15	0 33	25 36	4 20	10 37	3 40	4 49	0 57	14 55	1 17	6 44	1 2	8 6	2 16	14 26	0 42	5 14	1 46	25 30	9 1	4 18	4 34	10 8	14 1	1 56
F 16	0 56	21 30	3 27	10 22	3 35	5 20	0 55	14 43	1 17	6 39	1 2	8 9	2 16	14 25	0 42	5 13	1 46	25 30	9 0	4 17	4 36	10 5	14 0	1 56
S 17	1 20	16 0	2 19	10 2	3 29	5 50	0 53	14 31	1 17	6 34	1 2	8 11	2 16	14 24	0 42	5 13	1 46	25 30	9 0	4 17	4 37	10 1	13 59	1 56
S 18	1 43	9 29	1 1	9 37	3 21	6 21	0 51	14 19	1 18	6 30	1 2	8 14	2 16	14 23	0 42	5 12	1 46	25 30	9 0	4 17	4 38	9 58	13 59	1 56
M19	2 7	2 23	0s22	9 8	3 11	6 51	0 49	14 6	1 18	6 25	1 3	8 16	2 16	14 22	0 42	5 11	1 46	25 30	9 0	4 16	4 39	9 55	13 58	1 57
T 20	2 30	4s50	1 43	8 35	2 59	7 21	0 47	13 54	1 18	6 20	1 3	8 19	2 16	14 21	0 42	5 11	1 46	25 30	9 0	4 17	4 41	9 52	13 57	1 57
W21	2 54	11 42	2 56	7 57	2 46	7 51	0 45	13 42	1 19	6 15	1 3	8 21	2 16	14 20	0 42	5 10	1 46	25 30	9 0	4 17	4 42	9 48	13 56	1 57
T 22	3 17	17 48	3 56	7 17	2 30	8 20	0 43	13 29	1 19	6 10	1 3	8 24	2 15	14 19	0 42	5 9	1 46	25 30	9 0	4 18	4 43	9 45	13 55	1 57
F 23	3 41	22 46	4 40	6 33	2 13	8 50	0 41	13 17	1 19	6 5	1 3	8 27	2 15	14 19	0 42	5 9	1 46	25 30	9 0	4 19	4 44	9 42	13 54	1 57
S 24	4 4	26 18	5 7	5 48	1 55	9 19	0 39	13 4	1 20	6 1	1 3	8 29	2 15	14 18	0 42	5 8	1 46	25 30	8 59	4 20	4 46	9 38	13 53	1 57
S 25	4 28	28 16	5 15	5 2	1 35	9 48	0 37	12 51	1 20	5 56	1 3	8 32	2 15	14 17	0 42	5 7	1 46	25 30	8 59	4 21	4 47	9 35	13 52	1 58
M26	4 51	28 37	5 8	4 17	1 15	10 17	0 34	12 39	1 20	5 51	1 3	8 34	2 15	14 16	0 42	5 7	1 46	25 30	8 59	4 22	4 48	9 32	13 51	1 58
T 27	5 14	27 28	4 45	3 34	0 54	10 46	0 32	12 26	1 21	5 46	1 3	8 37	2 15	14 15	0 42	5 6	1 46	25 30	8 59	4 22	4 49	9 29	13 50	1 58
W28	5 37	25 2	4 11	2 53	0 34	11 14	0 30	12 13	1 21	5 42	1 3	8 39	2 15	14 14	0 42	5 5	1 46	25 30	8 59	4 22	4 51	9 25	13 50	1 58
T 29	6 0	21 31	3 26	2 16	0 14	11 43	0 27	12 0	1 21	5 37	1 4	8 42	2 15	14 13	0 42	5 5	1 46	25 30	8 59	4 21	4 52	9 22	13 49	1 58
F 30	6s23	17s11	2s32	1s43	0n 6	12s10	0n25	11n47	1n22	5n32	1n 4	8s45	2n15	14n12	0n42	5n 4	1s46	25s30	8s59	4s21	4s53	9s19	13n48	1s58

Julian Day Number = 2284151.5, Delta T = 198.19 sec
Ecliptic obliquity = 23°30'05, Nutation = 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°20'41, Lahiri = 17°27'42 Julian Calendar 1 Sept. 1541 == Greg. Calendar 11 Sept. 1541

ASTRODIENST EPHEMERIS for the year 1541
geocentric

OCTOBER 1541 JC

00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	1 16 19	17♎11'28	2♓ 1	4°R 4	4♏19	3♍22	18♍42	28♎16	24♌ 5	16°R59	13°R 6	19♓ 5	17♓37	8♓18	12°R36	S 1
S 2	1 20 15	18°11'03	13°50	3♎48	5°33	3°59	18°54	28°23	24° 7	16♈57	13♒ 6	19°R 6	17°34	8°24	12♉33	S 2
M 3	1 24 12	19°10'40	25°42	3°D44	6°48	4°35	19° 6	28°30	24°10	16°56	13° 5	19° 6	17°31	8°31	12°30	M 3
T 4	1 28 8	20°10'19	7♈41	3°50	8° 3	5°12	19°18	28°37	24°12	16°54	13° 5	19° 4	17°27	8°38	12°27	T 4
W 5	1 32 5	21° 9'59	19°49	4° 7	9°17	5°48	19°30	28°45	24°15	16°52	13° 4	19° 1	17°24	8°44	12°25	W 5
T 6	1 36 1	22° 9'42	2♉ 8	4°34	10°32	6°25	19°42	28°52	24°17	16°51	13° 4	18°56	17°21	8°51	12°22	T 6
F 7	1 39 58	23° 9'27	14°39	5°11	11°46	7° 1	19°54	28°59	24°20	16°49	13° 4	18°51	17°18	8°57	12°19	F 7
S 8	1 43 55	24° 9'14	27°22	5°56	13° 1	7°38	20° 6	29° 6	24°22	16°47	13° 4	18°45	17°15	9° 4	12°16	S 8
S 9	1 47 51	25° 9'04	10♊18	6°49	14°16	8°14	20°18	29°13	24°24	16°46	13° 3	18°39	17°12	9°11	12°13	S 9
M10	1 51 48	26° 8'55	23°27	7°49	15°30	8°50	20°29	29°21	24°26	16°44	13° 3	18°33	17° 8	9°17	12°10	M10
T 11	1 55 44	27° 8'49	6♋50	8°55	16°45	9°27	20°41	29°28	24°29	16°42	13° 3	18°30	17° 5	9°24	12° 7	T 11
W12	1 59 41	28° 8'45	20°27	10° 7	17°59	10° 3	20°53	29°35	24°31	16°41	13° 3	18°28	17° 2	9°31	12° 4	W12
T 13	2 3 37	29° 8'43	4♌18	11°23	19°14	10°39	21° 4	29°42	24°33	16°39	13° 3	18°D28	16°59	9°37	12° 1	T 13
F 14	2 7 34	0♏ 8'43	18°24	12°43	20°28	11°15	21°16	29°49	24°35	16°37	13° 3	18°29	16°56	9°44	11°58	F 14
S 15	2 11 31	1° 8'46	2♍44	14° 7	21°43	11°51	21°27	29°57	24°37	16°36	13° 2	18°30	16°52	9°51	11°54	S 15
S 16	2 15 27	2° 8'51	17°15	15°33	22°58	12°27	21°38	0♏ 4	24°39	16°34	13° 2	18°R31	16°49	9°57	11°51	S 16
M17	2 19 24	3° 8'57	1♎54	17° 2	24°12	13° 3	21°49	0°11	24°41	16°32	13°D 2	18°30	16°46	10° 4	11°48	M17
T 18	2 23 20	4° 9'06	16°35	18°32	25°27	13°39	22° 1	0°18	24°43	16°31	13° 2	18°27	16°43	10°11	11°45	T 18
W19	2 27 17	5° 9'17	1♏12	20° 4	26°41	14°15	22°12	0°25	24°44	16°29	13° 2	18°22	16°40	10°17	11°42	W19
T 20	2 31 13	6° 9'30	15°37	21°38	27°56	14°51	22°23	0°33	24°46	16°28	13° 2	18°15	16°37	10°24	11°39	T 20
F 21	2 35 10	7° 9'44	29°45	23°12	29°11	15°27	22°34	0°40	24°48	16°26	13° 3	18° 7	16°33	10°30	11°35	F 21
S 22	2 39 6	8°10'00	13♐30	24°47	0♐25	16° 3	22°45	0°47	24°50	16°25	13° 3	17°58	16°30	10°37	11°32	S 22
S 23	2 43 3	9°10'18	26°50	26°23	1°40	16°38	22°55	0°54	24°51	16°23	13° 3	17°51	16°27	10°44	11°29	S 23
M24	2 47 0	10°10'38	9♑45	27°59	2°54	17°14	23° 6	1° 1	24°53	16°22	13° 3	17°44	16°24	10°50	11°26	M24
T 25	2 50 56	11°10'58	22°18	29°35	4° 9	17°50	23°17	1° 8	24°54	16°20	13° 3	17°40	16°21	10°57	11°23	T 25
W26	2 54 53	12°11'21	4♒32	1♏12	5°23	18°25	23°27	1°16	24°56	16°19	13° 3	17°38	16°18	11° 4	11°19	W26
T 27	2 58 49	13°11'44	16°32	2°49	6°38	19° 1	23°38	1°23	24°57	16°17	13° 4	17°D38	16°14	11°10	11°16	T 27
F 28	3 2 46	14°12'09	28°23	4°25	7°52	19°36	23°48	1°30	24°58	16°16	13° 4	17°39	16°11	11°17	11°13	F 28
S 29	3 6 42	15°12'36	10♓10	6° 2	9° 7	20°12	23°58	1°37	25° 0	16°14	13° 4	17°40	16° 8	11°24	11°10	S 29
S 30	3 10 39	16°13'03	21°59	7°39	10°21	20°47	24° 9	1°44	25° 1	16°13	13° 5	17°R40	16° 5	11°30	11° 7	S 30
M31	3 14 35	17♏13'32	3♈55	9♏15	11♐36	21♍23	24♍19	1♏51	25♌ 2	16♈12	13♒ 5	17♓38	16♓ 2	11♓37	11♉ 4	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		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	6s46	12s13	1s32	1s15	0n24	12s38	0n23	11n34	1n22	5n28	1n 4	8s47	2n15	14n11	0n42	5n 4	1s46	25s30	8s58	4s20	4s54	9s15	13n47	1s59	S 1
S 2	7 9	6 49	0 29	0 54	0 41	13 5	0 20	11 21	1 22	5 23	1 4	8 50	2 15	14 11	0 42	5 3	1 46	25 30	8 58	4 20	4 56	9 12	13 46	1 59	S 2
M 3	7 32	1 10	0n36	0 37	0 56	13 32	0 18	11 8	1 23	5 18	1 4	8 52	2 15	14 10	0 42	5 2	1 46	25 30	8 58	4 20	4 57	9 9	13 45	1 59	M 3
T 4	7 54	4n35	1 40	0 27	1 10	13 59	0 15	10 55	1 23	5 14	1 4	8 55	2 15	14 9	0 42	5 2	1 46	25 30	8 58	4 20	4 58	9 5	13 44	1 59	T 4
W 5	8 17	10 15	2 40	0 23	1 23	14 25	0 13	10 42	1 23	5 9	1 4	8 57	2 15	14 8	0 42	5 1	1 46	25 30	8 58	4 21	4 59	9 2	13 43	1 59	W 5
T 6	8 39	15 35	3 34	0 24	1 33	14 51	0 10	10 29	1 24	5 4	1 4	9 0	2 15	14 8	0 42	5 0	1 46	25 30	8 58	4 23	5 1	8 59	13 42	1 59	T 6
F 7	9 1	20 22	4 18	0 30	1 42	15 17	0 8	10 15	1 24	5 0	1 5	9 3	2 15	14 7	0 42	5 0	1 46	25 30	8 57	4 25	5 2	8 56	13 41	1 59	F 7
S 8	9 23	24 19	4 50	0 41	1 50	15 42	0 5	10 2	1 24	4 55	1 5	9 5	2 15	14 6	0 42	4 59	1 46	25 30	8 57	4 28	5 3	8 52	13 40	2 0	S 8
S 9	9 45	27 7	5 8	0 56	1 56	16 7	0 3	9 49	1 25	4 51	1 5	9 8	2 15	14 5	0 42	4 58	1 46	25 30	8 57	4 30	5 4	8 49	13 38	2 0	S 9
M10	10 7	28 30	5 10	1 16	2 1	16 31	0 0	9 35	1 25	4 46	1 5	9 10	2 15	14 5	0 42	4 58	1 46	25 30	8 57	4 32	5 6	8 46	13 37	2 0	M10
T 11	10 29	28 14	4 55	1 39	2 4	16 55	0s 2	9 22	1 25	4 42	1 5	9 13	2 15	14 4	0 42	4 57	1 46	25 30	8 57	4 34	5 7	8 42	13 36	2 0	T 11
W12	10 51	26 17	4 24	2 5	2 6	17 19	0 5	9 9	1 26	4 37	1 5	9 15	2 15	14 3	0 43	4 57	1 46	25 30	8 57	4 34	5 8	8 39	13 35	2 0	W12
T 13	11 12	22 45	3 37	2 34	2 8	17 42	0 8	8 55	1 26	4 33	1 5	9 18	2 15	14 3	0 43	4 56	1 46	25 30	8 56	4 34	5 9	8 36	13 34	2 0	T 13
F 14	11 33	17 49	2 36	3 5	2 8	18 5	0 10	8 42	1 26	4 29	1 5	9 20	2 15	14 2	0 43	4 55	1 46	25 29	8 56	4 34	5 10	8 32	13 33	2 0	F 14
S 15	11 54	11 51	1 25	3 38	2 7	18 27	0 13	8 28	1 27	4 24	1 6	9 23	2 15	14 1	0 43	4 55	1 46	25 29	8 56	4 34	5 12	8 29	13 32	2 1	S 15
S 16	12 15	5 9	0 7	4 12	2 6	18 49	0 15	8 15	1 27	4 20	1 6	9 25	2 15	14 1	0 43	4 54	1 46	25 29	8 56	4 33	5 13	8 26	13 31	2 1	S 16
M17	12 36	1s51	1s12	4 48	2 3	19 10	0 18	8 1	1 27	4 16	1 6	9 28	2 15	14 0	0 43	4 53	1 46	25 29	8 56	4 34	5 14	8 22	13 30	2 1	M17
T 18	12 56	8 47	2 26	5 26	2 0	19 31	0 21	7 48	1 28	4 11	1 6	9 30	2 15	13 59	0 43	4 53	1 46	25 29	8 55	4 35	5 15	8 19	13 29	2 1	T 18
W19	13 16	15 12	3 30	6 4	1 57	19 51	0 23	7 34	1 28	4 7	1 6	9 33	2 15	13 59	0 43	4 52	1 46	25 29	8 55	4 37	5 17	8 16	13 28	2 1	W19
T 20	13 36	20 41	4 19	6 42	1 53	20 10	0 26	7 20	1 28	4 3	1 6	9 35	2 15	13 58	0 43	4 52	1 46	25 28	8 55	4 39	5 18	8 12	13 27	2 1	T 20
F 21	13 56	24 54	4 52	7 21	1 49	20 29	0 29	7 7	1 29	3 59	1 7	9 38	2 15	13 58	0 43	4 51	1 46	25 28	8 55	4 43	5 19	8 9	13 26	2 1	F 21
S 22	14 16	27 32	5 6	8 1	1 44	20 48	0 31	6 53	1 29	3 54	1 7	9 40	2 15	13 57	0 43	4 51	1 46	25 28	8 55	4 46	5 20	8 6	13 25	2 1	S 22
S 23	14 35	28 31	5 3	8 40	1 39	21 6	0 34	6 39	1 29	3 50	1 7	9 43	2 15	13 57	0 43	4 50	1 46	25 28	8 55	4 49	5 22	8 2	13 23	2 1	S 23
M24	14 54	27 53	4 45	9 20	1 33	21 23	0 36	6 26	1 30	3 46	1 7	9 45	2 15	13 56	0 43	4 49	1 46	25 28	8 54	4 51	5 23	7 59	13 22	2 2	M24
T 25	15 13	25 49	4 13	9 59	1 28	21 40	0 39	6 12	1 30	3 42	1 7	9 48	2 15	13 56	0 43	4 49	1 46	25 27	8 54	4 53	5 24	7 56	13 21	2 2	T 25
W26	15 32	22 35	3 31	10 39	1 22	21 56	0 41	5 58	1 30	3 38	1 7	9 50	2 15	13 55	0 43	4 48	1 46	25 27	8 54	4 54	5 25	7 52	13 20	2 2	W26
T 27	15 50	18 27	2 39	11 18	1 15	22 12	0 44	5 45	1 31	3 34	1 7	9 53	2 15	13 55	0 43	4 48	1 46	25 27	8 54	4 54	5 27	7 49	13 19	2 2	T 27
F 28	16 9	13 39	1 42	11 57	1 9	22 27	0 46	5 31	1 31	3 30	1 8	9 55	2 15	13 54	0 43	4 47	1 46	25 27	8 54	4 54	5 28	7 46	13 18	2 2	F 28
S 29	16 26	8 24	0 40	12 35	1 3	22 41	0 49	5 17	1 31	3 26	1 8	9 58	2 15	13 54	0 43	4 47	1 46	25 26	8 54	4 53	5 29	7 42	13 17	2 2	S 29
S 30	16 44	2 50	0n23	13 13	0 56	22 54	0 51	5 4	1 32	3 22	1 8	10 0	2 15	13 54	0 43	4 46	1 45	25 26	8 53	4 53	5 30	7 39	13 16	2 2	S 30
M31	17s 1	2n52	1n26	13s50	0n50	23s 7	0s54	4n50	1n32	3n19	1n 8	10s 2	2n15	13n53	0n43	4n46	1s45	25s26	8s53	4s54	5s32	7s36	13n15	2s 2	M31

Julian Day Number = 2284181.5, Delta T = 198.01 sec
Ecliptic obliquity = 23°30'05, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°20'46, Lahiri = 17°27'46 Julian Calendar 1 Oct. 1541 == Greg. Calendar 11 Oct. 1541

ASTRODIENST EPHEMERIS for the year 1541
geocentric

NOVEMBER 1541 JC

00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	3 18 32	18♏14'03	16♈ 1	10♏52	12♐50	21♍58	24♍29	1♏58	25♌ 3	16°R10	13♒ 5	17°R34	15♓58	11♓44	11°R 0	T 1
W 2	3 22 28	19°14'35	28°20	12°28	14° 5	22°33	24°39	2° 5	25° 4	16♈ 9	13° 6	17♓28	15°55	11°50	10♉57	W 2
T 3	3 26 25	20°15'08	10♉55	14° 4	15°19	23° 8	24°48	2°12	25° 5	16° 7	13° 6	17°19	15°52	11°57	10°54	T 3
F 4	3 30 22	21°15'43	23°46	15°40	16°34	23°43	24°58	2°19	25° 6	16° 6	13° 7	17° 8	15°49	12° 4	10°51	F 4
S 5	3 34 18	22°16'20	6♊51	17°15	17°48	24°19	25° 8	2°26	25° 7	16° 5	13° 7	16°56	15°46	12°10	10°48	S 5
S 6	3 38 15	23°16'58	20°10	18°51	19° 3	24°54	25°17	2°33	25° 8	16° 4	13° 8	16°45	15°43	12°17	10°45	S 6
M 7	3 42 11	24°17'37	3♋41	20°26	20°17	25°29	25°27	2°40	25° 9	16° 2	13° 8	16°35	15°39	12°23	10°42	M 7
T 8	3 46 8	25°18'19	17°22	22° 1	21°31	26° 3	25°36	2°47	25°10	16° 1	13° 9	16°27	15°36	12°30	10°39	T 8
W 9	3 50 4	26°19'01	1♌10	23°36	22°46	26°38	25°45	2°54	25°11	16° 0	13° 9	16°22	15°33	12°37	10°35	W 9
T 10	3 54 1	27°19'46	15° 5	25°11	24° 0	27°13	25°54	3° 0	25°11	15°59	13°10	16°19	15°30	12°43	10°32	T 10
F 11	3 57 58	28°20'32	29° 6	26°46	25°15	27°48	26° 3	3° 7	25°12	15°58	13°11	16°D19	15°27	12°50	10°29	F 11
S 12	4 1 54	29°21'19	13♍12	28°20	26°29	28°23	26°12	3°14	25°12	15°56	13°11	16°R19	15°24	12°57	10°26	S 12
S 13	4 5 51	0♐22'08	27°23	29°55	27°43	28°57	26°21	3°21	25°13	15°55	13°12	16°18	15°20	13° 3	10°23	S 13
M14	4 9 47	1°22'59	11♎36	1♐29	28°58	29°32	26°29	3°27	25°13	15°54	13°13	16°16	15°17	13°10	10°21	M14
T 15	4 13 44	2°23'51	25°50	3° 3	0♑12	0♎ 6	26°38	3°34	25°14	15°53	13°13	16°11	15°14	13°17	10°18	T 15
W16	4 17 40	3°24'44	10♏ 1	4°38	1°26	0°41	26°46	3°40	25°14	15°52	13°14	16° 3	15°11	13°23	10°15	W16
T 17	4 21 37	4°25'39	24° 4	6°12	2°41	1°15	26°54	3°47	25°14	15°51	13°15	15°53	15° 8	13°30	10°12	T 17
F 18	4 25 33	5°26'35	7♐55	7°46	3°55	1°49	27° 2	3°54	25°14	15°50	13°16	15°40	15° 4	13°37	10° 9	F 18
S 19	4 29 30	6°27'32	21°28	9°20	5° 9	2°23	27°10	4° 0	25°15	15°49	13°17	15°27	15° 1	13°43	10° 6	S 19
S 20	4 33 27	7°28'30	4♑42	10°54	6°23	2°58	27°18	4° 7	25°15	15°48	13°18	15°15	14°58	13°50	10° 4	S 20
M21	4 37 23	8°29'29	17°34	12°28	7°38	3°32	27°26	4°13	25°R15	15°48	13°19	15° 4	14°55	13°57	10° 1	M21
T 22	4 41 20	9°30'28	0♒ 6	14° 3	8°52	4° 6	27°34	4°19	25°15	15°47	13°19	14°56	14°52	14° 3	9°58	T 22
W23	4 45 16	10°31'29	12°20	15°37	10° 6	4°40	27°41	4°26	25°15	15°46	13°20	14°51	14°49	14°10	9°55	W23
T 24	4 49 13	11°32'29	24°20	17°11	11°20	5°13	27°48	4°32	25°14	15°45	13°21	14°48	14°45	14°16	9°53	T 24
F 25	4 53 9	12°33'31	6♓12	18°45	12°35	5°47	27°56	4°38	25°14	15°44	13°22	14°47	14°42	14°23	9°50	F 25
S 26	4 57 6	13°34'33	17°59	20°20	13°49	6°21	28° 3	4°44	25°14	15°44	13°23	14°47	14°39	14°30	9°48	S 26
S 27	5 1 2	14°35'35	29°48	21°54	15° 3	6°55	28°10	4°50	25°14	15°43	13°24	14°47	14°36	14°36	9°45	S 27
M28	5 4 59	15°36'38	11♈45	23°29	16°17	7°28	28°16	4°56	25°13	15°42	13°25	14°45	14°33	14°43	9°43	M28
T 29	5 8 56	16°37'42	23°55	25° 3	17°31	8° 1	28°23	5° 2	25°13	15°42	13°27	14°41	14°30	14°50	9°40	T 29
W30	5 12 52	17♐38'46	6♉21	26♐38	18♑45	8♎35	28♍29	5♏ 8	25♌12	15♈41	13♒28	14♓33	14♓26	14♓56	9♉38	W30

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	17s18	8n33	2n26	14s27	0n43	23s20	0s56	4n36	1n32	3n15	1n 8	10s 5	2n15	13n53	0n43	4n45	1s45	25s26	8s53	4s55	5s33	7s32	13n14	2s 2	
W 2	17 35	14 1	3 19	15 3	0 36	23 31	0 59	4 23	1 32	3 11	1 9	10 7	2 15	13 53	0 43	4 45	1 45	25 25	8 53	4 58	5 34	7 29	13 13	2 2	
T 3	17 51	19 0	4 4	15 38	0 29	23 42	1 1	4 9	1 33	3 7	1 9	10 9	2 15	13 52	0 43	4 44	1 45	25 25	8 53	5 1	5 35	7 25	13 12	2 2	
F 4	18 7	23 15	4 38	16 13	0 22	23 52	1 3	3 55	1 33	3 4	1 9	10 12	2 15	13 52	0 43	4 44	1 45	25 25	8 52	5 6	5 36	7 22	13 11	2 3	
S 5	18 23	26 24	4 58	16 47	0 16	24 2	1 6	3 42	1 33	3 0	1 9	10 14	2 15	13 52	0 44	4 43	1 45	25 24	8 52	5 10	5 38	7 19	13 10	2 3	
S 6	18 38	28 9	5 2	17 20	0 9	24 11	1 8	3 28	1 34	2 56	1 9	10 16	2 15	13 52	0 44	4 43	1 45	25 24	8 52	5 15	5 39	7 15	13 9	2 3	
M 7	18 54	28 16	4 49	17 52	0 2	24 19	1 10	3 14	1 34	2 53	1 10	10 19	2 15	13 51	0 44	4 42	1 45	25 24	8 52	5 19	5 40	7 12	13 8	2 3	
T 8	19 8	26 40	4 20	18 24	0s 5	24 26	1 12	3 1	1 34	2 49	1 10	10 21	2 15	13 51	0 44	4 42	1 45	25 23	8 52	5 22	5 41	7 9	13 7	2 3	
W 9	19 23	23 27	3 35	18 54	0 11	24 33	1 14	2 47	1 35	2 46	1 10	10 23	2 15	13 51	0 44	4 42	1 45	25 23	8 52	5 24	5 43	7 5	13 6	2 3	
T 10	19 37	18 52	2 38	19 24	0 18	24 38	1 17	2 34	1 35	2 42	1 10	10 25	2 15	13 51	0 44	4 41	1 45	25 23	8 51	5 25	5 44	7 2	13 5	2 3	
F 11	19 51	13 13	1 30	19 53	0 24	24 43	1 19	2 20	1 35	2 39	1 10	10 28	2 15	13 51	0 44	4 41	1 45	25 22	8 51	5 25	5 45	6 59	13 4	2 3	
S 12	20 4	6 52	0 17	20 21	0 31	24 48	1 21	2 6	1 35	2 36	1 11	10 30	2 16	13 50	0 44	4 40	1 45	25 22	8 51	5 25	5 46	6 55	13 3	2 3	
S 13	20 17	0 9	0s58	20 48	0 37	24 51	1 23	1 53	1 36	2 32	1 11	10 32	2 16	13 50	0 44	4 40	1 45	25 22	8 51	5 25	5 48	6 52	13 2	2 3	
M14	20 29	6s35	2 10	21 13	0 44	24 54	1 25	1 39	1 36	2 29	1 11	10 34	2 16	13 50	0 44	4 40	1 45	25 21	8 51	5 26	5 49	6 48	13 1	2 3	
T 15	20 42	13 0	3 13	21 38	0 50	24 56	1 26	1 26	1 36	2 26	1 11	10 36	2 16	13 50	0 44	4 39	1 45	25 21	8 51	5 28	5 50	6 45	13 0	2 3	
W16	20 53	18 43	4 4	22 2	0 56	24 58	1 28	1 12	1 37	2 23	1 11	10 39	2 16	13 50	0 44	4 39	1 45	25 20	8 50	5 31	5 51	6 42	12 59	2 3	
T 17	21 5	23 21	4 39	22 25	1 2	24 58	1 30	0 59	1 37	2 20	1 12	10 41	2 16	13 50	0 44	4 39	1 45	25 20	8 50	5 35	5 52	6 38	12 58	2 3	
F 18	21 16	26 35	4 58	22 46	1 7	24 58	1 32	0 46	1 37	2 17	1 12	10 43	2 16	13 50	0 44	4 38	1 45	25 20	8 50	5 40	5 54	6 35	12 57	2 3	
S 19	21 27	28 12	4 59	23 7	1 13	24 57	1 33	0 32	1 37	2 14	1 12	10 45	2 16	13 50	0 44	4 38	1 45	25 19	8 50	5 45	5 55	6 32	12 56	2 3	
S 20	21 37	28 9	4 44	23 26	1 18	24 56	1 35	0 19	1 38	2 11	1 12	10 47	2 16	13 50	0 44	4 38	1 45	25 19	8 50	5 50	5 56	6 28	12 55	2 3	
M21	21 47	26 33	4 14	23 44	1 24	24 53	1 36	0 6	1 38	2 8	1 12	10 49	2 16	13 50	0 44	4 37	1 45	25 18	8 50	5 54	5 57	6 25	12 54	2 3	
T 22	21 56	23 39	3 33	24 1	1 29	24 50	1 38	0s 8	1 38	2 5	1 13	10 51	2 17	13 50	0 44	4 37	1 45	25 18	8 50	5 57	5 59	6 21	12 53	2 3	
W23	22 5	19 45	2 43	24 16	1 34	24 46	1 39	0 21	1 39	2 2	1 13	10 53	2 17	13 50	0 44	4 37	1 45	25 18	8 49	5 59	6 0	6 18	12 53	2 3	
T 24	22 14	15 7	1 46	24 31	1 38	24 41	1 41	0 34	1 39	2 0	1 13	10 55	2 17	13 50	0 44	4 36	1 45	25 17	8 49	6 0	6 1	6 15	12 52	2 3	
F 25	22 22	9 58	0 45	24 44	1 43	24 36	1 42	0 47	1 39	1 57	1 13	10 57	2 17	13 50	0 44	4 36	1 44	25 17	8 49	6 0	6 2	6 11	12 51	2 4	
S 26	22 29	4 30	0n17	24 55	1 47	24 29	1 43	1 0	1 39	1 54	1 14	10 59	2 17	13 50	0 44	4 36	1 44	25 16	8 49	6 0	6 4	6 8	12 50	2 4	
S 27	22 37	1n 7	1 19	25 6	1 51	24 22	1 44	1 13	1 40	1 52	1 14	11 1	2 17	13 51	0 44	4 36	1 44	25 16	8 49	6 1	6 5	6 5	12 49	2 4	
M28	22 43	6 46	2 18	25 15	1 54	24 15	1 45	1 26	1 40	1 49	1 14	11 3	2 17	13 51	0 45	4 36	1 44	25 15	8 49	6 1	6 6	6 1	12 48	2 4	
T 29	22 50	12 16	3 11	25 22	1 58	24 6	1 46	1 39	1 40	1 47	1 14	11 5	2 17	13 51	0 45	4 35	1 44	25 15	8 49	6 3	6 7	5 58	12 48	2 4	
W30	22s56	17n23	3n57	25s28	2s 1	23s57	1s47	1s52	1n41	1n45	1n15	11s 6	2n18	13n51	0n45	4n35	1s44	25s14	8s48	6s 6	6s 8	5s54	12n47	2s 4	

Julian Day Number = 2284212.5, Delta T = 197.82 sec
Ecliptic obliquity = 23°30'05, Nutation = 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°20'50, Lahiri = 17°27'50 Julian Calendar 1 Nov. 1541 == Greg. Calendar 11 Nov. 1541

ASTRODIENST EPHEMERIS for the year 1541
geocentric

DECEMBER 1541 JC

00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	5 16 49	18♐39'50	19♉ 6	28♐12	19♋59	9♎ 8	28♍36	5♏14	25°R12	15°R40	13♒29	14°R23	14♓23	15♓ 3	9°R36	T 1
F 2	5 20 45	19°40'55	2♊12	29°47	21°13	9°41	28°42	5°20	25♌11	15♈40	13°30	14♓11	14°20	15°10	9♉34	F 2
S 3	5 24 42	20°42'01	15°39	1♋22	22°27	10°14	28°48	5°26	25°11	15°39	13°31	13°58	14°17	15°16	9°31	S 3
S 4	5 28 38	21°43'07	29°23	2°56	23°41	10°47	28°54	5°32	25°10	15°39	13°32	13°45	14°14	15°23	9°29	S 4
M 5	5 32 35	22°44'13	13♋21	4°31	24°55	11°20	28°59	5°37	25° 9	15°38	13°34	13°34	14°10	15°30	9°27	M 5
T 6	5 36 31	23°45'21	27°29	6° 5	26° 9	11°53	29° 5	5°43	25° 8	15°38	13°35	13°25	14° 7	15°36	9°25	T 6
W 7	5 40 28	24°46'28	11♌41	7°40	27°23	12°26	29°10	5°48	25° 8	15°38	13°36	13°19	14° 4	15°43	9°23	W 7
T 8	5 44 25	25°47'37	25°53	9°14	28°36	12°59	29°16	5°54	25° 7	15°37	13°37	13°16	14° 1	15°49	9°21	T 8
F 9	5 48 21	26°48'45	10♍ 4	10°48	29°50	13°31	29°21	5°59	25° 6	15°37	13°39	13°D15	13°58	15°56	9°19	F 9
S 10	5 52 18	27°49'55	24°11	12°21	1♒ 4	14° 4	29°26	6° 5	25° 5	15°37	13°40	13°R15	13°55	16° 3	9°17	S 10
S 11	5 56 14	28°51'05	8♎13	13°54	2°18	14°36	29°30	6°10	25° 4	15°37	13°41	13°14	13°51	16° 9	9°15	S 11
M12	6 0 11	29°52'15	22°10	15°26	3°31	15° 8	29°35	6°15	25° 3	15°36	13°43	13°13	13°48	16°16	9°14	M12
T 13	6 4 7	0♋53'26	6♏ 2	16°57	4°45	15°40	29°39	6°20	25° 1	15°36	13°44	13° 8	13°45	16°23	9°12	T 13
W14	6 8 4	1°54'38	19°46	18°28	5°59	16°12	29°44	6°26	25° 0	15°36	13°45	13° 1	13°42	16°29	9°10	W14
T 15	6 12 1	2°55'50	3♐22	19°56	7°12	16°44	29°48	6°31	24°59	15°36	13°47	12°51	13°39	16°36	9° 9	T 15
F 16	6 15 57	3°57'02	16°47	21°24	8°26	17°16	29°52	6°36	24°58	15°36	13°48	12°39	13°36	16°43	9° 7	F 16
S 17	6 19 54	4°58'15	29°59	22°49	9°39	17°48	29°55	6°40	24°56	15°D36	13°50	12°27	13°32	16°49	9° 6	S 17
S 18	6 23 50	5°59'27	12♋55	24°12	10°53	18°20	29°59	6°45	24°55	15°36	13°51	12°15	13°29	16°56	9° 5	S 18
M19	6 27 47	7° 0'39	25°36	25°32	12° 6	18°51	0♎ 2	6°50	24°53	15°36	13°53	12° 4	13°26	17° 3	9° 3	M19
T 20	6 31 43	8° 1'51	8♒ 0	26°49	13°19	19°22	0° 5	6°55	24°52	15°36	13°54	11°57	13°23	17° 9	9° 2	T 20
W21	6 35 40	9° 3'03	20°11	28° 3	14°33	19°54	0° 8	6°59	24°50	15°36	13°56	11°51	13°20	17°16	9° 1	W21
T 22	6 39 36	10° 4'15	2♓ 9	29°11	15°46	20°25	0°11	7° 4	24°49	15°36	13°57	11°49	13°16	17°23	9° 0	T 22
F 23	6 43 33	11° 5'26	13°59	0♒15	16°59	20°56	0°14	7° 8	24°47	15°36	13°59	11°D48	13°13	17°29	8°59	F 23
S 24	6 47 30	12° 6'36	25°46	1°12	18°12	21°26	0°16	7°12	24°46	15°37	14° 0	11°49	13°10	17°36	8°58	S 24
S 25	6 51 26	13° 7'46	7♈35	2° 2	19°25	21°57	0°18	7°17	24°44	15°37	14° 2	11°R50	13° 7	17°42	8°57	S 25
M26	6 55 23	14° 8'55	19°31	2°45	20°38	22°28	0°21	7°21	24°42	15°37	14° 3	11°50	13° 4	17°49	8°56	M26
T 27	6 59 19	15°10'04	1♉39	3°19	21°51	22°58	0°22	7°25	24°40	15°38	14° 5	11°48	13° 1	17°56	8°55	T 27
W28	7 3 16	16°11'12	14° 5	3°44	23° 4	23°28	0°24	7°29	24°38	15°38	14° 6	11°44	12°57	18° 2	8°54	W28
T 29	7 7 12	17°12'20	26°53	3°58	24°17	23°58	0°26	7°33	24°37	15°38	14° 8	11°38	12°54	18° 9	8°53	T 29
F 30	7 11 9	18°13'27	10♊ 5	4°R 2	25°30	24°28	0°27	7°37	24°35	15°39	14°10	11°30	12°51	18°16	8°53	F 30
S 31	7 15 5	19♋14'33	23♊43	3♒53	26♒43	24♎58	0♎28	7♏41	24♌33	15♈39	14♒11	11♓21	12♓48	18♓22	8♉52	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	23s 1	21n54	4n32	25s33	2s 4	23s47	1s48	2s 5	1n41	1n42	1n15	11s 8	2n18	13n51	0n45	4n35	1s44	25s14	8s48	6s10	6s10	5s51	12n46	2s 4
F 2	23 6	25 27	4 54	25 36	2 6	23 37	1 49	2 18	1 41	1 40	1 15	11 10	2 18	13 52	0 45	4 35	1 44	25 14	8 48	6 14	6 11	5 48	12 45	2 4
S 3	23 10	27 42	5 0	25 38	2 8	23 26	1 49	2 31	1 41	1 38	1 15	11 12	2 18	13 52	0 45	4 35	1 44	25 13	8 48	6 19	6 12	5 44	12 45	2 4
S 4	23 14	28 19	4 49	25 38	2 10	23 14	1 50	2 43	1 42	1 36	1 16	11 14	2 18	13 52	0 45	4 35	1 44	25 13	8 48	6 24	6 13	5 41	12 44	2 4
M 5	23 18	27 10	4 21	25 36	2 11	23 1	1 51	2 56	1 42	1 34	1 16	11 15	2 18	13 52	0 45	4 34	1 44	25 12	8 48	6 29	6 15	5 37	12 43	2 4
T 6	23 21	24 16	3 37	25 33	2 12	22 48	1 51	3 9	1 42	1 32	1 16	11 17	2 18	13 53	0 45	4 34	1 44	25 12	8 48	6 32	6 16	5 34	12 43	2 4
W 7	23 24	19 52	2 39	25 29	2 12	22 34	1 52	3 21	1 42	1 30	1 16	11 19	2 19	13 53	0 45	4 34	1 44	25 11	8 48	6 35	6 17	5 31	12 42	2 4
T 8	23 26	14 20	1 31	25 23	2 12	22 19	1 52	3 34	1 43	1 28	1 17	11 20	2 19	13 53	0 45	4 34	1 44	25 11	8 47	6 36	6 18	5 27	12 42	2 4
F 9	23 28	8 4	0 17	25 15	2 12	22 4	1 52	3 46	1 43	1 26	1 17	11 22	2 19	13 54	0 45	4 34	1 44	25 10	8 47	6 36	6 19	5 24	12 41	2 4
S 10	23 29	1 26	0s58	25 6	2 11	21 48	1 52	3 58	1 43	1 24	1 17	11 24	2 19	13 54	0 45	4 34	1 44	25 10	8 47	6 36	6 21	5 20	12 40	2 4
S 11	23 30	5s14	2 8	24 55	2 9	21 31	1 52	4 11	1 43	1 23	1 17	11 25	2 19	13 55	0 45	4 34	1 44	25 9	8 47	6 36	6 22	5 17	12 40	2 4
M12	23 30	11 36	3 11	24 43	2 7	21 14	1 52	4 23	1 44	1 21	1 18	11 27	2 19	13 55	0 45	4 34	1 44	25 9	8 47	6 37	6 23	5 14	12 39	2 4
T 13	23 30	17 21	4 2	24 29	2 4	20 56	1 52	4 35	1 44	1 20	1 18	11 28	2 20	13 55	0 45	4 34	1 44	25 8	8 47	6 39	6 24	5 10	12 39	2 4
W14	23 29	22 11	4 38	24 13	2 1	20 38	1 52	4 47	1 44	1 18	1 18	11 30	2 20	13 56	0 45	4 34	1 43	25 8	8 47	6 41	6 26	5 7	12 38	2 4
T 15	23 28	25 45	4 58	23 56	1 56	20 19	1 52	4 59	1 44	1 17	1 19	11 31	2 20	13 56	0 45	4 34	1 43	25 7	8 47	6 45	6 27	5 3	12 38	2 4
F 16	23 27	27 50	5 1	23 38	1 51	20 0	1 51	5 11	1 45	1 16	1 19	11 33	2 20	13 57	0 45	4 34	1 43	25 7	8 47	6 50	6 28	5 0	12 37	2 4
S 17	23 24	28 18	4 48	23 18	1 46	19 40	1 51	5 23	1 45	1 14	1 19	11 34	2 20	13 57	0 45	4 34	1 43	25 6	8 46	6 54	6 29	4 57	12 37	2 4
S 18	23 22	27 11	4 20	22 57	1 39	19 19	1 50	5 35	1 45	1 13	1 19	11 36	2 20	13 58	0 45	4 34	1 43	25 6	8 46	6 59	6 30	4 53	12 36	2 4
M19	23 19	24 41	3 40	22 35	1 31	18 58	1 50	5 47	1 45	1 12	1 20	11 37	2 21	13 58	0 45	4 34	1 43	25 5	8 46	7 3	6 32	4 50	12 36	2 3
T 20	23 15	21 3	2 50	22 12	1 23	18 36	1 49	5 58	1 46	1 11	1 20	11 38	2 21	13 59	0 45	4 34	1 43	25 4	8 46	7 6	6 33	4 46	12 36	2 3
W21	23 11	16 35	1 53	21 48	1 13	18 14	1 48	6 10	1 46	1 10	1 20	11 40	2 21	13 59	0 45	4 34	1 43	25 4	8 46	7 8	6 34	4 43	12 35	2 3
T 22	23 7	11 32	0 51	21 24	1 3	17 51	1 47	6 21	1 46	1 9	1 20	11 41	2 21	14 0	0 45	4 34	1 43	25 3	8 46	7 9	6 35	4 40	12 35	2 3
F 23	23 2	6 8	0n12	20 59	0 51	17 28	1 46	6 33	1 46	1 9	1 21	11 42	2 21	14 0	0 46	4 35	1 43	25 3	8 46	7 9	6 37	4 36	12 35	2 3
S 24	22 57	0 33	1 14	20 35	0 39	17 5	1 45	6 44	1 47	1 8	1 21	11 43	2 22	14 1	0 46	4 35	1 43	25 2	8 46	7 9	6 38	4 33	12 34	2 3
S 25	22 51	5n 4	2 14	20 10	0 25	16 41	1 44	6 55	1 47	1 7	1 21	11 45	2 22	14 2	0 46	4 35	1 43	25 2	8 46	7 9	6 39	4 29	12 34	2 3
M26	22 45	10 33	3 8	19 46	0 11	16 16	1 43	7 6	1 47	1 7	1 22	11 46	2 22	14 2	0 46	4 35	1 43	25 1	8 46	7 9	6 40	4 26	12 34	2 3
T 27	22 38	15 45	3 55	19 23	0n 5	15 51	1 41	7 17	1 47	1 6	1 22	11 47	2 22	14 3	0 46	4 35	1 43	25 1	8 46	7 9	6 41	4 23	12 34	2 3
W28	22 31	20 26	4 32	19 1	0 22	15 26	1 40	7 28	1 48	1 6	1 22	11 48	2 22	14 4	0 46	4 35	1 43	25 0	8 46	7 11	6 43	4 19	12 33	2 3
T 29	22 23	24 19	4 56	18 40	0 39	15 0	1 38	7 39	1 48	1 5	1 22	11 49	2 23	14 4	0 46	4 36	1 43	25 0	8 46	7 13	6 44	4 16	12 33	2 3
F 30	22 15	27 4	5 6	18 22	0 57	14 34	1 37	7 50	1 48	1 5	1 23	11 50	2 23	14 5	0 46	4 36	1 43	24 59	8 46	7 16	6 45	4 12	12 33	2 3
S 31	22s 7	28n20	4n59	18s 6	1n16	14s 8	1s35	8s 1	1n48	1n 5	1n23	11s51	2n23	14n 6	0n46	4n36	1s43	24s59	8s46	7s19	6s46	4s 9	12n33	2s 3

Julian Day Number = 2284242.5, Delta T = 197.64 sec
Ecliptic obliquity = 23°30'04, Nutation = 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°20'54, Lahiri = 17°27'54 Julian Calendar 1 Dec. 1541 == Greg. Calendar 11 Dec. 1541