



Astrodienst Ephemeris Tables for the year 1554

tropical geocentric zodiac

contains Sun, Moon, Mercury, Venus, Mars, Jupiter, Saturn, Uranus, Neptune, Pluto, True Node, Moon's Node, Lilith, Chiron

Programming
Dieter Koch and Alois Treindl
based on Swiss Ephemeris
Code D5EPX

ASTRODIENST EPHEMERIS for the year 1554

geocentric

JANUARY 1554 JC

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	7 19 23	20 ³⁰ 35	9 ⁵ 9	4 ⁵⁵ 56	16 ⁵⁷ 48	29 ⁵³ 53	4 ⁴³ 43	12 ¹⁷ 17	22 ¹⁰ 10	12 ³⁸ 38	0 ³⁰ 30	20 ³⁸ 38	20 ³⁸ 38	26 ⁴⁶ 46	5 ⁴⁴ 44	M 1
T 2	7 23 19	21 ²¹ 43	23 ⁵²	6 ³²	18 ²	0 ⁴⁰ 40	4 ⁴⁵	12 ²²	22 ¹¹	12 ³⁷	0 ³¹	20 ³⁸ 38	20 ³⁵	26 ⁵³	5 ⁴² 42	T 2
W 3	7 27 16	22 ²² 50	8 ⁵³ 53	8 ⁶	19 ¹⁵	1 ²⁸	4 ⁴⁶	12 ²⁸	22 ¹²	12 ³⁷	0 ³³	20 ³⁸	20 ³²	26 ⁵⁹	5 ³⁹	W 3
T 4	7 31 12	23 ²³ 57	24 ⁶	9 ³⁹	20 ²⁹	2 ¹⁵	4 ⁴⁷	12 ³³	22 ¹²	12 ³⁷	0 ³⁴	20 ³⁸ 38	20 ²⁹	27 ⁶	5 ³⁷	T 4
F 5	7 35 9	24 ²⁵ 03	9 ¹⁹ 19	11 ¹⁰	21 ⁴³	3 ²	4 ⁴⁸	12 ³⁹	22 ¹³	12 ³⁶	0 ³⁵	20 ³⁸	20 ²⁶	27 ¹³	5 ³⁴	F 5
S 6	7 39 6	25 ²⁶ 08	24 ²⁴	12 ³⁸	22 ⁵⁷	3 ⁵⁰	4 ⁴⁹	12 ⁴⁵	22 ¹⁴	12 ³⁶	0 ³⁷	20 ³⁸	20 ²³	27 ¹⁹	5 ³¹	S 6
S 7	7 43 2	26 ²⁷ 12	9 ¹² 12	14 ³	24 ¹¹	4 ³⁷	4 ⁵⁰	12 ⁵¹	22 ¹⁴	12 ³⁶	0 ³⁸	20 ³⁷	20 ¹⁹	27 ²⁶	5 ²⁸	S 7
M 8	7 46 59	27 ²⁸ 15	23 ³⁶	15 ²⁴	25 ²⁵	5 ²⁴	4 ⁵⁰	12 ⁵⁷	22 ¹⁵	12 ³⁶	0 ⁴⁰	20 ³⁶	20 ¹⁶	27 ³³	5 ²⁵	M 8
T 9	7 50 55	28 ²⁹ 17	7 ³⁴ 34	16 ⁴¹	26 ³⁹	6 ¹²	4 ⁵⁰	13 ³	22 ¹⁵	12 ³⁵	0 ⁴¹	20 ³⁶	20 ¹³	27 ³⁹	5 ²²	T 9
W10	7 54 52	29 ³⁰ 18	21 ⁴	17 ⁵³	27 ⁵³	6 ⁵⁹	4 ⁵⁰	13 ⁹	22 ¹⁶	12 ³⁵	0 ⁴²	20 ³⁵	20 ¹⁰	27 ⁴⁶	5 ¹⁹	W10
T 11	7 58 48	0 ³¹ 17	4 ⁸ 10	18 ⁵⁹	29 ⁷	7 ⁴⁶	4 ⁵⁰	13 ¹⁵	22 ¹⁶	12 ³⁵	0 ⁴⁴	20 ³⁵	20 ⁷	27 ⁵³	5 ¹⁶	T 11
F 12	8 2 45	1 ³² 16	16 ⁵³	19 ⁵⁸	0 ²¹ 21	8 ³⁴	4 ⁵⁰	13 ²¹	22 ¹⁶	12 ³⁵	0 ⁴⁵	20 ³⁶	20 ⁴	27 ⁵⁹	5 ¹²	F 12
S 13	8 6 41	2 ³³ 13	29 ¹⁷	20 ⁵⁰	1 ³⁵	9 ²¹	4 ⁴⁹	13 ²⁷	22 ¹⁷	12 ³⁵	0 ⁴⁷	20 ³⁶	20 ⁰	28 ⁶	5 ⁹	S 13
S 14	8 10 38	3 ³⁴ 09	11 ¹² 27	21 ³³	2 ⁴⁹	10 ⁹	4 ⁴⁹	13 ³³	22 ¹⁷	12 ³⁵	0 ⁴⁸	20 ³⁸	19 ⁵⁷	28 ¹²	5 ⁵	S 14
M15	8 14 35	4 ³⁵ 04	23 ²⁶	22 ⁷	4 ³	10 ⁵⁶	4 ⁴⁸	13 ⁴⁰	22 ¹⁷	12 ³⁵	0 ⁵⁰	20 ³⁹	19 ⁵⁴	28 ¹⁹	5 ²	M15
T 16	8 18 31	5 ³⁵ 58	5 ¹⁸ 18	22 ³²	5 ¹⁷	11 ⁴³	4 ⁴⁷	13 ⁴⁶	22 ¹⁷	12 ³⁵	0 ⁵¹	20 ⁴⁰	19 ⁵¹	28 ²⁶	4 ⁵⁸	T 16
W17	8 22 28	6 ³⁶ 50	17 ⁷	22 ⁴⁶	6 ³¹	12 ³¹	4 ⁴⁵	13 ⁵²	22 ¹⁷	12 ³⁵	0 ⁵³	20 ⁴¹	19 ⁴⁸	28 ³²	4 ⁵⁴	W17
T 18	8 26 24	7 ³⁷ 41	28 ⁵⁴	22 ⁴⁹	7 ⁴⁵	13 ¹⁸	4 ⁴⁴	13 ⁵⁹	22 ¹⁷	12 ³⁶	0 ⁵⁴	20 ⁴¹	19 ⁴⁴	28 ³⁹	4 ⁵¹	T 18
F 19	8 30 21	8 ³⁸ 31	10 ⁴³	22 ⁴¹	8 ⁵⁹	14 ⁶	4 ⁴²	14 ⁵	22 ¹⁷	12 ³⁶	0 ⁵⁶	20 ³⁹	19 ⁴¹	28 ⁴⁶	4 ⁴⁷	F 19
S 20	8 34 17	9 ³⁹ 20	22 ³⁵	22 ²²	10 ¹⁴	14 ⁵³	4 ⁴⁰	14 ¹²	22 ¹⁷	12 ³⁶	0 ⁵⁸	20 ³⁷	19 ³⁸	28 ⁵²	4 ⁴³	S 20
S 21	8 38 14	10 ⁴⁰ 08	4 ¹⁰ 32	21 ⁵³	11 ²⁸	15 ⁴¹	4 ³⁸	14 ¹⁸	22 ¹⁶	12 ³⁶	0 ⁵⁹	20 ³⁴	19 ³⁵	28 ⁵⁹	4 ³⁹	S 21
M22	8 42 10	11 ⁴⁰ 54	16 ³⁶	21 ¹³	12 ⁴²	16 ²⁸	4 ³⁶	14 ²⁵	22 ¹⁶	12 ³⁷	1 ⁰ 1	20 ³¹	19 ³²	29 ⁶	4 ³⁵	M22
T 23	8 46 7	12 ⁴¹ 39	28 ⁵⁰	20 ²⁴	13 ⁵⁶	17 ¹⁵	4 ³⁴	14 ³²	22 ¹⁶	12 ³⁷	1 ⁰ 2	20 ²⁷	19 ²⁹	29 ¹²	4 ³⁰	T 23
W24	8 50 4	13 ⁴² 24	11 ¹⁶ 16	19 ²⁷	15 ¹⁰	18 ³	4 ³¹	14 ³⁸	22 ¹⁶	12 ³⁷	1 ⁰ 4	20 ²⁴	19 ²⁵	29 ¹⁹	4 ²⁶	W24
T 25	8 54 0	14 ⁴³ 07	23 ⁵⁶	18 ²⁵	16 ²⁴	18 ⁵⁰	4 ²⁸	14 ⁴⁵	22 ¹⁵	12 ³⁸	1 ⁰ 5	20 ²¹	19 ²²	29 ²⁶	4 ²²	T 25
F 26	8 57 57	15 ⁴³ 49	6 ¹⁵ 53	17 ¹⁷	17 ³⁹	19 ³⁸	4 ²⁵	14 ⁵²	22 ¹⁵	12 ³⁸	1 ⁰ 7	20 ²⁰	19 ¹⁹	29 ³²	4 ¹⁸	F 26
S 27	9 1 53	16 ⁴⁴ 30	20 ⁹	16 ⁸	18 ⁵³	20 ²⁵	4 ²²	14 ⁵⁹	22 ¹⁴	12 ³⁸	1 ⁰ 9	20 ¹⁹	19 ¹⁶	29 ³⁹	4 ¹³	S 27
S 28	9 5 50	17 ⁴⁵ 09	3 ¹⁷ 49	14 ⁵⁷	20 ⁷	21 ¹³	4 ¹⁹	15 ⁶	22 ¹⁴	12 ³⁹	1 ¹⁰	20 ²⁰	19 ¹³	29 ⁴⁶	4 ⁹	S 28
M29	9 9 46	18 ⁴⁵ 48	17 ⁵¹	13 ⁴⁸	21 ²¹	22 ⁰	4 ¹⁵	15 ¹³	22 ¹³	12 ⁴⁰	1 ¹²	20 ²²	19 ⁹	29 ⁵²	4 ⁴	M29
T 30	9 13 43	19 ⁴⁶ 26	2 ³¹ 17	12 ⁴²	22 ³⁶	22 ⁴⁸	4 ¹²	15 ²⁰	22 ¹²	12 ⁴⁰	1 ¹³	20 ²³	19 ⁶	29 ⁵⁹	4 ⁰	T 30
W31	9 17 39	20 ⁴⁷ 02	17 ³ 3	11 ⁴¹ 41	23 ⁵⁰	23 ³⁵	4 ¹¹ 8	15 ²⁷ 27	22 ¹¹ 11	12 ⁴¹	1 ¹⁵ 15	20 ²⁴	19 ³ 3	0 ¹¹ 5	3 ¹⁰ 55	W31

Day	☉	☾		♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
M 1	21s57	18s24	3n31	20s43	1s42	21s31	1n20	21s17	1s 5	0s36	1n23	8s48	1s59	8s 5	0n37	13n56	1s49	23s 0	12s32	21n54	21n54	21n24	3n40	6s12					
T 2	21 48	20 58	2 24	20 14	1 35	21 40	1 17	21 7	1 5	0 37	1 24	8 46	1 59	8 5	0 37	13 56	1 49	22 59	12 32	21 54	21 55	21 23	3 41	6 12					
W 3	21 38	22 7	1 5	19 43	1 29	21 49	1 15	20 56	1 5	0 37	1 24	8 44	1 59	8 6	0 37	13 56	1 49	22 58	12 32	21 54	21 55	21 23	3 41	6 12					
T 4	21 28	21 40	0s19	19 10	1 21	21 58	1 12	20 46	1 5	0 37	1 24	8 42	1 59	8 6	0 37	13 56	1 49	22 58	12 31	21 54	21 56	21 22	3 42	6 13					
F 5	21 17	19 36	1 42	18 37	1 12	22 5	1 9	20 35	1 5	0 37	1 25	8 39	1 59	8 6	0 37	13 56	1 49	22 57	12 31	21 54	21 56	21 22	3 42	6 13					
S 6	21 6	16 12	2 57	18 4	1 3	22 12	1 6	20 24	1 5	0 37	1 25	8 37	1 59	8 6	0 37	13 56	1 49	22 56	12 31	21 54	21 57	21 21	3 43	6 13					
S 7	20 55	11 49	3 59	17 29	0 52	22 18	1 4	20 13	1 5	0 37	1 25	8 35	1 59	8 6	0 37	13 56	1 49	22 56	12 31	21 55	21 57	21 21	3 44	6 13					
M 8	20 43	6 53	4 43	16 55	0 41	22 24	1 1	20 1	1 5	0 37	1 25	8 32	1 59	8 7	0 37	13 56	1 49	22 55	12 31	21 55	21 58	21 21	3 45	6 14					
T 9	20 31	1 44	5 10	16 20	0 29	22 29	0 58	19 49	1 5	0 37	1 26	8 30	1 59	8 7	0 37	13 56	1 49	22 54	12 31	21 55	21 58	21 20	3 46	6 14					
W10	20 18	3n20	5 18	15 46	0 16	22 34	0 55	19 37	1 5	0 37	1 26	8 28	1 58	8 7	0 37	13 56	1 49	22 54	12 31	21 55	21 59	21 20	3 47	6 14					
T 11	20 5	8 5	5 9	15 12	0 2	22 37	0 52	19 25	1 5	0 37	1 26	8 25	1 58	8 7	0 37	13 56	1 49	22 53	12 30	21 55	21 59	21 19	3 47	6 15					
F 12	19 52	12 21	4 45	14 39	0n13	22 40	0 50	19 13	1 5	0 36	1 26	8 23	1 58	8 7	0 37	13 56	1 48	22 53	12 30	21 55	22 0	21 19	3 48	6 15					
S 13	19 38	16 0	4 8	14 8	0 28	22 43	0 47	19 0	1 5	0 36	1 27	8 20	1 58	8 7	0 37	13 56	1 48	22 52	12 30	21 55	22 0	21 18	3 49	6 15					
S 14	19 24	18 53	3 21	13 39	0 44	22 44	0 44	18 48	1 5	0 35	1 27	8 18	1 58	8 7	0 37	13 56	1 48	22 51	12 30	21 55	22 1	21 18	3 51	6 15					
M15	19 10	20 55	2 26	13 12	1 1	22 45	0 41	18 35	1 5	0 35	1 27	8 15	1 58	8 7	0 37	13 56	1 48	22 51	12 30	21 54	22 1	21 17	3 52	6 16					
T 16	18 55	21 9	1 24	12 48	1 18	22 46	0 38	18 21	1 5	0 34	1 28	8 13	1 58	8 7	0 37	13 56	1 48	22 50	12 30	21 54	22 1	21 17	3 53	6 16					
W17	18 40	22 4	0 20	12 27	1 36	22 45	0 35	18 8	1 5	0 33	1 28	8 10	1 58	8 7	0 37	13 56	1 48	22 49	12 30	21 54	22 2	21 16	3 54	6 16					
T 18	18 24	21 10	0n45	12 10	1 53	22 44	0 32	17 54	1 5	0 32	1 28	8 8	1 58	8 7	0 37	13 56	1 48	22 49	12 30	21 54	22 2	21 16	3 55	6 16					
F 19	18 9	19 20	1 49	11 56	2 10	22 42	0 29	17 41	1 5	0 31	1 28	8 5	1 58	8 7	0 37	13 56	1 48	22 48	12 30	21 54	22 3	21 15	3 56	6 16					
S 20	17 53	16 39	2 47	11 46	2 27	22 40	0 26	17 27	1 5	0 30	1 29	8 2	1 58	8 7	0 37	13 56	1 48	22 47	12 30	21 55	22 3	21 15	3 58	6 16					
S 21	17 36	13 16	3 39	11 41	2 42	22 37	0 23	17 13	1 5	0 29	1 29	8 0	1 58	8 7	0 37	13 57	1 48	22 47	12 30	21 55	22 4	21 14	3 59	6 17					
M22	17 19	9 19	4 22	11 40	2 57	22 33	0 20	16 58	1 5	0 28	1 29	7 57	1 58	8 7	0 37	13 57	1 48	22 46	12 29	21 56	22 4	21 14	4 0	6 17					
T 23	17 2	4 56	4 53	11 43	3 10	22 29	0 17	16 44	1 5	0 27	1 29	7 55	1 57	8 7	0 37	13 57	1 48	22 45	12 29	21 56	22 5	21 13	4 2	6 17					
W24	16 45	0 18	5 11	11 50	3 21	22 23	0 14	16 29	1 5	0 26	1 30	7 52	1 57	8 7	0 37	13 57	1 48	22 45	12 29	21 57	22 5	21 13	4 3	6 17					
T 25	16 27	4s26	5 14	12 1	3 30	22 18	0 12	16 14	1 5	0 24	1 30	7 49	1 57	8 6	0 37	13 57	1 48	22 44	12 29	21 57	22 6	21 12	4 5	6 17					
F 26	16 10	9 5	5 2	12 15	3 37	22 11	0 9	15 59	1 5	0 23	1 30	7 47	1 57	8 6	0 37	13 57	1 48	22 44	12 29	21 57	22 6	21 11	4 6	6 17					
S 27	15 51	13 26	4 33	12 31	3 41	22 4	0 6	15 44	1 4	0 21	1 30	7 44	1 57	8 6	0 37	13 58	1 48	22 43	12 29	21 57	22 7	21 11	4 8	6 17					
S 28	15 33	17 13	3 49	12 49	3 44	21 56	0 3	15 29	1 4	0 20	1 31	7 41	1 57	8 6	0 37	13 58	1 47	22 42	12 29	21 57	22 7	21 10	4 9	6 17					
M29	15 14	20 8	2 49	13 9	3 43	21 48	0 0	15 13	1 4	0 18	1 31	7 38	1 57	8 5	0 37	13 58	1 47	22 42	12 29	21 57	22 7	21 10	4 11	6 17					
T 30	14 55	21 51	1 38	13 30	3 41	21 39	0s 3	14 58	1 4	0 17	1 31	7 36	1 57	8 5	0 37	13 58	1 47	22 41	12 29	21 57	22 8	21 9	4 12	6 17					
W31	14s36	22s 6	0n18	13s52	3n36	21s29	0s 6	14s42	1s 4	0s15	1n31	7s33	1s57	8s 5	0n38	13n59	1s47	22s40	12s29	21n57	22n 8	21n 9	4n14	6s17					

ASTRODIENST EPHEMERIS for the year 1554

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FEBRUARY 1554 JC

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Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	9 21 36	21°47'37"	2°4	10°R45	25°34	24°22	4°R 4	15°34	22°R11	12°41	1°17	20°R24	19°0	0°12	3°R51	T 1
F 2	9 25 33	22°48'11"	17°13	9°55	26°18	25°10	4°0	15°41	22°10	12°42	1°18	20°22	18°57	0°19	3°46	F 2
S 3	9 29 29	23°48'43"	2°20	9°12	27°33	25°57	3°55	15°48	22°9	12°43	1°20	20°18	18°54	0°25	3°41	S 3
S 4	9 33 26	24°49'13"	17°16	8°37	28°47	26°45	3°51	15°55	22°8	12°43	1°22	20°13	18°50	0°32	3°37	S 4
M 5	9 37 22	25°49'41"	1°51	8°9	0°1	27°32	3°46	16°2	22°7	12°44	1°23	20°7	18°47	0°39	3°32	M 5
T 6	9 41 19	26°50'08"	16°1	7°49	1°15	28°20	3°41	16°9	22°6	12°45	1°25	20°2	18°44	0°45	3°27	T 6
W 7	9 45 15	27°50'32"	29°42	7°36	2°30	29°7	3°36	16°16	22°5	12°46	1°27	19°57	18°41	0°52	3°23	W 7
T 8	9 49 12	28°50'55"	12°55	7°D31	3°44	29°54	3°31	16°23	22°4	12°47	1°28	19°54	18°38	0°59	3°18	T 8
F 9	9 53 8	29°51'16"	25°41	7°32	4°58	0°42	3°26	16°31	22°2	12°48	1°30	19°D53	18°35	1°5	3°13	F 9
S 10	9 57 5	0°51'35"	8°II	6	7°39	6°13	1°29	3°20	16°38	22°1	1°32	19°53	18°31	1°12	3°8	S 10
S 11	10 1 2	1°51'52"	20°14	7°53	7°27	2°16	3°15	16°45	22°0	12°49	1°33	19°55	18°28	1°19	3°4	S 11
M12	10 4 58	2°52'06"	2°10	8°13	8°41	3°4	3°9	16°52	21°59	12°50	1°35	19°56	18°25	1°25	2°59	M12
T 13	10 8 55	3°52'19"	13°59	8°37	9°55	3°51	3°3	17°0	21°57	12°52	1°36	19°R57	18°22	1°32	2°54	T 13
W14	10 12 51	4°52'30"	25°45	9°7	11°10	4°38	2°57	17°7	21°56	12°53	1°38	19°57	18°19	1°39	2°49	W14
T 15	10 16 48	5°52'39"	7°32	9°42	12°24	5°26	2°51	17°14	21°54	12°54	1°40	19°55	18°15	1°45	2°44	T 15
F 16	10 20 44	6°52'46"	19°24	10°20	13°38	6°13	2°45	17°22	21°53	12°55	1°41	19°51	18°12	1°52	2°40	F 16
S 17	10 24 41	7°52'50"	1°24	11°3	14°52	7°0	2°38	17°29	21°51	12°56	1°43	19°45	18°9	1°59	2°35	S 17
S 18	10 28 37	8°52'53"	13°31	11°50	16°7	7°47	2°32	17°36	21°50	12°57	1°45	19°37	18°6	2°5	2°30	S 18
M19	10 32 34	9°52'54"	25°49	12°39	17°21	8°34	2°25	17°44	21°48	12°58	1°46	19°28	18°3	2°12	2°25	M19
T 20	10 36 31	10°52'53"	8°18	13°33	18°35	9°22	2°19	17°51	21°46	13°0	1°48	19°18	18°0	2°18	2°21	T 20
W21	10 40 27	11°52'50"	20°58	14°29	19°49	10°9	2°12	17°59	21°44	13°1	1°50	19°9	17°56	2°25	2°16	W21
T 22	10 44 24	12°52'46"	3°50	15°28	21°4	10°56	2°5	18°6	21°43	13°2	1°51	19°1	17°53	2°32	2°11	T 22
F 23	10 48 20	13°52'40"	16°55	16°30	22°18	11°43	1°58	18°13	21°41	13°3	1°53	18°55	17°50	2°38	2°6	F 23
S 24	10 52 17	14°52'32"	0°14	17°34	23°32	12°30	1°51	18°21	21°39	13°5	1°54	18°52	17°47	2°45	2°2	S 24
S 25	10 56 13	15°52'23"	13°49	18°40	24°46	13°17	1°44	18°28	21°37	13°6	1°56	18°D51	17°44	2°52	1°57	S 25
M26	11 0 10	16°52'12"	27°41	19°49	26°1	14°4	1°36	18°36	21°35	13°8	1°58	18°51	17°41	2°58	1°53	M26
T 27	11 4 6	17°51'59"	11°50	21°0	27°15	14°51	1°29	18°43	21°33	13°9	1°59	18°R52	17°37	3°5	1°48	T 27
W28	11 8 3	18°51'45"	26°15	22°13	28°29	15°38	1°22	18°51	21°31	13°10	2°1	18°52	17°34	3°12	1°44	W28

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
T 1	14s17	20s47	1s 4	14s13	3n30	21s18	0s 8	14s26	1s 4	0s13	1n32	7s30	1s57	8s 5	0n38	13n59
F 2	13 57	17 58	2 22	14 34	3 22	21 7	0 11	14 10	1 4	0 11	1 32	7 27	1 57	8 4	0 38	13 59
S 3	13 37	13 55	3 29	14 54	3 12	20 56	0 14	13 54	1 4	0 9	1 32	7 25	1 57	8 4	0 38	13 59
S 4	13 17	9 4	4 22	15 13	3 2	20 43	0 17	13 37	1 3	0 7	1 32	7 22	1 57	8 3	0 38	14 0
M 5	12 56	3 47	4 56	15 31	2 51	20 30	0 19	13 21	1 3	0 5	1 33	7 19	1 57	8 3	0 38	14 0
T 6	12 36	1n32	5 11	15 48	2 38	20 17	0 22	13 4	1 3	0 3	1 33	7 16	1 57	8 3	0 38	14 0
W 7	12 15	6 36	5 7	16 4	2 26	20 3	0 24	12 47	1 3	0 1	1 33	7 13	1 57	8 2	0 38	14 1
T 8	11 54	11 11	4 47	16 18	2 13	19 48	0 27	12 31	1 3	0n 1	1 33	7 11	1 57	8 2	0 38	14 1
F 9	11 33	15 8	4 13	16 30	2 0	19 33	0 30	12 14	1 3	0 4	1 33	7 8	1 57	8 1	0 38	14 1
S 10	11 12	18 17	3 28	16 41	1 47	19 17	0 32	11 57	1 2	0 6	1 34	7 5	1 57	8 1	0 38	14 2
S 11	10 50	20 34	2 35	16 50	1 34	19 1	0 35	11 39	1 2	0 9	1 34	7 2	1 57	8 0	0 38	14 2
M12	10 29	21 53	1 35	16 57	1 21	18 44	0 37	11 22	1 2	0 11	1 34	6 59	1 57	8 0	0 38	14 2
T 13	10 7	22 13	0 32	17 3	1 8	18 26	0 39	11 5	1 2	0 13	1 34	6 56	1 57	7 59	0 38	14 3
W14	9 45	21 34	0n31	17 8	0 55	18 8	0 42	10 47	1 1	0 16	1 34	6 53	1 57	7 59	0 38	14 3
T 15	9 23	19 56	1 34	17 10	0 43	17 50	0 44	10 30	1 1	0 19	1 35	6 51	1 57	7 58	0 38	14 3
F 16	9 0	17 27	2 32	17 12	0 31	17 31	0 46	10 12	1 1	0 21	1 35	6 48	1 57	7 58	0 38	14 4
S 17	8 38	14 11	3 25	17 11	0 19	17 11	0 48	9 54	1 1	0 24	1 35	6 45	1 57	7 57	0 38	14 4
S 18	8 16	10 19	4 8	17 9	0 8	16 51	0 51	9 36	1 0	0 27	1 35	6 42	1 57	7 56	0 38	14 5
M19	7 53	5 58	4 41	17 6	0s 3	16 31	0 53	9 18	1 0	0 29	1 35	6 39	1 57	7 56	0 38	14 5
T 20	7 30	1 18	5 1	17 1	0 14	16 10	0 55	9 0	1 0	0 32	1 35	6 36	1 57	7 55	0 38	14 5
W21	7 7	3s28	5 6	16 54	0 24	15 48	0 57	8 42	1 0	0 35	1 35	6 33	1 57	7 54	0 38	14 6
T 22	6 44	8 11	4 56	16 46	0 34	15 26	0 59	8 24	0 59	0 38	1 36	6 30	1 57	7 54	0 38	14 6
F 23	6 21	12 36	4 31	16 37	0 43	15 4	1 1	8 6	0 59	0 41	1 36	6 28	1 57	7 53	0 38	14 7
S 24	5 58	16 30	3 50	16 26	0 52	14 41	1 3	7 47	0 59	0 44	1 36	6 25	1 57	7 52	0 38	14 7
S 25	5 35	19 36	2 56	16 13	1 1	14 18	1 4	7 29	0 59	0 47	1 36	6 22	1 57	7 52	0 38	14 8
M26	5 12	21 38	1 51	16 0	1 9	13 55	1 6	7 11	0 58	0 50	1 36	6 19	1 57	7 51	0 38	14 8
T 27	4 48	22 21	0 38	15 44	1 17	13 31	1 8	6 52	0 58	0 53	1 36	6 16	1 57	7 50	0 38	14 9
W28	4s25	21s36	0s39	15s28	1s24	13s 7	1s 9	6s34	0s58	0n56	1n36	6s13	1s57	7s49	0n38	14n 9

Julian Day Number = 2288687.5, Delta T = 171.06 sec

Ecliptic obliquity = 23°29'47", Nutation = - 0°00'15", out-of-bounds declination in red

Ayanamsha: Fagan/Bradley = 18°31'05", Lahiri = 17°38'05" Julian Calendar 1 Feb. 1554 == Greg. Calendar 11 Feb. 1554

ASTRODIENST EPHEMERIS for the year 1554

geocentric

MARCH 1554 JC

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	11 11 59	19°51'28	10°55'4	23°28	29°43	16°25	1°R14	18°58	21°R29	13°12	2°3	18°R50	17°31	3°18	1°R39	T 1
F 2	11 15 56	20°51'10	25°43	24°44	0°58	17°12	1°7	19°6	21°27	13°13	2°4	18°46	17°28	3°25	1°35	F 2
S 3	11 19 53	21°50'50	10°34	26°3	2°12	17°59	0°59	19°13	21°25	13°15	2°6	18°39	17°25	3°32	1°31	S 3
S 4	11 23 49	22°50'28	25°18	27°23	3°26	18°46	0°52	19°20	21°23	13°17	2°7	18°29	17°21	3°38	1°26	S 4
M 5	11 27 46	23°50'04	9°49	28°45	4°40	19°33	0°44	19°28	21°21	13°18	2°9	18°19	17°18	3°45	1°22	M 5
T 6	11 31 42	24°49'38	23°58	0°8	5°55	20°20	0°36	19°35	21°19	13°20	2°10	18°8	17°15	3°52	1°18	T 6
W 7	11 35 39	25°49'10	7°43	1°33	7°9	21°7	0°29	19°43	21°16	13°21	2°12	17°59	17°12	3°58	1°14	W 7
T 8	11 39 35	26°48'39	21°0	2°59	8°23	21°53	0°21	19°50	21°14	13°23	2°13	17°52	17°9	4°5	1°10	T 8
F 9	11 43 32	27°48'06	3°51	4°27	9°37	22°40	0°13	19°58	21°12	13°25	2°15	17°47	17°6	4°11	1°6	F 9
S 10	11 47 28	28°47'31	16°19	5°57	10°51	23°27	0°6	20°5	21°10	13°26	2°16	17°44	17°2	4°18	1°2	S 10
S 11	11 51 25	29°46'53	28°29	7°27	12°6	24°14	29°58	20°12	21°7	13°28	2°18	17°D43	16°59	4°25	0°58	S 11
M12	11 55 22	0°46'14	10°26	9°0	13°20	25°0	29°50	20°20	21°5	13°30	2°19	17°44	16°56	4°31	0°54	M12
T 13	11 59 18	1°45'32	22°15	10°33	14°34	25°47	29°42	20°27	21°3	13°32	2°21	17°R44	16°53	4°38	0°50	T 13
W14	12 3 15	2°44'47	4°2	12°9	15°48	26°33	29°35	20°34	21°0	13°33	2°22	17°43	16°50	4°45	0°47	W14
T 15	12 7 11	3°44'00	15°52	13°45	17°2	27°20	29°27	20°42	20°58	13°35	2°24	17°39	16°46	4°51	0°43	T 15
F 16	12 11 8	4°43'11	27°48	15°23	18°16	28°6	29°19	20°49	20°55	13°37	2°25	17°33	16°43	4°58	0°40	F 16
S 17	12 15 4	5°42'20	9°55	17°2	19°31	28°53	29°11	20°56	20°53	13°39	2°27	17°25	16°40	5°5	0°36	S 17
S 18	12 19 1	6°41'26	22°15	18°43	20°45	29°39	29°4	21°4	20°51	13°41	2°28	17°14	16°37	5°11	0°33	S 18
M19	12 22 57	7°40'31	4°24	20°25	21°59	0°26	28°56	21°11	20°48	13°43	2°30	17°1	16°34	5°18	0°30	M19
T 20	12 26 54	8°39'33	17°35	22°9	23°13	1°12	28°49	21°18	20°46	13°45	2°31	16°48	16°31	5°25	0°27	T 20
W21	12 30 51	9°38'33	0°35	23°54	24°27	1°58	28°41	21°25	20°43	13°46	2°32	16°35	16°27	5°31	0°24	W21
T 22	12 34 47	10°37'31	13°48	25°40	25°41	2°45	28°34	21°32	20°41	13°48	2°34	16°24	16°24	5°38	0°21	T 22
F 23	12 38 44	11°36'28	27°11	27°28	26°55	3°31	28°26	21°40	20°38	13°50	2°35	16°16	16°21	5°45	0°18	F 23
S 24	12 42 40	12°35'22	10°45	29°18	28°9	4°17	28°19	21°47	20°36	13°52	2°36	16°11	16°18	5°51	0°15	S 24
S 25	12 46 37	13°34'15	24°28	1°9	29°23	5°3	28°12	21°54	20°33	13°54	2°38	16°8	16°15	5°58	0°12	S 25
M26	12 50 33	14°33'07	8°20	3°1	0°37	5°49	28°4	22°1	20°31	13°56	2°39	16°7	16°12	6°5	0°10	M26
T 27	12 54 30	15°31'56	22°22	4°55	1°51	6°35	27°57	22°8	20°28	13°58	2°40	16°7	16°8	6°11	0°7	T 27
W28	12 58 26	16°30'44	6°33	6°51	3°6	7°21	27°50	22°15	20°25	14°0	2°42	16°6	16°5	6°18	0°5	W28
T 29	13 2 23	17°29'30	20°52	8°47	4°20	8°7	27°43	22°22	20°23	14°2	2°43	16°4	16°2	6°25	0°2	T 29
F 30	13 6 20	18°28'14	5°16	10°46	5°34	8°53	27°36	22°29	20°20	14°5	2°44	15°59	15°59	6°31	0°0	F 30
S 31	13 10 16	19°26'57	19°41	12°46	6°48	9°39	27°30	22°36	20°18	14°8	2°45	15°51	15°56	6°38	29°58	S 31

Day	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
T 1	4s 2	19s23	1s55	15s10	1s31	12s42	1s11	6s15	0s57	0n59	1n36	6s10	1s57	7s49	0n38	14n10
F 2	3 38	15 51	3 3	14 50	1 37	12 17	1 12	5 56	0 57	1 2	1 36	6 7	1 57	7 48	0 38	14 10
S 3	3 14	11 19	4 0	14 29	1 43	11 52	1 14	5 38	0 57	1 5	1 37	6 4	1 57	7 47	0 38	14 11
S 4	2 51	6 8	4 39	14 7	1 49	11 26	1 15	5 19	0 56	1 8	1 37	6 1	1 57	7 46	0 38	14 11
M 5	2 27	0 42	5 0	13 43	1 54	11 0	1 17	5 0	0 56	1 11	1 37	5 59	1 57	7 45	0 38	14 12
T 6	2 4	4n39	5 2	13 18	1 59	10 34	1 18	4 42	0 56	1 14	1 37	5 56	1 57	7 45	0 38	14 12
W 7	1 40	9 36	4 46	12 52	2 3	10 8	1 19	4 23	0 55	1 17	1 37	5 53	1 57	7 44	0 38	14 13
T 8	1 16	13 57	4 15	12 24	2 7	9 41	1 20	4 4	0 55	1 20	1 37	5 50	1 57	7 43	0 38	14 13
F 9	0 53	17 31	3 31	11 56	2 11	9 14	1 21	3 45	0 55	1 24	1 37	5 47	1 57	7 42	0 38	14 14
S 10	0 29	20 9	2 39	11 25	2 14	8 47	1 22	3 26	0 54	1 27	1 37	5 44	1 58	7 41	0 38	14 14
S 11	0 5	21 49	1 41	10 54	2 16	8 19	1 23	3 7	0 54	1 30	1 37	5 41	1 58	7 40	0 38	14 15
M12	0n18	22 26	0 39	10 21	2 18	7 52	1 24	2 48	0 53	1 33	1 37	5 39	1 58	7 39	0 38	14 15
T 13	0 42	22 3	0n24	9 47	2 20	7 24	1 25	2 29	0 53	1 36	1 37	5 36	1 58	7 38	0 38	14 16
W14	1 6	20 41	1 26	9 12	2 21	6 55	1 26	2 11	0 53	1 39	1 37	5 33	1 58	7 38	0 38	14 17
T 15	1 29	18 24	2 23	8 35	2 22	6 27	1 26	1 52	0 52	1 42	1 37	5 30	1 58	7 37	0 38	14 17
F 16	1 53	15 19	3 16	7 57	2 22	5 59	1 27	1 33	0 52	1 45	1 37	5 27	1 58	7 36	0 38	14 18
S 17	2 16	11 33	3 59	7 18	2 22	5 30	1 27	1 14	0 51	1 48	1 37	5 24	1 58	7 35	0 38	14 18
S 18	2 40	7 15	4 33	6 38	2 21	5 1	1 28	0 55	0 51	1 51	1 37	5 22	1 58	7 34	0 38	14 19
M19	3 3	2 35	4 54	5 57	2 20	4 32	1 28	0 36	0 51	1 54	1 37	5 19	1 58	7 33	0 38	14 20
T 20	3 26	2s17	5 0	5 14	2 18	4 3	1 29	0 17	0 50	1 57	1 37	5 16	1 58	7 32	0 38	14 20
W21	3 50	7 9	4 52	4 30	2 16	3 34	1 29	0n2	0 50	2 0	1 37	5 13	1 58	7 31	0 38	14 21
T 22	4 13	11 46	4 27	3 45	2 13	3 5	1 29	0 20	0 49	2 3	1 37	5 11	1 58	7 30	0 38	14 21
F 23	4 36	15 53	3 48	2 59	2 10	2 35	1 29	0 39	0 49	2 6	1 37	5 8	1 59	7 29	0 38	14 22
S 24	4 59	19 13	2 55	2 12	2 6	2 6	1 29	0 58	0 48	2 9	1 37	5 5	1 59	7 28	0 38	14 23
S 25	5 22	21 31	1 52	1 24	2 2	1 36	1 29	1 17	0 48	2 12	1 37	5 2	1 59	7 27	0 38	14 23
M26	5 45	22 33	0 41	0 35	1 57	1 7	1 29	1 36	0 47	2 15	1 36	5 0	1 59	7 26	0 38	14 24
T 27	6 8	22 11	0s33	0n15	1 52	0 37	1 29	1 54	0 46	2 17	1 36	4 57	1 59	7 25	0 38	14 24
W28	6 30	20 23	1 46	1 6	1 46	0 8	1 29	2 13	0 46	2 20	1 36	4 54	1 59	7 24	0 38	14 25
T 29	6 53	17 18	2 53	1 58	1 39	0n22	1 29	2 32	0 46	2 23	1 36	4 52	1 59	7 23	0 38	14 26
F 30	7 15	13 9	3 49	2 51	1 33	0 52	1 28	2 50	0 46	2 25	1 36	4 49	1 59	7 23	0 38	14 26
S 31	7n38	8s14	4s30	3n45	1s25	1n22	1s28	3n9	0s45	2n28	1n36	4s46	1s59	7s22	0n38	14n27

Julian Day Number = 2288715.5, Delta T = 170.89 sec

Ecliptic obliquity = 23°29'48", Nutation = - 0°00'16", out-of-bounds declination in red

Ayanamsha: Fagan/Bradley = 18°31'09", Lahiri = 17°38'09" Julian Calendar 1 March 1554 == Greg. Calendar 11 March 1554

ASTRODIENST EPHEMERIS for the year 1554

geocentric

APRIL 1554 JC

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	13 14 13	20°25'37	4° 2	14°47	8° 2	10°25	27°R23	22°43	20°R15	14° 9	2°46	15°R40	15°52	6°45	29°R56	S 1
M 2	13 18 9	21°24'16	18°13	16°49	9°16	11°11	27°16	22°50	20°13	14°11	2°48	15°28	15°49	6°51	29°54	M 2
T 3	13 22 6	22°22'53	2° 8	18°53	10°30	11°57	27°10	22°57	20°10	14°13	2°49	15°16	15°46	6°58	29°52	T 3
W 4	13 26 2	23°21'28	15°42	20°58	11°44	12°43	27° 3	23° 3	20° 7	14°15	2°50	15° 5	15°43	7° 4	29°51	W 4
T 5	13 29 59	24°20'00	28°54	23° 4	12°58	13°28	26°57	23°10	20° 5	14°17	2°51	14°56	15°40	7°11	29°49	T 5
F 6	13 33 55	25°18'31	11°43	25°11	14°12	14°14	26°51	23°17	20° 2	14°19	2°52	14°50	15°37	7°18	29°48	F 6
S 7	13 37 52	26°17'00	24°12	27°18	15°26	15° 0	26°45	23°23	20° 0	14°21	2°53	14°46	15°33	7°24	29°46	S 7
S 8	13 41 48	27°15'26	6°23	29°26	16°40	15°45	26°39	23°30	19°57	14°24	2°54	14°44	15°30	7°31	29°45	S 8
M 9	13 45 45	28°13'51	18°21	18°35	17°54	16°31	26°33	23°37	19°55	14°26	2°55	14°D44	15°27	7°38	29°44	M 9
T 10	13 49 42	29°12'13	0°12	3°43	19° 8	17°16	26°28	23°43	19°52	14°28	2°57	14°R44	15°24	7°44	29°43	T 10
W11	13 53 38	0°10'33	12° 0	5°52	20°22	18° 1	26°22	23°50	19°50	14°30	2°58	14°44	15°21	7°51	29°42	W11
T 12	13 57 35	1° 8'51	23°52	7°59	21°35	18°47	26°17	23°56	19°47	14°32	2°59	14°41	15°18	7°58	29°41	T 12
F 13	14 1 31	2° 7'07	5°52	10° 6	22°49	19°32	26°12	24° 3	19°45	14°35	3° 0	14°37	15°14	8° 4	29°41	F 13
S 14	14 5 28	3° 5'21	18° 5	12°12	24° 3	20°17	26° 7	24° 9	19°42	14°37	3° 0	14°30	15°11	8°11	29°40	S 14
S 15	14 9 24	4° 3'33	0°33	14°17	25°17	21° 3	26° 2	24°15	19°40	14°39	3° 1	14°20	15° 8	8°18	29°39	S 15
M16	14 13 21	5° 1'43	13°19	16°19	26°31	21°48	25°57	24°22	19°37	14°41	3° 2	14° 9	15° 5	8°24	29°39	M16
T 17	14 17 17	5°59'51	26°23	18°20	27°45	22°33	25°53	24°28	19°35	14°43	3° 3	13°58	15° 2	8°31	29°39	T 17
W18	14 21 14	6°57'58	9°44	20°19	28°59	23°18	25°48	24°34	19°32	14°46	3° 4	13°47	14°58	8°38	29°39	W18
T 19	14 25 11	7°56'02	23°20	22°15	0°13	24° 3	25°44	24°40	19°30	14°48	3° 5	13°37	14°55	8°44	29°D39	T 19
F 20	14 29 7	8°54'05	7° 8	24° 8	1°27	24°48	25°40	24°46	19°28	14°50	3° 6	13°30	14°52	8°51	29°39	F 20
S 21	14 33 4	9°52'07	21° 5	25°58	2°40	25°33	25°36	24°52	19°25	14°52	3° 7	13°26	14°49	8°58	29°39	S 21
S 22	14 37 0	10°50'07	5° 7	27°46	3°54	26°18	25°32	24°58	19°23	14°55	3° 7	13°24	14°46	9° 4	29°39	S 22
M23	14 40 57	11°48'06	19°13	29°30	5° 8	27° 2	25°29	25° 4	19°21	14°57	3° 8	13°D24	14°43	9°11	29°40	M23
T 24	14 44 53	12°46'04	3°21	1°10	6°22	27°47	25°25	25°10	19°18	14°59	3° 9	13°24	14°39	9°18	29°40	T 24
W25	14 48 50	13°44'00	17°30	2°48	7°36	28°32	25°22	25°16	19°16	15° 1	3°10	13°R25	14°36	9°24	29°41	W25
T 26	14 52 46	14°41'55	1°38	4°21	8°50	29°17	25°19	25°21	19°14	15° 4	3°10	13°23	14°33	9°31	29°42	T 26
F 27	14 56 43	15°39'49	15°43	5°52	10° 3	0° 1	25°16	25°27	19°12	15° 6	3°11	13°20	14°30	9°38	29°43	F 27
S 28	15 0 40	16°37'41	29°45	7°18	11°17	0°46	25°13	25°33	19° 9	15° 8	3°12	13°14	14°27	9°44	29°44	S 28
S 29	15 4 36	17°35'32	13°39	8°41	12°31	1°30	25°11	25°38	19° 7	15°10	3°12	13° 7	14°23	9°51	29°45	S 29
M30	15 8 33	18°33'22	27°23	10°11	13°45	2°15	25°11	25°38	19° 7	15°10	3°12	12°58	14°20	9°58	29°46	M30

Day	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
S 1	8n 0	2s54	4s54	4n39	1s18	1n51	1s27	3n27	0s45	2n31	1n36	4s44	2s 0	7s21	0n38	14n28
M 2	8 22	2n32	5 0	5 34	1 9	2 21	1 27	3 46	0 44	2 33	1 36	4 41	2 0	7 20	0 38	14 28
T 3	8 44	7 44	4 48	6 29	1 1	2 51	1 26	4 4	0 44	2 36	1 36	4 39	2 0	7 19	0 38	14 29
W 4	9 6	12 26	4 19	7 24	0 52	3 20	1 26	4 22	0 43	2 38	1 36	4 36	2 0	7 18	0 38	14 30
T 5	9 27	16 25	3 37	8 20	0 42	3 50	1 25	4 41	0 43	2 40	1 35	4 33	2 0	7 17	0 38	14 30
F 6	9 49	19 31	2 45	9 16	0 32	4 19	1 24	4 59	0 42	2 43	1 35	4 31	2 0	7 16	0 38	14 31
S 7	10 10	21 36	1 47	10 12	0 22	4 48	1 23	5 17	0 42	2 45	1 35	4 28	2 0	7 15	0 38	14 32
S 8	10 31	22 36	0 44	11 7	0 12	5 18	1 22	5 35	0 41	2 47	1 35	4 26	2 1	7 14	0 38	14 32
M 9	10 52	22 33	0n19	12 2	0 1	5 47	1 22	5 53	0 40	2 49	1 35	4 23	2 1	7 13	0 38	14 33
T 10	11 13	21 29	1 21	12 56	0n10	6 16	1 21	6 11	0 40	2 51	1 35	4 21	2 1	7 12	0 38	14 33
W11	11 34	19 28	2 20	13 50	0 20	6 45	1 19	6 29	0 39	2 53	1 34	4 18	2 1	7 11	0 38	14 34
T 12	11 54	16 37	3 12	14 42	0 31	7 14	1 18	6 46	0 39	2 55	1 34	4 16	2 1	7 10	0 38	14 35
F 13	12 14	13 3	3 57	15 33	0 42	7 42	1 17	7 4	0 38	2 57	1 34	4 14	2 1	7 9	0 38	14 35
S 14	12 34	8 53	4 31	16 22	0 52	8 11	1 16	7 22	0 38	2 59	1 34	4 11	2 1	7 8	0 38	14 36
S 15	12 54	4 16	4 54	17 9	1 3	8 39	1 15	7 39	0 37	3 1	1 34	4 9	2 2	7 7	0 38	14 37
M16	13 14	0s38	5 2	17 55	1 13	9 7	1 13	7 57	0 37	3 3	1 34	4 6	2 2	7 6	0 38	14 37
T 17	13 33	5 37	4 55	18 39	1 22	9 35	1 12	8 14	0 36	3 4	1 33	4 4	2 2	7 6	0 38	14 38
W18	13 52	10 27	4 32	19 20	1 31	10 2	1 11	8 31	0 36	3 6	1 33	4 2	2 2	7 5	0 38	14 39
T 19	14 11	14 53	3 54	19 59	1 40	10 30	1 9	8 48	0 35	3 7	1 33	4 0	2 2	7 4	0 38	14 39
F 20	14 30	18 35	3 1	20 35	1 48	10 57	1 7	9 5	0 34	3 9	1 33	3 57	2 2	7 3	0 38	14 40
S 21	14 48	21 16	1 56	21 10	1 55	11 24	1 6	9 22	0 34	3 10	1 33	3 55	2 3	7 2	0 38	14 41
S 22	15 7	22 40	0 44	21 41	2 2	11 51	1 4	9 39	0 33	3 11	1 32	3 53	2 3	7 1	0 38	14 41
M23	15 25	22 38	0s31	22 10	2 8	12 17	1 3	9 56	0 33	3 13	1 32	3 51	2 3	7 0	0 38	14 42
T 24	15 42	21 9	1 45	22 37	2 13	12 43	1 1	10 13	0 32	3 14	1 32	3 49	2 3	6 59	0 38	14 43
W25	16 0	18 21	2 52	23 1	2 18	13 9	0 59	10 29	0 32	3 15	1 32	3 46	2 3	6 59	0 38	14 43
T 26	16 17	14 28	3 48	23 23	2 21	13 34	0 57	10 46	0 31	3 16	1 31	3 44	2 4	6 58	0 38	14 44
F 27	16 34	9 48	4 31	23 42	2 24	13 59	0 55	11 2	0 30	3 17	1 31	3 42	2 4	6 57	0 38	14 45
S 28	16 51	4 38	4 57	23 59	2 26	14 24	0 54	11 18	0 30	3 18	1 31	3 40	2 4	6 56	0 38	14 45
S 29	17 7	0n42	5 5	24 13	2 27	14 49	0 52	11 34	0 29	3 19	1 31	3 38	2 4	6 55	0 38	14 46
M30	17n23	5n58	4s56	24n26	2n27	15n13	0s50	11n50	0s29	3n19	1n31	3s36	2s 4	6s55	0n38	14n47

Julian Day Number = 2288746.5, Delta T = 170.71 sec

Ecliptic obliquity = 23°29'48, Nutation = - 0°00'17, out-of-bounds declination in red

Ayanamsha: Fagan/Bradley = 18°31'13, Lahiri = 17°38'13 Julian Calendar 1 Apr. 1554 == Greg. Calendar 11 Apr. 1554

ASTRODIENST EPHEMERIS for the year 1554

geocentric

MAY 1554 JC

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	15 12 29	19°31'10	10°54	11°15	14°59	2°59	25°R 6	25°49	19°R 3	15°15	3°13	12°R49	14°17	10°14	29°147	T 1
W 2	15 16 26	20°28'57	24° 8	12°26	16°12	3°44	25°49	25°54	19°1	15°17	3°14	12°41	14°14	10°11	29°49	W 2
T 3	15 20 22	21°26'43	7°11	13°34	17°26	4°28	25° 2	26° 0	18°59	15°19	3°15	12°34	14°11	10°18	29°50	T 3
F 4	15 24 19	22°24'27	19°45	14°37	18°40	5°12	25° 1	26° 5	18°57	15°22	3°15	12°29	14° 8	10°24	29°52	F 4
S 5	15 28 15	23°22'10	2°57	15°36	19°54	5°56	24°59	26°10	18°55	15°24	3°16	12°27	14° 4	10°31	29°54	S 5
S 6	15 32 12	24°19'51	14°16	16°32	21° 8	6°40	24°58	26°15	18°53	15°26	3°16	12°D26	14° 1	10°38	29°56	S 6
M 7	15 36 9	25°17'31	26°13	17°23	22°21	7°24	24°57	26°20	18°51	15°28	3°17	12°27	13°58	10°44	29°58	M 7
T 8	15 40 5	26°15'10	8°14	18° 9	23°35	8° 9	24°56	26°25	18°49	15°31	3°17	12°28	13°55	10°51	29°59	T 8
W 9	15 44 2	27°12'46	19°53	18°52	24°49	8°52	24°55	26°30	18°47	15°33	3°17	12°29	13°52	10°57	0°11	W 9
T 10	15 47 58	28°10'22	1°46	19°29	26° 3	9°36	24°54	26°35	18°46	15°35	3°18	12°R30	13°49	11° 4	0° 5	T 10
F 11	15 51 55	29° 7'55	13°47	20° 3	27°16	10°20	24°54	26°40	18°44	15°37	3°18	12°28	13°45	11°11	0° 7	F 11
S 12	15 55 51	0°11'52	26° 2	20°32	28°30	11° 4	24°54	26°44	18°42	15°39	3°18	12°25	13°42	11°17	0°10	S 12
S 13	15 59 48	1° 2'58	8°14	20°56	29°44	11°48	24°D54	26°49	18°40	15°42	3°19	12°21	13°39	11°24	0°12	S 13
M14	16 3 44	2° 0'28	21°27	21°16	0°11'58	12°31	24°54	26°53	18°39	15°44	3°19	12°15	13°36	11°31	0°15	M14
T 15	16 7 41	2°57'56	4°14	21°30	2°11	13°15	24°54	26°58	18°37	15°46	3°19	12° 9	13°33	11°37	0°18	T 15
W16	16 11 38	3°55'24	18°17	21°41	3°25	13°59	24°55	27° 2	18°36	15°48	3°19	12° 2	13°29	11°44	0°21	W16
T 17	16 15 34	4°52'50	2°13	21°46	4°39	14°42	24°56	27° 6	18°34	15°50	3°20	11°57	13°26	11°51	0°24	T 17
F 18	16 19 31	5°50'15	16°24	21°R47	5°52	15°26	24°56	27°10	18°33	15°52	3°20	11°53	13°23	11°57	0°27	F 18
S 19	16 23 27	6°47'39	0°14	21°44	7° 6	16° 9	24°57	27°15	18°31	15°55	3°20	11°51	13°20	12° 4	0°30	S 19
S 20	16 27 24	7°45'03	15°14	21°36	8°20	16°52	24°59	27°19	18°30	15°57	3°20	11°D51	13°17	12°11	0°34	S 20
M21	16 31 20	8°42'25	29°43	21°24	9°34	17°36	25° 0	27°23	18°29	15°59	3°20	11°52	13°14	12°17	0°37	M21
T 22	16 35 17	9°39'47	14°11	21° 8	10°47	18°19	25° 2	27°26	18°27	16° 1	3°20	11°53	13°10	12°24	0°41	T 22
W23	16 39 13	10°37'09	28°26	20°48	12° 1	19° 2	25° 3	27°30	18°26	16° 3	3°20	11°54	13° 7	12°31	0°45	W23
T 24	16 43 10	11°34'30	12°13	20°25	13°15	19°45	25° 5	27°34	18°25	16° 5	3°20	11°R55	13° 4	12°37	0°48	T 24
F 25	16 47 7	12°31'50	26°32	19°59	14°28	20°28	25° 7	27°37	18°24	16° 7	3°R20	11°54	13° 1	12°44	0°52	F 25
S 26	16 51 3	13°29'10	10°18	19°30	15°42	21°11	25°10	27°41	18°22	16° 9	3°20	11°52	12°58	12°51	0°56	S 26
S 27	16 55 0	14°26'29	23°51	18°59	16°56	21°54	25°12	27°44	18°21	16°11	3°20	11°49	12°55	12°57	1° 0	S 27
M28	16 58 56	15°23'48	7°11	18°27	18°10	22°37	25°15	27°48	18°20	16°13	3°20	11°45	12°51	13° 4	1° 5	M28
T 29	17 2 53	16°21'07	20°17	17°54	19°23	23°20	25°18	27°51	18°19	16°15	3°20	11°41	12°48	13°11	1° 9	T 29
W30	17 6 49	17°18'25	3°11	17°20	20°37	24° 3	25°21	27°54	18°18	16°17	3°20	11°38	12°45	13°17	1°13	W30
T 31	17 10 46	18°11'54	15°14	16°16	21°11	24°46	25°10	27°57	18°18	16°19	3°20	11°35	12°42	13°18	1°18	T 31

Day	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
T 1	17n39	10n51	4s30	24n36	2n26	15n36	0s48	12n 6	0s28	3n20	1n30	3s34	2s 5	6s54	0n38	14n47
W 2	17 55	15 8	3 50	24 44	2 25	16 0	0 46	12 22	0 27	3 21	1 30	3 32	2 5	6 53	0 38	14 48
T 3	18 10	18 37	2 58	24 50	2 22	16 23	0 44	12 37	0 27	3 21	1 30	3 30	2 5	6 52	0 38	14 49
F 4	18 25	21 7	1 59	24 54	2 19	16 45	0 42	12 52	0 26	3 21	1 30	3 28	2 5	6 51	0 38	14 49
S 5	18 40	22 33	0 55	24 56	2 14	17 7	0 39	13 8	0 26	3 22	1 29	3 27	2 5	6 51	0 38	14 50
S 6	18 54	22 54	0n10	24 57	2 9	17 29	0 37	13 23	0 25	3 22	1 29	3 25	2 6	6 50	0 38	14 51
M 7	19 8	22 10	1 14	24 56	2 3	17 50	0 35	13 38	0 24	3 22	1 29	3 23	2 6	6 49	0 38	14 51
T 8	19 22	20 27	2 14	24 53	1 55	18 11	0 33	13 53	0 24	3 23	1 29	3 21	2 6	6 49	0 38	14 52
W 9	19 35	17 52	3 9	24 49	1 47	18 31	0 31	14 8	0 23	3 23	1 28	3 19	2 6	6 48	0 38	14 52
T 10	19 48	14 32	3 55	24 43	1 38	18 51	0 28	14 22	0 23	3 23	1 28	3 18	2 6	6 47	0 38	14 53
F 11	20 1	10 34	4 32	24 35	1 28	19 10	0 26	14 37	0 22	3 23	1 28	3 16	2 7	6 47	0 37	14 54
S 12	20 13	6 8	4 58	24 27	1 17	19 29	0 24	14 51	0 21	3 22	1 28	3 14	2 7	6 46	0 37	14 54
S 13	20 25	1 20	5 9	24 17	1 6	19 47	0 22	15 5	0 21	3 22	1 27	3 13	2 7	6 45	0 37	14 55
M14	20 37	3s39	5 6	24 5	0 53	20 5	0 19	15 19	0 20	3 22	1 27	3 11	2 7	6 45	0 37	14 56
T 15	20 48	8 37	4 47	23 53	0 40	20 22	0 17	15 33	0 19	3 22	1 27	3 10	2 8	6 44	0 37	14 56
W16	20 59	13 18	4 11	23 40	0 26	20 39	0 15	15 46	0 19	3 21	1 27	3 8	2 8	6 44	0 37	14 57
T 17	21 10	17 24	3 19	23 25	0 11	20 55	0 12	16 0	0 18	3 21	1 26	3 7	2 8	6 43	0 37	14 57
F 18	21 20	20 34	2 14	23 10	0s 5	21 10	0 10	16 13	0 17	3 20	1 26	3 5	2 8	6 43	0 37	14 58
S 19	21 30	22 30	1 0	22 54	0 21	21 25	0 8	16 26	0 17	3 19	1 26	3 4	2 8	6 42	0 37	14 59
S 20	21 39	22 56	0s19	22 37	0 37	21 40	0 5	16 39	0 16	3 19	1 26	3 2	2 9	6 42	0 37	14 59
M21	21 48	21 49	1 36	22 19	0 54	21 53	0 3	16 52	0 16	3 18	1 25	3 1	2 9	6 41	0 37	15 0
T 22	21 57	19 18	2 47	22 1	1 11	22 7	0 0	17 5	0 15	3 17	1 25	3 0	2 9	6 41	0 37	15 0
W23	22 6	15 36	3 48	21 42	1 28	22 19	0n 2	17 18	0 14	3 16	1 25	2 58	2 9	6 40	0 37	15 1
T 24	22 14	11 4	4 33	21 24	1 46	22 31	0 4	17 30	0 14	3 15	1 25	2 57	2 10	6 40	0 37	15 2
F 25	22 21	6 0	5 2	21 5	2 3	22 42	0 7	17 42	0 13	3 14	1 24	2 56	2 10	6 39	0 37	15 2
S 26	22 28	0 43	5 13	20 46	2 19	22 53	0 9	17 54	0 12	3 13	1 24	2 55	2 10	6 39	0 37	15 3
S 27	22 35	4n32	5 6	20 27	2 36	23 3	0 11	18 6	0 12	3 12	1 24	2 54	2 10	6 39	0 37	15 3
M28	22 42	9 29	4 43	20 9	2 51	23 12	0 14	18 18	0 11	3 10	1 24	2 53	2 11	6 38	0 37	15 4
T 29	22 48	13 55	4 5	19 51	3 6	23 20	0 16	18 29	0 10	3 9	1 23	2 52	2 11	6 38	0 37	15 4
W30	22 53	17 38	3 16	19 35	3 20	23 28	0 18	18 40	0 10	3 8	1 23	2 50	2 11	6 38	0 37	15 5
T 31	22n59	20n28	2s17	19n19	3s33	23n35	0n21	18n52	0s 9	3n 6	1n23	2s49	2s11	6s37	0n37	15n 5

Julian Day Number = 2288776.5, Delta T = 170.54 sec

Ecliptic obliquity = 23°29'48", Nutation = - 0°00'18", out-of-bounds declination in red

Ayanamsha: Fagan/Bradley = 18°31'17", Lahiri = 17°38'17" Julian Calendar 1 May 1554 == Greg. Calendar 11 May 1554

ASTRODIENST EPHEMERIS for the year 1554

geocentric

JUNE 1554 JC

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	17 14 42	19°11'30"	28°11'	16°R13	23°11' 4	25°8'28	25°17'27	28°8' 0	18°R17	16°8'21	3°R20	11°R33	12°39	13°13'31	1°17'22	F 1
S 2	17 18 39	20°10'16	10°23	15°11'41	24°18	26°11	25°30	28° 3	18°16	16°23	3°20	11°D32	12°35	13°37	1°27	S 2
S 3	17 22 36	21° 7'32	22°25	15°11	25°32	26°54	25°34	28° 6	18°15	16°25	3°19	11°33	12°32	13°44	1°32	S 3
M 4	17 26 32	22° 4'47	4°12'20	14°43	26°46	27°36	25°38	28° 9	18°15	16°27	3°19	11°34	12°29	13°51	1°36	M 4
T 5	17 30 29	23° 2'02	16° 9	14°19	27°59	28°18	25°42	28°11	18°14	16°29	3°19	11°35	12°26	13°57	1°41	T 5
W 6	17 34 25	23°59'16	27°58	13°57	29°13	29° 1	25°46	28°14	18°13	16°31	3°19	11°37	12°23	14° 4	1°46	W 6
T 7	17 38 22	24°56'29	9°17'51	13°39	0°27	29°43	25°50	28°16	18°13	16°33	3°18	11°38	12°20	14°11	1°51	T 7
F 8	17 42 18	25°53'41	21°52	13°24	1°40	0°11'25	25°55	28°19	18°12	16°35	3°18	11°R39	12°16	14°17	1°57	F 8
S 9	17 46 15	26°50'53	4°16	13°14	2°54	1° 8	25°59	28°21	18°12	16°36	3°18	11°39	12°13	14°24	2° 2	S 9
S 10	17 50 11	27°48'05	16°37	13° 9	4° 8	1°50	26° 4	28°23	18°12	16°38	3°17	11°38	12°10	14°31	2° 7	S 10
M 11	17 54 8	28°45'16	29°29	13°D 7	5°21	2°32	26° 9	28°25	18°11	16°40	3°17	11°37	12° 7	14°37	2°13	M 11
T 12	17 58 5	29°42'26	12°14'45	13°11	6°35	3°14	26°14	28°27	18°11	16°42	3°16	11°35	12° 4	14°44	2°18	T 12
W 13	18 2 1	0°39'36	26°26	13°19	7°49	3°56	26°19	28°29	18°11	16°44	3°16	11°34	12° 1	14°51	2°24	W 13
T 14	18 5 58	1°36'46	10°17'38	13°33	9° 3	4°38	26°24	28°31	18°11	16°45	3°16	11°33	11°57	14°57	2°29	T 14
F 15	18 9 54	2°33'56	24°58	13°51	10°16	5°20	26°30	28°32	18°10	16°47	3°15	11°32	11°54	15° 4	2°35	F 15
S 16	18 13 51	3°31'06	9°34	14°14	11°30	6° 2	26°36	28°34	18°10	16°49	3°15	11°D32	11°51	15°11	2°41	S 16
S 17	18 17 47	4°28'15	24°33	14°42	12°44	6°43	26°41	28°35	18°D10	16°50	3°14	11°32	11°48	15°17	2°47	S 17
M 18	18 21 44	5°25'25	9°26	15°15	13°57	7°25	26°47	28°37	18°10	16°52	3°14	11°32	11°45	15°24	2°53	M 18
T 19	18 25 41	6°22'35	24°14	15°52	15°11	8° 7	26°53	28°38	18°10	16°54	3°13	11°33	11°41	15°31	2°59	T 19
W 20	18 29 37	7°19'45	8°14	16°35	16°25	8°48	27° 0	28°39	18°11	16°55	3°12	11°33	11°38	15°37	3° 5	W 20
T 21	18 33 34	8°16'55	23° 8	17°22	17°38	9°30	27° 6	28°40	18°11	16°57	3°12	11°33	11°35	15°44	3°11	T 21
F 22	18 37 30	9°14'05	7°19	18°14	18°52	10°11	27°12	28°41	18°11	16°58	3°11	11°R33	11°32	15°51	3°17	F 22
S 23	18 41 27	10°11'17	20°49	19°10	20° 6	10°53	27°19	28°42	18°11	17° 0	3°10	11°33	11°29	15°57	3°24	S 23
S 24	18 45 23	11° 8'28	4°10	20°11	21°20	11°34	27°26	28°43	18°12	17° 1	3°10	11°D33	11°26	16° 4	3°30	S 24
M 25	18 49 20	12° 5'40	17°13	21°17	22°33	12°15	27°33	28°44	18°12	17° 3	3° 9	11°33	11°22	16°11	3°37	M 25
T 26	18 53 16	13° 2'53	29°59	22°27	23°47	12°57	27°40	28°44	18°13	17° 4	3° 8	11°33	11°19	16°17	3°43	T 26
W 27	18 57 13	14° 0'06	12°11'32	23°41	25° 1	13°38	27°47	28°45	18°13	17° 6	3° 8	11°34	11°16	16°24	3°50	W 27
T 28	19 1 10	14°57'20	24°52	25° 0	26°14	14°19	27°54	28°45	18°14	17° 7	3° 7	11°34	11°13	16°31	3°57	T 28
F 29	19 5 6	15°54'34	7°2	26°23	27°28	15° 0	28° 2	28°45	18°14	17° 8	3° 6	11°R34	11°10	16°37	4° 3	F 29
S 30	19 9 3	16°51'48	19°3	27°11'50	28°42	15°11'41	28°19	28°45	18°15	17°10	3°5	11°34	11°7	16°44	4°10	S 30

Day	☉	☾		♊		♋		♌		♍		♎		♏		♐		♑		♒		♓		♈	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
F 1	23n 3	22n16	1s13	19n 4	3s44	23n42	0n23	19n 2	0s 8	3n 5	1n23	2s49	2s12	6s37	0n37	15n 6	1s45	22s20	12s57	23n 0	22n54	19n20	6n19	5s 1	
S 2	23 8	22 59	0 6	18 50	3 55	23 48	0 25	19 13	0 8	3 3	1 22	2 48	2 12	6 37	0 37	15 7	1 45	22 20	12 57	23 0	22 54	19 19	6 18	5 0	
S 3	23 12	22 36	1n 0	18 38	4 4	23 53	0 28	19 24	0 7	3 1	1 22	2 47	2 12	6 37	0 37	15 7	1 45	22 20	12 58	23 0	22 54	19 18	6 17	4 59	
M 4	23 16	21 12	2 3	18 27	4 12	23 57	0 30	19 34	0 6	3 0	1 22	2 46	2 13	6 36	0 37	15 8	1 45	22 21	12 58	23 0	22 55	19 17	6 16	4 59	
T 5	23 19	18 53	3 0	18 18	4 18	24 1	0 32	19 44	0 6	2 58	1 22	2 45	2 13	6 36	0 37	15 8	1 45	22 21	12 58	22 59	22 55	19 15	6 15	4 58	
W 6	23 22	15 47	3 49	18 11	4 23	24 4	0 34	19 54	0 5	2 56	1 22	2 44	2 13	6 36	0 37	15 9	1 45	22 22	12 59	22 59	22 55	19 14	6 14	4 57	
T 7	23 24	12 3	4 29	18 5	4 26	24 6	0 37	20 4	0 4	2 54	1 21	2 44	2 13	6 36	0 37	15 9	1 45	22 22	12 59	22 59	22 55	19 13	6 13	4 57	
F 8	23 26	7 48	4 58	18 1	4 29	24 8	0 39	20 14	0 4	2 52	1 21	2 43	2 14	6 36	0 37	15 10	1 45	22 23	12 59	22 59	22 56	19 12	6 12	4 56	
S 9	23 28	3 10	5 14	17 59	4 29	24 9	0 41	20 23	0 3	2 50	1 21	2 42	2 14	6 35	0 36	15 10	1 45	22 23	13 0	22 59	22 56	19 10	6 11	4 55	
S 10	23 29	1s41	5 15	17 59	4 29	24 9	0 43	20 32	0 2	2 48	1 21	2 42	2 14	6 35	0 36	15 11	1 45	22 23	13 0	22 59	22 56	19 9	6 10	4 55	
M11	23 29	6 37	5 1	18 1	4 27	24 8	0 45	20 41	0 2	2 46	1 20	2 41	2 14	6 35	0 36	15 11	1 45	22 24	13 0	22 59	22 57	19 8	6 8	4 54	
T 12	23 30	11 24	4 31	18 4	4 24	24 7	0 47	20 50	0 1	2 44	1 20	2 41	2 15	6 35	0 36	15 11	1 45	22 24	13 1	22 59	22 57	19 7	6 7	4 53	
W13	23 30	15 46	3 45	18 10	4 20	24 5	0 49	20 59	0 0	2 41	1 20	2 40	2 15	6 35	0 36	15 12	1 45	22 25	13 1	23 0	22 57	19 5	6 6	4 52	
T 14	23 29	19 23	2 44	18 16	4 14	24 2	0 51	21 7	0n 1	2 39	1 20	2 40	2 15	6 35	0 36	15 12	1 45	22 25	13 1	23 0	22 57	19 4	6 4	4 52	
F 15	23 28	21 54	1 31	18 25	4 8	23 59	0 53	21 16	0 1	2 37	1 19	2 39	2 16	6 35	0 36	15 13	1 45	22 26	13 2	23 0	22 58	19 3	6 3	4 51	
S 16	23 27	22 58	0 10	18 35	4 1	23 55	0 55	21 24	0 2	2 34	1 19	2 39	2 16	6 35	0 36	15 13	1 45	22 26	13 2	23 0	22 58	19 2	6 1	4 50	
S 17	23 25	22 26	1s12	18 46	3 53	23 50	0 57	21 32	0 3	2 32	1 19	2 39	2 16	6 35	0 36	15 14	1 45	22 27	13 2	23 0	22 58	19 0	6 0	4 50	
M18	23 23	20 19	2 29	18 58	3 44	23 44	0 59	21 39	0 3	2 29	1 19	2 38	2 16	6 35	0 36	15 14	1 45	22 27	13 3	23 0	22 59	18 59	5 58	4 49	
T 19	23 21	16 52	3 36	19 12	3 34	23 38	1 1	21 47	0 4	2 26	1 19	2 38	2 17	6 35	0 36	15 15	1 45	22 28	13 3	23 0	22 59	18 58	5 57	4 48	
W20	23 18	12 24	4 27	19 26	3 24	23 31	1 2	21 54	0 5	2 24	1 18	2 38	2 17	6 35	0 36	15 15	1 45	22 28	13 3	23 0	22 59	18 56	5 55	4 48	
T 21	23 14	7 20	5 1	19 42	3 13	23 23	1 4	22 1	0 5	2 21	1 18	2 38	2 17	6 35	0 36	15 15	1 45	22 29	13 3	23 0	22 59	18 55	5 54	4 47	
F 22	23 10	2 0	5 17	19 58	3 2	23 15	1 6	22 8	0 6	2 18	1 18	2 37	2 17	6 36	0 36	15 16	1 45	22 29	13 4	23 0	23 0	18 54	5 52	4 47	
S 23	23 6	3n18	5 13	20 14	2 50	23 6	1 7	22 14	0 7	2 15	1 18	2 37	2 18	6 36	0 36	15 16	1 45	22 30	13 4	23 0	23 0	18 52	5 50	4 46	
S 24	23 2	8 20	4 53	20 31	2 37	22 56	1 9	22 21	0 7	2 12	1 17	2 37	2 18	6 36	0 36	15 16	1 45	22 30	13 4	23 0	23 0	18 51	5 49	4 45	
M25	22 57	12 53	4 18	20 48	2 25	22 46	1 10	22 27	0 8	2 10	1 17	2 37	2 18	6 36	0 36	15 17	1 45	22 31	13 5	23 0	23 0	18 50	5 47	4 45	
T 26	22 51	16 46	3 31	21 5	2 12	22 35	1 12	22 33	0 9	2 7	1 17	2 37	2 19	6 36	0 36	15 17	1 45	22 31	13 5	23 0	23 1	18 48	5 45	4 44	
W27	22 46	19 48	2 34	21 22	1 59	22 23	1 13	22 39	0 9	2 4	1 17	2 37	2 19	6 37	0 36	15 18	1 46	22 32	13 5	23 0	23 1	18 47	5 43	4 44	
T 28	22 39	21 52	1 31	21 39	1 45	22 11	1 15	22 44	0 10	2 0	1 17	2 38	2 19	6 37	0 36	15 18	1 46	22 32	13 6	23 0	23 1	18 46	5 41	4 43	
F 29	22 33	22 53	0 25	21 55	1 32	21 58	1 16	22 50	0 11	1 57	1 16	2 38	2 19	6 37	0 36	15 18	1 46	22 33	13 6	23 0	23 2	18 44	5 40	4 42	
S 30	22n26	22n49	0n41	22n10	1s19	21n44	1n17	22n55	0n12	1n54	1n16	2s38	2s20	6s37	0n36	15n19	1s46	22s34	13s 6	23n 0	23n 2	18n43	5n38	4s42	

ASTRODIENST EPHEMERIS for the year 1554

geocentric

JULY 1554 JC

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	19 12 59	17°54'03"	0°58'58"	29°11'21"	29°55'56"	16°11'22"	28°17'17"	28°R45	18°16'16"	17°18'11"	3°R 5	11°R34	11°53'3"	16°51'51"	4°17'17"	S 1
M 2	19 16 56	18°46'18"	12°49'00"	0°55'56"	1°58'9"	17°3'3"	28°25'28"	28°H45	18°16'16"	17°12'3H"	3°H 4	11°53'3"	11°0'0"	16°58'4"	4°24'24"	M 2
T 3	19 20 52	19°43'33"	24°37'23"	2°35'2"	2°23'3"	17°44'28"	28°32'28"	28°45'18"	18°17'17"	17°14'3°"	3°3 2	11°32'11°"	10°57'17°"	17°4'4"	4°31'31"	T 3
W 4	19 24 49	20°40'49"	6°17'27"	4°18'4"	3°37'18"	18°24'28"	28°40'28"	28°45'18"	18°18'17"	17°15'3°"	3°2 1	11°31'10°"	10°54'17°"	17°11'4"	4°38'38"	W 4
T 5	19 28 45	21°38'05"	18°20'6"	4°51'19°"	4°51'19°"	19°5'28"	28°49'28"	28°45'18"	18°19'17"	17°16'3°"	3°1 1	11°29'10°"	10°51'17°"	17°18'4"	4°45'45"	T 5
F 6	19 32 42	22°35'21"	0°52'1"	7°53'6"	6°4'19°"	19°46'28"	28°57'28"	28°44'18°"	20'17°17"	17°17'3°"	3°0 1	11°28'10°"	10°47'17°"	17°24'4"	4°52'52"	F 6
S 7	19 36 39	23°32'38"	12°34'9"	9°45'7°"	7°18'20°"	20°26'29°"	29°5'28°"	28°44'18°"	18°21'17°"	17°18'2°"	2°59'11°"	11°28'10°"	10°44'17°"	17°31'4°"	4°59'5°"	S 7
S 8	19 40 35	24°29'55"	25°2'11°"	11°40'8°"	8°32'21°"	7°29°14°"	29°14'28°"	28°43'18°"	22°17°20°"	17°20'2°"	2°58'11°"	11°D27'10°"	10°41'17°"	17°38'5°"	5°7'S 8	
M 9	19 44 32	25°27'13"	7°11'50"	13°38'9°"	9°45'21°"	12°47'29°"	29°22'28°"	28°42'18°"	23°17°21°"	17°21'2°"	2°57'11°"	11°28'10°"	10°38'17°"	17°44'5°"	5°14'M 9	
T 10	19 48 28	26°24'31"	21°1'15°"	15°37'10°"	10°59'22°"	22°28'29°"	29°31'28°"	28°41'18°"	24°18°24°"	17°22'2°"	2°56'11°"	11°28'10°"	10°35'17°"	17°51'5°"	5°21'T 10	
W11	19 52 25	27°21'49"	4°17'38"	17°39'12°"	12°13'23°"	8°29°40°"	29°40'28°"	28°40'18°"	26°17°23°"	17°23'2°"	2°56'11°"	11°30'10°"	10°32'17°"	17°58'5°"	5°29'W11	
T 12	19 56 21	28°19'08"	18°42'19°"	19°42'13°"	13°26'23°"	48°29°49°"	29°49'28°"	28°39'18°"	27°17°24°"	17°24'2°"	2°55'11°"	11°31'10°"	10°28'18°"	18°4'5°"	5°36'T 12	
F 13	20 0 18	29°16'28"	3°11'21°"	21°46'14°"	14°40'24°"	29°29'29°"	29°58'28°"	28°38'18°"	28°17°25°"	17°25'2°"	2°54'11°"	11°32'10°"	10°25'18°"	18°11'5°"	5°44'F 13	
S 14	20 4 14	0°13'48"	18°2'23°"	23°51'15°"	15°54'25°"	9°25°25°"	0°16'28°"	37'18°30°"	18°30'17°"	26'2°"	2°53'11°"	11°R32'10°"	10°22'18°"	18°18'5°"	5°51'S 14	
S 15	20 8 11	1°11'09"	3°17'25°"	25°57'17°"	17°7'25°"	49°25°49°"	0°16'28°"	35'18°31°"	31'17°27°"	17°27'2°"	2°51'11°"	11°31'10°"	10°19'18°"	18°24'5°"	5°59'S 15	
M16	20 12 8	2°8'31"	18°19'28°"	28°3'18°"	18°21'26°"	29°0°25°"	25°28°34°"	33'18°33°"	33'17°27°"	17°27'2°"	2°50'11°"	11°29'10°"	10°16'18°"	18°31'6°"	6°7'M16	
T 17	20 16 4	3°5'53"	3°18'26"	0°8'19°"	19°35'27°"	9°35'0°"	28°32'18°"	34'17°28°"	34'17°28°"	17°28'2°"	2°49'11°"	11°26'10°"	10°13'18°"	18°38'6°"	6°14'T 17	
W18	20 20 1	4°3'17"	18°20'2°"	2°14'20°"	20°48'27°"	49°0°44°"	28°31'18°"	36'17°29°"	36'17°29°"	17°29'2°"	2°48'11°"	11°23'10°"	10°9'18°"	18°44'6°"	6°22'W18	
T 19	20 23 57	5°0'42"	2°17'55"	4°19'22°"	22°2'28°"	29°0°54°"	28°29'18°"	37'17°30°"	37'17°30°"	17°30'2°"	2°47'11°"	11°21'10°"	10°6'18°"	18°51'6°"	6°30'T 19	
F 20	20 27 54	5°58'08"	17°5'6°"	6°23'23°"	23°16'29°"	9°1°4°"	28°27'18°"	39'17°31°"	39'17°31°"	17°31'2°"	2°46'11°"	11°19'10°"	10°3'18°"	18°58'6°"	6°38'F 20	
S 21	20 31 50	6°55'36"	0°18'49"	8°26'24°"	24°29'29°"	48'1°13°"	28°25'18°"	41'17°31°"	41'17°31°"	17°31'2°"	2°45'11°"	11°18'10°"	10°0'19°"	19°4'6°"	6°46'S 21	
S 22	20 35 47	7°53'05"	14°7'10°"	10°29'25°"	25°43'0°"	0°28'1°"	1°23'28°"	23'18°42°"	42'17°32°"	17°32'2°"	2°44'11°"	11°D18'9°"	9°57'19°"	19°11'6°"	6°54'S 22	
M23	20 39 43	8°50'35"	27°2'12°"	12°30'26°"	26°57'1°"	8'1°33°"	28°21'18°"	44'17°33°"	44'17°33°"	17°33'2°"	2°43'11°"	11°19'9°"	9°53'19°"	19°18'7°"	7°2'M23	
T 24	20 43 40	9°48'07"	9°11'38"	14°30'28°"	28°10'1°"	1°47'1°"	1°43'28°"	19'18°46°"	46'17°33°"	17°33'2°"	2°42'11°"	11°20'9°"	9°50'19°"	19°24'7°"	7°10'T 24	
W25	20 47 37	10°45'40"	21°58'16°"	16°28'29°"	29°24'2°"	2°27'1°"	1°54'28°"	17'18°48°"	48'17°34°"	17°34'2°"	2°40'11°"	11°22'9°"	9°47'19°"	19°31'7°"	7°18'W25	
T 26	20 51 33	11°43'14"	4°5'18°"	18°26'0°"	0°38'3°"	6°2°4°"	28°14'18°"	50'17°35°"	50'17°35°"	17°35'2°"	2°39'11°"	11°23'9°"	9°44'19°"	19°38'7°"	7°26'T 26	
F 27	20 55 30	12°40'50"	16°4'20°"	20°21'1°"	1°51'3°"	46'2°14°"	28°12'18°"	52'17°35°"	52'17°35°"	17°35'2°"	2°38'11°"	11°R23'9°"	9°41'19°"	19°44'7°"	7°34'F 27	
S 28	20 59 26	13°38'27"	27°57'22°"	22°16'3°"	3°5'4°"	4°25'2°"	2°25'28°"	9'18°54°"	54'17°36°"	17°36'2°"	2°37'11°"	11°22'9°"	9°38'19°"	19°51'7°"	7°42'S 28	
S 29	21 3 23	14°36'05"	9°12'47"	24°9'4°"	4°19'5°"	5°4'2°"	2°35'28°"	7'18°56°"	56'17°36°"	17°36'2°"	2°36'11°"	11°19'9°"	9°34'19°"	19°58'7°"	7°50'S 29	
M30	21 7 19	15°33'45"	21°36'26°"	26°0'5°"	5°32'5°"	5°44'2°"	2°46'28°"	4'18°58°"	58'17°36°"	17°36'2°"	2°35'11°"	11°14'9°"	9°31'20°"	19°58'4°"	7°58'M30	
T 31	21 11 16	16°31'26"	3°17'26"	27°50'6°"	6°46'6°"	23'2°"	2°56'28°"	1'19°1°"	1°17°37°"	17°37'2°"	2°H33'11°"	11°9°28°"	9°28'20°"	19°11'8°"	8°7'T 31	

Day	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
S 1	22n18	21n42	1n46	22n24	1s 5	21n30	1n19	23n 0	0n12	1n51	1n16	2s38	2s20	6s38	0n36	15n19
M 2	22 11	19 38	2 45	22 38	0 52	21 15	1 20	23 5	0 13	1 48	1 16	2 38	2 20	6 38	0 36	15 19
T 3	22 3	16 45	3 37	22 50	0 39	20 59	1 21	23 9	0 14	1 44	1 16	2 39	2 21	6 38	0 36	15 20
W 4	21 54	13 11	4 19	23 0	0 26	20 43	1 22	23 14	0 14	1 41	1 15	2 39	2 21	6 39	0 36	15 20
T 5	21 45	9 5	4 51	23 8	0 13	20 26	1 23	23 18	0 15	1 37	1 15	2 39	2 21	6 39	0 35	15 20
F 6	21 36	4 36	5 11	23 15	0 1	20 9	1 24	23 22	0 16	1 34	1 15	2 40	2 21	6 39	0 35	15 20
S 7	21 26	0s 7	5 17	23 19	0n11	19 51	1 25	23 26	0 17	1 30	1 15	2 40	2 22	6 40	0 35	15 21
S 8	21 16	4 56	5 8	23 21	0 22	19 33	1 25	23 29	0 17	1 27	1 15	2 41	2 22	6 40	0 35	15 21
M 9	21 6	9 41	4 44	23 21	0 33	19 14	1 26	23 32	0 18	1 23	1 14	2 41	2 22	6 41	0 35	15 21
T 10	20 55	14 7	4 4	23 18	0 43	18 54	1 27	23 36	0 19	1 20	1 14	2 42	2 22	6 41	0 35	15 21
W11	20 44	18 0	3 10	23 12	0 53	18 34	1 27	23 38	0 19	1 16	1 14	2 43	2 23	6 42	0 35	15 22
T 12	20 33	20 58	2 3	23 4	1 1	18 14	1 28	23 41	0 20	1 12	1 14	2 43	2 23	6 42	0 35	15 22
F 13	20 21	22 42	0 46	22 52	1 9	17 53	1 28	23 44	0 21	1 9	1 14	2 44	2 23	6 43	0 35	15 22
S 14	20 9	22 52	0s36	22 39	1 17	17 31	1 29	23 46	0 21	1 5	1 14	2 45	2 24	6 43	0 35	15 22
S 15	19 57	21 24	1 56	22 22	1 23	17 9	1 29	23 48	0 22	1 1	1 13	2 46	2 24	6 44	0 35	15 23
M16	19 44	18 22	3 9	22 32	1 29	16 47	1 29	23 50	0 23	0 57	1 13	2 46	2 24	6 45	0 35	15 23
T 17	19 31	14 8	4 8	22 42	1 34	16 24	1 30	23 52	0 24	0 53	1 13	2 47	2 24	6 45	0 35	15 23
W18	19 17	9 4	4 50	21 18	1 38	16 1	1 30	23 53	0 24	0 49	1 13	2 48	2 25	6 46	0 35	15 23
T 19	19 4	3 36	5 11	20 52	1 41	15 37	1 30	23 54	0 25	0 45	1 13	2 49	2 25	6 47	0 35	15 23
F 20	18 49	1n54	5 13	20 23	1 43	15 13	1 30	23 55	0 26	0 41	1 13	2 50	2 25	6 47	0 35	15 23
S 21	18 35	7 9	4 57	19 53	1 45	14 48	1 30	23 56	0 26	0 37	1 12	2 51	2 25	6 48	0 35	15 24
S 22	18 20	11 54	4 25	19 21	1 46	14 23	1 30	23 57	0 27	0 33	1 12	2 52	2 26	6 49	0 35	15 24
M23	18 5	15 58	3 40	18 48	1 46	13 58	1 29	23 57	0 28	0 29	1 12	2 53	2 26	6 49	0 35	15 24
T 24	17 50	19 13	2 46	18 13	1 46	13 32	1 29	23 58	0 29	0 25	1 12	2 54	2 26	6 50	0 35	15 24
W25	17 35	21 31	1 45	17 36	1 45	13 6	1 29	23 58	0 29	0 21	1 12	2 55	2 26	6 51	0 35	15 24
T 26	17 19	22 46	0 40	16 59	1 44	12 39	1 28	23 58	0 30	0 16	1 12	2 57	2 27	6 52	0 35	15 24
F 27	17 3	22 57	0n26	16 20	1 41	12 12	1 28	23 57	0 31	0 12	1 11	2 58	2 27	6 52	0 35	15 24
S 28	16 46	22 5	1 29	15 41	1 39	11 45	1 27	23 57	0 32	0 8	1 11	2 59	2 27	6 53	0 35	15 24
S 29	16 30	20 14	2 29	15 0	1 36	11 18	1 27	23 56	0 32	0 3	1 11	3 0	2 27	6 54	0 35	15 24
M30	16 13	17 31	3 22	14 19	1 32	10 50	1 26	23 55	0 33	0s 1	1 11	3 2	2 27	6 55	0 35	15 24
T 31	15n55	14n 6	4n 6	13n38	1n28	10n22	1n25	23n54	0n34	0s 5	1n11	3s 3	2s28	6s56	0n35	15n25

Julian Day Number = 2288837.5, Delta T = 170.18 sec

Ecliptic obliquity = 23°29'48", Nutation = - 0°00'16", out-of-bounds declination in red

Ayanamsha: Fagan/Bradley = 18°31'25", Lahiri = 17°38'26" Julian Calendar 1 July 1554 == Greg. Calendar 11 July 1554

ASTRODIENST EPHEMERIS for the year 1554
geocentric

AUGUST 1554 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	21 15 12	17♂29'08	15♂18	29♂39	8♂ 0	7♂ 2	3♂ 7	27°R58	19♂ 3	17♂37	2°R32	11°R 2	9♂25	20♂18	8♂15	W 1
T 2	21 19 9	18°26'51	27°16	1♂26	9°13	7°41	3°18	27♂55	19° 5	17°38	2♂31	10♂55	9°22	20°24	8°23	T 2
F 3	21 23 6	19°24'35	9♂21	3°12	10°27	8°20	3°29	27°52	19° 7	17°38	2°30	10°49	9°19	20°31	8°32	F 3
S 4	21 27 2	20°22'21	21°36	4°56	11°40	8°59	3°40	27°49	19°10	17°38	2°28	10°44	9°15	20°38	8°40	S 4
S 5	21 30 59	21°20'08	4♂ 4	6°39	12°54	9°38	3°51	27°46	19°12	17°38	2°27	10°41	9°12	20°44	8°48	S 5
M 6	21 34 55	22°17'56	16°49	8°21	14° 7	10°16	4° 2	27°42	19°14	17°39	2°26	10°D40	9° 9	20°51	8°57	M 6
T 7	21 38 52	23°15'45	29°54	10° 1	15°21	10°55	4°13	27°39	19°17	17°39	2°25	10°40	9° 6	20°58	9° 5	T 7
W 8	21 42 48	24°13'36	13♂22	11°40	16°35	11°34	4°24	27°36	19°19	17°39	2°23	10°41	9° 3	21° 5	9°14	W 8
T 9	21 46 45	25°11'27	27°16	13°17	17°48	12°12	4°36	27°32	19°22	17°39	2°22	10°42	8°59	21°11	9°22	T 9
F 10	21 50 41	26° 9'20	11♂36	14°53	19° 2	12°51	4°47	27°29	19°24	17°39	2°21	10°R42	8°56	21°18	9°31	F 10
S 11	21 54 38	27° 7'15	26°21	16°28	20°15	13°29	4°59	27°25	19°27	17°39	2°20	10°41	8°53	21°25	9°39	S 11
S 12	21 58 35	28° 5'11	11≈24	18° 1	21°29	14° 8	5°10	27°21	19°30	17°R39	2°18	10°39	8°50	21°31	9°48	S 12
M13	22 2 31	29° 3'08	26°39	19°33	22°42	14°46	5°22	27°17	19°32	17°39	2°17	10°34	8°47	21°38	9°56	M13
T14	22 6 28	0♂ 1'06	11♂55	21° 4	23°55	15°24	5°33	27°14	19°35	17°39	2°16	10°27	8°44	21°45	10° 5	T14
W15	22 10 24	0°59'07	27° 1	22°33	25° 9	16° 2	5°45	27°10	19°38	17°39	2°15	10°19	8°40	21°51	10°13	W15
T16	22 14 21	1°57'09	11°Y48	24° 1	26°22	16°41	5°57	27° 6	19°41	17°39	2°13	10°12	8°37	21°58	10°22	T16
F17	22 18 17	2°55'13	26° 9	25°28	27°36	17°19	6° 9	27° 2	19°44	17°39	2°12	10° 6	8°34	22° 5	10°30	F17
S18	22 22 14	3°53'19	10♂ 0	26°53	28°49	17°57	6°20	26°58	19°46	17°38	2°11	10° 1	8°31	22°11	10°39	S18
S19	22 26 10	4°51'27	23°23	28°17	0♂ 3	18°35	6°32	26°54	19°49	17°38	2°10	9°58	8°28	22°18	10°48	S19
M20	22 30 7	5°49'37	6♂18	29°39	1°16	19°13	6°44	26°49	19°52	17°38	2° 8	9°D58	8°24	22°25	10°56	M20
T21	22 34 4	6°47'50	18°51	1♂ 0	2°29	19°50	6°56	26°45	19°55	17°38	2° 7	9°58	8°21	22°31	11° 5	T21
W22	22 38 0	7°46'04	1♂ 6	2°20	3°43	20°28	7° 8	26°41	19°58	17°37	2° 6	9°59	8°18	22°38	11°14	W22
T23	22 41 57	8°44'20	13° 8	3°38	4°56	21° 6	7°20	26°37	20° 1	17°37	2° 5	9°R59	8°15	22°45	11°22	T23
F24	22 45 53	9°42'39	25° 1	4°54	6° 9	21°44	7°33	26°32	20° 4	17°37	2° 3	9°58	8°12	22°51	11°31	F24
S25	22 49 50	10°40'59	6♂50	6° 9	7°23	22°21	7°45	26°28	20° 7	17°36	2° 2	9°55	8° 9	22°58	11°40	S25
S26	22 53 46	11°39'21	18°38	7°22	8°36	22°59	7°57	26°23	20°11	17°36	2° 1	9°49	8° 5	23° 5	11°48	S26
M27	22 57 43	12°37'45	0♂28	8°33	9°49	23°36	8° 9	26°19	20°14	17°35	2° 0	9°40	8° 2	23°11	11°57	M27
T28	23 1 39	13°36'11	12°22	9°42	11° 3	24°13	8°22	26°14	20°17	17°35	1°58	9°29	7°59	23°18	12° 6	T28
W29	23 5 36	14°34'39	24°21	10°50	12°16	24°51	8°34	26°10	20°20	17°34	1°57	9°17	7°56	23°25	12°14	W29
T30	23 9 33	15°33'09	6♂28	11°55	13°29	25°28	8°47	26° 5	20°23	17°34	1°56	9° 5	7°53	23°32	12°23	T30
F31	23 13 29	16♂31'41	18♂42	12♂58	14♂42	26♂ 5	8♂59	26♂ 1	20♂27	17♂33	1♂55	8♂53	7♂50	23♂38	12♂32	F31

Day	☉	☾		♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
W 1	15n38	10n 6	4n40	12n55	1n23	9n54	1n24	23n53	0n34	0s10	1n11	3s 4	2s28	6s57	0n34	15n25	1s47	22s52	13s13	23n 2	23n10	17n57	4n22	4s27			
T 2	15 20	5 42	5 1	12 13	1 19	9 25	1 24	23 52	0 35	0 14	1 11	3 6	2 28	6 57	0 34	15 25	1 47	22 53	13 13	23 3	23 10	17 56	4 20	4 26			
F 3	15 2	1 2	5 10	11 30	1 13	8 57	1 23	23 50	0 36	0 19	1 10	3 7	2 28	6 58	0 34	15 25	1 48	22 53	13 13	23 3	23 10	17 54	4 17	4 26			
S 4	14 44	3s44	5 5	10 46	1 8	8 28	1 22	23 48	0 37	0 23	1 10	3 8	2 29	6 59	0 34	15 25	1 48	22 54	13 13	23 4	23 10	17 53	4 14	4 26			
S 5	14 25	8 26	4 45	10 3	1 2	7 58	1 20	23 46	0 37	0 28	1 10	3 10	2 29	7 0	0 34	15 25	1 48	22 54	13 13	23 4	23 11	17 51	4 11	4 25			
M 6	14 7	12 53	4 11	9 19	0 55	7 29	1 19	23 44	0 38	0 32	1 10	3 11	2 29	7 1	0 34	15 25	1 48	22 55	13 13	23 4	23 11	17 49	4 9	4 25			
T 7	13 48	16 52	3 23	8 35	0 49	6 59	1 18	23 41	0 39	0 37	1 10	3 13	2 29	7 2	0 34	15 25	1 48	22 55	13 13	23 4	23 11	17 48	4 6	4 24			
W 8	13 29	20 6	2 23	7 51	0 42	6 29	1 17	23 39	0 40	0 41	1 10	3 15	2 29	7 3	0 34	15 25	1 48	22 56	13 13	23 4	23 11	17 46	4 3	4 24			
T 9	13 9	22 16	1 12	7 8	0 35	5 59	1 15	23 36	0 40	0 46	1 10	3 16	2 30	7 4	0 34	15 25	1 48	22 56	13 13	23 4	23 11	17 45	4 0	4 24			
F 10	12 50	23 4	0s 5	6 24	0 28	5 29	1 14	23 33	0 41	0 50	1 10	3 18	2 30	7 5	0 34	15 25	1 48	22 57	13 14	23 4	23 12	17 43	3 57	4 24			
S 11	12 30	22 18	1 24	5 40	0 21	4 59	1 12	23 30	0 42	0 55	1 10	3 19	2 30	7 6	0 34	15 25	1 48	22 58	13 14	23 4	23 12	17 42	3 54	4 23			
S 12	12 10	19 56	2 38	4 57	0 13	4 28	1 11	23 27	0 42	1 0	1 9	3 21	2 30	7 7	0 34	15 24	1 48	22 58	13 14	23 4	23 12	17 40	3 51	4 23			
M13	11 50	16 8	3 42	4 14	0 5	3 58	1 9	23 24	0 43	1 4	1 9	3 23	2 30	7 8	0 34	15 24	1 48	22 59	13 14	23 5	23 12	17 39	3 48	4 23			
T14	11 30	11 16	4 30	3 31	0s 3	3 27	1 8	23 20	0 44	1 9	1 9	3 24	2 30	7 9	0 34	15 24	1 48	22 59	13 14	23 5	23 13	17 37	3 46	4 22			
W15	11 9	5 45	4 59	2 48	0 11	2 56	1 6	23 16	0 45	1 14	1 9	3 26	2 31	7 10	0 34	15 24	1 48	23 0	13 14	23 6	23 13	17 35	3 43	4 22			
T16	10 48	0 2	5 7	2 6	0 19	2 25	1 4	23 12	0 45	1 19	1 9	3 28	2 31	7 11	0 34	15 24	1 48	23 0	13 14	23 6	23 13	17 34	3 40	4 22			
F17	10 27	5n32	4 55	1 24	0 27	1 54	1 2	23 8	0 46	1 23	1 9	3 30	2 31	7 13	0 34	15 24	1 48	23 1	13 14	23 7	23 13	17 32	3 37	4 21			
S18	10 6	10 38	4 26	0 42	0 35	1 23	1 0	23 4	0 47	1 28	1 9	3 31	2 31	7 14	0 34	15 24	1 48	23 1	13 14	23 7	23 13	17 31	3 34	4 21			
S 19	9 45	15 3	3 44	0 1	0 44	0 52	0 58	23 0	0 48	1 33	1 9	3 33	2 31	7 15	0 34	15 24	1 48	23 2	13 14	23 7	23 14	17 29	3 31	4 21			
M20	9 24	18 37	2 51	0s40	0 52	0 21	0 56	22 55	0 48	1 38	1 9	3 35	2 31	7 16	0 34	15 24	1 49	23 2	13 14	23 7	23 14	17 27	3 28	4 21			
T21	9 2	21 11	1 51	1 20	1 1	0s10	0 54	22 50	0 49	1 43	1 8	3 37	2 32	7 17	0 34	15 24	1 49	23 3	13 14	23 7	23 14	17 26	3 25	4 20			
W22	8 41	22 42	0 48	1 59	1 9	0 41	0 52	22 45	0 50	1 48	1 8	3 38	2 32	7 18	0 34	15 23	1 49	23 3	13 14	23 7	23 14	17 24	3 22	4 20			
T23	8 19	23 8	0n17	2 38	1 18	1 12	0 50	22 40	0 51	1 52	1 8	3 40	2 32	7 19	0 34	15 23	1 49	23 4	13 14	23 7	23 14	17 23	3 19	4 20			
F24	7 57	22 29	1 20	3 17	1 27	1 44	0 47	22 35	0 51	1 57	1 8	3 42	2 32	7 21	0 34	15 23	1 49	23 4	13 14	23 7	23 15	17 21	3 15	4 20			
S25	7 35	20 50	2 18	3 54	1 35	2 15	0 45	22 30	0 52	2 2	1 8	3 44	2 32	7 22	0 34	15 23	1 49	23 5	13 14	23 8	23 15	17 19	3 12	4 20			
S 26	7 13	18 18	3 11	4 31	1 44	2 46	0 43	22 24	0 53	2 7	1 8	3 46	2 32	7 23	0 34	15 23	1 49	23 5	13 14	23 8	23 15	17 18	3 9	4 19			
M27	6 50	15 0	3 55	5 7	1 52	3 17	0 40	22 19	0 54	2 12	1 8	3 48	2 32	7 24	0 34	15 23	1 49	23 5	13 14	23 9	23 15	17 16	3 6	4 19			
T28	6 28	11 5	4 30	5 42	2 0	3 48	0 38	22 13	0 54	2 17	1 8	3 50	2 32	7 25	0 34	15 22	1 49	23 6	13 14	23 9	23 15	17 14	3 3	4 19			
W29	6 5	6 43	4 52	6 16	2 9	4 19	0 35	22 7	0 55	2 22	1 8	3 52	2 32	7 27	0 34	15 22	1 49	23 6	13 14	23 10	23 16	17 13	3 0	4 19			
T30	5 43	2 3	5 2	6 49	2 17	4 50	0 33	22 1	0 56	2 27	1 8	3 53	2 33	7 28	0 34	15 22	1 49	23 7	13 14	23 11	23 16	17 11	2 57	4 18			
F 31	5n20	2s45	4n58	7s21	2s25	5s21	0n30	21n55	0n57	2s32	1n 8	3s55	2s33	7s29	0n34	15n22	1s49	23s 7	13s14	23n12	23n16	17n 9	2n54	4s18			

ASTRODIENST EPHEMERIS for the year 1554

geocentric

SEPTEMBER 1554 JC

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	23 17 26	17 ^h 30'14"	1 ^m 6	13 ^s 58	15 ^s 56	26 ^s 42	9 ^s 12	25°R56	20 ^s 30	17°R32	1°R53	8°R43	7 ^s 46	23 ^s 45	12 ^m 40	S 1
S 2	23 21 22	18°28'50"	13°40'	14°56'	17° 9'	27°19'	9°24'	25 ^h 52	20°33'	17 ^h 32	1 ^h 52	8 ^h 36	7°43'	23°52'	12°49'	S 2
M 3	23 25 19	19°27'27"	26°28'	15°52'	18°22'	27°56'	9°37'	25°47'	20°37'	17°31'	1°51'	8°31'	7°40'	23°58'	12°58'	M 3
T 4	23 29 15	20°26'05"	9 ^s 32	16°44'	19°35'	28°33'	9°49'	25°42'	20°40'	17°30'	1°50'	8°29'	7°37'	24° 5'	13° 6'	T 4
W 5	23 33 12	21°24'46"	22°55'	17°33'	20°48'	29°10'	10° 2'	25°38'	20°43'	17°30'	1°49'	8°D29	7°34'	24°12'	13°15'	W 5
T 6	23 37 8	22°23'28"	6 ^s 39	18°19'	22° 2'	29°46'	10°15'	25°33'	20°47'	17°29'	1°47'	8°R29	7°30'	24°18'	13°23'	T 6
F 7	23 41 5	23°22'12"	20°45'	19° 1'	23°15'	0 ^s 23	10°27'	25°28'	20°50'	17°28'	1°46'	8°29'	7°27'	24°25'	13°32'	F 7
S 8	23 45 1	24°20'57"	5 ^s 14	19°39'	24°28'	0°59'	10°40'	25°24'	20°54'	17°27'	1°45'	8°26'	7°24'	24°32'	13°41'	S 8
S 9	23 48 58	25°19'45"	20° 2'	20°13'	25°41'	1°36'	10°53'	25°19'	20°57'	17°26'	1°44'	8°22'	7°21'	24°38'	13°49'	S 9
M10	23 52 55	26°18'34"	5 ^h 5	20°42'	26°54'	2°12'	11° 6'	25°14'	21° 1'	17°25'	1°43'	8°14'	7°18'	24°45'	13°58'	M10
T 11	23 56 51	27°17'24"	20°12'	21° 6'	28° 7'	2°48'	11°18'	25°10'	21° 4'	17°24'	1°42'	8° 4'	7°15'	24°52'	14° 6'	T 11
W12	0 0 48	28°16'17"	5 ^h 15	21°24'	29°20'	3°25'	11°31'	25° 5'	21° 8'	17°23'	1°41'	7°53'	7°11'	24°58'	14°15'	W12
T 13	0 4 44	29°15'12"	20° 2'	21°37'	0 ^m 33	4° 1'	11°44'	25° 0'	21°11'	17°22'	1°39'	7°42'	7° 8'	25° 5'	14°23'	T 13
F 14	0 8 41	0 ^s 14'09"	4 ^s 27	21°R44	1°46'	4°37'	11°57'	24°56'	21°15'	17°21'	1°38'	7°32'	7° 5'	25°12'	14°32'	F 14
S 15	0 12 37	1°13'09"	18°24'	21°43'	2°59'	5°13'	12°10'	24°51'	21°18'	17°20'	1°37'	7°25'	7° 2'	25°19'	14°40'	S 15
S 16	0 16 34	2°12'10"	1 ^h 52	21°36'	4°12'	5°49'	12°23'	24°46'	21°22'	17°19'	1°36'	7°19'	6°59'	25°25'	14°49'	S 16
M17	0 20 30	3°11'14"	14°51'	21°21'	5°24'	6°25'	12°36'	24°42'	21°26'	17°18'	1°35'	7°17'	6°56'	25°32'	14°57'	M17
T 18	0 24 27	4°10'21"	27°27'	20°59'	6°37'	7° 0'	12°49'	24°37'	21°29'	17°17'	1°34'	7°16'	6°52'	25°39'	15° 6'	T 18
W19	0 28 24	5° 9'30"	9 ^s 42	20°28'	7°50'	7°36'	13° 2'	24°33'	21°33'	17°16'	1°33'	7°16'	6°49'	25°45'	15°14'	W19
T 20	0 32 20	6° 8'41"	21°43'	19°50'	9° 3'	8°12'	13°15'	24°28'	21°37'	17°15'	1°32'	7°15'	6°46'	25°52'	15°23'	T 20
F 21	0 36 17	7° 7'54"	3 ^s 26	19° 4'	10°16'	8°47'	13°28'	24°23'	21°40'	17°14'	1°31'	7°13'	6°43'	25°59'	15°31'	F 21
S 22	0 40 13	8° 7'10"	15°24'	18°11'	11°29'	9°23'	13°41'	24°19'	21°44'	17°12'	1°30'	7° 9'	6°40'	26° 5'	15°39'	S 22
S 23	0 44 10	9° 6'28"	27°13'	17°12'	12°41'	9°58'	13°54'	24°15'	21°48'	17°11'	1°29'	7° 2'	6°36'	26°12'	15°48'	S 23
M24	0 48 6	10° 5'48"	9 ^m 7	16° 7'	13°54'	10°33'	14° 7'	24°10'	21°51'	17°10'	1°28'	6°52'	6°33'	26°19'	15°56'	M24
T25	0 52 3	11° 5'10"	21° 7'	14°57'	15° 7'	11° 8'	14°20'	24° 6'	21°55'	17° 9'	1°27'	6°40'	6°30'	26°25'	16° 4'	T25
W26	0 55 59	12° 4'34"	3 ^s 16	13°46'	16°19'	11°43'	14°33'	24° 1'	21°59'	17° 7'	1°26'	6°26'	6°27'	26°32'	16°12'	W26
T 27	0 59 56	13° 4'01"	15°34'	12°34'	17°32'	12°18'	14°46'	23°57'	22° 2'	17° 6'	1°25'	6°12'	6°24'	26°39'	16°20'	T 27
F 28	1 3 53	14° 3'30"	28° 3'	11°23'	18°45'	12°53'	14°59'	23°53'	22° 6'	17° 5'	1°25'	5°59'	6°21'	26°45'	16°29'	F 28
S 29	1 7 49	15° 3'00"	10 ^m 43	10°16'	19°57'	13°28'	15°12'	23°49'	22°10'	17° 3'	1°24'	5°47'	6°17'	26°52'	16°37'	S 29
S 30	1 11 46	16 ^s 2'33"	23 ^m 33	9 ^s 14	21 ^m 10	14 ^s 3	15 ^s 25	23 ^h 44	22 ^s 14	17 ^h 2	1 ^h 23	5 ^s 39	6 ^s 14	26 ^s 59	16 ^m 45	S 30

Day	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	
S 1	4n57	7s31 4n40	7s52 2s33	5s51 0n28	21n48 0n57	2s37 1n 8	3s57 2s33	7s30 0n34	15n22 1s49	23s 8 13s14	23n13 23n16	17n 8 2n51	4s18			
S 2	4 34 12 2	4 8 8 22	2 41 6 22	0 25 21 42	0 58 2 42	1 7 3 59	2 33 7 32	0 34 15 21	1 49 23 8	13 14 23 13	23 16 17 6	2 48 4 18				
M 3	4 11 16 7	3 23 8 50	2 48 6 53	0 22 21 35	0 59 2 47	1 7 4 1	2 33 7 33	0 34 15 21	1 49 23 8	13 14 23 13	23 16 17 4	2 44 4 18				
T 4	3 48 19 31	2 27 9 17	2 55 7 23	0 19 21 29	1 0 2 52	1 7 4 3	2 33 7 34	0 34 15 21	1 49 23 9	13 14 23 13	23 17 17 3	2 41 4 18				
W 5	3 25 21 57	1 22 9 42	3 2 7 53	0 17 21 22	1 1 2 57	1 7 4 5	2 33 7 36	0 34 15 21	1 49 23 9	13 14 23 13	23 17 17 1	2 38 4 17				
T 6	3 2 23 10	0 10 10 6	3 9 8 23	0 14 21 15	1 1 3 2	1 7 4 7	2 33 7 37	0 34 15 20	1 49 23 9	13 13 23 13	23 17 16 59	2 35 4 17				
F 7	2 38 22 57	1s 5 10 28	3 15 8 53	0 11 21 8	1 2 3 7	1 7 4 9	2 33 7 38	0 34 15 20	1 50 23 10	13 13 23 14	23 17 16 58	2 32 4 17				
S 8	2 15 21 13	2 17 10 48	3 20 9 23	0 8 21 1	1 3 3 12	1 7 4 11	2 33 7 39	0 33 15 20	1 50 23 10	13 13 23 14	23 17 16 56	2 29 4 17				
S 9	1 52 18 1	3 21 11 5	3 26 9 52	0 5 20 53	1 4 3 17	1 7 4 13	2 33 7 41	0 33 15 19	1 50 23 11	13 13 23 14	23 18 16 54	2 25 4 17				
M10	1 28 13 35	4 12 11 21	3 30 10 21	0 2 20 46	1 4 3 22	1 7 4 14	2 33 7 42	0 33 15 19	1 50 23 11	13 13 23 14	23 18 16 53	2 22 4 17				
T 11	1 5 8 17	4 46 11 33	3 34 10 50	0s 1 20 38	1 5 3 27	1 7 4 16	2 33 7 43	0 33 15 19	1 50 23 11	13 13 23 15	23 18 16 51	2 19 4 17				
W12	0 41 2 30	5 0 11 43	3 37 11 19	0 4 20 31	1 6 3 32	1 7 4 18	2 33 7 45	0 33 15 18	1 50 23 12	13 13 23 16	23 18 16 49	2 16 4 17				
T 13	0 18 3n19	4 54 11 50	3 40 11 48	0 7 20 23	1 7 3 38	1 7 4 20	2 33 7 46	0 33 15 18	1 50 23 12	13 13 23 16	23 18 16 47	2 13 4 16				
F 14	0s 6 8 49	4 29 11 54	3 41 12 16	0 10 20 15	1 8 3 43	1 7 4 22	2 33 7 47	0 33 15 18	1 50 23 12	13 13 23 17	23 18 16 46	2 10 4 16				
S 15	0 29 13 42	3 48 11 54	3 41 12 44	0 13 20 7	1 8 3 48	1 7 4 24	2 33 7 49	0 33 15 18	1 50 23 12	13 13 23 17	23 19 16 44	2 6 4 16				
S 16	0 53 17 43	2 56 11 50	3 40 13 12	0 16 19 59	1 9 3 53	1 7 4 26	2 33 7 50	0 33 15 17	1 50 23 13	13 12 23 18	23 19 16 42	2 3 4 16				
M17	1 16 20 43	1 56 11 43	3 38 13 39	0 19 19 51	1 10 3 58	1 7 4 27	2 33 7 52	0 33 15 17	1 50 23 13	13 12 23 18	23 19 16 40	2 0 4 16				
T 18	1 40 22 37	0 52 11 31	3 34 14 6	0 22 19 42	1 11 4 3	1 7 4 29	2 33 7 53	0 33 15 16	1 50 23 13	13 12 23 18	23 19 16 39	1 57 4 16				
W19	2 3 23 21	0n13 11 14	3 29 14 33	0 25 19 34	1 12 4 8	1 7 4 31	2 33 7 54	0 33 15 16	1 50 23 13	13 12 23 18	23 19 16 37	1 54 4 16				
T 20	2 27 22 59	1 16 10 53	3 22 15 0	0 28 19 26	1 12 4 13	1 7 4 33	2 33 7 56	0 33 15 16	1 50 23 14	13 12 23 18	23 19 16 35	1 51 4 16				
F 21	2 50 21 34	2 14 10 27	3 13 15 26	0 31 19 17	1 13 4 18	1 7 4 35	2 33 7 57	0 33 15 15	1 50 23 14	13 12 23 18	23 20 16 33	1 47 4 16				
S 22	3 14 19 14	3 7 9 57	3 2 15 52	0 35 19 8	1 14 4 23	1 7 4 36	2 33 7 58	0 33 15 15	1 50 23 14	13 12 23 18	23 20 16 32	1 44 4 16				
S 23	3 37 16 5	3 51 9 23	2 50 16 17	0 38 19 0	1 15 4 28	1 7 4 38	2 33 8 0	0 33 15 15	1 50 23 14	13 11 23 19	23 20 16 30	1 41 4 16				
M24	4 0 12 17	4 26 8 44	2 35 16 42	0 41 18 51	1 16 4 33	1 6 4 40	2 33 8 1	0 33 15 14	1 50 23 15	13 11 23 19	23 20 16 28	1 38 4 16				
T25	4 24 7 57	4 49 8 2	2 19 17 7	0 44 18 42	1 16 4 38	1 6 4 42	2 33 8 3	0 33 15 14	1 50 23 15	13 11 23 20	23 20 16 26	1 35 4 16				
W26	4 47 3 16	4 59 7 18	2 1 17 31	0 47 18 33	1 17 4 44	1 6 4 43	2 33 8 4	0 33 15 13	1 50 23 15	13 11 23 20	23 20 16 25	1 32 4 16				
T 27	5 10 1s36	4 56 6 32	1 42 17 54	0 50 18 24	1 18 4 49	1 6 4 45	2 33 8 5	0 33 15 13	1 50 23 15	13 11 23 21	23 21 16 23	1 29 4 16				
F 28	5 33 6 29	4 38 5 46	1 22 18 18	0 53 18 15	1 19 4 54	1 6 4 47	2 33 8 7	0 33 15 13	1 50 23 15	13 11 23 22	23 21 16 21	1 25 4 16				
S 29	5 57 11 10	4 7 5 1	1 2 18 41	0 56 18 6	1 20 4 59	1 6 4 48	2 33 8 8	0 33 15 12	1 50 23 15	13 10 23 22	23 21 16 19	1 22 4 16				
S 30	6s20 15s26	3n22 4s18	0s41 19s 3	1s 0 17n56	1n21 5s 4	1n 6 4s50	2s33 8s10	0n33 15n12	1s50 23s16	13s10 23n23	23n21 16n17	1n19 4s16				

Julian Day Number = 2288899.5, Delta T = 169.82 sec
 Ecliptic obliquity = 23°29'49", Nutation = - 0°00'17", out-of-bounds declination in red
 Ayanamsha: Fagan/Bradley = 18°31'34", Lahiri = 17°38'34" Julian Calendar 1 Sept. 1554 == Greg. Calendar 11 Sept. 1554

ASTRODIENST EPHEMERIS for the year 1554

geocentric

OCTOBER 1554 JC

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	1 15 42	17♌ 2'07	6♊34	8°R20	22♌22	14♌37	15♌38	23°R40	22♌17	17°R 0	1°R22	5°R33	6♌11	27♌ 6	16♌53	M 1
T 2	1 19 39	18° 1'44	19°47	7♌34	23°35	15°12	15°51	23♌36	22°21	16♌59	1♌21	5♌30	6° 8	27°12	17° 1	T 2
W 3	1 23 35	19° 1'22	3♌14	6°58	24°48	15°46	16° 4	23°32	22°25	16°58	1°20	5°D29	6° 5	27°19	17° 9	W 3
T 4	1 27 32	20° 1'02	16°55	6°33	26° 0	16°20	16°17	23°28	22°29	16°56	1°20	5°R29	6° 1	27°26	17°17	T 4
F 5	1 31 28	21° 0'43	0♌52	6°20	27°12	16°54	16°30	23°24	22°33	16°55	1°19	5°29	5°58	27°32	17°24	F 5
S 6	1 35 25	22° 0'27	15° 5	6°D17	28°25	17°28	16°43	23°21	22°36	16°53	1°18	5°27	5°55	27°39	17°32	S 6
S 7	1 39 22	23° 0'12	29°33	6°26	29°37	18° 2	16°56	23°17	22°40	16°52	1°18	5°23	5°52	27°46	17°40	S 7
M 8	1 43 18	23°59'58	14♌12	6°45	0♌49	18°36	17° 9	23°13	22°44	16°50	1°17	5°16	5°49	27°52	17°48	M 8
T 9	1 47 15	24°59'47	28°57	7°14	2° 2	19°10	17°22	23°10	22°48	16°49	1°16	5° 7	5°46	27°59	17°55	T 9
W10	1 51 11	25°59'37	13♌40	7°53	3°14	19°44	17°35	23° 6	22°51	16°47	1°16	4°56	5°42	28° 6	18° 3	W10
T 11	1 55 8	26°59'29	28°12	8°40	4°26	20°17	17°48	23° 2	22°55	16°45	1°15	4°45	5°39	28°12	18°11	T 11
F 12	1 59 4	27°59'23	12♌28	9°34	5°38	20°51	18° 1	22°59	22°59	16°44	1°14	4°36	5°36	28°19	18°18	F 12
S 13	2 3 1	28°59'19	26°20	10°35	6°50	21°24	18°14	22°56	23° 3	16°42	1°14	4°28	5°33	28°26	18°26	S 13
S 14	2 6 57	29°59'17	9♌47	11°42	8° 2	21°57	18°27	22°52	23° 6	16°41	1°13	4°23	5°30	28°33	18°33	S 14
M15	2 10 54	0♌59'18	22°48	12°54	9°15	22°30	18°40	22°49	23°10	16°39	1°13	4°20	5°27	28°39	18°40	M15
T 16	2 14 50	1°59'20	5♌27	14°11	10°27	23° 3	18°53	22°46	23°14	16°37	1°12	4°D19	5°23	28°46	18°48	T 16
W17	2 18 47	2°59'25	17°45	15°31	11°38	23°36	19° 6	22°43	23°18	16°36	1°12	4°20	5°20	28°53	18°55	W17
T 18	2 22 44	3°59'32	29°49	16°55	12°50	24° 9	19°19	22°40	23°21	16°34	1°11	4°R21	5°17	28°59	19° 2	T 18
F 19	2 26 40	4°59'41	11♌43	18°21	14° 2	24°41	19°32	22°37	23°25	16°33	1°11	4°21	5°14	29° 6	19° 9	F 19
S 20	2 30 37	5°59'52	23°33	19°49	15°14	25°14	19°44	22°35	23°29	16°31	1°10	4°19	5°11	29°13	19°16	S 20
S 21	2 34 33	7° 0'05	5♌24	21°19	16°26	25°46	19°57	22°32	23°33	16°29	1°10	4°15	5° 7	29°19	19°23	S 21
M22	2 38 30	8° 0'20	17°20	22°51	17°38	26°18	20°10	22°29	23°36	16°28	1°10	4° 8	5° 4	29°26	19°30	M22
T 23	2 42 26	9° 0'37	29°25	24°24	18°49	26°50	20°23	22°27	23°40	16°26	1° 9	4° 0	5° 1	29°33	19°37	T 23
W24	2 46 23	10° 0'55	11♌43	25°58	20° 1	27°22	20°35	22°25	23°44	16°24	1° 9	3°50	4°58	29°40	19°44	W24
T 25	2 50 19	11° 1'16	24°14	27°32	21°12	27°54	20°48	22°22	23°47	16°23	1° 9	3°39	4°55	29°46	19°50	T 25
F 26	2 54 16	12° 1'39	6♌59	29° 7	22°24	28°26	21° 1	22°20	23°51	16°21	1° 8	3°30	4°52	29°53	19°57	F 26
S 27	2 58 13	13° 2'03	19°58	0♌43	23°35	28°57	21°13	22°18	23°54	16°19	1° 8	3°21	4°48	29°59	20° 4	S 27
S 28	3 2 9	14° 2'29	3♌10	2°19	24°47	29°28	21°26	22°16	23°58	16°17	1° 8	3°15	4°45	0♌ 6	20°10	S 28
M29	3 6 6	15° 2'57	16°33	3°55	25°58	29°59	21°38	22°14	24° 2	16°16	1° 8	3°12	4°42	0°13	20°17	M29
T 30	3 10 2	16° 3'26	0♌ 7	5°31	27° 9	0♌31	21°51	22°12	24° 5	16°14	1° 8	3°D10	4°39	0°20	20°23	T 30
W31	3 13 59	17♌ 3'57	13♌50	7♌ 7	28♌21	1♌ 1	22♌ 3	22♌10	24♌ 9	16♌12	1♌ 7	3♌11	4♌36	0♌26	20♌29	W31

Day	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
M 1	6s42	19s 3	2n27	3s38	0s21	19s25	1s 3	17n47	1n21	5s 9	1n 6	4s51	2s33	8s11	0n33	15n11
T 2	7 5	21 44	1 22	3 1	0 1	19 46	1 6	17 38	1 22	5 14	1 6	4 53	2 33	8 13	0 33	15 11
W 3	7 28	23 15	0 12	2 30	0n18	20 7	1 9	17 28	1 23	5 19	1 6	4 54	2 33	8 14	0 33	15 10
T 4	7 51	23 25	1s 0	2 4	0 36	20 28	1 12	17 19	1 24	5 24	1 6	4 56	2 32	8 15	0 33	15 10
F 5	8 13	22 8	2 10	1 44	0 52	20 48	1 15	17 9	1 25	5 29	1 6	4 57	2 32	8 17	0 33	15 10
S 6	8 36	19 26	3 13	1 29	1 7	21 7	1 18	17 0	1 26	5 34	1 6	4 59	2 32	8 18	0 33	15 9
S 7	8 58	15 29	4 5	1 21	1 20	21 26	1 21	16 50	1 27	5 39	1 6	5 0	2 32	8 20	0 33	15 9
M 8	9 20	10 34	4 42	1 18	1 31	21 44	1 23	16 40	1 27	5 44	1 6	5 1	2 32	8 21	0 33	15 8
T 9	9 42	5 0	5 0	1 20	1 41	22 2	1 26	16 30	1 28	5 49	1 6	5 3	2 32	8 22	0 33	15 8
W10	10 4	0n49	4 59	1 28	1 49	22 19	1 29	16 21	1 29	5 54	1 6	5 4	2 32	8 24	0 33	15 7
T 11	10 26	6 32	4 37	1 40	1 55	22 35	1 32	16 11	1 30	5 59	1 6	5 5	2 32	8 25	0 33	15 7
F 12	10 47	11 49	3 59	1 57	2 1	22 51	1 35	16 1	1 31	6 4	1 6	5 7	2 32	8 27	0 33	15 6
S 13	11 8	16 20	3 8	2 17	2 5	23 6	1 37	15 51	1 32	6 9	1 6	5 8	2 31	8 28	0 33	15 6
S 14	11 30	19 53	2 7	2 41	2 7	23 21	1 40	15 41	1 33	6 14	1 6	5 9	2 31	8 29	0 33	15 5
M15	11 51	22 17	1 1	3 8	2 9	23 35	1 43	15 31	1 34	6 18	1 6	5 10	2 31	8 31	0 33	15 5
T 16	12 12	23 29	0n 6	3 37	2 9	23 48	1 45	15 21	1 34	6 23	1 7	5 11	2 31	8 32	0 33	15 5
W17	12 32	23 30	1 11	4 9	2 9	24 1	1 48	15 11	1 35	6 28	1 7	5 12	2 31	8 34	0 33	15 4
T 18	12 53	22 23	2 12	4 42	2 7	24 13	1 50	15 1	1 36	6 33	1 7	5 13	2 31	8 35	0 33	15 4
F 19	13 13	20 18	3 6	5 17	2 5	24 24	1 53	14 51	1 37	6 38	1 7	5 14	2 30	8 36	0 33	15 3
S 20	13 33	17 21	3 52	5 53	2 3	24 35	1 55	14 41	1 38	6 43	1 7	5 15	2 30	8 38	0 33	15 3
S 21	13 53	13 42	4 28	6 30	1 59	24 45	1 57	14 31	1 39	6 47	1 7	5 16	2 30	8 39	0 33	15 2
M22	14 13	9 30	4 52	7 7	1 55	24 54	2 0	14 21	1 40	6 52	1 7	5 17	2 30	8 40	0 33	15 2
T 23	14 32	4 53	5 4	7 45	1 51	25 3	2 2	14 11	1 41	6 57	1 7	5 18	2 30	8 42	0 33	15 1
W24	14 51	0s 0	5 2	8 24	1 46	25 11	2 4	14 1	1 42	7 2	1 7	5 19	2 30	8 43	0 33	15 1
T 25	15 10	4 59	4 46	9 3	1 41	25 18	2 6	13 50	1 43	7 7	1 7	5 19	2 29	8 44	0 33	15 0
F 26	15 29	9 51	4 15	9 42	1 36	25 24	2 8	13 40	1 44	7 11	1 7	5 20	2 29	8 46	0 33	15 0
S 27	15 47	14 23	3 31	10 21	1 30	25 30	2 10	13 30	1 45	7 16	1 7	5 21	2 29	8 47	0 33	14 59
S 28	16 5	18 19	2 34	10 59	1 24	25 35	2 12	13 20	1 46	7 21	1 7	5 21	2 29	8 48	0 33	14 59
M29	16 23	21 21	1 28	11 38	1 18	25 40	2 14	13 10	1 47	7 25	1 7	5 22	2 29	8 50	0 33	14 58
T 30	16 41	23 13	0 16	12 16	1 12	25 43	2 15	13 0	1 48	7 30	1 7	5 22	2 29	8 51	0 33	14 58
W31	16s58	23s44	0s57	12s54	1n 5	25s46	2s17	12n50	1n49	7s34	1n 7	5s23	2s28	8s52	0n33	14n57

Julian Day Number = 2288929.5, Delta T = 169.65 sec

Ecliptic obliquity = 23°29'49", Nutation = - 0°00'18", out-of-bounds declination in red

Ayanamsha: Fagan/Bradley = 18°31'38", Lahiri = 17°38'38" Julian Calendar 1 Oct. 1554 == Greg. Calendar 11 Oct. 1554

ASTRODIENST EPHEMERIS for the year 1554

geocentric

NOVEMBER 1554 JC

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	3 17 55	18 ¹¹ 4'29	27 ³ 42	8 ¹¹ 43	29 ² 32	1 ¹¹ 32	22 ² 16	22 ² R 9	24 ² 12	16 ² R 11	1 ² R 7	3 ² 12	4 ² 33	0 ² 33	20 ² 36	T 1
F 2	3 21 52	19 ² 5'02	11 ² 42	10 ² 19	0 ² 43	2 ² 3	22 ² 28	22 ² 7	24 ² 16	16 ² 9	1 ² 7	3 ² 13	4 ² 29	0 ² 40	20 ² 42	F 2
S 3	3 25 48	20 ² 5'36	25 ² 49	11 ² 55	1 ² 54	2 ² 33	22 ² 41	22 ² 6	24 ² 19	16 ² 7	1 ² 7	3 ² R 13	4 ² 26	0 ² 47	20 ² 48	S 3
S 4	3 29 45	21 ² 6'12	10 ² 2	13 ² 31	3 ² 5	3 ² 3	22 ² 53	22 ² 5	24 ² 23	16 ² 6	1 ² 7	3 ² 11	4 ² 23	0 ² 53	20 ² 54	S 4
M 5	3 33 42	22 ² 6'48	24 ² 19	15 ² 7	4 ² 16	3 ² 33	23 ² 5	22 ² 3	24 ² 26	16 ² 4	1 ² D 7	3 ² 8	4 ² 20	1 ² 0	21 ² 0	M 5
T 6	3 37 38	23 ² 7'26	8 ² 36	16 ² 42	5 ² 27	4 ² 3	23 ² 17	22 ² 2	24 ² 30	16 ² 2	1 ² 7	3 ² 3	4 ² 17	1 ² 7	21 ² 5	T 6
W 7	3 41 35	24 ² 8'05	22 ² 50	18 ² 18	6 ² 37	4 ² 33	23 ² 29	22 ² 1	24 ² 33	16 ² 1	1 ² 7	2 ² 57	4 ² 13	1 ² 13	21 ² 11	W 7
T 8	3 45 31	25 ² 8'46	6 ² 55	19 ² 53	7 ² 48	5 ² 3	23 ² 41	22 ² 0	24 ² 37	15 ² 59	1 ² 7	2 ² 50	4 ² 10	1 ² 20	21 ² 17	T 8
F 9	3 49 28	26 ² 9'27	20 ² 47	21 ² 28	8 ² 58	5 ² 32	23 ² 54	22 ² 0	24 ² 40	15 ² 57	1 ² 7	2 ² 44	4 ² 7	1 ² 27	21 ² 22	F 9
S 10	3 53 24	27 ² 10'10	4 ² 23	23 ² 3	10 ² 9	6 ² 1	24 ² 5	21 ² 59	24 ² 43	15 ² 56	1 ² 7	2 ² 40	4 ² 4	1 ² 33	21 ² 28	S 10
S 11	3 57 21	28 ² 10'55	17 ² 39	24 ² 38	11 ² 19	6 ² 30	24 ² 17	21 ² 58	24 ² 47	15 ² 54	1 ² 7	2 ² 37	4 ² 1	1 ² 40	21 ² 33	S 11
M 12	4 1 17	29 ² 11'40	0 ² 34	26 ² 13	12 ² 29	6 ² 59	24 ² 29	21 ² 58	24 ² 50	15 ² 52	1 ² 8	2 ² D 36	3 ² 58	1 ² 47	21 ² 39	M 12
T 13	4 5 14	0 ² 12'28	13 ² 10	27 ² 47	13 ² 39	7 ² 28	24 ² 41	21 ² 58	24 ² 53	15 ² 51	1 ² 8	2 ² 37	3 ² 54	1 ² 54	21 ² 44	T 13
W 14	4 9 11	1 ² 13'16	25 ² 30	29 ² 22	14 ² 49	7 ² 56	24 ² 53	21 ² 57	24 ² 56	15 ² 49	1 ² 8	2 ² 38	3 ² 51	2 ² 0	21 ² 49	W 14
T 15	4 13 7	2 ² 14'06	7 ² 35	0 ² 56	15 ² 59	8 ² 24	25 ² 5	21 ² 57	25 ² 0	15 ² 47	1 ² 8	2 ² 40	3 ² 48	2 ² 7	21 ² 54	T 15
F 16	4 17 4	3 ² 14'58	19 ² 31	2 ² 31	17 ² 9	8 ² 52	25 ² 16	21 ² D 57	25 ² 3	15 ² 46	1 ² 8	2 ² 42	3 ² 45	2 ² 14	21 ² 59	F 16
S 17	4 21 0	4 ² 15'51	1 ² 22	4 ² 5	18 ² 19	9 ² 20	25 ² 28	21 ² 57	25 ² 6	15 ² 44	1 ² 9	2 ² R 42	3 ² 42	2 ² 20	22 ² 4	S 17
S 18	4 24 57	5 ² 16'45	13 ² 14	5 ² 39	19 ² 28	9 ² 48	25 ² 39	21 ² 58	25 ² 9	15 ² 43	1 ² 9	2 ² 42	3 ² 39	2 ² 27	22 ² 8	S 18
M 19	4 28 53	6 ² 17'40	25 ² 11	7 ² 14	20 ² 38	10 ² 15	25 ² 51	21 ² 58	25 ² 12	15 ² 41	1 ² 9	2 ² 41	3 ² 35	2 ² 34	22 ² 13	M 19
T 20	4 32 50	7 ² 18'37	7 ² 18	8 ² 48	21 ² 47	10 ² 42	26 ² 2	21 ² 58	25 ² 15	15 ² 39	1 ² 10	2 ² 38	3 ² 32	2 ² 40	22 ² 18	T 20
W 21	4 36 46	8 ² 19'35	19 ² 39	10 ² 22	22 ² 56	11 ² 9	26 ² 13	21 ² 59	25 ² 18	15 ² 38	1 ² 10	2 ² 34	3 ² 29	2 ² 47	22 ² 22	W 21
T 22	4 40 43	9 ² 20'34	2 ² 17	11 ² 56	24 ² 5	11 ² 36	26 ² 24	21 ² 59	25 ² 21	15 ² 36	1 ² 11	2 ² 30	3 ² 26	2 ² 54	22 ² 26	T 22
F 23	4 44 40	10 ² 21'34	15 ² 13	13 ² 30	25 ² 14	12 ² 2	26 ² 36	22 ² 0	25 ² 24	15 ² 35	1 ² 11	2 ² 27	3 ² 23	3 ² 1	22 ² 31	F 23
S 24	4 48 36	11 ² 22'36	28 ² 29	15 ² 5	26 ² 23	12 ² 28	26 ² 47	22 ² 1	25 ² 27	15 ² 33	1 ² 11	2 ² 24	3 ² 19	3 ² 7	22 ² 35	S 24
S 25	4 52 33	12 ² 23'38	12 ² 2	16 ² 39	27 ² 32	12 ² 54	26 ² 58	22 ² 2	25 ² 30	15 ² 32	1 ² 12	2 ² 21	3 ² 16	3 ² 14	22 ² 39	S 25
M 26	4 56 29	13 ² 24'41	25 ² 51	18 ² 14	28 ² 40	13 ² 20	27 ² 8	22 ² 3	25 ² 33	15 ² 30	1 ² 12	2 ² D 20	3 ² 13	3 ² 21	22 ² 43	M 26
T 27	5 0 26	14 ² 25'45	9 ² 53	19 ² 48	29 ² 48	13 ² 45	27 ² 19	22 ² 4	25 ² 36	15 ² 29	1 ² 13	2 ² 20	3 ² 10	3 ² 27	22 ² 46	T 27
W 28	5 4 22	15 ² 26'50	24 ² 4	21 ² 23	0 ² 57	14 ² 10	27 ² 30	22 ² 5	25 ² 38	15 ² 28	1 ² 14	2 ² 21	3 ² 7	3 ² 34	22 ² 50	W 28
T 29	5 8 19	16 ² 27'55	8 ² 19	22 ² 57	2 ² 5	14 ² 35	27 ² 41	22 ² 7	25 ² 41	15 ² 26	1 ² 14	2 ² 22	3 ² 4	3 ² 41	22 ² 54	T 29
F 30	5 12 16	17 ² 29'01	22 ² 36	24 ² 32	3 ² 13	15 ² 10	27 ² 51	22 ² 8	25 ² 44	15 ² 25	1 ² 15	2 ² 24	3 ² 0	3 ² 48	22 ² 57	F 30

Day	☉	☾		♂		♀		♂		♂		♂		♂		♂		♂		♂		♂		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
T 1	17s15	22s46	2s 9	13s31	0n59	25s48	2s18	12n40	1n50	7s39	1n 7	5s23	2s28	8s54	0n33	14n57	1s51	23s14	13s 2	23n27	23n25	15n18	0s13	4s18
F 2	17 32	20 25	3 13	14 8	0 52	25 49	2 20	12 29	1 51	7 44	1 7	5 24	2 28	8 55	0 33	14 56	1 51	23 14	13 2	23 27	23 25	15 16	0 16	4 18
S 3	17 49	16 48	4 6	14 44	0 45	25 50	2 21	12 19	1 52	7 48	1 7	5 24	2 28	8 56	0 33	14 56	1 51	23 14	13 2	23 27	23 25	15 14	0 18	4 19
S 4	18 5	12 13	4 45	15 19	0 38	25 50	2 22	12 9	1 53	7 53	1 7	5 24	2 28	8 58	0 33	14 55	1 51	23 13	13 2	23 28	23 25	15 12	0 21	4 19
M 5	18 20	6 57	5 6	15 54	0 32	25 49	2 23	11 59	1 54	7 57	1 7	5 25	2 27	8 59	0 33	14 55	1 51	23 13	13 1	23 28	23 26	15 10	0 23	4 19
T 6	18 36	1 18	5 8	16 28	0 25	25 48	2 25	11 49	1 55	8 1	1 7	5 25	2 27	9 0	0 33	14 54	1 51	23 13	13 1	23 28	23 26	15 8	0 26	4 19
W 7	18 51	4n23	4 51	17 2	0 18	25 45	2 26	11 39	1 56	8 6	1 8	5 25	2 27	9 1	0 33	14 54	1 51	23 13	13 1	23 28	23 26	15 6	0 28	4 19
T 8	19 6	9 48	4 17	17 34	0 11	25 42	2 26	11 30	1 57	8 10	1 8	5 25	2 27	9 3	0 33	14 54	1 51	23 12	13 0	23 28	23 26	15 4	0 31	4 20
F 9	19 20	14 39	3 28	18 6	0 4	25 38	2 27	11 20	1 58	8 15	1 8	5 26	2 27	9 4	0 33	14 53	1 51	23 12	13 0	23 28	23 26	15 2	0 33	4 20
S 10	19 34	18 39	2 28	18 37	0s 2	25 34	2 28	11 10	1 59	8 19	1 8	5 26	2 26	9 5	0 33	14 53	1 51	23 12	13 0	23 28	23 26	15 0	0 35	4 20
S 11	19 48	21 35	1 21	19 7	0 9	25 29	2 28	11 0	2 0	8 23	1 8	5 26	2 26	9 6	0 33	14 52	1 51	23 11	13 0	23 28	23 26	14 58	0 38	4 20
M 12	20 2	23 19	0 11	19 36	0 16	25 23	2 29	10 50	2 1	8 28	1 8	5 26	2 26	9 7	0 33	14 52	1 51	23 11	12 59	23 28	23 26	14 56	0 40	4 20
T 13	20 15	23 48	0n58	20 5	0 22	25 16	2 29	10 41	2 2	8 32	1 8	5 26	2 26	9 9	0 33	14 51	1 51	23 11	12 59	23 28	23 26	14 54	0 42	4 21
W 14	20 27	23 5	2 2	20 32	0 29	25 9	2 29	10 31	2 3	8 36	1 8	5 25	2 25	9 10	0 33	14 51	1 51	23 10	12 59	23 28	23 26	14 52	0 44	4 21
T 15	20 39	21 19	3 0	20 58	0 35	25 1	2 30	10 21	2 4	8 40	1 8	5 25	2 25	9 11	0 33	14 50	1 51	23 10	12 58	23 28	23 27	14 50	0 46	4 21
F 16	20 51	18 37	3 49	21 24	0 42	24 52	2 30	10 12	2 5	8 44	1 8	5 25	2 25	9 12	0 33	14 50	1 51	23 10	12 58	23 28	23 27	14 48	0 49	4 21
S 17	21 3	15 11	4 28	21 48	0 48	24 43	2 30	10 2	2 6	8 49	1 8	5 25	2 25	9 13	0 33	14 49	1 51	23 9	12 58	23 28	23 27	14 46	0 51	4 21
S 18	21 14	11 9	4 56	22 11	0 54	24 33	2 29	9 53	2 7	8 53	1 8	5 25	2 25	9 14	0 33	14 49	1 51	23 9	12 58	23 28	23 27	14 44	0 53	4 22
M 19	21 25	6 40	5 11	22 33	1 0	24 22	2 29	9 44	2 9	8 57	1 9	5 24	2 24	9 15	0 33	14 49	1 51	23 9	12 57	23 28	23 27	14 42	0 55	4 22
T 20	21 35	1 53	5 13	22 54	1 5	24 10	2 29	9 34	2 10	9 1	1 9	5 24	2 24	9 17	0 33	14 48	1 51	23 8	12 57	23 28	23 27	14 40	0 57	4 22
W 21	21 45	3s 4	5 0	23 14	1 11	23 58	2 28	9 25	2 11	9 5	1 9	5 23	2 24	9 18	0 33	14 48	1 51	23 8	12 57	23 28	23 27	14 38	0 59	4 22
T 22	21 54	8 1	4 33	23 32	1 17	23 46	2 27	9 16	2 12	9 9	1 9	5 23	2 24	9 19	0 33	14 47	1 51	23 7	12 56	23 28	23 27	14 36	1 1	4 23
F 23	22 3	12 45	3 51	23 50	1 22	23 33	2 27	9 7	2 13	9 13	1 9	5 23	2 23	9 20	0 33	14 47	1 51	23 7	12 56	23 28	23 27	14 34	1 3	4 23
S 24	22 12	17 1	2 56	24 6	1 27	23 19	2 26	8 58	2 14	9 16	1 9	5 22	2 23	9 21	0 33	14 47	1 50	23 7	12 56	23 29	23 27	14 32	1 4	4 23
S 25	22 20	20 29	1 50	24 21	1 32	23 4	2 25	8 49	2 15	9 20	1 9	5 21	2 23	9 22	0 33	14 46	1 50	23 6	12 56	23 29	23 27	14 30	1 6	4 23
M 26	22 28	22 50	0 36	24 35	1 36	22 49	2 23	8 40	2 17	9 24	1 9	5 21	2 23	9 23	0 33	14 46	1 50	23 6	12 55	23 29	23 27	14 28	1 8	4 23
T 27	22 35	23 49	0s42	24 47	1 41	22 33	2 22	8 31	2 18	9 28	1 9	5 20	2 23	9 24	0 33	14 45	1 50	23 5	12 55	23 29	23 28	14 26	1 10	4 24
W 28	22 42	23 16	1 57	24 58	1 45	22 17	2 21	8 23	2 19	9 32	1 9	5 19	2 22	9 25	0 33	14 45	1 50	23 5	12 55	23 29	23 28	14 24	1 11	4 24
T 29	22 48	21 13	3 6	25 8	1 49	22 0	2 19	8 14	2 20	9 35	1 10	5 19	2 22	9 26	0 33	14 45	1 50	23 4	12 55	23 29	23 28	14 21	1 13	4 24
F 30	22s54	17s51	4s 3	25s16	1s53	21s43	2s17	8n 6	2n21	9s39	1n10	5s18	2s22	9s27	0n33	14n44	1s50	23s 4	12s54	23n29	23n28	14n19	1s15	4s25

ASTRODIENST EPHEMERIS for the year 1554

geocentric

DECEMBER 1554 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	5 16 12	18°30'07	6°51	26°7	4°20	15°24	28°2	22°10	25°46	15°R23	1°15	2°24	2°57	3°54	23°1	S 1
S 2	5 20 9	19°31'13	21° 2	27°42	5°28	15°48	28°12	22°12	25°49	15°R22	1°16	2°R25	2°54	4° 1	23° 4	S 2
M 3	5 24 5	20°32'19	5°7	29°17	6°35	16°12	28°22	22°13	25°52	15°21	1°17	2°24	2°51	4° 8	23° 7	M 3
T 4	5 28 2	21°33'26	19° 4	0°52	7°42	16°35	28°32	22°15	25°54	15°19	1°17	2°23	2°48	4°14	23°10	T 4
W 5	5 31 58	22°34'33	2°51	2°27	8°49	16°58	28°43	22°17	25°57	15°18	1°18	2°22	2°44	4°21	23°13	W 5
T 6	5 35 55	23°35'40	16°27	4° 3	9°55	17°21	28°53	22°19	25°59	15°17	1°19	2°21	2°41	4°28	23°16	T 6
F 7	5 39 51	24°36'47	29°51	5°38	11° 2	17°44	29° 2	22°22	26° 2	15°16	1°20	2°20	2°38	4°34	23°19	F 7
S 8	5 43 48	25°37'55	13°11	7°13	12° 8	18° 6	29°12	22°24	26° 4	15°14	1°21	2°19	2°35	4°41	23°21	S 8
S 9	5 47 45	26°39'03	25°57	8°48	13°14	18°28	29°22	22°26	26° 6	15°13	1°21	2°19	2°32	4°48	23°24	S 9
M10	5 51 41	27°40'11	8°59	10°23	14°20	18°49	29°32	22°29	26° 9	15°12	1°22	2°D19	2°29	4°55	23°26	M10
T 11	5 55 38	28°41'20	21° 6	11°58	15°25	19°10	29°41	22°32	26°11	15°11	1°23	2°19	2°25	5° 1	23°28	T 11
W12	5 59 34	29°42'29	3°12	13°32	16°30	19°31	29°50	22°34	26°13	15°10	1°24	2°19	2°22	5° 8	23°30	W12
T 13	6 3 31	0°34'38	15°25	15° 6	17°35	19°52	29°59	22°37	26°15	15° 9	1°25	2°20	2°19	5°15	23°32	T 13
F 14	6 7 27	1°44'48	27°21	16°40	18°39	20°12	0°18	22°40	26°17	15° 8	1°26	2°20	2°16	5°21	23°34	F 14
S 15	6 11 24	2°45'58	9°13	18°12	19°44	20°31	0°18	22°43	26°19	15° 7	1°27	2°R20	2°13	5°28	23°36	S 15
S 16	6 15 20	3°47'08	21° 4	19°44	20°48	20°51	0°27	22°46	26°21	15° 6	1°28	2°20	2°10	5°35	23°38	S 16
M17	6 19 17	4°48'19	3° 0	21°15	21°51	21°10	0°36	22°50	26°23	15° 5	1°29	2°D20	2° 6	5°42	23°39	M17
T 18	6 23 14	5°49'30	15° 5	22°44	22°55	21°28	0°44	22°53	26°25	15° 4	1°30	2°20	2° 3	5°48	23°41	T 18
W19	6 27 10	6°50'41	27°24	24°12	23°58	21°46	0°53	22°56	26°27	15° 3	1°31	2°20	2° 0	5°55	23°42	W19
T 20	6 31 7	7°51'52	10°10	25°38	25° 0	22° 4	1° 1	23° 0	26°29	15° 2	1°32	2°20	1°57	6° 2	23°43	T 20
F 21	6 35 3	8°53'04	22°58	27° 1	26° 3	22°21	1°10	23° 3	26°30	15° 1	1°33	2°21	1°54	6° 8	23°44	F 21
S 22	6 39 0	9°54'16	6°20	28°21	27° 5	22°38	1°18	23° 7	26°32	15° 0	1°34	2°22	1°50	6°15	23°45	S 22
S 23	6 42 56	10°55'27	20° 5	29°38	28° 6	22°54	1°26	23°11	26°34	14°59	1°35	2°22	1°47	6°22	23°46	S 23
M24	6 46 53	11°56'39	4°13	0°51	29° 7	23°10	1°34	23°15	26°35	14°59	1°36	2°R23	1°44	6°29	23°47	M24
T 25	6 50 49	12°57'50	18°40	1°59	0°8	23°26	1°42	23°19	26°37	14°58	1°38	2°22	1°41	6°35	23°47	T 25
W26	6 54 46	13°59'01	3°19	3° 1	1° 9	23°40	1°49	23°23	26°38	14°57	1°39	2°21	1°38	6°42	23°48	W26
T 27	6 58 43	15° 0'12	18° 5	3°58	2° 8	23°55	1°57	23°27	26°40	14°57	1°40	2°20	1°35	6°49	23°48	T 27
F 28	7 2 39	16° 1'22	2°49	4°47	3° 8	24° 9	2° 4	23°31	26°41	14°56	1°41	2°18	1°31	6°55	23°48	F 28
S 29	7 6 36	17° 2'31	17°25	5°28	4° 7	24°22	2°12	23°36	26°43	14°55	1°42	2°16	1°28	7° 2	23°R48	S 29
S 30	7 10 32	18° 3'40	1°49	6° 1	5° 5	24°35	2°19	23°40	26°44	14°55	1°44	2°15	1°25	7° 9	23°48	S 30
M31	7 14 29	19° 4'47	15°56	6°23	6°8	24°47	2°26	23°44	26°45	14°54	1°45	2°D14	1°22	7°15	23°48	M31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl
S 1	23s 0	13s26	4s46	25s23	1s56	21s25	2s16	7n57	2n23	9s43	1n10	5s17	2s22	9s28	0n33	14n44
S 2	23 5	8 19	5 10	25 28	1 59	21 7	2 14	7 49	2 24	9 46	1 10	5 16	2 21	9 29	0 34	14 44
M 3	23 10	2 48	5 16	25 32	2 2	20 48	2 12	7 41	2 25	9 50	1 10	5 15	2 21	9 30	0 34	14 43
T 4	23 14	2n48	5 3	25 34	2 5	20 28	2 9	7 33	2 26	9 53	1 10	5 14	2 21	9 31	0 34	14 43
W 5	23 17	8 13	4 33	25 35	2 7	20 8	2 7	7 25	2 28	9 57	1 10	5 13	2 21	9 31	0 34	14 43
T 6	23 20	13 10	3 48	25 35	2 9	19 48	2 4	7 18	2 29	10 0	1 10	5 12	2 21	9 32	0 34	14 42
F 7	23 23	17 23	2 50	25 33	2 10	19 27	2 2	7 10	2 30	10 4	1 11	5 11	2 20	9 33	0 34	14 42
S 8	23 25	20 41	1 45	25 29	2 11	19 6	1 59	7 2	2 32	10 7	1 11	5 10	2 20	9 34	0 34	14 42
S 9	23 27	22 51	0 35	25 24	2 12	18 44	1 56	6 55	2 33	10 10	1 11	5 9	2 20	9 35	0 34	14 41
M10	23 29	23 48	0n35	25 17	2 12	18 22	1 53	6 48	2 34	10 13	1 11	5 8	2 20	9 36	0 34	14 41
T 11	23 29	23 31	1 42	25 8	2 11	18 0	1 50	6 41	2 36	10 17	1 11	5 6	2 19	9 36	0 34	14 41
W12	23 30	22 7	2 44	24 58	2 10	17 37	1 46	6 34	2 37	10 20	1 11	5 5	2 19	9 37	0 34	14 40
T 13	23 30	19 42	3 37	24 46	2 9	17 14	1 43	6 27	2 38	10 23	1 11	5 4	2 19	9 38	0 34	14 40
F 14	23 29	16 29	4 20	24 33	2 7	16 50	1 39	6 20	2 40	10 26	1 12	5 2	2 19	9 39	0 34	14 40
S 15	23 28	12 38	4 52	24 18	2 4	16 26	1 35	6 14	2 41	10 29	1 12	5 1	2 19	9 39	0 34	14 40
S 16	23 27	8 19	5 11	24 2	2 1	16 2	1 31	6 7	2 42	10 32	1 12	5 0	2 18	9 40	0 34	14 39
M17	23 25	3 39	5 17	23 44	1 57	15 38	1 27	6 1	2 44	10 35	1 12	4 58	2 18	9 41	0 34	14 39
T 18	23 22	1s12	5 10	23 25	1 52	15 13	1 23	5 55	2 45	10 38	1 12	4 57	2 18	9 42	0 34	14 39
W19	23 19	6 6	4 48	23 5	1 47	14 48	1 18	5 49	2 47	10 41	1 12	4 55	2 18	9 42	0 34	14 39
T 20	23 16	10 52	4 11	22 43	1 40	14 22	1 14	5 44	2 48	10 43	1 13	4 53	2 18	9 43	0 34	14 38
F 21	23 12	15 18	3 22	22 20	1 33	13 57	1 9	5 38	2 49	10 46	1 13	4 52	2 17	9 43	0 34	14 38
S 22	23 8	19 8	2 20	21 56	1 25	13 31	1 4	5 33	2 51	10 49	1 13	4 50	2 17	9 44	0 34	14 38
S 23	23 3	22 0	1 8	21 31	1 16	13 5	0 59	5 28	2 52	10 52	1 13	4 49	2 17	9 45	0 34	14 38
M24	22 58	23 36	0s10	21 5	1 6	12 38	0 54	5 23	2 54	10 54	1 13	4 47	2 17	9 45	0 34	14 38
T 25	22 52	23 40	1 29	20 39	0 55	12 12	0 48	5 18	2 55	10 57	1 13	4 45	2 17	9 46	0 34	14 38
W26	22 46	22 6	2 43	20 13	0 43	11 45	0 43	5 13	2 57	10 59	1 14	4 43	2 16	9 46	0 34	14 37
T 27	22 39	19 2	3 47	19 47	0 30	11 19	0 37	5 9	2 58	11 2	1 14	4 41	2 16	9 47	0 34	14 37
F 28	22 32	14 46	4 35	19 22	0 15	10 52	0 31	5 5	3 0	11 4	1 14	4 40	2 16	9 47	0 34	14 37
S 29	22 24	9 40	5 6	18 57	0 0	10 25	0 25	5 1	3 1	11 6	1 14	4 38	2 16	9 48	0 34	14 37
S 30	22 17	4 6	5 16	18 33	0n16	9 57	0 19	4 57	3 3	11 9	1 14	4 36	2 16	9 48	0 34	14 37
M31	22s 8	1n33	5s 7	18s11	0n33	9s30	0s12	4n54	3n 4	11s11	1n14	4s34	2s15	9s48	0n34	14n37

Julian Day Number = 2288990.5, Delta T = 169.29 sec

Ecliptic obliquity = 23°29'49, Nutation = - 0°00'17, out-of-bounds declination in red

Ayanamsha: Fagan/Bradley = 18°31'46, Lahiri = 17°38'47 Julian Calendar 1 Dec. 1554 == Greg. Calendar 11 Dec. 1554