



Astrodienst Ephemeris Tables for the year 1529

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 D5EPH

ASTRODIENST EPHEMERIS for the year 1529

geocentric

JANUARY 1529 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	7 19 38	20°25'03	0°40	29°R 2	10°48 7	19°M 2	24°R29	7°44	22°R11	17°K 0	24°Z 5	25°R12	24°M10	29°M40	16°K45	F 1
S 2	7 23 34	21°26'08	12°30	28°Z 1	11°22	19°40	24°Q24	7°44	22°II 9	17° 2	24° 7	25°M10	24° 7	29°46	16°48	S 2
S 3	7 27 31	22°27'14	24°22	26°53	12°37	20°17	24°18	7°45	22° 7	17° 3	24° 9	25°D 9	24° 4	29°53	16°50	S 3
M 4	7 31 28	23°28'19	6°M22	25°40	13°52	20°55	24°12	7°45	22° 4	17° 5	24°11	25°10	24° 1	29°59	16°53	M 4
T 5	7 35 24	24°29'24	18°34	24°23	15° 6	21°33	24° 6	7°46	22° 2	17° 6	24°12	25°11	23°58	0°46	16°56	T 5
W 6	7 39 21	25°30'28	1°X 5	23° 6	16°21	22°10	24° 0	7°46	22° 0	17° 8	24°14	25°R11	23°55	0°13	16°58	W 6
T 7	7 43 17	26°31'31	13°58	21°50	17°36	22°48	23°54	7°47	21°58	17° 9	24°16	25° 9	23°51	0°20	17° 1	T 7
F 8	7 47 14	27°32'35	27°15	20°38	18°51	23°26	23°47	7°48	21°56	17°11	24°18	25° 5	23°48	0°27	17° 4	F 8
S 9	7 51 10	28°33'37	10°Z58	19°32	20° 6	24° 3	23°41	7°49	21°54	17°13	24°20	24°58	23°45	0°33	17° 6	S 9
S 10	7 55 7	29°34'39	25° 4	18°32	21°21	24°41	23°34	7°50	21°53	17°14	24°22	24°49	23°42	0°40	17° 9	S 10
M 11	7 59 3	0°35'39	9°30	17°40	22°35	25°18	23°27	7°52	21°51	17°16	24°24	24°38	23°39	0°47	17°12	M 11
T 12	8 3 0	1°36'39	24° 8	16°56	23°50	25°56	23°21	7°53	21°49	17°18	24°26	24°27	23°36	0°53	17°15	T 12
W 13	8 6 57	2°37'38	8°H50	16°21	25° 5	26°33	23°14	7°55	21°47	17°19	24°28	24°17	23°32	1° 0	17°18	W 13
T 14	8 10 53	3°38'35	23°30	15°55	26°20	27°11	23° 7	7°56	21°45	17°21	24°30	24°10	23°29	1° 7	17°21	T 14
F 15	8 14 50	4°39'31	8°Y 0	15°38	27°34	27°48	23° 0	7°58	21°44	17°23	24°32	24° 4	23°26	1°13	17°24	F 15
S 16	8 18 46	5°40'26	22°17	15°29	28°49	28°26	22°52	8° 0	21°42	17°25	24°34	24° 2	23°23	1°20	17°27	S 16
S 17	8 22 43	6°41'19	6°B18	15°D28	0°K 4	29° 3	22°45	8° 2	21°40	17°27	24°36	24°D 1	23°20	1°27	17°30	S 17
M 18	8 26 39	7°42'11	20° 4	15°34	1°18	29°41	22°38	8° 4	21°39	17°28	24°38	24°R 1	23°16	1°34	17°33	M 18
T 19	8 30 36	8°43'02	3°II36	15°47	2°33	0°X18	22°30	8° 6	21°37	17°30	24°39	24° 1	23°13	1°40	17°36	T 19
W 20	8 34 32	9°43'51	16°54	16° 7	3°47	0°55	22°23	8° 8	21°36	17°32	24°41	23°59	23°10	1°47	17°39	W 20
T 21	8 38 29	10°44'38	0°G 1	16°33	5° 2	1°33	22°15	8°10	21°34	17°34	24°43	23°54	23° 7	1°54	17°42	T 21
F 22	8 42 26	11°45'25	12°56	17° 4	6°16	2°10	22° 7	8°13	21°33	17°36	24°45	23°47	23° 4	2° 0	17°45	F 22
S 23	8 46 22	12°46'09	25°41	17°40	7°31	2°47	22° 0	8°15	21°32	17°38	24°47	23°36	23° 1	2° 7	17°49	S 23
S 24	8 50 19	13°46'53	8°Q16	18°20	8°45	3°25	21°52	8°18	21°30	17°40	24°49	23°23	22°57	2°14	17°52	S 24
M 25	8 54 15	14°47'34	20°40	19° 5	9°59	4° 2	21°44	8°21	21°29	17°42	24°51	23° 9	22°54	2°20	17°55	M 25
T 26	8 58 12	15°48'15	2°M54	19°54	11°14	4°39	21°36	8°24	21°28	17°44	24°53	22°55	22°51	2°27	17°58	T 26
W 27	9 2 8	16°48'54	14°58	20°46	12°28	5°16	21°28	8°27	21°27	17°46	24°54	22°42	22°48	2°34	18° 2	W 27
T 28	9 6 5	17°49'32	26°55	21°41	13°42	5°53	21°20	8°30	21°26	17°48	24°56	22°31	22°45	2°40	18° 5	T 28
F 29	9 10 1	18°50'08	8°A46	22°40	14°56	6°30	21°13	8°33	21°25	17°50	24°58	22°22	22°42	2°47	18° 8	F 29
S 30	9 13 58	19°50'44	20°34	23°41	16°10	7° 8	21° 5	8°36	21°23	17°52	25° 0	22°17	22°38	2°54	18°12	S 30
S 31	9 17 55	20°51'18	2°M24	24°Z44	17°K24	7°X45	20°Q57	8°B40	21°II23	17°K54	25°Z 2	22°M14	22°M35	3°A 1	18°K15	S 31

Delta T = 226.73 sec

Julian Calendar 1 Jan. 1529 == Greg. Calendar 11 Jan. 1529

FEBRUARY 1529 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	9 21 51	21°51'50	14°M21	25°Z50	18°K39	8°X22	20°R49	8°B43	21°R22	17°K56	25°Z 3	22°R14	22°M32	3°A 7	18°K19	M 1
T 2	9 25 48	22°52'22	26°31	26°58	19°53	8°59	20°Q41	8°47	21°II21	17°58	25° 5	22°M13	22°29	3°14	18°22	T 2
W 3	9 29 44	23°52'52	8°X58	28° 8	21° 7	9°36	20°33	8°50	21°20	18° 0	25° 7	22°13	22°26	3°21	18°26	W 3
T 4	9 33 41	24°53'21	21°48	29°21	22°21	10°13	20°25	8°54	21°19	18° 2	25° 9	22°11	22°22	3°27	18°29	T 4
F 5	9 37 37	25°53'48	5°Z 4	0°A34	23°34	10°50	20°17	8°58	21°18	18° 5	25°10	22° 7	22°19	3°34	18°33	F 5
S 6	9 41 34	26°54'15	18°50	1°50	24°48	11°26	20° 9	9° 2	21°18	18° 7	25°12	21°59	22°16	3°41	18°36	S 6
S 7	9 45 30	27°54'39	3°A 5	3° 7	26° 2	12° 3	20° 2	9° 6	21°17	18° 9	25°14	21°50	22°13	3°47	18°40	S 7
M 8	9 49 27	28°55'02	17°44	4°26	27°16	12°40	19°54	9°10	21°17	18°11	25°15	21°38	22°10	3°54	18°44	M 8
T 9	9 53 24	29°55'23	2°K42	5°46	28°30	13°17	19°46	9°14	21°16	18°13	25°17	21°27	22° 7	4° 1	18°47	T 9
W 10	9 57 20	0°K55'43	17°48	7° 8	29°43	13°54	19°38	9°19	21°16	18°15	25°19	21°16	22° 3	4° 7	18°51	W 10
T 11	10 1 17	1°56'00	2°Y52	8°30	0°Y57	14°30	19°31	9°23	21°15	18°18	25°20	21° 7	22° 0	4°14	18°54	T 11
F 12	10 5 13	2°56'16	17°45	9°55	2°11	15° 7	19°23	9°28	21°15	18°20	25°22	21° 1	21°57	4°21	18°58	F 12
S 13	10 9 10	3°56'30	2°B20	11°20	3°24	15°43	19°16	9°32	21°15	18°22	25°24	20°57	21°54	4°27	19° 2	S 13
S 14	10 13 6	4°56'41	16°34	12°47	4°38	16°20	19° 8	9°37	21°14	18°24	25°25	20°D56	21°51	4°34	19° 5	S 14
M 15	10 17 3	5°56'51	0°II24	14°15	5°51	16°56	19° 1	9°42	21°14	18°26	25°27	20°R56	21°48	4°41	19° 9	M 15
T 16	10 20 59	6°56'58	13°54	15°44	7° 4	17°33	18°54	9°46	21°14	18°29	25°28	20°56	21°44	4°48	19°13	T 16
W 17	10 24 56	7°57'04	27° 4	17°14	8°18	18° 9	18°47	9°51	21°14	18°31	25°30	20°55	21°41	4°54	19°17	W 17
T 18	10 28 53	8°57'07	9°G57	18°46	9°31	18°46	18°40	9°56	21°D14	18°33	25°31	20°51	21°38	5° 1	19°20	T 18
F 19	10 32 49	9°57'08	22°37	20°18	10°44	19°22	18°33	10° 1	21°14	18°35	25°33	20°44	21°35	5° 8	19°24	F 19
S 20	10 36 46	10°57'06	5°Q 5	21°52	11°57	19°58	18°26	10° 7	21°14	18°38	25°34	20°35	21°32	5°14	19°28	S 20
S 21	10 40 42	11°57'03	17°24	23°27	13°10	20°34	18°19	10°12	21°14	18°40	25°36	20°24	21°28	5°21	19°32	S 21
M 22	10 44 39	12°56'57	29°35	25° 3	14°23	21°11	18°12	10°17	21°14	18°42	25°37	20°11	21°25	5°28	19°35	M 22
T 23	10 48 35	13°56'50	11°M38	26°40	15°36	21°47	18° 6	10°22	21°15	18°44	25°39	19°58	21°22	5°34	19°39	T 23
W 24	10 52 32	14°56'40	23°35	28°18	16°49	22°23	17°59	10°28	21°15	18°47	25°40	19°46	21°19	5°41	19°43	W 24
T 25	10 56 28	15°56'29	5°A27	29°58	18° 2	22°59	17°53	10°33	21°15	18°49	25°41	19°36	21°16	5°48	19°47	T 25
F 26	11 0 25	16°56'16	17°16	1°K39	19°15	23°35	17°47	10°39	21°16	18°51	25°43	19°29	21°13	5°54	19°50	F 26
S 27	11 4 21	17°56'01	29° 5	3°21	20°27	24°11	17°41	10°45	21°16	18°54	25°44	19°24	21° 9	6° 1	19°54	S 27
S 28	11 8 18	18°55'44	10°M56	5°K 4	21°Y40	24°X46	17°Q35	10°B50	21°II17	18°K56	25°Z45	19°M22	21°M 6	6°A 8	19°K58	S 28

Delta T = 226.54 sec

Julian Calendar

ASTRODIENST EPHEMERIS for the year 1529

geocentric

MARCH 1529 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	11 12 15	19°55'25	22°15'54	6°48'48	22°52'52	25°27'22	17°R29	10°8'56	21°11'17	18°18'58	25°23'47	19°D21	21°11'3	6°14'14	20°18'2	M 1
T 2	11 16 11	20°55'04	5°27'3	8°34'24	24°5'25	25°58'17	17°Q24	11°2'21	21°18'19	19°0'25	25°48'19	19°M22	21°0'6	6°21'20	20°5'2	T 2
W 3	11 20 8	21°54'42	17°27'10	10°20'25	25°17'26	26°34'17	17°18'11	8'21	21°18'19	19°3'25	25°49'19	19°R23	20°57'6	6°28'20	20°9'3	W 3
T 4	11 24 4	22°54'18	0°23'13	12°8'26	26°30'27	9'17	17°13'11	14'21	21°19'19	5'25	25°50'19	20°23'19	20°53'6	6°34'20	20°13'1	T 4
F 5	11 28 1	23°53'52	13°24'13	13°58'27	27°42'27	45'17	8'11	20'21	21°20'19	7'25	25°52'19	20°21'20	20°50'6	6°41'20	20°17'1	F 5
S 6	11 31 57	24°53'25	27°3'15	15°48'28	28°54'28	20'17	3'11	26'21	21°21'19	9'25	25°53'19	20°17'20	20°47'6	6°48'20	20°21'1	S 6
S 7	11 35 54	25°52'56	11°22'12	17°40'08	6'28	56'16	58'11	32'21	21°22'19	12'25	25°54'19	20°11'20	20°44'6	6°55'20	20°24'1	S 7
M 8	11 39 50	26°52'24	25°49'19	33'19	18'29	31'16	53'11	39'21	21°23'19	14'25	25°55'19	20°3'20	20°41'7	7°1'20	20°28'1	M 8
T 9	11 43 47	27°51'51	10°49'21	28'23	30'08	6'16	49'11	45'21	21°24'19	16'25	25°56'18	20°55'20	20°38'7	7°8'20	20°32'1	T 9
W10	11 47 44	28°51'16	26°2'23	23'34	2'04	16'44	11'51	25'21	21°25'19	18'25	25°57'18	20°47'20	20°34'7	7°15'20	20°36'1	W10
T 11	11 51 40	29°50'39	11°18'25	20'45	16'1	40'16	11'58	26'21	21°26'19	21'25	25°58'18	20°41'20	20°31'7	7°21'20	20°39'1	T 11
F 12	11 55 37	0°50'00	26°27'27	18'6	6'1	51'16	36'12	4'21	21°27'19	23'25	25°59'18	20°37'20	20°28'7	7°28'20	20°43'1	F 12
S 13	11 59 33	1°49'18	11°20'29	18'7	17'2	26'16	32'12	11'21	21°28'19	25'26	0'18	35'20	20°25'7	7°35'20	20°47'1	S 13
S 14	12 3 30	2°48'35	25°49'19	18'8	29'3	1'16	28'12	17'21	21°29'19	27'26	1'18	D35'20	20°22'7	7°41'20	20°50'1	S 14
M15	12 7 26	3°47'49	9°53'31	19'9	40'3	36'16	25'12	24'21	21°31'19	30'26	2'18	36'20	20°19'7	7°48'20	20°54'1	M15
T 16	12 11 23	4°47'00	23°30'5	22'10	52'4	10'16	22'12	31'21	21°32'19	32'26	3'18	37'20	20°15'7	7°55'20	20°58'1	T 16
W17	12 15 19	5°46'10	6°44'7	25'12	3'4	45'16	18'12	37'21	21°33'19	34'26	4'18	R38'20	20°12'8	8°1'21	2°2'1	W17
T 18	12 19 16	6°45'17	19°35'9	28'13	14'5	19'16	16'12	44'21	21°35'19	36'26	5'18	37'20	20°9'8	8°8'21	2°5'1	T 18
F 19	12 23 13	7°44'21	2°9'11	33'11	25'5	54'16	13'12	51'21	21°36'19	38'26	6'18	34'20	20°6'8	8°15'21	2°9'1	F 19
S 20	12 27 9	8°43'23	14°29'13	37'15	36'6	28'16	10'12	58'21	21°38'19	41'26	7'18	30'20	20°3'8	8°21'21	2°13'1	S 20
S 21	12 31 6	9°42'23	26°38'15	42'16	47'7	2'16	8'13	5'21	21°39'19	43'26	7'18	24'19	19°59'8	8°28'21	2°16'1	S 21
M22	12 35 2	10°41'21	8°39'17	46'58	58'7	36'16	5'13	12'21	21°41'19	45'26	8'18	17'19	19°56'8	8°35'21	2°20'1	M22
T 23	12 38 59	11°40'16	20°34'19	50'9	9'8	10'16	3'13	19'21	21°43'19	47'26	9'18	10'19	19°53'8	8°41'21	2°23'1	T 23
W24	12 42 55	12°39'10	2°25'21	53'20	19'8	44'16	2'13	26'21	21°44'19	49'26	10'18	4'19	19°50'8	8°48'21	2°27'1	W24
T 25	12 46 52	13°38'01	14°15'23	55'21	30'9	18'16	0'13	33'21	21°46'19	51'26	10'17	58'19	19°47'8	8°55'21	2°31'1	T 25
F 26	12 50 48	14°36'50	26°5'25	55'22	40'9	51'15	58'13	40'21	21°48'19	53'26	11'17	55'19	19°44'9	9°1'21	2°34'1	F 26
S 27	12 54 45	15°35'38	7°57'27	53'23	50'10	25'15	57'13	47'21	21°50'19	56'26	12'17	53'19	19°40'9	9°8'21	2°38'1	S 27
S 28	12 58 41	16°34'23	19°54'29	50'25	1'10	58'15	56'13	54'21	21°52'19	58'26	12'17	D52'19	19°37'9	9°15'21	2°41'1	S 28
M29	13 2 38	17°33'07	1°58'18	43'26	11'13	55'15	54'14	2'21	21°54'19	20'26	13'17	53'19	19°34'9	9°21'21	2°45'1	M29
T 30	13 6 35	18°31'48	14°12'3	34'27	21'12	5'15	54'14	9'21	21°56'19	20'26	13'17	54'19	19°31'9	9°28'21	2°48'1	T 30
W31	13 10 31	19°30'29	26°40'5	22'28	30'12	38'15	54'14	16'21	21°58'19	20'4'26	13'17	M56'19	19°28'9	9°35'21	2°51'1	W31

Delta T = 226.36 sec

Julian Calendar 1 March 1529 == Greg. Calendar 11 March 1529

APRIL 1529 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	13 14 28	20°29'07	9°23'27	7°8'6	29°40'13	31'15	R53'15	14°23'14	22°11'0	20°18'6	26°14'17	17°M57	19°M24	9°42'14	21°18'55	T 1
F 2	13 18 24	21°27'44	22°35'8	47'0	50'13	44'15	D53'15	14°31'14	22°2'20	8'26	15'17	R58'19	19°21'9	9°48'21	2°58'1	F 2
S 3	13 22 21	22°26'19	6°22'7	10°23'15	9'15	46'14	53'15	38'14	22°4'20	10'26	15'26	17'19	19°18'9	9°55'21	2°2'1	S 3
S 4	13 26 17	23°24'52	20°5'11	56'3	8'14	49'15	53'14	46'14	22°6'20	12'26	16'17	55'19	19°15'10	10°2'22	2°5'1	S 4
M 5	13 30 14	24°23'24	4°29'13	24'4	18'15	21'15	54'14	53'14	22°8'20	14'26	16'17	53'19	19°12'10	10°8'22	2°8'1	M 5
T 6	13 34 10	25°21'53	19°16'14	47'5	27'15	53'15	54'15	1'22	22°11'20	16'26	16'17	50'19	19°9'10	10°15'22	2°12'1	T 6
W 7	13 38 7	26°20'22	4°18'16	6'6	36'16	25'15	55'15	8'15	22°13'20	18'26	17'17	47'19	19°5'10	10°22'22	2°15'1	W 7
T 8	13 42 4	27°18'48	19°29'17	20'7	45'16	57'15	56'15	16'15	22°15'20	20'26	17'17	45'19	19°2'10	10°28'22	2°18'1	T 8
F 9	13 46 0	28°17'13	4°38'18	30'8	53'17	29'15	57'15	23'22	22°18'20	22'26	17'17	43'18	18°59'10	10°35'22	2°21'1	F 9
S 10	13 49 57	29°15'36	19°35'19	34'10	2'18	1'15	58'15	31'22	22°20'20	23'26	18'17	D43'18	18°56'10	10°42'22	2°25'1	S 10
S 11	13 53 53	0°13'57	4°14'20	33'11	10'18	32'16	0'15	38'22	22°23'20	25'26	18'17	43'18	18°53'10	10°48'22	2°28'1	S 11
M12	13 57 50	1°12'16	18°28'21	27'12	19'3	2'16	2'15	46'22	22°25'20	27'26	18'17	44'18	18°50'10	10°55'22	2°31'1	M12
T 13	14 1 46	2°10'33	2°16'22	16'13	27'19	34'16	3'15	54'22	22°28'20	29'26	18'17	46'18	18°46'11	11°2'22	2°34'1	T 13
W14	14 5 43	3°8'47	15°38'23	0'14	35'20	5'16	5'16	1'22	22°30'20	31'26	18'17	47'18	18°43'11	11°8'22	2°37'1	W14
T 15	14 9 39	4°7'00	28°35'23	38'15	43'20	36'16	8'16	9'22	22°33'20	33'26	18'17	R47'18	18°40'11	11°15'22	2°40'1	T 15
F 16	14 13 36	5°5'11	11°21'24	11'16	51'21	6'16	10'16	17'22	22°36'20	34'26	18'17	47'18	18°37'11	11°22'22	2°43'1	F 16
S 17	14 17 33	6°3'19	23°29'24	39'17	58'21	37'16	13'16	24'22	22°38'20	36'26	18'17	47'18	18°34'11	11°28'22	2°46'1	S 17
S 18	14 21 29	7°1'26	5°34'25	1'19	5'22	7'16	15'16	32'22	22°41'20	38'26	18'17	46'18	18°30'11	11°35'22	2°49'1	S 18
M19	14 25 26	7°59'31	17°31'25	18'20	13'22	37'16	18'16	40'22	22°44'20	39'26	18'17	44'18	18°27'11	11°42'22	2°52'1	M19
T 20	14 29 22	8°57'34	29°22'25	29'21	20'23	6'16	21'16	47'22	22°47'20	41'26	18'17	43'18	18°24'11	11°48'22	2°55'1	T 20
W21	14 33 19	9°55'34	11°11'25	36'22	26'23	36'16	24'16	55'22	22°49'20	43'26	18'17	42'18	18°21'11	11°55'22	2°58'1	W21
T 22	14 37 15	10°53'34	23°1'25	R37'23	33'24	5'16	28'17	3'22	22°52'20	44'26	18'17	41'18	18°18'12	12°2'23	2°3'1	T 22
F 23	14 41 12	11°51'31	4°15'25	33'25	33'24	40'16	31'17	11'22	22°55'20	46'26	18'17	41'18	18°15'12	12°8'23	2°3'1	F 23
S 24	14 45 8	12°49'27	16°53'25	24'25	46'25	3'16	35'17	18'22	22°58'20	48'26	18'17	D40'18	18°11'12	12°15'23	2°6'1	S 24
S 25	14 49 5	13°47'22	29°0'25	11'26	52'25	31'16	39'17	26'23	23°1'20	49'26	18'17	40'18	18°8'12	12°22'23	2°9'1	S 25
M26	14 53 2	14°45'14	11°16'24	53'27	58'26	0'16	43'17	34'23	23°4'20	51'26	18'17	41'18	18°5'12	12°28'23	2°11'1	M26
T 27	14 56 58	15°43'06	23°44'24	32'29	3'26	28'16	47'17	42'23	23°7'20	52'26	17'17	41'18	18°2'12	12°35'23	2°14'1	T 27
W28	15 0 55	16°40'56	6°34'24	7'08	9'26	56'16	52'17	49'23	23°10'20	54'26	17'17	41'18	17°59'12	12°42'23	2°16'1	W28
T 29	15 4 51	17°38'45	19°20'23	39'1	14'27	23'16	56'17	57'23	23°13'20	55'26	17'17	R41'17	17°56'12	12°48'23	2°19'1	T 29
F 30	15 8 48	18°36'33	2°33'23	8'23	19'27	51'17	Q1'18	8'5	23°16'20	56'26	17'17	M41'17	17°52'12	12°55'23	2°21'1	F 30

Delta T = 226.17 sec

Julian Calendar

ASTRODIENST EPHEMERIS for the year 1529

geocentric

MAY 1529 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	15 12 44	19°34'19	16°55	22°R36	3°24	28°18	17°12	18°13	23°19	20°58	26°R16	17°D41	17°M49	13°2	23°24	S 1
S 2	15 16 41	20°32'05	29°56	22°2	4°29	28°44	17°11	18°21	23°22	20°59	26°16	17°M41	17°46	13°8	23°26	S 2
M 3	15 20 37	21°29'49	14°7	21°27	5°33	29°11	17°16	18°28	23°25	21°1	26°15	17°41	17°43	13°15	23°29	M 3
T 4	15 24 34	22°27'32	28°35	20°53	6°37	29°37	17°22	18°36	23°29	21°2	26°15	17°42	17°40	13°22	23°31	T 4
W 5	15 28 31	23°25'14	13°V17	20°18	7°41	0°3	17°27	18°44	23°32	21°3	26°14	17°42	17°36	13°28	23°33	W 5
T 6	15 32 27	24°22'55	28°8	19°45	8°45	0°28	17°33	18°52	23°35	21°4	26°14	17°43	17°33	13°35	23°35	T 6
F 7	15 36 24	25°20'35	13°8	19°13	9°48	0°53	17°38	18°59	23°38	21°6	26°13	17°R43	17°30	13°42	23°38	F 7
S 8	15 40 20	26°18'14	27°48	18°44	10°51	1°18	17°44	19°7	23°42	21°7	26°13	17°43	17°27	13°48	23°40	S 8
S 9	15 44 17	27°15'51	12°II21	18°16	11°54	1°43	17°51	19°15	23°45	21°8	26°12	17°42	17°24	13°55	23°42	S 9
M10	15 48 13	28°13'28	26°36	17°52	12°56	2°7	17°57	19°23	23°48	21°9	26°12	17°41	17°21	14°2	23°44	M10
T 11	15 52 10	29°11'03	10°27	17°32	13°59	2°30	18°3	19°30	23°52	21°10	26°11	17°40	17°17	14°8	23°46	T 11
W12	15 56 6	0°II8'36	23°54	17°15	15°1	2°54	18°10	19°38	23°55	21°11	26°11	17°38	17°14	14°15	23°48	W12
T 13	16 0 3	1°6'08	6°56	17°1	16°2	3°17	18°16	19°46	23°58	21°12	26°10	17°37	17°11	14°22	23°50	T 13
F 14	16 4 0	2°3'39	19°36	16°52	17°4	3°39	18°23	19°54	24°2	21°13	26°9	17°36	17°8	14°28	23°52	F 14
S 15	16 7 56	3°1'08	1°56	16°48	18°5	4°2	18°30	20°1	24°5	21°14	26°9	17°D36	17°5	14°35	23°54	S 15
S 16	16 11 53	3°58'36	14°2	16°D47	19°5	4°23	18°37	20°9	24°8	21°15	26°8	17°36	17°2	14°42	23°55	S 16
M17	16 15 49	4°56'03	25°58	16°51	20°6	4°45	18°44	20°16	24°12	21°16	26°7	17°37	16°58	14°48	23°57	M17
T 18	16 19 46	5°53'29	7°48	17°0	21°5	5°6	18°51	20°24	24°15	21°17	26°6	17°38	16°55	14°55	23°59	T 18
W19	16 23 42	6°50'53	19°38	17°13	22°5	5°26	18°59	20°32	24°19	21°18	26°5	17°40	16°52	15°2	24°0	W19
T 20	16 27 39	7°48'16	1°M30	17°31	23°4	5°46	19°6	20°39	24°22	21°19	26°5	17°41	16°49	15°8	24°2	T 20
F 21	16 31 35	8°45'39	13°29	17°53	24°3	6°6	19°14	20°47	24°26	21°20	26°4	17°R42	16°46	15°15	24°3	F 21
S 22	16 35 32	9°43'00	25°37	18°19	25°1	6°25	19°22	20°54	24°29	21°21	26°3	17°42	16°42	15°22	24°5	S 22
S 23	16 39 29	10°40'20	7°56	18°50	25°59	6°44	19°30	21°2	24°33	21°21	26°2	17°40	16°39	15°28	24°6	S 23
M24	16 43 25	11°37'40	20°29	19°25	26°57	7°2	19°38	21°9	24°36	21°22	26°1	17°38	16°36	15°35	24°8	M24
T 25	16 47 22	12°34'59	3°16	20°4	27°54	7°20	19°46	21°17	24°40	21°23	26°0	17°35	16°33	15°42	24°9	T 25
W26	16 51 18	13°32'17	16°16	20°47	28°50	7°37	19°54	21°24	24°43	21°23	25°59	17°31	16°30	15°48	24°10	W26
T 27	16 55 15	14°29'35	29°31	21°34	29°46	7°54	20°3	21°32	24°47	21°24	25°58	17°27	16°27	15°55	24°12	T 27
F 28	16 59 11	15°26'52	12°59	22°25	0°42	8°10	20°11	21°39	24°50	21°25	25°57	17°23	16°23	16°2	24°13	F 28
S 29	17 3 8	16°24'09	26°40	23°19	1°37	8°25	20°20	21°46	24°54	21°25	25°56	17°21	16°20	16°8	24°14	S 29
S 30	17 7 4	17°21'25	10°33	24°18	2°32	8°40	20°29	21°54	24°58	21°26	25°55	17°20	16°17	16°15	24°15	S 30
M31	17 11 1	18°II18'41	24°37	25°20	3°26	8°55	20°37	22°8	25°II1	21°26	25°54	17°D20	16°M14	16°22	24°16	M31

Delta T = 225.98 sec

Julian Calendar 1 May 1529 == Greg. Calendar 11 May 1529

JUNE 1529 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	17 14 58	19°II15'57	8°V51	26°B26	4°L19	9°9	20°L46	22°8	25°II5	21°27	25°R53	17°M21	16°M11	16°28	24°17	T 1
W 2	17 18 54	20°13'12	23°13	27°35	5°12	9°22	20°55	22°15	25°8	21°27	25°52	17°22	16°7	16°35	24°18	W 2
T 3	17 22 51	21°10'28	7°B39	28°48	6°4	9°35	21°4	22°23	25°12	21°28	25°51	17°23	16°4	16°42	24°19	T 3
F 4	17 26 47	22°7'43	22°7	0°II4	6°56	9°47	21°14	22°30	25°15	21°28	25°50	17°R23	16°1	16°48	24°19	F 4
S 5	17 30 44	23°4'58	6°II32	1°23	7°47	9°58	21°23	22°37	25°19	21°28	25°49	17°22	15°58	16°55	24°20	S 5
S 6	17 34 40	24°2'12	20°48	2°46	8°37	10°9	21°33	22°44	25°23	21°29	25°48	17°19	15°55	17°2	24°21	S 6
M 7	17 38 37	24°59'27	4°50	4°13	9°27	10°19	21°42	22°51	25°26	21°29	25°47	17°14	15°52	17°8	24°22	M 7
T 8	17 42 33	25°56'41	18°34	5°42	10°16	10°28	21°52	22°58	25°30	21°29	25°45	17°8	15°48	17°15	24°22	T 8
W 9	17 46 30	26°53'54	1°L57	7°15	11°4	10°37	22°1	23°5	25°33	21°29	25°44	17°2	15°45	17°22	24°23	W 9
T 10	17 50 27	27°51'07	14°58	8°51	11°51	10°44	22°11	23°12	25°37	21°30	25°43	16°56	15°42	17°28	24°23	T 10
F 11	17 54 23	28°48'20	27°39	10°30	12°38	10°52	22°21	23°19	25°41	21°30	25°42	16°51	15°39	17°35	24°24	F 11
S 12	17 58 20	29°45'32	10°II0	12°13	13°24	10°58	22°31	23°25	25°44	21°30	25°41	16°47	15°36	17°42	24°24	S 12
S 13	18 2 16	0°42'43	22°7	13°58	14°9	11°4	22°41	23°32	25°48	21°30	25°39	16°45	15°33	17°48	24°24	S 13
M14	18 6 13	1°39'54	4°3	15°46	14°52	11°9	22°51	23°39	25°51	21°30	25°38	16°D45	15°29	17°55	24°24	M14
T 15	18 10 9	2°37'05	15°53	17°38	15°35	11°14	23°2	23°46	25°55	21°R30	25°37	16°45	15°26	18°2	24°25	T 15
W16	18 14 6	3°34'16	27°43	19°32	16°17	11°17	23°12	23°52	25°59	21°30	25°35	16°47	15°23	18°8	24°25	W16
T 17	18 18 2	4°31'26	9°M38	21°28	16°58	11°20	23°23	23°59	26°2	21°30	25°34	16°48	15°20	18°15	24°25	T 17
F 18	18 21 59	5°28'36	21°41	23°27	17°38	11°22	23°33	24°5	26°6	21°30	25°33	16°R48	15°17	18°22	24°R25	F 18
S 19	18 25 56	6°25'46	3°58	25°28	18°17	11°24	23°44	24°12	26°9	21°30	25°32	16°46	15°13	18°28	24°25	S 19
S 20	18 29 52	7°22'56	16°30	27°31	18°55	11°R24	23°54	24°18	26°13	21°29	25°30	16°43	15°10	18°35	24°25	S 20
M21	18 33 49	8°20'05	29°20	29°36	19°31	11°24	24°5	24°25	26°16	21°29	25°29	16°37	15°7	18°42	24°25	M21
T 22	18 37 45	9°17'15	12°38	19°43	20°7	11°23	24°16	24°31	26°20	21°29	25°28	16°30	15°4	18°48	24°24	T 22
W23	18 41 42	10°14'25	25°52	3°50	20°41	11°22	24°27	24°37	26°23	21°29	25°26	16°21	15°1	18°55	24°24	W23
T 24	18 45 38	11°11'36	9°31	5°59	21°13	11°19	24°38	24°43	26°27	21°29	25°25	16°12	14°58	19°2	24°24	T 24
F 25	18 49 35	12°8'46	23°23	8°8	21°44	11°16	24°49	24°49	26°30	21°28	25°23	16°4	14°54	19°8	24°24	F 25
S 26	18 53 31	13°5'57	7°22	10°17	22°14	11°12	25°0	24°56	26°34	21°28	25°22	15°58	14°51	19°15	24°23	S 26
S 27	18 57 28	14°3'09	21°27	12°26	22°43	11°8	25°11	25°2	26°37	21°28	25°21	15°53	14°48	19°22	24°23	S 27
M28	19 1 25	15°0'21	5°V35	14°35	23°9	11°2	25°22	25°8	26°41	21°27	25°19	15°51	14°45	19°28	24°22	M28
T 29	19 5 21	15°57'34	19°44	16°44	23°35	10°56	25°34	25°13	26°44	21°27	25°18	15°D51	14°42	19°35	24°22	T 29
W30	19 9 18	16°54'47	3°B53	18°52	23°L58	10°49	25°L45	25°B19	26°II48	21°26	25°17	15°M52	14°M39	19°42	24°21	W30

Delta T = 225.79 sec

Julian Calendar

ASTRODIENST EPHEMERIS for the year 1529
geocentric

JULY 1529 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	19 13 14	17°52'01	18°8'0	20°59'59	24°02'20	10°R42	25°02'56	25°8'25	26°11'51	21°R26	25°R15	15°R52	14°M35	19°A48	24°R20	T 1
F 2	19 17 11	18°49'16	21°4'4	23°4'4	24°40'0	10°M33	26°8'8	25°31'0	26°55'5	21°M25	25°C14	15°M51	14°32'0	19°55'5	24°M20	F 2
S 3	19 21 7	19°46'32	16°3'3	25°9'9	24°58'0	10°24'0	26°19'0	25°36'6	26°58'8	21°25'0	25°12'0	15°48'0	14°29'0	20°2'2	24°19'0	S 3
S 4	19 25 4	20°43'48	29°54'4	27°12'0	25°15'0	10°15'0	26°31'0	25°42'0	27°1'0	21°24'0	25°11'0	15°42'0	14°26'0	20°8'8	24°18'0	S 4
M 5	19 29 1	21°41'06	13°53'5	29°14'0	25°29'0	10°4'0	26°43'0	25°47'0	27°5'0	21°23'0	25°10'0	15°33'0	14°23'0	20°15'0	24°17'0	M 5
T 6	19 32 57	22°38'23	27°2'2	1°02'14	25°42'0	9°53'0	26°55'0	25°53'0	27°8'0	21°23'0	25°8'0	15°23'0	14°19'0	20°22'0	24°16'0	T 6
W 7	19 36 54	23°35'41	10°02'12	3°13'0	25°52'0	9°42'0	27°6'0	25°58'0	27°11'0	21°22'0	25°7'0	15°12'0	14°16'0	20°28'0	24°15'0	W 7
T 8	19 40 50	24°33'00	23°5'0	5°10'0	26°1'0	9°30'0	27°18'0	26°4'0	27°15'0	21°21'0	25°5'0	15°1'0	14°13'0	20°35'0	24°14'0	T 8
F 9	19 44 47	25°30'19	5°10'40	7°5'0	26°7'0	9°17'0	27°30'0	26°9'0	27°18'0	21°21'0	25°4'0	14°51'0	14°10'0	20°42'0	24°13'0	F 9
S 10	19 48 43	26°27'39	17°58'0	8°59'0	26°11'0	9°4'0	27°42'0	26°14'0	27°21'0	21°20'0	25°2'0	14°43'0	14°7'0	20°48'0	24°12'0	S 10
S 11	19 52 40	27°24'59	0°A3'3	10°51'0	26°R12	8°50'0	27°54'0	26°19'0	27°24'0	21°19'0	25°1'0	14°37'0	14°4'0	20°55'0	24°11'0	S 11
M12	19 56 36	28°22'20	11°58'0	12°41'0	26°12'0	8°36'0	28°6'0	26°24'0	27°28'0	21°18'0	25°0'0	14°34'0	14°0'0	21°2'0	24°9'0	M12
T 13	20 0 33	29°19'41	23°48'0	14°29'0	26°9'0	8°22'0	28°18'0	26°29'0	27°31'0	21°17'0	24°58'0	14°33'0	13°57'0	21°8'0	24°8'0	T 13
W14	20 4 29	0°02'17'03	5°11'37	16°16'0	26°3'0	8°7'0	28°30'0	26°34'0	27°34'0	21°17'0	24°57'0	14°D33	13°54'0	21°15'0	24°7'0	W14
T 15	20 8 26	1°14'25	17°32'0	18°2'0	25°56'0	7°52'0	28°42'0	26°39'0	27°37'0	21°16'0	24°55'0	14°R33	13°51'0	21°21'0	24°5'0	T 15
F 16	20 12 23	2°11'48	29°37'0	19°45'0	25°45'0	7°37'0	28°55'0	26°43'0	27°40'0	21°15'0	24°54'0	14°32'0	13°48'0	21°28'0	24°4'0	F 16
S 17	20 16 19	3°9'12	11°A5'59	21°27'0	25°33'0	7°22'0	29°7'0	26°48'0	27°43'0	21°14'0	24°53'0	14°29'0	13°45'0	21°35'0	24°2'0	S 17
S 18	20 20 16	4°6'37	24°39'0	23°7'0	25°18'0	7°6'0	29°19'0	26°52'0	27°46'0	21°13'0	24°51'0	14°24'0	13°41'0	21°41'0	24°1'0	S 18
M19	20 24 12	5°4'02	7°C4'1	24°46'0	25°1'0	6°50'0	29°32'0	26°57'0	27°49'0	21°12'0	24°50'0	14°17'0	13°38'0	21°48'0	23°59'0	M19
T 20	20 28 9	6°1'28	21°7'0	26°23'0	24°41'0	6°34'0	29°44'0	27°1'0	27°52'0	21°11'0	24°48'0	14°7'0	13°35'0	21°55'0	23°58'0	T 20
W21	20 32 5	6°58'55	4°A5'3	27°58'0	24°19'0	6°18'0	29°56'0	27°5'0	27°55'0	21°10'0	24°47'0	13°55'0	13°32'0	22°1'0	23°56'0	W21
T 22	20 36 2	7°56'23	18°58'0	29°32'0	23°55'0	6°2'0	0°10'9	27°10'0	27°58'0	21°9'0	24°46'0	13°44'0	13°29'0	22°8'0	23°54'0	T 22
F 23	20 39 59	8°53'53	3°K1'6	1°10'4	23°29'0	5°46'0	0°21'0	27°14'0	28°1'0	21°8'0	24°44'0	13°33'0	13°25'0	22°15'0	23°52'0	F 23
S 24	20 43 55	9°51'23	17°40'0	2°34'0	23°1'0	5°31'0	0°34'0	27°18'0	28°4'0	21°6'0	24°43'0	13°24'0	13°22'0	22°21'0	23°51'0	S 24
S 25	20 47 52	10°48'55	2°Y6'3	4°3'0	22°32'0	5°15'0	0°46'0	27°22'0	28°7'0	21°5'0	24°42'0	13°18'0	13°19'0	22°28'0	23°49'0	S 25
M26	20 51 48	11°46'28	16°28'0	5°30'0	22°0'0	4°59'0	0°59'0	27°26'0	28°10'0	21°4'0	24°40'0	13°15'0	13°16'0	22°35'0	23°47'0	M26
T 27	20 55 45	12°44'02	0°B4'3	6°55'0	21°27'0	4°44'0	1°12'0	27°29'0	28°13'0	21°3'0	24°39'0	13°13'0	13°13'0	22°41'0	23°45'0	T 27
W28	20 59 41	13°41'38	14°50'0	8°19'0	20°53'0	4°29'0	1°24'0	27°33'0	28°15'0	21°2'0	24°38'0	13°13'0	13°10'0	22°48'0	23°43'0	W28
T 29	21 3 38	14°39'16	28°47'0	9°41'0	20°18'0	4°14'0	1°37'0	27°37'0	28°18'0	21°0'0	24°36'0	13°13'0	13°6'0	22°55'0	23°41'0	T 29
F 30	21 7 34	15°36'56	12°H3'4	11°1'0	19°42'0	4°0'0	1°50'0	27°40'0	28°21'0	20°59'0	24°35'0	13°11'0	13°3'0	23°1'0	23°39'0	F 30
S 31	21 11 31	16°03'47	26°H1'2	12°10'19	19°02'6	3°A4'6	2°10'3	27°B4'3	28°H2'4	20°H5'8	24°C3'4	13°M7'0	13°M0'0	23°A8'8	23°H3'7	S 31

Delta T = 225.60 sec Julian Calendar 1 July 1529 == Greg. Calendar 11 July 1529

AUGUST 1529 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day	
S 1	21 15 27	17♂32°19	9♂40	13♂36	18°R29	3°R32	2♂15	27♂47	28♂26	20°R57	24°R32	13°R 0	12♂57	23♂15	23°R35	S 1	
M 2	21 19 24	18°30'03	22°57	14°50	17♂51	3♂19	2°28	27°50	28°29	20♂55	24♂31	12♂51	12°54	23°21	23♂33	M 2	
T 3	21 23 21	19°27'49	6♂2	16°3	17°14	3°7	2°41	27°53	28°31	20°54	24°30	12°39	12°51	23°28	23°30	T 3	
W 4	21 27 17	20°25'36	18°54	17°13	16°38	2°55	2°54	27°56	28°34	20°53	24°29	12°26	12°47	23°35	23°28	W 4	
T 5	21 31 14	21°23'24	1♂32	18°21	16°1	2°43	3°7	27°59	28°37	20°51	24°27	12°13	12°44	23°41	23°26	T 5	
F 6	21 35 10	22°21'14	13°57	19°27	15°26	2°32	3°19	28°2	28°39	20°50	24°26	12°1	12°41	23°48	23°24	F 6	
S 7	21 39 7	23°19'05	26°8	20°31	14°51	2°22	3°32	28°5	28°41	20°48	24°25	11°52	12°38	23°55	23°21	S 7	
S 8	21 43 3	24°16'57	8♂8	21°33	14°18	2°13	3°45	28°7	28°44	20°47	24°24	11°45	12°35	24°1	23°19	S 8	
M 9	21 47 0	25°14'51	20°0	22°31	13°46	2°4	3°58	28°10	28°46	20°45	24°23	11°41	12°31	24°8	23°16	M 9	
T 10	21 50 56	26°12'46	1♂47	23°27	13°15	1°56	4°11	28°12	28°48	20°44	24°21	11°39	12°28	24°14	23°14	T 10	
W11	21 54 53	27°10'42	13°35	24°20	12°47	1°48	4°24	28°14	28°51	20°43	24°20	11°D38	12°25	24°21	23°11	W11	
T 12	21 58 50	28°8'40	25°29	25°10	12°20	1°42	4°37	28°17	28°53	20°41	24°19	11°R39	12°22	24°28	23°9	T 12	
F 13	22 2 46	29°6'39	7♂33	25°57	11°55	1°36	4°50	28°19	28°55	20°40	24°18	11°38	12°19	24°34	23°6	F 13	
S 14	22 6 43	0♂4'40	19°54	26°40	11°32	1°31	5°3	28°21	28°57	20°38	24°17	11°37	12°16	24°41	23°4	S 14	
S 15	22 10 39	1°2'42	2♂36	27°20	11°12	1°26	5°16	28°23	28°59	20°36	24°16	11°33	12°12	24°48	23°1	S 15	
M16	22 14 36	2°0'45	15°43	27°55	10°53	1°23	5°29	28°24	29°1	20°35	24°15	11°27	12°9	24°54	22°59	M16	
T 17	22 18 32	2°58'50	29°17	28°27	10°37	1°20	5°42	28°26	29°3	20°33	24°14	11°18	12°6	25°1	22°56	T 17	
W18	22 22 29	3°56'56	13♂17	28°54	10°24	1°18	5°55	28°28	29°5	20°32	24°13	11°8	12°3	25°8	22°54	W18	
T 19	22 26 25	4°55'04	27°40	29°16	10°13	1°17	6°8	28°29	29°7	20°30	24°12	10°58	12°0	25°14	22°51	T 19	
F 20	22 30 22	5°53'14	12♂19	29°33	10°4	1°D17	6°21	28°31	29°9	20°29	24°11	10°48	11°56	25°21	22°48	F 20	
S 21	22 34 19	6°51'25	27°8	29°45	9°57	1°17	6°34	28°32	29°11	20°27	24°10	10°41	11°53	25°28	22°45	S 21	
S 22	22 38 15	7°49'38	11♂58	29°52	9°54	1°19	6°47	28°33	29°13	20°25	24°9	10°35	11°50	25°34	22°43	S 22	
M23	22 42 12	8°47'53	26°42	29°R52	9°D52	1°21	7°0	28°34	29°15	20°24	24°8	10°32	11°47	25°41	22°40	M23	
T 24	22 46 8	9°46'11	11♂13	29°46	9°53	1°24	7°13	28°35	29°16	20°22	24°7	10°D32	11°44	25°48	22°37	T 24	
W25	22 50 5	10°44'30	25°29	29°34	9°56	1°27	7°26	28°36	29°18	20°21	24°6	10°32	11°41	25°54	22°35	W25	
T 26	22 54 1	11°42'52	9♂28	29°15	10°1	1°32	7°39	28°37	29°20	20°19	24°5	10°R33	11°37	26°1	22°32	T 26	
F 27	22 57 58	12°41'16	23°10	28°49	10°9	1°37	7°52	28°37	29°21	20°17	24°4	10°32	11°34	26°8	22°29	F 27	
S 28	23 1 54	13°39'42	6♂36	28°17	10°19	1°43	8°5	28°38	29°23	20°16	24°4	10°30	11°31	26°14	22°26	S 28	
S 29	23 5 51	14°38'10	19°47	27°38	10°31	1°50	8°18	28°38	29°24	20°14	24°3	10°25	11°28	26°21	22°23	S 29	
M30	23 9 48	15°36'40	2°0	22°45	26°53	10°45	1°58	8°31	28°38	29°26	20°12	24°2	10°18	11°25	26°27	22°21	M30
T 31	23 13 44	16♂35'13	15♂30	26♂3	11♂1	2♂6	8♂44	28♂39	29♂27	20♂11	24♂1	10♂9	11♂22	26♂34	22♂18	T 31	

ASTRODIENST EPHEMERIS for the year 1529

geocentric

SEPTEMBER 1529 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	23 17 41	17 ^h 33'47"	28 ^h 03'	25°R 7	11 ^h 01'19"	2 ^h 15'	8 ^h 57'	28°R39	29 ^h 12'28"	20°R 9	24°R 1	10°R 0	11 ^h 18'	26 ^h 41'	22°R15	W 1
T 2	23 21 37	18°32'24"	10 ^h 25'	24 ^h 07'	11°39'	2°25'	9°10'	28 ^h 39'	29°30'	20 ^h 7'	24 ^h 0'	9 ^h 50'	11°15'	26°47'	22 ^h 12'	T 2
F 3	23 25 34	19°31'02"	22°36'	23° 4	12° 1	2°36'	9°23'	28°38'	29°31'	20° 6	23°59'	9°41'	11°12'	26°54'	22° 9	F 3
S 4	23 29 30	20°29'42"	4 ^h 38'	22° 0	12°25'	2°47'	9°35'	28°38'	29°32'	20° 4	23°59'	9°34'	11° 9	27° 1	22° 6	S 4
S 5	23 33 27	21°28'24"	16°32'	20°56'	12°50'	2°59'	9°48'	28°38'	29°33'	20° 2	23°58'	9°29'	11° 6	27° 7	22° 3	S 5
M 6	23 37 23	22°27'09"	28°20'	19°53'	13°17'	3°12'	10° 1	28°37'	29°34'	20° 1	23°57'	9°26'	11° 2	27°14'	22° 1	M 6
T 7	23 41 20	23°25'55"	10 ^h 06'	18°53'	13°45'	3°25'	10°14'	28°37'	29°35'	19°59'	23°57'	9°D26	10°59'	27°21'	21°58'	T 7
W 8	23 45 16	24°24'43"	21°53'	17°58'	14°15'	3°39'	10°27'	28°36'	29°36'	19°57'	23°56'	9°26'	10°56'	27°27'	21°55'	W 8
T 9	23 49 13	25°23'32"	3 ^h 46'	17° 9	14°47'	3°54'	10°40'	28°35'	29°37'	19°56'	23°56'	9°28'	10°53'	27°34'	21°52'	T 9
F 10	23 53 10	26°22'24"	15°49'	16°27'	15°20'	4°10'	10°52'	28°34'	29°38'	19°54'	23°55'	9°29'	10°50'	27°41'	21°49'	F 10
S 11	23 57 6	27°21'17"	28° 7	15°54'	15°54'	4°26'	11° 5	28°33'	29°39'	19°52'	23°55'	9°R30	10°47'	27°47'	21°46'	S 11
S 12	0 1 3	28°20'12"	10 ^h 34'	15°30'	16°30'	4°43'	11°18'	28°32'	29°40'	19°51'	23°54'	9°29'	10°43'	27°54'	21°44'	S 12
M13	0 4 59	29°19'09"	23°50'	15°16'	17° 7	5° 0	11°31'	28°31'	29°40'	19°49'	23°54'	9°26'	10°40'	28° 1	21°41'	M13
T 14	0 8 56	0 ^h 18'07"	7 ^h 21'	15°D13	17°45'	5°18'	11°43'	28°30'	29°41'	19°48'	23°54'	9°22'	10°37'	28° 7	21°38'	T 14
W15	0 12 52	1°17'08"	21°21'	15°19'	18°24'	5°36'	11°56'	28°28'	29°42'	19°46'	23°53'	9°17'	10°34'	28°14'	21°35'	W15
T 16	0 16 49	2°16'10"	5 ^h 48'	15°36'	19° 5	5°56'	12° 9	28°27'	29°42'	19°44'	23°53'	9°11'	10°31'	28°21'	21°32'	T 16
F 17	0 20 45	3°15'14"	20°37'	16° 3	19°46'	6°15'	12°21'	28°25'	29°43'	19°43'	23°53'	9° 6	10°28'	28°27'	21°30'	F 17
S 18	0 24 42	4°14'20"	5 ^h 41'	16°39'	20°29'	6°36'	12°34'	28°23'	29°43'	19°41'	23°52'	9° 1	10°24'	28°34'	21°27'	S 18
S 19	0 28 39	5°13'28"	20°49'	17°24'	21°13'	6°56'	12°46'	28°21'	29°44'	19°40'	23°52'	8°59'	10°21'	28°40'	21°24'	S 19
M20	0 32 35	6°12'38"	5 ^h 54'	18°18'	21°57'	7°18'	12°59'	28°19'	29°44'	19°38'	23°52'	8°D58	10°18'	28°47'	21°21'	M20
T 21	0 36 32	7°11'50"	20°45'	19°19'	22°43'	7°39'	13°11'	28°17'	29°44'	19°36'	23°52'	8°58'	10°15'	28°54'	21°19'	T 21
W22	0 40 28	8°11'05"	5 ^h 19'	20°26'	23°30'	8° 2	13°23'	28°15'	29°45'	19°35'	23°51'	8°59'	10°12'	29° 0	21°16'	W22
T 23	0 44 25	9°10'23"	19°30'	21°40'	24°17'	8°24'	13°36'	28°13'	29°45'	19°33'	23°51'	9° 1	10° 8	29° 7	21°13'	T 23
F 24	0 48 21	10° 9'42"	3 ^h 17'	22°59'	25° 6	8°48'	13°48'	28°10'	29°45'	19°32'	23°51'	9° 2	10° 5	29°14'	21°11'	F 24
S 25	0 52 18	11° 9'04"	16°42'	24°22'	25°55'	9°11'	14° 0	28° 8	29°45'	19°30'	23°51'	9°R 2	10° 2	29°20'	21° 8	S 25
S 26	0 56 14	12° 8'28"	29°47'	25°50'	26°45'	9°35'	14°13'	28° 5	29°R45	19°29'	23°51'	9° 1	9°59'	29°27'	21° 5	S 26
M27	1 0 11	13° 7'55"	12 ^h 03'	27°20'	27°36'	10° 0	14°25'	28° 3	29°45'	19°27'	23°D51	8°58'	9°56'	29°34'	21° 3	M27
T 28	1 4 8	14° 7'24"	25° 5	28°53'	28°27'	10°25'	14°37'	28° 0	29°45'	19°26'	23°51'	8°55'	9°53'	29°40'	21° 0	T 28
W29	1 8 4	15° 6'55"	7 ^h 23'	0 ^h 29'	29°20'	10°51'	14°49'	27°57'	29°45'	19°24'	23°51'	8°51'	9°49'	29°47'	20°58'	W29
T 30	1 12 1	16° 6'28"	19 ^h 31'	2 ^h 6'	0 ^h 13'	11°16'	15 ^h 1'	27 ^h 54'	29 ^h 45'	19 ^h 23'	23°51'	8 ^h 47'	9 ^h 46'	29°54'	20 ^h 55'	T 30

Delta T = 225.22 sec

Julian Calendar 1 Sept. 1529 == Greg. Calendar 11 Sept. 1529

OCTOBER 1529 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	1 15 57	17 ^h 04'	1 ^h 31'	3 ^h 45'	1 ^h 06'	11°43'	15 ^h 13'	27°R51	29°R44	19°R21	23°51'	8°R43	9 ^h 43'	0 ^h 0	20°R53	F 1
S 2	1 19 54	18° 5'41"	13°24'	5°25'	2° 1	12° 9	15°25'	27 ^h 48'	29 ^h 44'	19°420	23°51'	8 ^h 41'	9°40'	0° 7	20°45'	S 2
S 3	1 23 50	19° 5'21"	25°13'	7° 6	2°56'	12°36'	15°37'	27°45'	29°44'	19°19'	23°51'	8°39'	9°37'	0°13'	20°48'	S 3
M 4	1 27 47	20° 5'02"	7 ^h 0	8°47'	3°51'	13° 4	15°49'	27°42'	29°43'	19°17'	23°52'	8°D38	9°33'	0°20'	20°45'	M 4
T 5	1 31 43	21° 4'46"	18°47'	10°29'	4°47'	13°32'	16° 0	27°38'	29°43'	19°16'	23°52'	8°39'	9°30'	0°27'	20°43'	T 5
W 6	1 35 40	22° 4'32"	0 ^h 37'	12°11'	5°44'	14° 0	16°12'	27°35'	29°42'	19°14'	23°52'	8°40'	9°27'	0°33'	20°41'	W 6
T 7	1 39 36	23° 4'19"	22°32'	13°53'	6°41'	14°28'	16°24'	27°31'	29°42'	19°13'	23°52'	8°41'	9°24'	0°40'	20°38'	T 7
F 8	1 43 33	24° 4'08"	24°37'	15°34'	7°39'	14°57'	16°35'	27°28'	29°41'	19°12'	23°53'	8°42'	9°21'	0°47'	20°36'	F 8
S 9	1 47 30	25° 3'59"	6 ^h 56'	17°16'	8°37'	15°27'	16°47'	27°24'	29°41'	19°11'	23°53'	8°43'	9°18'	0°53'	20°34'	S 9
S 10	1 51 26	26° 3'52"	19°32'	18°58'	9°36'	15°56'	16°58'	27°20'	29°40'	19° 9	23°53'	8°44'	9°14'	1° 0	20°32'	S 10
M11	1 55 23	27° 3'46"	2 ^h 30'	20°39'	10°35'	16°26'	17°10'	27°16'	29°39'	19° 8	23°54'	8°R44	9°11'	1° 7	20°30'	M11
T 12	1 59 19	28° 3'42"	15°53'	22°20'	11°34'	16°56'	17°21'	27°12'	29°38'	19° 7	23°54'	8°44'	9° 8	1°13'	20°28'	T 12
W13	2 3 16	29° 3'40"	29°42'	24° 0	12°35'	17°27'	17°32'	27° 8	29°38'	19° 6	23°55'	8°43'	9° 5	1°20'	20°25'	W13
T 14	2 7 12	0 ^h 33'	13 ^h 59'	25°40'	13°35'	17°57'	17°43'	27° 4	29°37'	19° 5	23°55'	8°42'	9° 2	1°27'	20°23'	T 14
F 15	2 11 9	1° 3'40"	28°41'	27°20'	14°36'	18°28'	17°54'	27° 0	29°36'	19° 3	23°55'	8°41'	8°59'	1°33'	20°21'	F 15
S 16	2 15 5	2° 3'42"	13 ^h 42'	28°59'	15°37'	19° 0	18° 5	26°56'	29°35'	19° 2	23°56'	8°40'	8°55'	1°40'	20°19'	S 16
S 17	2 19 2	3° 3'47"	28°54'	0 ^h 38'	16°39'	19°31'	18°16'	26°52'	29°34'	19° 1	23°57'	8°40'	8°52'	1°47'	20°18'	S 17
M18	2 22 59	4° 3'53"	14 ^h 8'	2°16'	17°41'	20° 3	18°27'	26°48'	29°33'	19° 0	23°57'	8°D40	8°49'	1°53'	20°16'	M18
T 19	2 26 55	5° 4'01"	29°14'	3°54'	18°44'	20°35'	18°38'	26°43'	29°31'	18°59'	23°58'	8°40'	8°46'	2° 0	20°14'	T 19
W20	2 30 52	6° 4'11"	14 ^h 4	5°32'	19°47'	21° 8	18°49'	26°39'	29°30'	18°58'	23°58'	8°40'	8°43'	2° 6	20°12'	W20
T 21	2 34 48	7° 4'23"	28°31'	7° 9	20°50'	21°40'	18°59'	26°34'	29°29'	18°57'	23°59'	8°40'	8°39'	2°13'	20°10'	T 21
F 22	2 38 45	8° 4'38"	12 ^h 31'	8°46'	21°54'	22°13'	19°10'	26°30'	29°28'	18°56'	24° 0	8°40'	8°36'	2°20'	20° 9	F 22
S 23	2 42 41	9° 4'54"	26° 5	10°22'	22°58'	22°46'	19°20'	26°25'	29°26'	18°55'	24° 0	8°R40	8°33'	2°26'	20° 7	S 23
S 24	2 46 38	10° 5'12"	9 ^h 02'	11°58'	24° 2	23°19'	19°31'	26°21'	29°25'	18°54'	24° 1	8°D40	8°30'	2°33'	20° 6	S 24
M25	2 50 34	11° 5'33"	21°57'	13°34'	25° 6	23°52'	19°41'	26°16'	29°24'	18°53'	24° 2	8°40'	8°27'	2°40'	20° 4	M25
T 26	2 54 31	12° 5'55"	4 ^h 23'	15° 9	26°11'	24°26'	19°51'	26°11'	29°22'	18°53'	24° 3	8°41'	8°24'	2°46'	20° 3	T 26
W27	2 58 28	13° 6'19"	16°33'	16°44'	27°16'	25° 0	20° 1	26° 7	29°21'	18°52'	24° 4	8°41'	8°20'	2°53'	20° 1	W27
T 28	3 2 24	14° 6'45"	28°33'	18°18'	28°22'	25°34'	20°11'	26° 2	29°19'	18°51'	24° 4	8°42'	8°17'	3° 0	20° 0	T 28
F 29	3 6 21	15° 7'13"	10 ^h 25'	19°53'	29°28'	26° 8	20°21'	25°57'	29°17'	18°50'	24° 5	8°42'	8°14'	3° 6	19°58'	F 29
S 30	3 10 17	16° 7'43"	22°13'	21°27'	0 ^h 34'	26°43'	20°31'	25°52'	29°16'	18°49'	24° 6	8°43'	8°11'	3°13'	19°57'	S 30
S 31	3 14 14	17 ^h 08'14"	4 ^h 0	23 ^h 01'	1 ^h 40'	27°17'	20 ^h 40'	25 ^h 47'	29 ^h 14'	18 ^h 49'	24 ^h 07'	8°R43	8 ^h 08'	3 ^h 20'	19 ^h 56'	S 31

Delta T = 225.03 sec

Julian Calendar

ASTRODIENST EPHEMERIS for the year 1529

geocentric

NOVEMBER 1529 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	3 18 10	18♌ 8'47	15♌ 48	24♌ 34	2♊ 46	27♊ 52	20♐ 50	25°R43	29°R12	18°R48	24♏ 8	8°R43	8♌ 4	3♌ 26	19°R55	M 1
T 2	3 22 7	19° 9'22	27°40	26° 8	3°53	28°27	20°59	25♏ 38	29♐ 11	18°R47	24° 9	8♌ 43	8° 1	3°33	19°R54	T 2
W 3	3 26 3	20° 9'58	9♊ 37	27°41	5° 0	29° 2	21° 9	25°33	29° 9	18°47	24°10	8°41	7°58	3°40	19°53	W 3
T 4	3 30 0	21°10'36	21°42	29°14	6° 7	29°38	21°18	25°28	29° 7	18°46	24°11	8°40	7°55	3°46	19°52	T 4
F 5	3 33 57	22°11'15	3♊ 56	0♊ 46	7°15	0♊ 13	21°27	25°23	29° 5	18°46	24°12	8°38	7°52	3°53	19°51	F 5
S 6	3 37 53	23°11'55	16°22	2°19	8°22	0°49	21°36	25°18	29° 3	18°45	24°13	8°36	7°49	3°59	19°50	S 6
S 7	3 41 50	24°12'37	29° 2	3°51	9°30	1°24	21°45	25°13	29° 1	18°45	24°14	8°34	7°45	4° 6	19°49	S 7
M 8	3 45 46	25°13'19	12♊ 0	5°24	10°38	2° 0	21°54	25° 8	28°59	18°44	24°16	8°32	7°42	4°13	19°48	M 8
T 9	3 49 43	26°14'03	25°16	6°56	11°47	2°37	22° 3	25° 3	28°57	18°44	24°17	8°D32	7°39	4°19	19°47	T 9
W10	3 53 39	27°14'48	8♊ 54	8°27	12°55	3°13	22°11	24°58	28°55	18°44	24°18	8°32	7°36	4°26	19°47	W10
T 11	3 57 36	28°15'33	22°55	9°59	14° 4	3°49	22°20	24°53	28°53	18°43	24°19	8°33	7°33	4°33	19°46	T 11
F 12	4 1 32	29°16'20	7♊ 18	11°30	15°13	4°26	22°28	24°49	28°51	18°43	24°20	8°35	7°30	4°39	19°45	F 12
S 13	4 5 29	0♊ 17'08	22° 1	13° 2	16°22	5° 2	22°36	24°44	28°49	18°43	24°22	8°36	7°26	4°46	19°45	S 13
S 14	4 9 26	1°17'56	6♊ 58	14°33	17°31	5°39	22°44	24°39	28°46	18°42	24°23	8°R37	7°23	4°53	19°44	S 14
M15	4 13 22	2°18'46	22° 3	16° 3	18°40	6°16	22°52	24°34	28°44	18°42	24°24	8°36	7°20	4°59	19°44	M15
T 16	4 17 19	3°19'37	7♊ 8	17°34	19°50	6°53	23° 0	24°29	28°42	18°42	24°26	8°34	7°17	5° 6	19°44	T 16
W17	4 21 15	4°20'29	22° 2	19° 4	20°59	7°30	23° 8	24°24	28°40	18°42	24°27	8°31	7°14	5°13	19°43	W17
T 18	4 25 12	5°21'22	6♊ 37	20°34	22° 9	8° 7	23°15	24°19	28°38	18°42	24°28	8°28	7°10	5°19	19°43	T 18
F 19	4 29 8	6°22'17	20°48	22° 3	23°19	8°44	23°23	24°15	28°35	18°42	24°30	8°23	7° 7	5°26	19°43	F 19
S 20	4 33 5	7°23'13	4♊ 32	23°32	24°29	9°22	23°30	24°10	28°33	18°42	24°31	8°19	7° 4	5°32	19°43	S 20
S 21	4 37 1	8°24'10	17°48	25° 0	25°39	9°59	23°37	24° 5	28°30	18°D42	24°32	8°16	7° 1	5°39	19°D43	S 21
M22	4 40 58	9°25'08	0♐ 38	26°28	26°50	10°37	23°44	24° 1	28°28	18°42	24°34	8°15	6°58	5°46	19°43	M22
T 23	4 44 55	10°26'07	13° 5	27°54	28° 0	11°14	23°51	23°56	28°26	18°42	24°35	8°D14	6°55	5°52	19°43	T 23
W24	4 48 51	11°27'07	25°15	29°20	29°11	11°52	23°58	23°51	28°23	18°42	24°37	8°15	6°51	5°59	19°43	W24
T 25	4 52 48	12°28'09	7♊ 11	0♌ 44	0♌ 22	12°30	24° 5	23°47	28°21	18°42	24°38	8°17	6°48	6° 6	19°43	T 25
F 26	4 56 44	13°29'12	19° 1	2° 8	1°33	13° 8	24°11	23°42	28°18	18°42	24°40	8°19	6°45	6°12	19°44	F 26
S 27	5 0 41	14°30'15	0♌ 47	3°29	2°44	13°46	24°17	23°38	28°16	18°42	24°41	8°20	6°42	6°19	19°44	S 27
S 28	5 4 37	15°31'20	12°34	4°49	3°55	14°24	24°23	23°33	28°13	18°43	24°43	8°R20	6°39	6°26	19°44	S 28
M29	5 8 34	16°32'26	24°26	6° 6	5° 6	15° 2	24°29	23°29	28°11	18°43	24°45	8°19	6°36	6°32	19°45	M29
T 30	5 12 30	17°33'32	6♊ 25	7♊ 21	6♌ 18	15°K40	24°35	23°R25	28°II 8	18°K43	24°K46	8♌ 15	6♌ 32	6♌ 39	19°K45	T 30

Delta T = 224.84 sec

Julian Calendar 1 Nov. 1529 == Greg. Calendar 11 Nov. 1529

DECEMBER 1529 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	5 16 27	18♌ 34'39	18♌ 33	8♊ 33	7♌ 29	16°K18	24°41	23°R21	28°R 6	18°K43	24°K48	8°R10	6♌ 29	6♌ 46	19°K46	W 1
T 2	5 20 24	19°35'47	0♊ 53	9°42	8°41	16°57	24°46	23♏ 16	28°II 3	18°44	24°49	8♌ 3	6°26	6°52	19°46	T 2
F 3	5 24 20	20°36'55	10°36	10°46	9°53	17°35	24°52	23°12	28° 1	18°44	24°51	7°55	6°23	6°59	19°47	F 3
S 4	5 28 17	21°38'04	26° 6	11°46	11° 4	18°14	24°57	23° 8	27°58	18°45	24°53	7°46	6°20	7° 6	19°48	S 4
S 5	5 32 13	22°39'13	9♊ 1	12°40	12°16	18°52	25° 2	23° 4	27°56	18°45	24°54	7°39	6°16	7°12	19°49	S 5
M 6	5 36 10	23°40'22	22° 9	13°29	13°28	19°31	25° 7	23° 0	27°53	18°46	24°56	7°33	6°13	7°19	19°49	M 6
T 7	5 40 6	24°41'31	5♊ 30	14°10	14°40	20°10	25°12	22°57	27°50	18°46	24°58	7°29	6°10	7°25	19°50	T 7
W 8	5 44 3	25°42'40	19° 5	14°43	15°52	20°49	25°16	22°53	27°48	18°47	25° 0	7°27	6° 7	7°32	19°51	W 8
T 9	5 47 59	26°43'50	2♊ 55	15° 8	17° 4	21°27	25°20	22°49	27°45	18°48	25° 1	7°D27	6° 4	7°39	19°52	T 9
F 10	5 51 56	27°44'59	17° 1	15°23	18°17	22° 6	25°25	22°46	27°43	18°48	25° 3	7°28	6° 1	7°45	19°53	F 10
S 11	5 55 53	28°46'09	1♊ 21	15°R27	19°29	22°45	25°29	22°42	27°40	18°49	25° 5	7°R29	5°57	7°52	19°54	S 11
S 12	5 59 49	29°47'18	15°54	15°21	20°41	23°24	25°32	22°39	27°38	18°50	25° 7	7°29	5°54	7°59	19°56	S 12
M13	6 3 46	0♊ 48'27	0♐ 35	15° 2	21°54	24° 3	25°36	22°35	27°35	18°50	25° 8	7°26	5°51	8° 5	19°57	M13
T 14	6 7 42	1°49'37	15°20	14°32	23° 6	24°42	25°40	22°32	27°32	18°51	25°10	7°22	5°48	8°12	19°58	T 14
W15	6 11 39	2°50'46	29°59	13°50	24°19	25°21	25°43	22°29	27°30	18°52	25°12	7°15	5°45	8°19	19°59	W15
T 16	6 15 35	3°51'56	14♊ 27	12°57	25°32	26° 1	25°46	22°26	27°27	18°53	25°14	7° 6	5°42	8°25	20° 1	T 16
F 17	6 19 32	4°53'05	28°37	11°54	26°44	26°40	25°49	22°23	27°25	18°54	25°16	6°56	5°38	8°32	20° 2	F 17
S 18	6 23 29	5°54'15	12♊ 23	10°44	27°57	27°19	25°52	22°20	27°22	18°55	25°17	6°46	5°35	8°39	20° 4	S 18
S 19	6 27 25	6°55'25	25°43	9°27	29°10	27°58	25°54	22°17	27°20	18°56	25°19	6°37	5°32	8°45	20° 5	S 19
M20	6 31 22	7°56'35	8♐ 37	8° 7	0♊ 23	28°37	25°57	22°15	27°17	18°57	25°21	6°31	5°29	8°52	20° 7	M20
T 21	6 35 18	8°57'45	21° 9	6°46	1°36	29°17	25°59	22°12	27°15	18°58	25°23	6°27	5°26	8°58	20° 9	T 21
W22	6 39 15	9°58'55	3♊ 21	5°27	2°49	29°56	26° 1	22°10	27°12	18°59	25°25	6°25	5°22	9° 5	20°10	W22
T 23	6 43 11	11° 0'05	15°19	4°12	4° 2	0♐ 36	26° 3	22° 7	27°10	19° 0	25°27	6°D25	5°19	9°12	20°12	T 23
F 24	6 47 8	12° 1'15	27° 9	3° 3	5°15	1°15	26° 5	22° 5	27° 7	19° 1	25°29	6°25	5°16	9°18	20°14	F 24
S 25	6 51 4	13° 2'25	8♌ 55	2° 2	6°29	1°54	26° 6	22° 3	27° 5	19° 2	25°30	6°R26	5°13	9°25	20°16	S 25
S 26	6 55 1	14° 3'36	20°44	1°10	7°42	2°34	26° 7	22° 1	27° 2	19° 3	25°32	6°25	5°10	9°32	20°18	S 26
M27	6 58 58	15° 4'46	2♊ 40	0°28	8°55	3°13	26° 9	21°59	27° 0	19° 4	25°34	6°21	5° 7	9°38	20°20	M27
T 28	7 2 54	16° 5'56	14°46	29♊ 55	10° 8	3°53	26° 9	21°57	26°57	19° 6	25°36	6°15	5° 3	9°45	20°22	T 28
W29	7 6 51	17° 7'05	27° 6	29°32	11°22	4°32	26°10	21°55	26°55	19° 7	25°38	6° 6	5° 0	9°52	20°24	W29
T 30	7 10 47	18° 8'15	9♊ 40	29°19	12°35	5°12	26°11	21°53	26°53	19° 8	25°40	5°55	4°57	9°58	20°26	T 30
F 31	7 14 44	19° 9'23	22♊ 31	29°D14	13♊ 49	5°Y52	26°11	21°R52	26°II 50	19°K 9	25°K42	5♌ 42	4♌ 54	10♌ 5	20°K28	F 31

Delta T = 224.65 sec

Julian Calendar