



# Astrodienst Ephemeris Tables for the year 1528

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 1528  
geocentric

JANUARY 1528 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	7 16 39	19°39'05	15°8'21	6°55'55	15°R46	16°H26	19°R21	24°Y13	17°R38	14°H49	22°Z22	15°A 3	13°A33	18°Q41	12°H55	W 1
T 2	7 20 35	20°40'11	28° 8	8°20	15°Z10	17°10	19°E13	24°15	17°H36	14°50	22°24	15° 5	13°30	18°48	12°58	T 2
F 3	7 24 32	21°41'16	10°H40	9°41	14°36	17°55	19° 5	24°17	17°34	14°52	22°26	15°R 6	13°27	18°55	13° 0	F 3
S 4	7 28 28	22°42'20	23° 0	10°59	14° 2	18°39	18°57	24°19	17°32	14°53	22°28	15° 6	13°24	19° 2	13° 3	S 4
S 5	7 32 25	23°43'24	5°E12	12°12	13°29	19°24	18°49	24°20	17°30	14°55	22°30	15° 3	13°21	19° 8	13° 6	S 5
M 6	7 36 22	24°44'26	17°16	13°20	12°58	20° 8	18°41	24°23	17°28	14°56	22°32	14°59	13°18	19°15	13° 9	M 6
T 7	7 40 18	25°45'28	29°15	14°21	12°29	20°53	18°33	24°25	17°27	14°58	22°34	14°53	13°14	19°22	13°11	T 7
W 8	7 44 15	26°46'29	11°Q10	15°16	12° 2	21°37	18°25	24°27	17°25	15° 0	22°36	14°46	13°11	19°28	13°14	W 8
T 9	7 48 11	27°47'30	23° 2	16° 2	11°37	22°22	18°18	24°30	17°23	15° 1	22°38	14°37	13° 8	19°35	13°17	T 9
F 10	7 52 8	28°48'29	4°H54	16°40	11°14	23° 6	18°10	24°32	17°21	15° 3	22°40	14°28	13° 5	19°42	13°20	F 10
S 11	7 56 4	29°49'28	16°47	17° 9	10°53	23°50	18° 2	24°35	17°19	15° 5	22°42	14°20	13° 2	19°49	13°23	S 11
S 12	8 0 1	0°50'26	28°44	17°27	10°34	24°35	17°54	24°37	17°18	15° 6	22°44	14°13	12°58	19°55	13°26	S 12
M13	8 3 57	1°51'24	10°A49	17°R34	10°18	25°19	17°47	24°40	17°16	15° 8	22°46	14° 9	12°55	20° 2	13°29	M13
T 14	8 7 54	2°52'20	23° 5	17°31	10° 5	26° 3	17°39	24°43	17°15	15°10	22°48	14° 6	12°52	20° 9	13°32	T 14
W15	8 11 51	3°53'16	5°H38	17°15	9°54	26°48	17°31	24°46	17°13	15°12	22°50	14°D 6	12°49	20°15	13°35	W15
T 16	8 15 47	4°54'12	18°31	16°49	9°45	27°32	17°24	24°49	17°12	15°14	22°52	14° 6	12°46	20°22	13°39	T 16
F 17	8 19 44	5°55'06	1°A49	16°12	9°39	28°16	17°17	24°53	17°10	15°15	22°54	14° 8	12°43	20°29	13°42	F 17
S 18	8 23 40	6°56'00	15°34	15°25	9°35	29° 0	17°10	24°56	17° 9	15°17	22°55	14°R 8	12°39	20°36	13°45	S 18
S 19	8 27 37	7°56'53	29°49	14°30	9°D34	29°44	17° 2	24°59	17° 7	15°19	22°57	14° 7	12°36	20°42	13°48	S 19
M20	8 31 33	8°57'45	14°Z30	13°28	9°36	0°Y29	16°55	25° 3	17° 6	15°21	22°59	14° 4	12°33	20°49	13°51	M20
T 21	8 35 30	9°58'35	29°34	12°20	9°39	1°13	16°48	25° 6	17° 5	15°23	23° 1	13°58	12°30	20°56	13°55	T 21
W22	8 39 26	10°59'25	14°50	11° 9	9°45	1°57	16°42	25°10	17° 3	15°25	23° 3	13°50	12°27	21° 2	13°58	W22
T 23	8 43 23	12° 0'13	0°H 9	9°57	9°54	2°41	16°35	25°14	17° 2	15°27	23° 5	13°41	12°24	21° 9	14° 1	T 23
F 24	8 47 20	13° 1'00	15°19	8°46	10° 4	3°25	16°28	25°18	17° 1	15°29	23° 7	13°31	12°20	21°16	14° 5	F 24
S 25	8 51 16	14° 1'45	0°Y10	7°37	10°17	4° 9	16°22	25°22	17° 0	15°31	23° 9	13°23	12°17	21°23	14° 8	S 25
S 26	8 55 13	15° 2'29	14°35	6°33	10°32	4°53	16°16	25°26	16°59	15°33	23°10	13°17	12°14	21°29	14°12	S 26
M27	8 59 9	16° 3'11	28°32	5°34	10°49	5°36	16°10	25°30	16°58	15°35	23°12	13°14	12°11	21°36	14°15	M27
T 28	9 3 6	17° 3'51	12°B 0	4°41	11° 7	6°20	16° 4	25°34	16°57	15°37	23°14	13°D12	12° 8	21°43	14°19	T 28
W29	9 7 2	18° 4'30	25° 2	3°56	11°28	7° 4	15°58	25°39	16°56	15°39	23°16	13°12	12° 4	21°49	14°22	W29
T 30	9 10 59	19° 5'07	7°H43	3°18	11°51	7°48	15°52	25°43	16°55	15°41	23°18	13°R13	12° 1	21°56	14°26	T 30
F 31	9 14 55	20°5'42	20°H 6	2°48	12°Z15	8°Y32	15°E46	25°Y48	16°H55	15°H43	23°Z20	13°A13	11°A58	22°Q 3	14°H29	F 31

Delta T = 229.00 sec

Julian Calendar 1 Jan. 1528 == Greg. Calendar 11 Jan. 1528

FEBRUARY 1528 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	9 18 52	21°56'15	2°E16	2°R26	12°Z41	9°Y15	15°R41	25°Y52	16°R54	15°H45	23°Z21	13°R11	11°A55	22°Q10	14°H33	S 1
S 2	9 22 49	22° 6'47	14°18	2°H11	13° 9	9°59	15°E36	25°57	16°H53	15°47	23°23	13°A 6	11°52	22°16	14°36	S 2
M 3	9 26 45	23° 7'17	26°13	2°D 4	13°38	10°43	15°31	26° 2	16°53	15°50	23°25	12°59	11°49	22°23	14°40	M 3
T 4	9 30 42	24° 7'45	8°Q 6	2° 5	14° 9	11°26	15°26	26° 7	16°52	15°52	23°27	12°49	11°45	22°30	14°44	T 4
W 5	9 34 38	25° 8'11	19°58	2°11	14°41	12°10	15°21	26°12	16°51	15°54	23°28	12°37	11°42	22°36	14°47	W 5
T 6	9 38 35	26° 8'36	1°H50	2°25	15°15	12°53	15°16	26°17	16°51	15°56	23°30	12°23	11°39	22°43	14°51	T 6
F 7	9 42 31	27° 8'59	13°45	2°44	15°51	13°37	15°12	26°22	16°51	15°58	23°32	12° 9	11°36	22°50	14°54	F 7
S 8	9 46 28	28° 9'21	25°42	3° 8	16°27	14°20	15° 8	26°27	16°50	16° 0	23°33	11°55	11°33	22°57	14°58	S 8
S 9	9 50 24	29° 9'40	7°A45	3°38	17° 5	15° 4	15° 4	26°32	16°50	16° 2	23°35	11°44	11°29	23° 3	15° 2	S 9
M10	9 54 21	0°H 9'59	19°54	4°12	17°44	15°47	15° 0	26°37	16°50	16° 5	23°37	11°35	11°26	23°10	15° 6	M10
T 11	9 58 18	1°10'15	2°H13	4°51	18°24	16°30	14°56	26°43	16°49	16° 7	23°38	11°29	11°23	23°17	15° 9	T 11
W12	10 2 14	2°10'31	14°45	5°34	19° 5	17°14	14°53	26°48	16°49	16° 9	23°40	11°26	11°20	23°23	15°13	W12
T 13	10 6 11	3°10'45	27°35	6°20	19°48	17°57	14°49	26°54	16°49	16°11	23°42	11°25	11°17	23°30	15°17	T 13
F 14	10 10 7	4°10'57	10°A45	7°11	20°31	18°40	14°46	26°59	16°D49	16°14	23°43	11°25	11°14	23°37	15°21	F 14
S 15	10 14 4	5°11'08	24°20	8° 4	21°16	19°23	14°43	27° 5	16°49	16°16	23°45	11°25	11°10	23°44	15°24	S 15
S 16	10 18 0	6°11'17	8°Z22	9° 0	22° 1	20° 7	14°40	27°11	16°49	16°18	23°46	11°23	11° 7	23°50	15°28	S 16
M17	10 21 57	7°11'25	22°51	10° 0	22°47	20°50	14°38	27°17	16°49	16°20	23°48	11°19	11° 4	23°57	15°32	M17
T 18	10 25 53	8°11'31	7°A44	11° 2	23°35	21°33	14°35	27°23	16°49	16°23	23°49	11°11	11° 1	24° 4	15°36	T 18
W19	10 29 50	9°11'35	22°54	12° 6	24°23	22°16	14°33	27°29	16°50	16°25	23°51	11° 2	10°58	24°10	15°39	W19
T 20	10 33 47	10°11'38	8°H13	13°13	25°12	22°59	14°31	27°35	16°50	16°27	23°52	10°50	10°55	24°17	15°43	T 20
F 21	10 37 43	11°11'38	23°28	14°21	26° 1	23°42	14°29	27°41	16°50	16°29	23°54	10°39	10°51	24°24	15°47	F 21
S 22	10 41 40	12°11'37	8°Y28	15°32	26°51	24°25	14°28	27°47	16°51	16°32	23°55	10°28	10°48	24°31	15°51	S 22
S 23	10 45 36	13°11'33	23° 4	16°45	27°43	25° 8	14°26	27°53	16°51	16°34	23°57	10°20	10°45	24°37	15°55	S 23
M24	10 49 33	14°11'27	7°B12	18° 0	28°34	25°50	14°25	27°59	16°52	16°36	23°58	10°14	10°42	24°44	15°59	M24
T 25	10 53 29	15°11'19	20°49	19°16	29°27	26°33	14°24	28° 6	16°52	16°38	23°59	10°11	10°39	24°51	16° 2	T 25
W26	10 57 26	16°11'09	3°H58	20°35	0°A20	27°16	14°23	28°12	16°53	16°41	24° 1	10°10	10°35	24°57	16° 6	W26
T 27	11 1 22	17°10'57	16°42	21°55	1°13	27°59	14°22	28°18	16°53	16°43	24° 2	10°10	10°32	25° 4	16°10	T 27
F 28	11 5 19	18°10'42	29° 5	23°16	2° 7	28°41	14°22	28°25	16°54	16°45	24° 3	10°10	10°29	25°11	16°14	F 28
S 29	11 9 16	19°H10'25	11°E13	24°A39	3°A 2	29°Y24	14°E22	28°Y31	16°H55	16°H48	24°Z 5	10°A 8	10°A26	25°Q18	16°H18	S 29

Delta T = 228.81 sec

Julian Calendar

## ASTRODIENST EPHEMERIS for the year 1528

geocentric

MARCH 1528 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day		
S 1	11 13 12	20°10'06	23°11	26°4	3°58	0°8	7	14°D22	28°Y38	16°II56	16°K50	24°3	6	10°R 4	10°23	25°Q24	16°K21	S 1	
M 2	11 17 9	21°9'44	5°Q 4	27°29	4°53	0°49		14°D22	28°45	16°57	16°52	24°7		9°27	10°20	25°31	16°25	M 2	
T 3	11 21 5	22°9'21	16°54	28°57	5°50	1°32		14°22	28°51	16°57	16°54	24°8		9°48	10°16	25°38	16°29	T 3	
W 4	11 25 2	23°8'55	28°45	0°K26	6°47	2°14		14°23	28°58	16°58	16°57	24°9		9°36	10°13	25°44	16°33	W 4	
T 5	11 28 58	24°8'27	10°M40	1°56	7°44	2°56		14°23	29°5	16°59	16°59	24°11		9°22	10°10	25°51	16°37	T 5	
F 6	11 32 55	25°7'56	22°40	3°28	8°42	3°39		14°24	29°12	17°0	17°1	24°12		9°8	10°7	25°58	16°40	F 6	
S 7	11 36 51	26°7'24	4°Q45	5°1	9°40	4°21		14°25	29°18	17°2	17°3	24°13		8°55	10°4	26°5	16°44	S 7	
S 8	11 40 48	27°6'50	16°58	6°35	10°38	5°3		14°27	29°25	17°3	17°6	24°14		8°44	10°1	26°11	16°48	S 8	
M 9	11 44 44	28°6'13	29°18	8°11	11°37	5°46		14°28	29°32	17°4	17°8	24°15		8°35	9°57	26°18	16°52	M 9	
T 10	11 48 41	29°5'35	11°M48	9°48	12°37	6°28		14°30	29°39	17°5	17°10	24°16		8°30	9°54	26°25	16°55	T 10	
W 11	11 52 38	0°Y 4'55	24°30	11°26	13°37	7°10		14°32	29°46	17°7	17°12	24°17		8°27	9°51	26°31	16°59	W 11	
T 12	11 56 34	1°4'13	7°K25	13°6	14°37	7°52		14°34	29°53	17°8	17°15	24°18		8°D26	9°48	26°38	17°3	T 12	
F 13	12 0 31	2°3'30	20°37	14°47	15°37	8°34		14°36	0°8	17°9	17°17	24°19		8°26	9°45	26°45	17°7	F 13	
S 14	12 4 27	3°2'44	4°3	16°29	16°38	9°16		14°38	0°8	17°11	17°19	24°20		8°R26	9°41	26°52	17°10	S 14	
S 15	12 8 24	4°1'57	18°0	18°13	17°40	9°58		14°41	0°15	17°12	17°21	24°21		8°26	9°38	26°58	17°14	S 15	
M 16	12 12 20	5°1'08	2°K15	19°58	18°41	10°40		14°44	0°22	17°14	17°23	24°22		8°23	9°35	27°5	17°18	M 16	
T 17	12 16 17	6°0'18	16°50	21°45	19°43	11°22		14°47	0°29	17°15	17°26	24°23		8°18	9°32	27°12	17°21	T 17	
W 18	12 20 13	6°59'25	1°K41	23°33	20°45	12°4		14°50	0°37	17°17	17°28	24°23		8°10	9°29	27°19	17°25	W 18	
T 19	12 24 10	7°58'31	16°41	25°23	21°47	12°46		14°53	0°44	17°19	17°30	24°24		8°1	9°26	27°25	17°29	T 19	
F 20	12 28 7	8°57'34	1°Y42	27°14	22°50	13°28		14°57	0°51	17°21	17°32	24°25		7°52	9°22	27°32	17°32	F 20	
S 21	12 32 3	9°56'36	16°33	29°6	23°53	14°10		15°0	0°59	17°22	17°34	24°26		7°43	9°19	27°39	17°36	S 21	
S 22	12 36 0	10°55'35	1°8	5	1°Y 0	24°56		14°51	1°6	17°24	17°36	24°26		7°37	9°16	27°45	17°39	S 22	
M 23	12 39 56	11°54'33	15°14	2°55	26°0	15°33		15°8	1°14	17°26	17°39	24°27		7°32	9°13	27°52	17°43	M 23	
T 24	12 43 53	12°53'28	28°56	4°52	27°3	16°15		15°12	1°21	17°28	17°41	24°28		7°30	9°10	27°59	17°47	T 24	
W 25	12 47 49	13°52'21	12°II10	6°50	28°7	16°56		15°17	1°28	17°30	17°43	24°28		7°D30	9°6	28°6	17°50	W 25	
T 26	12 51 46	14°51'12	24°59	8°49	29°11	17°38		15°21	1°36	17°32	17°45	24°29		7°31	9°3	28°12	17°54	T 26	
F 27	12 55 42	15°50'00	7°Q27	10°50	0°K16	18°19		15°26	1°43	17°34	17°47	24°30		7°32	9°0	28°19	17°57	F 27	
S 28	12 59 39	16°48'46	19°38	12°52	1°20	19°1		15°31	1°51	17°36	17°49	24°30		7°R32	8°57	28°26	18°1	S 28	
S 29	13 3 36	17°47'30	1°Q38	14°56	2°25	19°42		15°36	1°59	17°38	17°51	24°31		7°31	8°54	28°32	18°4	S 29	
M 30	13 7 32	18°46'12	13°31	17°0	3°30	20°24		15°41	2°6	17°40	17°53	24°31		7°28	8°51	28°39	18°7	M 30	
T 31	13 11 29	19°Y44'51	25°Q23	19°Y 5	4°K35	21°8		5	15°Q46	2°8	17°II43	17°K55	24°32		7°22	8°47	28°Q46	18°K11	T 31

Delta T = 228.63 sec

Julian Calendar 1 March 1528 == Greg. Calendar 11 March 1528

APRIL 1528 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	13 15 25	20°Y43'29	7°M16	21°Y11	5°K41	21°846	15°Q52	2°821	17°II45	17°K57	24°332	7°R16	8°44	28°Q53	18°K14	W 1	
T 2	13 19 22	21°42'03	19°14	23°18	6°46	22°28	15°57	2°29	17°47	17°59	24°33	7°K7	8°41	28°59	18°17	T 2	
F 3	13 23 18	22°40'36	1°Q20	25°26	7°52	23°9	16°3	2°37	17°50	18°1	24°33	6°59	8°38	29°6	18°21	F 3	
S 4	13 27 15	23°39'07	13°35	27°33	8°58	23°50	16°9	2°44	17°52	18°3	24°33	6°51	8°35	29°13	18°24	S 4	
S 5	13 31 11	24°37'36	26°0	29°41	10°4	24°31	16°15	2°52	17°54	18°5	24°34	6°44	8°32	29°19	18°27	S 5	
M 6	13 35 8	25°36'03	8°M37	1°K48	11°10	25°12	16°21	3°0	17°57	18°7	24°34	6°39	8°28	29°26	18°30	M 6	
T 7	13 39 4	26°34'29	21°24	3°55	12°16	25°53	16°28	3°7	17°59	18°9	24°34	6°36	8°25	29°33	18°34	T 7	
W 8	13 43 1	27°32'52	4°K24	6°1	13°23	26°34	16°34	3°15	18°2	18°10	24°34	6°D35	8°22	29°40	18°37	W 8	
T 9	13 46 58	28°31'14	17°36	8°6	14°29	27°16	16°41	3°23	18°4	18°12	24°35	6°35	8°19	29°46	18°40	T 9	
F 10	13 50 54	29°29'34	1°3	1	10°10	15°36	16°48	3°30	18°7	18°14	24°35	6°37	8°16	29°53	18°43	F 10	
S 11	13 54 51	0°827'53	14°40	12°11	16°43	28°37	16°55	3°38	18°10	18°16	24°35	6°38	8°12	29°59	18°46	S 11	
S 12	13 58 47	1°26'10	28°33	14°11	17°50	29°18	17°2	3°46	18°12	18°18	24°35	6°R39	8°9	0°M7	18°49	S 12	
M 13	14 2 44	2°24'26	12°Q40	16°8	18°57	29°59	17°9	3°54	18°15	18°19	24°35	6°39	8°6	0°13	18°52	M 13	
T 14	14 6 40	3°22'40	27°0	18°2	20°5	0°II40	17°16	4°1	18°18	18°21	24°35	6°37	8°3	0°20	18°55	T 14	
W 15	14 10 37	4°20'53	11°K30	19°54	21°12	1°21	17°24	4°9	18°21	18°23	24°35	6°34	8°0	0°27	18°58	W 15	
T 16	14 14 33	5°19'04	26°5	21°42	22°20	2°2	17°31	4°17	18°23	18°25	24°R35	6°29	7°57	0°33	19°1	T 16	
F 17	14 18 30	6°17'13	10°Y40	23°28	23°27	2°42	17°39	4°24	18°26	18°26	24°35	6°25	7°53	0°40	19°4	F 17	
S 18	14 22 27	7°15'21	25°7	25°10	24°35	3°23	17°47	4°32	18°29	18°28	24°35	6°21	7°50	0°47	19°7	S 18	
S 19	14 26 23	8°13'28	9°821	26°48	25°43	4°4	17°55	4°40	18°32	18°30	24°35	6°18	7°47	0°54	19°9	S 19	
M 20	14 30 20	9°11'32	23°17	28°23	26°51	4°44	18°3	4°48	18°35	18°31	24°35	6°16	7°44	1°0	19°12	M 20	
T 21	14 34 16	10°9'35	6°II51	29°54	27°59	5°25	18°12	4°55	18°38	18°33	24°35	6°D15	7°41	1°7	19°15	T 21	
W 22	14 38 13	11°7'37	20°3	1°II21	29°7	6°5	18°20	5°3	18°41	18°34	24°35	6°16	7°38	1°14	19°17	W 22	
T 23	14 42 9	12°5'36	2°Q53	2°44	0°Y16	6°46	18°28	5°11	18°44	18°36	24°35	6°17	7°34	1°20	19°20	T 23	
F 24	14 46 6	13°3'34	15°24	4°4	1°24	7°26	18°37	5°18	18°47	18°37	24°34	6°19	7°31	1°27	19°23	F 24	
S 25	14 50 2	14°1'30	27°38	5°19	2°33	8°7	18°46	5°26	18°50	18°39	24°34	6°20	7°28	1°34	19°25	S 25	
S 26	14 53 59	14°59'24	9°Q41	6°30	3°41	8°47	18°55	5°34	18°53	18°40	24°34	6°R21	7°25	1°41	19°28	S 26	
M 27	14 57 56	15°57'16	21°36	7°37	4°50	9°28	19°4	5°41	18°56	18°42	24°34	6°21	7°22	1°47	19°30	M 27	
T 28	15 1 52	16°55'07	3°M29	8°40	5°59	10°8	19°13	5°49	18°59	18°43	24°33	6°20	7°18	1°54	19°33	T 28	
W 29	15 5 49	17°52'55	15°24	9°38	7°7	10°48	19°22	5°57	19°3	18°45	24°33	6°18	7°15	2°1	19°35	W 29	
T 30	15 9 45	18°50'42	27°M25	10°II33	8°Y16	11°II28	19°Q31	6°8	19°II6	18°K46	24°333	6°K16	7°K12	2°M8	19°K37	T 30	

Delta T = 228.44 sec

Julian Calendar

## ASTRODIENST EPHEMERIS for the year 1528

geocentric

MAY 1528 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	15 13 42	19°8'48"28	9°23'36"	11°11'22"	9°17'25"	12°11'9"	19°50'40"	6°8'12"	19°11'9"	18°48'47"	24°13'32"	6°18'14"	7°11'9"	2°11'14"	19°11'40"	F 1
S 2	15 17 38	20°46'11"	21°59'	12°8'	10°34'	12°49'	19°50'	6°19'	19°12'	18°49'	24°13'32"	6°18'11"	7°6'	2°21'	19°42'	S 2
S 3	15 21 35	21°43'54"	4°11'36"	12°48'	11°44'	13°29'	20°0'	6°27'	19°15'	18°50'	24°31'	6°9'	7°3'	2°28'	19°44'	S 3
M 4	15 25 31	22°41'35"	17°29'	13°25'	12°53'	14°9'	20°9'	6°34'	19°19'	18°51'	24°31'	6°8'	6°59'	2°34'	19°46'	M 4
T 5	15 29 28	23°39'14"	0°17'37"	13°56'	14°2'	14°49'	20°19'	6°42'	19°22'	18°52'	24°30'	6°D 7'	6°56'	2°41'	19°48'	T 5
W 6	15 33 25	24°36'53"	14°0'	14°23'	15°11'	15°29'	20°29'	6°49'	19°25'	18°54'	24°30'	6°7'	6°53'	2°48'	19°50'	W 6
T 7	15 37 21	25°34'30"	27°37'	14°45'	16°21'	16°9'	20°39'	6°57'	19°29'	18°55'	24°29'	6°8'	6°50'	2°55'	19°52'	T 7
F 8	15 41 18	26°32'06"	11°32'25"	15°2'	17°30'	16°49'	20°49'	7°4'	19°32'	18°56'	24°29'	6°9'	6°47'	3°1'	19°54'	F 8
S 9	15 45 14	27°29'41"	25°23'	15°15'	18°40'	17°29'	20°59'	7°12'	19°35'	18°57'	24°28'	6°10'	6°43'	3°8'	19°56'	S 9
S 10	15 49 11	28°27'15"	9°22'29"	15°22'	19°50'	18°9'	21°9'	7°19'	19°39'	18°58'	24°27'	6°10'	6°40'	3°15'	19°58'	S 10
M 11	15 53 7	29°24'48"	23°40'	15°R25	20°59'	18°49'	21°20'	7°27'	19°42'	18°59'	24°27'	6°R11	6°37'	3°22'	20°0'	M 11
T 12	15 57 4	0°11'22'20"	7°11'55"	15°24'	22°9'	19°29'	21°30'	7°34'	19°46'	19°0'	24°26'	6°10'	6°34'	3°28'	20°2'	T 12
W 13	16 1 0	1°19'52"	22°10'	15°18'	23°19'	20°9'	21°41'	7°41'	19°49'	19°1'	24°25'	6°10'	6°31'	3°35'	20°4'	W 13
T 14	16 4 57	2°17'22"	6°17'23"	15°8'	24°29'	20°48'	21°51'	7°49'	19°52'	19°2'	24°25'	6°10'	6°28'	3°42'	20°5'	T 14
F 15	16 8 54	3°14'52"	20°30'	14°53'	25°39'	21°28'	22°2'	7°56'	19°56'	19°3'	24°24'	6°10'	6°24'	3°48'	20°7'	F 15
S 16	16 12 50	4°12'21"	4°12'21"	14°35'	26°49'	22°8'	22°13'	8°3'	19°59'	19°4'	24°23'	6°9'	6°21'	3°55'	20°8'	S 16
S 17	16 16 47	5°9'50"	18°16'	14°13'	27°59'	22°48'	22°24'	8°10'	20°3'	19°5'	24°22'	6°9'	6°18'	4°2'	20°10'	S 17
M 18	16 20 43	6°7'17"	1°11'50"	13°48'	29°9'	23°27'	22°34'	8°17'	20°6'	19°6'	24°21'	6°9'	6°15'	4°9'	20°11'	M 18
T 19	16 24 40	7°4'44"	15°7'	13°21'	0°18'20"	24°7'	22°45'	8°25'	20°10'	19°6'	24°21'	6°9'	6°12'	4°15'	20°13'	T 19
W 20	16 28 36	8°2'09"	28°5'	12°51'	1°30'	24°47'	22°57'	8°32'	20°13'	19°7'	24°20'	6°9'	6°9'	4°22'	20°14'	W 20
T 21	16 32 33	8°59'34"	10°28'51"	12°19'	2°40'	25°26'	23°8'	8°39'	20°17'	19°8'	24°19'	6°9'	6°5'	4°29'	20°16'	T 21
F 22	16 36 29	9°56'57"	23°18'	11°47'	3°51'	26°6'	23°19'	8°46'	20°20'	19°9'	24°18'	6°8'	6°2'	4°35'	20°17'	F 22
S 23	16 40 26	10°54'20"	5°12'32"	11°13'	5°1'	26°45'	23°30'	8°53'	20°24'	19°9'	24°17'	6°8'	5°59'	4°42'	20°18'	S 23
S 24	16 44 23	11°51'41"	17°35'	10°40'	6°12'	27°25'	23°42'	9°0'	20°27'	19°10'	24°16'	6°7'	5°56'	4°49'	20°19'	S 24
M 25	16 48 19	12°49'02"	29°31'	10°7'	7°22'	28°4'	23°53'	9°7'	20°31'	19°10'	24°15'	6°7'	5°53'	4°56'	20°20'	M 25
T 26	16 52 16	13°46'21"	11°11'24"	9°35'	8°33'	28°44'	24°4'	9°13'	20°35'	19°11'	24°14'	6°D 7'	5°49'	5°2'	20°21'	T 26
W 27	16 56 12	14°43'39"	23°20'	9°4'	9°43'	29°23'	24°16'	9°20'	20°38'	19°12'	24°13'	6°7'	5°46'	5°9'	20°22'	W 27
T 28	17 0 9	15°40'57"	5°12'21"	8°36'	10°54'	0°12'3	24°28'	9°27'	20°42'	19°12'	24°12'	6°7'	5°43'	5°16'	20°23'	T 28
F 29	17 4 5	16°38'13"	17°33'	8°10'	12°5'	0°42'	24°39'	9°34'	20°45'	19°13'	24°11'	6°8'	5°40'	5°23'	20°24'	F 29
S 30	17 8 2	17°35'29"	0°11'1	7°48'	13°15'	1°21'	24°51'	9°40'	20°49'	19°13'	24°10'	6°9'	5°37'	5°29'	20°25'	S 30
S 31	17 11 58	18°11'32'44"	12°11'45"	7°11'28"	14°18'26"	2°12'5	25°53'	9°47'	20°11'52"	19°11'13"	24°13'9"	6°11'10"	5°11'34"	5°11'36"	20°11'26"	S 31

Delta T = 228.25 sec

Julian Calendar 1 May 1528 == Greg. Calendar 11 May 1528

JUNE 1528 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	17 15 55	19°11'29'58"	25°11'50"	7°R13	15°18'37"	2°50'40"	25°52'15"	9°18'54"	20°11'56"	19°11'14"	24°18'8"	6°11'11"	5°11'30"	5°11'43"	20°11'27"	M 1
T 2	17 19 52	20°27'12"	9°11'16"	7°11'	16°48'	3°19'	25°27'	10°0'	21°0'	19°14"	24°18'8"	6°R11	5°27'	5°49'	20°27'	T 2
W 3	17 23 48	21°24'25"	23°1'	6°54'	17°59'	3°59'	25°39'	10°7'	21°3'	19°15'	24°6'	6°10'	5°24'	5°56'	20°28'	W 3
T 4	17 27 45	22°21'38"	7°3'4	6°D51	19°10'	4°38'	25°51'	10°13'	21°7'	19°15'	24°4'	6°9'	5°21'	6°3'	20°29'	T 4
F 5	17 31 41	23°18'51"	21°20'	6°53'	20°21'	5°17'	26°3'	10°19'	21°10'	19°15'	24°3'	6°7'	5°18'	6°10'	20°29'	F 5
S 6	17 35 38	24°16'03"	5°22'45"	6°59'	21°32'	5°56'	26°15'	10°26'	21°14'	19°15'	24°2'	6°5'	5°15'	6°16'	20°30'	S 6
S 7	17 39 34	25°13'15"	20°13'	7°10'	22°43'	6°35'	26°27'	10°32'	21°17'	19°15'	24°1'	6°3'	5°11'	6°23'	20°30'	S 7
M 8	17 43 31	26°10'27"	4°11'39"	7°26'	23°54'	7°14'	26°39'	10°38'	21°21'	19°16'	24°0'	6°1'	5°8'	6°30'	20°30'	M 8
T 9	17 47 28	27°7'38"	18°59'	7°47'	25°6'	7°54'	26°52'	10°44'	21°25'	19°16'	23°58'	6°0'	5°5'	6°37'	20°31'	T 9
W 10	17 51 24	28°4'50"	3°17'9"	8°12'	26°17'	8°33'	27°4'	10°50'	21°28'	19°16'	23°57'	6°D 0'	5°2'	6°43'	20°31'	W 10
T 11	17 55 21	29°2'02"	17°9'	8°42'	27°28'	9°12'	27°16'	10°56'	21°32'	19°16'	23°56'	6°1'	4°59'	6°50'	20°31'	T 11
F 12	17 59 17	29°59'14"	0°18'56"	9°17'	28°40'	9°51'	27°29'	11°2'	21°35'	19°R16	23°55'	6°2'	4°55'	6°57'	20°31'	F 12
S 13	18 3 14	0°56'26"	14°30'	9°56'	29°51'	10°30'	27°41'	11°8'	21°39'	19°16'	23°53'	6°3'	4°52'	7°3'	20°31'	S 13
S 14	18 7 10	1°53'39"	27°52'	10°40'	1°11'2	11°9'	27°54'	11°14'	21°42'	19°16'	23°52'	6°4'	4°49'	7°10'	20°R31	S 14
M 15	18 11 7	2°50'51"	11°11'1	11°28'	2°14'	11°48'	28°6'	11°20'	21°46'	19°16'	23°51'	6°R 4'	4°46'	7°17'	20°31'	M 15
T 16	18 15 3	3°48'03"	23°57'	12°21'	3°26'	12°27'	28°19'	11°26'	21°49'	19°16'	23°49'	6°3'	4°43'	7°24'	20°31'	T 16
W 17	18 19 0	4°45'16"	6°12'40"	13°18'	4°37'	13°6'	28°31'	11°31'	21°53'	19°16'	23°48'	6°1'	4°40'	7°30'	20°31'	W 17
T 18	18 22 57	5°42'28"	19°11'	14°20'	5°49'	13°45'	28°44'	11°37'	21°57'	19°15'	23°47'	5°57'	4°36'	7°37'	20°31'	T 18
F 19	18 26 53	6°39'41"	1°12'30"	15°25'	7°0'	14°23'	28°57'	11°43'	22°0'	19°15'	23°46'	5°52'	4°33'	7°44'	20°31'	F 19
S 20	18 30 50	7°36'53"	13°39'	16°35'	8°12'	15°2'	29°10'	11°48'	22°3'	19°15'	23°44'	5°47'	4°30'	7°51'	20°30'	S 20
S 21	18 34 46	8°34'05"	25°40'	17°50'	9°24'	15°41'	29°22'	11°53'	22°7'	19°15'	23°43'	5°41'	4°27'	7°57'	20°30'	S 21
M 22	18 38 43	9°31'17"	7°11'37"	19°8'	10°36'	16°20'	29°35'	11°59'	22°10'	19°14"	23°41'	5°37'	4°24'	8°4'	20°29'	M 22
T 23	18 42 39	10°28'29"	19°34'	20°30'	11°48'	16°59'	29°48'	12°4'	22°14'	19°14"	23°40'	5°33'	4°21'	8°11'	20°29'	T 23
W 24	18 46 36	11°25'41"	1°12'20"	21°56'	12°59'	17°38'	0°12'1	12°9'	22°17'	19°14"	23°39'	5°31'	4°17'	8°17'	20°28'	W 24
T 25	18 50 32	12°22'53"	13°20'	23°26'	14°11'	18°16'	0°14'	12°14'	22°21'	19°13'	23°37'	5°D31	4°14'	8°24'	20°28'	T 25
F 26	18 54 29	13°20'05"	25°31'	25°0'	15°23'	18°55'	0°27'	12°19'	22°24'	19°13'	23°36'	5°31'	4°11'	8°31'	20°27'	F 26
S 27	18 58 26	14°17'17"	7°11'57"	26°38'	16°35'	19°34'	0°39'	12°24'	22°28'	19°13'	23°34'	5°33'	4°8'	8°38'	20°27'	S 27
S 28	19 2 22	15°14'29"	20°43'	28°19'	17°47'	20°13'	0°52'	12°29'	22°31'	19°12'	23°33'	5°34'	4°5'	8°44'	20°26'	S 28
M 29	19 6 19	16°11'41"	3°11'52"	0°12'4	18°59'	20°51'	1°5'	12°34'	22°34'	19°12'	23°32'	5°R35	4°1'	8°51'	20°25'	M 29
T 30	19 10 15	17°18'54"	17°11'27"	1°12'52"	20°11'11"	21°12'30"	1°12'18"	12°18'39"	22°11'38"	19°11'11"	23°13'30"	5°11'34"	3°11'58"	8°11'58"	20°11'24"	T 30

Delta T = 228.06 sec

Julian Calendar

## ASTRODIENST EPHEMERIS for the year 1528

geocentric

JULY 1528 JC

00:00 UT

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

Delta T = 227.87 sec

Julian Calendar 1 July 1528 == Greg. Calendar 11 July 1528

AUGUST 1528 JC

00:00 UT

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

Delta T = 227.68 sec

Julian Calendar

## ASTRODIENST EPHEMERIS for the year 1528

geocentric

## SEPTEMBER 1528 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	23 18 38	17°48'09"	18°48'16"	13°42'42"	7°17'17"	1°43'43"	14°53'53"	14°28'28"	25°11'11"	17°51'51"	22°15'15"	29°43'43"	0°38'38"	16°1'1'	18°9'9"	T 1
W 2	23 22 35	18°46'43"	2°57'57"	14°20'20"	8°31'31"	2°22'22"	15°5'5"	14°26'26"	25°8'8"	17°49'49"	22°15'15"	29°38'38"	0°35'35"	16°8'8"	18°6'6"	W 2
T 3	23 26 31	19°45'20"	17°12'12"	14°54'54"	9°46'46"	3°0'0"	15°16'16"	14°25'25"	25°9'9"	17°48'48"	22°14'14"	29°35'35"	0°32'32"	16°15'15"	18°3'3"	T 3
F 4	23 30 28	20°43'59"	0°11'58"	15°23'23"	11°0'0"	3°38'38"	15°28'28"	14°23'23"	25°10'10"	17°46'46"	22°14'14"	29°35'35"	0°29'29"	16°21'21"	18°0'0"	F 4
S 5	23 34 24	21°42'40"	14°16'16"	15°47'47"	12°15'15"	4°16'16"	15°40'40"	14°21'21"	25°11'11"	17°44'44"	22°13'13"	29°35'35"	0°25'25"	16°28'28"	17°57'57"	S 5
S 6	23 38 21	22°41'23"	27°10'10"	16°6'6"	13°30'30"	4°54'54"	15°52'52"	14°19'19"	25°12'12"	17°43'43"	22°12'12"	29°35'35"	0°22'22"	16°35'35"	17°54'54"	S 6
M 7	23 42 17	23°40'09"	9°54'54"	16°20'20"	14°44'44"	5°32'32"	16°4'4"	14°17'17"	25°13'13"	17°41'41"	22°12'12"	29°34'34"	0°19'19"	16°42'42"	17°51'51"	M 7
T 8	23 46 14	24°38'57"	22°3'3"	16°27'27"	15°59'59"	6°10'10"	16°15'15"	14°15'15"	25°13'13"	17°39'39"	22°11'11"	29°30'30"	0°16'16"	16°48'48"	17°49'49"	T 8
W 9	23 50 11	25°37'47"	4°10'10"	16°28'28"	17°14'14"	6°48'48"	16°27'27"	14°12'12"	25°14'14"	17°38'38"	22°11'11"	29°24'24"	0°13'13"	16°55'55"	17°46'46"	W 9
T 10	23 54 7	26°36'40"	16°9'9"	16°22'22"	18°29'29"	7°26'26"	16°38'38"	14°10'10"	25°15'15"	17°36'36"	22°10'10"	29°16'16"	0°10'10"	17°2'2"	17°43'43"	T 10
F 11	23 58 4	27°35'34"	28°3'3"	16°9'9"	19°43'43"	8°4'4"	16°50'50"	14°7'7"	25°15'15"	17°34'34"	22°10'10"	29°6'6"	0°6'6"	17°8'8"	17°40'40"	F 11
S 12	0 2 0	28°34'31"	9°56'56"	15°49'49"	20°58'58"	8°42'42"	17°1'1"	14°5'5"	25°16'16"	17°33'33"	22°10'10"	28°54'54"	0°3'3"	17°15'15"	17°37'37"	S 12
S 13	0 5 57	29°33'30"	21°47'47"	15°21'21"	22°13'13"	9°20'20"	17°13'13"	14°2'2"	25°16'16"	17°31'31"	22°9'9"	28°42'42"	29°15'15"	17°22'22"	17°35'35"	S 13
M14	0 9 53	0°32'30"	3°40'40"	14°45'45"	23°28'28"	9°59'59"	17°24'24"	13°59'59"	25°17'17"	17°30'30"	22°9'9"	28°31'31"	29°57'57"	17°29'29"	17°32'32"	M14
T 15	0 13 50	1°31'33"	15°35'35"	14°2'2"	24°43'43"	10°37'37"	17°35'35"	13°57'57"	25°17'17"	17°28'28"	22°9'9"	28°22'22"	29°54'54"	17°35'35"	17°29'29"	T 15
W16	0 17 46	2°30'38"	27°35'35"	13°12'12"	25°58'58"	11°15'15"	17°46'46"	13°54'54"	25°17'17"	17°26'26"	22°8'8"	28°15'15"	29°50'50"	17°42'42"	17°26'26"	W16
T 17	0 21 43	3°29'45"	9°14'14"	12°16'16"	27°13'13"	11°53'53"	17°57'57"	13°51'51"	25°18'18"	17°25'25"	22°8'8"	28°11'11"	29°47'47"	17°49'49"	17°24'24"	T 17
F 18	0 25 40	4°28'54"	21°54'54"	11°14'14"	28°28'28"	12°31'31"	18°8'8"	13°47'47"	25°18'18"	17°23'23"	22°8'8"	28°9'9"	29°44'44"	17°55'55"	17°21'21"	F 18
S 19	0 29 36	5°28'05"	4°20'20"	10°7'7"	29°42'42"	13°9'9"	18°19'19"	13°44'44"	25°18'18"	17°22'22"	22°8'8"	28°D 9'	29°41'41"	18°2'2"	17°18'18"	S 19
S 20	0 33 33	6°27'17"	17°1'1"	8°58'58"	0°57'57"	13°47'47"	18°30'30"	13°41'41"	25°18'18"	17°20'20"	22°8'8"	28°10'10"	29°38'38"	18°9'9"	17°15'15"	S 20
M21	0 37 29	7°26'32"	1°7'7"	7°47'47"	2°12'12"	14°25'25"	18°40'40"	13°38'38"	25°18'18"	17°19'19"	22°7'7"	28°11'11"	29°35'35"	18°16'16"	17°13'13"	M21
T 22	0 41 26	8°25'48"	13°24'24"	6°38'38"	3°27'27"	15°3'3"	18°51'51"	13°34'34"	25°18'18"	17°17'17"	22°7'7"	28°R 11'	29°31'31"	18°22'22"	17°10'10"	T 22
W23	0 45 22	9°25'06"	27°11'11"	5°30'30"	4°42'42"	15°41'41"	19°1'1"	13°31'31"	25°18'18"	17°16'16"	22°7'7"	28°9'9"	29°28'28"	18°29'29"	17°8'8"	W23
T 24	0 49 19	10°24'25"	11°25'25"	4°28'28"	5°57'57"	16°19'19"	19°12'12"	13°27'27"	25°18'18"	17°14'14"	22°7'7"	28°6'6"	29°25'25"	18°36'36"	17°5'5"	T 24
F 25	0 53 15	11°23'47"	2°6'6"	3°31'31"	7°12'12"	16°57'57"	19°22'22"	13°23'23"	25°18'18"	17°13'13"	22°D 7'	28°1'1"	29°22'22"	18°42'42"	17°3'3"	F 25
S 26	0 57 12	12°23'10"	11°1'1"	2°43'43"	8°28'28"	17°35'35"	19°32'32"	13°20'20"	25°17'17"	17°11'11"	22°7'7"	27°54'54"	29°19'19"	18°49'49"	17°0'0"	S 26
S 27	1 1 9	13°22'35"	26°10'10"	2°4'4"	9°43'43"	18°13'13"	19°42'42"	13°16'16"	25°17'17"	17°10'10"	22°7'7"	27°47'47"	29°15'15"	18°56'56"	16°58'58"	S 27
M28	1 5 5	14°22'02"	11°21'21"	1°35'35"	10°58'58"	18°51'51"	19°52'52"	13°12'12"	25°17'17"	17°8'8"	22°7'7"	27°41'41"	29°12'12"	19°3'3"	16°55'55"	M28
T 29	1 9 2	15°21'31"	26°24'24"	1°17'17"	12°13'13"	19°29'29"	20°2'2"	13°8'8"	25°16'16"	17°7'7"	22°7'7"	27°36'36"	29°9'9"	19°9'9"	16°53'53"	T 29
W30	1 12 58	16°21'02"	11°10'10"	1°D 10'	13°28'28"	20°8'8"	20°12'12"	13°8'8"	25°16'16"	17°5'5"	22°7'7"	27°33'33"	29°16'16"	19°16'16"	16°50'50"	W30

Delta T = 227.49 sec

Julian Calendar 1 Sept. 1528 == Greg. Calendar 11 Sept. 1528

## OCTOBER 1528 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	1 16 55	17°42'35"	25°31'31"	1°14'14"	14°43'43"	20°46'46"	20°12'12"	13°R 0'	25°R 16'	17°R 4'	22°8'8"	27°D 32'	29°16'16"	19°23'23"	16°R 48'	T 1
F 2	1 20 51	18°20'11"	9°12'26"	1°29'29"	15°58'58"	21°24'24"	20°32'32"	12°56'56"	25°15'15"	17°3'3"	22°8'8"	27°13'13"	29°0'0"	19°29'29"	16°46'46"	F 2
S 3	1 24 48	19°19'49"	22°52'52"	1°54'54"	17°13'13"	22°2'2"	20°41'41"	12°51'51"	25°14'14"	17°1'1"	22°8'8"	27°34'34"	28°56'56"	19°36'36"	16°43'43"	S 3
S 4	1 28 44	20°19'29"	5°52'52"	2°29'29"	18°28'28"	22°40'40"	20°50'50"	12°47'47"	25°14'14"	17°0'0"	22°8'8"	27°35'35"	28°53'53"	19°43'43"	16°41'41"	S 4
M 5	1 32 41	21°19'12"	18°30'30"	3°13'13"	19°44'44"	23°18'18"	21°0'0"	12°43'43"	25°13'13"	16°59'59"	22°8'8"	27°R 36'	28°50'50"	19°50'50"	16°39'39"	M 5
T 6	1 36 37	22°18'56"	0°12'50"	4°4'4"	20°59'59"	23°56'56"	21°9'9"	12°38'38"	25°12'12"	16°57'57"	22°9'9"	27°36'36"	28°47'47"	19°56'56"	16°37'37"	T 6
W 7	1 40 34	23°18'43"	12°56'56"	5°3'3"	22°14'14"	24°34'34"	21°18'18"	12°34'34"	25°12'12"	16°56'56"	22°9'9"	27°34'34"	28°44'44"	20°3'3"	16°34'34"	W 7
T 8	1 44 31	24°18'33"	24°54'54"	6°9'9"	23°29'29"	25°12'12"	21°27'27"	12°30'30"	25°11'11"	16°55'55"	22°9'9"	27°30'30"	28°41'41"	20°10'10"	16°32'32"	T 8
F 9	1 48 27	25°18'24"	6°14'46"	7°19'19"	24°44'44"	25°50'50"	21°36'36"	12°25'25"	25°10'10"	16°54'54"	22°10'10"	27°26'26"	28°37'37"	20°16'16"	16°30'30"	F 9
S 10	1 52 24	26°18'17"	18°37'37"	8°35'35"	26°0'0"	26°28'28"	21°45'45"	12°20'20"	25°9'9"	16°52'52"	22°10'10"	27°20'20"	28°34'34"	20°23'23"	16°28'28"	S 10
S 11	1 56 20	27°18'13"	0°12'29"	9°55'55"	27°15'15"	27°6'6"	21°53'53"	12°16'16"	25°8'8"	16°51'51"	22°11'11"	27°14'14"	28°31'31"	20°30'30"	16°26'26"	S 11
M12	2 0 17	28°18'11"	12°26'12"	11°18'18"	28°30'30"	27°44'44"	22°2'2"	12°11'11"	25°7'7"	16°50'50"	22°11'11"	27°9'9"	28°28'28"	20°37'37"	16°24'24"	M12
T 13	2 4 13	29°18'11"	24°29'29"	12°45'45"	29°45'45"	28°22'22"	22°10'10"	12°7'7"	25°6'6"	16°49'49"	22°12'12"	27°5'5"	28°25'25"	20°43'43"	16°22'22"	T 13
W14	2 8 10	0°18'18"	6°18'18"	14°14'14"	1°11'11"	29°1'1"	22°19'19"	12°2'2"	25°5'5"	16°48'48"	22°12'12"	27°2'2"	28°21'21"	20°50'50"	16°21'21"	W14
T 15	2 12 6	1°18'16"	18°57'57"	15°44'44"	2°16'16"	29°39'39"	22°27'27"	11°57'57"	25°4'4"	16°47'47"	22°13'13"	27°0'0"	28°18'18"	20°57'57"	16°19'19"	T 15
F 16	2 16 3	2°18'21"	1°27'26"	17°17'17"	3°31'31"	0°17'17"	22°35'35"	11°52'52"	25°2'2"	16°46'46"	22°13'13"	27°D 0'	28°15'15"	21°3'3"	16°17'17"	F 16
S 17	2 20 0	3°18'29"	14°6'6"	18°51'51"	4°47'47"	0°55'55"	22°43'43"	11°48'48"	25°1'1"	16°45'45"	22°14'14"	27°1'1"	28°12'12"	21°10'10"	16°15'15"	S 17
S 18	2 23 56	4°18'37"	27°0'0"	20°26'26"	6°2'2"	1°33'33"	22°50'50"	11°43'43"	25°0'0"	16°44'44"	22°15'15"	27°2'2"	28°9'9"	21°17'17"	16°14'14"	S 18
M19	2 27 53	5°18'48"	10°8'8"	22°1'1"	7°17'17"	2°11'11"	22°58'58"	11°38'38"	24°58'58"	16°43'43"	22°15'15"	27°4'4"	28°6'6"	21°24'24"	16°12'12"	M19
T 20	2 31 49	6°19'00"	23°33'33"	23°38'38"	8°33'33"	2°49'49"	23°5'5"	11°33'33"	24°57'57"	16°42'42"	22°16'16"	27°5'5"	28°2'2"	21°30'30"	16°10'10"	T 20
W21	2 35 46	7°19'14"	7°17'17"	25°14'14"	9°48'48"	3°27'27"	23°13'13"	11°28'28"	24°55'55"	16°41'41"	22°17'17"	27°R 6'	27°59'59"	21°37'37"	16°9'9"	W21
T 22	2 39 42	8°19'29"	21°19'19"	26°51'51"	11°3'3"	4°5'5"	23°20'20"	11°23'23"	24°54'54"	16°40'40"	22°17'17"	27°5'5"	27°56'56"	21°44'44"	16°7'7"	T 22
F 23	2 43 39	9°19'45"	5°13'39"	28°29'29"	12°18'18"	4°43'43"	23°27'27"	11°18'18"	24°52'52"	16°39'39"	22°18'18"	27°4'4"	27°53'53"	21°50'50"	16°6'6"	F 23
S 24	2 47 35	10°20'03"	20°14'14"	0°16'6"	13°34'34"	5°21'21"	23°34'34"	11°14'14"	24°51'51"	16°38'38"	22°19'19"	27°2'2"	27°50'50"	21°57'57"	16°5'5"	S 24
S 25	2 51 32	11°20'22"	4°19'59"	1°43'43"	14°49'49"	5°59'59"	23°41'41"	11°9'9"	24°49'49"	16°37'37"	22°20'20"	27°0'0"	27°47'47"	22°4'4"	16°3'3"	S 25
M26	2 55 29	12°20'43"	19°48'48"	3°21'21"	16°4'4"	6°37'37"	23°47'47"	11°4'4"	24°48'48"	16°37'37"	22°21'21"	26°58'58"	27°43'43"	22°10'10"	16°2'2"	M26
T 27	2 59 25	13°21'06"	4°33'33"	4°58'58"	17°20'20"	7°15'15"	23°54'54"	10°59'59"	24°46'46"	16°36'36"	22°22'22"	26°56'56"	27°40'40"	22°17'17"	16°1'1"	T 27
W28	3 3 22	14°21'30"	19°6'6"	6°35'35"	18°35'35"	7°54'54"	24°0'0"	10°54'54"	24°44'44"	16°35'35"	22°23'23"	26°56'56"	27°37'37"	22°24'24"	16°0'0"	W28
T 29	3 7 18	15°21'55"	3°12'23"	8°12'12"	19°50'50"	8°32'32"	24°6'6"	10°49'49"	24°42'42"	16°35'35"	22°23'23"	26°D 56'	27°34'34"	22°31'31"	15°59'59"	T 29
F 30	3 11 15	16°22'23"	17°17'17"	9°48'48"	21°6'6"	9°10'10"	24°12'12"	10°44'44"	24°40'40"	16°34'34"	22°24'24"	26°56'56"	27°31'31"	22°37'37"	15°57'57"	F 30
S 31	3 15 11	17°17'22'52"	0°54'47"	11°17'25"	22°17'21"	9°14'48"	24°17'18"	10°37'39"	24°17'39"	16°37'33"	22°25'25"	26°17'57"	27°17'27"	22°17'44"	15°57'36"	S 31

# ASTRODIENST EPHEMERIS for the year 1528

## geocentric

NOVEMBER 1528 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	3 19 8	18 <sup>11</sup> 23'24	13 <sup>55</sup> 53	13 <sup>11</sup> 1	23 <sup>11</sup> 36	10 <sup>11</sup> 26	24 <sup>11</sup> 24	10 <sup>11</sup> R35	24 <sup>11</sup> R37	16 <sup>11</sup> R33	22 <sup>11</sup> 26	26 <sup>11</sup> 58	27 <sup>11</sup> 24	22 <sup>11</sup> 51	15 <sup>11</sup> R56	S 1
M 2	3 23 4	19 <sup>11</sup> 23'56	26 <sup>11</sup> 36	14 <sup>11</sup> 37	24 <sup>11</sup> 52	11 <sup>11</sup> 4	24 <sup>11</sup> 29	10 <sup>11</sup> 30	24 <sup>11</sup> 35	16 <sup>11</sup> 32	22 <sup>11</sup> 28	26 <sup>11</sup> 59	27 <sup>11</sup> 21	22 <sup>11</sup> 57	15 <sup>11</sup> 55	M 2
T 3	3 27 1	20 <sup>11</sup> 24'31	9 <sup>11</sup> 1	16 <sup>11</sup> 13	26 <sup>11</sup> 7	11 <sup>11</sup> 42	24 <sup>11</sup> 35	10 <sup>11</sup> 25	24 <sup>11</sup> 33	16 <sup>11</sup> 32	22 <sup>11</sup> 29	26 <sup>11</sup> 59	27 <sup>11</sup> 18	23 <sup>11</sup> 4	15 <sup>11</sup> 54	T 3
W 4	3 30 58	21 <sup>11</sup> 25'07	21 <sup>11</sup> 0	17 <sup>11</sup> 49	27 <sup>11</sup> 22	12 <sup>11</sup> 20	24 <sup>11</sup> 40	10 <sup>11</sup> 20	24 <sup>11</sup> 31	16 <sup>11</sup> 31	22 <sup>11</sup> 30	26 <sup>11</sup> R59	27 <sup>11</sup> 15	23 <sup>11</sup> 11	15 <sup>11</sup> 53	W 4
T 5	3 34 54	22 <sup>11</sup> 25'45	3 <sup>11</sup> 8	19 <sup>11</sup> 24	28 <sup>11</sup> 38	12 <sup>11</sup> 58	24 <sup>11</sup> 45	10 <sup>11</sup> 16	24 <sup>11</sup> 29	16 <sup>11</sup> 31	22 <sup>11</sup> 31	26 <sup>11</sup> 59	27 <sup>11</sup> 12	23 <sup>11</sup> 18	15 <sup>11</sup> 52	T 5
F 6	3 38 51	23 <sup>11</sup> 26'25	15 <sup>11</sup> 1	20 <sup>11</sup> 59	29 <sup>11</sup> 53	13 <sup>11</sup> 36	24 <sup>11</sup> 50	10 <sup>11</sup> 11	24 <sup>11</sup> 27	16 <sup>11</sup> 30	22 <sup>11</sup> 32	26 <sup>11</sup> 59	27 <sup>11</sup> 8	23 <sup>11</sup> 24	15 <sup>11</sup> 52	F 6
S 7	3 42 47	24 <sup>11</sup> 27'07	26 <sup>11</sup> 52	22 <sup>11</sup> 34	1 <sup>11</sup> 8	14 <sup>11</sup> 14	24 <sup>11</sup> 55	10 <sup>11</sup> 6	24 <sup>11</sup> 25	16 <sup>11</sup> 30	22 <sup>11</sup> 33	26 <sup>11</sup> 59	27 <sup>11</sup> 5	23 <sup>11</sup> 31	15 <sup>11</sup> 51	S 7
S 8	3 46 44	25 <sup>11</sup> 27'50	8 <sup>11</sup> 46	24 <sup>11</sup> 9	2 <sup>11</sup> 24	14 <sup>11</sup> 52	24 <sup>11</sup> 59	10 <sup>11</sup> 2	24 <sup>11</sup> 22	16 <sup>11</sup> 29	22 <sup>11</sup> 34	26 <sup>11</sup> 58	27 <sup>11</sup> 2	23 <sup>11</sup> 38	15 <sup>11</sup> 50	S 8
M 9	3 50 40	26 <sup>11</sup> 28'34	20 <sup>11</sup> 46	25 <sup>11</sup> 44	3 <sup>11</sup> 39	15 <sup>11</sup> 30	25 <sup>11</sup> 4	9 <sup>11</sup> 57	24 <sup>11</sup> 20	16 <sup>11</sup> 29	22 <sup>11</sup> 36	26 <sup>11</sup> D58	26 <sup>11</sup> 59	23 <sup>11</sup> 44	15 <sup>11</sup> 50	M 9
T 10	3 54 37	27 <sup>11</sup> 29'20	2 <sup>11</sup> 56	27 <sup>11</sup> 19	4 <sup>11</sup> 54	16 <sup>11</sup> 9	25 <sup>11</sup> 8	9 <sup>11</sup> 52	24 <sup>11</sup> 18	16 <sup>11</sup> 29	22 <sup>11</sup> 37	26 <sup>11</sup> 58	26 <sup>11</sup> 56	23 <sup>11</sup> 51	15 <sup>11</sup> 50	T 10
W 11	3 58 33	28 <sup>11</sup> 30'08	15 <sup>11</sup> 18	28 <sup>11</sup> 53	6 <sup>11</sup> 10	16 <sup>11</sup> 47	25 <sup>11</sup> 12	9 <sup>11</sup> 48	24 <sup>11</sup> 16	16 <sup>11</sup> 29	22 <sup>11</sup> 38	26 <sup>11</sup> 58	26 <sup>11</sup> 52	23 <sup>11</sup> 58	15 <sup>11</sup> 49	W 11
T 12	4 2 30	29 <sup>11</sup> 30'57	27 <sup>11</sup> 52	0 <sup>11</sup> 28	7 <sup>11</sup> 25	17 <sup>11</sup> 25	25 <sup>11</sup> 16	9 <sup>11</sup> 43	24 <sup>11</sup> 14	16 <sup>11</sup> 28	22 <sup>11</sup> 39	26 <sup>11</sup> R58	26 <sup>11</sup> 49	24 <sup>11</sup> 5	15 <sup>11</sup> 49	T 12
F 13	4 6 27	0 <sup>11</sup> 31'47	10 <sup>11</sup> 41	2 <sup>11</sup> 2	8 <sup>11</sup> 41	18 <sup>11</sup> 3	25 <sup>11</sup> 19	9 <sup>11</sup> 39	24 <sup>11</sup> 11	16 <sup>11</sup> 28	22 <sup>11</sup> 41	26 <sup>11</sup> 58	26 <sup>11</sup> 46	24 <sup>11</sup> 11	15 <sup>11</sup> 49	F 13
S 14	4 10 23	1 <sup>11</sup> 32'39	23 <sup>11</sup> 44	3 <sup>11</sup> 36	9 <sup>11</sup> 56	18 <sup>11</sup> 41	25 <sup>11</sup> 23	9 <sup>11</sup> 35	24 <sup>11</sup> 9	16 <sup>11</sup> 28	22 <sup>11</sup> 42	26 <sup>11</sup> 58	26 <sup>11</sup> 43	24 <sup>11</sup> 18	15 <sup>11</sup> 48	S 14
S 15	4 14 20	2 <sup>11</sup> 33'31	7 <sup>11</sup> 3	5 <sup>11</sup> 10	11 <sup>11</sup> 11	19 <sup>11</sup> 19	25 <sup>11</sup> 26	9 <sup>11</sup> 30	24 <sup>11</sup> 7	16 <sup>11</sup> 28	22 <sup>11</sup> 43	26 <sup>11</sup> 57	26 <sup>11</sup> 40	24 <sup>11</sup> 25	15 <sup>11</sup> 48	S 15
M 16	4 18 16	3 <sup>11</sup> 34'25	20 <sup>11</sup> 30	6 <sup>11</sup> 44	12 <sup>11</sup> 27	19 <sup>11</sup> 57	25 <sup>11</sup> 29	9 <sup>11</sup> 26	24 <sup>11</sup> 4	16 <sup>11</sup> 28	22 <sup>11</sup> 45	26 <sup>11</sup> 57	26 <sup>11</sup> 37	24 <sup>11</sup> 31	15 <sup>11</sup> 48	M 16
T 17	4 22 13	4 <sup>11</sup> 35'19	4 <sup>11</sup> 11	8 <sup>11</sup> 18	13 <sup>11</sup> 42	20 <sup>11</sup> 35	25 <sup>11</sup> 32	9 <sup>11</sup> 22	24 <sup>11</sup> 2	16 <sup>11</sup> 28	22 <sup>11</sup> 46	26 <sup>11</sup> 56	26 <sup>11</sup> 33	24 <sup>11</sup> 38	15 <sup>11</sup> D48	T 17
W 18	4 26 9	5 <sup>11</sup> 36'14	18 <sup>11</sup> 3	9 <sup>11</sup> 52	14 <sup>11</sup> 57	21 <sup>11</sup> 13	25 <sup>11</sup> 35	9 <sup>11</sup> 18	24 <sup>11</sup> 0	16 <sup>11</sup> D28	22 <sup>11</sup> 48	26 <sup>11</sup> 55	26 <sup>11</sup> 30	24 <sup>11</sup> 45	15 <sup>11</sup> 48	W 18
T 19	4 30 6	6 <sup>11</sup> 37'10	2 <sup>11</sup> 4	11 <sup>11</sup> 26	16 <sup>11</sup> 13	21 <sup>11</sup> 51	25 <sup>11</sup> 38	9 <sup>11</sup> 14	23 <sup>11</sup> 57	16 <sup>11</sup> 28	22 <sup>11</sup> 49	26 <sup>11</sup> D55	26 <sup>11</sup> 27	24 <sup>11</sup> 51	15 <sup>11</sup> 48	T 19
F 20	4 34 2	7 <sup>11</sup> 38'07	16 <sup>11</sup> 14	13 <sup>11</sup> 0	17 <sup>11</sup> 28	22 <sup>11</sup> 29	25 <sup>11</sup> 40	9 <sup>11</sup> 10	23 <sup>11</sup> 55	16 <sup>11</sup> 28	22 <sup>11</sup> 50	26 <sup>11</sup> 55	26 <sup>11</sup> 24	24 <sup>11</sup> 58	15 <sup>11</sup> 48	F 20
S 21	4 37 59	8 <sup>11</sup> 39'04	0 <sup>11</sup> 29	14 <sup>11</sup> 34	18 <sup>11</sup> 43	23 <sup>11</sup> 7	25 <sup>11</sup> 42	9 <sup>11</sup> 6	23 <sup>11</sup> 52	16 <sup>11</sup> 28	22 <sup>11</sup> 52	26 <sup>11</sup> 55	26 <sup>11</sup> 21	25 <sup>11</sup> 5	15 <sup>11</sup> 49	S 21
S 22	4 41 56	9 <sup>11</sup> 40'02	14 <sup>11</sup> 48	16 <sup>11</sup> 8	19 <sup>11</sup> 59	23 <sup>11</sup> 45	25 <sup>11</sup> 44	9 <sup>11</sup> 2	23 <sup>11</sup> 50	16 <sup>11</sup> 28	22 <sup>11</sup> 53	26 <sup>11</sup> 56	26 <sup>11</sup> 18	25 <sup>11</sup> 12	15 <sup>11</sup> 49	S 22
M 23	4 45 52	10 <sup>11</sup> 41'00	29 <sup>11</sup> 7	17 <sup>11</sup> 42	21 <sup>11</sup> 14	24 <sup>11</sup> 23	25 <sup>11</sup> 46	8 <sup>11</sup> 58	23 <sup>11</sup> 47	16 <sup>11</sup> 28	22 <sup>11</sup> 55	26 <sup>11</sup> 57	26 <sup>11</sup> 14	25 <sup>11</sup> 18	15 <sup>11</sup> 49	M 23
T 24	4 49 49	11 <sup>11</sup> 42'00	13 <sup>11</sup> 23	19 <sup>11</sup> 16	22 <sup>11</sup> 29	25 <sup>11</sup> 1	25 <sup>11</sup> 48	8 <sup>11</sup> 55	23 <sup>11</sup> 45	16 <sup>11</sup> 28	22 <sup>11</sup> 56	26 <sup>11</sup> 58	26 <sup>11</sup> 11	25 <sup>11</sup> 25	15 <sup>11</sup> 50	T 24
W 25	4 53 45	12 <sup>11</sup> 43'00	27 <sup>11</sup> 32	20 <sup>11</sup> 50	23 <sup>11</sup> 45	25 <sup>11</sup> 39	25 <sup>11</sup> 49	8 <sup>11</sup> 51	23 <sup>11</sup> 42	16 <sup>11</sup> 29	22 <sup>11</sup> 58	26 <sup>11</sup> R59	26 <sup>11</sup> 8	25 <sup>11</sup> 32	15 <sup>11</sup> 50	W 25
T 26	4 57 42	13 <sup>11</sup> 44'00	11 <sup>11</sup> 28	22 <sup>11</sup> 24	25 <sup>11</sup> 0	26 <sup>11</sup> 17	25 <sup>11</sup> 51	8 <sup>11</sup> 47	23 <sup>11</sup> 40	16 <sup>11</sup> 29	23 <sup>11</sup> 0	26 <sup>11</sup> 58	26 <sup>11</sup> 5	25 <sup>11</sup> 38	15 <sup>11</sup> 51	T 26
F 27	5 1 38	14 <sup>11</sup> 45'02	25 <sup>11</sup> 10	23 <sup>11</sup> 58	26 <sup>11</sup> 15	26 <sup>11</sup> 55	25 <sup>11</sup> 52	8 <sup>11</sup> 44	23 <sup>11</sup> 37	16 <sup>11</sup> 29	23 <sup>11</sup> 1	26 <sup>11</sup> 57	26 <sup>11</sup> 2	25 <sup>11</sup> 45	15 <sup>11</sup> 51	F 27
S 28	5 5 35	15 <sup>11</sup> 46'04	8 <sup>11</sup> 33	25 <sup>11</sup> 33	27 <sup>11</sup> 31	27 <sup>11</sup> 33	25 <sup>11</sup> 53	8 <sup>11</sup> 41	23 <sup>11</sup> 35	16 <sup>11</sup> 29	23 <sup>11</sup> 3	26 <sup>11</sup> 54	25 <sup>11</sup> 58	25 <sup>11</sup> 52	15 <sup>11</sup> 52	S 28
S 29	5 9 31	16 <sup>11</sup> 47'08	21 <sup>11</sup> 37	27 <sup>11</sup> 7	28 <sup>11</sup> 46	28 <sup>11</sup> 11	25 <sup>11</sup> 53	8 <sup>11</sup> 37	23 <sup>11</sup> 32	16 <sup>11</sup> 30	23 <sup>11</sup> 4	26 <sup>11</sup> 51	25 <sup>11</sup> 55	25 <sup>11</sup> 59	15 <sup>11</sup> 52	S 29
M 30	5 13 28	17 <sup>11</sup> 48'12	4 <sup>11</sup> 21	28 <sup>11</sup> 41	0 <sup>11</sup> 3	28 <sup>11</sup> 49	25 <sup>11</sup> 54	8 <sup>11</sup> 34	23 <sup>11</sup> 30	16 <sup>11</sup> 30	23 <sup>11</sup> 6	26 <sup>11</sup> 51	25 <sup>11</sup> 55	25 <sup>11</sup> 59	15 <sup>11</sup> 53	M 30

Delta T = 227.11 sec

Julian Calendar 1 Nov. 1528 == Greg. Calendar 11 Nov. 1528

DECEMBER 1528 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	5 17 25	18 <sup>11</sup> 49'16	16 <sup>11</sup> 48	0 <sup>11</sup> 15	1 <sup>11</sup> 36	29 <sup>11</sup> 27	25 <sup>11</sup> 54	8 <sup>11</sup> R31	23 <sup>11</sup> R27	16 <sup>11</sup> 31	23 <sup>11</sup> 8	26 <sup>11</sup> R45	25 <sup>11</sup> 49	26 <sup>11</sup> 12	15 <sup>11</sup> 54	T 1
W 2	5 21 21	19 <sup>11</sup> 50'22	28 <sup>11</sup> 59	1 <sup>11</sup> 49	2 <sup>11</sup> 32	0 <sup>11</sup> 5	25 <sup>11</sup> R54	8 <sup>11</sup> 28	23 <sup>11</sup> 25	16 <sup>11</sup> 31	23 <sup>11</sup> 9	26 <sup>11</sup> 42	25 <sup>11</sup> 46	26 <sup>11</sup> 19	15 <sup>11</sup> 55	W 2
T 3	5 25 18	20 <sup>11</sup> 51'28	10 <sup>11</sup> 59	3 <sup>11</sup> 23	3 <sup>11</sup> 47	0 <sup>11</sup> 43	25 <sup>11</sup> 54	8 <sup>11</sup> 25	23 <sup>11</sup> 22	16 <sup>11</sup> 32	23 <sup>11</sup> 11	26 <sup>11</sup> 41	25 <sup>11</sup> 43	26 <sup>11</sup> 25	15 <sup>11</sup> 56	T 3
F 4	5 29 14	21 <sup>11</sup> 52'36	22 <sup>11</sup> 52	4 <sup>11</sup> 57	5 <sup>11</sup> 2	1 <sup>11</sup> 21	25 <sup>11</sup> 54	8 <sup>11</sup> 22	23 <sup>11</sup> 19	16 <sup>11</sup> 32	23 <sup>11</sup> 13	26 <sup>11</sup> D40	25 <sup>11</sup> 39	26 <sup>11</sup> 32	15 <sup>11</sup> 57	F 4
S 5	5 33 11	22 <sup>11</sup> 53'44	4 <sup>11</sup> 43	6 <sup>11</sup> 30	6 <sup>11</sup> 18	1 <sup>11</sup> 59	25 <sup>11</sup> 53	8 <sup>11</sup> 19	23 <sup>11</sup> 17	16 <sup>11</sup> 33	23 <sup>11</sup> 14	26 <sup>11</sup> 41	25 <sup>11</sup> 36	26 <sup>11</sup> 39	15 <sup>11</sup> 58	S 5
S 6	5 37 7	23 <sup>11</sup> 54'52	16 <sup>11</sup> 37	8 <sup>11</sup> 4	7 <sup>11</sup> 33	2 <sup>11</sup> 37	25 <sup>11</sup> 53	8 <sup>11</sup> 17	23 <sup>11</sup> 14	16 <sup>11</sup> 33	23 <sup>11</sup> 16	26 <sup>11</sup> 42	25 <sup>11</sup> 33	26 <sup>11</sup> 45	15 <sup>11</sup> 59	S 6
M 7	5 41 4	24 <sup>11</sup> 56'02	28 <sup>11</sup> 39	9 <sup>11</sup> 36	8 <sup>11</sup> 48	3 <sup>11</sup> 15	25 <sup>11</sup> 52	8 <sup>11</sup> 14	23 <sup>11</sup> 12	16 <sup>11</sup> 34	23 <sup>11</sup> 18	26 <sup>11</sup> 44	25 <sup>11</sup> 30	26 <sup>11</sup> 52	16 <sup>11</sup> 0	M 7
T 8	5 45 0	25 <sup>11</sup> 57'12	10 <sup>11</sup> 53	11 <sup>11</sup> 9	10 <sup>11</sup> 3	3 <sup>11</sup> 53	25 <sup>11</sup> 51	8 <sup>11</sup> 12	23 <sup>11</sup> 9	16 <sup>11</sup> 35	23 <sup>11</sup> 20	26 <sup>11</sup> 46	25 <sup>11</sup> 27	26 <sup>11</sup> 59	16 <sup>11</sup> 1	T 8
W 9	5 48 57	26 <sup>11</sup> 58'22	23 <sup>11</sup> 22	12 <sup>11</sup> 40	11 <sup>11</sup> 19	4 <sup>11</sup> 31	25 <sup>11</sup> 50	8 <sup>11</sup> 9	23 <sup>11</sup> 7	16 <sup>11</sup> 35	23 <sup>11</sup> 21	26 <sup>11</sup> R47	25 <sup>11</sup> 24	27 <sup>11</sup> 6	16 <sup>11</sup> 2	W 9
T 10	5 52 54	27 <sup>11</sup> 59'33	6 <sup>11</sup> 10	14 <sup>11</sup> 11	12 <sup>11</sup> 34	5 <sup>11</sup> 9	25 <sup>11</sup> 48	8 <sup>11</sup> 7	23 <sup>11</sup> 4	16 <sup>11</sup> 36	23 <sup>11</sup> 23	26 <sup>11</sup> 46	25 <sup>11</sup> 20	27 <sup>11</sup> 12	16 <sup>11</sup> 4	T 10
F 11	5 56 50	29 <sup>11</sup> 0'45	19 <sup>11</sup> 17	15 <sup>11</sup> 41	13 <sup>11</sup> 49	5 <sup>11</sup> 47	25 <sup>11</sup> 46	8 <sup>11</sup> 5	23 <sup>11</sup> 1	16 <sup>11</sup> 37	23 <sup>11</sup> 25	26 <sup>11</sup> 45	25 <sup>11</sup> 17	27 <sup>11</sup> 19	16 <sup>11</sup> 5	F 11
S 12	6 0 47	0 <sup>11</sup> 3'56	2 <sup>11</sup> 34	17 <sup>11</sup> 9	15 <sup>11</sup> 4	6 <sup>11</sup> 25	25 <sup>11</sup> 45	8 <sup>11</sup> 3	22 <sup>11</sup> 59	16 <sup>11</sup> 38	23 <sup>11</sup> 27	26 <sup>11</sup> 41	25 <sup>11</sup> 14	27 <sup>11</sup> 26	16 <sup>11</sup> 6	S 12
S 13	6 4 43	1 <sup>11</sup> 3'08	16 <sup>11</sup> 28	18 <sup>11</sup> 36	16 <sup>11</sup> 20	7 <sup>11</sup> 3	25 <sup>11</sup> 43	8 <sup>11</sup> 1	22 <sup>11</sup> 56	16 <sup>11</sup> 38	23 <sup>11</sup> 29	26 <sup>11</sup> 36	25 <sup>11</sup> 11	27 <sup>11</sup> 32	16 <sup>11</sup> 8	S 13
M 14	6 8 40	2 <sup>11</sup> 4'20	0 <sup>11</sup> 26	20 <sup>11</sup> 1	17 <sup>11</sup> 35	7 <sup>11</sup> 41	25 <sup>11</sup> 40	7 <sup>11</sup> 59	22 <sup>11</sup> 54	16 <sup>11</sup> 39	23 <sup>11</sup> 31	26 <sup>11</sup> 30	25 <sup>11</sup> 8	27 <sup>11</sup> 39	16 <sup>11</sup> 9	M 14
T 15	6 12 36	3 <sup>11</sup> 5'32	14 <sup>11</sup> 35	21 <sup>11</sup> 24	18 <sup>11</sup> 50	8 <sup>11</sup> 19	25 <sup>11</sup> 38	7 <sup>11</sup> 57	22 <sup>11</sup> 51	16 <sup>11</sup> 40	23 <sup>11</sup> 32	26 <sup>11</sup> 24	25 <sup>11</sup> 4	27 <sup>11</sup> 46	16 <sup>11</sup> 11	T 15
W 16	6 16 33	4 <sup>11</sup> 6'44	28 <sup>11</sup> 49	22 <sup>11</sup> 44	20 <sup>11</sup> 5	8 <sup>11</sup> 57	25 <sup>11</sup> 35	7 <sup>11</sup> 55	22 <sup>11</sup> 49	16 <sup>11</sup> 41	23 <sup>11</sup> 34	26 <sup>11</sup> 19	25 <sup>11</sup> 1	27 <sup>11</sup> 53	16 <sup>11</sup> 13	W 16
T 17	6 20 30	5 <sup>11</sup> 7'55	13 <sup>11</sup> 4	24 <sup>11</sup> 1	21 <sup>11</sup> 21	9 <sup>11</sup> 35	25 <sup>11</sup> 32	7 <sup>11</sup> 54	22 <sup>11</sup> 46	16 <sup>11</sup> 42	23 <sup>11</sup> 36	26 <sup>11</sup> 15	24 <sup>11</sup> 58	27 <sup>11</sup> 59	16 <sup>11</sup> 14	T 17
F 18	6 24 26	6 <sup>11</sup> 9'06	27 <sup>11</sup> 17	25 <sup>11</sup> 14	22 <sup>11</sup> 36	10 <sup>11</sup> 13	25 <sup>11</sup> 30	7 <sup>11</sup> 52	22 <sup>11</sup> 44	16 <sup>11</sup> 43	23 <sup>11</sup> 38	26 <sup>11</sup> 13	24 <sup>11</sup> 55	28 <sup>11</sup> 6	16 <sup>11</sup> 16	F 18
S 19	6 28 23	7 <sup>11</sup> 10'17	11 <sup>11</sup> 25	26 <sup>11</sup> 23	23 <sup>11</sup> 51	10 <sup>11</sup> 50	25 <sup>11</sup> 26	7 <sup>11</sup> 51	22 <sup>11</sup> 41	16 <sup>11</sup> 44	23 <sup>11</sup> 40	26 <sup>11</sup> D13	24 <sup>11</sup> 52	28 <sup>11</sup> 13	16 <sup>11</sup> 18	S 19
S 20	6 32 19	8 <sup>11</sup> 11'28	25 <sup>11</sup> 28	27 <sup>11</sup> 27	25 <sup>11</sup> 6	11 <sup>11</sup> 28	25 <sup>11</sup> 23	7 <sup>11</sup> 50	22 <sup>11</sup> 39	16 <sup>11</sup> 45	23 <sup>11</sup> 42	26 <sup>11</sup> 14	24 <sup>11</sup> 49	28 <sup>11</sup> 19	16 <sup>11</sup> 20	S 20
M 21	6 36 16	9 <sup>11</sup> 12'38	9 <sup>11</sup> 24	28 <sup>11</sup> 26	26 <sup>11</sup> 21	12 <sup>11</sup> 6	25 <sup>11</sup> 19	7 <sup>11</sup> 49	22 <sup>11</sup> 36	16 <sup>11</sup> 46	23 <sup>11</sup> 44	26 <sup>11</sup> 15	24 <sup>11</sup> 45	28 <sup>11</sup> 26	16 <sup>11</sup> 22	M 21
T 22	6 40 12	10 <sup>11</sup> 13'47	23 <sup>11</sup> 12	29 <sup>11</sup> 17	27 <sup>11</sup> 36	12 <sup>11</sup> 44	25 <sup>11</sup> 16	7 <sup>11</sup> 48	22 <sup>11</sup> 34	16 <sup>11</sup> 47	23 <sup>11</sup> 45	26 <sup>11</sup> R16	24 <sup>11</sup> 42	28 <sup>11</sup> 33	16 <sup>11</sup> 23	T 22
W 23	6 44 9	11 <sup>11</sup> 14'56	6 <sup>11</sup> 15	0 <sup>11</sup> 22	28 <sup>11</sup> 51	13 <sup>11</sup> 22	25 <sup>11</sup> 12	7 <sup>11</sup> 47	22 <sup>11</sup> 32	16 <sup>11</sup> 49	23 <sup>11</sup> 47	26 <sup>11</sup> 16	24 <sup>11</sup> 39	28 <sup>11</sup> 39	16 <sup>11</sup> 25	W 23
T 24	6 48 5	12 <sup>11</sup> 16'05	20 <sup>11</sup> 21	0 <sup>11</sup> 37	0 <sup>11</sup> 22	14 <sup>11</sup> 0	25 <sup>11</sup> 8	7 <sup>11</sup> 46	22 <sup>11</sup> 29	16 <sup>11</sup> 50	23 <sup>11</sup> 49	26 <sup>11</sup> 13	24 <sup>11</sup> 36	28 <sup>11</sup> 46	16 <sup>11</sup> 27	T 24
F 25	6 52 2	13 <sup>11</sup> 17'14	3 <sup>11</sup> 40	1 <sup>11</sup> 4	1 <sup>11</sup> 22	14 <sup>11</sup> 37	25 <sup>11</sup> 3	7 <sup>11</sup> 46	22 <sup>11</sup> 27	16 <sup>11</sup> 51	23 <sup>11</sup> 51	26 <sup>11</sup> 8	24 <sup>11</sup> 33	28 <sup>11</sup> 53	16 <sup>11</sup> 30	F 25
S 26	6 55 59	14 <sup>11</sup> 18'22	16 <sup>11</sup> 46	1 <sup>11</sup> 20	2 <sup>11</sup> 37	15 <sup>11</sup> 15	24 <sup>11</sup> 59	7 <sup>11</sup> 45	22 <sup>11</sup> 24	16 <sup>11</sup> 52	23 <sup>11</sup> 53	26 <sup>11</sup> 1	24 <sup>11</sup> 30	29 <sup>11</sup> 0	16 <sup>11</sup> 32	S 26
S 27	6 59 55	15 <sup>11</sup> 19'29	29 <sup>11</sup> 38	1 <sup>11</sup> R26	3 <sup>11</sup> 52	15 <sup>11</sup> 53	24 <sup>11</sup> 54	7 <sup>11</sup> 45	22 <sup>11</sup> 22	16 <sup>11</sup> 54	23 <sup>11</sup> 55	25 <sup>11</sup> 52	24 <sup>11</sup> 26	29 <sup>11</sup> 6	16 <sup>11</sup> 34	S 27
M 28	7 3 52	16 <sup>11</sup> 20'37	12 <sup>11</sup> 15	1 <sup>11</sup> 20	5 <sup>11</sup> 7	16 <sup>11</sup> 31	24 <sup>11</sup> 50	7 <sup>11</sup> 44	22 <sup>11</sup> 20	16 <sup>11</sup> 55	23 <sup>11</sup> 57	25 <sup>11</sup> 42	24 <sup>11</sup> 23	29 <sup>11</sup> 13	16 <sup>11</sup> 36	M 28
T 29	7 7 48	17 <sup>11</sup> 21'44	24 <sup>11</sup> 38	1 <sup>11</sup> 3	6 <sup>11</sup> 22	17 <sup>11</sup> 9	24 <sup>11</sup> 45	7 <sup>11</sup> 44	22 <sup>11</sup> 18	16 <sup>11</sup> 56	23 <sup>11</sup> 59	25 <sup>11</sup> 33	24 <sup>11</sup> 20	29 <sup>11</sup> 20	16 <sup>11</sup> 38	T 29
W 30	7 11 45	18 <sup>11</sup> 22'50	6 <sup>11</sup> 48	0 <sup>11</sup> 33	7 <sup>11</sup> 37	17 <sup>11</sup> 46	24 <sup>11</sup> 40	7 <sup>11</sup> D44	22 <sup>11</sup> 15	16 <sup>11</sup> 58	24 <sup>11</sup> 1	25 <sup>11</sup> 24	24 <sup>11</sup> 17	29 <sup>11</sup> 26	16 <sup>11</sup> 41	W 30
T 31	7 15 41	19 <sup>11</sup> 23'57	18 <sup>11</sup> 48	29 <sup>11</sup> 53	8 <sup>11</sup> 52	18 <sup>11</sup> 24	24 <sup>11</sup> 35	7 <sup>11</sup> D44	22 <sup>11</sup> 13	16 <sup>11</sup> 59	24 <sup>11</sup> 3	25 <sup>11</sup> 17	24 <sup>11</sup> 14	29 <sup>11</sup> 33	16 <sup>11</sup> 43	T 31