

SWISS EPHEMERIS for the year 1824

JANUARY 1824

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
T 1	6 38 25	9°35'31	5°53	20°26	23°11	3°22	5°R36	17°R17	11°35	7°14	0°Y 3	18°R36	19°3 7	18°52	9°Y26	
F 2	6 42 21	10°36'42	17°46	22° 3	24° 9	3°45	5°28	17°15	11°39	7°16	0° 4	18°D35	19° 3	1°59	9°27	
S 3	6 46 18	11°37'54	29°35	23°41	25°15	4° 8	5°20	17°13	11°42	7°19	0° 4	18°36	19° 0	2° 5	9°28	
S 4	6 50 15	12°39'05	11°22	25°18	26°20	4°30	5°12	17°11	11°46	7°21	0° 5	18°36	18°57	2°12	9°28	
M 5	6 54 11	13°40'16	23°10	26°55	27°26	4°52	5° 4	17°10	11°49	7°23	0° 5	18°37	18°54	2°19	9°29	
T 6	6 58 8	14°41'26	5°H 1	28°31	28°32	5°14	4°56	17° 8	11°53	7°25	0° 6	18°37	18°51	2°25	9°30	
W 7	7 2 4	15°42'37	17° 0	0°7 7	29°38	5°35	4°48	17° 7	11°56	7°28	0° 6	18°38	18°47	2°32	9°31	
T 8	7 6 1	16°43'46	29° 9	1°42	0°744	5°56	4°40	17° 6	12° 0	7°30	0° 7	18°38	18°44	2°39	9°32	
F 9	7 9 57	17°44'55	11°Y35	3°16	1°51	6°16	4°32	17° 4	12° 4	7°32	0° 7	18°38	18°41	2°45	9°33	
S 10	7 13 54	18°46'04	24°20	4°49	2°58	6°36	4°25	17° 3	12° 7	7°34	0° 8	18°38	18°38	2°52	9°34	
S 11	7 17 50	19°47'12	7°B28	6°20	4° 5	6°56	4°17	17° 2	12°11	7°37	0° 9	18°38	18°35	2°59	9°35	
M12	7 21 47	20°48'20	21° 3	7°49	5°12	7°16	4°10	17° 2	12°14	7°39	0° 9	18°38	18°32	3° 5	9°36	
T 13	7 25 44	21°49'26	5°II 5	9°16	6°19	7°35	4° 2	17° 1	12°18	7°41	0°10	18°38	18°28	3°12	9°38	
W14	7 29 40	22°50'33	18°34	10°40	7°27	7°53	3°55	17° 0	12°21	7°43	0°11	18°39	18°25	3°19	9°39	
T 15	7 33 37	23°51'38	4°26	12° 1	8°35	8°11	3°48	17° 0	12°25	7°46	0°11	18°39	18°22	3°25	9°40	
F 16	7 37 33	24°52'43	19°33	13°17	9°43	8°29	3°41	16°59	12°28	7°48	0°12	18°R39	18°19	3°32	9°42	
S 17	7 41 30	25°53'47	4°L47	14°29	10°51	8°47	3°34	16°59	12°32	7°50	0°13	18°39	18°16	3°38	9°43	
S 18	7 45 26	26°54'51	19°59	15°36	11°59	9° 4	3°27	16°59	12°35	7°52	0°14	18°38	18°13	3°45	9°45	
M19	7 49 23	27°55'54	4°M58	16°36	13° 7	9°20	3°20	16°D59	12°39	7°54	0°14	18°37	18° 9	3°52	9°46	
T 20	7 53 20	28°56'57	19°38	17°29	14°16	9°36	3°13	16°59	12°42	7°56	0°15	18°36	18° 6	3°58	9°48	
W21	7 57 16	29°57'59	3°L52	18°15	15°25	9°52	3° 7	16°59	12°46	7°59	0°16	18°35	18° 3	4° 5	9°49	
T 22	8 1 13	0°59'00	17°40	18°51	16°34	10° 7	3° 0	16°59	12°49	8° 1	0°17	18°34	18° 0	4°12	9°51	
F 23	8 5 9	2° 0'02	1°M 0	19°18	17°43	10°22	2°54	17° 0	12°53	8° 3	0°18	18°D34	17°57	4°18	9°53	
S 24	8 9 6	3° 1'02	13°57	19°35	18°52	10°36	2°48	17° 0	12°56	8° 5	0°19	18°34	17°53	4°25	9°55	
S 25	8 13 2	4° 2'03	26°32	19°R41	20° 2	10°50	2°42	17° 1	13° 0	8° 7	0°19	18°35	17°50	4°32	9°56	
M26	8 16 59	5° 3'02	8°L51	19°35	21°11	11° 3	2°36	17° 1	13° 3	8° 9	0°20	18°36	17°47	4°38	9°58	
T 27	8 20 55	6° 4'01	20°57	19°18	22°21	11°16	2°30	17° 2	13° 6	8°11	0°21	18°38	17°44	4°45	10° 0	
W28	8 24 52	7° 5'00	2°S54	18°50	23°30	11°28	2°25	17° 3	13°10	8°13	0°22	18°39	17°41	4°52	10° 2	
T 29	8 28 49	8° 5'57	14°44	18°12	24°40	11°39	2°19	17° 4	13°13	8°15	0°23	18°R40	17°38	4°58	10° 4	
F 30	8 32 45	9° 6'53	26°32	17°23	25°50	11°50	2°14	17° 5	13°16	8°17	0°24	18°40	17°34	5° 5	10° 6	
S 31	8 36 42	10°7'49	8°M19	16°26	27°L 0	12°L 1	2°9 9	17°B 7	13°20	8°19	0°Y25	18°38	17°31	5°12	10°Y 9	

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl
T 1	23s 7	24s30	1s10	24s 2	2s 9	15s33	3n 7	0n54	2n27	23n17	0s 4	14n47	2s19	23s18	0s21	22s20
F 2	23 2 22 21	0 5 23 46	2 8 15 49	3 6 0 46	2 28 23 17	0 4 14 47	2 19 23 18	0 21 22 20	0 56 15 0	16 25 22 10	22 6 18 37	5 29 1 54				
S 3	22 57 19 16	1n 1 23 28	2 7 16 5	3 6 0 38	2 29 23 18	0 4 14 46	2 19 23 18	0 21 22 20	0 56 14 59	16 24 22 10	22 7 18 35	5 30 1 54				
S 4	22 52 15 25	2 3 23 9	2 5 16 21	3 5 0 30	2 30 23 18	0 3 14 46	2 18 23 18	0 21 22 20	0 56 14 59	16 24 22 10	22 7 18 32	5 30 1 53				
M 5	22 46 10 58	3 1 22 48	2 3 16 37	3 4 0 23	2 31 23 19	0 3 14 46	2 18 23 17	0 21 22 19	0 56 14 58	16 24 22 10	22 8 18 30	5 30 1 53				
T 6	22 39 6 6	3 5 12 26	2 0 16 52	3 3 0 15	2 32 23 19	0 3 14 46	2 18 23 17	0 21 22 19	0 56 14 58	16 23 22 10	22 8 18 28	5 30 1 53				
W 7	22 32 0 59	4 3 12 2	1 56 17 8	3 2 0 7	2 33 23 19	0 3 14 46	2 18 23 17	0 21 22 19	0 56 14 57	16 23 22 10	22 9 18 25	5 30 1 53				
T 8	22 25 4n15	5 0 21 37	1 52 17 22	3 1 0 0	2 34 23 20	0 3 14 46	2 17 23 16	0 21 22 19	0 56 14 57	16 23 22 10	22 9 18 23	5 30 1 53				
F 9	22 17 9 25	5 16 21 10	1 46 17 37	3 0 0s 7	2 35 23 20	0 3 14 46	2 17 23 16	0 21 22 19	0 56 14 56	16 22 22 10	22 10 18 21	5 31 1 53				
S 10	22 9 14 20	5 17 20 42	1 41 17 51	2 58 0 14	2 36 23 21	0 3 14 46	2 17 23 16	0 21 22 19	0 56 14 56	16 22 22 10	22 10 18 18	5 31 1 52				
S 11	22 0 18 45	5 1 20 13	1 34 18 5	2 57 0 21	2 37 23 21	0 2 14 46	2 16 23 15	0 21 22 19	0 56 14 55	16 22 22 10	22 10 18 16	5 31 1 52				
M12	21 51 22 21	4 29 19 43	1 27 18 19	2 55 0 28	2 38 23 22	0 2 14 46	2 16 23 15	0 21 22 19	0 56 14 55	16 21 22 10	22 11 18 13	5 32 1 52				
T 13	21 42 24 46	3 40 19 13	1 18 18 32	2 53 0 34	2 39 23 22	0 2 14 46	2 16 23 15	0 21 22 18	0 56 14 54	16 21 22 10	22 11 18 11	5 32 1 52				
W14	21 32 25 38	2 35 18 41	1 9 18 45	2 51 0 40	2 40 23 22	0 2 14 46	2 16 23 14	0 21 22 18	0 56 14 54	16 21 22 10	22 12 18 9	5 32 1 52				
T 15	21 21 24 42	1 18 18 9	0 59 18 58	2 49 0 47	2 42 23 22	0 2 14 46	2 15 23 14	0 21 22 18	0 56 14 53	16 20 22 10	22 12 18 6	5 33 1 52				
F 16	21 10 21 57	0s 5 17 37	0 48 19 10	2 47 0 53	2 43 23 23	0 2 14 46	2 15 23 14	0 21 22 18	0 56 14 52	16 20 22 10	22 13 18 4	5 33 1 51				
S 17	20 59 17 39	1 29 17 4	0 36 19 22	2 45 0 59	2 44 23 23	0 2 14 46	2 15 23 13	0 21 22 18	0 56 14 52	16 20 22 10	22 13 18 2	5 33 1 51				
S 18	20 48 12 13	2 46 16 32	0 23 19 34	2 43 1 4	2 45 23 24	0 1 14 46	2 14 23 13	0 21 22 18	0 56 14 51	16 20 22 10	22 13 17 59	5 34 1 51				
M19	20 36 6 8	3 50 16 1	0 9 19 45	2 41 1 10	2 46 23 24	0 1 14 47	2 14 23 13	0 21 22 18	0 56 14 51	16 19 22 10	22 14 17 57	5 34 1 51				
T 20	20 23 0s 9	4 38 15 31	0n 6 19 55	2 38 1 15	2 47 23 24	0 1 14 47	2 14 23 12	0 21 22 18	0 56 14 50	16 19 22 10	22 14 17 55	5 35 1 51				
W21	20 11 6 14	5 7 15 2	0 21 20 5	2 36 1 20	2 48 23 25	0 1 14 47	2 14 23 12	0 21 22 17	0 56 14 49	16 19 22 10	22 15 17 52	5 35 1 51				
T 22	19 58 11 49	5 17 14 35	0 38 20 15	2 33 1 25	2 49 23 25	0 1 14 48	2 13 23 12	0 21 22 17	0 56 14 49	16 18 22 10	22 15 17 50	5 36 1 50				
F 23	19 44 16 40	5 10 14 11	0 55 20 24	2 30 1 30	2 50 23 25	0 1 14 48	2 13 23 12	0 21 22 17	0 56 14 48	16 18 22 11	22 16 17 47	5 36 1 50				
S 24	19 30 20 36	4 47 13 49	1 12 20 33	2 28 1 34	2 51 23 25	0 1 14 49	2 13 23 11	0 21 22 17	0 56 14 48	16 18 22 10	22 16 17 45	5 37 1 50				
S 25	19 16 23 27	4 10 13 30	1 30 20 41	2 25 1 39	2 52 23 26	0 0 14 49	2 12 23 11	0 21 22 17	0 56 14 47	16 17 22 10	22 16 17 43	5 38 1 50				
M26	19 1 25 9	3 23 13 15	1 48 20 49	2 22 1 43	2 54 23 26	0 0 14 49	2 12 23 11	0 21 22 17	0 56 14 46	16 17 22 10	22 17 17 40	5 38 1 50				
T 27	18 46 25 36	2 28 13 3	2 6 20 56	2 19 1 47	2 55 23 26	0 0 14 50	2 12 23 10	0 21 22 17	0 56 14 46	16 17 22 10	22 17 17 38	5 39 1 50				
W28	18 31 24 52	1 26 12 56	2 23 21 2	2 16 1 51	2 56 23 26	0 0 14 51	2 11 23 10	0 21 22 17	0 56 14 45	16 17 22 10	22 18 17 35	5 39 1 49				
T 29	18 16 23 0	0 22 12 52	2 39 21 8	2 13 1 54	2 57 23 27	0n 0 14 51	2 11 23 10	0 21 22 16	0 56 14 44	16 16 22 10	22 18 17 33	5 40 1 49				
F 30	18 0 20 9	0n43 12 53	2 54 21 14	2 10 1 57	2 58 23 27	0 0 14 52	2 11 23 9	0 21 22 16	0 56 14 44	16 16 22 10	22 18 17 31	5 41 1 49				
S 31	17s43 16s29	1n46 12s57	3n 7 21s19	2n 7 2s 0	2n59 23n27	0n 0 14n52	2s11 23s 9	0s21 22s16	0n56 14s43	16s16 22s10	22s19 17s28	5n41 1n49				

Julian Day Number = 2387261.5, Delta T = 10.29 sec
 Ecliptic obliquity = 23°27'46, Nutation = 0°00'17
 Ayanamsha: Fagan/Bradley = 22°16'58, Lahiri = 21°23'58

SWISS EPHEMERIS for the year 1824

FEBRUARY 1824

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁
S 1	8 40 38	11♈8'43	20♋8	15°R22	28♌10	12♍11	2°R 4	17♎8	13♏23	8♐21	0♑26	18°R36	17♒28	5♓18	10♔11
M 2	8 44 35	12° 9'36	2♈1	14♋13	29♌1	12°20	2♎0	17°10	13°26	8°23	0°27	18♒32	17°25	5°25	10°13
T 3	8 48 31	13°10'28	13°59	13° 1	0♌31	12°29	1°55	17°11	13°30	8°25	0°28	18°28	17°22	5°32	10°15
W 4	8 52 28	14°11'19	26° 4	11°48	1°41	12°37	1°51	17°13	13°33	8°27	0°30	18°24	17°19	5°38	10°18
T 5	8 56 24	15°12'08	8♑20	10°36	2°52	12°44	1°47	17°15	13°36	8°29	0°31	18°19	17°15	5°45	10°20
F 6	9 0 21	16°12'55	20°48	9°27	4° 3	12°51	1°43	17°17	13°39	8°31	0°32	18°16	17°12	5°52	10°22
S 7	9 4 17	17°13'42	3♋32	8°22	5°13	12°57	1°39	17°19	13°42	8°33	0°33	18°14	17° 9	5°58	10°25
S 8	9 8 14	18°14'26	16°34	7°24	6°24	13° 3	1°35	17°21	13°45	8°35	0°34	18°D13	17° 6	6° 5	10°27
M 9	9 12 11	19°15'09	29°58	6°32	7°35	13° 7	1°32	17°23	13°48	8°37	0°35	18°13	17° 3	6°11	10°30
T 10	9 16 7	20°15'51	13♐46	5°48	8°46	13°12	1°29	17°26	13°51	8°38	0°36	18°14	16°59	6°18	10°32
W 11	9 20 4	21°16'31	27°59	5°11	9°57	13°15	1°26	17°28	13°55	8°40	0°38	18°16	16°56	6°25	10°35
T 12	9 24 0	22°17'09	12♉35	4°43	11° 8	13°18	1°23	17°31	13°58	8°42	0°39	18°R17	16°53	6°31	10°38
F 13	9 27 57	23°17'46	27°31	4°23	12°19	13°20	1°20	17°33	14° 1	8°44	0°40	18°17	16°50	6°38	10°40
S 14	9 31 53	24°18'20	12♌40	4°10	13°30	13°21	1°18	17°36	14° 3	8°46	0°41	18°15	16°47	6°45	10°43
S 15	9 35 50	25°18'54	27°53	4°D 5	14°42	13°R22	1°15	17°39	14° 6	8°47	0°42	18°11	16°44	6°51	10°46
M 16	9 39 47	26°19'25	13♎0	4° 7	15°53	13°22	1°13	17°42	14° 9	8°49	0°44	18° 6	16°40	6°58	10°48
T 17	9 43 43	27°19'56	27°51	4°15	17° 5	13°21	1°11	17°45	14°12	8°51	0°45	18° 0	16°37	7° 5	10°51
W 18	9 47 40	28°20'24	12♍19	4°30	18°16	13°20	1°10	17°48	14°15	8°52	0°46	17°54	16°34	7°11	10°54
T 19	9 51 36	29°20'52	26°19	4°51	19°28	13°17	1° 8	17°52	14°18	8°54	0°48	17°48	16°31	7°18	10°57
F 20	9 55 33	0♈21'18	9♎49	5°17	20°39	13°14	1° 7	17°55	14°20	8°55	0°49	17°44	16°28	7°25	11° 0
S 21	9 59 29	1°21'43	22°52	5°48	21°51	13°11	1° 6	17°59	14°23	8°57	0°50	17°42	16°25	7°31	11° 3
S 22	10 3 26	2°22'06	5♌29	6°24	23° 3	13° 6	1° 5	18° 2	14°26	8°59	0°52	17°D42	16°21	7°38	11° 6
M 23	10 7 22	3°22'28	17°46	7° 4	24°14	13° 1	1° 4	18° 6	14°29	9° 0	0°53	17°43	16°18	7°45	11° 9
T 24	10 11 19	4°22'49	29°49	7°49	25°26	12°54	1° 4	18°10	14°31	9° 2	0°54	17°44	16°15	7°51	11°12
W 25	10 15 16	5°23'08	11♒41	8°37	26°38	12°47	1° 4	18°14	14°34	9° 3	0°56	17°R45	16°12	7°58	11°15
T 26	10 19 12	6°23'26	23°28	9°28	27°50	12°40	1°D 4	18°18	14°36	9° 5	0°57	17°45	16° 9	8° 5	11°18
F 27	10 23 9	7°23'42	5♋14	10°23	29° 2	12°31	1° 4	18°22	14°39	9° 6	0°58	17°44	16° 5	8°11	11°21
S 28	10 27 5	8°23'56	17° 3	11°20	0♋14	12°22	1° 4	18°26	14°41	9° 7	1° 0	17°39	16° 2	8°18	11°24
S 29	10 31 2	9♈24'09	28♋56	12°20	1♋26	12°12	1° 5	18♎30	14♏44	9♐ 9	1° 1	17♒33	15♓59	8♔25	11° 28

Day	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁	♁
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
S 1	17s27	12s10	2n45	13s 5	3n18	21s24	2n 3	2s 3	3n 0	23n27	0n 0	14n53	2s10	23s 9	0s21
M 2	17 10	7 24	3 37	13 16	3 28	21 27	2 0	2 6	3 1	23 27	0 1	14 54	2 10	23 8	0 21
T 3	16 53	2 19	4 19	13 30	3 34	21 31	1 57	2 8	3 2	23 28	0 1	14 55	2 10	23 8	0 21
W 4	16 35	2n53	4 50	13 46	3 39	21 34	1 54	2 10	3 3	23 28	0 1	14 55	2 9	23 8	0 22
T 5	16 18	8 2	5 9	14 3	3 41	21 36	1 50	2 12	3 5	23 28	0 1	14 56	2 9	23 7	0 22
F 6	16 0	12 58	5 13	14 22	3 40	21 37	1 47	2 14	3 6	23 28	0 1	14 57	2 9	23 7	0 22
S 7	15 41	17 26	5 3	14 41	3 38	21 38	1 43	2 15	3 7	23 28	0 1	14 58	2 9	23 7	0 22
S 8	15 23	21 13	4 36	15 0	3 33	21 39	1 40	2 16	3 8	23 29	0 1	14 59	2 8	23 7	0 22
M 9	15 4	23 59	3 54	15 20	3 26	21 39	1 36	2 17	3 9	23 29	0 2	15 0	2 8	23 6	0 22
T 10	14 45	25 25	2 58	15 38	3 18	21 38	1 33	2 18	3 10	23 29	0 2	15 0	2 8	23 6	0 22
W 11	14 25	25 16	1 49	15 56	3 9	21 36	1 29	2 18	3 11	23 29	0 2	15 1	2 7	23 6	0 22
T 12	14 6	23 23	0 31	16 13	2 59	21 34	1 26	2 18	3 12	23 29	0 2	15 2	2 7	23 5	0 22
F 13	13 46	19 51	0s50	16 28	2 48	21 32	1 22	2 18	3 13	23 29	0 2	15 3	2 7	23 5	0 22
S 14	13 26	14 57	2 9	16 43	2 36	21 29	1 18	2 18	3 14	23 30	0 2	15 4	2 7	23 5	0 22
S 15	13 6	9 6	3 19	16 56	2 24	21 25	1 15	2 17	3 15	23 30	0 2	15 6	2 6	23 4	0 22
M 16	12 45	2 46	4 15	17 7	2 11	21 20	1 11	2 16	3 16	23 30	0 2	15 7	2 6	23 4	0 22
T 17	12 25	3s36	4 52	17 17	1 59	21 15	1 7	2 15	3 17	23 30	0 3	15 8	2 6	23 4	0 22
W 18	12 4	9 37	5 9	17 26	1 46	21 10	1 4	2 14	3 18	23 30	0 3	15 9	2 5	23 4	0 22
T 19	11 43	14 56	5 7	17 34	1 34	21 4	1 0	2 12	3 18	23 30	0 3	15 10	2 5	23 3	0 22
F 20	11 21	19 19	4 48	17 39	1 21	20 57	0 56	2 10	3 19	23 30	0 3	15 11	2 5	23 3	0 22
S 21	11 0	22 36	4 14	17 44	1 9	20 49	0 53	2 8	3 20	23 31	0 3	15 13	2 5	23 3	0 22
S 22	10 38	24 40	3 29	17 47	0 57	20 41	0 49	2 6	3 21	23 31	0 3	15 14	2 4	23 3	0 22
M 23	10 17	25 29	2 35	17 48	0 45	20 33	0 45	2 3	3 22	23 31	0 3	15 15	2 4	23 2	0 22
T 24	9 55	25 3	1 36	17 48	0 33	20 23	0 42	2 0	3 22	23 31	0 3	15 16	2 4	23 2	0 22
W 25	9 33	23 30	0 33	17 46	0 22	20 13	0 38	1 56	3 23	23 31	0 4	15 18	2 4	23 2	0 22
T 26	9 11	20 55	0n31	17 44	0 11	20 3	0 35	1 53	3 24	23 31	0 4	15 19	2 3	23 2	0 22
F 27	8 48	17 28	1 33	17 39	0 0	19 52	0 31	1 49	3 24	23 31	0 4	15 20	2 3	23 1	0 22
S 28	8 26	13 20	2 31	17 33	0s10	19 41	0 27	1 45	3 25	23 31	0 4	15 22	2 3	23 1	0 22
S 29	8s 3	8s41	3n23	17s26	0s20	19s28	0n24	1s40	3n25	23n31	0n 4	15n23	2s 3	23s 1	0s22

Julian Day Number = 2387292.5, Delta T = 10.26 sec
 Ecliptic obliquity = 23°27'47, Nutation = 0°00'18
 Ayanamsha: Fagan/Bradley = 22°17'03, Lahiri = 21°24'02

SWISS EPHEMERIS for the year 1824

MARCH 1824

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♄	♅	♆	♇	♈	♉	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓
M 1	10 34 58	10 ^h 24'20"	10 ^h 56'	13 ^h 23'	2 ^h 38'	12 ^h R 1	1 ^h 5	18 ^h 34'	14 ^h 46'	9 ^h 10'	1 ^h 3	17 ^h R24	15 ^h 56'	8 ^h 31'	11 ^h 31'								
T 2	10 38 55	11 ^h 24'29"	23 ^h 5'	14 ^h 28'	3 ^h 50'	11 ^h 49'	1 ^h 6'	18 ^h 39'	14 ^h 48'	9 ^h 11'	1 ^h 4'	17 ^h R14	15 ^h 53'	8 ^h 38'	11 ^h 34'								
W 3	10 42 51	12 ^h 24'36"	5 ^h 24'	15 ^h 36'	5 ^h 3'	11 ^h 37'	1 ^h 7'	18 ^h 43'	14 ^h 51'	9 ^h 13'	1 ^h 5'	17 ^h 3'	15 ^h 50'	8 ^h 45'	11 ^h 37'								
T 4	10 46 48	13 ^h 24'41"	17 ^h 52'	16 ^h 45'	6 ^h 15'	11 ^h 24'	1 ^h 9'	18 ^h 48'	14 ^h 53'	9 ^h 14'	1 ^h 7'	16 ^h 53'	15 ^h 46'	8 ^h 51'	11 ^h 41'								
F 5	10 50 44	14 ^h 24'44"	0 ^h 32'	17 ^h 57'	7 ^h 27'	11 ^h 10'	1 ^h 10'	18 ^h 52'	14 ^h 55'	9 ^h 15'	1 ^h 8'	16 ^h 44'	15 ^h 43'	8 ^h 58'	11 ^h 44'								
S 6	10 54 41	15 ^h 24'45"	13 ^h 25'	19 ^h 10'	8 ^h 39'	10 ^h 55'	1 ^h 12'	18 ^h 57'	14 ^h 58'	9 ^h 16'	1 ^h 10'	16 ^h 37'	15 ^h 40'	9 ^h 4'	11 ^h 47'								
S 7	10 58 38	16 ^h 24'44"	26 ^h 31'	20 ^h 26'	9 ^h 52'	10 ^h 40'	1 ^h 14'	19 ^h 2'	15 ^h 0'	9 ^h 17'	1 ^h 11'	16 ^h 33'	15 ^h 37'	9 ^h 11'	11 ^h 51'								
M 8	11 2 34	17 ^h 24'41"	9 ^h 53'	21 ^h 43'	11 ^h 4'	10 ^h 24'	1 ^h 16'	19 ^h 7'	15 ^h 2'	9 ^h 19'	1 ^h 13'	16 ^h 31'	15 ^h 34'	9 ^h 18'	11 ^h 54'								
T 9	11 6 31	18 ^h 24'36"	23 ^h 32'	23 ^h 2'	12 ^h 16'	10 ^h 7'	1 ^h 18'	19 ^h 12'	15 ^h 4'	9 ^h 20'	1 ^h 14'	16 ^h D31	15 ^h 30'	9 ^h 24'	11 ^h 57'								
W10	11 10 27	19 ^h 24'28"	7 ^h 31'	24 ^h 22'	13 ^h 29'	9 ^h 50'	1 ^h 21'	19 ^h 17'	15 ^h 6'	9 ^h 21'	1 ^h 16'	16 ^h 31'	15 ^h 27'	9 ^h 31'	12 ^h 1'								
T 11	11 14 24	20 ^h 24'18"	21 ^h 48'	25 ^h 44'	14 ^h 41'	9 ^h 32'	1 ^h 23'	19 ^h 22'	15 ^h 8'	9 ^h 22'	1 ^h 17'	16 ^h R31	15 ^h 24'	9 ^h 38'	12 ^h 4'								
F 12	11 18 20	21 ^h 24'06"	6 ^h 23'	27 ^h 7'	15 ^h 54'	9 ^h 14'	1 ^h 26'	19 ^h 27'	15 ^h 10'	9 ^h 23'	1 ^h 18'	16 ^h 30'	15 ^h 21'	9 ^h 44'	12 ^h 8'								
S 13	11 22 17	22 ^h 23'52"	21 ^h 12'	28 ^h 32'	17 ^h 6'	8 ^h 55'	1 ^h 29'	19 ^h 33'	15 ^h 12'	9 ^h 24'	1 ^h 20'	16 ^h 26'	15 ^h 18'	9 ^h 51'	12 ^h 11'								
S 14	11 26 13	23 ^h 23'35"	6 ^h 28'	29 ^h 58'	18 ^h 19'	8 ^h 35'	1 ^h 32'	19 ^h 38'	15 ^h 14'	9 ^h 25'	1 ^h 21'	16 ^h 19'	15 ^h 15'	9 ^h 58'	12 ^h 15'								
M15	11 30 10	24 ^h 23'16"	21 ^h 4'	1 ^h 26'	19 ^h 31'	8 ^h 15'	1 ^h 36'	19 ^h 44'	15 ^h 15'	9 ^h 26'	1 ^h 23'	16 ^h 10'	15 ^h 11'	10 ^h 4'	12 ^h 18'								
T 16	11 34 7	25 ^h 22'55"	5 ^h 49'	2 ^h 55'	20 ^h 44'	7 ^h 54'	1 ^h 39'	19 ^h 49'	15 ^h 17'	9 ^h 26'	1 ^h 24'	16 ^h 0'	15 ^h 8'	10 ^h 11'	12 ^h 22'								
W17	11 38 3	26 ^h 22'32"	20 ^h 16'	4 ^h 25'	21 ^h 56'	7 ^h 33'	1 ^h 43'	19 ^h 55'	15 ^h 19'	9 ^h 27'	1 ^h 26'	15 ^h 49'	15 ^h 5'	10 ^h 18'	12 ^h 25'								
T 18	11 42 0	27 ^h 22'08"	4 ^h 20'	5 ^h 57'	23 ^h 9'	7 ^h 12'	1 ^h 47'	20 ^h 0'	15 ^h 20'	9 ^h 28'	1 ^h 27'	15 ^h 39'	15 ^h 2'	10 ^h 24'	12 ^h 29'								
F 19	11 45 56	28 ^h 21'41"	17 ^h 55'	7 ^h 30'	24 ^h 21'	6 ^h 50'	1 ^h 51'	20 ^h 6'	15 ^h 22'	9 ^h 29'	1 ^h 29'	15 ^h 31'	14 ^h 59'	10 ^h 31'	12 ^h 32'								
S 20	11 49 53	29 ^h 21'13"	1 ^h 27'	9 ^h 5'	25 ^h 34'	6 ^h 28'	1 ^h 55'	20 ^h 12'	15 ^h 24'	9 ^h 30'	1 ^h 30'	15 ^h 25'	14 ^h 56'	10 ^h 38'	12 ^h 36'								
S 21	11 53 49	0 ^h 20'43"	13 ^h 45'	10 ^h 40'	26 ^h 47'	6 ^h 6'	2 ^h 0'	20 ^h 18'	15 ^h 25'	9 ^h 30'	1 ^h 32'	15 ^h 22'	14 ^h 52'	10 ^h 44'	12 ^h 39'								
M22	11 57 46	1 ^h 20'11"	26 ^h 6'	12 ^h 17'	27 ^h 59'	5 ^h 43'	2 ^h 4'	20 ^h 24'	15 ^h 27'	9 ^h 31'	1 ^h 33'	15 ^h 21'	14 ^h 49'	10 ^h 51'	12 ^h 43'								
T 23	12 1 42	2 ^h 19'38"	8 ^h 31'	13 ^h 56'	29 ^h 12'	5 ^h 20'	2 ^h 9'	20 ^h 30'	15 ^h 28'	9 ^h 32'	1 ^h 35'	15 ^h D21	14 ^h 46'	10 ^h 58'	12 ^h 46'								
W24	12 5 39	3 ^h 19'03"	20 ^h 3'	15 ^h 35'	0 ^h 25'	4 ^h 57'	2 ^h 14'	20 ^h 36'	15 ^h 29'	9 ^h 32'	1 ^h 36'	15 ^h R21	14 ^h 43'	11 ^h 4'	12 ^h 50'								
T 25	12 9 36	4 ^h 18'26"	1 ^h 25'	17 ^h 17'	1 ^h 38'	4 ^h 34'	2 ^h 19'	20 ^h 42'	15 ^h 31'	9 ^h 33'	1 ^h 38'	15 ^h 20'	14 ^h 40'	11 ^h 11'	12 ^h 54'								
F 26	12 13 32	5 ^h 17'47"	13 ^h 38'	18 ^h 59'	2 ^h 50'	4 ^h 10'	2 ^h 24'	20 ^h 48'	15 ^h 32'	9 ^h 33'	1 ^h 39'	15 ^h 17'	14 ^h 36'	11 ^h 18'	12 ^h 57'								
S 27	12 17 29	6 ^h 17'06"	25 ^h 29'	20 ^h 43'	4 ^h 3'	3 ^h 47'	2 ^h 30'	20 ^h 54'	15 ^h 33'	9 ^h 34'	1 ^h 41'	15 ^h 11'	14 ^h 33'	11 ^h 24'	13 ^h 1'								
S 28	12 21 25	7 ^h 16'23"	7 ^h 28'	22 ^h 28'	5 ^h 16'	3 ^h 24'	2 ^h 36'	21 ^h 1'	15 ^h 35'	9 ^h 34'	1 ^h 42'	15 ^h 2'	14 ^h 30'	11 ^h 31'	13 ^h 4'								
M29	12 25 22	8 ^h 15'38"	19 ^h 37'	24 ^h 14'	6 ^h 29'	3 ^h 0'	2 ^h 41'	21 ^h 7'	15 ^h 36'	9 ^h 35'	1 ^h 44'	14 ^h 51'	14 ^h 27'	11 ^h 38'	13 ^h 8'								
T 30	12 29 18	9 ^h 14'52"	1 ^h 59'	26 ^h 2'	7 ^h 42'	2 ^h 37'	2 ^h 47'	21 ^h 13'	15 ^h 37'	9 ^h 35'	1 ^h 45'	14 ^h 38'	14 ^h 24'	11 ^h 44'	13 ^h 12'								
W31	12 33 15	10 ^h 14'03"	14 ^h 33'	27 ^h 51'	8 ^h 55'	2 ^h 14'	2 ^h 53'	21 ^h 20'	15 ^h 38'	9 ^h 36'	1 ^h 47'	14 ^h R24	14 ^h R21	11 ^h 51'	13 ^h 15'								

Day	☉	☽	♀	♁	♂	♃	♄	♅	♆	♇	♈	♉	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
M 1	7s40	3s40	4n 6	17s17	0s29	19s16	0n20	1s36	3n26	23n32	0n 4	15n25	2s 2	23s 1	0s22	22s12	0n56	14s23	16s10	22s20	22s31	16s14	6n10	1n45
T 2	7 18	1n31	4 39	17 7	0 39	19 2	0 17	1 31	3 26	23 32	0 4	15 26	2 2	23 0	0 22	22 12	0 56	14 22	16 10	22 21	22 31	16 12	6 11	1 45
W 3	6 55	6 43	4 59	16 56	0 47	18 49	0 13	1 26	3 27	23 32	0 4	15 27	2 2	23 0	0 22	22 12	0 56	14 22	16 10	22 22	22 31	16 9	6 12	1 45
T 4	6 32	11 43	5 5	16 43	0 56	18 34	0 10	1 20	3 27	23 32	0 4	15 29	2 2	23 0	0 22	22 12	0 57	14 21	16 10	22 24	22 32	16 7	6 13	1 44
F 5	6 8	16 18	4 56	16 29	1 4	18 19	0 6	1 15	3 27	23 32	0 5	15 30	2 1	23 0	0 22	22 12	0 57	14 20	16 9	22 25	22 32	16 4	6 15	1 44
S 6	5 45	20 13	4 33	16 13	1 12	18 4	0 3	1 9	3 27	23 32	0 5	15 32	2 1	22 59	0 22	22 12	0 57	14 20	16 9	22 26	22 33	16 2	6 16	1 44
S 7	5 22	23 12	3 54	15 56	1 19	17 48	0s 0	1 3	3 27	23 32	0 5	15 34	2 1	22 59	0 22	22 12	0 57	14 19	16 9	22 26	22 33	15 59	6 17	1 44
M 8	4 59	24 58	3 3	15 38	1 26	17 32	0 4	0 56	3 27	23 32	0 5	15 35	2 1	22 59	0 22	22 12	0 57	14 18	16 9	22 26	22 33	15 57	6 18	1 44
T 9	4 35	25 18	2 0	15 18	1 32	17 15	0 7	0 50	3 27	23 32	0 5	15 37	2 0	22 59	0 22	22 12	0 57	14 18	16 9	22 26	22 34	15 54	6 19	1 44
W10	4 12	24 3	0 48	14 57	1 38	16 58	0 10	0 43	3 27	23 32	0 5	15 38	2 0	22 59	0 22	22 12	0 57	14 17	16 9	22 26	22 34	15 52	6 21	1 44
T 11	3 48	21 14	0s28	14 35	1 44	16 40	0 14	0 36	3 27	23 33	0 5	15 40	2 0	22 58	0 22	22 11	0 57	14 17	16 9	22 26	22 34	15 49	6 22	1 44
F 12	3 25	17 1	1 44	14 12	1 49	16 21	0 17	0 29	3 27	23 33	0 5	15 42	2 0	22 58	0 22	22 11	0 57	14 16	16 9	22 27	22 35	15 47	6 23	1 44
S 13	3 1	11 42	2 54	13 47	1 54	16 3	0 20	0 22	3 27	23 33	0 5	15 43	1 59</											

SWISS EPHEMERIS for the year 1824

APRIL 1824

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♃	♄	♅	♆	♇	♁	♂	♁	♃	♄
T 1	12 37 11	11°13'12	27°12'20	29°42'	10°17'	1°R51	3°00'	21°26'	15°39'	9°36'	1°48'	14°R11	14°17'	11°58'	13°19'
F 2	12 41 8	12°12'20	10°18'20	1°13'34	11°20'	1°28'	3°6'	21°33'	15°40'	9°36'	1°50'	13°59'	14°14'	12°4'	13°23'
S 3	12 45 5	13°11'25	23°30'	3°28'	12°33'	1°6'	3°12'	21°39'	15°41'	9°37'	1°51'	13°50'	14°11'	12°11'	13°26'
S 4	12 49 1	14°10'27	6°11'52	5°22'	13°46'	0°44'	3°19'	21°46'	15°41'	9°37'	1°53'	13°44'	14°8'	12°18'	13°30'
M 5	12 52 58	15°9'28	20°24'	7°19'	14°59'	0°22'	3°26'	21°53'	15°42'	9°37'	1°54'	13°40'	14°5'	12°24'	13°34'
T 6	12 56 54	16°8'27	4°57'	9°16'	16°12'	0°1'	3°33'	22°0'	15°43'	9°37'	1°56'	13°39'	14°2'	12°31'	13°37'
W 7	13 0 51	17°7'23	18°1'	11°15'	17°25'	29°14'	3°40'	22°6'	15°44'	9°38'	1°57'	13°39'	13°58'	12°38'	13°41'
T 8	13 4 47	18°6'16	2°18'	13°16'	18°38'	29°20'	3°47'	22°13'	15°44'	9°38'	1°58'	13°39'	13°55'	12°44'	13°44'
F 9	13 8 44	19°5'07	16°25'	15°17'	19°51'	29°0'	3°55'	22°20'	15°45'	9°38'	2°0'	13°37'	13°52'	12°51'	13°48'
S 10	13 12 40	20°3'56	0°11'51	17°20'	21°4'	28°41'	4°2'	22°27'	15°45'	9°38'	2°1'	13°33'	13°49'	12°58'	13°52'
S 11	13 16 37	21°2'43	15°22'	19°24'	22°17'	28°22'	4°10'	22°34'	15°46'	9°R38	2°3'	13°25'	13°46'	13°4'	13°55'
M 12	13 20 33	22°1'27	29°53'	21°29'	23°30'	28°4'	4°18'	22°41'	15°46'	9°38'	2°4'	13°16'	13°42'	13°11'	13°59'
T 13	13 24 30	23°0'10	14°11'17	23°35'	24°43'	27°47'	4°26'	22°48'	15°47'	9°38'	2°6'	13°5'	13°39'	13°18'	14°3'
W 14	13 28 27	23°58'50	28°28'	25°41'	25°56'	27°30'	4°34'	22°55'	15°47'	9°38'	2°7'	12°53'	13°36'	13°24'	14°6'
T 15	13 32 23	24°57'29	12°11'20	27°48'	27°9'	27°14'	4°42'	23°2'	15°47'	9°38'	2°8'	12°42'	13°33'	13°31'	14°10'
F 16	13 36 20	25°56'05	25°49'	29°55'	28°22'	26°58'	4°50'	23°10'	15°48'	9°37'	2°10'	12°33'	13°30'	13°38'	14°13'
S 17	13 40 16	26°54'40	8°17'55	2°18'3	29°35'	26°43'	4°59'	23°17'	15°48'	9°37'	2°11'	12°26'	13°27'	13°44'	14°17'
S 18	13 44 13	27°53'13	21°37'	4°10'	0°17'48	26°29'	5°7'	23°24'	15°48'	9°37'	2°13'	12°22'	13°23'	13°51'	14°21'
M 19	13 48 9	28°51'45	4°18'30	6°16'	2°1'	26°16'	5°16'	23°31'	15°48'	9°37'	2°14'	12°20'	13°20'	13°58'	14°24'
T 20	13 52 6	29°50'15	16°6'	8°22'	3°14'	26°3'	5°25'	23°39'	15°R48	9°37'	2°15'	12°D20	13°17'	14°4'	14°28'
W 21	13 56 2	0°18'48'3	28°1'	10°26'	4°27'	25°52'	5°34'	23°46'	15°48'	9°36'	2°17'	12°R20	13°14'	14°11'	14°31'
T 22	13 59 59	1°47'09	9°11'51	12°30'	5°40'	25°40'	5°43'	23°53'	15°48'	9°36'	2°18'	12°20'	13°11'	14°18'	14°35'
F 23	14 3 56	2°45'34	21°41'	14°31'	6°53'	25°30'	5°52'	24°1'	15°48'	9°36'	2°19'	12°18'	13°7'	14°24'	14°38'
S 24	14 7 52	3°43'57	3°18'35	16°30'	8°6'	25°21'	6°1'	24°8'	15°48'	9°35'	2°21'	12°15'	13°4'	14°31'	14°42'
S 25	14 11 49	4°42'19	15°39'	18°27'	9°19'	25°12'	6°11'	24°16'	15°47'	9°35'	2°22'	12°8'	13°1'	14°38'	14°45'
M 26	14 15 45	5°40'39	27°55'	20°21'	10°32'	25°4'	6°20'	24°23'	15°47'	9°34'	2°23'	11°59'	12°58'	14°44'	14°49'
T 27	14 19 42	6°38'57	10°17'27	22°12'	11°45'	24°57'	6°30'	24°31'	15°47'	9°34'	2°24'	11°49'	12°55'	14°51'	14°52'
W 28	14 23 38	7°37'14	23°16'	24°0'	12°58'	24°50'	6°39'	24°38'	15°46'	9°33'	2°26'	11°38'	12°52'	14°58'	14°56'
T 29	14 27 35	8°35'29	6°18'22	25°45'	14°11'	24°45'	6°49'	24°46'	15°46'	9°33'	2°27'	11°27'	12°48'	15°4'	14°59'
F 30	14 31 31	9°33'42	19°18'42	27°18'27	15°17'24	24°17'40	6°59'	24°53'	15°45'	9°32'	2°17'28	11°17'	12°345	15°11'	15°17'2

Day	☉	☽	♀	♂	♃	♄	♅	♆	♇	♁	♂	♁	♃	♄										
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat									
T 1	4n27	15n 5	4n52	1s59	2s 2	8s51	1s 9	2n 5	3n 5	23n33	0n 7	16n17	1s56	22s55	0s23	22s10	0n57	14s 4	16s 9	22s42	22s42	14s53	6n50	1n42
F 2	4 50	19 11	4 29	1 11	1 58	8 25	1 11	2 12	3 3	23 33	0 7	16 19	1 55	22 55	0 23	22 10	0 57	14 4	16 9	22 44	22 42	14 53	6 51	1 42
S 3	5 13	22 24	3 52	0 21	1 53	7 59	1 13	2 19	3 1	23 33	0 7	16 20	1 55	22 55	0 23	22 10	0 57	14 3	16 9	22 45	22 42	14 50	6 52	1 42
S 4	5 36	24 27	3 1	0n30	1 47	7 33	1 15	2 26	2 58	23 33	0 7	16 22	1 55	22 55	0 23	22 10	0 57	14 3	16 9	22 45	22 43	14 47	6 54	1 42
M 5	5 59	25 6	2 0	1 21	1 42	7 6	1 17	2 33	2 56	23 33	0 8	16 24	1 55	22 55	0 23	22 10	0 57	14 2	16 9	22 46	22 43	14 45	6 55	1 42
T 6	6 21	24 14	0 50	2 13	1 35	6 39	1 19	2 39	2 54	23 33	0 8	16 26	1 55	22 55	0 23	22 10	0 57	14 2	16 9	22 46	22 43	14 42	6 56	1 42
W 7	6 44	21 52	0s23	3 6	1 28	6 12	1 20	2 45	2 52	23 32	0 8	16 28	1 55	22 55	0 23	22 10	0 57	14 1	16 10	22 46	22 44	14 40	6 58	1 41
T 8	7 6	18 9	1 36	4 0	1 21	5 45	1 22	2 51	2 50	23 32	0 8	16 30	1 54	22 55	0 23	22 10	0 57	14 1	16 10	22 46	22 44	14 37	6 59	1 41
F 9	7 29	13 20	2 44	4 54	1 13	5 18	1 23	2 57	2 47	23 32	0 8	16 32	1 54	22 55	0 23	22 10	0 57	14 0	16 10	22 46	22 44	14 34	7 0	1 41
S 10	7 51	7 43	3 42	5 49	1 5	4 51	1 25	3 3	2 45	23 32	0 8	16 34	1 54	22 55	0 23	22 10	0 57	14 0	16 10	22 46	22 45	14 32	7 2	1 41
S 11	8 13	1 41	4 26	6 44	0 56	4 23	1 26	3 8	2 42	23 32	0 8	16 36	1 54	22 55	0 23	22 10	0 57	13 59	16 10	22 47	22 45	14 29	7 3	1 41
M 12	8 35	4s26	4 53	7 40	0 47	3 55	1 27	3 13	2 40	23 32	0 8	16 38	1 54	22 55	0 23	22 10	0 57	13 59	16 10	22 48	22 45	14 27	7 4	1 41
T 13	8 57	10 15	5 1	8 36	0 37	3 27	1 28	3 17	2 37	23 32	0 8	16 39	1 54	22 55	0 23	22 10	0 57	13 59	16 10	22 49	22 46	14 24	7 6	1 41
W 14	9 19	15 27	4 50	9 31	0 27	2 59	1 30	3 22	2 35	23 31	0 8	16 41	1 54	22 55	0 23	22 10	0 57	13 58	16 10	22 50	22 46	14 21	7 7	1 41
T 15	9 40	19 42	4 22	10 26	0 17	2 31	1 31	3 26	2 32	23 31	0 8	16 43	1 53	22 55	0 23	22 10	0 57	13 58	16 11	22 51	22 46	14 19	7 8	1 41
F 16	10 2	22 48	3 40	11 21	0 6	2 3	1 32	3 30	2 30	23 31	0 9	16 45	1 53	22 55	0 23	22 9	0 57	13 57	16 11	22 52	22 47	14 16	7 10	1 41
S 17	10 23	24 34	2 47	12 16	0n 4	1 35	1 32	3 33	2 27	23 31	0 9	16 47	1 53	22 55	0 23	22 9	0 57	13 57	16 11	22 53	22 47	14 14	7 11	1 41
S 18	10 44	24 59	1 48	13 10	0 15	1 7	1 33	3 36	2 24	23 31	0 9	16 49	1 53	22 55	0 23	22 9	0 58	13 56	16 11	22 53	22 47	14 11	7 13	1 41
M 19	11 5	24 8	0 44	14 2	0 26	0 38	1 34	3 39	2 22	23 30	0 9	16 51	1 53	22 55	0 23	22 9	0 58	13 56	16 11	22 53	22 48	14 8	7 14	1 41
T 20	11 26	22 10	0n20	14 53	0 37	0 10	1 35	3 42	2 19	23 30	0 9	16 53	1 53	22 55	0 23	22 9	0 58	13 56	16 11	22 53	22 48	14 6	7 15	1 41
W 21	11 46	19 14	1 22	15 43	0 48	0n19	1 35	3 44	2 16	23 30	0 9	16 55	1 53	22 55	0 23	22 9	0 58	13 55	16 11	22 53	22 48	14 3	7 17	1 41
T 22	12 6	15 32	2 21	16 32	0 58	0 47	1 36	3 46	2 14	23 29	0 9	16 57	1 52	22 55	0 23	22 9	0 58	13 55	16 12	22 53	22 49	14 0	7 18	1 41
F 23	12 27	11 15	3 13	17 18	1 9	1 16	1 36	3 48	2 11	23 29	0 9	16 59	1 52	22 55	0 23	22 9	0 58	13 55	16 12	22 54	22 49	13 58	7 19	1 41
S 24	12 46	6 31	3 57	18 3	1 19	1 44	1 37	3 49	2 8	23 29	0 9	17 1	1 52	22 55	0 23	22 9	0 58	13 54	16 12	22 54	22 49	13 55	7 20	1 41
S 25	13 6	1 29	4 32	18 45	1 28	2 13	1 37	3 50	2 6	23 28	0 9	17 3	1 52	22 55	0 23	22 9	0 58	13 54	16 12	22 54	22 50	13 53	7 22	1 41
M 26	13 26	3n40	4 54	19 25	1 38	2 41	1 37	3 51	2 3	23 28	0 9	17 5	1 52	22 55	0 24	22 9	0 58	13 54	16 12	22 55	22 50	13 50	7 23	1 40
T 27	13 45	8 47	5 3	20 3	1 46	3 10	1 37	3 51	2 0	23 28	0 9	17 6	1 52	22 55	0 24	22 10	0 58	13 53	16 13	22 56	22 50	13 47	7 24	1 40
W 28	14 4	13 38	4 57	20 38	1 54	3 38	1 37	3 51	1 58	23 27	0 10	17 8	1 52	22 55	0 24	22 10	0 58	13 53	16 13	22 57	22 50	13 45	7 26	1 40
T 29	14 23	17 59	4 35	21 11	2 2	4 6	1 37	3 51	1 55	23 27	0 10	17 10	1 52	22 55	0 24	22 10	0 58	13 53	16 13	22 58	22 51	13 42	7 27	1

SWISS EPHEMERIS for the year 1824

MAY 1824

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Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁
S 1	14 35 28	10♈31'54	3♐16	29♋5	16♌37	24♍36	7♎9	25♏1	15♐R45	9♑R32	2♒29	11♓R10	12♔42	15♕18	15♖6
S 2	14 39 25	11°30'04	17° 1	0♐39	17°51	24♑33	7°19	25° 9	15♒44	9♓31	2°31	11♔5	12°39	15°24	15° 9
M 3	14 43 21	12°28'12	0♑54	2° 9	19° 4	24♒31	7°29	25°16	15°44	9°30	2°32	11° 2	12°36	15°31	15°12
T 4	14 47 18	13°26'18	14°53	3°35	20°17	24°29	7°40	25°24	15°43	9°29	2°33	11°D 2	12°33	15°38	15°16
W 5	14 51 14	14°24'22	28°57	4°57	21°30	24°28	7°50	25°32	15°42	9°29	2°34	11° 3	12°29	15°44	15°19
T 6	14 55 11	15°22'24	13♌4	6°16	22°43	24°D28	8° 1	25°39	15°42	9°28	2°35	11°R 3	12°26	15°51	15°22
F 7	14 59 7	16°20'24	27°14	7°30	23°56	24°29	8°11	25°47	15°41	9°27	2°37	11° 3	12°23	15°58	15°26
S 8	15 3 4	17°18'22	11♍24	8°39	25° 9	24°30	8°22	25°55	15°40	9°26	2°38	11° 0	12°20	16° 4	15°29
S 9	15 7 0	18°16'18	25°34	9°45	26°22	24°33	8°33	26° 2	15°39	9°26	2°39	10°56	12°17	16°11	15°32
M10	15 10 57	19°14'13	9♎38	10°46	27°35	24°36	8°43	26°10	15°38	9°25	2°40	10°49	12°13	16°18	15°35
T 11	15 14 54	20°12'05	23°35	11°43	28°49	24°39	8°54	26°18	15°37	9°24	2°41	10°42	12°10	16°24	15°38
W12	15 18 50	21° 9'57	7♌20	12°35	0♉2	24°44	9° 5	26°26	15°36	9°23	2°42	10°33	12° 7	16°31	15°41
T 13	15 22 47	22° 7'46	20°50	13°23	1°15	24°49	9°16	26°33	15°35	9°22	2°43	10°26	12° 4	16°38	15°44
F 14	15 26 43	23° 5'34	4♌3	14° 6	2°28	24°55	9°27	26°41	15°34	9°21	2°44	10°19	12° 1	16°44	15°48
S 15	15 30 40	24° 3'21	16°57	14°44	3°41	25° 1	9°39	26°49	15°33	9°20	2°45	10°15	11°58	16°51	15°51
S 16	15 34 36	25° 1'07	29°32	15°18	4°54	25° 8	9°50	26°57	15°31	9°19	2°46	10°12	11°54	16°58	15°54
M17	15 38 33	25°58'51	11♐51	15°47	6° 7	25°16	10° 1	27° 4	15°30	9°18	2°47	10°D12	11°51	17° 4	15°57
T 18	15 42 29	26°56'34	23°57	16°11	7°21	25°24	10°13	27°12	15°29	9°17	2°48	10°13	11°48	17°11	15°59
W19	15 46 26	27°54'16	5♎53	16°30	8°34	25°33	10°24	27°20	15°28	9°16	2°49	10°14	11°45	17°18	16° 2
T 20	15 50 23	28°51'57	17°44	16°45	9°47	25°43	10°36	27°28	15°26	9°15	2°50	10°15	11°42	17°24	16° 5
F 21	15 54 19	29°49'37	29°34	16°54	11° 0	25°53	10°48	27°35	15°25	9°14	2°51	10°R16	11°39	17°31	16° 8
S 22	15 58 16	0♐47'15	11♋30	16°59	12°13	26° 4	10°59	27°43	15°23	9°12	2°52	10°15	11°35	17°38	16°11
S 23	16 2 12	1°44'53	23°36	16°R59	13°27	26°16	11°11	27°51	15°22	9°11	2°53	10°13	11°32	17°44	16°14
M24	16 6 9	2°42'30	5♌56	16°55	14°40	26°28	11°23	27°59	15°20	9°10	2°54	10° 9	11°29	17°51	16°17
T 25	16 10 5	3°40'05	18°34	16°46	15°53	26°40	11°35	28° 6	15°19	9° 9	2°54	10° 4	11°26	17°58	16°19
W26	16 14 2	4°37'40	1♉31	16°33	17° 6	26°53	11°47	28°14	15°17	9° 7	2°55	9°59	11°23	18° 4	16°22
T 27	16 17 58	5°35'14	14°50	16°17	18°19	27° 7	11°59	28°22	15°15	9° 6	2°56	9°53	11°19	18°11	16°25
F 28	16 21 55	6°32'47	28°28	15°56	19°33	27°21	12°11	28°30	15°14	9° 5	2°57	9°48	11°16	18°18	16°27
S 29	16 25 52	7°30'19	12♐24	15°32	20°46	27°36	12°23	28°37	15°12	9° 4	2°58	9°44	11°13	18°24	16°30
S 30	16 29 48	8°27'50	26°34	15° 5	21°59	27°52	12°35	28°45	15°10	9° 2	2°58	9°42	11°10	18°31	16°32
M31	16 33 45	9♐25'20	10♑53	14♐36	23♋12	28♌8	12♍48	28♎53	15♏8	9♑1	2♒59	9°D42	11♓7	18♔38	16♕35

Day	☉		☽		♀		♁		♂		♃		♅		♁		♁		♁		♁			
	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat		
S 1	15n 0	23n54	3n 7	22n 9	2n14	5n 3	1s37	3n49	1n50	23n26	0n10	17n14	1s51	22s55	0s24	22s10	0n58	13s52	16s13	23s 0	22s51	13s37	7n30	1n40
S 2	15 18	24 54	2 5	22 35	2 19	5 31	1 37	3 48	1 47	23 25	0 10	17 16	1 51	22 56	0 24	22 10	0 58	13 52	16 14	23 0	22 52	13 34	7 31	1 40
M 3	15 36	24 22	0 54	22 57	2 24	5 59	1 37	3 47	1 44	23 25	0 10	17 18	1 51	22 56	0 24	22 10	0 58	13 52	16 14	23 0	22 52	13 31	7 32	1 40
T 4	15 53	22 17	0s21	23 18	2 27	6 27	1 36	3 45	1 42	23 24	0 10	17 20	1 51	22 56	0 24	22 10	0 58	13 51	16 14	23 0	22 52	13 29	7 33	1 40
W 5	16 11	18 51	1 35	23 36	2 30	6 55	1 36	3 43	1 39	23 24	0 10	17 22	1 51	22 56	0 24	22 10	0 58	13 51	16 14	23 0	22 53	13 26	7 35	1 40
T 6	16 28	14 18	2 43	23 52	2 31	7 22	1 35	3 41	1 37	23 23	0 10	17 24	1 51	22 56	0 24	22 10	0 58	13 51	16 15	23 0	22 53	13 23	7 36	1 40
F 7	16 44	8 58	3 42	24 5	2 32	7 50	1 35	3 38	1 34	23 23	0 10	17 26	1 51	22 56	0 24	22 10	0 58	13 51	16 15	23 0	22 53	13 21	7 37	1 40
S 8	17 1	3 11	4 27	24 16	2 32	8 17	1 34	3 35	1 32	23 22	0 10	17 27	1 51	22 56	0 24	22 10	0 58	13 50	16 15	23 0	22 53	13 18	7 38	1 40
S 9	17 17	2s45	4 56	24 25	2 31	8 44	1 33	3 32	1 29	23 22	0 10	17 29	1 51	22 56	0 24	22 10	0 58	13 50	16 15	23 0	22 54	13 15	7 40	1 40
M10	17 33	8 31	5 6	24 32	2 29	9 11	1 33	3 29	1 27	23 21	0 10	17 31	1 51	22 56	0 24	22 10	0 58	13 50	16 16	23 0	22 54	13 13	7 41	1 40
T 11	17 49	13 47	4 59	24 37	2 26	9 38	1 32	3 25	1 24	23 20	0 11	17 33	1 51	22 57	0 24	22 10	0 58	13 50	16 16	23 0	22 54	13 10	7 42	1 40
W12	18 4	18 17	4 34	24 40	2 21	10 4	1 31	3 21	1 22	23 20	0 11	17 35	1 51	22 57	0 24	22 10	0 58	13 50	16 16	23 0	22 55	13 7	7 43	1 40
T 13	18 19	21 45	3 54	24 41	2 16	10 31	1 30	3 17	1 20	23 19	0 11	17 37	1 51	22 57	0 24	22 10	0 58	13 49	16 16	23 0	22 55	13 5	7 44	1 40
F 14	18 34	23 58	3 2	24 40	2 10	10 57	1 29	3 12	1 17	23 18	0 11	17 39	1 50	22 57	0 24	22 10	0 58	13 49	16 17	23 0	22 55	13 2	7 45	1 40
S 15	18 48	24 51	2 2	24 38	2 3	11 23	1 28	3 8	1 15	23 18	0 11	17 40	1 50	22 57	0 24	22 10	0 58	13 49	16 17	23 0	22 55	12 59	7 47	1 40
S 16	19 2	24 25	0 57	24 33	1 55	11 48	1 27	3 3	1 13	23 17	0 11	17 42	1 50	22 57	0 24	22 10	0 58	13 49	16 17	23 0	22 56	12 57	7 48	1 40
M17	19 16	22 47	0n 9	24 27	1 46	12 14	1 26	2 58	1 10	23 16	0 11	17 44	1 50	22 58	0 24	22 10	0 58	13 49	16 18	23 0	22 56	12 54	7 49	1 40
T 18	19 30	20 8	1 14	24 20	1 36	12 39	1 24	2 52	1 8	23 15	0 11	17 46	1 50	22 58	0 24	22 10	0 58	13 49	16 18	23 0	22 56	12 51	7 50	1 40
W19	19 43	16 39	2 15	24 11	1 25	13 4	1 23	2 47	1 6	23 14	0 11	17 48	1 50	22 58	0 24	22 10	0 58	13 49	16 18	23 0	22 57	12 49	7 51	1 40
T 20	19 56	12 32	3 10	24 0	1 13	13 28	1 22	2 41	1 4	23 14	0 11	17 49	1 50	22 58	0 24	22 10	0 58	13 49	16 19	23 0	22 57	12 46	7 52	1 40
F 21	20 8	7 57	3 56	23 48	1 0	13 52	1 20	2 35	1 1	23 13	0 11	17 51	1 50	22 58	0 24	22 11	0 58	13 49	16 19	23 0	22 57	12 43	7 53	1 40
S 22	20 20	3 3	4 33	23 35	0 46	14 16	1 19	2 28	0 59	23 12	0 11	17 53	1 50	22 58	0 24	22 11	0 58	13 48	16 19	23 0	22 57	12 41	7 54	1 40
S 23	20 32	2n 1	4 58	23 21	0 31	14 40	1 17	2 22	0 57	23 11	0 12	17 55	1 50	22 59	0 24	22 11								

SWISS EPHEMERIS for the year 1824

JUNE 1824

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Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
T 1	16 37 41	10II22'49	25☾16	14°R 5	24☾26	28♁24	13☾ 0	29☾ 0	15°R 7	9°R 0	3☾ 0	9☾42	11☾ 4	18☾44	16☾37
W 2	16 41 38	11°20'16	9☾40	13II33	25°39	28°41	13°12	29° 8	15☾ 5	8☾58	3° 1	9°44	11° 0	18°51	16°40
T 3	16 45 34	12°17'42	24° 0	13° 0	26°52	28°58	13°25	29°16	15° 3	8°57	3° 1	9°45	10°57	18°58	16°42
F 4	16 49 31	13°15'07	8♁14	12°26	28° 6	29°16	13°37	29°23	15° 1	8°55	3° 2	9°R46	10°54	19° 4	16°44
S 5	16 53 28	14°12'31	22°20	11°53	29°19	29°34	13°50	29°31	14°59	8°54	3° 2	9°46	10°51	19°11	16°47
S 6	16 57 24	15° 9'53	6☾16	11°20	0II32	29°53	14° 2	29°39	14°57	8°53	3° 3	9°44	10°48	19°18	16°49
M 7	17 1 21	16° 7'15	20° 1	10°49	1°45	0☾12	14°15	29°46	14°55	8°51	3° 4	9°42	10°45	19°24	16°51
T 8	17 5 17	17° 4'35	3III33	10°20	2°59	0°32	14°27	29°54	14°53	8°50	3° 4	9°39	10°41	19°31	16°53
W 9	17 9 14	18° 1'55	16°52	9°54	4°12	0°52	14°40	0II 1	14°51	8°48	3° 5	9°36	10°38	19°38	16°56
T 10	17 13 10	18°59'13	29°58	9°30	5°25	1°12	14°53	0° 9	14°49	8°47	3° 5	9°33	10°35	19°44	16°58
F 11	17 17 7	19°56'31	12☾49	9°10	6°39	1°33	15° 6	0°16	14°47	8°45	3° 6	9°31	10°32	19°51	17° 0
S 12	17 21 3	20°53'49	25°25	8°53	7°52	1°55	15°18	0°24	14°45	8°44	3° 6	9°29	10°29	19°58	17° 2
S 13	17 25 0	21°51'05	7☾49	8°40	9° 5	2°16	15°31	0°31	14°43	8°42	3° 7	9°D29	10°25	20° 4	17° 4
M14	17 28 57	22°48'21	20° 0	8°32	10°19	2°38	15°44	0°38	14°40	8°41	3° 7	9°29	10°22	20°11	17° 6
T 15	17 32 53	23°45'37	2☾ 1	8°D27	11°32	3° 1	15°57	0°46	14°38	8°39	3° 8	9°30	10°19	20°18	17° 7
W16	17 36 50	24°42'52	13°55	8°27	12°45	3°24	16°10	0°53	14°36	8°38	3° 8	9°31	10°16	20°25	17° 9
T 17	17 40 46	25°40'07	25°46	8°32	13°59	3°47	16°23	1° 1	14°34	8°36	3° 8	9°32	10°13	20°31	17°11
F 18	17 44 43	26°37'21	7☾37	8°41	15°12	4°10	16°36	1° 8	14°31	8°34	3° 9	9°33	10°10	20°38	17°13
S 19	17 48 39	27°34'36	19°32	8°55	16°26	4°34	16°49	1°15	14°29	8°33	3° 9	9°34	10° 6	20°45	17°15
S 20	17 52 36	28°31'50	1☾38	9°14	17°39	4°58	17° 2	1°22	14°27	8°31	3° 9	9°R34	10° 3	20°51	17°16
M21	17 56 32	29°29'04	13°57	9°38	18°52	5°23	17°15	1°29	14°25	8°30	3°10	9°34	10° 0	20°58	17°18
T 22	18 0 29	0☾26'18	26°35	10° 6	20° 6	5°48	17°28	1°37	14°22	8°28	3°10	9°33	9°57	21° 5	17°19
W23	18 4 26	1°23'32	9☾34	10°38	21°19	6°13	17°41	1°44	14°20	8°26	3°10	9°32	9°54	21°11	17°21
T 24	18 8 22	2°20'46	22°57	11°15	22°33	6°38	17°55	1°51	14°18	8°25	3°10	9°31	9°51	21°18	17°22
F 25	18 12 19	3°18'00	6II44	11°57	23°46	7° 4	18° 8	1°58	14°15	8°23	3°11	9°31	9°47	21°25	17°24
S 26	18 16 15	4°15'14	20°54	12°43	25° 0	7°30	18°21	2° 5	14°13	8°22	3°11	9°30	9°44	21°31	17°25
S 27	18 20 12	5°12'27	5☾23	13°33	26°13	7°57	18°34	2°12	14°11	8°20	3°11	9°D30	9°41	21°38	17°26
M28	18 24 8	6° 9'41	20° 5	14°28	27°27	8°24	18°48	2°19	14° 8	8°18	3°11	9°30	9°38	21°45	17°28
T 29	18 28 5	7° 6'54	4☾53	15°27	28°41	8°51	19° 1	2°26	14° 6	8°17	3°11	9°30	9°35	21°51	17°29
W30	18 32 1	8☾ 4'07	19☾42	16II30	29II54	9☾18	19☾14	2II33	14☾ 3	8☾15	3☾11	9☾30	9☾31	21☾58	17☾30

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂									
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat									
T 1	22n 2	19n43	1s24	20n32	2s 0	17n54	1s 2	1n14	0n39	23n 2	0n12	18n10	1s50	23s 1	0s24	22s11	0n58	13s48	16s22	23s 6	23s 0	12s14	8n 5	1n40
W 2	22 10	15 20	2 37	20 11	2 17	18 14	1 0	1 6	0 37	23 1	0 12	18 12	1 50	23 1	0 24	22 11	0 58	13 48	16 23	23 6	23 0	12 11	8 6	1 40
T 3	22 17	10 5	3 40	19 51	2 33	18 33	0 58	0 57	0 36	22 59	0 12	18 14	1 50	23 1	0 24	22 12	0 58	13 48	16 23	23 6	23 1	12 8	8 6	1 40
F 4	22 25	4 21	4 28	19 32	2 48	18 51	0 56	0 48	0 34	22 58	0 12	18 15	1 50	23 1	0 24	22 12	0 58	13 48	16 23	23 6	23 1	12 5	8 7	1 40
S 5	22 32	1s33	5 0	19 13	3 2	19 9	0 54	0 40	0 32	22 57	0 13	18 17	1 50	23 2	0 25	22 12	0 58	13 48	16 24	23 6	23 1	12 3	8 8	1 40
S 6	22 38	7 17	5 14	18 56	3 16	19 27	0 51	0 30	0 30	22 56	0 13	18 18	1 50	23 2	0 25	22 12	0 58	13 49	16 24	23 6	23 1	12 0	8 9	1 40
M 7	22 44	12 36	5 9	18 39	3 28	19 44	0 49	0 21	0 28	22 55	0 13	18 20	1 50	23 2	0 25	22 12	0 58	13 49	16 24	23 6	23 2	11 57	8 10	1 40
T 8	22 50	17 13	4 47	18 24	3 39	20 0	0 47	0 12	0 27	22 53	0 13	18 22	1 50	23 2	0 25	22 12	0 58	13 49	16 25	23 7	23 2	11 55	8 11	1 40
W 9	22 55	20 53	4 10	18 11	3 49	20 16	0 45	0 2	0 25	22 52	0 13	18 23	1 50	23 2	0 25	22 12	0 58	13 49	16 25	23 7	23 2	11 52	8 12	1 40
T 10	23 0	23 26	3 21	17 59	3 58	20 32	0 43	0s 7	0 23	22 51	0 13	18 25	1 50	23 3	0 25	22 12	0 58	13 49	16 26	23 7	23 2	11 49	8 12	1 40
F 11	23 5	24 42	2 22	17 49	4 5	20 47	0 40	0 17	0 20	22 49	0 13	18 26	1 50	23 3	0 25	22 12	0 58	13 49	16 26	23 7	23 3	11 46	8 13	1 40
S 12	23 9	24 40	1 17	17 40	4 11	21 1	0 38	0 27	0 20	22 48	0 13	18 28	1 50	23 3	0 25	22 12	0 58	13 49	16 26	23 7	23 3	11 44	8 14	1 40
S 13	23 13	23 23	0 9	17 34	4 15	21 15	0 36	0 37	0 18	22 47	0 13	18 29	1 50	23 3	0 25	22 12	0 58	13 49	16 27	23 7	23 3	11 41	8 15	1 40
M14	23 16	21 1	0n58	17 30	4 18	21 28	0 34	0 48	0 17	22 45	0 13	18 31	1 50	23 4	0 25	22 13	0 58	13 50	16 27	23 7	23 3	11 38	8 16	1 40
T 15	23 19	17 45	2 1	17 27	4 20	21 40	0 31	0 58	0 15	22 44	0 13	18 32	1 50	23 4	0 25	22 13	0 58	13 50	16 27	23 7	23 4	11 35	8 16	1 40
W16	23 21	13 48	2 59	17 26	4 21	21 52	0 29	1 8	0 14	22 42	0 13	18 34	1 50	23 4	0 25	22 13	0 58	13 50	16 28	23 7	23 4	11 33	8 17	1 40
T 17	23 23	9 21	3 49	17 28	4 20	22 4	0 26	1 19	0 10	22 41	0 14	18 35	1 50	23 5	0 25	22 13	0 58	13 50	16 28	23 7	23 4	11 30	8 18	1 40
F 18	23 25	4 34	4 29	17 31	4 19	22 14	0 24	1 30	0 11	22 39	0 14	18 37	1 50	23 5	0 25	22 13	0 58	13 50	16 28	23 7	23 4	11 27	8 18	1 40
S 19	23 26	0n25	4 58	17 36	4 16	22 25	0 22	1 41	0 9	22 38	0 14	18 38	1 50	23 5	0 25	22 13	0 58	13 51	16 29	23 7	23 5	11 25	8 19	1 40
S 20	23 27	5 27	5 14	17 42	4 12	22 34	0 19	1 52	0 8	22 36	0 14	18 40	1 50	23 5	0 25	22 13	0 58	13 51	16 29	23 7	23 5	11 22	8 20	1 40
M21	23 28	10 21	5 16	17 50	4 7	22 43	0 17	2 3	0 6	22 35	0 14	18 41	1 50	23 6	0 25	22 13	0 58	13 51	16 30	23 7	23 5	11 19	8 20	1 40
T 22	23 28	14 58	5 3	18 0	4 1	22 51	0 15	2 14	0 5	22 33	0 14	18 43	1 50	23 6	0 25	22 13	0 58	13 51	16 30	23 7	23 5	11 16	8 21	1 40
W23	23 27	19 2	4 35	18 11	3 55	22 59	0 12	2 25	0 3	22 31	0 14	18 44	1 50	23 6	0 25	22 14	0 58	13 51	16 30	23 7	23 6	11 14	8 22	1 40
T 24	23 26	22 14	3 51	18 24	3 47	23 5	0 10	2 37	0 2	22 30	0 14	18 45	1 50	23 6	0 25	22 14	0 58	13 52	16 31	23 7	23 6	11 11	8 22	1 40
F 25	23 25	24 17	2 52	18 37	3 39	23 12	0 7	2 48	0 0	22 28	0 14	18 47	1 50	23 7	0 25	22 14	0 58	13 52	16 31	23 7	23 6	11 8	8 23	1 40
S 26	23 24	24 50	1 41	18 52	3 30	23 17	0 5	3 0	0s 1	22 26	0 14	18 48	1 50	23 7	0 25	22 14	0 58	13 52	16 31	23 7	23 6	11 5	8 23	1 40
S 27	23 22	23 44	0 23	19 8	3 21	23 22	0 2	3 11	0 2	22 25	0 14	18 49	1 50	23 7	0 25	22 14	0 58	13 53	16 32	23 7	23 7	11 3	8 24	1 40
M28	23 19	21 0	0s58	19 24	3 11	23 26	0n 0	3 23	0 4	22 23	0 14	18 51	1 50	23 7	0 25	22 14	0 58	13 53	16 32	23 7	23 7	11 0	8 24	1 40
T 29	23 16	16 51	2 16	19 41	3 0	23 30	0 2	3 35	0 5	22 21	0 15	18 52	1 50	23 8	0 25	22 14	0 58	13 53	16 33	23 7	23 7	10 57	8 25	1 40
W30																								

SWISS EPHEMERIS for the year 1824

JULY 1824

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Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁
T 1	18 35 58	9♄ 1'20	4♃ 22	17♂ 37	1♄ 8	9♄ 46	19♄ 27	2♂ 39	14°R 1	8°R 13	3♂ 11	9♄ 30	9♄ 28	22♁ 5	17♂ 31
F 2	18 39 55	9°58'33	18°50	18°49	2°21	10°14	19°41	2°46	13♄ 58	8♄ 12	3°11	9°R 30	9°25	22°11	17°32
S 3	18 43 51	10°55'45	3♄ 2	20° 4	3°35	10°42	19°54	2°53	13°56	8°10	3°R 11	9°30	9°22	22°18	17°33
S 4	18 47 48	11°52'56	16°55	21°23	4°49	11°11	20° 8	2°59	13°54	8° 9	3°11	9°D 30	9°19	22°25	17°34
M 5	18 51 44	12°50'08	0♂ 30	22°47	6° 2	11°39	20°21	3° 6	13°51	8° 7	3°11	9°30	9°16	22°31	17°35
T 6	18 55 41	13°47'19	13°46	24°14	7°16	12° 8	20°34	3°13	13°49	8° 5	3°11	9°31	9°12	22°38	17°36
W 7	18 59 37	14°44'31	26°45	25°45	8°29	12°38	20°48	3°19	13°46	8° 4	3°11	9°31	9° 9	22°45	17°37
T 8	19 3 34	15°41'42	9♂ 30	27°19	9°43	13° 7	21° 1	3°26	13°44	8° 2	3°11	9°32	9° 6	22°51	17°37
F 9	19 7 30	16°38'54	22° 1	28°58	10°57	13°37	21°14	3°32	13°42	8° 1	3°11	9°32	9° 3	22°58	17°38
S 10	19 11 27	17°36'05	4♄ 20	0♄ 39	12°10	14° 7	21°28	3°38	13°39	7°59	3°11	9°R 33	9° 0	23° 5	17°39
S 11	19 15 24	18°33'17	16°30	2°24	13°24	14°37	21°41	3°45	13°37	7°57	3°11	9°33	8°57	23°12	17°39
M 12	19 19 20	19°30'29	28°32	4°13	14°38	15° 7	21°55	3°51	13°34	7°56	3°11	9°32	8°53	23°18	17°40
T 13	19 23 17	20°27'41	10♁ 27	6° 4	15°52	15°38	22° 8	3°57	13°32	7°54	3°10	9°31	8°50	23°25	17°40
W 14	19 27 13	21°24'54	22°19	7°59	17° 5	16° 9	22°21	4° 3	13°30	7°53	3°10	9°30	8°47	23°32	17°41
T 15	19 31 10	22°22'07	4♃ 9	9°55	18°19	16°40	22°35	4° 9	13°27	7°51	3°10	9°28	8°44	23°38	17°41
F 16	19 35 6	23°19'21	16° 1	11°55	19°33	17°12	22°48	4°15	13°25	7°50	3°10	9°26	8°41	23°45	17°41
S 17	19 39 3	24°16'35	27°57	13°56	20°47	17°43	23° 2	4°21	13°22	7°48	3° 9	9°24	8°37	23°52	17°42
S 18	19 42 59	25°13'51	10♂ 2	15°59	22° 1	18°15	23°15	4°27	13°20	7°46	3° 9	9°23	8°34	23°58	17°42
M 19	19 46 56	26°11'07	22°19	18° 4	23°14	18°47	23°29	4°33	13°18	7°45	3° 9	9°D 22	8°31	24° 5	17°42
T 20	19 50 53	27° 8'23	4♄ 54	20° 9	24°28	19°19	23°42	4°39	13°15	7°43	3° 8	9°22	8°28	24°12	17°42
W 21	19 54 49	28° 5'41	17°49	22°16	25°42	19°52	23°55	4°44	13°13	7°42	3° 8	9°23	8°25	24°18	17°R 42
T 22	19 58 46	29° 3'00	1♂ 8	24°23	26°56	20°24	24° 9	4°50	13°11	7°40	3° 8	9°24	8°22	24°25	17°42
F 23	20 2 42	0♂ 0'19	14°53	26°30	28°10	20°57	24°22	4°55	13° 8	7°39	3° 7	9°26	8°18	24°32	17°42
S 24	20 6 39	0°57'40	29° 5	28°37	29°24	21°30	24°35	5° 1	13° 6	7°37	3° 7	9°27	8°15	24°38	17°42
S 25	20 10 35	1°55'01	13♄ 41	0♂ 44	0♂ 38	22° 3	24°49	5° 6	13° 4	7°36	3° 6	9°R 27	8°12	24°45	17°42
M 26	20 14 32	2°52'23	28°36	2°51	1°52	22°37	25° 2	5°12	13° 2	7°35	3° 6	9°26	8° 9	24°52	17°42
T 27	20 18 29	3°49'46	13♂ 43	4°56	3° 6	23°10	25°16	5°17	12°59	7°33	3° 5	9°24	8° 6	24°58	17°41
W 28	20 22 25	4°47'10	28°52	7° 1	4°20	23°44	25°29	5°22	12°57	7°32	3° 5	9°21	8° 3	25° 5	17°41
T 29	20 26 22	5°44'34	13♂ 53	9° 4	5°34	24°18	25°42	5°27	12°55	7°30	3° 4	9°18	7°59	25°12	17°41
F 30	20 30 18	6°41'59	28°39	11° 6	6°48	24°52	25°55	5°32	12°53	7°29	3° 4	9°14	7°56	25°19	17°40
S 31	20 34 15	7♂ 39'24	13♄ 3	13♂ 7	8♂ 2	25♄ 26	26♄ 9	5♂ 37	12♄ 51	7♄ 28	3♂ 3	9♄ 11	7♄ 53	25♁ 25	17♂ 40

Day	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁	♁									
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat									
T 1	23n 9	5n53	4s20	20n16	2s38	23n35	0n 7	3s59	0s 8	22n17	0n15	18n54	1s50	23s 8	0s25	22s14	0n58	13s54	16s33	23s 7	23s 7	10s52	8n26	1n40
F 2	23 5	0s 8	4 57	20 34	2 26	23 36	0 10	4 11	0 9	22 16	0 15	18 56	1 50	23 8	0 25	22 14	0 58	13 54	16 34	23 7	23 8	10 49	8 26	1 40
S 3	23 1	6 2	5 15	20 52	2 13	23 37	0 12	4 24	0 10	22 14	0 15	18 57	1 50	23 9	0 25	22 15	0 58	13 54	16 34	23 7	23 8	10 46	8 26	1 40
S 4	22 56	11 30	5 15	21 10	2 1	23 37	0 14	4 36	0 11	22 12	0 15	18 58	1 50	23 9	0 25	22 15	0 58	13 55	16 34	23 7	23 8	10 43	8 27	1 40
M 5	22 51	16 17	4 56	21 28	1 48	23 36	0 17	4 48	0 13	22 10	0 15	18 59	1 51	23 9	0 25	22 15	0 58	13 55	16 35	23 7	23 8	10 41	8 27	1 40
T 6	22 45	20 9	4 23	21 45	1 36	23 35	0 19	5 1	0 14	22 8	0 15	19 1	1 51	23 10	0 25	22 15	0 58	13 55	16 35	23 7	23 9	10 38	8 27	1 40
W 7	22 39	22 57	3 36	22 1	1 23	23 33	0 21	5 13	0 15	22 6	0 15	19 2	1 51	23 10	0 25	22 15	0 58	13 56	16 36	23 7	23 9	10 35	8 28	1 40
T 8	22 32	24 31	2 39	22 16	1 10	23 30	0 24	5 26	0 16	22 4	0 15	19 3	1 51	23 10	0 25	22 15	0 58	13 56	16 36	23 7	23 9	10 32	8 28	1 40
F 9	22 25	24 49	1 36	22 31	0 57	23 27	0 26	5 39	0 17	22 2	0 15	19 4	1 51	23 10	0 25	22 15	0 58	13 57	16 36	23 7	23 9	10 30	8 28	1 40
S 10	22 18	23 52	0 29	22 44	0 44	23 22	0 28	5 51	0 18	22 0	0 15	19 5	1 51	23 11	0 25	22 15	0 58	13 57	16 37	23 7	23 9	10 27	8 29	1 40
S 11	22 11	21 48	0n38	22 55	0 31	23 18	0 30	6 4	0 20	21 58	0 16	19 6	1 51	23 11	0 25	22 15	0 58	13 57	16 37	23 7	23 10	10 24	8 29	1 40
M 12	22 3	18 47	1 43	23 5	0 19	23 12	0 33	6 17	0 21	21 56	0 16	19 7	1 51	23 11	0 25	22 16	0 58	13 58	16 37	23 7	23 10	10 21	8 29	1 40
T 13	21 54	15 1	2 43	23 13	0 7	23 6	0 35	6 30	0 22	21 54	0 16	19 8	1 51	23 11	0 25	22 16	0 58	13 58	16 38	23 7	23 10	10 19	8 29	1 40
W 14	21 45	10 41	3 35	23 18	0n 5	22 59	0 37	6 43	0 23	21 52	0 16	19 9	1 51	23 12	0 25	22 16	0 58	13 59	16 38	23 7	23 10	10 16	8 30	1 41
T 15	21 36	5 59	4 18	23 22	0 17	22 51	0 39	6 56	0 24	21 50	0 16	19 10	1 51	23 12	0 25	22 16	0 58	13 59	16 38	23 7	23 10	10 13	8 30	1 41
F 16	21 27	1 4	4 50	23 23	0 7	22 43	0 41	7 9	0 25	21 48	0 16	19 11	1 51	23 12	0 25	22 16	0 58	13 59	16 39	23 8	23 11	10 10	8 30	1 41
S 17	21 17	3n55	5 10	23 22	0 38	22 34	0 43	7 22	0 26	21 46	0 16	19 12	1 51	23 12	0 25	22 16	0 58	14 0	16 39	23 8	23 11	10 8	8 30	1 41
S 18	21 7	8 49	5 16	23 17	0 48	22 24	0 45	7 35	0 27	21 43	0 16	19 13	1 52	23 13	0 25	22 16	0 58	14 0	16 40	23 8	23 11	10 5	8 30	1 41
M 19	20 56	13 27	5 8	23 11	0 57	22 14	0 47	7 48	0 28	21 41	0 16	19 14	1 52	23 13	0 25	22 16	0 58	14 1	16 40	23 8	23 11	10 2	8 30	1 41
T 20	20 45	17 38	4 45	23 1	1 5	22 3	0 49	8 1	0 29	21 39	0 16	19 15	1 52	23 13	0 25	22 16	0 58	14 1	16 40	23 8	23 12	9 59	8 30	1 41
W 21	20 34	21 7	4 8	22 49	1 13	21 52	0 51	8 14	0 30	21 37	0 16	19 16	1 52	23 13	0 25	22 17	0 58	14 2	16 41	23 8	23 12	9 56	8 30	1 41
T 22	20 22	23 36	3 16	22 34	1 20	21 39	0 53	8 28	0 31	21 35	0 17	19 17	1 52	23 13	0 25	22 17	0 58	14 2	16 41	23 8	23 12	9 54	8 30	1 41
F 23	20 10	24 47	2 11	22 16	1 26	21 27	0 55	8 41	0 32	21 32	0 17	19 18	1 52	23 14	0 25	22 17	0 58	14 3	16 41	23 8	23 12	9 51	8 30	1 41
S 24	19 58	24 24	0 57	21 56	1 31	21 13	0 57	8 54	0 33	21 30	0 17	19 19	1 52	23 14	0 25	22 17	0 58	14 3	16 42	23 8	23 12	9 48	8 30	1 41
S 25	19 45	22 22	0s23	21 34	1 35	20 59	0 58	9 8	0 34	21 28	0 17	19 20	1 52	23 14	0 25	22 17	0 58	14 4	16 42	23 8	23 13	9 45	8 30	1 41
M 26	19 32	18 46	1 44	21 9	1 39	20 44	1 0	9 21	0 35	21 25	0 17	19 21	1 52	23 14	0 25	22 17	0 58	14 4	16 42	23 8	23 13	9 43	8 30	1 41
T 27	19 19	13 53	2 57	20 42	1 42	20 29	1 2	9 34	0 36	21 23	0 17	19 22	1 52	23 15	0 25	22 17	0 58	14 5	16 43	23 8	23 13	9 40	8 30	1 41
W 28	19 5	8 9	3 59	20 13	1 44	20 13	1 3	9 48	0 37	21 21	0 17	19 22	1 53	23 15	0 25	22 17	0 58	14 5	16 43	23 8	23 13	9 37	8 30	1 41

SWISS EPHEMERIS for the year 1824

AUGUST 1824

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Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁
S 1	20 38 11	8Ω36'50	27♁ 2	15Ω 7	9Ω16	26♁ 1	26♁22	5II42	12°R49	7°R26	3°R 2	9°R10	7♁50	25♁32	17°R39
M 2	20 42 8	9°34'17	10III35	17° 5	10°30	26°36	26°35	5°47	12♁47	7♁25	3°P 2	9°D 9	7°47	25°39	17°P38
T 3	20 46 4	10°31'44	23°45	19° 2	11°44	27°11	26°48	5°52	12°45	7°24	3° 1	9♁10	7°43	25°45	17°38
W 4	20 50 1	11°29'13	6♁34	20°57	12°58	27°46	27° 2	5°57	12°43	7°22	3° 1	9°11	7°40	25°52	17°37
T 5	20 53 58	12°26'42	19° 5	22°51	14°12	28°21	27°15	6° 1	12°41	7°21	3° 0	9°13	7°37	25°59	17°36
F 6	20 57 54	13°24'12	1♁22	24°43	15°26	28°56	27°28	6° 6	12°39	7°20	2°59	9°14	7°34	26° 5	17°36
S 7	21 1 51	14°21'42	13°29	26°34	16°40	29°32	27°41	6°10	12°37	7°19	2°59	9°R14	7°31	26°12	17°35
S 8	21 5 47	15°19'14	25°28	28°23	17°54	0III 7	27°54	6°14	12°35	7°18	2°58	9°13	7°28	26°19	17°34
M 9	21 9 44	16°16'47	7♁22	0III10	19° 8	0°43	28° 7	6°19	12°33	7°16	2°57	9°10	7°24	26°25	17°33
T 10	21 13 40	17°14'21	19°13	1°56	20°23	1°19	28°20	6°23	12°31	7°15	2°56	9° 5	7°21	26°32	17°32
W 11	21 17 37	18°11'56	1♁ 4	3°41	21°37	1°55	28°33	6°27	12°29	7°14	2°56	8°59	7°18	26°39	17°31
T 12	21 21 33	19° 9'32	12°55	5°24	22°51	2°32	28°46	6°31	12°27	7°13	2°55	8°51	7°15	26°46	17°30
F 13	21 25 30	20° 7'10	24°50	7° 5	24° 5	3° 8	28°59	6°35	12°26	7°12	2°54	8°44	7°12	26°52	17°29
S 14	21 29 26	21° 4'48	6°V49	8°46	25°19	3°45	29°12	6°39	12°24	7°11	2°53	8°37	7° 9	26°59	17°27
S 15	21 33 23	22° 2'29	18°56	10°24	26°33	4°21	29°25	6°42	12°22	7°10	2°52	8°31	7° 5	27° 6	17°26
M 16	21 37 20	23° 0'11	1♁15	12° 1	27°48	4°58	29°37	6°46	12°21	7° 9	2°51	8°27	7° 2	27°12	17°25
T 17	21 41 16	23°57'55	13°47	13°37	29° 2	5°35	29°50	6°50	12°19	7° 8	2°51	8°24	6°59	27°19	17°23
W 18	21 45 13	24°55'40	26°38	15°11	0III16	6°12	0Ω 3	6°53	12°17	7° 7	2°50	8°D24	6°56	27°26	17°22
T 19	21 49 9	25°53'27	9III50	16°44	1°30	6°50	0°16	6°56	12°16	7° 6	2°49	8°25	6°53	27°32	17°21
F 20	21 53 6	26°51'16	23°27	18°16	2°45	7°27	0°28	7° 0	12°14	7° 5	2°48	8°26	6°49	27°39	17°19
S 21	21 57 2	27°49'07	7♁31	19°45	3°59	8° 5	0°41	7° 3	12°13	7° 4	2°47	8°R26	6°46	27°46	17°17
S 22	22 0 59	28°46'59	22° 1	21°14	5°13	8°43	0°54	7° 6	12°11	7° 3	2°46	8°26	6°43	27°52	17°16
M 23	22 4 56	29°44'53	6Ω55	22°41	6°28	9°21	1° 6	7° 9	12°10	7° 2	2°45	8°23	6°40	27°59	17°14
T 24	22 8 52	0III42'49	22° 4	24° 7	7°42	9°59	1°19	7°12	12° 9	7° 2	2°44	8°18	6°37	28° 6	17°13
W 25	22 12 49	1°40'46	7III21	25°31	8°56	10°37	1°31	7°15	12° 7	7° 1	2°43	8°11	6°34	28°13	17°11
T 26	22 16 45	2°38'44	22°34	26°53	10°11	11°15	1°43	7°17	12° 6	7° 0	2°42	8° 3	6°30	28°19	17° 9
F 27	22 20 42	3°36'44	7♁33	28°14	11°25	11°54	1°56	7°20	12° 5	6°59	2°41	7°55	6°27	28°26	17° 7
S 28	22 24 38	4°34'46	22°10	29°34	12°39	12°32	2° 8	7°22	12° 4	6°59	2°40	7°47	6°24	28°33	17° 5
S 29	22 28 35	5°32'48	6III18	0Ω51	13°54	13°11	°20	7°25	12° 3	6°58	2°39	7°42	6°21	28°39	17° 4
M 30	22 32 31	6°30'53	19°58	2° 8	15° 8	13°50	2°32	7°27	12° 1	6°57	2°38	7°39	6°18	28°46	17° 2
T 31	22 36 28	7III28'58	3♁ 9	3Ω22	16III22	14III29	2Ω44	7III29	12♁ 0	6♁57	2°P37	7°D37	6♁14	28♁53	17°P 0

Day	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁	♁									
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat									
S 1	18n 8	15s 4	4s59	18n 0	1n46	19n 4	1n 9	10s41	0s41	21n11	0n18	19n25	1s53	23s16	0s25	22s18	0n58	14s 7	16s44	23s 9	23s14	9s26	8n29	1n41
M 2	17 52	19 15	4 28	17 24	1 45	18 45	1 11	10 55	0 41	21 9	0 18	19 26	1 53	23 16	0 25	22 18	0 58	14 8	16 45	23 9	23 14	9 23	8 29	1 41
T 3	17 37	22 20	3 44	16 46	1 43	18 26	1 12	11 8	0 42	21 6	0 18	19 27	1 53	23 16	0 25	22 18	0 58	14 8	16 45	23 9	23 14	9 20	8 29	1 41
W 4	17 21	24 12	2 49	16 7	1 41	18 6	1 13	11 21	0 43	21 4	0 18	19 28	1 53	23 16	0 25	22 18	0 57	14 9	16 45	23 9	23 14	9 18	8 28	1 41
T 5	17 5 24	48 1	48 15	27 1	38 17	46 1	14 11	35 0	44 21	1 0	18 19	28 1	53 23	16 0	25 22	18 0	57 14	9 16	45 23	9 23 15	9 15	8 28	1 41	
F 6	16 49	24 10	0 43	14 47	1 34	17 25	1 15	11 48	0 45	20 59	0 18	19 29	1 54	23 17	0 25	22 18	0 57	14 10	16 46	23 8	23 15	9 12	8 28	1 41
S 7	16 32	22 24	0n23	14 5	1 30	17 4	1 17	12 2	0 46	20 57	0 18	19 29	1 54	23 17	0 25	22 18	0 57	14 10	16 46	23 8	23 15	9 9	8 28	1 41
S 8	16 15	19 38	1 27	13 24	1 26	16 43	1 18	12 15	0 46	20 54	0 18	19 30	1 54	23 17	0 25	22 18	0 57	14 11	16 46	23 9	23 15	9 6	8 27	1 41
M 9	15 58	16 4	2 27	12 41	1 21	16 20	1 19	12 28	0 47	20 52	0 18	19 31	1 54	23 17	0 25	22 19	0 57	14 11	16 47	23 9	23 15	9 4	8 27	1 41
T 10	15 41	11 54	3 20	11 59	1 16	15 58	1 19	12 42	0 48	20 49	0 18	19 31	1 54	23 17	0 25	22 19	0 57	14 12	16 47	23 9	23 15	9 1	8 27	1 41
W 11	15 23	7 18	4 4	11 16	1 11	15 35	1 20	12 55	0 49	20 46	0 19	19 32	1 54	23 17	0 25	22 19	0 57	14 13	16 47	23 9	23 16	8 58	8 26	1 41
T 12	15 6	2 26	4 38	10 33	1 5	15 11	1 21	13 8	0 50	20 44	0 19	19 32	1 54	23 18	0 25	22 19	0 57	14 13	16 47	23 10	23 16	8 55	8 26	1 41
F 13	14 47	2n32	5 0	9 49	0 59	14 47	1 22	13 21	0 50	20 41	0 19	19 33	1 54	23 18	0 25	22 19	0 57	14 14	16 48	23 10	23 16	8 52	8 25	1 41
S 14	14 29	7 26	5 9	9 6	0 52	14 23	1 22	13 35	0 51	20 39	0 19	19 33	1 55	23 18	0 25	22 19	0 57	14 14	16 48	23 11	23 16	8 50	8 25	1 41
S 15	14 11	12 6	5 4	8 22	0 45	13 59	1 23	13 48	0 52	20 36	0 19	19 34	1 55	23 18	0 25	22 19	0 57	14 15	16 48	23 11	23 16	8 47	8 24	1 41
M 16	13 52	16 22	4 45	7 39	0 38	13 33	1 24	14 1	0 53	20 34	0 19	19 34	1 55	23 18	0 25	22 19	0 57	14 15	16 48	23 12	23 17	8 44	8 24	1 41
T 17	13 33	20 0	4 12	6 56	0 31	13 8	1 24	14 14	0 53	20 31	0 19	19 35	1 55	23 18	0 25	22 19	0 57	14 16	16 49	23 12	23 17	8 41	8 23	1 41
W 18	13 14	22 46	3 26	6 12	0 23	12 42	1 24	14 27	0 54	20 28	0 19	19 35	1 55	23 18	0 25	22 19	0 57	14 16	16 49	23 12	23 17	8 38	8 23	1 41
T 19	12 54	24 23	2 28	5 29	0 16	12 16	1 25	14 40	0 55	20 26	0 19	19 36	1 55	23 19	0 25	22 19	0 57	14 17	16 49	23 12	23 17	8 36	8 22	1 41
F 20	12 34	24 38	1 20	4 46	0 8	11 50	1 25	14 53	0 55	20 23	0 20	19 36	1 55	23 19	0 25	22 19	0 57	14 18	16 49	23 12	23 17	8 33	8 22	1 41
S 21	12 15	23 20	0 5	4 3	0s 0	11 23	1 25	15 6	0 56	20 21	0 20	19 36	1 56	23 19	0 25	22 20	0 57	14 18	16 50	23 12	23 17	8 30	8 21	1 41
S 22	11 55	20 28	1s13	3 21	0 9	10 56	1 25	15 19	0 57	20 18	0 20	19 37	1 56	23 19	0 25	22 20	0 57	14 19	16 50	23 12	23 18	8 27	8 20	1 41
M 23	11 34	16 11	2 27	2 39	0 17	10 28	1 25	15 32	0 57	20 15	0 20	19 37	1 56	23 19	0 25	22 20	0 57	14 19	16 50	23 12	23 18	8 25	8 20	1 41
T 24	11 14	10 49	3 32	1 57	0 25	10 1	1 25	15 44	0 58	20 13	0 20	19 37	1 56	23 19	0 25	22 20	0 57	14 20	16 50	23 12	23 18	8 22	8 19	1 41
W 25	10 53	4 45	4 23	1 16	0 34	9 33	1 25	15 57	0 59	20 10	0 20	19 38	1 56	23 19	0 25	22 20	0 57	14 20	16 51	23 12	23 18	8 19	8 19	1 41
T 26	10 32	1s34	4 55	0 35	0 43	9 5	1 25	16 10	0 59	20 8	0 20	19 38	1 56	23 19	0 25	22 20	0 57	14 21	16 51	23 13	23 18	8 16	8 18	1 41
F 27	10 12	7 41	5 6	0s 5	0 52	8 36	1 25	16 22	1 0	20 5	0 20	19 38	1 56	23 20	0 25	22 20	0 57	14 22	16 51	23 14	23 18	8 13	8 17	1 41
S 28	9 50	13 13	4 56	0 45	1 0	8 7	1 25	16 34	1 0	20 2	0 21	19 39	1 57	23 20	0 25	22 20	0 57	14 22	16 51	23 14	23 18	8 11	8 16	1 41
S 29	9 29	17 51	4 29	1 24	1 9	7																		

SWISS EPHEMERIS for the year 1824

SEPTEMBER 1824

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Day	Sid.t	☉	☽	♀	♂	♂	♄	♃	♁	♅	♁	♁	♁	♁	♁
W 1	22 40 24	8 ^m 27'06	15 ^s 55	4 ^h 34	17 ^m 37	15 ^m 8	2 ^h 56	7 ^h 31	11 ^h R59	6 ^h R56	2 ^h R36	7 ^h 37	6 ^h 11	28 ^h 59	16 ^h R58
T 2	22 44 21	9 ^h 25'14	28 ^h 21	5 ^h 45	18 ^h 51	15 ^h 47	3 ^h 8	7 ^h 33	11 ^h 58	6 ^h 56	2 ^h 35	7 ^h 38	6 ^h 8	29 ^h 6	16 ^h 56
F 3	22 48 18	10 ^h 23'24	10 ^h 32	6 ^h 54	20 ^h 5	16 ^h 26	3 ^h 20	7 ^h 35	11 ^h 58	6 ^h 55	2 ^h 35	7 ^h R38	6 ^h 5	29 ^h 13	16 ^h 53
S 4	22 52 14	11 ^h 21'36	22 ^h 32	8 ^h 0	21 ^h 20	17 ^h 6	3 ^h 32	7 ^h 37	11 ^h 57	6 ^h 55	2 ^h 33	7 ^h 37	6 ^h 2	29 ^h 19	16 ^h 51
S 5	22 56 11	12 ^h 19'49	4 ^h 25	9 ^h 4	22 ^h 34	17 ^h 45	3 ^h 44	7 ^h 39	11 ^h 56	6 ^h 54	2 ^h 32	7 ^h 34	5 ^h 59	29 ^h 26	16 ^h 49
M 6	23 0 7	13 ^h 18'03	16 ^h 15	10 ^h 6	23 ^h 49	18 ^h 25	3 ^h 56	7 ^h 40	11 ^h 55	6 ^h 54	2 ^h 30	7 ^h 28	5 ^h 55	29 ^h 33	16 ^h 47
T 7	23 4 4	14 ^h 16'20	28 ^h 5	11 ^h 6	25 ^h 3	19 ^h 5	4 ^h 7	7 ^h 42	11 ^h 54	6 ^h 53	2 ^h 29	7 ^h 19	5 ^h 52	29 ^h 40	16 ^h 45
W 8	23 8 0	15 ^h 14'37	9 ^h 57	12 ^h 3	26 ^h 17	19 ^h 45	4 ^h 19	7 ^h 43	11 ^h 54	6 ^h 53	2 ^h 28	7 ^h 8	5 ^h 49	29 ^h 46	16 ^h 43
T 9	23 11 57	16 ^h 12'57	21 ^h 53	12 ^h 57	27 ^h 32	20 ^h 25	4 ^h 30	7 ^h 44	11 ^h 53	6 ^h 53	2 ^h 27	6 ^h 56	5 ^h 46	29 ^h 53	16 ^h 40
F 10	23 15 53	17 ^h 11'19	3 ^h 54	13 ^h 48	28 ^h 46	21 ^h 5	4 ^h 42	7 ^h 45	11 ^h 53	6 ^h 52	2 ^h 26	6 ^h 43	5 ^h 43	29 ^h 59	16 ^h 38
S 11	23 19 50	18 ^h 9'42	16 ^h 2	14 ^h 35	0 ^h 1	21 ^h 45	4 ^h 53	7 ^h 46	11 ^h 52	6 ^h 52	2 ^h 25	6 ^h 31	5 ^h 40	0 ^h 6	16 ^h 36
S 12	23 23 47	19 ^h 8'08	28 ^h 17	15 ^h 20	1 ^h 15	22 ^h 26	5 ^h 5	7 ^h 47	11 ^h 52	6 ^h 52	2 ^h 24	6 ^h 20	5 ^h 36	0 ^h 13	16 ^h 33
M13	23 27 43	20 ^h 6'35	10 ^h 34	16 ^h 1	2 ^h 29	23 ^h 6	5 ^h 16	7 ^h 48	11 ^h 51	6 ^h 52	2 ^h 23	6 ^h 12	5 ^h 33	0 ^h 20	16 ^h 31
T 14	23 31 40	21 ^h 5'05	23 ^h 19	16 ^h 37	3 ^h 44	23 ^h 47	5 ^h 27	7 ^h 49	11 ^h 51	6 ^h 51	2 ^h 21	6 ^h 6	5 ^h 30	0 ^h 26	16 ^h 28
W15	23 35 36	22 ^h 3'37	6 ^h 10	17 ^h 10	4 ^h 58	24 ^h 27	5 ^h 38	7 ^h 49	11 ^h 50	6 ^h 51	2 ^h 20	6 ^h 3	5 ^h 27	0 ^h 33	16 ^h 26
T 16	23 39 33	23 ^h 2'11	19 ^h 19	17 ^h 37	6 ^h 13	25 ^h 8	5 ^h 49	7 ^h 50	11 ^h 50	6 ^h 51	2 ^h 19	6 ^h D 3	5 ^h 24	0 ^h 40	16 ^h 23
F 17	23 43 29	24 ^h 0'48	2 ^h 48	18 ^h 0	7 ^h 27	25 ^h 49	6 ^h 0	7 ^h 50	11 ^h 50	6 ^h 51	2 ^h 18	6 ^h R 3	5 ^h 20	0 ^h 47	16 ^h 21
S 18	23 47 26	24 ^h 59'26	16 ^h 41	18 ^h 18	8 ^h 41	26 ^h 30	6 ^h 11	7 ^h 50	11 ^h 50	6 ^h 51	2 ^h 17	6 ^h 2	5 ^h 17	0 ^h 53	16 ^h 18
S 19	23 51 22	25 ^h 58'07	0 ^h 58	18 ^h 30	9 ^h 56	27 ^h 11	6 ^h 22	7 ^h 51	11 ^h 50	6 ^h D51	2 ^h 16	6 ^h 1	5 ^h 14	1 ^h 0	16 ^h 16
M20	23 55 19	26 ^h 56'50	15 ^h 37	18 ^h R35	11 ^h 10	27 ^h 53	6 ^h 32	7 ^h R51	11 ^h 49	6 ^h 51	2 ^h 14	5 ^h 56	5 ^h 11	1 ^h 7	16 ^h 13
T 21	23 59 16	27 ^h 55'36	0 ^h 35	18 ^h 35	12 ^h 25	28 ^h 34	6 ^h 43	7 ^h 51	11 ^h D49	6 ^h 51	2 ^h 13	5 ^h 50	5 ^h 8	1 ^h 13	16 ^h 10
W22	0 3 12	28 ^h 54'23	15 ^h 43	18 ^h 27	13 ^h 39	29 ^h 15	6 ^h 53	7 ^h 50	11 ^h 49	6 ^h 51	2 ^h 12	5 ^h 40	5 ^h 5	1 ^h 20	16 ^h 8
T 23	0 7 9	29 ^h 53'12	0 ^h 52	18 ^h 13	14 ^h 54	29 ^h 57	7 ^h 4	7 ^h 50	11 ^h 50	6 ^h 51	2 ^h 11	5 ^h 29	5 ^h 1	1 ^h 27	16 ^h 5
F 24	0 11 5	0 ^h 52'04	15 ^h 51	17 ^h 51	16 ^h 8	0 ^h 39	7 ^h 14	7 ^h 50	11 ^h 50	6 ^h 52	2 ^h 10	5 ^h 18	4 ^h 58	1 ^h 33	16 ^h 2
S 25	0 15 2	1 ^h 50'57	0 ^h 32	17 ^h 21	17 ^h 23	1 ^h 20	7 ^h 24	7 ^h 49	11 ^h 50	6 ^h 52	2 ^h 8	5 ^h 7	4 ^h 55	1 ^h 40	16 ^h 0
S 26	0 18 58	2 ^h 49'52	14 ^h 46	16 ^h 45	18 ^h 37	2 ^h 2	7 ^h 34	7 ^h 49	11 ^h 50	6 ^h 52	2 ^h 7	4 ^h 59	4 ^h 52	1 ^h 47	15 ^h 57
M27	0 22 55	3 ^h 48'49	28 ^h 31	16 ^h 1	19 ^h 51	2 ^h 44	7 ^h 44	7 ^h 48	11 ^h 50	6 ^h 52	2 ^h 6	4 ^h 53	4 ^h 49	1 ^h 53	15 ^h 54
T 28	0 26 51	4 ^h 47'48	11 ^h 47	15 ^h 10	21 ^h 6	3 ^h 26	7 ^h 54	7 ^h 47	11 ^h 51	6 ^h 53	2 ^h 5	4 ^h 50	4 ^h 46	2 ^h 0	15 ^h 52
W29	0 30 48	5 ^h 46'49	24 ^h 37	14 ^h 13	22 ^h 20	4 ^h 9	8 ^h 4	7 ^h 46	11 ^h 51	6 ^h 53	2 ^h 4	4 ^h 49	4 ^h 42	2 ^h 7	15 ^h 49
T 30	0 34 45	6 ^h 45'51	7 ^h 4	13 ^h 11	23 ^h 35	4 ^h 51	8 ^h 14	7 ^h 45	11 ^h 52	6 ^h 53	2 ^h 2	4 ^h 49	4 ^h 39	2 ^h 14	15 ^h 46

Day	☉	☽	♀	♂	♄	♃	♁	♅	♁	♁	♁	♁	♁	♁	♁									
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat									
W 1	8n25	24s36	1s53	3s17	1s36	6n11	1n23	17s23	1s 3	19n52	0n21	19n39	1s57	23s20	0s25	22s20	0n57	14s25	16s52	23s15	23s19	7s59	8n13	1n41
T 2	8 3	24 17	0 49	3 54	1 45	5 41	1 23	17 35	1 3	19 49	0 21	19 40	1 57	23 20	0 25	22 20	0 56	14 25	16 52	23 15	23 19	7 56	8 13	1 41
F 3	7 41	22 47	0n15	4 29	1 54	5 11	1 22	17 47	1 4	19 46	0 21	19 40	1 58	23 20	0 25	22 21	0 56	14 26	16 52	23 15	23 19	7 54	8 12	1 41
S 4	7 19	20 17	1 19	5 3	2 3	4 41	1 21	17 59	1 5	19 44	0 21	19 40	1 58	23 20	0 25	22 21	0 56	14 26	16 52	23 15	23 19	7 51	8 11	1 41
S 5	6 56	16 57	2 18	5 37	2 12	4 11	1 21	18 11	1 5	19 41	0 22	19 40	1 58	23 20	0 25	22 21	0 56	14 27	16 52	23 15	23 20	7 48	8 10	1 41
M 6	6 34	12 57	3 10	6 9	2 20	3 41	1 20	18 23	1 6	19 38	0 22	19 40	1 58	23 20	0 25	22 21	0 56	14 27	16 53	23 15	23 20	7 45	8 9	1 41
T 7	6 12	8 29	3 55	6 41	2 29	3 11	1 19	18 34	1 6	19 36	0 22	19 40	1 58	23 20	0 25	22 21	0 56	14 28	16 53	23 16	23 20	7 42	8 8	1 41
W 8	5 49	3 42	4 29	7 11	2 37	2 40	1 18	18 46	1 7	19 33	0 22	19 40	1 58	23 20	0 25	22 21	0 56	14 28	16 53	23 16	23 20	7 40	8 7	1 41
T 9	5 27	1n14	4 51	7 39	2 45	2 10	1 17	18 57	1 7	19 31	0 22	19 40	1 58	23 20	0 25	22 21	0 56	14 29	16 53	23 17	23 20	7 37	8 6	1 41
F 10	5 4	6 9	5 1	8 7	2 53	1 39	1 16	19 8	1 8	19 28	0 22	19 40	1 59	23 20	0 25	22 21	0 56	14 30	16 53	23 18	23 20	7 34	8 6	1 41
S 11	4 41	10 53	4 47	8 32	3 1	1 8	1 15	19 19	1 8	19 25	0 22	19 40	1 59	23 21	0 25	22 21	0 56	14 30	16 53	23 18	23 20	7 31	8 5	1 41
S 12	4 18	15 14	4 40	8 56	3 8	0 38	1 14	19 30	1 9	19 23	0 22	19 40	1 59	23 21	0 25	22 21	0 56	14 31	16 53	23 19	23 21	7 28	8 4	1 41
M13	3 55	18 59	4 9	9 19	3 15	0 7	1 12	19 41	1 9	19 20	0 23	19 40	1 59	23 21	0 25	22 21	0 56	14 31	16 53	23 19	23 21	7 26	8 3	1 41
T 14	3 32	21 56	3 26	9 39	3 22	0s24	1 11	19 51	1 10	19 18	0 23	19 40	1 59	23 21	0 25	22 21	0 56	14 32	16 53	23 19	23 21	7 23	8 2	1 41
W15	3 9	23 50	2 31	9 57	3 28	0 55	1 10	20 2	1 10	19 15	0 23	19 40	1 59	23 21	0 25	22 21	0 56	14 32	16 53	23 19	23 21	7 20	8 1	1 41
T 16	2 46	24 29	1 17	10 13	3 34	1 26	1 8	20 12	1 10	19 12	0 23	19 40	2 0	23 21	0 25	22 21	0 56	14 33	16 54	23 19	23 21	7 17	8 0	1 41
F 17	2 23	23 43	0 27	10 26	3 39	1 56	1 7	20 23	1 11	19 10	0 23	19 40	2 0	23 21	0 25	22 21	0 56	14 33	16 54	23 19	23 21	7 14	7 59	1 40
S 18	2 0	21 30	0s56	10 37	3 43	2 27	1 5	20 33	1 11	19 7	0 23	19 40	2 0	23 21	0 25	22 21	0 56	14 34	16 54	23 19	23 21	7 12	7 58	1 40
S 19	1 36	17 53	2 8	10 45	3 47	2 58	1 3	20 43	1 12	19 5	0 23	19 40	2 0	23 21	0 25	22 21	0 56	14 34	16 54	23 20	23 22			

SWISS EPHEMERIS for the year 1824

OCTOBER 1824

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Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁
F 1	0 38 41	7♄44'55	19♁14	12°R 4	24♁49	5♁33	8♁23	7°R44	11♁52	6♁54	2°R 1	4°R48	4♁36	2♁20	15°R43
S 2	0 42 38	8°44'01	1♁12	10♁56	26° 4	6°16	8°33	7♁43	11°53	6°54	2°R 0	4♁47	4°33	2°27	15°R41
S 3	0 46 34	9°43'09	13° 4	9°46	27°18	6°58	8°42	7°41	11°53	6°55	1°59	4°43	4°30	2°34	15°38
M 4	0 50 31	10°42'19	24°53	8°37	28°33	7°41	8°51	7°40	11°54	6°55	1°58	4°37	4°26	2°40	15°35
T 5	0 54 27	11°41'30	6♁44	7°31	29°47	8°24	9° 0	7°38	11°54	6°56	1°57	4°27	4°23	2°47	15°32
W 6	0 58 24	12°40'43	18°40	6°30	1♁ 1	9° 6	9° 9	7°37	11°55	6°56	1°55	4°16	4°20	2°54	15°29
T 7	1 2 20	13°39'58	0♁43	5°35	2°16	9°49	9°18	7°35	11°56	6°57	1°54	4° 2	4°17	3° 1	15°27
F 8	1 6 17	14°39'15	12°54	4°49	3°30	10°32	9°27	7°33	11°57	6°57	1°53	3°48	4°14	3° 7	15°24
S 9	1 10 13	15°38'34	25°14	4°11	4°45	11°15	9°36	7°31	11°58	6°58	1°52	3°35	4°11	3°14	15°21
S 10	1 14 10	16°37'56	7♁44	3°44	5°59	11°58	9°44	7°29	11°59	6°59	1°51	3°23	4° 7	3°21	15°18
M 11	1 18 7	17°37'19	20°23	3°28	7°13	12°42	9°53	7°27	12° 0	6°59	1°50	3°14	4° 4	3°27	15°15
T 12	1 22 3	18°36'45	3♁13	3°D22	8°28	13°25	10° 1	7°24	12° 1	7° 0	1°49	3° 8	4° 1	3°34	15°13
W 13	1 26 0	19°36'13	16°15	3°28	9°42	14° 8	10° 9	7°22	12° 2	7° 1	1°47	3° 5	3°58	3°41	15°10
T 14	1 29 56	20°35'43	29°30	3°44	10°56	14°52	10°17	7°19	12° 3	7° 2	1°46	3°D 4	3°55	3°47	15° 7
F 15	1 33 53	21°35'16	13♁ 0	4°10	12°11	15°36	10°25	7°17	12° 4	7° 3	1°45	3° 4	3°51	3°54	15° 4
S 16	1 37 49	22°34'51	26°46	4°46	13°25	16°19	10°33	7°14	12° 5	7° 4	1°44	3°R 4	3°48	4° 1	15° 1
S 17	1 41 46	23°34'28	10♁51	5°31	14°40	17° 3	10°41	7°11	12° 7	7° 4	1°43	3° 3	3°45	4° 8	14°59
M 18	1 45 42	24°34'08	25°13	6°24	15°54	17°47	10°48	7° 9	12° 8	7° 5	1°42	3° 0	3°42	4°14	14°56
T 19	1 49 39	25°33'50	9♁49	7°24	17° 8	18°31	10°55	7° 6	12° 9	7° 6	1°41	2°54	3°39	4°21	14°53
W 20	1 53 36	26°33'34	24°36	8°30	18°23	19°15	11° 3	7° 3	12°11	7° 7	1°40	2°46	3°36	4°28	14°50
T 21	1 57 32	27°33'20	9♁25	9°42	19°37	19°59	11°10	6°59	12°12	7° 8	1°39	2°36	3°32	4°34	14°48
F 22	2 1 29	28°33'08	24° 8	10°58	20°52	20°43	11°17	6°56	12°14	7°10	1°38	2°25	3°29	4°41	14°45
S 23	2 5 25	29°32'58	8♁37	12°19	22° 6	21°27	11°23	6°53	12°15	7°11	1°37	2°16	3°26	4°48	14°42
S 24	2 9 22	0♁32'51	22°46	13°44	23°20	22°11	11°30	6°49	12°17	7°12	1°36	2° 8	3°23	4°54	14°40
M 25	2 13 18	1°32'45	6♁30	15°11	24°35	22°56	11°37	6°46	12°19	7°13	1°35	2° 3	3°20	5° 1	14°37
T 26	2 17 15	2°32'41	19°47	16°41	25°49	23°40	11°43	6°42	12°20	7°14	1°34	2° 0	3°17	5° 8	14°34
W 27	2 21 11	3°32'38	2♁40	18°12	27° 3	24°25	11°49	6°39	12°22	7°15	1°33	1°D59	3°13	5°15	14°32
T 28	2 25 8	4°32'38	15°10	19°46	28°18	25° 9	11°55	6°35	12°24	7°17	1°32	2° 0	3°10	5°21	14°29
F 29	2 29 5	5°32'39	27°23	21°20	29°32	25°54	12° 1	6°31	12°26	7°18	1°31	2° 1	3° 7	5°28	14°26
S 30	2 33 1	6°32'41	9♁23	22°56	0♁46	26°39	12° 7	6°27	12°28	7°19	1°30	2°R 1	3° 4	5°35	14°24
S 31	2 36 58	7♁32'45	21♁16	24♁32	2♁ 1	27♁24	12♁12	6♁24	12♁30	7♁21	1°R29	2♁ 0	3♁ 1	5♁41	14°R21

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	decl	decl	lat	decl	lat	lat	decl	lat	lat	decl	lat	lat	decl	lat	lat	decl	lat	lat	decl	lat	lat	decl	lat	lat	decl	lat	lat	decl	lat	lat					
F 1	3s 5	20s50	1n16	7s18	2s44	9s 0	0n40	22s30	1s16	18n33	0n25	19n37	2s 2	23s20	0s24	22s22	0n55	14s40	16s54	23s23	23s23	23s23	6s35	7n44	1n40										
S 2	3 28	17 43	2 15	6 36	2 28	9 29	0 38	22 38	1 16	18 33	0 25	19 37	2 2	23 20	0 24	22 22	0 55	14 40	16 54	23 23	23 23	23 23	6 32	7 43	1 40										
S 3	3 51	13 55	3 7	5 52	2 10	9 58	0 36	22 45	1 17	18 31	0 26	19 36	2 2	23 20	0 24	22 22	0 55	14 41	16 54	23 23	23 23	23 23	6 29	7 41	1 40										
M 4	4 14	9 36	3 52	5 7	1 51	10 26	0 34	22 53	1 17	18 29	0 26	19 36	2 2	23 20	0 24	22 22	0 55	14 41	16 54	23 23	23 23	23 23	6 27	7 40	1 40										
T 5	4 38	4 55	4 26	4 23	1 31	10 55	0 31	23 0	1 17	18 26	0 26	19 36	2 2	23 20	0 24	22 22	0 55	14 42	16 54	23 23	23 23	23 23	6 24	7 39	1 39										
W 6	5 1	0 3	4 49	3 40	1 11	11 23	0 29	23 7	1 17	18 24	0 26	19 35	2 2	23 20	0 24	22 22	0 55	14 42	16 54	23 24	23 24	23 24	6 21	7 38	1 39										
T 7	5 24	4n52	4 59	2 59	0 50	11 51	0 27	23 14	1 18	18 22	0 26	19 35	2 3	23 20	0 24	22 22	0 55	14 43	16 54	23 24	23 24	23 24	6 18	7 37	1 39										
F 8	5 47	9 39	4 56	2 22	0 30	12 19	0 24	23 20	1 18	18 20	0 26	19 34	2 3	23 20	0 24	22 22	0 55	14 43	16 54	23 24	23 24	23 24	6 15	7 36	1 39										
S 9	6 10	14 6	4 39	1 49	0 10	12 46	0 22	23 26	1 18	18 18	0 27	19 34	2 3	23 20	0 24	22 22	0 55	14 43	16 53	23 25	23 24	23 24	6 13	7 34	1 39										
S 10	6 33	18 1	4 9	1 21	0n 9	13 13	0 19	23 33	1 18	18 15	0 27	19 34	2 3	23 20	0 24	22 22	0 55	14 44	16 53	23 25	23 24	23 24	6 10	7 33	1 39										
M 11	6 55	21 9	3 25	0 58	0 27	13 40	0 17	23 39	1 19	18 13	0 27	19 33	2 3	23 19	0 24	22 22	0 55	14 44	16 53	23 25	23 24	23 24	6 7	7 32	1 39										
T 12	7 18	23 17	2 31	0 41	0 43	14 7	0 14	23 44	1 19	18 11	0 27	19 33	2 3	23 19	0 24	22 22	0 55	14 44	16 53	23 26	23 24	23 24	6 4	7 31	1 39										
W 13	7 41	24 13	1 28	0 30	0 58	14 33	0 12	23 50	1 19	18 9	0 27	19 32	2 3	23 19	0 24	22 22	0 55	14 45	16 53	23 26	23 24	23 24	6 1	7 30	1 39										
T 14	8 3	23 47	0 19	0 24	1 11	14 59	0 9	23 55	1 19	18 7	0 27	19 32	2 3	23 19	0 24	22 22	0 55	14 45	16 53	23 26	23 24	23 24	5 58	7 29	1 39										
F 15	8 25	21 57	0s52	0 23	1 23	15 24	0 7	24 0	1 19	18 5	0 28	19 31	2 3	23 19	0 24	22 22	0 55	14 45	16 53	23 26	23 24	23 24	5 56	7 27	1 39										
S 16	8 48	18 49	2 2	0 28	1 33	15 49	0 4	24 5	1 20	18 3	0 28	19 30	2 4	23 19	0 24	22 22	0 55	14 46	16 53	23 26	23 24	23 24	5 53	7 26	1 39										
S 17	9 10	14 32	3 6	0 38	1 42	16 14	0 1	24 9	1 20	18 1	0 28	19 30	2 4	23 19	0 24	22 22	0 55	14 46	16 53	23 26	23 25	23 25	5 50	7 25	1 38										
M 18	9 32	9 22	4 0	0 52	1 49	16 38	0s 1	24 14	1 20	18 0	0 28	19 29	2 4	23 19	0 24	22 22	0 55	14 46	16 52	23 26	23 25	23 25	5 47	7 24	1 38										
T 19	9 54	3 35	4 39	1 11	1 55	17 2	0 4	24 18	1 20	17 58	0 28	19 29	2 4	23 18	0 24	22 22	0 55	14 47	16 52	23 26	23 25	23 25	5 44	7 23	1 38										
W 20	10 15	2s26	5 0	1 33																															

SWISS EPHEMERIS for the year 1824

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Day	Sid.t	☉	☽	♀	♂	♃	♄	♅	♆	♇	♁	♂	♁	♃	♄
M 1	2 40 54	8♏32'51	3♏ 7	26♏ 9	3♏15	28♏ 9	12♏18	6°R20	12♏32	7♏22	1°R28	1°R56	2♏57	5♏48	14°R19
T 2	2 44 51	9°32'58	15° 0	27°47	4°29	28°53	12°23	6♏15	12°34	7°23	1°Y27	1♏51	2°54	5°55	14°Y16
W 3	2 48 47	10°33'07	26°59	29°25	5°43	29°38	12°28	6°11	12°36	7°25	1°26	1°43	2°51	6° 2	14°14
T 4	2 52 44	11°33'17	9°Y 8	1♏ 3	6°58	0♏23	12°33	6° 7	12°38	7°26	1°25	1°34	2°48	6° 8	14°11
F 5	2 56 40	12°33'29	21°29	2°40	8°12	1° 9	12°38	6° 3	12°40	7°28	1°24	1°25	2°45	6°15	14° 9
S 6	3 0 37	13°33'43	4♏ 2	4°18	9°26	1°54	12°42	5°59	12°42	7°29	1°24	1°16	2°42	6°22	14° 7
S 7	3 4 34	14°33'59	16°49	5°56	10°40	2°39	12°47	5°54	12°44	7°31	1°23	1° 8	2°38	6°28	14° 4
M 8	3 8 30	15°34'16	29°49	7°34	11°55	3°24	12°51	5°50	12°47	7°32	1°22	1° 2	2°35	6°35	14° 2
T 9	3 12 27	16°34'35	13♏ 0	9°11	13° 9	4°10	12°55	5°45	12°49	7°34	1°21	0°58	2°32	6°42	14° 0
W10	3 16 23	17°34'56	26°23	10°49	14°23	4°55	12°59	5°41	12°51	7°35	1°20	0°D56	2°29	6°48	13°58
T 11	3 20 20	18°35'19	9♏56	12°26	15°37	5°41	13° 2	5°36	12°54	7°37	1°20	0°57	2°26	6°55	13°55
F 12	3 24 16	19°35'44	23°39	14° 3	16°52	6°26	13° 6	5°32	12°56	7°39	1°19	0°58	2°23	7° 2	13°53
S 13	3 28 13	20°36'11	7♏32	15°39	18° 6	7°12	13° 9	5°27	12°59	7°40	1°18	0°59	2°19	7° 9	13°51
S 14	3 32 9	21°36'39	21°35	17°16	19°20	7°57	13°12	5°22	13° 1	7°42	1°17	1°R 0	2°16	7°15	13°49
M15	3 36 6	22°37'10	5♏45	18°52	20°34	8°43	13°15	5°18	13° 4	7°44	1°17	0°59	2°13	7°22	13°47
T 16	3 40 3	23°37'42	20° 3	20°28	21°48	9°29	13°18	5°13	13° 6	7°45	1°16	0°57	2°10	7°29	13°45
W17	3 43 59	24°38'16	4♏24	22° 4	23° 2	10°15	13°21	5° 8	13° 9	7°47	1°15	0°52	2° 7	7°35	13°43
T 18	3 47 56	25°38'52	18°45	23°39	24°16	11° 0	13°23	5° 3	13°12	7°49	1°15	0°47	2° 3	7°42	13°41
F 19	3 51 52	26°39'29	3♏ 0	25°14	25°31	11°46	13°25	4°58	13°14	7°51	1°14	0°42	2° 0	7°49	13°39
S 20	3 55 49	27°40'09	17° 5	26°49	26°45	12°32	13°27	4°54	13°17	7°53	1°14	0°36	1°57	7°56	13°37
S 21	3 59 45	28°40'49	0♏54	28°24	27°59	13°18	13°29	4°49	13°20	7°54	1°13	0°32	1°54	8° 2	13°36
M22	4 3 42	29°41'32	14°25	29°59	29°13	14° 4	13°31	4°44	13°23	7°56	1°13	0°30	1°51	8° 9	13°34
T 23	4 7 38	0♏42'15	27°36	1♏34	0♏27	14°51	13°32	4°39	13°25	7°58	1°12	0°D28	1°48	8°16	13°32
W24	4 11 35	1°43'00	10♏25	3° 8	1°41	15°37	13°34	4°34	13°28	8° 0	1°12	0°29	1°44	8°22	13°30
T 25	4 15 32	2°43'46	22°56	4°42	2°55	16°23	13°35	4°29	13°31	8° 2	1°11	0°30	1°41	8°29	13°29
F 26	4 19 28	3°44'32	5♏10	6°16	4° 9	17° 9	13°36	4°24	13°34	8° 4	1°11	0°32	1°38	8°36	13°27
S 27	4 23 25	4°45'20	17°13	7°50	5°23	17°56	13°36	4°19	13°37	8° 6	1°10	0°34	1°35	8°43	13°26
S 28	4 27 21	5°46'09	29° 7	9°24	6°37	18°42	13°37	4°14	13°40	8° 8	1°10	0°35	1°32	8°49	13°24
M29	4 31 18	6°46'59	10♏59	10°58	7°51	19°28	13°37	4° 9	13°43	8°10	1° 9	0°R35	1°29	8°56	13°23
T 30	4 35 14	7°47'49	22♏52	12♏32	9♏ 5	20♏15	13°R37	4♏ 5	13♏46	8♏12	1°Y 9	0♏34	1♏25	9♏ 3	13°Y22

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	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
M 1	14s22	6s11	4n29	8s32	1n41	21s27	0s38	24s48	1s21	17n37	0n31	19n20	2s 5	23s16	0s24	22s21	0n54	14s50	16s50	23s27	23s26	5s 8	7n 8	1n37				
T 2	14 41	1 24	4 53	9 12	1 36	21 44	0 41	24 49	1 21	17 36	0 31	19 19	2 5	23 16	0 24	22 21	0 54	14 50	16 50	23 27	23 26	5 5	7 7	1 37				
W 3	15 0	3n28	5 5	9 52	1 31	22 0	0 44	24 49	1 22	17 35	0 31	19 19	2 5	23 16	0 24	22 21	0 54	14 50	16 49	23 27	23 26	5 2	7 6	1 37				
T 4	15 19	8 16	5 4	10 31	1 25	22 15	0 46	24 49	1 22	17 33	0 31	19 18	2 5	23 16	0 24	22 21	0 54	14 50	16 49	23 27	23 26	4 59	7 5	1 37				
F 5	15 37	12 50	4 48	11 11	1 19	22 30	0 49	24 49	1 22	17 32	0 32	19 17	2 5	23 15	0 24	22 21	0 54	14 50	16 49	23 27	23 26	4 57	7 4	1 36				
S 6	15 55	16 55	4 18	11 49	1 13	22 44	0 51	24 48	1 22	17 31	0 32	19 16	2 5	23 15	0 24	22 21	0 54	14 50	16 49	23 27	23 26	4 54	7 3	1 36				
S 7	16 13	20 19	3 35	12 28	1 7	22 57	0 54	24 48	1 22	17 30	0 32	19 16	2 5	23 15	0 24	22 21	0 54	14 50	16 49	23 27	23 26	4 51	7 2	1 36				
M 8	16 31	22 44	2 40	13 6	1 0	23 10	0 56	24 47	1 22	17 29	0 32	19 15	2 5	23 15	0 24	22 21	0 54	14 50	16 48	23 27	23 26	4 48	7 1	1 36				
T 9	16 48	23 58	1 36	13 43	0 54	23 22	0 59	24 45	1 22	17 28	0 32	19 14	2 5	23 15	0 24	22 21	0 54	14 50	16 48	23 28	23 26	4 45	7 0	1 36				
W10	17 6	23 49	0 25	14 20	0 47	23 34	1 1	24 44	1 21	17 27	0 33	19 13	2 5	23 14	0 24	22 21	0 54	14 51	16 48	23 28	23 26	4 42	6 59	1 36				
T 11	17 22	22 17	0s49	14 57	0 40	23 45	1 4	24 42	1 21	17 26	0 33	19 13	2 5	23 14	0 24	22 21	0 54	14 51	16 47	23 28	23 26	4 40	6 58	1 36				
F 12	17 39	19 25	2 0	15 32	0 34	23 55	1 6	24 40	1 21	17 26	0 33	19 12	2 5	23 14	0 24	22 21	0 54	14 51	16 47	23 28	23 26	4 37	6 57	1 36				
S 13	17 55	15 25	3 5	16 7	0 27	24 4	1 9	24 37	1 21	17 25	0 33	19 11	2 5	23 14	0 24	22 21	0 54	14 51	16 47	23 28	23 27	4 34	6 56	1 35				
S 14	18 11	10 32	4 0	16 41	0 20	24 13	1 11	24 35	1 21	17 24	0 33	19 10	2 5	23 13	0 24	22 21	0 54	14 51	16 47	23 28	23 27	4 31	6 55	1 35				
M15	18 27	5 3	4 41	17 14	0 13	24 21	1 13	24 32	1 21	17 24	0 34	19 9	2 5	23 13	0 24	22 21	0 54	14 51	16 46	23 28	23 27	4 28	6 54	1 35				
T 16	18 42	0s44	5 5	17 47	0 6	24 28	1 15	24 28	1 21	17 23	0 34	19 8	2 5	23 13	0 24	22 21	0 54	14 51	16 46	23 28	23 27	4 26	6 53	1 35				
W17	18 57	6 30	5 10	18 18	0s 0	24 34	1 18	24 25	1 21	17 22	0 34	19 8	2 5	23 12	0 24	22 20	0 54	14 51	16 46	23 28	23 27	4 23	6 52	1 35				
T 18	19 11	11 54	4 56	18 49	0 7	24 40	1 20	24 21	1 21	17 22	0 34	19 7	2 5	23 12	0 24	22 20	0 54	14 51	16 46	23 28	23 27	4 20	6 52	1 35				
F 19	19 26	16 38	4 23	19 19	0 14	24 45	1 22	24 17	1 21	17 21	0 34	19 6	2 5	23 12	0 24	22 20	0 54	14 51	16 45	23 28	23 27	4 17	6 51	1 35				
S 20	19 40	20 23	3 35	19 48	0 20	24 49	1 24	24 13	1 21	17 21	0 35	19 5	2 5	23 12	0 24	22 20	0 54	14 51	16 45	23 28	23 27	4 14	6 50	1 34				
S 21	19 53	22 53	2 35	20 16	0 27	24 53	1 26	24 8	1 21	17 21	0 35	19 4	2 5	23 11	0 24	22 20	0 53	14 51	16 45	23 28	23 27	4 12	6 49	1 34				
M22	20 6	23 59	1 27	20 43	0 33	24 55	1 28	24 3	1 20	17 21	0 35	19 4	2 5	23 11	0 24	22 20	0 53	14 50	16 44	23 28	23 27	4 9	6 48	1 34				
T 23	20 19	23 42	0 16	21 9	0 40	24 57	1 30	23 58	1 20	17 20	0 35	19 3	2 5	23 11	0 24	22 20	0 53	14 50	16 44	23 28	23 27	4 6	6 47	1 34				
W24	20 31	22 9	0n54	21 33	0 46	24 59	1 32	23 53	1 20	17 20	0 36	19 2	2 5	23 11	0 24	22 20	0 53	14 50	16 44	23 28	23 27	4 3	6 47	1 34				
T 25	20 44	19 32	2 0	21 57	0 52	24 59	1 33	23 47	1 20	17 20	0 36	19 1	2 5	23 10	0 24	22 20	0 53	14 50	16 43	23 28	23 27	4 0	6 46	1 34				
F 26	20 55	16 6	2 59	22 20	0 58	24 59	1 35	23 41	1 20	17 20	0 36	19 0	2 4	23 10	0 24	22 20	0 53	14 50	16 43	23 28	23 27	3 58	6 45	1 34				
S 27	21 6	12 3	3 49	22 41	1 4	24 58	1 37	23 35	1 20	17 20	0 36	18 59	2 4	23 10	0 24	22 20	0 53	14 50	16 43	23 28	23 27	3 55	6 44	1 33				
S 28	21 17	7 36	4 29	23 2	1 10	24 56	1 39	23 28	1 20	17 20	0 36	18 59	2 4	23 9	0 24	22 20	0 53	14 50	16 42	23 28	23 27	3 52	6 44	1 33				
M29	21 28	2 53	4 57	23 21	1 15	24 54	1 40	23 21	1 19	17 20	0 37	18 58	2 4	23 9														

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Day	Sid.t	☉	☽	♀	♁	♂	♄	♃	♆	♅	♁	♁	♁	♁	♁
W 1	4 39 11	8 ^h 48'41"	4 ^h 53'	14 ^h 7'	10 ^h 31'	21 ^h 31'	13 ^h 37'	4 ^h 0'	13 ^h 34'	8 ^h 14'	1 ^h 9'	0 ^h R32	1 ^h 32'	9 ^h 9'	13 ^h R20
T 2	4 43 7	9 ^h 49'33"	17 ^h 4'	15 ^h 40'	11 ^h 33'	21 ^h 48'	13 ^h 37'	3 ^h 55'	13 ^h 52'	8 ^h 16'	1 ^h 8'	0 ^h R29	1 ^h 19'	9 ^h 16'	13 ^h R19
F 3	4 47 4	10 ^h 50'26"	29 ^h 30'	17 ^h 13'	12 ^h 47'	22 ^h 34'	13 ^h 36'	3 ^h 50'	13 ^h 55'	8 ^h 18'	1 ^h 8'	0 ^h 26'	1 ^h 16'	9 ^h 23'	13 ^h R18
S 4	4 51 1	11 ^h 51'20"	12 ^h 13'	18 ^h 47'	14 ^h 1'	23 ^h 21'	13 ^h 35'	3 ^h 45'	13 ^h 58'	8 ^h 20'	1 ^h 8'	0 ^h 23'	1 ^h 13'	9 ^h 30'	13 ^h R17
S 5	4 54 57	12 ^h 52'15"	25 ^h 13'	20 ^h 21'	15 ^h 14'	24 ^h 7'	13 ^h 34'	3 ^h 40'	14 ^h 2'	8 ^h 22'	1 ^h 8'	0 ^h 20'	1 ^h 9'	9 ^h 36'	13 ^h R15
M 6	4 58 54	13 ^h 53'11"	8 ^h 32'	21 ^h 54'	16 ^h 28'	24 ^h 54'	13 ^h 33'	3 ^h 35'	14 ^h 5'	8 ^h 24'	1 ^h 7'	0 ^h 18'	1 ^h 6'	9 ^h 43'	13 ^h R14
T 7	5 2 50	14 ^h 54'08"	22 ^h 7'	23 ^h 28'	17 ^h 42'	25 ^h 41'	13 ^h 32'	3 ^h 31'	14 ^h 8'	8 ^h 26'	1 ^h 7'	0 ^h 17'	1 ^h 3'	9 ^h 50'	13 ^h R13
W 8	5 6 47	15 ^h 55'06"	5 ^h 57'	25 ^h 2'	18 ^h 56'	26 ^h 27'	13 ^h 31'	3 ^h 26'	14 ^h 11'	8 ^h 29'	1 ^h 7'	0 ^h D17	1 ^h 0'	9 ^h 56'	13 ^h R12
T 9	5 10 43	16 ^h 56'05"	19 ^h 58'	26 ^h 36'	20 ^h 9'	27 ^h 14'	13 ^h 29'	3 ^h 21'	14 ^h 14'	8 ^h 31'	1 ^h 7'	0 ^h 18'	0 ^h 57'	10 ^h 3'	13 ^h R12
F 10	5 14 40	17 ^h 57'05"	4 ^h 9'	28 ^h 9'	21 ^h 23'	28 ^h 1'	13 ^h 27'	3 ^h 16'	14 ^h 18'	8 ^h 33'	1 ^h 7'	0 ^h 19'	0 ^h 54'	10 ^h 10'	13 ^h R11
S 11	5 18 37	18 ^h 58'05"	18 ^h 21'	29 ^h 43'	22 ^h 37'	28 ^h 47'	13 ^h 25'	3 ^h 12'	14 ^h 21'	8 ^h 35'	1 ^h 6'	0 ^h 20'	0 ^h 50'	10 ^h 17'	13 ^h R10
S 12	5 22 33	19 ^h 59'07"	2 ^h 35'	1 ^h 31'	23 ^h 50'	29 ^h 34'	13 ^h 23'	3 ^h 7'	14 ^h 24'	8 ^h 37'	1 ^h 6'	0 ^h 21'	0 ^h 47'	10 ^h 23'	13 ^h 9
M13	5 26 30	21 ^h 0'10"	16 ^h 48'	2 ^h 50'	25 ^h 4'	0 ^h 21'	13 ^h 20'	3 ^h 3'	14 ^h 28'	8 ^h 39'	1 ^h 6'	0 ^h R21	0 ^h 44'	10 ^h 30'	13 ^h 9
T 14	5 30 26	22 ^h 1'14"	0 ^h 58'	4 ^h 24'	26 ^h 17'	1 ^h 8'	13 ^h 17'	2 ^h 58'	14 ^h 31'	8 ^h 42'	1 ^h 6'	0 ^h 21'	0 ^h 41'	10 ^h 37'	13 ^h 8
W15	5 34 23	23 ^h 2'18"	15 ^h 1'	5 ^h 57'	27 ^h 31'	1 ^h 55'	13 ^h 15'	2 ^h 54'	14 ^h 34'	8 ^h 44'	1 ^h D 6	0 ^h 21'	0 ^h 38'	10 ^h 43'	13 ^h 7
T 16	5 38 19	24 ^h 3'24"	28 ^h 57'	7 ^h 30'	28 ^h 44'	2 ^h 42'	13 ^h 12'	2 ^h 49'	14 ^h 38'	8 ^h 46'	1 ^h 6'	0 ^h 20'	0 ^h 35'	10 ^h 50'	13 ^h 7
F 17	5 42 16	25 ^h 4'31"	12 ^h 14'	9 ^h 3'	29 ^h 58'	3 ^h 29'	13 ^h 8'	2 ^h 45'	14 ^h 41'	8 ^h 48'	1 ^h 6'	0 ^h 19'	0 ^h 31'	10 ^h 57'	13 ^h 6
S 18	5 46 12	26 ^h 5'38"	26 ^h 19'	10 ^h 35'	1 ^h 11'	4 ^h 16'	13 ^h 5'	2 ^h 40'	14 ^h 45'	8 ^h 50'	1 ^h 6'	0 ^h 19'	0 ^h 28'	11 ^h 4'	13 ^h 6
S 19	5 50 9	27 ^h 6'46"	9 ^h 42'	12 ^h 7'	2 ^h 25'	5 ^h 3'	13 ^h 1'	2 ^h 36'	14 ^h 48'	8 ^h 53'	1 ^h 6'	0 ^h 18'	0 ^h 25'	11 ^h 10'	13 ^h 6
M20	5 54 6	28 ^h 7'55"	22 ^h 50'	13 ^h 39'	3 ^h 38'	5 ^h 50'	12 ^h 57'	2 ^h 32'	14 ^h 52'	8 ^h 55'	1 ^h 6'	0 ^h 18'	0 ^h 22'	11 ^h 17'	13 ^h 5
T 21	5 58 2	29 ^h 9'04"	5 ^h 34'	15 ^h 9'	4 ^h 51'	6 ^h 37'	12 ^h 53'	2 ^h 28'	14 ^h 55'	8 ^h 57'	1 ^h 7'	0 ^h D18	0 ^h 19'	11 ^h 24'	13 ^h 5
W22	6 1 59	0 ^h 31'14"	18 ^h 23'	16 ^h 39'	6 ^h 5'	7 ^h 24'	12 ^h 49'	2 ^h 24'	14 ^h 58'	8 ^h 59'	1 ^h 7'	0 ^h R18	0 ^h 15'	11 ^h 30'	13 ^h 5
T 23	6 5 55	1 ^h 11'24"	0 ^h 47'	18 ^h 8'	7 ^h 18'	8 ^h 11'	12 ^h 45'	2 ^h 20'	15 ^h 2'	9 ^h 2'	1 ^h 7'	0 ^h 18'	0 ^h 12'	11 ^h 37'	13 ^h 5
F 24	6 9 52	2 ^h 12'34"	12 ^h 59'	19 ^h 36'	8 ^h 31'	8 ^h 58'	12 ^h 40'	2 ^h 16'	15 ^h 5'	9 ^h 4'	1 ^h 7'	0 ^h 18'	0 ^h 9'	11 ^h 44'	13 ^h D 5
S 25	6 13 48	3 ^h 13'44"	25 ^h 1'	21 ^h 1'	9 ^h 44'	9 ^h 45'	12 ^h 36'	2 ^h 12'	15 ^h 9'	9 ^h 6'	1 ^h 7'	0 ^h 18'	0 ^h 6'	11 ^h 51'	13 ^h 5
S 26	6 17 45	4 ^h 14'54"	6 ^h 56'	22 ^h 25'	10 ^h 57'	10 ^h 32'	12 ^h 31'	2 ^h 8'	15 ^h 12'	9 ^h 8'	1 ^h 8'	0 ^h 17'	0 ^h 3'	11 ^h 57'	13 ^h 5
M27	6 21 41	5 ^h 16'04"	18 ^h 48'	23 ^h 47'	12 ^h 10'	11 ^h 19'	12 ^h 26'	2 ^h 5'	15 ^h 16'	9 ^h 11'	1 ^h 8'	0 ^h 17'	29 ^h 59'	12 ^h 4'	13 ^h 5
T 28	6 25 38	6 ^h 17'14"	0 ^h 40'	25 ^h 6'	13 ^h 23'	12 ^h 6'	12 ^h 21'	2 ^h 1'	15 ^h 20'	9 ^h 13'	1 ^h 8'	0 ^h D16	29 ^h 56'	12 ^h 11'	13 ^h 5
W29	6 29 35	7 ^h 18'23"	12 ^h 39'	26 ^h 22'	14 ^h 36'	12 ^h 53'	12 ^h 15'	1 ^h 57'	15 ^h 23'	9 ^h 15'	1 ^h 8'	0 ^h 16'	29 ^h 53'	12 ^h 17'	13 ^h 5
T 30	6 33 31	8 ^h 19'33"	24 ^h 48'	27 ^h 34'	15 ^h 49'	13 ^h 41'	12 ^h 10'	1 ^h 54'	15 ^h 27'	9 ^h 17'	1 ^h 9'	0 ^h 17'	29 ^h 50'	12 ^h 24'	13 ^h 6
F 31	6 37 28	9 ^h 20'42"	7 ^h 12'	28 ^h 34'	17 ^h 22'	14 ^h 28'	12 ^h 9'	1 ^h 50'	15 ^h 30'	9 ^h 20'	1 ^h 9'	0 ^h 18'	29 ^h 47'	12 ^h 31'	13 ^h R 6

Day	☉	☽	♀	♁	♂	♄	♃	♆	♅	♁	♁	♁	♁	♁	♁									
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat									
W 1	21s47	6n44	5n14	23s56	1s26	24s46	1s43	23s 7	1s19	17n21	0n37	18n56	2s 4	23s 8	0s24	22s19	0n53	14s49	16s41	23s28	23s27	3s43	6n42	1n33
T 2	21 57	11 21	5 2	24 12	1 31	24 42	1 44	23 0	1 19	17 21	0 37	18 55	2 4	23 8	0 24	22 19	0 53	14 49	16 41	23 28	23 27	3 41	6 41	1 33
F 3	22 5	15 36	4 35	24 26	1 36	24 36	1 46	22 52	1 19	17 21	0 38	18 55	2 4	23 8	0 24	22 19	0 53	14 49	16 41	23 28	23 27	3 38	6 40	1 33
S 4	22 14	19 14	3 55	24 39	1 40	24 30	1 47	22 44	1 18	17 22	0 38	18 54	2 4	23 7	0 24	22 19	0 53	14 49	16 40	23 28	23 27	3 35	6 40	1 32
S 5	22 22	22 2	3 2	24 51	1 45	24 23	1 48	22 35	1 18	17 22	0 38	18 53	2 4	23 7	0 24	22 19	0 53	14 49	16 40	23 28	23 27	3 32	6 39	1 32
M 6	22 29	23 41	1 57	25 2	1 49	24 15	1 49	22 27	1 18	17 23	0 38	18 52	2 3	23 7	0 24	22 19	0 53	14 48	16 40	23 28	23 27	3 29	6 39	1 32
T 7	22 36	23 59	0 45	25 11	1 53	24 7	1 50	22 18	1 18	17 23	0 38	18 51	2 3	23 6	0 24	22 19	0 53	14 48	16 39	23 28	23 27	3 27	6 38	1 32
W 8	22 43	22 48	0s31	25 19	1 57	23 58	1 51	22 9	1 17	17 24	0 39	18 51	2 3	23 6	0 24	22 18	0 53	14 48	16 39	23 28	23 27	3 24	6 38	1 32
T 9	22 49	20 13	1 47	25 25	2 0	23 48	1 52	22 0	1 17	17 25	0 39	18 50	2 3	23 6	0 24	22 18	0 53	14 48	16 39	23 28	23 28	3 21	6 37	1 32
F 10	22 55	16 23	2 57	25 30	2 3	23 37	1 53	21 50	1 17	17 25	0 39	18 49	2 3	23 5	0 24	22 18	0 53	14 47	16 38	23 28	23 28	3 18	6 37	1 31
S 11	23 0	11 36	3 56	25 33	2 6	23 26	1 54	21 40	1 17	17 26	0 39	18 48	2 3	23 5	0 24	22 18	0 53	14 47	16 38	23 28	23 28	3 15	6 36	1 31
S 12	23 5	6 12	4 41	25 35	2 8	23 14	1 54	21 30	1 16	17 27	0 40	18 48	2 3	23 5	0 24	22 18	0 53	14 47	16 38	23 28	23 28	3 13	6 36	1 31
M13	23 9	0 29	5 8	25 36	2 10	23 1	1 55	21 20	1 16	17 28	0 40	18 47	2 3	23 4	0 24	22 18	0 53	14 47	16 37	23 28	23 28	3 10	6 35	1 31
T 14	23 13	5s14	5 17	25 35	2 12	22 48	1 55	21 9	1 16	17 29	0 40	18 46	2 2	23 4	0 24	22 18	0 53	14 46	16 37	23 28	23 28	3 7	6 35	1 31
W15	23 17	10 38	5 7	25 33	2 13	22 34	1 56	20 59	1 15	17 30	0 40	18 46	2 2	23 4	0 24	22 18	0 53	14 46	16 37	23 28	23 28	3 4	6 35	1 31
T 16	23 20	15 27	4 38	25 29	2 14	22 19	1 56	20 48	1 15	17 31	0 40	18 45	2 2	23 3	0 24	22 17	0 53	14 46	16 36	23 28	23 28	3 1	6 34	1 31
F 17	23 22	19 23	3 54	25 23	2 14	22 4	1 56	20 36	1 15	17 32	0 41	18 44	2 2	23 3	0 24	22 17	0 53	14 45	16 36	23 28	23 28	2 59	6 34	1 30
S 18	23 24	22 13	2 58	25 16	2 14	21 48	1 56	20 25	1 14	17 33	0 41	18 43	2 2	23 2	0 24	22 17	0 53	14 45	16 35	23 28	23 28	2 56	6 34	1 30
S 19																								