

SWISS EPHEMERIS for the year 2024

JANUARY 2024

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♃	♄	♅	♆	♇	♁	♂	♁	♃	♄
M 1	6 40 36	10♌ 2'21	6♍ 0	22°R17	2♌37	27♌19	5♃35	3♋15	19°R23	25♋ 5	29♌21	21°R 5	20♍53	9♍58	15♍28
T 2	6 44 33	11° 3'29	17°49	22°D11	3°50	28° 3	5°35	3°20	19♌22	25° 5	29°23	21°Y 0	20°49	10° 5	15°28
W 3	6 48 29	12° 4'38	29°37	22♌14	5° 3	28°48	5°36	3°25	19°20	25° 6	29°25	20°58	20°46	10°12	15°28
T 4	6 52 26	13° 5'47	11♌30	22°26	6°16	29°32	5°36	3°31	19°19	25° 7	29°27	20°D57	20°43	10°18	15°29
F 5	6 56 23	14° 6'56	23°33	22°46	7°29	0♌17	5°37	3°36	19°18	25° 8	29°29	20°R57	20°40	10°25	15°29
S 6	7 0 19	15° 8'06	5♍51	23°13	8°42	1° 2	5°38	3°42	19°17	25° 9	29°31	20°57	20°37	10°32	15°30
S 7	7 4 16	16° 9'16	18°31	23°46	9°56	1°46	5°40	3°48	19°16	25°10	29°33	20°54	20°34	10°38	15°30
M 8	7 8 12	17°10'26	1♌35	24°26	11° 9	2°31	5°41	3°53	19°15	25°11	29°35	20°49	20°30	10°45	15°31
T 9	7 12 9	18°11'36	15° 6	25°10	12°22	3°16	5°43	3°59	19°14	25°13	29°37	20°42	20°27	10°52	15°32
W10	7 16 5	19°12'47	29° 5	25°59	13°36	4° 1	5°45	4° 5	19°13	25°14	29°39	20°31	20°24	10°59	15°32
T 11	7 20 2	20°13'57	13♌37	26°52	14°49	4°46	5°47	4°11	19°12	25°15	29°40	20°19	20°21	11° 5	15°33
F 12	7 23 58	21°15'07	28° 8	27°49	16° 3	5°31	5°50	4°17	19°11	25°16	29°42	20° 7	20°18	11°12	15°34
S 13	7 27 55	22°16'16	12♌59	28°49	17°16	6°16	5°52	4°23	19°11	25°17	29°44	19°55	20°15	11°19	15°35
S 14	7 31 52	23°17'25	27°51	29°52	18°30	7° 1	5°55	4°29	19°10	25°19	29°46	19°46	20°11	11°25	15°36
M15	7 35 48	24°18'34	12♋36	0♌58	19°43	7°46	5°58	4°35	19° 9	25°20	29°48	19°39	20° 8	11°32	15°37
T 16	7 39 45	25°19'41	27° 7	2° 6	20°57	8°31	6° 1	4°41	19° 9	25°21	29°50	19°36	20° 5	11°39	15°38
W17	7 43 41	26°20'48	11♍22	3°17	22°10	9°16	6° 4	4°48	19° 8	25°23	29°52	19°34	20° 2	11°45	15°39
T 18	7 47 38	27°21'54	25°18	4°29	23°24	10° 1	6° 8	4°54	19° 8	25°24	29°54	19°34	19°59	11°52	15°40
F 19	7 51 34	28°23'00	8♌57	5°43	24°38	10°46	6°12	5° 0	19° 7	25°25	29°56	19°34	19°55	11°59	15°42
S 20	7 55 31	29°24'04	22°20	6°59	25°51	11°32	6°15	5° 7	19° 7	25°27	29°58	19°32	19°52	12° 5	15°43
S 21	7 59 27	0♌25'08	5♍28	8°16	27° 5	12°17	6°20	5°13	19° 6	25°28	29°59	19°28	19°49	12°12	15°44
M22	8 3 24	1°26'11	18°24	9°35	28°19	13° 2	6°24	5°19	19° 6	25°30	0♌ 2	19°21	19°46	12°19	15°45
T 23	8 7 21	2°27'13	1♌ 8	10°55	29°33	13°48	6°28	5°26	19° 6	25°31	0° 4	19°11	19°43	12°25	15°47
W24	8 11 17	3°28'14	13°42	12°16	0♌47	14°33	6°33	5°33	19° 6	25°33	0° 6	18°58	19°40	12°32	15°48
T 25	8 15 14	4°29'15	26° 6	13°38	2° 1	15°18	6°38	5°39	19° 5	25°34	0° 8	18°44	19°36	12°39	15°50
F 26	8 19 10	5°30'14	8♌21	15° 1	3°14	16° 4	6°43	5°46	19° 5	25°36	0°10	18°31	19°33	12°45	15°52
S 27	8 23 7	6°31'13	20°26	16°25	4°28	16°49	6°48	5°52	19°D 5	25°38	0°12	18°18	19°30	12°52	15°53
S 28	8 27 3	7°32'11	2♍23	17°50	5°42	17°35	6°54	5°59	19° 5	25°39	0°14	18° 7	19°27	12°59	15°55
M29	8 31 0	8°33'08	14°15	19°16	6°56	18°20	6°59	6° 6	19° 5	25°41	0°15	17°59	19°24	13° 5	15°57
T 30	8 34 56	9°34'04	26° 2	20°43	8°10	19° 6	7° 5	6°13	19° 5	25°43	0°17	17°54	19°20	13°12	15°58
W31	8 38 53	10°35'00	7♌50	22♌10	9♌24	19♌52	7♌11	6♌20	19♌ 6	25♌44	0♌19	17♍52	19♍17	13♎19	16♎ 0

Day	☉	☽	♀	♂	♃	♄	♅	♆	♇	♁	♂	♁	♃	♄										
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat									
M 1	23s 4	12n38	3n34	20s 9	3n 4	18s46	1n57	23s58	0s33	12n16	1s11	11s50	1s38	17n17	0s18	3s 6	1s14	22s59	2s46	8n13	8n 9	10n57	7n20	1n21
T 2	22 59	7 22	2 46	20 13	3 0	19 2	1 55	23 59	0 34	12 16	1 11	11 48	1 38	17 16	0 18	3 5	1 14	22 59	2 46	8 12	8 8	10 54	7 20	1 21
W 3	22 53	1 50	1 50	20 18	2 55	19 17	1 53	24 0	0 34	12 17	1 11	11 46	1 38	17 16	0 18	3 5	1 14	22 59	2 46	8 11	8 7	10 51	7 20	1 21
T 4	22 48	3s47	0 50	20 25	2 49	19 31	1 51	24 1	0 35	12 17	1 10	11 44	1 38	17 16	0 18	3 4	1 14	22 58	2 46	8 11	8 5	10 48	7 20	1 21
F 5	22 41	9 21	0s14	20 33	2 42	19 46	1 49	24 2	0 35	12 18	1 10	11 42	1 38	17 16	0 18	3 4	1 14	22 58	2 46	8 11	8 4	10 44	7 20	1 21
S 6	22 35	14 42	1 18	20 42	2 34	19 59	1 47	24 2	0 36	12 18	1 10	11 40	1 38	17 15	0 18	3 3	1 14	22 58	2 46	8 10	8 3	10 41	7 21	1 21
S 7	22 28	19 35	2 20	20 51	2 26	20 12	1 45	24 2	0 37	12 19	1 9	11 38	1 38	17 15	0 18	3 3	1 14	22 57	2 46	8 10	8 2	10 38	7 21	1 21
M 8	22 20	23 41	3 17	21 2	2 18	20 25	1 43	24 2	0 37	12 20	1 9	11 36	1 38	17 15	0 18	3 3	1 14	22 57	2 46	8 8	8 1	10 35	7 21	1 20
T 9	22 12	26 40	4 5	21 12	2 9	20 37	1 41	24 2	0 38	12 21	1 9	11 34	1 38	17 14	0 18	3 2	1 14	22 57	2 47	8 5	7 59	10 32	7 21	1 20
W10	22 4 28	6 4	4 0	21 23	2 0	20 48	1 38	24 1	0 38	12 22	1 8	11 31	1 37	17 14	0 18	3 2	1 14	22 56	2 47	8 1	7 58	10 29	7 21	1 20
T 11	21 55	27 42	4 58	21 33	1 51	20 59	1 36	24 0	0 39	12 23	1 8	11 29	1 37	17 14	0 18	3 1	1 14	22 56	2 47	7 56	7 57	10 25	7 21	1 20
F 12	21 46	25 23	4 57	21 44	1 41	21 9	1 34	23 59	0 39	12 24	1 8	11 27	1 37	17 14	0 18	3 1	1 14	22 56	2 47	7 52	7 56	10 22	7 21	1 20
S 13	21 36	21 20	4 36	21 54	1 32	21 19	1 31	23 57	0 40	12 25	1 7	11 25	1 37	17 14	0 18	3 0	1 14	22 55	2 47	7 47	7 55	10 19	7 22	1 20
S 14	21 26	15 55	3 57	22 3	1 23	21 28	1 29	23 56	0 41	12 26	1 7	11 22	1 37	17 13	0 18	3 0	1 14	22 55	2 47	7 44	7 53	10 16	7 22	1 20
M15	21 15	9 38	3 2	22 13	1 14	21 37	1 26	23 54	0 41	12 27	1 7	11 20	1 37	17 13	0 18	2 59	1 14	22 55	2 47	7 41	7 52	10 13	7 22	1 19
T 16	21 4	2 55	1 56	22 21	1 4	21 44	1 24	23 51	0 42	12 29	1 7	11 18	1 37	17 13	0 18	2 58	1 14	22 54	2 47	7 40	7 51	10 9	7 22	1 19
W17	20 53	3n50	0 43	22 29	0 55	21 52	1 21	23 49	0 42	12 30	1 6	11 16	1 37	17 13	0 18	2 58	1 14	22 54	2 47	7 39	7 50	10 6	7 23	1 19
T 18	20 41	10 16	0n30	22 36	0 46	21 58	1 18	23 46	0 43	12 32	1 6	11 13	1 37	17 13	0 18	2 57	1 14	22 54	2 47	7 39	7 49	10 3	7 23	1 19
F 19	20 29	16 4	1 41	22 42	0 37	22 4	1 16	23 43	0 43	12 33	1 6	11 11	1 37	17 13	0 18	2 57	1 14	22 53	2 47	7 39	7 47	10 0	7 23	1 19
S 20	20 17	20 59	2 44	22 47	0 28	22 10	1 13	23 40	0 44	12 35	1 5	11 8	1 37	17 13	0 18	2 56	1 14	22 53	2 47	7 39	7 46	9 57	7 24	1 19
S 21	20 4 24	47 3 37	22 51	0 20	22 14	1 10	23 36	0 44	12 36	1 5	11 6	1 37	17 13	0 18	2 56	1 14	22 53	2 47	7 37	7 45	9 53	7 24	1 19	
M22	19 50	27 13	4 18	22 54	0 11	22 18	1 7	23 33	0 45	12 38	1 5	11 4	1 37	17 13	0 18	2 55	1 14	22 52	2 48	7 34	7 44	9 50	7 25	1 18
T 23	19 37	28 12	4 46	22 57	0 3	22 22	1 4	23 29	0 45	12 40	1 4	11 1	1 37	17 13	0 18	2 54	1 14	22 52	2 48	7 30	7 43	9 47	7 25	1 18
W24	19 23	27 42	4 59	22 58	0s 5	22 25	1 2	23 24	0 46	12 41	1 4	10 59	1 37	17 13	0 18	2 54	1 14	22 52	2 48	7 26	7 41	9 44	7 25	1 18
T 25	19 8	25 48	4 58	22 58	0 13	22 27	0 59	23 20	0 47	12 43	1 4	10 56	1 37	17 13	0 18	2 53	1 14	22 51	2 48	7 21	7 40	9 41	7 26	1 18
F 26	18 54	22 44	4 43	22 57	0 21	22 28	0 56	23 15	0 47	12 45	1 4	10 54	1 37	17 13	0 18	2 52	1 13	22 51	2 48	7 15	7 39	9 37	7 26	1 18
S 27	18 39	18 43	4 15	22 54	0 29	22 29	0 53	23 10	0 48	12 47	1 3	10 51	1 37	17 13	0 18	2 52	1 13	22 51	2 48	7 10	7 38	9 34	7 27	1 18
S 28	18 23	13 59	3 37	22 51	0 36	22 29	0 50	23 5	0 48	12 49	1 3	10 49	1 37	17 13	0 18	2 51	1 13	22 50	2 48	7 6	7 37	9 31	7 27	1 18
M29	18 7	8 48	2 49	22 46	0 43	22 28	0 47	22 59	0 49															

SWISS EPHEMERIS for the year 2024

FEBRUARY 2024

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Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♁	♁	♁	♁	♁	♁	♁
T 1	8 42 50	11 ^h 35'54	19 ^h 42	23 ^h 39	10 ^h 38	20 ^h 37	7 ^h 17	6 ^h 26	19 ^h 6	25 ^h 46	0 ^h 21	17°D51	19°Y14	13 ^h 25	16°Y 2	
F 2	8 46 46	12°36'48	1 ^h 42	25° 8	11°52	21°23	7°23	6°33	19° 6	25°48	0°23	17°Y52	19°11	13°32	16° 4	
S 3	8 50 43	13°37'42	13°58	26°38	13° 6	22° 9	7°30	6°40	19° 6	25°50	0°25	17°R52	19° 8	13°39	16° 6	
S 4	8 54 39	14°38'34	26°33	28° 9	14°20	22°55	7°36	6°47	19° 7	25°51	0°27	17°51	19° 5	13°45	16° 8	
M 5	8 58 36	15°39'26	9 ^h 32	29°40	15°34	23°41	7°43	6°54	19° 7	25°53	0°29	17°49	19° 1	13°52	16°10	
T 6	9 2 32	16°40'17	23° 0	1 ^h 13	16°49	24°26	7°50	7° 1	19° 8	25°55	0°31	17°43	18°58	13°59	16°12	
W 7	9 6 29	17°41'07	6 ^h 58	2°46	18° 3	25°12	7°57	7° 8	19° 8	25°57	0°33	17°36	18°55	14° 5	16°14	
T 8	9 10 25	18°41'56	21°24	4°19	19°17	25°58	8° 4	7°15	19° 9	25°59	0°35	17°27	18°52	14°12	16°16	
F 9	9 14 22	19°42'44	6 ^h 14	5°54	20°31	26°44	8°11	7°22	19°10	26° 1	0°36	17°18	18°49	14°19	16°19	
S 10	9 18 19	20°43'31	21°19	7°30	21°45	27°30	8°19	7°29	19°10	26° 3	0°38	17° 9	18°46	14°25	16°21	
S 11	9 22 15	21°44'16	6 ^h 31	9° 6	22°59	28°16	8°27	7°37	19°11	26° 5	0°40	17° 1	18°42	14°32	16°23	
M12	9 26 12	22°45'00	21°38	10°43	24°13	29° 2	8°35	7°44	19°12	26° 7	0°42	16°56	18°39	14°39	16°25	
T 13	9 30 8	23°45'42	6 ^h 31	12°21	25°28	29°48	8°42	7°51	19°13	26° 9	0°44	16°54	18°36	14°45	16°28	
W14	9 34 5	24°46'23	21° 5	13°59	26°42	0 ^h 34	8°51	7°58	19°14	26°11	0°46	16°D54	18°33	14°52	16°30	
T 15	9 38 1	25°47'02	5 ^h 15	15°39	27°56	1°21	8°59	8° 5	19°15	26°13	0°47	16°54	18°30	14°59	16°33	
F 16	9 41 58	26°47'40	19° 1	17°19	29°10	2° 7	9° 7	8°13	19°16	26°15	0°49	16°55	18°26	15° 5	16°35	
S 17	9 45 54	27°48'16	2 ^h 24	19° 0	0 ^h 24	2°53	9°16	8°20	19°17	26°17	0°51	16°R56	18°23	15°12	16°38	
S 18	9 49 51	28°48'50	15°27	20°42	1°39	3°39	9°25	8°27	19°18	26°19	0°53	16°54	18°20	15°19	16°40	
M19	9 53 48	29°49'22	28°12	22°25	2°53	4°25	9°33	8°34	19°19	26°21	0°55	16°50	18°17	15°25	16°43	
T 20	9 57 44	0 ^h 49'52	10 ^h 44	24° 9	4° 7	5°11	9°42	8°42	19°20	26°23	0°56	16°45	18°14	15°32	16°46	
W21	10 1 41	1°50'21	23° 3	25°54	5°21	5°58	9°51	8°49	19°21	26°25	0°58	16°37	18°11	15°39	16°48	
T 22	10 5 37	2°50'48	5 ^h 13	27°40	6°36	6°44	10° 1	8°56	19°23	26°27	1° 0	16°29	18° 7	15°45	16°51	
F 23	10 9 34	3°51'13	17°15	29°27	7°50	7°30	10°10	9° 4	19°24	26°29	1° 1	16°20	18° 4	15°52	16°54	
S 24	10 13 30	4°51'37	29°12	1 ^h 14	9° 4	8°17	10°20	9°11	19°25	26°31	1° 3	16°12	18° 1	15°59	16°57	
S 25	10 17 27	5°51'58	11 ^h 4	3° 3	10°18	9° 3	10°29	9°18	19°27	26°34	1° 5	16° 6	17°58	16° 5	16°59	
M26	10 21 23	6°52'18	22°53	4°52	11°33	9°49	10°39	9°25	19°28	26°36	1° 7	16° 1	17°55	16°12	17° 2	
T 27	10 25 20	7°52'37	4 ^h 41	6°43	12°47	10°36	10°49	9°33	19°30	26°38	1° 8	15°59	17°52	16°19	17° 5	
W28	10 29 17	8°52'53	16°31	8°34	14° 1	11°22	10°59	9°40	19°31	26°40	1°10	15°D58	17°48	16°25	17° 8	
T 29	10 33 13	9 ^h 53'09	28 ^h 26	10 ^h 26	15 ^h 15	12 ^h 9	11 ^h 9	9 ^h 47	19 ^h 33	26 ^h 42	1 ^h 11	15°Y59	17°Y45	16 ^h 32	17°Y11	

Day	☉		☽		♀		♁		♂		♃		♅		♁		♁		♁		♁		
	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
T 1	17s18	7s51	0s10	22s24	1s 3	22s23	0n38	22s41	0s50	12n58	1s 2	10s39	1s37	17n13	0s18	2s48	1s13	22s49	2s48	7n 0	7n32	9n18	7n30
F 2	17 1 13 13	1 13	22 14	1 9	22 19	0 35	22 35	0 51	13 0	1 2	10 36	1 37	17 13	0 18	2 48	1 13	22 49	2 49	7 0	7 31	9 15	7 30	
S 3	16 44 18 10	2 15	22 14	3 1	15 22	15 0	32 22 28	0 51	13 3	1 1	10 34	1 37	17 13	0 18	2 47	1 13	22 48	2 49	7 1	7 29	9 12	7 31	
S 4	16 26 22 29	3 11	21 51	1 20	22 11	0 29	22 21	0 52	13 5	1 1	10 31	1 37	17 13	0 18	2 46	1 13	22 48	2 49	7 0	7 28	9 8	7 32	
M 5	16 9 25 50	4 0	21 37	1 26	22 6	0 26	22 13	0 52	13 7	1 1	10 28	1 37	17 13	0 18	2 45	1 13	22 48	2 49	6 59	7 27	9 5	7 32	
T 6	15 50 27 52	4 37	21 22	1 31	22 0	0 23	22 6	0 53	13 10	1 1	10 26	1 37	17 13	0 18	2 45	1 13	22 47	2 49	6 57	7 26	9 2	7 33	
W 7	15 32 28 14	4 59	21 5	1 35	21 53	0 20	21 58	0 53	13 12	1 0	10 23	1 37	17 14	0 18	2 44	1 13	22 47	2 49	6 55	7 25	8 59	7 34	
T 8	15 13 26 44	5 4	20 48	1 40	21 46	0 17	21 50	0 54	13 15	1 0	10 21	1 37	17 14	0 17	2 43	1 13	22 47	2 49	6 51	7 23	8 55	7 34	
F 9	14 54 23 22	4 48	20 28	1 44	21 38	0 15	21 42	0 54	13 18	1 0	10 18	1 37	17 14	0 17	2 42	1 13	22 46	2 49	6 47	7 22	8 52	7 35	
S 10	14 35 18 23	4 13	20 8	1 48	21 29	0 12	21 33	0 55	13 20	1 0	10 15	1 37	17 14	0 17	2 41	1 13	22 46	2 49	6 44	7 21	8 49	7 36	
S 11	14 16 12 12	3 19	19 46	1 51	21 20	0 9	21 25	0 55	13 23	0 59	10 13	1 37	17 14	0 17	2 41	1 13	22 46	2 49	6 41	7 20	8 46	7 37	
M12	13 56 5 20	2 11	19 23	1 54	21 10	0 6	21 16	0 56	13 26	0 59	10 10	1 37	17 15	0 17	2 40	1 13	22 46	2 50	6 39	7 19	8 42	7 37	
T 13	13 36 1n44	0 55	18 58	1 57	21 0	0 3	21 6	0 56	13 28	0 59	10 7	1 37	17 15	0 17	2 39	1 13	22 45	2 50	6 38	7 17	8 39	7 38	
W14	13 16 8 34	0n23	18 32	2 0	20 49	0s 0	20 57	0 57	13 31	0 59	10 5	1 37	17 15	0 17	2 38	1 13	22 45	2 50	6 38	7 16	8 36	7 39	
T 15	12 55 14 48	1 37	18 5	2 2	20 37	0 3	20 47	0 57	13 34	0 58	10 2	1 37	17 15	0 17	2 37	1 13	22 45	2 50	6 39	7 15	8 32	7 40	
F 16	12 35 20 6	2 44	17 36	2 4	20 25	0 6	20 38	0 58	13 37	0 58	9 59	1 37	17 16	0 17	2 37	1 13	22 44	2 50	6 39	7 14	8 29	7 41	
S 17	12 14 24 14	3 40	17 6	2 5	20 12	0 9	20 27	0 58	13 40	0 58	9 57	1 37	17 16	0 17	2 36	1 13	22 44	2 50	6 39	7 13	8 26	7 42	
S 18	11 53 27 0	4 23	16 35	2 6	19 59	0 11	20 17	0 59	13 43	0 58	9 54	1 37	17 16	0 17	2 35	1 13	22 44	2 50	6 38	7 11	8 23	7 42	
M19	11 32 28 18	4 52	16 2	2 6	19 45	0 14	20 7	0 59	13 46	0 57	9 51	1 37	17 17	0 17	2 34	1 13	22 44	2 50	6 37	7 10	8 19	7 43	
T 20	11 11 28 6	5 6	15 28	2 7	19 30	0 17	19 56	1 0	13 49	0 57	9 48	1 37	17 17	0 17	2 33	1 13	22 43	2 51	6 35	7 9	8 16	7 44	
W21	10 49 26 30	5 6	14 52	2 6	19 15	0 20	19 45	1 0	13 52	0 57	9 46	1 37	17 17	0 17	2 33	1 13	22 43	2 51	6 32	7 8	8 13	7 45	
T 22	10 28 23 41	4 52	14 15	2 6	18 59	0 22	19 34	1 0	13 55	0 57	9 43	1 37	17 18	0 17	2 32	1 13	22 43	2 51	6 29	7 6	8 10	7 46	
F 23	10 6 19 52	4 25	13 36	2 4	18 43	0 25	19 22	1 1	13 58	0 56	9 40	1 37	17 18	0 17	2 31	1 13	22 43	2 51	6 25	7 5	8 6	7 47	
S 24	9 44 15 17	3 46	12 57	2 3	18 26	0 27	19 11	1 1	14 2	0 56	9 38	1 37	17 19	0 17	2 30	1 13	22 42	2 51	6 22	7 4	8 3	7 48	
S 25	9 22 10 10	2 58	12 16	2 1	18 8	0 30	18 59	1 2	14 5	0 56	9 35	1 37	17 19	0 17	2 29	1 13	22 42	2 51	6 20	7 3	8 0	7 49	
M26	8 59 4 42	2 2	11 33	1 58	17 50	0 33	18 47	1 2	14 8	0 56	9 32	1 37	17 19	0 17	2 28	1 13	22 42	2 51	6 18	7 2	7 56	7 50	
T 27	8 37 0s55	1 1	10 49	1 55	17 32	0 35	18 35	1 3	14 11	0 56	9 29	1 37	17 20	0 17	2 27	1 13	22 42	2 51	6 17	7 0	7 53	7 51	
W28	8 14 6 32	0s 3	10 4	1 51	17 13	0 37	18 23	1 3	14 15	0 55	9 27	1 37	17 20	0 17	2 26	1 13	22 41	2 52	6 17	6 59	7 50	7 52	
T 29	7s52	11s58	1s 8	9s18	1s47	16s54	0s40	18s10	1s 3	14n18	0s55	9s24	1s37	17n21	0s17	2s26	1s13	22s41	2s52	6n17	6n58	7n47	7n53

Julian Day Number = 2460341.5, Delta T = 77.54 sec
 Ecliptic obliquity = 23°26'19, Nutation = - 0°00'04
 Ayanamsha: Fagan/Bradley = 25°04'37, Lahiri = 24°11'37

SWISS EPHEMERIS for the year 2024

MARCH 2024

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁
F 1	10 37 10	10 ^h 53 ^m 23 ^s	10 ^h 29 ^m	12 ^h 19 ^m	16 ^h 30 ^m	12 ^h 55 ^m	11 ^h 19 ^m	9 ^h 55 ^m	19 ^h 35 ^m	26 ^h 44 ^m	1 ^h 13 ^m	16 ^h 0 ^m	17 ^h 42 ^m	16 ^h 39 ^m	17 ^h 14 ^m
S 2	10 41 6	11°53'35"	22°45'	14°13'	17°44'	13°42'	11°29'	10° 2'	19°36'	26°47'	1°15'	16° 2'	17°39'	16°45'	17°17'
S 3	10 45 3	12°53'46"	5 ^h 18 ^m	16° 8'	18°58'	14°28'	11°40'	10° 9'	19°38'	26°49'	1°16'	16° 3'	17°36'	16°52'	17°20'
M 4	10 48 59	13°53'55"	18°13'	18° 3'	20°12'	15°15'	11°50'	10°17'	19°40'	26°51'	1°18'	16°R 3'	17°32'	16°59'	17°23'
T 5	10 52 56	14°54'03"	1 ^h 33 ^m	19°59'	21°27'	16° 1'	12° 1'	10°24'	19°42'	26°53'	1°19'	16° 2'	17°29'	17° 5'	17°26'
W 6	10 56 52	15°54'09"	15°21'	21°55'	22°41'	16°48'	12°11'	10°31'	19°44'	26°56'	1°21'	16° 0'	17°26'	17°12'	17°29'
T 7	11 0 49	16°54'14"	29°37'	23°52'	23°55'	17°34'	12°22'	10°39'	19°46'	26°58'	1°22'	15°56'	17°23'	17°19'	17°32'
F 8	11 4 46	17°54'17"	14 ^h 18 ^m	25°48'	25°10'	18°21'	12°33'	10°46'	19°48'	27° 0'	1°24'	15°52'	17°20'	17°25'	17°36'
S 9	11 8 42	18°54'18"	29°20'	27°45'	26°24'	19° 7'	12°44'	10°53'	19°50'	27° 2'	1°25'	15°48'	17°17'	17°32'	17°39'
S 10	11 12 39	19°54'17"	14 ^h 33 ^m	29°41'	27°38'	19°54'	12°55'	11° 1'	19°52'	27° 5'	1°26'	15°45'	17°13'	17°39'	17°42'
M 11	11 16 35	20°54'15"	29°48'	1 ^h 36 ^m	28°52'	20°41'	13° 7'	11° 8'	19°54'	27° 7'	1°28'	15°43'	17°10'	17°45'	17°45'
T 12	11 20 32	21°54'10"	14 ^h 54 ^m	3°30'	0 ^h 7 ^m	21°27'	13°18'	11°15'	19°56'	27° 9'	1°29'	15°D42'	17° 7'	17°52'	17°48'
W 13	11 24 28	22°54'04"	29°43'	5°23'	1°21'	22°14'	13°29'	11°22'	19°58'	27°11'	1°31'	15°43'	17° 4'	17°59'	17°52'
T 14	11 28 25	23°53'55"	14 ^h 9 ^m	7°13'	2°35'	23° 0'	13°41'	11°30'	20° 1'	27°14'	1°32'	15°44'	17° 1'	18° 5'	17°55'
F 15	11 32 21	24°53'45"	28° 8'	9° 2'	3°49'	23°47'	13°52'	11°37'	20° 3'	27°16'	1°33'	15°45'	16°58'	18°12'	17°58'
S 16	11 36 18	25°53'32"	11 ^h 41 ^m	10°48'	5° 4'	24°34'	14° 4'	11°44'	20° 5'	27°18'	1°35'	15°46'	16°54'	18°19'	18° 2'
S 17	11 40 15	26°53'17"	24°49'	12°31'	6°18'	25°20'	14°16'	11°51'	20° 8'	27°20'	1°36'	15°R47'	16°51'	18°25'	18° 5'
M 18	11 44 11	27°52'59"	7 ^h 35 ^m	14°10'	7°32'	26° 7'	14°28'	11°58'	20°10'	27°23'	1°37'	15°47'	16°48'	18°32'	18° 8'
T 19	11 48 8	28°52'39"	20° 2'	15°45'	8°46'	26°54'	14°40'	12° 5'	20°12'	27°25'	1°38'	15°46'	16°45'	18°39'	18°12'
W 20	11 52 4	29°52'17"	2 ^h 15 ^m	17°15'	10° 1'	27°40'	14°52'	12°13'	20°15'	27°27'	1°39'	15°44'	16°42'	18°45'	18°15'
T 21	11 56 1	0 ^h 51 ^m 53 ^s	14°17'	18°40'	11°15'	28°27'	15° 4'	12°20'	20°17'	27°30'	1°41'	15°42'	16°38'	18°52'	18°19'
F 22	11 59 57	1°51'27"	26°12'	20° 0'	12°29'	29°14'	15°16'	12°27'	20°20'	27°32'	1°42'	15°39'	16°35'	18°59'	18°22'
S 23	12 3 54	2°50'58"	8 ^h 2 ^m	21°14'	13°43'	0 ^h 0 ^m	15°28'	12°34'	20°23'	27°34'	1°43'	15°37'	16°32'	19° 5'	18°25'
S 24	12 7 50	3°50'27"	19°51'	22°22'	14°58'	0°47'	15°40'	12°41'	20°25'	27°36'	1°44'	15°36'	16°29'	19°12'	18°29'
M 25	12 11 47	4°49'54"	1 ^h 40 ^m	23°23'	16°12'	1°34'	15°53'	12°48'	20°28'	27°39'	1°45'	15°35'	16°26'	19°19'	18°32'
T 26	12 15 44	5°49'19"	13°32'	24°17'	17°26'	2°20'	16° 5'	12°55'	20°30'	27°41'	1°46'	15°D34'	16°23'	19°25'	18°36'
W 27	12 19 40	6°48'42"	25°28'	25° 4'	18°40'	3° 7'	16°18'	13° 2'	20°33'	27°43'	1°47'	15°35'	16°19'	19°32'	18°39'
T 28	12 23 37	7°48'03"	7 ^h 32 ^m	25°44'	19°54'	3°54'	16°30'	13° 9'	20°36'	27°45'	1°48'	15°35'	16°16'	19°39'	18°43'
F 29	12 27 33	8°47'22"	19°45'	26°17'	21° 8'	4°41'	16°43'	13°16'	20°39'	27°48'	1°49'	15°36'	16°13'	19°45'	18°46'
S 30	12 31 30	9°46'39"	2 ^h 9 ^m	26°42'	22°23'	5°27'	16°56'	13°22'	20°41'	27°50'	1°50'	15°36'	16°10'	19°52'	18°50'
S 31	12 35 26	10 ^h 45 ^m 55 ^s	14 ^h 49 ^m	27 ^h 0 ^m	23 ^h 37 ^m	6 ^h 14 ^m	17 ^h 8 ^m	13 ^h 29 ^m	20 ^h 44 ^m	27 ^h 52 ^m	1 ^h 51 ^m	15 ^h 37 ^m	16 ^h 0 ^m	19 ^h 59 ^m	18 ^h 53 ^m

Day	☉		☽		♀		♁		♂		♃		♅		♁		♁		♁		♁		
	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
F 1	7s29	17s 1	2s10	8s31	1s42	16s34	0s42	17s57	1s 4	14n21	0s55	9s12	1s37	17n21	0s17	2s25	1s13	22s41	2s52	6n18	6n57	7n43	7n54
S 2	7 6 21	29 3	8 10	8 42	1 37	16 14	0 45	17 44	1 4	14 25	0 55	9 21	1 37	17 22	0 17	2 24	1 13	22 41	2 52	6 18	6 56	7 40	7 55
S 3	6 43 25	5 3 58	6 52	1 31	15 53	0 47	17 31	1 5	14 28	0 54	9 16	1 37	17 22	0 17	2 23	1 13	22 40	2 52	6 19	6 54	7 37	7 56	1 14
M 4	6 20 27	31 4 37	6 1	1 24	15 31	0 49	17 18	1 5	14 31	0 54	9 13	1 37	17 23	0 17	2 22	1 13	22 40	2 52	6 19	6 53	7 33	7 57	1 13
T 5	5 57 28	29 5 3	5 9	1 17	15 10	0 51	17 4	1 5	14 35	0 54	9 10	1 38	17 23	0 17	2 21	1 13	22 40	2 52	6 19	6 52	7 30	7 58	1 13
W 6	5 34 27	44 5 13	4 16	1 10	14 48	0 53	16 51	1 6	14 38	0 54	9 8	1 38	17 24	0 17	2 20	1 13	22 40	2 53	6 18	6 51	7 27	8 0	1 13
T 7	5 10 25	11 5 4	3 23	1 1	14 25	0 55	16 37	1 6	14 42	0 54	9 5	1 38	17 24	0 17	2 19	1 13	22 40	2 53	6 16	6 49	7 23	8 1	1 13
F 8	4 47 20	56 4 36	2 28	0 53	14 2	0 57	16 23	1 6	14 45	0 53	9 2	1 38	17 25	0 17	2 18	1 13	22 39	2 53	6 15	6 48	7 20	8 2	1 13
S 9	4 23 15	15 3 48	1 33	0 43	13 39	0 59	16 9	1 7	14 49	0 53	8 59	1 38	17 26	0 17	2 18	1 13	22 39	2 53	6 13	6 47	7 17	8 3	1 13
S 10	4 0 8	35 2 43	0 38	0 33	13 15	1 1	15 54	1 7	14 52	0 53	8 57	1 38	17 26	0 17	2 17	1 13	22 39	2 53	6 12	6 46	7 13	8 4	1 13
M 11	3 36 1	24 1 26	0n17	0 23	12 51	1 3	15 40	1 8	14 56	0 53	8 54	1 38	17 27	0 17	2 16	1 13	22 39	2 53	6 11	6 45	7 10	8 5	1 13
T 12	3 13 5	n48 0 4	1 13	0 12	12 27	1 5	15 25	1 8	15 0	0 53	8 51	1 38	17 27	0 17	2 15	1 13	22 39	2 53	6 11	6 43	7 7	8 6	1 13
W 13	2 49 12	34 1n16	2 8	0 12	12 2	1 7	15 11	1 8	15 3	0 52	8 49	1 38	17 28	0 17	2 14	1 13	22 39	2 54	6 11	6 42	7 4	8 8	1 13
T 14	2 25 18	29 2 30	3 3	0n12	11 37	1 8	14 56	1 9	15 7	0 52	8 46	1 38	17 29	0 17	2 13	1 13	22 38	2 54	6 11	6 41	7 0	8 9	1 12
F 15	2 2 23	12 3 33	3 57	0 24	11 12	1 10	14 41	1 9	15 10	0 52	8 43	1 38	17 29	0 17	2 12	1 13	22 38	2 54	6 12	6 40	6 57	8 10	1 12
S 16	1 38 26	30 4 22	4 50	0 36	10 46	1 12	14 25	1 9	15 14	0 52	8 41	1 38	17 30	0 17	2 11	1 13	22 38	2 54	6 12	6 39	6 54	8 11	1 12
S 17	1 14 28	15 4 55	5 42	0 49	10 20	1 13	14 10	1 9	15 18	0 52	8 38	1 38	17 30	0 17	2 10	1 13	22 38	2 54	6 13	6 37	6 50	8 12	1 12
M 18	0 51 28	25 5 13	6 32	1 2	9 54	1 15	13 54	1 10	15 21	0 52	8 35	1 39	17 31	0 17	2 10	1 13	22 38	2 54	6 13	6 36	6 47	8 13	1 12
T 19	0 27 27	8 5 15	7 20	1 14	9 27	1 16	13 39	1 10	15 25	0 51	8 33	1 39	17 32	0 17	2 9	1 13	22 38	2 54	6 12	6 35	6 44	8 15	1 12
W 20	0 3 24	34 5 3	8 7	1 27	9 0	1 17	13 23	1 10	15 29	0 51	8 30	1 39	17 32	0 17	2 8	1 13	22 38	2 55	6 11	6 34	6 40	8 16	1 12
T 21	0n21	20 58 4 38	8 51	1 40	8 33	1 18	13 7	1 11	15 32	0 51	8 27	1 39	17 33	0 17	2 7	1 13	22 37	2 55	6 11	6 32	6 37	8 17	1 12
F 22	0 44 16	33 4 1	9 33	1 52	8 6	1 20	12 51	1 11	15 36	0 51	8 25	1 39	17 34	0 17	2 6	1 13	22 37	2 55					

SWISS EPHEMERIS for the year 2024

APRIL 2024

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♃	♄	♅	♆	♇	♁	♂	♁	♃	♄
M 1	12 39 23	11°45'09"	27°46'	27°10'	24°51'	7°1'	17°21'	13°36'	20°47'	27°54'	1°52'	15°37'	16°3'	20°5'	18°57'
T 2	12 43 19	12°44'21"	11°33'	27°R13	26° 5'	7°47'	17°34'	13°43'	20°50'	27°57'	1°53'	15°R37	16° 0'	20°12'	19° 0'
W 3	12 47 16	13°43'31"	24°42'	27° 9'	27°19'	8°34'	17°47'	13°49'	20°53'	27°59'	1°54'	15°37'	15°57'	20°19'	19° 4'
T 4	12 51 13	14°42'40"	8°45'	26°58'	28°33'	9°21'	18° 0'	13°56'	20°56'	28° 1'	1°55'	15°37'	15°54'	20°25'	19° 7'
F 5	12 55 9	15°41'47"	23° 9'	26°41'	29°48'	10° 7'	18°13'	14° 3'	20°59'	28° 3'	1°55'	15°D37	15°51'	20°32'	19°11'
S 6	12 59 6	16°40'52"	7°53'	26°18'	1°Y 2	10°54'	18°26'	14° 9'	21° 2'	28° 5'	1°56'	15°37'	15°48'	20°39'	19°15'
S 7	13 3 2	17°39'55"	22°51'	25°49'	2°16'	11°41'	18°39'	14°16'	21° 5'	28° 8'	1°57'	15°37'	15°44'	20°45'	19°18'
M 8	13 6 59	18°38'56"	7°Y54	25°16'	3°30'	12°27'	18°53'	14°22'	21° 8'	28°10'	1°58'	15°R38	15°41'	20°52'	19°22'
T 9	13 10 55	19°37'55"	22°56'	24°39'	4°44'	13°14'	19° 6'	14°29'	21°11'	28°12'	1°58'	15°38'	15°38'	20°59'	19°25'
W10	13 14 52	20°36'53"	7°B46	23°58'	5°58'	14° 1'	19°19'	14°35'	21°14'	28°14'	1°59'	15°37'	15°35'	21° 5'	19°29'
T 11	13 18 48	21°35'48"	22°18'	23°15'	7°12'	14°47'	19°33'	14°42'	21°17'	28°16'	2° 0'	15°37'	15°32'	21°12'	19°32'
F 12	13 22 45	22°34'41"	6°II27	22°31'	8°26'	15°34'	19°46'	14°48'	21°20'	28°18'	2° 0'	15°36'	15°29'	21°19'	19°36'
S 13	13 26 42	23°33'32"	20° 9'	21°45'	9°41'	16°21'	19°59'	14°54'	21°24'	28°20'	2° 1'	15°35'	15°25'	21°25'	19°39'
S 14	13 30 38	24°32'21"	3°E25	21° 0'	10°55'	17° 7'	20°13'	15° 1'	21°27'	28°23'	2° 1'	15°34'	15°22'	21°32'	19°43'
M15	13 34 35	25°31'07"	16°16'	20°16'	12° 9'	17°54'	20°26'	15° 7'	21°30'	28°25'	2° 2'	15°34'	15°19'	21°38'	19°46'
T 16	13 38 31	26°29'51"	28°46'	19°34'	13°23'	18°40'	20°40'	15°13'	21°33'	28°27'	2° 2'	15°D34	15°16'	21°45'	19°50'
W17	13 42 28	27°28'33"	10°E59	18°54'	14°37'	19°27'	20°54'	15°19'	21°36'	28°29'	2° 3'	15°34'	15°13'	21°52'	19°53'
T 18	13 46 24	28°27'13"	22°59'	18°17'	15°51'	20°13'	21° 7'	15°25'	21°40'	28°31'	2° 3'	15°35'	15° 9'	21°58'	19°57'
F 19	13 50 21	29°25'50"	4°II51	17°44'	17° 5'	21° 0'	21°21'	15°31'	21°43'	28°33'	2° 4'	15°36'	15° 6'	22° 5'	20° 1'
S 20	13 54 17	0°B24'25"	16°39'	17°15'	18°19'	21°46'	21°35'	15°37'	21°46'	28°35'	2° 4'	15°37'	15° 3'	22°12'	20° 4'
S 21	13 58 14	1°22'58"	28°27'	16°50'	19°33'	22°33'	21°48'	15°43'	21°49'	28°37'	2° 4'	15°39'	15° 0'	22°18'	20° 8'
M22	14 2 10	2°21'30"	10°A19	16°30'	20°47'	23°19'	22° 2'	15°49'	21°53'	28°39'	2° 5'	15°R39	14°57'	22°25'	20°11'
T 23	14 6 7	3°19'59"	22°17'	16°15'	22° 1'	24° 6'	22°16'	15°54'	21°56'	28°41'	2° 5'	15°39'	14°54'	22°32'	20°14'
W24	14 10 4	4°18'26"	4°II24	16° 5'	23°15'	24°52'	22°30'	16° 0'	21°59'	28°43'	2° 5'	15°38'	14°50'	22°38'	20°18'
T 25	14 14 0	5°16'51"	16°41'	16° 0'	24°29'	25°38'	22°44'	16° 6'	22° 3'	28°45'	2° 5'	15°36'	14°47'	22°45'	20°21'
F 26	14 17 57	6°15'15"	29° 9'	15°D59	25°43'	26°25'	22°58'	16°11'	22° 6'	28°47'	2° 6'	15°34'	14°44'	22°52'	20°25'
S 27	14 21 53	7°13'37"	11°A51	16° 4'	26°57'	27°11'	23°11'	16°17'	22°10'	28°48'	2° 6'	15°30'	14°41'	22°58'	20°28'
S 28	14 25 50	8°11'57"	24°45'	16°14'	28°11'	27°57'	23°25'	16°22'	22°13'	28°50'	2° 6'	15°27'	14°38'	23° 5'	20°32'
M29	14 29 46	9°10'16"	7°B55	16°28'	29°25'	28°44'	23°39'	16°28'	22°16'	28°52'	2° 6'	15°24'	14°35'	23°12'	20°35'
T 30	14 33 43	10° 8'33"	21°B19	16°Y47	0°B38	29°X30	23°B53	16°X33	22°B20	28°X54	2° 6'	15°Y22	14°Y31	23°II18	20°Y39

Day	☉	☽	♀	♂	♃	♄	♅	♆	♇	♁	♂	♁	♃	♄										
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat									
M 1	4n39	28s28	5s 2	13n29	3n15	3s24	1s28	10s 4	1s13	16n13	0s49	7s59	1s40	17n41	0s16	1s57	1s13	22s37	2s57	6n 9	6n19	6n 0	8n31	1n11
T 2	5 2	28 14	5 17	13 32	3 17	2 55	1 28	9 47	1 14	16 17	0 49	7 57	1 40	17 42	0 16	1 56	1 13	22 37	2 57	6 9	6 18	5 57	8 32	1 11
W 3	5 25	26 20	5 14	13 32	3 17	2 25	1 29	9 30	1 14	16 21	0 49	7 54	1 40	17 43	0 16	1 55	1 13	22 37	2 57	6 9	6 17	5 53	8 33	1 11
T 4	5 48	22 46	4 52	13 27	3 16	1 56	1 29	9 12	1 14	16 25	0 49	7 52	1 40	17 44	0 16	1 54	1 13	22 37	2 57	6 9	6 15	5 50	8 35	1 11
F 5	6 11	17 46	4 12	13 18	3 14	1 27	1 29	8 55	1 14	16 29	0 49	7 49	1 41	17 44	0 16	1 54	1 13	22 37	2 57	6 9	6 14	5 47	8 36	1 11
S 6	6 33	11 37	3 15	13 6	3 10	0 58	1 30	8 37	1 14	16 32	0 48	7 47	1 41	17 45	0 16	1 53	1 13	22 37	2 57	6 9	6 13	5 43	8 37	1 11
S 7	6 56	4 44	2 3	12 50	3 4	0 28	1 30	8 20	1 14	16 36	0 48	7 45	1 41	17 46	0 16	1 52	1 13	22 37	2 58	6 9	6 12	5 40	8 39	1 11
M 8	7 18	2n29	0 43	12 31	2 57	0n 1	1 30	8 2	1 15	16 40	0 48	7 42	1 41	17 47	0 16	1 51	1 13	22 37	2 58	6 9	6 10	5 37	8 40	1 10
T 9	7 41	9 32	0n40	12 9	2 48	0 31	1 30	7 44	1 15	16 44	0 48	7 40	1 41	17 48	0 16	1 50	1 13	22 37	2 58	6 9	6 9	5 33	8 41	1 10
W10	8 3	15 59	2 0	11 44	2 37	1 0	1 30	7 26	1 15	16 47	0 48	7 37	1 41	17 48	0 16	1 49	1 13	22 37	2 58	6 9	6 8	5 30	8 42	1 10
T 11	8 25	21 24	3 10	11 17	2 26	1 29	1 30	7 9	1 15	16 51	0 48	7 35	1 41	17 49	0 16	1 49	1 13	22 37	2 58	6 9	6 7	5 27	8 44	1 10
F 12	8 47	25 26	4 6	10 49	2 13	1 59	1 29	6 51	1 15	16 55	0 48	7 33	1 42	17 50	0 16	1 48	1 13	22 37	2 58	6 8	6 6	5 23	8 45	1 10
S 13	9 9	27 50	4 47	10 19	1 59	2 28	1 29	6 33	1 15	16 58	0 48	7 31	1 42	17 51	0 16	1 47	1 13	22 37	2 59	6 8	6 4	5 20	8 46	1 10
S 14	9 31	28 34	5 10	9 48	1 44	2 57	1 29	6 15	1 15	17 2	0 47	7 28	1 42	17 52	0 16	1 46	1 13	22 37	2 59	6 8	6 3	5 16	8 48	1 10
M15	9 52	27 42	5 17	9 17	1 28	3 27	1 28	5 57	1 15	17 6	0 47	7 26	1 42	17 53	0 16	1 45	1 13	22 37	2 59	6 8	6 2	5 13	8 49	1 10
T 16	10 13	25 26	5 9	8 46	1 12	3 56	1 28	5 38	1 16	17 10	0 47	7 24	1 42	17 53	0 16	1 45	1 13	22 37	2 59	6 8	6 1	5 10	8 50	1 10
W17	10 34	22 4	4 47	8 15	0 55	4 25	1 27	5 20	1 16	17 13	0 47	7 22	1 42	17 54	0 16	1 44	1 14	22 37	2 59	6 8	5 59	5 6	8 51	1 10
T 18	10 55	17 49	4 12	7 46	0 38	4 54	1 27	5 2	1 16	17 17	0 47	7 19	1 42	17 55	0 16	1 43	1 14	22 37	2 59	6 8	5 58	5 3	8 53	1 10
F 19	11 16	12 57	3 27	7 18	0 22	5 23	1 26	4 44	1 16	17 21	0 47	7 17	1 43	17 56	0 16	1 42	1 14	22 37	3 0	6 8	5 57	5 0	8 54	1 10
S 20	11 37	7 38	2 34	6 51	0 5	5 52	1 25	4 25	1 16	17 24	0 47	7 15	1 43	17 57	0 16	1 41	1 14	22 37	3 0	6 9	5 56	4 56	8 55	1 10
S 21	11 57	2 3	1 34	6 26	0s11	6 21	1 25	4 7	1 16	17 28	0 47	7 13	1 43	17 58	0 16	1 41	1 14	22 37	3 0	6 9	5 55	4 53	8 56	1 10
M22	12 18	3s38	0 30	6 4	0 27	6 49	1 24	3 49	1 16	17 32	0 46	7 11	1 43	17 59	0 16	1 40	1 14	22 37	3 0	6 10	5 53	4 49	8 58	1 10
T 23	12 38	9 14	0s37	5 44	0 43	7 18	1 23	3 30	1 16	17 35	0 46	7 9	1 43	18 0	0 16	1 39	1 14	22 37	3 0	6 10	5 52	4 46	8 59	1 10
W24	12 57	14 35	1 42	5 26	0 58	7 46	1 22	3 12	1 16	17 39	0 46	7 7	1 43	18 0	0 16	1 38	1 14	22 37	3 0	6 9	5 51	4 43	9 0	1 9
T 25	13 17	19 25	2 43	5 11	1 12	8 14	1 21	2 54	1 16	17 43	0 46	7 5	1 44	18 1	0 16	1 38	1 14	22 38	3 1	6 9	5 50	4 39	9 2	1 9
F 26	13 36	23 30	3 37	4 59	1 25	8 42	1 20	2 35	1 16	17 46	0 46	7 3	1 44	18 2	0 16	1 37	1 14	22 38	3 1	6 8	5 48	4 36	9 3	1 9
S 27	13 55	26 32	4 22	4 49	1 38	9 10	1 19	2 17	1 16	17 50	0 46	7 1	1 44	18 3	0 16	1 36	1 14	22 38	3 1	6 6	5 47	4 32	9 4	1 9
S 28	14 14	28 14	4 54	4 42	1 50	9 37	1 17	1 58	1 16	17 53	0 46	6 59	1 44	18 4	0 16	1 35	1 14	22 38	3 1	6 5	5 46	4 29	9 5	1 9
M29	14 33	28 23	5 12	4 37	2 1	10 4	1 16	1 40	1 16	17 57	0 46	6 57	1 44	18 5	0 16	1 35	1 14	22 38	3 1	6 4	5 45	4 26	9 7	1 9
T 30	14n52	26s54	5s13	4n35	2s11	10n32	1s15	1s22	1s															

SWISS EPHEMERIS for the year 2024

MAY 2024

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁
W 1	14 37 40	11♈ 6'48	4♋58	17♏11	1♄52	0♃16	24♉ 7	16♁38	22♉23	28♁56	2♋ 6	15°D21	14°Y28	23♎25	20°Y42
T 2	14 41 36	12° 5'03	18°53	17°39	3° 6	1° 3	24°21	16°43	22°27	28°58	2° 6	15°Y21	14°25	23°32	20°45
F 3	14 45 33	13° 3'15	3♉ 3	18°11	4°20	1°49	24°35	16°49	22°30	28°59	2°R 6	15°22	14°22	23°38	20°49
S 4	14 49 29	14° 1'26	17°27	18°47	5°34	2°35	24°49	16°54	22°34	29° 1	2° 6	15°23	14°19	23°45	20°52
S 5	14 53 26	14°59'36	2♏ 2	19°26	6°48	3°21	25° 4	16°59	22°37	29° 3	2° 6	15°24	14°15	23°52	20°55
M 6	14 57 22	15°57'44	16°43	20°10	8° 2	4° 7	25°18	17° 4	22°41	29° 4	2° 6	15°R25	14°12	23°58	20°59
T 7	15 1 19	16°55'51	1♉24	20°57	9°16	4°53	25°32	17° 8	22°44	29° 6	2° 6	15°24	14° 9	24° 5	21° 2
W 8	15 5 15	17°53'56	16° 0	21°48	10°30	5°39	25°46	17°13	22°47	29° 8	2° 6	15°22	14° 6	24°12	21° 5
T 9	15 9 12	18°52'00	0♐24	22°42	11°44	6°25	26° 0	17°18	22°51	29° 9	2° 6	15°18	14° 3	24°18	21° 8
F 10	15 13 9	19°50'02	14°29	23°39	12°57	7°11	26°14	17°23	22°54	29°11	2° 5	15°13	14° 0	24°25	21°12
S 11	15 17 5	20°48'02	28°12	24°39	14°11	7°57	26°28	17°27	22°58	29°13	2° 5	15° 7	13°56	24°32	21°15
S 12	15 21 2	21°46'01	11♑30	25°42	15°25	8°43	26°42	17°32	23° 1	29°14	2° 5	15° 2	13°53	24°38	21°18
M13	15 24 58	22°43'58	24°25	26°48	16°39	9°29	26°57	17°36	23° 5	29°16	2° 5	14°57	13°50	24°45	21°21
T 14	15 28 55	23°41'53	6♊58	27°56	17°53	10°15	27°11	17°41	23° 8	29°17	2° 4	14°54	13°47	24°51	21°24
W15	15 32 51	24°39'46	19°12	29° 8	19° 7	11° 1	27°25	17°45	23°12	29°19	2° 4	14°D53	13°44	24°58	21°27
T 16	15 36 48	25°37'37	1♎13	0♉22	20°20	11°46	27°39	17°49	23°15	29°20	2° 4	14°53	13°41	25° 5	21°30
F 17	15 40 44	26°35'27	13° 5	1°38	21°34	12°32	27°53	17°53	23°19	29°22	2° 3	14°54	13°37	25°11	21°33
S 18	15 44 41	27°33'15	24°54	2°57	22°48	13°18	28° 7	17°57	23°22	29°23	2° 3	14°55	13°34	25°18	21°36
S 19	15 48 38	28°31'01	6♌43	4°19	24° 2	14° 3	28°21	18° 1	23°26	29°24	2° 3	14°56	13°31	25°25	21°39
M20	15 52 34	29°28'45	18°39	5°43	25°16	14°49	28°36	18° 5	23°29	29°26	2° 2	14°R57	13°28	25°31	21°42
T 21	15 56 31	0♐26'29	0♎44	7° 9	26°29	15°35	28°50	18° 9	23°33	29°27	2° 2	14°55	13°25	25°38	21°45
W22	16 0 27	1°24'10	13° 1	8°38	27°43	16°20	29° 4	18°12	23°36	29°28	2° 1	14°52	13°21	25°45	21°48
T 23	16 4 24	2°21'51	25°33	10° 9	28°57	17° 6	29°18	18°16	23°40	29°30	2° 1	14°47	13°18	25°51	21°51
F 24	16 8 20	3°19'30	8♌21	11°42	0♐11	17°51	29°32	18°20	23°43	29°31	2° 0	14°39	13°15	25°58	21°54
S 25	16 12 17	4°17'08	21°23	13°18	1°25	18°36	29°46	18°23	23°47	29°32	1°59	14°31	13°12	26° 5	21°57
S 26	16 16 13	5°14'45	4♌41	14°56	2°38	19°22	0♐ 0	18°26	23°50	29°33	1°59	14°23	13° 9	26°11	22° 0
M27	16 20 10	6°12'20	18°11	16°36	3°52	20° 7	0°15	18°30	23°53	29°35	1°58	14°15	13° 6	26°18	22° 2
T 28	16 24 7	7° 9'55	1♌52	18°19	5° 6	20°52	0°29	18°33	23°57	29°36	1°58	14° 9	13° 2	26°25	22° 5
W29	16 28 3	8° 7'29	15°43	20° 4	6°20	21°37	0°43	18°36	24° 0	29°37	1°57	14° 4	12°59	26°31	22° 8
T 30	16 32 0	9° 5'01	29°41	21°51	7°33	22°23	0°57	18°39	24° 4	29°38	1°56	14° 2	12°56	26°38	22°11
F 31	16 35 56	10♐ 2'33	13♁46	23♉41	8♐47	23♏ 8	1♐11	18♁42	24♉ 7	29♁39	1♌55	14°D 2	12°Y53	26♎45	22°Y13

Day	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁	♁
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
W 1	15n10	23s49	4s56	4n35	2s21	10n58	1s14	1s 3	1s16	18n 4	0s45	6s53	1s45	18n 7	0s16
T 2	15 28 19	19 19	4 22	4 38	2 29	11 25	1 12	0 45	1 16	18 8	0 45	6 51	1 45	18 7	0 16
F 3	15 45 13	40 3 32	4 42	2 37	11 51	1 11	0 26	1 16	18 11	0 45	6 49	1 45	18 8	0 16	1 32
S 4	16 3 7	13 2 27	4 50	2 44	12 17	1 9	0 8	1 16	18 15	0 45	6 47	1 45	18 9	0 16	1 31
S 5	16 20 0	18 1 13	4 59	2 50	12 43	1 8	0n11	1 16	18 18	0 45	6 46	1 46	18 10	0 16	1 31
M 6	16 37 6	n41 0n 7	5 10	2 55	13 9	1 6	0 29	1 16	18 22	0 45	6 44	1 46	18 11	0 16	1 30
T 7	16 54 13	19 1 26	5 24	3 0	13 34	1 4	0 47	1 15	18 25	0 45	6 42	1 46	18 12	0 16	1 29
W 8	17 10 19	10 2 40	5 39	3 4	13 59	1 3	1 6	1 15	18 28	0 45	6 41	1 46	18 13	0 16	1 29
T 9	17 16 23	20 3 41	5 56	3 7	14 23	1 1	1 24	1 15	18 32	0 45	6 39	1 46	18 14	0 16	1 28
F 10	17 42 26	58 4 28	6 15	3 9	14 47	0 59	1 42	1 15	18 35	0 45	6 37	1 47	18 15	0 16	1 28
S 11	17 57 28	23 4 58	6 35	3 11	15 11	0 57	2 0	1 15	18 39	0 45	6 36	1 47	18 15	0 16	1 27
S 12	18 12 28	6 5 11	6 57	3 12	15 34	0 56	2 19	1 15	18 42	0 44	6 34	1 47	18 16	0 16	1 26
M13	18 27 26	16 5 7	7 21	3 12	15 57	0 54	2 37	1 15	18 45	0 44	6 33	1 47	18 17	0 16	1 26
T 14	18 42 23	11 4 49	7 46	3 11	16 20	0 52	2 55	1 15	18 49	0 44	6 31	1 47	18 18	0 16	1 25
W15	18 56 19	8 4 17	8 12	3 10	16 42	0 50	3 13	1 14	18 52	0 44	6 30	1 48	18 19	0 16	1 25
T 16	19 10 14	23 3 35	8 39	3 8	17 4	0 48	3 31	1 14	18 55	0 44	6 28	1 48	18 20	0 16	1 24
F 17	19 24 9	10 2 44	9 8	3 6	17 25	0 46	3 49	1 14	18 58	0 44	6 27	1 48	18 21	0 16	1 24
S 18	19 37 3	40 1 47	9 38	3 3	17 46	0 44	4 7	1 14	19 2	0 44	6 25	1 48	18 22	0 16	1 23
S 19	19 50 1s	59 0 45	10 8	2 59	18 6	0 42	4 25	1 14	19 5	0 44	6 24	1 48	18 23	0 16	1 23
M20	20 2 7	37 0s20	10 40	2 55	18 26	0 39	4 42	1 14	19 8	0 44	6 23	1 49	18 23	0 16	1 22
T 21	20 15 13	3 1 24	11 13	2 50	18 46	0 37	5 0	1 13	19 11	0 44	6 21	1 49	18 24	0 16	1 22
W22	20 26 18	4 2 26	11 46	2 45	19 5	0 35	5 18	1 13	19 14	0 44	6 20	1 49	18 25	0 16	1 21
T 23	20 38 22	24 3 21	12 20	2 39	19 23	0 33	5 36	1 13	19 17	0 44	6 19	1 49	18 26	0 16	1 21
F 24	20 49 25	46 4 8	12 55	2 33	19 41	0 31	5 53	1 13	19 21	0 43	6 18	1 50	18 27	0 16	1 20
S 25	21 0 27	51 4 42	13 31	2 26	19 59	0 28	6 11	1 12	19 24	0 43	6 17	1 50	18 28	0 16	1 20
S 26	21 10 28	23 5 2	14 6	2 19	20 16	0 26	6 28	1 12	19 27	0 43	6 16	1 50	18 29	0 16	1 19
M27	21 21 27	15 5 6	14 43	2 11	20 32	0 24	6 45	1 12	19 30	0 43	6 14	1 50	18 29	0 16	1 19
T 28	21 30 24	29 4 52	15 19	2 2	20 48	0 22	7 2	1 12	19 33	0 43	6 13	1 51	18 30	0 16	1 19
W29	21 40 20	17 4 21	15 56	1 54	21 3	0 19	7 20	1 11	19 36	0 43	6 12	1 51	18 31	0 16	1 18
T 30	21 49 14	56 3 35	16 33	1 45	21 18	0 17	7 37	1 11	19 39	0 43	6 11	1 51	18 32	0 16	1 18
F 31	21n57	8s46	2s35	17n 9	1s35	21n32	0s15	7n54	1s11	19n42	0s43	6s11	1s51	18n33	0s16

Julian Day Number = 2460431.5, Delta T = 77.94 sec
 Ecliptic obliquity = 23°26'19, Nutation = - 0°00'05
 Ayanamsha: Fagan/Bradley = 25°04'49, Lahiri = 24°11'49

SWISS EPHEMERIS for the year 2024

JUNE 2024

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁
S 1	16 39 53	11II 0'05	27K57	25B32	10II 1	23V53	1II25	18K45	24B10	29K40	1°R55	14V 2	12V50	26M51	22V16
S 2	16 43 49	11°57'35	12V12	27°26	11°15	24°38	1°39	18°48	24°14	29°41	1°54	14°R 3	12°47	26°58	22°18
M 3	16 47 46	12°55'05	26°29	29°23	12°28	25°23	1°53	18°50	24°17	29°42	1°53	14° 2	12°43	27° 5	22°21
T 4	16 51 42	13°52'34	10B45	1II21	13°42	26° 8	2° 7	18°53	24°20	29°43	1°52	14° 0	12°40	27°11	22°23
W 5	16 55 39	14°50'02	24°57	3°22	14°56	26°53	2°21	18°55	24°24	29°44	1°51	13°55	12°37	27°18	22°26
T 6	16 59 36	15°47'30	9II 0	5°24	16°10	27°37	2°35	18°58	24°27	29°45	1°51	13°47	12°34	27°24	22°28
F 7	17 3 32	16°44'56	22°49	7°28	17°23	28°22	2°49	19° 0	24°30	29°45	1°50	13°38	12°31	27°31	22°31
S 8	17 7 29	17°42'22	6B21	9°34	18°37	29° 7	3° 3	19° 2	24°34	29°46	1°49	13°27	12°27	27°38	22°33
S 9	17 11 25	18°39'47	19°33	11°42	19°51	29°51	3°17	19° 4	24°37	29°47	1°48	13°17	12°24	27°44	22°35
M10	17 15 22	19°37'11	2II24	13°51	21° 4	0B36	3°30	19° 6	24°40	29°48	1°47	13° 7	12°21	27°51	22°37
T 11	17 19 18	20°34'33	14°55	16° 1	22°18	1°21	3°44	19° 8	24°43	29°48	1°46	13° 0	12°18	27°58	22°40
W12	17 23 15	21°31'55	27° 9	18°12	23°32	2° 5	3°58	19°10	24°47	29°49	1°45	12°55	12°15	28° 4	22°42
T 13	17 27 11	22°29'16	9M10	20°23	24°46	2°49	4°12	19°12	24°50	29°50	1°44	12°52	12°12	28°11	22°44
F 14	17 31 8	23°26'36	21° 3	22°35	25°59	3°34	4°25	19°13	24°53	29°50	1°43	12°D52	12° 8	28°18	22°46
S 15	17 35 5	24°23'55	2II51	24°47	27°13	4°18	4°39	19°15	24°56	29°51	1°42	12°52	12° 5	28°24	22°48
S 16	17 39 1	25°21'12	14°42	26°59	28°27	5° 2	4°53	19°16	24°59	29°52	1°41	12°R52	12° 2	28°31	22°50
M17	17 42 58	26°18'30	26°40	29°10	29°41	5°46	5° 6	19°18	25° 2	29°52	1°40	12°51	11°59	28°38	22°52
T 18	17 46 54	27°15'46	8M50	1B21	0B54	6°30	5°20	19°19	25° 5	29°53	1°39	12°48	11°56	28°44	22°54
W19	17 50 51	28°13'02	21°16	3°31	2° 8	7°14	5°34	19°20	25° 8	29°53	1°37	12°43	11°53	28°51	22°56
T 20	17 54 47	29°10'17	4K 0	5°39	3°22	7°58	5°47	19°21	25°12	29°53	1°36	12°36	11°49	28°58	22°58
F 21	17 58 44	0B 7'31	17° 5	7°46	4°35	8°42	6° 1	19°22	25°15	29°54	1°35	12°26	11°46	29° 4	23° 0
S 22	18 2 40	1° 4'45	0B29	9°52	5°49	9°26	6°14	19°23	25°18	29°54	1°34	12°15	11°43	29°11	23° 1
S 23	18 6 37	2° 1'59	14°11	11°56	7° 3	10°10	6°27	19°23	25°20	29°54	1°33	12° 3	11°40	29°18	23° 3
M24	18 10 34	2°59'12	28° 6	13°58	8°17	10°54	6°41	19°24	25°23	29°55	1°32	11°52	11°37	29°24	23° 5
T 25	18 14 30	3°56'25	12B12	15°59	9°30	11°37	6°54	19°25	25°26	29°55	1°30	11°43	11°33	29°31	23° 6
W26	18 18 27	4°53'38	26°23	17°57	10°44	12°21	7° 7	19°25	25°29	29°55	1°29	11°36	11°30	29°37	23° 8
T 27	18 22 23	5°50'50	10K35	19°53	11°58	13° 4	7°21	19°25	25°32	29°55	1°28	11°32	11°27	29°44	23° 9
F 28	18 26 20	6°48'03	24°46	21°48	13°11	13°48	7°34	19°26	25°35	29°56	1°27	11°31	11°24	29°51	23°11
S 29	18 30 16	7°45'16	8V55	23°40	14°25	14°31	7°47	19°26	25°38	29°56	1°25	11°31	11°21	29°57	23°12
S 30	18 34 13	8B42'29	22V59	25B30	15B39	15B14	8II 0	19°R26	25B40	29K56	1B24	11V30	11V18	0B 4	23V14

Day	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁	♁									
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat									
S 1	22n 6	2s 7	1s25	17n46	1s25	21n45	0s12	8n11	1s10	19n45	0s43	6s10	1s51	18n34	0s16	1s17	1s15	22s46	3s 7	5n32	5n 4	2n33	9n43	1n 8
S 2	22 13	4n40	0 10	18 22	1 15	21 58	0 10	8 27	1 10	19 47	0 43	6 9	1 52	18 34	0 16	1 17	1 15	22 46	3 7	5 32	5 3	2 30	9 44	1 8
M 3	22 21	11 14	1n 6	18 58	1 5	22 10	0 7	8 44	1 10	19 50	0 43	6 8	1 52	18 35	0 16	1 16	1 15	22 47	3 7	5 32	5 2	2 26	9 45	1 8
T 4	22 28	17 14	2 18	19 33	0 54	22 22	0 5	9 1	1 9	19 53	0 43	6 7	1 52	18 36	0 16	1 16	1 15	22 47	3 7	5 31	5 0	2 23	9 46	1 8
W 5	22 35	22 14	3 20	20 7	0 43	22 33	0 3	9 17	1 9	19 56	0 43	6 6	1 52	18 37	0 16	1 16	1 15	22 47	3 8	5 29	4 59	2 20	9 47	1 8
T 6	22 41	25 55	4 10	20 40	0 33	22 43	0 0	9 34	1 9	19 59	0 43	6 6	1 53	18 38	0 16	1 15	1 15	22 48	3 8	5 26	4 58	2 16	9 48	1 8
F 7	22 47	27 58	4 44	21 12	0 22	22 52	0n 2	9 50	1 8	20 1	0 43	6 5	1 53	18 39	0 16	1 15	1 16	22 48	3 8	5 23	4 57	2 13	9 49	1 8
S 8	22 52	28 18	5 1	21 42	0 11	23 1	0 4	10 6	1 8	20 4	0 43	6 4	1 53	18 39	0 16	1 15	1 16	22 49	3 8	5 19	4 55	2 9	9 49	1 8
S 9	22 57	26 59	5 2	22 11	0n 0	23 10	0 7	10 22	1 8	20 7	0 43	6 4	1 53	18 40	0 16	1 15	1 16	22 49	3 8	5 14	4 54	2 6	9 50	1 8
M10	23 2	24 16	4 47	22 38	0 11	23 17	0 9	10 38	1 7	20 10	0 43	6 3	1 54	18 41	0 16	1 14	1 16	22 49	3 8	5 11	4 53	2 2	9 51	1 8
T 11	23 6	20 28	4 18	23 3	0 21	23 24	0 12	10 54	1 7	20 12	0 42	6 3	1 54	18 42	0 16	1 14	1 16	22 50	3 8	5 8	4 52	1 59	9 52	1 8
W12	23 10	15 52	3 38	23 26	0 31	23 31	0 14	11 10	1 6	20 15	0 42	6 2	1 54	18 43	0 16	1 14	1 16	22 50	3 9	5 6	4 50	1 56	9 53	1 8
T 13	23 14	10 45	2 49	23 47	0 41	23 36	0 16	11 25	1 6	20 17	0 42	6 2	1 54	18 43	0 16	1 14	1 16	22 50	3 9	5 5	4 49	1 52	9 54	1 8
F 14	23 17	5 17	1 53	24 4	0 51	23 41	0 19	11 41	1 6	20 20	0 42	6 1	1 55	18 44	0 16	1 13	1 16	22 51	3 9	5 5	4 48	1 49	9 54	1 8
S 15	23 19	0s19	0 53	24 20	1 0	23 45	0 21	11 56	1 5	20 22	0 42	6 1	1 55	18 45	0 16	1 13	1 16	22 51	3 9	5 5	4 47	1 45	9 55	1 8
S 16	23 21	5 57	0s10	24 32	1 8	23 49	0 23	12 11	1 5	20 25	0 42	6 1	1 55	18 46	0 16	1 13	1 16	22 51	3 9	5 5	4 45	1 42	9 56	1 8
M17	23 23	11 25	1 13	24 42	1 16	23 52	0 26	12 26	1 4	20 27	0 42	6 0	1 55	18 46	0 16	1 13	1 16	22 52	3 9	5 5	4 44	1 38	9 57	1 8
T 18	23 25	16 33	2 13	24 49	1 23	23 54	0 28	12 41	1 4	20 30	0 42	6 0	1 56	18 47	0 16	1 13	1 16	22 52	3 9	5 4	4 43	1 35	9 57	1 8
W19	23 26	21 6	3 9	24 53	1 30	23 55	0 30	12 56	1 3	20 32	0 42	6 0	1 56	18 48	0 16	1 13	1 16	22 53	3 10	5 2	4 42	1 31	9 58	1 8
T 20	23 26	24 49	3 56	24 54	1 35	23 56	0 32	13 11	1 3	20 35	0 42	6 0	1 56	18 49	0 16	1 13	1 16	22 53	3 10	4 59	4 40	1 28	9 59	1 8
F 21	23 26	27 20	4 32	24 53	1 40	23 56	0 35	13 25	1 2	20 37	0 42	6 0	1 56	18 49	0 16	1 12	1 16	22 53	3 10	4 55	4 39	1 25	9 59	1 8
S 22	23 26	28 21	4 55	24 49	1 45	23 55	0 37	13 39	1 2	20 39	0 42	6 0	1 57	18 50	0 16	1 12	1 16	22 54	3 10	4 50	4 38	1 21	10 0	1 8
S 23	23 25	27 40	5 1	24 42	1 48	23 54	0 39	13 54	1 1	20 42	0 42	6 0	1 57	18 51	0 16	1 12	1 16	22 54	3 10	4 46	4 37	1 18	10 0	1 8
M24	23 24	25 15	4 49	24 33	1 51	23 52	0 41	14 8	1 1	20 44	0 42	6 0	1 57	18 51	0 16	1 12	1 16	22 55	3 10	4 41	4 35	1 14	10 1	1 8
T 25	23 23	21 18	4 20	24 22	1 53	23 49	0 43	14 22	1 0	20 46	0 42	6 0	1 57	18 52	0 16	1 12	1 16	22 55	3 10	4 38	4 34	1 11	10 2	1 8
W26	23 21	16 5	3 34	24 8	1 55	23 45	0 45	14 36	1 0	20 49	0 42	6 0	1 58	18 53	0 16	1 12	1 16	22 55	3 11	4 35	4 33	1 7	10 2	1 8
T 27	23 19	10 0	2 36	23 52	1 55	23 41	0 47	14 49	0 59	20 51	0 42	6 0	1 58	18 53	0 16	1 12	1 17	22 56	3 11	4 34	4 32	1 4	10 3	1 8
F 28	23 16	3 25	1 27	23 34	1 55	23 36	0 49	15 3	0 59	20 53	0 42	6 0	1 58	18 54	0 16	1 12	1 17	22 56	3 11	4 33	4 31	1 1	10 3	1 8
S 29	23 13	3n19	0 14	23 15	1 55	23 30	0 51	15 16	0 58	20 55	0 42	6 0	1 58	18 55	0 16	1 12	1 17	22 57	3 11	4 33	4 29	0 57	10 4	1 8
S 30	23n 9	9n52	1n 0	22n54	1n53	23n24	0n53	15n29	0s58	20n57	0s42	6s 0												

SWISS EPHEMERIS for the year 2024

JULY 2024

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Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁
M 1	18 38 10	9 ^h 39'42"	6 ^h 59'	27 ^h 18'	16 ^h 53'	15 ^h 58'	8 ^h 13'	19 ^h 26'	25 ^h 43'	29 ^h 56'	1 ^h 23'	11 ^h 29'	11 ^h 14'	0 ^h 11'	23 ^h 15'
T 2	18 42 6	10 ^h 36'55"	20 ^h 53'	29 ^h 4'	18 ^h 6'	16 ^h 41'	8 ^h 26'	19 ^h 25'	25 ^h 46'	29 ^h 56'	1 ^h 22'	11 ^h 26'	11 ^h 11'	0 ^h 17'	23 ^h 16'
W 3	18 46 3	11 ^h 34'08"	4 ^h 11'41"	0 ^h 48'	19 ^h 20'	17 ^h 24'	8 ^h 39'	19 ^h 25'	25 ^h 49'	29 ^h 56'	1 ^h 20'	11 ^h 19'	11 ^h 8'	0 ^h 24'	23 ^h 18'
T 4	18 49 59	12 ^h 31'22"	18 ^h 19'	2 ^h 30'	20 ^h 34'	18 ^h 7'	8 ^h 52'	19 ^h 25'	25 ^h 51'	29 ^h 56'	1 ^h 19'	11 ^h 10'	11 ^h 5'	0 ^h 31'	23 ^h 19'
F 5	18 53 56	13 ^h 28'36"	1 ^h 54'5	4 ^h 9'	21 ^h 47'	18 ^h 50'	9 ^h 5'	19 ^h 24'	25 ^h 54'	29 ^h 56'	1 ^h 18'	10 ^h 59'	11 ^h 2'	0 ^h 37'	23 ^h 20'
S 6	18 57 52	14 ^h 25'49"	14 ^h 58'	5 ^h 47'	23 ^h 1'	19 ^h 33'	9 ^h 17'	19 ^h 24'	25 ^h 56'	29 ^h 56'	1 ^h 16'	10 ^h 46'	10 ^h 59'	0 ^h 44'	23 ^h 21'
S 7	19 1 49	15 ^h 23'03"	27 ^h 54'	7 ^h 22'	24 ^h 15'	20 ^h 16'	9 ^h 30'	19 ^h 23'	25 ^h 59'	29 ^h 56'	1 ^h 15'	10 ^h 34'	10 ^h 55'	0 ^h 51'	23 ^h 22'
M 8	19 5 45	16 ^h 20'17"	10 ^h 23'5	8 ^h 55'	25 ^h 29'	20 ^h 58'	9 ^h 43'	19 ^h 22'	26 ^h 2'	29 ^h 55'	1 ^h 14'	10 ^h 22'	10 ^h 52'	0 ^h 57'	23 ^h 23'
T 9	19 9 42	17 ^h 17'31"	22 ^h 59'	10 ^h 26'	26 ^h 42'	21 ^h 41'	9 ^h 55'	19 ^h 21'	26 ^h 4'	29 ^h 55'	1 ^h 12'	10 ^h 13'	10 ^h 49'	1 ^h 4'	23 ^h 24'
W10	19 13 39	18 ^h 14'44"	5 ^h 11'9"	11 ^h 55'	27 ^h 56'	22 ^h 23'	10 ^h 8'	19 ^h 21'	26 ^h 6'	29 ^h 55'	1 ^h 11'	10 ^h 6'	10 ^h 46'	1 ^h 11'	23 ^h 25'
T 11	19 17 35	19 ^h 11'58"	17 ^h 7'	13 ^h 22'	29 ^h 10'	23 ^h 6'	10 ^h 20'	19 ^h 19'	26 ^h 9'	29 ^h 55'	1 ^h 9'	10 ^h 2'	10 ^h 43'	1 ^h 17'	23 ^h 26'
F 12	19 21 32	20 ^h 9'11"	28 ^h 58'	14 ^h 46'	0 ^h 24'	23 ^h 48'	10 ^h 33'	19 ^h 18'	26 ^h 11'	29 ^h 54'	1 ^h 8'	10 ^h 0'	10 ^h 39'	1 ^h 24'	23 ^h 26'
S 13	19 25 28	21 ^h 6'25"	10 ^h 24'6"	16 ^h 8'	1 ^h 37'	24 ^h 30'	10 ^h 45'	19 ^h 17'	26 ^h 14'	29 ^h 54'	1 ^h 7'	10 ^h D 0'	10 ^h 36'	1 ^h 30'	23 ^h 27'
S 14	19 29 25	22 ^h 3'38"	22 ^h 36'	17 ^h 28'	2 ^h 51'	25 ^h 13'	10 ^h 57'	19 ^h 16'	26 ^h 16'	29 ^h 54'	1 ^h 5'	10 ^h R 0'	10 ^h 33'	1 ^h 37'	23 ^h 28'
M15	19 33 21	23 ^h 0'52"	4 ^h 11'34"	18 ^h 45'	4 ^h 5'	25 ^h 55'	11 ^h 9'	19 ^h 14'	26 ^h 18'	29 ^h 53'	1 ^h 4'	10 ^h 0'	10 ^h 30'	1 ^h 44'	23 ^h 29'
T 16	19 37 18	23 ^h 58'05"	16 ^h 46'	20 ^h 0'	5 ^h 19'	26 ^h 37'	11 ^h 21'	19 ^h 13'	26 ^h 20'	29 ^h 53'	1 ^h 2'	9 ^h 58'	10 ^h 27'	1 ^h 50'	23 ^h 29'
W17	19 41 14	24 ^h 55'19"	29 ^h 15'	21 ^h 13'	6 ^h 32'	27 ^h 19'	11 ^h 33'	19 ^h 11'	26 ^h 23'	29 ^h 52'	1 ^h 1'	9 ^h 53'	10 ^h 24'	1 ^h 57'	23 ^h 30'
T 18	19 45 11	25 ^h 52'33"	12 ^h 7'	22 ^h 23'	7 ^h 46'	28 ^h 1'	11 ^h 45'	19 ^h 9'	26 ^h 25'	29 ^h 52'	1 ^h 0'	9 ^h 47'	10 ^h 20'	2 ^h 4'	23 ^h 30'
F 19	19 49 8	26 ^h 49'47"	25 ^h 22'	23 ^h 31'	9 ^h 0'	28 ^h 42'	11 ^h 57'	19 ^h 8'	26 ^h 27'	29 ^h 51'	0 ^h 58'	9 ^h 38'	10 ^h 17'	2 ^h 10'	23 ^h 31'
S 20	19 53 4	27 ^h 47'02"	9 ^h 31'	24 ^h 36'	10 ^h 13'	29 ^h 24'	12 ^h 9'	19 ^h 6'	26 ^h 29'	29 ^h 51'	0 ^h 57'	9 ^h 28'	10 ^h 14'	2 ^h 17'	23 ^h 31'
S 21	19 57 1	28 ^h 44'17"	23 ^h 3'	25 ^h 38'	11 ^h 27'	0 ^h 11'6"	12 ^h 21'	19 ^h 4'	26 ^h 31'	29 ^h 50'	0 ^h 55'	9 ^h 17'	10 ^h 11'	2 ^h 24'	23 ^h 31'
M22	20 0 57	29 ^h 41'32"	7 ^h 22'22"	26 ^h 37'	12 ^h 41'	0 ^h 47'	12 ^h 32'	19 ^h 2'	26 ^h 33'	29 ^h 50'	0 ^h 54'	9 ^h 7'	10 ^h 8'	2 ^h 30'	23 ^h 32'
T 23	20 4 54	0 ^h 23'48"	21 ^h 52'	27 ^h 33'	13 ^h 55'	1 ^h 29'	12 ^h 44'	18 ^h 59'	26 ^h 35'	29 ^h 49'	0 ^h 53'	8 ^h 58'	10 ^h 5'	2 ^h 37'	23 ^h 32'
W24	20 8 50	1 ^h 36'05"	6 ^h 28'	28 ^h 26'	15 ^h 8'	2 ^h 10'	12 ^h 55'	18 ^h 57'	26 ^h 37'	29 ^h 48'	0 ^h 51'	8 ^h 52'	10 ^h 1'	2 ^h 44'	23 ^h 32'
T 25	20 12 47	2 ^h 33'22"	21 ^h 2'	29 ^h 16'	16 ^h 22'	2 ^h 51'	13 ^h 7'	18 ^h 55'	26 ^h 39'	29 ^h 48'	0 ^h 50'	8 ^h 49'	9 ^h 58'	2 ^h 50'	23 ^h 32'
F 26	20 16 43	3 ^h 30'40"	5 ^h 19'29"	0 ^h 11'2	17 ^h 36'	3 ^h 32'	13 ^h 18'	18 ^h 52'	26 ^h 40'	29 ^h 47'	0 ^h 48'	8 ^h D48'	9 ^h 55'	2 ^h 57'	23 ^h 32'
S 27	20 20 40	4 ^h 27'59"	19 ^h 47'	0 ^h 45'	18 ^h 49'	4 ^h 13'	13 ^h 29'	18 ^h 50'	26 ^h 42'	29 ^h 46'	0 ^h 47'	8 ^h 48'	9 ^h 52'	3 ^h 4'	23 ^h R32'
S 28	20 24 37	5 ^h 25'19"	3 ^h 52'	1 ^h 25'	20 ^h 3'	4 ^h 54'	13 ^h 40'	18 ^h 47'	26 ^h 44'	29 ^h 46'	0 ^h 45'	8 ^h R48'	9 ^h 49'	3 ^h 10'	23 ^h 32'
M29	20 28 33	6 ^h 22'40"	17 ^h 46'	2 ^h 0'	21 ^h 17'	5 ^h 35'	13 ^h 51'	18 ^h 44'	26 ^h 46'	29 ^h 45'	0 ^h 44'	8 ^h 48'	9 ^h 45'	3 ^h 17'	23 ^h 32'
T 30	20 32 30	7 ^h 20'03"	1 ^h 11'26"	2 ^h 32'	22 ^h 30'	6 ^h 16'	14 ^h 2'	18 ^h 42'	26 ^h 47'	29 ^h 44'	0 ^h 43'	8 ^h 46'	9 ^h 42'	3 ^h 23'	23 ^h 32'
W31	20 36 26	8 ^h 17'26"	14 ^h 11'55"	2 ^h 11'59"	23 ^h 24'4	6 ^h 11'57"	14 ^h 11'3	18 ^h 39'	26 ^h 49'	29 ^h 43'	0 ^h 41'	8 ^h 41'	9 ^h 39'	3 ^h 30'	23 ^h 32'

Day	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁	♁									
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat									
M 1	23n 5	15n54	2n10	22n31	1n51	23n17	0n55	15n42	0s57	20n59	0s42	6s 1	1s59	18n56	0s16	1s12	1s17	22s57	3s11	4n33	4n27	0n50	10n 5	1n 8
T 2	23 1 21 4	3 12 22 7	1 48 23 9	0 57 15 55	0 56 21 1	0 42 6 1	1 59 18 57	0 16 1 12	1 17 22 58	3 11 4 31	4 26 0 47	10 5 1 8												
W 3	22 56 25 2	4 2 21 41	1 45 23 1	0 59 16 8	0 56 21 3	0 42 6 1	1 59 18 57	0 16 1 12	1 17 22 58	3 11 4 29	4 24 0 43	10 6 1 8												
T 4	22 51 27 31	4 37 21 14	1 41 22 52	1 1 16 20	0 55 21 5	0 42 6 2	2 0 18 58	0 16 1 12	1 17 22 59	3 12 4 25	4 23 0 40	10 6 1 8												
F 5	22 45 28 22	4 56 20 47	1 36 22 42	1 2 16 33	0 55 21 7	0 42 6 2	2 0 18 59	0 16 1 12	1 17 22 59	3 12 4 21	4 22 0 36	10 7 1 8												
S 6	22 39 27 33	4 59 20 18	1 31 22 32	1 4 16 45	0 54 21 9	0 42 6 2	2 0 18 59	0 16 1 12	1 17 23 0	3 12 4 16	4 21 0 33	10 7 1 8												
S 7	22 33 25 16	4 47 19 48	1 26 22 21	1 6 16 57	0 53 21 11	0 42 6 3	2 0 19 0	0 16 1 12	1 17 23 0	3 12 4 11	4 19 0 30	10 7 1 8												
M 8	22 26 21 45	4 20 19 18	1 19 22 9	1 7 17 9	0 53 21 13	0 42 6 3	2 1 19 0	0 16 1 13	1 17 23 0	3 12 4 6	4 18 0 26	10 8 1 8												
T 9	22 19 17 21	3 42 18 47	1 13 21 56	1 9 17 21	0 52 21 15	0 42 6 4	2 1 19 1	0 16 1 13	1 17 23 1	3 12 4 3	4 17 0 23	10 8 1 8												
W10	22 12 12 19	2 53 18 16	1 6 21 43	1 10 17 32	0 51 21 17	0 42 6 5	2 1 19 2	0 16 1 13	1 17 23 1	3 12 4 0	4 16 0 19	10 8 1 8												
T 11	22 4 6 54	1 58 17 44	0 58 21 30	1 12 17 44	0 51 21 19	0 42 6 5	2 1 19 2	0 16 1 13	1 17 23 2	3 12 3 59	4 14 0 16	10 9 1 8												
F 12	21 56 1 18	0 58 17 12	0 50 21 16	1 13 17 55	0 50 21 21	0 42 6 6	2 2 19 3	0 16 1 13	1 17 23 2	3 12 3 58	4 13 0 12	10 9 1 8												
S 13	21 47 4s19	0s 4 16 39	0 41 21 1	1 15 18 6	0 50 21 22	0 42 6 7	2 2 19 3	0 16 1 13	1 17 23 2	3 13 3 58	4 12 0 9	10 9 1 8												
S 14	21 38 9 49	1 6 16 7	0 32 20 45	1 16 18 17	0 49 21 24	0 42 6 7	2 2 19 4	0 16 1 13	1 17 23 3	3 13 3 58	4 11 0 5	10 10 1 8												
M15	21 29 15 2	2 7 15 34	0 23 20 29	1 17 18 27	0 48 21 26	0 42 6 8	2 2 19 4	0 16 1 14	1 17 23 3	3 13 3 57	4 9 0 2	10 10 1 8												
T 16	21 19 19 45	3 2 15 1	0 13 20 12	1 18 18 38	0 47 21 27	0 42 6 9	2 3 19 5	0 16 1 14	1 17 23 4	3 13 3 57	4 8 0s 1	10 10 1 8												
W17	21 9 23 44	3 50 14 28	0 3 19 55	1 20 18 48	0 47 21 29	0 42 6 10	2 3 19 5	0 16 1 14	1 18 23 4	3 13 3 55	4 7 0 5	10 10 1 8												
T 18	20 58 26 40	4 28 13 56	0s 8 19 38	1 21 18 58	0 46 21 31	0 41 6 11	2 3 19 6	0 16 1 14	1 18 23 4	3 1														

SWISS EPHEMERIS for the year 2024

AUGUST 2024

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Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁
T 1	20 40 23	9♈14'51	28♁11	3♁22	24♁58	7♁37	14♁24	18°R36	26♁51	29°R42	0°R40	8°R34	9°Y36	3♁37	23°R31
F 2	20 44 19	10°12'16	11♁15	3°40	26°12	8°18	14°35	18°H33	26°52	29°H41	0°H38	8°Y25	9°33	3°43	23°Y31
S 3	20 48 16	11° 9'43	24° 6	3°54	27°25	8°58	14°45	18°30	26°54	29°40	0°37	8°15	9°30	3°50	23°31
S 4	20 52 13	12° 7'10	6♁44	4° 3	28°39	9°39	14°56	18°27	26°55	29°39	0°36	8° 5	9°26	3°57	23°30
M 5	20 56 9	13° 4'39	19° 9	4°R 6	29°53	10°19	15° 6	18°23	26°56	29°38	0°34	7°56	9°23	4° 3	23°30
T 6	21 0 6	14° 2'08	1♁23	4° 5	1♁ 6	10°59	15°16	18°20	26°58	29°37	0°33	7°48	9°20	4°10	23°29
W 7	21 4 2	14°59'38	13°25	3°58	2°20	11°39	15°27	18°17	26°59	29°36	0°32	7°43	9°17	4°17	23°29
T 8	21 7 59	15°57'09	25°19	3°46	3°34	12°19	15°37	18°13	27° 0	29°35	0°30	7°40	9°14	4°23	23°28
F 9	21 11 55	16°54'41	7♁ 7	3°28	4°47	12°58	15°47	18°10	27° 1	29°34	0°29	7°D39	9°11	4°30	23°27
S 10	21 15 52	17°52'14	18°53	3° 5	6° 1	13°38	15°56	18° 6	27° 3	29°33	0°27	7°40	9° 7	4°37	23°27
S 11	21 19 48	18°49'48	0♁43	2°37	7°15	14°18	16° 6	18° 2	27° 4	29°32	0°26	7°41	9° 4	4°43	23°26
M12	21 23 45	19°47'22	12°40	2° 5	8°28	14°57	16°16	17°59	27° 5	29°31	0°25	7°42	9° 1	4°50	23°25
T 13	21 27 41	20°44'58	24°50	1°27	9°42	15°36	16°25	17°55	27° 6	29°30	0°23	7°R42	8°58	4°57	23°24
W14	21 31 38	21°42'34	7♁19	0°46	10°56	16°15	16°35	17°51	27° 7	29°28	0°22	7°41	8°55	5° 3	23°23
T 15	21 35 35	22°40'12	20°10	0° 0	12° 9	16°55	16°44	17°47	27° 8	29°27	0°21	7°38	8°51	5°10	23°22
F 16	21 39 31	23°37'50	3♁27	29♁13	13°23	17°33	16°53	17°43	27° 8	29°26	0°20	7°33	8°48	5°16	23°21
S 17	21 43 28	24°35'30	17°11	28°23	14°37	18°12	17° 2	17°39	27° 9	29°25	0°18	7°27	8°45	5°23	23°20
S 18	21 47 24	25°33'11	1♁21	27°31	15°50	18°51	17°11	17°35	27°10	29°23	0°17	7°20	8°42	5°30	23°19
M19	21 51 21	26°30'52	15°54	26°40	17° 4	19°30	17°20	17°31	27°11	29°22	0°16	7°14	8°39	5°36	23°18
T 20	21 55 17	27°28'35	0♁43	25°49	18°17	20° 8	17°28	17°27	27°11	29°21	0°15	7° 9	8°36	5°43	23°17
W21	21 59 14	28°26'20	15°40	25° 0	19°31	20°47	17°37	17°23	27°12	29°19	0°13	7° 6	8°32	5°50	23°15
T 22	22 3 10	29°24'05	0°Y36	24°14	20°44	21°25	17°45	17°19	27°13	29°18	0°12	7°D 4	8°29	5°56	23°14
F 23	22 7 7	0♁21'53	15°25	23°32	21°58	22° 3	17°53	17°14	27°13	29°16	0°11	7° 4	8°26	6° 3	23°13
S 24	22 11 4	1°19'42	29°59	22°54	23°11	22°41	18° 2	17°10	27°13	29°15	0°10	7° 5	8°23	6°10	23°11
S 25	22 15 0	2°17'33	14♁17	22°23	24°25	23°19	18° 9	17° 6	27°14	29°14	0° 9	7° 7	8°20	6°16	23°10
M26	22 18 57	3°15'25	28°15	21°57	25°39	23°56	18°17	17° 1	27°14	29°12	0° 8	7°R 8	8°16	6°23	23° 8
T 27	22 22 53	4°13'20	11♁52	21°39	26°52	24°34	18°25	16°57	27°15	29°11	0° 6	7° 8	8°13	6°30	23° 7
W28	22 26 50	5°11'16	25°12	21°28	28° 6	25°12	18°33	16°53	27°15	29° 9	0° 5	7° 6	8°10	6°36	23° 5
T 29	22 30 46	6° 9'15	8♁14	21°D25	29°19	25°49	18°40	16°48	27°15	29° 8	0° 4	7° 3	8° 7	6°43	23° 4
F 30	22 34 43	7° 7'15	21° 1	21°30	0♁33	26°26	18°47	16°44	27°15	29° 6	0° 3	6°59	8° 4	6°49	23° 2
S 31	22 38 40	8♁ 5'16	3♁34	21♁43	1♁46	27°II 3	18°II54	16°H39	27°H15	29°H 5	0°H 2	6°Y54	8°Y 1	6°H56	23°Y 0

Day	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁	♁
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
T 1	17n56	28n25	5n 0	7n31	2s58	14n36	1n29	21n 0	0s35	21n50	0s41	6s27	2s 6	19n12	0s16
F 2	17 41 28	1 5 4	7 12	3 10	14 11	1 29	21 7	0 34	21 52	0 41	6 28	2 6	19 12	0 16	1 19
S 3	17 26 26	6 4 53	6 56	3 22	13 46	1 29	21 14	0 34	21 53	0 41	6 30	2 7	19 12	0 16	1 20
S 4	17 10 22	54 4 28	6 42	3 34	13 20	1 29	21 21	0 33	21 54	0 42	6 31	2 7	19 13	0 16	1 20
M 5	16 53 18	43 3 50	6 30	3 45	12 54	1 29	21 28	0 32	21 55	0 42	6 32	2 7	19 13	0 16	1 21
T 6	16 37 13	49 3 2	6 21	3 56	12 28	1 29	21 35	0 31	21 56	0 42	6 34	2 7	19 13	0 16	1 21
W 7	16 20 8	28 2 7	6 14	4 6	12 2	1 29	21 41	0 30	21 57	0 42	6 35	2 7	19 14	0 16	1 21
T 8	16 3 2	52 1 6	6 9	4 16	11 35	1 29	21 47	0 29	21 58	0 42	6 37	2 8	19 14	0 16	1 22
F 9	15 46 2	2s47 0 3	6 7	4 24	11 7	1 28	21 53	0 28	21 59	0 42	6 38	2 8	19 14	0 16	1 22
S 10	15 29 8	20 1s 0	6 9	4 32	10 40	1 28	21 59	0 28	22 0	0 42	6 40	2 8	19 14	0 16	1 23
S 11	15 11 13	37 2 1	6 13	4 38	10 12	1 27	22 4	0 27	22 1	0 42	6 42	2 8	19 15	0 16	1 23
M12	14 53 18	28 2 58	6 20	4 43	9 44	1 27	22 10	0 26	22 2	0 42	6 43	2 8	19 15	0 16	1 24
T 13	14 35 22	39 3 47	6 29	4 47	9 16	1 26	22 15	0 25	22 3	0 42	6 45	2 9	19 15	0 16	1 24
W14	14 16 25	55 4 27	6 42	4 48	8 47	1 26	22 20	0 24	22 4	0 42	6 47	2 9	19 15	0 16	1 25
T 15	13 57 27	59 4 55	6 58	4 49	8 18	1 25	22 25	0 23	22 5	0 42	6 48	2 9	19 16	0 16	1 25
F 16	13 39 28	32 5 9	7 16	4 47	7 49	1 24	22 30	0 22	22 6	0 42	6 50	2 9	19 16	0 16	1 26
S 17	13 19 27	23 5 5	7 36	4 44	7 20	1 23	22 34	0 21	22 7	0 42	6 52	2 9	19 16	0 16	1 26
S 18	13 0 24	27 4 43	7 58	4 38	6 51	1 22	22 38	0 20	22 8	0 42	6 53	2 9	19 16	0 16	1 27
M19	12 41 19	55 4 2	8 23	4 31	6 21	1 21	22 42	0 19	22 9	0 42	6 55	2 9	19 16	0 16	1 28
T 20	12 21 14	6 3 5	8 48	4 22	5 51	1 20	22 46	0 18	22 9	0 42	6 57	2 10	19 16	0 16	1 28
W21	12 1 7	24 1 54	9 14	4 11	5 22	1 19	22 50	0 17	22 10	0 42	6 59	2 10	19 17	0 16	1 29
T 22	11 41 0	18 0 35	9 41	3 59	4 51	1 18	22 54	0 16	22 11	0 42	7 0	2 10	19 17	0 16	1 29
F 23	11 21 6	n46 0n45	10 8	3 45	4 21	1 16	22 57	0 15	22 12	0 42	7 2	2 10	19 17	0 16	1 30
S 24	11 0 13	22 2 10	35 3 29	3 51	1 15	23 0	0 14	22 12	0 42	7 4	2 10	19 17	0 16	1 30	
S 25	10 39 19	8 3 9	11 0	3 13	3 20	1 13	23 3	0 13	22 13	0 42	7 6	2 10	19 17	0 16	1 31
M26	10 19 23	44 4 4	11 25	2 56	2 50	1 12	23 6	0 12	22 14	0 42	7 8	2 10	19 17	0 16	1 32
T 27	9 58 26	53 4 43	11 48	2 38	2 19	1 10	23 9	0 11	22 14	0 42	7 9	2 10	19 17	0 16	1 32
W28	9 37 28	27 5 6	12 9	2 20	1 49	1 9	23 11	0 10	22 15	0 42	7 11	2 11	19 17	0 16	1 33
T 29	9 15 28	23 5 13	12 27	2 1	1 18	1 7	23 13	0 9	22 16	0 42	7 13	2 11	19 17	0 16	1 33
F 30	8 54 26	48 5 3	12 43	1 43	0 47	1 5	23 16	0 8	22 16	0 42	7 15	2 11	19 17	0 16	1 34
S 31	8n32	23n53	4n40	12n56	1s24	0n16	1n 3	23n18	0s 7	22n17	0s42	7s17	2s11	19n17	0s16

Julian Day Number = 2460523.5, Delta T = 78.34 sec
 Ecliptic obliquity = 23°26'19", Nutation = - 0°00'02"
 Ayanamsha: Fagan/Bradley = 25°05'02", Lahiri = 24°12'02"

SWISS EPHEMERIS for the year 2024

SEPTEMBER 2024

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♃	♄	♅	♆	♇	♁	♂	♁	♃	♄
S 1	22 42 36	9 ^h 3'20	15 ^h 55	22 ^h 5	2 ^h 59	27 ^h 40	19 ^h 1	16 ^h R35	27 ^h 15	29 ^h R 3	0 ^h R 1	6 ^h R50	7 ^h 57	7 ^h 3	22 ^h R58
M 2	22 46 33	10 ^h 1'25	28 ^h 5	22 ^h 35	4 ^h 13	28 ^h 17	19 ^h 8	16 ^h 30	27 ^h R15	29 ^h 2	29 ^h 59	6 ^h 45	7 ^h 54	7 ^h 9	22 ^h 57
T 3	22 50 29	10 ^h 59'32	10 ^h 7	23 ^h 13	5 ^h 26	28 ^h 54	19 ^h 15	16 ^h 25	27 ^h 15	29 ^h 0	29 ^h 59	6 ^h 42	7 ^h 51	7 ^h 16	22 ^h 55
W 4	22 54 26	11 ^h 57'41	22 ^h 1	23 ^h 59	6 ^h 40	29 ^h 30	19 ^h 21	16 ^h 21	27 ^h 15	28 ^h 59	29 ^h 58	6 ^h 40	7 ^h 48	7 ^h 23	22 ^h 53
T 5	22 58 22	12 ^h 55'51	3 ^h 50	24 ^h 53	7 ^h 53	0 ^h 6	19 ^h 28	16 ^h 16	27 ^h 15	28 ^h 57	29 ^h 57	6 ^h D39	7 ^h 45	7 ^h 29	22 ^h 51
F 6	23 2 19	13 ^h 54'03	15 ^h 37	25 ^h 54	9 ^h 7	0 ^h 43	19 ^h 34	16 ^h 12	27 ^h 15	28 ^h 55	29 ^h 56	6 ^h 39	7 ^h 42	7 ^h 36	22 ^h 49
S 7	23 6 15	14 ^h 52'16	27 ^h 23	27 ^h 2	10 ^h 20	1 ^h 19	19 ^h 40	16 ^h 7	27 ^h 15	28 ^h 54	29 ^h 55	6 ^h 40	7 ^h 38	7 ^h 43	22 ^h 47
S 8	23 10 12	15 ^h 50'31	9 ^h 14	28 ^h 16	11 ^h 33	1 ^h 54	19 ^h 46	16 ^h 3	27 ^h 14	28 ^h 52	29 ^h 54	6 ^h 42	7 ^h 35	7 ^h 49	22 ^h 45
M 9	23 14 8	16 ^h 48'48	21 ^h 12	29 ^h 36	12 ^h 47	2 ^h 30	19 ^h 52	15 ^h 58	27 ^h 14	28 ^h 51	29 ^h 53	6 ^h 43	7 ^h 32	7 ^h 56	22 ^h 43
T 10	23 18 5	17 ^h 47'06	3 ^h 21	1 ^h 2	14 ^h 0	3 ^h 6	19 ^h 57	15 ^h 53	27 ^h 14	28 ^h 49	29 ^h 53	6 ^h 45	7 ^h 29	8 ^h 3	22 ^h 41
W 11	23 22 2	18 ^h 45'26	15 ^h 48	2 ^h 32	15 ^h 13	3 ^h 41	20 ^h 3	15 ^h 49	27 ^h 13	28 ^h 47	29 ^h 52	6 ^h R45	7 ^h 26	8 ^h 9	22 ^h 39
T 12	23 25 58	19 ^h 43'47	28 ^h 35	4 ^h 7	16 ^h 27	4 ^h 16	20 ^h 8	15 ^h 44	27 ^h 13	28 ^h 46	29 ^h 51	6 ^h 45	7 ^h 22	8 ^h 16	22 ^h 37
F 13	23 29 55	20 ^h 42'10	11 ^h 34	5 ^h 45	17 ^h 40	4 ^h 51	20 ^h 13	15 ^h 40	27 ^h 12	28 ^h 44	29 ^h 50	6 ^h 44	7 ^h 19	8 ^h 22	22 ^h 34
S 14	23 33 51	21 ^h 40'35	25 ^h 25	7 ^h 27	18 ^h 53	5 ^h 26	20 ^h 18	15 ^h 35	27 ^h 12	28 ^h 43	29 ^h 49	6 ^h 43	7 ^h 16	8 ^h 29	22 ^h 32
S 15	23 37 48	22 ^h 39'01	9 ^h 31	9 ^h 11	20 ^h 7	6 ^h 1	20 ^h 23	15 ^h 30	27 ^h 11	28 ^h 41	29 ^h 49	6 ^h 41	7 ^h 13	8 ^h 36	22 ^h 30
M 16	23 41 44	23 ^h 37'28	24 ^h 3	10 ^h 57	21 ^h 20	6 ^h 35	20 ^h 27	15 ^h 26	27 ^h 10	28 ^h 39	29 ^h 48	6 ^h 39	7 ^h 10	8 ^h 42	22 ^h 28
T 17	23 45 41	24 ^h 35'58	8 ^h 56	12 ^h 45	22 ^h 33	7 ^h 10	20 ^h 32	15 ^h 21	27 ^h 9	28 ^h 38	29 ^h 47	6 ^h 38	7 ^h 7	8 ^h 49	22 ^h 25
W 18	23 49 37	25 ^h 34'29	24 ^h 3	14 ^h 35	23 ^h 46	7 ^h 44	20 ^h 36	15 ^h 17	27 ^h 9	28 ^h 36	29 ^h 47	6 ^h 37	7 ^h 3	8 ^h 56	22 ^h 23
T 19	23 53 34	26 ^h 33'02	9 ^h 15	16 ^h 25	25 ^h 0	8 ^h 18	20 ^h 40	15 ^h 12	27 ^h 8	28 ^h 34	29 ^h 46	6 ^h D37	7 ^h 0	9 ^h 2	22 ^h 20
F 20	23 57 31	27 ^h 31'37	24 ^h 21	18 ^h 16	26 ^h 13	8 ^h 52	20 ^h 44	15 ^h 8	27 ^h 7	28 ^h 33	29 ^h 45	6 ^h 37	6 ^h 57	9 ^h 9	22 ^h 18
S 21	0 1 27	28 ^h 30'14	9 ^h 15	20 ^h 7	27 ^h 26	9 ^h 26	20 ^h 47	15 ^h 4	27 ^h 6	28 ^h 31	29 ^h 45	6 ^h 38	6 ^h 54	9 ^h 16	22 ^h 16
S 22	0 5 24	29 ^h 28'53	23 ^h 49	21 ^h 59	28 ^h 39	9 ^h 59	20 ^h 51	14 ^h 59	27 ^h 5	28 ^h 29	29 ^h 44	6 ^h 38	6 ^h 51	9 ^h 22	22 ^h 13
M 23	0 9 20	0 ^h 27'35	7 ^h 58	23 ^h 50	29 ^h 52	10 ^h 32	20 ^h 54	14 ^h 55	27 ^h 4	28 ^h 28	29 ^h 44	6 ^h 39	6 ^h 48	9 ^h 29	22 ^h 11
T 24	0 13 17	1 ^h 26'19	21 ^h 43	25 ^h 42	1 ^h 5	11 ^h 5	20 ^h 57	14 ^h 51	27 ^h 3	28 ^h 26	29 ^h 43	6 ^h 39	6 ^h 44	9 ^h 36	22 ^h 8
W 25	0 17 13	2 ^h 25'05	5 ^h 3	27 ^h 32	2 ^h 18	11 ^h 38	21 ^h 0	14 ^h 46	27 ^h 2	28 ^h 24	29 ^h 43	6 ^h R39	6 ^h 41	9 ^h 42	22 ^h 6
T 26	0 21 10	3 ^h 23'53	18 ^h 0	29 ^h 23	3 ^h 31	12 ^h 11	21 ^h 3	14 ^h 42	27 ^h 1	28 ^h 23	29 ^h 42	6 ^h 39	6 ^h 38	9 ^h 49	22 ^h 3
F 27	0 25 6	4 ^h 22'44	0 ^h 38	1 ^h 12	4 ^h 44	12 ^h 43	21 ^h 5	14 ^h 38	27 ^h 0	28 ^h 21	29 ^h 42	6 ^h 39	6 ^h 35	9 ^h 56	22 ^h 0
S 28	0 29 3	5 ^h 21'37	13 ^h 0	3 ^h 1	5 ^h 57	13 ^h 16	21 ^h 8	14 ^h 34	26 ^h 58	28 ^h 19	29 ^h 41	6 ^h 39	6 ^h 32	10 ^h 2	21 ^h 58
S 29	0 33 0	6 ^h 20'32	25 ^h 9	4 ^h 50	7 ^h 10	13 ^h 48	21 ^h 10	14 ^h 30	26 ^h 57	28 ^h 18	29 ^h 41	6 ^h D39	6 ^h 28	10 ^h 9	21 ^h 55
M 30	0 36 56	7 ^h 19'29	7 ^h 8	6 ^h 37	8 ^h 23	14 ^h 59	21 ^h 12	14 ^h 26	26 ^h 56	28 ^h 16	29 ^h 41	6 ^h 39	6 ^h 25	10 ^h 15	21 ^h 53

Day	☉	☽	♀	♂	♃	♄	♅	♆	♇	♁	♂	♁	♃	♄	♅									
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat									
S 1	8n10	19n56	4n 3	13n 7	1s 6	0s15	1n 2	23n19	0s 6	22n17	0s42	7s19	2s11	19n17	0s16	1s35	1s19	23s20	3s16	2n43	3n 9	2s43	9n58	1n 7
M 2	7 49	15 12	3 16	13 14	0 48	0 46	1 0	23 21	0 5	22 18	0 42	7 20	2 11	19 17	0 16	1 36	1 19	23 20	3 16	2 41	3 8	2 47	9 57	1 7
T 3	7 27	9 57	2 21	13 17	0 31	1 17	0 58	23 23	0 3	22 18	0 42	7 22	2 11	19 17	0 16	1 37	1 19	23 20	3 16	2 40	3 7	2 50	9 56	1 7
W 4	7 5	4 23	1 20	13 18	0 15	1 48	0 56	23 24	0 2	22 19	0 42	7 24	2 11	19 17	0 16	1 37	1 19	23 21	3 16	2 39	3 6	2 54	9 56	1 7
T 5	6 42	1s17	0 15	13 14	0n 1	2 19	0 54	23 25	0 1	22 19	0 42	7 26	2 11	19 17	0 16	1 38	1 19	23 21	3 16	2 38	3 4	2 57	9 55	1 7
F 6	6 20	6 54	0s49	13 8	0 15	2 49	0 51	23 26	0 0	22 20	0 42	7 28	2 11	19 17	0 16	1 38	1 19	23 21	3 16	2 38	3 3	3 0	9 54	1 7
S 7	5 58	12 17	1 52	12 57	0 29	3 20	0 49	23 27	0n 1	22 20	0 42	7 30	2 11	19 17	0 16	1 39	1 19	23 21	3 16	2 39	3 2	3 4	9 53	1 7
S 8	5 35	17 16	2 50	12 43	0 41	3 51	0 47	23 28	0	22 21	0 42	7 31	2 11	19 17	0 16	1 40	1 19	23 22	3 16	2 40	3 1	3 7	9 53	1 7
M 9	5 12	21 37	3 42	12 26	0 53	4 22	0 45	23 28	0	3 22	0 42	7 33	2 12	19 17	0 16	1 40	1 19	23 22	3 16	2 40	2 59	3 11	9 52	1 7
T 10	4 50	25 9	4 25	12 6	1 3	4 52	0 42	23 29	0	5 22	0 42	7 35	2 12	19 17	0 16	1 41	1 19	23 22	3 16	2 41	2 58	3 14	9 51	1 6
W 11	4 27	27 35	4 56	11 42	1 13	5 23	0 40	23 29	0	6 22	0 42	7 37	2 12	19 17	0 16	1 42	1 19	23 22	3 16	2 41	2 57	3 18	9 50	1 6
T 12	4 4	28 39	5 13	11 15	1 21	5 53	0 37	23 29	0	7 22	0 42	7 39	2 12	19 17	0 16	1 42	1 19	23 22	3 16	2 41	2 56	3 21	9 49	1 6
F 13	3 41	28 9	5 15	10 46	1 28	6 24	0 35	23 29	0	8 22	0 42	7 41	2 12	19 17	0 16	1 43	1 19	23 22	3 16	2 40	2 54	3 25	9 49	1 6
S 14	3 18	25 58	5 0	10 14	1 34	6 54	0 32	23 29	0	9 22	0 42	7 42	2 12	19 16	0 16	1 44	1 19	23 23	3 16	2 40	2 53	3 28	9 48	1 6
S 15	2 55	22 9	4 26	9 39	1 39	7 24	0 30	23 29	0	11 22	0 42	7 44	2 12	19 16	0 16	1 44	1 20	23 23	3 16	2 39	2 52	3 31	9 47	1 6
M 16	2 32	16 53	3 35	9 3	1 43	7 54	0 27	23 28	0	12 22	0 42	7 46	2 12	19 16	0 16	1 45	1 20	23 23	3 16	2 38	2 51	3 35	9 46	1 6
T 17	2 9	10 30	2 28	8 24	1 46	8 24	0 25	23 28	0	13 22	0 42	7 48	2 12	19 16	0 16	1 46	1 20	23 23	3 16	2 38	2 49	3 38	9 45	1 6
W 18	1 46	3 25	1 9	7 44	1 48	8 53	0 22	23 27	0	14 22														

SWISS EPHEMERIS for the year 2024

OCTOBER 2024

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
T 1	0 40 53	8♌18'29	19♍ 1	8♌24	9♍36	14♎51	21♏13	14°R22	26°R54	28°R14	29°R40	6°V39	6°V22	10♌22	21°R50
W 2	0 44 49	9°17'30	0♌49	10°10	10°49	15°22	21°15	14°K18	26°S53	28°K13	29°S40	6°R39	6°19	10°29	21°V47
T 3	0 48 46	10°16'33	12°36	11°55	12° 2	15°53	21°16	14°14	26°51	28°11	29°40	6°39	6°16	10°35	21°45
F 4	0 52 42	11°15'39	24°24	13°39	13°15	16°24	21°17	14°10	26°50	28°10	29°39	6°39	6°13	10°42	21°42
S 5	0 56 39	12°14'47	6♌14	15°23	14°28	16°55	21°18	14° 6	26°48	28° 8	29°39	6°38	6° 9	10°49	21°39
S 6	1 0 35	13°13'56	18°10	17° 6	15°41	17°25	21°19	14° 2	26°47	28° 6	29°39	6°37	6° 6	10°55	21°37
M 7	1 4 32	14°13'08	0♌13	18°47	16°54	17°56	21°20	13°59	26°45	28° 5	29°39	6°36	6° 3	11° 2	21°34
T 8	1 8 29	15°12'21	12°27	20°28	18° 7	18°25	21°20	13°55	26°43	28° 3	29°39	6°35	6° 0	11° 9	21°31
W 9	1 12 25	16°11'36	24°55	22° 9	19°20	18°55	21°R20	13°52	26°42	28° 2	29°39	6°34	5°57	11°15	21°28
T 10	1 16 22	17°10'53	7♌40	23°48	20°32	19°24	21°20	13°48	26°40	28° 0	29°39	6°34	5°54	11°22	21°26
F 11	1 20 18	18°10'12	20°46	25°27	21°45	19°53	21°20	13°45	26°38	27°59	29°39	6°D34	5°50	11°29	21°23
S 12	1 24 15	19° 9'32	4♌15	27° 5	22°58	20°22	21°20	13°41	26°36	27°57	29°D39	6°34	5°47	11°35	21°20
S 13	1 28 11	20° 8'55	18° 9	28°42	24°11	20°51	21°19	13°38	26°35	27°56	29°39	6°35	5°44	11°42	21°17
M14	1 32 8	21° 8'19	2♌28	0♌18	25°23	21°19	21°18	13°35	26°33	27°54	29°39	6°36	5°41	11°48	21°15
T 15	1 36 4	22° 7'44	17°10	1°54	26°36	21°47	21°17	13°32	26°31	27°53	29°39	6°37	5°38	11°55	21°12
W16	1 40 1	23° 7'12	2°V10	3°29	27°49	22°15	21°16	13°29	26°29	27°51	29°39	6°R38	5°34	12° 2	21° 9
T 17	1 43 58	24° 6'41	17°20	5° 4	29° 1	22°42	21°14	13°26	26°27	27°50	29°39	6°37	5°31	12° 8	21° 6
F 18	1 47 54	25° 6'12	2♌32	6°38	0♌14	23° 9	21°13	13°23	26°25	27°48	29°39	6°36	5°28	12°15	21° 4
S 19	1 51 51	26° 5'46	17°36	8°11	1°26	23°36	21°11	13°20	26°23	27°47	29°39	6°34	5°25	12°22	21° 1
S 20	1 55 47	27° 5'22	2♌22	9°44	2°39	24° 2	21° 9	13°18	26°21	27°45	29°39	6°32	5°22	12°28	20°58
M21	1 59 44	28° 5'00	16°45	11°16	3°51	24°29	21° 7	13°15	26°19	27°44	29°40	6°29	5°19	12°35	20°56
T 22	2 3 40	29° 4'40	0♌40	12°47	5° 4	24°54	21° 4	13°13	26°17	27°43	29°40	6°26	5°15	12°42	20°53
W23	2 7 37	0♌ 4'22	14° 7	14°18	6°16	25°20	21° 1	13°10	26°14	27°41	29°40	6°24	5°12	12°48	20°50
T 24	2 11 33	1° 4'07	27° 8	15°48	7°28	25°45	20°59	13° 8	26°12	27°40	29°41	6°D23	5° 9	12°55	20°47
F 25	2 15 30	2° 3'54	9♌45	17°18	8°41	26°10	20°56	13° 6	26°10	27°39	29°41	6°23	5° 6	13° 2	20°45
S 26	2 19 27	3° 3'43	22° 3	18°47	9°53	26°34	20°52	13° 4	26° 8	27°37	29°41	6°24	5° 3	13° 8	20°42
S 27	2 23 23	4° 3'34	4♌ 6	20°15	11° 5	26°58	20°49	13° 1	26° 6	27°36	29°42	6°26	4°59	13°15	20°39
M28	2 27 20	5° 3'28	16° 0	21°43	12°18	27°22	20°45	13° 0	26° 3	27°35	29°42	6°28	4°56	13°22	20°37
T 29	2 31 16	6° 3'23	27°48	23°10	13°30	27°45	20°42	12°58	26° 1	27°34	29°43	6°29	4°53	13°28	20°34
W30	2 35 13	7° 3'21	9♌34	24°37	14°42	28° 8	20°38	12°56	25°59	27°32	29°43	6°R30	4°50	13°35	20°31
T 31	2 39 9	8♌ 3'21	21♌22	26♌ 3	15♌54	28♌31	20♌33	12°K54	25°S56	27°K31	29°S44	6°V28	4°V47	13♌41	20°V29

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂							
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat							
T 1	3s18	5n50	1n37	2s 9	1n17	14s56	0s16	23n 8	0n32	22n26	0s43	8s11	2s12	19n12	0s16	1s55	1s20	23s25	3s16	2n38	2n32	4s26	9n31	1n 5
W 2	3 41	0 10	0 32	2 55	1 12	15 22	0 19	23 6	0 33	22 26	0 43	8 12	2 11	19 12	0 16	1 56	1 20	23 25	3 16	2 38	2 30	4 30	9 30	1 5
T 3	4 4	5s29	0s33	3 42	1 6	15 48	0 22	23 4	0 35	22 26	0 43	8 14	2 11	19 12	0 16	1 56	1 20	23 25	3 16	2 38	2 29	4 33	9 29	1 5
F 4	4 27	10 58	1 37	4 28	1 0	16 13	0 25	23 2	0 36	22 26	0 43	8 15	2 11	19 11	0 16	1 57	1 20	23 25	3 16	2 38	2 28	4 36	9 28	1 5
S 5	4 50	16 4	2 37	5 13	0 54	16 38	0 28	22 59	0 38	22 26	0 43	8 16	2 11	19 11	0 16	1 58	1 20	23 25	3 16	2 38	2 27	4 40	9 27	1 5
S 6	5 13	20 37	3 31	5 58	0 48	17 2	0 31	22 57	0 39	22 26	0 43	8 18	2 11	19 11	0 16	1 58	1 20	23 25	3 16	2 38	2 25	4 43	9 26	1 5
M 7	5 36	24 21	4 16	6 43	0 42	17 26	0 34	22 54	0 41	22 26	0 43	8 19	2 11	19 10	0 16	1 59	1 20	23 25	3 16	2 37	2 24	4 47	9 25	1 5
T 8	5 59	27 4	4 50	7 27	0 35	17 49	0 37	22 52	0 42	22 26	0 43	8 21	2 11	19 10	0 16	1 59	1 20	23 25	3 16	2 37	2 23	4 50	9 24	1 5
W 9	6 22	28 31	5 11	8 11	0 29	18 13	0 41	22 49	0 44	22 26	0 43	8 22	2 11	19 9	0 16	2 0	1 20	23 25	3 16	2 37	2 22	4 53	9 23	1 5
T 10	6 45	28 30	5 17	8 54	0 22	18 35	0 44	22 47	0 45	22 26	0 43	8 23	2 11	19 9	0 16	2 1	1 20	23 25	3 16	2 36	2 20	4 57	9 21	1 5
F 11	7 8	26 54	5 7	9 36	0 15	18 57	0 47	22 44	0 47	22 26	0 43	8 24	2 11	19 9	0 16	2 1	1 20	23 25	3 16	2 36	2 19	5 0	9 20	1 5
S 12	7 30	23 44	4 41	10 18	0 9	19 19	0 50	22 41	0 48	22 26	0 43	8 26	2 11	19 8	0 16	2 2	1 20	23 25	3 16	2 36	2 18	5 4	9 19	1 5
S 13	7 53	19 9	3 58	10 59	0 2	19 40	0 53	22 39	0 50	22 26	0 43	8 27	2 11	19 8	0 16	2 2	1 20	23 25	3 16	2 37	2 17	5 7	9 18	1 5
M14	8 15	13 22	2 58	11 40	0s 5	20 1	0 56	22 36	0 51	22 26	0 43	8 28	2 11	19 7	0 16	2 3	1 20	23 25	3 16	2 37	2 15	5 11	9 17	1 5
T 15	8 37	6 42	1 46	12 19	0 12	20 21	0 59	22 33	0 53	22 26	0 43	8 29	2 10	19 7	0 16	2 4	1 20	23 25	3 16	2 38	2 14	5 14	9 16	1 5
W16	8 59	0n29	0 25	12 59	0 19	20 41	1 2	22 30	0 55	22 26	0 43	8 30	2 10	19 6	0 16	2 4	1 19	23 25	3 16	2 38	2 13	5 17	9 15	1 4
T 17	9 21	7 43	0n59	13 37	0 26	21 0	1 5	22 27	0 56	22 26	0 43	8 31	2 10	19 6	0 16	2 5	1 19	23 25	3 16	2 38	2 12	5 21	9 14	1 4
F 18	9 43	14 31	2 18	14 15	0 33	21 18	1 8	22 24	0 58	22 26	0 43	8 32	2 10	19 6	0 16	2 5	1 19	23 25	3 16	2 37	2 10	5 24	9 13	1 4
S 19	10 5	20 24	3 27	14 52	0 40	21 36	1 11	22 22	1 0	22 26	0 43	8 33	2 10	19 5	0 16	2 6	1 19	23 25	3 16	2 37	2 9	5 28	9 12	1 4
S 20	10 26	24 54	4 21	15 28	0 46	21 54	1 14	22 19	1 2	22 26	0 43	8 34	2 10	19 5	0 16	2 6	1 19	23 25	3 16	2 35	2 8	5 31	9 10	1 4
M21	10 48	27 42	4 57	16 3	0 53	22 11	1 17	22 16	1 3	22 25	0 43	8 35	2 10	19 4	0 16	2 7	1 19	23 25	3 16	2 34	2 7	5 34	9 9	1 4
T 22	11 9	28 40	5 14	16 37	1 0	22 27	1 20	22 13	1 5	22 25	0 43	8 36	2 10	19 4	0 16	2 7	1 19	23 25	3 16	2 33	2 5	5 38	9 8	1 4
W23	11 30	27 52	5 12	17 11	1 6	22 42	1 22	22 10	1 7	22 25	0 43	8 36	2 10	19 3	0 16	2 8	1 19	23 24	3 16	2 33	2 4	5 41	9 7	1 4
T 24	11 51	25 33	4 55	17 44	1 13	22 58	1 25	22 7	1 9	22 25	0 43	8 37	2 9	19 3	0 16	2 9	1 19	23 24	3 16	2 32	2 3	5 45	9 6	1 4
F 25	12 11	22 2	4 24	18 16	1 19	23 12	1 28	22 4	1 10	22 25	0 43	8 38	2 9	19 2	0 16	2 9	1 19	23 24	3 16	2 32	2 2	5 48	9 5	1 4
S 26	12 32	17 38	3 41	18 47	1 25	23 26	1 31	22 1	1 12	22 24	0 43	8 39	2 9	19 2	0 16	2 10	1 19	23 24	3 16	2 33	2 0	5 51	9 4	1 4
S 27	12 52	12 37	2 49	19 17	1 32	23 39	1 34	21 58	1 14	22 24	0 43	8 39	2 9	19 1	0 16	2 10	1 19	23 24	3 16	2 33	1 59	5 55	9 3	1 4
M28	13 12	7 13	1 50	19 46	1 38	23 51	1 36	21 56	1 16	22 24	0 43	8 40	2 9	19 1	0 16	2 10	1 19	23 24	3 16	2 34	1 58	5 58	9 2	1 3
T 29	13 32	1 36	0 48	20 14	1 43	24 3	1 39	21 53	1 18	22 24	0 43	8 41	2 9</											

SWISS EPHEMERIS for the year 2024

NOVEMBER 2024

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Day	Sid.t	☉	☽	♀	♂	♃	♄	♅	♆	♇	♁	♂	♆	♁	
F 1	2 43 6	9♐ 3'22	3♐.14	27♐.28	17♏ 6	28♏53	20°R29	12°R53	25°R54	27°R30	29♏44	6°R26	4°Y44	13♏48	20°R26
S 2	2 47 2	10° 3'26	15°12	28°53	18°18	29°14	20II24	12K51	25♏52	27K29	29°45	6°Y21	4°40	13°55	20°Y24
S 3	2 50 59	11° 3'32	27°18	0♏16	19°30	29°36	20°20	12°50	25°49	27°28	29°45	6°15	4°37	14° 1	20°21
M 4	2 54 55	12° 3'39	9♏33	1°39	20°42	29°56	20°15	12°49	25°47	27°27	29°46	6° 9	4°34	14° 8	20°19
T 5	2 58 52	13° 3'48	21°59	3° 1	21°54	0♏17	20°10	12°47	25°44	27°26	29°47	6° 2	4°31	14°15	20°16
W 6	3 2 49	14° 3'59	4♏37	4°22	23° 6	0°37	20° 5	12°46	25°42	27°25	29°47	5°56	4°28	14°21	20°14
T 7	3 6 45	15° 4'11	17°28	5°42	24°18	0°56	19°59	12°45	25°40	27°24	29°48	5°51	4°25	14°28	20°11
F 8	3 10 42	16° 4'25	0♏35	7° 1	25°30	1°15	19°54	12°45	25°37	27°23	29°49	5°48	4°21	14°35	20° 9
S 9	3 14 38	17° 4'40	13°58	8°19	26°42	1°34	19°48	12°44	25°35	27°22	29°50	5°D47	4°18	14°41	20° 7
S 10	3 18 35	18° 4'57	27°41	9°35	27°53	1°51	19°42	12°43	25°32	27°21	29°51	5°47	4°15	14°48	20° 4
M11	3 22 31	19° 5'15	11K44	10°50	29° 5	2° 9	19°36	12°43	25°30	27°20	29°51	5°48	4°12	14°55	20° 2
T 12	3 26 28	20° 5'34	26° 6	12° 2	0♏17	2°26	19°30	12°42	25°27	27°19	29°52	5°50	4° 9	15° 1	20° 0
W13	3 30 25	21° 5'55	10Y46	13°13	1°28	2°42	19°24	12°42	25°25	27°18	29°53	5°R50	4° 5	15° 8	19°57
T 14	3 34 21	22° 6'18	25°39	14°22	2°40	2°58	19°17	12°42	25°22	27°18	29°54	5°48	4° 2	15°14	19°55
F 15	3 38 18	23° 6'41	10♏38	15°28	3°51	3°14	19°11	12°42	25°20	27°17	29°55	5°44	3°59	15°21	19°53
S 16	3 42 14	24° 7'07	25°35	16°31	5° 2	3°28	19° 4	12°D42	25°17	27°16	29°56	5°39	3°56	15°28	19°51
S 17	3 46 11	25° 7'34	10II21	17°31	6°14	3°43	18°57	12°42	25°15	27°15	29°57	5°31	3°53	15°34	19°49
M18	3 50 7	26° 8'03	24°47	18°28	7°25	3°56	18°50	12°42	25°12	27°15	29°58	5°22	3°50	15°41	19°46
T 19	3 54 4	27° 8'33	8♏49	19°20	8°36	4°10	18°43	12°42	25°10	27°14	29°59	5°14	3°46	15°48	19°44
W20	3 58 0	28° 9'06	22°23	20° 8	9°47	4°22	18°36	12°43	25° 7	27°13	0♏ 0	5° 7	3°43	15°54	19°42
T 21	4 1 57	29° 9'40	5♏29	20°50	10°58	4°34	18°29	12°43	25° 5	27°13	0° 1	5° 2	3°40	16° 1	19°40
F 22	4 5 54	0♏10'15	18°10	21°27	12° 9	4°45	18°21	12°44	25° 2	27°12	0° 2	5° 0	3°37	16° 8	19°38
S 23	4 9 50	1°10'53	0♐30	21°57	13°20	4°56	18°14	12°44	25° 0	27°12	0° 4	4°D59	3°34	16°14	19°37
S 24	4 13 47	2°11'32	12°33	22°20	14°30	5° 6	18° 6	12°45	24°57	27°11	0° 5	4°59	3°31	16°21	19°35
M25	4 17 43	3°12'12	24°26	22°34	15°41	5°15	17°59	12°46	24°55	27°11	0° 6	5° 0	3°27	16°28	19°33
T 26	4 21 40	4°12'54	6♏13	22°R40	16°52	5°24	17°51	12°47	24°52	27°10	0° 7	5°R 0	3°24	16°34	19°31
W27	4 25 36	5°13'38	18° 0	22°36	18° 2	5°32	17°43	12°48	24°50	27°10	0° 8	4°59	3°21	16°41	19°29
T 28	4 29 33	6°14'24	29°50	22°22	19°13	5°39	17°35	12°50	24°47	27°10	0°10	4°56	3°18	16°48	19°28
F 29	4 33 29	7°15'10	11♐48	21°57	20°23	5°45	17°27	12°51	24°45	27° 9	0°11	4°50	3°15	16°54	19°26
S 30	4 37 26	8♏15'59	23♐55	21♏21	21♏33	5♏51	17II19	12K53	24♏43	27K 9	0♏12	4°Y42	3°Y11	17♏ 1	19°Y24

Day	☉	☽	♀	♂	♃	♄	♅	♆	♇	♁	♂	♆	♁											
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat							
F 1	14s31	14s48	2s21	21s32	2s 0	24s35	1s46	21n45	1n24	22n23	0s43	8s42	2s 8	18n58	0s16	2s12	1s19	23s23	3s16	2n33	1n53	6s12	8n57	1n 3
S 2	14 50	19 31	3 16	21 56	2 5	24 44	1 49	21 42	1 26	22 23	0 43	8 42	2 8	18 58	0 16	2 13	1 19	23 23	3 16	2 31	1 51	6 15	8 56	1 3
S 3	15 9	23 29	4 2	22 19	2 10	24 52	1 51	21 40	1 28	22 22	0 43	8 43	2 8	18 57	0 16	2 13	1 19	23 23	3 16	2 29	1 50	6 18	8 55	1 3
M 4	15 27	26 28	4 38	22 41	2 14	25 0	1 53	21 37	1 30	22 22	0 43	8 43	2 8	18 57	0 16	2 14	1 19	23 23	3 16	2 26	1 49	6 22	8 54	1 3
T 5	15 46	28 12	5 1	23 1	2 18	25 7	1 56	21 35	1 32	22 22	0 43	8 43	2 8	18 56	0 16	2 14	1 19	23 23	3 16	2 24	1 48	6 25	8 53	1 3
W 6	16 4	28 32	5 10	23 21	2 22	25 13	1 58	21 33	1 34	22 21	0 43	8 44	2 8	18 56	0 16	2 14	1 19	23 23	3 16	2 21	1 46	6 29	8 52	1 3
T 7	16 21	27 19	5 4	23 39	2 26	25 19	2 0	21 30	1 36	22 21	0 43	8 44	2 7	18 55	0 16	2 15	1 19	23 23	3 16	2 19	1 45	6 32	8 51	1 2
F 8	16 39	24 37	4 42	23 56	2 29	25 24	2 2	21 28	1 38	22 21	0 43	8 44	2 7	18 54	0 16	2 15	1 19	23 22	3 16	2 18	1 44	6 35	8 50	1 2
S 9	16 56	20 32	4 4	24 12	2 32	25 28	2 4	21 26	1 40	22 20	0 43	8 44	2 7	18 54	0 16	2 15	1 19	23 22	3 16	2 18	1 43	6 39	8 49	1 2
S 10	17 13	15 17	3 12	24 26	2 34	25 31	2 6	21 24	1 42	22 20	0 43	8 44	2 7	18 53	0 16	2 16	1 19	23 22	3 16	2 18	1 41	6 42	8 48	1 2
M11	17 30	9 7	2 7	24 39	2 37	25 34	2 8	21 23	1 44	22 19	0 43	8 44	2 7	18 53	0 16	2 16	1 19	23 22	3 16	2 18	1 40	6 45	8 47	1 2
T 12	17 46	2 21	0 53	24 51	2 38	25 36	2 10	21 21	1 47	22 19	0 43	8 44	2 7	18 52	0 16	2 16	1 19	23 22	3 16	2 19	1 39	6 49	8 46	1 2
W13	18 2	4n40	0n27	25 1	2 39	25 37	2 11	21 19	1 49	22 18	0 43	8 44	2 6	18 51	0 16	2 17	1 19	23 21	3 16	2 19	1 38	6 52	8 45	1 2
T 14	18 18	11 33	1 45	25 10	2 39	25 38	2 13	21 18	1 51	22 18	0 43	8 44	2 6	18 51	0 16	2 17	1 19	23 21	3 16	2 18	1 36	6 56	8 44	1 2
F 15	18 33	17 48	2 57	25 17	2 39	25 37	2 15	21 16	1 53	22 18	0 42	8 44	2 6	18 50	0 16	2 17	1 19	23 21	3 16	2 17	1 35	6 59	8 44	1 2
S 16	18 48	22 58	3 56	25 23	2 38	25 36	2 16	21 15	1 56	22 17	0 42	8 44	2 6	18 50	0 16	2 18	1 19	23 21	3 16	2 14	1 34	7 2	8 43	1 2
S 17	19 3	26 35	4 38	25 27	2 37	25 35	2 17	21 14	1 58	22 17	0 42	8 44	2 6	18 49	0 16	2 18	1 19	23 21	3 16	2 11	1 33	7 6	8 42	1 1
M18	19 17	28 22	5 2	25 30	2 35	25 32	2 19	21 13	2 0	22 16	0 42	8 44	2 6	18 49	0 16	2 18	1 19	23 20	3 16	2 8	1 31	7 9	8 41	1 1
T 19	19 31	28 14	5 6	25 31	2 31	25 29	2 20	21 12	2 3	22 16	0 42	8 43	2 5	18 48	0 16	2 18	1 19	23 20	3 16	2 5	1 30	7 12	8 40	1 1
W20	19 45	26 24	4 53	25 31	2 27	25 25	2 21	21 12	2 5	22 15	0 42	8 43	2 5	18 47	0 16	2 18	1 19	23 20	3 16	2 2	1 29	7 16	8 39	1 1
T 21	19 58	23 11	4 25	25 29	2 22	25 21	2 22	21 11	2 8	22 14	0 42	8 43	2 5	18 47	0 16	2 19	1 19	23 20	3 16	2 0	1 27	7 19	8 38	1 1
F 22	20 11	18 56	3 44	25 25	2 16	25 15	2 23	21 11	2 10	22 14	0 42	8 42	2 5	18 46	0 16	2 19	1 19	23 19	3 16	1 59	1 26	7 23	8 37	1 1
S 23	20 24	14 1	2 54	25 19	2 8	25 9	2 24	21 11	2 13	22 13	0 42	8 42	2 5	18 46	0 16	2 19	1 19	23 19	3 16	1 59	1 25	7 26	8 37	1 1
S 24	20 36	8 39	1 58	25 12	1 59	25 3	2 24	21 11	2 15	22 13	0 42	8 41	2 5	18 45	0 16	2 19	1 19	23 19	3 16	1 59	1 24	7 29	8 36	1 1
M25	20 48	3 5	0 56	25 3	1 49																			

SWISS EPHEMERIS for the year 2024

DECEMBER 2024

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Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁
S 1	4 41 23	9♁1648	6♁15	20°R35	22♁43	5♁56	17°R11	12♁54	24°R40	27°R 9	0♁14	4°R31	3°Y 8	17♁ 8	19°R23
M 2	4 45 19	10°17'39	18°47	19♁37	23°53	6° 0	17II 3	12°56	24♁38	27♁ 8	0°15	4°Y18	3° 5	17°14	19°Y21
T 3	4 49 16	11°18'31	1♁32	18°31	25° 3	6° 4	16°55	12°58	24°35	27° 8	0°16	4° 6	3° 2	17°21	19°20
W 4	4 53 12	12°19'24	14°28	17°17	26°13	6° 7	16°47	12°59	24°33	27° 8	0°18	3°54	2°59	17°27	19°18
T 5	4 57 9	13°20'18	27°36	15°57	27°23	6° 9	16°39	13° 1	24°31	27° 8	0°19	3°44	2°56	17°34	19°17
F 6	5 1 5	14°21'13	10♁55	14°35	28°33	6°10	16°31	13° 4	24°28	27° 8	0°21	3°37	2°52	17°41	19°16
S 7	5 5 2	15°22'08	24°25	13°12	29°42	6°R10	16°23	13° 6	24°26	27° 8	0°22	3°33	2°49	17°47	19°15
S 8	5 8 58	16°23'04	8♁ 7	11°52	0♁51	6°10	16°14	13° 8	24°24	27°D 8	0°23	3°31	2°46	17°54	19°13
M 9	5 12 55	17°24'01	22° 1	10°37	2° 1	6° 9	16° 6	13°10	24°22	27° 8	0°25	3°D31	2°43	18° 1	19°12
T 10	5 16 52	18°24'58	6°Y 7	9°30	3°10	6° 7	15°58	13°13	24°19	27° 8	0°26	3°R31	2°40	18° 7	19°11
W 11	5 20 48	19°25'56	20°25	8°32	4°19	6° 4	15°50	13°15	24°17	27° 8	0°28	3°30	2°37	18°14	19°10
T 12	5 24 45	20°26'55	4♁53	7°44	5°27	6° 0	15°42	13°18	24°15	27° 8	0°30	3°27	2°33	18°21	19° 9
F 13	5 28 41	21°27'54	19°27	7° 7	6°36	5°56	15°34	13°21	24°13	27° 8	0°31	3°21	2°30	18°27	19° 8
S 14	5 32 38	22°28'54	4II 2	6°42	7°44	5°50	15°26	13°24	24°11	27° 8	0°33	3°12	2°27	18°34	19° 7
S 15	5 36 34	23°29'55	18°30	6°28	8°53	5°44	15°18	13°27	24° 9	27° 9	0°34	3° 1	2°24	18°41	19° 6
M 16	5 40 31	24°30'56	2♁44	6°D24	10° 1	5°37	15°10	13°30	24° 7	27° 9	0°36	2°49	2°21	18°47	19° 5
T 17	5 44 28	25°31'58	16°40	6°30	11° 9	5°29	15° 2	13°33	24° 5	27° 9	0°38	2°36	2°17	18°54	19° 5
W 18	5 48 24	26°33'01	0♁12	6°45	12°16	5°20	14°54	13°36	24° 3	27°10	0°39	2°25	2°14	19° 1	19° 4
T 19	5 52 21	27°34'04	13°19	7° 9	13°24	5°11	14°46	13°40	24° 1	27°10	0°41	2°16	2°11	19° 7	19° 3
F 20	5 56 17	28°35'09	26° 2	7°40	14°31	5° 1	14°38	13°43	23°59	27°10	0°43	2°10	2° 8	19°14	19° 3
S 21	6 0 14	29°36'13	8♁25	8°18	15°39	4°49	14°31	13°47	23°57	27°11	0°44	2° 7	2° 5	19°21	19° 2
S 22	6 4 10	0♁37'19	20°30	9° 2	16°46	4°37	14°23	13°50	23°55	27°11	0°46	2° 6	2° 2	19°27	19° 2
M 23	6 8 7	1°38'26	2♁24	9°51	17°52	4°25	14°15	13°54	23°53	27°12	0°48	2° 6	1°58	19°34	19° 1
T 24	6 12 3	2°39'33	14°12	10°45	18°59	4°11	14° 8	13°58	23°51	27°12	0°50	2° 5	1°55	19°41	19° 1
W 25	6 16 0	3°40'41	26° 0	11°43	20° 5	3°57	14° 1	14° 2	23°49	27°13	0°51	2° 4	1°52	19°47	19° 1
T 26	6 19 57	4°41'49	7II53	12°45	21°11	3°41	13°54	14° 6	23°48	27°14	0°53	2° 0	1°49	19°54	19° 0
F 27	6 23 53	5°42'58	19°55	13°50	22°17	3°25	13°47	14°10	23°46	27°14	0°55	1°54	1°46	20° 0	19° 0
S 28	6 27 50	6°44'08	2♁11	14°58	23°23	3° 9	13°40	14°14	23°44	27°15	0°57	1°45	1°43	20° 7	19° 0
S 29	6 31 46	7°45'18	14°42	16° 9	24°28	2°51	13°33	14°18	23°43	27°16	0°58	1°33	1°39	20°14	19° 0
M 30	6 35 43	8°46'28	27°30	17°21	25°33	2°33	13°26	14°23	23°41	27°16	1° 0	1°19	1°36	20°20	19°D 0
T 31	6 39 39	9♁47'39	10♁35	18♁36	26♁38	2♁14	13II19	14♁27	23♁40	27♁17	1♁ 2	1°Y 6	1°Y33	20♁27	19°Y 0

Day	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁	♁										
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat										
S 1	21s50	25s44	4s27	23s24	0s18	23s56	2s27	21n16	2n33	22n 8	0s41	8s37	2s 3	18n41	0s16	2s20	1s18	23s17	3s16	1n48	1n15	7s53	8n31	1n 0	
M 2	21 59 27 48	4 51 23 1	0n 1	23 44	2 27 21 17	2 36 22 8	0 41	8 36	2 3 18 40	0 16	2 20	1 18 23 17	3 16	1 43	1 14	7 56	8 30	1 0							
T 3	22 8 28 28	5 2 22 35	0 22	23 31	2 26 21 19	2 38 22 7	0 41	8 35	2 3 18 40	0 16	2 20	1 18 23 17	3 16	1 38	1 12	7 59	8 29	1 0							
W 4	22 16 27 34	4 57 22 8	0 42	23 18	2 26 21 21	2 41 22 6	0 41	8 34	2 3 18 39	0 16	2 20	1 18 23 16	3 16	1 33	1 11	8 3	8 29	1 0							
T 5	22 24 25 10	4 37 21 40	1 2	23 4	2 26 21 23	2 44 22 6	0 41	8 34	2 3 18 39	0 16	2 20	1 18 23 16	3 16	1 29	1 10	8 6	8 28	0 59							
F 6	22 31 21 21	4 1 21 12	1 22	22 49	2 25 21 25	2 47 22 5	0 40	8 33	2 3 18 38	0 16	2 20	1 18 23 16	3 16	1 26	1 9	8 9	8 27	0 59							
S 7	22 38 16 23	3 12 20 44	1 40	22 34	2 24 21 28	2 49 22 4	0 40	8 32	2 2 18 38	0 16	2 20	1 18 23 15	3 16	1 25	1 7	8 13	8 27	0 59							
S 8	22 45 10 32	2 10 20 17	1 56	22 18	2 23 21 31	2 52 22 4	0 40	8 31	2 2 18 37	0 16	2 20	1 18 23 15	3 16	1 24	1 6	8 16	8 26	0 59							
M 9	22 50 4 6	1 1 19 53	2 11	22 2	2 22 21 34	2 55 22 3	0 40	8 29	2 2 18 37	0 16	2 20	1 18 23 15	3 16	1 24	1 5	8 19	8 26	0 59							
T 10	22 56 2n39	0n14	19 31	2 23 21 45	2 21 21 37	2 58 22 2	0 40	8 28	2 2 18 36	0 16	2 20	1 18 23 14	3 16	1 24	1 4	8 23	8 25	0 59							
W 11	23 1 9 20	1 28 19 12	2 33	21 27	2 20 21 40	3 0 22 2	0 40	8 27	2 2 18 35	0 16	2 20	1 18 23 14	3 16	1 24	1 2	8 26	8 25	0 59							
T 12	23 6 15 38	2 38 18 57	2 41	21 9	2 19 21 44	3 3 22 1	0 40	8 26	2 2 18 35	0 16	2 20	1 18 23 14	3 16	1 22	1 1	8 29	8 24	0 59							
F 13	23 10 21 5	3 38 18 46	2 47	20 50	2 17 21 48	3 6 22 0	0 39	8 25	2 1 18 34	0 15	2 20	1 18 23 13	3 16	1 20	1 0	8 33	8 24	0 58							
S 14	23 13 25 15	4 23 18 38	2 50	20 31	2 16 21 52	3 9 21 59	0 39	8 24	2 1 18 34	0 15	2 20	1 18 23 13	3 16	1 17	0 58	8 36	8 23	0 58							
S 15	23 17 27 46	4 51 18 34	2 52	20 12	2 14 21 56	3 12 21 59	0 39	8 22	2 1 18 33	0 15	2 19	1 18 23 13	3 16	1 12	0 57	8 39	8 23	0 58							
M 16	23 19 28 25	5 0 18 34	2 52	19 52	2 12 22 0	3 14 21 58	0 39	8 21	2 1 18 33	0 15	2 19	1 18 23 12	3 16	1 7	0 56	8 43	8 22	0 58							
T 17	23 22 27 13	4 52 18 36	2 50	19 31	2 10 22 5	3 17 21 57	0 39	8 20	2 1 18 32	0 15	2 19	1 18 23 12	3 16	1 2	0 55	8 46	8 22	0 58							
W 18	23 24 24 27	4 26 18 41	2 47	19 10	2 8 22 10	3 20 21 57	0 39	8 18	2 1 18 32	0 15	2 19	1 18 23 12	3 16	0 58	0 53	8 49	8 21	0 58							
T 19	23 25 20 27	3 48 18 49	2 43	18 49	2 6 22 15	3 23 21 56	0 38	8 17	2 1 18 32	0 15	2 19	1 18 23 11	3 16	0 54	0 52	8 53	8 21	0 58							
F 20	23 26 15 38	2 58 18 59	2 38	18 27	2 4 22 20	3 25 21 55	0 38	8 15	2 0 18 31	0 15	2 19	1 18 23 11	3 16	0 52	0 51	8 56	8 21	0 58							
S 21	23 26 10 18	2 2 19 11	2 33	18 4	2 1 22 25	3 28 21 54	0 38	8 14	2 0 18 31	0 15	2 18	1 18 23 11	3 16	0 51	0 50	8 59	8 20	0 57							
S 22	23 26 4 42	1 1 19 24	2 26	17 42	1 59 22 31	3 31 21 54	0 38	8 12	2 0 18 30	0 15	2 18	1 17 23 10	3 16	0 50	0 48	9 3	8 20	0 57							
M 23	23 26 0s59	0s 2	19 38	2 19 17 19	1 56 22 36	3 33 21 53	0 38	8 11	2 0 18 30	0 15	2 18	1 17 23 10	3 16	0 50	0 47	9 6	8 20	0 57							
T 24	23 25 6 35	1 4 19 53	2 12	16 55	1 53 22 42	3 36 21 52	0 38	8 9	2 0 18 29	0 15	2 18	1 17 23 10	3 16	0 50	0 46	9 9	8 20	0 57							
W 25	23 23 11 57	2 3 20 8	2 3 20 8	2 5 16 31	1 50 22 48	3 38 21 52	0 37	8 7	2 0 18 29	0 15	2 17	1 17 23 9	3 16	0 49	0 45	9 12	8 19	0 57							
T 26	23 21 16 56	2 57 20 24	1 57	16 7	1 47 22 54	3 41 21 51	0 37	8 6	1 59 18 28	0 15	2 17	1 17 23 9	3 16	0 48	0 43	9 16	8 19	0 57							
F 27	23 19 21 19	3 44 20 40	1 49	15 43	1 43 23 0	3 43 21 50	0 37	8 4	1 59 18 28	0 15	2 17	1 17 23 9	3 16	0 45	0 42	9 19	8 19	0 57							
S 28	23 16 24 52	4 22 20 56	1 40	15 18	1 40 23 7	3 46 21 50	0 37	8 2	1 59 18 28	0 15	2 17	1 17 23 8	3 16	0 42	0 41	9 22	8 19	0 57							
S 29	23 13 27 19	4 47 21 11	1 32	14																					