

SWISS EPHEMERIS for the year 1491

JANUARY 1491 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
S 1	7 16 30	19♌3759	16♍29	25♎40	6♏17	11♐6	26♑5	28♒12	19♓39	25♔52	1♕55	10♖27	9♗11	13♘13	23♙57
S 2	7 20 26	20°39'05	29°35	26°34	7°21	11° 7	26♑3	28°19	19°43	25°54	1°56	10♖23	9° 8	13°20	23°58
M 3	7 24 23	21°40'10	12♌58	27°31	8°25	11°R 7	26° 1	28°26	19°46	25°56	1°57	10°21	9° 5	13°26	23°58
T 4	7 28 19	22°41'15	26°37	28°31	9°29	11° 7	25°59	28°33	19°50	25°58	1°58	10°D20	9° 1	13°33	23°59
W 5	7 32 16	23°42'20	10♌35	29°34	10°33	11° 5	25°58	28°40	19°53	26° 0	1°59	10°21	8°58	13°40	23°59
T 6	7 36 13	24°43'24	24°50	0♌40	11°36	11° 3	25°57	28°47	19°57	26° 2	1°59	10°23	8°55	13°46	24° 0
F 7	7 40 9	25°44'28	9♌23	1°48	12°39	11° 0	25°56	28°54	20° 1	26° 4	2° 0	10°R23	8°52	13°53	24° 1
S 8	7 44 6	26°45'31	24° 8	2°58	13°41	10°56	25°55	29° 1	20° 4	26° 6	2° 1	10°23	8°49	14° 0	24° 1
S 9	7 48 2	27°46'34	9♌0	4°10	14°43	10°52	25°54	29° 9	20° 8	26° 8	2° 1	10°20	8°45	14° 6	24° 2
M10	7 51 59	28°47'35	23°53	5°24	15°45	10°47	25°54	29°16	20°11	26°10	2° 2	10°14	8°42	14°13	24° 3
T 11	7 55 55	29°48'36	8♌37	6°39	16°46	10°40	25°D54	29°23	20°15	26°12	2° 2	10° 7	8°39	14°20	24° 4
W12	7 59 52	0♌49'36	23° 4	7°56	17°47	10°33	25°54	29°30	20°18	26°14	2° 3	9°59	8°36	14°26	24° 5
T 13	8 3 48	1°50'35	7♌9	9°14	18°48	10°26	25°54	29°37	20°22	26°16	2° 3	9°50	8°33	14°33	24° 6
F 14	8 7 45	2°51'32	20°47	10°34	19°48	10°17	25°54	29°44	20°25	26°18	2° 4	9°42	8°30	14°39	24° 7
S 15	8 11 42	3°52'29	3♌58	11°55	20°47	10° 8	25°55	29°51	20°29	26°20	2° 4	9°36	8°26	14°46	24° 9
S 16	8 15 38	4°53'24	16°43	13°17	21°46	9°58	25°56	29°59	20°32	26°22	2° 5	9°32	8°23	14°53	24°10
M17	8 19 35	5°54'17	29° 7	14°40	22°45	9°47	25°57	0♌6	20°36	26°24	2° 5	9°30	8°20	14°59	24°11
T 18	8 23 31	6°55'09	11♌13	16° 4	23°43	9°35	25°58	0°13	20°39	26°26	2° 5	9°D29	8°17	15° 6	24°12
W19	8 27 28	7°56'00	23° 7	17°29	24°41	9°23	25°59	0°20	20°42	26°28	2° 5	9°30	8°14	15°13	24°14
T 20	8 31 24	8°56'50	4♌55	18°55	25°38	9°10	26° 1	0°27	20°46	26°29	2° 6	9°R31	8°11	15°19	24°15
F 21	8 35 21	9°57'37	16°42	20°22	26°34	8°56	26° 3	0°34	20°49	26°31	2° 6	9°31	8° 7	15°26	24°17
S 22	8 39 17	10°58'24	28°32	21°50	27°30	8°41	26° 5	0°41	20°53	26°33	2° 6	9°29	8° 4	15°33	24°19
S 23	8 43 14	11°59'09	10♌29	23°19	28°25	8°26	26° 7	0°48	20°56	26°35	2° 6	9°24	8° 1	15°39	24°20
M24	8 47 11	12°59'52	22°37	24°49	29°20	8°10	26°10	0°55	20°59	26°36	2° 6	9°17	7°58	15°46	24°22
T 25	8 51 7	14° 0'34	4♌57	26°19	0♌14	7°53	26°12	1° 2	21° 3	26°38	2° 6	9° 7	7°55	15°53	24°24
W26	8 55 4	15° 1'15	17°31	27°51	1° 7	7°36	26°15	1° 9	21° 6	26°40	2°R 6	8°56	7°51	15°59	24°25
T 27	8 59 0	16° 1'54	0♌19	29°23	2° 0	7°17	26°18	1°16	21° 9	26°41	2° 6	8°43	7°48	16° 6	24°27
F 28	9 2 57	17° 2'32	13°20	0♌56	2°51	6°59	26°21	1°23	21°13	26°43	2° 6	8°31	7°45	16°12	24°29
S 29	9 6 53	18° 3'08	26°32	2°30	3°42	6°40	26°25	1°30	21°16	26°45	2° 6	8°21	7°42	16°19	24°31
S 30	9 10 50	19° 3'43	9♌56	4° 5	4°33	6°20	26°28	1°37	21°19	26°46	2° 6	8°13	7°39	16°26	24°33
MB1	9 14 46	20° 4'17	23♌30	5♌41	5♌22	5♌59	26°D32	1°44	21°22	26°48	2♌6	8° 7	7°36	16°32	24°35

Day	☉		☽		♀		♂		♂		♂		♂		♂		♂		♂					
	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat				
S 1	22s 4	0n36	5s 9	21s37	1n49	9s55	0s44	10n44	3n35	18n35	0s46	20s58	0s24	22s31	0s27	22s17	1n10	3n14	16n24	22s 5	21s53	22n 5	9n10	0s10
S 2	21 55	4s19	4 53	21 48	1 40	9 26	0 39	10 45	3 37	18 35	0 46	20 56	0 24	22 30	0 27	22 17	1 10	3 15	16 24	22 4	21 53	22 5	9 10	0 10
M 3	21 45	9 9	4 22	21 59	1 30	8 57	0 34	10 47	3 39	18 34	0 46	20 55	0 24	22 30	0 27	22 17	1 10	3 15	16 25	22 4	21 52	22 5	9 10	0 10
T 4	21 35	13 38	3 35	22 9	1 20	8 29	0 29	10 49	3 41	18 34	0 45	20 54	0 24	22 29	0 27	22 17	1 10	3 15	16 25	22 4	21 52	22 5	9 10	0 10
W 5	21 25	17 29	2 35	22 19	1 11	8 0	0 23	10 51	3 43	18 34	0 45	20 52	0 24	22 29	0 27	22 17	1 10	3 15	16 26	22 4	21 51	22 5	9 11	0 10
T 6	21 14	20 23	1 23	22 29	1 1	7 31	0 18	10 54	3 45	18 34	0 45	20 51	0 24	22 28	0 27	22 17	1 10	3 15	16 26	22 4	21 51	22 5	9 11	0 10
F 7	21 3	22 0	0 5	22 38	0 52	7 2	0 12	10 57	3 47	18 34	0 45	20 49	0 24	22 27	0 27	22 17	1 10	3 16	16 27	22 4	21 50	22 5	9 11	0 10
S 8	20 52	22 9	1n14	22 46	0 43	6 32	0 7	11 0	3 48	18 34	0 44	20 48	0 24	22 27	0 27	22 17	1 10	3 16	16 27	22 4	21 50	22 5	9 11	0 10
S 9	20 40	20 44	2 28	22 53	0 33	6 3	0 1	11 4	3 50	18 34	0 44	20 47	0 24	22 26	0 27	22 17	1 10	3 16	16 28	22 3	21 49	22 5	9 11	0 10
M10	20 27	17 54	3 33	22 59	0 24	5 34	0n 5	11 7	3 52	18 34	0 44	20 45	0 24	22 26	0 27	22 17	1 10	3 17	16 28	22 3	21 49	22 5	9 12	0 10
T 11	20 15	13 56	4 22	23 5	0 16	5 4	0 11	11 12	3 54	18 35	0 44	20 44	0 24	22 25	0 27	22 17	1 10	3 17	16 29	22 2	21 48	22 4	9 12	0 10
W12	20 2	9 14	4 54	23 9	0 7	4 35	0 17	11 16	3 56	18 35	0 43	20 42	0 24	22 25	0 27	22 17	1 10	3 17	16 29	22 0	21 48	22 4	9 12	0 10
T 13	19 48	4 10	5 7	23 12	0s 1	4 5	0 23	11 21	3 58	18 35	0 43	20 41	0 24	22 24	0 27	22 17	1 10	3 18	16 30	21 59	21 47	22 4	9 13	0 10
F 14	19 34	0n57	5 1	23 14	0 10	3 36	0 30	11 25	4 0	18 36	0 43	20 40	0 24	22 24	0 27	22 17	1 10	3 18	16 30	21 58	21 47	22 4	9 13	0 11
S 15	19 20	5 52	4 40	23 16	0 18	3 7	0 36	11 31	4 1	18 36	0 43	20 38	0 25	22 23	0 27	22 18	1 10	3 18	16 31	21 57	21 46	22 4	9 13	0 11
S 16	19 6	10 21	4 5	23 16	0 25	2 37	0 43	11 36	4 3	18 36	0 42	20 37	0 25	22 23	0 27	22 18	1 10	3 19	16 31	21 56	21 46	22 4	9 14	0 11
M17	18 51	14 18	3 20	23 14	0 33	2 8	0 49	11 42	4 5	18 37	0 42	20 35	0 25	22 22	0 27	22 18	1 10	3 19	16 32	21 56	21 45	22 4	9 14	0 11
T 18	18 36	17 33	2 26	23 12	0 40	1 39	0 56	11 48	4 6	18 37	0 42	20 34	0 25	22 22	0 27	22 18	1 10	3 20	16 33	21 56	21 45	22 4	9 15	0 11
W19	18 20	20 0	1 27	23 8	0 47	1 9	1 3	11 54	4 8	18 38	0 42	20 32	0 25	22 21	0 27	22 18	1 10	3 20	16 33	21 56	21 44	22 3	9 15	0 11
T 20	18 4	21 35	0 25	23 3	0 54	0 40	1 10	12 0	4 10	18 39	0 41	20 31	0 25	22 21	0 27	22 18	1 10	3 20	16 34	21 56	21 44	22 3	9 16	0 11
F 21	17 48	22 12	0s38	22 57	1 1	0 11	1 17	12 7	4 11	18 39	0 41	20 29	0 25	22 20	0 27	22 18	1 10	3 21	16 34	21 56	21 43	22 3	9 16	0 11
S 22	17 31	21 50	1 40	22 50	1 7	0n18	1 25	12 14	4 12	18 40	0 41	20 28	0 25	22 20	0 27	22 18	1 10	3 21	16 35	21 56	21 43	22 3	9 17	0 11
S 23	17 15	20 28	2 38	22 41	1 13	0 47	1 32	12 21	4 14	18 41	0 41	20 26	0 25	22 19	0 27	22 18	1 10	3 22	16 35	21 55	21 42	22 3	9 17	0 11
M24	16 58	18 10	3 29	22 31	1 19	1 15	1 39	12 28	4 15	18 42	0 40	20 25	0 25	22 19	0 27	22 18	1 10	3 22	16 36	21 54	21 42	22 3	9 18	0 11
T 25	16 40	15 1	4 11	22 19	1 24	1 44	1 47	12 36	4 16	18 42	0 40	20 24	0 25	22 18	0 27	22 18	1 10	3 23	16 36	21 53	21 41	22 3	9 18	0 11
W26	16 22	11 9	4 42	22 7	1 29	2 12	1 55	12 43	4 17	18 43	0 40	20 22	0 25	22 18	0 28	22 18	1 10	3 23	16 37	21 51	21 41	22 2	9 19	0 11
T 27	16 4	6 43	4 59	21 52	1 34	2 40	2 3	12 51	4 19	18 44	0 40	20 21	0 25	22 17	0 28	22 18	1 10	3 24	16 37	21 49	21 40	22 2	9 20	0 12
F 28	15 46	1 56	5 1	21 37	1 39	3 8	2 10	12 59	4 20	18 45	0 39	20 19	0 26	22 17	0 28	22 18	1 10	3 24	16 38	21 47	21 40	22 2	9 20	0 12
S 29	15 28	3s 1	4 47																					

SWISS EPHEMERIS for the year 1491

FEBRUARY 1491 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁
T 1	9 18 43	21 [♈] 4'49	7 [♌] 13	7 [♋] 17	6 [♊] 11	5 [♈] R38	26 [♁] 36	1 [♈] 51	21 [♁] 26	26 [♁] 49	2 [♁] R 5	8 [♁] R 5	7 [♁] 32	16 [♁] 39	24 [♁] 37
W 2	9 22 40	22 [♈] 5'21	21 [♈] 7	8 [♈] 55	6 [♈] 58	5 [♈] 17	26 [♁] 40	1 [♈] 58	21 [♁] 29	26 [♁] 51	2 [♁] M 5	8 [♁] D 4	7 [♁] 29	16 [♁] 46	24 [♁] 40
T 3	9 26 36	23 [♈] 5'51	5 [♈] 10	10 [♈] 33	7 [♈] 45	4 [♈] 55	26 [♁] 44	2 [♈] 5	21 [♁] 32	26 [♁] 52	2 [♈] 5	8 [♁] R 4	7 [♁] 26	16 [♁] 52	24 [♁] 42
F 4	9 30 33	24 [♈] 6'20	19 [♈] 23	12 [♈] 13	8 [♈] 31	4 [♈] 33	26 [♁] 49	2 [♈] 12	21 [♁] 35	26 [♁] 54	2 [♈] 5	8 [♁] 4	7 [♁] 23	16 [♁] 59	24 [♁] 44
S 5	9 34 29	25 [♈] 6'47	3 [♈] 44	13 [♈] 53	9 [♈] 16	4 [♈] 11	26 [♁] 54	2 [♈] 18	21 [♁] 38	26 [♁] 55	2 [♈] 4	8 [♁] 2	7 [♁] 20	17 [♈] 6	24 [♁] 46
S 6	9 38 26	26 [♈] 7'13	18 [♈] 10	15 [♈] 34	10 [♈] 0	3 [♈] 48	26 [♁] 58	2 [♈] 25	21 [♁] 41	26 [♁] 56	2 [♈] 4	7 [♁] 57	7 [♁] 17	17 [♈] 12	24 [♁] 49
M 7	9 42 22	27 [♈] 7'38	2 [♈] 37	17 [♈] 17	10 [♈] 43	3 [♈] 25	27 [♁] 3	2 [♈] 32	21 [♁] 44	26 [♁] 58	2 [♈] 3	7 [♁] 49	7 [♁] 13	17 [♈] 19	24 [♁] 51
T 8	9 46 19	28 [♈] 8'01	16 [♈] 59	19 [♈] 0	11 [♈] 24	3 [♈] 1	27 [♁] 9	2 [♈] 39	21 [♁] 47	26 [♁] 59	2 [♈] 3	7 [♁] 39	7 [♁] 10	17 [♈] 26	24 [♁] 54
W 9	9 50 15	29 [♈] 8'22	1 [♈] 10	20 [♈] 44	12 [♈] 5	2 [♈] 38	27 [♁] 14	2 [♈] 45	21 [♁] 50	27 [♁] 0	2 [♈] 2	7 [♁] 27	7 [♁] 7	17 [♈] 32	24 [♁] 56
T 10	9 54 12	0 [♈] 8'42	15 [♈] 4	22 [♈] 29	12 [♈] 44	2 [♈] 14	27 [♁] 19	2 [♈] 52	21 [♁] 53	27 [♁] 2	2 [♈] 2	7 [♁] 14	7 [♁] 4	17 [♈] 39	24 [♁] 59
F 11	9 58 9	1 [♈] 8'59	28 [♈] 36	24 [♈] 15	13 [♈] 22	1 [♈] 50	27 [♁] 25	2 [♈] 59	21 [♁] 56	27 [♁] 3	2 [♈] 1	7 [♁] 2	7 [♁] 1	17 [♈] 46	25 [♈] 1
S 12	10 2 5	2 [♈] 9'15	11 [♈] 46	26 [♈] 2	13 [♈] 59	1 [♈] 26	27 [♁] 31	3 [♈] 5	21 [♁] 59	27 [♁] 4	2 [♈] 1	6 [♁] 52	6 [♁] 57	17 [♈] 52	25 [♈] 4
S 13	10 6 2	3 [♈] 9'29	24 [♈] 32	27 [♈] 51	14 [♈] 34	1 [♈] 2	27 [♁] 37	3 [♈] 12	22 [♈] 2	27 [♁] 5	2 [♈] 0	6 [♁] 45	6 [♁] 54	17 [♈] 59	25 [♈] 7
M14	10 9 58	4 [♈] 9'40	6 [♈] 57	29 [♈] 40	15 [♈] 8	0 [♈] 39	27 [♁] 43	3 [♈] 18	22 [♈] 5	27 [♁] 6	2 [♈] 0	6 [♁] 40	6 [♁] 51	18 [♈] 5	25 [♈] 9
T 15	10 13 55	5 [♈] 9'50	19 [♈] 6	1 [♈] 30	15 [♈] 41	0 [♈] 15	27 [♁] 50	3 [♈] 25	22 [♈] 8	27 [♁] 8	1 [♈] 59	6 [♁] 38	6 [♁] 48	18 [♈] 12	25 [♈] 12
W16	10 17 51	6 [♈] 9'57	1 [♈] 2	3 [♈] 22	16 [♈] 12	29 [♈] 51	27 [♁] 56	3 [♈] 31	22 [♈] 11	27 [♁] 9	1 [♈] 58	6 [♁] 37	6 [♁] 45	18 [♈] 19	25 [♈] 15
T 17	10 21 48	7 [♈] 10'03	12 [♈] 51	5 [♈] 14	16 [♈] 42	29 [♈] 28	28 [♁] 3	3 [♈] 37	22 [♈] 13	27 [♁] 10	1 [♈] 57	6 [♁] 37	6 [♁] 42	18 [♈] 25	25 [♈] 18
F 18	10 25 44	8 [♈] 10'06	24 [♈] 38	7 [♈] 7	17 [♈] 9	29 [♈] 5	28 [♁] 10	3 [♈] 44	22 [♈] 16	27 [♁] 11	1 [♈] 57	6 [♁] 36	6 [♁] 38	18 [♈] 32	25 [♈] 21
S 19	10 29 41	9 [♈] 10'07	6 [♈] 30	9 [♈] 1	17 [♈] 36	28 [♈] 42	28 [♁] 17	3 [♈] 50	22 [♈] 19	27 [♁] 12	1 [♈] 56	6 [♁] 34	6 [♁] 35	18 [♈] 39	25 [♈] 24
S 20	10 33 37	10 [♈] 10'06	18 [♈] 31	10 [♈] 57	18 [♈] 0	28 [♈] 20	28 [♁] 24	3 [♈] 56	22 [♈] 21	27 [♁] 13	1 [♈] 55	6 [♁] 29	6 [♁] 32	18 [♈] 45	25 [♈] 27
M21	10 37 34	11 [♈] 10'03	0 [♈] 46	12 [♈] 53	18 [♈] 23	27 [♈] 57	28 [♁] 31	4 [♈] 2	22 [♈] 24	27 [♁] 14	1 [♈] 54	6 [♁] 22	6 [♁] 29	18 [♈] 52	25 [♈] 30
T 22	10 41 31	12 [♈] 9'58	13 [♈] 16	14 [♈] 49	18 [♈] 43	27 [♈] 36	28 [♁] 39	4 [♈] 9	22 [♈] 27	27 [♁] 15	1 [♈] 53	6 [♁] 12	6 [♁] 26	18 [♈] 59	25 [♈] 33
W23	10 45 27	13 [♈] 9'50	26 [♈] 5	16 [♈] 47	19 [♈] 2	27 [♈] 14	28 [♁] 46	4 [♈] 15	22 [♈] 29	27 [♁] 15	1 [♈] 52	6 [♁] 0	6 [♁] 22	19 [♈] 5	25 [♈] 36
T 24	10 49 24	14 [♈] 9'41	9 [♈] 11	18 [♈] 45	19 [♈] 19	26 [♈] 53	28 [♁] 54	4 [♈] 21	22 [♈] 32	27 [♁] 16	1 [♈] 51	5 [♁] 47	6 [♁] 19	19 [♈] 12	25 [♈] 39
F 25	10 53 20	15 [♈] 9'29	22 [♈] 34	20 [♈] 43	19 [♈] 33	26 [♈] 33	29 [♁] 2	4 [♈] 27	22 [♈] 34	27 [♁] 17	1 [♈] 50	5 [♁] 34	6 [♁] 16	19 [♈] 19	25 [♈] 42
S 26	10 57 17	16 [♈] 9'16	6 [♈] 12	22 [♈] 42	19 [♈] 46	26 [♈] 13	29 [♁] 10	4 [♈] 33	22 [♈] 37	27 [♁] 18	1 [♈] 49	5 [♁] 23	6 [♁] 13	19 [♈] 25	25 [♈] 45
S 27	11 1 13	17 [♈] 9'00	20 [♈] 0	24 [♈] 40	19 [♈] 56	25 [♈] 54	29 [♁] 18	4 [♈] 39	22 [♈] 39	27 [♁] 19	1 [♈] 48	5 [♁] 14	6 [♁] 10	19 [♈] 32	25 [♈] 49
M28	11 5 10	18 [♈] 8'43	3 [♈] 56	26 [♈] 39	20 [♈] 4	25 [♈] 35	29 [♁] 26	4 [♈] 44	22 [♈] 41	27 [♁] 19	1 [♈] 47	5 [♁] 8	6 [♁] 7	19 [♈] 39	25 [♈] 52

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	14s31	16s25	2s36	20s20	1s54	4n57	2n43	13n32	4n23	18n50	0s38	20s13	0s26	22s15	0s28	22s18	1n10	3n26	16n40	21s43	21s38	22n 1	9n23	0s12
W 2	14 11	19 31	1 29	19 57	1 57	5 24	2 52	13 41	4 23	18 51	0 38	20 12	0 26	22 14	0 28	22 18	1 10	3 27	16 40	21 43	21 37	22 1	9 24	0 12
T 3	13 51	21 28	0 15	19 33	1 59	5 50	3 0	13 49	4 24	18 52	0 38	20 10	0 26	22 14	0 28	22 18	1 10	3 28	16 41	21 43	21 37	22 1	9 24	0 12
F 4	13 31	22 5	1n 0	19 8	2 2	6 16	3 9	13 58	4 24	18 53	0 38	20 9	0 26	22 13	0 28	22 18	1 10	3 28	16 41	21 43	21 36	22 1	9 25	0 12
S 5	13 11	21 16	2 12	18 40	2 3	6 42	3 17	14 6	4 24	18 55	0 37	20 7	0 26	22 13	0 28	22 18	1 10	3 29	16 42	21 42	21 36	22 0	9 26	0 12
S 6	12 51	19 2	3 15	18 12	2 5	7 7	3 26	14 15	4 25	18 56	0 37	20 6	0 26	22 12	0 28	22 18	1 10	3 29	16 43	21 42	21 35	22 0	9 27	0 12
M 7	12 30	15 37	4 7	17 42	2 6	7 32	3 35	14 23	4 25	18 57	0 37	20 5	0 26	22 12	0 28	22 18	1 10	3 30	16 43	21 40	21 34	22 0	9 28	0 12
T 8	12 9	11 18	4 42	17 10	2 7	7 57	3 44	14 32	4 25	18 59	0 37	20 3	0 26	22 12	0 28	22 18	1 10	3 31	16 43	21 39	21 34	22 0	9 28	0 12
W 9	11 48	6 26	4 59	16 37	2 7	8 21	3 53	14 40	4 25	19 0	0 37	20 2	0 27	22 11	0 28	22 18	1 10	3 31	16 44	21 37	21 33	21 59	9 29	0 12
T 10	11 27	1 19	4 58	16 3	2 7	8 45	4 1	14 49	4 24	19 2	0 36	20 0	0 27	22 11	0 28	22 18	1 10	3 32	16 44	21 35	21 33	21 59	9 30	0 12
F 11	11 6	3n43	4 40	15 27	2 6	9 8	4 11	14 57	4 24	19 3	0 36	19 59	0 27	22 10	0 28	22 18	1 10	3 32	16 45	21 33	21 32	21 59	9 31	0 13
S 12	10 44	8 27	4 7	14 50	2 5	9 31	4 20	15 5	4 24	19 5	0 36	19 57	0 27	22 10	0 28	22 18	1 10	3 33	16 45	21 31	21 32	21 59	9 32	0 13
S 13	10 22	12 41	3 23	14 11	2 3	9 53	4 29	15 13	4 23	19 6	0 36	19 56	0 27	22 9	0 28	22 18	1 10	3 34	16 46	21 30	21 31	21 58	9 33	0 13
M14	10 1 16	14 2	2 30	13 30	2 1	10 15	4 38	15 21	4 22	19 8	0 35	19 55	0 27	22 9	0 28	22 18	1 10	3 34	16 46	21 29	21 31	21 58	9 34	0 13
T 15	9 39	19 1	1 32	12 49	1 58	10 36	4 47	15 29	4 21	19 10	0 35	19 53	0 27	22 8	0 28	22 18	1 10	3 35	16 47	21 29	21 30	21 58	9 35	0 13
W16	9 16	20 54	0 30	12 5	1 55	10 56	4 56	15 37	4 21	19 11	0 35	19 52	0 27	22 8	0 28	22 18	1 10	3 36	16 47	21 28	21 30	21 58	9 36	0 13
T 17	8 54	21 51	0s33	11 21	1 52	11 16	5 5	15 44	4 20	19 13	0 35	19 50	0 27	22 8	0 28	22 18	1 10	3 36	16 48	21 28	21 29	21 57	9 37	0 13
F 18	8 32	21 50	1 34	10 35	1 47	11 36	5 15	15 51	4 19	19														

SWISS EPHEMERIS for the year 1491

MARCH 1491 JC

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Day	Sid.t	☉	☽	♀	♂	♃	♄	♅	♆	♇	♁	♂	♁	♃	♄
T 1	11 9 6	19♂ 8'24	17♂ 58	28♂ 37	20♀ 10	25°R17	29♂ 35	4♂ 50	22♂ 44	27♂ 20	1°R46	5°R 5	6♂ 3	19♂ 45	25♀ 55
W 2	11 13 3	20° 8'04	2♂ 7	0♀ 34	20° 13	24♂ 59	29° 43	4° 56	22° 46	27° 21	1♂ 45	5°D 4	6° 0	19° 52	25° 58
T 3	11 17 0	21° 7'41	1♂ 2	2° 30	20°R14	24° 42	29° 52	5° 2	22° 48	27° 21	1° 44	5°R 4	5° 07	19° 59	26° 2
F 4	11 20 56	22° 7'17	0♂ 13	4° 25	20° 13	24° 26	0♂ 1	5° 7	22° 51	27° 22	1° 43	5♂ 4	5° 54	20° 5	26° 5
S 5	11 24 53	23° 6'52	14° 19	6° 17	20° 9	24° 11	0° 9	5° 13	22° 53	27° 23	1° 41	5° 2	5° 51	20° 12	26° 8
S 6	11 28 49	24° 6'24	28° 24	8° 8	20° 3	23° 56	0° 19	5° 18	22° 55	27° 23	1° 40	4° 58	5° 48	20° 18	26° 12
M 7	11 32 46	25° 5'55	12♂ 25	9° 55	19° 54	23° 42	0° 28	5° 24	22° 57	27° 24	1° 39	4° 51	5° 44	20° 25	26° 15
T 8	11 36 42	26° 5'23	26° 19	11° 40	19° 43	23° 29	0° 37	5° 29	22° 59	27° 24	1° 38	4° 42	5° 41	20° 32	26° 19
W 9	11 40 39	27° 4'50	10♂ 4	13° 21	19° 29	23° 16	0° 46	5° 35	23° 1	27° 24	1° 36	4° 31	5° 38	20° 38	26° 22
T 10	11 44 35	28° 4'15	23° 35	14° 57	19° 13	23° 4	0° 56	5° 40	23° 3	27° 25	1° 35	4° 20	5° 35	20° 45	26° 26
F 11	11 48 32	29° 3'38	6♀ 50	16° 30	18° 55	22° 53	1° 6	5° 45	23° 5	27° 25	1° 34	4° 9	5° 32	20° 52	26° 29
S 12	11 52 29	0♀ 2'58	19° 47	17° 57	18° 34	22° 43	1° 15	5° 50	23° 7	27° 25	1° 32	4° 0	5° 28	20° 58	26° 33
S 13	11 56 25	1° 2'17	2♂ 25	19° 19	18° 10	22° 33	1° 25	5° 55	23° 9	27° 26	1° 31	3° 53	5° 25	21° 5	26° 37
M14	12 0 22	2° 1'33	14° 47	20° 36	17° 45	22° 25	1° 35	6° 0	23° 10	27° 26	1° 30	3° 48	5° 22	21° 12	26° 40
T 15	12 4 18	3° 0'47	26° 53	21° 47	17° 18	22° 17	1° 45	6° 5	23° 12	27° 26	1° 28	3° 46	5° 19	21° 18	26° 44
W16	12 8 15	3° 59'59	8♂ 49	22° 51	16° 48	22° 10	1° 55	6° 10	23° 14	27° 26	1° 27	3°D46	5° 16	21° 25	26° 48
T 17	12 12 11	4° 59'08	20° 39	23° 50	16° 17	22° 3	2° 6	6° 15	23° 16	27° 27	1° 25	3° 47	5° 13	21° 32	26° 51
F 18	12 16 8	5° 58'16	2♂ 27	24° 42	15° 44	21° 58	2° 16	6° 20	23° 17	27° 27	1° 24	3°R48	5° 9	21° 38	26° 55
S 19	12 20 4	6° 57'21	14° 20	25° 27	15° 10	21° 53	2° 27	6° 24	23° 19	27° 27	1° 22	3° 48	5° 6	21° 45	26° 59
S 20	12 24 1	7° 56'23	26° 22	26° 5	14° 35	21° 49	2° 37	6° 29	23° 20	27° 27	1° 21	3° 46	5° 3	21° 52	27° 2
M21	12 27 58	8° 55'23	8♂ 39	26° 37	13° 58	21° 46	2° 48	6° 33	23° 22	27°R27	1° 19	3° 42	5° 0	21° 58	27° 6
T 22	12 31 54	9° 54'21	21° 14	27° 2	13° 21	21° 44	2° 59	6° 38	23° 23	27° 27	1° 18	3° 35	4° 57	22° 5	27° 10
W23	12 35 51	10° 53'17	4♂ 10	27° 19	12° 43	21° 42	3° 9	6° 42	23° 25	27° 27	1° 16	3° 28	4° 53	22° 11	27° 14
T 24	12 39 47	11° 52'10	17° 28	27° 30	12° 5	21° 41	3° 20	6° 47	23° 26	27° 27	1° 15	3° 19	4° 50	22° 18	27° 18
F 25	12 43 44	12° 51'01	1♂ 9	27°R35	11° 27	21°D41	3° 31	6° 51	23° 27	27° 27	1° 13	3° 10	4° 47	22° 25	27° 21
S 26	12 47 40	13° 49'51	15° 8	27° 32	10° 50	21° 42	3° 43	6° 55	23° 28	27° 26	1° 11	3° 3	4° 44	22° 31	27° 25
S 27	12 51 37	14° 48'38	29° 21	27° 24	10° 13	21° 43	3° 54	6° 59	23° 30	27° 26	1° 10	2° 57	4° 41	22° 38	27° 29
M28	12 55 33	15° 47'23	13♂ 44	27° 10	9° 36	21° 45	4° 5	7° 3	23° 31	27° 26	1° 8	2° 53	4° 38	22° 45	27° 33
T 29	12 59 30	16° 46'06	28° 10	26° 50	9° 1	21° 48	4° 17	7° 7	23° 32	27° 26	1° 7	2°D51	4° 34	22° 51	27° 37
W30	13 3 26	17° 44'48	12♂ 36	26° 25	8° 26	21° 51	4° 28	7° 11	23° 33	27° 26	1° 5	2° 52	4° 31	22° 58	27° 41
T 31	13 7 23	18° 43'28	26♂ 57	25° 55	7° 53	21° 55	4° 40	7° 15	23° 34	27° 25	1♂ 3	2° 53	4° 28	23° 5	27° 45

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	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat									
T 1	4s19	18s40	1s29	0s55	0s24	14n14	6n51	16n54	4n 1	19n35	0s32	19s34	0s29	22s 3	0s28	22s18	1n11	3n45	16n53	21s12	21s23	21n53	9n49	0s14
W 2	3 55	20 53	0 16	0n 1	0 13	14 22	6 58	16 59	3 59	19 37	0 32	19 33	0 29	22 2	0 28	22 18	1 11	3 45	16 53	21 12	21 22	21 53	9 51	0 14
T 3	3 32	21 49	0n58	0 58	0 2	14 29	7 6	17 2	3 57	19 39	0 32	19 32	0 29	22 2	0 28	22 18	1 11	3 46	16 53	21 12	21 22	21 53	9 52	0 14
F 4	3 8	21 21	2 9	1 54	0n10	14 36	7 13	17 6	3 55	19 41	0 32	19 30	0 29	22 2	0 28	22 18	1 11	3 47	16 54	21 12	21 21	21 52	9 53	0 14
S 5	2 44	19 33	3 12	2 50	0 21	14 40	7 20	17 9	3 53	19 44	0 32	19 29	0 29	22 1	0 28	22 18	1 11	3 48	16 54	21 12	21 20	21 52	9 54	0 14
S 6	2 21	16 34	4 4	3 45	0 34	14 44	7 26	17 12	3 50	19 46	0 31	19 28	0 29	22 1	0 28	22 18	1 11	3 48	16 54	21 11	21 20	21 52	9 55	0 14
M 7	1 57	12 39	4 40	4 39	0 46	14 46	7 32	17 14	3 48	19 48	0 31	19 27	0 29	22 1	0 28	22 18	1 11	3 49	16 55	21 10	21 19	21 51	9 56	0 14
T 8	1 33	8 5	4 59	5 31	0 58	14 47	7 38	17 17	3 46	19 50	0 31	19 25	0 29	22 0	0 28	22 18	1 11	3 50	16 55	21 8	21 19	21 51	9 58	0 14
W 9	1 10	3 10	5 1	6 22	1 11	14 46	7 43	17 19	3 43	19 52	0 31	19 24	0 29	22 0	0 28	22 18	1 11	3 50	16 55	21 6	21 18	21 50	9 59	0 14
T 10	0 46	1n49	4 46	7 11	1 23	14 44	7 47	17 20	3 41	19 54	0 31	19 23	0 29	22 0	0 28	22 18	1 11	3 51	16 56	21 4	21 18	21 50	10 0	0 15
F 11	0 22	6 37	4 15	7 58	1 35	14 40	7 51	17 22	3 39	19 56	0 30	19 22	0 30	22 0	0 29	22 18	1 11	3 52	16 56	21 2	21 17	21 50	10 1	0 15
S 12	0n 1	11 2	3 32	8 43	1 47	14 35	7 54	17 23	3 36	19 58	0 30	19 21	0 30	21 59	0 29	22 18	1 11	3 53	16 56	21 0	21 16	21 49	10 2	0 15
S 13	0 25	14 50	2 39	9 25	1 59	14 28	7 56	17 24	3 34	20 1	0 30	19 19	0 30	21 59	0 29	22 18	1 11	3 53	16 57	20 59	21 16	21 49	10 4	0 15
M14	0 48	17 54	1 40	10 4	2 10	14 20	7 58	17 24	3 31	20 3	0 30	19 18	0 30	21 59	0 29	22 18	1 11	3 54	16 57	20 58	21 15	21 48	10 5	0 15
T 15	1 12	20 7	0 37	10 40	2 20	14 10	7 59	17 24	3 29	20 5	0 30	19 17	0 30	21 58	0 29	22 18	1 11	3 55	16 57	20 58	21 15	21 48	10 6	0 15
W16	1 36	21 23	0s27	11 14	2 30	13 59	7 59	17 24	3 26	20 7	0 30	19 16	0 30	21 58	0 29	22 17	1 11	3 55	16 57	20 58	21 14	21 48	10 7	0 15
T 17	1 59	21 41	1 29	11 44	2 39	13 46	7 59	17 24	3 24	20 9	0 29	19 15	0 30	21 58	0 29	22 17	1 11	3 56	16 58	20 58	21 14	21 47	10 9	0 15
F 18	2 23	21 1	2 28	12 10	2 47	13 32	7 57	17 24	3 21	20 12	0 29	19 14	0 30	21 58	0 29	22 17	1 11	3 57	16 58	20 58	21 13	21 47	10 10	0 15
S 19	2 46	19 25	3 20	12 34	2 54	13 17	7 55	17 23	3 19	20 14	0 29	19 13	0 30	21 57	0 29	22 17	1 11	3 58	16 58	20 58	21 12	21 46	10 11	0 15
S 20	3 9	16 56	4 4	12 54	3 0	13 0	7 52	17 22	3 16	20 16	0 29	19 12	0 31	21 57	0 29	22 17	1 11	3 58	16 58	20 58	21 12	21 46	10 13	0 15
M21	3 33	13 40	4 38	13 10	3 5	12 42	7 48	17 20	3 14	20 18	0 29	19 11	0 31	21 57	0 29	22 17	1 11	3 59	16 59	20 57	21 11	21 45	10 14	0 15
T 22	3 56	9 44	5 0	13 22	3 9	12 22	7 43	17 19	3 11	20 21	0 29	19 10	0 31	21 57	0 29	22 17	1 11	4 0	16 59	20 56	21 11	21 45	10 15	0 15
W23	4 19	5 15	5 7	13 31	3 11	12 2	7 37	17 17	3 8	20 23	0 28	19 9	0 31	21 57	0 29	22 17	1 12	4 0	16 59	20 54	21 10	21 45	10 16	0 15
T 24	4 42	0 24	4 57	13 36	3 13	11 41	7 30	17 15	3 6	20 25	0 28	19 8	0 31	21 56	0 29	22 17	1 12	4 1	16 59	20 53	21 10	21 44	10 18	0 16
F 25	5 5	4s36	4 31	13 38	3 12	11 19	7 22	17 12	3 3	20 27	0 28	19 7	0 31	21 56	0 29	22 17	1 12	4 2	16 59	20 51	21 9	21 44	10 19	0 16
S 26	5 28	9 29	3 48	13 35	3 11	10 56	7 14	17 10	3 1	20 30	0 28	19 6	0 31	21 56	0 29	22 17	1 12	4 2	16 59	20 49	21 8	21 43	10 20	0 16
S 27	5 51	13 56	2 51	13 30	3 8	10 33	7 5	17 7	2 58	20 32	0 28	19 5	0 31	21 56	0 29	22 17								

SWISS EPHEMERIS for the year 1491

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F 1	13 11 20	19°42'07	11°10	25°R22	7°R22	22°Ω 0	4°II51	7°≈18	23°35	27°R25	1°R 2	2°≈54	4°≈25	23°II11	27°Y48								
S 2	13 15 16	20°40'43	25°15	24°Y45	6°Y53	22° 6	5° 3	7°22	23°36	27°≈25	1°M 0	2°R54	4°22	23°18	27°52								
S 3	13 19 13	21°39'18	9°≈ 9	24° 6	6°25	22°12	5°15	7°25	23°37	27°24	0°58	2°53	4°19	23°25	27°56								
M 4	13 23 9	22°37'52	22°52	23°25	6° 0	22°19	5°27	7°29	23°37	27°24	0°57	2°50	4°15	23°31	28° 0								
T 5	13 27 6	23°36'23	6°≈23	22°43	5°36	22°26	5°38	7°32	23°38	27°23	0°55	2°45	4°12	23°38	28° 4								
W 6	13 31 2	24°34'53	19°43	22° 1	5°15	22°34	5°50	7°35	23°39	27°23	0°53	2°39	4° 9	23°45	28° 8								
T 7	13 34 59	25°33'21	2°Y49	21°20	4°57	22°43	6° 2	7°38	23°39	27°22	0°52	2°32	4° 6	23°51	28°12								
F 8	13 38 55	26°31'48	15°41	20°40	4°40	22°52	6°15	7°42	23°40	27°22	0°50	2°26	4° 3	23°58	28°16								
S 9	13 42 52	27°30'12	28°19	20° 1	4°26	23° 2	6°27	7°45	23°41	27°21	0°48	2°21	3°59	24° 5	28°20								
S 10	13 46 49	28°28'35	10°≈44	19°26	4°15	23°12	6°39	7°47	23°41	27°20	0°47	2°18	3°56	24°11	28°24								
M11	13 50 45	29°26'56	22°56	18°54	4° 5	23°23	6°51	7°50	23°42	27°20	0°45	2°16	3°53	24°18	28°28								
T 12	13 54 42	0°≈25'15	4°II57	18°25	3°59	23°35	7° 4	7°53	23°42	27°19	0°43	2°D15	3°50	24°25	28°32								
W13	13 58 38	1°23'32	16°51	18° 0	3°54	23°47	7°16	7°56	23°42	27°18	0°42	2°16	3°47	24°31	28°35								
T 14	14 2 35	2°21'47	28°39	17°39	3°D53	24° 0	7°29	7°58	23°43	27°18	0°40	2°18	3°44	24°38	28°39								
F 15	14 6 31	3°20'00	10°≈28	17°23	3°53	24°13	7°41	8° 1	23°43	27°17	0°38	2°20	3°40	24°45	28°43								
S 16	14 10 28	4°18'12	22°20	17°12	3°56	24°26	7°54	8° 3	23°43	27°16	0°36	2°21	3°37	24°51	28°47								
S 17	14 14 24	5°16'21	4°Ω22	17° 5	4° 1	24°41	8° 7	8° 5	23°43	27°15	0°35	2°R22	3°34	24°58	28°51								
M18	14 18 21	6°14'28	16°38	17°D 3	4° 8	24°55	8°19	8° 7	23°43	27°15	0°33	2°21	3°31	25° 4	28°55								
T 19	14 22 18	7°12'33	29°12	17° 6	4°18	25°11	8°32	8° 9	23°R43	27°14	0°31	2°19	3°28	25°11	28°59								
W20	14 26 14	8°10'36	12°≈ 8	17°14	4°29	25°26	8°45	8°11	23°43	27°13	0°30	2°17	3°25	25°18	29° 3								
T 21	14 30 11	9° 8'37	25°29	17°26	4°43	25°42	8°58	8°13	23°43	27°12	0°28	2°14	3°21	25°24	29° 7								
F 22	14 34 7	10° 6'36	9°≈16	17°43	4°58	25°59	9°11	8°15	23°43	27°11	0°26	2°11	3°18	25°31	29°11								
S 23	14 38 4	11° 4'34	23°26	18° 4	5°16	26°16	9°24	8°17	23°43	27°10	0°25	2° 8	3°15	25°38	29°15								
S 24	14 42 0	12° 2'30	7°M56	18°30	5°35	26°34	9°37	8°18	23°43	27° 9	0°23	2° 6	3°12	25°44	29°18								
M25	14 45 57	13° 0'24	2°≈40	19° 0	5°57	26°51	9°50	8°20	23°43	27° 8	0°21	2° 5	3° 9	25°51	29°22								
T 26	14 49 53	13°58'17	7°≈32	19°33	6°20	27°10	10° 3	8°21	23°42	27° 7	0°20	2°D 4	3° 5	25°58	29°26								
W27	14 53 50	14°56'09	22°22	20°11	6°45	27°28	10°16	8°23	23°42	27° 6	0°18	2° 5	3° 2	26° 4	29°30								
T 28	14 57 47	15°53'59	7°≈ 5	20°53	7°11	27°48	10°29	8°24	23°41	27° 5	0°17	2° 6	2°59	26°11	29°34								
F 29	15 1 43	16°51'48	21°36	21°38	7°39	28° 7	10°42	8°25	23°41	27° 4	0°15	2° 7	2°56	26°18	29°38								
S 30	15 5 40	17°≈49'36	5°≈50	22°Y27	8°Y 8	28°Ω27	10°II56	8°≈26	23°≈41	27°≈ 2	0°M13	2°≈ 8	2°≈53	26°II24	29°Y41								

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	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
F 1	7n44	19s50	3n13	12n10	2n30	8n35	6n 9	16n50	2n46	20n43	0s27	19s 1	0s32	21s55	0s29	22s17	1n12	4n 6	17n 0	20s48	21s 5	21n40	10n28	0s16
S 2	8 6 17	7 4 6	11 45	2 18	8 12	5 57	16 46	2 44	20 46	0 27	19 0	0 32	21 55	0 29	22 17	1 12	4 7	17 0	20 48	21 4	21 40	10 30	0 16	
S 3	8 28	13 27	4 44	11 19	2 5	7 49	5 44	16 42	2 41	20 48	0 27	18 59	0 32	21 55	0 29	22 17	1 12	4 7	17 0	20 47	21 4	21 39	10 31	0 16
M 4	8 50	9 7	5 6	10 50	1 51	7 26	5 30	16 37	2 39	20 50	0 27	18 58	0 32	21 55	0 29	22 17	1 12	4 8	17 0	20 47	21 3	21 39	10 32	0 16
T 5	9 11	4 24	5 10	10 21	1 36	7 5	5 17	16 32	2 37	20 52	0 26	18 58	0 33	21 55	0 29	22 17	1 12	4 9	17 0	20 46	21 3	21 38	10 34	0 16
W 6	9 33	0n28	4 57	9 51	1 21	6 43	5 3	16 28	2 34	20 55	0 26	18 57	0 33	21 55	0 29	22 17	1 12	4 9	17 0	20 45	21 2	21 38	10 35	0 17
T 7	9 54	5 13	4 28	9 20	1 4	6 23	4 49	16 23	2 32	20 57	0 26	18 56	0 33	21 54	0 29	22 17	1 12	4 10	17 0	20 44	21 1	21 37	10 36	0 17
F 8	10 16	9 40	3 47	8 49	0 48	6 4	4 35	16 17	2 30	20 59	0 26	18 56	0 33	21 54	0 29	22 17	1 12	4 10	17 1	20 42	21 1	21 37	10 38	0 17
S 9	10 37	13 37	2 55	8 19	0 31	5 45	4 21	16 12	2 27	21 1	0 26	18 55	0 33	21 54	0 29	22 17	1 12	4 11	17 1	20 41	21 0	21 36	10 39	0 17
S 10	10 58	16 54	1 55	7 50	0 14	5 28	4 7	16 6	2 25	21 3	0 26	18 54	0 33	21 54	0 29	22 17	1 12	4 12	17 1	20 41	21 0	21 36	10 40	0 17
M11	11 18	19 23	0 51	7 22	0s 3	5 12	3 53	16 1	2 23	21 6	0 26	18 54	0 33	21 54	0 29	22 17	1 12	4 12	17 1	20 40	20 59	21 35	10 42	0 17
T 12	11 39	20 56	0s15	6 56	0 20	4 46	3 39	15 55	2 21	21 8	0 25	18 53	0 33	21 54	0 30	22 17	1 12	4 13	17 0	20 40	20 58	21 34	10 43	0 17
W13	11 59	21 32	1 19	6 31	0 36	4 42	3 25	15 48	2 19	21 10	0 25	18 53	0 34	21 54	0 30	22 16	1 12	4 13	17 0	20 40	20 58	21 34	10 44	0 17
T 14	12 20	21 10	2 20	6 9	0 52	4 28	3 12	15 42	2 16	21 12	0 25	18 52	0 34	21 54	0 30	22 16	1 12	4 14	17 0	20 41	20 57	21 33	10 46	0 17
F 15	12 40	19 51	3 15	5 49	1 7	4 16	2 58	15 36	2 14	21 14	0 25	18 52	0 34	21 54	0 30	22 16	1 12	4 14	17 0	20 41	20 57	21 33	10 47	0 17
S 16	12 59	17 41	4 1	5 31	1 22	4 5	2 45	15 29	2 12	21 17	0 25	18 51	0 34	21 54	0 30	22 16	1 12	4 15	17 0	20 41	20 56	21 32	10 48	0 17
S 17	13 19	14 43	4 38	5 16	1 35	3 55	2 32	15 22	2 10	21 19	0 25	18 51	0 34	21 54	0 30	22 16	1 12	4 15	17 0	20 41	20 55	21 32	10 49	0 17
M18	13 38	11 4	5 3	5 3	1 48	3 46	2 19	15 15	2 8	21 21	0 25	18 50	0 34	21 54	0 30	22 16	1 12	4 16	17 0	20 41	20 55	21 31	10 51	0 17
T 19	13 57	6 52	5 14	4 53	2 0	3 39	2 6	15 8	2 6	21 23	0 24	18 50	0 34	21 54	0 30	22 16	1 12	4 16	17 0	20 41	20			

SWISS EPHEMERIS for the year 1491

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Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁
S 1	15 9 36	18♁47'23	19♁45	23♁20	8♁39	28♁47	11♁ 9	8♁27	23♁R40	27♁R 1	0♁R12	2♁R 8	2♁♁50	26♁II31	29♁Y45
M 2	15 13 33	19°45'08	3♁22	24°15	9°12	29° 8	11°22	8°28	23♁39	27♁ 0	0♁II10	2♁ 7	2°46	26°38	29°49
T 3	15 17 29	20°42'52	16°41	25°14	9°45	29°29	11°35	8°28	23°39	26°59	0° 9	2° 7	2°43	26°44	29°53
W 4	15 21 26	21°40'36	29°42	26°16	10°20	29°50	11°49	8°29	23°38	26°58	0° 7	2° 6	2°40	26°51	29°56
T 5	15 25 22	22°38'18	12♁28	27°21	10°57	0♁12	12° 2	8°30	23°37	26°56	0° 6	2° 5	2°37	26°58	0♁ 0
F 6	15 29 19	23°35'59	25° 1	28°29	11°34	0°34	12°16	8°30	23°37	26°55	0° 4	2° 3	2°34	27° 4	0° 4
S 7	15 33 16	24°33'39	7♁21	29°40	12°13	0°56	12°29	8°30	23°36	26°54	0° 2	2° 3	2°30	27°11	0° 7
S 8	15 37 12	25°31'17	19°31	0♁53	12°53	1°19	12°43	8°31	23°35	26°53	0° 1	2° 2	2°27	27°18	0°11
M 9	15 41 9	26°28'55	11♁32	2° 9	13°33	1°42	12°56	8°31	23°34	26°51	29♁59	2°D 2	2°24	27°24	0°15
T 10	15 45 5	27°26'31	13°26	3°28	14°15	2° 6	13°10	8°R31	23°33	26°50	29°58	2° 2	2°21	27°31	0°18
W 11	15 49 2	28°24'06	25°16	4°50	14°58	2°29	13°23	8°31	23°32	26°48	29°57	2° 2	2°18	27°38	0°22
T 12	15 52 58	29°21'40	7♁ 4	6°14	15°41	2°53	13°37	8°31	23°31	26°47	29°55	2° 3	2°15	27°44	0°25
F 13	15 56 55	0♁II19'13	18°53	7°41	16°26	3°18	13°51	8°30	23°30	26°46	29°54	2° 3	2°11	27°51	0°29
S 14	16 0 51	1°16'44	0♁II46	9°10	17°11	3°42	14° 4	8°30	23°29	26°44	29°52	2° 3	2° 8	27°58	0°33
S 15	16 4 48	2°14'14	12°48	10°42	17°58	4° 7	14°18	8°30	23°28	26°43	29°51	2°R 3	2° 5	28° 4	0°36
M 16	16 8 45	3°11'42	25° 3	12°16	18°45	4°32	14°31	8°29	23°26	26°41	29°50	2° 3	2° 2	28°11	0°40
T 17	16 12 41	4° 9'10	7♁34	13°53	19°33	4°58	14°45	8°28	23°25	26°40	29°48	2°D 3	1°59	28°18	0°43
W 18	16 16 38	5° 6'35	20°27	15°33	20°21	5°23	14°59	8°28	23°24	26°39	29°47	2° 3	1°56	28°24	0°46
T 19	16 20 34	6° 4'00	3♁43	17°14	21°11	5°49	15°13	8°27	23°22	26°37	29°46	2° 3	1°52	28°31	0°50
F 20	16 24 31	7° 1'24	17°26	18°59	22° 0	6°15	15°26	8°26	23°21	26°36	29°45	2° 4	1°49	28°38	0°53
S 21	16 28 27	7°58'46	11♁35	20°46	22°51	6°42	15°40	8°25	23°20	26°34	29°43	2° 4	1°46	28°44	0°56
S 22	16 32 24	8°56'08	16° 9	22°35	23°42	7° 9	15°54	8°24	23°18	26°33	29°42	2° 5	1°43	28°51	1° 0
M 23	16 36 20	9°53'28	1♁ 2	24°26	24°34	7°36	16° 7	8°23	23°17	26°31	29°41	2°R 5	1°40	28°58	1° 3
T 24	16 40 17	10°50'48	16° 7	26°20	25°27	8° 3	16°21	8°21	23°15	26°29	29°40	2° 5	1°36	29° 4	1° 6
W 25	16 44 14	11°48'07	1♁17	28°17	26°20	8°30	16°35	8°20	23°13	26°28	29°39	2° 4	1°33	29°11	1° 9
T 26	16 48 10	12°45'25	16°20	0♁II15	27°14	8°58	16°49	8°19	23°12	26°26	29°37	2° 3	1°30	29°18	1°13
F 27	16 52 7	13°42'43	1♁10	2°16	28° 8	9°26	17° 3	8°17	23°10	26°25	29°36	2° 2	1°27	29°24	1°16
S 28	16 56 3	14°40'00	15°39	4°19	29° 3	9°54	17°16	8°15	23° 9	26°23	29°35	2° 0	1°24	29°31	1°19
S 29	17 0 0	15°37'17	29°44	6°23	29°58	10°22	17°30	8°14	23° 7	26°22	29°34	1°59	1°21	29°37	1°22
M 30	17 3 56	16°34'34	13♁24	8°30	0♁53	10°51	17°44	8°12	23° 5	26°20	29°33	1°D 59	1°17	29°44	1°25
T 31	17 7 53	17♁II31'50	26♁39	10♁II37	1♁50	11♁20	17♁II58	8♁10	23♁ 3	26♁18	29♁32	1♁59	1♁14	29♁II51	1♁28

Day	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁	♁									
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat									
S 1	17n28	10s 2	5n 9	6n 2	3s17	3n24	0s 2	13n32	1n43	21n48	0s23	18s47	0s36	21s55	0s30	22s16	1n13	4n21	16n58	20s39	20s47	21n23	11n 8	0s19
M 2	17 43	5 22	5 17	6 21	3 18	3 29	0 11	13 23	1 41	21 50	0 23	18 47	0 36	21 55	0 30	22 16	1 13	4 21	16 58	20 39	20 46	21 23	11 9	0 19
T 3	17 59	0 34	5 7	6 43	3 18	3 34	0 20	13 14	1 39	21 52	0 23	18 47	0 36	21 55	0 30	22 16	1 13	4 21	16 58	20 38	20 46	21 22	11 10	0 19
W 4	18 14	4n11	4 41	7 5	3 18	3 41	0 28	13 5	1 37	21 54	0 23	18 47	0 37	21 56	0 30	22 16	1 13	4 22	16 58	20 38	20 45	21 21	11 11	0 19
T 5	18 29	8 39	4 2	7 30	3 17	3 47	0 36	12 55	1 36	21 55	0 22	18 47	0 37	21 56	0 30	22 16	1 13	4 22	16 57	20 38	20 44	21 21	11 12	0 19
F 6	18 43	12 40	3 11	7 55	3 15	3 55	0 44	12 46	1 34	21 57	0 22	18 47	0 37	21 56	0 30	22 16	1 13	4 22	16 57	20 38	20 44	21 20	11 14	0 19
S 7	18 58	16 6	2 13	8 23	3 13	4 3	0 51	12 36	1 32	21 59	0 22	18 47	0 37	21 56	0 30	22 15	1 13	4 23	16 57	20 38	20 43	21 19	11 15	0 19
S 8	19 12	18 46	1 9	8 51	3 9	4 12	0 58	12 27	1 30	22 1	0 22	18 47	0 37	21 56	0 30	22 15	1 13	4 23	16 56	20 37	20 42	21 19	11 16	0 19
M 9	19 25	20 34	0 3	9 21	3 6	4 22	1 5	12 17	1 29	22 3	0 22	18 47	0 37	21 56	0 30	22 15	1 13	4 23	16 56	20 37	20 42	21 18	11 17	0 19
T 10	19 39	21 26	1s 3	9 52	3 1	4 32	1 4	12 7	1 27	22 5	0 22	18 47	0 37	21 57	0 30	22 15	1 13	4 23	16 56	20 37	20 41	21 17	11 18	0 19
W 11	19 51	21 20	2 6	10 24	2 56	4 42	1 18	11 57	1 25	22 6	0 22	18 47	0 38	21 57	0 30	22 15	1 13	4 23	16 56	20 38	20 41	21 17	11 20	0 19
T 12	20 4 20	16 3	3 10	10 57	2 51	4 53	1 25	11 47	1 24	22 8	0 22	18 47	0 38	21 57	0 30	22 15	1 13	4 24	16 55	20 38	20 40	21 16	11 21	0 20
F 13	20 16 18	20 3	3 52	11 31	2 45	5 5	1 31	11 36	1 22	22 10	0 22	18 48	0 38	21 57	0 30	22 15	1 13	4 24	16 55	20 38	20 39	21 15	11 22	0 20
S 14	20 28 15	37 4	3 32	12 5	2 38	5 17	1 36	11 26	1 21	22 12	0 21	18 48	0 38	21 57	0 31	22 15	1 13	4 24	16 55	20 38	20 39	21 15	11 23	0 20
S 15	20 40 12	13 5	0 12	14 1	2 31	5 30	1 42	11 15	1 19	22 13	0 21	18 48	0 38	21 58	0 31	22 15	1 13	4 24	16 54	20 38	20 38	21 14	11 24	0 20
M 16	20 51 8	15 5	15 13	17 2	2 23	5 43	1 47	11 5	1 18	22 15	0 21	18 48	0 38	21 58	0 31	22 15	1 13	4 24	16 54	20 38	20 37	21 13	11 25	0 20
T 17	21 2 3	51 5	16 13	18 54	2 15	5 56	1 52	10 54	1 16	22 17	0 21	18 49	0 38	21 58	0 31	22 15	1 13	4 24	16 54	20 38	20 37	21 12	11 27	0 20
W 18	21 13 0s50	5 2	14 31	2 7	6 10	1 57	10 43	1 14	22 18	0 21	18 49	0 39	21 58	0 31	22 15	1 13	4 24	16 53	20 38	20 36	21 12	11 28	0 20	
T 19	21 23 5	37 4	3 11	15 9	1 58	6 25	2 1	10 32	1 13	22 20	0 21	18 49	0 39	21 59	0 31	22 15	1 13	4 24	16 53	20 38	20 36	21 11	11 29	0 20
F 20	21 32 10	18 3	4 44	15 47	1 48	6 39	2 6	10 21	1 11	22 22	0 21	18 50	0 39	21 59	0 31	22 15	1 13	4 24	16 52	20 38	20 35	21 10	11 30	0 20
S 21	21 42 14	35 2	4 22	16 24	1 39	6 54	2 10	10 10	1 10	22 23	0 21	18 50	0 39	21 59	0 31	22 15	1 13	4 25	16 52	20 38	20 34	21 10	11 31	0 20
S 22	21 51 18	6 1	27 17	2 1	2 28	7 9	2 14	9 58	1 9	22 25	0 21	18 51	0 39	21 59	0 31	22 15	1 13	4 25	16 52	20 38	20 34	21 9	11 32	0 20
M 23	22 0 20	31 0	6 17	17 40	1 18	7 25	2 17	9 47	1 7	22 26	0 21	18 51	0 39	22 0	0 31	22 15	1 13	4 25	16 51	20 38	20 33	21 8	11 33	0 21
T 24	22 8 21	30 1n17	18 18	1 8	7 41	2 21	9 35	1 6	22 28	0 20	18 51	0 39	22 0	0 31	22 15	1 13	4 25	16 51	20 38	20 32	21 7	11 34	0 21	
W 25	22 16 20	55 2	35 18	55 0	57 7	7 57	2 24	9 24	1 4	22 29	0 20	18 52	0 40	22 0	0 31	22 15	1 13	4 25	16 50	20 38	20 32	21 7	11 35	0 21
T 26	22 23 18	50 3	42 19	31 0	46 8	13 2	27 9	12 1	3 22	31 0	20	18 52	0 40	22 1	0 31	22 15	1 13	4 25	16 50	20 38	20 31	21 6	11 36	0 21
F 27	22 30 15	31 4	32 20	6 0	35 8	30 2	30 9	0 1	1 22	32 0	20	18 53	0 40	22 1	0 31	22 15	1 13	4 24	16 50	20 37	20 30	21 5	11 37	0 21
S 28	22 37 11	21 5	4 20	41 0	24 8	47 2	33 8	48 1	0 22	34 0	20	18 54	0 40	22 1	0 31	22 15	1 13	4 24	16 49	20 37				

SWISS EPHEMERIS for the year 1491

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Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
W 1	17 11 49	18II29'06	9V32	12II46	2R46	11M49	18II11	8°R 8	23°R 1	26°R17	29°R31	2R 0	1R11	29II57	1R31	
T 2	17 15 46	19°26'21	22° 7	14°56	3°43	12°18	18°25	8° 6	23° 0	26°15	29°30	2° 1	1° 8	0R 4	1°34	
F 3	17 19 43	20°23'37	4R 6	17° 7	4°41	12°47	18°39	8° 3	22°58	26°14	29°29	2° 3	1° 5	0°11	1°37	
S 4	17 23 39	21°20'52	16°33	19°19	5°39	13°17	18°53	8° 1	22°56	26°12	29°29	2° 4	1° 2	0°17	1°40	
S 5	17 27 36	22°18'07	28°32	21°30	6°37	13°47	19° 6	7°59	22°54	26°10	29°28	2°R 5	0°58	0°24	1°43	
M 6	17 31 32	23°15'21	10II24	23°42	7°36	14°17	19°20	7°56	22°52	26° 9	29°27	2° 4	0°55	0°31	1°45	
T 7	17 35 29	24°12'36	22°13	25°53	8°35	14°47	19°34	7°54	22°50	26° 7	29°26	2° 3	0°52	0°37	1°48	
W 8	17 39 25	25° 9'50	4R 1	28° 4	9°34	15°17	19°48	7°51	22°48	26° 6	29°25	2° 1	0°49	0°44	1°51	
T 9	17 43 22	26° 7'03	15°50	0R13	10°34	15°48	20° 1	7°49	22°46	26° 4	29°25	1°57	0°46	0°51	1°53	
F 10	17 47 18	27° 4'16	27°43	2°22	11°34	16°19	20°15	7°46	22°44	26° 2	29°24	1°53	0°42	0°57	1°56	
S 11	17 51 15	28° 1'29	9R41	4°30	12°34	16°50	20°29	7°43	22°42	26° 1	29°23	1°49	0°39	1° 4	1°59	
S 12	17 55 12	28°58'42	21°46	6°36	13°35	17°21	20°43	7°40	22°40	25°59	29°23	1°45	0°36	1°11	2° 1	
M13	17 59 8	29°55'54	4M 3	8°41	14°36	17°52	20°56	7°37	22°37	25°57	29°22	1°42	0°33	1°17	2° 4	
T 14	18 3 5	0R53'05	16°35	10°44	15°37	18°24	21°10	7°34	22°35	25°56	29°21	1°40	0°30	1°24	2° 6	
W15	18 7 1	1°50'17	29°24	12°45	16°39	18°55	21°24	7°31	22°33	25°54	29°21	1°D39	0°27	1°31	2° 9	
T 16	18 10 58	2°47'27	12R34	14°44	17°40	19°27	21°37	7°28	22°31	25°53	29°20	1°39	0°23	1°37	2°11	
F 17	18 14 54	3°44'38	26° 8	16°42	18°42	19°59	21°51	7°24	22°29	25°51	29°20	1°40	0°20	1°44	2°13	
S 18	18 18 51	4°41'48	10M 8	18°37	19°45	20°31	22° 4	7°21	22°26	25°49	29°19	1°42	0°17	1°51	2°16	
S 19	18 22 47	5°38'58	2R33	20°31	20°47	21° 3	22°18	7°18	22°24	25°48	29°19	1°R43	0°14	1°57	2°18	
M20	18 26 44	6°36'08	9R22	22°22	21°50	21°36	22°32	7°14	22°22	25°46	29°19	1°43	0°11	2° 4	2°20	
T 21	18 30 41	7°33'18	24°27	24°12	22°53	22° 9	22°45	7°11	22°20	25°45	29°18	1°41	0° 8	2°11	2°22	
W22	18 34 37	8°30'28	9R41	26° 0	23°57	22°41	22°59	7° 7	22°17	25°43	29°18	1°38	0° 4	2°17	2°24	
T 23	18 38 34	9°27'38	24°54	27°45	25° 0	23°14	23°12	7° 3	22°15	25°42	29°18	1°33	0° 1	2°24	2°26	
F 24	18 42 30	10°24'49	9R55	29°29	26° 4	23°47	23°25	7° 0	22°13	25°40	29°17	1°28	29M58	2°31	2°28	
S 25	18 46 27	11°21'59	24°37	1R11	27° 8	24°20	23°39	6°56	22°10	25°38	29°17	1°22	29°55	2°37	2°30	
S 26	18 50 23	12°19'10	8R53	2°50	28°12	24°54	23°52	6°52	22° 8	25°37	29°17	1°17	29°52	2°44	2°32	
M27	18 54 20	13°16'22	22°40	4°28	29°17	25°27	24° 6	6°48	22° 6	25°35	29°17	1°14	29°48	2°51	2°34	
T 28	18 58 16	14°13'34	5R59	6° 3	0II21	26° 1	24°19	6°44	22° 3	25°34	29°17	1°12	29°45	2°57	2°36	
W29	19 2 13	15°10'47	18°52	7°37	1°26	26°35	24°32	6°40	22° 1	25°32	29°17	1°D12	29°42	3° 4	2°37	
T 30	19 6 10	16R 8'00	1R22	9R 9	2II31	27M 9	24II45	6R36	21R58	25R31	29R16	1R12	29M39	3R11	2R39	

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂								
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl								
W 1	23n 0	7n38	4n11	22n43	0n20	9n56	2s42	8n 0	0n55	22n39	0s20	18s56	0s40	22s 3	0s31	22s14	1n13	4n24	16n47	20s37	20s27	21n 1	11n42	0s21
T 2	23 5 11	47 3	24 23	9 0	30 10	13 2	44 7	7 47	0 53	22 40	0 20	18 57	0 41	22 3	0 31	22 14	1 13	4 24	16 47	20 37	20 26	21 1	11 43	0 21
F 3	23 9 15	20 2	27 23	32 0	40 10	31 2	46 7	7 35	0 52	22 42	0 19	18 57	0 41	22 3	0 31	22 14	1 13	4 24	16 46	20 38	20 26	21 0	11 44	0 22
S 4	23 13 18	11 1	25 23	54 0	49 10	49 2	47 7	7 22	0 51	22 43	0 19	18 58	0 41	22 4	0 31	22 14	1 13	4 24	16 46	20 38	20 25	20 59	11 45	0 22
S 5	23 17 20	12 0	20 24	12 0	58 11	6 2	49 7	7 9	0 49	22 44	0 19	18 59	0 41	22 4	0 31	22 14	1 13	4 23	16 45	20 38	20 25	20 58	11 46	0 22
M 6	23 20 21	19 0	0s46	24 28	1 7	11 24	2 50	6 57	0 48	22 45	0 19	19 0	0 41	22 4	0 31	22 14	1 13	4 23	16 45	20 38	20 24	20 57	11 46	0 22
T 7	23 23 21	28 1	49 24	41 1	15 11	42 2	51 6	6 44	0 47	22 47	0 19	19 0	0 41	22 5	0 31	22 14	1 13	4 23	16 44	20 38	20 23	20 57	11 47	0 22
W 8	23 25 20	40 2	47 24	51 1	22 12	0 2	52 6	6 31	0 46	22 48	0 19	19 1	0 41	22 5	0 31	22 14	1 13	4 23	16 44	20 37	20 23	20 56	11 48	0 22
T 9	23 27 18	57 3	38 24	58 1	28 12	18 2	53 6	6 18	0 44	22 49	0 19	19 2	0 42	22 5	0 31	22 14	1 13	4 23	16 43	20 37	20 22	20 55	11 49	0 22
F 10	23 28 16	26 4	20 25	3 1	34 12	36 2	53 6	6 5	0 43	22 50	0 19	19 3	0 42	22 6	0 31	22 14	1 13	4 22	16 43	20 36	20 21	20 54	11 50	0 22
S 11	23 29 13	12 4	51 25	5 1	39 12	54 2	54 5	5 51	0 42	22 51	0 19	19 4	0 42	22 6	0 31	22 14	1 13	4 22	16 42	20 35	20 21	20 53	11 51	0 22
S 12	23 30 9	25 5	9 25	4	43 13	54 2	54 5	5 38	0 41	22 52	0 19	19 5	0 42	22 6	0 31	22 14	1 13	4 22	16 42	20 34	20 20	20 53	11 51	0 22
M13	23 30 5	11 5	13 25	0	47 13	29 2	54 5	5 25	0 39	22 53	0 19	19 6	0 42	22 7	0 31	22 14	1 13	4 22	16 41	20 33	20 19	20 52	11 52	0 23
T 14	23 30 0	39 5	3 24	54 1	50 13	47 2	54 5	5 11	0 38	22 54	0 18	19 7	0 42	22 7	0 31	22 14	1 13	4 21	16 41	20 33	20 19	20 51	11 53	0 23
W15	23 29 4	0 4	38 24	45 1	52 14	4 2	54 4	4 58	0 37	22 55	0 18	19 7	0 42	22 8	0 31	22 14	1 13	4 21	16 40	20 33	20 18	20 50	11 54	0 23
T 16	23 28 8	37 3	57 24	34 1	53 14	22 2	54 4	4 44	0 36	22 56	0 18	19 8	0 43	22 8	0 31	22 14	1 13	4 21	16 40	20 33	20 17	20 49	11 54	0 23
F 17	23 27 12	57 3	2 24	21 1	54 14	39 2	54 4	4 31	0 35	22 57	0 18	19 9	0 43	22 8	0 31	22 14	1 13	4 20	16 39	20 33	20 17	20 48	11 55	0 23
S 18	23 25 16	43 1	55 24	5 1	54 14	56 2	53 4	4 17	0 34	22 58	0 18	19 10	0 43	22 9	0 31	22 14	1 13	4 20	16 39	20 33	20 16	20 48	11 56	0 23
S 19	23 23 19	35 0	39 23	48 1	53 15	13 2	53 4	4 3	0 32	22 59	0 18	19 11	0 43	22 9	0 31	22 14	1 13	4 19	16 38	20 34	20 15	20 47	11 56	0 23
M20	23 20 21	14 0	42 23	29 1	52 15	30 2	52 3	3 49	0 31	23 0	0 18	19 12	0 43	22 9	0 31	22 14	1 13	4 19	16 37	20 34	20 15	20 46	11 57	0 23
T 21	23 17 21	22 2	1 23	8 1	50 15	47 2	51 3	3 35	0 30	23 0	0 18	19 13	0 43	22 10	0 31	22 14	1 13	4 19	16 37	20 33	20 14	20 45	11 58	0 23
W22	23 14 19	57 3	12 22	46 1	47 16	3 2	50 3	3 21	0 29	23 1	0 18	19 14	0 43	22 10	0 31	22 14	1 13	4 18	16 36	20 33	20 13	20 44	11 58	0 23
T 23	23 10 17	7 4	10 22	22 1	44 16	20 2	49 3	3 7	0 28	23 2	0 18	19 15	0 43	22 11	0 31	22 14	1 13	4 18	16 36	20 32	20 13	20 43	11 59	0 24
F 24	23 6 13	10 4	49 21	57 1	41 16	36 2	48 2	5 3	0 27	23 3	0 18	19 17	0 44	22 11	0 31	22 13	1							

SWISS EPHEMERIS for the year 1491

JULY 1491 JC

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Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁
F 1	19 10 6	17°51'15"	13°36'36"	10°38'38"	3°36'36"	27°43'43"	24°59'59"	6°R32	21°R56	25°R29	29°D16	1°R14	29°M36	3°E17	2°R41
S 2	19 14 3	18° 2'30"	25°36'36"	12° 6'	4°42'	28°17'	25°12'	6°A28	21°E54	25°A28	29°E16	1°R15	29°33'	3°24'	2°42'
S 3	19 17 59	18°59'45"	7°11'29"	13°31'	5°47'	28°51'	25°25'	6°24'	21°51'	25°26'	29°17'	1°15'	29°29'	3°31'	2°44'
M 4	19 21 56	19°57'01"	19°17'	14°55'	6°53'	29°26'	25°38'	6°20'	21°49'	25°25'	29°17'	1°13'	29°26'	3°37'	2°45'
T 5	19 25 52	20°54'18"	1°54'18"	16°16'	7°59'	0°0'0"	25°51'	6°16'	21°46'	25°24'	29°17'	1° 9'	29°23'	3°44'	2°47'
W 6	19 29 49	21°51'36"	12°54'36"	17°35'	9° 5'	0°35'	26° 4'	6°11'	21°44'	25°22'	29°17'	1° 3'	29°20'	3°51'	2°48'
T 7	19 33 46	22°48'54"	24°47'54"	18°52'	10°11'	1°10'	26°17'	6° 7'	21°42'	25°21'	29°17'	0°55'	29°17'	3°57'	2°49'
F 8	19 37 42	23°46'13"	6°12'47"	20° 6'	11°18'	1°45'	26°30'	6° 3'	21°39'	25°19'	29°17'	0°45'	29°14'	4° 4'	2°51'
S 9	19 41 39	24°43'32"	18°53'32"	21°19'	12°24'	2°20'	26°43'	5°59'	21°37'	25°18'	29°18'	0°35'	29°10'	4°11'	2°52'
S 10	19 45 35	25°40'52"	1°11' 8"	22°28'	13°31'	2°56'	26°56'	5°54'	21°34'	25°17'	29°18'	0°26'	29° 7'	4°18'	2°53'
M 11	19 49 32	26°38'13"	13°34'32"	23°36'	14°38'	3°31'	27° 9'	5°50'	21°32'	25°15'	29°18'	0°17'	29° 4'	4°24'	2°54'
T 12	19 53 28	27°35'34"	26°11'28"	24°41'	15°45'	4° 7'	27°21'	5°45'	21°30'	25°14'	29°19'	0°11'	29° 1'	4°31'	2°55'
W 13	19 57 25	28°32'55"	9°12'25"	25°43'	16°52'	4°42'	27°34'	5°41'	21°27'	25°13'	29°19'	0° 7'	28°58'	4°38'	2°56'
T 14	20 1 21	29°30'17"	22°32'17"	26°42'	18° 0'	5°18'	27°47'	5°37'	21°25'	25°11'	29°19'	0° 5'	28°54'	4°44'	2°57'
F 15	20 5 18	0°12'740"	5°11'40"	27°38'	19° 7'	5°54'	27°59'	5°32'	21°22'	25°10'	29°20'	0°D 5'	28°51'	4°51'	2°58'
S 16	20 9 14	1°25'03"	19°29'03"	28°32'	20°15'	6°30'	28°12'	5°28'	21°20'	25° 9'	29°20'	0° 6'	28°48'	4°58'	2°59'
S 17	20 13 11	2°22'27"	3°17'41"	29°22'	21°22'	7° 6'	28°24'	5°23'	21°18'	25° 8'	29°21'	0°R 6'	28°45'	5° 4'	3° 0'
M 18	20 17 8	3°19'52"	18°14'52"	0°11' 9"	22°30'	7°42'	28°37'	5°19'	21°15'	25° 7'	29°21'	0° 5'	28°42'	5°11'	3° 0'
T 19	20 21 4	4°17'17"	3°17' 4"	0°53'	23°38'	8°19'	28°49'	5°14'	21°13'	25° 5'	29°22'	0° 1'	28°39'	5°18'	3° 1'
W 20	20 25 1	5°14'44"	18° 9'	1°32'	24°46'	8°55'	29° 2'	5°10'	21°11'	25° 4'	29°23'	29°M55	28°35'	5°24'	3° 1'
T 21	20 28 57	6°12'11"	3°16'16"	2° 8'	25°55'	9°32'	29°14'	5° 5'	21° 8'	25° 3'	29°23'	29°47'	28°32'	5°31'	3° 2'
F 22	20 32 54	7° 9'39"	18°16'39"	2°40'	27° 3'	10° 8'	29°26'	5° 1'	21° 6'	25° 2'	29°24'	29°38'	28°29'	5°38'	3° 2'
S 23	20 36 50	8° 7'08"	3°17' 0"	3° 8'	28°12'	10°45'	29°38'	4°56'	21° 4'	25° 1'	29°25'	29°28'	28°26'	5°44'	3° 3'
S 24	20 40 47	9° 4'38"	17°20'38"	3°31'	29°20'	11°22'	29°50'	4°52'	21° 2'	25° 0'	29°25'	29°19'	28°23'	5°51'	3° 3'
M 25	20 44 44	10° 2'10"	1°11'12"	3°50'	0°29'29"	11°59'	0°2' 2"	4°48'	20°59'	24°59'	29°26'	29°11'	28°20'	5°58'	3° 4'
T 26	20 48 40	10°59'43"	14°35'43"	4° 4'	1°38'	12°36'	0°14'	4°43'	20°57'	24°58'	29°27'	29° 6'	28°16'	6° 4'	3° 4'
W 27	20 52 37	11°57'17"	27°31'17"	4°13'	2°47'	13°14'	0°26'	4°39'	20°55'	24°57'	29°28'	29° 4'	28°13'	6°11'	3° 4'
T 28	20 56 33	12°54'53"	10°18'53"	4°R17'	3°56'	13°51'	0°38'	4°34'	20°53'	24°56'	29°29'	29°D 3'	28°10'	6°18'	3° 4'
F 29	21 0 30	13°52'31"	22°16'31"	4°15'	5° 5'	14°28'	0°49'	4°30'	20°51'	24°55'	29°30'	29° 3'	28° 7'	6°24'	3° 4'
S 30	21 4 26	14°50'10"	4°11'16"	4° 8'	6°15'	15° 6'	1° 1'	4°25'	20°48'	24°54'	29°31'	29°R 3'	28° 4'	6°31'	3°R 4'
S 31	21 8 23	15°47'51"	16°11'51"	3°11'55"	7°24'54"	15°44'54"	1°13'54"	4°21'54"	20°46'54"	24°53'54"	29°32'54"	29°M 2'	28°M 0'	6°38'54"	3°R 4'

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	22n25	17n28	1n34	18n34	1n 0	18n21	2s37	1n12	0n19	23n 7	0s17	19s24	0s44	22s14	0s31	22s13	1n12	4n14	16n31	20s28	20s 7	20n36	12n 3	0s24
S 2	22 17	19 42	0 31	18 3	0 52	18 35	2 36	0 58	0 18	23 8	0 17	19 25	0 44	22 14	0 31	22 13	1 12	4 13	16 31	20 28	20 6	20 35	12 4	0 25
S 3	22 9	21 4	0s34	17 30	0 44	18 49	2 34	0 43	0 17	23 9	0 17	19 27	0 45	22 15	0 31	22 13	1 12	4 13	16 30	20 28	20 6	20 34	12 4	0 25
M 4	22 1	21 29	1 36	16 58	0 35	19 2	2 32	0 29	0 16	23 9	0 17	19 28	0 45	22 15	0 31	22 13	1 12	4 12	16 29	20 28	20 5	20 34	12 4	0 25
T 5	21 52	20 56	2 34	16 25	0 26	19 14	2 29	0 14	0 15	23 10	0 17	19 29	0 45	22 15	0 32	22 13	1 12	4 12	16 29	20 27	20 4	20 33	12 5	0 25
W 6	21 43	19 28	3 25	15 53	0 17	19 27	2 27	0s 1	0 14	23 10	0 17	19 30	0 45	22 16	0 32	22 13	1 12	4 11	16 28	20 25	20 4	20 32	12 5	0 25
T 7	21 34	17 10	4 8	15 20	0 8	19 39	2 25	0 16	0 13	23 11	0 17	19 31	0 45	22 16	0 32	22 13	1 12	4 10	16 28	20 24	20 3	20 31	12 6	0 25
F 8	21 24	14 7	4 39	14 47	0s 2	19 50	2 23	0 31	0 12	23 11	0 16	19 32	0 45	22 17	0 32	22 13	1 12	4 10	16 27	20 22	20 2	20 30	12 6	0 25
S 9	21 14	10 28	4 59	14 14	0 12	20 2	2 20	0 46	0 11	23 11	0 16	19 34	0 45	22 17	0 32	22 13	1 12	4 9	16 27	20 20	20 2	20 29	12 6	0 25
S 10	21 4	6 20	5 5	13 42	0 23	20 12	2 18	1 1	0 10	23 12	0 16	19 35	0 45	22 17	0 32	22 13	1 12	4 9	16 26	20 18	20 1	20 28	12 6	0 25
M 11	20 53	1 54	4 57	13 10	0 34	20 23	2 15	1 16	0 9	23 12	0 16	19 36	0 45	22 18	0 32	22 13	1 12	4 8	16 25	20 16	20 0	20 27	12 7	0 26
T 12	20 42	2s41	4 35	12 38	0 45	20 33	2 12	1 31	0 8	23 12	0 16	19 37	0 45	22 18	0 32	22 13	1 12	4 7	16 25	20 15	20 0	20 26	12 7	0 26
W 13	20 30	7 15	3 58	12 7	0 56	20 42	2 10	1 46	0 7	23 13	0 16	19 38	0 46	22 18	0 32	22 13	1 12	4 6	16 24	20 14	19 59	20 25	12 7	0 26
T 14	20 19	11 34	3 8	11 36	1 7	20 51	2 7	2 1	0 6	23 13	0 16	19 39	0 46	22 19	0 32	22 13	1 12	4 6	16 24	20 13	19 58	20 24	12 7	0 26
F 15	20 6	15 26	2 7	11 6	1 19	21 0	2 4	2 16	0 6	23 13	0 16	19 41	0 46	22 19	0 32	22 13	1 12	4 5	16 23	20 13	19 57	20 23	12 8	0 26
S 16	19 54	18 33	0 56	10 36	1 31	21 8	2 1	2 31	0 5	23 14	0 16	19 42	0 46	22 20	0 32	22 13	1 12	4 4	16 22	20 14	19 57	20 22	12 8	0 26
S 17	19 41	20 38	0n19	10 7	1 42	21 15	1 58	2 46	0 4	23 14	0 16	19 43	0 46	22 20	0 32	22 13	1 12	4 4	16 22	20 14	19 56	20 21	12 8	0 26
M 18	19 28	21 24	1 35	9 40	1 54	21 22	1 55	3 1	0 3	23 14	0 16	19 44	0 46	22 20	0 32	22 13	1 12	4 3	16 21	20 13	19 55	20 20	12 8	0 26
T 19	19 14	20 42	2 46	9 13	2 6	21 29	1 52	3 17	0 2	23 14	0 16	19 45	0 46	22 21	0 32	22 13	1 12	4 2	16 21	20 13	19 55	20 19	12 8	0 26
W 20	19 0	18 31	3 47	8 48	2 19	21 35	1 49	3 32	0 1	23 14	0 16	19 47	0 46	22 21	0 32	22 13	1 12	4 1	16 20	20 11	19 54	20 18	12 8	0 27
T 21	18 46	15 4	4 31	8 24	2 31	21 40	1 46	3 47	0 0	23 15	0 15	19 48	0 46	22 21	0 32	22 13	1 12	4 1	16 19	20 10	19 53	20 17	12 8	0 27
F 22	18 32	10 41	4 57	8 1	2 43	21 45	1 43	4 2	0s 1	23 15	0 15	19 49	0 46	22 22	0 32	22 13	1 12	4 0	16 19	20 8	19 53	20 16	12 8	0 27
S 23	18 17	5 44	5 2	7 40	2 54	21 49	1 40	4 18	0 0	23 15	0 15	19 50	0 46	22 22										

SWISS EPHEMERIS for the year 1491

AUGUST 1491 JC

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Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁	♁
M 1	21 12 19	16 ^h 45'33"	27 ^h 11'55"	3°R37	8 ^h 34'	16 ^h 21'	1 ^h 24'	4°R17	20°R44	24°R52	29 ^h 33'	28°R59	27 ^h 57'	6 ^h 44'	3°R 4	
T 2	21 16 16	17°43'17"	9 ^h 43'	3 ^h 13'	9°43'	16°59'	1°35'	4 ^h 12'	20°Z42	24°Z51	29°34'	28 ^h 53'	27°54'	6°51'	3 ^h 4	
W 3	21 20 13	18°41'02"	2°43'	2°43'	10°53'	17°37'	1°47'	4° 8'	20°40'	24°51'	29°35'	28°44'	27°51'	6°58'	3° 4	
T 4	21 24 9	19°38'49"	3 ^h 37'	2° 8'	12° 3'	18°15'	1°58'	4° 4'	20°38'	24°50'	29°36'	28°33'	27°48'	7° 4'	3° 3	
F 5	21 28 6	20°36'37"	15°46'	1°29'	13°13'	18°54'	2° 9'	4° 0'	20°36'	24°49'	29°37'	28°20'	27°45'	7°11'	3° 3	
S 6	21 32 2	21°34'27"	28° 5'	0°45'	14°23'	19°32'	2°20'	3°56'	20°34'	24°48'	29°38'	28° 7'	27°41'	7°18'	3° 3	
S 7	21 35 59	22°32'18"	10 ^h 35'	29 ^h 57'	15°33'	20°10'	2°31'	3°51'	20°32'	24°48'	29°40'	27°54'	27°38'	7°24'	3° 2	
M 8	21 39 55	23°30'10"	23°15'	29° 6'	16°44'	20°49'	2°42'	3°47'	20°30'	24°47'	29°41'	27°42'	27°35'	7°31'	3° 2	
T 9	21 43 52	24°28'04"	6 ^h 7'	28°13'	17°54'	21°28'	2°53'	3°43'	20°29'	24°46'	29°42'	27°33'	27°32'	7°38'	3° 1	
W10	21 47 48	25°25'59"	19°10'	27°18'	19° 5'	22° 6'	3° 4'	3°39'	20°27'	24°46'	29°43'	27°27'	27°29'	7°44'	3° 0	
T 11	21 51 45	26°23'56"	2 ^h 26'	26°24'	20°15'	22°45'	3°14'	3°35'	20°25'	24°45'	29°45'	27°23'	27°25'	7°51'	3° 0	
F 12	21 55 41	27°21'53"	15°56'	25°30'	21°26'	23°24'	3°25'	3°31'	20°23'	24°45'	29°46'	27°22'	27°22'	7°58'	2°59	
S 13	21 59 38	28°19'53"	29°41'	24°38'	22°37'	24° 3'	3°35'	3°28'	20°21'	24°44'	29°47'	27°22'	27°19'	8° 4'	2°58	
S 14	22 3 35	29°17'53"	13 ^h 43'	23°50'	23°47'	24°42'	3°46'	3°24'	20°20'	24°44'	29°49'	27°22'	27°16'	8°11'	2°57	
M15	22 7 31	0 ^h 15'55"	28° 1'	23° 5'	24°58'	25°22'	3°56'	3°20'	20°18'	24°43'	29°50'	27°20'	27°13'	8°18'	2°56	
T 16	22 11 28	1°13'58"	12 ^h 33'	22°27'	26° 9'	26° 1'	4° 6'	3°16'	20°16'	24°43'	29°52'	27°16'	27°10'	8°24'	2°55	
W17	22 15 24	2°12'03"	27°15'	21°54'	27°21'	26°40'	4°16'	3°13'	20°15'	24°42'	29°53'	27° 9'	27° 6'	8°31'	2°54	
T 18	22 19 21	3°10'09"	12 ^h 22'	21°29'	28°32'	27°20'	4°26'	3° 9'	20°13'	24°42'	29°55'	27° 0'	27° 3'	8°38'	2°53	
F 19	22 23 17	4° 8'17"	26°45'	21°11'	29°43'	27°59'	4°36'	3° 6'	20°12'	24°42'	29°56'	26°49'	27° 0'	8°45'	2°52	
S 20	22 27 14	5° 6'27"	11 ^h 16'	21° 2'	0 ^h 55'	28°39'	4°46'	3° 2'	20°10'	24°42'	29°58'	26°37'	26°57'	8°51'	2°51	
S 21	22 31 10	6° 4'38"	25°29'	21°D 1	2° 6'	29°19'	4°55'	2°59'	20° 9'	24°41'	29°59'	26°27'	26°54'	8°58'	2°50	
M22	22 35 7	7° 2'51"	9°Y18'	21° 9'	3°18'	29°59'	5° 5'	2°56'	20° 7'	24°41'	0 ^h 1	26°18'	26°51'	9° 5'	2°48	
T 23	22 39 4	8° 1'06"	22°40'	21°26'	4°29'	0 ^h 39'	5°14'	2°52'	20° 6'	24°41'	0° 3	26°12'	26°47'	9°11'	2°47	
W24	22 43 0	8°59'23"	5 ^h 37'	21°52'	5°41'	1°19'	5°23'	2°49'	20° 5'	24°41'	0° 5	26° 8'	26°44'	9°18'	2°46	
T 25	22 46 57	9°57'42"	18°11'	22°26'	6°53'	1°59'	5°33'	2°46'	20° 3'	24°41'	0° 6	26° 7'	26°41'	9°25'	2°44	
F 26	22 50 53	10°56'03"	0 ^h 26'	23° 9'	8° 5'	2°39'	5°42'	2°43'	20° 2'	24°40'	0° 8	26°D 6	26°38'	9°31'	2°43	
S 27	22 54 50	11°54'27"	12°27'	24° 0'	9°17'	3°19'	5°51'	2°40'	20° 1'	24°40'	0°10'	26°R 7	26°35'	9°38'	2°41	
S 28	22 58 46	12°52'52"	24°20'	24°58'	10°29'	4° 0'	5°59'	2°37'	20° 0'	24°40'	0°12'	26° 6'	26°31'	9°45'	2°39	
M29	23 2 43	13°51'20"	6 ^h 9'	26° 4'	11°41'	4°40'	6° 8'	2°34'	19°59'	24°D40	0°13'	26° 4'	26°28'	9°51'	2°38	
T 30	23 6 39	14°49'50"	18° 0'	27°16'	12°53'	5°21'	6°17'	2°32'	19°58'	24°40'	0°15'	25°59'	26°25'	9°58'	2°36	
W31	23 10 36	15 ^h 48'22"	29 ^h 57'	28 ^h 35'	14 ^h 6'	6 ^h 2'	6 ^h 25'	2 ^h 29'	19 ^h 57'	24 ^h 40'	0 ^h 17'	25 ^h 52'	26 ^h 22'	10 ^h 5'	2 ^h 34	

Day	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁	♁	♁
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl
M 1	15n51	21n 3	2s27	6n 7	4s24	22n 3	1s10	6s36	0s10	23n15	0s15	20s 0	0s47	22s25	0s32	22s13
T 2	15 34	19 52	3 18	6 10	4 30	22 2	1 7	6 51	0 10	23 15	0 15	20 1	0 47	22 25	0 32	22 13
W 3	15 16	17 48	4 0	6 16	4 35	22 0	1 4	7 6	0 11	23 15	0 15	20 2	0 47	22 26	0 32	22 13
T 4	14 58	14 59	4 33	6 25	4 38	21 57	1 0	7 22	0 12	23 15	0 14	20 3	0 47	22 26	0 32	22 13
F 5	14 40	11 29	4 53	6 37	4 40	21 54	0 57	7 37	0 13	23 15	0 14	20 5	0 47	22 26	0 31	22 13
S 6	14 21	7 28	5 0	6 52	4 40	21 50	0 53	7 52	0 14	23 15	0 14	20 6	0 47	22 27	0 31	22 13
S 7	14 2 3	6 4	4 53	7 10	4 38	21 46	0 50	8 8	0 14	23 15	0 14	20 7	0 48	22 27	0 31	22 13
M 8	13 43	1s28	4 31	7 31	4 35	21 41	0 46	8 23	0 15	23 14	0 14	20 8	0 48	22 27	0 31	22 13
T 9	13 24	6 2	3 56	7 55	4 29	21 36	0 43	8 38	0 16	23 14	0 14	20 9	0 48	22 27	0 31	22 13
W10	13 5 10	25 3	7 8	8 20	4 22	21 29	0 40	8 53	0 17	23 14	0 14	20 10	0 48	22 28	0 31	22 13
T 11	12 45	14 21	2 8	8 47	4 13	21 23	0 36	9 9	0 18	23 14	0 14	20 11	0 48	22 28	0 31	22 13
F 12	12 25	17 37	1 0	9 16	4 2	21 15	0 33	9 24	0 18	23 14	0 14	20 12	0 48	22 28	0 31	22 13
S 13	12 5 19	56 0n12	9 45	3 49	21 7	0 29	9 39	0 19	23 14	0 14	20 13	0 48	22 28	0 31	22 13	
S 14	11 45	21 6	1 25	10 14	3 35	20 59	0 26	9 54	0 20	23 13	0 14	20 13	0 48	22 29	0 31	22 13
M15	11 25	20 55	2 34	10 43	3 19	20 49	0 23	10 9	0 21	23 13	0 14	20 14	0 48	22 29	0 31	22 13
T 16	11 4 19	21 3	3 35	11 12	3 2	20 40	0 19	10 24	0 21	23 13	0 14	20 15	0 48	22 29	0 31	22 13
W17	10 43	16 30	4 21	11 39	2 45	20 29	0 16	10 39	0 22	23 13	0 13	20 16	0 48	22 29	0 31	22 13
T 18	10 22	12 35	4 51	12 4	2 26	20 18	0 13	10 54	0 23	23 12	0 13	20 17	0 48	22 30	0 31	22 13
F 19	10 1	7 55	5 1	12 28	2 7	20 7	0 9	11 9	0 24	23 12	0 13	20 18	0 48	22 30	0 31	22 13
S 20	9 40	2 52	4 51	12 49	1 49	19 55	0 6	11 24	0 24	23 12	0 13	20 19	0 48	22 30	0 31	22 13
S 21	9 18	2n14	4 23	13 7	1 30	19 42	0 3	11 39	0 25	23 12	0 13	20 20	0 48	22 30	0 31	22 13
M22	8 57	7 5	3 41	13 22	1 11	19 29	0n 0	11 54	0 26	23 11	0 13	20 20	0 48	22 30	0 31	22 13
T 23	8 35	11 26	2 47	13 34	0 53	19 15	0 4	12 9	0 26	23 11	0 13	20 21	0 48	22 31	0 31	22 14
W24	8 13	15 6	1 46	13 43	0 35	19 1	0 7	12 23	0 27	23 11	0 13	20 22	0 48	22 31	0 31	22 14
T 25	7 51	17 58	0 42	13 47	0 18	18 46	0 10	12 38	0 28	23 10	0 13	20 23	0 48	22 31	0 31	22 14
F 26	7 29	19 55	0s23	13 49	0 2	18 30	0 13	12 52	0 29	23 10	0 13	20 23	0 48	22 31	0 31	22 14
S 27	7 7	20 56	1 26	13 46	0n13	18 14	0 16	13 7	0 29	23 10	0 13	20 24	0 48	22 31	0 31	22 14
S 28	6 44	20 59	2 24	13 40	0 28	17 58	0 19	13 21	0 30	23 9	0 13	20 25	0 48	22 32	0 31	22 14
M29	6 22	20 6	3 16	13 30	0 41	17 41	0 22	13 36	0 31	23 9	0 13	20 25	0 48	22 32	0 31	22 14
T 30	5 59	18 20	3 59	13 16	0 53	17 23	0 25	13 50	0 31	23 9	0 12	20 26	0 48	22 32	0 31	22 14
W31	5n37	15n47	4s32	12n59	1n 3	17n 5	0n28	14s 4	0s32	23n 8	0s12	20s27	0s48	22s32	0s31	22s14

Julian Day Number = 2265857.5, Delta T = 206.19 sec

Ecliptic obliquity = 23°30'14", Nutation = 0°00'16"

Ayanamsha: Fagan/Bradley = 17°38'48", Lahiri = 16°45'48" Julian Calendar 1 Aug. 1491 == Greg. Calendar 10 Aug. 1491

SWISS EPHEMERIS for the year 1491

SEPTEMBER 1491 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁
T 1	23 14 33	16 ^h 46'56	12 ^h 04	29 ^h 05'59	15 ^h 01'18	6 ^h 42	6 ^h 33	2°R26	19°R56	24 ^h 41	0 ^h 19	25°R42	26 ^h 19	10 ^h 11	2°R32
F 2	23 18 29	17°45'32	24°23	1 ^h 27	16°31	7°23	6°42	2 ^h 24	19 ^h 55	24°41	0°21	25 ^h 31	26°16	10°18	2 ^h 31
S 3	23 22 26	18°44'10	6 ^h 55	3° 0	17°43	8° 4	6°50	2°21	19°54	24°41	0°23	25°19	26°12	10°25	2°29
S 4	23 26 22	19°42'50	19°42	4°37	18°56	8°45	6°58	2°19	19°53	24°41	0°25	25° 7	26° 9	10°31	2°27
M 5	23 30 19	20°41'32	2 ^h 42	6°16	20° 9	9°26	7° 5	2°17	19°52	24°41	0°27	24°57	26° 6	10°38	2°25
T 6	23 34 15	21°40'16	15°55	7°58	21°21	10° 8	7°13	2°15	19°51	24°42	0°29	24°49	26° 3	10°45	2°23
W 7	23 38 12	22°39'02	29°19	9°43	22°34	10°49	7°21	2°13	19°51	24°42	0°31	24°44	26° 0	10°51	2°21
T 8	23 42 8	23°37'50	12 ^h 53	11°29	23°47	11°30	7°28	2°11	19°50	24°42	0°33	24°41	25°57	10°58	2°18
F 9	23 46 5	24°36'39	26°36	13°16	25° 0	12°12	7°35	2° 9	19°49	24°42	0°35	24°D41	25°53	11° 5	2°16
S 10	23 50 2	25°35'31	10 ^h 28	15° 4	26°13	12°53	7°42	2° 7	19°49	24°43	0°37	24°41	25°50	11°12	2°14
S 11	23 53 58	26°34'24	24°29	16°53	27°26	13°35	7°49	2° 5	19°48	24°43	0°39	24°R42	25°47	11°18	2°12
M12	23 57 55	27°33'19	8 ^h 37	18°42	28°39	14°17	7°56	2° 4	19°48	24°44	0°41	24°41	25°44	11°25	2° 9
T 13	0 1 51	28°32'15	22°53	20°31	29°53	14°59	8° 3	2° 2	19°48	24°44	0°43	24°39	25°41	11°32	2° 7
W14	0 5 48	29°31'14	7 ^h 23	22°20	1 ^h 6	15°41	8° 9	2° 1	19°47	24°45	0°45	24°34	25°37	11°38	2° 5
T 15	0 9 44	0 ^h 30'14	21°34	24° 9	2°19	16°23	8°15	2° 0	19°47	24°45	0°47	24°27	25°34	11°45	2° 2
F 16	0 13 41	1°29'16	5 ^h 50	25°57	3°33	17° 5	8°21	1°58	19°47	24°46	0°50	24°19	25°31	11°52	2° 0
S 17	0 17 37	2°28'19	19°58	27°45	4°46	17°47	8°27	1°57	19°46	24°47	0°52	24°10	25°28	11°58	1°57
S 18	0 21 34	3°27'25	3 ^h 50	29°33	6° 0	18°29	8°33	1°56	19°46	24°47	0°54	24° 2	25°25	12° 5	1°55
M19	0 25 30	4°26'33	17°24	1 ^h 20	7°13	19°11	8°39	1°55	19°46	24°48	0°56	23°56	25°22	12°12	1°52
T 20	0 29 27	5°25'43	0 ^h 37	3° 6	8°27	19°54	8°45	1°54	19°46	24°49	0°58	23°51	25°18	12°18	1°50
W21	0 33 24	6°24'55	13°30	4°52	9°40	20°36	8°50	1°54	19°D46	24°49	1° 1	23°48	25°15	12°25	1°47
T 22	0 37 20	7°24'09	26° 2	6°37	10°54	21°19	8°55	1°53	19°46	24°50	1° 3	23°D48	25°12	12°32	1°44
F 23	0 41 17	8°23'26	8 ^h 11	8°21	12° 8	22° 1	9° 0	1°53	19°46	24°51	1° 5	23°49	25° 9	12°38	1°42
S 24	0 45 13	9°22'45	20°19	10° 5	13°22	22°44	9° 5	1°52	19°46	24°52	1° 8	23°50	25° 6	12°45	1°39
S 25	0 49 10	10°22'06	2 ^h 13	11°47	14°36	23°27	9°10	1°52	19°47	24°53	1°10	23°51	25° 2	12°52	1°36
M26	0 53 6	11°21'30	14° 3	13°30	15°50	24°10	9°14	1°52	19°47	24°54	1°12	23°R52	24°59	12°58	1°34
T 27	0 57 3	12°20'56	25°55	15°11	17° 4	24°53	9°19	1°51	19°47	24°55	1°14	23°51	24°56	13° 5	1°31
W28	1 0 59	13°20'24	7 ^h 54	16°51	18°18	25°36	9°23	1°D51	19°47	24°56	1°17	23°48	24°53	13°12	1°28
T 29	1 4 56	14°19'55	20° 5	18°31	19°32	26°19	9°27	1°52	19°48	24°57	1°19	23°43	24°50	13°19	1°25
F 30	1 8 53	15°19'28	2 ^h 30	20°11	20 ^h 46	27 ^h 11	9°31	1 ^h 52	19°48	24°58	1 ^h 21	23 ^h 37	24 ^h 47	13°25	1 ^h 22

Day	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁	♁									
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat									
T 1	5n14	12n31	4s54	12n39	1n13	16n47	0n31	14s18	0s33	23n 8	0s12	20s27	0s48	22s32	0s31	22s14	1n10	3n22	15n58	19s14	19s23	19n33	11n54	0s31
F 2	4 51	8 41	5 2	12 15	1 22	16 28	0 33	14 32	0 33	23 8	0 12	20 28	0 48	22 32	0 31	22 14	1 10	3 21	15 58	19 12	19 22	19 32	11 53	0 32
S 3	4 28	4 24	4 56	11 49	1 29	16 8	0 36	14 46	0 34	23 7	0 12	20 28	0 49	22 32	0 31	22 14	1 10	3 20	15 57	19 9	19 21	19 31	11 52	0 32
S 4	4 5	0s 8	4 35	11 19	1 35	15 48	0 39	15 0	0 35	23 7	0 12	20 29	0 49	22 32	0 31	22 14	1 10	3 19	15 57	19 6	19 21	19 30	11 51	0 32
M 5	3 42	4 45	4 0	10 47	1 40	15 28	0 41	15 14	0 35	23 7	0 12	20 30	0 49	22 33	0 31	22 14	1 10	3 18	15 57	19 3	19 20	19 28	11 51	0 32
T 6	3 19	9 13	3 11	10 13	1 44	15 7	0 44	15 28	0 36	23 6	0 12	20 30	0 49	22 33	0 31	22 14	1 10	3 17	15 56	19 1	19 19	19 27	11 50	0 32
W 7	2 55	13 18	2 11	9 37	1 48	14 46	0 47	15 41	0 37	23 6	0 12	20 31	0 49	22 33	0 31	22 14	1 10	3 16	15 56	19 0	19 18	19 26	11 49	0 32
T 8	2 32	16 44	1 3	8 58	1 50	14 24	0 49	15 55	0 37	23 6	0 12	20 31	0 49	22 33	0 31	22 14	1 10	3 15	15 56	18 59	19 18	19 25	11 48	0 32
F 9	2 9	19 17	0n10	8 18	1 51	14 2	0 51	16 8	0 38	23 5	0 12	20 31	0 49	22 33	0 31	22 14	1 10	3 14	15 55	18 59	19 17	19 24	11 47	0 32
S 10	1 45	20 42	1 24	7 37	1 52	13 39	0 54	16 22	0 38	23 5	0 12	20 32	0 49	22 33	0 31	22 14	1 9	3 13	15 55	18 59	19 16	19 23	11 46	0 32
S 11	1 22	20 51	2 33	6 55	1 52	13 16	0 56	16 35	0 39	23 5	0 12	20 32	0 49	22 33	0 31	22 15	1 9	3 12	15 55	19 0	19 15	19 22	11 46	0 33
M12	0 58	19 41	3 33	6 11	1 51	12 53	0 58	16 48	0 40	23 5	0 11	20 33	0 49	22 33	0 31	22 15	1 9	3 11	15 54	18 59	19 15	19 20	11 45	0 33
T 13	0 35	17 16	4 21	5 27	1 49	12 29	1 1	17 1	0 40	23 4	0 11	20 33	0 49	22 33	0 31	22 15	1 9	3 10	15 54	18 59	19 14	19 19	11 44	0 33
W14	0 11	13 48	4 52	4 41	1 47	12 5	1 3	17 14	0 41	23 4	0 11	20 33	0 49	22 33	0 31	22 15	1 9	3 9	15 54	18 58	19 13	19 18	11 43	0 33
T 15	0s12	9 32	5 6	3 56	1 44	11 41	1 5	17 26	0 41	23 4	0 11	20 34	0 49	22 33	0 31	22 15	1 9	3 8	15 53	18 56	19 12	19 17	11 42	0 33
F 16	0 36	4 45	5 0	3 10	1 41	11 16	1 7	17 39	0 42	23 3	0 11	20 34	0 49	22 33	0 31	22 15	1 9	3 7	15 53	18 54	19 12	19 16	11 41	0 33
S 17	0 59	0n14	4 36	2 23	1 38	10 51	1 9	17 52	0 43	23 3	0 11	20 34	0 49	22 33	0 31	22 15	1 9	3 6	15 53	18 52	19 11	19 14	11 40	0 33
S 18	1 23	5 8	3 56	1 37	1 34	10 26	1 10	18 4	0 43	23 3	0 11	20 34	0 49	22 33	0 31	22 15	1 9	3 5	15 53	18 50	19 10	19 13	11 39	0 33
M19	1 46	9 40	3 3	0 50	1 29	10 0	1 12	18 16	0 44	23 2	0 11	20 35	0 49	22 33	0 31	22 15	1 9	3 4	15 52	18 48	19 9	19 12	11 38	0 33
T 20	2 10	13 37	2 2	0 3	1 25	9 34	1 14	18 28	0 44	23 2	0 11	20 35	0 49	22 33	0 31	22 15	1 9	3 3	15 52	18 47	19 9	19 11	11 37	0 33
W21	2 33	16 49	0 55	0s43	1 20	9 8	1 16	18 40	0 45	23 2	0 11	20 35	0 49	22 33	0 31	22 15	1 9	3 2	15 52	18 47	19 8	19 10	11 36	0 34
T 22	2 57	19 7	0s12	1 30	1 14	8 41	1 17	18 52	0 45	23 2	0 11	20 35	0 49	22 33	0 31	22 15	1 9	3 1	15 52	18 46	19 7	19 8	11 35	0 34
F 23	3 20	20 28	1 18	2 16	1 9	8 14	1 19	19 4	0 46	23 1	0 11	20 35	0 49	22 33	0 31	22 15	1 9	3 0	15 51	18 47	19 6	19 7	11 34	0 34
S 24	3 44	20 51	2 19	3 2	1 3	7 47	1 20	19 15	0 46	23 1	0 10	20 35	0 49	22 33	0 31	22 15	1 9	2 59	15 51	18 47	19 5	19 6	11 33	0 34
S 25	4 7	20 16	3 13	3 48	0 57	7 20	1 22	19 27	0 47	23 1	0 10	20 35	0 49	22 33	0 31	22 16	1 9	2 58	15 51	18 47	19 5	19 5	11 32	0 34
M26	4 30	18 48	3 59	4 33	0 51	6 53	1 23	19 38	0 47	23 1	0 10	20 35	0 49	22 33	0 31	22 16	1 9	2 57	15 51	18 47	19 4	19 4	11 31	0 34
T 27	4 54	16 31	4 35	5 18	0 45	6 25	1 24	19 49	0 48	23 0	0 10	20 35	0 49	22 33	0 31	22 16	1 9	2 57	15 50	18 47	19 3	19 2	11 30	0 34
W28	5 17	13 32	4 59	6 3	0 38	5 57	1 25	20 0	0 49	23 0	0 10	20 35	0 49	22 33	0 31	22 16	1 9	2 56	15 50	18 46	19 2	19 1	11 29	0 34
T 29	5 40	9 56	5 10	6 47	0																			

SWISS EPHEMERIS for the year 1491

OCTOBER 1491 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
S 1	1 12 49	16♌19°03	15♎12	21♌49	22♎1	27♎45	9♄34	1♃52	19♃49	24♂59	1♎24	23°R31	24♎43	13♄32	1°R19
S 2	1 16 46	17°18'40	28°12	23°27	23°15	28°28	9°38	1°52	19°49	25° 0	1°26	23♎24	24°40	13°39	1♃17
M 3	1 20 42	18°18'19	11♌31	25° 4	24°29	29°12	9°41	1°53	19°50	25° 1	1°29	23°19	24°37	13°45	1°14
T 4	1 24 39	19°18'01	25° 6	26°41	25°44	29°55	9°44	1°53	19°51	25° 2	1°31	23°14	24°34	13°52	1°11
W 5	1 28 35	20°17'44	8♎55	28°17	26°58	0♂39	9°47	1°54	19°51	25° 3	1°33	23°12	24°31	13°59	1° 8
T 6	1 32 32	21°17'30	22°55	29°52	28°12	1°22	9°50	1°55	19°52	25° 4	1°36	23°D11	24°28	14° 5	1° 5
F 7	1 36 28	22°17'17	7♂ 3	1♎27	29°27	2° 6	9°52	1°56	19°53	25° 6	1°38	23°12	24°24	14°12	1° 2
S 8	1 40 25	23°17'06	21°14	3° 1	0♌41	2°50	9°54	1°57	19°54	25° 7	1°41	23°13	24°21	14°19	0°59
S 9	1 44 22	24°16'57	5♄27	4°35	1°56	3°34	9°56	1°58	19°55	25° 8	1°43	23°15	24°18	14°25	0°56
M10	1 48 18	25°16'49	19°40	6° 8	3°11	4°18	9°58	1°59	19°56	25°10	1°45	23°R15	24°15	14°32	0°53
T 11	1 52 15	26°16'43	3♄49	7°41	4°25	5° 1	10° 0	2° 0	19°57	25°11	1°48	23°15	24°12	14°39	0°50
W12	1 56 11	27°16'39	17°54	9°13	5°40	5°46	10° 2	2° 2	19°58	25°12	1°50	23°14	24° 8	14°46	0°47
T 13	2 0 8	28°16'36	1♂52	10°45	6°55	6°30	10° 3	2° 3	19°59	25°14	1°53	23°12	24° 5	14°52	0°44
F 14	2 4 4	5°17'06	15°41	12°16	8° 9	7°14	10° 4	2° 5	20° 0	25°15	1°55	23° 8	24° 2	14°59	0°41
S 15	2 8 1	0♎16'36	29°20	13°47	9°24	7°58	10° 5	2° 7	20° 1	25°17	1°58	23° 5	23°59	15° 6	0°38
S 16	2 11 57	1°16'38	12♎45	15°17	10°39	8°42	10° 6	2° 8	20° 2	25°18	2° 0	23° 1	23°56	15°12	0°35
M17	2 15 54	2°16'42	25°57	16°47	11°54	9°27	10° 6	2°10	20° 4	25°20	2° 2	22°59	23°53	15°19	0°32
T 18	2 19 50	3°16'48	8♄52	18°16	13° 9	10°11	10° 7	2°12	20° 5	25°21	2° 5	22°57	23°49	15°26	0°29
W19	2 23 47	4°16'56	21°32	19°44	14°23	10°56	10°R 7	2°14	20° 6	25°23	2° 7	22°D56	23°46	15°32	0°26
T 20	2 27 44	5°17'06	3♎57	21°13	15°38	11°40	10° 7	2°17	20° 8	25°24	2°10	22°57	23°43	15°39	0°23
F 21	2 31 40	6°17'18	16° 9	22°40	16°53	12°25	10° 7	2°19	20° 9	25°26	2°12	22°58	23°40	15°46	0°20
S 22	2 35 37	7°17'32	28°10	24° 7	18° 8	13° 9	10° 6	2°21	20°11	25°28	2°15	22°59	23°37	15°52	0°17
S 23	2 39 33	8°17'48	10♄ 3	25°34	19°23	13°54	10° 6	2°24	20°13	25°29	2°17	23° 1	23°34	15°59	0°14
M24	2 43 30	9°18'05	21°54	27° 0	20°38	14°39	10° 5	2°26	20°14	25°31	2°19	23° 2	23°30	16° 6	0°11
T 25	2 47 26	10°18'25	3♎46	28°25	21°53	15°24	10° 4	2°29	20°16	25°33	2°22	23° 3	23°27	16°13	0° 8
W26	2 51 23	11°18'47	15°44	29°50	23° 9	16° 9	10° 3	2°32	20°18	25°34	2°24	23°R 3	23°24	16°19	0° 5
T 27	2 55 20	12°19'10	27°53	1♂13	24°24	16°54	10° 1	2°34	20°19	25°36	2°27	23° 2	23°21	16°26	0° 2
F 28	2 59 16	13°19'36	10♎18	2°36	25°39	17°39	9°59	2°37	20°21	25°38	2°29	23° 1	23°18	16°33	29♎59
S 29	3 3 13	14°20'03	23° 1	3°58	26°54	18°24	9°58	2°40	20°23	25°40	2°31	23° 0	23°14	16°39	29°56
S 30	3 7 9	15°20'33	6♌ 7	5°19	28° 9	19° 9	9°56	2°44	20°25	25°42	2°34	22°59	23°11	16°46	29°53
MB1	3 11 6	16♎21°04	19♌35	6♂39	29♌24	19♂54	9♄53	2♃47	20♃27	25♂43	2♎36	22♎58	23♎ 8	16♄53	29♎50

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	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat			
S 1	6s26	1n25	4s49	8s14	0n19	4n32	1n28	20s31	0s50	23n 0	0s10	20s35	0s49	22s33	0s31	22s16	1n 9	2n53	15n50	18s42	19s 0	18n57	11n26	0s35
S 2	6 49	3s11	4 15	8 57	0 12	4 3	1 29	20 42	0 50	22 59	0 10	20 35	0 49	22 32	0 31	22 16	1 8	2 52	15 50	18 40	18 59	18 56	11 24	0 35
M 3	7 12	7 45	3 28	9 39	0 5	3 34	1 30	20 52	0 51	22 59	0 10	20 35	0 49	22 32	0 31	22 16	1 8	2 51	15 49	18 39	18 58	18 55	11 23	0 35
T 4	7 34	12 1	2 27	10 21	0s 2	3 6	1 31	21 2	0 51	22 59	0 10	20 35	0 49	22 32	0 31	22 16	1 8	2 50	15 49	18 38	18 58	18 54	11 22	0 35
W 5	7 57	15 44	1 17	11 1	0 9	2 37	1 32	21 11	0 52	22 59	0 9	20 35	0 49	22 32	0 31	22 16	1 8	2 49	15 49	18 37	18 57	18 52	11 21	0 35
T 6	8 20	18 35	0 1	11 42	0 15	2 7	1 32	21 21	0 52	22 59	0 9	20 35	0 49	22 32	0 31	22 16	1 8	2 48	15 49	18 37	18 56	18 51	11 20	0 35
F 7	8 42	20 19	1n15	12 21	0 22	1 38	1 33	21 30	0 53	22 59	0 9	20 34	0 49	22 32	0 30	22 17	1 8	2 47	15 49	18 37	18 55	18 50	11 19	0 35
S 8	9 4	20 45	2 28	13 0	0 29	1 9	1 33	21 39	0 53	22 59	0 9	20 34	0 49	22 32	0 30	22 17	1 8	2 46	15 49	18 38	18 55	18 49	11 18	0 35
S 9	9 26	19 52	3 31	13 39	0 36	0 39	1 33	21 48	0 54	22 59	0 9	20 34	0 49	22 31	0 30	22 17	1 8	2 45	15 49	18 38	18 54	18 47	11 17	0 35
M10	9 48	17 44	4 22	14 16	0 42	0 10	1 34	21 57	0 54	22 59	0 9	20 34	0 49	22 31	0 30	22 17	1 8	2 45	15 49	18 38	18 53	18 46	11 15	0 35
T 11	10 10	14 33	4 56	14 53	0 49	0s19	1 34	22 5	0 55	22 59	0 9	20 33	0 49	22 31	0 30	22 17	1 8	2 44	15 48	18 38	18 52	18 45	11 14	0 36
W12	10 32	10 33	5 13	15 29	0 55	0 49	1 34	22 14	0 55	22 59	0 9	20 33	0 49	22 31	0 30	22 17	1 8	2 43	15 48	18 38	18 51	18 44	11 13	0 36
T 13	10 53	6 0	5 10	16 4	1 2	1 19	1 34	22 22	0 55	22 59	0 9	20 33	0 49	22 31	0 30	22 17	1 8	2 42	15 48	18 37	18 51	18 42	11 12	0 36
F 14	11 15	1 12	4 50	16 39	1 8	1 48	1 34	22 30	0 56	22 59	0 9	20 32	0 49	22 31	0 30	22 17	1 8	2 41	15 48	18 36	18 50	18 41	11 11	0 36
S 15	11 36	3n37	4 14	17 12	1 15	2 18	1 34	22 37	0 56	22 59	0 9	20 32	0 49	22 30	0 30	22 17	1 8	2 40	15 48	18 36	18 49	18 40	11 10	0 36
S 16	11 57	8 11	3 24	17 45	1 21	2 47	1 34	22 45	0 57	22 59	0 8	20 32	0 49	22 30	0 30	22 17	1 8	2 39	15 48	18 35	18 48	18 38	11 9	0 36
M17	12 18	12 16	2 23	18 17	1 27	3 17	1 34	22 52	0 57	22 59	0 8	20 31	0 49	22 30	0 30	22 17	1 8	2 39	15 48	18 34	18 48	18 37	11 7	0 36
T 18	12 38	15 43	1 17	18 48	1 33	3 46	1 33	22 59	0 57	22 59	0 8	20 31	0 49	22 30	0 30	22 18	1 8	2 38	15 48	18 34	18 47	18 36	11 6	0 36
W19	12 59	18 19	0 8	19 18	1 38	4 16	1 33	23 6	0 58	22 59	0 8	20 30	0 49	22 30	0 30	22 18	1 8	2 37	15 48	18 33	18 46	18 35	11 5	0 36
T 20	13 19	20 0	1s 1	19 47	1 44	4 45	1 33	23 12	0 58	22 59	0 8	20 30	0 49	22 29	0 30	22 18	1 8	2 36	15 48	18 34	18 45	18 33	11 4	0 36
F 21	13 39	20 43	2 5	20 15	1 49	5 14	1 32	23 19	0 59	22 59	0 8	20 29	0 49	22 29	0 30	22 18	1 8	2 35	15 48	18 34	18 44	18 32	11 3	0 36
S 22	13 59	20 27	3 3	20 42	1 54	5 43	1 32	23 25	0 59	22 59	0 8	20 29	0 49	22 29	0 30	22 18	1 8	2 35	15 48	18 34	18 44	18 31	11 2	0 37
S 23	14 19	19 16	3 52	21 8	1 59	6 12	1 31	23 31	0 59	22 59	0 8	20 28	0 49	22 29	0 30	22 18	1 8	2 34	15 48	18 35	18 43	18 29	11 1	0 37
M24																								

SWISS EPHEMERIS for the year 1491

NOVEMBER 1491 JC

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Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁
T 1	3 15 2	17 ^h 21 ^m 37 ^s	3 ^h 26 ^m	7 ^h 58 ^m	0 ^h 40 ^m	20 ^h 40 ^m	9°R51	2 ^h 50 ^m	20 ^h 29 ^m	25 ^h 45 ^m	2 ^h 39 ^m	22°R57	23 ^h 5 ^m	16 ^h 59 ^m	29°R47
W 2	3 18 59	18°22'11"	17°37'	9°15'	1°55'	21°25'	9 ^h 48 ^m	2°53'	20°31'	25°47'	2°41'	22°D57	23° 2'	17° 6'	29°V45
T 3	3 22 55	19°22'48"	2 ^h 4'	10°30'	3°10'	22°11'	9°45'	2°57'	20°33'	25°49'	2°43'	22 ^h 57 ^m	22°59'	17°13'	29°42
F 4	3 26 52	20°23'25"	16°40'	11°44'	4°25'	22°56'	9°42'	3° 1'	20°35'	25°51'	2°46'	22°57'	22°55'	17°19'	29°39
S 5	3 30 48	21°24'04"	1 ^h 20 ^m	12°55'	5°41'	23°42'	9°39'	3° 4'	20°37'	25°53'	2°48'	22°58'	22°52'	17°26'	29°36
S 6	3 34 45	22°24'45"	15°57'	14° 5'	6°56'	24°27'	9°36'	3° 8'	20°40'	25°55'	2°50'	22°58'	22°49'	17°33'	29°34
M 7	3 38 42	23°25'26"	0 ^h 26 ^m	15°11'	8°11'	25°13'	9°32'	3°12'	20°42'	25°57'	2°53'	22°R58	22°46'	17°40'	29°31
T 8	3 42 38	24°26'08"	14°42'	16°14'	9°27'	25°58'	9°28'	3°16'	20°44'	25°59'	2°55'	22°58'	22°43'	17°46'	29°28
W 9	3 46 35	25°26'52"	28°44'	17°14'	10°42'	26°44'	9°24'	3°20'	20°46'	26° 1'	2°57'	22°D58	22°39'	17°53'	29°26
T 10	3 50 31	26°27'36"	12 ^h 30 ^m	18°10'	11°57'	27°30'	9°20'	3°24'	20°49'	26° 3'	3° 0'	22°58'	22°36'	18° 0'	29°23
F 11	3 54 28	27°28'22"	26° 1'	19° 1'	13°13'	28°16'	9°16'	3°28'	20°51'	26° 5'	3° 2'	22°58'	22°33'	18° 6'	29°20
S 12	3 58 24	28°29'08"	9 ^h 16 ^m	19°47'	14°28'	29° 2'	9°12'	3°32'	20°54'	26° 7'	3° 4'	22°59'	22°30'	18°13'	29°18
S 13	4 2 21	29°29'56"	22°17'	20°27'	15°43'	29°48'	9° 7'	3°36'	20°56'	26° 9'	3° 6'	22°59'	22°27'	18°20'	29°15
M14	4 6 17	0 ^h 30 ^m 44 ^s	5 ^h 4'	21° 0'	16°59'	0 ^h 34 ^m	9° 2'	3°41'	20°59'	26°11'	3° 9'	23° 0'	22°24'	18°26'	29°13
T 15	4 10 14	1°31'34"	17°39'	21°27'	18°14'	1°20'	8°57'	3°45'	21° 1'	26°13'	3°11'	23°R 0'	22°20'	18°33'	29°10
W16	4 14 11	2°32'25"	0 ^h 33 ^m	21°44'	19°30'	2° 6'	8°52'	3°50'	21° 4'	26°15'	3°13'	23° 0'	22°17'	18°40'	29° 8
T 17	4 18 7	3°33'17"	12°16'	21°R53	20°45'	2°52'	8°46'	3°55'	21° 6'	26°17'	3°15'	23° 0'	22°14'	18°47'	29° 6
F 18	4 22 4	4°34'10"	24°51'	21°52'	22° 0'	3°38'	8°41'	3°59'	21° 9'	26°20'	3°17'	22°58'	22°11'	18°53'	29° 3
S 19	4 26 0	5°35'04"	6 ^h 21 ^m 18 ^s	21°41'	23°16'	4°24'	8°35'	4° 4'	21°12'	26°22'	3°19'	22°57'	22° 8'	19° 0'	29° 1
S 20	4 29 57	6°36'00"	18°11'	21°18'	24°31'	5°11'	8°29'	4° 9'	21°15'	26°24'	3°22'	22°55'	22° 5'	19° 7'	28°59
M21	4 33 53	7°36'56"	0 ^h 21 ^m	20°44'	25°47'	5°57'	8°24'	4°14'	21°17'	26°26'	3°24'	22°52'	22° 1'	19°13'	28°57
T 22	4 37 50	8°37'54"	11°53'	19°59'	27° 2'	6°43'	8°17'	4°19'	21°20'	26°28'	3°26'	22°50'	21°58'	19°20'	28°54
W23	4 41 47	9°38'53"	23°49'	19° 3'	28°18'	7°30'	8°11'	4°24'	21°23'	26°30'	3°28'	22°49'	21°55'	19°27'	28°52
T 24	4 45 43	10°39'53"	5 ^h 55 ^m 55 ^s	17°58'	29°33'	8°16'	8° 5'	4°29'	21°26'	26°33'	3°30'	22°D48	21°52'	19°33'	28°50
F 25	4 49 40	11°40'54"	18°15'	16°45'	0 ^h 49 ^m 49 ^s	9° 2'	7°58'	4°34'	21°29'	26°35'	3°32'	22°48'	21°49'	19°40'	28°48
S 26	4 53 36	12°41'57"	0 ^h 25 ^m 53 ^s	15°26'	2° 4'	9°49'	7°52'	4°39'	21°32'	26°37'	3°34'	22°49'	21°45'	19°47'	28°46
S 27	4 57 33	13°43'00"	13°54'	14° 3'	3°20'	10°36'	7°45'	4°45'	21°35'	26°39'	3°36'	22°50'	21°42'	19°54'	28°44
M28	5 1 29	14°44'04"	27°20'	12°40'	4°35'	11°22'	7°38'	4°50'	21°38'	26°41'	3°38'	22°52'	21°39'	20° 0'	28°42
T 29	5 5 26	15°45'10"	11 ^h 13 ^m 13 ^s	11°20'	5°51'	12° 9'	7°31'	4°56'	21°41'	26°44'	3°40'	22°53'	21°36'	20° 7'	28°41
W30	5 9 22	16°46'16"	25 ^h 13 ^m 33 ^s	10 ^h 47 ^m 4 ^s	7 ^h 47 ^m 6 ^s	12 ^h 25 ^m 55 ^s	7 ^h 24 ^m	5 ^h 21 ^m 1 ^s	21 ^h 24 ^m 44 ^s	26 ^h 46 ^m 46 ^s	3 ^h 42 ^m 42 ^s	22°R53	21 ^h 13 ^m 33 ^s	20 ^h 26 ^m 14 ^s	28 ^h 47 ^m 39 ^s

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	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat									
T 1	17s 4	14s22	1s46	24s10	2s31	10s27	1n22	24s13	1s 2	23n 2	0s 7	20s22	0s49	22s26	0s30	22s19	1n 7	2n27	15n49	18s34	18s36	18n17	10n51	0s37
W 2	17 21	17 36	0 30	24 24	2 32	10 54	1 21	24 16	1 3 23	2 0	7 20	21 0	49 22	26 0	30 22	19 1	7 2	27 15	49 18	34 18	35 18	16 10	50 10	0 37
T 3	17 37	19 48	0n50	24 37	2 33	11 21	1 20	24 19	1 3 23	2 0	6 20	20 0	49 22	25 0	30 22	19 1	7 2	26 15	49 18	34 18	34 18	15 10	49 0	0 38
F 4	17 54	20 43	2 8	24 48	2 34	11 48	1 18	24 22	1 3 23	3 0	6 20	20 0	49 22	25 0	30 22	19 1	7 2	25 15	49 18	34 18	33 18	13 10	48 0	0 38
S 5	18 10	20 12	3 17	24 57	2 34	12 14	1 17	24 25	1 3 23	3 0	6 20	19 0	49 22	25 0	30 22	19 1	7 2	25 15	49 18	34 18	32 18	12 10	46 0	0 38
S 6	18 25	18 21	4 14	25 5	2 33	12 41	1 16	24 27	1 4 23	3 0	6 20	18 0	49 22	24 0	30 22	19 1	7 2	24 15	49 18	34 18	32 18	11 10	45 0	0 38
M 7	18 41	15 20	4 53	25 11	2 32	13 6	1 14	24 29	1 4 23	4 0	6 20	17 0	49 22	24 0	30 22	19 1	7 2	24 15	49 18	34 18	31 18	9 10	44 0	0 38
T 8	18 56	11 27	5 14	25 16	2 30	13 32	1 12	24 31	1 4 23	4 0	6 20	16 0	49 22	24 0	30 22	19 1	7 2	23 15	50 18	34 18	30 18	8 10	43 0	0 38
W 9	19 11	7 0	5 16	25 19	2 27	13 57	1 11	24 32	1 4 23	4 0	6 20	15 0	49 22	23 0	30 22	20 1	7 2	22 15	50 18	34 18	29 18	7 10	42 0	0 38
T 10	19 25	2 16	4 59	25 21	2 23	14 22	1 9	24 33	1 5 23	5 0	6 20	14 0	49 22	23 0	30 22	20 1	7 2	22 15	50 18	34 18	28 18	5 10	41 0	0 38
F 11	19 39	2n29	4 26	25 20	2 18	14 47	1 7	24 34	1 5 23	5 0	5 20	13 0	49 22	22 0	30 22	20 1	7 2	21 15	50 18	34 18	28 18	4 10	40 0	0 38
S 12	19 53	7 3	3 40	25 18	2 12	15 11	1 6	24 35	1 5 23	6 0	5 20	12 0	49 22	22 0	30 22	20 1	7 2	21 15	50 18	34 18	27 18	3 10	39 0	0 38
S 13	20 6	11 12	2 42	25 14	2 5	15 34	1 4	24 36	1 5 23	6 0	5 20	11 0	49 22	22 0	30 22	20 1	7 2	20 15	50 18	34 18	26 18	1 10	39 0	0 38
M14	20 19	14 47	1 38	25 8	1 57	15 58	1 2	24 36	1 6 23	7 0	5 20	10 0	49 22	21 0	30 22	20 1	7 2	20 15	51 18	34 18	25 18	0 10	38 0	0 38
T 15	20 31	17 37	0 30	25 0	1 47	16 21	1 0	24 36	1 6 23	7 0	5 20	9 0	49 22	21 0	30 22	20 1	7 2	19 15	51 18	34 18	24 17	58 10	37 0	0 38
W16	20 43	19 35	0s39	24 51	1 36	16 43	0 58	24 35	1 6 23	8 0	5 20	8 0	49 22	20 0	30 22	20 1	7 2	19 15	51 18	34 18	23 17	57 10	36 0	0 38
T 17	20 55	20 36	1 45	24 39	1 24	17 5	0 56	24 34	1 6 23	8 0	5 20	7 0	49 22	20 0	30 22	20 1	7 2	18 15	51 18	34 18	23 17	56 10	35 0	0 39
F 18	21 7	20 38	2 45	24 25	1 10	17 27	0 54	24 34	1 6 23	9 0	5 20	6 0	49 22	20 0	30 22	20 1	7 2	18 15	52 18	34 18	22 17	54 10	34 0	0 39
S 19	21 18	19 44	3 37	24 9	0 55	17 48	0 52	24 32	1 6 23	9 0	4 20	5 0	49 22	19 0	30 22	20 1	7 2	17 15	52 18	34 18	21 17	53 10	33 0	0 39
S 20	21 28	17 58	4 20	23 51	0 38	18 9	0 50	24 31	1 7 23	10 0	4 20	4 0	49 22	19 0	30 22	20 1	7 2	17 15	52 18	33 18	20 17	52 10	32 0	0 39
M21	21 38	15 27	4 51	23 31	0 21	18 29	0 48	24 29	1 7 23	10 0	4 20	2 0	49 22	18 0	30 22	21 1	7 2	16 15	52 18	32 18	19 17	50 10	31 0	0 39
T 22	21 48	12 18	5 10	23 9	0 2	18 49	0 46	24 27	1 7 23	11 0	4 20	1 0	49 22	18 0	30 22	21 1	7 2	16 15	53 18	32 18	19 17	49 10	31 0	0 39
W23	21 57	8 39	5 16	22 45	0n18	19 8	0 43	24 24	1 7 23	11 0	4 20	0 0	49 22	17 0	30 22	21 1	7 2	16 15	53 18	31 18	18 17	47 10	30 0	0 39
T 24	22 6	4 36	5 8	22 19	0 38	19 26	0 41	24 22	1 7 23	12 0	4 19	59 0	49 22	17 0	30 22	21 1	7 2	15 15	53 18	31 18	17 17	46 10	29 0	0 39
F 25	22 15	0 17	4 45	21 52	0 59	19 44	0 39	24 19	1 7 23	12 0	4 19	57 0	49 22	16 0	30 22	21 1	7 2	15 15	53 18	31 18	16 17	45 10	28 0	0 39
S 26	22 23	4s 9	4 9	21 24	1 19	20 2	0 37	24 16	1 8 23	13 0	4 19	56 0	49 22	16 0	30 22	21 1	7 2	14 15	54 18	32 18	15 17	43 10	27 0	0 39
S 27	22 30	8 33	3 19	20 56	1 38	20 19	0 34	24 12	1 8 23															

SWISS EPHEMERIS for the year 1491

DECEMBER 1491 JC

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T 1	5 13 19	17°47'23	10°15'	8°R56	8°A22	13°C42	7°R17	5°A 7	21°C47	26°A48	3°M44	22°R53	21°M30	20°E20	28°R37
F 2	5 17 16	18°48'31	25°13'	7°A56	9°P37	14°D29	7°E 9	5°I2	21°S0	26°S0	3°A46	22°M50	21°E26	20°E27	28°Y35
S 3	5 21 12	19°49'39	10°E19	7° 7	10°S3	15°I16	7° 2	5°I8	21°S3	26°S3	3°A47	22°A47	21°E23	20°E34	28°E34
S 4	5 25 9	20°50'48	25°23'	6°28	12° 8	16° 3	6°54	5°24	21°S6	26°S5	3°A49	22°A43	21°E20	20°E41	28°E32
M 5	5 29 5	21°51'57	10°A16	6° 0	13°24	16°49	6°47	5°30	21°S9	26°S7	3°A51	22°A39	21°E17	20°E47	28°E31
T 6	5 33 2	22°53'06	24°51'	5°43	14°39	17°36	6°39	5°36	22° 2	27° 0	3°A53	22°A35	21°E14	20°E54	28°E29
W 7	5 36 58	23°54'16	9°H 3	5°D37	15°55	18°23	6°31	5°41	22° 6	27° 2	3°A55	22°A33	21°E11	21° 1	28°E28
T 8	5 40 55	24°55'25	22°51'	5°40	17°10	19°10	6°24	5°47	22° 9	27° 4	3°A56	22°D32	21° 7	21° 7	28°E26
F 9	5 44 51	25°56'34	6°Y16	5°52	18°26	19°57	6°16	5°53	22°12	27° 6	3°A58	22°A32	21° 4	21°14	28°E25
S 10	5 48 48	26°57'44	19°19'	6°13	19°41	20°44	6° 8	6° 0	22°15	27° 9	4° 0	22°A34	21° 1	21°21	28°E24
S 11	5 52 45	27°58'53	2°B 3	6°40	20°57	21°31	6° 0	6° 6	22°19	27°11	4° 1	22°A35	20°58	21°27	28°E23
M12	5 56 41	29° 0'02	14°33'	7°15	22°12	22°18	5°52	6°12	22°22	27°13	4° 3	22°A37	20°55	21°34	28°E22
T13	6 0 38	0°E 1'12	26°51'	7°56	23°28	23° 5	5°44	6°18	22°25	27°15	4° 5	22°R37	20°51	21°41	28°E21
W14	6 4 34	1° 2'21	9°II 0	8°42	24°43	23°52	5°36	6°24	22°29	27°18	4° 6	22°A35	20°48	21°48	28°E20
T15	6 8 31	2° 3'31	21° 1	9°32	25°59	24°39	5°28	6°31	22°32	27°20	4° 8	22°A32	20°45	21°54	28°E19
F16	6 12 27	3° 4'41	2°E58	10°28	27°14	25°27	5°20	6°37	22°35	27°22	4° 9	22°A26	20°42	22° 1	28°E18
S17	6 16 24	4° 5'50	14°52'	11°26	28°30	26°14	5°11	6°44	22°39	27°24	4°11	22°A19	20°39	22° 8	28°E17
S18	6 20 20	5° 7'00	26°43'	12°28	29°45	27° 1	5° 3	6°50	22°42	27°27	4°12	22°A11	20°36	22°14	28°E16
M19	6 24 17	6° 8'10	8°J35	13°34	1°B 1	27°48	4°55	6°56	22°45	27°29	4°14	22° 2	20°32	22°21	28°E15
T20	6 28 14	7° 9'19	20°28'	14°41	2°16	28°35	4°47	7° 3	22°49	27°31	4°15	21°S3	20°29	22°28	28°E15
W21	6 32 10	8°10'29	2°M26	15°51	3°32	29°23	4°39	7°10	22°52	27°33	4°16	21°A6	20°26	22°35	28°E14
T22	6 36 7	9°11'39	14°32'	17° 4	4°47	0°A10	4°31	7°16	22°56	27°36	4°18	21°A1	20°23	22°41	28°E14
F23	6 40 3	10°12'49	26°48'	18°18	6° 3	0°57	4°23	7°23	22°59	27°38	4°19	21°A8	20°20	22°48	28°E13
S24	6 44 0	11°13'59	9°A21	19°34	7°18	1°44	4°15	7°30	23° 3	27°40	4°20	21°D36	20°17	22°55	28°E13
S25	6 47 56	12°15'08	22°13'	20°51	8°34	2°32	4° 7	7°36	23° 6	27°42	4°21	21°A37	20°13	23° 1	28°E13
M26	6 51 53	13°16'18	5°M30	22°10	9°49	3°19	3°59	7°43	23°10	27°45	4°23	21°A38	20°10	23° 8	28°E12
T27	6 55 49	14°17'28	19°13'	23°30	11° 4	4° 6	3°51	7°50	23°13	27°47	4°24	21°R39	20° 7	23°15	28°E12
W28	6 59 46	15°18'38	3°A26	24°51	12°20	4°54	3°43	7°57	23°17	27°49	4°25	21°A38	20° 4	23°21	28°E12
T29	7 3 43	16°19'48	18° 5	26°13	13°35	5°41	3°35	8° 3	23°20	27°51	4°26	21°A35	20° 1	23°28	28°E12
F30	7 7 39	17°20'57	3°E 8	27°36	14°51	6°29	3°28	8°10	23°24	27°53	4°27	21°A30	19°57	23°35	28°D12
S31	7 11 36	18°22'06	18°E24	29°A 0	16°E 6	7°A16	3°E20	8°A17	23°E27	27°A56	4°M28	21°M23	19°M54	23°E42	28°Y12

Day	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁	♁									
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat									
T 1	22s56	20s30	1n34	19s17	2n36	21s21	0n25	23s55	1s 8	23n15	0s 3	19s50	0s49	22s13	0s30	22s21	1n 7	2n13	15n55	18s32	18s11	17n36	10n24	0s39
F 2	23 2 20	37 2 48	18 59	2 44	21 35	0 23	23 51	1 8	23 16	0 3	19 48	0 49	22 13	0 30	22 21	1 7	2 13	15 56	18 32	18 10	17 35	10 23	0 39	
S 3	23 7 19	15 3 52	18 45	2 51	21 48	0 20	23 45	1 8	23 16	0 3	19 47	0 49	22 12	0 30	22 21	1 7	2 12	15 56	18 31	18 9	17 33	10 23	0 40	
S 4	23 11 16	33 4 38	18 34	2 55	22 1	0 18	23 40	1 8	23 17	0 2	19 46	0 49	22 12	0 30	22 21	1 7	2 12	15 56	18 30	18 9	17 32	10 22	0 40	
M 5	23 15 12	48 5 6	18 27	2 58	22 13	0 16	23 34	1 8	23 17	0 2	19 44	0 49	22 11	0 30	22 22	1 7	2 12	15 57	18 29	18 8	17 30	10 21	0 40	
T 6	23 19 8	21 5 13	18 24	2 58	22 24	0 13	23 28	1 8	23 18	0 2	19 43	0 49	22 11	0 30	22 22	1 7	2 12	15 57	18 28	18 7	17 29	10 21	0 40	
W 7	23 22 3	33 5 0	18 24	2 57	22 35	0 11	23 22	1 8	23 19	0 2	19 41	0 49	22 10	0 30	22 22	1 7	2 11	15 58	18 27	18 6	17 27	10 20	0 40	
T 8	23 24 1n	18 4 31	18 27	2 55	22 45	0 8	23 15	1 8	23 19	0 2	19 40	0 49	22 10	0 30	22 22	1 7	2 11	15 58	18 27	18 5	17 26	10 20	0 40	
F 9	23 26 5	57 3 47	18 32	2 51	22 54	0 6	23 9	1 8	23 20	0 2	19 38	0 49	22 9	0 30	22 22	1 7	2 11	15 58	18 27	18 4	17 25	10 19	0 40	
S 10	23 28 10	14 2 52	18 41	2 46	23 3	0 4	23 2	1 8	23 20	0 2	19 37	0 49	22 9	0 30	22 22	1 7	2 11	15 59	18 28	18 4	17 23	10 19	0 40	
S 11	23 29 13	56 1 50	18 51	2 40	23 11	0 1	22 54	1 9	23 21	0 1	19 35	0 49	22 8	0 30	22 22	1 7	2 11	15 59	18 28	18 3	17 22	10 18	0 40	
M12	23 30 16	57 0 44	19 3	2 34	23 18	0s 1	22 47	1 9	23 21	0 1	19 34	0 49	22 8	0 30	22 22	1 6	2 11	15 59	18 28	18 2	17 20	10 18	0 40	
T13	23 30 19	8 0s	23 19 16	2 27	23 24	0 4	22 39	1 9	23 22	0 1	19 32	0 49	22 7	0 30	22 22	1 6	2 10	16 0	18 28	18 1	17 19	10 17	0 40	
W14	23 30 20	25 1 28	19 31	2 20	23 30	0 6	22 31	1 9	23 22	0 1	19 31	0 49	22 7	0 30	22 22	1 6	2 10	16 0	18 28	18 0	17 17	10 17	0 40	
T15	23 29 20	44 2 28	19 46	2 12	23 35	0 9	22 22	1 8	23 23	0 1	19 29	0 49	22 6	0 30	22 22	1 6	2 10	16 1	18 27	17 59	17 16	10 17	0 40	
F16	23 28 20	7 3 21	20 2	2 4	23 39	0 11	22 14	1 8	23 23	0 1	19 28	0 49	22 6	0 30	22 22	1 6	2 10	16 1	18 26	17 59	17 14	10 16	0 40	
S17	23 26 18	37 4 5	20 18	1 56	23 43	0 13	22 5	1 8	23 24	0 1	19 26	0 49	22 5	0 30	22 22	1 6	2 10	16 2	18 24	17 58	17 13	10 16	0 40	
S18	23 24 16	19 4 38	20 35	1 47	23 46	0 16	21 56	1 8	23 24	0 0	19 24	0 49	22 4	0 30	22 22	1 6	2 10	16 2	18 22	17 57	17 11	10 16	0 40	
M19	23 22 13	21 5 0	20 51	1 39	23 48	0 18	21 46	1 8	23 24	0 0	19 23	0 49	22 4	0 30	22 22	1 6	2 10	16 2	18 19	17 56	17 10	10 15	0 40	
T20	23 19 9	50 5 8	21 8	1 30	23 49	0 20	21 37	1 8	23 25	0 0	19 21	0 49	22 3	0 30	22 22	1 6	2 10	16 3	18 17	17 55	17 8	10 15	0 40	
W21	23 15 5	55 5 3	21 24	1 21	23 50	0 23	21 27	1 8	23 25	0n 0	19 19	0 49	22 3	0 30	22 22	1 6	2 10	16 3	18 15	17 54	17 7	10 15	0 40	
T22	23 11 1	44 4 44	21 40	1 13	23 50	0 25	21 17	1 8	23 26	0 0	19 18	0 49	22 2	0 30	22 22	1 6	2 10	16 4	18 14	17 53	17 5	10 15	0 41	
F23	23 7 2s	35 4 12	21 55	1 4	23 49	0 27	21 6	1 8	23 26	0 0	19 16	0 49	22 2	0 30	22 22	1 6	2 10	16 4	18 13	17 53	17 4	10 14	0 41	
S24	23 2 6	54 3 28	22 10	0 55	23 48	0 30	20 56	1 8	23 27	0 0	19 14	0 49	22 1	0 30	22 23	1 6	2 10	16 5	18 13	17 52	17 3	10 14	0 41	
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W28	22 37 19	52 1n 3	23 2	0 22	23 34	0 38	20 11	1 8	23 28	0 1	19 8	0 49	21 59	0 30	22 23	1 6	2 10	16 7	18 13	17 48	16 57	10 14	0 41	
T29	22 30 20	42 2 17	23 13	0 14	23 29	0 40	19 59	1 8	23 28	0 1	19 6	0 49												