

SWISS EPHEMERIS for the year 1729

JANUARY 1729

00:00 UT

Day	Sid.t	☉	☽	♃	♄	♅	♆	♇	♈	♉	♊	♋	♌	♍	♎	♏	♐	♑
S 1	6 42 23	10°30'30	27°32	19°58	12°25	4°18	29°R51	23°59	25°20	8°R31	10°23	24°R47	26°27	6°26	16°40			
S 2	6 46 20	11°41'42	11°10	21°18	13°39	5° 6	29°II43	24° 5	25°23	8°II29	10°23	24°44	26°24	6°33	16°41			
M 3	6 50 16	12°42'53	24°24	22°39	14°53	5°53	29°35	24°11	25°25	8°28	10°23	24°D43	26°21	6°39	16°41			
T 4	6 54 13	13°44'04	7°15	24° 1	16° 7	6°40	29°28	24°17	25°28	8°27	10°24	24°44	26°18	6°46	16°42			
W 5	6 58 10	14°45'15	19°45	25°24	17°21	7°28	29°20	24°23	25°31	8°25	10°24	24°46	26°14	6°53	16°42			
T 6	7 2 6	15°46'24	1°57	26°48	18°35	8°15	29°13	24°29	25°34	8°24	10°24	24°47	26°11	6°59	16°43			
F 7	7 6 3	16°47'34	13°58	28°13	19°48	9° 2	29° 5	24°36	25°36	8°23	10°24	24°R48	26° 8	7° 6	16°43			
S 8	7 9 59	17°48'43	25°51	29°39	21° 2	9°50	28°58	24°42	25°39	8°21	10°25	24°48	26° 5	7°13	16°44			
S 9	7 13 56	18°49'51	7°42	1°35	22°16	10°37	28°50	24°48	25°42	8°20	10°25	24°46	26° 2	7°20	16°45			
M10	7 17 52	19°50'58	19°36	2°32	23°29	11°24	28°43	24°55	25°44	8°19	10°25	24°42	25°59	7°26	16°45			
T 11	7 21 49	20°52'05	1°II37	4° 0	24°43	12°12	28°36	25° 1	25°47	8°18	10°25	24°37	25°55	7°33	16°46			
W12	7 25 45	21°53'12	13°48	5°29	25°56	12°59	28°29	25° 8	25°49	8°17	10°R25	24°31	25°52	7°40	16°47			
T 13	7 29 42	22°54'17	26°11	6°58	27°10	13°46	28°23	25°14	25°52	8°16	10°25	24°25	25°49	7°46	16°48			
F 14	7 33 39	23°55'22	8°29	8°27	28°23	14°34	28°16	25°21	25°54	8°15	10°25	24°20	25°46	7°53	16°49			
S 15	7 37 35	24°56'27	21°41	9°58	29°37	15°21	28° 9	25°27	25°56	8°13	10°25	24°16	25°43	8° 0	16°50			
S 16	7 41 32	25°57'30	4°48	11°29	0°X50	16° 9	28° 3	25°34	25°59	8°12	10°25	24°13	25°40	8° 7	16°51			
M17	7 45 28	26°58'33	18° 8	13° 0	2° 3	16°56	27°57	25°40	26° 1	8°11	10°25	24°D11	25°36	8°13	16°52			
T 18	7 49 25	27°59'36	1°II41	14°32	3°16	17°44	27°51	25°47	26° 3	8°10	10°24	24°11	25°33	8°20	16°54			
W19	7 53 21	29° 0'38	15°24	16° 5	4°29	18°31	27°45	25°54	26° 5	8°10	10°24	24°12	25°30	8°27	16°55			
T 20	7 57 18	0°1'39	29°15	17°38	5°42	19°18	27°39	26° 1	26° 7	8° 9	10°24	24°14	25°27	8°33	16°56			
F 21	8 1 14	1° 2'39	13°15	19°12	6°55	20° 6	27°33	26° 7	26°10	8° 8	10°24	24°15	25°24	8°40	16°58			
S 22	8 5 11	2° 3'40	27°21	20°47	8° 8	20°53	27°27	26°14	26°12	8° 7	10°23	24°R16	25°20	8°47	16°59			
S 23	8 9 8	3° 4'39	11°32	22°22	9°21	21°41	27°22	26°21	26°14	8° 6	10°23	24°16	25°17	8°54	17° 0			
M24	8 13 4	4° 5'38	25°45	23°58	10°34	22°28	27°17	26°28	26°16	8° 5	10°23	24°15	25°14	9° 0	17° 2			
T 25	8 17 1	5° 6'37	9°59	25°34	11°47	23°15	27°12	26°35	26°17	8° 4	10°22	24°13	25°11	9° 7	17° 4			
W26	8 20 57	6° 7'35	24°10	27°11	12°59	24° 3	27° 7	26°42	26°19	8° 4	10°22	24°10	25° 8	9°14	17° 5			
T 27	8 24 54	7° 8'32	8°31	28°49	14°12	24°50	27° 2	26°49	26°21	8° 3	10°21	24° 8	25° 5	9°20	17° 7			
F 28	8 28 50	8° 9'28	22° 7	0°28	15°24	25°38	26°58	26°56	26°23	8° 2	10°21	24° 6	25° 1	9°27	17° 9			
S 29	8 32 47	9°10'23	5°46	2° 7	16°37	26°25	26°53	27° 3	26°25	8° 2	10°20	24° 4	24°58	9°34	17°11			
S 30	8 36 43	10°11'17	19° 8	3°47	17°49	27°13	26°49	27°10	26°26	8° 1	10°20	24°D 4	24°55	9°41	17°12			
MB1	8 40 40	11°12'10	2°12	5°27	19°11	28° 0	26°II45	27°17	26°II28	8°II 0	10°19	24°4 4	24°52	9°47	17°14			

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	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat				
S 1	23s 3	23s 0	2s22	22s15	0n51	18s49	1s47	20s20	1s 9	23n19	0s10	14s52	1s24	18s53	0n15	20n11	1s35	11n31	17n 0	13s17	12s43	18n15	7n25	0n55												
S 2	22 58	18 37	1 13	22 29	0 42	18 27	1 46	20 8	1 9	23 19	0 10	14 50	1 24	18 54	0 15	20 11	1 35	11 31	17 1	13 18	12 44	18 17	7 25	0 55												
M 3	22 52	13 26	0 2	22 42	0 34	18 5	1 46	19 56	1 9	23 19	0 9	14 48	1 23	18 54	0 15	20 11	1 35	11 31	17 1	13 18	12 45	18 20	7 25	0 55												
T 4	22 46	7 49	1n 7	22 55	0 26	17 42	1 45	19 44	1 8	23 19	0 9	14 46	1 23	18 55	0 15	20 11	1 35	11 32	17 2	13 18	12 46	18 22	7 25	0 55												
W 5	22 40	2 3	2 12	23 6	0 18	17 19	1 45	19 32	1 8	23 19	0 9	14 43	1 23	18 56	0 15	20 11	1 35	11 32	17 2	13 17	12 47	18 25	7 25	0 55												
T 6	22 33	3n39	3 8	23 16	0 10	16 56	1 44	19 20	1 8	23 19	0 9	14 41	1 23	18 56	0 15	20 10	1 35	11 33	17 3	13 17	12 48	18 27	7 25	0 55												
F 7	22 25	9 8	3 56	23 26	0 2	16 32	1 43	19 7	1 8	23 20	0 9	14 39	1 23	18 57	0 15	20 10	1 35	11 33	17 4	13 17	12 50	18 30	7 25	0 54												
S 8	22 17	14 14	4 33	23 34	0s 6	16 8	1 42	18 54	1 8	23 20	0 9	14 37	1 23	18 58	0 15	20 10	1 35	11 34	17 4	13 17	12 51	18 32	7 25	0 54												
S 9	22 9	18 47	4 58	23 41	0 13	15 43	1 42	18 41	1 8	23 20	0 9	14 35	1 23	18 58	0 15	20 10	1 35	11 34	17 5	13 17	12 52	18 35	7 25	0 54												
M10	22 0	22 38	5 10	23 48	0 20	15 18	1 40	18 28	1 7	23 20	0 8	14 33	1 23	18 59	0 15	20 10	1 35	11 35	17 5	13 19	12 53	18 37	7 26	0 54												
T 11	21 51	25 33	5 9	23 53	0 28	14 52	1 39	18 14	1 7	23 20	0 8	14 31	1 23	18 59	0 15	20 10	1 35	11 35	17 6	13 20	12 54	18 40	7 26	0 54												
W12	21 42	27 21	4 54	23 56	0 35	14 26	1 38	18 1	1 7	23 20	0 8	14 28	1 23	19 0	0 15	20 10	1 35	11 36	17 7	13 22	12 55	18 42	7 26	0 54												
T 13	21 32	27 50	4 25	23 59	0 41	13 59	1 37	17 47	1 7	23 20	0 8	14 26	1 23	19 1	0 15	20 9	1 35	11 36	17 7	13 24	12 56	18 45	7 26	0 54												
F 14	21 21	26 53	3 43	24 0	0 48	13 33	1 36	17 33	1 7	23 20	0 8	14 24	1 23	19 1	0 15	20 9	1 35	11 37	17 8	13 26	12 57	18 47	7 26	0 53												
S 15	21 11	24 30	2 48	24 0	0 54	13 6	1 34	17 19	1 6	23 20	0 8	14 22	1 23	19 2	0 15	20 9	1 35	11 37	17 8	13 27	12 58	18 50	7 27	0 53												
S 16	20 59	20 47	1 44	23 59	1 0	12 38	1 33	17 4	1 6	23 20	0 7	14 20	1 23	19 2	0 15	20 9	1 35	11 38	17 9	13 28	12 59	18 52	7 27	0 53												
M17	20 48	15 57	0 33	23 56	1 6	12 11	1 31	16 50	1 6	23 20	0 7	14 17	1 23	19 3	0 15	20 9	1 35	11 39	17 9	13 29	13 0	18 55	7 27	0 53												
T 18	20 36	10 15	0s41	23 53	1 12	11 42	1 29	16 35	1 6	23 20	0 7	14 15	1 23	19 3	0 15	20 9	1 35	11 39	17 10	13 29	13 1	18 57	7 28	0 53												
W19	20 23	4 1	1 54	23 47	1 18	11 14	1 27	16 20	1 5	23 20	0 7	14 13	1 23	19 4	0 15	20 9	1 35	11 40	17 11	13 28	13 2	19 0	7 28	0 53												
T 20	20 11	2s28	3 1	23 41	1 23	10 46	1 26	16 5	1 5	23 20	0 7	14 10	1 23	19 4	0 15	20 9	1 34	11 40	17 11	13 28	13 4	19 2	7 28	0 53												
F 21	19 57	8 53	3 58	23 33	1 28	10 17	1 24	15 50	1 5	23 21	0 7	14 8	1 23	19 5	0 15	20 9	1 34	11 41	17 12	13 27	13 5	19 4	7 29	0 53												
S 22	19 44	14 54	4 41	23 23	1 32	9 47	1 22	15 35	1 5	23 21	0 7	14 6	1 23	19 5	0 15	20 9	1 34	11 42	17 12	13 27	13 6	19 7														

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Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
T 1	8 44 37	12 ^h 13'01"	14 ^h 58'	7 ^h 9'	20 ^h 14'	28 ^h 47'	26 ^h R41	27 ^h 24'	26 ^h 29'	8 ^h R 0	10 ^h R18	24 ^h 4	24 ^h 49'	9 ^h 54'	17 ^h 16'
W 2	8 48 33	13 ^h 13'52"	27 ^h 27'	8 ^h 51'	21 ^h 26'	29 ^h 35'	26 ^h II38	27 ^h 31'	26 ^h 31'	7 ^h II59	10 ^h 18'	24 ^h 5	24 ^h 46'	10 ^h 1	17 ^h 18'
T 3	8 52 30	14 ^h 14'40"	9 ^h 41'	10 ^h 34'	22 ^h 38'	0 ^h 22'	26 ^h 34'	27 ^h 39'	26 ^h 32'	7 ^h 59'	10 ^h 17'	24 ^h 6	24 ^h 42'	10 ^h 7	17 ^h 20'
F 4	8 56 26	15 ^h 15'27"	21 ^h 43'	12 ^h 17'	23 ^h 50'	1 ^h 9'	26 ^h 31'	27 ^h 46'	26 ^h 34'	7 ^h 58'	10 ^h 16'	24 ^h 7	24 ^h 39'	10 ^h 14'	17 ^h 22'
S 5	9 0 23	16 ^h 16'13"	3 ^h 38'	14 ^h 2'	25 ^h 1'	1 ^h 57'	26 ^h 28'	27 ^h 53'	26 ^h 35'	7 ^h 58'	10 ^h 15'	24 ^h 8	24 ^h 36'	10 ^h 21'	17 ^h 25'
S 6	9 4 19	17 ^h 16'57"	15 ^h 30'	15 ^h 47'	26 ^h 13'	2 ^h 44'	26 ^h 25'	28 ^h 0'	26 ^h 36'	7 ^h 58'	10 ^h 14'	24 ^h R 8	24 ^h 33'	10 ^h 28'	17 ^h 27'
M 7	9 8 16	18 ^h 17'40"	27 ^h 25'	17 ^h 33'	27 ^h 25'	3 ^h 31'	26 ^h 23'	28 ^h 7'	26 ^h 38'	7 ^h 57'	10 ^h 14'	24 ^h 8	24 ^h 30'	10 ^h 34'	17 ^h 29'
T 8	9 12 12	19 ^h 18'21"	9 ^h II25'	19 ^h 20'	28 ^h 36'	4 ^h 19'	26 ^h 20'	28 ^h 14'	26 ^h 39'	7 ^h 57'	10 ^h 13'	24 ^h 8	24 ^h 26'	10 ^h 41'	17 ^h 31'
W 9	9 16 9	20 ^h 19'00"	21 ^h 37'	21 ^h 8'	29 ^h 48'	5 ^h 6'	26 ^h 18'	28 ^h 22'	26 ^h 40'	7 ^h 57'	10 ^h 12'	24 ^h 7	24 ^h 23'	10 ^h 48'	17 ^h 34'
T 10	9 20 6	21 ^h 19'38"	4 ^h 3	22 ^h 56'	0 ^h V59'	5 ^h 53'	26 ^h 16'	28 ^h 29'	26 ^h 41'	7 ^h 56'	10 ^h 11'	24 ^h 7	24 ^h 20'	10 ^h 55'	17 ^h 36'
F 11	9 24 2	22 ^h 20'14"	16 ^h 48'	24 ^h 45'	2 ^h 10'	6 ^h 41'	26 ^h 14'	28 ^h 36'	26 ^h 42'	7 ^h 56'	10 ^h 10'	24 ^h 7	24 ^h 17'	11 ^h 1	17 ^h 39'
S 12	9 27 59	23 ^h 20'48"	29 ^h 52'	26 ^h 35'	3 ^h 21'	7 ^h 28'	26 ^h 12'	28 ^h 43'	26 ^h 43'	7 ^h 56'	10 ^h 9	24 ^h 7	24 ^h 14'	11 ^h 8	17 ^h 41'
S 13	9 31 55	24 ^h 21'21"	13 ^h 16'	28 ^h 25'	4 ^h 32'	8 ^h 15'	26 ^h 11'	28 ^h 51'	26 ^h 44'	7 ^h 56'	10 ^h 8	24 ^h D 6	24 ^h 11'	11 ^h 15'	17 ^h 44'
M14	9 35 52	25 ^h 21'52"	26 ^h 59'	0 ^h X16'	5 ^h 43'	9 ^h 2'	26 ^h 10'	28 ^h 58'	26 ^h 45'	7 ^h 56'	10 ^h 7	24 ^h R 6	24 ^h 7	11 ^h 21'	17 ^h 46'
T 15	9 39 48	26 ^h 22'21"	10 ^h 58'	2 ^h 8'	6 ^h 54'	9 ^h 49'	26 ^h 9	29 ^h 5	26 ^h 46'	7 ^h 56'	10 ^h 6	24 ^h 6	24 ^h 4	11 ^h 28'	17 ^h 49'
W16	9 43 45	27 ^h 22'49"	25 ^h 11'	4 ^h 0'	8 ^h 5'	10 ^h 36'	26 ^h 8	29 ^h 13'	26 ^h 47'	7 ^h 56'	10 ^h 5	24 ^h 6	24 ^h 1	11 ^h 35'	17 ^h 51'
T 17	9 47 41	28 ^h 23'15"	9 ^h 13'	5 ^h 52'	9 ^h 15'	11 ^h 24'	26 ^h 7	29 ^h 20'	26 ^h 47'	7 ^h D56	10 ^h 4	24 ^h 6	23 ^h 58'	11 ^h 42'	17 ^h 54'
F 18	9 51 38	29 ^h 23'40"	23 ^h 55'	7 ^h 45'	10 ^h 25'	12 ^h 11'	26 ^h 7	29 ^h 27'	26 ^h 48'	7 ^h 56'	10 ^h 3	24 ^h 5	23 ^h 55'	11 ^h 48'	17 ^h 57'
S 19	9 55 35	0 ^h X24'04"	8 ^h 17'	9 ^h 37'	11 ^h 36'	12 ^h 58'	26 ^h 6	29 ^h 34'	26 ^h 49'	7 ^h 56'	10 ^h 1	24 ^h 5	23 ^h 51'	11 ^h 55'	17 ^h 59'
S 20	9 59 31	1 ^h 24'26"	22 ^h 35'	11 ^h 29'	12 ^h 46'	13 ^h 45'	26 ^h D 6	29 ^h 42'	26 ^h 49'	7 ^h 56'	10 ^h 0	24 ^h 4	23 ^h 48'	12 ^h 2	18 ^h 2
M21	10 3 28	2 ^h 24'47"	6 ^h 45'	13 ^h 20'	13 ^h 56'	14 ^h 32'	26 ^h 6	29 ^h 49'	26 ^h 50'	7 ^h 56'	9 ^h 59	24 ^h D 4	23 ^h 45'	12 ^h 8	18 ^h 5
T 22	10 7 24	3 ^h 25'07"	20 ^h 45'	15 ^h 11'	15 ^h 6'	15 ^h 19'	26 ^h 7	29 ^h 56'	26 ^h 50'	7 ^h 56'	9 ^h 58	24 ^h 5	23 ^h 42'	12 ^h 15'	18 ^h 8
W23	10 11 21	4 ^h 25'25"	4 ^h 34'	17 ^h 1'	16 ^h 15'	16 ^h 6'	26 ^h 7	0 ^h X 4	26 ^h 50'	7 ^h 56'	9 ^h 56	24 ^h 5	23 ^h 39'	12 ^h 22'	18 ^h 11'
T 24	10 15 17	5 ^h 25'42"	18 ^h 11'	18 ^h 49'	17 ^h 25'	16 ^h 53'	26 ^h 8	0 ^h 11'	26 ^h 51'	7 ^h 56'	9 ^h 55	24 ^h 6	23 ^h 36'	12 ^h 29'	18 ^h 14'
F 25	10 19 14	6 ^h 25'57"	1 ^h 36'	20 ^h 35'	18 ^h 34'	17 ^h 40'	26 ^h 9	0 ^h 18'	26 ^h 51'	7 ^h 57'	9 ^h 54	24 ^h 7	23 ^h 32'	12 ^h 35'	18 ^h 17'
S 26	10 23 10	7 ^h 26'10"	14 ^h 48'	22 ^h 18'	19 ^h 44'	18 ^h 27'	26 ^h 10	0 ^h 25'	26 ^h 51'	7 ^h 57'	9 ^h 53	24 ^h 8	23 ^h 29'	12 ^h 42'	18 ^h 20'
S 27	10 27 7	8 ^h 26'22"	27 ^h 47'	23 ^h 59'	20 ^h 53'	19 ^h 14'	26 ^h 11	0 ^h 33'	26 ^h 51'	7 ^h 57'	9 ^h 51	24 ^h R 8	23 ^h 26'	12 ^h 49'	18 ^h 23'
M28	10 31 4	9 ^h X26'32"	10 ^h X33'	25 ^h X37'	22 ^h V 2	20 ^h X 0	26 ^h II13	0 ^h X40	26 ^h 52'	7 ^h II58	9 ^h 50	24 ^h 8	23 ^h 23'	12 ^h 56'	18 ^h V26

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂									
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat									
T 1	17s10	4s11	1n53	20s29	2s 3	4s45	0s57	12s52	1s 1	23n21	0s 5	13s42	1s23	19s 9	0n15	20n 8	1s34	11n49	17n18	13s31	13s16	19n31	7n35	0n51
W 2	16 52	1n39	2 54	20 4	2 4	4 14	0 54	12 35	1 1	23 21	0 5	13 39	1 23	19 10	0 15	20 8	1 34	11 49	17 18	13 31	13 17	19 33	7 36	0 51
T 3	16 35	7 19	3 47	19 37	2 4	3 43	0 51	12 18	1 1	23 21	0 5	13 37	1 23	19 10	0 15	20 8	1 34	11 50	17 19	13 30	13 18	19 36	7 36	0 51
F 4	16 17	12 37	4 28	19 8	2 5	3 11	0 48	12 1	1 0	23 21	0 5	13 35	1 24	19 10	0 15	20 8	1 34	11 51	17 19	13 30	13 19	19 38	7 37	0 51
S 5	15 59	17 24	4 57	18 38	2 5	2 40	0 45	11 44	1 0	23 21	0 4	13 32	1 24	19 11	0 15	20 8	1 34	11 52	17 20	13 30	13 21	19 41	7 38	0 51
S 6	15 41	21 30	5 13	18 6	2 4	2 8	0 42	11 27	1 0	23 21	0 4	13 30	1 24	19 11	0 15	20 8	1 34	11 52	17 20	13 30	13 22	19 43	7 38	0 51
M 7	15 22	24 44	5 16	17 33	2 3	1 37	0 38	11 9	0 59	23 21	0 4	13 27	1 24	19 11	0 15	20 8	1 33	11 53	17 21	13 30	13 23	19 45	7 39	0 50
T 8	15 3 26	56 5	6 16	58 2	2 1	5 0	35 10	52 0	59	23 22	0 4	13 25	1 24	19 12	0 15	20 8	1 33	11 54	17 21	13 30	13 24	19 48	7 40	0 50
W 9	14 44	27 53	4 41	16 22	2 0	0 34	0 32	10 34	0 59	23 22	0 4	13 22	1 24	19 12	0 15	20 8	1 33	11 55	17 22	13 30	13 25	19 50	7 41	0 50
T 10	14 25	27 28	4 3	15 44	1 57	0 2	0 28	10 16	0 58	23 22	0 4	13 20	1 24	19 12	0 15	20 8	1 33	11 55	17 22	13 30	13 26	19 52	7 41	0 50
F 11	14 5 25	36 3	12 15	5 1	54 0n29	0 25	9 58	0 58	23 22	0 4	13 17	1 24	19 12	0 15	20 8	1 33	11 56	17 23	13 30	13 27	19 55	7 42	0 50	
S 12	13 45	22 20	2 10	14 24	1 51	1 1	0 21	9 40	0 57	23 22	0 3	13 15	1 24	19 13	0 15	20 8	1 33	11 57	17 23	13 30	13 28	19 57	7 43	0 50
S 13	13 25	17 49	1 0	13 42	1 46	1 32	0 18	9 22	0 57	23 22	0 3	13 12	1 24	19 13	0 15	20 8	1 33	11 58	17 24	13 30	13 29	19 59	7 44	0 50
M14	13 5 12	17 0s16	12 59	1 42	2 4	0 14	9 4	0 56	23 22	0 3	13 10	1 24	19 13	0 15	20 8	1 33	11 59	17 24	13 30	13 30	20 2	7 45	0 50	
T 15	12 45	6 2	1 32	12 14	1 36	2 35	0 10	8 46	0 57	23 22	0 3	13 7	1 24	19 13	0 15	20 8	1 33	11 59	17 24	13 30	13 31	20 4	7 46	0 50
W16	12 24	0s35	2 44	11 28	1 31	3 7	0 6	8 28	0 56	23 22	0 3	13 5	1 24	19 13	0 15	20 8	1 33	12 0	17 25	13 30	13 32	20 6	7 47	0 49
T 17	12 3 7	14 3	46 10	41 1	24 3	38 0	3 8	9 0	55	23 22	0 3	13 2	1 24	19 14	0 15	20 8	1 33	12 1	17 25	13 31	13 33	20 9	7 48	0 49
F 18	11 42	13 32	4 34	9 52	1 17	4 9	0n 1	7 51	0 55	23 23	0 3	13 0	1 24	19 14	0 15	20 8	1 33	12 2	17 26	13 31	13 34	20 11	7 49	0 49
S 19	11 21	19 6	5 5	9 3	1 9	4 40	0 5	7 32	0 54	23 23	0 3	12 57	1 24	19 14	0 15	20 8	1 33	12 3	17 26	13 31	13 35	20 13	7 49	0 49
S 20	10 59	23 33	5 17	8 12	1 1	5 11	0 9	7 14	0 54	23 23	0 2	12 55	1 24	19 14	0 15	20 8	1 33	12 4	17 27	13 31	13 36	20 15	7 50	0 49
M21	10 38	26 33	5 9	7 21	0 52	5 42	0 13	6 55	0 54	23 23	0 2													

SWISS EPHEMERIS for the year 1729

MARCH 1729

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♃	♄	♅	♆	♇	♁	♂	♆	♁	♂
T 1	10 35 0	10♌26'40	23♋6	27♋10	23♍10	20♌47	26♎15	0♌47	26♎52	7♎58	9°R48	24°R 6	23♌20	13♌2	18♍29
W 2	10 38 57	11°26'46	5♍27	28°39	24°19	21°34	26°16	0°54	26°R52	7°59	9♌47	24♌4	23°17	13°9	18°32
T 3	10 42 53	12°26'50	17°37	0♍3	25°28	22°21	26°19	1°10	26°52	7°59	9°46	24°1	23°13	13°16	18°35
F 4	10 46 50	13°26'52	29°38	1°21	26°36	23°8	26°21	1°9	26°52	8°0	9°44	23°58	23°10	13°22	18°39
S 5	10 50 46	14°26'52	11♌33	2°33	27°44	23°54	26°23	1°16	26°51	8°0	9°43	23°55	23°7	13°29	18°42
S 6	10 54 43	15°26'49	23°25	3°38	28°52	24°41	26°26	1°23	26°51	8°1	9°41	23°52	23°4	13°36	18°45
M 7	10 58 39	16°26'45	5♎18	4°37	29°59	25°28	26°29	1°30	26°51	8°1	9°40	23°51	23°1	13°43	18°48
T 8	11 2 36	17°26'39	17°17	5°27	1♌7	26°14	26°32	1°37	26°51	8°2	9°38	23°D50	22°57	13°49	18°52
W 9	11 6 33	18°26'30	29°26	6°10	2°14	27°1	26°35	1°44	26°50	8°3	9°37	23°51	22°54	13°56	18°55
T 10	11 10 29	19°26'19	11♌50	6°45	3°22	27°47	26°38	1°51	26°50	8°3	9°35	23°52	22°51	14°3	18°58
F 11	11 14 26	20°26'06	24°33	7°11	4°28	28°34	26°42	1°58	26°49	8°4	9°34	23°53	22°48	14°9	19°2
S 12	11 18 22	21°25'51	7♎39	7°29	5°35	29°20	26°46	2°5	26°49	8°5	9°32	23°55	22°45	14°16	19°5
S 13	11 22 19	22°25'33	21°11	7°38	6°42	0♍7	26°50	2°12	26°48	8°6	9°30	23°R56	22°42	14°23	19°9
M14	11 26 15	23°25'13	5♎7	7°R39	7°48	0°53	26°54	2°19	26°48	8°6	9°29	23°55	22°38	14°30	19°12
T 15	11 30 12	24°24'51	19°26	7°31	8°54	1°39	26°58	2°26	26°47	8°7	9°27	23°53	22°35	14°36	19°16
W16	11 34 8	25°24'27	4♌4	7°16	10°0	2°26	27°3	2°33	26°46	8°8	9°26	23°50	22°32	14°43	19°19
T 17	11 38 5	26°24'01	18°53	6°54	11°5	3°12	27°7	2°40	26°45	8°9	9°24	23°46	22°29	14°50	19°23
F 18	11 42 1	27°23'33	3♎45	6°24	12°10	3°58	27°12	2°47	26°45	8°10	9°22	23°41	22°26	14°56	19°26
S 19	11 45 58	28°23'03	18°33	5°49	13°15	4°44	27°17	2°54	26°44	8°11	9°21	23°36	22°23	15°3	19°30
S 20	11 49 55	29°22'32	3♌9	5°8	14°20	5°31	27°22	3°1	26°43	8°12	9°19	23°32	22°19	15°10	19°33
M21	11 53 51	0♍21'58	17°28	4°23	15°25	6°17	27°28	3°7	26°42	8°13	9°18	23°30	22°16	15°17	19°37
T 22	11 57 48	1°21'24	1♌28	3°35	16°29	7°3	27°33	3°14	26°41	8°14	9°16	23°D29	22°13	15°23	19°40
W23	12 1 44	2°20'47	15°9	2°44	17°33	7°49	27°39	3°21	26°40	8°15	9°14	23°30	22°10	15°30	19°44
T 24	12 5 41	3°20'08	28°30	1°53	18°36	8°35	27°44	3°28	26°39	8°16	9°13	23°31	22°7	15°37	19°48
F 25	12 9 37	4°19'28	11♌36	1°1	19°40	9°21	27°50	3°34	26°37	8°18	9°11	23°32	22°3	15°44	19°51
S 26	12 13 34	5°18'46	24°26	0°10	20°43	10°7	27°57	3°41	26°36	8°19	9°9	23°R33	22°0	15°50	19°55
S 27	12 17 31	6°18'02	7♋4	29♋21	21°45	10°53	28°3	3°47	26°35	8°20	9°8	23°32	21°57	15°57	19°59
M28	12 21 27	7°17'16	19°31	28°35	22°48	11°38	28°9	3°54	26°34	8°21	9°6	23°29	21°54	16°4	20°2
T 29	12 25 24	8°16'28	1♍49	27°53	23°50	12°24	28°16	4°0	26°32	8°23	9°4	23°24	21°51	16°10	20°6
W30	12 29 20	9°15'38	13°59	27°14	24°51	13°10	28°23	4°7	26°31	8°24	9°3	23°17	21°48	16°17	20°10
T 31	12 33 17	10°14'46	26°V 2	26♋40	25♌53	13°V56	28♎29	4♋13	26♎30	8♎25	9♌1	23♌8	21♌44	16♌24	20°V14

Day	☉	☽	♀	♂	♃	♄	♅	♆	♇	♁	♂	♆	♁	♂										
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat									
T 1	7s40	0s24	2n33	0s29	0n42	9n45	0n47	4s25	0s50	23n24	0s1	12s32	1s25	19s15	0n15	20n9	1s32	12n11	17n30	13s31	13s46	20n36	8n0	0n48
W 2	7 17	5n22	3 29	0n19	0 56	10 14	0 51	4 6	0 49	23 24	0 1	12 30	1 25	19 15	0 15	20 9	1 32	12 12	17 30	13 31	13 47	20 38	8 1	0 48
T 3	6 54	10 50	4 14	1 5	1 9	10 43	0 56	3 47	0 49	23 25	0 1	12 27	1 25	19 15	0 15	20 10	1 32	12 13	17 30	13 32	13 48	20 40	8 2	0 48
F 4	6 31	15 50	5 47	1 49	1 23	11 42	1 0	3 28	0 48	23 25	0 1	12 25	1 25	19 14	0 15	20 10	1 32	12 13	17 31	13 33	13 49	20 42	8 3	0 48
S 5	6 8	20 11	5 4	2 30	1 37	11 41	1 4	3 9	0 48	23 25	0 1	12 22	1 25	19 14	0 15	20 10	1 32	12 14	17 31	13 34	13 50	20 45	8 4	0 48
S 6	5 45	23 43	5 14	3 8	1 51	12 10	1 9	2 50	0 47	23 25	0 1	12 20	1 25	19 14	0 15	20 10	1 32	12 15	17 31	13 35	13 51	20 47	8 5	0 48
M 7	5 21	26 16	5 8	3 44	2 4	12 38	1 13	2 31	0 47	23 25	0 0	12 17	1 25	19 14	0 15	20 10	1 32	12 16	17 31	13 36	13 52	20 49	8 7	0 47
T 8	4 58	27 39	4 49	4 16	2 17	13 6	1 18	2 12	0 46	23 26	0 0	12 15	1 25	19 14	0 15	20 10	1 32	12 17	17 32	13 36	13 53	20 51	8 8	0 47
W 9	4 35	27 44	4 16	4 44	2 29	13 33	1 22	1 53	0 46	23 26	0 0	12 12	1 26	19 14	0 15	20 10	1 32	12 18	17 32	13 36	13 54	20 53	8 9	0 47
T 10	4 11	26 27	3 31	5 9	2 41	14 1	1 27	1 34	0 45	23 26	0 0	12 10	1 26	19 14	0 15	20 11	1 32	12 18	17 32	13 35	13 55	20 56	8 10	0 47
F 11	3 48	23 46	2 34	5 29	2 52	14 28	1 31	1 15	0 45	23 26	0n0	12 7	1 26	19 14	0 15	20 11	1 32	12 19	17 32	13 35	13 56	20 58	8 11	0 47
S 12	3 24	19 48	1 28	5 45	3 2	14 54	1 36	0 56	0 44	23 26	0 0	12 5	1 26	19 14	0 15	20 11	1 32	12 20	17 33	13 34	13 57	21 0	8 13	0 47
S 13	3 1	14 42	0 15	5 57	3 10	15 21	1 40	0 37	0 44	23 27	0 0	12 3	1 26	19 14	0 15	20 11	1 31	12 21	17 33	13 34	13 58	21 2	8 14	0 47
M14	2 37	8 42	1s1	6 4	3 18	15 47	1 45	0 18	0 43	23 27	0 0	12 0	1 26	19 14	0 15	20 11	1 31	12 22	17 33	13 34	13 59	21 4	8 15	0 47
T 15	2 13	2 7	2 15	6 6	3 24	16 12	1 49	0n1	0 43	23 27	0 1	11 58	1 26	19 13	0 15	20 12	1 31	12 22	17 33	13 35	14 0	21 6	8 16	0 47
W16	1 50	4s42	3 22	6 4	3 28	16 38	1 54	0 19	0 42	23 27	0 1	11 55	1 26	19 13	0 15	20 12	1 31	12 23	17 33	13 36	14 1	21 9	8 17	0 47
T 17	1 26	11 21	4 16	5 58	3 31	17 3	1 58	0 38	0 42	23 27	0 1	11 53	1 26	19 13	0 15	20 12	1 31	12 24	17 34	13 37	14 2	21 11	8 19	0 46
F 18	1 2	17 22	4 53	5 47	3 32	17 27	2 2	0 57	0 41	23 28	0 1	11 51	1 27	19 13	0 15	20 12	1 31	12 25	17 34	13 39	14 4	21 13	8 20	0 46
S 19	0 39	22 20	5 10	5 32	3 31	17 51	2 7	1 16	0 40	23 28	0 1	11 48	1 27	19 13	0 15	20 12	1 31	12 25	17 34	13 40	14 5	21 15	8 21	0 46
S 20	0 15	25 50	5 7	5 14	3 28	18 15	2 11	1 35	0 40	23 28	0 1	11 46	1 27	19 12	0 15	20 13	1 31	12 26	17 34	13 42	14 6	21 17	8 23	0 46
M21	0n9	27 36	4 45	4 52	3 24	18 39	2 16	1 54	0 39	23 28	0 1	11 43	1 27	19 12	0 15	20 13	1 31	12 27	17 34	13 42	14 7	21 19	8 24	0 46
T 22	0 32	27 34	4 6	4 27	3 18	19 1	2 20	2 12	0 39	23 29	0 1	11 41	1 27	19 12	0 15	20 13	1 31	12 28	17 34	13 43	14 8	21 21	8 25	0 46
W23	0 56	25 49	3 13	3 59	3 10	19 24	2 24	2 31	0 38	23 29	0 1	11 39	1 27	19 12	0 15	20 13	1 31	12 28	17 34	13 43	14 9	21 23	8 26	0 46
T 24	1 20	22 39	2 12	3 30	3 0	19 46	2 29	2 50	0 38	23 29	0 2	11 37	1 27	19 11	0 15	20 13	1 31	12 29	17 35	13 42	14 10	21 26	8 28	0 46
F 25	1 43	18 22	1 4	2 59	2 49	20 8	2 33	3 9	0 37	23 29	0 2	11 34	1 27	19 11	0 15	20 14	1 31	12 30	17 35	13 42	14 11	21 28	8 29	0 46
S 26	2 7	13 19	0n5	2 28	2 37	20 29	2 37	3 27	0 36	23 29	0 2	11 32	1 27	19 11	0 15	20 14	1 31	12 31	17 35	13 41	14 12	21 30	8 30	0 46
S 27	2 30	7 48	1 13	1 56	2 23	20 50	2 41	3 46	0 36	23 30	0 2	11 30	1 28	19 11	0 15	20 14	1 31	12 31	17 35	13 42	14 13	21 32	8 32	0 46
M28	2 54	2 4	2 16	1 24	2 9	21 10	2 45	4 4	0 35	23 30	0 2	11 27	1 28	19 10	0 15	20 14	1 31	12 32	17 35	13 43	14 14	21 34	8 33	0 46
T 29	3 17	3n39	3 12	0 54	1 54	21 30	2 50	4 23	0 35	23 30	0 2	11 25	1 28											

SWISS EPHEMERIS for the year 1729

APRIL 1729

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Day	Sid.t	☉	☽	♀	♂	♃	♄	♅	♆	♇	♈	♉	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓	
F 1	12 37 13	11°13'51	7♄59	26°R11	26♄54	14°Y41	28♁36	4♃19	26°R28	8♁27	8°R59	22°R59	21°41	16♄31	20°Y17								
S 2	12 41 10	12°12'55	19°52	25♃47	27°54	15°27	28°44	4°26	26♁27	8°28	8♄57	22°49	21°38	16°37	20°21								
S 3	12 45 6	13°11'57	1♁43	25°29	28°54	16°12	28°51	4°32	26°25	8°29	8°56	22°41	21°35	16°44	20°25								
M 4	12 49 3	14°10'56	13°36	25°16	29°54	16°58	28°58	4°38	26°23	8°31	8°54	22°35	21°32	16°51	20°28								
T 5	12 52 59	15° 9'53	25°33	25° 9	0♁54	17°43	29° 6	4°44	26°22	8°32	8°52	22°30	21°29	16°57	20°32								
W 6	12 56 56	16° 8'48	7♄39	25°D 7	1°53	18°29	29°14	4°50	26°20	8°34	8°51	22°28	21°25	17° 4	20°36								
T 7	13 0 53	17° 7'40	19°59	25°10	2°51	19°14	29°21	4°56	26°18	8°35	8°49	22°D28	21°22	17°11	20°40								
F 8	13 4 49	18° 6'31	2♁38	25°19	3°49	19°59	29°29	5° 2	26°17	8°37	8°47	22°R28	21°19	17°18	20°44								
S 9	13 8 46	19° 5'18	15°39	25°32	4°47	20°45	29°38	5° 8	26°15	8°38	8°46	22°R29	21°16	17°24	20°47								
S 10	13 12 42	20° 4'04	29° 8	25°51	5°44	21°30	29°46	5°14	26°13	8°40	8°44	22°29	21°13	17°31	20°51								
M11	13 16 39	21° 2'47	13♁5	26°14	6°40	22°15	29°54	5°20	26°11	8°42	8°43	22°28	21° 9	17°38	20°55								
T 12	13 20 35	22° 1'28	27°30	26°41	7°36	23° 0	0♄3	5°26	26° 9	8°43	8°41	22°23	21° 6	17°45	20°59								
W13	13 24 32	23° 0'07	12♁20	27°13	8°31	23°45	0°11	5°32	26° 7	8°45	8°39	22°17	21° 3	17°51	21° 2								
T 14	13 28 28	23°58'44	27°26	27°49	9°26	24°30	0°20	5°37	26° 5	8°47	8°38	22° 9	21° 0	17°58	21° 6								
F 15	13 32 25	24°57'19	12♁40	28°29	10°21	25°15	0°29	5°43	26° 3	8°48	8°36	21°59	20°57	18° 5	21°10								
S 16	13 36 22	25°55'53	27°50	29°13	11°14	26° 0	0°38	5°48	26° 1	8°50	8°35	21°50	20°54	18°11	21°14								
S 17	13 40 18	26°54'24	12♁47	29°59	12° 7	26°45	0°47	5°54	25°59	8°52	8°33	21°42	20°50	18°18	21°17								
M18	13 44 15	27°52'54	27°32	0°Y50	13° 0	27°30	0°56	5°59	25°57	8°54	8°31	21°37	20°47	18°25	21°21								
T 19	13 48 11	28°51'23	11♁32	1°44	13°51	28°15	1° 5	6° 5	25°55	8°55	8°30	21°33	20°44	18°32	21°25								
W20	13 52 8	29°49'49	25°16	2°41	14°42	28°59	1°15	6°10	25°53	8°57	8°28	21°D32	20°41	18°38	21°29								
T 21	13 56 4	0♄48'14	8♁35	3°40	15°33	29°44	1°24	6°15	25°51	8°59	8°27	21°32	20°38	18°45	21°32								
F 22	14 0 1	1°46'38	21°32	4°43	16°22	0♄29	1°34	6°20	25°49	9° 1	8°25	21°R32	20°34	18°52	21°36								
S 23	14 3 57	2°45'00	4♃11	5°48	17°11	1°13	1°44	6°25	25°46	9° 3	8°24	21°32	20°31	18°59	21°40								
S 24	14 7 54	3°43'20	16°36	6°56	17°59	1°58	1°53	6°30	25°44	9° 5	8°22	21°29	20°28	19° 5	21°44								
M25	14 11 51	4°41'38	28°49	8° 7	18°46	2°42	2° 3	6°35	25°42	9° 7	8°21	21°24	20°25	19°12	21°47								
T 26	14 15 47	5°39'55	10°Y55	9°19	19°32	3°27	2°13	6°40	25°39	9° 9	8°19	21°16	20°22	19°19	21°51								
W27	14 19 44	6°38'11	22°55	10°35	20°18	4°11	2°24	6°45	25°37	9°11	8°18	21° 5	20°19	19°25	21°55								
T 28	14 23 40	7°36'24	4♄51	11°52	21° 2	4°55	2°34	6°50	25°35	9°12	8°16	20°52	20°15	19°32	21°58								
F 29	14 27 37	8°34'36	16°44	13°12	21°46	5°40	2°44	6°55	25°33	9°14	8°15	20°38	20°12	19°39	22° 2								
S 30	14 31 33	9♄32'46	28♄36	14°Y34	22°II28	6♄24	2♄55	6♃59	25♁30	9♁16	8♄14	20♁25	20♁ 9	19♄46	22°Y 6								

Day	☉	☽	♀	♂	♃	♄	♅	♆	♇	♈	♉	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓			
	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	4n27	18n51	4n56	0s30	1n 6	22n26	3n 1	5n17	0s33	23n31	0n 2	11s19	1s28	19s 9	0n15	20n15	1s30	12n35	17n35	13s53	14s18	21n42	8n38	0n45
S 2	4 50	22 38	5 6	0 55	0 50	22 44	3 5	5 36	0 32	23 31	0 3	11 16	1 28	19 9	0 15	20 16	1 30	12 35	17 35	13 56	14 19	21 44	8 40	0 45
S 3	5 13	25 28	5 3	1 16	0 34	23 1	3 9	5 54	0 32	23 31	0 3	11 14	1 29	19 8	0 15	20 16	1 30	12 36	17 35	13 58	14 20	21 46	8 41	0 45
M 4	5 36	27 12	4 46	1 36	0 19	23 18	3 13	6 12	0 31	23 31	0 3	11 12	1 29	19 8	0 15	20 16	1 30	12 36	17 35	14 1	14 21	21 48	8 42	0 45
T 5	5 59	27 41	4 17	1 53	0 3	23 34	3 17	6 30	0 31	23 31	0 3	11 10	1 29	19 7	0 15	20 17	1 30	12 37	17 35	14 2	14 22	21 50	8 44	0 45
W 6	6 22	26 51	3 37	2 7	0s11	23 50	3 20	6 48	0 30	23 31	0 3	11 8	1 29	19 7	0 15	20 17	1 30	12 38	17 35	14 3	14 23	21 52	8 45	0 45
T 7	6 44	24 42	2 45	2 19	0 26	24 5	3 24	7 5	0 29	23 32	0 3	11 6	1 29	19 7	0 15	20 17	1 30	12 38	17 35	14 3	14 24	21 54	8 46	0 45
F 8	7 7	21 18	1 44	2 28	0 39	24 20	3 27	7 23	0 29	23 32	0 3	11 4	1 29	19 6	0 15	20 17	1 30	12 39	17 35	14 3	14 25	21 56	8 48	0 45
S 9	7 29	16 45	0 37	2 35	0 53	24 34	3 30	7 41	0 28	23 32	0 3	11 2	1 29	19 6	0 15	20 18	1 30	12 39	17 35	14 2	14 26	21 58	8 49	0 45
S 10	7 51	11 14	0s35	2 39	1 5	24 48	3 34	7 58	0 28	23 32	0 3	11 0	1 30	19 5	0 15	20 18	1 30	12 40	17 34	14 2	14 27	22 0	8 50	0 44
M11	8 14	5 0	1 48	2 40	1 17	25 1	3 37	8 16	0 27	23 32	0 3	10 58	1 30	19 5	0 15	20 18	1 30	12 41	17 34	14 3	14 28	22 2	8 52	0 44
T 12	8 36	1s41	2 55	2 40	1 28	25 14	3 40	8 33	0 26	23 32	0 4	10 56	1 30	19 5	0 15	20 19	1 30	12 41	17 34	14 4	14 29	22 4	8 53	0 44
W13	8 57	8 27	3 53	2 37	1 38	25 26	3 43	8 50	0 26	23 32	0 4	10 54	1 30	19 4	0 15	20 19	1 30	12 42	17 34	14 6	14 30	22 6	8 54	0 44
T 14	9 19	14 52	4 36	2 31	1 48	25 37	3 46	9 7	0 25	23 32	0 4	10 52	1 30	19 4	0 15	20 19	1 30	12 42	17 34	14 9	14 31	22 8	8 56	0 44
F 15	9 41	20 25	4 59	2 24	1 57	25 48	3 48	9 24	0 24	23 32	0 4	10 50	1 30	19 3	0 15	20 19	1 30	12 43	17 34	14 12	14 32	22 10	8 57	0 44
S 16	10 2	24 36	5 2	2 14	2 5	25 58	3 51	9 41	0 24	23 32	0 4	10 48	1 31	19 3	0 15	20 20	1 30	12 43	17 34	14 15	14 33	22 12	8 58	0 44
S 17	10 23	27 3	4 43	2 2	2 13	26 8	3 54	9 58	0 23	23 32	0 4	10 46	1 31	19 2	0 15	20 20	1 30	12 43	17 34	14 18	14 34	22 14	9 0	0 44
M18	10 44	27 34	4 7	1 49	2 20	26 18	3 56	10 15	0 23	23 33	0 4	10 44	1 31	19 2	0 15	20 20	1 30	12 44	17 33	14 19	14 35	22 16	9 1	0 44
T 19	11 5	26 13	3 16	1 33	2 26	26 26	3 58	10 31	0 22	23 33	0 4	10 42	1 31	19 1	0 15	20 21	1 30	12 44	17 33</					

SWISS EPHEMERIS for the year 1729

MAY 1729

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S 1	14 35 30	10♁30'55	10♐28	15♃58	23♐10	7♁ 8	3♁ 5	7♁ 4	25°R28	9♐18	8°R12	20°R12	20♁ 6	19♁52	22♃ 9								
M 2	14 39 26	11°29'01	22°22	17°25	23°50	7°52	3°16	7° 8	25♐25	9°20	8♁11	20♁ 2	20° 3	19°59	22°13								
T 3	14 43 23	12°27'06	4♁21	18°53	24°30	8°36	3°26	7°13	25°23	9°23	8°10	19°54	20° 0	20° 6	22°16								
W 4	14 47 20	13°25'09	16°28	20°23	25° 8	9°20	3°37	7°17	25°21	9°25	8° 8	19°50	19°56	20°12	22°20								
T 5	14 51 16	14°23'10	28°47	21°56	25°45	10° 4	3°48	7°21	25°18	9°27	8° 7	19°47	19°53	20°19	22°24								
F 6	14 55 13	15°21'09	11♁23	23°30	26°20	10°48	3°59	7°25	25°16	9°29	8° 6	19°47	19°50	20°26	22°27								
S 7	14 59 9	16°19'07	24°19	25° 7	26°55	11°32	4°10	7°29	25°13	9°31	8° 5	19°47	19°47	20°33	22°31								
S 8	15 3 6	17°17'02	7♐41	26°46	27°28	12°16	4°21	7°33	25°11	9°33	8° 3	19°46	19°44	20°39	22°34								
M 9	15 7 2	18°14'55	21°31	28°26	27°59	13° 0	4°32	7°37	25° 8	9°35	8° 2	19°44	19°40	20°46	22°38								
T 10	15 10 59	19°12'47	5♁50	0♁ 9	28°29	13°43	4°44	7°41	25° 6	9°37	8° 1	19°39	19°37	20°53	22°41								
W 11	15 14 55	20°10'37	20°37	1°53	28°58	14°27	4°55	7°45	25° 3	9°39	8° 0	19°31	19°34	21° 0	22°45								
T 12	15 18 52	21° 8'25	5♐44	3°40	29°25	15°10	5° 6	7°48	25° 1	9°41	7°59	19°22	19°31	21° 6	22°48								
F 13	15 22 49	22° 6'12	21° 4	5°29	29°50	15°54	5°18	7°52	24°58	9°44	7°58	19°11	19°28	21°13	22°51								
S 14	15 26 45	23° 3'58	6♁23	7°20	0♁14	16°37	5°29	7°55	24°56	9°46	7°57	19° 1	19°25	21°20	22°55								
S 15	15 30 42	24° 1'42	21°32	9°12	0°36	17°21	5°41	7°59	24°53	9°48	7°56	18°51	19°21	21°26	22°58								
M 16	15 34 38	24°59'25	6♁20	11° 7	0°56	18° 4	5°53	8° 2	24°51	9°50	7°55	18°44	19°18	21°33	23° 2								
T 17	15 38 35	25°57'07	20°42	13° 4	1°14	18°48	6° 4	8° 5	24°48	9°52	7°54	18°40	19°15	21°40	23° 5								
W 18	15 42 31	26°54'48	4♁34	15° 3	1°30	19°31	6°16	8° 9	24°46	9°54	7°53	18°37	19°12	21°47	23° 8								
T 19	15 46 28	27°52'27	17°58	17° 3	1°44	20°14	6°28	8°12	24°43	9°57	7°52	18°D37	19° 9	21°53	23°11								
F 20	15 50 24	28°50'06	0♁57	19° 6	1°56	20°57	6°40	8°15	24°41	9°59	7°51	18°R37	19° 6	22° 0	23°15								
S 21	15 54 21	29°47'44	13°34	21°10	2° 7	21°40	6°52	8°18	24°38	10° 1	7°50	18°36	19° 2	22° 7	23°18								
S 22	15 58 18	0♐45'20	25°54	23°15	2°15	22°23	7° 4	8°20	24°36	10° 3	7°49	18°34	18°59	22°14	23°21								
M 23	16 2 14	1°42'56	8°0°	25°23	2°20	23° 6	7°16	8°23	24°33	10° 5	7°48	18°29	18°56	22°20	23°24								
T 24	16 6 11	2°40'30	20° 2	27°31	2°24	23°49	7°28	8°26	24°31	10° 8	7°47	18°22	18°53	22°27	23°27								
W 25	16 10 7	3°38'04	1♁56	29°41	2°R25	24°32	7°41	8°28	24°28	10°10	7°47	18°12	18°50	22°34	23°30								
T 26	16 14 4	4°35'37	13°48	1♐52	2°24	25°15	7°53	8°31	24°26	10°12	7°46	18° 0	18°46	22°40	23°33								
F 27	16 18 0	5°33'09	25°40	4° 3	2°20	25°58	8° 5	8°33	24°23	10°14	7°45	17°47	18°43	22°47	23°36								
S 28	16 21 57	6°30'40	7♐33	6°15	2°15	26°41	8°18	8°35	24°21	10°17	7°45	17°34	18°40	22°54	23°39								
S 29	16 25 53	7°28'10	19°28	8°27	2° 6	27°23	8°30	8°37	24°19	10°19	7°44	17°22	18°37	23° 1	23°42								
M 30	16 29 50	8°25'38	1♁28	10°39	1°56	28° 6	8°43	8°39	24°16	10°21	7°43	17°12	18°34	23° 7	23°45								
T 31	16 33 47	9♐23'06	13♁34	12♐51	1♁43	28♁49	8♁55	8♁41	24♐14	10♐23	7♁43	17♁ 5	18♁31	23♁14	23♁48								

Day	☉	☽	♀	♁	♂	♃	♄	♅	♆	♇	♈	♉	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
S 1	15n 0	26n42	4n42	3n39	2s52	27n30	4n13	13n41	0s14	23n32	0n 5	10s23	1s33	18s55	0n15	20n25	1s29	12n49	17n30	14s46	14s48	22n41	9n18	0n43
M 2	15 18	27 29	4 14	4 14	2 50	27 32	4 13	13 56	0 14	23 32	0 5	10 21	1 34	18 54	0 15	20 25	1 29	12 49	17 30	14 50	14 49	22 43	9 20	0 43
T 3	15 36	26 59	3 35	4 49	2 47	27 34	4 12	14 11	0 13	23 31	0 6	10 20	1 34	18 54	0 15	20 25	1 29	12 49	17 30	14 52	14 50	22 45	9 21	0 43
W 4	15 53	25 12	2 46	5 26	2 45	27 35	4 12	14 26	0 12	23 31	0 6	10 18	1 34	18 53	0 15	20 26	1 29	12 49	17 29	14 54	14 51	22 47	9 22	0 43
T 5	16 11	22 12	1 48	6 4	2 41	27 36	4 11	14 40	0 12	23 31	0 6	10 17	1 34	18 53	0 15	20 26	1 29	12 49	17 29	14 54	14 52	22 48	9 23	0 43
F 6	16 28	18 6	0 44	6 43	2 37	27 36	4 10	14 55	0 11	23 31	0 6	10 15	1 34	18 52	0 15	20 26	1 29	12 50	17 29	14 54	14 53	22 50	9 25	0 43
S 7	16 45	13 3	0s24	7 22	2 32	27 35	4 9	15 9	0 11	23 31	0 6	10 14	1 35	18 51	0 15	20 27	1 29	12 50	17 29	14 54	14 54	22 52	9 26	0 43
S 8	17 1 7	16 1	1 33	8 3	2 27	27 35	4 8	15 23	0 10	23 30	0 6	10 13	1 35	18 51	0 15	20 27	1 29	12 50	17 28	14 55	14 55	22 54	9 27	0 43
M 9	17 17	0 56	2 39	8 44	2 22	27 32	4 6	15 37	0 9	23 30	0 6	10 12	1 35	18 50	0 15	20 27	1 29	12 50	17 28	14 55	14 56	22 56	9 29	0 43
T 10	17 33	5s39	3 37	9 26	2 15	27 33	4 4	15 51	0 9	23 30	0 6	10 10	1 35	18 50	0 15	20 28	1 29	12 50	17 27	14 57	14 57	22 58	9 30	0 42
W 11	17 49	12 7	4 23	10 8	2 9	27 30	4 1	16 4	0 8	23 29	0 6	10 9	1 35	18 49	0 15	20 28	1 29	12 50	17 27	14 59	14 58	22 59	9 31	0 42
T 12	18 4 18	2 4	5 2	10 51	2 2	27 27	3 59	16 18	0 7	23 29	0 6	10 8	1 36	18 48	0 15	20 28	1 29	12 50	17 27	15 2	14 59	23 1	9 32	0 42
F 13	18 19	22 52	5 0	11 35	1 54	27 24	3 56	16 31	0 7	23 29	0 6	10 7	1 36	18 48	0 15	20 29	1 29	12 50	17 26	15 6	15 0	23 3	9 33	0 42
S 14	18 34	26 7	4 47	12 19	1 46	27 21	3 53	16 44	0 6	23 28	0 7	10 6	1 36	18 47	0 15	20 29	1 29	12 50	17 26	15 9	15 1	23 5	9 35	0 42
S 15	18 48	27 25	4 13	13 3	1 37	27 17	3 49	16 57	0 5	23 28	0 7	10 5	1 36	18 47	0 15	20 29	1 29	12 51	17 26	15 12	15 2	23 6	9 36	0 42
M 16	19 3 26	43 3	23 13	4 7	1 29	27 13	3 45	17 10	0 5	23 27	0 7	10 4	1 36	18 46	0 15	20 30	1 29	12 51	17 25	15 14	15 3	23 8	9 37	0 42
T 17	19 16	24 13	2 22	14 31	1 19	27 9	3 41	17 22	0 4	23 27	0 7	10 3	1 37	18 45	0 15	20 30	1 29	12 51	17 25	15 15	15 4	23 10	9 38	0 42
W 18	19 30	20 20	1 14	15 16	1 10	27 4	3 36	17 35	0 4	23 27	0 7	10 2	1 37	18 45	0 15	20 30	1 29	12 51	17 24	15 16	15 5	23 12	9 39	0 42
T 19	19 43	15 31	0 3	16 0	1 0	26 59	3 31	17 47	0 3	23 26	0 7	10 1	1 37	18 44	0 15	20 31	1 29	12 51	17 24	15 16	15 6	23 14	9 41	0 42
F 20	19 56	10 9	1n 5	16 43	0 50	26 53	3 25	17 59	0 2	23 26	0 7	10 0	1 37	18 44	0 15	20 31	1 29	12 50	17 23	15 16	15 7	23 15	9 42	0 42
S 21	20 8 4	3 30	2 8	17 27	0 39	26 47	3 19	18 11	0 2	23 25	0 7	9 59	1 38	18 43	0 15	20 31	1 29	12 50	17 23	15 16	15 8	23 17	9 43	0 42
S 22	20 20	1n11	3 3	18 9	0 29	26 40	3 13	18 23	0 1	23 24	0 7	9 58	1 38	18 42	0 15	20 32	1 29	12 50	17 23	15 17	15 9	23 19	9 44	0 42
M 23	20 32	6 43	3 50	18 50	0 18	26 33	3 6	18 34	0 0	23 24	0 7	9 57	1 38	18 42	0 15	20 32	1 29	12 50	17 22	15 19	15 10	23 20	9 45	0 42
T 24	20 44	11 56	4 25	19 31	0 8	26 26	2 59	18 46	0n 0	23 23	0 7	9 56	1 38	18 41	0 15	20 32	1 29	12 50	17 22	15 21	15 11	23 22	9 46	0 42
W 25	20 55	16 41	4 49	20 10	0n 3	26 18	2 51	18 57	0 1	23 23	0 7	9 56	1 38	18 41	0 15	20 33	1 29	12 50	17 21	15 24	15 12	23 24	9 47	0 42
T 26	21 5 20	46 5	0 20	47 0	14 26	10 2	43 19	8 0	2 23	22 0 8	9 55	1 39	18 40	0 15	20 33	1 29	12 50	17 21	15 28	15 13	23 26	9 48	0 42	
F 27	21 16	24 1	4 58	21 23	0 24	26 2	2 34	19 19	0 2	23 21	0 8	9 54	1 39	18 39	0 15	20 33	1 29	12 50	17 20	15 32	15 14	23 27	9 49	0 42
S 28	21 26	26 15	4 43	21 57	0 34	25 5																		

SWISS EPHEMERIS for the year 1729

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Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁
W 1	16 37 43	10II20'33	25☾47	15II 2	1°R27	29♁31	9☽ 8	8♁43	24°R11	10II26	7°R42	17°R 0	18☾27	23♁21	23°V51
T 2	16 41 40	11°17'58	8♁12	17°12	1☽ 9	0II14	9°21	8°45	24II 9	10°28	7♁42	16☾58	18°24	23°28	23°54
F 3	16 45 36	12°15'23	20°51	19°21	0°49	0°56	9°33	8°47	24° 7	10°30	7°41	16°D58	18°21	23°34	23°57
S 4	16 49 33	13°12'46	3III48	21°28	0°27	1°38	9°46	8°48	24° 4	10°32	7°41	16°59	18°18	23°41	24° 0
S 5	16 53 29	14°10'08	17° 6	23°34	0° 2	2°21	9°59	8°50	24° 2	10°35	7°40	16°R59	18°15	23°48	24° 2
M 6	16 57 26	15° 7'29	0♁49	25°39	29II35	3° 3	10°12	8°51	24° 0	10°37	7°40	16°58	18°12	23°54	24° 5
T 7	17 1 22	16° 4'48	14°57	27°41	29° 7	3°45	10°24	8°52	23°58	10°39	7°39	16°55	18° 8	24° 1	24° 8
W 8	17 5 19	17° 2'07	29°31	29°42	28°37	4°27	10°37	8°54	23°55	10°41	7°39	16°49	18° 5	24° 8	24°10
T 9	17 9 16	17°59'25	14III26	1☽40	28° 5	5° 9	10°50	8°55	23°53	10°44	7°39	16°42	18° 2	24°15	24°13
F 10	17 13 12	18°56'42	29°34	3°36	27°31	5°52	11° 3	8°56	23°51	10°46	7°39	16°34	17°59	24°21	24°15
S 11	17 17 9	19°53'59	14♁46	5°30	26°56	6°34	11°16	8°57	23°49	10°48	7°38	16°26	17°56	24°28	24°18
S 12	17 21 5	20°51'15	29°52	7°22	26°21	7°15	11°29	8°57	23°47	10°50	7°38	16°18	17°52	24°35	24°20
M13	17 25 2	21°48'30	14♁41	9°11	25°44	7°57	11°42	8°58	23°44	10°52	7°38	16°13	17°49	24°41	24°23
T 14	17 28 58	22°45'45	29° 7	10°58	25° 7	8°39	11°55	8°59	23°42	10°55	7°38	16°10	17°46	24°48	24°25
W15	17 32 55	23°42'59	13☾ 6	12°43	24°29	9°21	12° 8	8°59	23°40	10°57	7°38	16°D 8	17°43	24°55	24°27
T 16	17 36 52	24°40'13	26°36	14°25	23°51	10° 3	12°21	9° 0	23°38	10°59	7°38	16° 9	17°40	25° 2	24°29
F 17	17 40 48	25°37'27	9♁40	16° 5	23°14	10°44	12°35	9° 0	23°36	11° 1	7°38	16°10	17°37	25° 8	24°32
S 18	17 44 45	26°34'41	22°21	17°43	22°37	11°26	12°48	9° 0	23°34	11° 3	7°D38	16°R11	17°33	25°15	24°34
S 19	17 48 41	27°31'55	4°V43	19°18	22° 0	12° 8	13° 1	9° 0	23°32	11° 6	7°38	16°10	17°30	25°22	24°36
M20	17 52 38	28°29'08	16°51	20°50	21°25	12°49	13°14	9°R 0	23°30	11° 8	7°38	16° 8	17°27	25°29	24°38
T 21	17 56 34	29°26'21	28°49	22°21	20°50	13°31	13°28	9° 0	23°29	11°10	7°38	16° 5	17°24	25°35	24°40
W22	18 0 31	0☽23'35	10♁42	23°48	20°17	14°12	13°41	9° 0	23°27	11°12	7°38	15°59	17°21	25°42	24°42
T 23	18 4 27	1°20'48	22°34	25°14	19°45	14°54	13°54	9° 0	23°25	11°14	7°38	15°52	17°18	25°49	24°44
F 24	18 8 24	2°18'01	4II26	26°36	19°14	15°35	14° 7	8°59	23°23	11°16	7°38	15°44	17°14	25°55	24°46
S 25	18 12 21	3°15'15	16°23	27°56	18°46	16°16	14°21	8°59	23°21	11°18	7°38	15°36	17°11	26° 2	24°48
S 26	18 16 17	4°12'28	28°25	29°14	18°19	16°57	14°34	8°58	23°20	11°21	7°39	15°29	17° 8	26° 9	24°50
M27	18 20 14	5° 9'41	10☽33	0♁29	17°55	17°39	14°47	8°57	23°18	11°23	7°39	15°23	17° 5	26°16	24°52
T 28	18 24 10	6° 6'54	22°51	1°41	17°32	18°20	15° 1	8°57	23°16	11°25	7°39	15°19	17° 2	26°22	24°53
W29	18 28 7	7° 4'07	5♁18	2°51	17°12	19° 1	15°14	8°56	23°15	11°27	7°40	15°17	16°58	26°29	24°55
T 30	18 32 3	8☽ 1'19	17♁56	3♁57	16II54	19II42	15☽28	8♁55	23II13	11II29	7♁40	15°D16	16☾55	26♁36	24°V57

Day	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁	♁									
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat									
W 1	22n 2	22n49	1n50	23n49	1n11	25n12	1n44	20n10	0n 5	23n18	0n 8	9s51	1s40	18s37	0n15	20n35	1s29	12n49	17n18	15s46	15s19	23n36	9n55	0n41
T 2	22 10 19	0 47	24 10	1 19 25	1 1 33	20 20	0 6 23	17 0 8	9 51	1 40	18 36	0 15 20	35 1 29	12 49	17 17	15 46	15 20	23 37	9 56	0 41				
F 3	22 18 14	14 14	0s21	24 29	1 26	24 49	1 21	20 29	0 7 23	16 0 8	9 51	1 41	18 35	0 15 20	36 1 29	12 48	17 17	15 46	15 21	23 39	9 57	0 41		
S 4	22 25 8	45 1 28	24 45	1 33	24 37	1 9	20 39	0 7 23	15 0 8	9 50	1 41	18 35	0 15 20	36 1 29	12 48	17 16	15 46	15 22	23 41	9 58	0 41			
S 5	22 32 2	45 2 33	24 58	1 39	24 25	0 56	20 48	0 8 23	14 0 8	9 50	1 41	18 34	0 15 20	36 1 29	12 48	17 16	15 46	15 23	23 42	9 59	0 41			
M 6	22 39 3	45 3 32	25 9	1 45	24 12	0 43	20 57	0 9 23	14 0 9	9 50	1 41	18 34	0 15 20	37 1 29	12 47	17 15	15 47	15 24	23 44	9 59	0 41			
T 7	22 45 9	53 4 19	25 17	1 49	23 59	0 30	21 5	0 9 23	13 0 9	9 49	1 41	18 33	0 15 20	37 1 29	12 47	17 15	15 47	15 25	23 46	10 0	41			
W 8	22 51 15	51 4 51	25 22	1 53	23 45	0 17	21 14	0 10 23	12 0 9	9 49	1 42	18 33	0 15 20	37 1 29	12 47	17 14	15 49	15 26	23 47	10 1	41			
T 9	22 56 21	2 5 4	25 24	1 56	23 31	0 3	21 22	0 11 23	11 0 9	9 49	1 42	18 32	0 15 20	38 1 29	12 46	17 14	15 51	15 27	23 49	10 2	41			
F 10	23 1 24	55 4 57	25 24	1 59	23 16	0s11	21 30	0 11 23	10 0 9	9 49	1 42	18 32	0 15 20	38 1 29	12 46	17 13	15 54	15 28	23 50	10 3	41			
S 11	23 5 27	3 4 28	25 22	2 0	23 1	0 25	21 38	0 12 23	9 0 9	9 49	1 42	18 31	0 15 20	38 1 29	12 46	17 13	15 56	15 29	23 52	10 4	41			
S 12	23 10 27	10 3 42	25 17	2 1	22 46	0 39	21 46	0 12 23	8 0 9	9 49	1 43	18 31	0 15 20	38 1 29	12 45	17 12	15 58	15 30	23 54	10 5	41			
M13	23 13 25	19 2 40	25 11	2 1	22 31	0 53	21 53	0 13 23	7 0 9	9 49	1 43	18 30	0 15 20	39 1 29	12 45	17 12	16 0	15 31	23 55	10 6	41			
T 14	23 17 21	50 1 30	25 2	2 1	22 16	1 7	22 0	0 14 23	6 0 9	9 48	1 43	18 30	0 15 20	39 1 29	12 44	17 11	16 1	15 32	23 57	10 7	41			
W15	23 20 17	10 0 16	24 51	2 0	22 0	1 21	22 7	0 14 23	5 0 9	9 49	1 43	18 29	0 15 20	39 1 29	12 44	17 11	16 1	15 33	23 58	10 7	41			
T 16	23 22 11	47 0n56	24 39	1 58	21 45	1 35	22 14	0 15 23	3 0 9	9 49	1 44	18 29	0 15 20	40 1 29	12 43	17 10	16 1	15 34	24 0	10 8	41			
F 17	23 24 6	3 2 3	24 24	1 55	21 29	1 49	22 21	0 16 23	2 0 9	9 49	1 44	18 28	0 14 20	40 1 29	12 43	17 10	16 1	15 35	24 2	10 9	41			
S 18	23 26 0	15 3 2	24 9	1 52	21 14	2 3	22 27	0 16 23	1 0 10	9 49	1 44	18 28	0 14 20	40 1 29	12 42	17 9	16 1	15 36	24 3	10 10	41			
S 19	23 27 5	25 3 51	23 52	1 48	20 58	2 16	22 34	0 17 23	0 0 10	9 49	1 44	18 27	0 14 20	41 1 29	12 42	17 9	16 1	15 37	24 5	10 10	41			
M20	23 28 10	46 4 29	23 33	1 43	20 43	2 29	22 40	0 18 22	59 0 10	9 49	1 45	18 27	0 14 20	41 1 29	12 41	17 8	16 1	15 38	24 6	10 11	40			
T 21	23 29 15	39 4 54	23 14	1 38	20 29	2 41	22 45	0 18 22	57 0 10	9 50	1 45	18 26	0 14 20	41 1 29	12 41	17 7	16 3	15 39	24 8	10 12	40			
W22	23 29 19	54 5 6	22 53	1 32	20 14	2 53	22 51	0 18 22	56 0 10	9 50	1 45	18 26	0 14 20	41 1 29	12 40	17 7	16 4	15 40	24 9	10 13	40			
T 23	23 28 23	22 5 6	22 31	1 25	20 1	3 5	22 56	0 19 22	55 0 10	9 50	1 45	18 25	0 14 20	42 1 29	12 40	17 6	16 6	15 41	24 11	10 13	40			
F 24	23 27 25	50 4 52	22 9	1 18	19 47	3 16	23 2	0 20 22	54 0 10	9 50	1 46	18 25	0 14 20	42 1 29	12 39	17 6	16 9	15 42	24 12	10 14	40			
S 25	23 26 27	10 4 25	21 45	1 10	19 34	3 26	23 7	0 21 22	52 0 10	9 51	1 46	18 25	0 14 20	42 1 29	12 39	17 5	16 11	15 42	24 14	10 15	40			
S 26	23 25																							

SWISS EPHEMERIS for the year 1729

JULY 1729

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Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁
F 1	18 36 0	8 ^h 58'32	0 ^m 47	5 ^h 01	16°R38	20 ^h 23	15 ^h 41	8°R54	23°R12	11 ^h 31	7 ^h 41	15 ^h 17	16 ^h 52	26 ^h 42	24 ^h 58
S 2	18 39 56	9°55'44	13°54	6° 2	16 ^h 25	21° 4	15°54	8 ^h 53	23 ^h 10	11°33	7°41	15°19	16°49	26°49	25° 0
S 3	18 43 53	10°52'56	27°17	6°59	16°14	21°45	16° 8	8°51	23° 9	11°35	7°41	15°20	16°46	26°56	25° 1
M 4	18 47 50	11°50'07	10 ^h 59	7°53	16° 6	22°26	16°21	8°50	23° 8	11°37	7°42	15°R21	16°43	27° 3	25° 2
T 5	18 51 46	12°47'19	25° 0	8°45	15°59	23° 6	16°35	8°48	23° 6	11°39	7°43	15°20	16°39	27° 9	25° 4
W 6	18 55 43	13°44'30	9 ^h 20	9°32	15°56	23°47	16°48	8°47	23° 5	11°41	7°43	15°18	16°36	27°16	25° 5
T 7	18 59 39	14°41'42	23°56	10°16	15°D54	24°28	17° 2	8°45	23° 4	11°43	7°44	15°15	16°33	27°23	25° 6
F 8	19 3 36	15°38'53	8 ^h 43	10°56	15°55	25° 8	17°15	8°43	23° 2	11°45	7°44	15°11	16°30	27°30	25° 8
S 9	19 7 32	16°36'05	23°34	11°33	15°58	25°49	17°29	8°42	23° 1	11°47	7°45	15° 7	16°27	27°36	25° 9
S 10	19 11 29	17°33'16	8 ^h 22	12° 5	16° 3	26°30	17°42	8°40	23° 0	11°49	7°46	15° 4	16°24	27°43	25°10
M 11	19 15 26	18°30'28	22°58	12°33	16°11	27°10	17°55	8°38	22°59	11°51	7°47	15° 1	16°20	27°50	25°11
T 12	19 19 22	19°27'40	7 ^h 16	12°57	16°21	27°50	18° 9	8°36	22°58	11°52	7°47	15° 0	16°17	27°56	25°12
W 13	19 23 19	20°24'53	21°12	13°17	16°32	28°31	18°22	8°33	22°57	11°54	7°48	15°D 0	16°14	28° 3	25°13
T 14	19 27 15	21°22'06	4 ^h 43	13°32	16°46	29°11	18°36	8°31	22°56	11°56	7°49	15° 1	16°11	28°10	25°14
F 15	19 31 12	22°19'20	17°50	13°42	17° 2	29°51	18°49	8°29	22°55	11°58	7°50	15° 2	16° 8	28°17	25°15
S 16	19 35 8	23°16'34	0 ^h 35	13°48	17°20	0 ^h 32	19° 3	8°26	22°54	12° 0	7°51	15° 3	16° 4	28°23	25°15
S 17	19 39 5	24°13'50	13° 0	13°R48	17°39	1°12	19°16	8°24	22°54	12° 1	7°52	15° 5	16° 1	28°30	25°16
M 18	19 43 1	25°11'06	25°11	13°44	18° 1	1°52	19°29	8°21	22°53	12° 3	7°53	15°R 5	15°58	28°37	25°17
T 19	19 46 58	26° 8'23	7 ^h 10	13°35	18°24	2°32	19°43	8°18	22°52	12° 5	7°54	15° 5	15°55	28°43	25°17
W 20	19 50 54	27° 5'40	19° 4	13°21	18°49	3°12	19°56	8°16	22°52	12° 7	7°55	15° 3	15°52	28°50	25°18
T 21	19 54 51	28° 2'59	0 ^h 57	13° 2	19°15	3°52	20°10	8°13	22°51	12° 8	7°56	15° 1	15°49	28°57	25°19
F 22	19 58 48	29° 0'19	12°51	12°38	19°43	4°32	20°23	8°10	22°51	12°10	7°57	14°59	15°45	29° 4	25°19
S 23	20 2 44	29°57'39	24°52	12°10	20°12	5°12	20°36	8° 7	22°50	12°12	7°58	14°57	15°42	29°10	25°19
S 24	20 6 41	0 ^h 55'01	7 ^h 2	11°38	20°43	5°52	20°50	8° 4	22°50	12°13	7°59	14°55	15°39	29°17	25°20
M 25	20 10 37	1°52'23	19°21	11° 2	21°16	6°32	21° 3	8° 1	22°49	12°15	8° 1	14°53	15°36	29°24	25°20
T 26	20 14 34	2°49'46	1 ^h 53	10°23	21°49	7°12	21°16	7°57	22°49	12°17	8° 2	14°52	15°33	29°31	25°20
W 27	20 18 30	3°47'10	14°38	9°41	22°24	7°51	21°30	7°54	22°49	12°18	8° 3	14°D52	15°30	29°37	25°20
T 28	20 22 27	4°44'35	27°36	8°57	23° 0	8°31	21°43	7°51	22°48	12°20	8° 4	14°52	15°26	29°44	25°21
F 29	20 26 24	5°42'00	10 ^h 48	8°12	23°38	9°11	21°56	7°47	22°48	12°21	8° 6	14°53	15°23	29°51	25°21
S 30	20 30 20	6°39'26	24°14	7°26	24°16	9°50	22° 9	7°44	22°48	12°23	8° 7	14°53	15°20	29°57	25°R21
S 31	20 34 17	7 ^h 36'53	7 ^h 52	6 ^h 41	24 ^h 56	10 ^h 30	22 ^h 22	7 ^h 40	22 ^h 48	12 ^h 24	8 ^h 8	14 ^h 54	15 ^h 17	0 ^h 21	25 ^h 21

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	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat		
F 1	23n10	9n54	1s24	19n16	0n13	18n31	4s19	23n32	0n24	22n44	0n11	9s55	1s47	18s22	0n14	20n44	1s29	12n35	17n 2	16s17	15s48	24n23	10n18	0n40
S 2	23 6 4 3	2 30	18 50	0 2	18 23	4 25	23 35	0 25	22 42	0 11	9 55	1 47	18 22	0 14	20 44	1 29	12 34	17 2	16 16	15 49	24 24	10 19	0 40	
S 3	23 2 2s 7	3 29	18 24	0s 9	18 16	4 31	23 39	0 26	22 41	0 11	9 55	1 48	18 22	0 14	20 44	1 29	12 34	17 1	16 16	15 50	24 26	10 19	0 40	
M 4	22 57 8 18	4 18	17 59	0 21	18 9	4 37	23 42	0 26	22 39	0 11	9 56	1 48	18 21	0 14	20 45	1 29	12 33	17 0	16 16	15 51	24 27	10 20	0 40	
T 5	22 52 14 14	4 53	17 33	0 34	18 4	4 42	23 45	0 27	22 38	0 11	9 57	1 48	18 21	0 14	20 45	1 29	12 32	17 0	16 16	15 52	24 28	10 20	0 40	
W 6	22 46 19 31	5 11	17 9	0 47	17 59	4 47	23 47	0 27	22 36	0 11	9 58	1 48	18 21	0 14	20 45	1 29	12 31	16 59	16 16	15 53	24 30	10 20	0 40	
T 7	22 40 23 46	5 9	16 44	1 0	17 54	4 51	23 50	0 28	22 35	0 11	9 59	1 49	18 20	0 14	20 45	1 29	12 31	16 59	16 17	15 54	24 31	10 21	0 40	
F 8	22 33 26 30	4 46	16 20	1 13	17 51	4 55	23 52	0 29	22 33	0 11	9 59	1 49	18 20	0 14	20 46	1 29	12 30	16 58	16 18	15 55	24 33	10 21	0 40	
S 9	22 27 27 24	4 5	15 57	1 27	17 48	4 58	23 54	0 29	22 31	0 11	10 0	1 49	18 20	0 14	20 46	1 29	12 29	16 58	16 20	15 56	24 34	10 22	0 40	
S 10	22 19 26 20	3 7	15 35	1 41	17 46	5 1	23 56	0 30	22 30	0 12	10 1	1 49	18 20	0 14	20 46	1 29	12 28	16 57	16 21	15 57	24 36	10 22	0 40	
M 11	22 12 23 27	1 58	15 14	1 55	17 44	5 3	23 57	0 31	22 28	0 12	10 2	1 49	18 19	0 14	20 46	1 29	12 28	16 57	16 21	15 58	24 37	10 22	0 40	
T 12	22 4 19 10	0 42	14 53	2 9	17 43	5 5	23 59	0 31	22 26	0 12	10 3	1 50	18 19	0 14	20 47	1 29	12 27	16 56	16 22	15 59	24 38	10 23	0 40	
W 13	21 55 13 55	0n34	14 34	2 23	17 43	5 6	24 0	0 32	22 25	0 12	10 4	1 50	18 19	0 14	20 47	1 29	12 26	16 56	16 22	16 0	24 40	10 23	0 39	
T 14	21 47 8 9	1 46	14 16	2 37	17 43	5 8	24 1	0 32	22 23	0 12	10 5	1 50	18 19	0 14	20 47	1 29	12 25	16 55	16 21	16 1	24 41	10 23	0 39	
F 15	21 37 2 12	2 51	14 0	2 51	17 44	5 8	24 2	0 33	22 21	0 12	10 6	1 50	18 18	0 14	20 47	1 29	12 24	16 55	16 21	16 2	24 42	10 24	0 39	
S 16	21 28 3n40	3 45	13 45	3 5	17 45	5 9	24 2	0 34	22 19	0 12	10 7	1 50	18 18	0 14	20 47	1 29	12 24	16 54	16 21	16 3	24 44	10 24	0 39	
S 17	21 18 9 14	4 27	13 32	3 19	17 46	5 9	24 2	0 34	22 17	0 12	10 9	1 51	18 18	0 14	20 48	1 29	12 23	16 54	16 20	16 4	24 45	10 24	0 39	
M 18	21 8 14 21	4 56	13 20	3 32	17 48	5 9	24 3	0 35	22 16	0 12	10 10	1 51	18 18	0 14	20 48	1 29	12 22	16 53	16 20	16 4	24 46	10 24	0 39	
T 19	20 57 18 50	5 12	13 11	3 45	17 51	5 9	24 2	0 35	22 14	0 12	10 11	1 51	18 18	0 14	20 48	1 29	12 21	16 53	16 20	16 5	24 48	10 24	0 39	
W 20	20 46 22 33	5 14	13 3	3 57	17 53	5 8	24 2	0 36	22 12	0 13	10 12	1 51	18 18	0 14	20 48	1 29	12 20	16 52	16 21	16 6	24 49	10 25	0 39	
T 21	20 35 25 19	5 3	12 58	4 8	17 56	5 7	24 2	0 37	22 10	0 13	10 13	1 51	18 17	0 14	20 48	1 29	12 19	16 52	16 21	16 7	24 50	10 25	0 39	
F 22	20 23 26 59	4 39	12 54	4 19	18 0	5 6	24 1	0 37	22 8	0 13	10 15	1 52	18 17	0 14	20 49	1 29	12 18	16 51	16 22	16 8	24 52	10 25	0 39	
S 23	20 11 27																							

SWISS EPHEMERIS for the year 1729

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Day	Sid.t	☉	☽	♀	♂	♃	♄	♅	♆	♇	♁	♂	♁	♃	♄
M 1	20 38 13	8♂34'20	21♂43	5°R57	25♂36	11♂9	22♂36	7°R36	22°D48	12♂25	8♂10	14♂55	15♂14	0♂11	25°R20
T 2	20 42 10	9°31'49	5♂46	5♂15	26°18	11°49	22°49	7♂33	22♂48	12°27	8°11	14°R55	15°10	0°18	25°P20
W 3	20 46 6	10°29'18	19°58	4°35	27° 0	12°28	23° 2	7°29	22°48	12°28	8°13	14°55	15° 7	0°24	25°20
T 4	20 50 3	11°26'48	4♂18	3°59	27°44	13° 7	23°15	7°25	22°48	12°30	8°14	14°55	15° 4	0°31	25°20
F 5	20 53 59	12°24'18	18°42	3°28	28°28	13°47	23°28	7°21	22°48	12°31	8°16	14°54	15° 1	0°38	25°20
S 6	20 57 56	13°21'50	3♂7	3° 2	29°14	14°26	23°41	7°17	22°48	12°32	8°17	14°54	14°58	0°44	25°19
S 7	21 1 53	14°19'22	17°28	2°41	0♂0	15° 5	23°54	7°13	22°49	12°34	8°19	14°54	14°55	0°51	25°19
M 8	21 5 49	15°16'56	1♂40	2°26	0°47	15°44	24° 7	7° 9	22°49	12°35	8°20	14°D54	14°51	0°58	25°18
T 9	21 9 46	16°14'30	15°39	2°18	1°35	16°23	24°20	7° 5	22°49	12°36	8°22	14°R54	14°48	1° 5	25°18
W10	21 13 42	17°12'06	29°21	2°D17	2°24	17° 2	24°33	7° 1	22°50	12°37	8°23	14°54	14°45	1°11	25°17
T 11	21 17 39	18° 9'43	12♂44	2°22	3°13	17°41	24°46	6°57	22°50	12°38	8°25	14°54	14°42	1°18	25°16
F 12	21 21 35	19° 7'21	25°47	2°35	4° 3	18°20	24°58	6°53	22°51	12°39	8°27	14°53	14°39	1°25	25°16
S 13	21 25 32	20° 5'00	8°P31	2°55	4°54	18°59	25°11	6°49	22°52	12°41	8°28	14°53	14°36	1°31	25°15
S 14	21 29 28	21° 2'42	20°58	3°23	5°45	19°38	25°24	6°44	22°52	12°42	8°30	14°52	14°32	1°38	25°14
M15	21 33 25	22° 0'24	3♂10	3°58	6°37	20°17	25°37	6°40	22°53	12°43	8°32	14°52	14°29	1°45	25°13
T 16	21 37 22	22°58'09	15°11	4°40	7°30	20°56	25°49	6°36	22°54	12°44	8°34	14°51	14°26	1°52	25°12
W17	21 41 18	23°55'55	27° 5	5°30	8°24	21°35	26° 2	6°31	22°54	12°45	8°35	14°D51	14°23	1°58	25°11
T 18	21 45 15	24°53'43	8♂58	6°26	9°18	22°13	26°14	6°27	22°55	12°46	8°37	14°51	14°20	2° 5	25°10
F 19	21 49 11	25°51'33	20°54	7°29	10°12	22°52	26°27	6°22	22°56	12°47	8°39	14°52	14°16	2°12	25° 9
S 20	21 53 8	26°49'24	2♂57	8°38	11° 7	23°31	26°39	6°18	22°57	12°47	8°41	14°53	14°13	2°18	25° 8
S 21	21 57 4	27°47'17	15°11	9°54	12° 3	24° 9	26°52	6°13	22°58	12°48	8°43	14°54	14°10	2°25	25° 7
M22	22 1 1	28°45'12	27°39	11°15	12°59	24°48	27° 4	6° 9	22°59	12°49	8°45	14°55	14° 7	2°32	25° 6
T 23	22 4 57	29°43'08	10♂24	12°41	13°55	25°26	27°16	6° 4	23° 0	12°50	8°47	14°R56	14° 4	2°39	25° 4
W24	22 8 54	0♂41'06	23°27	14°13	14°52	26° 5	27°29	6° 0	23° 1	12°51	8°49	14°56	14° 1	2°45	25° 3
T 25	22 12 51	1°39'06	6♂49	15°48	15°50	26°43	27°41	5°55	23° 3	12°51	8°51	14°55	13°57	2°52	25° 2
F 26	22 16 47	2°37'07	20°26	17°28	16°48	27°21	27°53	5°51	23° 4	12°52	8°53	14°53	13°54	2°59	25° 0
S 27	22 20 44	3°35'09	4♂18	19°11	17°46	28° 0	28° 5	5°46	23° 5	12°53	8°55	14°51	13°51	3° 5	24°59
S 28	22 24 40	4°33'13	18°22	20°58	18°45	28°38	28°17	5°42	23° 6	12°54	8°57	14°48	13°48	3°12	24°57
M29	22 28 37	5°31'19	2♂32	22°47	19°44	29°16	28°29	5°37	23° 8	12°54	8°59	14°46	13°45	3°19	24°55
T 30	22 32 33	6°29'26	16°46	24°38	20°44	29°54	28°41	5°32	23° 9	12°55	9° 1	14°44	13°41	3°26	24°54
W31	22 36 30	7♂27'35	1♂1	26♂30	21♂44	0♂32	28♂53	5♂28	23♂11	12♂55	9♂3	14°D43	13♂38	3♂32	24°P52

Day	☉	☽	♀	♂	♃	♄	♅	♆	♇	♁	♂	♁	♃	♄										
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat									
M 1	18n 9	12s58	4s51	14n11	4s46	18n42	4s42	23n43	0n43	21n48	0n14	10s29	1s53	18s17	0n14	20n50	1s30	12n 9	16n46	16s23	16s18	25n 5	10n25	0n39
T 2	17 54	18 22	5 13	14 28	4 39	18 47	4 39	23 40	0 44	21 46	0 14	10 31	1 54	18 17	0 14	20 50	1 30	12 8	16 46	16 23	16 19	25 6	10 25	0 39
W 3	17 38	22 49	5 16	14 45	4 31	18 51	4 36	23 37	0 44	21 44	0 14	10 32	1 54	18 17	0 14	20 51	1 30	12 7	16 45	16 23	16 20	25 7	10 25	0 39
T 4	17 22	25 56	4 59	15 3	4 21	18 55	4 32	23 34	0 45	21 42	0 14	10 34	1 54	18 17	0 14	20 51	1 30	12 6	16 45	16 23	16 20	25 8	10 25	0 39
F 5	17 6	27 22	4 23	15 22	4 10	19 0	4 28	23 31	0 45	21 40	0 14	10 35	1 54	18 17	0 14	20 51	1 30	12 5	16 45	16 23	16 21	25 9	10 25	0 39
S 6	16 50	26 58	3 31	15 40	3 57	19 4	4 25	23 27	0 46	21 38	0 14	10 37	1 54	18 17	0 13	20 51	1 30	12 4	16 44	16 23	16 22	25 11	10 24	0 38
S 7	16 34	24 45	2 26	15 58	3 43	19 8	4 21	23 24	0 47	21 36	0 14	10 39	1 54	18 17	0 13	20 51	1 30	12 3	16 44	16 23	16 23	25 12	10 24	0 38
M 8	16 17	21 0	1 13	16 16	3 28	19 12	4 17	23 20	0 47	21 34	0 14	10 40	1 55	18 17	0 13	20 51	1 30	12 2	16 43	16 23	16 24	25 13	10 24	0 38
T 9	16 0	16 6	0n 4	16 33	3 12	19 15	4 13	23 15	0 48	21 31	0 15	10 42	1 55	18 17	0 13	20 51	1 30	12 1	16 43	16 23	16 25	25 14	10 24	0 38
W10	15 42	10 29	1 19	16 50	2 56	19 19	4 9	23 11	0 48	21 29	0 15	10 43	1 55	18 18	0 13	20 51	1 30	12 0	16 43	16 23	16 26	25 15	10 23	0 38
T 11	15 25	4 30	2 28	17 5	2 39	19 22	4 4	23 7	0 49	21 27	0 15	10 45	1 55	18 18	0 13	20 52	1 30	11 59	16 42	16 23	16 27	25 17	10 23	0 38
F 12	15 7	1n30	3 28	17 18	2 22	19 25	4 0	23 2	0 49	21 25	0 15	10 47	1 55	18 18	0 13	20 52	1 30	11 58	16 42	16 24	16 28	25 18	10 23	0 38
S 13	14 49	7 17	4 15	17 31	2 5	19 28	3 55	22 57	0 50	21 23	0 15	10 49	1 55	18 18	0 13	20 52	1 30	11 57	16 41	16 24	16 29	25 19	10 22	0 38
S 14	14 30	12 40	4 50	17 41	1 47	19 30	3 51	22 52	0 51	21 20	0 15	10 50	1 55	18 18	0 13	20 52	1 30	11 56	16 41	16 24	16 30	25 20	10 22	0 38
M15	14 12	17 26	5 10	17 50	1 30	19 32	3 46	22 47	0 51	21 18	0 15	10 52	1 56	18 18	0 13	20 52	1 30	11 55	16 41	16 24	16 31	25 21	10 22	0 38
T 16	13 53	21 27	5 17	17 56	1 13	19 34	3 42	22 42	0 52	21 16	0 15	10 54	1 56	18 19	0 13	20 52	1 30	11 54	16 40	16 24	16 32	25 22	10 21	0 38
W17	13 34	24 33	5 9	18 1	0 57	19 36	3 37	22 36	0 52	21 14	0 15	10 55	1 56	18 19	0 13	20 52	1 30	11 53	16 40	16 24	16 33	25 23	10 21	0 38
T 18	13 15	26 35	4 49	18 2	0 40	19 37	3 32	22 31	0 53	21 11	0 16	10 57	1 56	18 19	0 13	20 52	1 30	11 52	16 39	16 24	16 33	25 25	10 21	0 38
F 19	12 55	27 25	4 16	18 2	0 25	19 38	3 28	22 25	0 53	21 9	0 16	10 59	1 56	18 19	0 13	20 52	1 30	11 51	16 39	16 24	16 34	25 26	10 20	0 38
S 20	12 35	26 58	3 32	17 58	0 10	19 39	3 23	22 19	0 54	21 7	0 16	11 1	1 56	18 20	0 13	20 52	1 30	11 50	16 39	16 24	16 35	25 27	10 20	0 38
S 21	12 16	25 13	2 37	17 52	0n 4	19 39	3 18	22 13	0 55	21 5	0 16	11 2	1 56	18 20	0 13	20 52	1 30	11 49	16 38	16 23	16 36	25 28	10 19	0 38
M22	11 56	22 12	1 34	17 43	0 18	19 39	3 13	22 6	0 55	21 2	0 16	11 4	1 56	18 20	0 13	20 52	1 31	11 48	16 38	16 23	16 37	25 29	10 19	0 38
T 23	11 35	18 4	0 25	17 31	0 30	19 38	3 8	22 0	0 56	21 0	0 16	11 6	1 56	18 20	0 13	20 53	1 31	11 47	16 38	16 23	16 38	25 30	10 18	0 38
W24	11 15	12 59	0s47	17 16	0 42	19 37	3 3	21 53	0 56	20 58	0 16	11 8	1 56	18 21	0 13	20 53	1 31	11 46	16 37	16 23	16 39	25 31	10 18	0 38
T 25	10 54	7 12	1 58	16 58	0 53	19 35	2 58	21 47	0 57	20 56	0 16	11 9	1 57	18 21	0 13	20 53	1 31	11 45	16 37	16 23	16 40	25 32	10 17	0 38
F 26	10 33	0 59	3 3	16 37	1 3	19 34	2 53	21 40	0 57	20 53	0 17	11 11	1 57	18 21	0 13	20 53	1 31	11 44	16 37	16 24	16 41	25 33	10 16	0 37
S 27	10 12	5s22	3 59	16 13	1 11	19 31	2 48	21 33	0 58	20 51	0 17	11 13	1 57	18 22	0 13	20 53	1 31	11 43	16 37	16 24	16 42	25 34	10 16	0 37
S 28	9 51	11 33	4 42	15 47	1 19	19 29	2 43	21 25	0 59	20 49	0 17	11 15	1 57	18 22</										

SWISS EPHEMERIS for the year 1729

SEPTEMBER 1729

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Day	Sid.t	☉	☽	♀	♁	♂	♃	♄	♅	♆	♇	♈	♉	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓
T 1	22 40 26	8 ^m 25'45	15 ^m 14	28 ^m 24	22 ^m 544	1 ^m 10	29 ^m 4	5°R23	23 ^m 12	12 ^m 56	9 ^m 5	14 ^m 43	13 ^m 35	3 ^m 39	24°R50								
F 2	22 44 23	9°23'56	29°22	0 ^m 19	23°45	1°48	29°16	5 ^m 19	23°14	12°56	9°7	14°44	13°32	3°46	24°V49								
S 3	22 48 20	10°22'09	13 ^m 24	2°14	24°46	2°26	29°28	5°14	23°16	12°57	9°9	14°45	13°29	3°52	24°47								
S 4	22 52 16	11°20'23	27°18	4°10	25°47	3°4	29°39	5°10	23°17	12°57	9°11	14°46	13°26	3°59	24°45								
M 5	22 56 13	12°18'39	11 ^m 3	6°5	26°49	3°42	29°51	5°5	23°19	12°57	9°13	14°R47	13°22	4°6	24°43								
T 6	23 0 9	13°16'56	24°36	8°1	27°51	4°20	0 ^m 2	5°1	23°21	12°58	9°15	14°47	13°19	4°13	24°41								
W 7	23 4 6	14°15'16	7 ^m 57	9°56	28°54	4°57	0°14	4°56	23°23	12°58	9°18	14°45	13°16	4°19	24°39								
T 8	23 8 2	15°13'37	21°4	11°51	29°56	5°35	0°25	4°52	23°24	12°58	9°20	14°42	13°13	4°26	24°37								
F 9	23 11 59	16°11'59	3 ^m 56	13°45	0 ^m 59	6°13	0°36	4°47	23°26	12°59	9°22	14°37	13°10	4°33	24°35								
S 10	23 15 55	17°10'24	16°33	15°38	2°3	6°50	0°47	4°43	23°28	12°59	9°24	14°32	13°7	4°39	24°33								
S 11	23 19 52	18°8'51	28°55	17°30	3°6	7°28	0°58	4°38	23°30	12°59	9°26	14°26	13°3	4°46	24°31								
M12	23 23 48	19°7'20	11 ^m 5	19°22	4°10	8°5	1°9	4°34	23°32	12°59	9°29	14°21	13°0	4°53	24°28								
T 13	23 27 45	20°5'51	23°6	21°12	5°15	8°43	1°20	4°30	23°34	12°59	9°31	14°16	12°57	5°0	24°26								
W14	23 31 42	21°4'24	4 ^m 59	23°2	6°19	9°20	1°31	4°25	23°37	12°59	9°33	14°13	12°54	5°6	24°24								
T 15	23 35 38	22°2'59	16°51	24°51	7°24	9°57	1°41	4°21	23°39	12°59	9°35	14°D12	12°51	5°13	24°22								
F 16	23 39 35	23°1'37	28°46	26°39	8°29	10°35	1°52	4°17	23°41	12°R59	9°38	14°12	12°47	5°20	24°19								
S 17	23 43 31	24°0'17	10 ^m 48	28°25	9°34	11°12	2°2	4°13	23°43	12°59	9°40	14°13	12°44	5°26	24°17								
S 18	23 47 28	24°58'59	23°2	0 ^m 11	10°40	11°49	2°13	4°9	23°46	12°59	9°42	14°15	12°41	5°33	24°15								
M19	23 51 24	25°57'43	5 ^m 34	1°56	11°45	12°26	2°23	4°5	23°48	12°59	9°45	14°16	12°38	5°40	24°12								
T 20	23 55 21	26°56'30	18°26	3°39	12°51	13°4	2°33	4°1	23°50	12°59	9°47	14°R16	12°35	5°47	24°10								
W21	23 59 17	27°55'18	1 ^m 41	5°22	13°58	13°41	2°44	3°57	23°53	12°59	9°49	14°15	12°32	5°53	24°7								
T 22	0 3 14	28°54'09	15°21	7°4	15°4	14°18	2°54	3°53	23°55	12°59	9°51	14°11	12°28	6°0	24°5								
F 23	0 7 11	29°53'02	29°22	8°45	16°11	14°55	3°4	3°49	23°58	12°59	9°54	14°6	12°25	6°7	24°2								
S 24	0 11 7	0 ^m 51'57	13 ^m 42	10°25	17°17	15°31	3°13	3°45	24°0	12°58	9°56	13°59	12°22	6°13	23°59								
S 25	0 15 4	1°50'53	28°13	12°4	18°24	16°8	3°23	3°41	24°3	12°58	9°58	13°51	12°19	6°20	23°57								
M26	0 19 0	2°49'52	12 ^m 51	13°42	19°32	16°45	3°33	3°37	24°5	12°58	10°1	13°44	12°16	6°27	23°54								
T 27	0 22 57	3°48'53	27°26	15°19	20°39	17°22	3°42	3°34	24°8	12°57	10°3	13°38	12°13	6°34	23°52								
W28	0 26 53	4°47'55	11 ^m 55	16°56	21°47	17°58	3°52	3°30	24°11	12°57	10°6	13°33	12°9	6°40	23°49								
T 29	0 30 50	5°46'59	26°12	18°31	22°55	18°35	4°1	3°27	24°14	12°57	10°8	13°31	12°6	6°47	23°46								
F 30	0 34 46	6°46'05	10 ^m 35	20°2	24°3	19°12	4°10	3°23	24°16	12°56	10°10	13°D31	12°3	6°54	23°V43								

Day	☉	☽	♀	♁	♂	♃	♄	♅	♆	♇	♈	♉	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
T 1	8n25	27s 9	4s31	13n37	1n41	19n13	2s22	20n55	1n 1	20n39	0n17	11s22	1s57	18s24	0n13	20n53	1s31	11n38	16n35	16s27	16s46	25n40	10n13	0n37
F 2	8 3	27 12	3 44	13 0	1 44	19 8	2 17	20 47	1 1	20 37	0 17	11 23	1 57	18 24	0 13	20 53	1 31	11 37	16 35	16 26	16 47	25 41	10 12	0 37
S 3	7 41	25 31	2 44	12 20	1 46	19 3	2 12	20 39	1 2	20 35	0 17	11 25	1 57	18 25	0 13	20 53	1 31	11 36	16 35	16 26	16 48	25 42	10 11	0 37
S 4	7 19	22 17	1 34	11 40	1 47	18 57	2 7	20 31	1 2	20 32	0 18	11 27	1 57	18 25	0 13	20 53	1 31	11 35	16 34	16 26	16 49	25 43	10 10	0 37
M 5	6 57	17 49	0 21	10 58	1 48	18 50	2 2	20 23	1 3	20 30	0 18	11 29	1 57	18 25	0 13	20 53	1 31	11 34	16 34	16 25	16 50	25 44	10 10	0 37
T 6	6 35	12 30	0n54	10 14	1 48	18 43	1 57	20 14	1 4	20 28	0 18	11 30	1 57	18 26	0 13	20 53	1 31	11 33	16 34	16 26	16 51	25 45	10 9	0 37
W 7	6 12	6 42	2 3	9 30	1 47	18 36	1 51	20 6	1 4	20 26	0 18	11 32	1 57	18 26	0 13	20 53	1 31	11 32	16 34	16 26	16 52	25 46	10 8	0 37
T 8	5 50	0 43	3 5	8 45	1 46	18 28	1 46	19 57	1 5	20 23	0 18	11 34	1 57	18 27	0 13	20 53	1 31	11 31	16 34	16 27	16 53	25 46	10 7	0 37
F 9	5 27	5n11	3 56	8 0	1 44	18 19	1 41	19 48	1 5	20 21	0 18	11 35	1 57	18 27	0 13	20 53	1 31	11 30	16 33	16 28	16 54	25 47	10 6	0 37
S 10	5 4	10 44	4 35	7 14	1 41	18 10	1 36	19 39	1 6	20 19	0 18	11 37	1 57	18 28	0 13	20 53	1 31	11 29	16 33	16 30	16 54	25 48	10 6	0 37
S 11	4 42	15 46	5 0	6 27	1 38	18 1	1 31	19 30	1 6	20 16	0 19	11 39	1 57	18 28	0 13	20 53	1 31	11 28	16 33	16 32	16 55	25 49	10 5	0 37
M12	4 19	20 5	5 10	5 40	1 35	17 51	1 26	19 21	1 7	20 14	0 19	11 40	1 57	18 29	0 13	20 53	1 31	11 27	16 33	16 33	16 56	25 50	10 4	0 37
T 13	3 56	23 31	5 7	4 53	1 31	17 41	1 21	19 12	1 8	20 12	0 19	11 42	1 57	18 29	0 13	20 53	1 31	11 26	16 33	16 34	16 57	25 51	10 3	0 36
W14	3 33	25 56	4 51	4 5	1 26	17 30	1 16	19 2	1 8	20 10	0 19	11 43	1 57	18 30	0 13	20 53	1 32	11 24	16 33	16 35	16 58	25 52	10 2	0 36
T 15	3 10	27 10	4 22	3 18	1 22	17 18	1 11	18 53	1 9	20 7	0 19	11 45	1 57	18 31	0 13	20 53	1 32	11 23	16 32	16 36	16 59	25 53	10 1	0 36
F 16	2 46	27 10	3 42	2 31	1 17	17 6	1 6	18 43	1 9	20 5	0 19	11 46	1 57	18 31	0 13	20 53	1 32	11 22	16 32	16 36	17 0	25 54	10 0	0 36
S 17	2 23	25 53	2 52	1 43	1 12	16 54	1 1	18 34	1 10	20 3	0 19	11 48	1 57	18 32	0 13	20 53	1 32	11 22	16 32	16 35	17 1	25 55	9 59	0 36
S 18	2 0	23 21	1 53	0 56	1 6	16 41	0 56	18 24	1 10	20 1	0 20	11 49	1 57	18 32	0 13	20 53	1 32	11 21	16 32	16 35	17 2	25 56	9 58	0 36
M19	1 36	19 40	0 47	0 9	1 0	16 28	0 51	18 14	1 11	19 59	0 20	11 51	1 57	18 33	0 13	20 52	1 32	11 20	16 32	16 35	17 3	25 57	9 57	0 36
T 20	1 13	14 58	0s23	0s38	0 54	16 14	0 47	18 4	1 11	19 56	0 20	11 52	1 57	18 33	0 13	20 52	1 32	11 19	16 32	16 34	17 3	25 57	9 56	0 36
W21	0 50	9 27	1 33	1 24	0 48	16 0	0 42	17 54	1 12	19 54	0 20	11 54	1 57	18 34	0 13	20 52	1 32	11 18	16 32	16 35	17 4	25 58	9 56	0 36
T 22	0 26	3 20	2 40	2 10	0 42	15 45	0 37	17 43	1 13	19 52	0 20	11 55	1 57	18 35	0 13	20 52	1 32	11 17	16 32	16 36	17 5	25 59	9 55	0 36
F 23	0 3	3s 6	3 39	2 56	0 35	15 30	0 33	17 33	1 13	19 50	0 20	11 57	1 57	18 35	0 13	20 52	1 32	11 16	16 32	16 37	17 6	26 0	9 53	0 36
S 24	0s21	9 29	4 25	3 41	0 29	15 14	0 28	17 23	1 14	19 48	0 20	11 58	1 57	18 36	0 13	20 52	1 32	11 15	16 32	16 39	17 7	26 1	9 52	0 36
S 25	0 44	15 27	4 56	4 26	0 22	14 58	0 23	17 12	1 14	19 46	0 21	11 59	1 57	18 37	0 12	20 52	1 32	11 14	16 31	16 42	17 8	26 2	9 51	0 36
M26	1 8	20 35	5 7	5 11	0 15	14 41	0 19	17 2	1 15	19 44	0 21	12 1	1 57	18 37	0 12	20 52	1 32	11 13	16 31	16 44	17 9	26 3	9 50	0 36
T 27	1 31	24 27	4 58	5 55	0 8	14 24	0 15	16 51	1 15	19 42	0 21	12 2	1 57	18 38	0 12	20 52	1 32	11 12	16 31	16 46	17 10	26 3	9 49	0 36
W28	1 55	26 43	4 30	6 39	0 1	14 6	0 10	16 40	1 16	19 39	0 21	12 3	1 57	18 39	0 12	20 52	1 32	11 11	1					

SWISS EPHEMERIS for the year 1729

OCTOBER 1729

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Day	Sid.t	☉	☽	♃	♄	♅	♆	♇	♈	♉	♊	♋	♌	♍	♎	♏	♐	♑	♒
S 1	0 38 43	7 ^h 45'13"	24 ^h 34'	21 ^h 40'	25 ^h 01'	19 ^h 04'	4 ^h 09'	3 ^h R20	24 ^h M19	12 ^h R56	10 ^h 13'	13 ^h 32'	12 ^h 00'	7 ^h II 0	23 ^h R41				
S 2	0 42 40	8 ^h 44'22"	7 ^h 39'	23 ^h 13'	26 ^h 19'	20 ^h 25'	4 ^h 28'	3 ^h 17'	24 ^h 22'	12 ^h II55	10 ^h 15'	13 ^h R32	11 ^h 57'	7 ^h 7	23 ^h Y38				
M 3	0 46 36	9 ^h 43'33"	21 ^h 0'	24 ^h 46'	27 ^h 28'	21 ^h 1'	4 ^h 37'	3 ^h 13'	24 ^h 25'	12 ^h 55'	10 ^h 17'	13 ^h 32'	11 ^h 53'	7 ^h 14	23 ^h 35				
T 4	0 50 33	10 ^h 42'46"	4 ^h 10'	26 ^h 17'	28 ^h 36'	21 ^h 37'	4 ^h 46'	3 ^h 10'	24 ^h 28'	12 ^h 54'	10 ^h 20'	13 ^h 30'	11 ^h 50'	7 ^h 21	23 ^h 32				
W 5	0 54 29	11 ^h 42'01"	17 ^h 8'	27 ^h 48'	29 ^h 45'	22 ^h 14'	4 ^h 54'	3 ^h 7'	24 ^h 31'	12 ^h 53'	10 ^h 22'	13 ^h 26'	11 ^h 47'	7 ^h 27	23 ^h 29				
T 6	0 58 26	12 ^h 41'17"	29 ^h 55'	29 ^h 18'	0 ^h 54'	22 ^h 50'	5 ^h 3'	3 ^h 4'	24 ^h 34'	12 ^h 53'	10 ^h 24'	13 ^h 19'	11 ^h 44'	7 ^h 34	23 ^h 27				
F 7	1 2 22	13 ^h 40'36"	12 ^h Y31	0 ^h M47	2 ^h 4'	23 ^h 26'	5 ^h 11'	3 ^h 1'	24 ^h 37'	12 ^h 52'	10 ^h 27'	13 ^h 9'	11 ^h 41'	7 ^h 41	23 ^h 24				
S 8	1 6 19	14 ^h 39'57"	24 ^h 56'	2 ^h 16'	3 ^h 13'	24 ^h 2'	5 ^h 19'	2 ^h 58'	24 ^h 40'	12 ^h 51'	10 ^h 29'	12 ^h 58'	11 ^h 38'	7 ^h 47	23 ^h 21				
S 9	1 10 15	15 ^h 39'20"	7 ^h 11'	3 ^h 43'	4 ^h 22'	24 ^h 38'	5 ^h 27'	2 ^h 56'	24 ^h 43'	12 ^h 51'	10 ^h 31'	12 ^h 46'	11 ^h 34'	7 ^h 54	23 ^h 18				
M10	1 14 12	16 ^h 38'45"	19 ^h 16'	5 ^h 10'	5 ^h 32'	25 ^h 14'	5 ^h 35'	2 ^h 53'	24 ^h 46'	12 ^h 50'	10 ^h 34'	12 ^h 35'	11 ^h 31'	8 ^h 1	23 ^h 15				
T 11	1 18 9	17 ^h 38'12"	1 ^h II13	6 ^h 36'	6 ^h 42'	25 ^h 50'	5 ^h 43'	2 ^h 50'	24 ^h 49'	12 ^h 49'	10 ^h 36'	12 ^h 24'	11 ^h 28'	8 ^h 8	23 ^h 12				
W12	1 22 5	18 ^h 37'41"	13 ^h 5'	8 ^h 2'	7 ^h 52'	26 ^h 26'	5 ^h 51'	2 ^h 48'	24 ^h 52'	12 ^h 48'	10 ^h 38'	12 ^h 16'	11 ^h 25'	8 ^h 14	23 ^h 9				
T 13	1 26 2	19 ^h 37'13"	24 ^h 55'	9 ^h 26'	9 ^h 2'	27 ^h 2'	5 ^h 58'	2 ^h 46'	24 ^h 55'	12 ^h 47'	10 ^h 41'	12 ^h 11'	11 ^h 22'	8 ^h 21	23 ^h 6				
F 14	1 29 58	20 ^h 36'47"	6 ^h 346	10 ^h 49'	10 ^h 12'	27 ^h 37'	6 ^h 6'	2 ^h 43'	24 ^h 59'	12 ^h 47'	10 ^h 43'	12 ^h 8'	11 ^h 19'	8 ^h 28	23 ^h 4				
S 15	1 33 55	21 ^h 36'24"	18 ^h 45'	12 ^h 12'	11 ^h 23'	28 ^h 13'	6 ^h 13'	2 ^h 41'	25 ^h 2'	12 ^h 46'	10 ^h 45'	12 ^h D 7	11 ^h 15'	8 ^h 34	23 ^h 1				
S 16	1 37 51	22 ^h 36'02"	0 ^h Q57	13 ^h 34'	12 ^h 33'	28 ^h 49'	6 ^h 20'	2 ^h 39'	25 ^h 5'	12 ^h 45'	10 ^h 48'	12 ^h 7'	11 ^h 12'	8 ^h 41	22 ^h 58				
M17	1 41 48	23 ^h 35'43"	13 ^h 25'	14 ^h 54'	13 ^h 44'	29 ^h 24'	6 ^h 27'	2 ^h 37'	25 ^h 8'	12 ^h 44'	10 ^h 50'	12 ^h R 7	11 ^h 9'	8 ^h 48	22 ^h 55				
T 18	1 45 44	24 ^h 35'26"	26 ^h 17'	16 ^h 14'	14 ^h 55'	29 ^h 59'	6 ^h 34'	2 ^h 35'	25 ^h 12'	12 ^h 43'	10 ^h 52'	12 ^h 6'	11 ^h 6'	8 ^h 54	22 ^h 52				
W19	1 49 41	25 ^h 35'11"	9 ^h III34	17 ^h 32'	16 ^h 6'	0 ^h III35	6 ^h 41'	2 ^h 33'	25 ^h 15'	12 ^h 42'	10 ^h 55'	12 ^h 4'	11 ^h 3'	9 ^h 1	22 ^h 49				
T 20	1 53 38	26 ^h 34'59"	23 ^h 21'	18 ^h 49'	17 ^h 17'	1 ^h 11'	6 ^h 47'	2 ^h 31'	25 ^h 18'	12 ^h 41'	10 ^h 57'	11 ^h 58'	10 ^h 59'	9 ^h 8	22 ^h 46				
F 21	1 57 34	27 ^h 34'49"	7 ^h 135	20 ^h 5'	18 ^h 28'	1 ^h 46'	6 ^h 54'	2 ^h 30'	25 ^h 22'	12 ^h 40'	10 ^h 59'	11 ^h 50'	10 ^h 56'	9 ^h 15	22 ^h 43				
S 22	2 1 31	28 ^h 34'40"	22 ^h 13'	21 ^h 19'	19 ^h 39'	2 ^h 21'	7 ^h 0'	2 ^h 28'	25 ^h 25'	12 ^h 39'	11 ^h 2'	11 ^h 40'	10 ^h 53'	9 ^h 21	22 ^h 40				
S 23	2 5 27	29 ^h 34'34"	7 ^h II 8	22 ^h 32'	20 ^h 51'	2 ^h 56'	7 ^h 6'	2 ^h 27'	25 ^h 28'	12 ^h 37'	11 ^h 4'	11 ^h 28'	10 ^h 50'	9 ^h 28	22 ^h 37				
M24	2 9 24	0 ^h III34'30	22 ^h 11'	23 ^h 43'	22 ^h 2'	3 ^h 31'	7 ^h 12'	2 ^h 25'	25 ^h 32'	12 ^h 36'	11 ^h 6'	11 ^h 17'	10 ^h 47'	9 ^h 35	22 ^h 35				
T 25	2 13 20	1 ^h 34'28"	7 ^h 12	24 ^h 52'	23 ^h 14'	4 ^h 6'	7 ^h 18'	2 ^h 24'	25 ^h 35'	12 ^h 35'	11 ^h 8'	11 ^h 8'	10 ^h 44'	9 ^h 41	22 ^h 32				
W26	2 17 17	2 ^h 34'27"	22 ^h 1'	25 ^h 59'	24 ^h 25'	4 ^h 41'	7 ^h 23'	2 ^h 23'	25 ^h 39'	12 ^h 34'	11 ^h 11'	11 ^h 0'	10 ^h 40'	9 ^h 48	22 ^h 29				
T 27	2 21 13	3 ^h 34'28"	6 ^h 333	27 ^h 4'	25 ^h 37'	5 ^h 16'	7 ^h 29'	2 ^h 22'	25 ^h 42'	12 ^h 33'	11 ^h 13'	10 ^h 56'	10 ^h 37'	9 ^h 55	22 ^h 26				
F 28	2 25 10	4 ^h 34'31"	20 ^h 44'	28 ^h 6'	26 ^h 49'	5 ^h 51'	7 ^h 34'	2 ^h 21'	25 ^h 46'	12 ^h 31'	11 ^h 15'	10 ^h 54'	10 ^h 34'	10 ^h 2	22 ^h 23				
S 29	2 29 7	5 ^h 34'35"	4 ^h 333	29 ^h 5'	28 ^h 1'	6 ^h 26'	7 ^h 39'	2 ^h 20'	25 ^h 49'	12 ^h 30'	11 ^h 17'	10 ^h 53'	10 ^h 31'	10 ^h 8	22 ^h 20				
S 30	2 33 3	6 ^h 34'41"	18 ^h 1'	0 ^h 1	29 ^h 13'	7 ^h 0'	7 ^h 44'	2 ^h 19'	25 ^h 53'	12 ^h 29'	11 ^h 20'	10 ^h 53'	10 ^h 28'	10 ^h 15	22 ^h 18				
MB1	2 37 0	7 ^h III34'48	1 ^h 10	0 ^h 153	0 ^h 26	7 ^h III35	7 ^h Q49	2 ^h 18	25 ^h III56	12 ^h II28	11 ^h 122	10 ^h 522	10 ^h 242	10 ^h II22	22 ^h Y15				

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	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat			
S 1	3s 5	23s 1	1s43	8s46	0s20	13n11	0n 3	16n 7	1n18	19n33	0n21	12s 7	1s57	18s41	0n12	20n51	1s32	11n 8	16n31	16s47	17s13	26n 7	9n45	0n35													
S 2	3 28	18 54	0 32	9 27	0 27	12 52	0 7	15 56	1 18	19 31	0 22	12 8	1 57	18 42	0 12	20 51	1 32	11 7	16 31	16 47	17 14	26 7	9 44	0 35													
M 3	3 52	13 53	0n40	10 8	0 34	12 33	0 11	15 45	1 19	19 29	0 22	12 9	1 57	18 42	0 12	20 51	1 32	11 6	16 31	16 47	17 15	26 8	9 43	0 35													
T 4	4 15	8 19	1 48	10 48	0 41	12 13	0 15	15 34	1 19	19 27	0 22	12 10	1 57	18 43	0 12	20 51	1 32	11 5	16 31	16 48	17 16	26 9	9 42	0 35													
W 5	4 38	2 29	2 49	11 28	0 49	11 52	0 19	15 23	1 20	19 26	0 22	12 11	1 57	18 44	0 12	20 51	1 32	11 5	16 31	16 49	17 17	26 10	9 41	0 35													
T 6	5 1	3n21	3 41	12 6	0 56	11 31	0 23	15 11	1 20	19 24	0 22	12 12	1 56	18 44	0 12	20 51	1 33	11 4	16 31	16 51	17 18	26 10	9 40	0 35													
F 7	5 24	8 58	4 21	12 45	1 3	11 10	0 27	15 0	1 21	19 22	0 22	12 13	1 56	18 45	0 12	20 51	1 33	11 3	16 31	16 54	17 19	26 11	9 38	0 35													
S 8	5 47	14 8	4 48	13 22	1 9	10 49	0 30	14 49	1 21	19 20	0 23	12 14	1 56	18 46	0 12	20 51	1 33	11 2	16 31	16 57	17 19	26 12	9 37	0 35													
S 9	6 10	18 40	5 1	13 58	1 16	1																															

SWISS EPHEMERIS for the year 1729

NOVEMBER 1729

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Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁
T 1	2 40 56	8♁34'57	14♁ 3	1♁741	1♁38	8♁ 9	7♁53	2°R18	26♁ 0	12°R26	11♁24	10°R49	10♁21	10♁28	22°R12
W 2	2 44 53	9°35'07	26°44	2°25	2°50	8°44	7°58	2♁17	26° 4	12♁25	11°26	10♁43	10°18	10°35	22°R 9
T 3	2 48 49	10°35'19	9°Y13	3° 4	4° 3	9°18	8° 2	2°17	26° 7	12°24	11°28	10°34	10°15	10°42	22° 7
F 4	2 52 46	11°35'32	21°34	3°37	5°15	9°52	8° 6	2°17	26°11	12°22	11°30	10°22	10°12	10°48	22° 4
S 5	2 56 42	12°35'48	3♁46	4° 4	6°28	10°26	8°10	2°17	26°14	12°21	11°32	10° 8	10° 9	10°55	22° 1
S 6	3 0 39	13°36'05	15°51	4°24	7°41	11° 0	8°14	2°D17	26°18	12°19	11°34	9°54	10° 5	11° 2	21°59
M 7	3 4 36	14°36'24	27°49	4°36	8°53	11°34	8°17	2°17	26°22	12°18	11°36	9°39	10° 2	11° 9	21°56
T 8	3 8 32	15°36'44	9♁43	4°R40	10° 6	12° 8	8°21	2°17	26°25	12°16	11°39	9°26	9°59	11°15	21°53
W 9	3 12 29	16°37'07	21°33	4°35	11°19	12°42	8°24	2°17	26°29	12°15	11°41	9°16	9°56	11°22	21°51
T 10	3 16 25	17°37'31	3♁22	4°21	12°32	13°16	8°27	2°18	26°33	12°13	11°43	9° 8	9°53	11°29	21°48
F 11	3 20 22	18°37'57	15°13	3°56	13°45	13°49	8°30	2°18	26°36	12°12	11°45	9° 3	9°50	11°35	21°46
S 12	3 24 18	19°38'25	27°11	3°21	14°59	14°23	8°32	2°19	26°40	12°10	11°47	9° 1	9°46	11°42	21°43
S 13	3 28 15	20°38'54	9♁19	2°36	16°12	14°56	8°35	2°19	26°44	12° 9	11°49	9°D 1	9°43	11°49	21°41
M14	3 32 11	21°39'26	21°43	1°41	17°25	15°30	8°37	2°20	26°47	12° 7	11°50	9°R 1	9°40	11°55	21°38
T 15	3 36 8	22°39'59	4♁29	0°37	18°39	16° 3	8°39	2°21	26°51	12° 6	11°52	9° 0	9°37	12° 2	21°36
W16	3 40 5	23°40'34	17°41	29♁25	19°52	16°36	8°41	2°22	26°55	12° 4	11°54	8°58	9°34	12° 9	21°33
T 17	3 44 1	24°41'11	1♁22	28° 8	21° 6	17° 9	8°43	2°23	26°59	12° 2	11°56	8°54	9°30	12°16	21°31
F 18	3 47 58	25°41'50	15°33	26°47	22°19	17°42	8°44	2°25	27° 2	12° 1	11°58	8°46	9°27	12°22	21°29
S 19	3 51 54	26°42'30	0♁14	25°25	23°33	18°15	8°46	2°26	27° 6	11°59	12° 0	8°37	9°24	12°29	21°27
S 20	3 55 51	27°43'12	15°16	24° 5	24°47	18°48	8°47	2°27	27°10	11°58	12° 2	8°26	9°21	12°36	21°24
M21	3 59 47	28°43'55	0♁32	22°50	26° 1	19°20	8°48	2°29	27°13	11°56	12° 3	8°15	9°18	12°42	21°22
T 22	4 3 44	29°44'40	15°50	21°42	27°14	19°53	8°48	2°31	27°17	11°54	12° 5	8° 6	9°15	12°49	21°20
W23	4 7 40	0♁45'26	0♁59	20°42	28°28	20°25	8°49	2°32	27°21	11°53	12° 7	7°59	9°11	12°56	21°18
T 24	4 11 37	1°46'13	15°49	19°53	29°42	20°58	8°49	2°34	27°25	11°51	12° 9	7°54	9° 8	13° 2	21°16
F 25	4 15 34	2°47'02	0♁16	19°15	0♁56	21°30	8°R49	2°36	27°28	11°49	12°10	7°52	9° 5	13° 9	21°14
S 26	4 19 30	3°47'51	14°15	18°48	2°10	22° 2	8°49	2°38	27°32	11°48	12°12	7°D52	9° 2	13°16	21°12
S 27	4 23 27	4°48'41	27°48	18°33	3°24	22°34	8°49	2°40	27°36	11°46	12°14	7°53	8°59	13°23	21°10
M28	4 27 23	5°49'32	10♁58	18°D30	4°38	23° 6	8°48	2°43	27°39	11°44	12°15	7°R53	8°56	13°29	21° 8
T 29	4 31 20	6°50'23	23°46	18°36	5°52	23°37	8°48	2°45	27°43	11°43	12°17	7°51	8°52	13°36	21° 6
W30	4 35 16	7°51'16	6°Y18	18♁53	7♁ 7	24♁ 9	8°47	2°47	27♁47	11♁41	12♁18	7♁47	8♁49	13♁43	21°Y 5

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	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat									
T 1	14s23	3s44	2n45	23s19	2s51	0n49	1n36	10n 0	1n35	18n45	0n27	12s26	1s54	19s 5	0n12	20n47	1s33	10n45	16n35	17s33	17s40	26n27	9n10	0n33
W 2	14 42	2n 1	3 37	23 26	2 49	0 21	1 37	9 47	1 36	18 44	0 27	12 26	1 54	19 6	0 12	20 46	1 33	10 44	16 36	17 34	17 41	26 28	9 9	0 32
T 3	15 1	7 35	4 16	23 32	2 47	0s 6	1 39	9 35	1 36	18 43	0 27	12 26	1 53	19 7	0 12	20 46	1 33	10 44	16 36	17 37	17 42	26 29	9 7	0 32
F 4	15 20	12 48	4 44	23 35	2 43	0 33	1 40	9 22	1 37	18 43	0 27	12 26	1 53	19 8	0 12	20 46	1 33	10 43	16 36	17 40	17 43	26 29	9 6	0 32
S 5	15 39	17 27	4 57	23 35	2 38	1 1	1 42	9 10	1 37	18 42	0 28	12 26	1 53	19 9	0 12	20 46	1 33	10 42	16 36	17 44	17 44	26 30	9 5	0 32
S 6	15 57	21 21	4 58	23 33	2 32	1 29	1 43	8 58	1 38	18 41	0 28	12 26	1 53	19 10	0 12	20 46	1 33	10 42	16 37	17 48	17 45	26 30	9 4	0 32
M 7	16 15	24 19	4 45	23 28	2 25	1 56	1 44	8 45	1 38	18 40	0 28	12 26	1 53	19 11	0 12	20 45	1 33	10 41	16 37	17 52	17 45	26 31	9 3	0 32
T 8	16 32	26 13	4 19	23 21	2 17	2 24	1 45	8 33	1 39	18 40	0 28	12 26	1 53	19 11	0 12	20 45	1 34	10 41	16 37	17 55	17 46	26 31	9 2	0 32
W 9	16 50	26 55	3 43	23 10	2 7	2 52	1 46	8 20	1 40	18 39	0 28	12 26	1 53	19 12	0 12	20 45	1 34	10 40	16 38	17 58	17 47	26 32	9 1	0 32
T 10	17 7	26 22	2 56	22 56	1 55	3 19	1 47	8 8	1 40	18 38	0 29	12 25	1 52	19 13	0 12	20 45	1 34	10 40	16 38	18 0	17 48	26 32	9 0	0 32
F 11	17 24	24 38	2 2	22 38	1 42	3 47	1 48	7 55	1 41	18 38	0 29	12 25	1 52	19 14	0 12	20 45	1 34	10 40	16 38	18 1	17 49	26 33	8 59	0 32
S 12	17 40	21 46	1 2	22 17	1 27	4 15	1 48	7 43	1 41	18 37	0 29	12 25	1 52	19 15	0 12	20 44	1 34	10 39	16 39	18 2	17 50	26 33	8 58	0 32
S 13	17 56	17 56	0s 2	21 52	1 10	4 42	1 49	7 30	1 42	18 37	0 29	12 24	1 52	19 16	0 12	20 44	1 34	10 39	16 39	18 2	17 51	26 34	8 57	0 31
M14	18 12	13 14	1 7	21 23	0 53	5 10	1 50	7 18	1 43	18 36	0 29	12 24	1 52	19 17	0 12	20 44	1 34	10 38	16 39	18 2	17 51	26 34	8 56	0 31
T 15	18 28	7 51	2 11	20 51	0 33	5 37	1 50	7 6	1 43	18 36	0 30	12 23	1 52	19 18	0 12	20 44	1 34	10 38	16 40	18 2	17 52	26 35	8 55	0 31
W16	18 43	1 58	3 10	20 17	0 13	6 5	1 50	6 53	1 44	18 36	0 30	12 23	1 52	19 18	0 12	20 44	1 34	10 38	16 40	18 3	17 53	26 35	8 54	0 31
T 17	18 58	4s13	4 0	19 40	0n 7	6 32	1 51	6 41	1 44	18 35	0 30	12 22	1 52	19 19	0 12	20 43	1 34	10 37	16 41	18 4	17 54	26 35	8 53	0 31
F 18	19 13	10 24	4 38	19 1	0 28	6 59	1 51	6 29	1 45	18 35	0 30	12 22	1 51	19 20	0 12	20 43	1 34	10 37	16 41	18 6	17 55	26 36	8 52	0 31
S 19	19 27	16 13	4 59	18 22	0 48	7 26	1 51	6 16	1 46	18 35	0 30	12 21	1 51	19 21	0 12	20 43	1 34	10 37	16 41	18 8	17 56	26 36	8 51	0 31
S 20	19 41	21 13	5 0	17 44	1 7	7 53	1 51	6 4	1 46	18 35	0 31	12 21	1 51	19 22	0 12	20 43	1 34	10 36	16 42	18 11	17 57	26 37	8 50	0 31
M21	19 54	24 51	4 40	17 8	1 25	8 20	1 51	5 52	1 47	18 35	0 31	12 20	1 51	19 23	0 12	20 42	1 34	10 36	16 42	18 14	17 57	26 37	8 49	0 31
T 22	20 8	26 41	3 59	16 35	1 41	8 47	1 51	5 39	1 47	18 35	0 31	12 19	1 51	19 24	0 12	20 42	1 34	10 36	16 43	18 16	17 58	26 37	8 48	0 30
W23	20 20	26 31	3 3	16 6	1 56	9 14	1 50	5 27	1 48	18 35	0 31	12 18	1 51	19 24	0 12	20 42	1 34	10 35	16 43	18 18	17 59	26 38	8 47	0 30
T 24	20 33	24 26	1 54	15 41	2 8	9 40	1 50	5 15	1 49	18 35	0 31	12 18	1 51	19 25	0 12	20 42	1 34	10 35	16 43	18 19	18 0	26 38	8 47	0 30
F 25	20 45	20 47	0 40	15 21	2 18	10 6	1 50	5 3	1 49	18 35	0 32	12 17	1 50	19 26	0 12	20 42	1 34	10 35	16 44	18 20	18 1	26 39	8 46	0 30
S 26	20 57	16 2	0n34	15 6	2 26	10 32	1 49	4 51	1 50	18 36	0 32	12 16	1 50	19 27	0 12	20 41	1 34	10 35	16 44	18 20	18 2	26 39	8 45	0 30
S 27	21 8	10 37	1 44	14 57	2 32	10 58	1 49	4 39	1 50	18 36	0 32	12 15	1 50	19 28	0 12	20 41	1 34	10 34	16 45	18 20	18 2	26 39	8 44	0 30
M28	21 19	4 54	2 47	14 52	2 36	11 23	1 48	4 27	1 51	18 36	0 32	12 14	1 50	19 29	0 12	20 41	1 34	10 34	16 45	18 20	18 3	26 40	8 43	0 30
T 29	21 29	0n53	3 39	14 51	2 38	11 49	1 47	4 15	1 52	18 37	0 32	12 13	1 50	19 29	0 12	20 41	1 34	1						

SWISS EPHEMERIS for the year 1729

DECEMBER 1729

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Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁
T 1	4 39 13	8°52'09	18°37	19°18	8°21	24°40	8°R46	2°50	27°50	11°R39	12°20	7°R41	8°46	13°49	21°R 3
F 2	4 43 9	9°53'03	0°46	19°51	9°35	25°12	8°L45	2°53	27°54	11°R38	12°21	7°R42	8°43	13°56	21°R 1
S 3	4 47 6	10°53'58	12°48	20°32	10°49	25°43	8°43	2°55	27°58	11°36	12°23	7°22	8°40	14° 3	20°59
S 4	4 51 3	11°54'54	24°45	21°19	12° 4	26°14	8°42	2°58	28° 1	11°34	12°24	7°10	8°36	14° 9	20°58
M 5	4 54 59	12°55'51	6°38	22°11	13°18	26°45	8°40	3° 1	28° 5	11°32	12°26	6°59	8°33	14°16	20°56
T 6	4 58 56	13°56'49	18°29	23° 9	14°33	27°16	8°38	3° 4	28° 9	11°31	12°27	6°49	8°30	14°23	20°55
W 7	5 2 52	14°57'48	0°20	24°11	15°47	27°47	8°35	3° 7	28°12	11°29	12°28	6°41	8°27	14°30	20°53
T 8	5 6 49	15°58'48	12°12	25°16	17° 1	28°17	8°33	3°10	28°16	11°27	12°30	6°35	8°24	14°36	20°52
F 9	5 10 45	16°59'48	24° 7	26°25	18°16	28°47	8°30	3°14	28°19	11°26	12°31	6°32	8°21	14°43	20°51
S 10	5 14 42	18° 0'50	6° 8	27°37	19°30	29°18	8°28	3°17	28°23	11°24	12°32	6°D31	8°17	14°50	20°50
S 11	5 18 38	19° 1'52	18°20	28°51	20°45	29°48	8°25	3°21	28°26	11°22	12°34	6°32	8°14	14°56	20°48
M12	5 22 35	20° 2'55	0°45	0° 7	22° 0	0°18	8°21	3°24	28°30	11°21	12°35	6°33	8°11	15° 3	20°47
T 13	5 26 32	21° 4'00	13°28	1°25	23°14	0°47	8°18	3°28	28°33	11°19	12°36	6°34	8° 8	15°10	20°46
W14	5 30 28	22° 5'05	26°33	2°45	24°29	1°17	8°14	3°32	28°37	11°17	12°37	6°R35	8° 5	15°16	20°45
T 15	5 34 25	23° 6'11	10° 5	4° 6	25°44	1°47	8°11	3°36	28°40	11°16	12°38	6°33	8° 2	15°23	20°44
F 16	5 38 21	24° 7'18	24° 4	5°29	26°58	2°16	8° 7	3°40	28°44	11°14	12°39	6°30	7°58	15°30	20°43
S 17	5 42 18	25° 8'26	8°31	6°53	28°13	2°45	8° 3	3°44	28°47	11°12	12°40	6°25	7°55	15°37	20°42
S 18	5 46 14	26° 9'34	23°22	8°17	29°28	3°14	7°58	3°48	28°51	11°11	12°41	6°19	7°52	15°43	20°41
M19	5 50 11	27°10'44	8°31	9°43	0°43	3°43	7°54	3°52	28°54	11° 9	12°42	6°12	7°49	15°50	20°41
T 20	5 54 8	28°11'53	23°47	11° 9	1°57	4°11	7°49	3°56	28°57	11° 7	12°43	6° 7	7°46	15°57	20°40
W21	5 58 4	29°13'04	9° 1	12°36	3°12	4°40	7°44	4° 1	29° 1	11° 6	12°44	6° 3	7°42	16° 3	20°39
T 22	6 2 1	0°14'14	24° 1	14° 3	4°27	5° 8	7°39	4° 5	29° 4	11° 4	12°45	6° 0	7°39	16°10	20°39
F 23	6 5 57	1°15'25	8°41	15°31	5°42	5°36	7°34	4°10	29° 7	11° 3	12°46	6°D 0	7°36	16°17	20°38
S 24	6 9 54	2°16'36	22°54	17° 0	6°57	6° 4	7°29	4°14	29°11	11° 1	12°47	6° 1	7°33	16°23	20°38
S 25	6 13 50	3°17'46	6°39	18°29	8°12	6°31	7°23	4°19	29°14	11° 0	12°47	6° 2	7°30	16°30	20°37
M26	6 17 47	4°18'57	19°57	19°59	9°27	6°59	7°18	4°24	29°17	10°58	12°48	6° 4	7°27	16°37	20°37
T 27	6 21 43	5°20'07	2°50	21°29	10°41	7°26	7°12	4°28	29°20	10°56	12°49	6°R 5	7°23	16°43	20°37
W28	6 25 40	6°21'17	15°23	22°59	11°56	7°53	7° 6	4°33	29°24	10°55	12°49	6° 4	7°20	16°50	20°36
T 29	6 29 37	7°22'27	27°40	24°30	13°11	8°19	7° 0	4°38	29°27	10°53	12°50	6° 2	7°17	16°57	20°36
F 30	6 33 33	8°23'37	9°45	26° 1	14°26	8°46	6°54	4°43	29°30	10°52	12°51	5°59	7°14	17° 4	20°36
S 31	6 37 30	9°24'46	21°41	27°32	15°41	9°12	6°L48	4°49	29°33	10°51	12°51	5°55	7°11	17°10	20°D36

Day	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁	♁									
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat									
T 1	21s49	11n44	4n48	15s 3	2n38	12s39	1n46	3n51	1n53	18n37	0n33	12s11	1s50	19s31	0n12	20n40	1s34	10n34	16n47	18s23	18s 6	26n41	8n41	0n30
F 2	21 58	16 28	5 2	15 13	2 36	13 3	1 45	3 39	1 54	18 38	0 33	12 10	1 50	19 32	0 12	20 40	1 34	10 34	16 47	18 25	18 7	26 41	8 40	0 29
S 3	22 7	20 31	5 3	15 27	2 33	13 27	1 44	3 27	1 54	18 39	0 33	12 9	1 49	19 33	0 12	20 40	1 34	10 34	16 48	18 28	18 7	26 41	8 39	0 29
S 4	22 15	23 40	4 50	15 43	2 30	13 51	1 43	3 15	1 55	18 39	0 34	12 8	1 49	19 34	0 12	20 40	1 34	10 33	16 48	18 30	18 8	26 42	8 39	0 29
M 5	22 23	25 48	4 25	16 0	2 25	14 15	1 41	3 4	1 55	18 40	0 34	12 6	1 49	19 34	0 12	20 39	1 34	10 33	16 49	18 33	18 9	26 42	8 38	0 29
T 6	22 31	26 46	3 49	16 20	2 20	14 38	1 40	2 52	1 56	18 41	0 34	12 5	1 49	19 35	0 12	20 39	1 34	10 33	16 49	18 36	18 10	26 42	8 37	0 29
W 7	22 38	26 30	3 2	16 40	2 14	15 1	1 39	2 40	1 57	18 41	0 34	12 4	1 49	19 36	0 12	20 39	1 34	10 33	16 50	18 38	18 11	26 43	8 37	0 29
T 8	22 44	25 2	2 7	17 2	2 8	15 23	1 38	2 29	1 57	18 42	0 34	12 3	1 49	19 37	0 12	20 39	1 34	10 33	16 50	18 39	18 12	26 43	8 36	0 29
F 9	22 50	22 25	1 6	17 25	2 2	15 45	1 36	2 17	1 58	18 43	0 35	12 1	1 49	19 38	0 12	20 38	1 34	10 33	16 51	18 40	18 12	26 43	8 36	0 29
S 10	22 56	18 48	0 2	17 48	1 55	16 7	1 35	2 6	1 59	18 44	0 35	12 0	1 48	19 38	0 12	20 38	1 34	10 33	16 51	18 40	18 13	26 43	8 35	0 29
S 11	23 1	14 21	1s 3	18 11	1 48	16 28	1 33	1 54	1 59	18 45	0 35	11 59	1 48	19 39	0 12	20 38	1 34	10 33	16 52	18 40	18 14	26 44	8 34	0 28
M12	23 6	9 14	2 7	18 34	1 40	16 49	1 31	1 43	2 0	18 46	0 35	11 57	1 48	19 40	0 12	20 38	1 34	10 33	16 52	18 40	18 15	26 44	8 34	0 28
T 13	23 10	3 38	3 6	18 58	1 33	17 10	1 30	1 32	2 1	18 47	0 35	11 56	1 48	19 41	0 12	20 38	1 34	10 33	16 53	18 40	18 16	26 44	8 33	0 28
W14	23 14	2s16	3 58	19 21	1 25	17 30	1 28	1 21	2 1	18 48	0 36	11 54	1 48	19 42	0 12	20 37	1 34	10 33	16 53	18 39	18 16	26 44	8 33	0 28
T 15	23 18	8 15	4 38	19 44	1 18	17 49	1 26	1 9	2 2	18 50	0 36	11 53	1 48	19 42	0 12	20 37	1 34	10 33	16 54	18 40	18 17	26 45	8 32	0 28
F 16	23 21	14 2	5 3	20 6	1 10	18 9	1 24	0 58	2 3	18 51	0 36	11 51	1 48	19 43	0 12	20 37	1 34	10 34	16 54	18 41	18 18	26 45	8 32	0 28
S 17	23 23	19 15	5 10	20 28	1 2	18 27	1 22	0 47	2 3	18 52	0 36	11 50	1 48	19 44	0 12	20 37	1 33	10 34	16 55	18 42	18 19	26 45	8 32	0 28
S 18	23 25	23 25	4 56	20 50	0 54	18 45	1 21	0 37	2 4	18 53	0 36	11 48	1 48	19 45	0 12	20 37	1 33	10 34	16 55	18 43	18 20	26 45	8 31	0 28
M19	23 27	26 4	4 22	21 10	0 46	19 3	1 19	0 26	2 5	18 55	0 37	11 46	1 47	19 45	0 12	20 36	1 33	10 34	16 56	18 45	18 21	26 45	8 31	0 28
T 20	23 28	26 49	3 29	21 31	0 39	19 20	1 16	0 15	2 5	18 56	0 37	11 45	1 47	19 46	0 12	20 36	1 33	10 34	16 57	18 46	18 21	26 46	8 30	0 28
W21	23 28	25 31	2 22	21 50	0 31	19 37	1 14	0 4	2 6	18 58	0 37	11 43	1 47	19 47	0 12	20 36	1 33	10 34	16 57	18 47	18 22	26 46	8 30	0 27
T 22	23 29	22 24	1 5	22 8	0 23	19 53	1 12	0s 6	2 7	18 59	0 37	11 41	1 47	19 48	0 12	20 36	1 33	10 34	16 58	18 48	18 23	26 46	8 30	0 27
F 23	23 28	17 53	0n15	22 26	0 16	20 8	1 10	0 17	2 7	19 1	0 37	11 40	1 47	19 48	0 12	20 36	1 33	10 35	16 58	18 48	18 24	26 46	8 29	0 27
S 24	23 27	12 28	1 31	22 42	0 8	20 23	1 8	0 27	2 8	19 2	0 38	11 38	1 47	19 49	0 12	20 35	1 33	10 35	16 59	18 48	18 25	26 46	8 29	0 27
S 25	23 26	6 37	2 40	22 58	0 1	20 38	1 6	0 37	2 9	19 4	0 38	11 36	1 47	19 50	0 12	20 35	1 33	10 35	16 59	18 48	18 25	26 46	8 29	0 27
M26	23 24	0 39	3 37	23 12	0s 6	20 51	1 3	0 48	2 9	19 5	0 38	11 34	1 47	19 50	0 12	20 35	1 33	10 35	17 0	18 47	18 26	26 46	8 29	0 27
T 27	23 22	5n 8	4 22	23 25	0 13	21 5	1 1	0 58	2 10	19 7	0 38	11 32	1 47	19 51	0 12	20 35	1 33	10 36	17 1	18 47	18 27	26 47	8 28	0 27
W28	23 19	10 34	4 53	23 38	0 20	21 17	0 59	1 8	2 11	19 9	0 38	11 30	1 46	19 52	0 12	20 35	1 33	10 36	17 1	18 47	18 28	26 47	8 28	0 27
T 29	23 16	15 28	5 10	23 49	0 27	21 29	0 56																	