

SWISS EPHEMERIS for the year 2061

JANUARY 2061

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Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
S 1	6 44 42	11° 3' 45"	2° 8' 2"	24° 21'	23° 44'	9° 3'	29° 31'	11° 54'	11° 59'	18° 51'	21° 4'	26° 3'	25° 12'	15° 24'	26° 15'
S 2	6 48 38	12° 6' 02"	16° 23'	25° 56'	24° 59'	9° 28'	29° 24'	11° 50'	12° 1'	18° 49'	21° 5'	26° 1'	25° 9'	15° 31'	26° 18'
M 3	6 52 35	13° 7' 10"	0° 11' 56"	27° 31'	26° 14'	9° 53'	29° 16'	11° 46'	12° 4'	18° 48'	21° 6'	25° 58'	25° 6'	15° 37'	26° 22'
T 4	6 56 31	14° 8' 18"	15° 36'	29° 5'	27° 29'	10° 17'	29° 8'	11° 43'	12° 6'	18° 46'	21° 7'	25° 51'	25° 3'	15° 44'	26° 25'
W 5	7 0 28	15° 9' 26"	0° 31' 17"	0° 38'	28° 45'	10° 41'	29° 1'	11° 39'	12° 8'	18° 45'	21° 7'	25° 41'	25° 0'	15° 51'	26° 28'
T 6	7 4 25	16° 10' 34"	14° 50'	2° 11'	0° 3'	11° 5'	28° 53'	11° 35'	12° 10'	18° 43'	21° 8'	25° 30'	24° 57'	15° 57'	26° 32'
F 7	7 8 21	17° 11' 42"	29° 9'	3° 41'	1° 15'	11° 29'	28° 46'	11° 32'	12° 12'	18° 42'	21° 9'	25° 17'	24° 53'	16° 4'	26° 35'
S 8	7 12 18	18° 12' 49"	13° 9' 7"	5° 11'	2° 31'	11° 52'	28° 38'	11° 28'	12° 14'	18° 40'	21° 10'	25° 5'	24° 50'	16° 11'	26° 39'
S 9	7 16 14	19° 13' 57"	26° 40'	6° 38'	3° 46'	12° 15'	28° 31'	11° 25'	12° 16'	18° 39'	21° 10'	24° 55'	24° 47'	16° 17'	26° 42'
M10	7 20 11	20° 15' 04"	9° 11' 48"	8° 3'	5° 1'	12° 38'	28° 24'	11° 22'	12° 18'	18° 38'	21° 11'	24° 47'	24° 44'	16° 24'	26° 46'
T 11	7 24 7	21° 16' 12"	22° 31'	9° 25'	6° 16'	13° 0'	28° 17'	11° 19'	12° 20'	18° 36'	21° 12'	24° 42'	24° 41'	16° 30'	26° 49'
W12	7 28 4	22° 17' 19"	4° 53'	10° 44'	7° 32'	13° 22'	28° 10'	11° 15'	12° 22'	18° 35'	21° 13'	24° 39'	24° 37'	16° 37'	26° 53'
T 13	7 32 0	23° 18' 26"	16° 58'	11° 59'	8° 47'	13° 44'	28° 4'	11° 12'	12° 24'	18° 33'	21° 14'	24° 39'	24° 34'	16° 44'	26° 57'
F 14	7 35 57	24° 19' 34"	28° 52'	13° 9'	10° 2'	14° 5'	27° 57'	11° 10'	12° 26'	18° 32'	21° 15'	24° 39'	24° 31'	16° 50'	27° 0'
S 15	7 39 54	25° 20' 41"	10° 14' 40"	14° 14'	11° 18'	14° 27'	27° 51'	11° 7'	12° 27'	18° 31'	21° 16'	24° 38'	24° 28'	16° 57'	27° 4'
S 16	7 43 50	26° 21' 48"	22° 27'	15° 13'	12° 33'	14° 47'	27° 44'	11° 4'	12° 29'	18° 30'	21° 17'	24° 36'	24° 25'	17° 4'	27° 8'
M17	7 47 47	27° 22' 55"	4° 20'	16° 4'	13° 48'	15° 8'	27° 38'	11° 1'	12° 31'	18° 28'	21° 18'	24° 31'	24° 22'	17° 10'	27° 11'
T 18	7 51 43	28° 24' 01"	16° 22'	16° 48'	15° 4'	15° 28'	27° 32'	10° 59'	12° 32'	18° 27'	21° 19'	24° 24'	24° 18'	17° 17'	27° 15'
W19	7 55 40	29° 25' 08"	28° 37'	17° 23'	16° 19'	15° 47'	27° 26'	10° 56'	12° 34'	18° 26'	21° 20'	24° 14'	24° 15'	17° 24'	27° 19'
T 20	7 59 36	0° 26' 13"	11° 3'	17° 49'	17° 34'	16° 6'	27° 20'	10° 54'	12° 35'	18° 25'	21° 21'	24° 1'	24° 12'	17° 30'	27° 23'
F 21	8 3 33	1° 27' 19"	23° 51'	18° 4'	18° 50'	16° 25'	27° 15'	10° 52'	12° 37'	18° 24'	21° 22'	23° 48'	24° 9'	17° 37'	27° 27'
S 22	8 7 29	2° 28' 23"	6° 52'	18° 8'	20° 5'	16° 44'	27° 9'	10° 50'	12° 38'	18° 22'	21° 23'	23° 34'	24° 6'	17° 44'	27° 31'
S 23	8 11 26	3° 29' 27"	20° 7'	18° 1'	21° 20'	17° 2'	27° 4'	10° 48'	12° 39'	18° 21'	21° 24'	23° 21'	24° 3'	17° 50'	27° 34'
M24	8 15 23	4° 30' 30"	3° 34'	17° 42'	22° 36'	17° 19'	26° 59'	10° 46'	12° 41'	18° 20'	21° 25'	23° 11'	23° 59'	17° 57'	27° 38'
T 25	8 19 19	5° 31' 33"	17° 10'	17° 12'	23° 51'	17° 37'	26° 54'	10° 44'	12° 42'	18° 19'	21° 27'	23° 3'	23° 56'	18° 4'	27° 42'
W26	8 23 16	6° 32' 34"	0° 55'	16° 31'	25° 6'	17° 53'	26° 49'	10° 42'	12° 43'	18° 18'	21° 28'	22° 59'	23° 53'	18° 10'	27° 46'
T 27	8 27 12	7° 33' 34"	14° 46'	15° 39'	26° 21'	18° 10'	26° 45'	10° 41'	12° 44'	18° 17'	21° 29'	22° 57'	23° 50'	18° 17'	27° 50'
F 28	8 31 9	8° 34' 33"	28° 44'	14° 40'	27° 37'	18° 25'	26° 40'	10° 39'	12° 45'	18° 16'	21° 30'	22° 57'	23° 47'	18° 24'	27° 54'
S 29	8 35 5	9° 35' 30"	12° 46'	13° 33'	28° 52'	18° 41'	26° 36'	10° 38'	12° 46'	18° 15'	21° 31'	22° 57'	23° 43'	18° 30'	27° 58'
S30	8 39 2	10° 36' 27"	26° 54'	12° 22'	0° 7'	18° 56'	26° 32'	10° 36'	12° 47'	18° 14'	21° 33'	22° 56'	23° 40'	18° 37'	28° 2'
M31	8 42 58	11° 37' 22"	11° 11'	11° 7'	1° 23'	19° 10'	26° 28'	10° 35'	12° 48'	18° 14'	21° 34'	22° 55'	23° 37'	18° 44'	28° 6'

Delta T = 141.05 sec.

FEBRUARY 2061

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Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
T 1	8 46 55	12° 38' 16"	25° 11' 20"	9° 53'	2° 38'	19° 24'	26° 25'	10° 34'	12° 49'	18° 13'	21° 35'	22° 47'	23° 34'	18° 50'	28° 10'
W 2	8 50 52	13° 39' 09"	9° 32'	8° 40'	3° 53'	19° 37'	26° 21'	10° 33'	12° 50'	18° 12'	21° 36'	22° 39'	23° 31'	18° 57'	28° 14'
T 3	8 54 48	14° 40' 01"	23° 38'	7° 30'	5° 8'	19° 50'	26° 18'	10° 33'	12° 50'	18° 11'	21° 38'	22° 28'	23° 28'	19° 4'	28° 19'
F 4	8 58 45	15° 40' 51"	7° 33'	6° 25'	6° 24'	20° 3'	26° 15'	10° 32'	12° 51'	18° 10'	21° 39'	22° 17'	23° 24'	19° 10'	28° 23'
S 5	9 2 41	16° 41' 40"	21° 13'	5° 27'	7° 39'	20° 15'	26° 12'	10° 31'	12° 51'	18° 10'	21° 40'	22° 6'	23° 21'	19° 17'	28° 27'
S 6	9 6 38	17° 42' 28"	4° 11' 34"	4° 36'	8° 54'	20° 26'	26° 9'	10° 31'	12° 52'	18° 9'	21° 42'	21° 56'	23° 18'	19° 24'	28° 31'
M 7	9 10 34	18° 43' 15"	17° 34'	3° 53'	10° 9'	20° 37'	26° 7'	10° 30'	12° 53'	18° 8'	21° 43'	21° 48'	23° 15'	19° 30'	28° 35'
T 8	9 14 31	19° 44' 01"	0° 14'	3° 19'	11° 24'	20° 47'	26° 4'	10° 30'	12° 53'	18° 8'	21° 44'	21° 44'	23° 12'	19° 37'	28° 39'
W 9	9 18 28	20° 44' 45"	12° 36'	2° 52'	12° 40'	20° 57'	26° 2'	10° 30'	12° 53'	18° 7'	21° 46'	21° 41'	23° 9'	19° 44'	28° 43'
T 10	9 22 24	21° 45' 29"	24° 42'	2° 34'	13° 55'	21° 6'	26° 0'	10° 30'	12° 54'	18° 6'	21° 47'	21° 41'	23° 5'	19° 50'	28° 47'
F 11	9 26 21	22° 46' 12"	6° 11' 37"	2° 24'	15° 10'	21° 14'	25° 59'	10° 30'	12° 54'	18° 6'	21° 48'	21° 42'	23° 2'	19° 57'	28° 51'
S 12	9 30 17	23° 46' 53"	18° 27'	2° 22'	16° 25'	21° 22'	25° 57'	10° 30'	12° 54'	18° 5'	21° 50'	21° 42'	22° 59'	20° 4'	28° 56'
S 13	9 34 14	24° 47' 34"	0° 16'	2° 26'	17° 40'	21° 29'	25° 56'	10° 30'	12° 54'	18° 5'	21° 51'	21° 42'	22° 56'	20° 10'	29° 0'
M14	9 38 10	25° 48' 13"	12° 10'	2° 38'	18° 56'	21° 36'	25° 55'	10° 31'	12° 54'	18° 4'	21° 53'	21° 41'	22° 53'	20° 17'	29° 4'
T 15	9 42 7	26° 48' 51"	24° 14'	2° 55'	20° 11'	21° 42'	25° 54'	10° 31'	12° 54'	18° 4'	21° 54'	21° 37'	22° 49'	20° 24'	29° 8'
W16	9 46 3	27° 49' 28"	6° 33'	3° 19'	21° 26'	21° 47'	25° 53'	10° 32'	12° 54'	18° 4'	21° 55'	21° 31'	22° 46'	20° 30'	29° 12'
T 17	9 50 0	28° 50' 04"	11° 9'	3° 48'	22° 41'	21° 51'	25° 53'	10° 33'	12° 54'	18° 3'	21° 57'	21° 23'	22° 43'	20° 37'	29° 16'
F 18	9 53 57	29° 50' 39"	2° 5'	4° 21'	23° 56'	21° 55'	25° 52'	10° 34'	12° 54'	18° 3'	21° 58'	21° 14'	22° 40'	20° 44'	29° 21'
S 19	9 57 53	0° 51' 12"	15° 21'	5° 0'	25° 11'	21° 59'	25° 52'	10° 35'	12° 54'	18° 3'	22° 0'	21° 4'	22° 37'	20° 50'	29° 25'
S 20	10 1 50	1° 51' 43"	28° 56'	5° 42'	26° 26'	22° 1'	25° 52'	10° 36'	12° 54'	18° 2'	22° 1'	20° 56'	22° 34'	20° 57'	29° 29'
M21	10 5 46	2° 52' 13"	12° 47'	6° 29'	27° 42'	22° 3'	25° 53'	10° 37'	12° 54'	18° 2'	22° 3'	20° 49'	22° 30'	21° 4'	29° 33'
T 22	10 9 43	3° 52' 41"	26° 51'	7° 19'	28° 57'	22° 4'	25° 53'	10° 38'	12° 53'	18° 2'	22° 4'	20° 44'	22° 27'	21° 10'	29° 37'
W23	10 13 39	4° 53' 08"	11° 2'	8° 12'	0° 12'	22° 4'	25° 54'	10° 40'	12° 53'	18° 2'	22° 6'	20° 42'	22° 24'	21° 17'	29° 41'
T 24	10 17 36	5° 53' 33"	25° 17'	9° 9'	1° 27'	22° 4'	25° 55'	10° 41'	12° 52'	18° 2'	22° 7'	20° 41'	22° 21'	21° 23'	29° 46'
F 25	10 21 32	6° 53' 56"	9° 32'	10° 8'	2° 42'	22° 3'	25° 56'	10° 43'	12° 52'	18° 2'	22° 9'	20° 42'	22° 18'	21° 30'	29° 50'
S 26	10 25 29	7° 54' 17"	23° 45'	11° 10'	3° 57'	22° 1'	25° 57'	10° 45'	12° 51'	18° 2'	22° 10'	20° 44'	22° 15'	21° 37'	29° 54'
S 27	10 29 25	8° 54' 36"	7° 11' 54"	12° 14'	5° 12'	21° 58'	25° 59'	10° 47'	12° 51'	18° 2'	22° 12'	20° 44'	22° 11'	21° 43'	29° 58'
M28	10 33 22	9° 54' 53"	21° 11' 57"	13° 21'	6° 27'	21° 55'	26° 0'	10° 49'	12° 50'	18° 2'	22° 13'	20° 44'	22° 9'	21° 50'	30° 2'

Delta T = 141.21 sec.

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SWISS EPHEMERIS for the year 2061

MARCH 2061

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Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
T 1	10 37 19	10 ^h 55'08"	5 ^h 55'54"	14 ^h 30'30"	7 ^h 42'42"	21 ^h 51'51"	26 ^h 11'21"	10 ^h 11'51"	12 ^h 18'49"	18 ^h 11'21"	22 ^h 11'15"	20 ^h 18'41"	22 ^h 11'05"	21 ^h 11'57"	0 ^h 01'06"
W 2	10 41 15	11 ^h 55'21"	19 ^h 42'42"	15 ^h 40'40"	8 ^h 57'57"	21 ^h 44'46"	26 ^h 04'26"	10 ^h 53'53"	12 ^h 18'49"	18 ^h 02'18"	22 ^h 16'16"	20 ^h 18'37"	22 ^h 02'22"	22 ^h 02'33"	0 ^h 01'10"
T 3	10 45 12	12 ^h 55'32"	3 ^h 02'21"	16 ^h 53'10"	10 ^h 12'12"	21 ^h 40'40"	26 ^h 07'26"	10 ^h 55'55"	12 ^h 18'48"	18 ^h 02'18"	22 ^h 18'18"	20 ^h 31'20"	21 ^h 59'21"	22 ^h 10'10"	0 ^h 01'14"
F 4	10 49 8	13 ^h 55'40"	16 ^h 48'18"	18 ^h 08'08"	11 ^h 27'27"	21 ^h 33'33"	26 ^h 09'26"	10 ^h 58'58"	12 ^h 18'47"	18 ^h 02'18"	22 ^h 20'20"	20 ^h 25'25"	21 ^h 55'21"	22 ^h 17'17"	0 ^h 01'18"
S 5	10 53 5	14 ^h 55'47"	0 ^h 01'22"	19 ^h 24'24"	12 ^h 42'42"	21 ^h 26'26"	26 ^h 12'12"	11 ^h 00'00"	12 ^h 18'46"	18 ^h 02'18"	22 ^h 21'21"	20 ^h 19'19"	21 ^h 52'21"	22 ^h 23'23"	0 ^h 01'23"
S 6	10 57 1	15 ^h 55'52"	13 ^h 01'01"	20 ^h 42'42"	13 ^h 57'57"	21 ^h 18'18"	26 ^h 15'15"	11 ^h 03'03"	12 ^h 18'45"	18 ^h 03'18"	22 ^h 23'23"	20 ^h 14'14"	21 ^h 49'49"	22 ^h 30'30"	0 ^h 01'27"
M 7	11 0 58	16 ^h 55'55"	25 ^h 46'46"	22 ^h 01'01"	15 ^h 12'12"	21 ^h 09'09"	26 ^h 18'18"	11 ^h 05'05"	12 ^h 18'44"	18 ^h 03'18"	22 ^h 24'24"	20 ^h 10'10"	21 ^h 46'46"	22 ^h 37'37"	0 ^h 01'31"
T 8	11 4 54	17 ^h 55'56"	8 ^h 15'15"	23 ^h 22'22"	16 ^h 27'27"	21 ^h 00'00"	26 ^h 21'21"	11 ^h 08'08"	12 ^h 18'43"	18 ^h 03'18"	22 ^h 26'26"	20 ^h 07'07"	21 ^h 43'43"	22 ^h 43'43"	0 ^h 01'35"
W 9	11 8 51	18 ^h 55'56"	20 ^h 30'30"	24 ^h 45'45"	17 ^h 42'42"	20 ^h 49'49"	26 ^h 24'24"	11 ^h 11'11"	12 ^h 18'42"	18 ^h 04'18"	22 ^h 27'27"	20 ^h 07'07"	21 ^h 40'40"	22 ^h 50'50"	0 ^h 01'39"
T 10	11 12 48	19 ^h 55'53"	2 ^h 11'33"	26 ^h 09'09"	18 ^h 56'56"	20 ^h 38'38"	26 ^h 28'28"	11 ^h 14'14"	12 ^h 18'41"	18 ^h 04'18"	22 ^h 29'29"	20 ^h 07'07"	21 ^h 36'36"	22 ^h 57'57"	0 ^h 01'43"
F 11	11 16 44	20 ^h 55'50"	14 ^h 28'28"	27 ^h 34'34"	20 ^h 11'11"	20 ^h 27'27"	26 ^h 32'32"	11 ^h 17'17"	12 ^h 18'39"	18 ^h 04'18"	22 ^h 30'30"	20 ^h 09'09"	21 ^h 33'33"	23 ^h 03'03"	0 ^h 01'47"
S 12	11 20 41	21 ^h 55'44"	26 ^h 18'18"	29 ^h 01'01"	21 ^h 26'26"	20 ^h 14'14"	26 ^h 36'36"	11 ^h 20'20"	12 ^h 18'38"	18 ^h 05'18"	22 ^h 32'32"	20 ^h 11'11"	21 ^h 30'30"	23 ^h 10'10"	0 ^h 01'51"
S 13	11 24 37	22 ^h 55'37"	8 ^h 17'17"	0 ^h 01'29"	22 ^h 41'41"	20 ^h 01'01"	26 ^h 40'40"	11 ^h 24'24"	12 ^h 18'37"	18 ^h 05'18"	22 ^h 34'34"	20 ^h 12'12"	21 ^h 27'27"	23 ^h 17'17"	0 ^h 01'54"
M 14	11 28 34	23 ^h 55'28"	20 ^h 02'02"	1 ^h 58'58"	23 ^h 56'56"	19 ^h 47'47"	26 ^h 44'44"	11 ^h 27'27"	12 ^h 18'35"	18 ^h 06'18"	22 ^h 35'35"	20 ^h 13'13"	21 ^h 24'24"	23 ^h 23'23"	0 ^h 01'58"
T 15	11 32 30	24 ^h 55'17"	2 ^h 35'35"	3 ^h 28'28"	25 ^h 11'11"	19 ^h 32'32"	26 ^h 49'49"	11 ^h 31'31"	12 ^h 18'34"	18 ^h 06'18"	22 ^h 37'37"	20 ^h 13'13"	21 ^h 20'20"	23 ^h 30'30"	1 ^h 02'02"
W 16	11 36 27	25 ^h 55'05"	14 ^h 23'23"	5 ^h 00'00"	26 ^h 25'25"	19 ^h 16'16"	26 ^h 53'53"	11 ^h 34'34"	12 ^h 18'33"	18 ^h 07'18"	22 ^h 38'38"	20 ^h 12'12"	21 ^h 17'17"	23 ^h 37'37"	1 ^h 02'06"
T 17	11 40 23	26 ^h 54'51"	26 ^h 59'59"	6 ^h 33'33"	27 ^h 40'40"	19 ^h 00'00"	26 ^h 58'58"	11 ^h 38'38"	12 ^h 18'31"	18 ^h 08'18"	22 ^h 40'40"	20 ^h 09'09"	21 ^h 14'14"	23 ^h 43'43"	1 ^h 02'10"
F 18	11 44 20	27 ^h 54'35"	9 ^h 45'45"	8 ^h 08'08"	28 ^h 55'55"	18 ^h 43'43"	27 ^h 03'03"	11 ^h 42'42"	12 ^h 18'30"	18 ^h 08'18"	22 ^h 41'41"	20 ^h 06'06"	21 ^h 11'11"	23 ^h 50'50"	1 ^h 02'14"
S 19	11 48 17	28 ^h 54'18"	23 ^h 19'19"	9 ^h 43'43"	0 ^h 01'10"	18 ^h 26'26"	27 ^h 08'08"	11 ^h 46'46"	12 ^h 18'28"	18 ^h 09'18"	22 ^h 43'43"	20 ^h 03'03"	21 ^h 08'08"	23 ^h 57'57"	1 ^h 02'18"
S 20	11 52 13	29 ^h 53'58"	7 ^h 11'11"	11 ^h 20'20"	1 ^h 24'24"	18 ^h 08'08"	27 ^h 14'14"	11 ^h 50'50"	12 ^h 18'26"	18 ^h 10'10"	22 ^h 44'44"	20 ^h 00'00"	21 ^h 05'05"	24 ^h 03'03"	1 ^h 02'21"
M 21	11 56 10	0 ^h 01'37'37"	21 ^h 12'12"	12 ^h 58'58"	2 ^h 39'39"	17 ^h 49'49"	27 ^h 19'19"	11 ^h 54'54"	12 ^h 18'25"	18 ^h 10'10"	22 ^h 46'46"	19 ^h 58'58"	21 ^h 01'01"	24 ^h 10'10"	1 ^h 02'25"
T 22	12 0 6	1 ^h 53'13"	5 ^h 01'37"	14 ^h 38'38"	3 ^h 54'54"	17 ^h 30'30"	27 ^h 25'25"	11 ^h 58'58"	12 ^h 18'23"	18 ^h 11'11"	22 ^h 48'48"	19 ^h 56'56"	20 ^h 58'58"	24 ^h 17'17"	1 ^h 02'29"
W 23	12 4 3	2 ^h 52'48"	20 ^h 14'14"	16 ^h 18'18"	5 ^h 08'08"	17 ^h 10'10"	27 ^h 31'31"	12 ^h 02'02"	12 ^h 18'21"	18 ^h 12'12"	22 ^h 49'49"	19 ^h 56'56"	20 ^h 55'55"	24 ^h 23'23"	1 ^h 02'33"
T 24	12 7 59	3 ^h 52'21"	4 ^h 57'57"	18 ^h 00'00"	6 ^h 23'23"	16 ^h 49'49"	27 ^h 37'37"	12 ^h 07'07"	12 ^h 18'20"	18 ^h 13'13"	22 ^h 51'51"	19 ^h 56'56"	20 ^h 52'52"	24 ^h 30'30"	1 ^h 02'36"
F 25	12 11 56	4 ^h 51'51"	19 ^h 38'38"	19 ^h 44'44"	7 ^h 38'38"	16 ^h 29'29"	27 ^h 43'43"	12 ^h 11'11"	12 ^h 18'18"	18 ^h 14'14"	22 ^h 52'52"	19 ^h 57'57"	20 ^h 49'49"	24 ^h 37'37"	1 ^h 02'40"
S 26	12 15 52	5 ^h 51'19"	4 ^h 11'11"	21 ^h 28'28"	8 ^h 52'52"	16 ^h 08'08"	27 ^h 49'49"	12 ^h 16'16"	12 ^h 18'16"	18 ^h 15'15"	22 ^h 54'54"	19 ^h 58'58"	20 ^h 46'46"	24 ^h 43'43"	1 ^h 02'43"
S 27	12 19 49	6 ^h 50'45"	18 ^h 36'36"	23 ^h 14'14"	10 ^h 07'07"	15 ^h 46'46"	27 ^h 55'55"	12 ^h 20'20"	12 ^h 18'14"	18 ^h 16'16"	22 ^h 55'55"	19 ^h 59'59"	20 ^h 42'42"	24 ^h 50'50"	1 ^h 02'47"
M 28	12 23 46	7 ^h 50'09"	2 ^h 54'54"	25 ^h 01'01"	11 ^h 22'22"	15 ^h 24'24"	28 ^h 02'02"	12 ^h 25'25"	12 ^h 18'12"	18 ^h 17'17"	22 ^h 57'57"	20 ^h 00'00"	20 ^h 39'39"	24 ^h 57'57"	1 ^h 02'51"
T 29	12 27 42	8 ^h 49'31"	16 ^h 37'37"	26 ^h 50'50"	12 ^h 36'36"	15 ^h 02'02"	28 ^h 09'09"	12 ^h 30'30"	12 ^h 18'10"	18 ^h 18'18"	22 ^h 58'58"	20 ^h 00'00"	20 ^h 36'36"	25 ^h 03'03"	1 ^h 02'54"
W 30	12 31 39	9 ^h 48'49"	0 ^h 01'13"	28 ^h 39'39"	13 ^h 51'51"	14 ^h 39'39"	28 ^h 16'16"	12 ^h 34'34"	12 ^h 18'08"	18 ^h 19'19"	23 ^h 00'00"	19 ^h 59'59"	20 ^h 33'33"	25 ^h 10'10"	1 ^h 02'58"
T 31	12 35 35	10 ^h 48'06"	13 ^h 02'34"	0 ^h 01'31"	15 ^h 01'01"	14 ^h 17'17"	28 ^h 11'11"	12 ^h 39'39"	12 ^h 18'06"	18 ^h 20'20"	23 ^h 01'01"	19 ^h 58'58"	20 ^h 30'30"	25 ^h 17'17"	2 ^h 01'01"

Delta T = 141.35 sec.

APRIL 2061

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Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
F 1	12 39 32	11 ^h 47'20"	26 ^h 02'39"	2 ^h 01'23"	16 ^h 01'20"	13 ^h 54'54"	28 ^h 11'30"	12 ^h 11'44"	12 ^h 18'04"	18 ^h 11'21"	23 ^h 01'01"	19 ^h 57'57"	20 ^h 01'26"	25 ^h 01'23"	2 ^h 01'04"
S 2	12 43 28	12 ^h 46'32"	9 ^h 01'29"	4 ^h 17'17"	17 ^h 34'34"	13 ^h 43'43"	28 ^h 37'37"	12 ^h 50'50"	12 ^h 18'02"	18 ^h 22'22"	23 ^h 04'04"	19 ^h 56'56"	20 ^h 02'23"	25 ^h 03'03"	2 ^h 01'08"
S 3	12 47 25	13 ^h 45'42"	22 ^h 06'06"	6 ^h 12'12"	18 ^h 49'49"	13 ^h 08'08"	28 ^h 45'45"	12 ^h 55'55"	12 ^h 18'00"	18 ^h 23'23"	23 ^h 06'06"	19 ^h 55'55"	20 ^h 20'20"	25 ^h 37'37"	2 ^h 01'11"
M 4	12 51 21	14 ^h 44'50"	4 ^h 42'42"	8 ^h 09'09"	20 ^h 03'03"	12 ^h 44'44"	28 ^h 52'52"	13 ^h 00'00"	11 ^h 58'58"	18 ^h 24'24"	23 ^h 07'07"	19 ^h 55'55"	20 ^h 17'17"	25 ^h 44'44"	2 ^h 01'14"
T 5	12 55 18	15 ^h 43'55"	16 ^h 46'46"	10 ^h 07'07"	21 ^h 17'17"	12 ^h 21'21"	29 ^h 00'00"	13 ^h 05'05"	11 ^h 56'56"	18 ^h 25'25"	23 ^h 09'09"	19 ^h 55'55"	20 ^h 14'14"	25 ^h 50'50"	2 ^h 01'18"
W 6	12 59 14	16 ^h 42'59"	28 ^h 51'51"	12 ^h 06'06"	22 ^h 32'32"	11 ^h 58'58"	29 ^h 08'08"	13 ^h 11'11"	11 ^h 53'53"	18 ^h 27'27"	23 ^h 10'10"	19 ^h 55'55"	20 ^h 11'11"	25 ^h 57'57"	2 ^h 01'21"
T 7	13 3 11	17 ^h 42'00"	10 ^h 11'49"	14 ^h 06'06"	23 ^h 46'46"	11 ^h 35'35"	29 ^h 16'16"	13 ^h 16'16"	11 ^h 51'51"	18 ^h 28'28"	23 ^h 12'12"	19 ^h 55'55"	20 ^h 07'07"	26 ^h 04'04"	2 ^h 01'24"
F 8	13 7 8	18 ^h 41'00"	22 ^h 41'00"	16 ^h 08'08"	25 ^h 00'00"	11 ^h 12'12"	29 ^h 24'24"	13 ^h 22'22"	11 ^h 49'49"	18 ^h 29'29"	23 ^h 13'13"	19 ^h 55'55"	20 ^h 04'04"	26 ^h 10'10"	2 ^h 01'27"
S 9	13 11 4	19 ^h 39'58"	4 ^h 17'31"	18 ^h 11'11"	26 ^h 15'15"	10 ^h 49'49"	29 ^h 33'33"	13 ^h 27'27"	11 ^h 47'47"	18 ^h 30'30"	23 ^h 14'14"	19 ^h 55'55"	20 ^h 01'01"	26 ^h 17'17"	2 ^h 01'30"
S 10	13 15 1	20 ^h 38'54"	16 ^h 21'21"	20 ^h 14'14"	27 ^h 29'29"	10 ^h 27'27"	29 ^h 41'41"	13 ^h 33'33"	11 ^h 44'44"	18 ^h 32'32"	23 ^h 16'16"	19 ^h 55'55"	19 ^h 58'58"	26 ^h 24'24"	2 ^h 01'34"
M11	13 18 57	21 ^h 37'48"	28 ^h 15'28"	22 ^h 19'19"	28 ^h 43'43"	10 ^h 42'42"	29 ^h 50'50"	13 ^h 39'39"	11 ^h 42'42"	18 ^h 33'33"	23 ^h 17'17"	19 ^h 55'55"	19 ^h 55'55"	26 ^h 30'30"	2 ^h 01'37"
T 12	13 22 54	22 ^h 36'41"	10 ^h 03'18"	24 ^h 24'24"	29 ^h 58'58"	9 ^h 42'42"	29 ^h 58'58"	13 ^h 44'44"	11 ^h 40'40"	18 ^h 35'35"	23 ^h 19'19"	19 ^h 55'55"	19 ^h 52'52"	26 ^h 37'37"	2 ^h 01'40"
W13	13 26 50	23 ^h 35'32"	22 ^h 34'34"	26 ^h 30'30"	1 ^h 12'12"	9 ^h 20'20"	0 ^h 07'07"	13 ^h 50'50"	11 ^h 37'37"	18 ^h 36'36"	23 ^h 20'20"	19 ^h 55'55"	19 ^h 48'48"	26 ^h 44'44"	2 ^h 01'43"
T 14	13 30 47	24 ^h 34'21"	5 ^h 47'47"	28 ^h 37'37"	2 ^h 26'26"	8 ^h 59'59"	0 ^h 16'16"	13 ^h 56'56"	11 ^h 35'35"	18 ^h 38'38"	23 ^h 21'21"	19 ^h 55'55"	19 ^h 45'45"	26 ^h 50'50"	2 ^h 01'46"
F 15	13 34 43	25 ^h 33'08"	18 ^h 01'01"	0 ^h 43'43"	3 ^h 40'40"	8 ^h 38'38"	0 ^h 25'25"	14 ^h 02'02"	11 ^h 33'33"	18 ^h 39'39"	23 ^h 23'23"	19 ^h 55'55"	19 ^h 42'42"	26 ^h 57'57"	2 ^h 01'48"
S 16	13 38 40	26 ^h 31'54"	1 ^h 11'11"	2 ^h 49'49"	4 ^h 55'55"	8 ^h 18'18"	0 ^h 34'34"	14 ^h 08'08"	11 ^h 30'30"	18 ^h 40'40"	23 ^h 24'24"	19 ^h 56'56"	19 ^h 39'39"	27 ^h 04'04"	2 ^h 01'51"
S 17	13 42 37	27 ^h 30'37"	15 ^h 03'03"	4 ^h 55'55"	6 ^h 09'09"	7 ^h 58'58"	0 ^h 43'43"	14 ^h 14'14"	11 ^h 28'28"	18 ^h 42'42"	23 ^h 26'26"	19 ^h 56'56"	19 ^h 36'36"	27 ^h 10'10"	2 ^h 01'54"
M18	13 46 33	28 ^h 29'19"	29 ^h 13'13"	7 ^h 00'00"	7 ^h 23'23"	7 ^h 38'38"	0 ^h 53'53"	14 ^h 21'21"	11 ^h 25'25"	18 ^h 44'44"	23 ^h 27'27"	19 ^h 57'57"	19 ^h 32'32"	27 ^h 17'17"	2 ^h 01'57"
T 19	13 50 30	29 ^h 28'00"	13 ^h 04'47"	9 ^h 04'04"	8 ^h 37'37"	7 ^h 19'19"	1 ^h 02'02"	14 ^h 27'27"	11 ^h 23'23"	18 ^h 45'45"	23 ^h 28'28"	19 ^h 57'57"	19 ^h 29'29"	27 ^h 24'24"	2 ^h 01'59"
W20	13 54 26	0 ^h 26'38"	28 ^h 39'39"	11 ^h 06'06"	9 ^h 51'51"	7 ^h 01'01"	1 ^h 12'12"	14 ^h 33'33"	11 ^h 20'20"	18 ^h 47'47"	23 ^h 29'29"	19 ^h 57'57"	19 ^h 26'26"	27 ^h 30'30"	2 ^h 02'02"
T 21	13 58 23	1 ^h 25'15"	13 ^h 42'42"	13 ^h 07'07"	11 ^h 05'05"	6 ^h 43'43"	1 ^h 21'21"	14 ^h 40'40"	11 ^h 18'18"	18 ^h 48'48"	23 ^h 31'31"	19 ^h 57'57"	19 ^h 23'23"	27 ^h 37'37"	2 ^h 02'05"
F 22	14 2 19	2 ^h 23'50"	28 ^h 47'47"	15 ^h 06'06"	12 ^h 19'19"	6 ^h 26'26"	1 ^h 31'31"	14 ^h 46'46"	11 ^h 15'15"	18 ^h 50'50"	23 ^h 32'32"	19 ^h 56'56"	19 ^h 20'20"	27 ^h 44'44"	2 ^h 02'07"
S 23	14 6 16	3 ^h 22'22"	13 ^h 11'45"	17 ^h 02'02"	13 ^h 33'33"	6 ^h 09'09"	1 ^h 41'41"	14 ^h 52'52"	11 ^h 13'13"	18 ^h 52'52"	23 ^h 33'33"	19 ^h 54'54"	19 ^h 17'17"	27 ^h 50'50"	2 ^h 02'10"
S 24	14 10 12	4 ^h 20'53"	28 ^h 28'28"	18 ^h 56'56"	14 ^h 47'47"	5 ^h 54'54"	1 ^h 51'51"	14 ^h 59'59"	11 ^h 10'10"	18 ^h 53'53"	23 ^h 35'35"	19 ^h 52'52"	19 ^h 13'13"	27 ^h 57'57"	2 ^h 02'12"
M25	14 14 9	5 ^h 19'21"	12 ^h 05'51"	20 ^h 47'47"	16 ^h 01'01"	5 ^h 39'39"	2 ^h 01'01"	15 ^h 06'06"	11 ^h 08'08"	18 ^h 55'55"	23 ^h 36'36"	19 ^h 51'51"	19 ^h 10'10"	28 ^h 04'04"	2 ^h 02'15"
T 26	14 18 6	6 ^h 17'48"	26 ^h 51'51"	22 ^h 35'35"	17 ^h 15'15"	5 ^h 24'24"	2 ^h 11'11"	15 ^h 12'12"	11 ^h 05'05"	18 ^h 57'57"	23 ^h 37'37"	19 ^h 50'50"	19 ^h 07'07"	28 ^h 10'10"	2 ^h 02'17"
W27	14 22 2	7 ^h 16'12"	10 ^h 02'26"	24 ^h 19'19"	18 ^h 29'29"	5 ^h 11'11"	2 ^h 22'22"	15 ^h 19'19"	11 ^h 03'03"	18 ^h 59'59"	23 ^h 38'38"	19 ^h 50'50"	19 ^h 04'04"	28 ^h 17'17"	2 ^h 02'19"
T 28	14 25 59	8 ^h 14'34"	23 ^h 40'40"	26 ^h 00'00"	19 ^h 43'43"	4 ^h 58'58"	2 ^h 32'32"	15 ^h 26'26"	11 ^h 00'00"	19 ^h 00'00"	23 ^h 39'39"	19 ^h 50'50"	19 ^h 01'01"	28 ^h 24'24"	2 ^h 02'22"
F 29	14 29 55	9 ^h 12'54"	6 ^h 03'32"	27 ^h 37'37"	20 ^h 57'57"	4 ^h 46'46"	2 ^h 43'43"	15 ^h 32'32"	10 ^h 58'58"	19 ^h 02'02"	23 ^h 41'41"	19 ^h 52'52"	18 ^h 58'58"	28 ^h 30'30"	2 ^h 02'24"
S 30	14 33 52	10 ^h 11'11"	19 ^h 08'08"	29 ^h 10'10"	22 ^h 11'11"	4 ^h 35'35"	2 ^h 53'53"	15 ^h 11'11"	10 ^h 55'55"	19 ^h 04'04"	23 ^h 42'42"	19 ^h 53'53"	18 ^h 54'54"	28 ^h 37'37"	2 ^h 02'26"

SWISS EPHEMERIS for the year 2061

MAY 2061

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Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
S 1	14 37 48	11♈ 9°27	1♊29	0♈38	23♈25	4°R24	3♊4	15♈46	10°R52	19♈6	23♈43	19°Y54	18°Y51	28♈44	3♈28
M 2	14 41 45	12° 741	13°39	2° 3	24°39	4♈14	3°15	15°53	10♈50	19° 8	23°44	19°55	18°48	28°50	3°30
T 3	14 45 41	13° 5'53	25°41	3°24	25°53	4° 5	3°25	16° 0	10°47	19°10	23°45	19°R55	18°45	28°57	3°32
W 4	14 49 38	14° 4'03	7♈37	4°40	27° 6	3°57	3°36	16° 7	10°45	19°11	23°46	19°54	18°42	29° 4	3°34
T 5	14 53 35	15° 2'11	19°29	5°51	28°20	3°50	3°47	16°14	10°42	19°13	23°47	19°52	18°38	29°10	3°36
F 6	14 57 31	16° 0'18	1♈19	6°59	29°34	3°43	3°59	16°21	10°40	19°15	23°48	19°48	18°35	29°17	3°38
S 7	15 1 28	16°58'23	13° 9	8° 1	0♈48	3°38	4°10	16°28	10°37	19°17	23°49	19°44	18°32	29°24	3°40
S 8	15 5 24	17°56'27	25° 2	8°59	2° 1	3°33	4°21	16°35	10°35	19°19	23°50	19°39	18°29	29°30	3°42
M 9	15 9 21	18°54'29	7♈0	9°52	3°15	3°28	4°32	16°43	10°32	19°21	23°51	19°34	18°26	29°37	3°43
T 10	15 13 17	19°52'30	19° 5	10°41	4°29	3°25	4°44	16°50	10°30	19°23	23°52	19°30	18°23	29°44	3°45
W 11	15 17 14	20°50'30	1♈21	11°25	5°42	3°22	4°55	16°57	10°27	19°25	23°53	19°27	18°19	29°50	3°47
T 12	15 21 10	21°48'28	13°52	12° 3	6°56	3°21	5° 7	17° 4	10°25	19°27	23°54	19°26	18°16	29°57	3°48
F 13	15 25 7	22°46'24	26°41	12°37	8° 9	3°19	5°18	17°12	10°22	19°29	23°55	19°D25	18°13	0♈4	3°50
S 14	15 29 4	23°44'20	9♈52	13° 6	9°23	3°D19	5°30	17°19	10°20	19°31	23°56	19°26	18°10	0°11	3°51
S 15	15 33 0	24°42'14	23°29	13°30	10°37	3°20	5°42	17°26	10°17	19°33	23°57	19°28	18° 7	0°17	3°52
M 16	15 36 57	25°40'07	7°Y31	13°49	11°50	3°21	5°54	17°34	10°15	19°35	23°58	19°29	18° 3	0°24	3°54
T 17	15 40 53	26°37'59	22° 0	14° 3	13° 4	3°23	6° 6	17°41	10°12	19°38	23°59	19°R29	18° 0	0°31	3°55
W 18	15 44 50	27°35'49	6♈52	14°12	14°17	3°25	6°18	17°49	10°10	19°40	24° 0	19°28	17°57	0°37	3°56
T 19	15 48 46	28°33'39	22° 0	14°R16	15°31	3°29	6°30	17°56	10° 8	19°42	24° 0	19°25	17°54	0°44	3°57
F 20	15 52 43	29°31'27	7♈15	14°15	16°44	3°33	6°42	18° 4	10° 5	19°44	24° 1	19°21	17°51	0°51	3°58
S 21	15 56 39	0♈29'13	22°27	14°10	17°58	3°38	6°54	18°11	10° 3	19°46	24° 2	19°15	17°48	0°57	3°59
S 22	16 0 36	1°26'59	7♈26	14° 0	19°11	3°44	7° 6	18°19	10° 1	19°48	24° 3	19° 9	17°44	1° 4	4° 0
M 23	16 4 33	2°24'42	22° 4	13°46	20°24	3°50	7°18	18°27	9°58	19°50	24° 3	19° 3	17°41	1°11	4° 1
T 24	16 8 29	3°22'25	6♈14	13°28	21°38	3°57	7°31	18°34	9°56	19°52	24° 4	18°59	17°38	1°17	4° 2
W 25	16 12 26	4°20'05	19°57	13° 6	22°51	4° 4	7°43	18°42	9°54	19°55	24° 5	18°56	17°35	1°24	4° 3
T 26	16 16 22	5°17'44	3♈12	12°41	24° 4	4°13	7°56	18°50	9°52	19°57	24° 5	18°D55	17°32	1°31	4° 4
F 27	16 20 19	6°15'21	16° 2	12°14	25°18	4°22	8° 8	18°57	9°49	19°59	24° 6	18°55	17°29	1°37	4° 4
S 28	16 24 15	7°12'57	28°31	11°44	26°31	4°31	8°21	19° 5	9°47	20° 1	24° 7	18°56	17°25	1°44	4° 5
S 29	16 28 12	8°10'32	10♈45	11°12	27°44	4°42	8°33	19°13	9°45	20° 3	24° 7	18°58	17°22	1°51	4° 5
M 30	16 32 9	9° 8'05	22°46	10°39	28°57	4°52	8°46	19°20	9°43	20° 6	24° 8	18°R58	17°19	1°57	4° 6
T 31	16 36 5	10♈5'36	4♈40	10♈5	0♈11	5♈4	8♈58	19♈28	9♈41	20♈8	24♈8	18°Y56	17°Y16	2♈4	4♈6

Delta T = 141.65 sec.

JUNE 2061

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Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
W 1	16 40 2	11♈ 3'07	16♈31	9°R32	1♊24	5♈16	9♈11	19♈36	9°R39	20♈10	24♈9	18°R53	17°Y13	2♈11	4♈7
T 2	16 43 58	12° 0'37	28°20	8♈58	2°37	5°28	9°24	19°44	9♈37	20°12	24° 9	18°Y47	17° 9	2°18	4° 7
F 3	16 47 55	12°58'05	10♈10	8°26	3°50	5°42	9°37	19°51	9°35	20°14	24°10	18°39	17° 6	2°24	4° 7
S 4	16 51 51	13°55'32	22° 4	7°56	5° 3	5°55	9°50	19°59	9°33	20°17	24°10	18°29	17° 3	2°31	4° 7
S 5	16 55 48	14°52'59	4♈3	7°27	6°16	6°10	10° 2	20° 7	9°31	20°19	24°11	18°19	17° 0	2°38	4° 7
M 6	16 59 44	15°50'25	16° 7	7° 2	7°29	6°24	10°15	20°15	9°29	20°21	24°11	18° 8	16°57	2°44	4° 8
T 7	17 3 41	16°47'50	28°20	6°39	8°42	6°40	10°28	20°22	9°27	20°23	24°12	17°59	16°54	2°51	4°R 8
W 8	17 7 38	17°45'14	10♈42	6°20	9°55	6°56	10°41	20°30	9°25	20°26	24°12	17°52	16°50	2°58	4° 8
T 9	17 11 34	18°42'37	23°17	6° 4	11° 8	7°12	10°54	20°38	9°24	20°28	24°12	17°46	16°47	3° 4	4° 7
F 10	17 15 31	19°40'00	6♈6	5°52	12°21	7°29	11° 7	20°46	9°22	20°30	24°13	17°43	16°44	3°11	4° 7
S 11	17 19 27	20°37'22	19°14	5°45	13°34	7°46	11°21	20°54	9°20	20°32	24°13	17°D43	16°41	3°18	4° 7
S 12	17 23 24	21°34'44	2°Y43	5°D42	14°47	8° 4	11°34	21° 1	9°18	20°35	24°13	17°43	16°38	3°24	4° 7
M 13	17 27 20	22°32'05	16°36	5°43	16° 0	8°22	11°47	21° 9	9°17	20°37	24°14	17°R43	16°35	3°31	4° 6
T 14	17 31 17	23°29'26	0♈52	5°49	17°13	8°41	12° 0	21°17	9°15	20°39	24°14	17°43	16°31	3°38	4° 6
W 15	17 35 13	24°26'47	15°32	5°59	18°26	9° 0	12°13	21°25	9°14	20°41	24°14	17°40	16°28	3°44	4° 6
T 16	17 39 10	25°24'07	0♈30	6°14	19°38	9°20	12°27	21°33	9°12	20°44	24°14	17°35	16°25	3°51	4° 5
F 17	17 43 7	26°21'27	15°39	6°33	20°51	9°40	12°40	21°40	9°11	20°46	24°14	17°28	16°22	3°58	4° 4
S 18	17 47 3	27°18'46	0♈50	6°57	22° 4	10° 0	12°53	21°48	9° 9	20°48	24°15	17°18	16°19	4° 5	4° 4
S 19	17 51 0	28°16'05	15°52	7°26	23°17	10°21	13° 6	21°56	9° 8	20°50	24°15	17° 8	16°16	4°11	4° 3
M 20	17 54 56	29°13'23	0♈35	7°59	24°29	10°43	13°20	22° 4	9° 7	20°52	24°15	16°58	16°12	4°18	4° 2
T 21	17 58 53	0♈10'41	14°53	8°36	25°42	11° 5	13°33	22°11	9° 5	20°55	24°15	16°50	16° 9	4°25	4° 2
W 22	18 2 49	1° 7'57	28°41	9°18	26°55	11°27	13°47	22°19	9° 4	20°57	24°15	16°44	16° 6	4°31	4° 1
T 23	18 6 46	2° 5'13	12♈1	10° 3	28° 7	11°49	14° 0	22°27	9° 3	20°59	24°15	16°41	16° 3	4°38	4° 0
F 24	18 10 43	3° 2'29	24°53	10°53	29°20	12°12	14°13	22°35	9° 2	21° 1	24°R15	16°39	16° 0	4°45	3°59
S 25	18 14 39	3°59'43	7♈23	11°47	0♈32	12°36	14°27	22°42	9° 1	21° 4	24°15	16°D39	15°56	4°51	3°58
S 26	18 18 36	4°56'57	19°35	12°45	1°45	12°59	14°40	22°50	8°59	21° 6	24°15	16°R39	15°53	4°58	3°57
M 27	18 22 32	5°54'10	1♈34	13°48	2°57	13°23	14°54	22°58	8°58	21° 8	24°15	16°38	15°50	5° 5	3°55
T 28	18 26 29	6°51'23	13°26	14°54	4°10	13°48	15° 7	23° 5	8°57	21°10	24°15	16°36	15°47	5°11	3°54
W 29	18 30 25	7°48'36	25°15	16° 3	5°22	14°13	15°21	23°13	8°57	21°12	24°15	16°31	15°44	5°18	3°53
T 30	18 34 22	8°45'48	7♈5	17♈17	6♈35	14°38	15°34	23♈21	8♈56	21♈14	24♈14	16°Y23	15°Y41	5♈25	3♈52

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SWISS EPHEMERIS for the year 2061

JULY 2061

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Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
F 1	18 38 18	9°43'00	18°59	18°35	7°47	15°3	15°48	23°28	8°R55	21°17	24°R14	16°R13	15°Y37	5°Z31	3°R50
S 2	18 42 15	10°40'12	0°58	19°56	8°59	15°29	16° 1	23°36	8°M54	21°19	24°K14	16°Y 0	15°34	5°38	3°K49
S 3	18 46 12	11°37'23	13° 5	21°21	10°12	15°55	16°15	23°44	8°53	21°21	24°14	15°47	15°31	5°45	3°48
M 4	18 50 8	12°34'35	25°21	22°49	11°24	16°21	16°28	23°51	8°53	21°23	24°14	15°34	15°28	5°52	3°46
T 5	18 54 5	13°31'46	7°46	24°21	12°36	16°48	16°42	23°59	8°52	21°25	24°13	15°21	15°25	5°58	3°44
W 6	18 58 1	14°28'58	20°22	25°57	13°48	17°15	16°55	24° 6	8°51	21°27	24°13	15°12	15°22	6° 5	3°43
T 7	19 1 58	15°26'10	3°K 8	27°36	15° 0	17°42	17° 9	24°14	8°51	21°29	24°13	15° 4	15°18	6°12	3°41
F 8	19 5 54	16°23'21	16° 6	29°18	16°12	18°10	17°22	24°21	8°50	21°31	24°13	15° 0	15°15	6°18	3°39
S 9	19 9 51	17°20'34	29°19	1°4	17°24	18°37	17°36	24°28	8°50	21°33	24°12	14°58	15°12	6°25	3°38
S 10	19 13 48	18°17'46	12°Y47	2°53	18°37	19° 6	17°49	24°36	8°50	21°35	24°12	14°57	15° 9	6°32	3°36
M11	19 17 44	19°14'59	26°34	4°45	19°49	19°34	18° 3	24°43	8°49	21°38	24°12	14°57	15° 6	6°38	3°34
T 12	19 21 41	20°12'13	10°B40	6°39	21° 0	20° 3	18°16	24°50	8°49	21°40	24°11	14°56	15° 2	6°45	3°32
W13	19 25 37	21° 9'27	25° 4	8°36	22°12	20°32	18°30	24°58	8°49	21°42	24°11	14°54	14°59	6°52	3°30
T 14	19 29 34	22° 6'42	9°II44	10°36	23°24	21° 1	18°43	25° 5	8°49	21°44	24°10	14°48	14°56	6°58	3°28
F 15	19 33 30	23° 3'57	24°35	12°38	24°36	21°30	18°57	25°12	8°48	21°46	24°10	14°40	14°53	7° 5	3°26
S 16	19 37 27	24° 1'13	9°E30	14°41	25°48	22° 0	19°10	25°20	8°48	21°48	24° 9	14°30	14°50	7°12	3°24
S 17	19 41 24	24°58'29	24°18	16°46	27° 0	22°30	19°24	25°27	8°D48	21°49	24° 9	14°19	14°47	7°19	3°22
M18	19 45 20	25°55'45	8°L53	18°52	28°11	23° 0	19°37	25°34	8°48	21°51	24° 8	14° 8	14°43	7°25	3°20
T 19	19 49 17	26°53'02	23° 7	21° 0	29°23	23°31	19°51	25°41	8°49	21°53	24° 8	13°59	14°40	7°32	3°18
W20	19 53 13	27°50'19	6°II54	23° 7	0°II35	24° 1	20° 4	25°48	8°49	21°55	24° 7	13°52	14°37	7°39	3°15
T 21	19 57 10	28°47'36	20°15	25°16	1°46	24°32	20°18	25°55	8°49	21°57	24° 7	13°48	14°34	7°45	3°13
F 22	20 1 6	29°44'54	3°L10	27°24	2°58	25° 4	20°31	26° 2	8°49	21°59	24° 6	13°46	14°31	7°52	3°11
S 23	20 5 3	0°L42'11	15°42	29°32	4° 9	25°35	20°45	26° 9	8°49	22° 1	24° 5	13°D46	14°28	7°59	3° 8
S 24	20 8 59	1°39'29	27°55	1°L39	5°21	26° 7	20°58	26°16	8°50	22° 3	24° 5	13°R46	14°24	8° 5	3° 6
M25	20 12 56	2°36'48	9°M56	3°46	6°32	26°39	21°11	26°23	8°50	22° 4	24° 4	13°46	14°21	8°12	3° 4
T 26	20 16 53	3°34'07	21°49	5°51	7°43	27°11	21°25	26°29	8°51	22° 6	24° 3	13°44	14°18	8°19	3° 1
W27	20 20 49	4°31'26	3°K39	7°56	8°55	27°43	21°38	26°36	8°51	22° 8	24° 3	13°41	14°15	8°26	2°59
T 28	20 24 46	5°28'46	15°31	10° 0	10° 6	28°16	21°52	26°43	8°52	22°10	24° 2	13°34	14°12	8°32	2°56
F 29	20 28 42	6°26'06	27°29	12° 2	11°17	28°48	22° 5	26°49	8°52	22°11	24° 1	13°26	14° 8	8°39	2°53
S 30	20 32 39	7°23'27	9°Z35	14° 3	12°28	29°21	22°18	26°56	8°53	22°13	24° 0	13°16	14° 5	8°46	2°51
S 31	20 36 35	8°L20'48	21°Z52	16°L 2	13°II39	29°L54	22°E31	27°II 3	8°M54	22°II15	24°K 0	13°Y 4	14°Y 2	8°Z52	2°K48

Delta T = 141.96 sec.

AUGUST 2061

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Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
M 1	20 40 32	9°L18'10	4°K21	18°L 0	14°II50	0°M28	22°E45	27°II 9	8°M54	22°II17	23°R59	12°R53	13°Y59	8°Z59	2°R46
T 2	20 44 28	10°15'33	17° 3	19°56	16° 1	1° 1	22°58	27°15	8°55	22°18	23°K58	12°Y43	13°56	9° 6	2°K43
W 3	20 48 25	11°12'57	29°56	21°51	17°12	1°35	23°11	27°22	8°56	22°20	23°57	12°34	13°53	9°12	2°40
T 4	20 52 22	12°10'22	13°K 1	23°44	18°23	2° 9	23°24	27°28	8°57	22°21	23°56	12°28	13°49	9°19	2°38
F 5	20 56 18	13° 7'48	26°17	25°36	19°34	2°43	23°37	27°34	8°58	22°23	23°56	12°25	13°46	9°26	2°35
S 6	21 0 15	14° 5'14	9°Y44	27°26	20°45	3°17	23°50	27°41	8°59	22°25	23°55	12°D24	13°43	9°33	2°32
S 7	21 4 11	15° 2'43	23°23	29°14	21°55	3°52	24° 3	27°47	9° 0	22°26	23°54	12°24	13°40	9°39	2°29
M 8	21 8 8	16° 0'12	7°B14	1°II 1	23° 6	4°26	24°16	27°53	9° 1	22°28	23°53	12°25	13°37	9°46	2°26
T 9	21 12 4	16°57'43	21°16	2°46	24°16	5° 1	24°29	27°59	9° 2	22°29	23°52	12°R25	13°33	9°53	2°24
W10	21 16 1	17°55'15	5°II29	4°30	25°27	5°36	24°42	28° 5	9° 4	22°30	23°51	12°24	13°30	9°59	2°21
T 11	21 19 57	18°52'49	19°52	6°12	26°37	6°11	24°55	28°11	9° 5	22°32	23°50	12°20	13°27	10° 6	2°18
F 12	21 23 54	19°50'24	4°E20	7°53	27°48	6°47	25° 8	28°17	9° 6	22°33	23°49	12°15	13°24	10°13	2°15
S 13	21 27 51	20°48'01	18°50	9°32	28°58	7°22	25°21	28°22	9° 8	22°35	23°48	12° 8	13°21	10°19	2°12
S 14	21 31 47	21°45'38	3°L14	11° 9	0°L 8	7°58	25°34	28°28	9° 9	22°36	23°47	12° 0	13°18	10°26	2° 9
M15	21 35 44	22°43'18	17°28	12°45	1°18	8°34	25°46	28°34	9°10	22°37	23°46	11°52	13°14	10°33	2° 6
T 16	21 39 40	23°40'58	1°II25	14°20	2°28	9°10	25°59	28°39	9°12	22°39	23°45	11°45	13°11	10°40	2° 3
W17	21 43 37	24°38'39	15° 1	15°53	3°38	9°46	26°12	28°45	9°14	22°40	23°44	11°41	13° 8	10°46	2° 0
T 18	21 47 33	25°36'22	28°15	17°24	4°48	10°23	26°24	28°50	9°15	22°41	23°43	11°38	13° 5	10°53	1°57
F 19	21 51 30	26°34'05	11°L 7	18°54	5°58	10°59	26°37	28°56	9°17	22°42	23°42	11°D37	13° 2	11° 0	1°54
S 20	21 55 26	27°31'50	23°39	20°22	7° 8	11°36	26°49	29° 1	9°19	22°44	23°41	11°37	12°59	11° 6	1°51
S 21	21 59 23	28°29'36	5°M53	21°49	8°18	12°13	27° 2	29° 6	9°20	22°45	23°40	11°39	12°55	11°13	1°48
M22	22 3 20	29°27'23	17°56	23°15	9°27	12°50	27°14	29°11	9°22	22°46	23°39	11°40	12°52	11°20	1°45
T 23	22 7 16	0°II25'12	29°50	24°38	10°37	13°27	27°26	29°17	9°24	22°47	23°38	11°R41	12°49	11°26	1°42
W24	22 11 13	1°23'01	11°K42	26° 0	11°46	14° 4	27°39	29°22	9°26	22°48	23°37	11°40	12°46	11°33	1°40
T 25	22 15 9	2°20'52	23°35	27°21	12°56	14°42	27°51	29°26	9°28	22°49	23°35	11°38	12°43	11°40	1°37
F 26	22 19 6	3°18'44	5°Z36	28°40	14° 5	15°19	28° 3	29°31	9°30	22°50	23°34	11°34	12°39	11°47	1°34
S 27	22 23 2	4°16'37	17°47	29°57	15°14	15°57	28°15	29°36	9°32	22°51	23°33	11°29	12°36	11°53	1°31
S 28	22 26 59	5°14'32	0°K12	1°L12	16°23	16°35	28°27	29°41	9°34	22°52	23°32	11°23	12°33	12° 0	1°28
M29	22 30 55	6°12'28	12°52	2°25	17°32	17°13	28°39	29°45	9°36	22°53	23°31	11°17	12°30	12° 7	1°25
T 30	22 34 52	7°10'25	25°49	3°37	18°41	17°51	28°51	29°50	9°38	22°54	23°30	11°11	12°27	12°13	1°22
W31	22 38 49	8°II 8'24	9°K 1	4°L46	19°L50	18°M29	29°E 3	29°II54	9°M40	22°II55	23°K29	11°Y 7	12°Y24	12°Z20	1°K19

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SWISS EPHEMERIS for the year 2061

SEPTEMBER 2061

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

Delta T = 142.27 sec.

OCTOBER 2061

00:00 UT

Day	Sid.t	☉	☾	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
S 1	0 41 2	8♂21'05	29♂37	7♂R59	24♂21	9♂18	4♂30	1♂26	11♂ 8	23♂ R 5	22♂R51	10♂51	10♂45	15♂48	29♂R57
S 2	0 44 58	9°20'03	14♂ 5	6♂53	25°25	10° 0	4°39	1°27	11°11	23♂ 5	22♂50	10°51	10°42	15°55	29♂55
M 3	0 48 55	10°19'04	28°35	5°49	26°29	10°43	4°47	1°28	11°14	23° 5	22°49	10°51	10°39	16° 1	29°53
T 4	0 52 51	11°18'06	13♂ 4	4°51	27°33	11°25	4°56	1°29	11°18	23° 4	22°48	10°R51	10°36	16° 8	29°51
W 5	0 56 48	12°17'11	27°27	3°59	28°36	12° 7	5° 5	1°30	11°21	23° 4	22°47	10°51	10°32	16°15	29°49
T 6	1 0 44	13°16'18	11♂40	3°15	29°39	12°50	5°13	1°31	11°24	23° 4	22°45	10°D51	10°29	16°22	29°47
F 7	1 4 41	14°15'28	25°41	2°40	0♂42	13°32	5°22	1°32	11°28	23° 3	22°44	10°51	10°26	16°28	29°46
S 8	1 8 38	15°14'40	9♂29	2°15	1°45	14°15	5°30	1°32	11°31	23° 3	22°43	10°52	10°23	16°35	29°44
S 9	1 12 34	16°13'54	23° 3	2° 1	2°47	14°58	5°38	1°33	11°35	23° 2	22°42	10°52	10°20	16°42	29°42
M10	1 16 31	17°13'10	6♂23	1°D57	3°49	15°40	5°46	1°33	11°38	23° 2	22°41	10°53	10°16	16°48	29°40
T 11	1 20 27	18°12'29	19°30	2° 4	4°51	16°23	5°54	1°34	11°42	23° 2	22°40	10°53	10°13	16°55	29°39
W12	1 24 24	19°11'49	2♂23	2°22	5°52	17° 6	6° 1	1°34	11°45	23° 1	22°39	10°54	10°10	17° 2	29°37
T 13	1 28 20	20°11'12	15° 3	2°50	6°54	17°50	6° 9	1°R34	11°49	23° 0	22°38	10°R54	10° 7	17° 8	29°35
F 14	1 32 17	21°10'37	27°31	3°27	7°55	18°33	6°16	1°34	11°52	23° 0	22°37	10°53	10° 4	17°15	29°34
S 15	1 36 13	22°10'04	9♂48	4°13	8°55	19°16	6°23	1°34	11°56	22°59	22°36	10°52	10° 1	17°22	29°32
S 16	1 40 10	23° 9'33	21°55	5° 7	9°55	19°59	6°31	1°34	12° 0	22°59	22°35	10°51	9°57	17°29	29°31
M17	1 44 6	24° 9'04	3♂53	6° 8	10°55	20°43	6°38	1°33	12° 3	22°58	22°34	10°49	9°54	17°35	29°30
T 18	1 48 3	25° 8'36	15°46	7°15	11°55	21°26	6°44	1°33	12° 7	22°57	22°33	10°47	9°51	17°42	29°28
W19	1 52 0	26° 8'11	27°37	8°29	12°54	22°10	6°51	1°32	12°10	22°56	22°32	10°45	9°48	17°49	29°27
T 20	1 55 56	27° 7'47	9♂30	9°47	13°52	22°54	6°58	1°31	12°14	22°56	22°31	10°43	9°45	17°55	29°26
F 21	1 59 53	28° 7'25	21°28	11° 9	14°51	23°38	7° 4	1°31	12°18	22°55	22°30	10°42	9°42	18° 2	29°25
S 22	2 3 49	29° 7'05	3♂36	12°35	15°49	24°22	7°10	1°30	12°21	22°54	22°29	10°D42	9°38	18° 9	29°24
S 23	2 7 46	0♂ 6'47	15°59	14° 4	16°46	25° 6	7°16	1°29	12°25	22°53	22°28	10°43	9°35	18°16	29°23
M24	2 11 42	1° 6'30	28°42	15°35	17°43	25°50	7°22	1°28	12°29	22°52	22°27	10°44	9°32	18°22	29°22
T 25	2 15 39	2° 6'15	11♂47	17° 8	18°39	26°34	7°28	1°26	12°32	22°51	22°26	10°46	9°29	18°29	29°21
W26	2 19 35	3° 6'01	25°18	18°43	19°35	27°18	7°33	1°25	12°36	22°50	22°25	10°47	9°26	18°36	29°20
T 27	2 23 32	4° 5'49	9♂15	20°20	20°31	28° 2	7°39	1°24	12°40	22°49	22°24	10°R48	9°22	18°42	29°19
F 28	2 27 29	5° 5'39	23°36	21°57	21°25	28°46	7°44	1°22	12°44	22°48	22°23	10°47	9°19	18°49	29°18
S 29	2 31 25	6° 5'31	8♂17	23°35	22°20	29°31	7°49	1°20	12°47	22°47	22°23	10°45	9°16	18°56	29°18
S 30	2 35 22	7° 5'25	23°11	25°14	23°13	0♂15	7°54	1°19	12°51	22°46	22°22	10°42	9°13	19° 3	29°17
M31	2 39 18	8♂ 5'22	8♂10	26♂53	24♂ 7	1♂ 0	7♂59	1♂17	12♂55	22♂45	22♂21	10♂39	9♂10	19♂ 9	29♂17

SWISS EPHEMERIS for the year 2061

NOVEMBER 2061

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

Delta T = 142.57 sec.

DECEMBER 2061

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Day	Sid.t	☉	☾	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
T 1	4 41 32	9♂18'10	1♂46	16♂35	13♂20	24♂32	8°R55	29°R33	14♂49	22°R 1	22°R 7	8°R49	7°P31	22♂38	29♂30
F 2	4 45 28	10°18'58	16° 4	18° 9	13°33	25°18	8♂54	29♂29	14°53	22♂ 0	22♂ 6	8°P44	7°28	22°44	29°31
S 3	4 49 25	11°19'47	29°53	19°42	13°43	26° 4	8°52	29°24	14°56	21°58	22° 6	8°41	7°25	22°51	29°33
S 4	4 53 21	12°20'37	13♂16	21°15	13°51	26°51	8°51	29°20	15° 0	21°56	22° 6	8°D41	7°22	22°58	29°34
M 5	4 57 18	13°21'29	26°14	22°48	13°57	27°37	8°49	29°15	15° 3	21°55	22° 6	8°41	7°19	23° 4	29°36
T 6	5 1 14	14°22'22	8♂52	24°21	14° 1	28°24	8°47	29°10	15° 6	21°53	22°D 6	8°R42	7°15	23°11	29°37
W 7	5 5 11	15°23'17	21°14	25°54	14°R 3	29°10	8°44	29° 6	15°10	21°51	22° 6	8°41	7°12	23°18	29°39
T 8	5 9 8	16°24'13	3♂24	27°26	14° 2	29°57	8°42	29° 1	15°13	21°50	22° 6	8°38	7° 9	23°25	29°41
F 9	5 13 4	17°25'10	15°26	28°59	13°58	0♂44	8°39	28°56	15°17	21°48	22° 6	8°32	7° 6	23°31	29°42
S 10	5 17 1	18°26'08	27°22	0♂32	13°52	1°30	8°36	28°51	15°20	21°46	22° 7	8°23	7° 3	23°38	29°44
S 11	5 20 57	19°27'07	9♂16	2° 4	13°44	2°17	8°33	28°47	15°23	21°45	22° 7	8°12	7° 0	23°45	29°46
M 12	5 24 54	20°28'07	21° 8	3°36	13°33	3° 4	8°30	28°42	15°26	21°43	22° 7	7°58	6°56	23°51	29°48
T 13	5 28 50	21°29'08	3♂ 0	5° 8	13°19	3°50	8°26	28°37	15°30	21°41	22° 7	7°44	6°53	23°58	29°50
W 14	5 32 47	22°30'10	14°53	6°40	13° 4	4°37	8°23	28°32	15°33	21°39	22° 7	7°30	6°50	24° 5	29°52
T 15	5 36 43	23°31'12	26°49	8°11	12°45	5°24	8°19	28°27	15°36	21°38	22° 7	7°17	6°47	24°12	29°54
F 16	5 40 40	24°32'15	8♂49	9°42	12°25	6°11	8°15	28°22	15°39	21°36	22° 8	7° 6	6°44	24°18	29°57
S 17	5 44 37	25°33'18	20°56	11°13	12° 2	6°57	8°11	28°17	15°42	21°34	22° 8	6°59	6°40	24°25	29°59
S 18	5 48 33	26°34'22	3♂14	12°43	11°37	7°44	8° 7	28°12	15°45	21°33	22° 8	6°54	6°37	24°32	0♂ 1
M 19	5 52 30	27°35'27	15°47	14°12	11°10	8°31	8° 2	28° 7	15°48	21°31	22° 8	6°52	6°34	24°39	0° 3
T 20	5 56 26	28°36'31	28°38	15°40	10°41	9°18	7°57	28° 2	15°51	21°29	22° 9	6°52	6°31	24°45	0° 6
W 21	6 0 23	29°37'36	11°P52	17° 7	10°11	10° 5	7°52	27°57	15°54	21°28	22° 9	6°52	6°28	24°52	0° 8
T 22	6 4 19	0♂38'41	25°33	18°32	9°38	10°52	7°47	27°52	15°57	21°26	22°10	6°51	6°25	24°59	0°11
F 23	6 8 16	1°39'46	9♂42	19°56	9° 5	11°39	7°42	27°47	16° 0	21°24	22°10	6°48	6°21	25° 5	0°13
S 24	6 12 13	2°40'52	24°19	21°18	8°30	12°26	7°37	27°43	16° 3	21°23	22°10	6°42	6°18	25°12	0°16
S 25	6 16 9	3°41'58	9♂20	22°38	7°55	13°13	7°31	27°38	16° 6	21°21	22°11	6°34	6°15	25°19	0°18
M 26	6 20 6	4°43'04	24°38	23°55	7°19	14° 0	7°26	27°33	16° 9	21°19	22°11	6°23	6°12	25°26	0°21
T 27	6 24 2	5°44'10	10♂ 0	25° 9	6°42	14°47	7°20	27°28	16°12	21°18	22°12	6°11	6° 9	25°32	0°24
W 28	6 27 59	6°45'17	25°15	26°19	6° 5	15°34	7°14	27°23	16°14	21°16	22°12	6° 0	6° 6	25°39	0°26
T 29	6 31 55	7°46'24	10♂12	27°25	5°29	16°21	7° 8	27°18	16°17	21°14	22°13	5°50	6° 2	25°46	0°29
F 30	6 35 52	8°47'31	24°44	28°26	4°52	17° 8	7° 2	27°13	16°20	21°13	22°14	5°43	5°59	25°52	0°32
S 31	6 39 49	9♂48'39	8♂46	29♂22	4♂17	17♂55	6♂55	27♂ 9	16♂22	21♂11	22♂14	5°P38	5°P56	25♂59	0♂35