

Day	Sid.t	☉	☽	♀	♁	♂	♃	♄	♅	♆	♇	♈	♉	♊	♋	♌	♍
T 1	6 41 26	10°15'24	12°02'22	23°17'51	23°18'30	29°14'56	11°17'46	11°18'23	28°16'37	14°05'05	20°16'36	26°18'52	27°02'34	16°18'22	28°14'08		
W 2	6 45 22	11°16'34	25°15'15	25°19'05	24°29'04	0°17'36	11°59'11	11°30'28	28°16'37	14°06'06	20°16'38	26°18'50	27°02'31	16°18'28	28°14'09		
T 3	6 49 19	12°17'45	7°17'53	26°48'25	25°28'28	1°17'17	12°11'12	11°30'28	28°16'36	14°07'07	20°16'40	26°18'48	27°02'28	16°18'35	28°14'11		
F 4	6 53 15	13°18'55	20°20'20	28°17'26	26°28'19	1°57'05	12°24'11	11°44'28	28°16'36	14°09'09	20°16'42	26°18'46	27°02'25	16°18'42	28°14'12		
S 5	6 57 12	14°20'06	2°28'35	29°46'29	27°29'38	2°38'38	12°36'11	11°51'28	28°16'36	14°10'10	20°16'44	26°18'44	27°02'21	16°18'48	28°14'13		
S 6	7 1 8	15°21'17	14°41'16	1°38'16	28°30'30	3°18'18	12°49'11	11°58'28	28°16'36	14°11'11	20°16'46	26°18'43	27°02'18	16°18'55	28°14'15		
M 7	7 5 5	16°22'28	26°39'26	2°47'29	29°31'35	3°58'13	13°01'12	12°05'28	28°16'36	14°13'13	20°16'48	26°18'43	27°02'15	17°02'28	28°14'16		
T 8	7 9 2	17°23'39	8°18'33	4°18'07	30°33'43	4°39'13	13°13'13	12°12'28	28°16'36	14°14'14	20°16'50	26°18'43	27°02'12	17°02'38	28°14'18		
W 9	7 12 58	18°24'49	20°19'31	5°49'13	5°49'13	5°19'13	13°25'12	12°19'28	28°16'36	14°16'16	20°16'52	26°18'44	27°02'09	17°02'58	28°14'20		
T 10	7 16 55	19°25'59	2°18'36	7°21'23	2°37'06	6°00'13	13°37'12	12°26'28	28°16'36	14°17'17	20°16'54	26°18'45	27°02'05	17°02'22	28°14'21		
F 11	7 20 51	20°27'09	13°55'55	8°53'34	3°40'06	6°41'13	13°50'12	12°33'28	28°16'36	14°19'19	20°16'56	26°18'45	27°02'02	17°02'28	28°14'23		
S 12	7 24 48	21°28'18	25°51'10	10°26'43	4°43'07	7°21'14	14°02'12	12°40'28	28°16'37	14°20'20	20°16'58	26°18'46	26°59'17	17°02'35	28°14'25		
S 13	7 28 44	22°29'26	7°17'56	11°59'05	5°46'08	8°02'14	14°14'25	12°55'28	28°16'37	14°22'22	21°02'00	26°18'46	26°56'17	17°02'42	28°14'27		
M14	7 32 41	23°30'34	20°16'20	13°32'06	6°50'08	8°42'14	14°25'25	13°02'28	28°16'37	14°23'23	21°02'02	26°18'47	26°53'17	17°02'48	28°14'28		
T 15	7 36 37	24°31'42	2°28'55	15°06'07	7°54'09	9°23'14	14°37'13	13°02'28	28°16'38	14°25'25	21°02'04	26°18'47	26°50'17	17°02'55	28°14'30		
W16	7 40 34	25°32'48	15°57'16	16°41'08	8°58'10	10°03'14	14°49'13	13°09'28	28°16'38	14°26'26	21°02'06	26°18'46	26°46'18	17°02'52	28°14'32		
T 17	7 44 31	26°33'54	29°26'18	18°16'10	10°03'14	10°44'15	15°01'13	13°15'28	28°16'39	14°28'28	21°02'08	26°18'46	26°43'18	17°02'58	28°14'34		
F 18	7 48 27	27°34'59	13°11'21	19°51'11	11°08'11	11°25'15	15°12'13	13°22'28	28°16'39	14°30'30	21°02'10	26°18'46	26°40'18	17°02'58	28°14'36		
S 19	7 52 24	28°36'04	27°44'21	21°28'12	12°13'12	12°05'15	15°24'13	13°29'28	28°16'40	14°32'32	21°02'12	26°18'47	26°37'18	17°02'58	28°14'38		
S 20	7 56 20	29°37'07	12°29'23	23°04'13	13°18'12	12°46'15	15°35'13	13°36'28	28°16'41	14°33'33	21°02'14	26°18'47	26°34'18	17°02'58	28°14'41		
M21	8 0 17	0°18'38	10°27'32	24°41'14	14°24'13	13°27'15	15°47'13	13°43'28	28°16'41	14°35'35	21°02'16	26°18'47	26°31'18	17°02'58	28°14'43		
T 22	8 4 13	1°39'13	12°12'43	26°19'15	15°29'14	14°07'15	15°58'13	13°50'28	28°16'42	14°37'37	21°02'18	26°18'47	26°27'18	17°02'58	28°14'45		
W23	8 8 10	2°40'14	27°53'27	27°57'16	16°36'14	14°48'16	16°09'13	13°57'28	28°16'43	14°39'39	21°02'20	26°18'46	26°24'18	17°02'58	28°14'47		
T 24	8 12 6	3°41'16	12°17'52	29°36'17	17°42'15	15°29'16	16°20'14	14°04'28	28°16'44	14°40'40	21°02'22	26°18'46	26°21'18	17°02'58	28°14'49		
F 25	8 16 3	4°42'16	27°34'15	18°15'18	18°48'16	16°09'16	16°31'14	14°11'28	28°16'45	14°42'42	21°02'24	26°18'45	26°18'19	17°02'58	28°14'52		
S 26	8 20 0	5°43'16	11°15'52	2°55'19	19°55'16	16°50'16	16°42'14	14°17'28	28°16'46	14°44'44	21°02'26	26°18'44	26°15'19	17°02'58	28°14'54		
S 27	8 23 56	6°44'15	25°45'43	4°36'21	2°02'17	17°30'16	16°53'14	14°24'28	28°16'47	14°46'46	21°02'28	26°18'43	26°11'19	17°02'58	28°14'57		
M28	8 27 53	7°45'14	9°11'26	6°17'22	2°02'17	18°11'17	17°04'14	14°31'28	28°16'48	14°48'48	21°02'30	26°18'43	26°08'19	17°02'58	28°14'59		
T 29	8 31 49	8°46'12	22°15'75	7°59'23	1°17'23	18°52'17	17°15'14	14°38'28	28°16'49	14°50'50	21°02'32	26°18'43	26°05'19	17°02'58	28°15'02		
W30	8 35 46	9°47'10	4°17'58	9°42'24	2°24'19	19°32'17	17°25'14	14°44'28	28°16'50	14°52'52	21°02'34	26°18'44	26°02'19	17°02'58	28°15'04		
T 31	8 39 42	10°48'07	17°17'24	11°25'25	25°17'32	20°13'17	17°36'14	14°51'28	28°16'51	14°54'54	21°02'36	26°18'45	25°59'19	17°02'58	28°15'07		

Day	☉	☽	♀	♁	♂	♃	♄	♅	♆	♇	♈	♉	♊	♋	♌	♍	♎
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
T 1	23s 2	10s 42	5n 5	23s 10	0n 7	15s 19	3n 26	0s 18	0s 18	21s 34	0n 38	22s 28	0n 29	10n 29	0s 32	7s 9	0s 58
W 2	22s 57	14s 34	4s 38	23s 21	0s 0	15s 33	3s 27	0s 1	0s 17	21s 36	0s 38	22s 27	0s 29	10n 29	0s 32	7s 9	0s 58
T 3	22s 52	17s 42	3s 59	23s 31	0s 7	15s 47	3s 27	0n 17	0s 15	21s 38	0s 38	22s 27	0s 29	10n 29	0s 32	7s 8	0s 58
F 4	22s 46	19s 57	3s 8	23s 40	0s 15	16s 10	3s 27	0s 34	0s 14	21s 39	0s 38	22s 26	0s 29	10n 29	0s 32	7s 8	0s 58
S 5	22s 40	21s 15	2s 10	23s 48	0s 22	16s 14	3s 27	0s 51	0s 13	21s 41	0s 38	22s 26	0s 29	10n 29	0s 32	7s 7	0s 58
S 6	22s 33	21s 32	1s 6	23s 54	0s 29	16s 28	3s 27	1s 8	0s 11	21s 43	0s 38	22s 25	0s 29	10n 29	0s 32	7s 7	0s 58
M 7	22s 26	20s 49	0s 0	24s 0	0s 35	16s 41	3s 26	1s 26	0s 10	21s 44	0s 38	22s 25	0s 29	10n 29	0s 32	7s 6	0s 58
T 8	22s 18	19s 11	1s 5	24s 4	0s 42	16s 55	3s 25	1s 43	0s 9	21s 46	0s 38	22s 24	0s 29	10n 29	0s 32	7s 6	0s 58
W 9	22s 10	16s 44	2s 7	24s 8	0s 48	17s 8	3s 25	2s 0	0s 7	21s 47	0s 37	22s 24	0s 28	10n 29	0s 32	7s 5	0s 58
T 10	22s 2	13s 36	3s 4	24s 8	0s 55	17s 21	3s 24	2s 17	0s 6	21s 49	0s 37	22s 23	0s 28	10n 29	0s 32	7s 5	0s 58
F 11	21s 53	9s 55	3s 5	24s 9	1s 1	17s 34	3s 23	2s 34	0s 5	21s 50	0s 37	22s 22	0s 28	10n 29	0s 32	7s 4	0s 58
S 12	21s 43	5s 50	4s 3	24s 8	1s 6	17s 46	3s 22	2s 52	0s 4	21s 52	0s 37	22s 22	0s 28	10n 29	0s 32	7s 3	0s 58
S 13	21s 34	1s 28	5s 1	24s 6	1s 12	17s 59	3s 20	3s 9	0s 3	21s 53	0s 37	22s 21	0s 28	10n 29	0s 32	7s 3	0s 58
M14	21s 23	3n 2	5s 16	24s 2	1s 17	18s 11	3s 19	3s 26	0s 1	21s 54	0s 37	22s 21	0s 28	10n 29	0s 32	7s 2	0s 58
T 15	21s 13	7s 31	5s 16	23s 7	1s 23	18s 33	3s 17	3s 43	0s 0	21s 56	0s 37	22s 20	0s 28	10n 30	0s 32	7s 2	0s 58
W16	21s 2	11s 49	5s 1	23s 50	1s 27	18s 34	3s 16	4s 0	0n 1	21s 57	0s 37	22s 19	0s 28	10n 30	0s 31	7s 1	0s 58
T 17	20s 50	15s 40	4s 28	23s 43	1s 32	18s 45	3s 14	4s 17	0s 2	21s 58	0s 37	22s 19	0s 28	10n 30	0s 31	7s 0	0s 58
F 18	20s 38	18s 47	3s 39	23s 33	1s 36	18s 56	3s 12	4s 34	0s 3	22s 0	0s 37	22s 18	0s 28	10n 30	0s 31	7s 0	0s 58
S 19	20s 26	20s 50	2s 35	23s 23	1s 41	19s 7	3s 10	4s 51	0s 4	22s 1	0s 37	22s 17	0s 28	10n 31	0s 31	6s 59	0s 58
S 20	20s 14	21s 33	1s 19	23s 11	1s 44	19s 17	3s 8	5s 7	0s 5	22s 2	0s 37	22s 17	0s 28	10n 31	0s 31	6s 58	0s 58
M21	20s 1	20s 43	0n 4	22s 57	1s 48	19s 27	3s 5	5s 24	0s 6	22s 3	0s 37	22s 16	0s 28	10n 31	0s 31	6s 58	0s 58
T 22	19s 47	18s 23	1s 28	22s 42	1s 51	19s 37	3s 3	5s 41	0s 8	22s 5	0s 37	22s 16	0s 28	10n 31	0s 31	6s 57	0s 58
W23	19s 34	14s 47	2s 45	22s 26	1s 54	19s 46	3s 1	5s 58	0s 9	22s 6	0s 37	22s 15	0s 28	10n 32	0s 31	6s 56	0s 58
T 24	19s 20	10s 15	3s 49	22s 8	1s 57	19s 55	2s 58	6s 14	0s 10	22s 7	0s 37	22s 14	0s 28	10n 32	0s 31	6s 55	0s 58
F 25	19s 5	5s 13	4s 38	21s 49	1s 59	20s 3	2s 55	6s 31	0s 11	22s 8	0s 37	22s 14	0s 27	10n 32	0s 31	6s 55	0s 58
S 26	18s 50	0s 1	5s 7	21s 28	2s 1	20s 11	2s 53	6s 48	0s 12	22s 9	0s 37	22s 13	0s 27	10n 33	0s 31	6s 54	0s 58
S 27	18s 35	5s 1	5s 18	21s 6	2s 3	20s 18	2s 50	7s 4	0s 13	22s 10	0s 37	22s 12	0s 27	10n 33	0s 31	6s 53	0s 58
M28	18s 20	9s 39	5s 10	20s 42	2s 4	20s 25	2s 47	7s 20	0s 14	22s 11	0s 37	22s 12	0s 27	10n 34	0s 31	6s 52	0s 58
T 29	18s 4	13s 42	4s 47	20s 16	2s 5	20s 32	2s 44	7s 37	0s 15	22s 12	0s 37	22s 11	0s 27	10n 34	0s 31	6s 52	0s 58

SWISS EPHEMERIS for the year 2019

FEBRUARY 2019

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
F 1	8 43 39	11 ^h 49'04"	29 ^h 36'	13 ^h 09'	26 ^h 40'	20 ^h 54'	17 ^h 46'	14 ^h 57'	28 ^h 52'	14 ^h 56'	21 ^h 38'	26 ^h 47'	25 ^h 56'	19 ^h 48'	29 ^h 09'		
S 2	8 47 35	12 ^h 49'59"	11 ^h 38'	14 ^h 54'	27 ^h 48'	21 ^h 34'	17 ^h 56'	15 ^h 04'	28 ^h 54'	14 ^h 58'	21 ^h 40'	26 ^h 48'	25 ^h 52'	19 ^h 55'	29 ^h 12'		
S 3	8 51 32	13 ^h 50'54"	23 ^h 33'	16 ^h 39'	28 ^h 56'	22 ^h 15'	18 ^h 07'	15 ^h 11'	28 ^h 55'	15 ^h 00'	21 ^h 42'	26 ^h R49	25 ^h 49'	20 ^h 01'	29 ^h 15'		
M 4	8 55 29	14 ^h 51'47"	5 ^h 24'	18 ^h 25'	0 ^h 4	22 ^h 56'	18 ^h 17'	15 ^h 17'	28 ^h 57'	15 ^h 02'	21 ^h 43'	26 ^h 48'	25 ^h 46'	20 ^h 08'	29 ^h 17'		
T 5	8 59 25	15 ^h 52'39"	17 ^h 12'	20 ^h 12'	1 ^h 13'	23 ^h 36'	18 ^h 27'	15 ^h 24'	28 ^h 58'	15 ^h 04'	21 ^h 45'	26 ^h 47'	25 ^h 43'	20 ^h 15'	29 ^h 20'		
W 6	9 3 22	16 ^h 53'31"	29 ^h 00'	21 ^h 59'	2 ^h 21'	24 ^h 17'	18 ^h 37'	15 ^h 30'	28 ^h 59'	15 ^h 06'	21 ^h 47'	26 ^h 45'	25 ^h 40'	20 ^h 21'	29 ^h 23'		
T 7	9 7 18	17 ^h 54'21"	10 ^h 45'	23 ^h 46'	3 ^h 30'	24 ^h 57'	18 ^h 47'	15 ^h 36'	29 ^h 01'	15 ^h 08'	21 ^h 49'	26 ^h 42'	25 ^h 37'	20 ^h 28'	29 ^h 26'		
F 8	9 11 15	18 ^h 55'09"	22 ^h 44'	25 ^h 34'	4 ^h 39'	25 ^h 38'	18 ^h 56'	15 ^h 43'	29 ^h 03'	15 ^h 10'	21 ^h 51'	26 ^h 38'	25 ^h 33'	20 ^h 35'	29 ^h 29'		
S 9	9 15 11	19 ^h 55'56"	4 ^h 44'	27 ^h 22'	5 ^h 48'	26 ^h 19'	19 ^h 06'	15 ^h 49'	29 ^h 04'	15 ^h 12'	21 ^h 53'	26 ^h 34'	25 ^h 30'	20 ^h 41'	29 ^h 32'		
S 10	9 19 8	20 ^h 56'42"	16 ^h 53'	29 ^h 11'	6 ^h 57'	26 ^h 59'	19 ^h 15'	15 ^h 55'	29 ^h 06'	15 ^h 14'	21 ^h 55'	26 ^h 30'	25 ^h 27'	20 ^h 48'	29 ^h 34'		
M11	9 23 4	21 ^h 57'26"	29 ^h 14'	1 ^h 0	8 ^h 07'	27 ^h 40'	19 ^h 25'	16 ^h 01'	29 ^h 08'	15 ^h 16'	21 ^h 56'	26 ^h 27'	25 ^h 24'	20 ^h 55'	29 ^h 37'		
T 12	9 27 1	22 ^h 58'09"	11 ^h 51'	2 ^h 48'	9 ^h 16'	28 ^h 21'	19 ^h 34'	16 ^h 08'	29 ^h 09'	15 ^h 18'	21 ^h 58'	26 ^h 25'	25 ^h 21'	21 ^h 01'	29 ^h 40'		
W13	9 30 58	23 ^h 58'50"	24 ^h 46'	4 ^h 36'	10 ^h 25'	29 ^h 01'	19 ^h 43'	16 ^h 14'	29 ^h 11'	15 ^h 20'	22 ^h 00'	26 ^h D25	25 ^h 17'	21 ^h 08'	29 ^h 43'		
T 14	9 34 54	24 ^h 59'30"	8 ^h 14'	6 ^h 24'	11 ^h 35'	29 ^h 42'	19 ^h 52'	16 ^h 20'	29 ^h 13'	15 ^h 23'	22 ^h 02'	26 ^h 25'	25 ^h 14'	21 ^h 15'	29 ^h 46'		
F 15	9 38 51	26 ^h 0'07"	21 ^h 46'	8 ^h 12'	12 ^h 45'	0 ^h 22'	20 ^h 01'	16 ^h 26'	29 ^h 15'	15 ^h 25'	22 ^h 04'	26 ^h 27'	25 ^h 11'	21 ^h 21'	29 ^h 49'		
S 16	9 42 47	27 ^h 0'43"	5 ^h 55'	9 ^h 58'	13 ^h 55'	1 ^h 03'	20 ^h 10'	16 ^h 32'	29 ^h 17'	15 ^h 27'	22 ^h 05'	26 ^h 28'	25 ^h 08'	21 ^h 28'	29 ^h 53'		
S 17	9 46 44	28 ^h 1'18"	20 ^h 29'	11 ^h 43'	15 ^h 04'	1 ^h 43'	20 ^h 19'	16 ^h 38'	29 ^h 19'	15 ^h 29'	22 ^h 07'	26 ^h R29	25 ^h 05'	21 ^h 35'	29 ^h 56'		
M18	9 50 40	29 ^h 1'50"	5 ^h 25'	13 ^h 26'	16 ^h 14'	2 ^h 24'	20 ^h 27'	16 ^h 44'	29 ^h 21'	15 ^h 31'	22 ^h 09'	26 ^h 29'	25 ^h 02'	21 ^h 41'	29 ^h 59'		
T 19	9 54 37	0 ^h 2'21"	20 ^h 36'	15 ^h 07'	17 ^h 25'	3 ^h 04'	20 ^h 35'	16 ^h 49'	29 ^h 23'	15 ^h 34'	22 ^h 10'	26 ^h 27'	24 ^h 58'	21 ^h 48'	0 ^h Y 2		
W20	9 58 33	1 ^h 2'51"	5 ^h 52'	16 ^h 45'	18 ^h 35'	3 ^h 45'	20 ^h 44'	16 ^h 55'	29 ^h 25'	15 ^h 36'	22 ^h 12'	26 ^h 24'	24 ^h 55'	21 ^h 55'	0 ^h 5		
T 21	10 2 30	2 ^h 3'18"	21 ^h 04'	18 ^h 20'	19 ^h 45'	4 ^h 25'	20 ^h 52'	17 ^h 01'	29 ^h 27'	15 ^h 38'	22 ^h 14'	26 ^h 19'	24 ^h 52'	22 ^h 01'	0 ^h 8		
F 22	10 6 27	3 ^h 3'44"	6 ^h 1	19 ^h 52'	20 ^h 55'	5 ^h 06'	21 ^h 00'	17 ^h 06'	29 ^h 30'	15 ^h 40'	22 ^h 15'	26 ^h 14'	24 ^h 49'	22 ^h 08'	0 ^h 12		
S 23	10 10 23	4 ^h 4'09"	20 ^h 35'	21 ^h 19'	22 ^h 06'	5 ^h 46'	21 ^h 08'	17 ^h 12'	29 ^h 32'	15 ^h 42'	22 ^h 17'	26 ^h 08'	24 ^h 46'	22 ^h 15'	0 ^h 15		
S 24	10 14 20	5 ^h 4'33"	4 ^h 14'	22 ^h 41'	23 ^h 16'	6 ^h 26'	21 ^h 16'	17 ^h 18'	29 ^h 34'	15 ^h 45'	22 ^h 19'	26 ^h 03'	24 ^h 42'	22 ^h 21'	0 ^h 18		
M25	10 18 16	6 ^h 4'55"	18 ^h 18'	23 ^h 57'	24 ^h 27'	7 ^h 07'	21 ^h 23'	17 ^h 23'	29 ^h 37'	15 ^h 47'	22 ^h 20'	26 ^h 00'	24 ^h 39'	22 ^h 28'	0 ^h 21		
T 26	10 22 13	7 ^h 5'15"	1 ^h 27'	25 ^h 07'	25 ^h 38'	7 ^h 47'	21 ^h 31'	17 ^h 29'	29 ^h 39'	15 ^h 49'	22 ^h 22'	25 ^h D58	24 ^h 36'	22 ^h 35'	0 ^h 25		
W27	10 26 9	8 ^h 5'35"	14 ^h 10'	26 ^h 10'	26 ^h 49'	8 ^h 28'	21 ^h 38'	17 ^h 34'	29 ^h 41'	15 ^h 51'	22 ^h 23'	25 ^h 58'	24 ^h 33'	22 ^h 41'	0 ^h 28		
T 28	10 30 6	9 ^h 5'52"	26 ^h 33'	27 ^h 06'	27 ^h 59'	9 ^h 08'	21 ^h 45'	17 ^h 39'	29 ^h Y44	15 ^h 54'	22 ^h 25'	25 ^h 59'	24 ^h 30'	22 ^h 48'	0 ^h Y31		

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂							
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat							
F 1	17s15	21s 1	2n25	18s51	2s 5	20s49	2n35	8n25	0n17	22s15	0n37	22s 9	0n27	10n35	0s31	6s49	0s58	21s51	0s 9	20n48	20n58	16s51	2n35	3n10
S 2	16 57	21 33	1 23	18 20	2 4	20 54	2 31	8 42	0 18	22 16	0 37	22 8	0 27	10 36	0 31	6 49	0 58	21 51	0 9	20 48	20 58	16 50	2 35	3 10
S 3	16 40	21 5	0 18	17 47	2 2	20 58	2 28	8 58	0 19	22 17	0 37	22 8	0 27	10 36	0 31	6 48	0 58	21 50	0 9	20 47	20 59	16 49	2 36	3 10
M 4	16 22	19 41	0s47	17 13	2 0	21 1	2 25	9 14	0 20	22 18	0 37	22 7	0 27	10 37	0 31	6 47	0 58	21 50	0 9	20 48	20 59	16 47	2 37	3 10
T 5	16 4	17 26	1 50	16 37	1 58	21 4	2 21	9 29	0 21	22 19	0 37	22 6	0 27	10 37	0 31	6 46	0 58	21 50	0 9	20 48	21 0	16 46	2 38	3 10
W 6	15 46	14 27	2 49	16 0	1 55	21 7	2 18	9 45	0 22	22 20	0 37	22 5	0 27	10 38	0 31	6 46	0 58	21 50	0 10	20 48	21 0	16 45	2 39	3 10
T 7	15 28	10 53	3 40	15 21	1 52	21 9	2 14	10 1	0 23	22 21	0 37	22 5	0 27	10 39	0 31	6 45	0 58	21 50	0 10	20 49	21 1	16 43	2 40	3 9
F 8	15 9	6 53	4 21	14 41	1 47	21 10	2 11	10 17	0 24	22 21	0 37	22 4	0 27	10 39	0 31	6 44	0 58	21 49	0 10	20 50	21 2	16 42	2 41	3 9
S 9	14 50	2 35	4 52	13 59	1 43	21 11	2 7	10 32	0 25	22 22	0 37	22 3	0 27	10 40	0 31	6 43	0 58	21 49	0 10	20 50	21 2	16 40	2 42	3 9
S 10	14 31	1n51	5 10	13 17	1 38	21 12	2 4	10 48	0 25	22 23	0 37	22 3	0 27	10 40	0 31	6 42	0 58	21 49	0 10	20 51	21 3	16 39	2 43	3 9
M11	14 11	6 18	5 14	12 33	1 32	21 12	2 0	11 3	0 26	22 24	0 37	22 2	0 27	10 41	0 31	6 41	0 58	21 49	0 10	20 52	21 3	16 38	2 44	3 9
T 12	13 52	10 34	5 3	11 48	1 25	21 11	1 56	11 18	0 27	22 24	0 37	22 1	0 27	10 42	0 31	6 41	0 58	21 49	0 10	20 52	21 4	16 36	2 45	3 9
W13	13 32	14 29	4 37	11 2	1 18	21 10	1 52	11 33	0 28	22 25	0 37	22 1	0 27	10 42	0 31	6 40	0 58	21 48	0 10	20 52	21 5	16 35	2 46	3 8
T 14	13 11	17 47	3 55	10 15	1 10	21 8	1 49	11 49	0 29	22 26	0 37	22 0	0 26	10 43	0 31	6 39	0 58	21 48	0 10	20 52	21 5	16 33	2 47	3 8
F 15	12 51	20 12	2 59	9 27	1 1	21 5	1 45	12 4	0 29	22 26	0 37	21 59	0 26	10 44	0 31	6 38	0 58	21 48	0 10	20 52	21 5	16 32	2 48	3 8
S 16	12 30	21 28	1 50	8 38	0 52	21 2	1 41	12 18	0 30	22 27	0 37	21 59	0 26	10 45	0 30	6 37	0 58	21 48	0 10	20 51	21 6	16 31	2 49	3 8
S 17	12 10	21 20	0 33	7 49	0																			

MARCH 2019

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Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
F 1	10 34 2	10° 6'09	8° 39'	27° 54'	29° 10'	9° 48'	21° 52'	17° 34'	29° 46'	15° 56'	22° 26'	26° 01'	24° 27'	22° 55'	0° 35'		
S 2	10 37 59	11° 6'24	20° 35'	28° 33'	0° 21'	10° 29'	21° 59'	17° 50'	29° 49'	15° 58'	22° 28'	26° R 2	24° 23'	23° 1'	0° 38'		
S 3	10 41 56	12° 6'37	22° 24'	29° 3'	1° 33'	11° 9'	22° 6'	17° 55'	29° 51'	16° 1'	22° 29'	26° 2'	24° 20'	23° 8'	0° 42'		
M 4	10 45 52	13° 6'49	14° 11'	29° 24'	2° 44'	11° 49'	22° 13'	18° 0'	29° 54'	16° 3'	22° 31'	26° 0'	24° 17'	23° 15'	0° 45'		
T 5	10 49 49	14° 6'58	25° 58'	29° 36'	3° 55'	12° 30'	22° 19'	18° 5'	29° 56'	16° 5'	22° 32'	25° 56'	24° 14'	23° 21'	0° 48'		
W 6	10 53 45	15° 7'07	7° 49'	29° R39	5° 6'	13° 10'	22° 25'	18° 10'	29° 59'	16° 7'	22° 33'	25° 49'	24° 11'	23° 28'	0° 52'		
T 7	10 57 42	16° 7'13	19° 45'	29° 32'	6° 17'	13° 50'	22° 32'	18° 14'	0° 2'	16° 10'	22° 35'	25° 41'	24° 8'	23° 35'	0° 55'		
F 8	11 1 38	17° 7'17	1° 47'	29° 16'	7° 29'	14° 30'	22° 38'	18° 19'	0° 4'	16° 12'	22° 36'	25° 31'	24° 4'	23° 41'	0° 59'		
S 9	11 5 35	18° 7'20	13° 58'	28° 52'	8° 40'	15° 10'	22° 44'	18° 24'	0° 7'	16° 14'	22° 38'	25° 20'	24° 1'	23° 48'	1° 2'		
S 10	11 9 31	19° 7'20	26° 17'	28° 20'	9° 52'	15° 51'	22° 49'	18° 28'	0° 10'	16° 16'	22° 39'	25° 11'	23° 58'	23° 55'	1° 6'		
M11	11 13 28	20° 7'18	8° 48'	27° 41'	11° 3'	16° 31'	22° 55'	18° 33'	0° 13'	16° 19'	22° 40'	25° 2'	23° 55'	24° 1'	1° 9'		
T 12	11 17 24	21° 7'15	21° 30'	26° 56'	12° 15'	17° 11'	23° 0'	18° 38'	0° 16'	16° 21'	22° 41'	24° 56'	23° 52'	24° 8'	1° 13'		
W13	11 21 21	22° 7'09	4° 12'	26° 6'	13° 26'	17° 51'	23° 5'	18° 42'	0° 18'	16° 23'	22° 43'	24° 52'	23° 48'	24° 15'	1° 16'		
T 14	11 25 18	23° 7'01	17° 41'	25° 12'	14° 38'	18° 31'	23° 10'	18° 46'	0° 21'	16° 26'	22° 44'	24° D50	23° 45'	24° 21'	1° 20'		
F 15	11 29 14	24° 6'51	1° 15'	24° 16'	15° 50'	19° 11'	23° 15'	18° 50'	0° 24'	16° 28'	22° 45'	24° 50'	23° 42'	24° 28'	1° 23'		
S 16	11 33 11	25° 6'38	15° 9'	23° 18'	17° 1'	19° 51'	23° 20'	18° 55'	0° 27'	16° 30'	22° 46'	24° 51'	23° 39'	24° 35'	1° 27'		
S 17	11 37 7	26° 6'23	29° 26'	22° 21'	18° 13'	20° 31'	23° 25'	18° 59'	0° 30'	16° 32'	22° 47'	24° R51	23° 36'	24° 41'	1° 30'		
M18	11 41 4	27° 6'06	14° 3'	21° 25'	19° 25'	21° 11'	23° 29'	19° 3'	0° 33'	16° 35'	22° 48'	24° 50'	23° 33'	24° 48'	1° 34'		
T 19	11 45 0	28° 5'47	28° 57'	20° 31'	20° 37'	21° 51'	23° 33'	19° 7'	0° 36'	16° 37'	22° 49'	24° 46'	23° 29'	24° 55'	1° 37'		
W20	11 48 57	29° 5'26	14° 0'	19° 41'	21° 49'	22° 31'	23° 37'	19° 11'	0° 39'	16° 39'	22° 50'	24° 40'	23° 26'	25° 1'	1° 41'		
T 21	11 52 53	0° 5'02	29° 5'	18° 55'	23° 1'	23° 11'	23° 41'	19° 14'	0° 42'	16° 41'	22° 51'	24° 31'	23° 23'	25° 8'	1° 45'		
F 22	11 56 50	1° 4'36	14° 1'	18° 14'	24° 13'	23° 51'	23° 45'	19° 18'	0° 45'	16° 44'	22° 52'	24° 21'	23° 20'	25° 14'	1° 48'		
S 23	12 0 47	2° 4'09	28° 38'	17° 38'	25° 25'	24° 31'	23° 48'	19° 22'	0° 48'	16° 46'	22° 53'	24° 10'	23° 17'	25° 21'	1° 52'		
S 24	12 4 43	3° 3'39	12° 51'	17° 8'	26° 37'	25° 11'	23° 52'	19° 25'	0° 52'	16° 48'	22° 54'	24° 1'	23° 14'	25° 28'	1° 55'		
M25	12 8 40	4° 3'08	26° 35'	16° 44'	27° 49'	25° 51'	23° 55'	19° 29'	0° 55'	16° 50'	22° 55'	23° 53'	23° 10'	25° 34'	1° 59'		
T 26	12 12 36	5° 2'35	9° 50'	16° 25'	29° 1'	26° 31'	23° 58'	19° 32'	0° 58'	16° 52'	22° 56'	23° 48'	23° 7'	25° 41'	2° 2'		
W27	12 16 33	6° 2'00	22° 39'	16° 13'	0° 13'	27° 11'	24° 1'	19° 35'	1° 1'	16° 55'	22° 57'	23° 46'	23° 4'	25° 48'	2° 6'		
T 28	12 20 29	7° 1'24	5° 3'	16° 7'	1° 25'	27° 50'	24° 3'	19° 38'	1° 4'	16° 57'	22° 58'	23° D45	23° 1'	25° 54'	2° 9'		
F 29	12 24 26	8° 0'45	17° 12'	16° D 6	2° 37'	28° 30'	24° 6'	19° 41'	1° 7'	16° 59'	22° 59'	23° R45	22° 58'	26° 1'	2° 13'		
S 30	12 28 22	9° 0'55	29° 8'	16° 11'	3° 49'	29° 10'	24° 8'	19° 44'	1° 11'	17° 1'	22° 59'	23° 45'	22° 54'	26° 8'	2° 16'		
S 31	12 32 19	9° 59'23	10° 56'	16° 22'	5° 2'	29° 50'	24° 10'	19° 47'	1° 14'	17° 3'	23° 0'	23° 44'	22° 51'	26° 15'	2° 20'		

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂						
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat					
F 1	7s47	21s36	1n33	0n58	1n58	19s30	0n50	15n22	0n39	22s34	0n37	21s50	0n26	10s56	0s30	6s26	0s58	21s46	0s12	20n57	21n14	16s12	3n 5	3n 6
S 2	7 24 21	22 0 30	1 27	2 12	19 19	0 46	15 36	0 40	22 34	0 37	21 49	0 26	10 56	0 30	6 25	0 58	21 45	0 12	20 56	21 14	16 10	3 6	3 6	
S 3	7 1 20 11	0s34	1 51	2 26	19 7	0 42	15 49	0 41	22 35	0 37	21 49	0 26	10 57	0 30	6 24	0 58	21 45	0 12	20 56	21 15	16 9	3 7	3 6	
M 4	6 38 18 7	1 37	2 12	2 39	18 55	0 39	16 2	0 41	22 35	0 37	21 48	0 26	10 58	0 30	6 23	0 58	21 45	0 12	20 57	21 15	16 8	3 8	3 6	
T 5	6 15 15 17	2 35	2 28	2 51	18 43	0 35	16 15	0 42	22 35	0 38	21 48	0 26	10 59	0 30	6 22	0 58	21 45	0 12	20 57	21 16	16 6	3 10	3 6	
W 6	5 52 11 49	3 26	2 39	3 18	29 0	0 31	16 28	0 42	22 36	0 38	21 47	0 26	11 0	0 30	6 22	0 58	21 45	0 12	20 59	21 16	16 5	3 11	3 6	
T 7	5 28 7 52	4 8	2 45	3 12	18 16	0 27	16 40	0 43	22 36	0 38	21 46	0 26	11 1	0 30	6 21	0 58	21 45	0 12	21 0	21 17	16 3	3 12	3 6	
F 8	5 5 3 35	4 40	2 47	3 21	18 1	0 23	16 53	0 44	22 36	0 38	21 46	0 26	11 2	0 30	6 20	0 58	21 45	0 12	21 1	21 18	16 2	3 13	3 5	
S 9	4 42 0n54	5 0	2 44	3 28	17 47	0 20	17 5	0 44	22 37	0 38	21 45	0 25	11 3	0 30	6 19	0 58	21 45	0 12	21 4	21 18	16 0	3 15	3 5	
S 10	4 18 5 24	5 6	2 36	3 33	17 31	0 16	17 18	0 45	22 37	0 38	21 45	0 25	11 4	0 30	6 18	0 58	21 44	0 13	21 6	21 19	15 59	3 16	3 5	
M11	3 55 9 44	4 57	2 23	3 37	17 15	0 12	17 30	0 45	22 37	0 38	21 44	0 25	11 5	0 30	6 17	0 58	21 44	0 13	21 7	21 19	15 57	3 17	3 5	
T 12	3 31 13 44	4 34	2 7	3 38	16 59	0 9	17 42	0 46	22 37	0 38	21 43	0 25	11 6	0 30	6 16	0 58	21 44	0 13	21 8	21 20	15 56	3 19	3 5	
W13	3 8 17 9	3 56	1 46	3 37	16 42	0 5	17 53	0 46	22 38	0 38	21 43	0 25	11 7	0 30	6 15	0 58	21 44	0 13	21 9	21 20	15 54	3 20	3 5	
T 14	2 44 19 47	3 5	1 23	3 35	16 25	0 1	18 5	0 47	22 38	0 38	21 42	0 25	11 8	0 30	6 15	0 58	21 44	0 13	21 9	21 21	15 53	3 21	3 5	
F 15	2 20 21 23	2 3	0 56	3 30	16 7	0s 2	18 17	0 47	22 38	0 38	21 42	0 25	11 9	0 30	6 14	0 58	21 44	0 13	21 9	21 21	15 51	3 23	3 5	
S 16	1 57 21 43	0 52	0 28	3 24	15 49	0 6	18 28	0 48	22 38	0 38	21 41	0 25	11 10	0 30	6 13	0 58	21 44	0 13	21 9	21 22	15 50	3 24	3 5	
S 17	1 33 20 40	0n24	0s 3	3 15	15 31	0 9	18 39	0 48	22 39	0 38	21 41	0 25	11 11	0 30	6 12	0 58	21 44	0 13	21 9	21 22	15 48	3 25	3 5	
M18	1 9 18 13	1 41	0 34	3 5	15 12	0 12	18 50	0 49	22 39	0 38	21 40	0 25	11 12	0 30	6 11	0 58	21 44	0 13	21 10	21 23	15 46	3 27	3 5	
T 19	0 45 14 31	2 51	1 5	2 54	14 52	0 16	19 1	0 49	22 39	0 38	21 40	0 25	11 13	0 30	6 10	0 58	21 44	0 13	21 10	21 24	15 45	3 28	3 5	
W20	0 22 9 50	3 51	1 36	2 42	14 32	0 19	19 12	0 50	22 39	0 38	21 39	0 25	11 14	0 30	6 9	0 58	21 43	0 14	21 11	21 24	15 43	3 29	3 4	
T 21	0n 2 4 33	4 34	2 7	2 28	14 12	0 22	19 23	0 50	22 39	0 38	21 39	0 25	11 15	0 30	6 9	0 58	21 43	0 14	21 13	21 25	15 42	3 31	3 4	
F 22	0 26 0s57	4 58	2 36	2 14	13 51	0 26	19 33	0 51	22 40	0 38	21 38	0 25	11 16	0 30	6 8	0 58	21 43	0 14	21 15	21 25	15 40	3 32	3 4	
S 23	0 49 6 17	5 2	3 4	1 59	13 30	0 29	19 44	0 51	22 40	0 38	21 38	0 25	11 17	0 30	6 7	0 58	21 43	0 14	21 17	21 26	15 39	3 33	3 4	
S 24	1 13 11 8	4 47	3 29	1 44	13 9	0 32	19 54	0 52	22 40	0 38	21 37	0 25	11 18	0 30	6 6	0 58	21 43	0 14	21 18	21 26	15 37	3 35	3 4	
M25	1 37 15 15	4 16	3 53	1 29	12 47	0 35	20 4	0 52	22 40	0 38	21 37	0 25	11 20	0 30	6 5	0 58	21 43	0 14	21 19	21 27	15 36	3 36	3 4	
T 26	2 0 18 26	3 31	4 14	1 13	12 24	0 38	20 14	0 53	22 40	0 38	21 36	0 25	11 21	0 30	6 4	0 58	21 43	0 14	21 20	21 27	15 34	3 37	3 4	
W27	2 24 20 37	2 37	4 33	0 58	12 2	0 41	20 23	0 53	22 40	0 38	21 36	0 25	11 22	0 30	6 4	0 58	21 43	0 14	21 21	21 28	15 32	3 39	3 4	
T 2																								

SWISS EPHEMERIS for the year 2019

APRIL 2019

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Day	Sid.t	☉	☾	♁	♂	♄	♃	♆	♅	♁	♄	♃	♆	♅	♁	♄	♃
M 1	12 36 16	10°Y58'40	22°43	16°X38	6°X14	0°II29	24°X12	19°Z50	1°R17	17°X 5	23°Z 1	23°R40	22°48	26°X21	2°Y23		
T 2	12 40 12	11°57'54	4°X32	16°59	7°26	1° 9	24°14	19°53	1°20	17° 7	23° 1	23°R44	22°45	26°28	2°27		
W 3	12 44 9	12°57'06	16°27	17°24	8°39	1°49	24°15	19°56	1°24	17°10	23° 2	23°25	22°42	26°35	2°31		
T 4	12 48 5	13°56'17	28°31	17°54	9°51	2°28	24°17	19°58	1°27	17°12	23° 3	23°14	22°39	26°41	2°34		
F 5	12 52 2	14°55'25	10°Y44	18°28	11° 3	3° 8	24°18	20° 1	1°30	17°14	23° 3	23° 1	22°35	26°48	2°37		
S 6	12 55 58	15°54'32	23° 9	19° 7	12°16	3°48	24°19	20° 3	1°34	17°16	23° 4	22°47	22°32	26°55	2°41		
S 7	12 59 55	16°53'37	5°X44	19°49	13°28	4°27	24°20	20° 5	1°37	17°18	23° 4	22°33	22°29	27° 1	2°44		
M 8	13 3 51	17°52'39	18°31	20°35	14°41	5° 7	24°20	20° 7	1°40	17°20	23° 5	22°22	22°26	27° 8	2°48		
T 9	13 7 48	18°51'39	1°II30	21°24	15°53	5°46	24°21	20° 9	1°44	17°22	23° 5	22°13	22°23	27°15	2°51		
W10	13 11 44	19°50'37	14°39	22°16	17° 6	6°26	24°21	20°11	1°47	17°24	23° 6	22° 7	22°19	27°21	2°55		
T 11	13 15 41	20°49'33	28° 1	23°12	18°18	7° 6	24°R21	20°13	1°51	17°26	23° 6	22° 3	22°16	27°28	2°58		
F 12	13 19 38	21°48'27	11°Z36	24°10	19°31	7°45	24°21	20°15	1°54	17°28	23° 7	22° 2	22°13	27°35	3° 2		
S 13	13 23 34	22°47'18	25°26	25°11	20°43	8°25	24°21	20°17	1°57	17°30	23° 7	22° 2	22°10	27°41	3° 5		
S 14	13 27 31	23°46'07	9°L30	26°15	21°56	9° 4	24°20	20°19	2° 1	17°32	23° 7	22° 2	22° 7	27°48	3° 8		
M15	13 31 27	24°44'54	23°50	27°22	23° 8	9°43	24°19	20°20	2° 4	17°34	23° 8	22° 0	22° 4	27°55	3°12		
T 16	13 35 24	25°43'38	8°M22	28°31	24°21	10°23	24°18	20°21	2° 8	17°35	23° 8	21°55	22° 0	28° 1	3°15		
W17	13 39 20	26°42'20	23° 2	29°42	25°33	11° 2	24°17	20°23	2°11	17°37	23° 8	21°48	21°57	28° 8	3°18		
T 18	13 43 17	27°41'00	7°A44	0°Y55	26°46	11°41	24°16	20°24	2°15	17°39	23° 8	21°38	21°54	28°15	3°22		
F 19	13 47 13	28°39'38	22°22	2°11	27°58	12°21	24°15	20°25	2°18	17°41	23° 9	21°27	21°51	28°21	3°25		
S 20	13 51 10	29°38'14	6°M46	3°29	29°11	13° 0	24°13	20°26	2°21	17°43	23° 9	21°16	21°48	28°28	3°28		
S 21	13 55 7	0°X36'48	20°50	4°49	0°Y24	13°39	24°11	20°27	2°25	17°45	23° 9	21° 5	21°45	28°35	3°32		
M22	13 59 3	1°35'20	4°X31	6°11	1°36	14°19	24° 9	20°28	2°28	17°46	23° 9	20°56	21°41	28°41	3°35		
T 23	14 3 0	2°33'50	17°46	7°35	2°49	14°58	24° 7	20°29	2°32	17°48	23° 9	20°50	21°38	28°48	3°38		
W24	14 6 56	3°32'19	0°Z37	9° 1	4° 2	15°37	24° 5	20°29	2°35	17°50	23° 9	20°46	21°35	28°55	3°41		
T 25	14 10 53	4°30'47	13° 5	10°28	5°14	16°16	24° 2	20°30	2°39	17°52	23°R 9	20°45	21°32	29° 1	3°44		
F 26	14 14 49	5°29'12	25°16	11°58	6°27	16°55	23°59	20°30	2°42	17°53	23° 9	20°D44	21°29	29° 8	3°47		
S 27	14 18 46	6°27'36	7°A14	13°30	7°40	17°35	23°56	20°31	2°46	17°55	23° 9	20°R45	21°25	29°15	3°51		
S 28	14 22 42	7°25'59	19° 5	15° 3	8°53	18°14	23°53	20°31	2°49	17°57	23° 9	20°44	21°22	29°21	3°54		
M29	14 26 39	8°24'19	0°X54	16°38	10° 5	18°53	23°50	20°31	2°52	17°58	23° 9	20°42	21°19	29°28	3°57		
T 30	14 30 36	9°22'39	12°X46	18°Y15	11°Y18	19°II32	23°X47	20°R31	2°56	18°X 0	23°Z 9	20°Z37	21°Z16	29°X35	4°Y 0		

Day	☉		☾		♁		♂		♄		♃		♁		♄		♃	
	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
M 1	4n21	16s15	2s27	5s30	0s14	10s 4	0s54	21n 9	0n55	22s41	0n38	21s34	0n25	11n28	0s29	5s59	0s58	21s43
T 2	4 44	12 55	3 18	5 34	0 27	9 40	0 57	21 18	0 56	22 41	0 38	21 33	0 25	11 29	0 29	5 59	0 58	21 43
W 3	5 7	9 2	4 1	5 35	0 40	9 15	0 59	21 26	0 56	22 41	0 38	21 33	0 25	11 30	0 29	5 58	0 58	21 43
T 4	5 30	4 46	4 33	5 34	0 51	8 50	1 2	21 34	0 56	22 41	0 38	21 33	0 25	11 31	0 29	5 57	0 58	21 43
F 5	5 53	0 15	4 53	5 31	1 3	8 25	1 4	21 42	0 57	22 41	0 38	21 32	0 24	11 32	0 29	5 56	0 58	21 43
S 6	6 16	4n21	5 0	5 26	1 13	7 59	1 7	21 50	0 57	22 41	0 38	21 32	0 24	11 33	0 29	5 55	0 58	21 43
S 7	6 38	8 50	4 52	5 19	1 24	7 33	1 9	21 58	0 57	22 41	0 38	21 32	0 24	11 35	0 29	5 55	0 58	21 43
M 8	7 1	13 1	4 30	5 10	1 33	7 7	1 11	22 6	0 58	22 41	0 38	21 32	0 24	11 36	0 29	5 54	0 58	21 43
T 9	7 23	16 39	3 53	4 58	1 42	6 41	1 13	22 13	0 58	22 41	0 38	21 31	0 24	11 37	0 29	5 53	0 58	21 43
W10	7 46	19 31	3 4	4 45	1 50	6 15	1 15	22 20	0 58	22 41	0 38	21 31	0 24	11 38	0 29	5 52	0 58	21 43
T 11	8 8	21 22	2 3	4 30	1 58	5 48	1 17	22 27	0 59	22 41	0 38	21 31	0 24	11 39	0 29	5 52	0 58	21 43
F 12	8 30	22 1	0 55	4 14	2 5	5 22	1 19	22 34	0 59	22 41	0 38	21 31	0 24	11 40	0 29	5 51	0 58	21 43
S 13	8 52	21 21	0n18	3 55	2 11	4 55	1 20	22 41	0 59	22 41	0 38	21 30	0 24	11 42	0 29	5 50	0 58	21 43
S 14	9 13	19 20	1 31	3 35	2 17	4 28	1 22	22 47	1 0	22 41	0 38	21 30	0 24	11 43	0 29	5 49	0 58	21 43
M15	9 35	16 5	2 40	3 14	2 22	4 0	1 24	22 54	1 0	22 41	0 38	21 30	0 24	11 44	0 29	5 49	0 58	21 43
T 16	9 57	11 49	3 39	2 50	2 27	3 33	1 25	23 0	1 0	22 41	0 38	21 30	0 24	11 45	0 29	5 48	0 58	21 43
W17	10 18	6 48	4 24	2 26	2 31	3 6	1 27	23 6	1 1	22 41	0 38	21 30	0 24	11 46	0 29	5 47	0 58	21 43
T 18	10 39	1 24	4 52	2 0	2 35	2 38	1 28	23 12	1 1	22 41	0 38	21 29	0 24	11 48	0 29	5 47	0 59	21 43
F 19	11 0	4s 3	5 0	1 32	2 38	2 10	1 29	23 17	1 1	22 41	0 38	21 29	0 24	11 49	0 29	5 46	0 59	21 43
S 20	11 21	9 12	4 50	1 4	2 40	1 43	1 31	23 22	1 2	22 41	0 38	21 29	0 24	11 50	0 29	5 45	0 59	21 43
S 21	11 41	13 45	3 22	0 34	2 42	1 15	1 32	23 28	1 2	22 40	0 38	21 29	0 24	11 51	0 29	5 45	0 59	21 44
M22	12 1	17 27	3 39	0 2	2 43	0 47	1 33	23 33	1 2	22 40	0 38	21 29	0 24	11 52	0 29	5 44	0 59	21 44
T 23	12 22	20 8	2 45	0n30	2 44	0 19	1 34	23 37	1 2	22 40	0 38	21 29	0 24	11 53	0 29	5 43	0 59	21 44
W24	12 42	21 41	1 45	1 4	2 44	0n 9	1 35	23 42	1 3	22 40	0 38	21 29	0 24	11 55	0 29	5 43	0 59	21 44
T 25	13 1	22 7	0 41	1 38	2 43	0 37	1 36	23 46	1 3	22 40	0 38	21 29	0 24	11 56	0 29	5 42	0 59	21 44
F 26	13 21	21 28	0s24	2 14	2 42	1 5	1 36	23 51	1 3	22 40	0 38	21 29	0 24	11 57	0 29	5 41	0 59	21 44
S 27	13 40	19 51	1 26	2 51	2 41	1 33	1 37	23 55	1 3	22 40	0 38	21 29	0 24	11 58	0 29	5 41	0 59	21 44
S 28	13 59	17 23	2 25	3 29	2 39	2 1	1 38	23 58	1 4	22 40	0 38	21 29	0 24	11 59	0 29	5 40	0 59	21 44
M29	14 18	14 13	3 16	4 8	2 36	2 29	1 38	24 2	1 4	22 40	0 38	21 29	0 24	12 1	0 29	5 39	0 59	21 44
T 30	14n37	10s27	4s 0	4n48	2s33	2n57	1s39	24n 5	1n 4	22s39	0n38	21s29	0n24	12n 2	0s29	5s39	0s59	21s44

Julian Day Number = 2458574.5, Delta T = 69.89 sec
 Ecliptic obliquity = 23°26'09, Nutation = - 0°00'16
 Ayanamsha: Fagan/Bradley = 25°00'33, Lahiri = 24°07'33

SWISS EPHEMERIS for the year 2019

MAY 2019

00:00 UT

Day	Sid.t	☉	☽	♃	♅	♁	♂	♄	♆	♇	♁	♃	♅	♁	♃	♅
W 1	14 34 32	10♂20'56	24♁45	19♃54	12♃31	20♁11	23°R43	20°R31	2♂59	18♁1	23°R 9	20°R30	21♁13	29♁41	4♃3	
T 2	14 38 29	11°19'12	6♃56	21°35	13°44	20°50	23♁39	20♁31	3° 3	18° 3	23♁ 8	20♁20	21°10	29°48	4° 6	
F 3	14 42 25	12°17'27	6♃59	23°17	14°56	21°29	23°35	20°31	3° 6	18° 4	23° 8	20° 9	21° 6	29°55	4° 9	
S 4	14 46 22	13°15'40	1♂58	25° 2	16° 9	22° 8	23°31	20°30	3°10	18° 6	23° 8	19°57	21° 3	0♁1	4°12	
S 5	14 50 18	14°13'51	14°51	26°48	17°22	22°47	23°27	20°30	3°13	18° 7	23° 8	19°46	21° 0	0° 8	4°15	
M 6	14 54 15	15°12'00	27°59	28°36	18°35	23°26	23°22	20°29	3°16	18° 9	23° 7	19°36	20°57	0°15	4°17	
T 7	14 58 11	16°10'08	11♁19	0♂26	19°48	24° 5	23°18	20°29	3°20	18°10	23° 7	19°28	20°54	0°21	4°20	
W 8	15 2 8	17° 8'14	24°50	2°17	21° 0	24°44	23°13	20°28	3°23	18°12	23° 7	19°23	20°51	0°28	4°23	
T 9	15 6 5	18° 6'18	8♁30	4°11	22°13	25°23	23° 8	20°27	3°27	18°13	23° 6	19°21	20°47	0°35	4°26	
F 10	15 10 1	19° 4'21	22°20	6° 6	23°26	26° 2	23° 3	20°26	3°30	18°14	23° 6	19°D20	20°44	0°41	4°29	
S 11	15 13 58	20° 2'21	6♁17	8° 3	24°39	26°41	22°58	20°25	3°33	18°16	23° 5	19°21	20°41	0°48	4°31	
S 12	15 17 54	21° 0'20	20°21	10° 2	25°52	27°20	22°53	20°24	3°37	18°17	23° 5	19°R21	20°38	0°55	4°34	
M13	15 21 51	21°58'16	4♁31	12° 3	27° 5	27°58	22°47	20°23	3°40	18°18	23° 4	19°21	20°35	1° 1	4°37	
T 14	15 25 47	22°56'11	18°47	14° 5	28°17	28°37	22°41	20°22	3°43	18°20	23° 4	19°18	20°31	1° 8	4°39	
W15	15 29 44	23°54'04	3♁ 4	16° 9	29°30	29°16	22°36	20°20	3°46	18°21	23° 3	19°13	20°28	1°15	4°42	
T 16	15 33 40	24°51'55	17°20	18°15	0♂43	29°55	22°30	20°19	3°50	18°22	23° 3	19° 7	20°25	1°21	4°44	
F 17	15 37 37	25°49'44	1♁31	20°22	1°56	0♂34	22°24	20°17	3°53	18°23	23° 2	18°58	20°22	1°28	4°47	
S 18	15 41 34	26°47'32	15°30	22°30	3° 9	1°12	22°18	20°16	3°56	18°24	23° 1	18°50	20°19	1°35	4°49	
S 19	15 45 30	27°45'19	29°14	24°39	4°22	1°51	22°12	20°14	3°59	18°25	23° 1	18°42	20°16	1°42	4°52	
M20	15 49 27	28°43'04	12♁40	26°50	5°35	2°30	22° 5	20°12	4° 3	18°26	23° 0	18°36	20°12	1°48	4°54	
T 21	15 53 23	29°40'48	25°45	29° 1	6°48	3° 9	21°59	20°10	4° 6	18°27	22°59	18°31	20° 9	1°55	4°56	
W22	15 57 20	0♁38'30	8♁30	1♁12	8° 1	3°47	21°52	20° 8	4° 9	18°28	22°59	18°29	20° 6	2° 2	4°59	
T 23	16 1 16	1°36'12	20°56	3°24	9°14	4°26	21°46	20° 6	4°12	18°29	22°58	18°D28	20° 3	2° 8	5° 1	
F 24	16 5 13	2°33'52	3♁ 7	5°35	10°27	5° 5	21°39	20° 4	4°15	18°30	22°57	18°29	20° 0	2°15	5° 3	
S 25	16 9 9	3°31'32	15° 6	7°46	11°39	5°43	21°32	20° 2	4°18	18°31	22°56	18°30	19°57	2°22	5° 5	
S 26	16 13 6	4°29'10	26°59	9°57	12°52	6°22	21°25	19°59	4°22	18°32	22°55	18°32	19°53	2°28	5° 8	
M27	16 17 3	5°26'47	8♁49	12° 7	14° 5	7° 0	21°18	19°57	4°25	18°33	22°55	18°R32	19°50	2°35	5°10	
T 28	16 20 59	6°24'23	20°43	14°15	15°18	7°39	21°11	19°54	4°28	18°34	22°54	18°31	19°47	2°42	5°12	
W29	16 24 56	7°21'59	2♃46	16°23	16°31	8°17	21° 4	19°52	4°31	18°34	22°53	18°28	19°44	2°48	5°14	
T 30	16 28 52	8°19'33	15° 0	18°28	17°44	8°56	20°56	19°49	4°34	18°35	22°52	18°23	19°41	2°55	5°16	
F 31	16 32 49	9♁17'06	27♃31	20♁32	18♁57	9♁35	20♁49	19♁46	4♁37	18♁36	22♁51	18♁17	19♁37	3♁ 2	5♃18	

Day	☉	☽	♃	♅	♁	♂	♄	♆	♇	♁	♃	♅	♁	♃	♅									
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat									
W 1	14n55	6s15	4s33	5n28	2s30	3n25	1s39	24n 9	1n 4	22s39	0n38	21s29	0n23	12n 3	0s29	5s38	0s59	21s45	0s18	21n52	21n46	14s35	4n25	3n 4
T 2	15 13	1 45	4 54	6 10	2 25	3 53	1 40	24 12	1 5	22 39	0 38	21 29	0 23	12 4	0 29	5 38	0 59	21 45	0 18	21 54	21 46	14 33	4 26	3 4
F 3	15 31	2n54	5 2	6 52	2 21	4 21	1 40	24 14	1 5	22 39	0 38	21 29	0 23	12 5	0 29	5 37	0 59	21 45	0 18	21 55	21 47	14 31	4 28	3 4
S 4	15 49	7 31	4 56	7 35	2 15	4 49	1 40	24 17	1 5	22 39	0 38	21 29	0 23	12 6	0 29	5 37	0 59	21 45	0 18	21 57	21 47	14 30	4 29	3 4
S 5	16 6	11 55	4 34	8 19	2 10	5 17	1 40	24 20	1 5	22 39	0 38	21 29	0 23	12 8	0 29	5 36	0 59	21 45	0 18	21 59	21 48	14 28	4 30	3 4
M 6	16 24	15 50	3 58	9 3	2 4	5 44	1 40	24 22	1 6	22 38	0 38	21 29	0 23	12 9	0 29	5 36	0 59	21 45	0 18	22 0	21 48	14 26	4 31	3 4
T 7	16 40	19 2	3 8	9 48	1 57	6 12	1 40	24 24	1 6	22 38	0 38	21 30	0 23	12 10	0 29	5 35	0 59	21 45	0 18	22 1	21 49	14 24	4 32	3 4
W 8	16 57	21 13	2 7	10 33	1 50	6 39	1 40	24 26	1 6	22 38	0 38	21 30	0 23	12 11	0 29	5 34	0 59	21 46	0 18	22 2	21 49	14 23	4 33	3 4
T 9	17 13	22 12	0 58	11 19	1 42	7 7	1 40	24 27	1 6	22 38	0 38	21 30	0 23	12 12	0 29	5 34	0 59	21 46	0 19	22 2	21 50	14 21	4 35	3 4
F 10	17 29	21 51	0n16	12 4	1 34	7 34	1 39	24 29	1 6	22 38	0 38	21 30	0 23	12 13	0 29	5 34	0 59	21 46	0 19	22 2	21 50	14 19	4 36	3 4
S 11	17 45	20 9	1 29	12 50	1 26	8 1	1 39	24 30	1 6	22 37	0 38	21 30	0 23	12 14	0 29	5 33	0 59	21 46	0 19	22 2	21 51	14 17	4 37	3 4
S 12	18 0	17 12	2 38	13 37	1 17	8 28	1 39	24 31	1 7	22 37	0 38	21 30	0 23	12 16	0 29	5 33	0 59	21 46	0 19	22 2	21 51	14 16	4 38	3 4
M13	18 15	13 13	3 37	14 23	1 8	8 54	1 38	24 32	1 7	22 37	0 37	21 31	0 23	12 17	0 29	5 32	0 59	21 47	0 19	22 2	21 52	14 14	4 39	3 4
T 14	18 30	8 29	4 24	15 9	0 58	9 21	1 37	24 33	1 7	22 37	0 37	21 31	0 23	12 18	0 29	5 32	0 59	21 47	0 19	22 3	21 52	14 12	4 40	3 4
W15	18 45	3 16	4 54	15 54	0 48	9 47	1 37	24 33	1 7	22 36	0 37	21 31	0 23	12 19	0 29	5 31	0 59	21 47	0 19	22 3	21 53	14 10	4 41	3 4
T 16	18 59	2s 6	5 6	16 39	0 38	10 13	1 36	24 33	1 7	22 36	0 37	21 31	0 23	12 20	0 29	5 31	0 59	21 47	0 19	22 4	21 53	14 9	4 42	3 4
F 17	19 13	7 20	4 59	17 23	0 28	10 39	1 35	24 34	1 8	22 36	0 37	21 32	0 23	12 21	0 29	5 30	1 0	21 47	0 19	22 6	21 54	14 7	4 43	3 5
S 18	19 26	12 7	4 34	18 7	0 17	11 5	1 35	24 33	1 8	22 36	0 37	21 32	0 23	12 22	0 29	5 30	1 0	21 48	0 20	22 7	21 54	14 5	4 44	3 5
S 19	19 39	16 11	3 53	18 49	0 7	11 30	1 34	24 33	1 8	22 35	0 37	21 32	0 23	12 23	0 29	5 30	1 0	21 48	0 20	22 8	21 54	14 3	4 45	3 5
M20	19 52	19 20	3 1	19 30	0n 4	11 55	1 33	24 33	1 8	22 35	0 37	21 33	0 23	12 24	0 29	5 29	1 0	21 48	0 20	22 9	21 55	14 1	4 46	3 5
T 21	20 5	21 23	1 59	20 10	0 14	12 20	1 32	24 32	1 8	22 35	0 37	21 33	0 23	12 26	0 29	5 29	1 0	21 48	0 20	22 9	21 55	14 0	4 47	3 5
W22	20 17	22 16	0 54	20 48	0 25	12 45	1 31	24 31	1 8	22 34	0 37	21 33	0 22	12 27	0 29	5 29	1 0	21 48	0 20	22 10	21 56	13 58	4 48	3 5
T 23	20 29	22 2	0s13	21 24	0 35	13 9	1 29	24 30	1 8	22 34	0 37	21 34	0 22	12 28	0 29	5 28	1 0	21 49	0 20	22 10	21 56	13 56	4 49	3 5
F 24	20 40	20 44	1 18	21 58	0 45	13 33	1 28	24 29	1 8	22 34	0 37	21 34	0 22	12 29	0 29	5 28	1 0	21 49	0 20	22 10	21 57	13 54	4 50	3 5
S 25	20 51	18 31	2 19	22 30	0 55	13 57	1 27	24 27	1 9	22 33	0 37	21 34	0 22	12 30	0 29	5 28	1 0	21 49	0 20	22 9	21 57	13 52	4 51	3 5
S 26	21 2	15 33	3 13	22 59	1 4	14 20	1 26	24 26	1 9	22 33	0 37	21 35	0 22	12 31	0 29	5 27	1 0	21 49	0 20	22 9	21 58	13 51	4 52	3 5
M27	21 12	11 57	3 59	23 26	1 13	14 43	1 24	24 24	1 9	22 33	0 37	21 35	0 22	12 32	0 29	5 27	1 0	21 50	0 20	22 9	21 58	13 49	4 53	3 5
T 28	21 23	7 53	4 35	23 51	1 21	15 6	1 23	24 22	1 9	22 32	0 36	21 36	0 22	12 33	0 29	5 27	1 0	21 50	0 21	22 9	21 59	13 47	4 54	3 5
W29	21 32	3 28	4 59	24 12	1																			

SWISS EPHEMERIS for the year 2019

JUNE 2019

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♄	♃	♅	♆	♇	♈	♉	♊	♋	♌	♍	♎	♏	♐	♑	
S 1	16 36 45	10 14 39	10 19 19	22 34 34	20 10 10	10 13 13	20 42 42	19 43 43	4 40 40	18 37 37	22 50 50	18 11 11	19 34 34	3 8 8	5 20 20							
S 2	16 40 42	11 12 11	23 26 26	24 33 33	21 24 24	10 52 52	20 34 34	19 41 41	4 43 43	18 37 37	22 49 49	18 05 05	19 31 31	3 15 15	5 22 22							
M 3	16 44 38	12 09 42	6 52 52	26 31 31	22 37 37	11 30 30	20 27 27	19 38 38	4 46 46	18 38 38	22 48 48	18 00 00	19 28 28	3 22 22	5 23 23							
T 4	16 48 35	13 07 12	20 34 34	28 26 26	23 50 50	12 09 09	20 19 19	19 34 34	4 48 48	18 38 38	22 47 47	17 56 56	19 25 25	3 28 28	5 25 25							
W 5	16 52 32	14 04 40	4 30 30	0 18 18	25 03 03	12 47 47	20 12 12	19 31 31	4 51 51	18 39 39	22 46 46	17 53 53	19 22 22	3 35 35	5 27 27							
T 6	16 56 28	15 02 08	18 36 36	2 08 08	26 16 16	13 26 26	20 04 04	19 28 28	4 54 54	18 39 39	22 45 45	17 53 53	19 18 18	3 42 42	5 29 29							
F 7	17 00 25	15 59 35	2 49 49	3 56 56	27 29 29	14 04 04	19 57 57	19 25 25	4 57 57	18 40 40	22 44 44	17 53 53	19 15 15	3 48 48	5 30 30							
S 8	17 04 21	16 57 01	17 04 04	5 41 41	28 42 42	14 42 42	19 49 49	19 22 22	5 00 00	18 40 40	22 43 43	17 55 55	19 12 12	3 55 55	5 32 32							
S 9	17 08 18	17 54 25	1 10 20	7 23 23	29 55 55	15 21 21	19 41 41	19 18 18	5 02 02	18 41 41	22 42 42	17 56 56	19 09 09	4 02 02	5 33 33							
M 10	17 12 14	18 51 48	15 34 34	9 03 03	1 11 11	15 59 59	19 34 34	19 15 15	5 05 05	18 41 41	22 40 40	17 57 57	19 06 06	4 09 09	5 35 35							
T 11	17 16 11	19 49 10	29 43 43	10 40 40	2 21 21	16 38 38	19 26 26	19 11 11	5 08 08	18 42 42	22 39 39	17 56 56	19 03 03	4 15 15	5 36 36							
W 12	17 20 07	20 46 31	13 46 46	12 14 14	3 34 34	17 16 16	19 18 18	19 08 08	5 10 10	18 42 42	22 38 38	17 55 55	18 59 59	4 22 22	5 38 38							
T 13	17 24 04	21 43 51	27 40 40	13 45 45	4 48 48	17 54 54	19 11 11	19 04 04	5 13 13	18 42 42	22 37 37	17 52 52	18 56 56	4 29 29	5 39 39							
F 14	17 28 01	22 41 10	11 40 40	15 14 14	6 01 01	18 33 33	19 03 03	19 00 00	5 16 16	18 43 43	22 36 36	17 49 49	18 53 53	4 35 35	5 40 40							
S 15	17 31 57	23 38 28	24 57 57	16 40 40	7 14 14	19 11 11	18 55 55	18 57 57	5 18 18	18 43 43	22 34 34	17 45 45	18 50 50	4 42 42	5 41 41							
S 16	17 35 54	24 35 46	8 16 16	18 03 03	8 27 27	19 49 49	18 48 48	18 53 53	5 21 21	18 43 43	22 33 33	17 42 42	18 47 47	4 49 49	5 43 43							
M 17	17 39 50	25 33 02	21 19 19	19 24 24	9 40 40	20 28 28	18 40 40	18 49 49	5 23 23	18 43 43	22 32 32	17 39 39	18 43 43	4 55 55	5 44 44							
T 18	17 43 47	26 30 19	4 30 30	20 41 41	10 53 53	21 06 06	18 33 33	18 45 45	5 26 26	18 43 43	22 31 31	17 38 38	18 40 40	5 02 02	5 45 45							
W 19	17 47 43	27 27 34	16 40 40	21 56 56	12 07 07	21 44 44	18 25 25	18 41 41	5 28 28	18 43 43	22 29 29	17 37 37	18 37 37	5 09 09	5 46 46							
T 20	17 51 40	28 24 49	28 59 59	23 07 07	13 20 20	22 22 22	18 18 18	18 37 37	5 31 31	18 43 43	22 28 28	17 38 38	18 34 34	5 15 15	5 47 47							
F 21	17 55 37	29 22 04	11 40 40	24 16 16	14 33 33	23 01 01	18 10 10	18 33 33	5 33 33	18 43 43	22 27 27	17 39 39	18 31 31	5 22 22	5 48 48							
S 22	17 59 33	0 19 19	23 03 03	25 21 21	15 46 46	23 39 39	18 03 03	18 29 29	5 35 35	18 43 43	22 26 26	17 40 40	18 28 28	5 29 29	5 49 49							
S 23	18 03 30	1 16 33	4 56 56	26 24 24	17 00 00	24 17 17	17 56 56	18 25 25	5 37 37	18 43 43	22 24 24	17 41 41	18 24 24	5 35 35	5 50 50							
M 24	18 07 26	2 13 47	16 47 47	27 23 23	18 13 13	24 55 55	17 49 49	18 21 21	5 40 40	18 43 43	22 23 23	17 43 43	18 21 21	5 42 42	5 51 51							
T 25	18 11 23	3 11 00	28 41 41	28 18 18	19 26 26	25 34 34	17 41 41	18 17 17	5 42 42	18 43 43	22 22 22	17 43 43	18 18 18	5 49 49	5 51 51							
W 26	18 15 19	4 08 14	10 44 44	29 11 11	20 39 39	26 12 12	17 34 34	18 13 13	5 44 44	18 43 43	22 20 20	17 43 43	18 15 15	5 56 56	5 52 52							
T 27	18 19 16	5 05 28	22 59 59	29 59 59	21 53 53	26 50 50	17 27 27	18 08 08	5 46 46	18 43 43	22 19 19	17 42 42	18 12 12	6 02 02	5 53 53							
F 28	18 23 12	6 02 42	5 30 30	0 44 44	23 06 06	27 28 28	17 20 20	18 04 04	5 48 48	18 43 43	22 17 17	17 41 41	18 08 08	6 09 09	5 53 53							
S 29	18 27 09	6 59 55	18 22 22	1 26 26	24 20 20	28 07 07	17 13 13	18 00 00	5 50 50	18 43 43	22 16 16	17 40 40	18 05 05	6 16 16	5 54 54							
S 30	18 31 05	7 57 09	1 36 36	2 4 3	25 33 33	28 45 45	17 7 7	17 56 56	5 52 52	18 42 42	22 15 15	17 39 39	18 02 02	6 22 22	5 54 54							

Day	☉	☽	♀	♁	♂	♄	♃	♅	♆	♇	♈	♉	♊	♋	♌	♍	♎	♏	♐	♑				
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat		
S 1	21n59	10m21	4s47	25n 1	1n48	16n33	1s17	24n12	1n 9	22s31	0n36	21s38	0n22	12n37	0s29	5s26	1s 0	21s51	0s21	22n12	22n 1	13s40	4n57	3n 6
S 2	22 07 14 32	4 13 25 12	1 52 16 54	1 15 24 9	1 9 22 30	0 36 21 38	0 22 12 38	0 29 5 25	1 0 21 51	0 21 22 13	22 1 13 38	4 58 3 6												
M 3	22 15 18 5	3 25 25 20	1 57 17 15	1 13 24 6	1 10 22 30	0 36 21 38	0 22 12 39	0 29 5 25	1 0 21 51	0 21 22 14	22 2 13 36	4 59 3 6												
T 4	22 22 20 43	2 23 25 26	2 0 17 34	1 11 24 2	1 10 22 29	0 36 21 39	0 22 12 40	0 29 5 25	1 0 21 52	0 21 22 14	22 2 13 34	5 0 3 6												
W 5	22 29 22 9	1 12 25 29	2 3 17 54	1 9 23 59	1 10 22 29	0 36 21 39	0 22 12 41	0 29 5 25	1 0 21 52	0 21 22 14	22 2 13 32	5 1 3 6												
T 6	22 36 22 13	0n 4 25 30	2 5 18 13	1 8 23 55	1 10 22 28	0 36 21 40	0 22 12 42	0 29 5 25	1 0 21 52	0 21 22 15	22 3 13 30	5 1 3 6												
F 7	22 42 20 50	1 21 25 28	2 6 18 32	1 6 23 51	1 10 22 28	0 35 21 41	0 22 12 43	0 29 5 25	1 0 21 52	0 22 22 14	22 3 13 29	5 2 3 6												
S 8	22 48 18 9	2 33 25 25	2 6 18 50	1 4 23 47	1 10 22 28	0 35 21 41	0 21 12 43	0 29 5 24	1 0 21 53	0 22 22 14	22 4 13 27	5 3 3 6												
S 9	22 53 14 21	3 36 25 19	2 6 19 7	1 2 23 43	1 10 22 27	0 35 21 42	0 21 12 44	0 29 5 24	1 0 21 53	0 22 22 14	22 4 13 25	5 3 3 6												
M 10	22 58 9 46	4 25 25 12	2 5 19 25	1 0 23 38	1 10 22 27	0 35 21 42	0 21 12 45	0 29 5 24	1 0 21 53	0 22 22 14	22 5 13 23	5 4 3 6												
T 11	23 03 4 40	4 58 25 3	2 3 19 41	0 58 23 34	1 10 22 26	0 35 21 43	0 21 12 46	0 29 5 24	1 0 21 54	0 22 22 14	22 5 13 21	5 5 3 7												
W 12	23 07 0s37	5 13 24 52	2 0 19 57	0 56 23 29	1 10 22 26	0 35 21 43	0 21 12 47	0 29 5 24	1 0 21 54	0 22 22 14	22 5 13 19	5 5 3 7												
T 13	23 11 5 50	5 9 24 40	1 57 20 13	0 53 23 24	1 10 22 25	0 35 21 44	0 21 12 48	0 29 5 24	1 0 21 54	0 22 22 15	22 6 13 17	5 6 3 7												
F 14	23 14 10 42	4 47 24 26	1 53 20 28	0 51 23 19	1 10 22 25	0 35 21 44	0 21 12 49	0 29 5 24	1 0 21 55	0 22 22 15	22 6 13 15	5 7 3 7												
S 15	23 17 14 57	4 10 24 11	1 48 20 42	0 49 23 14	1 10 22 24	0 34 21 45	0 21 12 50	0 29 5 24	1 0 21 55	0 22 22 15	22 7 13 14	5 7 3 7												
S 16	23 20 18 23	3 20 23 54	1 42 20 56	0 47 23 8	1 10 22 24	0 34 21 46	0 21 12 50	0 29 5 24	1 0 21 55	0 22 22 16	22 7 13 12	5 8 3 7												
M 17	23 22 20 50	2 20 23 37	1 36 21 10	0 45 23 2	1 11 22 23	0 34 21 46	0 21 12 51	0 29 5 24	1 0 21 55	0 23 22 16	22 8 13 10	5 8 3 7												
T 18	23 23 22 9	1 14 23 19	1 29 21 23	0 42 22 57	1 11 22 23	0 34 21 47	0 21 12 52	0 29 5 24	1 0 21 56	0 23 22 16	22 8 13 8	5 9 3 7												
W 19	23 25 22 19	0 5 22 59	1 22 21 35	0 40 22 51	1 11 22 22	0 34 21 47	0 21 12 53	0 29 5 24	1 0 21 56	0 23 22 17	22 9 13 6	5 9 3 7												
T 20	23 26 21 23	1s 2 22 40	1 13 21 46	0 38 22 44	1 11 22 22	0 34 21 48	0 21 12 54	0 29 5 24	1 0 21 56	0 23 22 16	22 9 13 4	5 10 3 7												
F 21	23 26 19 28	2 6 22 19	1 4 21 57	0 35																				

SWISS EPHEMERIS for the year 2019

JULY 2019

00:00 UT

Day	Sid.t	☉	☾	♀	♁	♂	♃	♅	♁	♁	♁	♁	♁	♁	♁
M 1	18 35 2	8 ⁵⁴ 23	15 ¹¹ 12	2 ⁰³ 36	26 ¹¹ 46	29 ⁰⁸ 23	17°R 0	17°R51	5 ⁰⁸ 54	18°R42	22°R13	17°R38	17 ⁰⁸ 59	6 ⁰² 29	5 ⁰⁷ 55
T 2	18 38 59	9°51'37	29°11	3° 6	28° 0	0 ⁰¹ 1	16 ⁰⁷ 53	17 ⁰³ 47	5°56	18 ⁰¹ 42	22 ¹⁰ 12	17 ⁰⁸ 37	17°56	6°36	5°55
W 3	18 42 55	10°48'50	13 ⁰² 28	3°31	29°13	0°39	16°47	17°43	5°58	18°41	22°10	17°D37	17°53	6°42	5°55
T 4	18 46 52	11°46'04	27°59	3°51	0 ⁰⁹ 27	1°17	16°41	17°38	6° 0	18°41	22° 9	17°37	17°49	6°49	5°56
F 5	18 50 48	12°43'18	12 ⁰³ 38	4° 7	1°40	1°56	16°34	17°34	6° 2	18°41	22° 8	17°37	17°46	6°56	5°56
S 6	18 54 45	13°40'31	27°18	4°19	2°54	2°34	16°28	17°29	6° 4	18°40	22° 6	17°37	17°43	7° 2	5°56
S 7	18 58 41	14°37'44	11 ¹⁰ 54	4°26	4° 7	3°12	16°22	17°25	6° 5	18°40	22° 5	17°38	17°40	7° 9	5°56
M 8	19 2 38	15°34'57	26°21	4°R28	5°21	3°50	16°16	17°21	6° 7	18°39	22° 3	17°38	17°37	7°16	5°56
T 9	19 6 35	16°32'09	10 ⁰² 35	4°25	6°34	4°28	16°11	17°16	6° 9	18°39	22° 2	17°38	17°34	7°22	5°R56
W10	19 10 31	17°29'21	24°33	4°18	7°48	5° 6	16° 5	17°12	6°10	18°38	22° 0	17°38	17°30	7°29	5°56
T 11	19 14 28	18°26'33	8 ¹¹ 16	4° 6	9° 1	5°44	16° 0	17° 7	6°12	18°37	21°59	17°38	17°27	7°36	5°56
F 12	19 18 24	19°23'45	21°42	3°50	10°15	6°23	15°54	17° 3	6°13	18°37	21°57	17°38	17°24	7°43	5°56
S 13	19 22 21	20°20'58	4 ⁰⁷ 52	3°29	11°28	7° 1	15°49	16°58	6°15	18°36	21°56	17°38	17°21	7°49	5°56
S 14	19 26 17	21°18'10	17°47	3° 4	12°42	7°39	15°44	16°54	6°16	18°35	21°54	17°39	17°18	7°56	5°56
M15	19 30 14	22°15'22	0 ⁰³ 29	2°36	13°56	8°17	15°39	16°50	6°18	18°35	21°53	17°39	17°14	8° 3	5°55
T 16	19 34 10	23°12'34	12°58	2° 4	15° 9	8°55	15°34	16°45	6°19	18°34	21°52	17°R39	17°11	8° 9	5°55
W17	19 38 7	24° 9'47	25°16	1°29	16°23	9°33	15°30	16°41	6°20	18°33	21°50	17°39	17° 8	8°16	5°55
T 18	19 42 4	25° 7'00	7 ⁰⁸ 25	0°51	17°36	10°11	15°25	16°37	6°21	18°32	21°49	17°39	17° 5	8°23	5°54
F 19	19 46 0	26° 4'14	19°25	0°12	18°50	10°49	15°21	16°32	6°23	18°32	21°47	17°38	17° 2	8°29	5°54
S 20	19 49 57	27° 1'28	1 ⁰⁶ 20	29 ⁰⁸ 31	20° 4	11°27	15°17	16°28	6°24	18°31	21°46	17°37	16°59	8°36	5°53
S 21	19 53 53	27°58'42	13°11	28°50	21°18	12° 5	15°13	16°24	6°25	18°30	21°44	17°35	16°55	8°43	5°53
M22	19 57 50	28°55'58	25° 2	28° 9	22°31	12°43	15° 9	16°19	6°26	18°29	21°43	17°34	16°52	8°49	5°52
T 23	20 1 46	29°53'13	6 ⁰⁹ 56	27°29	23°45	13°21	15° 6	16°15	6°27	18°28	21°41	17°33	16°49	8°56	5°51
W24	20 5 43	0 ⁰⁵ 50'30	18°58	26°51	24°59	13°59	15° 2	16°11	6°28	18°27	21°40	17°32	16°46	9° 3	5°51
T 25	20 9 39	1°47'48	1 ⁰⁸ 11	26°15	26°13	14°38	14°59	16° 7	6°29	18°26	21°39	17°D31	16°43	9°10	5°50
F 26	20 13 36	2°45'06	13°40	25°41	27°26	15°16	14°56	16° 3	6°30	18°25	21°37	17°32	16°40	9°16	5°49
S 27	20 17 33	3°42'26	26°28	25°12	28°40	15°54	14°53	15°58	6°31	18°24	21°36	17°33	16°36	9°23	5°48
S 28	20 21 29	4°39'46	9 ¹¹ 41	24°47	29°54	16°32	14°50	15°54	6°31	18°23	21°34	17°34	16°33	9°30	5°47
M29	20 25 26	5°37'08	23°18	24°26	1 ⁰¹ 8	17°10	14°47	15°50	6°32	18°22	21°33	17°35	16°30	9°36	5°46
T 30	20 29 22	6°34'30	7 ⁰⁹ 22	24°11	2°22	17°48	14°45	15°46	6°33	18°21	21°31	17°36	16°27	9°43	5°45
W31	20 33 19	7 ⁰¹ 31'53	21 ⁰⁸ 50	24 ⁰¹ 1	3 ⁰¹ 36	18 ⁰¹ 26	14 ⁰⁴ 43	15 ⁰³ 42	6 ⁰³ 33	18 ⁰¹ 20	21 ⁰³ 30	17°R36	16 ⁰⁸ 24	9 ⁰⁴ 50	5 ⁰⁷ 44

Day	☉	☾	♀	♁	♂	♃	♅	♁	♁	♁	♁	♁	♁	♁	♁
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
M 1	23n 8	19n48	2s50	18n41	0s55	23n13	0s11	21n26	1n11	22s16	0n32	21s55	0n20	13n 1	0s30
T 2	23 4	21 46	1 40	18 20	1 9	23 17	0 9	21 18	1 11	22 16	0 32	21 56	0 20	13 2	0 30
W 3	23 0	22 22	0 23	18 0	1 24	23 18	0 6	21 10	1 11	22 15	0 32	21 56	0 20	13 3	0 30
T 4	22 55	21 30	0n57	17 41	1 39	23 22	0 4	21 1	1 11	22 15	0 31	21 57	0 20	13 3	0 30
F 5	22 50	19 10	2 14	17 23	1 54	23 24	0 1	20 53	1 11	22 14	0 31	21 58	0 19	13 4	0 30
S 6	22 44	15 35	3 23	17 5	2 9	23 25	0n 1	20 44	1 11	22 14	0 31	21 58	0 19	13 4	0 30
S 7	22 38	11 4	4 18	16 49	2 25	23 26	0 4	20 35	1 11	22 14	0 31	21 59	0 19	13 5	0 30
M 8	22 32	5 58	4 56	16 33	2 40	23 26	0 6	20 26	1 11	22 13	0 31	22 0	0 19	13 5	0 30
T 9	22 25	0 38	5 15	16 19	2 55	23 25	0 8	20 17	1 11	22 13	0 31	22 0	0 19	13 6	0 30
W10	22 18	4s38	5 15	16 6	3 10	23 23	0 11	20 8	1 11	22 12	0 30	22 1	0 19	13 6	0 30
T 11	22 10	9 34	4 57	15 55	3 24	23 21	0 13	19 58	1 11	22 12	0 30	22 2	0 19	13 7	0 30
F 12	22 2	13 57	4 23	15 45	3 38	23 18	0 16	19 49	1 11	22 12	0 30	22 2	0 19	13 7	0 30
S 13	21 54	17 34	3 36	15 37	3 51	23 14	0 18	19 39	1 11	22 11	0 30	22 3	0 19	13 8	0 30
S 14	21 45	20 15	2 38	15 31	4 4	23 10	0 20	19 29	1 10	22 11	0 30	22 3	0 19	13 8	0 30
M15	21 36	21 52	1 34	15 26	4 15	23 5	0 23	19 20	1 10	22 10	0 29	22 4	0 19	13 9	0 30
T 16	21 26	22 22	0 26	15 23	4 26	22 59	0 25	19 9	1 10	22 10	0 29	22 5	0 19	13 9	0 30
W17	21 17	21 46	0s42	15 21	4 35	22 53	0 27	18 59	1 10	22 10	0 29	22 5	0 18	13 10	0 30
T 18	21 6	20 9	1 47	15 22	4 43	22 46	0 29	18 49	1 10	22 10	0 29	22 6	0 18	13 10	0 30
F 19	20 56	17 38	2 47	15 24	4 49	22 38	0 32	18 39	1 10	22 9	0 29	22 7	0 18	13 10	0 30
S 20	20 45	14 25	3 49	15 28	4 54	22 30	0 34	18 28	1 10	22 9	0 29	22 7	0 18	13 11	0 30
S 21	20 34	10 38	4 21	15 33	4 57	22 21	0 36	18 17	1 10	22 9	0 28	22 8	0 18	13 11	0 30
M22	20 22	6 27	4 52	15 40	4 58	22 11	0 38	18 7	1 10	22 9	0 28	22 8	0 18	13 11	0 30
T 23	20 10	2 0	5 11	15 48	4 58	22 1	0 40	17 56	1 10	22 8	0 28	22 9	0 18	13 12	0 30
W24	19 58	2n33	5 16	15 57	4 56	21 50	0 42	17 45	1 10	22 8	0 28	22 10	0 18	13 12	0 30
T 25	19 45	7 5	5 16	7	4 52	21 38	0 44	17 33	1 10	22 8	0 28	22 10	0 18	13 12	0 30
F 26	19 32	11 25	4 44	16 19	4 46	21 26	0 46	17 22	1 10	22 8	0 27	22 11	0 18	13 13	0 30
S 27	19 19	15 22	4 6	16 31	4 39	21 13	0 48	17 11	1 10	22 8	0 27	22 11	0 17	13 13	0 30
S 28	19 6	18 42	3 14	16 44	4 31	20 59	0 50	16 59	1 10	22 8	0 27	22 12	0 17	13 13	0 30
M29	18 52	21 6	2 10	16 57	4 21	20 45	0 52	16 48	1 10	22 7	0 27	22 13	0 17	13 13	0 30
T 30	18 38	22 18	0 56	17 10	4 10	20 30	0 54	16 36	1 9	22 7	0 27	22 13	0 17	13 14	0 30
W31	18n23	22n 3	0n23	17n24	3s58	20n15	0n56	16n24	1n 9	22s 7	0n26	22s14	0n17	13n14	0s30

Julian Day Number = 2458665.5, Delta T = 70.28 sec
Ecliptic obliquity = 23°26'09, Nutation = - 0°00'16
Ayanamsha: Fagan/Bradley = 25°00'46, Lahiri = 24°07'46

SWISS EPHEMERIS for the year 2019

AUGUST 2019

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
T 1	20 37 15	8♌29°18'	6♌38'	23°D57	4♌50	19♌ 4	14°R41	15°R38	6♌34	18°R19	21°R29	17°R35	16♌20	9♌56	5°R43	
F 2	20 41 12	9°26'43	21°38'	23♌59	6° 4	19°42	14♌39	15♌35	6°34	18♌17	21♌27	17♌34	16°17	10° 3	5°P42	
S 3	20 45 8	10°24'08	6♌41	24° 7	7°18	20°20	14°37	15°31	6°35	18°16	21°26	17°31	16°14	10°10	5°41	
S 4	20 49 5	11°21'35	21°40	24°22	8°32	20°58	14°36	15°27	6°35	18°15	21°25	17°28	16°11	10°17	5°39	
M 5	20 53 2	12°19'02	6♌26	24°43	9°46	21°36	14°34	15°23	6°36	18°14	21°23	17°25	16° 8	10°23	5°38	
T 6	20 56 58	13°16'30	20°52	25°11	11° 0	22°14	14°33	15°20	6°36	18°12	21°22	17°22	16° 5	10°30	5°37	
W 7	21 0 55	14°13'58	4♌55	25°45	12°14	22°53	14°32	15°16	6°36	18°11	21°21	17°21	16° 1	10°37	5°35	
T 8	21 4 51	15°11'27	18°35	26°26	13°28	23°31	14°31	15°12	6°36	18°10	21°19	17°D21	15°58	10°43	5°34	
F 9	21 8 48	16° 8'57	1♌52	27°13	14°42	24° 9	14°31	15° 9	6°37	18° 9	21°18	17°21	15°55	10°50	5°32	
S 10	21 12 44	17° 6'28	14°49	28° 7	15°56	24°47	14°31	15° 6	6°37	18° 7	21°17	17°23	15°52	10°57	5°31	
S 11	21 16 41	18° 4'00	27°29	29° 6	17°10	25°25	14°30	15° 2	6°37	18° 6	21°15	17°25	15°49	11° 3	5°29	
M12	21 20 37	19° 1'33	9♌54	0♌12	18°24	26° 3	14°D30	14°59	6°R37	18° 4	21°14	17°26	15°46	11°10	5°27	
T 13	21 24 34	19°59'06	22° 8	1°24	19°38	26°41	14°30	14°56	6°37	18° 3	21°13	17°R26	15°42	11°17	5°26	
W14	21 28 31	20°56'41	4♌13	2°41	20°52	27°19	14°31	14°53	6°37	18° 2	21°12	17°25	15°39	11°23	5°24	
T 15	21 32 27	21°54'16	16°12	4° 3	22° 7	27°57	14°31	14°50	6°37	18° 0	21°10	17°22	15°36	11°30	5°22	
F 16	21 36 24	22°51'53	28° 7	5°31	23°21	28°35	14°32	14°47	6°37	17°59	21° 9	17°17	15°33	11°37	5°20	
S 17	21 40 20	23°49'31	9♌58	7° 3	24°35	29°13	14°33	14°44	6°36	17°57	21° 8	17°11	15°30	11°44	5°19	
S 18	21 44 17	24°47'11	21°49	8°40	25°49	29°52	14°34	14°41	6°36	17°56	21° 7	17° 4	15°26	11°50	5°17	
M19	21 48 13	25°44'51	3°P42	10°21	27° 3	0♌30	14°35	14°38	6°36	17°54	21° 6	16°57	15°23	11°57	5°15	
T 20	21 52 10	26°42'34	15°37	12° 5	28°18	1° 8	14°37	14°35	6°35	17°53	21° 5	16°51	15°20	12° 4	5°13	
W21	21 56 6	27°40'17	27°40	13°53	29°32	1°46	14°38	14°33	6°35	17°51	21° 4	16°46	15°17	12°10	5°11	
T 22	22 0 3	28°38'03	9♌52	15°44	0♌46	2°24	14°40	14°30	6°34	17°50	21° 2	16°42	15°14	12°17	5° 9	
F 23	22 4 0	29°35'50	22°19	17°37	2° 0	3° 2	14°42	14°28	6°34	17°48	21° 1	16°40	15°11	12°24	5° 7	
S 24	22 7 56	0♌33'39	5♌ 3	19°31	3°15	3°40	14°45	14°25	6°33	17°47	21° 0	16°D40	15° 7	12°30	5° 5	
S 25	22 11 53	1°31'30	18° 9	21°28	4°29	4°19	14°47	14°23	6°33	17°45	20°59	16°41	15° 4	12°37	5° 3	
M26	22 15 49	2°29'22	1♌40	23°25	5°43	4°57	14°49	14°21	6°32	17°44	20°58	16°42	15° 1	12°44	5° 0	
T 27	22 19 46	3°27'16	15°38	25°24	6°58	5°35	14°52	14°19	6°31	17°42	20°57	16°R43	14°58	12°51	4°58	
W28	22 23 42	4°25'12	0♌ 4	27°22	8°12	6°13	14°55	14°16	6°31	17°40	20°56	16°42	14°55	12°57	4°56	
T 29	22 27 39	5°23'10	14°54	29°21	9°26	6°51	14°58	14°14	6°30	17°39	20°55	16°39	14°52	13° 4	4°54	
F 30	22 31 35	6°21'09	0♌ 2	1♌20	10°41	7°29	15° 1	14°13	6°29	17°37	20°54	16°35	14°48	13°11	4°51	
S 31	22 35 32	7♌19'10	15♌18	3♌19	11♌55	8♌ 8	15°♂ 5	14♌11	6♌28	17♌36	20♌54	16♌28	14♌45	13♌17	4♌49	

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl
T 1	18n 8	20n17	1n43	17n38	3s44	19n59	0n58	16n12	1n 9	22s 7	0n26	22s14	0n17	13n14	0s30	5s35
F 2	17 53	17 5	2 57	17 51	3 30	19 43	0 59	16 0	1 9	22 7	0 26	22 15	0 17	13 14	0 30	5 35
S 3	17 38	12 44	3 58	18 4	3 16	19 26	1 1	15 48	1 9	22 7	0 26	22 15	0 17	13 14	0 30	5 36
S 4	17 22	7 38	4 43	18 17	3 0	19 8	1 3	15 36	1 9	22 7	0 26	22 16	0 17	13 14	0 30	5 36
M 5	17 6	2 10	5 8	18 29	2 45	18 50	1 4	15 23	1 9	22 7	0 25	22 16	0 17	13 14	0 30	5 37
T 6	16 50	3s18	5 13	18 39	2 29	18 31	1 6	15 11	1 9	22 7	0 25	22 17	0 17	13 14	0 30	5 38
W 7	16 33	8 27	4 59	18 49	2 13	18 12	1 7	14 58	1 9	22 7	0 25	22 17	0 16	13 15	0 30	5 38
T 8	16 17	13 3	4 29	18 58	1 56	17 52	1 9	14 46	1 9	22 8	0 25	22 18	0 16	13 15	0 30	5 39
F 9	16 0	16 52	3 44	19 5	1 40	17 32	1 10	14 33	1 8	22 8	0 25	22 18	0 16	13 15	0 30	5 39
S 10	15 42	19 46	2 49	19 10	1 24	17 11	1 11	14 20	1 8	22 8	0 25	22 19	0 16	13 15	0 30	5 40
S 11	15 25	21 38	1 47	19 14	1 8	16 50	1 12	14 7	1 8	22 8	0 24	22 19	0 16	13 15	0 30	5 40
M12	15 7	22 23	0 41	19 15	0 52	16 29	1 14	13 54	1 8	22 8	0 24	22 20	0 16	13 15	0 30	5 41
T 13	14 49	22 2	0s26	19 15	0 37	16 7	1 15	13 41	1 8	22 8	0 24	22 20	0 16	13 15	0 30	5 41
W14	14 31	20 40	1 30	19 12	0 22	15 44	1 16	13 28	1 8	22 9	0 24	22 21	0 16	13 15	0 30	5 42
T 15	14 12	18 22	2 30	19 6	0 8	15 21	1 17	13 15	1 8	22 9	0 24	22 21	0 16	13 15	0 30	5 43
F 16	13 54	15 19	3 23	18 58	0n 5	14 58	1 18	13 1	1 8	22 9	0 23	22 22	0 15	13 14	0 30	5 43
S 17	13 35	11 39	4 7	18 48	0 18	14 34	1 19	12 48	1 7	22 9	0 23	22 22	0 15	13 14	0 30	5 44
S 18	13 15	7 32	4 40	18 34	0 30	14 10	1 20	12 34	1 7	22 10	0 23	22 22	0 15	13 14	0 30	5 44
M19	12 56	3 9	5 1	18 18	0 41	13 45	1 20	12 21	1 7	22 10	0 23	22 23	0 15	13 14	0 30	5 45
T 20	12 37	1n23	5 9	18 0	0 52	13 20	1 21	12 7	1 7	22 10	0 23	22 23	0 15	13 14	0 31	5 46
W21	12 17	5 54	5 4	17 38	1 1	12 55	1 22	11 53	1 7	22 11	0 22	22 24	0 15	13 14	0 31	5 46
T 22	11 57	10 16	4 45	17 14	1 10	12 29	1 22	11 39	1 7	22 11	0 22	22 24	0 15	13 14	0 31	5 47
F 23	11 37	14 17	4 12	16 47	1 17	12 3	1 23	11 26	1 7	22 12	0 22	22 24	0 15	13 14	0 31	5 47
S 24	11 16	17 45	3 26	16 18	1 24	11 37	1 24	11 12	1 6	22 12	0 22	22 25	0 15	13 13	0 31	5 48
S 25	10 56	20 27	2 28	15 46	1 30	11 10	1 24	10 57	1 6	22 12	0 22	22 25	0 15	13 13	0 31	5 49
M26	10 35	22 5	1 20	15 12	1 35	10 43	1 24	10 43	1 6	22 13	0 22	22 25	0 14	13 13	0 31	5 49
T 27	10 14	22 25	0 6	14 36	1 39	10 16	1 25	10 29	1 6	22 13	0 21	22 26	0 14	13 13	0 31	5 50
W28	9 53	21 18	1n11	13 59	1 42	9 48	1 25	10 15	1 6	22 14	0 21	22 26	0 14	13 12	0 31	5 51
T 29	9 32	18 41	2 26	13 19	1 44	9 20	1 25	10 1	1 6	22 14	0 21	22 26	0 14	13 12	0 31	5 51
F 30	9 11	14 45	3 32	12 39	1 46	8 52	1 25	9 46	1 6	22 15	0 21	22 27	0 14	13 12	0 31	5 52
S 31	8n49	9n49	4n23	11n56	1n46	8n24	1n25	9n32	1n 5	22s16	0n21	22s27	0n14	13n12	0s31	5s52

Julian Day Number = 2458696.5, Delta T = 70.41 sec
 Ecliptic obliquity = 23°26'10", Nutation = -0°00'15"
 Ayanamsha: Fagan/Bradley = 25°00'50", Lahiri = 24°07'50"

SWISS EPHEMERIS for the year 2019

SEPTEMBER 2019

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♂	♄	♆	♇	♁	♃	♅
S 1	22 39 29	8 ^m 17'13	0 ^h 53	5 ^m 17	13 ^m 10	8 ^m 46	15 [°] 8	14°R 9	6°R27	17°R34	20°R53	16°R20	14 ^h 54	13 ^h 24	4°R47	
M 2	22 43 25	9°15'16	15°35	7°15	14°24	9°24	15°12	14 ^h 8	6 ^h 26	17 ^h 32	20 ^h 52	16 ^h 13	14°39	13°31	4 ^h 44	
T 3	22 47 22	10°13'22	0 ^h 15	9°12	15°38	10° 2	15°16	14° 6	6°25	17°31	20°51	16° 6	14°36	13°38	4°42	
W 4	22 51 18	11°11'29	14°29	11° 7	16°53	10°41	15°20	14° 5	6°24	17°29	20°50	16° 1	14°32	13°44	4°40	
T 5	22 55 15	12° 9'37	28°14	13° 2	18° 7	11°19	15°25	14° 3	6°23	17°27	20°49	15°58	14°29	13°51	4°37	
F 6	22 59 11	13° 7'46	11 ^h 27	14°56	19°22	11°57	15°29	14° 2	6°22	17°26	20°49	15°D57	14°26	13°58	4°35	
S 7	23 3 8	14° 5'58	24°25	16°49	20°36	12°35	15°34	14° 1	6°21	17°24	20°48	15°57	14°23	14° 4	4°32	
S 8	23 7 4	15° 4'10	6 ^h 57	18°41	21°51	13°14	15°38	14° 0	6°19	17°22	20°47	15°58	14°20	14°11	4°30	
M 9	23 11 1	16° 2'24	19°14	20°32	23° 5	13°52	15°43	13°59	6°18	17°21	20°46	15°R58	14°17	14°18	4°27	
T 10	23 14 57	17° 0'40	1 ^h 58	22°22	24°19	14°30	15°49	13°58	6°17	17°19	20°46	15°57	14°13	14°24	4°25	
W 11	23 18 54	17°58'57	13°15	24°10	25°34	15° 9	15°54	13°57	6°16	17°17	20°45	15°54	14°10	14°31	4°22	
T 12	23 22 51	18°57'16	25° 8	25°57	26°48	15°47	15°59	13°57	6°14	17°16	20°45	15°47	14° 7	14°38	4°20	
F 13	23 26 47	19°55'37	6 ^h 59	27°43	28° 3	16°25	16° 5	13°56	6°13	17°14	20°44	15°39	14° 4	14°45	4°17	
S 14	23 30 44	20°53'59	18°50	29°29	29°17	17° 3	16°11	13°56	6°11	17°13	20°43	15°28	14° 1	14°51	4°14	
S 15	23 34 40	21°52'23	0 ^h 43	1 ^h 12	0 ^h 32	17°42	16°17	13°55	6°10	17°11	20°43	15°16	13°57	14°58	4°12	
M 16	23 38 37	22°50'49	12°40	2°55	1°46	18°20	16°23	13°55	6° 8	17° 9	20°42	15° 3	13°54	15° 5	4° 9	
T 17	23 42 33	23°49'17	24°42	4°37	3° 1	18°59	16°29	13°55	6° 6	17° 8	20°42	14°51	13°51	15°11	4° 6	
W 18	23 46 30	24°47'47	6 ^h 50	6°18	4°15	19°37	16°35	13°D55	6° 5	17° 6	20°41	14°41	13°48	15°18	4° 4	
T 19	23 50 26	25°46'19	19° 7	7°57	5°30	20°15	16°42	13°55	6° 3	17° 4	20°41	14°33	13°45	15°25	4° 1	
F 20	23 54 23	26°44'53	1 ^h 36	9°36	6°44	20°54	16°48	13°55	6° 1	17° 3	20°41	14°28	13°42	15°31	3°58	
S 21	23 58 20	27°43'30	14°19	11°14	7°59	21°32	16°55	13°55	6° 0	17° 1	20°40	14°25	13°38	15°38	3°56	
S 22	0 2 16	28°42'09	27°20	12°50	9°14	22°11	17° 2	13°55	5°58	16°59	20°40	14°D25	13°35	15°45	3°53	
M 23	0 6 13	29°40'50	10 ^h 53	14°26	10°28	22°49	17° 9	13°56	5°56	16°58	20°40	14°R25	13°32	15°52	3°50	
T 24	0 10 9	0 ^h 39'33	24°31	16° 1	11°43	23°28	17°16	13°56	5°54	16°56	20°39	14°25	13°29	15°58	3°48	
W 25	0 14 6	1°38'19	8 ^h 45	17°34	12°57	24° 6	17°24	13°57	5°52	16°55	20°39	14°23	13°26	16° 5	3°45	
T 26	0 18 2	2°37'07	23°24	19° 7	14°12	24°44	17°31	13°57	5°50	16°53	20°39	14°19	13°23	16°12	3°42	
F 27	0 21 59	3°35'57	8 ^h 24	20°39	15°26	25°23	17°39	13°58	5°48	16°52	20°39	14°12	13°19	16°18	3°39	
S 28	0 25 55	4°34'49	23°37	22°10	16°41	26° 2	17°47	13°59	5°46	16°50	20°38	14° 2	13°16	16°25	3°37	
S 29	0 29 52	5°33'43	8 ^h 52	23°40	17°56	26°40	17°55	14° 0	5°44	16°48	20°38	13°51	13°13	16°32	3°34	
M 30	0 33 49	6°32'39	23 ^h 59	25 ^h 9	19 ^h 10	27 ^h 19	18 ^h 3	14 ^h 1	5 ^h 42	16 ^h 47	20 ^h 38	13 ^h 50	13 ^h 10	16 ^h 39	3 ^h 31	

Day	☉	☽	♀	♁	♂	♃	♅	♁	♂	♄	♆	♇	♁	♃	♅	♁								
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	lat			
S 1	8n28	4n17	4n55	11n13	1n46	7n56	1n25	9n17	1n 5	22s16	0n21	22s27	0n14	13n11	0s31	5s53	1s 3	22s18	0s30	22n26	22n38	10s35	4n51	3n13
M 2	8 6	1s25	5 6	10 29	1 46	7 27	1 25	9 3	1 5	22 17	0 20	22 28	0 14	13 11	0 31	5 54	1 3	22 18	0 30	22 27	22 38	10 33	4 50	3 13
T 3	7 44	6 55	4 57	9 44	1 44	6 58	1 25	8 48	1 5	22 17	0 20	22 28	0 14	13 10	0 31	5 54	1 3	22 19	0 30	22 28	22 38	10 31	4 50	3 13
W 4	7 22	11 53	4 30	8 58	1 43	6 29	1 25	8 34	1 5	22 18	0 20	22 28	0 14	13 10	0 31	5 55	1 3	22 19	0 30	22 29	22 39	10 28	4 49	3 13
T 5	7 0	16 4	3 47	8 12	1 40	5 59	1 24	8 19	1 4	22 19	0 20	22 28	0 13	13 10	0 31	5 56	1 3	22 19	0 30	22 29	22 39	10 26	4 48	3 13
F 6	6 38	19 18	2 54	7 26	1 37	5 30	1 24	8 4	1 4	22 19	0 20	22 29	0 13	13 9	0 31	5 56	1 3	22 19	0 30	22 29	22 39	10 24	4 47	3 13
S 7	6 15	21 26	1 53	6 39	1 34	5 0	1 23	7 49	1 4	22 20	0 19	22 29	0 13	13 9	0 31	5 57	1 3	22 19	0 30	22 29	22 40	10 22	4 46	3 13
S 8	5 53	22 27	0 48	5 51	1 30	4 30	1 23	7 34	1 4	22 21	0 19	22 29	0 13	13 9	0 31	5 58	1 3	22 20	0 30	22 29	22 40	10 20	4 45	3 13
M 9	5 30	22 21	0s17	5 4	1 26	4 0	1 22	7 20	1 4	22 21	0 19	22 29	0 13	13 8	0 31	5 58	1 3	22 20	0 30	22 29	22 40	10 18	4 44	3 13
T 10	5 8	21 11	1 21	4 16	1 21	3 30	1 22	7 5	1 4	22 22	0 19	22 29	0 13	13 8	0 31	5 59	1 3	22 20	0 30	22 29	22 41	10 15	4 43	3 13
W 11	4 45	19 5	2 20	3 29	1 16	3 0	1 21	6 50	1 3	22 23	0 19	22 30	0 13	13 7	0 31	6 0	1 3	22 20	0 30	22 29	22 41	10 13	4 42	3 13
T 12	4 22	16 10	3 13	2 42	1 11	2 30	1 20	6 35	1 3	22 23	0 19	22 30	0 13	13 7	0 31	6 0	1 3	22 20	0 31	22 30	22 41	10 11	4 41	3 13
F 13	3 59	12 37	3 57	1 54	1 5	2 0	1 20	6 20	1 3	22 24	0 18	22 30	0 13	13 6	0 31	6 1	1 4	22 20	0 31	22 31	22 42	10 9	4 39	3 13
S 14	3 36	8 34	4 30	1 7	1 0	1 29	1 19	6 4	1 3	22 25	0 18	22 30	0 13	13 6	0 31	6 2	1 4	22 21	0 31	22 32	22 42	10 7	4 38	3 13
S 15	3 13	4 11	4 52	0 20	0 54	0 59	1 18	5 49	1 3	22 26	0 18	22 30	0 12	13 5	0 31	6 2	1 4	22 21	0 31	22 34	22 42	10 4	4 37	3 13
M 16	2 50	0n23	5 1	0s26	0 47	0 28	1 17	5 34	1 2	22 26	0 18	22 30	0 12	13 5	0 31	6 3	1 4	22 21	0 31	22 35	22 43	10 2	4 36	3 13
T 17	2 27	4 57	4 57	1 13	0 41	0 5 2	1 16	5 19	1 2	22 27	0 18	22 30	0 12	13 4	0 31	6 4	1 4	22 21	0 31	22 37	22 43	10 0	4 35	3 13
W 18	2 4	9 23	4 40	1 59	0 34	0 33	1 15	5 4	1 2	22 28	0 18	22 31	0 12	13 4	0 31	6 4	1 4	22 21	0 31	22 38	22 43	9 58	4 34	3 13
T 19	1 41	13 30	4 9	2 44	0 27	1 4	1 13	4 48	1 2	22 29	0 18	22 31	0 12	13 3	0 31	6 5	1 4	22 21	0 31	22 39	22 44	9 55	4 33	3 13
F 20	1 18	17 6	3 26	3 29	0 21	1 34	1 12	4 33	1 1	22 30	0 17	22 31	0 12	13 2	0 31	6 5	1 4	22 22	0 31	22 39	22 44	9 53	4 32	3 13
S 21	0 54	20 0	2 32	4 14	0 14	2 5	1 11	4 18	1 1	22 30	0 17	22 31	0 12	13 2	0 31	6 6	1 4	22 22	0 31	22 39	22 44	9 51	4 31	3 13
S 22	0 31	21 55	1 29	4 58	0 6	2 35	1 10	4 2	1 1	22 31	0 17	22 31	0 12	13 1	0 31	6 7	1 4	22 22	0 31	22 39	22 45	9 49	4 30	3 13
M 23	0 8	22 41	0 20	5 42	0s 1	3 6	1 8	3 47	1 1	22 32	0 17	22 31	0 12	13 1	0 31	6 7	1 4	22 22	0 31	22 39	22 45	9 47	4 29	3 13
T 24	0s16	22 5	0n53	6 25	0 8	3 36	1 7	3 31	1 1	22 33	0 17	22 31	0 12	13 0	0 31	6 8	1 4	22 22	0 31	22 39	22 45	9 44	4 27	3 13
W 25	0 39	20 5	2 5	7 8	0 15	4 7	1 5	3 16	1 0	22 34	0 17	22 31	0 11	12 59	0 31	6 9	1 4	22 22	0 32	22 40	22 46	9 42	4 26	3 13
T 26	1 2	16 43	3 11	7 50	0 23	4 37	1 4	3 1	1 0	22 35	0 16	22 31	0 11	12 59	0 31	6 9	1 4	22 22	0 32	22 40	22 46	9 40	4 25	3 13
F 27	1 26	12 12	4 4	8 32	0 30	5 7	1 2	2 45	1 0	22 36	0 16	22 31	0 11	12 58	0 31	6 10	1 4	22 22	0 32	22 41	22 46	9 38	4 24	3 13
S 28	1 49	6 51	4 42	9 13	0 38	5 38	1 0	2 30	1 0	22 36	0 16	22 31	0 11	12 57	0 31	6 10	1 4	22 23	0 32	22 42	22 46	9 35	4 23	3 13
S 29	2 13	1 4	4 59	9 53	0 45	6 8	0 59	2 14	0 59	22														

SWISS EPHEMERIS for the year 2019

OCTOBER 2019

00:00 UT

Day	Sid.t	☉	☾	♂	♀	♁	♂	♄	♅	♆	♇	♈	♉	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓
T 1	0 37 45	7 ^h 31 ^m 37 ^s	8 ^h 47 ^m	26 ^h 37 ^m	20 ^h 25 ^m	27 ^h 57 ^m	18 ^h 11 ^m	14 ^h 02 ^m	5 ^h R40	16 ^h R45	20 ^h R38	13 ^h R30	13 ^h 07 ^m	16 ^h 45 ^m	3 ^h R29								
W 2	0 41 42	8 ^h 30 ^m 37 ^s	23 ^h 9 ^m	28 ^h 4 ^m	21 ^h 39 ^m	28 ^h 36 ^m	18 ^h 19 ^m	14 ^h 4 ^m	5 ^h 38	16 ^h 44	20 ^h 38	13 ^h 22	13 ^h 0	16 ^h 52	3 ^h 26								
T 3	0 45 38	9 ^h 29 ^m 38 ^s	7 ^h 29 ^m	29 ^h 31 ^m	22 ^h 54 ^m	29 ^h 14 ^m	18 ^h 28 ^m	14 ^h 5 ^m	5 ^h 36	16 ^h 42	20 ^h D38	13 ^h 17	13 ^h 0	16 ^h 59	3 ^h 23								
F 4	0 49 35	10 ^h 28 ^m 42 ^s	20 ^h 25 ^m	0 ^h 56 ^m	24 ^h 9 ^m	29 ^h 53 ^m	18 ^h 36 ^m	14 ^h 7 ^m	5 ^h 34	16 ^h 41	20 ^h 38	13 ^h 14	12 ^h 57	17 ^h 5	3 ^h 20								
S 5	0 53 31	11 ^h 27 ^m 47 ^s	3 ^h 21 ^m	2 ^h 20 ^m	25 ^h 23 ^m	0 ^h 32 ^m	18 ^h 45 ^m	14 ^h 8 ^m	5 ^h 32	16 ^h 39	20 ^h 38	13 ^h 13	12 ^h 54	17 ^h 12	3 ^h 18								
S 6	0 57 28	12 ^h 26 ^m 55 ^s	15 ^h 53 ^m	3 ^h 43 ^m	26 ^h 38 ^m	1 ^h 10 ^m	18 ^h 54 ^m	14 ^h 10 ^m	5 ^h 30	16 ^h 38	20 ^h 38	13 ^h 13	12 ^h 51	17 ^h 19	3 ^h 15								
M 7	1 1 24	13 ^h 26 ^m 04 ^s	28 ^h 8 ^m	5 ^h 6 ^m	27 ^h 52 ^m	1 ^h 49 ^m	19 ^h 3 ^m	14 ^h 12 ^m	5 ^h 27	16 ^h 36	20 ^h 38	13 ^h 12	12 ^h 48	17 ^h 25	3 ^h 12								
T 8	1 5 21	14 ^h 25 ^m 14 ^s	10 ^h 30 ^m	6 ^h 27 ^m	29 ^h 7 ^m	2 ^h 28 ^m	19 ^h 12 ^m	14 ^h 14 ^m	5 ^h 25	16 ^h 35	20 ^h 38	13 ^h 10	12 ^h 44	17 ^h 32	3 ^h 10								
W 9	1 9 18	15 ^h 24 ^m 27 ^s	22 ^h 4 ^m	7 ^h 46 ^m	0 ^h 21 ^m	3 ^h 6 ^m	19 ^h 21 ^m	14 ^h 16 ^m	5 ^h 23	16 ^h 34	20 ^h 39	13 ^h 6	12 ^h 41	17 ^h 39	3 ^h 7								
T 10	1 13 14	16 ^h 23 ^m 41 ^s	3 ^h 54 ^m	9 ^h 5 ^m	1 ^h 36 ^m	3 ^h 45 ^m	19 ^h 30 ^m	14 ^h 18 ^m	5 ^h 21	16 ^h 32	20 ^h 39	12 ^h 59	12 ^h 38	17 ^h 46	3 ^h 5								
F 11	1 17 11	17 ^h 22 ^m 57 ^s	15 ^h 45 ^m	10 ^h 23 ^m	2 ^h 51 ^m	4 ^h 24 ^m	19 ^h 40 ^m	14 ^h 20 ^m	5 ^h 18	16 ^h 31	20 ^h 39	12 ^h 49	12 ^h 35	17 ^h 52	3 ^h 2								
S 12	1 21 7	18 ^h 22 ^m 15 ^s	27 ^h 38 ^m	11 ^h 39 ^m	4 ^h 5 ^m	5 ^h 2 ^m	19 ^h 49 ^m	14 ^h 22 ^m	5 ^h 16	16 ^h 30	20 ^h 39	12 ^h 37	12 ^h 32	17 ^h 59	2 ^h 59								
S 13	1 25 4	19 ^h 21 ^m 35 ^s	9 ^h 36 ^m	12 ^h 54 ^m	5 ^h 20 ^m	5 ^h 41 ^m	19 ^h 59 ^m	14 ^h 24 ^m	5 ^h 14	16 ^h 28	20 ^h 39	12 ^h 23	12 ^h 29	18 ^h 6	2 ^h 57								
M 14	1 29 0	20 ^h 20 ^m 57 ^s	2 ^h 41 ^m	14 ^h 7 ^m	6 ^h 34 ^m	6 ^h 20 ^m	20 ^h 9 ^m	14 ^h 27 ^m	5 ^h 11	16 ^h 27	20 ^h 40	12 ^h 9	12 ^h 25	18 ^h 12	2 ^h 54								
T 15	1 32 57	21 ^h 20 ^m 21 ^s	3 ^h 53 ^m	15 ^h 18 ^m	7 ^h 49 ^m	6 ^h 59 ^m	20 ^h 18 ^m	14 ^h 29 ^m	5 ^h 9	16 ^h 26	20 ^h 40	11 ^h 56	12 ^h 22	18 ^h 19	2 ^h 52								
W 16	1 36 53	22 ^h 19 ^m 47 ^s	16 ^h 13 ^m	16 ^h 28 ^m	9 ^h 3 ^m	7 ^h 37 ^m	20 ^h 28 ^m	14 ^h 32 ^m	5 ^h 7	16 ^h 24	20 ^h 40	11 ^h 44	12 ^h 19	18 ^h 26	2 ^h 49								
T 17	1 40 50	23 ^h 19 ^m 15 ^s	28 ^h 41 ^m	17 ^h 36 ^m	10 ^h 18 ^m	8 ^h 16 ^m	20 ^h 38 ^m	14 ^h 35 ^m	5 ^h 4	16 ^h 23	20 ^h 41	11 ^h 35	12 ^h 16	18 ^h 33	2 ^h 47								
F 18	1 44 46	24 ^h 18 ^m 45 ^s	11 ^h 20 ^m	18 ^h 42 ^m	11 ^h 33 ^m	8 ^h 55 ^m	20 ^h 49 ^m	14 ^h 37 ^m	5 ^h 2	16 ^h 22	20 ^h 41	11 ^h 29	12 ^h 13	18 ^h 39	2 ^h 44								
S 19	1 48 43	25 ^h 18 ^m 18 ^s	24 ^h 11 ^m	19 ^h 45 ^m	12 ^h 47 ^m	9 ^h 34 ^m	20 ^h 59 ^m	14 ^h 40 ^m	4 ^h 59	16 ^h 21	20 ^h 42	11 ^h 25	12 ^h 9	18 ^h 46	2 ^h 42								
S 20	1 52 40	26 ^h 17 ^m 53 ^s	7 ^h 57 ^m	20 ^h 46 ^m	14 ^h 2 ^m	10 ^h 13 ^m	21 ^h 9 ^m	14 ^h 43 ^m	4 ^h 57	16 ^h 19	20 ^h 42	11 ^h D24	12 ^h 6	18 ^h 53	2 ^h 39								
M 21	1 56 36	27 ^h 17 ^m 31 ^s	20 ^h 39 ^m	21 ^h 45 ^m	15 ^h 16 ^m	10 ^h 52 ^m	21 ^h 20 ^m	14 ^h 46 ^m	4 ^h 55	16 ^h 18	20 ^h 43	11 ^h R24	12 ^h 3	18 ^h 59	2 ^h 37								
T 22	2 0 33	28 ^h 17 ^m 10 ^s	4 ^h 20 ^m	22 ^h 40 ^m	16 ^h 31 ^m	11 ^h 31 ^m	21 ^h 30 ^m	14 ^h 50 ^m	4 ^h 52	16 ^h 17	20 ^h 43	11 ^h 24	12 ^h 0	19 ^h 6	2 ^h 34								
W 23	2 4 29	29 ^h 16 ^m 52 ^s	18 ^h 21 ^m	23 ^h 32 ^m	17 ^h 45 ^m	12 ^h 9 ^m	21 ^h 41 ^m	14 ^h 53 ^m	4 ^h 50	16 ^h 16	20 ^h 44	11 ^h 23	11 ^h 57	19 ^h 13	2 ^h 32								
T 24	2 8 26	0 ^h 16 ^m 37 ^s	2 ^h 43 ^m	24 ^h 20 ^m	19 ^h 0 ^m	12 ^h 48 ^m	21 ^h 52 ^m	14 ^h 56 ^m	4 ^h 47	16 ^h 15	20 ^h 44	11 ^h 20	11 ^h 54	19 ^h 20	2 ^h 30								
F 25	2 12 22	1 ^h 16 ^m 23 ^s	17 ^h 24 ^m	25 ^h 4 ^m	20 ^h 15 ^m	13 ^h 27 ^m	22 ^h 3 ^m	15 ^h 0 ^m	4 ^h 45	16 ^h 14	20 ^h 45	11 ^h 13	11 ^h 50	19 ^h 26	2 ^h 27								
S 26	2 16 19	2 ^h 16 ^m 12 ^s	2 ^h 17 ^m	25 ^h 44 ^m	21 ^h 29 ^m	14 ^h 6 ^m	22 ^h 14 ^m	15 ^h 3 ^m	4 ^h 42	16 ^h 13	20 ^h 46	11 ^h 5	11 ^h 47	19 ^h 33	2 ^h 25								
S 27	2 20 15	3 ^h 16 ^m 02 ^s	17 ^h 16 ^m	26 ^h 19 ^m	22 ^h 44 ^m	14 ^h 45 ^m	22 ^h 25 ^m	15 ^h 7 ^m	4 ^h 40	16 ^h 12	20 ^h 46	10 ^h 55	11 ^h 44	19 ^h 40	2 ^h 23								
M 28	2 24 12	4 ^h 15 ^m 55 ^s	2 ^h 10 ^m	26 ^h 48 ^m	23 ^h 58 ^m	15 ^h 24 ^m	22 ^h 36 ^m	15 ^h 10 ^m	4 ^h 37	16 ^h 11	20 ^h 47	10 ^h 44	11 ^h 41	19 ^h 46	2 ^h 21								
T 29	2 28 9	5 ^h 15 ^m 50 ^s	16 ^h 51 ^m	27 ^h 11 ^m	25 ^h 13 ^m	16 ^h 3 ^m	22 ^h 47 ^m	15 ^h 14 ^m	4 ^h 35	16 ^h 10	20 ^h 48	10 ^h 35	11 ^h 38	19 ^h 53	2 ^h 19								
W 30	2 32 5	6 ^h 15 ^m 47 ^s	1 ^h 12 ^m	27 ^h 27 ^m	26 ^h 27 ^m	16 ^h 42 ^m	22 ^h 58 ^m	15 ^h 18 ^m	4 ^h 32	16 ^h 9	20 ^h 49	10 ^h 27	11 ^h 34	20 ^h 0	2 ^h 16								
T 31	2 36 2	7 ^h 15 ^m 45 ^s	15 ^h 37 ^m	27 ^h 37 ^m	27 ^h 42 ^m	17 ^h 22 ^m	23 ^h 10 ^m	15 ^h 22 ^m	4 ^h 30	16 ^h 8	20 ^h 49	10 ^h 22	11 ^h 31	20 ^h 7	2 ^h 14								

Day	☉		☾		♂		♀		♁		♂		♄		♅		♆		♇		♈		♉		♊		♋		♌		♍		♎		♏		♐		♑		♒		♓	
	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	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
T 1	2s59	10s 7	4n32	11s12	1s 0	7s 7	0n55	1n43	0n59	22s39	0n16	22s31	0n11	12n55	0s31	6s12	1s 4	22s23	0s32	22n45	22n47	9s29	4n19	3n12																				
W 2	3 22	14 49	3 52	11 50	1 7	7 37	0 53	1 27	0 59	22 40	0 16	22 31	0 11	12 55	0 31	6 13	1 4	22 23	0 32	22 46	22 48	9 26	4 18	3 12																				
T 3	3 46	18 33	2 59	12 27	1 14	8 7	0 51	1 12	0 58	22 41	0 15	22 31	0 11	12 54	0 31	6 13	1 4	22 23	0 32	22 46	22 48	9 24	4 17	3 12																				
F 4	4 9	21 8	1 57	13 4	1 21	8 36	0 49	0 56	0 58	22 42	0 15	22 31	0 11	12 53	0 31	6 14	1 4	22 23	0 32	22 47	22 48	9 22	4 16	3 12																				
S 5	4 32	22 32	0 52	13 40	1 29	9 5	0 47	0 41	0 58	22 43	0 15	22 31	0 10	12 53	0 31	6 15	1 4	22 23	0 32	22 47	22 49	9 19	4 15	3 12																				
S 6	4 55	22 44	0s14	14 15	1 36	9 34	0 45	0 25	0 58	22 43	0 15	22 31	0 10	12 52	0 31	6 15	1 4	22 23	0 32	22 47	22 49	9 17	4 14	3 12																				
M 7	5 18	21 48	1 18	14 50	1 42	10 3	0 43	0 9	0 57	22 44	0 15	22 31	0 10	12 51	0 31	6 16	1 3	22 23	0 32	22 47	22 49	9 15	4 13	3 12																				
T 8	5 41	19 54	2 17	15 23	1 49	10 31	0 41	0s 6	0 57	22 45	0 15	22 31	0 10	12 50	0 31	6 16	1 3	22 23	0 33	22 47	22 50	9 13	4 11	3 12																				
W 9	6 4	17 9	3 10	15 56	1 56	10 59	0 39	0 22	0 57	22 46	0 15	22 30	0 10	12 50	0 31	6 17	1 3	22 23	0 33	22 47	22 50	9 10	4 10	3 12																				
T 10	6 27	13 42	3 54	16 27	2 11	11 27	0 37	0 38	0 57	22 47	0 14	22 30	0 10	12 49	0 31	6 17	1 3	22 23	0 33	22 48	22 50	9 8	4 9	3 11																				
F 11	6 49	9 44	4 27	16 58	2 9	11 55	0 34	0 53	0 56	22 48	0																																	

SWISS EPHEMERIS for the year 2019

NOVEMBER 2019

00:00 UT

Day	Sid.t	☉	☽	♀	♋	♌	♍	♎	♏	♐	♑	♒	♓	♈	♉
F 1	2 39 58	8♎15°46	28♌33	27°R38	28♎57	18♉ 1	23♌21	15♏26	4°R28	16°R 7	20♑50	10°R19	11♏28	20♊13	2°R12
S 2	2 43 55	9°15'48	11♏33	27♎31	0♌11	18°40	23°33	15°30	4♌25	16♋ 6	20°51	10°D18	11°25	20°20	2♉10
S 3	2 47 51	10°15'51	24°10	27°14	1°26	19°19	23°44	15°34	4°23	16° 6	20°52	10♏19	11°22	20°27	2° 8
M 4	2 51 48	11°15'56	6♌27	26°49	2°40	19°58	23°56	15°38	4°20	16° 5	20°53	10°R19	11°19	20°33	2° 6
T 5	2 55 44	12°16'03	18°31	26°13	3°55	20°37	24° 8	15°43	4°18	16° 4	20°54	10°19	11°15	20°40	2° 4
W 6	2 59 41	13°16'11	0♊26	25°28	5° 9	21°16	24°20	15°47	4°15	16° 3	20°55	10°18	11°12	20°47	2° 2
T 7	3 3 38	14°16'21	12°17	24°34	6°24	21°56	24°32	15°52	4°13	16° 3	20°56	10°13	11° 9	20°54	2° 1
F 8	3 7 34	15°16'32	24° 8	23°31	7°38	22°35	24°44	15°56	4°10	16° 2	20°57	10° 7	11° 6	21° 0	1°59
S 9	3 11 31	16°16'45	6♉ 5	22°21	8°53	23°14	24°56	16° 1	4° 8	16° 1	20°58	9°59	11° 3	21° 7	1°57
S 10	3 15 27	17°17'00	18° 8	21° 6	10° 7	23°53	25° 8	16° 5	4° 6	16° 1	20°59	9°49	11° 0	21°14	1°55
M11	3 19 24	18°17'16	0♊22	19°47	11°22	24°32	25°20	16°10	4° 3	16° 0	21° 0	9°39	10°56	21°20	1°54
T 12	3 23 20	19°17'34	12°46	18°27	12°36	25°12	25°32	16°15	4° 1	16° 0	21° 1	9°29	10°53	21°27	1°52
W13	3 27 17	20°17'53	25°21	17° 9	13°51	25°51	25°45	16°20	3°59	15°59	21° 2	9°21	10°50	21°34	1°50
T 14	3 31 13	21°18'14	8♊ 8	15°54	15° 5	26°30	25°57	16°25	3°56	15°59	21° 3	9°15	10°47	21°41	1°49
F 15	3 35 10	22°18'37	21° 7	14°47	16°20	27°10	26°10	16°30	3°54	15°58	21° 5	9°11	10°44	21°47	1°47
S 16	3 39 7	23°19'02	4♏16	13°47	17°34	27°49	26°22	16°35	3°52	15°58	21° 6	9°D 9	10°40	21°54	1°46
S 17	3 43 3	24°19'29	17°37	12°58	18°49	28°29	26°35	16°40	3°49	15°57	21° 7	9° 9	10°37	22° 1	1°45
M18	3 47 0	25°19'58	1♊10	12°20	20° 3	29° 8	26°47	16°45	3°47	15°57	21° 8	9°10	10°34	22° 7	1°43
T 19	3 50 56	26°20'28	14°55	11°54	21°18	29°47	27° 0	16°51	3°45	15°57	21°10	9°12	10°31	22°14	1°42
W20	3 54 53	27°21'00	28°53	11°39	22°32	0♎27	27°13	16°56	3°43	15°57	21°11	9°R12	10°28	22°21	1°41
T 21	3 58 49	28°21'34	13♎ 3	11°D35	23°46	1° 6	27°26	17° 2	3°41	15°56	21°12	9°11	10°25	22°28	1°39
F 22	4 2 46	29°22'10	27°24	11°43	25° 1	1°46	27°39	17° 7	3°38	15°56	21°14	9° 8	10°21	22°34	1°38
S 23	4 6 42	0♌22°47	11♉52	12° 1	26°15	2°25	27°51	17°13	3°36	15°56	21°15	9° 4	10°18	22°41	1°37
S 24	4 10 39	1°23'26	26°24	12°28	27°30	3° 5	28° 4	17°18	3°34	15°56	21°17	8°58	10°15	22°48	1°36
M25	4 14 36	2°24'07	10♎52	13° 3	28°44	3°44	28°17	17°24	3°32	15°56	21°18	8°52	10°12	22°54	1°35
T 26	4 18 32	3°24'49	25°10	13°46	29°59	4°24	28°30	17°30	3°30	15°56	21°19	8°47	10° 9	23° 1	1°34
W27	4 22 29	4°25'33	9♌14	14°36	1♎13	5° 4	28°44	17°35	3°28	15°56	21°21	8°42	10° 6	23° 8	1°33
T 28	4 26 25	5°26'18	22°58	15°31	2°27	5°43	28°57	17°41	3°26	15°D56	21°22	8°39	10° 2	23°15	1°32
F 29	4 30 22	6°27'05	6♌20	16°32	3°42	6°23	29°10	17°47	3°24	15°56	21°24	8°D38	9°59	23°21	1°32
S 30	4 34 18	7♌27°52	19♏20	17♎37	4♌56	7♎ 3	29♌23	17♏53	3♌22	15♋56	21♑25	8♏39	9♏56	23♊28	1♉31

Day	☉	☽	♀	♋	♌	♍	♎	♏	♐	♑	♒	♓	♈	♉	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
F 1	14s16	22s23	1n 2	22s16	2s42	20s13	0s18	6s18	0n50	23s 5	0n12	22s25	0n 8	12n31	0s31
S 2	14 35 23	3 0s 7	22 6	2 34 20	31 0	21 6	33 0	49 23	5 0	12 22	24 0	8 12	30 0	31 6	27 1
S 3	14 54 22	29 1	13 21	53 2	24 20	49 0	23 6	48 0	49 23	6 0	11 22	24 0	8 12	29 0	31 6
M 4	15 12 20	50 2	15 21	36 2	13 21	7 0	26 7	3 0	49 23	7 0	11 22	24 0	8 12	29 0	31 6
T 5	15 31 18	17 3	10 21	15 2	0 21	24 0	28 7	18 0	48 23	7 0	11 22	23 0	8 12	28 0	31 6
W 6	15 49 14	59 3	5 55	20 51	1 46	21 40	0 31	7 33	0 48	23 8	0 11	22 23	0 7	12 27	0 31
T 7	16 7 11	7 4	30 20	21 1	30 20	21 1	56 0	34 7	48 0	48 23	8 0	11 22	22 0	7 12	26 0
F 8	16 25 6	49 4	54 19	48 1	11 22	11 0	36 8	3 0	47 23	9 0	11 22	22 0	7 12	25 0	31 6
S 9	16 42 2	15 5	5 19	12 0	52 22	25 0	39 8	18 0	47 23	10 0	11 22	21 0	7 12	25 0	31 6
S 10	16 59 2n27	5 2	18 33	0 33	22 39	0 41	8 33	0 46	23 10	0 11	22 21	0 7	12 24	0 31	6 29
M11	17 16 7	8 4	46 17	52 0	12 22	52 0	44 8	48 0	46 23	11 0	10 22	20 0	7 12	23 0	31 6
T 12	17 33 11	36 4	16 17	11 0n	9 23	4 0	46 9	2 0	45 23	11 0	10 22	20 0	7 12	22 0	31 6
W13	17 49 15	39 3	33 16	29 0	29 23	16 0	49 9	17 0	45 23	12 0	10 22	19 0	7 12	22 0	31 6
T 14	18 5 19	3 2	39 15	49 0	49 23	27 0	51 9	32 0	45 23	12 0	10 22	19 0	7 12	21 0	31 6
F 15	18 21 21	33 1	36 15	12 1	7 23	37 0	54 9	46 0	45 23	13 0	10 22	18 0	7 12	20 0	31 6
S 16	18 36 22	56 0	26 14	39 1	24 23	47 0	56 10	1 0	44 23	13 0	10 22	18 0	7 12	19 0	31 6
S 17	18 51 23	2 0n46	14 10	1 38	23 56	0 58	10 15	0 44	23 14	0 10	22 17	0 7	12 18	0 31	6 30
M18	19 6 21	47 1	56 13	46 1	51 24	4 1	1 10	29 0	43 23	14 0	10 22	17 0	6 12	18 0	31 6
T 19	19 20 19	15 3	1 13	28 2	2 24	12 1	3 10	44 0	43 23	15 0	10 22	16 0	6 12	17 0	31 6
W20	19 34 15	33 3	57 13	15 2	11 24	19 1	5 10	58 0	43 23	15 0	9 22	16 0	6 12	16 0	31 6
T 21	19 48 10	57 4	39 13	7 2	18 24	25 1	8 11	12 0	42 23	15 0	9 22	15 0	6 12	16 0	31 6
F 22	20 1 5	41 5	4 13	4 2	23 24	30 1	10 11	26 0	42 23	16 0	9 22	14 0	6 12	15 0	31 6
S 23	20 14 0	4 5	10 13	7 2	27 24	35 1	12 11	40 0	41 23	16 0	9 22	14 0	6 12	14 0	31 6
S 24	20 26 5s35	4 56	13 13	2 29	24 39	1 14	11 54	0 41	23 16	0 9	22 13	0 6	12 13	0 31	6 31
M25	20 38 10	54 4	23 13	23 2	29 24	42 1	16 12	8 0	40 23	17 0	9 22	12 0	6 12	13 0	31 6
T 26	20 50 15	35 3	35 13	36 2	29 24	44 1	18 12	21 0	40 23	17 0	9 22	12 0	6 12	12 0	31 6
W27	21 1 19	18 2	33 13	53 2	27 24	46 1	20 12	35 0	40 23	17 0	9 22	11 0	6 12	11 0	31 6
T 28	21 12 21	51 1	25 14	11 2	24 24	47 1	22 12	49 0	39 23	17 0	9 22	10 0	6 12	11 0	31 6
F 29	21 23 23	4 0	13 14	32 2	21 24	47 1	24 13	2 0	39 23	17 0	9 22	10 0	6 12	10 0	31 6
S 30	21s33	23s 0	0s58	14s54	2n16	24s47	1s26	13s16	0n38	23s18	0n 8	22s 9	0n 6	12n 9	0s31

Julian Day Number = 2458788.5, Delta T = 70.81 sec

Ecliptic obliquity = 23°26'10, Nutation = - 0°00'18

Ayanamsha: Fagan/Bradley = 25°01'03, Lahiri = 24°08'03

SWISS EPHEMERIS for the year 2019

DECEMBER 2019

00:00 UT

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

Day	☉		☽		♀		♁		♂		♄		♃		♅		♆		♁		♁		♄		♁			
	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	21s43	21s44	2s 4	15s18	2n12	24s45	1s28	13s29	0n38	23s18	0n 8	22s 8	0n 5	12n 9	0s30	6s30	1s 2	22s20	0s37	23n 9	23n 4	7s 5	3n23	3n 2				
M 2	21 52	19 27	3 3	15 42	2 6	24 43	1 30	13 42	0 37	23 18	0 8	22 8	0 5	12 8	0 30	6 30	1 2	22 20	0 37	23 9	23 4	7 3	3 23	3 2				
T 3	22 1	16 21	3 52	16 7	2 1	24 40	1 31	13 55	0 37	23 18	0 8	22 7	0 5	12 8	0 30	6 30	1 2	22 19	0 37	23 9	23 5	7 0	3 22	3 2				
W 4	22 10	12 37	4 31	16 33	1 54	24 37	1 33	14 8	0 36	23 18	0 8	22 6	0 5	12 7	0 30	6 30	1 2	22 19	0 37	23 9	23 5	6 58	3 22	3 2				
T 5	22 18	8 26	4 58	16 59	1 48	24 32	1 34	14 21	0 36	23 18	0 8	22 5	0 5	12 6	0 30	6 30	1 2	22 19	0 37	23 9	23 5	6 55	3 21	3 1				
F 6	22 25	3 56	5 12	17 25	1 41	24 27	1 36	14 34	0 36	23 18	0 8	22 5	0 5	12 6	0 30	6 30	1 2	22 19	0 37	23 9	23 5	6 53	3 21	3 1				
S 7	22 33	0n45	5 13	17 52	1 34	24 21	1 37	14 47	0 35	23 18	0 8	22 4	0 5	12 5	0 30	6 30	1 2	22 19	0 37	23 9	23 5	6 50	3 21	3 1				
S 8	22 39	5 27	4 59	18 18	1 27	24 15	1 39	14 59	0 35	23 18	0 8	22 3	0 5	12 5	0 30	6 30	1 2	22 19	0 37	23 9	23 6	6 48	3 20	3 1				
M 9	22 46	10 2	4 32	18 43	1 20	24 8	1 40	15 12	0 34	23 18	0 8	22 2	0 5	12 4	0 30	6 29	1 2	22 18	0 37	23 10	23 6	6 45	3 20	3 1				
T 10	22 52	14 17	3 52	19 8	1 13	24 0	1 41	15 24	0 34	23 18	0 7	22 1	0 5	12 4	0 30	6 29	1 2	22 18	0 37	23 10	23 6	6 43	3 20	3 0				
W 11	22 57	18 0	2 59	19 33	1 5	23 51	1 43	15 37	0 33	23 18	0 7	22 1	0 5	12 3	0 30	6 29	1 2	22 18	0 37	23 10	23 6	6 40	3 19	3 0				
T 12	23 2	20 53	1 55	19 57	0 58	23 41	1 44	15 49	0 33	23 18	0 7	22 0	0 5	12 3	0 30	6 29	1 2	22 18	0 38	23 10	23 7	6 38	3 19	3 0				
F 13	23 6	22 42	0 44	20 21	0 50	23 31	1 45	16 1	0 32	23 18	0 7	21 59	0 5	12 2	0 30	6 29	1 2	22 18	0 38	23 10	23 7	6 36	3 19	3 0				
S 14	23 10	23 13	0n31	20 44	0 43	23 20	1 46	16 13	0 32	23 18	0 7	21 58	0 4	12 2	0 30	6 28	1 2	22 17	0 38	23 10	23 7	6 33	3 19	2 59				
S 15	23 14	22 20	1 45	21 6	0 36	23 9	1 47	16 25	0 31	23 18	0 7	21 57	0 4	12 1	0 30	6 28	1 2	22 17	0 38	23 10	23 7	6 31	3 19	2 59				
M 16	23 17	20 4	2 54	21 27	0 28	22 57	1 48	16 37	0 31	23 17	0 7	21 56	0 4	12 1	0 30	6 28	1 2	22 17	0 38	23 10	23 7	6 28	3 18	2 59				
T 17	23 20	16 36	3 53	21 47	0 21	22 44	1 48	16 48	0 30	23																		