

# SWISS EPHEMERIS for the year 2020

JANUARY 2020

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♆	♁	♁	♁	♁	♁
W 1	6 40 28	10♈ 0'34	16♋ 8	4♋23	14♋25	28♋23	6♋40	21♈24	2°R42	16♋16	22♈23	8°R23	8♋14	27♋3	1♃36
T 2	6 44 25	11° 1'44	28° 1	5°58	15°38	29° 3	6°54	21°31	2♃41	16°17	22°25	8♋23	8°11	27°10	1°37
F 3	6 48 21	12° 2'54	9♃54	7°33	16°52	29°44	7° 8	21°38	2°41	16°18	22°27	8°D23	8° 8	27°17	1°38
S 4	6 52 18	13° 4'04	21°50	9° 8	18° 5	0♃24	7°22	21°45	2°40	16°19	22°29	8°23	8° 5	27°23	1°39
S 5	6 56 14	14° 5'13	3♋55	10°44	19°18	1° 5	7°35	21°52	2°40	16°21	22°31	8°23	8° 2	27°30	1°40
M 6	7 0 11	15° 6'22	16°14	12°20	20°32	1°45	7°49	21°59	2°40	16°22	22°33	8°24	7°58	27°37	1°42
T 7	7 4 8	16° 7'31	28°50	13°56	21°45	2°25	8° 3	22° 6	2°39	16°23	22°35	8°25	7°55	27°43	1°43
W 8	7 8 4	17° 8'39	11♁47	15°33	22°58	3° 6	8°17	22°13	2°39	16°25	22°37	8°26	7°52	27°50	1°44
T 9	7 12 1	18° 9'48	25° 5	17°10	24°11	3°46	8°31	22°20	2°39	16°26	22°39	8°26	7°49	27°57	1°46
F 10	7 15 57	19°10'56	8♋44	18°47	25°24	4°27	8°44	22°27	2°39	16°27	22°41	8°R27	7°46	28° 4	1°47
S 11	7 19 54	20°12'03	22°44	20°25	26°37	5° 8	8°58	22°34	2°D39	16°29	22°43	8°26	7°43	28°10	1°49
S 12	7 23 50	21°13'11	7♁ 0	22° 4	27°50	5°48	9°12	22°42	2°39	16°30	22°45	8°25	7°39	28°17	1°50
M13	7 27 47	22°14'18	21°27	23°43	29° 3	6°29	9°25	22°49	2°39	16°32	22°47	8°24	7°36	28°24	1°52
T 14	7 31 43	23°15'25	6♁ 0	25°22	0♃16	7° 9	9°39	22°56	2°39	16°33	22°49	8°22	7°33	28°30	1°54
W15	7 35 40	24°16'31	20°32	27° 2	1°29	7°50	9°53	23° 3	2°39	16°35	22°51	8°20	7°30	28°37	1°55
T 16	7 39 37	25°17'38	4♋58	28°42	2°42	8°31	10° 6	23°10	2°40	16°36	22°53	8°18	7°27	28°44	1°57
F 17	7 43 33	26°18'44	19°14	0♃23	3°54	9°11	10°20	23°17	2°40	16°38	22°55	8°17	7°24	28°51	1°59
S 18	7 47 30	27°19'51	3♋18	2° 4	5° 7	9°52	10°34	23°24	2°40	16°40	22°57	8°D17	7°20	28°57	2° 1
S 19	7 51 26	28°20'57	17° 8	3°46	6°20	10°33	10°47	23°31	2°41	16°41	22°59	8°18	7°17	29° 4	2° 3
M20	7 55 23	29°22'03	0♃44	5°28	7°32	11°13	11° 1	23°38	2°41	16°43	23° 1	8°19	7°14	29°11	2° 5
T 21	7 59 19	0♃23'08	14° 7	7°10	8°44	11°54	11°14	23°45	2°42	16°45	23° 3	8°21	7°11	29°18	2° 7
W22	8 3 16	1°24'13	27°17	8°53	9°57	12°35	11°28	23°53	2°42	16°46	23° 5	8°22	7° 8	29°24	2° 9
T 23	8 7 12	2°25'18	10♈14	10°36	11° 9	13°16	11°41	24° 0	2°43	16°48	23° 7	8°R23	7° 4	29°31	2°11
F 24	8 11 9	3°26'22	23° 0	12°20	12°21	13°57	11°54	24° 7	2°43	16°50	23° 9	8°22	7° 1	29°38	2°13
S 25	8 15 6	4°27'26	5♋33	14° 3	13°33	14°37	12° 8	24°14	2°44	16°52	23°11	8°19	6°58	29°44	2°15
S 26	8 19 2	5°28'28	17°56	15°46	14°45	15°18	12°21	24°21	2°45	16°53	23°13	8°16	6°55	29°51	2°17
M27	8 22 59	6°29'30	0♃ 8	17°30	15°57	15°59	12°34	24°28	2°46	16°55	23°15	8°11	6°52	29°58	2°19
T 28	8 26 55	7°30'30	12°12	19°13	17° 9	16°40	12°48	24°35	2°46	16°57	23°17	8° 6	6°49	0♃ 5	2°22
W29	8 30 52	8°31'30	24° 8	20°56	18°20	17°21	13° 1	24°42	2°47	16°59	23°19	8° 0	6°45	0°11	2°24
T 30	8 34 48	9°32'28	6♃ 0	22°38	19°32	18° 2	13°14	24°49	2°48	17° 1	23°21	7°55	6°42	0°18	2°26
F 31	8 38 45	10♃33'26	17♃52	24♋19	20♋44	18♋43	13♈27	24♈56	2♃49	17♋ 3	23♈23	7♋51	6♋39	0♃25	2♃29

Day	☉	☽	♀	♁	♂	♃	♅	♁	♆	♁	♁	♁	♁	♁	♁
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
W 1	23s 4	9s58	4s54	24s38	1s16	18s16	1s50	19s27	0m22	23s11	0n 5	21s41	0n 3	11n57	0s30
T 2	22 59	5 33	5 12	24 40	1 22	17 54	1 50	19 36	0 21	23 10	0 5	21 40	0 3	11 56	0 30
F 3	22 53	0 57	5 17	24 40	1 26	17 31	1 49	19 45	0 20	23 10	0 5	21 39	0 3	11 56	0 30
S 4	22 48	3n44	5 8	24 38	1 31	17 8	1 48	19 55	0 20	23 9	0 5	21 38	0 3	11 56	0 30
S 5	22 41	8 20	4 46	24 35	1 36	16 44	1 48	20 3	0 19	23 8	0 5	21 37	0 3	11 56	0 29
M 6	22 35	12 41	4 11	24 31	1 40	16 20	1 47	20 12	0 19	23 7	0 5	21 36	0 3	11 56	0 29
T 7	22 28	16 36	3 22	24 26	1 44	15 55	1 46	20 21	0 18	23 7	0 5	21 35	0 3	11 56	0 29
W 8	22 20	19 51	2 22	24 18	1 47	15 30	1 45	20 29	0 17	23 6	0 5	21 34	0 3	11 56	0 29
T 9	22 12	22 7	1 13	24 10	1 51	15 5	1 44	20 38	0 17	23 5	0 5	21 33	0 3	11 56	0 29
F 10	22 4 23	11 0n	2 24	0	1 54	14 39	1 42	20 46	0 16	23 4	0 4	21 32	0 2	11 56	0 29
S 11	21 55	22 48	1 18	23 48	1 57	14 13	1 41	20 54	0 15	23 4	0 4	21 30	0 2	11 56	0 29
S 12	21 46	20 58	2 32	23 35	1 59	13 47	1 40	21 2	0 15	23 3	0 4	21 29	0 2	11 56	0 29
M13	21 36	17 45	3 36	23 21	2 1	13 20	1 38	21 9	0 14	23 2	0 4	21 28	0 2	11 56	0 29
T 14	21 26	13 26	4 27	23 4	2 3	12 53	1 36	21 17	0 14	23 1	0 4	21 27	0 2	11 56	0 29
W15	21 15	8 21	5 1	22 47	2 4	12 25	1 35	21 24	0 13	23 0	0 4	21 26	0 2	11 56	0 29
T 16	21 5	2 51	5 15	22 28	2 5	11 57	1 33	21 31	0 12	22 59	0 4	21 25	0 2	11 56	0 29
F 17	20 53	2s45	5 10	22 7	2 6	11 29	1 31	21 38	0 12	22 58	0 4	21 24	0 2	11 56	0 29
S 18	20 41	8 7	4 46	21 45	2 6	11 1	1 29	21 45	0 11	22 57	0 4	21 23	0 2	11 57	0 29
S 19	20 29	13 1	4 6	21 21	2 6	10 32	1 27	21 51	0 10	22 56	0 4	21 21	0 2	11 57	0 29
M20	20 17	17 10	3 13	20 55	2 5	10 3	1 25	21 58	0 9	22 55	0 4	21 20	0 2	11 57	0 29
T 21	20 4 20	21 10	2 10	20 28	2 4	9 34	1 23	22 4	0 9	22 54	0 3	21 19	0 2	11 57	0 29
W22	19 51	22 24	1 1	20 0	2 2	9 5	1 20	22 10	0 8	22 53	0 3	21 18	0 2	11 57	0 29
T 23	19 37	23 13	0s10	19 30	2 0	8 35	1 18	22 16	0 7	22 52	0 3	21 17	0 2	11 58	0 29
F 24	19 23	22 47	1 19	18 59	1 57	8 5	1 15	22 22	0 7	22 51	0 3	21 16	0 1	11 58	0 29
S 25	19 9 21	12 2	2 24	18 26	1 54	7 35	1 13	22 27	0 6	22 50	0 3	21 15	0 1	11 58	0 29
S 26	18 54	18 38	3 20	17 51	1 50	7 5	1 10	22 32	0 5	22 49	0 3	21 13	0 1	11 58	0 29
M27	18 39	15 16	4 6	17 16	1 45	6 35	1 8	22 38	0 4	22 48	0 3	21 12	0 1	11 59	0 29
T 28	18 23	11 19	4 41	16 39	1 40	6 4	1 5	22 42	0 4	22 46	0 3	21 11	0 1	11 59	0 29
W29	18 8	6 58	5 3	16 0	1 34	5 33	1 2	22 47	0 3	22 45	0 3	21 10	0 1	11 59	0 29
T 30	17 52	2 23	5 12	15 21	1 28	5 3	0 59	22 52	0 2	22 44	0 3	21 9	0 1	12 0	0 29
F 31	17s35	2n16	5s 7	14s41	1s20	4s32	0s56	22s56	0n 1	22s43	0n 3	21s 8	0n 1	12n 0	0s29

Julian Day Number = 2458849.5, Delta T = 71.07 sec  
 Ecliptic obliquity = 23°26'10", Nutation = - 0°00'16"  
 Ayanamsha: Fagan/Bradley = 25°01'11", Lahiri = 24°08'11"

# SWISS EPHEMERIS for the year 2020

## FEBRUARY 2020

## 00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
S 1	8 42 41	11 <sup>h</sup> 34'22"	29 <sup>h</sup> 46'	25 <sup>h</sup> 59'	21 <sup>h</sup> 55'	19 <sup>h</sup> 24'	13 <sup>h</sup> 30'	25 <sup>h</sup> 3'	2 <sup>h</sup> 50'	17 <sup>h</sup> 5'	23 <sup>h</sup> 25'	7 <sup>h</sup> R49	6 <sup>h</sup> 36'	0 <sup>h</sup> Y31	2 <sup>h</sup> Y31		
S 2	8 46 38	12 <sup>h</sup> 35'17"	11 <sup>h</sup> 48'	27 <sup>h</sup> 37'	23 <sup>h</sup> 6'	20 <sup>h</sup> 5'	13 <sup>h</sup> 53'	25 <sup>h</sup> 10'	2 <sup>h</sup> 51'	17 <sup>h</sup> 7'	23 <sup>h</sup> 27'	7 <sup>h</sup> D48	6 <sup>h</sup> 33'	0 <sup>h</sup> 38'	2 <sup>h</sup> 34'		
M 3	8 50 35	13 <sup>h</sup> 36'10"	24 <sup>h</sup> 3'	29 <sup>h</sup> 14'	24 <sup>h</sup> 17'	20 <sup>h</sup> 46'	14 <sup>h</sup> 6'	25 <sup>h</sup> 16'	2 <sup>h</sup> 53'	17 <sup>h</sup> 9'	23 <sup>h</sup> 29'	7 <sup>h</sup> 50'	6 <sup>h</sup> 30'	0 <sup>h</sup> 45'	2 <sup>h</sup> 36'		
T 4	8 54 31	14 <sup>h</sup> 37'02"	6 <sup>h</sup> II35	0 <sup>h</sup> X48	25 <sup>h</sup> 29'	21 <sup>h</sup> 27'	14 <sup>h</sup> 19'	25 <sup>h</sup> 23'	2 <sup>h</sup> 54'	17 <sup>h</sup> 11'	23 <sup>h</sup> 31'	7 <sup>h</sup> 50'	6 <sup>h</sup> 26'	0 <sup>h</sup> 52'	2 <sup>h</sup> 39'		
W 5	8 58 28	15 <sup>h</sup> 37'53"	19 <sup>h</sup> 28'	2 <sup>h</sup> 20'	26 <sup>h</sup> 40'	22 <sup>h</sup> 8'	14 <sup>h</sup> 32'	25 <sup>h</sup> 30'	2 <sup>h</sup> 55'	17 <sup>h</sup> 13'	23 <sup>h</sup> 33'	7 <sup>h</sup> 52'	6 <sup>h</sup> 23'	0 <sup>h</sup> 58'	2 <sup>h</sup> 42'		
T 6	9 2 24	16 <sup>h</sup> 38'43"	2 <sup>h</sup> 547	3 <sup>h</sup> 48'	27 <sup>h</sup> 50'	22 <sup>h</sup> 49'	14 <sup>h</sup> 45'	25 <sup>h</sup> 37'	2 <sup>h</sup> 56'	17 <sup>h</sup> 15'	23 <sup>h</sup> 34'	7 <sup>h</sup> R53	6 <sup>h</sup> 20'	1 <sup>h</sup> 5'	2 <sup>h</sup> 44'		
F 7	9 6 21	17 <sup>h</sup> 39'31"	16 <sup>h</sup> 33'	5 <sup>h</sup> 11'	29 <sup>h</sup> 1'	23 <sup>h</sup> 30'	14 <sup>h</sup> 58'	25 <sup>h</sup> 44'	2 <sup>h</sup> 58'	17 <sup>h</sup> 17'	23 <sup>h</sup> 36'	7 <sup>h</sup> 53'	6 <sup>h</sup> 17'	1 <sup>h</sup> 12'	2 <sup>h</sup> 47'		
S 8	9 10 17	18 <sup>h</sup> 40'18"	0 <sup>h</sup> Q45	6 <sup>h</sup> 31'	0 <sup>h</sup> Y12	24 <sup>h</sup> 11'	15 <sup>h</sup> 10'	25 <sup>h</sup> 50'	2 <sup>h</sup> 59'	17 <sup>h</sup> 19'	23 <sup>h</sup> 38'	7 <sup>h</sup> 51'	6 <sup>h</sup> 14'	1 <sup>h</sup> 19'	2 <sup>h</sup> 50'		
M 9	9 14 14	19 <sup>h</sup> 41'03"	15 <sup>h</sup> 21'	7 <sup>h</sup> 44'	1 <sup>h</sup> 22'	24 <sup>h</sup> 52'	15 <sup>h</sup> 23'	25 <sup>h</sup> 57'	3 <sup>h</sup> 1'	17 <sup>h</sup> 21'	23 <sup>h</sup> 40'	7 <sup>h</sup> 47'	6 <sup>h</sup> 10'	1 <sup>h</sup> 25'	2 <sup>h</sup> 52'		
S 10	9 18 10	20 <sup>h</sup> 41'47"	0 <sup>h</sup> II13	8 <sup>h</sup> 52'	2 <sup>h</sup> 32'	25 <sup>h</sup> 33'	15 <sup>h</sup> 35'	26 <sup>h</sup> 4'	3 <sup>h</sup> 2'	17 <sup>h</sup> 23'	23 <sup>h</sup> 42'	7 <sup>h</sup> 41'	6 <sup>h</sup> 7'	1 <sup>h</sup> 32'	2 <sup>h</sup> 55'		
T 11	9 22 7	21 <sup>h</sup> 42'30"	15 <sup>h</sup> 14'	9 <sup>h</sup> 53'	3 <sup>h</sup> 43'	26 <sup>h</sup> 14'	15 <sup>h</sup> 48'	26 <sup>h</sup> 11'	3 <sup>h</sup> 4'	17 <sup>h</sup> 25'	23 <sup>h</sup> 44'	7 <sup>h</sup> 34'	6 <sup>h</sup> 4'	1 <sup>h</sup> 39'	2 <sup>h</sup> 58'		
W 12	9 26 4	22 <sup>h</sup> 43'11"	0 <sup>h</sup> II14	10 <sup>h</sup> 46'	4 <sup>h</sup> 53'	26 <sup>h</sup> 55'	16 <sup>h</sup> 0'	26 <sup>h</sup> 17'	3 <sup>h</sup> 5'	17 <sup>h</sup> 27'	23 <sup>h</sup> 46'	7 <sup>h</sup> 27'	6 <sup>h</sup> 1'	1 <sup>h</sup> 45'	3 <sup>h</sup> 1'		
T 13	9 30 0	23 <sup>h</sup> 43'52"	15 <sup>h</sup> 4'	11 <sup>h</sup> 30'	6 <sup>h</sup> 3'	27 <sup>h</sup> 36'	16 <sup>h</sup> 13'	26 <sup>h</sup> 24'	3 <sup>h</sup> 7'	17 <sup>h</sup> 29'	23 <sup>h</sup> 47'	7 <sup>h</sup> 21'	5 <sup>h</sup> 58'	1 <sup>h</sup> 52'	3 <sup>h</sup> 4'		
F 14	9 33 57	24 <sup>h</sup> 44'31"	29 <sup>h</sup> 38'	12 <sup>h</sup> 6'	7 <sup>h</sup> 12'	28 <sup>h</sup> 18'	16 <sup>h</sup> 25'	26 <sup>h</sup> 30'	3 <sup>h</sup> 9'	17 <sup>h</sup> 31'	23 <sup>h</sup> 49'	7 <sup>h</sup> 16'	5 <sup>h</sup> 55'	1 <sup>h</sup> 59'	3 <sup>h</sup> 7'		
S 15	9 37 53	25 <sup>h</sup> 45'09"	13 <sup>h</sup> II50	12 <sup>h</sup> 32'	8 <sup>h</sup> 22'	28 <sup>h</sup> 59'	16 <sup>h</sup> 37'	26 <sup>h</sup> 37'	3 <sup>h</sup> 10'	17 <sup>h</sup> 33'	23 <sup>h</sup> 51'	7 <sup>h</sup> 13'	5 <sup>h</sup> 51'	2 <sup>h</sup> 6'	3 <sup>h</sup> 10'		
S 16	9 41 50	26 <sup>h</sup> 45'46"	27 <sup>h</sup> 40'	12 <sup>h</sup> 48'	9 <sup>h</sup> 31'	29 <sup>h</sup> 40'	16 <sup>h</sup> 50'	26 <sup>h</sup> 43'	3 <sup>h</sup> 12'	17 <sup>h</sup> 36'	23 <sup>h</sup> 53'	7 <sup>h</sup> D13	5 <sup>h</sup> 48'	2 <sup>h</sup> 12'	3 <sup>h</sup> 12'		
M 17	9 45 46	27 <sup>h</sup> 46'22"	11 <sup>h</sup> X 8	12 <sup>h</sup> R53	10 <sup>h</sup> 41'	0 <sup>h</sup> II21	17 <sup>h</sup> 2'	26 <sup>h</sup> 50'	3 <sup>h</sup> 14'	17 <sup>h</sup> 38'	23 <sup>h</sup> 54'	7 <sup>h</sup> 13'	5 <sup>h</sup> 45'	2 <sup>h</sup> 19'	3 <sup>h</sup> 15'		
T 18	9 49 43	28 <sup>h</sup> 46'57"	24 <sup>h</sup> 17'	12 <sup>h</sup> 49'	11 <sup>h</sup> 50'	1 <sup>h</sup> 3'	17 <sup>h</sup> 14'	26 <sup>h</sup> 56'	3 <sup>h</sup> 16'	17 <sup>h</sup> 40'	23 <sup>h</sup> 56'	7 <sup>h</sup> 14'	5 <sup>h</sup> 42'	2 <sup>h</sup> 26'	3 <sup>h</sup> 18'		
W 19	9 53 39	29 <sup>h</sup> 47'31"	7 <sup>h</sup> II 9	12 <sup>h</sup> 33'	12 <sup>h</sup> 59'	1 <sup>h</sup> 44'	17 <sup>h</sup> 26'	27 <sup>h</sup> 3'	3 <sup>h</sup> 18'	17 <sup>h</sup> 42'	23 <sup>h</sup> 58'	7 <sup>h</sup> R15	5 <sup>h</sup> 39'	2 <sup>h</sup> 33'	3 <sup>h</sup> 22'		
T 20	9 57 36	0 <sup>h</sup> X48'03"	19 <sup>h</sup> 47'	12 <sup>h</sup> 8'	14 <sup>h</sup> 8'	2 <sup>h</sup> 25'	17 <sup>h</sup> 38'	27 <sup>h</sup> 9'	3 <sup>h</sup> 20'	17 <sup>h</sup> 44'	24 <sup>h</sup> 0'	7 <sup>h</sup> 14'	5 <sup>h</sup> 36'	2 <sup>h</sup> 39'	3 <sup>h</sup> 25'		
F 21	10 1 33	1 <sup>h</sup> 48'34"	2 <sup>h</sup> II13	11 <sup>h</sup> 34'	15 <sup>h</sup> 16'	3 <sup>h</sup> 7'	17 <sup>h</sup> 50'	27 <sup>h</sup> 15'	3 <sup>h</sup> 22'	17 <sup>h</sup> 46'	24 <sup>h</sup> 1'	7 <sup>h</sup> 11'	5 <sup>h</sup> 32'	2 <sup>h</sup> 46'	3 <sup>h</sup> 28'		
S 22	10 5 29	2 <sup>h</sup> 49'03"	14 <sup>h</sup> 30'	10 <sup>h</sup> 51'	16 <sup>h</sup> 25'	3 <sup>h</sup> 48'	18 <sup>h</sup> 1'	27 <sup>h</sup> 22'	3 <sup>h</sup> 24'	17 <sup>h</sup> 49'	24 <sup>h</sup> 3'	7 <sup>h</sup> 5'	5 <sup>h</sup> 29'	2 <sup>h</sup> 53'	3 <sup>h</sup> 31'		
S 23	10 9 26	3 <sup>h</sup> 49'31"	26 <sup>h</sup> 40'	10 <sup>h</sup> 1'	17 <sup>h</sup> 33'	4 <sup>h</sup> 29'	18 <sup>h</sup> 13'	27 <sup>h</sup> 28'	3 <sup>h</sup> 26'	17 <sup>h</sup> 51'	24 <sup>h</sup> 5'	6 <sup>h</sup> 57'	5 <sup>h</sup> 26'	2 <sup>h</sup> 59'	3 <sup>h</sup> 34'		
M 24	10 13 22	4 <sup>h</sup> 49'57"	8 <sup>h</sup> X43	9 <sup>h</sup> 4'	18 <sup>h</sup> 41'	5 <sup>h</sup> 11'	18 <sup>h</sup> 25'	27 <sup>h</sup> 34'	3 <sup>h</sup> 28'	17 <sup>h</sup> 53'	24 <sup>h</sup> 6'	6 <sup>h</sup> 47'	5 <sup>h</sup> 23'	3 <sup>h</sup> 6'	3 <sup>h</sup> 37'		
T 25	10 17 19	5 <sup>h</sup> 50'22"	20 <sup>h</sup> 41'	8 <sup>h</sup> 4'	19 <sup>h</sup> 49'	5 <sup>h</sup> 52'	18 <sup>h</sup> 36'	27 <sup>h</sup> 40'	3 <sup>h</sup> 30'	17 <sup>h</sup> 55'	24 <sup>h</sup> 8'	6 <sup>h</sup> 35'	5 <sup>h</sup> 20'	3 <sup>h</sup> 13'	3 <sup>h</sup> 40'		
W 26	10 21 15	6 <sup>h</sup> 50'44"	2 <sup>h</sup> Y35	7 <sup>h</sup> 0'	20 <sup>h</sup> 57'	6 <sup>h</sup> 33'	18 <sup>h</sup> 48'	27 <sup>h</sup> 46'	3 <sup>h</sup> 32'	17 <sup>h</sup> 58'	24 <sup>h</sup> 9'	6 <sup>h</sup> 23'	5 <sup>h</sup> 16'	3 <sup>h</sup> 20'	3 <sup>h</sup> 44'		
T 27	10 25 12	7 <sup>h</sup> 51'05"	14 <sup>h</sup> 26'	5 <sup>h</sup> 55'	22 <sup>h</sup> 5'	7 <sup>h</sup> 15'	18 <sup>h</sup> 59'	27 <sup>h</sup> 52'	3 <sup>h</sup> 34'	18 <sup>h</sup> 0'	24 <sup>h</sup> 11'	6 <sup>h</sup> 11'	5 <sup>h</sup> 13'	3 <sup>h</sup> 26'	3 <sup>h</sup> 47'		
F 28	10 29 8	8 <sup>h</sup> 51'24"	26 <sup>h</sup> 18'	4 <sup>h</sup> 50'	23 <sup>h</sup> 12'	7 <sup>h</sup> 56'	19 <sup>h</sup> 10'	27 <sup>h</sup> 58'	3 <sup>h</sup> 37'	18 <sup>h</sup> 2'	24 <sup>h</sup> 12'	6 <sup>h</sup> 1'	5 <sup>h</sup> 10'	3 <sup>h</sup> 33'	3 <sup>h</sup> 50'		
S 29	10 33 5	9 <sup>h</sup> X51'42"	8 <sup>h</sup> II11	3 <sup>h</sup> X48	24 <sup>h</sup> Y19	8 <sup>h</sup> II38	19 <sup>h</sup> II22	28 <sup>h</sup> II 4	3 <sup>h</sup> II39	18 <sup>h</sup> X 4	24 <sup>h</sup> II14	5 <sup>h</sup> 54	5 <sup>h</sup> 5 7	3 <sup>h</sup> Y40	3 <sup>h</sup> Y53		

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂							
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat							
S 1	17s19	6n52	4s49	13s59	1s12	4s 1	0s53	23s 0	0n 1	22s42	0n 2	21s 6	0n 1	12n 0	0s29	6s 2	1s 1	22s 6	0s42	23n12	23n16	4s29	3n35	2n49
S 2	17 2 11 16	4 19	13 17	1 3	3 30	0 49	23 4	0s 0	22 40	0 2	21 5	0 1	12 1	0 29	6 2	1 1	22 5	0 42	23 12	23 16	4 27	3 36	2 49	
M 3	16 44 15 17	3 36	12 35	0 54	2 58	0 46	23 8	0 1	22 39	0 2	21 4	0 1	12 1	0 29	6 1	1 1	22 5	0 42	23 12	23 17	4 24	3 37	2 49	
T 4	16 27 18 44	2 42	11 52	0 43	2 27	0 43	23 11	0 2	22 38	0 2	21 3	0 1	12 2	0 29	6 0	1 1	22 5	0 42	23 12	23 17	4 21	3 38	2 49	
W 5	16 9 21 23	1 39	11 9	0 32	1 56	0 39	23 15	0 3	22 37	0 2	21 2	0 1	12 2	0 29	5 59	1 1	22 5	0 42	23 12	23 17	4 19	3 39	2 48	
T 6	15 51 22 57	0 28	10 26	0 20	1 24	0 36	23 18	0 3	22 35	0 2	21 0	0 1	12 3	0 28	5 58	1 1	22 5	0 42	23 12	23 17	4 16	3 40	2 48	
F 7	15 32 23 11	0n47	9 43	0 7	0 53	0 32	23 21	0 4	22 34	0 2	20 59	0 1	12 3	0 28	5 58	1 1	22 4	0 43	23 12	23 17	4 14	3 41	2 48	
S 8	15 14 21 57	2 1	9 2	0n 6	0 21	0 28	23 23	0 5	22 33	0 2	20 58	0 1	12 4	0 28	5 57	1 1	22 4	0 43	23 12	23 17	4 11	3 41	2 48	
S 9	14 55 19 14	3 9	8 21	0 20	0n10	0 25	23 26	0 6	22 31	0 2	20 57	0 1	12 4	0 28	5 56	1 1	22 4	0 43	23 12	23 18	4 8	3 42	2 48	
M 10	14 36 15 13	4 5	7 42	0 35	0 41	0 21	23 28	0 7	22 30	0 2	20 56	0 1	12 5	0 28	5 55	1 1	22 4	0 43	23 13	23 18	4 6	3 43	2 48	
T 11	14 16 10 12	4 45	7 5	0 50	1 13	0 17	23 30	0 7	22 29	0 1	20 55	0 1	12 5	0 28	5 54	1 1	22 3	0 43	23 13	23 18	4 3	3 44	2 47	
W 12	13 56 4 35	5 6	6 31	1 6	1 44	0 13	23 32	0 8	22 27	0 1	20 53	0 1	12 6	0 28	5 54	1 1	22 3	0 43	23 14	23 18	4 1	3 45	2 47	
T 13	13 37 1s14	5 5	5 59	1 22	2 16	0 9	23 34	0 9	22 26	0 1	20 52	0 1	12 6	0 28	5 53	1 1	22 3	0 43	23 14	23 18	3 58	3 46	2 47	
F 14	13 16 6 53	4 45	5 30	1 38	2 47	0 5	23 36	0 10	22 24	0 1	20 51	0s 0	12 7	0 28	5 52	1 1	22 3	0 43	23 14	23 18	3 55	3 47	2 47	
S 15	12 56 12 3	4 8	5 6	1 54	3 18	0 1	23 37	0 11	22 23	0 1	20 50	0 1	12 8	0 28	5 51	1 1	22 3	0 43	23 14	23 18	3 53	3 48	2 47	
S 16	12 35 16 27	3 17	4 45	2 10	3 49	0n 3	23 38	0 12	22 22	0 1	20 49	0 1	12 8	0 28	5 50	1 1	22 2	0 43	23 14	23 19	3 50	3 49	2 47	
M 17	12 15 19 52	2 16	4 28	2 26	4 20	0 7	23 39	0 13	22 20	0 1	20 48	0 1	12 9	0 28	5 49	1 1	22 2	0 44	23 14	23 19	3 47	3 50	2 46	
T 18	11 54 22 10	1 9	4 17	2 40	4 51	0 12	23 39	0 13	22 19	0 1	20 46	0 1	12 10	0 28	5 49	1 1	22 2	0 44	23 14	23 19	3 45	3 52	2 46	
W 19	11 33 23 14	0 1	4 10	2 54	5 22	0 16	23 40	0 14	22 17	0 1	20 45	0 1	12 10	0 28	5 48	1 1	22 2	0 44	23 14	23 19	3 42	3 53	2 46	
T 20	11 11 23 5	1s 7	4 8	3 7	5 53	0 20	23 40	0 15	22 16	0 1</														

# SWISS EPHEMERIS for the year 2020

MARCH 2020

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁
S 1	10 37 2	10♌51'57	20♌12	2°R48	25°Y26	9♌19	19♌33	28♌10	3♌41	18♌7	24♌16	5°R49	5♌4	3°Y46	3°Y57
M 2	10 40 58	11°52'10	2♌23	1♌53	26°33	10°1	19°44	28°16	3°44	18°9	24°17	5♌47	5°1	3°53	4°0
T 3	10 44 55	12°52'21	14°49	1°3	27°39	10°42	19°55	28°21	3°46	18°11	24°18	5°D47	4°57	4°0	4°3
W 4	10 48 51	13°52'30	27°36	0°18	28°45	11°23	20°5	28°27	3°49	18°13	24°20	5°47	4°54	4°7	4°7
T 5	10 52 48	14°52'37	10♌48	29♌41	29°51	12°5	20°16	28°33	3°51	18°16	24°21	5°R47	4°51	4°13	4°10
F 6	10 56 44	15°52'42	24°28	29°9	0♌57	12°46	20°27	28°38	3°54	18°18	24°23	5°46	4°48	4°20	4°13
S 7	11 0 41	16°52'45	8♌39	28°45	2°3	13°28	20°37	28°44	3°56	18°20	24°24	5°42	4°45	4°27	4°17
S 8	11 4 37	17°52'45	23°17	28°28	3°8	14°9	20°48	28°49	3°59	18°23	24°25	5°36	4°41	4°34	4°20
M 9	11 8 34	18°52'44	8♌19	28°17	4°13	14°51	20°58	28°55	4°2	18°25	24°27	5°27	4°38	4°40	4°24
T 10	11 12 31	19°52'40	23°35	28°D13	5°17	15°33	21°8	29°0	4°4	18°27	24°28	5°17	4°35	4°47	4°27
W 11	11 16 27	20°52'35	8♌54	28°15	6°22	16°14	21°18	29°5	4°7	18°29	24°29	5°6	4°32	4°54	4°31
T 12	11 20 24	21°52'28	24°5	28°23	7°26	16°56	21°28	29°11	4°10	18°32	24°31	4°56	4°29	5°0	4°34
F 13	11 24 20	22°52'19	8♌58	28°37	8°30	17°37	21°38	29°16	4°12	18°34	24°32	4°48	4°26	5°7	4°37
S 14	11 28 17	23°52'08	23°26	28°56	9°33	18°19	21°48	29°21	4°15	18°36	24°33	4°42	4°22	5°14	4°41
S 15	11 32 13	24°51'56	7♌26	29°21	10°36	19°1	21°58	29°26	4°18	18°38	24°34	4°39	4°19	5°21	4°44
M 16	11 36 10	25°51'42	20°59	29°50	11°39	19°42	22°7	29°31	4°21	18°41	24°35	4°38	4°16	5°27	4°48
T 17	11 40 6	26°51'27	4♌6	0♌23	12°42	20°24	22°17	29°36	4°24	18°43	24°37	4°38	4°13	5°34	4°51
W 18	11 44 3	27°51'09	16°52	1°1	13°44	21°5	22°26	29°41	4°27	18°45	24°38	4°38	4°10	5°41	4°55
T 19	11 48 0	28°50'50	29°21	1°43	14°46	21°47	22°35	29°45	4°30	18°48	24°39	4°36	4°7	5°47	4°58
F 20	11 51 56	29°50'30	11♌37	2°29	15°47	22°29	22°45	29°50	4°32	18°50	24°40	4°32	4°3	5°54	5°2
S 21	11 55 53	0°Y50'07	23°43	3°18	16°48	23°10	22°54	29°55	4°35	18°52	24°41	4°24	4°0	6°1	5°6
S 22	11 59 49	1°49'42	5♌43	4°10	17°49	23°52	23°2	29°59	4°38	18°54	24°42	4°14	3°57	6°8	5°9
M 23	12 3 46	2°49'16	17°38	5°5	18°49	24°34	23°11	0♌4	4°42	18°56	24°43	4°1	3°54	6°14	5°13
T 24	12 7 42	3°48'47	29°31	6°3	19°49	25°16	23°20	0°8	4°45	18°59	24°44	3°47	3°51	6°21	5°16
W 25	12 11 39	4°48'17	11♌23	7°4	20°48	25°57	23°28	0°12	4°48	19°1	24°45	3°32	3°47	6°28	5°20
T 26	12 15 35	5°47'44	23°15	8°8	21°47	26°39	23°37	0°17	4°51	19°3	24°46	3°18	3°44	6°35	5°23
F 27	12 19 32	6°47'10	5♌9	9°14	22°46	27°21	23°45	0°21	4°54	19°5	24°47	3°5	3°41	6°41	5°27
S 28	12 23 28	7°46'33	17°7	10°22	23°44	28°2	23°53	0°25	4°57	19°7	24°47	2°56	3°38	6°48	5°30
S 29	12 27 25	8°45'54	29°10	11°33	24°41	28°44	24°1	0°29	5°0	19°10	24°48	2°49	3°35	6°55	5°34
M 30	12 31 22	9°45'13	11♌23	12°46	25°38	29°26	24°9	0°33	5°3	19°12	24°49	2°46	3°32	7°1	5°37
T 31	12 35 18	10°Y44'29	23♌50	14♌0	26♌35	0♌7	24♌16	0♌37	5♌7	19♌14	24♌50	2♌44	3♌28	7♌8	5♌41

Day	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁	♁
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
S 1	7s29	14n18	3s38	7s17	3n25	10n52	1n7	23s31	0s25	22s1	0s0	20s33	0s1	12n19	0s28
M 2	7 7 17 54	2 48	7 45	3 16	11 21	1 12	23 29	0 26	22 0	0 0	20 32	0 1	12 19	0 28	5 37
T 3	6 44 20 46	1 49	8 13	3 5	11 50	1 16	23 27	0 27	21 58	0 1	20 31	0 1	12 20	0 28	5 36
W 4	6 21 22 41	0 43	8 39	2 54	12 18	1 21	23 24	0 28	21 57	0 1	20 30	0 1	12 21	0 28	5 35
T 5	5 57 23 26	0n27	9 4	2 41	12 46	1 26	23 22	0 29	21 55	0 1	20 28	0 2	12 22	0 28	5 35
F 6	5 34 22 49	1 37	9 27	2 28	13 14	1 31	23 19	0 30	21 54	0 1	20 27	0 2	12 23	0 28	5 34
S 7	5 11 20 45	2 45	9 49	2 14	13 41	1 36	23 16	0 31	21 52	0 1	20 26	0 2	12 24	0 28	5 33
S 8	4 47 17 16	3 44	10 8	2 0	14 8	1 41	23 12	0 32	21 51	0 1	20 25	0 2	12 25	0 28	5 32
M 9	4 24 12 36	4 28	10 25	1 46	14 35	1 46	23 9	0 33	21 49	0 1	20 24	0 2	12 26	0 28	5 31
T 10	4 0 7 4	4 55	10 40	1 32	15 1	1 51	23 5	0 34	21 48	0 1	20 23	0 2	12 26	0 28	5 30
W 11	3 37 1 4	5 0	10 52	1 17	15 28	1 56	23 1	0 35	21 46	0 1	20 22	0 2	12 27	0 28	5 29
T 12	3 13 4s56	4 45	11 3	1 3	15 53	2 1	22 57	0 36	21 45	0 2	20 21	0 2	12 28	0 28	5 28
F 13	2 50 10 32	4 10	11 11	0 50	16 19	2 6	22 53	0 37	21 43	0 2	20 20	0 2	12 29	0 28	5 27
S 14	2 26 15 25	3 19	11 17	0 36	16 44	2 11	22 49	0 38	21 42	0 2	20 19	0 2	12 30	0 27	5 27
S 15	2 2 19 16	2 19	11 21	0 23	17 9	2 16	22 44	0 39	21 41	0 2	20 18	0 2	12 31	0 27	5 26
M 16	1 39 21 56	1 12	11 22	0 10	17 33	2 20	22 39	0 40	21 39	0 2	20 17	0 2	12 32	0 27	5 25
T 17	1 15 23 20	0 3	11 22	0s2	17 57	2 25	22 34	0 41	21 38	0 2	20 16	0 2	12 33	0 27	5 24
W 18	0 51 23 26	1s4	11 20	0 14	18 21	2 30	22 29	0 42	21 36	0 2	20 15	0 3	12 34	0 27	5 23
T 19	0 28 22 21	2 7	11 15	0 25	18 44	2 35	22 23	0 43	21 35	0 2	20 15	0 3	12 35	0 27	5 22
F 20	0 4 20 13	3 2	11 9	0 36	19 7	2 40	22 18	0 44	21 34	0 2	20 14	0 3	12 36	0 27	5 21
S 21	0n20	17 12	3 48	1 1	0 47	19 29	2 45	22 12	0 46	21 32	0 3	20 13	0 3	12 37	0 27
S 22	0 44 13 30	4 24	10 52	0 57	19 51	2 50	22 6	0 47	21 31	0 3	20 12	0 3	12 38	0 27	5 20
M 23	1 7 9 17	4 47	10 40	1 6	20 13	2 54	21 59	0 48	21 29	0 3	20 11	0 3	12 39	0 27	5 19
T 24	1 31 4 45	4 58	10 27	1 15	20 34	2 59	21 53	0 49	21 28	0 3	20 10	0 3	12 40	0 27	5 18
W 25	1 55 0 3	4 56	10 12	1 24	20 54	3 4	21 46	0 50	21 27	0 3	20 9	0 3	12 41	0 27	5 17
T 26	2 18 4n40	4 42	9 56	1 31	21 15	3 9	21 40	0 51	21 25	0 3	20 8	0 3	12 42	0 27	5 16
F 27	2 42 9 14	4 14	9 38	1 39	21 34	3 13	21 33	0 52	21 24	0 3	20 8	0 3	12 44	0 27	5 15
S 28	3 5 13 29	3 36	9 19	1 46	21 54	3 18	21 26	0 54	21 23	0 3	20 7	0 3	12 45	0 27	5 15
S 29	3 28 17 15	2 47	8 58	1 52	22 12	3 22	21 18	0 55	21 22	0 3	20 6	0 3	12 46	0 27	5 14
M 30	3 52 20 19	1 50	8 35	1 58	22 31	3 27	21 11	0 56	21 20	0 4	20 5	0 4	12 47	0 27	5 13
T 31	4n15	22n31	0s47	8s12	2s4	22n49	3n31	21s3	0s57	21s19	0s4	20s5	0s4	12n48	0s27

Julian Day Number = 2458909.5, Delta T = 71.33 sec  
 Ecliptic obliquity = 23°26'12, Nutation = - 0°00'17  
 Ayanamsha: Fagan/Bradley = 25°01'19, Lahiri = 24°08'19

SWISS EPHEMERIS for the year 2020

APRIL 2020

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁
W 1	12 39 15	11°43'43"	6°33'	15°17'	27°31'	0°49'	24°24'	0°40'	5°10'	19°16'	24°51'	2°R44	3°25'	7°15'	5°44'
T 2	12 43 11	12°42'55"	19°39'	16°36'	28°26'	1°31'	24°31'	0°44'	5°13'	19°18'	24°51'	2°44'	3°22'	7°22'	5°48'
F 3	12 47 8	13°42'05"	3°11'	17°56'	29°21'	2°13'	24°38'	0°48'	5°16'	19°20'	24°52'	2°43'	3°19'	7°28'	5°51'
S 4	12 51 4	14°41'12"	17°10'	19°18'	0°11'15"	2°54'	24°46'	0°51'	5°20'	19°23'	24°53'	2°39'	3°16'	7°35'	5°55'
S 5	12 55 1	15°40'17"	1°39'	20°42'	1°9'	3°36'	24°52'	0°55'	5°23'	19°25'	24°53'	2°34'	3°12'	7°42'	5°58'
M 6	12 58 57	16°39'19"	16°32'	22°8'	2°2'	4°18'	24°59'	0°58'	5°26'	19°27'	24°54'	2°25'	3°9'	7°49'	6°2'
T 7	13 2 54	17°38'20"	1°44'	23°35'	2°54'	4°59'	25°6'	1°1'	5°29'	19°29'	24°54'	2°15'	3°6'	7°55'	6°5'
W 8	13 6 51	18°37'18"	17°5'	25°4'	3°46'	5°41'	25°12'	1°4'	5°33'	19°31'	24°55'	2°5'	3°3'	8°2'	6°9'
T 9	13 10 47	19°36'14"	2°11'21"	26°35'	4°37'	6°23'	25°19'	1°8'	5°36'	19°33'	24°55'	1°55'	3°0'	8°9'	6°12'
F 10	13 14 44	20°35'08"	17°24'	28°7'	5°27'	7°4'	25°25'	1°11'	5°40'	19°35'	24°56'	1°47'	2°57'	8°15'	6°16'
S 11	13 18 40	21°34'00"	2°7'3"	29°41'	6°16'	7°46'	25°31'	1°13'	5°43'	19°37'	24°56'	1°41'	2°53'	8°22'	6°19'
S 12	13 22 37	22°32'51"	16°15'	1°16'16"	7°5'	8°28'	25°37'	1°16'	5°46'	19°39'	24°57'	1°38'	2°50'	8°29'	6°23'
M13	13 26 33	23°31'40"	29°57'	2°53'	7°52'	9°10'	25°43'	1°19'	5°50'	19°41'	24°57'	1°D37'	2°47'	8°36'	6°26'
T 14	13 30 30	24°30'27"	13°11'	4°32'	8°39'	9°51'	25°48'	1°22'	5°53'	19°43'	24°57'	1°37'	2°44'	8°42'	6°29'
W15	13 34 26	25°29'13"	26°0'	6°12'	9°25'	10°33'	25°54'	1°24'	5°56'	19°45'	24°58'	1°R38'	2°41'	8°49'	6°33'
T 16	13 38 23	26°27'57"	8°29'	7°54'	10°10'	11°15'	25°59'	1°27'	6°0'	19°47'	24°58'	1°37'	2°38'	8°56'	6°36'
F 17	13 42 20	27°26'39"	20°43'	9°37'	10°54'	11°56'	26°4'	1°29'	6°3'	19°49'	24°58'	1°34'	2°34'	9°2'	6°39'
S 18	13 46 16	28°25'19"	2°45'	11°22'	11°37'	12°38'	26°9'	1°31'	6°7'	19°50'	24°59'	1°29'	2°31'	9°9'	6°43'
S 19	13 50 13	29°23'57"	14°41'	13°9'	12°19'	13°20'	26°14'	1°34'	6°10'	19°52'	24°59'	1°22'	2°28'	9°16'	6°46'
M20	13 54 9	0°22'34"	26°32'	14°57'	13°0'	14°1'	26°18'	1°36'	6°14'	19°54'	24°59'	1°12'	2°25'	9°23'	6°49'
T 21	13 58 6	1°21'09"	8°24'	16°47'	13°40'	14°43'	26°23'	1°38'	6°17'	19°56'	24°59'	1°1'	2°22'	9°29'	6°53'
W22	14 2 2	2°19'42"	20°16'	18°38'	14°19'	15°25'	26°27'	1°40'	6°20'	19°58'	24°59'	0°49'	2°18'	9°36'	6°56'
T 23	14 5 59	3°18'14"	2°11'	20°31'	14°56'	16°6'	26°31'	1°41'	6°24'	20°0'	24°59'	0°38'	2°15'	9°43'	6°59'
F 24	14 9 55	4°16'43"	14°11'	22°26'	15°33'	16°48'	26°35'	1°43'	6°27'	20°1'	24°59'	0°29'	2°12'	9°50'	7°2'
S 25	14 13 52	5°15'11"	26°17'	24°22'	16°8'	17°29'	26°39'	1°45'	6°31'	20°3'	25°0'	0°22'	2°9'	9°56'	7°6'
S 26	14 17 49	6°13'36"	8°30'	26°20'	16°41'	18°11'	26°42'	1°46'	6°34'	20°5'	25°R 0'	0°17'	2°6'	10°3'	7°9'
M27	14 21 45	7°12'00"	20°52'	28°20'	17°13'	18°52'	26°45'	1°48'	6°38'	20°7'	25°0'	0°14'	2°3'	10°10'	7°12'
T 28	14 25 42	8°10'22"	3°27'	0°21'	17°44'	19°34'	26°49'	1°49'	6°41'	20°8'	24°59'	0°D14'	1°59'	10°16'	7°15'
W29	14 29 38	9°8'41"	16°16'	2°23'	18°13'	20°15'	26°52'	1°50'	6°45'	20°10'	24°59'	0°15'	1°56'	10°23'	7°18'
T 30	14 33 35	10°8'59"	29°23'	4°27'	18°41'	20°55'	26°54'	1°51'	6°48'	20°12'	24°59'	0°16'	1°53'	10°30'	7°21'

Day	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁	♁									
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat									
W 1	4n38	23n37	0n20	7s47	2s 9	23n 6	3n35	20s55	0s58	21s18	0s 4	20s 4	0s 4	12n49	0s27	5s11	1s 1	21s57	0s48	23n25	23n24	1s50	4n46	2n42
T 2	5 1	23 27	1 28	7 20	2 13	23 23	3 40	20 47	0 59	21 17	0 4	20 3	0 4	12 50	0 27	5 10	1 1	21 57	0 48	23 25	23 24	1 48	4 47	2 42
F 3	5 24	21 56	2 34	6 52	2 17	23 39	3 44	20 39	1 1	21 16	0 4	20 2	0 4	12 51	0 27	5 10	1 1	21 57	0 49	23 25	23 24	1 45	4 48	2 42
S 4	5 47	19 3	3 32	6 23	2 21	23 55	3 48	20 31	1 2	21 14	0 4	20 2	0 4	12 52	0 27	5 9	1 1	21 57	0 49	23 25	23 24	1 42	4 50	2 42
S 5	6 10	14 55	4 19	5 53	2 24	24 10	3 52	20 22	1 3	21 13	0 4	20 1	0 4	12 53	0 27	5 8	1 1	21 57	0 49	23 25	23 24	1 40	4 51	2 42
M 6	6 33	9 46	4 50	5 22	2 26	24 25	3 56	20 13	1 4	21 12	0 4	20 0	0 4	12 54	0 27	5 7	1 1	21 57	0 49	23 25	23 24	1 37	4 52	2 42
T 7	6 55	3 55	5 1	4 49	2 28	24 39	4 0	20 5	1 6	21 11	0 5	20 0	0 4	12 56	0 27	5 6	1 1	21 57	0 49	23 25	23 24	1 34	4 54	2 42
W 8	7 18	2s13	4 51	4 15	2 30	24 53	4 4	19 56	1 7	21 10	0 5	19 59	0 4	12 57	0 27	5 6	1 1	21 57	0 49	23 25	23 24	1 32	4 55	2 42
T 9	7 40	8 13	4 20	3 40	2 31	25 6	4 7	19 46	1 8	21 9	0 5	19 59	0 4	12 58	0 27	5 5	1 1	21 57	0 49	23 25	23 24	1 29	4 56	2 42
F 10	8 2	13 38	3 32	3 4	2 31	25 19	4 11	19 37	1 9	21 8	0 5	19 58	0 4	12 59	0 27	5 4	1 1	21 57	0 49	23 25	23 24	1 26	4 58	2 42
S 11	8 24	18 7	2 30	2 26	2 31	25 31	4 14	19 28	1 11	21 7	0 5	19 57	0 5	13 0	0 27	5 3	1 1	21 57	0 49	23 26	23 24	1 23	4 59	2 42
S 12	8 46	21 23	1 21	1 48	2 31	25 43	4 17	19 18	1 12	21 6	0 5	19 57	0 5	13 1	0 27	5 3	1 1	21 57	0 50	23 26	23 24	1 21	5 0	2 42
M13	9 8	23 17	0 9	1 8	2 30	25 54	4 21	19 8	1 13	21 5	0 5	19 56	0 5	13 2	0 27	5 2	1 1	21 57	0 50	23 26	23 24	1 18	5 2	2 42
T 14	9 30	23 48	1s 1	0 28	2 28	26 5	4 24	18 58	1 14	21 4	0 6	19 56	0 5	13 3	0 27	5 1	1 1	21 57	0 50	23 26	23 25	1 15	5 3	2 42
W15	9 51	23 0	2 6	0n14	2 26	26 15	4 27	18 48	1 16	21 3	0 6	19 55	0 5	13 5	0 27	5 0	1 1	21 57	0 50	23 26	23 25	1 13	5 4	2 42
T 16	10 13	21 5	3 3	0 56	2 23	26 25	4 29	18 38	1 17	21 3	0 6	19 55	0 5	13 6	0 27	5 0	1 1	21 57	0 50	23 26	23 25	1 10	5 6	2 42
F 17	10 34	18 13	3 50	1 40	2 20	26 34	4 32	18 28	1 18	21 2	0 6	19 55	0 5	13 7	0 27	4 59	1 1	21 57	0 50	23 26	23 25	1 7	5 7	2 42
S 18	10 55	14 38	4 26	2 24	2 17	26 42	4 34	18 17	1 20	21 1	0 6	19 54	0 5	13 8	0 27	4 58	1 1	21 57	0 50	23 26	23 25	1 4	5 8	2 42
S 19	11 16	10 30	4 51	3 9	2 13	26 50	4 37	18 7	1 21	21 0	0 6	19 54	0 5	13 9	0 27	4 57	1 1	21 58	0 50	23 26	23 25	1 2	5 10	2 42
M20	11 36	6 0	5 2	3 55	2 8	26 58	4 39	17 56	1 22	21 0	0 6	19 53	0 5	13 10	0 27	4 57	1 1	21 58	0 51	23 26	23 25	0 59	5 11	2 42
T 21	11 57	1 17	5 1	4 42	2 3	27 5	4 41	17 45	1 24	20 59	0 6	19 53	0 5	13 11	0 27	4 56	1 1	21 58	0 51	23 26	23 25	0 56	5 12	2 42
W22	12 17	3n30	4 46	5 30	1 57	27 11	4 43	17 34	1 25	20 58	0 7	19 53	0 5	13 13	0 27	4 55	1 1	21 58	0 51	23 26	23 25	0 53	5 14	2 42
T 23	12 37	8 10	4 19	6 18	1 51	27 17	4 44	17 23	1 26	20 58	0 7	19 52	0 6	13 14	0 27	4 55	1 1	21 58	0 51	23 26	23 25	0 51	5 15	2 42
F 24	12 57	12 35	3 40	7 7	1 45	27 23	4 45	17 12	1 28	20 57	0 7	19 52	0 6	13 15	0 27	4 54	1 1	21 58	0 51	23 26	23 25	0 48	5 16	2 42
S 25	13 16	16 32	2 51	7 56	1 38	27 28	4 47	17 0	1 29	20 56	0 7	19 52	0 6	13 16	0 27	4 53	1 1	21 58	0 51	23 26	23 25	0 45	5 17	2 42
S 26	13 36	19 51	1 54	8 46	1 30	27 32	4 47	16 49	1 30	20 56	0 7	19 51	0 6	13 17	0 27	4 53	1 1	21 58	0 51	23 26	23 25	0 43	5 19	2 42
M27	13 55	22 17	0 50	9 36	1 22	27 36	4 48	16 37	1 32	20 55	0 7	19 51	0 6	13 18	0 27	4 52	1 1	21 58	0 51	23 26	23 25	0 40	5 20	2 42
T 28	14 14	23 41	0n17	10 27	1 14	27 40	4 49	16 25	1 33	20 55	0 7	19 51	0 6	13 19	0 27	4 51	1 1	21 58	0 51	23 26	23 25	0 37	5 21	2 42
W29	14 33	23 51	1 25	11 17	1 5	27 42	4 49	16 14	1 34	20 54	0 8	19 51	0 6	13 21	0 27	4 51	1 1	21 59	0 52	23 26	23 25	0 34	5 22	2 42
T 30	14n51	22n44	2n30	12n 8	0s56	27n45	4n49	16s 2	1s36	20s54	0s 8	19s51	0s 6	13n22	0s27	4s50	1s 2	21s59	0s52	23n26	23n25	0s32	5n24	2n42

SWISS EPHEMERIS for the year 2020

MAY 2020

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♆	♁	♁	♁	♁
F 1	14 37 31	11♈ 5'15	12♏52	6♋33	19♏ 7	21♏38	26♋57	1♏52	6♋52	20♈13	24♏R59	0♏R16	1♏50	10♏Y37	7♏Y24
S 2	14 41 28	12° 3'28	26°43	8°39	19°31	22°19	26°59	1°53	6°55	20°15	24♋59	0♋15	1°47	10°43	7°28
S 3	14 45 24	13° 1'39	10♏58	10°47	19°54	23° 1	27° 2	1°54	6°58	20°16	24°59	0°12	1°44	10°50	7°31
M 4	14 49 21	13°59'48	25°35	12°55	20°15	23°42	27° 4	1°55	7° 2	20°18	24°59	0° 8	1°40	10°57	7°34
T 5	14 53 18	14°57'56	10♌29	15° 5	20°34	24°23	27° 6	1°56	7° 5	20°19	24°58	0° 2	1°37	11° 3	7°36
W 6	14 57 14	15°56'01	25°33	17°15	20°51	25° 5	27° 7	1°56	7° 9	20°21	24°58	29♏55	1°34	11°10	7°39
T 7	15 1 11	16°54'05	10♏37	19°25	21° 6	25°46	27° 9	1°57	7°12	20°22	24°58	29°49	1°31	11°17	7°42
F 8	15 5 7	17°52'07	25°33	21°35	21°19	26°27	27°10	1°57	7°16	20°24	24°57	29°44	1°28	11°24	7°45
S 9	15 9 4	18°50'07	10♌10	23°45	21°29	27° 8	27°11	1°57	7°19	20°25	24°57	29°40	1°24	11°30	7°48
S 10	15 13 0	19°48'06	24°24	25°55	21°38	27°49	27°12	1°57	7°22	20°26	24°57	29°D39	1°21	11°37	7°51
M11	15 16 57	20°46'04	8♋12	28° 3	21°44	28°31	27°13	1°R57	7°26	20°28	24°56	29°39	1°18	11°44	7°54
T 12	15 20 53	21°44'00	21°32	0♏11	21°48	29°12	27°14	1°57	7°29	20°29	24°56	29°40	1°15	11°51	7°56
W13	15 24 50	22°41'55	4♌27	2°17	21°R50	29°53	27°14	1°57	7°32	20°30	24°55	29°42	1°12	11°57	7°59
T 14	15 28 47	23°39'49	17° 1	4°22	21°50	0♏34	27°14	1°57	7°36	20°32	24°55	29°43	1° 9	12° 4	8° 2
F 15	15 32 43	24°37'41	29°17	6°24	21°47	1°15	27°R14	1°57	7°39	20°33	24°54	29°R43	1° 5	12°11	8° 5
S 16	15 36 40	25°35'32	11♏21	8°25	21°42	1°56	27°14	1°56	7°42	20°34	24°54	29°42	1° 2	12°17	8° 7
S 17	15 40 36	26°33'22	23°17	10°23	21°34	2°36	27°14	1°56	7°46	20°35	24°53	29°39	0°59	12°24	8°10
M18	15 44 33	27°31'11	5♏ 8	12°19	21°24	3°17	27°13	1°55	7°49	20°37	24°53	29°35	0°56	12°31	8°12
T 19	15 48 29	28°28'58	17° 0	14°12	21°11	3°58	27°13	1°54	7°52	20°38	24°52	29°30	0°53	12°38	8°15
W20	15 52 26	29°26'44	28°55	16° 2	20°56	4°39	27°12	1°54	7°56	20°39	24°51	29°25	0°50	12°44	8°17
T 21	15 56 22	0♏24'29	10♋55	17°50	20°39	5°19	27°11	1°53	7°59	20°40	24°51	29°19	0°46	12°51	8°20
F 22	16 0 19	1°22'13	23° 4	19°35	20°19	6° 0	27° 9	1°52	8° 2	20°41	24°50	29°15	0°43	12°58	8°22
S 23	16 4 16	2°19'56	5♏21	21°16	19°58	6°40	27° 8	1°51	8° 5	20°42	24°49	29°12	0°40	13° 4	8°25
S 24	16 8 12	3°17'37	17°48	22°55	19°34	7°21	27° 6	1°49	8° 9	20°43	24°48	29°10	0°37	13°11	8°27
M25	16 12 9	4°15'17	0♌27	24°30	19° 7	8° 1	27° 4	1°48	8°12	20°44	24°48	29°D10	0°34	13°18	8°29
T 26	16 16 5	5°12'56	13°18	26° 2	18°39	8°42	27° 2	1°47	8°15	20°45	24°47	29°10	0°30	13°25	8°31
W27	16 20 2	6°10'33	26°23	27°31	18° 9	9°22	27° 0	1°45	8°18	20°46	24°46	29°12	0°27	13°31	8°34
T 28	16 23 58	7° 8'09	9♏43	28°57	17°38	10° 2	26°57	1°44	8°21	20°46	24°45	29°13	0°24	13°38	8°36
F 29	16 27 55	8° 5'44	23°18	0♌20	17° 5	10°42	26°55	1°42	8°24	20°47	24°44	29°14	0°21	13°45	8°38
S 30	16 31 51	9° 3'17	7♏ 9	1°39	16°30	11°22	26°52	1°40	8°27	20°48	24°43	29°R15	0°18	13°51	8°40
S 31	16 35 48	10♏ 0'48	21♏16	2♋55	15♏55	12♏ 2	26♋49	1♏39	8♋31	20♏49	24♋42	29♏14	0♋15	13♏58	8♏Y42

Day	☉		☽		♀		♁		♂		♃		♅		♁		♄		♆					
	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat				
F 1	15n 9	20n17	3n29	12n58	0s46	27n47	4n48	15s50	1s37	20s54	0s 8	19s50	0s 6	13n23	0s27	4s50	1s 2	21s59	0s52	23n26	23n25	0s29	5n25	2n42
S 2	15 27	16 38	4 17	13 49	0 36	27 48	4 47	15 37	1 39	20 53	0 8	19 50	0 6	13 24	0 27	4 49	1 2	21 59	0 52	23 26	23 25	0 26	5 26	2 42
S 3	15 45	11 56	4 51	14 39	0 26	27 49	4 46	15 25	1 40	20 53	0 8	19 50	0 6	13 25	0 27	4 48	1 2	21 59	0 52	23 26	23 26	0 23	5 27	2 42
M 4	16 2 6	27 5	5 7	15 28	0 16	27 49	4 45	15 13	1 41	20 53	0 8	19 50	0 7	13 26	0 27	4 48	1 2	21 59	0 52	23 26	23 26	0 21	5 29	2 42
T 5	16 19	0 30	5 3	16 16	0 5	27 49	4 43	15 0	1 43	20 53	0 8	19 50	0 7	13 27	0 27	4 47	1 2	21 59	0 52	23 26	23 26	0 18	5 30	2 42
W 6	16 36	5s33	4 38	17 4	0n 5	27 48	4 41	14 48	1 44	20 52	0 9	19 50	0 7	13 28	0 27	4 47	1 2	22 0	0 52	23 26	23 26	0 15	5 31	2 42
T 7	16 53	11 18	3 54	17 50	0 16	27 47	4 39	14 35	1 46	20 52	0 9	19 50	0 7	13 30	0 27	4 46	1 2	22 0	0 53	23 26	23 26	0 12	5 32	2 42
F 8	17 9	16 20	2 54	18 35	0 26	27 45	4 36	14 23	1 47	20 52	0 9	19 50	0 7	13 31	0 27	4 46	1 2	22 0	0 53	23 26	23 26	0 10	5 33	2 42
S 9	17 25	20 16	1 44	19 18	0 37	27 42	4 33	14 10	1 49	20 52	0 9	19 50	0 7	13 32	0 27	4 45	1 2	22 0	0 53	23 26	23 26	0 7	5 34	2 42
S 10	17 41	22 51	0 28	19 59	0 47	27 39	4 29	13 57	1 50	20 52	0 9	19 50	0 7	13 33	0 27	4 45	1 2	22 0	0 53	23 26	23 26	0 4	5 36	2 42
M11	17 57	23 57	0s46	20 39	0 57	27 36	4 25	13 44	1 51	20 52	0 9	19 50	0 7	13 34	0 27	4 44	1 3	22 1	0 53	23 26	23 26	0 1	5 37	2 42
T 12	18 12	23 38	1 56	21 16	1 6	27 31	4 21	13 31	1 53	20 52	0 10	19 50	0 7	13 35	0 27	4 44	1 3	22 1	0 53	23 26	23 26	0n 1	5 38	2 42
W13	18 27	22 1	2 58	21 51	1 16	27 26	4 16	13 18	1 54	20 52	0 10	19 51	0 7	13 36	0 27	4 43	1 3	22 1	0 53	23 26	23 26	0 4	5 39	2 42
T 14	18 41	19 22	3 49	22 24	1 24	27 21	4 10	13 5	1 56	20 52	0 10	19 51	0 7	13 37	0 27	4 43	1 3	22 1	0 53	23 26	23 26	0 7	5 40	2 42
F 15	18 55	15 55	4 29	22 54	1 33	27 15	4 4	12 51	1 57	20 52	0 10	19 51	0 8	13 38	0 27	4 42	1 3	22 1	0 53	23 26	23 26	0 10	5 41	2 42
S 16	19 9	11 52	4 56	23 21	1 40	27 8	3 58	12 38	1 59	20 53	0 10	19 51	0 8	13 39	0 27	4 42	1 3	22 2	0 54	23 26	23 26	0 12	5 42	2 42
S 17	19 23	7 24	5 10	23 46	1 47	27 1	3 51	12 25	2 0	20 53	0 10	19 51	0 8	13 41	0 27	4 41	1 3	22 2	0 54	23 26	23 26	0 15	5 43	2 42
M18	19 36	2 42	5 10	24 8	1 53	26 53	3 44	12 11	2 2	20 53	0 10	19 51	0 8	13 42	0 27	4 41	1 3	22 2	0 54	23 26	23 26	0 18	5 44	2 42
T 19	19 49	2n 6	4 57	24 28	1 59	26 44	3 36	11 58	2 3	20 53	0 11	19 52	0 8	13 43	0 27	4 41	1 3	22 2	0 54	23 26	23 26	0 21	5 45	2 42
W20	20 2 6	51 4	3 24	24 45	2 4	26 34	3 27	11 44	2 5	20 54	0 11	19 52	0 8	13 44	0 27	4 40	1 3	22 2	0 54	23 26	23 26	0 23	5 46	2 42
T 21	20 14	11 24	3 54	25 0	2 8	26 24	3 18	11 31	2 6	20 54	0 11	19 52	0 8	13 45	0 27	4 40	1 3	22 3	0 54	23 26	23 26	0 26	5 47	2 42
F 22	20 26	15 33	3 5	25 12	2 11	26 13	3 9	11 17	2 8	20 54	0 11	19 53	0 8	13 46	0 27	4 39	1 3	22 3	0 54	23 26	23 26	0 29	5 48	2 42
S 23	20 38	19 7	2 7	25 22	2 13	26 1	2 59	11 4	2 9	20 55	0 11	19 53	0 8	13 47	0 27	4 39	1 3	22 3	0 54	23 26	23 26	0 32	5 49	2 42
S 24	20 49	21 51	1 2	25 30	2 15																			

SWISS EPHEMERIS for the year 2020

JUNE 2020

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Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁	♁
M 1	16 39 45	10II58'18	5♁38	4♁7	15°R18	12♁42	26°R46	1°R37	8♁34	20♁50	24°R42	29°R13	0♁11	14°V 5	8°V44	
T 2	16 43 41	11°55'47	20°11	5°16	14II41	13°22	26♁43	1♁35	8°37	20°50	24♁41	29II12	0° 8	14°12	8°46	
W 3	16 47 38	12°53'14	4III50	6°21	14° 4	14° 1	26°39	1°33	8°40	20°51	24°40	29°10	0° 5	14°18	8°48	
T 4	16 51 34	13°50'41	19°30	7°23	13°26	14°41	26°35	1°30	8°43	20°52	24°39	29° 8	0° 2	14°25	8°50	
F 5	16 55 31	14°48'06	4♁ 4	8°21	12°48	15°20	26°32	1°28	8°46	20°52	24°38	29° 6	29II59	14°32	8°52	
S 6	16 59 27	15°45'31	18°25	9°16	12°11	16° 0	26°28	1°26	8°48	20°53	24°37	29° 5	29°56	14°39	8°54	
S 7	17 3 24	16°42'54	2♁28	10° 6	11°34	16°39	26°23	1°23	8°51	20°53	24°36	29°D 5	29°52	14°45	8°55	
M 8	17 7 20	17°40'17	16°11	10°53	10°58	17°19	26°19	1°21	8°54	20°54	24°34	29° 6	29°49	14°52	8°57	
T 9	17 11 17	18°37'39	29°30	11°35	10°23	17°58	26°15	1°18	8°57	20°54	24°33	29° 6	29°46	14°59	8°59	
W10	17 15 14	19°35'00	12♁28	12°14	9°49	18°37	26°10	1°16	9° 0	20°55	24°32	29° 7	29°43	15° 5	9° 0	
T 11	17 19 10	20°32'21	25° 5	12°48	9°17	19°16	26° 5	1°13	9° 3	20°55	24°31	29° 8	29°40	15°12	9° 2	
F 12	17 23 7	21°29'41	7♁24	13°19	8°46	19°55	26° 0	1°10	9° 5	20°56	24°30	29° 9	29°36	15°19	9° 3	
S 13	17 27 3	22°27'01	19°30	13°44	8°17	20°33	25°55	1° 7	9° 8	20°56	24°29	29°R 9	29°33	15°26	9° 5	
S 14	17 31 0	23°24'20	1°V28	14° 6	7°50	21°12	25°50	1° 4	9°11	20°56	24°28	29° 9	29°30	15°32	9° 6	
M15	17 34 56	24°21'39	13°21	14°22	7°25	21°50	25°44	1° 1	9°14	20°57	24°26	29° 9	29°27	15°39	9° 8	
T 16	17 38 53	25°18'58	25°14	14°35	7° 2	22°29	25°39	0°58	9°16	20°57	24°25	29° 8	29°24	15°46	9° 9	
W17	17 42 49	26°16'16	7♁11	14°43	6°41	23° 7	25°33	0°55	9°19	20°57	24°24	29° 8	29°21	15°52	9°10	
T 18	17 46 46	27°13'34	19°17	14°R46	6°23	23°45	25°27	0°52	9°21	20°57	24°23	29° 7	29°17	15°59	9°12	
F 19	17 50 43	28°10'51	1II33	14°44	6° 7	24°23	25°21	0°48	9°24	20°57	24°21	29° 7	29°14	16° 6	9°13	
S 20	17 54 39	29° 8'09	14° 2	14°39	5°53	25° 1	25°15	0°45	9°26	20°57	24°20	29°D 7	29°11	16°13	9°14	
S 21	17 58 36	0♁ 5'25	26°46	14°29	5°42	25°38	25° 9	0°41	9°29	20°58	24°19	29°R 7	29° 8	16°19	9°15	
M22	18 2 32	1° 2'42	9♁45	14°14	5°33	26°16	25° 3	0°38	9°31	20°58	24°18	29° 7	29° 5	16°26	9°16	
T 23	18 6 29	1°59'58	22°59	13°56	5°26	26°53	24°56	0°34	9°34	20°R58	24°16	29° 7	29° 2	16°33	9°17	
W24	18 10 25	2°57'13	6♁27	13°34	5°22	27°30	24°50	0°31	9°36	20°58	24°15	29° 7	28°58	16°39	9°18	
T 25	18 14 22	3°54'28	20° 9	13° 8	5°D20	28° 7	24°43	0°27	9°39	20°58	24°14	29° 6	28°55	16°46	9°19	
F 26	18 18 19	4°51'42	4♁ 1	12°40	5°21	28°44	24°36	0°23	9°41	20°57	24°12	29° 6	28°52	16°53	9°20	
S 27	18 22 15	5°48'56	18° 3	12° 9	5°24	29°21	24°29	0°20	9°43	20°57	24°11	29° 5	28°49	17° 0	9°20	
S 28	18 26 12	6°46'09	2♁12	11°36	5°29	29°57	24°22	0°16	9°45	20°57	24°10	29°D 5	28°46	17° 6	9°21	
M29	18 30 8	7°43'22	16°26	11° 1	5°36	0°V34	24°15	0°12	9°48	20°57	24° 8	29° 5	28°42	17°13	9°22	
T 30	18 34 5	8°40'34	0III43	10♁25	5II45	1°V10	24♁ 8	0♁ 8	9♁50	20♁57	24♁ 7	29II 5	28II39	17°V20	9°V23	

Day	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁	♁	♁
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl
M 1	22n 5	2n33	5n13	25n20	1n58	23n45	1n 8	8s59	2s23	21s 1	0s13	19s57	0s 9	13n56	0s27	4s36
T 2	22 13	3s20	4 54	25 12	1 52	23 27	0 54	8 45	2 24	21 1	0 13	19 57	0 9	13 57	0 27	4 36
W 3	22 20	9 6	4 16	25 2	1 46	23 8	0 40	8 31	2 26	21 2	0 13	19 58	0 9	13 58	0 27	4 36
T 4	22 28	14 22	3 22	24 52	1 38	22 50	0 25	8 18	2 27	21 3	0 13	19 59	0 9	13 59	0 27	4 36
F 5	22 34	18 46	2 14	24 40	1 30	22 31	0 11	8 4	2 29	21 4	0 13	19 59	0 10	14 0	0 27	4 36
S 6	22 41	21 57	0 59	24 27	1 21	22 12	0s 3	7 50	2 30	21 5	0 14	20 0	0 10	14 1	0 27	4 35
S 7	22 46	23 44	0s19	24 14	1 11	21 53	0 17	7 36	2 32	21 6	0 14	20 0	0 10	14 2	0 27	4 35
M 8	22 52	24 0	1 33	24 0	1 0	21 34	0 31	7 22	2 33	21 7	0 14	20 1	0 10	14 2	0 27	4 35
T 9	22 57	22 52	2 40	23 45	0 49	21 16	0 45	7 8	2 35	21 8	0 14	20 2	0 10	14 3	0 27	4 35
W10	23 2	20 32	3 38	23 29	0 37	20 57	0 58	6 54	2 36	21 9	0 14	20 2	0 10	14 4	0 27	4 35
T 11	23 6	17 17	4 23	23 14	0 24	20 39	1 12	6 40	2 38	21 10	0 14	20 3	0 10	14 5	0 27	4 35
F 12	23 10	13 20	4 54	22 57	0 11	20 22	1 25	6 26	2 39	21 11	0 15	20 4	0 10	14 6	0 27	4 35
S 13	23 13	8 56	5 12	22 41	0s 3	20 5	1 37	6 12	2 41	21 12	0 15	20 5	0 10	14 7	0 27	4 34
S 14	23 16	4 15	5 16	22 24	0 17	19 49	1 50	5 59	2 42	21 13	0 15	20 5	0 10	14 8	0 27	4 34
M15	23 19	0n33	5 7	22 7	0 32	19 33	2 1	5 45	2 44	21 14	0 15	20 6	0 11	14 9	0 27	4 34
T 16	23 21	5 21	4 45	21 51	0 48	19 18	2 13	5 31	2 45	21 16	0 15	20 7	0 11	14 9	0 27	4 34
W17	23 23	9 58	4 10	21 34	1 4	19 4	2 24	5 17	2 47	21 17	0 15	20 8	0 11	14 10	0 27	4 34
T 18	23 24	14 17	3 23	21 17	1 20	18 50	2 34	5 4	2 48	21 18	0 16	20 8	0 11	14 11	0 27	4 34
F 19	23 25	18 4	2 27	21 1	1 37	18 38	2 44	4 50	2 50	21 19	0 16	20 9	0 11	14 12	0 27	4 34
S 20	23 26	21 7	1 23	20 45	1 53	18 26	2 53	4 36	2 51	21 21	0 16	20 10	0 11	14 13	0 27	4 34
S 21	23 26	23 11	0 13	20 30	2 10	18 16	3 2	4 23	2 53	21 22	0 16	20 11	0 11	14 13	0 27	4 34
M22	23 26	24 3	0n59	20 15	2 26	18 6	3 11	4 9	2 54	21 23	0 16	20 12	0 11	14 14	0 27	4 34
T 23	23 25	23 35	2 8	20 1	2 42	17 57	3 19	3 56	2 56	21 25	0 16	20 13	0 11	14 15	0 27	4 34
W24	23 24	21 46	3 12	19 47	2 58	17 49	3 26	3 42	2 57	21 26	0 17	20 13	0 11	14 16	0 27	4 34
T 25	23 23	18 40	4 6	19 35	3 14	17 41	3 33	3 29	2 59	21 27	0 17	20 14	0 12	14 16	0 27	4 34
F 26	23 21	14 29	4 47	19 23	3 28	17 35	3 40	3 16	3 0	21 29	0 17	20 15	0 12	14 17	0 27	4 34
S 27	23 19	9 29	5 11	19 12	3 42	17 30	3 46	3 3	3 2	21 30	0 17	20 16	0 12	14 18	0 27	4 34
S 28	23 16	3 57	5 16	19 2	3 55	17 25	3 52	2 49	3 3	21 31	0 17	20 17	0 12	14 18	0 27	4 35
M29	23 13	1s49	5 2	18 53	4 6	17 21	3 57	2 36	3 5	21 33	0 17	20 18	0 12	14 19	0 27	4 35
T 30	23n 9	7s30	4n30	18n46	4s17	17n18	4s 2	2s23	3s 6	21s34	0s18	20s19	0s12	14n20	0s27	4s35

Julian Day Number = 2459001.5, Delta T = 71.72 sec  
 Ecliptic obliquity = 23°26'12, Nutation = - 0°00'18  
 Ayanamsha: Fagan/Bradley = 25°01'32, Lahiri = 24°08'32

SWISS EPHEMERIS for the year 2020

JULY 2020

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁
W 1	18 38 1	9♁3746	14♁59	9°R49	5♁56	1°Y46	24°R 1	0°R 4	9♁52	20°R57	24°R 5	29♁ 6	28♁36	17°Y26	9°Y23
T 2	18 41 58	10°34'57	29°12	9♁13	6°10	2°21	23♁54	29♁59	9°54	20°X56	24♁ 4	29° 7	28°33	17°33	9°24
F 3	18 45 54	11°32'08	13♁18	8°38	6°25	2°57	23°46	29°56	9°56	20°56	24° 3	29° 8	28°30	17°40	9°24
S 4	18 49 51	12°29'20	27°14	8° 4	6°43	3°32	23°39	29°52	9°58	20°56	24° 1	29°R 8	28°27	17°47	9°25
S 5	18 53 48	13°26'30	10♁57	7°33	7° 2	4° 8	23°32	29°48	10° 0	20°55	24° 0	29° 8	28°23	17°53	9°25
M 6	18 57 44	14°23'41	24°24	7° 4	7°23	4°42	23°24	29°43	10° 2	20°55	23°58	29° 7	28°20	18° 0	9°25
T 7	19 1 41	15°20'52	7♁34	6°38	7°46	5°17	23°17	29°39	10° 4	20°55	23°57	29° 5	28°17	18° 7	9°26
W 8	19 5 37	16°18'03	20°26	6°16	8°10	5°52	23° 9	29°35	10° 6	20°54	23°56	29° 3	28°14	18°13	9°26
T 9	19 9 34	17°15'15	3♁ 1	5°57	8°36	6°26	23° 1	29°31	10° 7	20°54	23°54	29° 0	28°11	18°20	9°26
F 10	19 13 30	18°12'26	15°20	5°43	9° 4	7° 0	22°54	29°27	10° 9	20°53	23°53	28°58	28° 8	18°27	9°26
S 11	19 17 27	19° 9'38	27°27	5°34	9°33	7°34	22°46	29°22	10°11	20°53	23°51	28°56	28° 4	18°34	9°26
S 12	19 21 23	20° 6'51	9°Y25	5°D30	10° 3	8° 7	22°38	29°18	10°12	20°52	23°50	28°54	28° 1	18°40	9°R26
M13	19 25 20	21° 4'04	21°18	5°31	10°35	8°41	22°31	29°13	10°14	20°51	23°48	28°D54	27°58	18°47	9°26
T 14	19 29 17	22° 1'17	3♁12	5°37	11° 9	9°14	22°23	29° 9	10°16	20°51	23°47	28°54	27°55	18°54	9°26
W15	19 33 13	22°58'31	15°10	5°48	11°43	9°46	22°15	29° 5	10°17	20°50	23°45	28°56	27°52	19° 0	9°26
T 16	19 37 10	23°55'46	27°17	6° 5	12°19	10°19	22° 7	29° 0	10°19	20°49	23°44	28°57	27°48	19° 7	9°26
F 17	19 41 6	24°53'01	9♁38	6°27	12°56	10°51	22° 0	28°56	10°20	20°49	23°43	28°59	27°45	19°14	9°26
S 18	19 45 3	25°50'17	22°16	6°55	13°35	11°23	21°52	28°51	10°22	20°48	23°41	29° 0	27°42	19°21	9°25
S 19	19 48 59	26°47'33	5♁13	7°28	14°14	11°54	21°44	28°47	10°23	20°47	23°40	29°R 0	27°39	19°27	9°25
M20	19 52 56	27°44'50	18°31	8° 7	14°54	12°26	21°37	28°43	10°24	20°46	23°38	28°59	27°36	19°34	9°25
T 21	19 56 52	28°42'08	2♁ 8	8°52	15°36	12°57	21°29	28°38	10°25	20°45	23°37	28°56	27°33	19°41	9°24
W22	20 0 49	29°39'26	16° 3	9°41	16°18	13°27	21°21	28°34	10°27	20°45	23°35	28°52	27°29	19°47	9°24
T 23	20 4 46	0♁36'44	0♁12	10°36	17° 2	13°57	21°14	28°29	10°28	20°44	23°34	28°47	27°26	19°54	9°23
F 24	20 8 42	1°33'04	1°30	11°36	17°46	14°27	21° 6	28°25	10°29	20°43	23°32	28°43	27°23	20° 1	9°22
S 25	20 12 39	2°31'22	28°52	12°42	18°31	14°57	20°59	28°20	10°30	20°42	23°31	28°39	27°20	20° 8	9°22
S 26	20 16 35	3°28'42	13♁14	13°52	19°17	15°26	20°51	28°16	10°31	20°41	23°30	28°36	27°17	20°14	9°21
M27	20 20 32	4°26'02	27°31	15° 8	20° 4	15°55	20°44	28°12	10°32	20°40	23°28	28°34	27°13	20°21	9°20
T 28	20 24 28	5°23'22	11♁41	16°28	20°51	16°23	20°37	28° 7	10°33	20°39	23°27	28°D34	27°10	20°28	9°20
W29	20 28 25	6°20'43	25°42	17°53	21°40	16°51	20°30	28° 3	10°34	20°38	23°25	28°35	27° 7	20°34	9°19
T 30	20 32 21	7°18'05	9♁34	19°23	22°29	17°19	20°22	27°58	10°35	20°37	23°24	28°37	27° 4	20°41	9°18
F 31	20 36 18	8♁15'27	23♁15	20♁57	23♁19	17°Y46	20♁15	27♁54	10♁36	20♁36	23♁23	28°R38	27♁ 1	20°Y48	9°Y17

Day	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁	♁									
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat									
W 1	23n 5	12s49	3n41	18n39	4s26	17n15	4s 6	2s10	3s 8	21s36	0s18	20s20	0s12	14n20	0s27	4s35	1s 5	22s15	0s59	23n26	23n26	2n21	6n15	2n45
T 2	23 1	17 24	2 38	18 34	4 34	17 14	4 10	1 58	3 9	21 37	0 18	20 21	0 12	14 21	0 27	4 35	1 5	22 16	0 59	23 26	23 26	2 23	6 15	2 45
F 3	22 56	20 58	1 26	18 30	4 40	17 13	4 13	1 45	3 11	21 38	0 18	20 22	0 12	14 22	0 27	4 35	1 5	22 16	0 59	23 26	23 26	2 26	6 16	2 45
S 4	22 51	23 14	0 10	18 28	4 44	17 13	4 17	1 32	3 12	21 40	0 18	20 23	0 12	14 22	0 27	4 35	1 5	22 16	0 59	23 26	23 26	2 29	6 16	2 45
S 5	22 45	24 4	1s 5	18 26	4 47	17 13	4 20	1 20	3 14	21 41	0 18	20 24	0 12	14 23	0 27	4 36	1 5	22 17	0 59	23 26	23 26	2 32	6 16	2 46
M 6	22 40	23 27	2 15	18 27	4 49	17 14	4 22	1 7	3 15	21 43	0 18	20 25	0 13	14 24	0 27	4 36	1 5	22 17	0 59	23 26	23 26	2 35	6 16	2 46
T 7	22 33	21 32	3 16	18 28	4 49	17 15	4 24	0 55	3 17	21 44	0 19	20 26	0 13	14 24	0 27	4 36	1 5	22 17	0 59	23 26	23 26	2 37	6 16	2 46
W 8	22 27	18 34	4 6	18 31	4 47	17 17	4 26	0 42	3 18	21 46	0 19	20 27	0 13	14 25	0 27	4 36	1 5	22 18	0 59	23 26	23 25	2 40	6 17	2 46
T 9	22 19	14 48	4 43	18 35	4 44	17 20	4 28	0 30	3 20	21 47	0 19	20 28	0 13	14 25	0 27	4 36	1 5	22 18	0 59	23 26	23 25	2 43	6 17	2 46
F 10	22 12	10 29	5 6	18 40	4 39	17 23	4 29	0 18	3 21	21 48	0 19	20 29	0 13	14 26	0 27	4 37	1 5	22 18	1 0	23 26	23 25	2 46	6 17	2 46
S 11	22 4	5 49	5 15	18 46	4 33	17 26	4 30	0 6	3 23	21 50	0 19	20 30	0 13	14 26	0 27	4 37	1 5	22 19	1 0	23 26	23 25	2 49	6 17	2 46
S 12	21 56	1 1	5 9	18 53	4 26	17 30	4 31	0n 6	3 24	21 51	0 19	20 31	0 13	14 27	0 27	4 37	1 5	22 19	1 0	23 26	23 25	2 51	6 17	2 46
M13	21 47	3n48	4 51	19 1	4 18	17 34	4 31	0 18	3 25	21 53	0 19	20 32	0 13	14 27	0 27	4 37	1 5	22 19	1 0	23 26	23 25	2 54	6 17	2 46
T 14	21 38	8 30	4 20	19 11	4 9	17 38	4 31	0 29	3 27	21 54	0 20	20 33	0 13	14 28	0 27	4 38	1 5	22 20	1 0	23 26	23 25	2 57	6 17	2 46
W15	21 29	12 54	3 38	19 20	3 59	17 43	4 31	0 41	3 28	21 55	0 20	20 34	0 13	14 28	0 27	4 38	1 5	22 20	1 0	23 26	23 25	3 0	6 17	2 46
T 16	21 19	16 52	2 45	19 31	3 47	17 48	4 31	0 52	3 30	21 57	0 20	20 35	0 13	14 29	0 27	4 38	1 5	22 20	1 0	23 26	23 25	3 3	6 17	2 46
F 17	21 9	20 10	1 44	19 41	3 36	17 53	4 30	1 3	3 31	21 58	0 20	20 36	0 14	14 29	0 27	4 39	1 5	22 21	1 0	23 26	23 25	3 6	6 17	2 47
S 18	20 59	22 36	0 37	19 52	3 23	17 58	4 30	1 15	3 32	22 0	0 20	20 37	0 14	14 30	0 27	4 39	1 5	22 21	1 0	23 26	23 25	3 8	6 17	2 47
S 19	20 48	23 54	0n34	20 4	3 10	18 3	4 29	1 26	3 34	22 1	0 20	20 38	0 14	14 30	0 27	4 39	1 5	22 21	1 0	23 26	23 25	3 11	6 17	2 47
M20	20 37	23 53	1 45	20 15	2 57	18 9	4 28	1 36	3 35	22 2	0 20	20 39	0 14	14 30	0 27	4 40	1 6	22 22	1 1	23 26	23 25	3 14	6 17	2 47
T 21	20 25	22 28	2 51	20 26	2 43	18 15	4 26	1 47	3 36	22 4	0 21	20 40	0 14	14 31	0 27	4 40	1 6	22 22	1 1	23 26	23 25	3 17	6 17	2 47
W22	20 13	19 40	3 49	20 37	2 28	18 20	4 25	1 58	3 38	22 5	0 21	20 41	0 14	14 31	0 27	4 40	1 6	22 22	1 1	23 26	23 25	3 20	6 17	2 47
T 23	20 1	15 40	4 34	20 47	2 14	18 26	4 23	2 8	3 39	22 6	0 21	20 41	0 14	14 32	0 27	4 41	1 6	22 23	1 1	23 26	23 25	3 22	6 17	2 47
F 24	19 49	10 44	5 2	20 57	1 59	18 32	4 21	2 18	3 40	22 8	0 21	20 42	0 14	14 32	0 27	4 41	1 6	22 23	1 1	23 26	23 25	3 25	6 16	2 47
S 25	19 36	5 13	5 11	21 6	1 45	18 38	4 19	2 29	3 42	22 9	0 21	20 43	0 14	14 32	0 27	4 42	1 6	22 23	1 1	23 26	23 25	3 28	6 16	2 47
S 26	19 23	0s35	5 1	21 13	1 30	18 44	4 17	2 39	3 43	22 10	0 21	20 44	0 14	14 32	0 27	4 42	1 6	22 24	1 1	23 26	23 25	3 31	6 16	2 47
M27	19 9	6 20	4 33	21 20	1 15	18 50	4 15	2 48	3 44	22 11	0 21	20 45	0 14	14 33	0 27	4 42	1 6	22 24	1 1	23 26	23 24	3 34	6 16	2 47
T 28	18 55	11 43	3 48	21 25	1 1	18 55	4 13	2 58	3 46	22 13	0 21	20 46	0 15	14 33	0 27	4 43	1 6	22 24	1 1	23 26	23 24	3 37	6 16	2 47
W29																								





SWISS EPHEMERIS for the year 2020

SEPTEMBER 2020

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁
T 1	22 42 28	9♍1'16	25♋2	21♍59	24♄18	27♃34	17°R38	25°R58	10°R35	19°R51	22°R45	26°R26	25♋19	24♃23	8°R23
W 2	22 46 24	9°59'19	7♃27	23°41	25°22	27°41	17♃36	25♃56	10♃34	19♃49	22♃44	26♋14	25°16	24°29	8♃21
T 3	22 50 21	10°57'23	19°43	25°22	26°26	27°48	17°34	25°53	10°33	19°47	22°43	26° 1	25°13	24°36	8°19
F 4	22 54 17	11°55'29	1♃50	27° 1	27°30	27°53	17°32	25°51	10°32	19°46	22°42	25°48	25°10	24°43	8°16
S 5	22 58 14	12°53'37	13°49	28°40	28°35	27°58	17°31	25°49	10°31	19°44	22°41	25°36	25° 6	24°49	8°14
S 6	23 2 10	13°51'47	25°42	0♌17	29°40	28° 2	17°29	25°46	10°30	19°42	22°41	25°26	25° 3	24°56	8°12
M 7	23 6 7	14°49'58	7♃32	1°53	0♌45	28° 5	17°28	25°44	10°29	19°41	22°40	25°18	25° 0	25° 3	8° 9
T 8	23 10 4	15°48'12	19°22	3°28	1°51	28° 7	17°27	25°42	10°28	19°39	22°39	25°13	24°57	25° 9	8° 7
W 9	23 14 0	16°46'28	1♃16	5° 2	2°56	28° 8	17°26	25°40	10°27	19°37	22°38	25°11	24°54	25°16	8° 4
T 10	23 17 57	17°44'46	13°20	6°34	4° 2	28°R 8	17°25	25°38	10°26	19°36	22°38	25°10	24°51	25°23	8° 2
F 11	23 21 53	18°43'05	25°38	8° 6	5° 8	28° 8	17°25	25°36	10°25	19°34	22°37	25°10	24°47	25°30	7°59
S 12	23 25 50	19°41'27	8♄16	9°36	6°15	28° 7	17°24	25°35	10°23	19°33	22°36	25° 9	24°44	25°36	7°57
S 13	23 29 46	20°39'51	21°19	11° 5	7°21	28° 4	17°D24	25°33	10°22	19°31	22°36	25° 8	24°41	25°43	7°54
M14	23 33 43	21°38'18	4♌49	12°33	8°28	28° 1	17°24	25°32	10°21	19°29	22°35	25° 3	24°38	25°50	7°52
T 15	23 37 39	22°36'46	18°49	14° 0	9°35	27°57	17°25	25°30	10°19	19°28	22°35	24°57	24°35	25°56	7°49
W16	23 41 36	23°35'16	3♍17	15°25	10°42	27°52	17°25	25°29	10°18	19°26	22°34	24°47	24°31	26° 3	7°47
T 17	23 45 33	24°33'48	18° 7	16°50	11°50	27°46	17°26	25°28	10°16	19°24	22°34	24°36	24°28	26°10	7°44
F 18	23 49 29	25°32'22	3♌12	18°13	12°57	27°40	17°27	25°26	10°15	19°23	22°33	24°25	24°25	26°17	7°41
S 19	23 53 26	26°30'58	18°21	19°34	14° 5	27°32	17°28	25°25	10°13	19°21	22°33	24°14	24°22	26°23	7°39
S 20	23 57 22	27°29'36	3♍24	20°55	15°13	27°24	17°29	25°24	10°12	19°19	22°32	24° 6	24°19	26°30	7°36
M21	0 1 19	28°28'16	18°12	22°14	16°21	27°15	17°31	25°24	10°10	19°18	22°32	24° 0	24°16	26°37	7°33
T 22	0 5 15	29°26'57	2♃40	23°32	17°29	27° 5	17°32	25°23	10° 8	19°16	22°31	23°57	24°12	26°43	7°31
W23	0 9 12	0♌25'40	16°44	24°49	18°37	26°54	17°34	25°22	10° 7	19°14	22°31	23°56	24° 9	26°50	7°28
T 24	0 13 8	1°24'25	0♃25	26° 3	19°46	26°42	17°36	25°22	10° 5	19°13	22°31	23°56	24° 6	26°57	7°25
F 25	0 17 5	2°23'11	13°43	27°17	20°54	26°30	17°38	25°21	10° 3	19°11	22°31	23°55	24° 3	27° 3	7°23
S 26	0 21 2	3°21'59	26°43	28°28	22° 3	26°17	17°41	25°21	10° 1	19°10	22°30	23°54	24° 0	27°10	7°20
S 27	0 24 58	4°20'49	9♋27	29°38	23°12	26° 3	17°43	25°20	9°59	19° 8	22°30	23°49	23°56	27°17	7°17
M28	0 28 55	5°19'41	21°59	0♌46	24°21	25°49	17°46	25°20	9°58	19° 6	22°30	23°42	23°53	27°24	7°15
T 29	0 32 51	6°18'34	4♃19	1°52	25°31	25°34	17°49	25°D20	9°56	19° 5	22°30	23°33	23°50	27°30	7°12
W30	0 36 48	7♌17'29	16♃31	2♍56	26♌40	25♃19	17♃52	25♃20	9♃54	19♃ 3	22♃30	23♋21	23♋47	27♃37	7♃ 9

Day	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁	♁
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
T 1	8n11	17s13	4s17	4n 1	0n54	19n22	1s55	6n38	4s15	22s41	0s25	21s14	0s17	14n33	0s28
W 2	7 49	13 11	4 45	3 15	0 48	19 16	1 50	6 40	4 15	22 41	0 25	21 14	0 17	14 33	0 28
T 3	7 27	8 39	4 59	2 29	0 41	19 8	1 45	6 43	4 16	22 41	0 25	21 15	0 17	14 33	0 28
F 4	7 5	3 51	4 59	1 43	0 35	19 1	1 41	6 44	4 16	22 42	0 25	21 15	0 17	14 32	0 28
S 5	6 43	1n 3	4 46	0 57	0 28	18 52	1 36	6 46	4 15	22 42	0 25	21 16	0 17	14 32	0 28
S 6	6 21	5 53	4 40	0 12	0 21	18 44	1 32	6 48	4 15	22 42	0 25	21 16	0 17	14 32	0 28
M 7	5 58	10 30	3 44	0s33	0 13	18 34	1 27	6 49	4 15	22 43	0 25	21 17	0 18	14 31	0 28
T 8	5 36	14 43	2 57	1 17	0 6	18 25	1 22	6 50	4 15	22 43	0 25	21 17	0 18	14 31	0 28
W 9	5 13	18 24	2 3	2 1	0s 2	18 14	1 18	6 51	4 15	22 43	0 25	21 18	0 18	14 31	0 28
T 10	4 51	21 22	1 2	2 45	0 9	18 4	1 13	6 51	4 14	22 43	0 25	21 18	0 18	14 30	0 28
F 11	4 28	23 24	0n 2	3 28	0 17	17 52	1 9	6 51	4 14	22 43	0 25	21 19	0 18	14 30	0 28
S 12	4 5 24	19 1	1 9	4 11	0 25	17 41	1 4	6 52	4 13	22 43	0 25	21 19	0 18	14 29	0 28
S 13	3 42	23 57	2 14	4 53	0 33	17 28	0 59	6 51	4 12	22 43	0 25	21 19	0 18	14 29	0 28
M14	3 19	22 11	3 13	5 35	0 41	17 16	0 55	6 51	4 12	22 43	0 25	21 20	0 18	14 29	0 28
T 15	2 56	19 2	4 3	6 16	0 49	17 2	0 51	6 50	4 11	22 43	0 25	21 20	0 18	14 28	0 28
W16	2 33	14 39	4 40	6 56	0 57	16 49	0 46	6 49	4 10	22 43	0 25	21 20	0 18	14 28	0 28
T 17	2 10	9 16	4 58	7 36	1 4	16 34	0 42	6 48	4 9	22 43	0 25	21 21	0 18	14 27	0 28
F 18	1 46	3 16	4 57	8 15	1 12	16 20	0 37	6 47	4 8	22 43	0 25	21 21	0 18	14 27	0 28
S 19	1 23	2s58	4 34	8 54	1 20	16 5	0 33	6 46	4 6	22 43	0 25	21 21	0 18	14 26	0 28
S 20	1 0 9	0 3 53	9 32	1 28	15 49	0 29	6 44	4 5	22 43	0 26	21 21	0 18	14 26	0 28	5 15
M21	0 36	14 25	2 57	10 8	1 36	15 33	0 24	6 42	4 3	22 43	0 26	21 21	0 18	14 25	0 28
T 22	0 13	18 54	1 50	10 45	1 44	15 16	0 20	6 40	4 2	22 43	0 26	21 22	0 18	14 25	0 28
W23	0s10	22 9	0 38	11 20	1 51	14 59	0 16	6 38	4 0	22 42	0 26	21 22	0 18	14 24	0 28
T 24	0 34	24 0	0s34	11 54	1 59	14 42	0 12	6 35	3 58	22 42	0 26	21 22	0 19	14 23	0 28
F 25	0 57	24 26	1 43	12 28	2 6	14 24	0 8	6 33	3 57	22 42	0 26	21 22	0 19	14 23	0 28
S 26	1 20	23 30	2 44	13 0	2 13	14 6	0 4	6 30	3 54	22 42	0 26	21 22	0 19	14 22	0 28
S 27	1 44	21 21	3 36	13 32	2 21	13 47	0n 0	6 27	3 52	22 41	0 26	21 22	0 19	14 22	0 28
M28	2 7	18 13	4 16	14 2	2 27	13 28	0 4	6 24	3 50	22 41	0 26	21 22	0 19	14 21	0 28
T 29	2 30	14 20	4 44	14 32	2 34	13 8	0 8	6 21	3 48	22 41	0 26	21 23	0 19	14 21	0 28
W30	2s54	9s54	4s58	15s 0	2s41	12n49	0n12	6n18	3s45	22s40	0s26	21s23	0s19	14n20	0s28

Julian Day Number = 2459093.5, Delta T = 72.12 sec  
 Ecliptic obliquity = 23°26'13, Nutation = - 0°00'16  
 Ayanamsha: Fagan/Bradley = 25°01'45, Lahiri = 24°08'45

SWISS EPHEMERIS for the year 2020

OCTOBER 2020

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
T 1	0 40 44	8♌16'26	28♋36	3♍57	27♏50	25°R 3	17♁55	25♁20	9°R52	19°R 2	22°R29	23°R 7	23♐44	27♑44	7°R 6	
F 2	0 44 41	9°15'25	10♑35	4°56	28°59	24♑46	17°59	25°21	9♌50	19♋ 0	22♁29	22♐54	23°41	27°50	7♑ 4	
S 3	0 48 37	10°14'26	22°29	5°52	0♐ 9	24°29	18° 3	25°21	9°48	18°59	22°29	22°41	23°37	27°57	7° 1	
S 4	0 52 34	11°13'29	4♌20	6°45	1°19	24°12	18° 6	25°21	9°46	18°57	22°29	22°30	23°34	28° 4	6°58	
M 5	0 56 31	12°12'35	16° 9	7°35	2°30	23°54	18°11	25°22	9°44	18°56	22°D29	22°22	23°31	28°10	6°56	
T 6	1 0 27	13°11'42	28° 0	8°21	3°40	23°36	18°15	25°23	9°41	18°54	22°29	22°17	23°28	28°17	6°53	
W 7	1 4 24	14°10'52	9♐55	9° 4	4°50	23°18	18°19	25°23	9°39	18°53	22°29	22°14	23°25	28°24	6°50	
T 8	1 8 20	15°10'04	21°58	9°42	6° 1	22°59	18°24	25°24	9°37	18°51	22°29	22°D13	23°22	28°30	6°48	
F 9	1 12 17	16° 9'18	4♌15	10°16	7°11	22°40	18°28	25°25	9°35	18°50	22°29	22°14	23°18	28°37	6°45	
S 10	1 16 13	17° 8'35	16°49	10°45	8°22	22°21	18°33	25°26	9°33	18°49	22°30	22°R14	23°15	28°44	6°42	
S 11	1 20 10	18° 7'54	29°47	11° 8	9°33	22° 2	18°39	25°27	9°31	18°47	22°30	22°13	23°12	28°51	6°40	
M12	1 24 6	19° 7'16	13♏11	11°25	10°44	21°43	18°44	25°28	9°28	18°46	22°30	22°11	23° 9	28°57	6°37	
T 13	1 28 3	20° 6'39	27° 5	11°36	11°55	21°23	18°49	25°30	9°26	18°44	22°30	22° 6	23° 6	29° 4	6°34	
W14	1 32 0	21° 6'05	11♐29	11°R40	13° 7	21° 4	18°55	25°31	9°24	18°43	22°31	21°59	23° 2	29°11	6°32	
T 15	1 35 56	22° 5'33	26°18	11°37	14°18	20°45	19° 1	25°33	9°21	18°42	22°31	21°50	22°59	29°17	6°29	
F 16	1 39 53	23° 5'03	11♌27	11°25	15°30	20°26	19° 7	25°34	9°19	18°40	22°31	21°41	22°56	29°24	6°27	
S 17	1 43 49	24° 4'36	26°45	11° 6	16°41	20° 8	19°13	25°36	9°17	18°39	22°31	21°32	22°53	29°31	6°24	
S 18	1 47 46	25° 4'10	12♍ 1	10°38	17°53	19°49	19°19	25°38	9°14	18°38	22°32	21°25	22°50	29°37	6°21	
M19	1 51 42	26° 3'47	27° 5	10° 1	19° 5	19°31	19°25	25°40	9°12	18°37	22°32	21°21	22°47	29°44	6°19	
T 20	1 55 39	27° 3'25	11♌48	9°15	20°17	19°13	19°32	25°42	9°10	18°35	22°33	21°19	22°43	29°51	6°16	
W21	1 59 35	28° 3'05	26° 5	8°22	21°29	18°56	19°39	25°44	9° 7	18°34	22°33	21°D18	22°40	29°58	6°14	
T 22	2 3 32	29° 2'47	9♁55	7°21	22°41	18°39	19°45	25°46	9° 5	18°33	22°34	21°19	22°37	0♌ 4	6°11	
F 23	2 7 29	0♍ 2'31	23°18	6°13	23°53	18°23	19°53	25°48	9° 2	18°32	22°34	21°20	22°34	0°11	6° 9	
S 24	2 11 25	1° 2'16	6♋18	5° 1	25° 5	18° 7	20° 0	25°51	9° 0	18°31	22°35	21°R20	22°31	0°18	6° 7	
S 25	2 15 22	2° 2'03	18°59	3°46	26°17	17°51	20° 7	25°53	8°57	18°30	22°35	21°18	22°28	0°24	6° 4	
M26	2 19 18	3° 1'51	1♋23	2°30	27°30	17°37	20°15	25°56	8°55	18°29	22°36	21°15	22°24	0°31	6° 2	
T 27	2 23 15	4° 1'41	13°35	1°15	28°42	17°22	20°22	25°58	8°53	18°28	22°37	21° 9	22°21	0°38	6° 0	
W28	2 27 11	5° 1'33	25°38	0° 4	29°55	17° 9	20°30	26° 1	8°50	18°27	22°37	21° 1	22°18	0°44	5°57	
T 29	2 31 8	6° 1'27	7♑35	28♌59	1♌ 8	16°56	20°38	26° 4	8°48	18°26	22°38	20°53	22°15	0°51	5°55	
F 30	2 35 4	7° 1'22	19°28	28° 2	2°20	16°44	20°46	26° 7	8°45	18°25	22°39	20°44	22°12	0°58	5°53	
S 31	2 39 1	8♍ 1'20	1♌20	27♌14	3♌33	16♑33	20♁54	26♁10	8♌43	18♋24	22♁40	20♐36	22♐ 8	1♌ 4	5♑51	

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl
T 1	3s17	5s 8	4s59	15s27	2s47	12n28	0n16	6n14	3s43	22s40	0s26	21s23	0s19	14n19	0s28	5s22
F 2	3 40	0 12	4 47	15 52	2 53	12 8	0 19	6 11	3 40	22 39	0 26	21 23	0 19	14 19	0 28	5 23
S 3	4 3	4n42	4 22	16 16	2 58	11 46	0 23	6 7	3 37	22 39	0 26	21 23	0 19	14 18	0 28	5 23
S 4	4 26	9 26	3 45	16 39	3 3	11 25	0 27	6 4	3 34	22 39	0 26	21 23	0 19	14 17	0 28	5 24
M 5	4 50	13 49	2 59	17 0	3 8	11 3	0 30	6 0	3 31	22 38	0 26	21 23	0 19	14 17	0 28	5 24
T 6	5 13	17 41	2 5	17 19	3 12	10 41	0 33	5 56	3 28	22 37	0 26	21 22	0 19	14 16	0 28	5 25
W 7	5 36	20 52	1 5	17 36	3 16	10 18	0 37	5 53	3 25	22 37	0 26	21 22	0 19	14 15	0 28	5 26
T 8	5 58	23 10	0 1	17 51	3 19	9 56	0 40	5 49	3 21	22 36	0 26	21 22	0 19	14 15	0 28	5 26
F 9	6 21	24 26	1n 4	18 4	3 21	9 32	0 43	5 45	3 18	22 36	0 26	21 22	0 19	14 14	0 28	5 27
S 10	6 44	24 29	2 7	18 15	3 23	9 9	0 47	5 41	3 15	22 35	0 26	21 22	0 19	14 13	0 28	5 27
S 11	7 7	23 14	3 6	18 23	3 23	8 45	0 50	5 38	3 11	22 34	0 26	21 22	0 19	14 13	0 28	5 28
M12	7 29	20 39	3 57	18 28	3 23	8 21	0 53	5 34	3 7	22 34	0 26	21 22	0 19	14 12	0 28	5 28
T 13	7 52	16 48	4 36	18 31	3 22	7 57	0 56	5 30	3 3	22 33	0 26	21 21	0 19	14 11	0 28	5 29
W14	8 14	11 52	4 59	18 30	3 20	7 32	0 58	5 27	3 0	22 32	0 26	21 21	0 19	14 10	0 28	5 29
T 15	8 36	6 7	5 4	18 25	3 16	7 7	1 1	5 23	2 56	22 31	0 26	21 21	0 20	14 10	0 28	5 30
F 16	8 58	0s 8	4 47	18 17	3 11	6 42	1 4	5 20	2 52	22 31	0 26	21 21	0 20	14 9	0 28	5 30
S 17	9 20	6 26	4 9	18 4	3 4	6 17	1 7	5 16	2 48	22 30	0 26	21 20	0 20	14 8	0 28	5 31
S 18	9 42	12 21	3 14	17 48	2 56	5 51	1 9	5 13	2 44	22 29	0 26	21 20	0 20	14 7	0 28	5 31
M19	10 4	17 27	2 6	17 27	2 46	5 25	1 12	5 10	2 40	22 28	0 26	21 20	0 20	14 7	0 28	5 32
T 20	10 25	21 22	0 51	17 1	2 34	4 59	1 14	5 7	2 35	22 27	0 27	21 20	0 20	14 6	0 28	5 32
W21	10 47	23 48	0s26	16 31	2 21	4 33	1 16	5 5	2 31	22 26	0 27	21 19	0 20	14 5	0 28	5 33
T 22	11 8	24 42	1 38	15 56	2 6	4 7	1 19	5 2	2 27	22 25	0 27	21 19	0 20	14 4	0 28	5 33
F 23	11 29	24 7	2 43	15 18	1 49	3 40	1 21	5 0	2 23	22 24	0 27	21 18	0 20	14 4	0 28	5 34
S 24	11 50	22 13	3 38	14 37	1 30	3 13	1 23	4 58	2 19	22 23	0 27	21 18	0 20	14 3	0 28	5 34
S 25	12 11	19 15	4 20	13 53	1 11	2 46	1 25	4 56	2 14	22 22	0 27	21 18	0 20	14 2	0 28	5 34
M26	12 31	15 29	4 50	13 8	0 51	2 19	1 27	4 54	2 10	22 21	0 27	21 17	0 20	14 1	0 28	5 35
T 27	12 52	11 9	5 5	12 23	0 30	1 52	1 29	4 53	2 6	22 20	0 27	21 17	0 20	14 1	0 28	5 35
W28	13 12	6 25	5 7	11 38	0 9	1 25	1 30	4 52	2 2	22 19	0 27	21 16	0 20	14 0	0 28	5 36
T 29	13 32	1 30	4 55	10 57	0n11	0 57	1 32	4 51	1 57	22 18	0 27	21 16	0 20	13 59	0 28	5 36
F 30	13 51	3n27	4 30	10 18	0 30	0 30	1 33	4 50	1 53	22 16	0 27	21 15	0 20	13 58	0 28	5 36
S 31	14s11	8n16	3s54	9s44	0n48	0n 2	1n35	4n50	1s49	22s15	0s27	21s15	0s20	13n57	0s28	5s37

Julian Day Number = 2459123.5, Delta T = 72.25 sec  
 Ecliptic obliquity = 23°26'13, Nutation = - 0°00'18  
 Ayanamsha: Fagan/Bradley = 25°01'49, Lahiri = 24°08'49

SWISS EPHEMERIS for the year 2020

NOVEMBER 2020

00:00 UT

Table with 16 columns for celestial bodies and 30 rows for days of the month. Columns include Day, Sid.t, and various zodiac signs and planetary symbols.

Table with 17 columns for celestial bodies and 30 rows for days of the month. Columns include Day and detailed declination/latitude data for each body.

Julian Day Number = 2459154.5, Delta T = 72.38 sec
Ecliptic obliquity = 23°26'13", Nutation = -0°00'19"
Ayanamsha: Fagan/Bradley = 25°01'53", Lahiri = 24°08'53"

SWISS EPHEMERIS for the year 2020

DECEMBER 2020

00:00 UT

Table with 16 columns representing celestial coordinates and symbols. Rows include days from T 1 to T 31, with values for Sid.t, Sun, Moon, and various planets (Mercury, Venus, Mars, Jupiter, Saturn, Uranus, Neptune, Pluto) in degrees and minutes.

Table with 16 columns representing celestial coordinates and symbols. Rows include days from T 1 to T 31, with values for declination, latitude, and various planets (Mercury, Venus, Mars, Jupiter, Saturn, Uranus, Neptune, Pluto) in degrees, minutes, and seconds.

Julian Day Number = 2459184.5, Delta T = 72.51 sec
Ecliptic obliquity = 23°26'13", Nutation = - 0°00'18"
Ayanamsha: Fagan/Bradley = 25°01'57", Lahiri = 24°08'57"