

SWISS EPHEMERIS for the year 773

JANUARY 773 C.E.JC

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♁	♁	♁	♁	♁	♁	♁
F 1	6 56 30	14♌55'07	20♋51	8°R 5	20♋ 8	23♌18	15♌41	19°R38	13°R 0	8°R24	19♌39	6°R52	6♌30	16°Y33	0♌19	
S 2	7 0 27	15°56'11	3♋22	6♌58	21°21	23°58	15°51	19♌37	12♌58	8♌22	19°41	6♌50	6°27	16°39	0°25	
S 3	7 4 23	16°57'14	15°38	5°58	22°34	24°39	16° 0	19°36	12°56	8°21	19°43	6°49	6°23	16°46	0°31	
M 4	7 8 20	17°58'15	27°42	5° 5	23°47	25°20	16° 9	19°35	12°54	8°19	19°45	6°48	6°20	16°53	0°36	
T 5	7 12 17	18°59'16	9♌38	4°22	25° 0	26° 1	16°19	19°34	12°52	8°18	19°47	6°47	6°17	16°59	0°42	
W 6	7 16 13	20° 0'15	21°31	3°47	26°13	26°42	16°28	19°33	12°50	8°16	19°49	6°D47	6°14	17° 6	0°48	
T 7	7 20 10	21° 1'13	3♌24	3°21	27°25	27°23	16°37	19°32	12°49	8°14	19°51	6°47	6°11	17°13	0°53	
F 8	7 24 6	22° 2'09	15°24	3° 3	28°38	28° 3	16°46	19°30	12°47	8°13	19°53	6°48	6° 8	17°20	0°59	
S 9	7 28 3	23° 3'05	27°33	2°54	29°51	28°44	16°54	19°29	12°45	8°11	19°54	6°50	6° 4	17°26	1° 4	
S 10	7 31 59	24° 3'58	9♌58	2°D53	1♋ 3	29°25	17° 3	19°27	12°43	8°10	19°56	6°51	6° 1	17°33	1°10	
M11	7 35 56	25° 4'51	22°40	3° 0	2°16	0♌ 6	17°12	19°26	12°41	8° 8	19°58	6°52	5°58	17°40	1°16	
T 12	7 39 52	26° 5'42	5♌41	3°13	3°28	0°47	17°20	19°24	12°40	8° 6	20° 0	6°R53	5°55	17°46	1°21	
W13	7 43 49	27° 6'32	19° 3	3°33	4°40	1°28	17°28	19°22	12°38	8° 5	20° 2	6°52	5°52	17°53	1°26	
T 14	7 47 46	28° 7'21	2♌45	3°59	5°53	2° 9	17°36	19°20	12°37	8° 3	20° 4	6°51	5°49	18° 0	1°32	
F 15	7 51 42	29° 8'08	16°43	4°30	7° 5	2°50	17°44	19°18	12°35	8° 1	20° 5	6°48	5°45	18° 7	1°37	
S 16	7 55 39	0♋ 8'54	0♌54	5° 6	8°17	3°31	17°52	19°16	12°33	8° 0	20° 7	6°45	5°42	18°13	1°43	
S 17	7 59 35	1° 9'39	15°13	5°47	9°29	4°12	18° 0	19°14	12°32	7°58	20° 9	6°41	5°39	18°20	1°48	
M18	8 3 32	2°10'22	29°35	6°32	10°41	4°53	18° 8	19°11	12°31	7°56	20°11	6°38	5°36	18°27	1°53	
T 19	8 7 28	3°11'05	13♌56	7°20	11°52	5°34	18°15	19° 9	12°29	7°55	20°12	6°36	5°33	18°34	1°58	
W20	8 11 25	4°11'46	28°11	8°13	13° 4	6°15	18°22	19° 6	12°28	7°53	20°14	6°D35	5°29	18°40	2° 4	
T 21	8 15 21	5°12'26	12♌18	9° 8	14°16	6°56	18°30	19° 4	12°27	7°51	20°16	6°35	5°26	18°47	2° 9	
F 22	8 19 18	6°13'05	16°17	10° 7	15°27	7°37	18°37	19° 1	12°25	7°50	20°17	6°36	5°23	18°54	2°14	
S 23	8 23 15	7°13'43	10♌ 5	11° 8	16°38	8°18	18°44	18°58	12°24	7°48	20°19	6°37	5°20	19° 0	2°19	
S 24	8 27 11	8°14'20	23°42	12°12	17°50	9° 0	18°50	18°55	12°23	7°46	20°20	6°39	5°17	19° 7	2°24	
M25	8 31 8	9°14'55	7♌ 9	13°18	19° 1	9°41	18°57	18°52	12°22	7°45	20°22	6°R39	5°14	19°14	2°29	
T 26	8 35 4	10°15'29	20°24	14°26	20°12	10°22	19° 4	18°49	12°21	7°43	20°24	6°38	5°10	19°21	2°34	
W27	8 39 1	11°16'01	3♌27	15°36	21°23	11° 3	19°10	18°46	12°20	7°41	20°25	6°36	5° 7	19°27	2°39	
T 28	8 42 57	12°16'31	16°18	16°48	22°34	11°44	19°16	18°43	12°19	7°40	20°27	6°31	5° 4	19°34	2°44	
F 29	8 46 54	13°17'00	28°55	18° 2	23°44	12°25	19°22	18°39	12°18	7°38	20°28	6°25	5° 1	19°41	2°49	
S 30	8 50 50	14°17'27	11♋20	19°18	24°55	13° 7	19°28	18°36	12°17	7°36	20°30	6°18	4°58	19°47	2°54	
S 31	8 54 47	15°17'52	23♋33	20♌35	26♋ 5	13♌48	19♌34	18♌32	12♌16	7♌35	20♌31	6♌11	4♌55	19°Y54	2♌58	

Delta T = 53m02s

Julian Calendar 1 Jan. 773 == Greg. Calendar 5 Jan. 773

FEBRUARY 773 C.E.JC

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♁	♁	♁	♁	♁	♁	♁
M 1	8 58 44	16°18'15	5♌36	21♌54	27♋16	14♌29	19♌39	18°R29	12°R16	7°R33	20♌32	6°R 4	4♌51	20°Y 1	3♌ 3	
T 2	9 2 40	17°18'36	17°31	23°14	28°26	15°10	19°44	18♌25	12♌15	7♌31	20°34	5♌58	4°48	20° 8	3° 8	
W 3	9 6 37	18°18'56	29°22	24°36	29°36	15°52	19°50	18°22	12°14	7°30	20°35	5°54	4°45	20°14	3°12	
T 4	9 10 33	19°19'13	11♌14	25°58	0♌46	16°33	19°55	18°18	12°14	7°28	20°36	5°52	4°42	20°21	3°17	
F 5	9 14 30	20°19'28	23°11	27°23	1°56	17°14	20° 0	18°14	12°13	7°26	20°38	5°D52	4°39	20°28	3°21	
S 6	9 18 26	21°19'41	5♌19	28°48	3° 6	17°55	20° 4	18°10	12°13	7°25	20°39	5°53	4°35	20°34	3°26	
S 7	9 22 23	22°19'52	17°41	0♋15	4°15	18°37	20° 9	18° 6	12°12	7°23	20°40	5°54	4°32	20°41	3°30	
M 8	9 26 19	23°20'01	0♌24	1°43	5°24	19°18	20°13	18° 2	12°12	7°22	20°42	5°R55	4°29	20°48	3°35	
T 9	9 30 16	24°20'08	13°30	3°12	6°34	19°59	20°18	17°58	12°11	7°20	20°43	5°55	4°26	20°55	3°39	
W10	9 34 13	25°20'12	27° 1	4°42	7°43	20°41	20°22	17°54	12°11	7°18	20°44	5°53	4°23	21° 1	3°43	
T 11	9 38 9	26°20'15	10♌59	6°13	8°51	21°22	20°25	17°50	12°11	7°17	20°45	5°49	4°20	21° 8	3°47	
F 12	9 42 6	27°20'15	25°19	7°46	10° 0	22° 3	20°29	17°46	12°11	7°15	20°46	5°42	4°16	21°15	3°51	
S 13	9 46 2	28°20'14	9♌57	9°19	11° 9	22°45	20°33	17°42	12°11	7°14	20°47	5°34	4°13	21°22	3°55	
S 14	9 49 59	29°20'10	24°46	10°54	12°17	23°26	20°36	17°37	12°11	7°12	20°48	5°26	4°10	21°28	3°59	
M15	9 53 55	0♋20'05	9♌36	12°30	13°25	24° 7	20°39	17°33	12°D11	7°11	20°49	5°18	4° 7	21°35	4° 3	
T 16	9 57 52	1°19'58	24°19	14° 7	14°33	24°49	20°42	17°29	12°11	7° 9	20°50	5°11	4° 4	21°42	4° 7	
W17	10 1 48	2°19'49	8♌51	15°45	15°41	25°30	20°45	17°24	12°11	7° 8	20°51	5° 6	4° 0	21°48	4°11	
T 18	10 5 45	3°19'38	23° 5	17°25	16°49	26°11	20°48	17°20	12°11	7° 6	20°52	5° 4	3°57	21°55	4°15	
F 19	10 9 42	4°19'26	7♌ 1	19° 5	17°56	26°53	20°50	17°15	12°11	7° 5	20°53	5°D 4	3°54	22° 2	4°19	
S 20	10 13 38	5°19'12	20°39	20°47	19° 3	27°34	20°52	17°11	12°11	7° 3	20°54	5° 4	3°51	22° 9	4°22	
S 21	10 17 35	6°18'56	4♌ 0	22°30	20°10	28°16	20°55	17° 6	12°12	7° 2	20°55	5°R 5	3°48	22°15	4°26	
M22	10 21 31	7°18'39	17° 6	24°14	21°17	28°57	20°56	17° 2	12°12	7° 0	20°56	5° 4	3°45	22°22	4°29	
T 23	10 25 28	8°18'20	29°59	26° 0	22°24	29°38	20°58	16°57	12°12	6°59	20°56	5° 1	3°41	22°29	4°33	
W24	10 29 24	9°17'59	12♌41	27°46	23°30	0♌20	21° 0	16°52	12°13	6°58	20°57	4°56	3°38	22°35	4°36	
T 25	10 33 21	10°17'35	25°13	29°34	24°36	1° 1	21° 1	16°48	12°13	6°56	20°58	4°47	3°35	22°42	4°40	
F 26	10 37 17	11°17'10	7♋36	1♋23	25°42	1°43	21° 2	16°43	12°14	6°55	20°59	4°37	3°32	22°49	4°43	
S 27	10 41 14	12°16'43	19°49	3°14	26°48	2°24	21° 3	16°38	12°15	6°54	20°59	4°24	3°29	22°56	4°46	
S 28	10 45 11	13°16'13	1°Y55	5♋ 5	27°Y53	3♌ 6	21♌ 4	16♌34	12♌15	6♌52	21♌ 0	4♌11	3♌26	23°Y 2	4♌49	

Delta T = 53m01s

Julian Calendar

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SWISS EPHEMERIS for the year 773

MARCH 773 C.E.JC

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♄	♅	♆	♇	♈	♉	♊	♋	♌	♍
M 1	10 49 7	14 <sup>h</sup> 15'41	13 <sup>h</sup> 53'	6 <sup>h</sup> 58'	28 <sup>h</sup> 58'	3 <sup>h</sup> 47'	21 <sup>h</sup> 5	16 <sup>h</sup> R29	12 <sup>h</sup> II16	6 <sup>h</sup> R51	21 <sup>h</sup> ♁ 1	3 <sup>h</sup> R58	3 <sup>h</sup> 22'	23 <sup>h</sup> 9'	4 <sup>h</sup> 52'		
T 2	10 53 4	15 <sup>h</sup> 05'07	25 <sup>h</sup> 46'	8 <sup>h</sup> 52'	0 <sup>h</sup> 3	4 <sup>h</sup> 28'	21 <sup>h</sup> 5	16 <sup>h</sup> ♁24	12 <sup>h</sup> 17'	6 <sup>h</sup> 50'	21 <sup>h</sup> 1	3 <sup>h</sup> 247	3 <sup>h</sup> 19'	23 <sup>h</sup> 16'	4 <sup>h</sup> 55'		
W 3	10 57 0	16 <sup>h</sup> 14'31	7 <sup>h</sup> 36'	10 <sup>h</sup> 48'	1 <sup>h</sup> 8'	5 <sup>h</sup> 10'	21 <sup>h</sup> 5	16 <sup>h</sup> 20'	12 <sup>h</sup> 18'	6 <sup>h</sup> 48'	21 <sup>h</sup> 2	3 <sup>h</sup> 39'	3 <sup>h</sup> 16'	23 <sup>h</sup> 22'	4 <sup>h</sup> 58'		
T 4	11 0 57	17 <sup>h</sup> 13'53	19 <sup>h</sup> 27'	12 <sup>h</sup> 45'	2 <sup>h</sup> 12'	5 <sup>h</sup> 51'	21 <sup>h</sup> R 5	16 <sup>h</sup> 15'	12 <sup>h</sup> 19'	6 <sup>h</sup> 47'	21 <sup>h</sup> 2	3 <sup>h</sup> 33'	3 <sup>h</sup> 13'	23 <sup>h</sup> 29'	5 <sup>h</sup> 1'		
F 5	11 4 53	18 <sup>h</sup> 13'12	1 <sup>h</sup> II22	14 <sup>h</sup> 42'	3 <sup>h</sup> 16'	6 <sup>h</sup> 33'	21 <sup>h</sup> 5	16 <sup>h</sup> 10'	12 <sup>h</sup> 20'	6 <sup>h</sup> 46'	21 <sup>h</sup> 3	3 <sup>h</sup> 29'	3 <sup>h</sup> 10'	23 <sup>h</sup> 36'	5 <sup>h</sup> 4'		
S 6	11 8 50	19 <sup>h</sup> 12'29	13 <sup>h</sup> 26'	16 <sup>h</sup> 41'	4 <sup>h</sup> 20'	7 <sup>h</sup> 14'	21 <sup>h</sup> 5	16 <sup>h</sup> 6'	12 <sup>h</sup> 21'	6 <sup>h</sup> 45'	21 <sup>h</sup> 3	3 <sup>h</sup> 28'	3 <sup>h</sup> 6'	23 <sup>h</sup> 43'	5 <sup>h</sup> 6'		
S 7	11 12 46	20 <sup>h</sup> 11'43	25 <sup>h</sup> 45'	18 <sup>h</sup> 41'	5 <sup>h</sup> 24'	7 <sup>h</sup> 56'	21 <sup>h</sup> 4	16 <sup>h</sup> 1'	12 <sup>h</sup> 22'	6 <sup>h</sup> 44'	21 <sup>h</sup> 4	3 <sup>h</sup> D28	3 <sup>h</sup> 3'	23 <sup>h</sup> 49'	5 <sup>h</sup> 9'		
M 8	11 16 43	21 <sup>h</sup> 10'56	8 <sup>h</sup> 23'	20 <sup>h</sup> 42'	6 <sup>h</sup> 27'	8 <sup>h</sup> 37'	21 <sup>h</sup> 4	15 <sup>h</sup> 56'	12 <sup>h</sup> 23'	6 <sup>h</sup> 43'	21 <sup>h</sup> 4	3 <sup>h</sup> R28	3 <sup>h</sup> 0'	23 <sup>h</sup> 56'	5 <sup>h</sup> 11'		
T 9	11 20 39	22 <sup>h</sup> 10'05	21 <sup>h</sup> 26'	22 <sup>h</sup> 44'	7 <sup>h</sup> 30'	9 <sup>h</sup> 18'	21 <sup>h</sup> 3	15 <sup>h</sup> 52'	12 <sup>h</sup> 24'	6 <sup>h</sup> 42'	21 <sup>h</sup> 4	3 <sup>h</sup> 27'	2 <sup>h</sup> 57'	24 <sup>h</sup> 3'	5 <sup>h</sup> 14'		
W10	11 24 36	23 <sup>h</sup> 9'13	4 <sup>h</sup> 57'	24 <sup>h</sup> 47'	8 <sup>h</sup> 32'	10 <sup>h</sup> 0'	21 <sup>h</sup> 2	15 <sup>h</sup> 47'	12 <sup>h</sup> 25'	6 <sup>h</sup> 41'	21 <sup>h</sup> 5	3 <sup>h</sup> 24'	2 <sup>h</sup> 54'	24 <sup>h</sup> 9'	5 <sup>h</sup> 16'		
T 11	11 28 33	24 <sup>h</sup> 8'18	18 <sup>h</sup> 57'	26 <sup>h</sup> 51'	9 <sup>h</sup> 35'	10 <sup>h</sup> 41'	21 <sup>h</sup> 0	15 <sup>h</sup> 42'	12 <sup>h</sup> 26'	6 <sup>h</sup> 40'	21 <sup>h</sup> 5	3 <sup>h</sup> 18'	2 <sup>h</sup> 51'	24 <sup>h</sup> 16'	5 <sup>h</sup> 19'		
F 12	11 32 29	25 <sup>h</sup> 7'21	3 <sup>h</sup> ♁26	28 <sup>h</sup> 55'	10 <sup>h</sup> 37'	11 <sup>h</sup> 23'	20 <sup>h</sup> 59	15 <sup>h</sup> 38'	12 <sup>h</sup> 28'	6 <sup>h</sup> 39'	21 <sup>h</sup> 5	3 <sup>h</sup> 10'	2 <sup>h</sup> 47'	24 <sup>h</sup> 23'	5 <sup>h</sup> 21'		
S 13	11 36 26	26 <sup>h</sup> 6'21	18 <sup>h</sup> 18'	0 <sup>h</sup> 59	11 <sup>h</sup> 38'	12 <sup>h</sup> 4'	20 <sup>h</sup> 57	15 <sup>h</sup> 33'	12 <sup>h</sup> 29'	6 <sup>h</sup> 38'	21 <sup>h</sup> 5	3 <sup>h</sup> 0'	2 <sup>h</sup> 44'	24 <sup>h</sup> 30'	5 <sup>h</sup> 23'		
S 14	11 40 22	27 <sup>h</sup> 5'19	3 <sup>h</sup> 25'	3 <sup>h</sup> 3'	12 <sup>h</sup> 39'	12 <sup>h</sup> 45'	20 <sup>h</sup> 55	15 <sup>h</sup> 29'	12 <sup>h</sup> 30'	6 <sup>h</sup> 37'	21 <sup>h</sup> 6	2 <sup>h</sup> 48'	2 <sup>h</sup> 41'	24 <sup>h</sup> 36'	5 <sup>h</sup> 25'		
M15	11 44 19	28 <sup>h</sup> 4'16	18 <sup>h</sup> 37'	5 <sup>h</sup> 7'	13 <sup>h</sup> 40'	13 <sup>h</sup> 27'	20 <sup>h</sup> 53	15 <sup>h</sup> 24'	12 <sup>h</sup> 32'	6 <sup>h</sup> 36'	21 <sup>h</sup> 6	2 <sup>h</sup> 37'	2 <sup>h</sup> 38'	24 <sup>h</sup> 43'	5 <sup>h</sup> 27'		
T 16	11 48 15	29 <sup>h</sup> 3'10	3 <sup>h</sup> ♁44	7 <sup>h</sup> 11'	14 <sup>h</sup> 40'	14 <sup>h</sup> 8'	20 <sup>h</sup> 51	15 <sup>h</sup> 20'	12 <sup>h</sup> 33'	6 <sup>h</sup> 35'	21 <sup>h</sup> 6	2 <sup>h</sup> 28'	2 <sup>h</sup> 35'	24 <sup>h</sup> 50'	5 <sup>h</sup> 29'		
W17	11 52 12	0 <sup>h</sup> 5'2	18 <sup>h</sup> 35'	9 <sup>h</sup> 14'	15 <sup>h</sup> 40'	14 <sup>h</sup> 49'	20 <sup>h</sup> 49	15 <sup>h</sup> 15'	12 <sup>h</sup> 35'	6 <sup>h</sup> 34'	21 <sup>h</sup> 6	2 <sup>h</sup> 21'	2 <sup>h</sup> 32'	24 <sup>h</sup> 56'	5 <sup>h</sup> 31'		
T 18	11 56 8	1 <sup>h</sup> 0'53	3 <sup>h</sup> ♁ 5	11 <sup>h</sup> 15'	16 <sup>h</sup> 40'	15 <sup>h</sup> 31'	20 <sup>h</sup> 46	15 <sup>h</sup> 11'	12 <sup>h</sup> 37'	6 <sup>h</sup> 33'	21 <sup>h</sup> 6	2 <sup>h</sup> 17'	2 <sup>h</sup> 28'	25 <sup>h</sup> 3'	5 <sup>h</sup> 33'		
F 19	12 0 5	1 <sup>h</sup> 59'42	17 <sup>h</sup> 10'	13 <sup>h</sup> 16'	17 <sup>h</sup> 39'	16 <sup>h</sup> 12'	20 <sup>h</sup> 44	15 <sup>h</sup> 6'	12 <sup>h</sup> 38'	6 <sup>h</sup> 32'	21 <sup>h</sup> 6	2 <sup>h</sup> 16'	2 <sup>h</sup> 25'	25 <sup>h</sup> 10'	5 <sup>h</sup> 35'		
S 20	12 4 2	2 <sup>h</sup> 58'29	0 <sup>h</sup> 50	15 <sup>h</sup> 14'	18 <sup>h</sup> 38'	16 <sup>h</sup> 54'	20 <sup>h</sup> 41	15 <sup>h</sup> 2'	12 <sup>h</sup> 40'	6 <sup>h</sup> 31'	21 <sup>h</sup> R 6	2 <sup>h</sup> 15'	2 <sup>h</sup> 22'	25 <sup>h</sup> 17'	5 <sup>h</sup> 36'		
S 21	12 7 58	3 <sup>h</sup> 57'15	14 <sup>h</sup> 8'	17 <sup>h</sup> 10'	19 <sup>h</sup> 36'	17 <sup>h</sup> 35'	20 <sup>h</sup> 38	14 <sup>h</sup> 58'	12 <sup>h</sup> 42'	6 <sup>h</sup> 31'	21 <sup>h</sup> 6	2 <sup>h</sup> 15'	2 <sup>h</sup> 19'	25 <sup>h</sup> 23'	5 <sup>h</sup> 38'		
M22	12 11 55	4 <sup>h</sup> 55'59	27 <sup>h</sup> 5'	19 <sup>h</sup> 4'	20 <sup>h</sup> 34'	18 <sup>h</sup> 16'	20 <sup>h</sup> 34	14 <sup>h</sup> 53'	12 <sup>h</sup> 43'	6 <sup>h</sup> 30'	21 <sup>h</sup> 6	2 <sup>h</sup> 14'	2 <sup>h</sup> 16'	25 <sup>h</sup> 30'	5 <sup>h</sup> 39'		
T 23	12 15 51	5 <sup>h</sup> 54'41	9 <sup>h</sup> 27'	20 <sup>h</sup> 55'	21 <sup>h</sup> 31'	18 <sup>h</sup> 58'	20 <sup>h</sup> 31	14 <sup>h</sup> 49'	12 <sup>h</sup> 45'	6 <sup>h</sup> 29'	21 <sup>h</sup> 6	2 <sup>h</sup> 11'	2 <sup>h</sup> 12'	25 <sup>h</sup> 37'	5 <sup>h</sup> 41'		
W24	12 19 48	6 <sup>h</sup> 53'21	22 <sup>h</sup> 15'	22 <sup>h</sup> 42'	22 <sup>h</sup> 28'	19 <sup>h</sup> 39'	20 <sup>h</sup> 27	14 <sup>h</sup> 45'	12 <sup>h</sup> 47'	6 <sup>h</sup> 29'	21 <sup>h</sup> 6	2 <sup>h</sup> 5'	2 <sup>h</sup> 9'	25 <sup>h</sup> 43'	5 <sup>h</sup> 42'		
T 25	12 23 44	7 <sup>h</sup> 51'59	4 <sup>h</sup> 32'	24 <sup>h</sup> 26'	23 <sup>h</sup> 24'	20 <sup>h</sup> 20'	20 <sup>h</sup> 24	14 <sup>h</sup> 41'	12 <sup>h</sup> 49'	6 <sup>h</sup> 28'	21 <sup>h</sup> 6	1 <sup>h</sup> 55'	2 <sup>h</sup> 6'	25 <sup>h</sup> 50'	5 <sup>h</sup> 43'		
F 26	12 27 41	8 <sup>h</sup> 50'35	16 <sup>h</sup> 42'	26 <sup>h</sup> 7'	24 <sup>h</sup> 20'	21 <sup>h</sup> 1'	20 <sup>h</sup> 20	14 <sup>h</sup> 37'	12 <sup>h</sup> 51'	6 <sup>h</sup> 27'	21 <sup>h</sup> 6	1 <sup>h</sup> 44'	2 <sup>h</sup> 3'	25 <sup>h</sup> 57'	5 <sup>h</sup> 44'		
S 27	12 31 37	9 <sup>h</sup> 49'10	28 <sup>h</sup> 44'	27 <sup>h</sup> 43'	25 <sup>h</sup> 15'	21 <sup>h</sup> 43'	20 <sup>h</sup> 15	14 <sup>h</sup> 33'	12 <sup>h</sup> 53'	6 <sup>h</sup> 27'	21 <sup>h</sup> 5	1 <sup>h</sup> 30'	2 <sup>h</sup> 0'	26 <sup>h</sup> 4'	5 <sup>h</sup> 45'		
S 28	12 35 34	10 <sup>h</sup> 47'42	10 <sup>h</sup> 54'	29 <sup>h</sup> 16'	26 <sup>h</sup> 10'	22 <sup>h</sup> 24'	20 <sup>h</sup> 11	14 <sup>h</sup> 29'	12 <sup>h</sup> 55'	6 <sup>h</sup> 26'	21 <sup>h</sup> 5	1 <sup>h</sup> 16'	1 <sup>h</sup> 57'	26 <sup>h</sup> 10'	5 <sup>h</sup> 46'		
M29	12 39 31	11 <sup>h</sup> 46'13	22 <sup>h</sup> 36'	0 <sup>h</sup> 43	27 <sup>h</sup> 4'	23 <sup>h</sup> 5'	20 <sup>h</sup> 7	14 <sup>h</sup> 25'	12 <sup>h</sup> 57'	6 <sup>h</sup> 26'	21 <sup>h</sup> 5	1 <sup>h</sup> 3'	1 <sup>h</sup> 53'	26 <sup>h</sup> 17'	5 <sup>h</sup> 47'		
T 30	12 43 27	12 <sup>h</sup> 44'42	4 <sup>h</sup> 26'	2 <sup>h</sup> 7'	27 <sup>h</sup> 57'	23 <sup>h</sup> 46'	20 <sup>h</sup> 2	14 <sup>h</sup> 21'	12 <sup>h</sup> 59'	6 <sup>h</sup> 25'	21 <sup>h</sup> 5	0 <sup>h</sup> 50'	1 <sup>h</sup> 50'	26 <sup>h</sup> 24'	5 <sup>h</sup> 48'		
W31	12 47 24	13 <sup>h</sup> 54'08	16 <sup>h</sup> 16'	3 <sup>h</sup> 25	28 <sup>h</sup> 50'	24 <sup>h</sup> 27'	19 <sup>h</sup> 57	14 <sup>h</sup> 17'	13 <sup>h</sup> II 1	6 <sup>h</sup> 25	21 <sup>h</sup> ♁ 4	0 <sup>h</sup> 541	1 <sup>h</sup> 547	26 <sup>h</sup> 30	5 <sup>h</sup> 49		

Delta T = 53m01s Julian Calendar 1 March 773 == Greg. Calendar 5 March 773

APRIL 773 C.E.JC

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♄	♅	♆	♇	♈	♉	♊	♋	♌
T 1	12 51 20	14 <sup>h</sup> 51'33	28 <sup>h</sup> 8'	4 <sup>h</sup> 39'	29 <sup>h</sup> 43'	25 <sup>h</sup> 8'	19 <sup>h</sup> R53	14 <sup>h</sup> R14	13 <sup>h</sup> II 4	6 <sup>h</sup> R24	21 <sup>h</sup> R 4	0 <sup>h</sup> R34	1 <sup>h</sup> 244	26 <sup>h</sup> 37'	5 <sup>h</sup> 50	
F 2	12 55 17	15 <sup>h</sup> 39'55	10 <sup>h</sup> II 4	5 <sup>h</sup> 48'	0 <sup>h</sup> II34	25 <sup>h</sup> 50'	19 <sup>h</sup> II48	14 <sup>h</sup> 10'	13 <sup>h</sup> 6'	6 <sup>h</sup> 24	21 <sup>h</sup> ♁ 3	0 <sup>h</sup> 230	1 <sup>h</sup> 41'	26 <sup>h</sup> 44'	5 <sup>h</sup> 50	
S 3	12 59 13	16 <sup>h</sup> 38'16	22 <sup>h</sup> 9'	6 <sup>h</sup> 52'	1 <sup>h</sup> 25'	26 <sup>h</sup> 31'	19 <sup>h</sup> 42	14 <sup>h</sup> 6'	13 <sup>h</sup> 8'	6 <sup>h</sup> 24	21 <sup>h</sup> 3	0 <sup>h</sup> 28'	1 <sup>h</sup> 37'	26 <sup>h</sup> 50'	5 <sup>h</sup> 51	
S 4	13 3 10	17 <sup>h</sup> 36'34	4 <sup>h</sup> 27'	7 <sup>h</sup> 51'	2 <sup>h</sup> 15'	27 <sup>h</sup> 12'	19 <sup>h</sup> 37	14 <sup>h</sup> 3'	13 <sup>h</sup> 10'	6 <sup>h</sup> 23	21 <sup>h</sup> 3	0 <sup>h</sup> D28	1 <sup>h</sup> 34'	26 <sup>h</sup> 57'	5 <sup>h</sup> 51	
M 5	13 7 6	18 <sup>h</sup> 34'51	17 <sup>h</sup> 2'	8 <sup>h</sup> 44'	3 <sup>h</sup> 4'	27 <sup>h</sup> 53'	19 <sup>h</sup> 32	13 <sup>h</sup> 59'	13 <sup>h</sup> 13'	6 <sup>h</sup> 23	21 <sup>h</sup> 2	0 <sup>h</sup> R28	1 <sup>h</sup> 31'	27 <sup>h</sup> 4'	5 <sup>h</sup> 52	
T 6	13 11 3	19 <sup>h</sup> 33'05	0 <sup>h</sup> II 0	9 <sup>h</sup> 33'	3 <sup>h</sup> 53'	28 <sup>h</sup> 34'	19 <sup>h</sup> 26	13 <sup>h</sup> 56'	13 <sup>h</sup> 15'	6 <sup>h</sup> 23	21 <sup>h</sup> 2	0 <sup>h</sup> 28'	1 <sup>h</sup> 28'	27 <sup>h</sup> 11'	5 <sup>h</sup> 52	
W 7	13 15 0	20 <sup>h</sup> 31'17	13 <sup>h</sup> 25'	10 <sup>h</sup> 16'	4 <sup>h</sup> 41'	29 <sup>h</sup> 15'	19 <sup>h</sup> 20	13 <sup>h</sup> 53'	13 <sup>h</sup> 18'	6 <sup>h</sup> 23	21 <sup>h</sup> 1	0 <sup>h</sup> 25'	1 <sup>h</sup> 25'	27 <sup>h</sup> 17'	5 <sup>h</sup> 52	
T 8	13 18 56	21 <sup>h</sup> 29'27	27 <sup>h</sup> 19'	10 <sup>h</sup> 53'	5 <sup>h</sup> 28'	29 <sup>h</sup> 55'	19 <sup>h</sup> 14	13 <sup>h</sup> 50'	13 <sup>h</sup> 20'	6 <sup>h</sup> 22	21 <sup>h</sup> 0	0 <sup>h</sup> 21'	1 <sup>h</sup> 22'	27 <sup>h</sup> 24'	5 <sup>h</sup> 52	
F 9	13 22 53	22 <sup>h</sup> 27'35	11 <sup>h</sup> ♁42	11 <sup>h</sup> 26'	6 <sup>h</sup> 14'	0 <sup>h</sup> 236	19 <sup>h</sup> 8	13 <sup>h</sup> 46'	13 <sup>h</sup> 23'	6 <sup>h</sup> 22	21 <sup>h</sup> 0	0 <sup>h</sup> 14'	1 <sup>h</sup> 18'	27 <sup>h</sup> 31'	5 <sup>h</sup> R52	
S 10	13 26 49	23 <sup>h</sup> 25'40	26 <sup>h</sup> 32'	11 <sup>h</sup> 52'	6 <sup>h</sup> 59'	1 <sup>h</sup> 17'	19 <sup>h</sup> 2	13 <sup>h</sup> 43'	13 <sup>h</sup> 25'	6 <sup>h</sup> 22	20 <sup>h</sup> 59	0 <sup>h</sup> 6'	1 <sup>h</sup> 15'	27 <sup>h</sup> 37'	5 <sup>h</sup> 52	
S 11	13 30 46	24 <sup>h</sup> 23'44	11 <sup>h</sup> 24'	12 <sup>h</sup> 14'	7 <sup>h</sup> 43'	1 <sup>h</sup> 58'	18 <sup>h</sup> 56	13 <sup>h</sup> 40'	13 <sup>h</sup> 28'	6 <sup>h</sup> 22	20 <sup>h</sup> 59	29 <sup>h</sup> II56	1 <sup>h</sup> 12'	27 <sup>h</sup> 44'	5 <sup>h</sup> 52	
M12	13 34 42	25 <sup>h</sup> 21'46	27 <sup>h</sup> 1'	12 <sup>h</sup> 30'	8 <sup>h</sup> 26'	2 <sup>h</sup> 39'	18 <sup>h</sup> 50	13 <sup>h</sup> 37'	13 <sup>h</sup> 30'	6 <sup>h</sup> 22	20 <sup>h</sup> 58	29 <sup>h</sup> 47	1 <sup>h</sup> 9'	27 <sup>h</sup> 51'	5 <sup>h</sup> 52	
T 13	13 38 39	26 <sup>h</sup> 19'47	12 <sup>h</sup> II18	12 <sup>h</sup> 40'	9 <sup>h</sup> 8'	3 <sup>h</sup> 19'	18 <sup>h</sup> 43	13 <sup>h</sup> 35'	13 <sup>h</sup> 33'	6 <sup>h</sup> D22	20 <sup>h</sup> 57	29 <sup>h</sup> 39	1 <sup>h</sup> 6'	27 <sup>h</sup> 58'	5 <sup>h</sup> 52	
W14	13 42 35	27 <sup>h</sup> 17'46	27 <sup>h</sup> 23'	12 <sup>h</sup> 45'	9 <sup>h</sup> 49'	4 <sup>h</sup> 0'	18 <sup>h</sup> 37	13 <sup>h</sup> 32'	13 <sup>h</sup> 36'	6 <sup>h</sup> 22	20 <sup>h</sup> 57	29 <sup>h</sup> 33	1 <sup>h</sup> 3'	28 <sup>h</sup> 4'	5 <sup>h</sup> 51	
T 15	13 46 32	28 <sup>h</sup> 15'43	12 <sup>h</sup> ♁ 7	12 <sup>h</sup> R46	10 <sup>h</sup> 29'	4 <sup>h</sup> 41'	18 <sup>h</sup> 30	13 <sup>h</sup> 29'	13 <sup>h</sup> 39'	6 <sup>h</sup> 22	20 <sup>h</sup> 56	29 <sup>h</sup> 30	0 <sup>h</sup> 59'	28 <sup>h</sup> 11'	5 <sup>h</sup> 51	
F 16	13 50 28	29 <sup>h</sup> 13'39	26 <sup>h</sup> 24'	12 <sup>h</sup> 41'	11 <sup>h</sup> 8'	5 <sup>h</sup> 21'	18 <sup>h</sup> 23	13 <sup>h</sup> 27'	13 <sup>h</sup> 41'	6 <sup>h</sup> 22	20 <sup>h</sup> 55	29 <sup>h</sup> D29	0 <sup>h</sup> 56'	28 <sup>h</sup> 18'	5 <sup>h</sup> 50	
S 17	13 54 25	0 <sup>h</sup> 8'11'34	10 <sup>h</sup> 31'	12 <sup>h</sup> 31'	11 <sup></sup>											



SWISS EPHEMERIS for the year 773

JULY 773 C.E.JC

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♄	♅	♆	♇	♈	♉	♊	♋	♌	♍
T 1	18 50 7	11°52'30	27°18	22°29	4°34	21°1	11°R16	14°53	17°59	7°53	19°R14	27°R34	26°55	6°47	2°R25		
F 2	18 54 3	12°49'46	11°20	24°24	4°57	21°28	11°M15	14°57	18° 2	7°55	19°R12	27°D34	26°52	6°54	2°R21		
S 3	18 58 0	13°47'03	25°32	26°18	5°22	21°54	11°15	15° 2	18° 5	7°57	19°11	27°R34	26°48	7° 0	2°18		
S 4	19 1 56	14°44'20	9°M51	28°10	5°49	22°20	11°14	15° 7	18° 9	7°59	19°10	27°35	26°45	7° 7	2°14		
M 5	19 5 53	15°41'38	24°15	0°R1	6°17	22°46	11°D14	15°12	18°12	8° 1	19° 8	27°36	26°42	7°14	2°11		
T 6	19 9 50	16°38'56	8°R41	1°50	6°47	23°11	11°14	15°17	18°15	8° 3	19° 7	27°37	26°39	7°20	2° 7		
W 7	19 13 46	17°36'15	23° 3	3°37	7°18	23°36	11°15	15°22	18°19	8° 5	19° 6	27°R38	26°36	7°27	2° 4		
T 8	19 17 43	18°33'35	7°R18	5°22	7°50	24° 0	11°15	15°27	18°22	8° 7	19° 4	27°38	26°32	7°34	2° 0		
F 9	19 21 39	19°30'55	21°20	7° 6	8°24	24°24	11°16	15°32	18°25	8° 9	19° 3	27°37	26°29	7°40	1°57		
S 10	19 25 36	20°28'17	5°R6	8°48	8°59	24°47	11°16	15°37	18°28	8°12	19° 2	27°34	26°26	7°47	1°54		
S 11	19 29 32	21°25'39	18°34	10°28	9°36	25°10	11°17	15°42	18°31	8°14	19° 1	27°31	26°23	7°54	1°50		
M12	19 33 29	22°23'03	1°R40	12° 7	10°13	25°32	11°19	15°47	18°34	8°16	18°59	27°27	26°20	8° 1	1°47		
T 13	19 37 25	23°20'28	14°27	13°44	10°52	25°54	11°20	15°53	18°38	8°18	18°58	27°24	26°17	8° 7	1°44		
W14	19 41 22	24°17'54	26°55	15°19	11°32	26°15	11°22	15°58	18°41	8°20	18°57	27°20	26°13	8°14	1°40		
T 15	19 45 19	25°15'21	9°R8	16°53	12°12	26°36	11°23	16° 4	18°44	8°22	18°56	27°18	26°10	8°21	1°37		
F 16	19 49 15	26°12'50	21° 8	18°25	12°54	26°56	11°25	16° 9	18°47	8°25	18°55	27°D17	26° 7	8°27	1°34		
S 17	19 53 12	27°10'20	3°R2	19°55	13°37	27°15	11°27	16°15	18°50	8°27	18°54	27°17	26° 4	8°34	1°31		
S 18	19 57 8	28° 7'51	14°53	21°24	14°21	27°34	11°30	16°20	18°53	8°29	18°53	27°18	26° 1	8°41	1°28		
M19	20 1 5	29° 5'24	26°46	22°51	15° 6	27°52	11°32	16°26	18°56	8°31	18°51	27°20	25°58	8°47	1°25		
T 20	20 5 1	0°R2'59	8°R47	24°17	15°51	28°10	11°35	16°32	18°59	8°33	18°50	27°21	25°54	8°54	1°22		
W21	20 8 58	1° 0'35	20°59	25°40	16°38	28°27	11°37	16°38	19° 2	8°36	18°49	27°22	25°51	9° 1	1°19		
T 22	20 12 54	1°58'12	3°R26	27° 2	17°25	28°43	11°40	16°44	19° 4	8°38	18°48	27°R22	25°48	9° 7	1°16		
F 23	20 16 51	2°55'51	16° 9	28°22	18°13	28°59	11°43	16°50	19° 7	8°40	18°47	27°21	25°45	9°14	1°13		
S 24	20 20 48	3°53'31	29°12	29°41	19° 2	29°14	11°47	16°56	19°10	8°42	18°46	27°18	25°42	9°21	1°10		
S 25	20 24 44	4°51'13	12°R32	0°R57	19°52	29°28	11°50	17° 2	19°13	8°44	18°45	27°13	25°38	9°27	1° 7		
M26	20 28 41	5°48'56	26° 9	2°12	20°42	29°41	11°54	17° 8	19°16	8°47	18°45	27° 7	25°35	9°34	1° 5		
T 27	20 32 37	6°46'40	10°R0	3°24	21°33	29°54	11°58	17°14	19°18	8°49	18°44	27° 1	25°32	9°41	1° 2		
W28	20 36 34	7°44'26	24° 1	4°34	22°25	0°R6	12° 2	17°20	19°21	8°51	18°43	26°55	25°29	9°48	0°59		
T 29	20 40 30	8°42'12	8°R9	5°43	23°17	0°R18	12° 6	17°26	19°24	8°53	18°42	26°50	25°26	9°54	0°57		
F 30	20 44 27	9°40'00	22°20	6°48	24°10	0°R28	12°10	17°33	19°26	8°56	18°41	26°47	25°23	10° 1	0°54		
S 31	20 48 23	10°R37'49	6°R32	7°R52	25°R3	0°R38	12°R15	17°R39	19°R29	8°R58	18°R40	26°D46	25°R19	10°R8	0°R52		

Delta T = 52m58s

Julian Calendar 1 July 773 == Greg. Calendar 5 July 773

AUGUST 773 C.E.JC

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♄	♅	♆	♇	♈	♉	♊	♋	♌	♍
S 1	20 52 20	11°R35'40	20°R42	8°R53	25°R57	0°R47	12°R19	17°R45	19°R31	9°R0	18°R40	26°R46	25°R16	10°R14	0°R50		
M 2	20 56 17	12°33'31	4°R49	9°52	26°52	0°55	12°24	17°52	19°34	9° 2	18°R39	26°47	25°13	10°21	0°R47		
T 3	21 0 13	13°31'24	18°51	10°47	27°47	1° 3	12°29	17°58	19°36	9° 4	18°38	26°48	25°10	10°28	0°45		
W 4	21 4 10	14°29'19	2°R38	11°40	28°42	1°10	12°34	18° 5	19°39	9° 7	18°37	26°R48	25° 7	10°34	0°43		
T 5	21 8 6	15°27'14	16°36	12°30	29°39	1°15	12°40	18°11	19°41	9° 9	18°37	26°47	25° 4	10°41	0°41		
F 6	21 12 3	16°25'12	0°R14	13°16	0°R35	1°21	12°45	18°18	19°43	9°11	18°36	26°43	25° 0	10°48	0°39		
S 7	21 15 59	17°23'10	13°41	13°59	1°32	1°25	12°51	18°25	19°46	9°13	18°35	26°37	24°57	10°54	0°37		
S 8	21 19 56	18°21'11	26°53	14°38	2°30	1°28	12°56	18°31	19°48	9°16	18°35	26°28	24°54	11° 1	0°35		
M 9	21 23 53	19°19'13	9°R49	15°14	3°28	1°31	13° 2	18°38	19°50	9°18	18°34	26°19	24°51	11° 8	0°33		
T 10	21 27 49	20°17'17	22°29	15°45	4°26	1°32	13° 8	18°45	19°52	9°20	18°34	26°10	24°48	11°14	0°31		
W11	21 31 46	21°15'23	4°R54	16°11	5°25	1°R33	13°15	18°52	19°54	9°22	18°33	26° 1	24°44	11°21	0°29		
T 12	21 35 42	22°13'30	17° 4	16°33	6°25	1°33	13°21	18°58	19°56	9°24	18°33	25°54	24°41	11°28	0°28		
F 13	21 39 39	23°11'40	29° 3	16°50	7°24	1°32	13°27	19° 5	19°59	9°26	18°32	25°49	24°38	11°34	0°26		
S 14	21 43 35	24° 9'52	10°R56	17° 1	8°25	1°30	13°34	19°12	20° 1	9°29	18°32	25°46	24°35	11°41	0°25		
S 15	21 47 32	25° 8'06	22°46	17°R7	9°25	1°28	13°41	19°19	20° 3	9°31	18°32	25°D44	24°32	11°48	0°23		
M16	21 51 28	26° 6'22	4°R38	17° 7	10°26	1°24	13°48	19°26	20° 4	9°33	18°31	25°45	24°29	11°54	0°22		
T 17	21 55 25	27° 4'40	16°39	17° 1	11°27	1°20	13°55	19°33	20° 6	9°35	18°31	25°45	24°25	12° 1	0°21		
W18	21 59 21	28° 3'00	28°53	16°48	12°29	1°15	14° 2	19°40	20° 8	9°37	18°31	25°R46	24°22	12° 8	0°19		
T 19	22 3 18	29° 1'23	11°R24	16°29	13°31	1° 8	14° 9	19°47	20°10	9°39	18°30	25°44	24°19	12°15	0°18		
F 20	22 7 15	29°59'48	24°17	16° 3	14°33	1° 1	14°17	19°54	20°12	9°42	18°30	25°41	24°16	12°21	0°17		
S 21	22 11 11	0°R58'14	7°R34	15°31	15°36	0°53	14°25	20° 1	20°13	9°44	18°30	25°35	24°13	12°28	0°16		
S 22	22 15 8	1°56'43	21°14	14°52	16°38	0°45	14°32	20° 8	20°15	9°46	18°30	25°27	24°10	12°35	0°15		
M23	22 19 4	2°55'14	5°R15	14° 7	17°42	0°35	14°40	20°15	20°17	9°48	18°30	25°17	24° 6	12°41	0°14		
T 24	22 23 1	3°53'46	19°33	13°16	18°45	0°25	14°48	20°22	20°18	9°50	18°29	25° 6	24° 3	12°48	0°14		
W25	22 26 57	4°52'20	4°R2	12°20	19°49	0°14	14°56	20°30	20°20	9°52	18°29	24°56	24° 0	12°55	0°13		
T 26	22 30 54	5°50'57	18°34	11°21	20°53	0° 2	15° 5	20°37	20°21	9°54	18°29	24°47	23°57	13° 1	0°12		
F 27	22 34 50	6°49'35	3°R5	10°18	21°57	29°R50	15°13	20°44	20°23	9°56	18°D29	24°41	23°54	13° 8	0°12		
S 28	22 38 47	7°48'15	17°28	9°14	23° 2	29°36	15°21	20°51	20°24	9°58	18°29	24°37	23°50	13°15	0°11		
S 29	22 42 44	8°46'56	1°R40	8°10	24° 7	29°23	15°30	20°58	20°25	10° 0	18°29	24°36	23°47	13°21	0°11		
M30	22 46 40	9°45'40	15°41	7° 8	25°12	29° 8	15°39	21° 6	20°27	10° 2	18°29	24°D36	23°44	13°28	0°11		
T 31	22 50 37	10°R44'25	29°R29	6°R8	26°R17	28°R53	15°R48	21°R13	20°R28	10°R4	18°R29	24°R36	23°R41	13°R35	0°R10		

Delta T = 52m57s

Julian Calendar

created from Swiss Ephemeris, Copyright Astrodienst AG [10.1.2003]

SWISS EPHEMERIS for the year 773

SEPTEMBER 773 C.E.JC

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♄	♅	♆	♇	♈	♉	♊	♋	♌	♍
W 1	22 54 33	11♎43'12	13♌6	5°R14	27♄23	28°R38	15♎57	21♎20	20♎29	10♏6	18♌30	24°R35	23♎38	13♌41	0°R10		
T 2	22 58 30	12°42'00	26°32	4♎25	28°28	28♋21	16°6	21°28	20°30	10°8	18°30	24♎31	23°35	13°48	0°D10		
F 3	23 2 26	13°40'51	9♋47	3°44	29°34	28°5	16°15	21°35	20°31	10°10	18°30	24°25	23°31	13°55	0°310		
S 4	23 6 23	14°39'43	22°50	3°11	0♏41	27°48	16°24	21°42	20°32	10°12	18°30	24°16	23°28	14°1	0°10		
S 5	23 10 19	15°38'37	5♋43	2°47	1°47	27°31	16°34	21°50	20°33	10°14	18°30	24°5	23°25	14°8	0°10		
M 6	23 14 16	16°37'33	18°23	2°33	2°54	27°13	16°43	21°57	20°34	10°16	18°31	23°51	23°22	14°15	0°11		
T 7	23 18 13	17°36'32	0♎51	2°D30	4°1	26°55	16°53	22°4	20°35	10°18	18°31	23°38	23°19	14°21	0°11		
W 8	23 22 9	18°35'32	13°7	2°37	5°8	26°36	17°3	22°12	20°36	10°19	18°31	23°25	23°15	14°28	0°11		
T 9	23 26 6	19°34'35	25°12	2°54	6°15	26°18	17°13	22°19	20°36	10°21	18°32	23°14	23°12	14°35	0°12		
F 10	23 30 2	20°33'40	7♌8	3°21	7°23	25°59	17°23	22°26	20°37	10°23	18°32	23°5	23°9	14°41	0°12		
S 11	23 33 59	21°32'47	18°58	3°57	8°31	25°41	17°33	22°34	20°38	10°25	18°33	22°59	23°6	14°48	0°13		
S 12	23 37 55	22°31'57	0♎46	4°43	9°38	25°22	17°43	22°41	20°38	10°27	18°33	22°56	23°3	14°55	0°14		
M13	23 41 52	23°31'09	12°36	5°36	10°47	25°3	17°53	22°48	20°39	10°28	18°34	22°55	23°0	15°1	0°15		
T 14	23 45 48	24°30'23	24°35	6°37	11°55	24°44	18°4	22°56	20°39	10°30	18°34	22°55	22°56	15°8	0°15		
W15	23 49 45	25°29'40	6♄46	7°45	13°3	24°25	18°14	23°3	20°40	10°32	18°35	22°54	22°53	15°15	0°16		
T 16	23 53 42	26°28'59	19°17	8°59	14°12	24°7	18°25	23°10	20°40	10°33	18°35	22°53	22°50	15°21	0°17		
F 17	23 57 38	27°28'21	2♏11	10°18	15°21	23°48	18°35	23°18	20°41	10°35	18°36	22°49	22°47	15°28	0°19		
S 18	0 1 35	28°27'45	15°32	11°41	16°30	23°30	18°46	23°25	20°41	10°37	18°37	22°43	22°44	15°35	0°20		
S 19	0 5 31	29°27'11	29°21	13°9	17°39	23°12	18°57	23°32	20°41	10°38	18°37	22°34	22°41	15°42	0°21		
M20	0 9 28	0♎26'39	13♎37	14°40	18°49	22°55	19°8	23°40	20°41	10°40	18°38	22°24	22°37	15°48	0°22		
T 21	0 13 24	1°26'10	28°14	16°13	19°58	22°38	19°19	23°47	20°41	10°41	18°39	22°12	22°34	15°55	0°24		
W22	0 17 21	2°25'43	13♌7	17°49	21°8	22°21	19°30	23°54	20°41	10°43	18°40	22°1	22°31	16°2	0°25		
T 23	0 21 17	3°25'17	28°4	19°27	22°18	22°4	19°41	24°2	20°R41	10°45	18°40	21°51	22°28	16°8	0°27		
F 24	0 25 14	4°24'54	12♎59	21°6	23°27	21°49	19°52	24°9	20°41	10°46	18°41	21°44	22°25	16°15	0°29		
S 25	0 29 10	5°24'33	27°41	22°46	24°38	21°33	20°4	24°16	20°41	10°47	18°42	21°39	22°21	16°22	0°30		
S 26	0 33 7	6°24'13	12♌8	24°27	25°48	21°19	20°15	24°23	20°41	10°49	18°43	21°38	22°18	16°28	0°32		
M27	0 37 4	7°23'55	26°15	26°9	26°58	21°5	20°27	24°31	20°41	10°50	18°44	21°D37	22°15	16°35	0°34		
T 28	0 41 0	8°23'40	10♌5	27°51	28°9	20°51	20°38	24°38	20°41	10°52	18°45	21°R38	22°12	16°42	0°36		
W29	0 44 57	9°23'25	23°31	29°33	29°19	20°39	20°50	24°45	20°40	10°53	18°46	21°37	22°9	16°48	0°38		
T 30	0 48 53	10♎23'13	6♋43	1♎16	0♎30	20♋26	21♎2	24♎52	20♎40	10♏54	18♌47	21♎34	22♎6	16♌55	0♌40		

Delta T = 52m57s

Julian Calendar 1 Sept. 773 == Greg. Calendar 5 Sept. 773

OCTOBER 773 C.E.JC

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♄	♅	♆	♇	♈	♉	♊	♋	♌	♍
F 1	0 52 50	11♎23'02	19♋41	2♎58	1♎41	20°R15	21♎13	25♎0	20°R40	10♏56	18♌48	21°R29	22♎2	17♌2	0°342		
S 2	0 56 46	12°22'53	2♋26	4°40	2°52	20♋5	21°25	25°7	20♎39	10°57	18°49	21♎20	21°59	17°8	0°45		
S 3	1 0 43	13°22'46	15°0	6°22	4°3	19°55	21°37	25°14	20°39	10°58	18°50	21°10	21°56	17°15	0°47		
M 4	1 4 39	14°22'40	27°24	8°3	5°14	19°46	21°49	25°21	20°38	10°59	18°51	20°58	21°53	17°22	0°49		
T 5	1 8 36	15°22'37	9♎38	9°44	6°26	19°37	22°1	25°28	20°37	11°1	18°52	20°45	21°50	17°28	0°52		
W 6	1 12 33	16°22'35	21°43	11°25	7°37	19°30	22°13	25°35	20°37	11°2	18°54	20°33	21°46	17°35	0°54		
T 7	1 16 29	17°22'36	3♌41	13°6	8°49	19°23	22°26	25°42	20°36	11°3	18°55	20°23	21°43	17°42	0°57		
F 8	1 20 26	18°22'38	15°33	14°46	10°1	19°17	22°38	25°49	20°35	11°4	18°56	20°15	21°40	17°48	1°0		
S 9	1 24 22	19°22'43	27°21	16°25	11°12	19°12	22°50	25°56	20°34	11°5	18°57	20°9	21°37	17°55	1°2		
S 10	1 28 19	20°22'50	9♎8	18°4	12°24	19°7	23°3	26°3	20°34	11°6	18°59	20°6	21°34	18°2	1°5		
M11	1 32 15	21°22'58	20°58	19°43	13°36	19°4	23°15	26°10	20°33	11°7	19°0	20°D6	21°31	18°8	1°8		
T 12	1 36 12	22°23'09	29♄55	21°21	14°48	19°1	23°28	26°17	20°32	11°8	19°1	20°6	21°27	18°15	1°11		
W13	1 40 8	23°23'23	15°4	22°59	16°1	18°59	23°40	26°24	20°31	11°9	19°3	20°7	21°24	18°22	1°14		
T 14	1 44 5	24°23'38	27°31	24°36	17°13	18°58	23°53	26°30	20°30	11°10	19°4	20°R7	21°21	18°28	1°17		
F 15	1 48 2	25°23'55	10♏20	26°13	18°26	18°D57	24°5	26°37	20°28	11°11	19°5	20°6	21°18	18°35	1°20		
S 16	1 51 58	26°24'14	23°36	27°50	19°38	18°58	24°18	26°44	20°27	11°12	19°7	20°3	21°15	18°42	1°23		
S 17	1 55 55	27°24'36	7♎22	29°26	20°51	18°59	24°31	26°51	20°26	11°13	19°8	19°57	21°12	18°48	1°27		
M18	1 59 51	28°24'59	21°37	1♎1	22°3	19°1	24°44	26°57	20°25	11°13	19°10	19°50	21°8	18°55	1°30		
T 19	2 3 48	29°25'24	6♎18	2°37	23°16	19°3	24°57	27°4	20°23	11°14	19°11	19°42	21°5	19°2	1°33		
W20	2 7 44	0♎25'51	21°20	4°12	24°29	19°7	25°9	27°10	20°22	11°15	19°13	19°34	21°2	19°8	1°37		
T 21	2 11 41	1°26'20	6♎32	5°47	25°42	19°11	25°22	27°17	20°21	11°16	19°14	19°27	20°59	19°15	1°40		
F 22	2 15 37	2°26'51	21°45	7°21	26°55	19°16	25°35	27°23	20°19	11°16	19°16	19°22	20°56	19°22	1°44		
S 23	2 19 34	3°27'23	6♌48	8°55	28°8	19°22	25°48	27°30	20°18	11°17	19°18	19°20	20°52	19°28	1°48		
S 24	2 23 31	4°27'57	21°33	10°29	29°21	19°29	26°1	27°36	20°16	11°17	19°19	19°D19	20°49	19°35	1°51		
M25	2 27 27	5°28'32	5♌56	12°3	0♎35	19°36	26°15	27°43	20°15	11°18	19°21	19°20	20°46	19°42	1°55		
T 26	2 31 24	6°29'08	19°54	13°36	1°48	19°44	26°28	27°49	20°13	11°19	19°23	19°21	20°43	19°48	1°59		
W27	2 35 20	7°29'46	3♎27	15°9	3°1	19°53	26°41	27°55	20°11	11°19	19°24	19°R22	20°40	19°55	2°3		
T 28	2 39 17	8°30'25	16°38	16°42	4°15	20°2	26°54	28°1	20°10	11°19	19°26	19°22	20°37	20°2	2°7		
F 29	2 43 13	9°31'05	29°29	18°15	5°28	20°12	27°7	28°8	20°8	11°20	19°28	19°20	20°33	20°8	2°11		
S 30	2 47 10	10°31'46	12♋4	19°48	6°42	20°23	27°21	28°14	20°6	11°20	19°29	19°16	20°30	20°15	2°15		
S 31	2 51 6	11♎32'28	24♋25	21♎20	7♎55	20♋34	27♎34	28♎20	20♎4	11♏21	19♌31	19♎10	20♎27	20♌22	2♌19		

Delta T = 52m56s

Julian Calendar

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SWISS EPHEMERIS for the year 773

NOVEMBER 773 C.E.JC

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♄	♅	♆	♇	♈	♉	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓
M 1	2 55 3	12♌33'12	6♋36	22♍52	9♄ 9	20♃46	27♍47	28♎26	20°R 2	11♏21	19♌33	19°R 4	20♐24	20♉28	2♃23								
T 2	2 59 0	13°33'56	18°38	24°24	10°23	20°59	28° 1	28°32	20°II 0	11°21	19°35	18°II57	20°21	20°35	2°27								
W 3	3 2 56	14°34'42	0♉35	25°56	11°37	21°12	28°14	28°37	19°59	11°21	19°37	18°50	20°18	20°42	2°31								
T 4	3 6 53	15°35'30	12°26	27°27	12°51	21°26	28°28	28°43	19°57	11°22	19°38	18°45	20°14	20°48	2°36								
F 5	3 10 49	16°36'18	24°16	28°59	14° 4	21°40	28°41	28°49	19°55	11°22	19°40	18°41	20°11	20°55	2°40								
S 6	3 14 46	17°37'08	6♐ 4	0♌30	15°18	21°55	28°54	28°55	19°53	11°22	19°42	18°38	20° 8	21° 2	2°44								
S 7	3 18 42	18°37'59	17°54	2° 0	16°32	22°11	29° 8	29° 0	19°50	11°22	19°44	18°D37	20° 5	21° 8	2°49								
M 8	3 22 39	19°38'52	29°47	3°31	17°47	22°27	29°21	29° 6	19°48	11°22	19°46	18°38	20° 2	21°15	2°53								
T 9	3 26 35	20°39'46	11♉48	5° 1	19° 1	22°44	29°35	29°11	19°46	11°22	19°48	18°39	19°58	21°22	2°58								
W10	3 30 32	21°40'41	24° 0	6°31	20°15	23° 1	29°49	29°17	19°44	11°R22	19°50	18°41	19°55	21°28	3° 2								
T11	3 34 29	22°41'38	6♐27	8° 1	21°29	23°18	0♌ 2	29°22	19°42	11°22	19°52	18°43	19°52	21°35	3° 7								
F12	3 38 25	23°42'36	19°13	9°30	22°43	23°37	0°16	29°27	19°40	11°22	19°54	18°R44	19°49	21°42	3°12								
S13	3 42 22	24°43'35	2♎22	10°59	23°58	23°55	0°29	29°33	19°37	11°22	19°56	18°43	19°46	21°48	3°16								
S14	3 46 18	25°44'36	15°57	12°27	25°12	24°14	0°43	29°38	19°35	11°22	19°58	18°42	19°43	21°55	3°21								
M15	3 50 15	26°45'38	29°59	13°54	26°26	24°34	0°56	29°43	19°33	11°22	20° 0	18°40	19°39	22° 2	3°26								
T16	3 54 11	27°46'41	14♌28	15°21	27°41	24°54	1°10	29°48	19°30	11°22	20° 2	18°37	19°36	22° 8	3°31								
W17	3 58 8	28°47'45	29°20	16°46	28°55	25°14	1°24	29°53	19°28	11°21	20° 4	18°34	19°33	22°15	3°35								
T18	4 2 4	29°48'50	14♍28	18°10	0♍10	25°35	1°37	29°58	19°26	11°21	20° 6	18°32	19°30	22°22	3°40								
F19	4 6 1	0♌49'56	29°43	19°33	1°24	25°56	1°51	0♌ 3	19°23	11°21	20° 8	18°30	19°27	22°28	3°45								
S20	4 9 58	1°51'03	14♌54	20°55	2°39	26°18	2° 5	0° 7	19°21	11°20	20°10	18°D30	19°24	22°35	3°50								
S21	4 13 54	2°52'11	29°52	22°14	3°53	26°40	2°18	0°12	19°18	11°20	20°12	18°30	19°20	22°42	3°55								
M22	4 17 51	3°53'20	14♉30	23°32	5° 8	27° 3	2°32	0°16	19°16	11°20	20°14	18°31	19°17	22°48	4° 0								
T23	4 21 47	4°54'28	28°43	24°46	6°23	27°26	2°46	0°21	19°14	11°19	20°16	18°32	19°14	22°55	4° 5								
W24	4 25 44	5°55'38	12♌28	25°58	7°37	27°49	2°59	0°25	19°11	11°19	20°18	18°33	19°11	23° 2	4°10								
T25	4 29 40	6°56'47	25°47	27° 7	8°52	28°13	3°13	0°30	19° 9	11°18	20°20	18°34	19° 8	23° 8	4°15								
F26	4 33 37	7°57'57	8♌41	28°11	10° 7	28°37	3°27	0°34	19° 6	11°18	20°22	18°R34	19° 4	23°15	4°21								
S27	4 37 33	8°59'07	21°15	29°10	11°21	29° 1	3°40	0°38	19° 3	11°17	20°24	18°34	19° 1	23°21	4°26								
S28	4 41 30	10° 0'17	3♋32	0♉ 5	12°36	29°26	3°54	0°42	19° 1	11°17	20°27	18°33	18°58	23°28	4°31								
M29	4 45 27	11° 1'27	15°37	0°53	13°51	29°51	4° 7	0°46	18°58	11°16	20°29	18°32	18°55	23°35	4°36								
T30	4 49 23	12♌ 2'37	27♋32	1♉34	15♍ 6	0♋16	4♌21	0♌50	18°II56	11♏15	20♌31	18°II31	18°II52	23♉41	4♉41								

Delta T = 52m55s

Julian Calendar 1 Nov. 773 == Greg. Calendar 5 Nov. 773

DECEMBER 773 C.E.JC

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♄	♅	♆	♇	♈	♉	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓
W 1	4 53 20	13♌ 3'48	9♉23	2♃ 8	16♍21	0♋41	4♌35	0♌54	18°R53	11°R15	20♌33	18°R30	18°II49	23♉48	4♉47								
T 2	4 57 16	14° 4'59	21°11	2°33	17°35	1° 7	4°48	0°57	18°II51	11°II14	20°35	18°II29	18°45	23°55	4°52								
F 3	5 1 13	15° 6'10	3♐ 0	2°48	18°50	1°34	5° 2	1° 1	18°48	11°13	20°37	18°29	18°42	24° 1	4°57								
S 4	5 5 9	16° 7'21	14°52	2°R52	20° 5	2° 0	5°15	1° 4	18°46	11°12	20°39	18°D29	18°39	24° 8	5° 3								
S 5	5 9 6	17° 8'33	26°48	2°46	21°20	2°27	5°29	1° 8	18°43	11°12	20°41	18°29	18°36	24°15	5° 8								
M 6	5 13 2	18° 9'45	8♉52	2°28	22°35	2°54	5°42	1°11	18°40	11°11	20°44	18°R29	18°33	24°21	5°13								
T 7	5 16 59	19°10'57	21° 4	1°58	23°50	3°21	5°56	1°14	18°38	11°10	20°46	18°29	18°30	24°28	5°19								
W 8	5 20 56	20°12'09	3♏27	1°16	25° 5	3°49	6° 9	1°18	18°35	11° 9	20°48	18°29	18°26	24°35	5°24								
T 9	5 24 52	21°13'22	16° 3	0°24	26°20	4°16	6°23	1°21	18°33	11° 8	20°50	18°29	18°23	24°41	5°29								
F10	5 28 49	22°14'35	28°54	29♌21	27°34	4°44	6°36	1°24	18°30	11° 7	20°52	18°28	18°20	24°48	5°35								
S11	5 32 45	23°15'48	12♎ 3	28°11	28°49	5°13	6°50	1°26	18°27	11° 6	20°54	18°28	18°17	24°55	5°40								
S12	5 36 42	24°17'01	25°31	26°54	0♌ 4	5°41	7° 3	1°29	18°25	11° 5	20°56	18°D28	18°14	25° 1	5°46								
M13	5 40 38	25°18'14	9♌21	25°34	1°19	6°10	7°16	1°32	18°22	11° 4	20°59	18°28	18°10	25° 8	5°51								
T14	5 44 35	26°19'28	23°32	24°13	2°34	6°39	7°30	1°34	18°20	11° 3	21° 1	18°28	18° 7	25°15	5°57								
W15	5 48 31	27°20'41	8♍ 3	22°54	3°49	7° 8	7°43	1°37	18°17	11° 2	21° 3	18°29	18° 4	25°21	6° 2								
T16	5 52 28	28°21'55	22°49	21°39	5° 4	7°37	7°56	1°39	18°15	11° 1	21° 5	18°30	18° 1	25°28	6° 8								
F17	5 56 25	29°23'09	7♌47	20°30	6°19	8° 7	8°10	1°41	18°12	11° 0	21° 7	18°31	17°58	25°35	6°13								
S18	6 0 21	0♉24'23	22°47	19°29	7°34	8°37	8°23	1°44	18°10	10°58	21° 9	18°R31	17°55	25°41	6°19								
S19	6 4 18	1°25'36	7♉41	18°37	8°49	9° 7	8°36	1°46	18° 7	10°57	21°11	18°30	17°51	25°48	6°24								
M20	6 8 14	2°26'49	22°21	17°54	10° 5	9°37	8°49	1°48	18° 5	10°56	21°13	18°29	17°48	25°55	6°30								
T21	6 12 11	3°28'01	6♌41	17°21	11°20	10° 7	9° 2	1°50	18° 2	10°55	21°16	18°27	17°45	26° 1	6°35								
W22	6 16 7	4°29'13	20°36	16°58	12°35	10°38	9°15	1°51	18° 0	10°54	21°18	18°25	17°42	26° 8	6°41								
T23	6 20 4	5°30'24	4♌ 4	16°44	13°50	11° 8	9°28	1°53	17°57	10°52	21°20	18°23	17°39	26°15	6°46								
F24	6 24 1	6°31'34	17° 6	16°D40	15° 5	11°39	9°41	1°54	17°55	10°51	21°22	18°21	17°36	26°21	6°52								
S25	6 27 57	7°32'44	29°45	16°44	16°20	12°10	9°54	1°56	17°52	10°50	21°24	18°20	17°32	26°28	6°57								
S26	6 31 54	8°33'52	12♋ 4	16°56	17°35	12°41	10° 7	1°57	17°50	10°48	21°26	18°D20	17°29	26°35	7° 3								
M27	6 35 50	9°35'00	6♉ 8	17°15	18°50	13°13	10°20	1°58	17°48	10°47	21°28	18°20	17°26	26°41	7° 8								
T28	6 39 47	10°36'06	24° 2	17°40	20° 5	13°44	10°32	2° 0	17°45	10°46	21°30	18°22	17°23	26°48	7°14								
W29	6 43 43	11°37'12	17°50	18°12	21°20	14°16	10°45	2° 1	17°43	10°44	21°32	18°24	17°20	26°55	7°19								
T30	6 47 40	12°38'17	29°38	18°49	22°35	14°48	10°58	2° 1	17°41	10°43	21°34	18°25	17°16	27° 1	7°25								
F31	6 51 36	13♉39'21	11°II28	19♌31	23♌50	15♋20	11♌10	2♌ 2	17°II39	10♏41	21♌36	18°II26	17°II13	27♉ 8	7♉30								

Delta T = 52m55s

Julian Calendar

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