



Astrodienst Ephemeris Tables for the year 1793

tropical geocentric zodiac

contains Sun, Moon, Mercury, Venus, Mars, Jupiter, Saturn, Uranus, Neptune, Pluto, True Node, Moon's Node, Lilith, Chiron

Programming
Dieter Koch and Alois Treindl
based on Swiss Ephemeris
Code D5EPH

ASTRODIENST EPHEMERIS for the year 1793

geocentric

JANUARY 1793

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	6 44 21	11°38' 838	20°46' 46	12°25' 17	17°11' 11	12°34' 4	24°16' 6	25°20' 20	23°13' 13	1°44' 11	21°57' 57	17°R 6	18°36' 36	0°49' 49	28°R35	T 1
W 2	6 48 17	12° 9' 48	2°36' 36	11°38' 4	18°24' 18	12°51' 12	24°16' 16	25°21' 21	23°12' 12	1°45' 11	21°59' 59	17°36' 36	18°33' 33	0°56' 56	28°31' 31	W 2
T 3	6 52 14	13°10' 57	14°31' 14	9°43' 9	19°37' 19	13°38' 13	24°27' 24	25°21' 25	23°10' 23	1°46' 11	22° 0' 0	17°D 1	18°29' 18	1° 2' 2	28°26' 26	T 3
F 4	6 56 10	14°12' 06	26°36' 26	8°26' 8	20°50' 20	14°26' 14	24°38' 24	25°22' 25	23° 8' 23	1°47' 11	22° 1' 2	17° 2' 2	18°26' 18	1° 9' 9	28°22' 22	F 4
S 5	7 0 7	15°13' 16	8°55' 55	7°15' 7	22° 3' 22	15°13' 15	24°49' 24	25°23' 25	23° 6' 23	1°48' 11	22° 3' 22	17° 2' 2	18°23' 18	1°16' 16	28°18' 18	S 5
S 6	7 4 3	16°14' 25	21°35' 21	6°10' 6	23°16' 23	16° 0' 16	24°59' 24	25°24' 25	23° 4' 23	1°49' 11	22° 4' 22	17°R 2	18°20' 18	1°22' 22	28°14' 14	S 6
M 7	7 8 0	17°15' 35	4°39' 39	5°14' 5	24°29' 24	16°47' 16	25°10' 25	25°25' 25	23° 2' 23	1°50' 11	22° 6' 22	17° 1' 1	18°17' 18	1°29' 29	28° 9' 28	M 7
T 8	7 11 56	18°16' 44	18°11' 18	4°27' 4	25°42' 25	17°35' 17	25°20' 25	25°27' 25	23° 0' 23	1°51' 11	22° 7' 22	16°57' 16	18°13' 18	1°36' 36	28° 5' 28	T 8
W 9	7 15 53	19°17' 54	2°14' 14	3°49' 3	26°54' 26	18°22' 18	25°30' 25	25°28' 25	22°58' 22	1°52' 11	22° 9' 22	16°51' 16	18°10' 18	1°42' 42	28° 1' 28	W 9
T 10	7 19 50	20°19' 03	16°46' 16	3°22' 3	28° 7' 28	19° 9' 19	25°40' 25	25°29' 25	22°56' 22	1°52' 11	22°10' 22	16°43' 16	18° 7' 18	1°49' 49	27°56' 27	T 10
F 11	7 23 46	21°20' 12	1°34' 34	3° 4' 3	29°20' 29	19°57' 19	25°50' 25	25°31' 25	22°54' 22	1°53' 11	22°12' 22	16°34' 16	18° 4' 18	1°56' 56	27°52' 27	F 11
S 12	7 27 43	22°21' 21	16°55' 16	2°D56	0°32' 32	20°44' 20	26° 0' 26	25°33' 25	22°52' 22	1°54' 11	22°13' 22	16°25' 16	18° 1' 18	2° 3' 2	27°47' 27	S 12
S 13	7 31 39	23°22' 30	2°14' 14	2°56' 2	1°45' 1	21°31' 21	26°10' 26	25°34' 25	22°50' 22	1°55' 11	22°15' 22	16°18' 16	17°58' 17	2° 9' 2	27°43' 27	S 13
M14	7 35 36	24°23' 38	17°26' 17	3° 4' 3	2°57' 2	22°18' 22	26°20' 26	25°36' 25	22°48' 22	1°55' 11	22°16' 22	16°12' 16	17°54' 17	2°16' 16	27°39' 27	M14
T 15	7 39 32	25°24' 45	2°24' 24	3°20' 3	4° 9' 4	23° 6' 23	26°30' 26	25°38' 25	22°46' 22	1°56' 11	22°18' 22	16° 9' 16	17°51' 17	2°23' 23	27°34' 27	T 15
W16	7 43 29	26°25' 51	16°59' 16	3°43' 3	5°21' 5	23°53' 23	26°39' 26	25°40' 25	22°43' 22	1°56' 11	22°20' 22	16°D 8	17°48' 17	2°29' 29	27°30' 27	W16
T 17	7 47 25	27°26' 56	1°9' 9	4°12' 4	6°33' 6	24°40' 24	26°49' 26	25°43' 25	22°41' 22	1°57' 11	22°21' 22	16° 9' 16	17°45' 17	2°36' 36	27°25' 27	T 17
F 18	7 51 22	28°28' 01	14°51' 14	4°46' 4	7°46' 7	25°28' 25	26°58' 26	25°45' 25	22°39' 22	1°57' 11	22°23' 22	16°10' 16	17°42' 17	2°43' 43	27°21' 27	F 18
S 19	7 55 19	29°29' 04	28° 8' 28	5°26' 5	8°57' 8	26°15' 26	27° 7' 27	25°48' 25	22°36' 22	1°58' 11	22°24' 22	16°R11	17°39' 17	2°49' 49	27°16' 27	S 19
S 20	7 59 15	0°30' 06	11°38' 4	6°10' 6	10° 9' 10	27° 2' 27	27°16' 27	25°50' 25	22°34' 22	1°58' 11	22°26' 22	16°10' 16	17°35' 17	2°56' 56	27°12' 27	S 20
M21	8 3 12	1°31' 08	23°40' 23	6°59' 6	11°21' 11	27°49' 27	27°25' 27	25°53' 25	22°32' 22	1°59' 11	22°28' 22	16° 8' 16	17°32' 17	3° 3' 3	27° 7' 27	M21
T 22	8 7 8	2°32' 08	6°11' 6	7°51' 7	12°33' 12	28°37' 28	27°34' 27	25°55' 25	22°29' 22	1°59' 11	22°29' 22	16° 3' 16	17°29' 17	3° 9' 3	27° 3' 27	T 22
W23	8 11 5	3°33' 07	18°13' 18	8°47' 8	13°44' 13	29°24' 29	27°43' 27	25°58' 25	22°27' 22	1°59' 11	22°31' 22	15°57' 15	17°26' 17	3°16' 16	26°59' 26	W23
T 24	8 15 1	4°34' 05	0°15' 15	9°46' 9	14°56' 14	0°11' 11	27°52' 27	26° 1' 26	22°24' 22	2° 0' 2	22°33' 22	15°49' 15	17°23' 17	3°23' 23	26°54' 26	T 24
F 25	8 18 58	5°35' 02	12°11' 12	10°48' 10	16° 7' 16	0°58' 58	28° 0' 28	26° 4' 26	22°22' 22	2° 0' 2	22°34' 22	15°41' 15	17°19' 17	3°29' 29	26°50' 26	F 25
S 26	8 22 54	6°35' 58	24° 4' 24	11°52' 11	17°18' 17	1°46' 1	28° 9' 28	26° 7' 26	22°19' 22	2° 0' 2	22°36' 22	15°33' 15	17°16' 17	3°36' 36	26°45' 26	S 26
S 27	8 26 51	7°36' 53	5°54' 54	12°59' 12	18°29' 18	2°33' 2	28°17' 28	26°11' 26	22°17' 22	2° 1' 2	22°38' 22	15°26' 15	17°13' 17	3°43' 43	26°41' 26	S 27
M28	8 30 48	8°37' 47	17°44' 17	14° 8' 14	19°40' 19	3°20' 3	28°25' 28	26°14' 26	22°14' 22	2° 1' 2	22°39' 22	15°21' 15	17°10' 17	3°49' 49	26°37' 26	M28
T 29	8 34 44	9°38' 40	29°35' 29	15°19' 15	20°51' 20	4° 7' 4	28°33' 28	26°18' 26	22°12' 22	2° 1' 2	22°41' 22	15°18' 15	17° 7' 17	3°56' 56	26°32' 26	T 29
W30	8 38 41	10°39' 32	11°30' 11	16°32' 16	22° 2' 22	4°54' 4	28°41' 28	26°21' 26	22° 9' 22	2° 1' 2	22°43' 22	15°D17	17° 4' 17	4° 3' 4	26°28' 26	W30
T 31	8 42 37	11°40' 22	23°31' 23	17°34' 17	23°13' 23	5°42' 5	28°48' 28	26°25' 26	22° 7' 22	2° 1' 2	22°44' 22	15°17' 15	17° 0' 17	4°10' 10	26°24' 26	T 31

Delta T = 21.01 sec

Greg. Calendar

FEBRUARY 1793

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	8 46 34	12°41'12	5°41	19°2	24°23	6°29	28°16	26°28	22°R 4	2°R 1	22°46	15°18	16°57	4°16	26°R20	F 1
S 2	8 50 30	13°42'01	18° 4	20°19	25°34	7°16	29° 4	26°32	22°12	2°1	22°48	15°20	16°54	4°23	26°15	S 2
S 3	8 54 27	14°42'49	0°14	21°38	26°44	8° 3	29°11	26°36	21°59	2° 1	22°50	15°22	16°51	4°30	26°11	S 3
M 4	8 58 23	15°43'36	13°45	22°58	27°54	8°50	29°18	26°40	21°56	2° 1	22°51	15°R22	16°48	4°36	26° 7	M 4
T 5	9 2 20	16°44'22	27° 9	24°20	29° 4	9°37	29°25	26°44	21°54	2° 1	22°53	15°22	16°45	4°43	26° 3	T 5
W 6	9 6 17	17°45'07	10°15	25°42	0°14	10°24	29°32	26°48	21°51	2° 1	22°55	15°20	16°41	4°50	25°59	W 6
T 7	9 10 13	18°45'51	25°17	27° 6	1°24	11°11	29°39	26°53	21°48	2° 0	22°57	15°17	16°38	4°56	25°55	T 7
F 8	9 14 10	19°46'35	9°58	28°31	2°33	11°58	29°45	26°57	21°46	2° 0	22°58	15°14	16°35	5° 3	25°51	F 8
S 9	9 18 6	20°47'16	24°59	29°57	3°43	12°45	29°52	27° 2	21°43	2° 0	23° 0	15°10	16°32	5°10	25°47	S 9
S 10	9 22 3	21°47'57	10°10	1°24	4°52	13°32	29°58	27° 6	21°41	2° 0	23° 2	15° 7	16°29	5°16	25°43	S 10
M11	9 25 59	22°48'36	25°22	2°52	6° 1	14°19	0°47	27°11	21°38	1°59	23° 3	15° 5	16°25	5°23	25°40	M11
T 12	9 29 56	23°49'14	10°25	4°21	7°10	15° 6	0°10	27°15	21°35	1°59	23° 5	15°D 4	16°22	5°30	25°36	T 12
W13	9 33 52	24°49'50	25°11	5°50	8°19	15°53	0°16	27°20	21°33	1°59	23° 7	15° 4	16°19	5°36	25°32	W13
T 14	9 37 49	25°50'24	9°33	7°21	9°28	16°40	0°22	27°25	21°30	1°58	23° 9	15° 5	16°16	5°43	25°29	T 14
F 15	9 41 46	26°50'56	23°28	8°53	10°36	17°26	0°27	27°30	21°27	1°58	23°10	15° 7	16°13	5°50	25°25	F 15
S 16	9 45 42	27°51'27	6°56	10°26	11°44	18°13	0°33	27°35	21°25	1°57	23°12	15° 8	16°10	5°56	25°22	S 16
S 17	9 49 39	28°51'56	19°59	11°59	12°52	19° 0	0°38	27°40	21°22	1°57	23°14	15° 9	16° 6	6° 3	25°18	S 17
M18	9 53 35	29°52'23	2°13	13°34	14° 0	19°47	0°43	27°45	21°20	1°56	23°16	15°R 9	16° 3	6°10	25°15	M18
T 19	9 57 32	0°52'48	15° 1	15° 9	15° 8	20°34	0°48	27°51	21°17	1°56	23°17	15° 8	16° 0	6°16	25°12	T 19
W20	10 1 28	1°53'11	27° 8	16°46	16°15	21°20	0°53	27°56	21°14	1°55	23°19	15° 7	15°57	6°23	25° 9	W20
T 21	10 5 25	2°53'33	9°26	18°23	17°23	22° 7	0°57	28° 1	21°12	1°55	23°21	15° 6	15°54	6°30	25° 5	T 21
F 22	10 9 21	3°53'52	20°58	20° 2	18°30	22°54	1° 2	28° 7	21° 9	1°54	23°23	15° 4	15°51	6°36	25° 2	F 22
S 23	10 13 18	4°54'09	2°47	21°41	19°36	23°40	1° 6	28°12	21° 7	1°53	23°24	15° 2	15°47	6°43	25° 0	S 23
S 24	10 17 15	5°54'25	14°37	23°22	20°43	24°27	1°10	28°18	21° 4	1°53	23°26	15° 1	15°44	6°50	24°57	S 24
M25	10 21 11	6°54'39	26°29	25° 3	21°49	25°13	1°14	28°24	21° 2	1°52	23°28	15° 0	15°41	6°56	24°54	M25
T 26	10 25 8	7°54'50	8°17	26°46	22°55	26° 0	1°17	28°30	20°59	1°51	23°29	15° 0	15°38	7° 3	24°51	T 26
W27	10 29 4	8°55'00	20°31	28°29	24° 1	26°46	1°21	28°35	20°57	1°50	23°31	15°D 0	15°35	7°10	24°48	W27
T 28	10 33 1	9°55'09	2°44	0°14	25°37	27°33	1°24	28°41	20°54	1°49	23°33	15°10	15°31	7°16	24°46	T 28

ASTRODIENST EPHEMERIS for the year 1793

geocentric

MARCH 1793

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	10 36 57	10 ^h 55'15"	15 ^h 28' 8"	1 ^h 59' 26 ^h Y12	28 ^h 19' 1 ^h 27'	28 ^h 47' 20 ^h R52	1 ^h R48	23 ^h 33' 15 ^h 0	15 ^h 0	15 ^h 28' 7 ^h 023	24 ^h R43	F 1				
S 2	10 40 54	11 ^h 55'20"	27 ^h 44' 3 ^h 46	27 ^h 17' 29 ^h 5	1 ^h 30	28 ^h 53' 20 ^h 049	1 ^h M48	23 ^h 36' 15 ^h 1	15 ^h 25' 7 ^h 30	24 ^h 041	S 2					
S 3	10 44 50	12 ^h 55'23"	10 ^h M35	5 ^h 34' 28 ^h 22	29 ^h 52' 1 ^h 33	28 ^h 59' 20 ^h 47	1 ^h 47	23 ^h 38' 15 ^h 1	15 ^h 22' 7 ^h 37	24 ^h 39	S 3					
M 4	10 48 47	13 ^h 55'24"	23 ^h 41' 7 ^h 23	29 ^h 27' 0 ^h Y38	1 ^h 36	29 ^h 5' 20 ^h 45	1 ^h 46	23 ^h 39' 15 ^h 1	15 ^h 19' 7 ^h 43	24 ^h 37	M 4					
T 5	10 52 43	14 ^h 55'24"	7 ^h 27' 6	9 ^h 13' 0 ^h 831	1 ^h 24' 1 ^h 38	29 ^h 12' 20 ^h 42	1 ^h 45	23 ^h 41' 15 ^h 1	15 ^h 16' 7 ^h 50	24 ^h 34	T 5					
W 6	10 56 40	15 ^h 55'23"	20 ^h 49' 11 ^h 4	1 ^h 35' 2 ^h 10	1 ^h 41	29 ^h 18' 20 ^h 40	1 ^h 44	23 ^h 43' 15 ^h 1	15 ^h 12' 7 ^h 57	24 ^h 32	W 6					
T 7	11 0 37	16 ^h 55'20"	4 ^h 353	12 ^h 56' 2 ^h 38	2 ^h 56' 1 ^h 43	29 ^h 24' 20 ^h 38	1 ^h 43	23 ^h 44' 15 ^h 1	15 ^h 9' 8 ^h 3	24 ^h 31	T 7					
F 8	11 4 33	17 ^h 55'15"	19 ^h 15' 14 ^h 49	3 ^h 42' 3 ^h 43	1 ^h 45	29 ^h 31' 20 ^h 36	1 ^h 42	23 ^h 46' 15 ^h 1	15 ^h 6' 8 ^h 10	24 ^h 29	F 8					
S 9	11 8 30	18 ^h 55'08"	3 ^h 53' 16 ^h 44	4 ^h 45' 4 ^h 29	1 ^h 46	29 ^h 37' 20 ^h 33	1 ^h 41	23 ^h 47' 15 ^h 2	15 ^h 3' 8 ^h 17	24 ^h 27	S 9					
S 10	11 12 26	19 ^h 55'00"	18 ^h 41' 18 ^h 39	5 ^h 47' 5 ^h 15	1 ^h 48	29 ^h 43' 20 ^h 31	1 ^h 40	23 ^h 49' 15 ^h 2	15 ^h 0' 8 ^h 23	24 ^h 25	S 10					
M 11	11 16 23	20 ^h 54'50"	3 ^h 35' 20 ^h 35	6 ^h 50' 6 ^h 1	1 ^h 49	29 ^h 50' 20 ^h 29	1 ^h 38	23 ^h 51' 15 ^h 3	14 ^h 56' 8 ^h 30	24 ^h 24	M 11					
T 12	11 20 19	21 ^h 54'38"	18 ^h 25' 22 ^h 33	7 ^h 52' 6 ^h 47	1 ^h 50	29 ^h 57' 20 ^h 27	1 ^h 37	23 ^h 52' 15 ^h R 3	14 ^h 53' 8 ^h 37	24 ^h 22	T 12					
W 13	11 24 16	22 ^h 54'24"	3 ^h Y 4	24 ^h 31' 8 ^h 53	7 ^h 33' 1 ^h 51	0 ^h 8 3' 20 ^h 25	1 ^h 36	23 ^h 54' 15 ^h 2	14 ^h 50' 8 ^h 43	24 ^h 21	W 13					
T 14	11 28 12	23 ^h 54'07"	17 ^h 26' 26 ^h 30	9 ^h 54' 8 ^h 19	1 ^h 52	0 ^h 10' 20 ^h 23	1 ^h 35	23 ^h 55' 15 ^h 2	14 ^h 47' 8 ^h 50	24 ^h 20	T 14					
F 15	11 32 9	24 ^h 53'49"	1 ^h 826	28 ^h 29' 10 ^h 55	9 ^h 5' 1 ^h 53	0 ^h 17' 20 ^h 21	1 ^h 34	23 ^h 57' 15 ^h 0	14 ^h 44' 8 ^h 57	24 ^h 18	F 15					
S 16	11 36 6	25 ^h 53'29"	15 ^h 1' 0 ^h Y29	11 ^h 56' 9 ^h 50	1 ^h 53	0 ^h 23' 20 ^h 19	1 ^h 32	23 ^h 58' 14 ^h 59	14 ^h 41' 9 ^h 3	24 ^h 17	S 16					
S 17	11 40 2	26 ^h 53'06"	28 ^h 10' 2 ^h 30	12 ^h 56' 10 ^h 36	1 ^h 53	0 ^h 30' 20 ^h 17	1 ^h 31	24 ^h 0' 14 ^h 58	14 ^h 37' 9 ^h 10	24 ^h 16	S 17					
M 18	11 43 59	27 ^h 52'41"	10 ^h II56	4 ^h 30' 13 ^h 55	11 ^h 22' 1 ^h R53	0 ^h 37' 20 ^h 15	1 ^h 30	24 ^h 1' 14 ^h 57	14 ^h 34' 9 ^h 17	24 ^h 16	M 18					
T 19	11 47 55	28 ^h 52'14"	23 ^h 22' 6 ^h 31	14 ^h 55' 12 ^h 8	1 ^h 53	0 ^h 44' 20 ^h 13	1 ^h 29	24 ^h 3' 14 ^h D56	14 ^h 31' 9 ^h 23	24 ^h 15	T 19					
W 20	11 51 52	29 ^h 51'45"	5 ^h 32' 8 ^h 31	15 ^h 53' 12 ^h 53	1 ^h 53	0 ^h 51' 20 ^h 11	1 ^h 27	24 ^h 4' 14 ^h 56	14 ^h 28' 9 ^h 30	24 ^h 14	W 20					
T 21	11 55 48	0 ^h Y51'13"	17 ^h 30' 10 ^h 30	16 ^h 52' 13 ^h 39	1 ^h 52	0 ^h 58' 20 ^h 9	1 ^h 26	24 ^h 6' 14 ^h 57	14 ^h 25' 9 ^h 37	24 ^h 14	T 21					
F 22	11 59 45	1 ^h 50'39"	29 ^h 21' 12 ^h 29	17 ^h 49' 14 ^h 24	1 ^h 52	1 ^h 5' 20 ^h 7	1 ^h 25	24 ^h 7' 14 ^h 58	14 ^h 22' 9 ^h 43	24 ^h 13	F 22					
S 23	12 3 41	2 ^h 50'02"	11 ^h 0 9	14 ^h 26' 18 ^h 47	1 ^h 51	1 ^h 12' 20 ^h 6	1 ^h 23	24 ^h 9' 14 ^h 59	14 ^h 18' 9 ^h 50	24 ^h 13	S 23					
S 24	12 7 38	3 ^h 49'24"	23 ^h 0' 16 ^h 21	19 ^h 43' 15 ^h 55	1 ^h 50	1 ^h 19' 20 ^h 4	1 ^h 22	24 ^h 10' 15 ^h 1	14 ^h 15' 9 ^h 57	24 ^h 12	S 24					
M 25	12 11 35	4 ^h 48'43"	4 ^h 11' 18 ^h 14	20 ^h 39' 16 ^h 41	1 ^h 48	1 ^h 26' 20 ^h 2	1 ^h 20	24 ^h 11' 15 ^h 2	14 ^h 12' 10 ^h 3	24 ^h 12	M 25					
T 26	12 15 31	5 ^h 48'00"	17 ^h 2' 20 ^h 5	21 ^h 35' 17 ^h 26	1 ^h 47	1 ^h 33' 20 ^h 1	1 ^h 19	24 ^h 13' 15 ^h R 2	14 ^h 9' 10 ^h 10	24 ^h D12	T 26					
W 27	12 19 28	6 ^h 47'14"	29 ^h 18' 21 ^h 53	22 ^h 30' 18 ^h 11	1 ^h 45	1 ^h 41' 19 ^h 59	1 ^h 17	24 ^h 14' 15 ^h 2	14 ^h 6' 10 ^h 17	24 ^h 12	W 27					
T 28	12 23 24	7 ^h 46'27"	11 ^h 47' 23 ^h 37	23 ^h 24' 18 ^h 57	1 ^h 43	1 ^h 48' 19 ^h 58	1 ^h 16	24 ^h 16' 15 ^h 0	14 ^h 2' 10 ^h 23	24 ^h 12	T 28					
F 29	12 27 21	8 ^h 45'38"	24 ^h 30' 25 ^h 18	24 ^h 18' 19 ^h 42	1 ^h 41	1 ^h 55' 19 ^h 56	1 ^h 15	24 ^h 17' 14 ^h 57	13 ^h 59' 10 ^h 30	24 ^h 13	F 29					
S 30	12 31 17	9 ^h 44'46"	7 ^h M27	26 ^h 55' 25 ^h 11	20 ^h 27' 1 ^h 39	2 ^h 2' 20 ^h 55	1 ^h 13	24 ^h 18' 14 ^h 53	13 ^h 56' 10 ^h 37	24 ^h 13	S 30					
S 31	12 35 14	10 ^h Y43'53"	20 ^h M38	28 ^h Y27	26 ^h 8 4	21 ^h Y12	1 ^h 37	2 ^h 810	19 ^h 053	1 ^h M12	24 ^h 20	14 ^h 49	13 ^h 53	10 ^h 043	24 ^h 013	S 31

Delta T = 20.97 sec

Greg. Calendar

APRIL 1793

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	12 39 10	11°42'58	4°27' 2	29°54	26°56	21°57	1°R34	2°17	19°R52	1°R10	24°21	14°R45	13°50	10°050	24°014	M 1
T 2	12 43 7	12°42'01	17°38	18°16	27°47	22°42	1°32	2°24	19°051	1°M 9	24°22	14°42	13°47	10°57	24°15	T 2
W 3	12 47 3	13°41'02	1°327	2°33	28°37	23°27	1°29	2°32	19°49	1° 7	24°23	14°40	13°43	11° 3	24°15	W 3
T 4	12 51 0	14°40'02	15°26	3°45	29°27	24°12	1°26	2°39	19°48	1° 5	24°25	14°D40	13°40	11°10	24°16	T 4
F 5	12 54 57	15°39'00	29°36	4°50	0°II15	24°57	1°22	2°47	19°47	1° 4	24°26	14°40	13°37	11°17	24°17	F 5
S 6	12 58 53	16°37'56	13°54	5°50	1° 3	25°42	1°19	2°54	19°46	1° 2	24°27	14°42	13°34	11°23	24°18	S 6
S 7	13 2 50	17°36'51	28°17	6°44	1°50	26°27	1°15	3° 2	19°45	1° 1	24°28	14°43	13°31	11°30	24°19	S 7
M 8	13 6 46	18°35'43	12°44	7°31	2°37	27°11	1°12	3° 9	19°44	0°59	24°29	14°R44	13°28	11°37	24°21	M 8
T 9	13 10 43	19°34'34	27° 9	8°12	3°22	27°56	1° 8	3°17	19°43	0°58	24°30	14°43	13°24	11°43	24°22	T 9
W10	13 14 39	20°33'23	11°Y27	8°47	4° 6	28°41	1° 3	3°24	19°42	0°56	24°31	14°41	13°21	11°50	24°23	W10
T 11	13 18 36	21°32'10	25°34	9°16	4°50	29°25	0°59	3°32	19°41	0°54	24°33	14°37	13°18	11°57	24°25	T 11
F 12	13 22 32	22°30'55	9°24	9°38	5°32	0°810	0°55	3°39	19°40	0°53	24°34	14°31	13°15	12° 3	24°27	F 12
S 13	13 26 29	23°29'38	22°55	9°53	6°14	0°54	0°50	3°47	19°40	0°51	24°35	14°25	13°12	12°10	24°28	S 13
S 14	13 30 26	24°28'18	6°II 4	10° 3	6°54	1°39	0°45	3°55	19°39	0°50	24°36	14°18	13° 8	12°17	24°30	S 14
M15	13 34 22	25°26'57	18°51	10°R 6	7°33	2°23	0°40	4° 2	19°38	0°48	24°37	14°13	13° 5	12°23	24°32	M15
T 16	13 38 19	26°25'34	1°319	10° 3	8°11	3° 8	0°35	4°10	19°38	0°46	24°38	14° 8	13° 2	12°30	24°34	T 16
W17	13 42 15	27°24'08	13°31	9°55	8°47	3°52	0°30	4°18	19°37	0°45	24°39	14° 5	12°59	12°37	24°36	W17
T 18	13 46 12	28°22'40	25°30	9°41	9°23	4°36	0°25	4°25	19°37	0°43	24°40	14°D 4	12°56	12°43	24°39	T 18
F 19	13 50 8	29°21'10	7°J21	9°22	9°57	5°20	0°19	4°33	19°36	0°41	24°40	14° 4	12°53	12°50	24°41	F 19
S 20	13 54 5	0°819'38	19°10	8°58	10°29	6° 5	0°14	4°41	19°36	0°40	24°41	14° 5	12°49	12°57	24°43	S 20
S 21	13 58 1	1°18'04	1°11 2	8°30	11° 0	6°49	0° 8	4°48	19°36	0°38	24°42	14° 7	12°46	13° 3	24°46	S 21
M22	14 1 58	2°16'27	13° 2	7°59	11°30	7°33	0° 2	4°56	19°35	0°36	24°43	14°R 7	12°43	13°10	24°49	M22
T23	14 5 55	3°14'49	25°13	7°24	11°58	8°17	29°M56	5° 4	19°35	0°35	24°44	14° 7	12°40	13°17	24°51	T 23
W24	14 9 51	4°13'08	7°40	6°48	12°24	9° 1	29°50	5°11	19°35	0°33	24°45	14° 4	12°37	13°23	24°54	W24
T 25	14 13 48	5°11'25	20°25	6° 9	12°49	9°44	29°44	5°19	19°35	0°32	24°45	13°59	12°33	13°30	24°57	T 25
F 26	14 17 44	6° 9'41	3°M27	5°30	13°12	10°28	29°37	5°27	19°D35	0°30	24°46	13°52	12°30	13°37	25° 0	F 26
S 27	14 21 41	7° 7'55	16°48	4°51	13°33	11°12	29°31	5°34	19°35	0°28	24°47	13°44	12°27	13°43	25° 3	S 27
S 28	14 25 37	8° 6'07	0°X24	4°12	13°53	11°56	29°24	5°42	19°35	0°27	24°48	13°35	12°24	13°50	25° 6	S 28
M29	14 29 34	9° 4'18	14°13	3°34	14°10	12°39	29°18	5°50	19°35	0°25	24°48	13°26	12°21	13°57	25° 9	M29
T 30	14 33 30	10°8 2'17	28°X12	2°858	14°II26	13°823	29°M11	5°857	19°035	0°M23	24°49	13°19	12°18	14°03	25°013	T 30

ASTRODIENST EPHEMERIS for the year 1793

geocentric

MAY 1793

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	14 37 27	11°03'4	12°16'	2°R25	14°II39	14°8 7	29°R 4	6°8 5	19°Ω35	0°R22	24°≈50	13°R13	12°14	14°Ω10	25°≈16	W 1
T 2	14 41 24	11°58'40	26°24	1°54	14°50	14°50	28°M57	6°13	19°36	0°M20	24°50	13°10	12°11	14°17	25°20	T 2
F 3	14 45 20	12°56'45	10°≈33	1°27	14°59	15°34	28°50	6°20	19°36	0°19	24°51	13°D 9	12° 8	14°23	25°23	F 3
S 4	14 49 17	13°54'48	24°41	1° 4	15° 6	16°17	28°43	6°28	19°36	0°17	24°51	13° 9	12° 5	14°30	25°27	S 4
S 5	14 53 13	14°52'50	8°H48	0°44	15°11	17° 0	28°36	6°36	19°37	0°15	24°52	13°R10	12° 2	14°37	25°31	S 5
M 6	14 57 10	15°50'51	22°51	0°29	15°14	17°44	28°29	6°43	19°37	0°14	24°52	13°10	11°59	14°43	25°34	M 6
T 7	15 1 6	16°48'50	6°V50	0°18	15°R14	18°27	28°21	6°51	19°38	0°12	24°53	13° 7	11°55	14°50	25°38	T 7
W 8	15 5 3	17°46'48	20°42	0°12	15°11	19°10	28°14	6°59	19°38	0°11	24°53	13° 3	11°52	14°57	25°42	W 8
T 9	15 8 59	18°44'44	4°B25	0°D11	15° 7	19°53	28° 7	7° 6	19°39	0° 9	24°54	12°55	11°49	15° 3	25°46	T 9
F 10	15 12 56	19°42'39	17°56	0°14	15° 0	20°37	27°59	7°14	19°40	0° 8	24°54	12°46	11°46	15°10	25°51	F 10
S 11	15 16 52	20°40'33	1°II11	0°22	14°50	21°20	27°52	7°21	19°41	0° 6	24°54	12°34	11°43	15°16	25°55	S 11
S 12	15 20 49	21°38'25	14°10	0°34	14°38	22° 3	27°44	7°29	19°41	0° 5	24°55	12°23	11°39	15°23	25°59	S 12
M13	15 24 46	22°36'15	26°51	0°51	14°24	22°46	27°37	7°36	19°42	0° 3	24°55	12°12	11°36	15°30	26° 4	M13
T 14	15 28 42	23°34'04	9°≈15	1°12	14° 7	23°29	27°29	7°44	19°43	0° 2	24°55	12° 3	11°33	15°36	26° 8	T 14
W15	15 32 39	24°31'51	21°24	1°38	13°48	24°11	27°21	7°51	19°44	0° 0	24°56	11°56	11°30	15°43	26°13	W15
T 16	15 36 35	25°29'37	3°Ω23	2° 8	13°27	24°54	27°14	7°59	19°45	29°≈59	24°56	11°51	11°27	15°50	26°17	T 16
F 17	15 40 32	26°27'21	15°14	2°42	13° 3	25°37	27° 6	8° 6	19°46	29°57	24°56	11°49	11°24	15°56	26°22	F 17
S 18	15 44 28	27°25'03	27° 2	3°20	12°38	26°20	26°58	8°14	19°47	29°56	24°56	11°D49	11°20	16° 3	26°27	S 18
S 19	15 48 25	28°22'44	8°15	4° 1	12°10	27° 2	26°51	8°21	19°48	29°55	24°57	11°R49	11°17	16°10	26°32	S 19
M20	15 52 21	29°20'23	20°55	4°47	11°40	27°45	26°43	8°29	19°50	29°53	24°57	11°49	11°14	16°16	26°37	M20
T 21	15 56 18	0°II18'01	3°≈10	5°35	11° 9	28°28	26°36	8°36	19°51	29°52	24°57	11°47	11°11	16°23	26°41	T 21
W22	16 0 15	1°15'37	15°42	6°28	10°36	29°10	26°28	8°43	19°52	29°50	24°57	11°43	11° 8	16°30	26°47	W22
T 23	16 4 11	2°13'12	28°37	7°24	10° 2	29°52	26°20	8°51	19°54	29°49	24°57	11°37	11° 5	16°36	26°52	T 23
F 24	16 8 8	3°10'45	11°M54	8°23	9°26	0°II35	26°13	8°58	19°55	29°48	24°57	11°28	11° 1	16°43	26°57	F 24
S 25	16 12 4	4° 8'17	25°34	9°25	8°50	1°17	26° 5	9° 5	19°56	29°47	24°R57	11°17	10°58	16°50	27° 2	S 25
S 26	16 16 1	5° 5'48	9°≈34	10°31	8°13	1°59	25°58	9°12	19°58	29°45	24°57	11° 6	10°55	16°56	27° 7	S 26
M27	16 19 57	6° 3'18	23°50	11°39	7°35	2°42	25°50	9°19	20° 0	29°44	24°57	10°54	10°52	17° 3	27°13	M27
T 28	16 23 54	7° 0'47	8°≈15	12°51	6°58	3°24	25°43	9°27	20° 1	29°43	24°57	10°44	10°49	17°10	27°18	T 28
W29	16 27 50	7°58'15	22°43	14° 5	6°20	4° 6	25°36	9°34	20° 3	29°42	24°57	10°37	10°45	17°16	27°24	W29
T 30	16 31 47	8°55'43	7°≈9	15°23	5°42	4°48	25°28	9°41	20° 5	29°40	24°57	10°32	10°42	17°23	27°29	T 30
F 31	16 35 44	9°II53'09	21°≈29	16°B43	5°II 6	5°II30	25°M21	9°B48	20°Ω 6	29°≈39	24°≈57	10°10	10°39	17°Ω30	27°≈35	F 31

Delta T = 20.93 sec

Greg. Calendar

JUNE 1793

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	16 39 40	10°II50'35	5°H40	18°8 6	4°R29	6°II12	25°R14	9°B55	20°Ω 8	29°R38	24°R57	10°R30	10°10	17°Ω36	27°≈41	S 1
S 2	16 43 37	11°48'00	19°40	19°32	3°II54	6°54	25°M 7	10° 2	20°10	29°≈37	24°≈56	10°10	10°33	17°43	27°46	S 2
M 3	16 47 33	12°45'25	3°V31	21° 0	3°20	7°36	25° 0	10° 9	20°12	29°36	24°56	10°29	10°30	17°50	27°52	M 3
T 4	16 51 30	13°42'49	17°11	22°32	2°47	8°18	24°53	10°16	20°14	29°35	24°56	10°26	10°26	17°56	27°58	T 4
W 5	16 55 26	14°40'12	0°B41	24° 6	2°16	9° 0	24°46	10°22	20°16	29°34	24°56	10°20	10°23	18° 3	28° 4	W 5
T 6	16 59 23	15°37'35	14° 0	25°42	1°47	9°41	24°39	10°29	20°18	29°33	24°55	10°12	10°20	18°10	28°10	T 6
F 7	17 3 19	16°34'57	27° 7	27°22	1°20	10°23	24°33	10°36	20°20	29°32	24°55	10° 1	10°17	18°16	28°16	F 7
S 8	17 7 16	17°32'18	10°II 3	29° 4	0°54	11° 5	24°26	10°43	20°22	29°31	24°55	9°49	10°14	18°23	28°22	S 8
S 9	17 11 13	18°29'39	22°44	0°II48	0°31	11°46	24°20	10°49	20°24	29°30	24°54	9°36	10°10	18°30	28°28	S 9
M10	17 15 9	19°27'00	5°≈13	2°36	0° 9	12°28	24°13	10°56	20°26	29°29	24°54	9°24	10° 7	18°36	28°34	M10
T 11	17 19 6	20°24'19	17°28	4°26	29°B51	13°10	24° 7	11° 2	20°29	29°28	24°54	9°13	10° 4	18°43	28°40	T 11
W12	17 23 2	21°21'38	29°32	6°18	29°34	13°51	24° 1	11° 9	20°31	29°27	24°53	9° 5	10° 1	18°50	28°47	W12
T 13	17 26 59	22°18'55	11°Ω27	8°13	29°20	14°32	23°55	11°15	20°33	29°26	24°53	8°59	9°58	18°56	28°53	T 13
F 14	17 30 55	23°16'13	23°15	10°10	29° 8	15°14	23°49	11°22	20°36	29°25	24°52	8°57	9°55	19° 3	28°59	F 14
S 15	17 34 52	24°13'29	5°10	12°10	28°58	15°55	23°43	11°28	20°38	29°25	24°52	8°D56	9°51	19°10	29° 6	S 15
S 16	17 38 49	25°10'44	16°54	14°11	28°51	16°36	23°38	11°35	20°41	29°24	24°51	8°56	9°48	19°16	29°12	S 16
M17	17 42 45	26° 7'59	28°54	16°15	28°46	17°18	23°32	11°41	20°43	29°23	24°51	8°R56	9°45	19°23	29°19	M17
T 18	17 46 42	27° 5'13	11°≈8	18°21	28°44	17°59	23°27	11°47	20°46	29°22	24°50	8°55	9°42	19°29	29°25	T 18
W19	17 50 38	28° 2'26	23°42	20°28	28°D44	18°40	23°22	11°53	20°48	29°22	24°50	8°52	9°39	19°36	29°32	W19
T 20	17 54 35	28°59'39	6°M39	22°36	28°46	19°21	23°17	11°59	20°51	29°21	24°49	8°47	9°36	19°43	29°38	T 20
F 21	17 58 31	29°56'51	20° 2	24°45	28°50	20° 2	23°12	12° 5	20°53	29°20	24°48	8°40	9°32	19°49	29°45	F 21
S 22	18 2 28	0°≈54'03	3°≈53	26°56	28°57	20°43	23° 7	12°11	20°56	29°20	24°48	8°31	9°29	19°56	29°52	S 22
S 23	18 6 24	1°51'14	18° 8	29° 7	29° 6	21°24	23° 2	12°17	20°59	29°19	24°47	8°21	9°26	20° 3	29°58	S 23
M24	18 10 21	2°48'25	2°≈43	1°≈18	29°17	22° 5	22°58	12°23	21° 2	29°19	24°46	8°11	9°23	20° 9	0°Ω 5	M24
T 25	18 14 18	3°45'36	17°30	3°29	29°30	22°46	22°54	12°29	21° 4	29°18	24°46	8° 3	9°20	20°16	0°12	T 25
W26	18 18 14	4°42'47	2°≈22	5°40	29°45	23°27	22°50	12°34	21° 7	29°18	24°45	7°56	9°16	20°23	0°19	W26
T 27	18 22 11	5°39'58	17°11	7°50	0°II 2	24° 7	22°46	12°40	21°10	29°17	24°44	7°53	9°13	20°29	0°26	T 27
F 28	18 26 7	6°37'08	1°H49	9°59	0°21	24°48	22°42	12°46	21°13	29°17	24°43	7°D51	9°10	20°36	0°33	F 28
S 29	18 30 4	7°34'19	16°13	12° 8	0°41	25°29	22°38	12°51	21°16	29°17	24°43	7°51	9° 7	20°43	0°39	S 29
S 30	18 34 0	8°≈31'30	0°V19	14°≈15	1°II 4	26°II 9	22°M35	12°B57	21°Ω19	29°≈16	24°≈42	7°10	9°10	20°49	0°Ω46	S 30

Delta T = 20.90 sec

Greg. Calendar

ASTRODIENST EPHEMERIS for the year 1793

geocentric

JULY 1793

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	18 37 57	9°28'41"	14°8'	16°21'	1°28'	26°50'	22°R31	13°8'2"	21°22'	29°R16	24°R41	7°R52	9°1'	20°56'	0°53'	M 1
T 2	18 41 53	10°25'53"	27°39'	18°26'	1°54'	27°30'	22°M28	13°7'	21°25'	29°16'	24°44'	7°15'	8°57'	21°3'	1°0'	T 2
W 3	18 45 50	11°23'05"	10°56'	20°29'	2°21'	28°11'	22°25'	13°13'	21°28'	29°15'	24°39'	7°47'	8°54'	21°9'	1°7'	W 3
T 4	18 49 47	12°20'17"	23°57'	22°30'	2°50'	28°51'	22°22'	13°18'	21°31'	29°15'	24°38'	7°41'	8°51'	21°16'	1°15'	T 4
F 5	18 53 43	13°17'30"	6°46'	24°30'	3°20'	29°32'	22°20'	13°23'	21°34'	29°15'	24°38'	7°33'	8°48'	21°23'	1°22'	F 5
S 6	18 57 40	14°14'43"	19°22'	26°27'	3°52'	0°12'	22°17'	13°28'	21°37'	29°15'	24°37'	7°24'	8°45'	21°29'	1°29'	S 6
S 7	19 1 36	15°11'56"	1°46'	28°23'	4°25'	0°52'	22°15'	13°33'	21°40'	29°15'	24°36'	7°15'	8°42'	21°36'	1°36'	S 7
M 8	19 5 33	16°9'10"	14°0'	0°17'	4°59'	1°33'	22°13'	13°38'	21°44'	29°15'	24°35'	7°6'	8°38'	21°43'	1°43'	M 8
T 9	19 9 29	17°6'23"	26°5'	2°10'	5°35'	2°13'	22°11'	13°43'	21°47'	29°15'	24°34'	6°58'	8°35'	21°49'	1°50'	T 9
W10	19 13 26	18°3'37"	8°1'	4°0'	6°12'	2°53'	22°9'	13°47'	21°50'	29°14'	24°33'	6°52'	8°32'	21°56'	1°57'	W10
T 11	19 17 22	19°0'51"	19°51'	5°48'	6°50'	3°33'	22°8'	13°52'	21°53'	29°D14	24°32'	6°48'	8°29'	22°2'	2°5'	T 11
F 12	19 21 19	19°58'06"	1°38'	7°35'	7°29'	4°13'	22°6'	13°57'	21°57'	29°15'	24°31'	6°D47	8°26'	22°9'	2°12'	F 12
S 13	19 25 16	20°55'20"	13°25'	9°19'	8°9'	4°54'	22°5'	14°1'	22°0'	29°15'	24°30'	6°47'	8°22'	22°16'	2°19'	S 13
S 14	19 29 12	21°52'35"	25°16'	11°2'	8°50'	5°34'	22°4'	14°6'	22°3'	29°15'	24°29'	6°48'	8°19'	22°22'	2°26'	S 14
M15	19 33 9	22°49'50"	7°15'	12°43'	9°32'	6°13'	22°3'	14°10'	22°7'	29°15'	24°28'	6°49'	8°16'	22°29'	2°34'	M15
T 16	19 37 5	23°47'05"	19°28'	14°21'	10°15'	6°53'	22°3'	14°14'	22°10'	29°15'	24°26'	6°R50	8°13'	22°36'	2°41'	T 16
W17	19 41 2	24°44'20"	2°0'	15°58'	10°59'	7°33'	22°2'	14°18'	22°13'	29°15'	24°25'	6°50'	8°10'	22°42'	2°48'	W17
T 18	19 44 58	25°41'35"	14°55'	17°34'	11°44'	8°13'	22°2'	14°22'	22°17'	29°15'	24°24'	6°48'	8°7'	22°49'	2°56'	T 18
F 19	19 48 55	26°38'51"	28°16'	19°7'	12°30'	8°53'	22°D2	14°26'	22°20'	29°16'	24°23'	6°45'	8°3'	22°56'	3°3'	F 19
S 20	19 52 51	27°36'07"	12°7'	20°38'	13°17'	9°33'	22°2'	14°30'	22°24'	29°16'	24°22'	6°40'	8°0'	23°2'	3°10'	S 20
S 21	19 56 48	28°33'24"	26°24'	22°7'	14°4'	10°12'	22°2'	14°34'	22°27'	29°16'	24°21'	6°35'	7°57'	23°9'	3°18'	S 21
M22	20 0 45	29°30'41"	11°5'	23°35'	14°52'	10°52'	22°3'	14°38'	22°31'	29°17'	24°20'	6°29'	7°54'	23°16'	3°25'	M22
T 23	20 4 41	0°27'59"	26°4'	25°0'	15°41'	11°32'	22°3'	14°42'	22°34'	29°17'	24°19'	6°25'	7°51'	23°22'	3°32'	T 23
W24	20 8 38	1°25'17"	11°12'	26°24'	16°31'	12°11'	22°4'	14°45'	22°38'	29°17'	24°17'	6°21'	7°48'	23°29'	3°40'	W24
T 25	20 12 34	2°22'36"	26°18'	27°45'	17°21'	12°51'	22°5'	14°49'	22°41'	29°18'	24°16'	6°19'	7°44'	23°36'	3°47'	T 25
F 26	20 16 31	3°19'56"	11°15'	29°5'	18°12'	13°30'	22°6'	14°52'	22°45'	29°18'	24°15'	6°D19	7°41'	23°42'	3°55'	F 26
S 27	20 20 27	4°17'17"	25°56'	0°22'	19°3'	14°10'	22°8'	14°55'	22°48'	29°19'	24°14'	6°20'	7°38'	23°49'	4°2'	S 27
S 28	20 24 24	5°14'39"	10°16'	1°37'	19°56'	14°49'	22°9'	14°59'	22°52'	29°19'	24°13'	6°21'	7°35'	23°56'	4°9'	S 28
M29	20 28 20	6°12'02"	24°12'	2°50'	20°49'	15°29'	22°11'	15°2'	22°56'	29°20'	24°11'	6°23'	7°32'	24°2'	4°17'	M29
T 30	20 32 17	7°9'26"	7°45'	4°1'	21°42'	16°8'	22°13'	15°5'	22°59'	29°21'	24°10'	6°R23	7°28'	24°9'	4°24'	T 30
W31	20 36 14	8°8'52"	20°57'	5°19'	22°36'	16°47'	22°M15	15°8'	23°3'	29°21'	24°9'	6°M23	7°19'	24°15'	4°32'	W31

Delta T = 20.88 sec

Greg. Calendar

AUGUST 1793

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	20 40 10	9°41'19"	3°15'	6°15'	23°31'	17°27'	22°M17	15°10'	23°7'	29°22'	24°R8	6°R21	7°19'	24°22'	4°23'	T 1
F 2	20 44 7	10°1'47"	16°27'	7°18'	24°26'	18°6'	22°19'	15°13'	23°10'	29°23'	24°6'	6°M18	7°19'	24°29'	4°46'	F 2
S 3	20 48 3	10°59'16"	28°49'	8°19'	25°21'	18°45'	22°22'	15°16'	23°14'	29°23'	24°5'	6°14'	7°16'	24°35'	4°54'	S 3
S 4	20 52 0	11°56'47"	11°0'	9°17'	26°17'	19°24'	22°25'	15°18'	23°18'	29°24'	24°4'	6°10'	7°13'	24°42'	5°1'	S 4
M 5	20 55 56	12°54'19"	23°2'	10°12'	27°14'	20°3'	22°28'	15°21'	23°21'	29°25'	24°3'	6°6'	7°9'	24°49'	5°8'	M 5
T 6	20 59 53	13°51'51"	4°57'	11°4'	28°11'	20°42'	22°31'	15°23'	23°25'	29°26'	24°1'	6°3'	7°6'	24°55'	5°16'	T 6
W 7	21 3 49	14°49'25"	16°47'	11°53'	29°8'	21°21'	22°34'	15°25'	23°29'	29°27'	24°0'	6°1'	7°3'	25°2'	5°23'	W 7
T 8	21 7 46	15°47'00"	28°35'	12°38'	0°6'	22°0'	22°38'	15°27'	23°32'	29°27'	23°59'	5°59'	7°0'	25°9'	5°31'	T 8
F 9	21 11 43	16°44'37"	10°22'	13°20'	1°5'	22°39'	22°41'	15°29'	23°36'	29°28'	23°57'	5°D59	6°57'	25°15'	5°38'	F 9
S 10	21 15 39	17°42'14"	22°10'	13°59'	2°3'	23°18'	22°45'	15°31'	23°40'	29°29'	23°56'	6°0'	6°54'	25°22'	5°45'	S 10
S 11	21 19 36	18°39'52"	4°4'	14°33'	3°2'	23°57'	22°49'	15°33'	23°44'	29°30'	23°55'	6°1'	6°50'	25°29'	5°53'	S 11
M12	21 23 32	19°37'32"	16°7'	15°3'	4°2'	24°36'	22°53'	15°35'	23°47'	29°31'	23°53'	6°3'	6°47'	25°35'	6°0'	M12
T 13	21 27 29	20°35'12"	28°22'	15°29'	5°2'	25°15'	22°57'	15°36'	23°51'	29°32'	23°52'	6°4'	6°44'	25°42'	6°7'	T 13
W14	21 31 25	21°32'54"	10°53'	15°51'	6°2'	25°54'	23°2'	15°38'	23°55'	29°33'	23°51'	6°5'	6°41'	25°49'	6°14'	W14
T 15	21 35 22	22°30'36"	23°45'	16°7'	7°2'	26°32'	23°7'	15°39'	23°59'	29°34'	23°50'	6°R5	6°38'	25°55'	6°22'	T 15
F 16	21 39 18	23°28'20"	7°1'	16°19'	8°3'	27°11'	23°11'	15°41'	24°2'	29°36'	23°48'	6°5'	6°34'	26°2'	6°29'	F 16
S 17	21 43 15	24°26'05"	20°43'	16°25'	9°4'	27°50'	23°16'	15°42'	24°6'	29°37'	23°47'	6°4'	6°31'	26°8'	6°36'	S 17
S 18	21 47 12	25°23'51"	4°52'	16°R26	10°6'	28°28'	23°21'	15°43'	24°10'	29°38'	23°46'	6°3'	6°28'	26°15'	6°43'	S 18
M19	21 51 8	26°21'38"	19°26'	16°21'	11°8'	29°7'	23°27'	15°44'	24°14'	29°39'	23°44'	6°1'	6°25'	26°22'	6°51'	M19
T 20	21 55 5	27°19'27"	4°21'	16°10'	12°10'	29°45'	23°32'	15°45'	24°17'	29°40'	23°43'	6°0'	6°22'	26°28'	6°58'	T 20
W21	21 59 1	28°17'16"	19°30'	15°54'	13°12'	0°24'	23°38'	15°46'	24°21'	29°42'	23°42'	6°0'	6°19'	26°35'	7°5'	W21
T 22	22 2 58	29°15'07"	4°43'	15°31'	14°15'	1°2'	23°43'	15°46'	24°25'	29°43'	23°40'	6°D0	6°15'	26°42'	7°12'	T 22
F 23	22 6 54	0°13'00"	19°50'	15°3'	15°18'	1°41'	23°49'	15°47'	24°29'	29°44'	23°39'	6°0'	6°12'	26°48'	7°19'	F 23
S 24	22 10 51	1°10'54"	4°44'	14°29'	16°21'	2°19'	23°55'	15°47'	24°32'	29°46'	23°38'	6°0'	6°9'	26°55'	7°26'	S 24
S 25	22 14 47	2°8'50"	19°18'	13°49'	17°25'	2°58'	24°1'	15°48'	24°36'	29°47'	23°36'	6°0'	6°6'	27°2'	7°33'	S 25
M26	22 18 44	3°6'48"	3°26'	13°5'	18°29'	3°36'	24°8'	15°48'	24°40'	29°48'	23°35'	6°1'	6°3'	27°8'	7°40'	M26
T 27	22 22 40	4°4'48"	17°8'	12°16'	19°33'	4°14'	24°14'	15°48'	24°43'	29°50'	23°34'	6°1'	5°59'	27°15'	7°47'	T 27
W28	22 26 37	5°2'50"	0°23'	11°24'	20°37'	4°52'	24°21'	15°R48	24°47'	29°51'	23°33'	6°1'	5°56'	27°22'	7°54'	W28
T 29	22 30 34	6°0'53"	13°15'	10°28'	21°42'	5°31'	24°27'	15°48'	24°51'	29°53'	23°31'	6°1'	5°53'	27°28'	8°1'	T 29
F 30	22 34 30	6°58'59"	25°47'	9°31'	22°47'	6°9'	24°34'	15°48'	24°55'	29°54'	23°30'	6°1'	5°50'	27°35'	8°8'	F 30
S 31	22 38 27	7°57'07"	8°3'	8°19'	23°52'	6°24'	24°M41	15°48'	24°58'	29°56'	23°29'	6°M1	5°47'	27°42'	8°15'	S 31

Delta T = 20.86 sec

Greg. Calendar

ASTRODIENST EPHEMERIS for the year 1793

geocentric

SEPTEMBER 1793

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	22 42 23	8 ^h 55'16"	20 ^h 06'	7 ^h R36	24 ^h 57'	7 ^h 02'25"	24 ^h 14'49"	15 ^h R47	25 ^h 02'	29 ^h 57'	23 ^h R28	6 ^h 12'	5 ^h 14'44"	27 ^h 04'48"	8 ^h 02'22"	S 1
M 2	22 46 20	9 ^h 53'28"	2 ^h 01'	6 ^h 14'41"	26 ^h 03'	8 ^h 03'	24 ^h 56'	15 ^h 04'47"	25 ^h 06'	29 ^h 59'	23 ^h 26'	6 ^h 02'	5 ^h 40'	27 ^h 55'	8 ^h 28'	M 2
T 3	22 50 16	10 ^h 51'41"	13 ^h 50'	5 ^h 49'	27 ^h 09'	8 ^h 41'	25 ^h 03'	15 ^h 46'	25 ^h 09'	0 ^h 00'	23 ^h 25'	6 ^h 02'	5 ^h 37'	28 ^h 01'	8 ^h 35'	T 3
W 4	22 54 13	11 ^h 49'56"	25 ^h 37'	5 ^h 01'	28 ^h 15'	9 ^h 19'	25 ^h 11'	15 ^h 45'	25 ^h 13'	0 ^h 02'	23 ^h 24'	6 ^h 03'	5 ^h 34'	28 ^h 08'	8 ^h 42'	W 4
T 5	22 58 09	12 ^h 48'13"	7 ^h 12'25"	4 ^h 19'	29 ^h 21'	9 ^h 57'	25 ^h 19'	15 ^h 45'	25 ^h 17'	0 ^h 04'	23 ^h 23'	6 ^h R 3	5 ^h 31'	28 ^h 15'	8 ^h 48'	T 5
F 6	23 02 06	13 ^h 46'32"	19 ^h 15'	3 ^h 44'	0 ^h 02'27"	10 ^h 35'	25 ^h 26'	15 ^h 44'	25 ^h 20'	0 ^h 05'	23 ^h 21'	6 ^h 03'	5 ^h 28'	28 ^h 21'	8 ^h 55'	F 6
S 7	23 06 03	14 ^h 44'53"	1 ^h 10'	3 ^h 15'	1 ^h 34'	11 ^h 13'	25 ^h 34'	15 ^h 43'	25 ^h 24'	0 ^h 07'	23 ^h 20'	6 ^h 02'	5 ^h 25'	28 ^h 28'	9 ^h 02'	S 7
S 8	23 09 59	15 ^h 43'15"	13 ^h 13'	2 ^h 55'	2 ^h 41'	11 ^h 51'	25 ^h 42'	15 ^h 41'	25 ^h 27'	0 ^h 09'	23 ^h 19'	6 ^h 01'	5 ^h 21'	28 ^h 35'	9 ^h 08'	S 8
M 9	23 13 56	16 ^h 41'39"	25 ^h 24'	2 ^h 44'	3 ^h 48'	12 ^h 28'	25 ^h 51'	15 ^h 40'	25 ^h 31'	0 ^h 10'	23 ^h 18'	5 ^h 59'	5 ^h 18'	28 ^h 41'	9 ^h 15'	M 9
T 10	23 17 52	17 ^h 40'05"	7 ^h 14'48"	2 ^h D42	4 ^h 55'	13 ^h 06'	25 ^h 59'	15 ^h 39'	25 ^h 34'	0 ^h 12'	23 ^h 17'	5 ^h 58'	5 ^h 15'	28 ^h 48'	9 ^h 21'	T 10
W 11	23 21 49	18 ^h 38'32"	20 ^h 25'	2 ^h 49'	6 ^h 02'	13 ^h 44'	26 ^h 07'	15 ^h 37'	25 ^h 38'	0 ^h 14'	23 ^h 15'	5 ^h 56'	5 ^h 12'	28 ^h 55'	9 ^h 28'	W 11
T 12	23 25 45	19 ^h 37'02"	3 ^h 21'19"	3 ^h 05'	7 ^h 10'	14 ^h 22'	26 ^h 16'	15 ^h 36'	25 ^h 41'	0 ^h 16'	23 ^h 14'	5 ^h 55'	5 ^h 09'	29 ^h 01'	9 ^h 34'	T 12
F 13	23 29 42	20 ^h 35'32"	16 ^h 32'	3 ^h 31'	8 ^h 18'	14 ^h 59'	26 ^h 25'	15 ^h 34'	25 ^h 45'	0 ^h 18'	23 ^h 13'	5 ^h D55	5 ^h 05'	29 ^h 08'	9 ^h 40'	F 13
S 14	23 33 38	21 ^h 34'05"	0 ^h 03'	4 ^h 06'	9 ^h 25'	15 ^h 37'	26 ^h 34'	15 ^h 32'	25 ^h 48'	0 ^h 19'	23 ^h 12'	5 ^h 55'	5 ^h 02'	29 ^h 15'	9 ^h 47'	S 14
S 15	23 37 35	22 ^h 32'39"	14 ^h 02'	4 ^h 49'	10 ^h 33'	16 ^h 14'	26 ^h 42'	15 ^h 31'	25 ^h 52'	0 ^h 21'	23 ^h 11'	5 ^h 56'	4 ^h 59'	29 ^h 21'	9 ^h 53'	S 15
M 16	23 41 32	23 ^h 31'15"	28 ^h 21'	5 ^h 41'	11 ^h 42'	16 ^h 52'	26 ^h 52'	15 ^h 29'	25 ^h 55'	0 ^h 23'	23 ^h 10'	5 ^h 57'	4 ^h 56'	29 ^h 28'	9 ^h 59'	M 16
T 17	23 45 28	24 ^h 29'52"	12 ^h 25'59"	6 ^h 40'	12 ^h 50'	17 ^h 29'	27 ^h 01'	15 ^h 26'	25 ^h 59'	0 ^h 25'	23 ^h 09'	5 ^h 58'	4 ^h 53'	29 ^h 34'	10 ^h 05'	T 17
W 18	23 49 25	25 ^h 28'31"	27 ^h 53'	7 ^h 46'	13 ^h 59'	18 ^h 07'	27 ^h 10'	15 ^h 24'	26 ^h 02'	0 ^h 27'	23 ^h 08'	5 ^h 59'	4 ^h 50'	29 ^h 41'	10 ^h 11'	W 18
T 19	23 53 21	26 ^h 27'12"	12 ^h 25'56"	8 ^h 59'	15 ^h 07'	18 ^h 44'	27 ^h 19'	15 ^h 22'	26 ^h 06'	0 ^h 29'	23 ^h 07'	5 ^h R59	4 ^h 46'	29 ^h 48'	10 ^h 17'	T 19
F 20	23 57 18	27 ^h 25'55"	28 ^h 00'	10 ^h 18'	16 ^h 16'	19 ^h 21'	27 ^h 29'	15 ^h 20'	26 ^h 09'	0 ^h 31'	23 ^h 06'	5 ^h 58'	4 ^h 43'	29 ^h 54'	10 ^h 23'	F 20
S 21	0 01 14	28 ^h 24'40"	12 ^h 25'56"	11 ^h 42'	17 ^h 25'	19 ^h 59'	27 ^h 38'	15 ^h 17'	26 ^h 12'	0 ^h 33'	23 ^h 04'	5 ^h 56'	4 ^h 40'	0 ^h 11'	10 ^h 29'	S 21
S 22	0 05 11	29 ^h 23'27"	27 ^h 35'	13 ^h 10'	18 ^h 34'	20 ^h 36'	27 ^h 48'	15 ^h 15'	26 ^h 15'	0 ^h 35'	23 ^h 03'	5 ^h 53'	4 ^h 37'	0 ^h 08'	10 ^h 35'	S 22
M 23	0 09 07	0 ^h 22'16"	11 ^h 05'51"	14 ^h 43'	19 ^h 44'	21 ^h 13'	27 ^h 58'	15 ^h 12'	26 ^h 19'	0 ^h 37'	23 ^h 02'	5 ^h 49'	4 ^h 34'	0 ^h 14'	10 ^h 41'	M 23
T 24	0 13 04	1 ^h 21'07"	25 ^h 41'	16 ^h 19'	20 ^h 53'	21 ^h 50'	28 ^h 08'	15 ^h 09'	26 ^h 22'	0 ^h 39'	23 ^h 02'	5 ^h 46'	4 ^h 31'	0 ^h 21'	10 ^h 46'	T 24
W 25	0 17 00	2 ^h 20'00"	9 ^h 11'03"	17 ^h 58'	22 ^h 03'	22 ^h 28'	28 ^h 18'	15 ^h 07'	26 ^h 25'	0 ^h 41'	23 ^h 01'	5 ^h 43'	4 ^h 27'	0 ^h 28'	10 ^h 52'	W 25
T 26	0 20 57	3 ^h 18'56"	22 ^h 00'	19 ^h 39'	23 ^h 13'	23 ^h 05'	28 ^h 28'	15 ^h 04'	26 ^h 28'	0 ^h 43'	23 ^h 00'	5 ^h 41'	4 ^h 24'	0 ^h 34'	10 ^h 58'	T 26
F 27	0 24 54	4 ^h 17'55"	4 ^h 03'33"	21 ^h 21'	24 ^h 23'	23 ^h 42'	28 ^h 38'	15 ^h 01'	26 ^h 32'	0 ^h 45'	22 ^h 59'	5 ^h D41	4 ^h 21'	0 ^h 41'	11 ^h 03'	F 27
S 28	0 28 50	5 ^h 16'55"	16 ^h 48'	23 ^h 06'	25 ^h 33'	24 ^h 19'	28 ^h 49'	14 ^h 58'	26 ^h 35'	0 ^h 47'	22 ^h 58'	5 ^h 41'	4 ^h 18'	0 ^h 48'	11 ^h 09'	S 28
S 29	0 32 47	6 ^h 15'58"	28 ^h 48'	24 ^h 51'	26 ^h 43'	24 ^h 56'	28 ^h 59'	14 ^h 54'	26 ^h 38'	0 ^h 49'	22 ^h 57'	5 ^h 43'	4 ^h 15'	0 ^h 54'	11 ^h 14'	S 29
M 30	0 36 43	7 ^h 15'03"	10 ^h 04'40"	26 ^h 13'37"	27 ^h 05'53"	25 ^h 03'33"	29 ^h 14'09"	14 ^h 05'51"	26 ^h 04'41"	0 ^h 51'	22 ^h 55'56"	5 ^h 14'44"	4 ^h 11'	1 ^h 01'	11 ^h 02'20"	M 30

Delta T = 20.84 sec

Greg. Calendar

OCTOBER 1793

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	0 40 40	8♂14'10	22♂27	28♂24	29♂4	26♂10	29♂20	14°R48	26♂44	0♂53	22°R55	5♂46	4♂8	1♂8	11♂25	T 1
W 2	0 44 36	9°13'20	4♂14	0♂11	0♂14	26°47	29°31	14♂44	26°47	0°55	22♂54	5°R47	4°5	1°14	11°30	W 2
T 3	0 48 33	10°12'32	16°4	1°58	1°25	27°24	29°41	14°41	26°50	0°57	22°54	5°46	4°2	1°21	11°35	T 3
F 4	0 52 29	11°11'46	28°1	3°45	2°36	28°0	29°52	14°37	26°53	0°59	22°53	5°44	3°59	1°27	11°40	F 4
S 5	0 56 26	12°11'02	10♂7	5°32	3°47	28°37	0♂3	14°34	26°56	1°2	22°52	5°40	3°56	1°34	11°45	S 5
S 6	1 0 23	13°10'20	22°22	7°18	4°58	29°14	0°14	14°30	26°59	1°4	22°51	5°34	3°52	1°41	11°50	S 6
M 7	1 4 19	14°9'40	4♂50	9°4	6°9	29°50	0°25	14°26	27°2	1°6	22°50	5°28	3°49	1°47	11°55	M 7
T 8	1 8 16	15°9'02	17°29	10°49	7°20	0♂27	0°37	14°22	27°4	1°8	22°50	5°21	3°46	1°54	12°0	T 8
W 9	1 12 12	16°8'26	0♂21	12°34	8°32	1°4	0°48	14°18	27°7	1°10	22°49	5°14	3°43	2°1	12°5	W 9
T 10	1 16 9	17°7'52	13°26	14°19	9°43	1°40	0°59	14°14	27°10	1°12	22°48	5°8	3°40	2°7	12°9	T 10
F 11	1 20 5	18°7'20	26°45	16°2	10°55	2°17	1°11	14°10	27°13	1°15	22°48	5°4	3°36	2°14	12°14	F 11
S 12	1 24 2	19°6'49	10♂18	17°46	12°6	2°53	1°22	14°6	27°15	1°17	22°47	5°2	3°33	2°21	12°18	S 12
S 13	1 27 58	20°6'21	24°7	19°28	13°18	3°30	1°34	14°2	27°18	1°19	22°47	5°D 2	3°30	2°27	12°23	S 13
M 14	1 31 55	21°5'54	8♂11	21°10	14°30	4°6	1°45	13°58	27°20	1°21	22°46	5°3	3°27	2°34	12°27	M 14
T 15	1 35 52	22°5'28	22°29	22°51	15°42	4°42	1°57	13°53	27°23	1°23	22°45	5°4	3°24	2°41	12°31	T 15
W 16	1 39 48	23°5'05	7♂1	24°32	16°54	5°18	2°9	13°49	27°25	1°26	22°45	5°R 4	3°21	2°47	12°35	W 16
T 17	1 43 45	24°4'43	21°42	26°11	18°6	5°55	2°21	13°45	27°28	1°28	22°44	5°3	3°17	2°54	12°39	T 17
F 18	1 47 41	25°4'23	6♂26	27°51	19°18	6°31	2°33	13°40	27°30	1°30	22°44	5°0	3°14	3°0	12°43	F 18
S 19	1 51 38	26°4'05	21°7	29°29	20°31	7°7	2°45	13°36	27°33	1°32	22°43	4°54	3°11	3°7	12°47	S 19
S 20	1 55 34	27°3'48	5♂38	1♂7	21°43	7°43	2°57	13°31	27°35	1°35	22°43	4°46	3°8	3°14	12°51	S 20
M 21	1 59 31	28°3'34	19°51	2°45	22°56	8°19	3°9	13°27	27°37	1°37	22°43	4°38	3°5	3°20	12°55	M 21
T 22	2 3 27	29°3'22	3♂41	4°22	24°8	8°55	3°21	13°22	27°40	1°39	22°42	4°29	3°2	3°27	12°58	T 22
W 23	2 7 24	0♂3'13	17°6	5°58	25°21	9°31	3°33	13°17	27°42	1°41	22°42	4°20	2°58	3°34	13°2	W 23
T 24	2 11 21	1°3'05	0♂6	7°34	26°34	10°7	3°46	13°13	27°44	1°44	22°42	4°14	2°55	3°40	13°5	T 24
F 25	2 15 17	2°3'00	12°42	9°9	27°47	10°43	3°58	13°8	27°46	1°46	22°41	4°10	2°52	3°47	13°9	F 25
S 26	2 19 14	3°2'57	24°59	10°44	29°0	11°18	4°10	13°3	27°48	1°48	22°41	4°8	2°49	3°54	13°12	S 26
S 27	2 23 10	4°2'56	7♂0	12°18	0♂13	11°54	4°23	12°58	27°50	1°50	22°41	4°D 7	2°46	4°0	13°15	S 27
M 28	2 27 7	5°2'57	18°51	13°52	1°26	12°30	4°35	12°54	27°52	1°53	22°40	4°8	2°42	4°7	13°18	M 28
T 29	2 31 3	6°3'00	0♂38	15°26	2°39	13°5	4°48	12°49	27°54	1°55	22°40	4°R 9	2°39	4°14	13°21	T 29
W 30	2 35 0	7°3'05	12°27	16°59	3°52	13°41	5°1	12°44	27°56	1°57	22°40	4°8	2°36	4°20	13°24	W 30
T 31	2 38 56	8♂3'13	24♂20	18♂31	5♂5	14♂17	5♂13	12♂39	27♂58	1♂59	22♂40	4♂6	2♂33	4♂27	13♂27	T 31

ASTRODIENST EPHEMERIS for the year 1793
geocentric

NOVEMBER 1793

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	2 42 53	9♉ 3'22	6♊ 24	20♉ 3	6♊ 19	14♉ 52	5♊ 26	12°R34	28♉ 0	2♉ 2	22°R40	4°R 1	2♉ 30	4♉ 33	13♉ 30	F 1
S 2	2 46 49	10° 3'34	18°40	21°35	7°32	15°27	5°39	12♉ 29	28° 1	2° 4	22°40	3♉ 54	2°27	4°40	13°32	S 2
S 3	2 50 46	11° 3'47	1♉ 11	23° 7	8°46	16° 3	5°52	12°25	28° 3	2° 6	22°40	3°44	2°23	4°47	13°35	S 3
M 4	2 54 43	12° 4'02	13°57	24°37	9°59	16°38	6° 5	12°20	28° 5	2° 8	22°40	3°32	2°20	4°53	13°37	M 4
T 5	2 58 39	13° 4'19	26°58	26° 8	11°13	17°13	6°17	12°15	28° 6	2°10	22°D40	3°20	2°17	5° 0	13°39	T 5
W 6	3 2 36	14° 4'38	10♊ 13	27°38	12°27	17°48	6°30	12°10	28° 8	2°13	22°40	3° 8	2°14	5° 7	13°42	W 6
T 7	3 6 32	15° 4'58	23°39	29° 8	13°41	18°24	6°43	12° 5	28° 9	2°15	22°40	2°57	2°11	5°13	13°44	T 7
F 8	3 10 29	16° 5'20	7♊ 15	0♊ 37	14°54	18°59	6°56	12° 0	28°11	2°17	22°40	2°49	2° 8	5°20	13°46	F 8
S 9	3 14 25	17° 5'44	21° 0	2° 6	16° 8	19°34	7°10	11°55	28°12	2°19	22°40	2°44	2° 4	5°27	13°48	S 9
S 10	3 18 22	18° 6'08	4♊ 52	3°35	17°22	20° 8	7°23	11°51	28°13	2°21	22°40	2°42	2° 1	5°33	13°49	S 10
M 11	3 22 19	19° 6'34	18°51	5° 3	18°36	20°43	7°36	11°46	28°15	2°24	22°40	2°D41	1°58	5°40	13°51	M 11
T 12	3 26 15	20° 7'02	2♊ 57	6°30	19°50	21°18	7°49	11°41	28°16	2°26	22°40	2°R41	1°55	5°47	13°53	T 12
W 13	3 30 12	21° 7'30	17° 9	7°57	21° 4	21°53	8° 2	11°36	28°17	2°28	22°40	2°41	1°52	5°53	13°54	W 13
T 14	3 34 8	22° 8'00	1°V 25	9°24	22°18	22°27	8°15	11°31	28°18	2°30	22°41	2°38	1°48	6° 0	13°56	T 14
F 15	3 38 5	23° 8'32	15°42	10°49	23°32	23° 2	8°29	11°27	28°19	2°32	22°41	2°33	1°45	6° 6	13°57	F 15
S 16	3 42 1	24° 9'04	29°58	12°15	24°47	23°37	8°42	11°22	28°20	2°34	22°41	2°25	1°42	6°13	13°58	S 16
S 17	3 45 58	25° 9'38	14♊ 6	13°39	26° 1	24°11	8°55	11°17	28°21	2°36	22°41	2°14	1°39	6°20	13°59	S 17
M 18	3 49 54	26°10'13	28° 2	15° 2	27°15	24°45	9° 9	11°13	28°22	2°39	22°42	2° 1	1°36	6°26	14° 0	M 18
T 19	3 53 51	27°10'50	11♊ 40	16°25	28°29	25°20	9°22	11° 8	28°23	2°41	22°42	1°48	1°33	6°33	14° 1	T 19
W 20	3 57 47	28°11'29	24°58	17°46	29°44	25°54	9°35	11° 4	28°24	2°43	22°42	1°36	1°29	6°40	14° 2	W 20
T 21	4 1 44	29°12'09	7♊ 55	19° 6	0♉ 58	26°28	9°49	10°59	28°24	2°45	22°43	1°26	1°26	6°46	14° 2	T 21
F 22	4 5 41	0♊ 12'50	20°30	20°25	2°13	27° 2	10° 2	10°55	28°25	2°47	22°43	1°19	1°23	6°53	14° 3	F 22
S 23	4 9 37	1°13'34	2♉ 47	21°42	3°27	27°36	10°16	10°50	28°26	2°49	22°44	1°14	1°20	7° 0	14° 3	S 23
S 24	4 13 34	2°14'18	14°49	22°57	4°42	28°10	10°29	10°46	28°26	2°51	22°44	1°12	1°17	7° 6	14° 3	S 24
M 25	4 17 30	3°15'04	26°41	24°11	5°56	28°44	10°43	10°42	28°27	2°53	22°45	1°11	1°13	7°13	14° 4	M 25
T 26	4 21 27	4°15'52	8♉ 29	25°21	7°11	29°18	10°56	10°37	28°27	2°55	22°45	1°11	1°10	7°20	14°R 4	T 26
W 27	4 25 23	5°16'41	20°18	26°29	8°26	29°52	11°10	10°33	28°28	2°57	22°46	1°10	1° 7	7°26	14° 4	W 27
T 28	4 29 20	6°17'32	2♊ 13	27°34	9°40	0♊ 25	11°23	10°29	28°28	2°59	22°46	1° 8	1° 4	7°33	14° 4	T 28
F 29	4 33 16	7°18'24	14°20	28°35	10°55	0°59	11°37	10°25	28°28	3° 1	22°47	1° 3	1° 1	7°40	14° 3	F 29
S 30	4 37 13	8♊ 19'17	26♊ 43	29♊ 32	12♉ 10	1♊ 32	11♊ 50	10♊ 21	28♉ 28	3♉ 3	22°48	0♉ 56	0♉ 58	7♉ 46	14♉ 3	S 30

Delta T = 20.79 sec

Greg. Calendar

DECEMBER 1793

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	4 41 10	9♊ 20'11	9♉ 25	0♊ 24	13♉ 24	2♊ 6	12♊ 4	10°R17	28♉ 29	3♉ 5	22°48	0°R46	0♉ 54	7♉ 53	14°R 3	S 1
M 2	4 45 6	10°21'07	22°27	1°11	14°39	2°39	12°17	10♊ 13	28°29	3° 6	22°49	0♉ 33	0°51	7°59	14♉ 2	M 2
T 3	4 49 3	11°22'04	5♊ 48	1°52	15°54	3°12	12°31	10° 9	28°R29	3° 8	22°50	0°20	0°48	8° 6	14° 1	T 3
W 4	4 52 59	12°23'03	19°27	2°25	17° 9	3°45	12°44	10° 5	28°29	3°10	22°50	0° 7	0°45	8°13	14° 1	W 4
T 5	4 56 56	13°24'02	3♊ 19	2°51	18°24	4°18	12°58	10° 2	28°29	3°12	22°51	29♉ 56	0°42	8°19	14° 0	T 5
F 6	5 0 52	14°25'02	17°22	3° 8	19°39	4°51	13°12	9°58	28°28	3°14	22°52	29°48	0°39	8°26	13°59	F 6
S 7	5 4 49	15°26'02	1♊ 30	3°R16	20°54	5°24	13°25	9°55	28°28	3°16	22°53	29°42	0°35	8°33	13°58	S 7
S 8	5 8 46	16°27'04	15°40	3°14	22° 8	5°57	13°39	9°51	28°28	3°17	22°54	29°39	0°32	8°39	13°56	S 8
M 9	5 12 42	17°28'05	29°49	3° 0	23°23	6°29	13°52	9°48	28°28	3°19	22°54	29°D39	0°29	8°46	13°55	M 9
T 10	5 16 39	18°29'08	13♊ 56	2°35	24°38	7° 2	14° 6	9°45	28°27	3°21	22°55	29°R39	0°26	8°53	13°54	T 10
W 11	5 20 35	19°30'10	27°59	1°58	25°53	7°34	14°19	9°42	28°27	3°23	22°56	29°39	0°23	8°59	13°52	W 11
T 12	5 24 32	20°31'13	11°V 59	1°11	27° 8	8° 7	14°33	9°38	28°27	3°24	22°57	29°37	0°19	9° 6	13°51	T 12
F 13	5 28 28	21°32'17	25°54	0°12	28°23	8°39	14°47	9°35	28°26	3°26	22°58	29°32	0°16	9°13	13°49	F 13
S 14	5 32 25	22°33'21	9♊ 43	29♊ 5	29°38	9°11	15° 0	9°33	28°26	3°28	22°59	29°25	0°13	9°19	13°47	S 14
S 15	5 36 21	23°34'25	23°23	27°49	0♊ 53	9°43	15°14	9°30	28°25	3°29	23° 0	29°16	0°10	9°26	13°45	S 15
M 16	5 40 18	24°35'30	6♊ 53	26°29	2° 8	10°15	15°27	9°27	28°24	3°31	23° 1	29° 4	0° 7	9°33	13°43	M 16
T 17	5 44 15	25°36'35	20°10	25° 7	3°23	10°46	15°41	9°24	28°24	3°32	23° 2	28°53	0° 4	9°39	13°41	T 17
W 18	5 48 11	26°37'41	3♊ 11	23°44	4°39	11°18	15°54	9°22	28°23	3°34	23° 3	28°42	0° 0	9°46	13°39	W 18
T 19	5 52 8	27°38'47	15°55	22°25	5°54	11°50	16° 8	9°19	28°22	3°35	23° 4	28°33	29♉ 57	9°52	13°37	T 19
F 20	5 56 4	28°39'54	28°23	21°11	7° 9	12°21	16°21	9°17	28°21	3°37	23° 5	28°26	29°54	9°59	13°34	F 20
S 21	6 0 1	29°41'01	10♉ 36	20° 5	8°24	12°52	16°34	9°15	28°20	3°38	23° 7	28°21	29°51	10° 6	13°32	S 21
S 22	6 3 57	0♊ 42'09	22°37	19° 8	9°39	13°23	16°48	9°13	28°19	3°40	23° 8	28°20	29°48	10°12	13°29	S 22
M 23	6 7 54	1°43'17	4♉ 28	18°21	10°54	13°55	17° 1	9°11	28°18	3°41	23° 9	28°D20	29°45	10°19	13°26	M 23
T 24	6 11 50	2°44'26	16°16	17°45	12° 9	14°25	17°15	9° 9	28°17	3°42	23°10	28°21	29°41	10°26	13°24	T 24
W 25	6 15 47	3°45'35	28° 4	17°19	13°24	14°56	17°28	9° 7	28°16	3°44	23°11	28°21	29°38	10°32	13°21	W 25
T 26	6 19 44	4°46'45	9♊ 59	17° 3	14°40	15°27	17°41	9° 5	28°15	3°45	23°12	28°R22	29°35	10°39	13°18	T 26
F 27	6 23 40	5°47'55	22° 6	16°D 58	15°55	15°57	17°55	9° 4	28°13	3°46	23°14	28°20	29°32	10°46	13°15	F 27
S 28	6 27 37	6°49'06	4♉ 29	17° 2	17°10	16°28	18° 8	9° 2	28°12	3°48	23°15	28°16	29°29	10°52	13°12	S 28
S 29	6 31 33	7°50'17	17°13	17°15	18°25	16°58	18°21	9° 1	28°11	3°49	23°16	28°10	29°25	10°59	13° 9	S 29
M 30	6 35 30	8°51'28	0♊ 21	17°35	19°40	17°28	18°34	9° 0	28° 9	3°50	23°18	28° 3	29°22	11° 6	13° 5	M 30
T 31	6 39 26	9♊ 52'40	13♊ 53	18♊ 3	20♊ 56	17♊ 58	18♊ 47	8♊ 59	28♉ 8	3♉ 51	23°19	27♉ 54	29♉ 19	11♉ 12	13♉ 2	T 31

Delta T = 20.77 sec

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