

SWISS EPHEMERIS for the year 504 BCE

JANUARY 504 BCE (-503) JC

00:00 UT

| Day  | Sid.t   | ☉        | ☽     | ♀      | ♁     | ♂     | ♃     | ♄     | ♅     | ♆      | ♇      | ♈      | ♉     | ♊     | ♋    | ♌ | ♍ | ♎ | ♏ | ♐ | ♑ | ♒ | ♓ |  |
|------|---------|----------|-------|--------|-------|-------|-------|-------|-------|--------|--------|--------|-------|-------|------|---|---|---|---|---|---|---|---|--|
| S 1  | 6 17 58 | 5°37'52  | 15♐26 | 26°R48 | 19♍6  | 17♍38 | 17♏43 | 18♍59 | 19♏57 | 22♎4   | 25°R40 | 25°R57 | 27♍2  | 21♍13 | n.a. |   |   |   |   |   |   |   |   |  |
| S 2  | 6 21 55 | 6°48'45  | 27°46 | 25♏49  | 20°21 | 18°2  | 17°52 | 18°59 | 19°58 | 22°5   | 25♎39  | 25♏54  | 26°59 | 21°20 | n.a. |   |   |   |   |   |   |   |   |  |
| M 3  | 6 25 52 | 7°49'37  | 9♏54  | 24°58  | 21°36 | 18°27 | 18°0  | 19°0  | 20°0  | 22°6   | 25°38  | 25°51  | 26°55 | 21°26 | n.a. |   |   |   |   |   |   |   |   |  |
| T 4  | 6 29 48 | 8°50'27  | 21°55 | 24°14  | 22°51 | 18°51 | 18°9  | 19°1  | 20°2  | 22°7   | 25°37  | 25°48  | 26°52 | 21°33 | n.a. |   |   |   |   |   |   |   |   |  |
| W 5  | 6 33 45 | 9°51'16  | 3♏49  | 23°39  | 24°6  | 19°16 | 18°18 | 19°2  | 20°3  | 22°8   | 25°36  | 25°46  | 26°49 | 21°40 | n.a. |   |   |   |   |   |   |   |   |  |
| T 6  | 6 37 41 | 10°52'04 | 15°38 | 23°12  | 25°21 | 19°42 | 18°27 | 19°3  | 20°5  | 22°9   | 25°35  | 25°45  | 26°46 | 21°46 | n.a. |   |   |   |   |   |   |   |   |  |
| F 7  | 6 41 38 | 11°52'50 | 27°25 | 22°53  | 26°36 | 20°7  | 18°37 | 19°5  | 20°6  | 22°9   | 25°34  | 25°D45 | 26°43 | 21°53 | n.a. |   |   |   |   |   |   |   |   |  |
| S 8  | 6 45 34 | 12°53'35 | 9♏12  | 22°42  | 27°51 | 20°33 | 18°46 | 19°6  | 20°8  | 22°10  | 25°33  | 25°45  | 26°39 | 22°0  | n.a. |   |   |   |   |   |   |   |   |  |
| S 9  | 6 49 31 | 13°54'18 | 21°2  | 22°D38 | 29°6  | 20°59 | 18°56 | 19°8  | 20°10 | 22°11  | 25°32  | 25°46  | 26°36 | 22°6  | n.a. |   |   |   |   |   |   |   |   |  |
| M10  | 6 53 27 | 14°54'59 | 2♏57  | 22°42  | 0♏20  | 21°25 | 19°5  | 19°9  | 20°12 | 22°11  | 25°31  | 25°48  | 26°33 | 22°13 | n.a. |   |   |   |   |   |   |   |   |  |
| T 11 | 6 57 24 | 15°55'39 | 15°1  | 22°53  | 1°35  | 21°51 | 19°15 | 19°11 | 20°14 | 22°12  | 25°30  | 25°49  | 26°30 | 22°20 | n.a. |   |   |   |   |   |   |   |   |  |
| W12  | 7 1 21  | 16°56'16 | 27°17 | 23°10  | 2°50  | 22°18 | 19°25 | 19°13 | 20°15 | 22°13  | 25°28  | 25°49  | 26°27 | 22°26 | n.a. |   |   |   |   |   |   |   |   |  |
| T 13 | 7 5 17  | 17°56'52 | 9♍51  | 23°32  | 4°5   | 22°45 | 19°35 | 19°15 | 20°17 | 22°13  | 25°27  | 25°50  | 26°24 | 22°33 | n.a. |   |   |   |   |   |   |   |   |  |
| F 14 | 7 9 14  | 18°57'26 | 22°45 | 24°0   | 5°20  | 23°12 | 19°45 | 19°17 | 20°19 | 22°14  | 25°26  | 25°R50 | 26°20 | 22°39 | n.a. |   |   |   |   |   |   |   |   |  |
| S 15 | 7 13 10 | 19°57'58 | 6♏3   | 24°34  | 6°34  | 23°39 | 19°56 | 19°19 | 20°21 | 22°14  | 25°25  | 25°50  | 26°17 | 22°46 | n.a. |   |   |   |   |   |   |   |   |  |
| S 16 | 7 17 7  | 20°58'28 | 19°49 | 25°11  | 7°49  | 24°7  | 20°6  | 19°22 | 20°24 | 22°15  | 25°24  | 25°49  | 26°14 | 22°53 | n.a. |   |   |   |   |   |   |   |   |  |
| M17  | 7 21 3  | 21°58'56 | 4♐1   | 25°53  | 9°4   | 24°35 | 20°17 | 19°24 | 20°26 | 22°15  | 25°22  | 25°49  | 26°11 | 22°59 | n.a. |   |   |   |   |   |   |   |   |  |
| T 18 | 7 25 0  | 22°59'22 | 18°38 | 26°39  | 10°18 | 25°2  | 20°27 | 19°27 | 20°28 | 22°15  | 25°21  | 25°48  | 26°8  | 23°6  | n.a. |   |   |   |   |   |   |   |   |  |
| W19  | 7 28 56 | 23°59'46 | 3♏36  | 27°29  | 11°33 | 25°31 | 20°38 | 19°29 | 20°30 | 22°16  | 25°20  | 25°48  | 26°5  | 23°13 | n.a. |   |   |   |   |   |   |   |   |  |
| T 20 | 7 32 53 | 25°0'08  | 18°47 | 28°22  | 12°47 | 25°59 | 20°49 | 19°32 | 20°32 | 22°16  | 25°18  | 25°D48 | 26°1  | 23°19 | n.a. |   |   |   |   |   |   |   |   |  |
| F 21 | 7 36 50 | 26°0'28  | 4♎2   | 29°18  | 14°2  | 26°27 | 21°0  | 19°35 | 20°34 | 22°16  | 25°17  | 25°R48 | 25°58 | 23°26 | n.a. |   |   |   |   |   |   |   |   |  |
| S 22 | 7 40 46 | 27°0'47  | 19°10 | 0♏17   | 15°17 | 26°56 | 21°11 | 19°38 | 20°37 | 22°17  | 25°16  | 25°48  | 25°55 | 23°33 | n.a. |   |   |   |   |   |   |   |   |  |
| S 23 | 7 44 43 | 28°1'04  | 4♐4   | 1°18   | 16°31 | 27°25 | 21°22 | 19°41 | 20°39 | 22°17  | 25°14  | 25°48  | 25°52 | 23°39 | n.a. |   |   |   |   |   |   |   |   |  |
| M24  | 7 48 39 | 29°1'19  | 18°35 | 2°22   | 17°45 | 27°54 | 21°33 | 19°44 | 20°42 | 22°17  | 25°13  | 25°48  | 25°49 | 23°46 | n.a. |   |   |   |   |   |   |   |   |  |
| T 25 | 7 52 36 | 0♏1'32   | 2♎40  | 3°28   | 19°0  | 28°23 | 21°44 | 19°47 | 20°44 | 22°17  | 25°11  | 25°47  | 25°45 | 23°53 | n.a. |   |   |   |   |   |   |   |   |  |
| W26  | 7 56 32 | 1°1'43   | 16°18 | 4°37   | 20°14 | 28°52 | 21°56 | 19°50 | 20°46 | 22°17  | 25°10  | 25°47  | 25°42 | 23°59 | n.a. |   |   |   |   |   |   |   |   |  |
| T 27 | 8 0 29  | 2°1'54   | 29°30 | 5°47   | 21°29 | 29°22 | 22°7  | 19°54 | 20°49 | 22°17  | 25°8   | 25°D47 | 25°39 | 24°6  | n.a. |   |   |   |   |   |   |   |   |  |
| F 28 | 8 4 25  | 3°2'02   | 12♐18 | 7°0    | 22°43 | 29°51 | 22°19 | 19°57 | 20°51 | 22°17  | 25°7   | 25°47  | 25°36 | 24°13 | n.a. |   |   |   |   |   |   |   |   |  |
| S 29 | 8 8 22  | 4°2'09   | 24°46 | 8°14   | 23°57 | 0♏21  | 22°30 | 20°1  | 20°54 | 22°R17 | 25°5   | 25°47  | 25°33 | 24°19 | n.a. |   |   |   |   |   |   |   |   |  |
| S 30 | 8 12 19 | 5°2'14   | 6♏58  | 9°30   | 25°12 | 0°51  | 22°42 | 20°5  | 20°57 | 22°17  | 25°4   | 25°48  | 25°30 | 24°26 | n.a. |   |   |   |   |   |   |   |   |  |
| M31  | 8 16 15 | 6♏2'17   | 18♏58 | 10♏48  | 26♏26 | 1♏21  | 22♏54 | 20♍9  | 20♏59 | 22♎17  | 25♎2   | 25♏49  | 25♏26 | 24♏32 | n.a. |   |   |   |   |   |   |   |   |  |

Delta T = 04h38m42s Julian Calendar 1 Jan. 504 BCE == Greg. Calendar 26 Dec. 505 BCE  
 The year -503 astronomical counting style corresponds to year 504 B.C.E historical counting style.

FEBRUARY 504 BCE (-503) JC

00:00 UT

| Day  | Sid.t   | ☉        | ☽     | ♀     | ♁     | ♂     | ♃     | ♄     | ♅     | ♆      | ♇     | ♈       | ♉     | ♊     | ♋    | ♌ | ♍ | ♎ | ♏ | ♐ | ♑ | ♒ | ♓ |  |
|------|---------|----------|-------|-------|-------|-------|-------|-------|-------|--------|-------|---------|-------|-------|------|---|---|---|---|---|---|---|---|--|
| T 1  | 8 20 12 | 7°2'19   | 0♏50  | 12♏7  | 27♏40 | 1♏51  | 23♏6  | 20♍13 | 21♏2  | 22°R17 | 25°R1 | 25♏50   | 25♏23 | 24♏39 | n.a. |   |   |   |   |   |   |   |   |  |
| W 2  | 8 24 8  | 8°2'18   | 12°38 | 13°28 | 28°54 | 2°21  | 23°18 | 20°17 | 21°5  | 22♎17  | 24♎59 | 25°51   | 25°20 | 24°46 | n.a. |   |   |   |   |   |   |   |   |  |
| T 3  | 8 28 5  | 9°2'16   | 24°25 | 14°50 | 0♏9   | 2°52  | 23°30 | 20°21 | 21°7  | 22°17  | 24°58 | 25°R51  | 25°17 | 24°52 | n.a. |   |   |   |   |   |   |   |   |  |
| F 4  | 8 32 1  | 10°2'12  | 6♏12  | 16°14 | 1°23  | 3°22  | 23°42 | 20°25 | 21°10 | 22°17  | 24°56 | 25°51   | 25°14 | 24°59 | n.a. |   |   |   |   |   |   |   |   |  |
| S 5  | 8 35 58 | 11°2'06  | 18°3  | 17°39 | 2°37  | 3°53  | 23°54 | 20°29 | 21°13 | 22°16  | 24°55 | 25°50   | 25°11 | 25°6  | n.a. |   |   |   |   |   |   |   |   |  |
| S 6  | 8 39 54 | 12°1'57  | 0♏0   | 19°5  | 3°51  | 4°24  | 24°7  | 20°34 | 21°16 | 22°16  | 24°53 | 25°48   | 25°7  | 25°12 | n.a. |   |   |   |   |   |   |   |   |  |
| M 7  | 8 43 51 | 13°1'46  | 12°4  | 20°33 | 5°5   | 4°55  | 24°19 | 20°38 | 21°18 | 22°16  | 24°52 | 25°46   | 25°4  | 25°19 | n.a. |   |   |   |   |   |   |   |   |  |
| T 8  | 8 47 48 | 14°1'33  | 24°17 | 22°2  | 6°19  | 5°26  | 24°32 | 20°43 | 21°21 | 22°16  | 24°50 | 25°43   | 25°1  | 25°26 | n.a. |   |   |   |   |   |   |   |   |  |
| W 9  | 8 51 44 | 15°1'18  | 6♍42  | 23°32 | 7°33  | 5°57  | 24°44 | 20°47 | 21°24 | 22°15  | 24°48 | 25°40   | 24°58 | 25°32 | n.a. |   |   |   |   |   |   |   |   |  |
| T 10 | 8 55 41 | 16°1'01  | 19°21 | 25°4  | 8°47  | 6°29  | 24°57 | 20°52 | 21°27 | 22°15  | 24°47 | 25°37   | 24°55 | 25°39 | n.a. |   |   |   |   |   |   |   |   |  |
| F 11 | 8 59 37 | 17°0'41  | 2♏16  | 26°37 | 10°1  | 7°0   | 25°9  | 20°57 | 21°30 | 22°14  | 24°45 | 25°36   | 24°51 | 25°46 | n.a. |   |   |   |   |   |   |   |   |  |
| S 12 | 9 3 34  | 18°0'19  | 15°30 | 28°11 | 11°15 | 7°32  | 25°22 | 21°2  | 21°33 | 22°14  | 24°43 | 25°D35  | 24°48 | 25°52 | n.a. |   |   |   |   |   |   |   |   |  |
| S 13 | 9 7 30  | 18°59'54 | 29°6  | 29°46 | 12°28 | 8°3   | 25°35 | 21°7  | 21°36 | 22°13  | 24°42 | 25°35   | 24°45 | 25°59 | n.a. |   |   |   |   |   |   |   |   |  |
| M14  | 9 11 27 | 19°59'27 | 13♐3  | 1♏23  | 13°42 | 8°35  | 25°48 | 21°12 | 21°39 | 22°13  | 24°40 | 25°36   | 24°42 | 26°5  | n.a. |   |   |   |   |   |   |   |   |  |
| T 15 | 9 15 23 | 20°58'58 | 27°23 | 3°1   | 14°56 | 9°7   | 26°1  | 21°17 | 21°42 | 22°12  | 24°39 | 25°38   | 24°39 | 26°12 | n.a. |   |   |   |   |   |   |   |   |  |
| W16  | 9 19 20 | 21°58'26 | 12♏3  | 4°40  | 16°10 | 9°39  | 26°14 | 21°22 | 21°45 | 22°12  | 24°37 | 25°39   | 24°36 | 26°19 | n.a. |   |   |   |   |   |   |   |   |  |
| T 17 | 9 23 17 | 22°57'52 | 26°59 | 6°20  | 17°23 | 10°11 | 26°27 | 21°28 | 21°48 | 22°11  | 24°35 | 25°R40  | 24°32 | 26°25 | n.a. |   |   |   |   |   |   |   |   |  |
| F 18 | 9 27 13 | 23°57'15 | 12♎4  | 8°2   | 18°37 | 10°43 | 26°40 | 21°33 | 21°51 | 22°11  | 24°34 | 25°39   | 24°29 | 26°32 | n.a. |   |   |   |   |   |   |   |   |  |
| S 19 | 9 31 10 | 24°56'37 | 27°8  | 9°45  | 19°50 | 11°15 | 26°53 | 21°38 | 21°54 | 22°10  | 24°32 | 25°37   | 24°26 | 26°39 | n.a. |   |   |   |   |   |   |   |   |  |
| S 20 | 9 35 6  | 25°55'56 | 12♐4  | 11°29 | 21°4  | 11°47 | 27°6  | 21°44 | 21°58 | 22°9   | 24°30 | 25°33   | 24°23 | 26°45 | n.a. |   |   |   |   |   |   |   |   |  |
| M21  | 9 39 3  | 26°55'13 | 26°43 | 13°15 | 22°17 | 12°20 | 27°19 | 21°50 | 22°1  | 22°9   | 24°29 | 25°28   | 24°20 | 26°52 | n.a. |   |   |   |   |   |   |   |   |  |
| T 22 | 9 42 59 | 27°54'27 | 10♏58 | 15°2  | 23°31 | 12°52 | 27°33 | 21°55 | 22°4  | 22°8   | 24°27 | 25°24   | 24°17 | 26°59 | n.a. |   |   |   |   |   |   |   |   |  |
| W23  | 9 46 56 | 28°53'40 | 24°46 | 16°50 | 24°44 | 13°25 | 27°46 | 22°1  | 22°7  | 22°7   | 24°25 | 25°19   | 24°13 | 27°5  | n.a. |   |   |   |   |   |   |   |   |  |
| T 24 | 9 50 52 | 29°52'52 | 8♐5   | 18°40 | 25°57 | 13°57 | 27°59 | 22°7  | 22°10 | 22°6   | 24°24 | 25°16   | 24°10 | 27°12 | n.a. |   |   |   |   |   |   |   |   |  |
| F 25 | 9 54 49 | 0♏52'01  | 20°59 | 20°31 | 27°11 | 14°30 | 28°13 | 22°13 | 22°14 | 22°5   | 24°22 | 25°14   | 24°7  | 27°19 | n.a. |   |   |   |   |   |   |   |   |  |
| S 26 | 9 58 46 | 1°51'08  | 3♏29  | 22°23 | 28°24 | 15°3  | 28°26 | 22°19 | 22°17 | 22°4   | 24°21 | 25°D13  | 24°4  | 27°25 | n.a. |   |   |   |   |   |   |   |   |  |
| S 27 | 10 2 42 | 2°50'14  | 15°41 | 24°17 | 29°37 | 15°36 | 28°40 | 22°25 | 22°20 | 22°4   | 24°19 | 25°14   | 24°1  | 27°32 | n.a. |   |   |   |   |   |   |   |   |  |
| M28  | 10 6 39 | 3♏49'18  | 27♏39 | 26♏12 | 0♍50  | 16♏9  | 28♏53 | 22♍31 | 22♏23 | 22♎3   | 24♎17 | 25♏15</ |       |       |      |   |   |   |   |   |   |   |   |  |

SWISS EPHEMERIS for the year 504 BCE

MARCH 504 BCE (-503) JC

00:00 UT

| Day  | Sid.t    | ☉        | ☽     | ♀     | ♁     | ♂     | ♃     | ♄     | ♅     | ♆     | ♇     | ♈     | ♉     | ♊     | ♋    | ♌ | ♍ | ♎ | ♏ | ♐ | ♑ | ♒ | ♓ |  |
|------|----------|----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|---|---|---|---|---|---|---|---|--|
| T 1  | 10 10 35 | 4X48'19  | 9Z29  | 28X 9 | 2Y 3  | 16B42 | 29K 7 | 22Y37 | 22K27 | 22R 2 | 24R16 | 25Z17 | 23Z54 | 27Z45 | n.a. |   |   |   |   |   |   |   |   |  |
| W 2  | 10 14 32 | 5°47'19  | 21°15 | 0K 6  | 3°16  | 17°15 | 29°20 | 22°43 | 22°30 | 22A 1 | 24Q14 | 25R18 | 23°51 | 27°52 | n.a. |   |   |   |   |   |   |   |   |  |
| T 3  | 10 18 28 | 6°46'17  | 3X 2  | 2° 5  | 4°29  | 17°48 | 29°34 | 22°49 | 22°33 | 22° 0 | 24°13 | 25°18 | 23°48 | 27°58 | n.a. |   |   |   |   |   |   |   |   |  |
| F 4  | 10 22 25 | 7°45'13  | 14°52 | 4° 6  | 5°42  | 18°21 | 29°48 | 22°56 | 22°37 | 21°59 | 24°11 | 25°16 | 23°45 | 28° 5 | n.a. |   |   |   |   |   |   |   |   |  |
| S 5  | 10 26 21 | 8°44'07  | 26°50 | 6° 7  | 6°55  | 18°55 | 0Y 2  | 23° 2 | 22°40 | 21°58 | 24° 9 | 25°12 | 23°42 | 28°12 | n.a. |   |   |   |   |   |   |   |   |  |
| S 6  | 10 30 18 | 9°42'59  | 8K57  | 8°10  | 8° 8  | 19°28 | 0°15  | 23° 8 | 22°43 | 21°57 | 24° 8 | 25° 6 | 23°38 | 28°18 | n.a. |   |   |   |   |   |   |   |   |  |
| M 7  | 10 34 15 | 10°41'48 | 21°14 | 10°13 | 9°21  | 20° 2 | 0°29  | 23°15 | 22°47 | 21°55 | 24° 6 | 24°58 | 23°35 | 28°25 | n.a. |   |   |   |   |   |   |   |   |  |
| T 8  | 10 38 11 | 11°40'36 | 3Y43  | 12°18 | 10°33 | 20°35 | 0°43  | 23°22 | 22°50 | 21°54 | 24° 5 | 24°49 | 23°32 | 28°32 | n.a. |   |   |   |   |   |   |   |   |  |
| W 9  | 10 42 8  | 12°39'21 | 16°24 | 14°23 | 11°46 | 21° 9 | 0°57  | 23°28 | 22°54 | 21°53 | 24° 3 | 24°41 | 23°29 | 28°38 | n.a. |   |   |   |   |   |   |   |   |  |
| T 10 | 10 46 4  | 13°38'04 | 29°17 | 16°28 | 12°59 | 21°42 | 1°11  | 23°35 | 22°57 | 21°52 | 24° 2 | 24°33 | 23°26 | 28°45 | n.a. |   |   |   |   |   |   |   |   |  |
| F 11 | 10 50 1  | 14°36'45 | 12B24 | 18°34 | 14°11 | 22°16 | 1°25  | 23°42 | 23° 0 | 21°51 | 24° 0 | 24°27 | 23°22 | 28°52 | n.a. |   |   |   |   |   |   |   |   |  |
| S 12 | 10 53 57 | 15°35'24 | 25°44 | 20°41 | 15°24 | 22°50 | 1°39  | 23°48 | 23° 4 | 21°50 | 23°59 | 24°23 | 23°19 | 28°58 | n.a. |   |   |   |   |   |   |   |   |  |
| S 13 | 10 57 54 | 16°34'00 | 9II19 | 22°47 | 16°36 | 23°24 | 1°53  | 23°55 | 23° 7 | 21°48 | 23°57 | 24°21 | 23°16 | 29° 5 | n.a. |   |   |   |   |   |   |   |   |  |
| M14  | 11 1 50  | 17°32'34 | 23° 9 | 24°52 | 17°48 | 23°58 | 2° 7  | 24° 2 | 23°11 | 21°47 | 23°56 | 24D21 | 23°13 | 29°12 | n.a. |   |   |   |   |   |   |   |   |  |
| T 15 | 11 5 47  | 18°31'06 | 7B14  | 26°57 | 19° 1 | 24°32 | 2°21  | 24° 9 | 23°14 | 21°46 | 23°54 | 24°22 | 23°10 | 29°18 | n.a. |   |   |   |   |   |   |   |   |  |
| W16  | 11 9 44  | 19°29'35 | 21°35 | 29° 1 | 20°13 | 25° 6 | 2°35  | 24°16 | 23°17 | 21°45 | 23°53 | 24R23 | 23° 7 | 29°25 | n.a. |   |   |   |   |   |   |   |   |  |
| T 17 | 11 13 40 | 20°28'02 | 6Q 9  | 1Y 3  | 21°25 | 25°40 | 2°49  | 24°23 | 23°21 | 21°43 | 23°51 | 24°22 | 23° 3 | 29°32 | n.a. |   |   |   |   |   |   |   |   |  |
| F 18 | 11 17 37 | 21°26'27 | 20°51 | 3° 4  | 22°37 | 26°14 | 3° 3  | 24°30 | 23°24 | 21°42 | 23°50 | 24°19 | 23° 0 | 29°38 | n.a. |   |   |   |   |   |   |   |   |  |
| S 19 | 11 21 33 | 22°24'49 | 5P37  | 5° 3  | 23°49 | 26°48 | 3°17  | 24°37 | 23°28 | 21°41 | 23°48 | 24°14 | 22°57 | 29°45 | n.a. |   |   |   |   |   |   |   |   |  |
| S 20 | 11 25 30 | 23°23'10 | 20°18 | 6°59  | 25° 1 | 27°22 | 3°31  | 24°44 | 23°31 | 21°39 | 23°47 | 24° 7 | 22°54 | 29°51 | n.a. |   |   |   |   |   |   |   |   |  |
| M21  | 11 29 26 | 24°21'28 | 4A48  | 8°52  | 26°13 | 27°57 | 3°45  | 24°51 | 23°35 | 21°38 | 23°46 | 23°58 | 22°51 | 29°58 | n.a. |   |   |   |   |   |   |   |   |  |
| T 22 | 11 33 23 | 25°19'45 | 18°59 | 10°43 | 27°25 | 28°31 | 3°59  | 24°59 | 23°38 | 21°36 | 23°44 | 23°48 | 22°48 | 29°58 | n.a. |   |   |   |   |   |   |   |   |  |
| W23  | 11 37 19 | 26°18'00 | 2II47 | 12°31 | 28°37 | 29° 5 | 4°14  | 25° 6 | 23°41 | 21°35 | 23°43 | 23°39 | 22°44 | 0°11  | n.a. |   |   |   |   |   |   |   |   |  |
| T 24 | 11 41 16 | 27°16'13 | 16° 9 | 14°15 | 29°49 | 29°40 | 4°28  | 25°13 | 23°45 | 21°34 | 23°42 | 23°31 | 22°41 | 0°18  | n.a. |   |   |   |   |   |   |   |   |  |
| F 25 | 11 45 12 | 28°14'25 | 29° 5 | 15°55 | 1B 0  | 0II14 | 4°42  | 25°20 | 23°48 | 21°32 | 23°40 | 23°25 | 22°38 | 0°25  | n.a. |   |   |   |   |   |   |   |   |  |
| S 26 | 11 49 9  | 29°12'35 | 11A39 | 17°32 | 2°12  | 0°49  | 4°56  | 25°28 | 23°52 | 21°31 | 23°39 | 23°21 | 22°35 | 0°31  | n.a. |   |   |   |   |   |   |   |   |  |
| S 27 | 11 53 6  | 0Y10'43  | 23°53 | 19° 5 | 3°23  | 1°23  | 5°10  | 25°35 | 23°55 | 21°29 | 23°38 | 23°20 | 22°32 | 0°38  | n.a. |   |   |   |   |   |   |   |   |  |
| M28  | 11 57 2  | 1° 8'50  | 5Z52  | 20°34 | 4°35  | 1°58  | 5°24  | 25°43 | 23°59 | 21°28 | 23°37 | 23D20 | 22°28 | 0°45  | n.a. |   |   |   |   |   |   |   |   |  |
| T 29 | 12 0 59  | 2° 6'55  | 17°43 | 21°58 | 5°46  | 2°32  | 5°39  | 25°50 | 24° 2 | 21°26 | 23°35 | 23R20 | 22°25 | 0°51  | n.a. |   |   |   |   |   |   |   |   |  |
| W30  | 12 4 55  | 3° 4'59  | 29°30 | 23°18 | 6°57  | 3° 7  | 5°53  | 25°58 | 24° 5 | 21°25 | 23°34 | 23°20 | 22°22 | 0°58  | n.a. |   |   |   |   |   |   |   |   |  |
| T 31 | 12 8 52  | 4Y 3'02  | 11X19 | 24Y34 | 8B 9  | 3II42 | 6Y 7  | 26Y 5 | 24K 9 | 21A23 | 23Q33 | 23Z18 | 22Z19 | 1X 5  | n.a. |   |   |   |   |   |   |   |   |  |

Delta T = 04h38m38s Julian Calendar 1 March 504 BCE == Greg. Calendar 23 Feb. 504 BCE

The year -503 astronomical counting style corresponds to year 504 B.C.E historical counting style.

APRIL 504 BCE (-503) JC

00:00 UT

| Day  | Sid.t    | ☉        | ☽     | ♀     | ♁     | ♂     | ♃     | ♄     | ♅     | ♆     | ♇     | ♈     | ♉     | ♊    | ♋    | ♌ | ♍ | ♎ | ♏ | ♐ | ♑ | ♒ | ♓ |  |
|------|----------|----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|------|---|---|---|---|---|---|---|---|--|
| F 1  | 12 12 48 | 5Y 1'02  | 23X14 | 25Y46 | 9B20  | 4II17 | 6Y21  | 26Y13 | 24K12 | 21R22 | 23R32 | 23R15 | 22Z16 | 1X11 | n.a. |   |   |   |   |   |   |   |   |  |
| S 2  | 12 16 45 | 5°59'01  | 5K19  | 26°53 | 10°31 | 4°52  | 6°35  | 26°20 | 24°15 | 21A20 | 23Q31 | 23Z 8 | 22°13 | 1°18 | n.a. |   |   |   |   |   |   |   |   |  |
| S 3  | 12 20 41 | 6°56'59  | 17°36 | 27°55 | 11°42 | 5°26  | 6°50  | 26°28 | 24°19 | 21°19 | 23°30 | 22°59 | 22° 9 | 1°24 | n.a. |   |   |   |   |   |   |   |   |  |
| M 4  | 12 24 38 | 7°54'55  | 0Y 8  | 28°53 | 12°53 | 6° 1  | 7° 4  | 26°35 | 24°22 | 21°17 | 23°29 | 22°48 | 22° 6 | 1°31 | n.a. |   |   |   |   |   |   |   |   |  |
| T 5  | 12 28 35 | 8°52'49  | 12°55 | 29°46 | 14° 4 | 6°36  | 7°18  | 26°43 | 24°26 | 21°15 | 23°28 | 22°36 | 22° 3 | 1°38 | n.a. |   |   |   |   |   |   |   |   |  |
| W 6  | 12 32 31 | 9°50'42  | 25°57 | 0B35  | 15°15 | 7°11  | 7°32  | 26°51 | 24°29 | 21°14 | 23°27 | 22°24 | 22° 0 | 1°44 | n.a. |   |   |   |   |   |   |   |   |  |
| T 7  | 12 36 28 | 10°48'33 | 9B12  | 1°18  | 16°25 | 7°46  | 7°46  | 26°58 | 24°32 | 21°12 | 23°26 | 22°12 | 21°57 | 1°51 | n.a. |   |   |   |   |   |   |   |   |  |
| F 8  | 12 40 24 | 11°46'22 | 22°38 | 1°57  | 17°36 | 8°21  | 8° 1  | 27° 6 | 24°36 | 21°11 | 23°25 | 22° 3 | 21°53 | 1°58 | n.a. |   |   |   |   |   |   |   |   |  |
| S 9  | 12 44 21 | 12°44'10 | 6II15 | 2°30  | 18°46 | 8°57  | 8°15  | 27°14 | 24°39 | 21° 9 | 23°24 | 21°56 | 21°50 | 2° 4 | n.a. |   |   |   |   |   |   |   |   |  |
| S 10 | 12 48 17 | 13°41'56 | 20° 0 | 2°59  | 19°57 | 9°32  | 8°29  | 27°22 | 24°42 | 21° 7 | 23°23 | 21°52 | 21°47 | 2°11 | n.a. |   |   |   |   |   |   |   |   |  |
| M11  | 12 52 14 | 14°39'40 | 3B54  | 3°23  | 21° 7 | 10° 7 | 8°43  | 27°29 | 24°45 | 21° 6 | 23°22 | 21°51 | 21°44 | 2°18 | n.a. |   |   |   |   |   |   |   |   |  |
| T 12 | 12 56 10 | 15°37'23 | 17°56 | 3°41  | 22°18 | 10°42 | 8°57  | 27°37 | 24°49 | 21° 4 | 23°21 | 21°51 | 21°41 | 2°24 | n.a. |   |   |   |   |   |   |   |   |  |
| W13  | 13 0 7   | 16°35'03 | 2Q 5  | 3°55  | 23°28 | 11°17 | 9°11  | 27°45 | 24°52 | 21° 3 | 23°20 | 21°50 | 21°38 | 2°31 | n.a. |   |   |   |   |   |   |   |   |  |
| T 14 | 13 4 4   | 17°32'42 | 16°20 | 4° 4  | 24°38 | 11°53 | 9°26  | 27°53 | 24°55 | 21° 1 | 23°19 | 21°49 | 21°34 | 2°38 | n.a. |   |   |   |   |   |   |   |   |  |
| F 15 | 13 8 0   | 18°30'19 | 0P40  | 4R 7  | 25°48 | 12°28 | 9°40  | 28° 1 | 24°58 | 20°59 | 23°19 | 21°46 | 21°31 | 2°44 | n.a. |   |   |   |   |   |   |   |   |  |
| S 16 | 13 11 57 | 19°27'54 | 15° 1 | 4° 6  | 26°58 | 13° 4 | 9°54  | 28° 8 | 25° 2 | 20°58 | 23°18 | 21°39 | 21°28 | 2°51 | n.a. |   |   |   |   |   |   |   |   |  |
| S 17 | 13 15 53 | 20°25'28 | 29°18 | 4° 1  | 28° 7 | 13°39 | 10° 8 | 28°16 | 25° 5 | 20°56 | 23°17 | 21°30 | 21°25 | 2°58 | n.a. |   |   |   |   |   |   |   |   |  |
| M18  | 13 19 50 | 21°23'01 | 13A26 | 3°51  | 29°17 | 14°14 | 10°22 | 28°24 | 25° 8 | 20°54 | 23°16 | 21°19 | 21°22 | 3° 4 | n.a. |   |   |   |   |   |   |   |   |  |
| T 19 | 13 23 46 | 22°20'32 | 27°20 | 3°36  | 0II27 | 14°50 | 10°36 | 28°32 | 25°11 | 20°53 | 23°16 | 21° 7 | 21°19 | 3°11 | n.a. |   |   |   |   |   |   |   |   |  |
| W20  | 13 27 43 | 23°18'02 | 10M55 | 3°18  | 1°36  | 15°25 | 10°50 | 28°40 | 25°14 | 20°51 | 23°15 | 20°56 | 21°15 | 3°17 | n.a. |   |   |   |   |   |   |   |   |  |
| T 21 | 13 31 39 | 24°15'30 | 24° 9 | 2°56  | 2°46  | 16° 1 | 11° 4 | 28°48 | 25°17 | 20°50 | 23°15 | 20°45 | 21°12 | 3°24 | n.a. |   |   |   |   |   |   |   |   |  |
| F 22 | 13 35 36 | 0°57'25  | 19°19 | 2°31  | 3°55  | 16°37 | 11°18 | 28°56 | 25°20 | 20°48 | 23°14 | 20°37 | 21° 9 | 3°31 | n.a. |   |   |   |   |   |   |   |   |  |
| S 23 | 13 39 33 | 26°10'25 | 19°33 | 2° 3  | 5° 4  | 17°12 | 11°32 | 29° 4 | 25°23 | 20°46 | 23°13 | 20°32 | 21° 6 | 3°37 | n.a. |   |   |   |   |   |   |   |   |  |
| S 24 | 13 43 29 | 27° 7'51 | 1Z47  | 1°33  | 6°13  | 17°48 | 11°46 | 29°11 | 25°27 | 20°45 | 23°13 | 20°29 | 21° 3 | 3°44 | n.a. |   |   |   |   |   |   |   |   |  |
| M25  | 13 47 26 | 28° 5'16 | 13A48 | 1° 1  | 7°22  | 18°23 | 12° 0 | 29°19 | 25°30 | 20°43 | 23°12 | 20°28 | 20°59 | 3°51 | n.a. |   |   |   |   |   |   |   |   |  |
| T 26 | 13 51 22 | 29° 2'40 | 25°40 | 0°28  | 8°31  | 18°59 | 12°13 | 29°27 | 25°33 | 20°42 | 23°12 | 20°28 | 20°56 | 3°57 | n.a. |   |   |   |   |   |   |   |   |  |
| W27  | 13 55 19 | 0B 0'03  | 7X28  | 29Y54 | 9°40  | 19°35 | 12°27 | 29°35 | 25°36 | 20°40 | 23°12 | 20°28 | 20°53 | 4° 4 | n.a. |   |   |   |   |   |   |   |   |  |
| T 28 | 13 59 15 | 0°57'25  | 19°19 | 2°31  | 3°55  | 16°37 | 11°18 | 28°56 | 25°   |       |       |       |       |      |      |   |   |   |   |   |   |   |   |  |

SWISS EPHEMERIS for the year 504 BCE

MAY 504 BCE (-503) JC

00:00 UT

| Day  | Sid.t    | ☉        | ☽     | ♀      | ♁     | ♂     | ♃     | ♄    | ♅     | ♆      | ♇      | ♈      | ♉     | ♊    | ♋    | ♌ | ♍ | ♎ | ♏ | ♐ | ♑ | ♒ | ♓ |
|------|----------|----------|-------|--------|-------|-------|-------|------|-------|--------|--------|--------|-------|------|------|---|---|---|---|---|---|---|---|
| S 1  | 14 11 5  | 3♁49'28  | 25♂53 | 27°R44 | 14♁13 | 21♁58 | 13♂22 | 0♁ 7 | 25♂47 | 20°R34 | 23°R10 | 20°R 9 | 20♁40 | 4♁31 | n.a. |   |   |   |   |   |   |   |   |
| M 2  | 14 15 2  | 4°46'47  | 8♂37  | 27♂16  | 15°22 | 22°34 | 13°36 | 0°15 | 25°50 | 20♁32  | 23♁10  | 19♁59  | 20°37 | 4°37 | n.a. |   |   |   |   |   |   |   |   |
| T 3  | 14 18 58 | 5°44'06  | 21°40 | 26°50  | 16°30 | 23°10 | 13°50 | 0°23 | 25°53 | 20°30  | 23°10  | 19°48  | 20°34 | 4°44 | n.a. |   |   |   |   |   |   |   |   |
| W 4  | 14 22 55 | 6°41'24  | 5♁ 1  | 26°28  | 17°37 | 23°46 | 14° 3 | 0°30 | 25°56 | 20°29  | 23° 9  | 19°36  | 20°31 | 4°51 | n.a. |   |   |   |   |   |   |   |   |
| T 5  | 14 26 51 | 7°38'41  | 18°39 | 26° 8  | 18°45 | 24°22 | 14°17 | 0°38 | 25°58 | 20°27  | 23° 9  | 19°25  | 20°28 | 4°57 | n.a. |   |   |   |   |   |   |   |   |
| F 6  | 14 30 48 | 8°35'57  | 2♁30  | 25°53  | 19°53 | 24°58 | 14°30 | 0°46 | 26° 1 | 20°26  | 23° 9  | 19°16  | 20°25 | 5° 4 | n.a. |   |   |   |   |   |   |   |   |
| S 7  | 14 34 44 | 9°33'13  | 16°30 | 25°41  | 21° 0 | 25°34 | 14°44 | 0°54 | 26° 4 | 20°24  | 23° 9  | 19°10  | 20°21 | 5°11 | n.a. |   |   |   |   |   |   |   |   |
| S 8  | 14 38 41 | 10°30'27 | 0♁36  | 25°34  | 22° 8 | 26°10 | 14°57 | 1° 2 | 26° 7 | 20°23  | 23° 9  | 19° 7  | 20°18 | 5°17 | n.a. |   |   |   |   |   |   |   |   |
| M 9  | 14 42 37 | 11°27'41 | 14°45 | 25°D31 | 23°15 | 26°47 | 15°11 | 1°10 | 26° 9 | 20°21  | 23° 9  | 19°D 6 | 20°15 | 5°24 | n.a. |   |   |   |   |   |   |   |   |
| T 10 | 14 46 34 | 12°24'54 | 28°55 | 25°32  | 24°22 | 27°23 | 15°24 | 1°18 | 26°12 | 20°20  | 23°D 9 | 19° 6  | 20°12 | 5°30 | n.a. |   |   |   |   |   |   |   |   |
| W11  | 14 50 31 | 13°22'05 | 13♁ 4 | 25°38  | 25°29 | 27°59 | 15°38 | 1°25 | 26°14 | 20°18  | 23° 9  | 19°R 6 | 20° 9 | 5°37 | n.a. |   |   |   |   |   |   |   |   |
| T 12 | 14 54 27 | 14°19'16 | 27°11 | 25°49  | 26°35 | 28°35 | 15°51 | 1°33 | 26°17 | 20°17  | 23° 9  | 19° 5  | 20° 5 | 5°44 | n.a. |   |   |   |   |   |   |   |   |
| F 13 | 14 58 24 | 15°16'26 | 11♁15 | 26° 4  | 27°42 | 29°12 | 16° 4 | 1°41 | 26°19 | 20°15  | 23° 9  | 19° 3  | 20° 2 | 5°50 | n.a. |   |   |   |   |   |   |   |   |
| S 14 | 15 2 20  | 16°13'35 | 25°13 | 26°23  | 28°48 | 29°48 | 16°17 | 1°49 | 26°22 | 20°14  | 23° 9  | 18°58  | 19°59 | 5°57 | n.a. |   |   |   |   |   |   |   |   |
| S 15 | 15 6 17  | 17°10'43 | 9♁ 5  | 26°47  | 29°55 | 0♁24  | 16°30 | 1°56 | 26°24 | 20°13  | 23° 9  | 18°51  | 19°56 | 6° 4 | n.a. |   |   |   |   |   |   |   |   |
| M16  | 15 10 13 | 18° 7'51 | 22°47 | 27°16  | 1♁ 1  | 1° 1  | 16°43 | 2° 4 | 26°27 | 20°11  | 23° 9  | 18°42  | 19°53 | 6°10 | n.a. |   |   |   |   |   |   |   |   |
| T 17 | 15 14 10 | 19° 4'58 | 6♁17  | 27°49  | 2° 6  | 1°37  | 16°56 | 2°12 | 26°29 | 20°10  | 23°10  | 18°32  | 19°50 | 6°17 | n.a. |   |   |   |   |   |   |   |   |
| W18  | 15 18 6  | 20° 2'04 | 19°31 | 28°26  | 3°12  | 2°13  | 17° 9 | 2°19 | 26°32 | 20° 9  | 23°10  | 18°22  | 19°46 | 6°24 | n.a. |   |   |   |   |   |   |   |   |
| T 19 | 15 22 3  | 20°59'11 | 2♁29  | 29° 8  | 4°18  | 2°50  | 17°22 | 2°27 | 26°34 | 20° 7  | 23°10  | 18°14  | 19°43 | 6°30 | n.a. |   |   |   |   |   |   |   |   |
| F 20 | 15 26 0  | 21°56'17 | 15°10 | 29°54  | 5°23  | 3°26  | 17°35 | 2°35 | 26°36 | 20° 6  | 23°11  | 18° 7  | 19°40 | 6°37 | n.a. |   |   |   |   |   |   |   |   |
| S 21 | 15 29 56 | 22°53'23 | 27°34 | 0♁44   | 6°28  | 4° 3  | 17°48 | 2°42 | 26°38 | 20° 5  | 23°11  | 18° 3  | 19°37 | 6°44 | n.a. |   |   |   |   |   |   |   |   |
| S 22 | 15 33 53 | 23°50'29 | 9♁44  | 1°38   | 7°33  | 4°39  | 18° 1 | 2°50 | 26°41 | 20° 3  | 23°11  | 18° 1  | 19°34 | 6°50 | n.a. |   |   |   |   |   |   |   |   |
| M23  | 15 37 49 | 24°47'34 | 21°43 | 2°36   | 8°38  | 5°16  | 18°13 | 2°57 | 26°43 | 20° 2  | 23°12  | 18°D 1 | 19°31 | 6°57 | n.a. |   |   |   |   |   |   |   |   |
| T 24 | 15 41 46 | 25°44'40 | 3♁34  | 3°38   | 9°42  | 5°52  | 18°26 | 3° 5 | 26°45 | 20° 1  | 23°12  | 18° 1  | 19°27 | 7° 4 | n.a. |   |   |   |   |   |   |   |   |
| W25  | 15 45 42 | 26°41'46 | 15°23 | 4°44   | 10°46 | 6°29  | 18°39 | 3°12 | 26°47 | 19°59  | 23°13  | 18° 3  | 19°24 | 7°10 | n.a. |   |   |   |   |   |   |   |   |
| T 26 | 15 49 39 | 27°38'52 | 27°14 | 5°54   | 11°50 | 7° 6  | 18°51 | 3°20 | 26°49 | 19°58  | 23°13  | 18°R 3 | 19°21 | 7°17 | n.a. |   |   |   |   |   |   |   |   |
| F 27 | 15 53 35 | 28°35'58 | 9♁14  | 7° 7   | 12°54 | 7°42  | 19° 4 | 3°27 | 26°51 | 19°57  | 23°14  | 18° 2  | 19°18 | 7°24 | n.a. |   |   |   |   |   |   |   |   |
| S 28 | 15 57 32 | 29°33'04 | 21°26 | 8°25   | 13°58 | 8°19  | 19°16 | 3°35 | 26°53 | 19°56  | 23°14  | 18° 0  | 19°15 | 7°30 | n.a. |   |   |   |   |   |   |   |   |
| S 29 | 16 1 29  | 0♁30'10  | 3♂55  | 9°46   | 15° 1 | 8°56  | 19°28 | 3°42 | 26°55 | 19°55  | 23°15  | 17°56  | 19°11 | 7°37 | n.a. |   |   |   |   |   |   |   |   |
| M30  | 16 5 25  | 1°27'17  | 16°45 | 11°11  | 16° 4 | 9°33  | 19°40 | 3°49 | 26°57 | 19°54  | 23°15  | 17°50  | 19° 8 | 7°44 | n.a. |   |   |   |   |   |   |   |   |
| T 31 | 16 9 22  | 2♁24'24  | 29♂57 | 12♁39  | 17♁ 7 | 10♁10 | 19♂53 | 3♁57 | 26♂59 | 19♁53  | 23♁16  | 17♁43  | 19♁ 5 | 7♁50 | n.a. |   |   |   |   |   |   |   |   |

Delta T = 04h38m34s Julian Calendar 1 May 504 BCE == Greg. Calendar 25 Apr. 504 BCE

The year -503 astronomical counting style corresponds to year 504 B.C.E historical counting style.

JUNE 504 BCE (-503) JC

00:00 UT

| Day  | Sid.t    | ☉        | ☽     | ♀     | ♁     | ♂     | ♃     | ♄    | ♅     | ♆      | ♇     | ♈      | ♉     | ♊     | ♋    | ♌ | ♍ | ♎ | ♏ | ♐ | ♑ | ♒ | ♓ |
|------|----------|----------|-------|-------|-------|-------|-------|------|-------|--------|-------|--------|-------|-------|------|---|---|---|---|---|---|---|---|
| W 1  | 16 13 18 | 3♁21'31  | 13♁32 | 14♁11 | 18♁10 | 10♁46 | 20♂ 5 | 4♁ 4 | 27♂ 1 | 19°R51 | 23♁17 | 17°R36 | 19♁ 2 | 7♁57  | n.a. |   |   |   |   |   |   |   |   |
| T 2  | 16 17 15 | 4°18'39  | 27°28 | 15°46 | 19°12 | 11°23 | 20°17 | 4°11 | 27° 2 | 19♁50  | 23°17 | 17♁29  | 18°59 | 8° 3  | n.a. |   |   |   |   |   |   |   |   |
| F 3  | 16 21 11 | 5°15'46  | 11♁41 | 17°25 | 20°14 | 12° 0 | 20°29 | 4°18 | 27° 4 | 19°49  | 23°18 | 17°23  | 18°56 | 8°10  | n.a. |   |   |   |   |   |   |   |   |
| S 4  | 16 25 8  | 6°12'54  | 26° 6 | 19° 7 | 21°16 | 12°37 | 20°41 | 4°26 | 27° 6 | 19°48  | 23°19 | 17°20  | 18°52 | 8°17  | n.a. |   |   |   |   |   |   |   |   |
| S 5  | 16 29 4  | 7°10'02  | 10♁37 | 20°53 | 22°17 | 13°14 | 20°52 | 4°33 | 27° 7 | 19°47  | 23°20 | 17°D18 | 18°49 | 8°23  | n.a. |   |   |   |   |   |   |   |   |
| M 6  | 16 33 1  | 8° 7'10  | 25° 9 | 22°41 | 23°18 | 13°51 | 21° 4 | 4°40 | 27° 9 | 19°46  | 23°21 | 17°18  | 18°46 | 8°30  | n.a. |   |   |   |   |   |   |   |   |
| T 7  | 16 36 58 | 9° 4'18  | 9♁36  | 24°33 | 24°19 | 14°28 | 21°16 | 4°47 | 27°11 | 19°46  | 23°22 | 17°19  | 18°43 | 8°37  | n.a. |   |   |   |   |   |   |   |   |
| W 8  | 16 40 54 | 10° 1'26 | 23°56 | 26°27 | 25°20 | 15° 5 | 21°27 | 4°54 | 27°12 | 19°45  | 23°22 | 17°21  | 18°40 | 8°43  | n.a. |   |   |   |   |   |   |   |   |
| T 9  | 16 44 51 | 10°58'34 | 8♁ 6  | 28°24 | 26°20 | 15°42 | 21°39 | 5° 1 | 27°14 | 19°44  | 23°23 | 17°R22 | 18°37 | 8°50  | n.a. |   |   |   |   |   |   |   |   |
| F 10 | 16 48 47 | 11°55'42 | 22° 4 | 0♁23  | 27°20 | 16°20 | 21°50 | 5° 8 | 27°15 | 19°43  | 23°24 | 17°21  | 18°33 | 8°57  | n.a. |   |   |   |   |   |   |   |   |
| S 11 | 16 52 44 | 12°52'50 | 5♁49  | 2°24  | 28°19 | 16°57 | 22° 1 | 5°14 | 27°16 | 19°42  | 23°25 | 17°19  | 18°30 | 9° 3  | n.a. |   |   |   |   |   |   |   |   |
| S 12 | 16 56 40 | 13°49'59 | 19°22 | 4°27  | 29°19 | 17°34 | 22°13 | 5°21 | 27°18 | 19°41  | 23°26 | 17°16  | 18°27 | 9°10  | n.a. |   |   |   |   |   |   |   |   |
| M13  | 17 0 37  | 14°47'07 | 2♁41  | 6°32  | 0♁17  | 18°11 | 22°24 | 5°28 | 27°19 | 19°41  | 23°27 | 17°11  | 18°24 | 9°17  | n.a. |   |   |   |   |   |   |   |   |
| T 14 | 17 4 33  | 15°44'16 | 15°47 | 8°38  | 1°16  | 18°48 | 22°35 | 5°35 | 27°20 | 19°40  | 23°29 | 17° 7  | 18°21 | 9°23  | n.a. |   |   |   |   |   |   |   |   |
| W15  | 17 8 30  | 16°41'26 | 28°39 | 10°45 | 2°14  | 19°26 | 22°46 | 5°41 | 27°21 | 19°39  | 23°30 | 17° 2  | 18°17 | 9°30  | n.a. |   |   |   |   |   |   |   |   |
| T 16 | 17 12 27 | 17°38'36 | 11♁17 | 12°52 | 3°11  | 20° 3 | 22°56 | 5°48 | 27°23 | 19°38  | 23°31 | 16°57  | 18°14 | 9°37  | n.a. |   |   |   |   |   |   |   |   |
| F 17 | 17 16 23 | 18°35'46 | 23°43 | 15° 0 | 4° 8  | 20°40 | 23° 7 | 5°55 | 27°24 | 19°38  | 23°32 | 16°54  | 18°11 | 9°43  | n.a. |   |   |   |   |   |   |   |   |
| S 18 | 17 20 20 | 19°32'57 | 5♁56  | 17° 8 | 5° 5  | 21°18 | 23°18 | 6° 1 | 27°25 | 19°37  | 23°33 | 16°52  | 18° 8 | 9°50  | n.a. |   |   |   |   |   |   |   |   |
| S 19 | 17 24 16 | 20°30'09 | 17°58 | 19°16 | 6° 1  | 21°55 | 23°28 | 6° 7 | 27°26 | 19°37  | 23°34 | 16°D52 | 18° 5 | 9°57  | n.a. |   |   |   |   |   |   |   |   |
| M20  | 17 28 13 | 21°27'22 | 29°53 | 21°23 | 6°57  | 22°33 | 23°39 | 6°14 | 27°27 | 19°36  | 23°36 | 16°53  | 18° 2 | 10° 3 | n.a. |   |   |   |   |   |   |   |   |
| T 21 | 17 32 9  | 22°24'35 | 11♁42 | 23°30 | 7°52  | 23°10 | 23°49 | 6°20 | 27°28 | 19°35  | 23°37 | 16°54  | 17°58 | 10°10 | n.a. |   |   |   |   |   |   |   |   |
| W22  | 17 36 6  | 23°21'50 | 23°31 | 25°35 | 8°47  | 23°48 | 23°59 | 6°26 | 27°29 | 19°35  | 23°38 | 16°56  | 17°55 | 10°17 | n.a. |   |   |   |   |   |   |   |   |
| T 23 | 17 40 2  | 24°19'05 | 5♁22  | 27°40 | 9°41  | 24°25 | 24° 9 | 6°33 | 27°29 | 19°34  | 23°40 | 16°57  | 17°52 | 10°23 | n.a. |   |   |   |   |   |   |   |   |
| F 24 | 17 43 59 | 25°16'22 | 17°21 | 29°44 | 10°35 | 25° 3 | 24°20 | 6°39 | 27°30 | 19°34  | 23°41 | 16°58  | 17°49 | 10°30 | n.a. |   |   |   |   |   |   |   |   |
| S 25 | 17 47 56 | 26°13'40 | 29°32 | 1♁46  | 11°28 | 25°40 | 24°29 | 6°45 | 27°31 | 19°34  | 23°42 | 16°R58 | 17°46 | 10°37 | n.a. |   |   |   |   |   |   |   |   |
| S 26 | 17 51 52 | 27°10'58 | 12♂ 1 | 3°47  | 12°20 | 26°18 | 24°39 | 6°51 | 27°32 | 19°33  | 23°44 | 16°58  | 17°42 | 10°43 | n.a. |   |   |   |   |   |   |   |   |
| M27  | 17 55 49 | 28° 8'19 | 24°50 | 5°46  | 13°12 | 26°56 | 24°49 | 6°57 | 27°32 | 19°33  | 23°45 | 16°56  | 17°39 | 10°50 | n.a. |   |   |   |   |   |   |   |   |
| T 28 | 17 59 45 | 29° 5'40 | 8♁ 3  | 7°44  | 14° 3 | 27°33 | 24°59 | 7° 3 | 27°33 | 19°32  | 23°47 | 16°54  | 17°36 | 10°57 | n.a. |   |   |   |   |   |   |   |   |
| W29  | 18 3 42  | 0♁ 3'02  | 21°42 | 9°41  | 14°54 | 28°11 | 25° 8 | 7° 9 | 27°33 | 19°32  | 23°48 | 16°52  | 17°33 | 11° 3 | n.a. |   |   |   |   |   |   |   |   |
| T 30 | 18 7 38  | 1♁ 0'26  | 5♁46  | 11♁36 | 15♁44 | 28♁49 | 25♂17 | 7♁14 | 27♂34 | 19♁32  | 23♁50 | 16♁50  | 17♁30 | 11♁10 | n.a. |   |   |   |   |   |   |   |   |

Delta T = 04h38m32s

Julian Calendar

created from Swiss Ephemeris, Copyright Astrodiest AG [10.1.2003]

SWISS EPHEMERIS for the year 504 BCE

JULY 504 BCE (-503) JC

00:00 UT

| Day  | Sid.t    | ☉                   | ☽                   | ♀                   | ♁                   | ♂                   | ♃                   | ♄                  | ♅                   | ♆                   | ♇                   | ♈                   | ♉                   | ♊                   | ♋    | ♌ | ♍ | ♎ | ♏ | ♐ | ♑ | ♒ | ♓ |
|------|----------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|--------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|------|---|---|---|---|---|---|---|---|
| F 1  | 18 11 35 | 15 <sup>57</sup> 51 | 20 <sup>II</sup> 12 | 13 <sup>29</sup> 29 | 16 <sup>03</sup> 33 | 29 <sup>27</sup> 27 | 25 <sup>27</sup> 27 | 7 <sup>20</sup> 20 | 27 <sup>34</sup> 34 | 19 <sup>32</sup> 32 | 23 <sup>05</sup> 51 | 16 <sup>R48</sup>   | 17 <sup>27</sup> 27 | 11 <sup>17</sup> 17 | n.a. |   |   |   |   |   |   |   |   |
| S 2  | 18 15 31 | 2 <sup>55</sup> 18  | 4 <sup>55</sup> 55  | 15 <sup>21</sup> 21 | 17 <sup>22</sup> 22 | 0 <sup>0</sup> 5    | 25 <sup>36</sup> 36 | 7 <sup>26</sup> 26 | 27 <sup>35</sup> 35 | 19 <sup>31</sup> 31 | 23 <sup>53</sup> 53 | 16 <sup>347</sup>   | 17 <sup>23</sup> 23 | 11 <sup>23</sup> 23 | n.a. |   |   |   |   |   |   |   |   |
| S 3  | 18 19 28 | 3 <sup>52</sup> 45  | 19 <sup>48</sup> 48 | 17 <sup>11</sup> 11 | 18 <sup>10</sup> 10 | 0 <sup>43</sup> 43  | 25 <sup>45</sup> 45 | 7 <sup>31</sup> 31 | 27 <sup>35</sup> 35 | 19 <sup>31</sup> 31 | 23 <sup>54</sup> 54 | 16 <sup>D47</sup>   | 17 <sup>20</sup> 20 | 11 <sup>30</sup> 30 | n.a. |   |   |   |   |   |   |   |   |
| M 4  | 18 23 25 | 4 <sup>50</sup> 13  | 4 <sup>43</sup> 43  | 19 <sup>0</sup> 0   | 18 <sup>57</sup> 57 | 1 <sup>20</sup> 20  | 25 <sup>54</sup> 54 | 7 <sup>37</sup> 37 | 27 <sup>35</sup> 35 | 19 <sup>31</sup> 31 | 23 <sup>56</sup> 56 | 16 <sup>47</sup> 47 | 17 <sup>17</sup> 17 | 11 <sup>37</sup> 37 | n.a. |   |   |   |   |   |   |   |   |
| T 5  | 18 27 21 | 5 <sup>47</sup> 43  | 19 <sup>33</sup> 33 | 20 <sup>47</sup> 47 | 19 <sup>43</sup> 43 | 1 <sup>58</sup> 58  | 26 <sup>2</sup> 2   | 7 <sup>42</sup> 42 | 27 <sup>36</sup> 36 | 19 <sup>31</sup> 31 | 23 <sup>58</sup> 58 | 16 <sup>48</sup> 48 | 17 <sup>14</sup> 14 | 11 <sup>43</sup> 43 | n.a. |   |   |   |   |   |   |   |   |
| W 6  | 18 31 18 | 6 <sup>45</sup> 13  | 4 <sup>11</sup> 11  | 22 <sup>32</sup> 32 | 20 <sup>29</sup> 29 | 2 <sup>36</sup> 36  | 26 <sup>11</sup> 11 | 7 <sup>47</sup> 47 | 27 <sup>36</sup> 36 | 19 <sup>31</sup> 31 | 23 <sup>59</sup> 59 | 16 <sup>49</sup> 49 | 17 <sup>11</sup> 11 | 11 <sup>50</sup> 50 | n.a. |   |   |   |   |   |   |   |   |
| T 7  | 18 35 14 | 7 <sup>42</sup> 44  | 18 <sup>33</sup> 33 | 24 <sup>16</sup> 16 | 21 <sup>13</sup> 13 | 3 <sup>14</sup> 14  | 26 <sup>19</sup> 19 | 7 <sup>53</sup> 53 | 27 <sup>36</sup> 36 | 19 <sup>31</sup> 31 | 24 <sup>1</sup> 1   | 16 <sup>50</sup> 50 | 17 <sup>8</sup> 8   | 11 <sup>56</sup> 56 | n.a. |   |   |   |   |   |   |   |   |
| F 8  | 18 39 11 | 8 <sup>40</sup> 16  | 2 <sup>35</sup> 35  | 25 <sup>58</sup> 58 | 21 <sup>57</sup> 57 | 3 <sup>53</sup> 53  | 26 <sup>28</sup> 28 | 7 <sup>58</sup> 58 | 27 <sup>36</sup> 36 | 19 <sup>D31</sup>   | 24 <sup>3</sup> 3   | 16 <sup>R50</sup>   | 17 <sup>4</sup> 4   | 12 <sup>3</sup> 3   | n.a. |   |   |   |   |   |   |   |   |
| S 9  | 18 43 7  | 9 <sup>37</sup> 49  | 16 <sup>18</sup> 18 | 27 <sup>39</sup> 39 | 22 <sup>40</sup> 40 | 4 <sup>31</sup> 31  | 26 <sup>36</sup> 36 | 8 <sup>3</sup> 3   | 27 <sup>R36</sup>   | 19 <sup>31</sup> 31 | 24 <sup>4</sup> 4   | 16 <sup>50</sup> 50 | 17 <sup>1</sup> 1   | 12 <sup>10</sup> 10 | n.a. |   |   |   |   |   |   |   |   |
| S 10 | 18 47 4  | 10 <sup>35</sup> 23 | 29 <sup>40</sup> 40 | 29 <sup>18</sup> 18 | 23 <sup>21</sup> 21 | 5 <sup>9</sup> 9    | 26 <sup>44</sup> 44 | 8 <sup>8</sup> 8   | 27 <sup>36</sup> 36 | 19 <sup>31</sup> 31 | 24 <sup>6</sup> 6   | 16 <sup>50</sup> 50 | 16 <sup>58</sup> 58 | 12 <sup>16</sup> 16 | n.a. |   |   |   |   |   |   |   |   |
| M11  | 18 51 1  | 11 <sup>32</sup> 58 | 12 <sup>45</sup> 45 | 0 <sup>56</sup> 56  | 24 <sup>2</sup> 2   | 5 <sup>47</sup> 47  | 26 <sup>52</sup> 52 | 8 <sup>13</sup> 13 | 27 <sup>36</sup> 36 | 19 <sup>31</sup> 31 | 24 <sup>8</sup> 8   | 16 <sup>49</sup> 49 | 16 <sup>55</sup> 55 | 12 <sup>23</sup> 23 | n.a. |   |   |   |   |   |   |   |   |
| T12  | 18 54 57 | 12 <sup>30</sup> 35 | 25 <sup>32</sup> 32 | 2 <sup>32</sup> 32  | 24 <sup>42</sup> 42 | 6 <sup>25</sup> 25  | 27 <sup>0</sup> 0   | 8 <sup>18</sup> 18 | 27 <sup>36</sup> 36 | 19 <sup>31</sup> 31 | 24 <sup>10</sup> 10 | 16 <sup>49</sup> 49 | 16 <sup>52</sup> 52 | 12 <sup>30</sup> 30 | n.a. |   |   |   |   |   |   |   |   |
| W13  | 18 58 54 | 13 <sup>28</sup> 12 | 8 <sup>6</sup> 6    | 4 <sup>7</sup> 7    | 25 <sup>20</sup> 20 | 7 <sup>3</sup> 3    | 27 <sup>7</sup> 7   | 8 <sup>23</sup> 23 | 27 <sup>36</sup> 36 | 19 <sup>31</sup> 31 | 24 <sup>11</sup> 11 | 16 <sup>48</sup> 48 | 16 <sup>48</sup> 48 | 12 <sup>36</sup> 36 | n.a. |   |   |   |   |   |   |   |   |
| T14  | 19 2 50  | 14 <sup>25</sup> 51 | 20 <sup>26</sup> 26 | 5 <sup>40</sup> 40  | 25 <sup>58</sup> 58 | 7 <sup>42</sup> 42  | 27 <sup>15</sup> 15 | 8 <sup>27</sup> 27 | 27 <sup>36</sup> 36 | 19 <sup>32</sup> 32 | 24 <sup>13</sup> 13 | 16 <sup>48</sup> 48 | 16 <sup>45</sup> 45 | 12 <sup>43</sup> 43 | n.a. |   |   |   |   |   |   |   |   |
| F15  | 19 6 47  | 15 <sup>23</sup> 31 | 2 <sup>36</sup> 36  | 7 <sup>12</sup> 12  | 26 <sup>34</sup> 34 | 8 <sup>20</sup> 20  | 27 <sup>22</sup> 22 | 8 <sup>32</sup> 32 | 27 <sup>35</sup> 35 | 19 <sup>32</sup> 32 | 24 <sup>15</sup> 15 | 16 <sup>48</sup> 48 | 16 <sup>42</sup> 42 | 12 <sup>50</sup> 50 | n.a. |   |   |   |   |   |   |   |   |
| S16  | 19 10 43 | 16 <sup>21</sup> 13 | 14 <sup>38</sup> 38 | 8 <sup>42</sup> 42  | 27 <sup>9</sup> 9   | 8 <sup>58</sup> 58  | 27 <sup>30</sup> 30 | 8 <sup>37</sup> 37 | 27 <sup>35</sup> 35 | 19 <sup>32</sup> 32 | 24 <sup>17</sup> 17 | 16 <sup>48</sup> 48 | 16 <sup>39</sup> 39 | 12 <sup>56</sup> 56 | n.a. |   |   |   |   |   |   |   |   |
| S17  | 19 14 40 | 17 <sup>18</sup> 56 | 26 <sup>33</sup> 33 | 10 <sup>11</sup> 11 | 27 <sup>42</sup> 42 | 9 <sup>37</sup> 37  | 27 <sup>37</sup> 37 | 8 <sup>41</sup> 41 | 27 <sup>35</sup> 35 | 19 <sup>32</sup> 32 | 24 <sup>19</sup> 19 | 16 <sup>48</sup> 48 | 16 <sup>36</sup> 36 | 13 <sup>3</sup> 3   | n.a. |   |   |   |   |   |   |   |   |
| M18  | 19 18 36 | 18 <sup>16</sup> 41 | 8 <sup>24</sup> 24  | 11 <sup>38</sup> 38 | 28 <sup>15</sup> 15 | 10 <sup>15</sup> 15 | 27 <sup>44</sup> 44 | 8 <sup>45</sup> 45 | 27 <sup>34</sup> 34 | 19 <sup>33</sup> 33 | 24 <sup>21</sup> 21 | 16 <sup>48</sup> 48 | 16 <sup>33</sup> 33 | 13 <sup>10</sup> 10 | n.a. |   |   |   |   |   |   |   |   |
| T19  | 19 22 33 | 19 <sup>14</sup> 27 | 20 <sup>12</sup> 12 | 13 <sup>3</sup> 3   | 28 <sup>45</sup> 45 | 10 <sup>54</sup> 54 | 27 <sup>50</sup> 50 | 8 <sup>50</sup> 50 | 27 <sup>34</sup> 34 | 19 <sup>33</sup> 33 | 24 <sup>23</sup> 23 | 16 <sup>47</sup> 47 | 16 <sup>29</sup> 29 | 13 <sup>16</sup> 16 | n.a. |   |   |   |   |   |   |   |   |
| W20  | 19 26 30 | 20 <sup>12</sup> 15 | 2 <sup>1</sup> 1    | 14 <sup>27</sup> 27 | 29 <sup>15</sup> 15 | 11 <sup>32</sup> 32 | 27 <sup>57</sup> 57 | 8 <sup>54</sup> 54 | 27 <sup>33</sup> 33 | 19 <sup>33</sup> 33 | 24 <sup>25</sup> 25 | 16 <sup>47</sup> 47 | 16 <sup>26</sup> 26 | 13 <sup>23</sup> 23 | n.a. |   |   |   |   |   |   |   |   |
| T21  | 19 30 26 | 21 <sup>10</sup> 04 | 13 <sup>54</sup> 54 | 15 <sup>49</sup> 49 | 29 <sup>43</sup> 43 | 12 <sup>11</sup> 11 | 28 <sup>4</sup> 4   | 8 <sup>58</sup> 58 | 27 <sup>33</sup> 33 | 19 <sup>34</sup> 34 | 24 <sup>27</sup> 27 | 16 <sup>46</sup> 46 | 16 <sup>23</sup> 23 | 13 <sup>30</sup> 30 | n.a. |   |   |   |   |   |   |   |   |
| F22  | 19 34 23 | 22 <sup>7</sup> 56  | 25 <sup>54</sup> 54 | 17 <sup>10</sup> 10 | 0 <sup>9</sup> 9    | 12 <sup>49</sup> 49 | 28 <sup>10</sup> 10 | 9 <sup>2</sup> 2   | 27 <sup>32</sup> 32 | 19 <sup>34</sup> 34 | 24 <sup>29</sup> 29 | 16 <sup>46</sup> 46 | 16 <sup>20</sup> 20 | 13 <sup>36</sup> 36 | n.a. |   |   |   |   |   |   |   |   |
| S23  | 19 38 19 | 23 <sup>5</sup> 49  | 8 <sup>5</sup> 5    | 18 <sup>29</sup> 29 | 0 <sup>34</sup> 34  | 13 <sup>28</sup> 28 | 28 <sup>16</sup> 16 | 9 <sup>6</sup> 6   | 27 <sup>32</sup> 32 | 19 <sup>35</sup> 35 | 24 <sup>31</sup> 31 | 16 <sup>45</sup> 45 | 16 <sup>17</sup> 17 | 13 <sup>43</sup> 43 | n.a. |   |   |   |   |   |   |   |   |
| S24  | 19 42 16 | 24 <sup>3</sup> 44  | 20 <sup>31</sup> 31 | 19 <sup>46</sup> 46 | 0 <sup>57</sup> 57  | 14 <sup>6</sup> 6   | 28 <sup>22</sup> 22 | 9 <sup>10</sup> 10 | 27 <sup>31</sup> 31 | 19 <sup>35</sup> 35 | 24 <sup>33</sup> 33 | 16 <sup>D45</sup>   | 16 <sup>14</sup> 14 | 13 <sup>50</sup> 50 | n.a. |   |   |   |   |   |   |   |   |
| M25  | 19 46 12 | 25 <sup>1</sup> 41  | 3 <sup>16</sup> 16  | 21 <sup>2</sup> 2   | 1 <sup>19</sup> 19  | 14 <sup>45</sup> 45 | 28 <sup>28</sup> 28 | 9 <sup>14</sup> 14 | 27 <sup>30</sup> 30 | 19 <sup>36</sup> 36 | 24 <sup>35</sup> 35 | 16 <sup>45</sup> 45 | 16 <sup>10</sup> 10 | 13 <sup>56</sup> 56 | n.a. |   |   |   |   |   |   |   |   |
| T26  | 19 50 9  | 25 <sup>59</sup> 41 | 16 <sup>24</sup> 24 | 22 <sup>15</sup> 15 | 1 <sup>38</sup> 38  | 15 <sup>24</sup> 24 | 28 <sup>34</sup> 34 | 9 <sup>17</sup> 17 | 27 <sup>29</sup> 29 | 19 <sup>36</sup> 36 | 24 <sup>37</sup> 37 | 16 <sup>46</sup> 46 | 16 <sup>7</sup> 7   | 14 <sup>3</sup> 3   | n.a. |   |   |   |   |   |   |   |   |
| W27  | 19 54 5  | 26 <sup>57</sup> 42 | 29 <sup>57</sup> 57 | 23 <sup>27</sup> 27 | 1 <sup>56</sup> 56  | 16 <sup>3</sup> 3   | 28 <sup>39</sup> 39 | 9 <sup>21</sup> 21 | 27 <sup>29</sup> 29 | 19 <sup>37</sup> 37 | 24 <sup>39</sup> 39 | 16 <sup>46</sup> 46 | 16 <sup>4</sup> 4   | 14 <sup>10</sup> 10 | n.a. |   |   |   |   |   |   |   |   |
| T28  | 19 58 2  | 27 <sup>55</sup> 45 | 13 <sup>57</sup> 57 | 24 <sup>37</sup> 37 | 2 <sup>12</sup> 12  | 16 <sup>41</sup> 41 | 28 <sup>45</sup> 45 | 9 <sup>24</sup> 24 | 27 <sup>28</sup> 28 | 19 <sup>38</sup> 38 | 24 <sup>41</sup> 41 | 16 <sup>47</sup> 47 | 16 <sup>1</sup> 1   | 14 <sup>16</sup> 16 | n.a. |   |   |   |   |   |   |   |   |
| F29  | 20 1 59  | 28 <sup>53</sup> 51 | 28 <sup>23</sup> 23 | 25 <sup>44</sup> 44 | 2 <sup>26</sup> 26  | 17 <sup>20</sup> 20 | 28 <sup>50</sup> 50 | 9 <sup>28</sup> 28 | 27 <sup>27</sup> 27 | 19 <sup>38</sup> 38 | 24 <sup>43</sup> 43 | 16 <sup>48</sup> 48 | 15 <sup>58</sup> 58 | 14 <sup>23</sup> 23 | n.a. |   |   |   |   |   |   |   |   |
| S30  | 20 5 55  | 29 <sup>51</sup> 58 | 13 <sup>10</sup> 10 | 26 <sup>49</sup> 49 | 2 <sup>38</sup> 38  | 17 <sup>59</sup> 59 | 28 <sup>55</sup> 55 | 9 <sup>31</sup> 31 | 27 <sup>26</sup> 26 | 19 <sup>39</sup> 39 | 24 <sup>45</sup> 45 | 16 <sup>R49</sup>   | 15 <sup>54</sup> 54 | 14 <sup>30</sup> 30 | n.a. |   |   |   |   |   |   |   |   |
| S31  | 20 9 52  | 0 <sup>50</sup> 07  | 28 <sup>14</sup> 14 | 27 <sup>0</sup> 52  | 2 <sup>48</sup> 48  | 18 <sup>0</sup> 38  | 29 <sup>0</sup> 0   | 9 <sup>34</sup> 34 | 27 <sup>25</sup> 25 | 19 <sup>40</sup> 40 | 24 <sup>47</sup> 47 | 16 <sup>348</sup>   | 15 <sup>351</sup>   | 14 <sup>336</sup>   | n.a. |   |   |   |   |   |   |   |   |

Delta T = 04h38m31s Julian Calendar 1 July 504 BCE == Greg. Calendar 25 June 504 BCE  
 The year -503 astronomical counting style corresponds to year 504 B.C.E historical counting style.

AUGUST 504 BCE (-503) JC

00:00 UT

| Day | Sid.t    | ☉                   | ☽                   | ♀                   | ♁                  | ♂                   | ♃                   | ♄                  | ♅                   | ♆                   | ♇                   | ♈                   | ♉                   | ♊                   | ♋    | ♌ | ♍ | ♎ | ♏ | ♐ | ♑ | ♒ | ♓ |
|-----|----------|---------------------|---------------------|---------------------|--------------------|---------------------|---------------------|--------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|------|---|---|---|---|---|---|---|---|
| M 1 | 20 13 48 | 1 <sup>48</sup> 18  | 13 <sup>0</sup> 25  | 28 <sup>0</sup> 53  | 2 <sup>56</sup> 56 | 19 <sup>0</sup> 17  | 29 <sup>4</sup> 4   | 9 <sup>37</sup> 37 | 27 <sup>R24</sup>   | 19 <sup>40</sup> 40 | 24 <sup>0</sup> 49  | 16 <sup>R48</sup>   | 15 <sup>348</sup>   | 14 <sup>43</sup> 43 | n.a. |   |   |   |   |   |   |   |   |
| T 2 | 20 17 45 | 2 <sup>46</sup> 31  | 28 <sup>34</sup> 34 | 29 <sup>51</sup> 51 | 3 <sup>2</sup> 2   | 19 <sup>56</sup> 56 | 29 <sup>9</sup> 9   | 9 <sup>40</sup> 40 | 27 <sup>23</sup> 23 | 19 <sup>41</sup> 41 | 24 <sup>51</sup> 51 | 16 <sup>346</sup>   | 15 <sup>45</sup> 45 | 14 <sup>50</sup> 50 | n.a. |   |   |   |   |   |   |   |   |
| W 3 | 20 21 41 | 3 <sup>44</sup> 45  | 13 <sup>31</sup> 31 | 0 <sup>46</sup> 46  | 3 <sup>5</sup> 5   | 20 <sup>35</sup> 35 | 29 <sup>13</sup> 13 | 9 <sup>43</sup> 43 | 27 <sup>21</sup> 21 | 19 <sup>42</sup> 42 | 24 <sup>53</sup> 53 | 16 <sup>44</sup> 44 | 15 <sup>42</sup> 42 | 14 <sup>56</sup> 56 | n.a. |   |   |   |   |   |   |   |   |
| T 4 | 20 25 38 | 4 <sup>43</sup> 01  | 2 <sup>8</sup> 9    | 1 <sup>38</sup> 38  | 3 <sup>R</sup> 6   | 21 <sup>14</sup> 14 | 29 <sup>17</sup> 17 | 9 <sup>46</sup> 46 | 27 <sup>20</sup> 20 | 19 <sup>43</sup> 43 | 24 <sup>56</sup> 56 | 16 <sup>42</sup> 42 | 15 <sup>39</sup> 39 | 15 <sup>3</sup> 3   | n.a. |   |   |   |   |   |   |   |   |
| F 5 | 20 29 34 | 5 <sup>41</sup> 19  | 12 <sup>23</sup> 23 | 2 <sup>28</sup> 28  | 3 <sup>5</sup> 5   | 21 <sup>53</sup> 53 | 29 <sup>21</sup> 21 | 9 <sup>49</sup> 49 | 27 <sup>19</sup> 19 | 19 <sup>44</sup> 44 | 24 <sup>58</sup> 58 | 16 <sup>40</sup> 40 | 15 <sup>35</sup> 35 | 15 <sup>10</sup> 10 | n.a. |   |   |   |   |   |   |   |   |
| S 6 | 20 33 31 | 6 <sup>39</sup> 38  | 26 <sup>11</sup> 11 | 3 <sup>13</sup> 13  | 3 <sup>1</sup> 1   | 22 <sup>32</sup> 32 | 29 <sup>25</sup> 25 | 9 <sup>51</sup> 51 | 27 <sup>18</sup> 18 | 19 <sup>45</sup> 45 | 25 <sup>0</sup> 0   | 16 <sup>39</sup> 39 | 15 <sup>32</sup> 32 | 15 <sup>16</sup> 16 | n.a. |   |   |   |   |   |   |   |   |
| S 7 | 20 37 28 | 7 <sup>37</sup> 59  | 9 <sup>11</sup> 33  | 3 <sup>56</sup> 56  | 2 <sup>56</sup> 56 | 23 <sup>12</sup> 12 | 29 <sup>29</sup> 29 | 9 <sup>54</sup> 54 | 27 <sup>17</sup> 17 | 19 <sup>46</sup> 46 | 25 <sup>2</sup> 2   | 16 <sup>D38</sup>   | 15 <sup>29</sup> 29 | 15 <sup>23</sup> 23 | n.a. |   |   |   |   |   |   |   |   |
| M 8 | 20 41 24 | 8 <sup>36</sup> 22  | 22 <sup>31</sup> 31 | 4 <sup>34</sup> 34  | 2 <sup>47</sup> 47 | 23 <sup>51</sup> 51 | 29 <sup>32</sup> 32 | 9 <sup>56</sup> 56 | 27 <sup>15</sup> 15 | 19 <sup>47</sup> 47 | 25 <sup>4</sup> 4   | 16 <sup>39</sup> 39 | 15 <sup>26</sup> 26 | 15 <sup>30</sup> 30 | n.a. |   |   |   |   |   |   |   |   |
| T 9 | 20 45 21 | 9 <sup>34</sup> 47  | 5 <sup>7</sup> 9    | 5 <sup>8</sup> 8    | 2 <sup>36</sup> 36 | 24 <sup>30</sup> 30 | 29 <sup>35</sup> 35 | 9 <sup>59</sup> 59 | 27 <sup>14</sup> 14 | 19 <sup>48</sup> 48 | 25 <sup>6</sup> 6   | 16 <sup>40</sup> 40 | 15 <sup>23</sup> 23 | 15 <sup>36</sup> 36 | n.a. |   |   |   |   |   |   |   |   |
| W10 | 20 49 17 | 10 <sup>33</sup> 13 | 17 <sup>31</sup> 31 | 5 <sup>38</sup> 38  | 2 <sup>23</sup> 23 | 25 <sup>9</sup> 9   | 29 <sup>38</sup> 38 | 10 <sup>1</sup> 1  | 27 <sup>12</sup> 12 | 19 <sup>49</sup> 49 | 25 <sup>9</sup> 9   | 16 <sup>42</sup> 42 | 15 <sup>20</sup> 20 | 15 <sup>43</sup> 43 | n.a. |   |   |   |   |   |   |   |   |
| T11 | 20 53 14 | 11 <sup>31</sup> 41 | 29 <sup>39</sup> 39 | 6 <sup>3</sup> 3    | 2 <sup>8</sup> 8   | 25 <sup>49</sup> 49 | 29 <sup>41</sup> 41 | 10 <sup>3</sup> 3  | 27 <sup>11</sup> 11 | 19 <sup>50</sup> 50 | 25 <sup>11</sup> 11 | 16 <sup>43</sup> 43 | 15 <sup>16</sup> 16 | 15 <sup>50</sup> 50 | n.a. |   |   |   |   |   |   |   |   |
| F12 | 20 57 10 | 12 <sup>30</sup> 11 | 11 <sup>38</sup> 38 | 6 <sup>24</sup> 24  | 1 <sup>50</sup> 50 | 26 <sup>28</sup> 28 | 29 <sup>44</sup> 44 | 10 <sup>5</sup> 5  | 27 <sup>9</sup> 9   | 19 <sup>51</sup> 51 | 25 <sup>13</sup> 13 | 16 <sup>R44</sup>   | 15 <sup>13</sup> 13 | 15 <sup>56</sup> 56 | n.a. |   |   |   |   |   |   |   |   |
| S13 | 21 1 7   | 13 <sup>28</sup> 42 | 23 <sup>32</sup> 32 | 6 <sup>38</sup> 38  | 1 <sup>30</sup> 30 | 27 <sup>8</sup> 8   | 29 <sup>46</sup> 46 | 10 <sup>7</sup> 7  | 27 <sup>8</sup> 8   | 19 <sup>52</sup> 52 | 25 <sup>15</sup> 15 | 16 <sup>44</sup> 44 | 15 <sup>10</sup> 10 | 16 <sup>3</sup> 3   | n.a. |   |   |   |   |   |   |   |   |

SWISS EPHEMERIS for the year 504 BCE

SEPTEMBER 504 BCE (-503) JC

00:00 UT

| Day  | Sid.t    | ☉        | ☽     | ♀      | ♁      | ♂     | ♃      | ♄      | ♅      | ♆     | ♇     | ♈      | ♉     | ♊     | ♋    | ♌ | ♍ |
|------|----------|----------|-------|--------|--------|-------|--------|--------|--------|-------|-------|--------|-------|-------|------|---|---|
| T 1  | 22 16 1  | 2♎ 7'43  | 6♌49  | 23°R50 | 21°R12 | 9♎45  | 29°R56 | 10°R21 | 26°R32 | 20♌19 | 25♏58 | 15°R48 | 14♌10 | 18♌10 | n.a. |   |   |
| F 2  | 22 19 58 | 3° 6'59  | 21°14 | 23♏ 6  | 20♏41  | 10°25 | 29°Y55 | 10♌21  | 26♋30  | 20°20 | 26° 1 | 15♌41  | 14° 6 | 18°16 | n.a. |   |   |
| S 3  | 22 23 55 | 4° 6'18  | 5♎12  | 22°31  | 20°12  | 11° 6 | 29°53  | 10°20  | 26°27  | 20°22 | 26° 3 | 15°36  | 14° 3 | 18°23 | n.a. |   |   |
| S 4  | 22 27 51 | 5° 5'38  | 18°40 | 22° 6  | 19°45  | 11°46 | 29°51  | 10°20  | 26°25  | 20°24 | 26° 5 | 15°32  | 14° 0 | 18°30 | n.a. |   |   |
| M 5  | 22 31 48 | 6° 5'00  | 1♌40  | 21°51  | 19°20  | 12°27 | 29°49  | 10°19  | 26°23  | 20°25 | 26° 7 | 15°D31 | 13°57 | 18°36 | n.a. |   |   |
| T 6  | 22 35 44 | 7° 4'23  | 14°16 | 21°D47 | 18°57  | 13° 7 | 29°47  | 10°18  | 26°21  | 20°27 | 26°10 | 15°31  | 13°54 | 18°43 | n.a. |   |   |
| W 7  | 22 39 41 | 8° 3'49  | 26°34 | 21°54  | 18°36  | 13°48 | 29°44  | 10°17  | 26°18  | 20°29 | 26°12 | 15°32  | 13°51 | 18°50 | n.a. |   |   |
| T 8  | 22 43 37 | 9° 3'17  | 8♌37  | 22°12  | 18°18  | 14°28 | 29°42  | 10°16  | 26°16  | 20°31 | 26°14 | 15°33  | 13°47 | 18°56 | n.a. |   |   |
| F 9  | 22 47 34 | 10° 2'46 | 20°31 | 22°39  | 18° 2  | 15° 9 | 29°39  | 10°15  | 26°14  | 20°32 | 26°16 | 15°R33 | 13°44 | 19° 3 | n.a. |   |   |
| S 10 | 22 51 30 | 11° 2'18 | 2♌20  | 23°16  | 17°48  | 15°49 | 29°36  | 10°14  | 26°11  | 20°34 | 26°18 | 15°31  | 13°41 | 19°10 | n.a. |   |   |
| S 11 | 22 55 27 | 12° 1'51 | 14° 7 | 24° 2  | 17°36  | 16°30 | 29°33  | 10°13  | 26° 9  | 20°36 | 26°21 | 15°27  | 13°38 | 19°16 | n.a. |   |   |
| M12  | 22 59 24 | 13° 1'27 | 25°57 | 24°55  | 17°27  | 17°11 | 29°29  | 10°11  | 26° 7  | 20°38 | 26°23 | 15°21  | 13°35 | 19°23 | n.a. |   |   |
| T 13 | 23 3 20  | 14° 1'04 | 7♋52  | 25°57  | 17°21  | 17°52 | 29°25  | 10°10  | 26° 4  | 20°40 | 26°25 | 15°12  | 13°32 | 19°30 | n.a. |   |   |
| W14  | 23 7 17  | 15° 0'44 | 19°52 | 27° 4  | 17°17  | 18°32 | 29°22  | 10° 8  | 26° 2  | 20°42 | 26°27 | 15° 1  | 13°28 | 19°36 | n.a. |   |   |
| T 15 | 23 11 13 | 16° 0'25 | 2°Y 0 | 28°17  | 17°D15 | 19°13 | 29°18  | 10° 6  | 26° 0  | 20°44 | 26°29 | 14°49  | 13°25 | 19°43 | n.a. |   |   |
| F 16 | 23 15 10 | 17° 0'09 | 14°16 | 29°35  | 17°16  | 19°54 | 29°13  | 10° 4  | 25°57  | 20°46 | 26°32 | 14°38  | 13°22 | 19°50 | n.a. |   |   |
| S 17 | 23 19 6  | 17°59'55 | 26°41 | 0♎58   | 17°19  | 20°35 | 29° 9  | 10° 2  | 25°55  | 20°48 | 26°34 | 14°27  | 13°19 | 19°56 | n.a. |   |   |
| S 18 | 23 23 3  | 18°59'44 | 9♌17  | 2°24   | 17°24  | 21°16 | 29° 5  | 10° 0  | 25°52  | 20°50 | 26°36 | 14°19  | 13°16 | 20° 3 | n.a. |   |   |
| M19  | 23 26 59 | 19°59'34 | 22° 6 | 3°53   | 17°32  | 21°57 | 29° 0  | 9°58   | 25°50  | 20°52 | 26°38 | 14°13  | 13°12 | 20°10 | n.a. |   |   |
| T 20 | 23 30 56 | 20°59'27 | 5♎ 9  | 5°25   | 17°42  | 22°38 | 28°55  | 9°56   | 25°47  | 20°54 | 26°40 | 14° 9  | 13° 9 | 20°16 | n.a. |   |   |
| W21  | 23 34 52 | 21°59'23 | 18°29 | 6°58   | 17°54  | 23°19 | 28°50  | 9°53   | 25°45  | 20°56 | 26°42 | 14°D 8 | 13° 6 | 20°23 | n.a. |   |   |
| T 22 | 23 38 49 | 22°59'21 | 2♌ 8  | 8°34   | 18° 9  | 24° 1 | 28°45  | 9°51   | 25°43  | 20°58 | 26°44 | 14° 8  | 13° 3 | 20°30 | n.a. |   |   |
| F 23 | 23 42 46 | 23°59'21 | 16° 7 | 10°10  | 18°25  | 24°42 | 28°39  | 9°48   | 25°40  | 21° 0 | 26°46 | 14°R 8 | 13° 0 | 20°37 | n.a. |   |   |
| S 24 | 23 46 42 | 24°59'23 | 0♏28  | 11°48  | 18°43  | 25°23 | 28°34  | 9°45   | 25°38  | 21° 2 | 26°48 | 14° 8  | 12°57 | 20°43 | n.a. |   |   |
| S 25 | 23 50 39 | 25°59'28 | 15° 8 | 13°27  | 19° 4  | 26° 5 | 28°28  | 9°43   | 25°35  | 21° 4 | 26°51 | 14° 4  | 12°53 | 20°50 | n.a. |   |   |
| M26  | 23 54 35 | 26°59'35 | 0♎ 3  | 15° 6  | 19°26  | 26°46 | 28°22  | 9°40   | 25°33  | 21° 6 | 26°53 | 13°58  | 12°50 | 20°57 | n.a. |   |   |
| T 27 | 23 58 32 | 27°59'44 | 15° 5 | 16°45  | 19°50  | 27°27 | 28°16  | 9°37   | 25°30  | 21° 8 | 26°55 | 13°50  | 12°47 | 21° 3 | n.a. |   |   |
| W28  | 0 2 28   | 28°59'55 | 0♌ 5  | 18°25  | 20°16  | 28° 9 | 28°10  | 9°34   | 25°28  | 21°10 | 26°57 | 13°39  | 12°44 | 21°10 | n.a. |   |   |
| T 29 | 0 6 25   | 0♌ 0'08  | 14°54 | 20° 5  | 20°44  | 28°50 | 28° 3  | 9°30   | 25°25  | 21°12 | 26°59 | 13°28  | 12°41 | 21°17 | n.a. |   |   |
| F 30 | 0 10 21  | 1♌ 0'23  | 29♌22 | 21♎44  | 21♏13  | 29♎32 | 27°Y57 | 9♌27   | 25♋23  | 21♌14 | 27♏ 1 | 13♌16  | 12♌37 | 21♌23 | n.a. |   |   |

Delta T = 04h38m27s Julian Calendar 1 Sept. 504 BCE == Greg. Calendar 26 Aug. 504 BCE

The year -503 astronomical counting style corresponds to year 504 B.C.E historical counting style.

OCTOBER 504 BCE (-503) JC

00:00 UT

| Day  | Sid.t   | ☉        | ☽      | ♀     | ♁     | ♂     | ♃      | ♄     | ♅      | ♆     | ♇     | ♈      | ♉     | ♊     | ♋    | ♌ | ♍ |
|------|---------|----------|--------|-------|-------|-------|--------|-------|--------|-------|-------|--------|-------|-------|------|---|---|
| S 1  | 0 14 18 | 2♌ 0'39  | 13♎24  | 23♎24 | 21♏43 | 0♌14  | 27°R50 | 9°R24 | 25°R20 | 21♌17 | 27♏ 3 | 13°R 7 | 12♌34 | 21♌30 | n.a. |   |   |
| S 2  | 0 18 15 | 3° 0'57  | 26°58  | 25° 4 | 22°16 | 0°55  | 27°Y44 | 9♌20  | 25♋18  | 21°19 | 27° 4 | 13♌ 0  | 12°31 | 21°37 | n.a. |   |   |
| M 3  | 0 22 11 | 4° 1'17  | 10♌ 3  | 26°43 | 22°49 | 1°37  | 27°37  | 9°17  | 25°16  | 21°21 | 27° 6 | 12°56  | 12°28 | 21°43 | n.a. |   |   |
| T 4  | 0 26 8  | 5° 1'39  | 22°43  | 28°22 | 23°24 | 2°19  | 27°30  | 9°13  | 25°13  | 21°23 | 27° 8 | 12°54  | 12°25 | 21°50 | n.a. |   |   |
| W 5  | 0 30 4  | 6° 2'02  | 5♌ 2   | 0♌ 1  | 24° 1 | 3° 1  | 27°23  | 9°10  | 25°11  | 21°25 | 27°10 | 12°53  | 12°22 | 21°57 | n.a. |   |   |
| T 6  | 0 34 1  | 7° 2'27  | 17° 5  | 1°39  | 24°39 | 3°42  | 27°15  | 9° 6  | 25° 8  | 21°27 | 27°12 | 12°53  | 12°18 | 22° 3 | n.a. |   |   |
| F 7  | 0 37 57 | 8° 2'53  | 28°58  | 3°17  | 25°18 | 4°24  | 27° 8  | 9° 2  | 25° 6  | 21°30 | 27°14 | 12°52  | 12°15 | 22°10 | n.a. |   |   |
| S 8  | 0 41 54 | 9° 3'21  | 10♌47  | 4°55  | 25°58 | 5° 6  | 27° 1  | 8°58  | 25° 4  | 21°32 | 27°16 | 12°50  | 12°12 | 22°17 | n.a. |   |   |
| S 9  | 0 45 50 | 10° 3'50 | 22°35  | 6°33  | 26°39 | 5°48  | 26°53  | 8°54  | 25° 1  | 21°34 | 27°17 | 12°45  | 12° 9 | 22°23 | n.a. |   |   |
| M10  | 0 49 47 | 11° 4'20 | 4♋28   | 8°10  | 27°22 | 6°30  | 26°46  | 8°50  | 24°59  | 21°36 | 27°19 | 12°37  | 12° 6 | 22°30 | n.a. |   |   |
| T 11 | 0 53 44 | 12° 4'53 | 16°28  | 9°47  | 28° 6 | 7°12  | 26°38  | 8°46  | 24°57  | 21°38 | 27°21 | 12°26  | 12° 3 | 22°37 | n.a. |   |   |
| W12  | 0 57 40 | 13° 5'26 | 28°37  | 11°23 | 28°50 | 7°54  | 26°30  | 8°42  | 24°54  | 21°41 | 27°23 | 12°13  | 11°59 | 22°43 | n.a. |   |   |
| T 13 | 1 1 37  | 14° 6'01 | 10°Y58 | 13° 0 | 29°36 | 8°37  | 26°22  | 8°38  | 24°52  | 21°43 | 27°24 | 11°58  | 11°56 | 22°50 | n.a. |   |   |
| F 14 | 1 5 33  | 15° 6'38 | 23°29  | 14°35 | 0♎23  | 9°19  | 26°15  | 8°33  | 24°50  | 21°45 | 27°26 | 11°44  | 11°53 | 22°57 | n.a. |   |   |
| S 15 | 1 9 30  | 16° 7'17 | 6♌12   | 16°11 | 1°10  | 10° 1 | 26° 7  | 8°29  | 24°47  | 21°47 | 27°28 | 11°31  | 11°50 | 23° 3 | n.a. |   |   |
| S 16 | 1 13 26 | 17° 7'57 | 19° 6  | 17°47 | 1°59  | 10°43 | 25°59  | 8°24  | 24°45  | 21°50 | 27°29 | 11°20  | 11°47 | 23°10 | n.a. |   |   |
| M17  | 1 17 23 | 18° 8'39 | 2♎11   | 19°22 | 2°48  | 11°26 | 25°51  | 8°20  | 24°43  | 21°52 | 27°31 | 11°13  | 11°43 | 23°17 | n.a. |   |   |
| T 18 | 1 21 19 | 19° 9'23 | 15°26  | 20°57 | 3°38  | 12° 8 | 25°43  | 8°15  | 24°41  | 21°54 | 27°33 | 11° 8  | 11°40 | 23°23 | n.a. |   |   |
| W19  | 1 25 16 | 20°10'08 | 28°53  | 22°31 | 4°30  | 12°51 | 25°34  | 8°11  | 24°39  | 21°56 | 27°34 | 11° 6  | 11°37 | 23°30 | n.a. |   |   |
| T 20 | 1 29 13 | 21°10'55 | 12♌32  | 24° 6 | 5°21  | 13°33 | 25°26  | 8° 6  | 24°37  | 21°59 | 27°36 | 11°D 5 | 11°34 | 23°37 | n.a. |   |   |
| F 21 | 1 33 9  | 22°11'44 | 26°25  | 25°40 | 6°14  | 14°16 | 25°18  | 8° 2  | 24°34  | 22° 1 | 27°37 | 11°R 6 | 11°31 | 23°43 | n.a. |   |   |
| S 22 | 1 37 6  | 23°12'35 | 10♏13  | 27°14 | 7° 7  | 14°58 | 25°10  | 7°57  | 24°32  | 22° 3 | 27°39 | 11° 5  | 11°28 | 23°50 | n.a. |   |   |
| S 23 | 1 41 2  | 24°13'27 | 24°51  | 28°48 | 8° 1  | 15°41 | 25° 2  | 7°52  | 24°30  | 22° 5 | 27°40 | 11° 2  | 11°24 | 23°57 | n.a. |   |   |
| M24  | 1 44 59 | 25°14'21 | 9♎22   | 0♎22  | 8°56  | 16°24 | 24°54  | 7°47  | 24°28  | 22° 8 | 27°42 | 10°56  | 11°21 | 24° 4 | n.a. |   |   |
| T 25 | 1 48 55 | 26°15'16 | 23°59  | 1°56  | 9°51  | 17° 6 | 24°45  | 7°43  | 24°26  | 22°10 | 27°43 | 10°47  | 11°18 | 24°10 | n.a. |   |   |
| W26  | 1 52 52 | 27°16'13 | 8♌36   | 3°29  | 10°47 | 17°49 | 24°37  | 7°38  | 24°24  | 22°12 | 27°44 | 10°37  | 11°15 | 24°17 | n.a. |   |   |
| T 27 | 1 56 48 | 28°17'11 | 23° 6  | 5° 3  | 11°44 | 18°32 | 24°29  | 7°33  | 24°22  | 22°14 | 27°46 | 10°25  | 11°12 | 24°24 | n.a. |   |   |
| F 28 | 2 0 45  | 29°18'10 | 7♎22   | 6°36  | 12°41 | 19°15 | 24°21  | 7°28  | 24°20  | 22°17 | 27°47 | 10°13  | 11° 8 | 24°30 | n.a. |   |   |
| S 29 | 2 4 42  | 0♎19'11  | 21°16  | 8°10  | 13°39 | 19°58 | 24°13  | 7°23  | 24°19  | 22°19 | 27°48 | 10° 3  | 11° 5 | 24°37 | n.a. |   |   |
| S 30 | 2 8 38  | 1°20'12  | 4♌47   | 9°43  | 14°37 | 20°41 | 24° 5  | 7°18  | 24°17  | 22°21 | 27°50 | 9°56   | 11° 2 | 24°44 | n.a. |   |   |
| M31  | 2 12 35 | 2♎21'15  | 17♌53  | 11♎16 | 15♎36 | 21♌24 | 23°Y57 | 7♌13  | 24♋15  | 22♌23 | 27♏51 | 9♌51   | 10♌59 | 24♌50 | n.a. |   |   |

Delta T = 04h38m25s

Julian Calendar

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SWISS EPHEMERIS for the year 504 BCE

NOVEMBER 504 BCE (-503) JC

00:00 UT

| Day  | Sid.t   | ☉        | ☽     | ♀     | ♂     | ♃     | ♄      | ♅     | ♆      | ♇     | ♁     | ♂     | ♁     | ♃     | ♄    |
|------|---------|----------|-------|-------|-------|-------|--------|-------|--------|-------|-------|-------|-------|-------|------|
| T 1  | 2 16 31 | 3♈22'18  | 0♅35  | 12♈49 | 16♈35 | 22♈ 7 | 23°R49 | 7°R 8 | 24°R13 | 22♈26 | 27♈52 | 9°R49 | 10♅56 | 24♈57 | n.a. |
| W 2  | 2 20 28 | 4°23'22  | 12°57 | 14°22 | 17°35 | 22°50 | 23°Y41 | 7♄ 3  | 24°K11 | 22°28 | 27°53 | 9°D48 | 10°53 | 25° 4 | n.a. |
| T 3  | 2 24 24 | 5°24'27  | 25° 3 | 15°55 | 18°35 | 23°33 | 23°33  | 6°58  | 24°10  | 22°30 | 27°54 | 9♅49  | 10°49 | 25°10 | n.a. |
| F 4  | 2 28 21 | 6°25'32  | 6♈58  | 17°28 | 19°36 | 24°16 | 23°25  | 6°53  | 24° 8  | 22°32 | 27°56 | 9°R49 | 10°46 | 25°17 | n.a. |
| S 5  | 2 32 17 | 7°26'39  | 18°47 | 19° 1 | 20°37 | 25° 0 | 23°17  | 6°48  | 24° 7  | 22°35 | 27°57 | 9°49  | 10°43 | 25°24 | n.a. |
| S 6  | 2 36 14 | 8°27'45  | 0♁37  | 20°33 | 21°38 | 25°43 | 23°10  | 6°43  | 24° 5  | 22°37 | 27°58 | 9°46  | 10°40 | 25°30 | n.a. |
| M 7  | 2 40 11 | 9°28'52  | 12°32 | 22° 6 | 22°40 | 26°26 | 23° 2  | 6°38  | 24° 3  | 22°39 | 27°59 | 9°41  | 10°37 | 25°37 | n.a. |
| T 8  | 2 44 7  | 10°30'00 | 24°36 | 23°38 | 23°42 | 27°10 | 22°55  | 6°33  | 24° 2  | 22°41 | 28° 0 | 9°33  | 10°34 | 25°44 | n.a. |
| W 9  | 2 48 4  | 11°31'09 | 6♈53  | 25°10 | 24°45 | 27°53 | 22°47  | 6°28  | 24° 1  | 22°43 | 28° 1 | 9°23  | 10°30 | 25°50 | n.a. |
| T 10 | 2 52 0  | 12°32'18 | 19°24 | 26°42 | 25°48 | 28°37 | 22°40  | 6°23  | 23°59  | 22°45 | 28° 2 | 9°13  | 10°27 | 25°57 | n.a. |
| F 11 | 2 55 57 | 13°33'27 | 2♁11  | 28°13 | 26°51 | 29°20 | 22°33  | 6°18  | 23°58  | 22°48 | 28° 2 | 9° 2  | 10°24 | 26° 4 | n.a. |
| S 12 | 2 59 53 | 14°34'37 | 15°13 | 29°44 | 27°55 | 0♈ 4  | 22°26  | 6°13  | 23°56  | 22°50 | 28° 3 | 8°52  | 10°21 | 26°11 | n.a. |
| S 13 | 3 3 50  | 15°35'48 | 28°30 | 1♁15  | 28°59 | 0°47  | 22°19  | 6° 9  | 23°55  | 22°52 | 28° 4 | 8°44  | 10°18 | 26°17 | n.a. |
| M14  | 3 7 46  | 16°37'00 | 11♈58 | 2°45  | 0♁ 3  | 1°31  | 22°12  | 6° 4  | 23°54  | 22°54 | 28° 5 | 8°38  | 10°14 | 26°24 | n.a. |
| T 15 | 3 11 43 | 17°38'12 | 25°37 | 4°14  | 1° 8  | 2°14  | 22° 5  | 5°59  | 23°53  | 22°56 | 28° 6 | 8°35  | 10°11 | 26°31 | n.a. |
| W16  | 3 15 40 | 18°39'25 | 9♅24  | 5°42  | 2°13  | 2°58  | 21°59  | 5°54  | 23°52  | 22°58 | 28° 6 | 8°D34 | 10° 8 | 26°37 | n.a. |
| T 17 | 3 19 36 | 19°40'39 | 23°18 | 7° 9  | 3°18  | 3°42  | 21°52  | 5°49  | 23°51  | 23° 0 | 28° 7 | 8°35  | 10° 5 | 26°44 | n.a. |
| F 18 | 3 23 33 | 20°41'53 | 7♈18  | 8°35  | 4°24  | 4°26  | 21°46  | 5°45  | 23°49  | 23° 2 | 28° 8 | 8°36  | 10° 2 | 26°51 | n.a. |
| S 19 | 3 27 29 | 21°43'08 | 21°23 | 9°59  | 5°30  | 5°10  | 21°40  | 5°40  | 23°48  | 23° 4 | 28° 8 | 8°R37 | 9°59  | 26°57 | n.a. |
| S 20 | 3 31 26 | 22°44'23 | 5♈32  | 11°21 | 6°36  | 5°54  | 21°34  | 5°35  | 23°48  | 23° 6 | 28° 9 | 8°36  | 9°55  | 27° 4 | n.a. |
| M21  | 3 35 22 | 23°45'39 | 19°44 | 12°41 | 7°42  | 6°38  | 21°28  | 5°31  | 23°47  | 23° 8 | 28°10 | 8°33  | 9°52  | 27°11 | n.a. |
| T 22 | 3 39 19 | 24°46'56 | 3♁55  | 13°59 | 8°49  | 7°22  | 21°22  | 5°26  | 23°46  | 23°10 | 28°10 | 8°29  | 9°49  | 27°17 | n.a. |
| W23  | 3 43 15 | 25°48'13 | 18° 3 | 15°13 | 9°56  | 8° 6  | 21°17  | 5°21  | 23°45  | 23°12 | 28°11 | 8°22  | 9°46  | 27°24 | n.a. |
| T 24 | 3 47 12 | 26°49'30 | 2♈ 4  | 16°24 | 11° 3 | 8°50  | 21°11  | 5°17  | 23°44  | 23°14 | 28°11 | 8°15  | 9°43  | 27°31 | n.a. |
| F 25 | 3 51 9  | 27°50'48 | 15°53 | 17°30 | 12°10 | 9°34  | 21° 6  | 5°13  | 23°44  | 23°16 | 28°11 | 8° 8  | 9°40  | 27°37 | n.a. |
| S 26 | 3 55 5  | 28°52'06 | 29°27 | 18°32 | 13°18 | 10°18 | 21° 1  | 5° 8  | 23°43  | 23°18 | 28°12 | 8° 2  | 9°36  | 27°44 | n.a. |
| S 27 | 3 59 2  | 29°53'24 | 12♁44 | 19°28 | 14°25 | 11° 2 | 20°56  | 5° 4  | 23°42  | 23°20 | 28°12 | 7°57  | 9°33  | 27°51 | n.a. |
| M28  | 4 2 58  | 0♁54'42  | 25°41 | 20°18 | 15°33 | 11°46 | 20°52  | 5° 0  | 23°42  | 23°22 | 28°13 | 7°55  | 9°30  | 27°58 | n.a. |
| T 29 | 4 6 55  | 1°56'00  | 8♅19  | 21° 0 | 16°41 | 12°31 | 20°47  | 4°56  | 23°41  | 23°24 | 28°13 | 7°D54 | 9°27  | 28° 4 | n.a. |
| W30  | 4 10 51 | 2♁57'18  | 20♅39 | 21♁34 | 17♁50 | 13♈15 | 20°Y43 | 4♄51  | 23°K41 | 23♁26 | 28♈13 | 7♅55  | 9♅24  | 28♈11 | n.a. |

Delta T = 04h38m23s Julian Calendar 1 Nov. 504 BCE == Greg. Calendar 26 Oct. 504 BCE  
 The year -503 astronomical counting style corresponds to year 504 B.C.E historical counting style.

DECEMBER 504 BCE (-503) JC

00:00 UT

| Day  | Sid.t   | ☉        | ☽     | ♀      | ♂     | ♃     | ♄      | ♅     | ♆      | ♇     | ♁      | ♂     | ♁    | ♃     | ♄    |
|------|---------|----------|-------|--------|-------|-------|--------|-------|--------|-------|--------|-------|------|-------|------|
| T 1  | 4 14 48 | 3♁58'35  | 2♈46  | 21♁59  | 18♁58 | 13♈59 | 20°R39 | 4°R47 | 23°R40 | 23♁28 | 28♈13  | 7♅56  | 9♅20 | 28♈18 | n.a. |
| F 2  | 4 18 44 | 4°59'52  | 14°43 | 22°14  | 20° 7 | 14°44 | 20°Y35 | 4♄43  | 23°K40 | 23°29 | 28°13  | 7°58  | 9°17 | 28°24 | n.a. |
| S 3  | 4 22 41 | 6° 1'09  | 26°34 | 22°R18 | 21°16 | 15°28 | 20°31  | 4°40  | 23°40  | 23°31 | 28°14  | 8° 0  | 9°14 | 28°31 | n.a. |
| S 4  | 4 26 38 | 7° 2'24  | 8♁24  | 22°11  | 22°24 | 16°13 | 20°28  | 4°36  | 23°39  | 23°33 | 28°14  | 8°R 0 | 9°11 | 28°38 | n.a. |
| M 5  | 4 30 34 | 8° 3'40  | 20°19 | 21°52  | 23°34 | 16°57 | 20°24  | 4°32  | 23°39  | 23°35 | 28°14  | 7°59  | 9° 8 | 28°44 | n.a. |
| T 6  | 4 34 31 | 9° 4'54  | 2♈24  | 21°21  | 24°43 | 17°42 | 20°21  | 4°28  | 23°39  | 23°36 | 28°14  | 7°57  | 9° 5 | 28°51 | n.a. |
| W 7  | 4 38 27 | 10° 6'09 | 14°42 | 20°38  | 25°52 | 18°27 | 20°18  | 4°25  | 23°39  | 23°38 | 28°R14 | 7°53  | 9° 1 | 28°58 | n.a. |
| T 8  | 4 42 24 | 11° 7'22 | 27°18 | 19°45  | 27° 2 | 19°11 | 20°15  | 4°21  | 23°D39 | 23°40 | 28°14  | 7°49  | 8°58 | 29° 4 | n.a. |
| F 9  | 4 46 20 | 12° 8'35 | 10♅13 | 18°43  | 28°11 | 19°56 | 20°13  | 4°18  | 23°39  | 23°41 | 28°14  | 7°45  | 8°55 | 29°11 | n.a. |
| S 10 | 4 50 17 | 13° 9'47 | 23°29 | 17°33  | 29°21 | 20°41 | 20°10  | 4°15  | 23°39  | 23°43 | 28°14  | 7°41  | 8°52 | 29°18 | n.a. |
| S 11 | 4 54 13 | 14°10'59 | 7♈ 4  | 16°17  | 0♈31  | 21°25 | 20° 8  | 4°11  | 23°39  | 23°45 | 28°13  | 7°38  | 8°49 | 29°25 | n.a. |
| M12  | 4 58 10 | 15°12'10 | 20°57 | 14°58  | 1°41  | 22°10 | 20° 6  | 4° 8  | 23°39  | 23°46 | 28°13  | 7°35  | 8°46 | 29°31 | n.a. |
| T 13 | 5 2 7   | 16°13'21 | 5♅ 3  | 13°39  | 2°51  | 22°55 | 20° 5  | 4° 5  | 23°40  | 23°48 | 28°13  | 7°D35 | 8°42 | 29°38 | n.a. |
| W14  | 5 6 3   | 17°14'31 | 19°19 | 12°22  | 4° 2  | 23°40 | 20° 3  | 4° 2  | 23°40  | 23°49 | 28°13  | 7°35  | 8°39 | 29°45 | n.a. |
| T 15 | 5 10 0  | 18°15'41 | 3♈40  | 11° 9  | 5°12  | 24°25 | 20° 2  | 4° 0  | 23°40  | 23°51 | 28°13  | 7°36  | 8°36 | 29°51 | n.a. |
| F 16 | 5 13 56 | 19°16'50 | 18° 2 | 10° 2  | 6°23  | 25°10 | 20° 1  | 3°57  | 23°41  | 23°52 | 28°12  | 7°37  | 8°33 | 29°58 | n.a. |
| S 17 | 5 17 53 | 20°17'59 | 2♈21  | 9° 3   | 7°33  | 25°55 | 20° 0  | 3°54  | 23°41  | 23°54 | 28°12  | 7°39  | 8°30 | 0♁ 5  | n.a. |
| S 18 | 5 21 49 | 21°19'07 | 16°34 | 8°12   | 8°44  | 26°40 | 19°59  | 3°52  | 23°41  | 23°55 | 28°12  | 7°R39 | 8°26 | 0°11  | n.a. |
| M19  | 5 25 46 | 22°20'14 | 0♁39  | 7°30   | 9°55  | 27°25 | 19°58  | 3°49  | 23°42  | 23°57 | 28°11  | 7°39  | 8°23 | 0°18  | n.a. |
| T 20 | 5 29 42 | 23°21'21 | 14°35 | 6°57   | 11° 6 | 28°10 | 19°58  | 3°47  | 23°43  | 23°58 | 28°11  | 7°38  | 8°20 | 0°25  | n.a. |
| W21  | 5 33 39 | 24°22'28 | 28°20 | 6°34   | 12°17 | 28°55 | 19°D58 | 3°45  | 23°43  | 23°59 | 28°10  | 7°37  | 8°17 | 0°31  | n.a. |
| T 22 | 5 37 36 | 25°23'34 | 11♈53 | 6°19   | 13°28 | 29°40 | 19°58  | 3°42  | 23°44  | 24° 1 | 28°10  | 7°35  | 8°14 | 0°38  | n.a. |
| F 23 | 5 41 32 | 26°24'39 | 25°14 | 6°D13  | 14°39 | 0♁25  | 19°58  | 3°40  | 23°45  | 24° 2 | 28° 9  | 7°34  | 8°11 | 0°45  | n.a. |
| S 24 | 5 45 29 | 27°25'43 | 8♁22  | 6°15   | 15°50 | 1°11  | 19°59  | 3°38  | 23°45  | 24° 3 | 28° 9  | 7°32  | 8° 7 | 0°52  | n.a. |
| S 25 | 5 49 25 | 28°26'46 | 21°16 | 6°25   | 17° 2 | 1°56  | 20° 0  | 3°37  | 23°46  | 24° 4 | 28° 8  | 7°31  | 8° 4 | 0°58  | n.a. |
| M26  | 5 53 22 | 29°27'49 | 3♅56  | 6°42   | 18°13 | 2°41  | 20° 1  | 3°35  | 23°47  | 24° 6 | 28° 7  | 7°D31 | 8° 1 | 1° 5  | n.a. |
| T 27 | 5 57 18 | 0♅28'50  | 16°22 | 7° 5   | 19°24 | 3°27  | 20° 2  | 3°33  | 23°48  | 24° 7 | 28° 7  | 7°31  | 7°58 | 1°12  | n.a. |
| W28  | 6 1 15  | 1°29'50  | 28°36 | 7°34   | 20°36 | 4°12  | 20° 3  | 3°32  | 23°49  | 24° 8 | 28° 6  | 7°31  | 7°55 | 1°18  | n.a. |
| T 29 | 6 5 11  | 2°30'48  | 10♈40 | 8° 9   | 21°48 | 4°57  | 20° 5  | 3°30  | 23°50  | 24° 9 | 28° 5  | 7°32  | 7°52 | 1°25  | n.a. |
| F 30 | 6 9 8   | 3°31'46  | 22°36 | 8°48   | 22°59 | 5°43  | 20° 6  | 3°29  | 23°51  | 24°10 | 28° 5  | 7°33  | 7°48 | 1°32  | n.a. |
| S 31 | 6 13 5  | 4♅32'41  | 4♁27  | 9♁32   | 24♈11 | 6♁28  | 20°Y 8 | 3♄28  | 23°K52 | 24♁11 | 28♈ 4  | 7♅33  | 7♅45 | 1♁38  | n.a. |

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