

SWISS EPHEMERIS for the year 1592 BCE

JANUARY 1592 BCE (-1591) JC

00:00 UT

| Day  | Sid.t   | ☉        | ☽     | ♀     | ♁     | ♂     | ♃      | ♄     | ♅     | ♆     | ♇     | ♈      | ♉     | ♊     | ♋    | ♌ | ♍ | ♎ | ♏ | ♐ | ♑ | ♒ | ♓ |
|------|---------|----------|-------|-------|-------|-------|--------|-------|-------|-------|-------|--------|-------|-------|------|---|---|---|---|---|---|---|---|
| T 1  | 5 45 24 | 28♁10'04 | 22♃21 | 29♁8  | 1°R36 | 27♃21 | 25°R 7 | 2°R33 | 20♁32 | 26♁49 | 27♁28 | 10°R59 | 11♁42 | 23♁54 | n.a. |   |   |   |   |   |   |   |   |
| F 2  | 5 49 21 | 29°10'43 | 4♁38  | 0♁57  | 1♁33  | 28° 7 | 24♁59  | 2♁31  | 20°33 | 26°50 | 27°28 | 10♁57  | 11°39 | 24° 1 | n.a. |   |   |   |   |   |   |   |   |
| S 3  | 5 53 18 | 0♁11'21  | 16°46 | 2°46  | 1°D33 | 28°53 | 24°51  | 2°29  | 20°34 | 26°52 | 27°29 | 10°56  | 11°36 | 24° 8 | n.a. |   |   |   |   |   |   |   |   |
| S 4  | 5 57 14 | 1°11'57  | 28°46 | 4°35  | 1°35  | 29°39 | 24°43  | 2°28  | 20°35 | 26°53 | 27°29 | 10°55  | 11°32 | 24°14 | n.a. |   |   |   |   |   |   |   |   |
| M 5  | 6 1 11  | 2°12'31  | 10♁39 | 6°26  | 1°39  | 0♁25  | 24°35  | 2°27  | 20°37 | 26°55 | 27°29 | 10°D54 | 11°29 | 24°21 | n.a. |   |   |   |   |   |   |   |   |
| T 6  | 6 5 7   | 3°13'04  | 22°28 | 8°17  | 1°46  | 1°11  | 24°27  | 2°25  | 20°38 | 26°56 | 27°29 | 10°55  | 11°26 | 24°28 | n.a. |   |   |   |   |   |   |   |   |
| W 7  | 6 9 4   | 4°13'34  | 4♁15  | 10° 8 | 1°55  | 1°57  | 24°20  | 2°24  | 20°39 | 26°58 | 27°30 | 10°55  | 11°23 | 24°34 | n.a. |   |   |   |   |   |   |   |   |
| T 8  | 6 13 0  | 5°14'03  | 16° 3 | 12° 0 | 2° 6  | 2°43  | 24°12  | 2°23  | 20°40 | 26°59 | 27°30 | 10°56  | 11°20 | 24°41 | n.a. |   |   |   |   |   |   |   |   |
| F 9  | 6 16 57 | 6°14'30  | 27°55 | 13°52 | 2°19  | 3°29  | 24° 4  | 2°23  | 20°42 | 27° 1 | 27°30 | 10°56  | 11°16 | 24°48 | n.a. |   |   |   |   |   |   |   |   |
| S 10 | 6 20 53 | 7°14'54  | 9♁54  | 15°44 | 2°35  | 4°15  | 23°57  | 2°22  | 20°43 | 27° 2 | 27°31 | 10°57  | 11°13 | 24°54 | n.a. |   |   |   |   |   |   |   |   |
| S 11 | 6 24 50 | 8°15'17  | 22° 5 | 17°36 | 2°52  | 5° 1  | 23°49  | 2°21  | 20°45 | 27° 4 | 27°31 | 10°57  | 11°10 | 25° 1 | n.a. |   |   |   |   |   |   |   |   |
| M12  | 6 28 47 | 9°15'37  | 4♁31  | 19°28 | 3°12  | 5°47  | 23°42  | 2°21  | 20°46 | 27° 6 | 27°31 | 10°R57 | 11° 7 | 25° 8 | n.a. |   |   |   |   |   |   |   |   |
| T 13 | 6 32 43 | 10°15'55 | 17°18 | 21°19 | 3°33  | 6°33  | 23°34  | 2°20  | 20°48 | 27° 7 | 27°32 | 10°57  | 11° 4 | 25°14 | n.a. |   |   |   |   |   |   |   |   |
| W14  | 6 36 40 | 11°16'11 | 0♁28  | 23° 9 | 3°56  | 7°19  | 23°27  | 2°20  | 20°49 | 27° 9 | 27°32 | 10°D57 | 11° 1 | 25°21 | n.a. |   |   |   |   |   |   |   |   |
| T 15 | 6 40 36 | 12°16'25 | 14° 5 | 24°58 | 4°21  | 8° 6  | 23°20  | 2°20  | 20°51 | 27°11 | 27°33 | 10°57  | 10°57 | 25°28 | n.a. |   |   |   |   |   |   |   |   |
| F 16 | 6 44 33 | 13°16'36 | 28° 9 | 26°46 | 4°47  | 8°52  | 23°12  | 2°D20 | 20°53 | 27°12 | 27°33 | 10°58  | 10°54 | 25°34 | n.a. |   |   |   |   |   |   |   |   |
| S 17 | 6 48 29 | 14°16'45 | 12♁39 | 28°32 | 5°15  | 9°38  | 23° 5  | 2°20  | 20°55 | 27°14 | 27°33 | 10°58  | 10°51 | 25°41 | n.a. |   |   |   |   |   |   |   |   |
| S 18 | 6 52 26 | 15°16'53 | 27°31 | 0♁15  | 5°45  | 10°24 | 22°59  | 2°20  | 20°56 | 27°16 | 27°34 | 10°58  | 10°48 | 25°48 | n.a. |   |   |   |   |   |   |   |   |
| M19  | 6 56 22 | 16°16'58 | 12♁38 | 1°55  | 6°16  | 11°10 | 22°52  | 2°20  | 20°58 | 27°18 | 27°34 | 10°R58 | 10°45 | 25°54 | n.a. |   |   |   |   |   |   |   |   |
| T 20 | 7 0 19  | 17°17'01 | 27°52 | 3°32  | 6°49  | 11°56 | 22°45  | 2°21  | 21° 0 | 27°20 | 27°35 | 10°58  | 10°42 | 26° 1 | n.a. |   |   |   |   |   |   |   |   |
| W21  | 7 4 16  | 18°17'02 | 13♁ 2 | 5° 5  | 7°23  | 12°43 | 22°38  | 2°21  | 21° 2 | 27°21 | 27°36 | 10°58  | 10°38 | 26° 7 | n.a. |   |   |   |   |   |   |   |   |
| T 22 | 7 8 12  | 19°17'01 | 27°59 | 6°33  | 7°59  | 13°29 | 22°32  | 2°22  | 21° 4 | 27°23 | 27°36 | 10°57  | 10°35 | 26°14 | n.a. |   |   |   |   |   |   |   |   |
| F 23 | 7 12 9  | 20°16'58 | 12♁36 | 7°56  | 8°35  | 14°15 | 22°26  | 2°23  | 21° 6 | 27°25 | 27°37 | 10°56  | 10°32 | 26°21 | n.a. |   |   |   |   |   |   |   |   |
| S 24 | 7 16 5  | 21°16'53 | 26°49 | 9°14  | 9°13  | 15° 1 | 22°19  | 2°23  | 21° 8 | 27°27 | 27°37 | 10°55  | 10°29 | 26°27 | n.a. |   |   |   |   |   |   |   |   |
| S 25 | 7 20 2  | 22°16'46 | 10♁35 | 10°25 | 9°53  | 15°48 | 22°13  | 2°24  | 21°10 | 27°29 | 27°38 | 10°54  | 10°26 | 26°34 | n.a. |   |   |   |   |   |   |   |   |
| M26  | 7 23 58 | 23°16'38 | 23°54 | 11°29 | 10°33 | 16°34 | 22° 7  | 2°25  | 21°12 | 27°31 | 27°39 | 10°D54 | 10°22 | 26°41 | n.a. |   |   |   |   |   |   |   |   |
| T 27 | 7 27 55 | 24°16'28 | 6♁50  | 12°26 | 11°15 | 17°20 | 22° 2  | 2°27  | 21°15 | 27°33 | 27°39 | 10°54  | 10°19 | 26°47 | n.a. |   |   |   |   |   |   |   |   |
| W28  | 7 31 51 | 25°16'16 | 19°26 | 13°16 | 11°57 | 18° 7 | 21°56  | 2°28  | 21°17 | 27°35 | 27°40 | 10°55  | 10°16 | 26°54 | n.a. |   |   |   |   |   |   |   |   |
| T 29 | 7 35 48 | 26°16'02 | 1♁44  | 13°58 | 12°41 | 18°53 | 21°50  | 2°29  | 21°19 | 27°37 | 27°41 | 10°56  | 10°13 | 27° 1 | n.a. |   |   |   |   |   |   |   |   |
| F 30 | 7 39 45 | 27°15'46 | 13°50 | 14°31 | 13°25 | 19°39 | 21°45  | 2°31  | 21°21 | 27°39 | 27°42 | 10°58  | 10°10 | 27° 7 | n.a. |   |   |   |   |   |   |   |   |
| S 31 | 7 43 41 | 28♁15'28 | 25♁47 | 14♁56 | 14♁11 | 20♁26 | 21♁40  | 2♁33  | 21♁24 | 27♁41 | 27♁42 | 10♁59  | 10♁ 7 | 27♁14 | n.a. |   |   |   |   |   |   |   |   |

Delta T = 10h39m56s Julian Calendar 1 Jan. 1592 BCE == Greg. Calendar 18 Dec. 1593 BCE  
 The year -1591 astronomical counting style corresponds to year 1592 B.C.E historical counting style.

FEBRUARY 1592 BCE (-1591) JC

00:00 UT

| Day  | Sid.t   | ☉        | ☽     | ♀      | ♁     | ♂     | ♃      | ♄    | ♅     | ♆     | ♇     | ♈      | ♉     | ♊     | ♋    | ♌ | ♍ | ♎ | ♏ | ♐ | ♑ | ♒ | ♓ |
|------|---------|----------|-------|--------|-------|-------|--------|------|-------|-------|-------|--------|-------|-------|------|---|---|---|---|---|---|---|---|
| S 1  | 7 47 38 | 29♁15'08 | 7♁38  | 15♁12  | 14♁57 | 21♁12 | 21°R35 | 2♁34 | 21♁26 | 27♁43 | 27♁43 | 10°R59 | 10♁ 3 | 27♁21 | n.a. |   |   |   |   |   |   |   |   |
| M 2  | 7 51 34 | 0♁14'46  | 19°26 | 15°R20 | 15°44 | 21°58 | 21♁30  | 2°36 | 21°29 | 27°45 | 27°44 | 10♁59  | 10° 0 | 27°27 | n.a. |   |   |   |   |   |   |   |   |
| T 3  | 7 55 31 | 1°14'22  | 1♁13  | 15°19  | 16°32 | 22°45 | 21°25  | 2°38 | 21°31 | 27°47 | 27°45 | 10°58  | 9°57  | 27°34 | n.a. |   |   |   |   |   |   |   |   |
| W 4  | 7 59 27 | 2°13'56  | 13° 2 | 15°10  | 17°21 | 23°31 | 21°21  | 2°40 | 21°33 | 27°49 | 27°45 | 10°56  | 9°54  | 27°41 | n.a. |   |   |   |   |   |   |   |   |
| T 5  | 8 3 24  | 3°13'28  | 24°54 | 14°53  | 18°10 | 24°17 | 21°16  | 2°42 | 21°36 | 27°51 | 27°46 | 10°52  | 9°51  | 27°47 | n.a. |   |   |   |   |   |   |   |   |
| F 6  | 8 7 20  | 4°12'57  | 6♁52  | 14°29  | 19° 1 | 25° 4 | 21°12  | 2°45 | 21°39 | 27°53 | 27°47 | 10°48  | 9°48  | 27°54 | n.a. |   |   |   |   |   |   |   |   |
| S 7  | 8 11 17 | 5°12'24  | 18°58 | 13°58  | 19°52 | 25°50 | 21° 8  | 2°47 | 21°41 | 27°55 | 27°48 | 10°44  | 9°44  | 28° 1 | n.a. |   |   |   |   |   |   |   |   |
| S 8  | 8 15 14 | 6°11'48  | 1♁14  | 13°21  | 20°43 | 26°36 | 21° 4  | 2°49 | 21°44 | 27°57 | 27°49 | 10°41  | 9°41  | 28° 7 | n.a. |   |   |   |   |   |   |   |   |
| M 9  | 8 19 10 | 7°11'10  | 13°44 | 12°39  | 21°35 | 27°23 | 21° 0  | 2°52 | 21°46 | 28° 0 | 27°50 | 10°38  | 9°38  | 28°14 | n.a. |   |   |   |   |   |   |   |   |
| T 10 | 8 23 7  | 8°10'29  | 26°29 | 11°53  | 22°28 | 28° 9 | 20°57  | 2°55 | 21°49 | 28° 2 | 27°51 | 10°36  | 9°35  | 28°21 | n.a. |   |   |   |   |   |   |   |   |
| W11  | 8 27 3  | 9° 9'46  | 9♁34  | 11° 3  | 23°22 | 28°55 | 20°53  | 2°58 | 21°52 | 28° 4 | 27°52 | 10°D35 | 9°32  | 28°27 | n.a. |   |   |   |   |   |   |   |   |
| T 12 | 8 31 0  | 10° 9'01 | 23° 1 | 10°12  | 24°16 | 29°42 | 20°50  | 3° 0 | 21°55 | 28° 6 | 27°53 | 10°36  | 9°28  | 28°34 | n.a. |   |   |   |   |   |   |   |   |
| F 13 | 8 34 56 | 11° 8'13 | 6♁52  | 9°20   | 25°10 | 0♁28  | 20°47  | 3° 3 | 21°57 | 28° 8 | 27°54 | 10°37  | 9°25  | 28°40 | n.a. |   |   |   |   |   |   |   |   |
| S 14 | 8 38 53 | 12° 7'23 | 21° 7 | 8°27   | 26° 5 | 1°14  | 20°44  | 3° 7 | 22° 0 | 28°10 | 27°55 | 10°38  | 9°22  | 28°47 | n.a. |   |   |   |   |   |   |   |   |
| S 15 | 8 42 49 | 13° 6'30 | 5♁46  | 7°36   | 27° 1 | 2° 1  | 20°42  | 3°10 | 22° 3 | 28°13 | 27°56 | 10°R39 | 9°19  | 28°54 | n.a. |   |   |   |   |   |   |   |   |
| M16  | 8 46 46 | 14° 5'35 | 20°44 | 6°47   | 27°57 | 2°47  | 20°39  | 3°13 | 22° 6 | 28°15 | 27°57 | 10°39  | 9°16  | 29° 0 | n.a. |   |   |   |   |   |   |   |   |
| T 17 | 8 50 43 | 15° 4'37 | 5♁54  | 6° 1   | 28°54 | 3°33  | 20°37  | 3°17 | 22° 9 | 28°17 | 27°58 | 10°37  | 9°13  | 29° 7 | n.a. |   |   |   |   |   |   |   |   |
| W18  | 8 54 39 | 16° 3'38 | 21° 6 | 5°18   | 29°51 | 4°19  | 20°35  | 3°20 | 22°12 | 28°19 | 27°59 | 10°34  | 9° 9  | 29°14 | n.a. |   |   |   |   |   |   |   |   |
| T 19 | 8 58 36 | 17° 2'35 | 6♁12  | 4°40   | 0♁48  | 5° 6  | 20°33  | 3°24 | 22°15 | 28°21 | 28° 0 | 10°29  | 9° 6  | 29°20 | n.a. |   |   |   |   |   |   |   |   |
| F 20 | 9 2 32  | 18° 1'31 | 21° 0 | 4° 6   | 1°46  | 5°52  | 20°32  | 3°27 | 22°18 | 28°24 | 28° 1 | 10°23  | 9° 3  | 29°27 | n.a. |   |   |   |   |   |   |   |   |
| S 21 | 9 6 29  | 19° 0'25 | 5♁25  | 3°38   | 2°44  | 6°38  | 20°30  | 3°31 | 22°21 | 28°26 | 28° 2 | 10°18  | 9° 0  | 29°34 | n.a. |   |   |   |   |   |   |   |   |
| S 22 | 9 10 25 | 19°59'17 | 19°22 | 3°15   | 3°43  | 7°25  | 20°29  | 3°35 | 22°24 | 28°28 | 28° 3 | 10°13  | 8°57  | 29°40 | n.a. |   |   |   |   |   |   |   |   |
| M23  | 9 14 22 | 20°58'07 | 2♁50  | 2°57   | 4°42  | 8°11  | 20°28  | 3°39 | 22°27 | 28°30 | 28° 4 | 10°10  | 8°54  | 29°47 | n.a. |   |   |   |   |   |   |   |   |
| T 24 | 9 18 18 | 21°56'55 | 15°50 | 2°45   | 5°42  | 8°57  | 20°27  | 3°43 | 22°30 | 28°33 | 28° 5 | 10° 8  | 8°50  | 29°54 | n.a. |   |   |   |   |   |   |   |   |
| W25  | 9 22 15 | 22°55'41 | 28°26 | 2°39   | 6°42  | 9°43  | 20°26  | 3°47 | 22°33 | 28°35 | 28° 6 | 10°D 8 | 8°47  | 0♁ 0  | n.a. |   |   |   |   |   |   |   |   |
| T 26 | 9 26 12 | 23°54'26 | 10♁43 | 2°D38  | 7°42  | 10°30 | 20°25  | 3°51 | 22°36 | 28°37 | 28° 8 | 10° 9  | 8°44  | 0° 7  | n.a. |   |   |   |   |   |   |   |   |
| F 27 | 9 30 8  | 24°53'08 | 22°45 | 2°42   | 8°42  | 11°16 | 20°25  | 3°56 | 22°39 | 28°39 | 28° 9 | 10°11  | 8°41  | 0°14  | n.a. |   |   |   |   |   |   |   |   |
| S 28 | 9 34 5  | 25♁51'49 | 4♁37  | 2♁51   | 9♁43  | 12♁ 2 | 20°D25 | 4♁ 0 | 22♁42 | 28♁42 | 28♁10 | 10°R12 | 8♁38  | 0♁20  | n.a. |   |   |   |   |   |   |   |   |

Delta T = 10h39m54s Julian Calendar created from Swiss Ephemeris, Copyright AstroDienst AG [7.2.2007]

SWISS EPHEMERIS for the year 1592 BCE

MARCH 1592 BCE (-1591) JC

00:00 UT

| Day  | Sid.t    | ☉                      | ☽                    | ♀                  | ♁                  | ♂                  | ♃                   | ♄                | ♅                   | ♆                    | ♇                   | ♈                  | ♉                 | ♊                 | ♋    | ♌ | ♍ |
|------|----------|------------------------|----------------------|--------------------|--------------------|--------------------|---------------------|------------------|---------------------|----------------------|---------------------|--------------------|-------------------|-------------------|------|---|---|
| S 1  | 9 38 1   | 26 <sup>50</sup> 28    | 16 <sup>3</sup> 25   | 3 <sup>3</sup> 6   | 10 <sup>3</sup> 44 | 12 <sup>3</sup> 48 | 20 <sup>II</sup> 25 | 4 <sup>8</sup> 5 | 22 <sup>II</sup> 45 | 28 <sup>III</sup> 44 | 28 <sup>II</sup> 11 | 10 <sup>R</sup> 12 | 8 <sup>3</sup> 34 | 0 <sup>3</sup> 27 | n.a. |   |   |
| M 2  | 9 41 58  | 27 <sup>49</sup> 05    | 28 <sup>11</sup>     | 3 <sup>25</sup>    | 11 <sup>46</sup>   | 13 <sup>34</sup>   | 20 <sup>25</sup>    | 4 <sup>9</sup>   | 22 <sup>48</sup>    | 28 <sup>46</sup>     | 28 <sup>12</sup>    | 10 <sup>3</sup> 10 | 8 <sup>31</sup>   | 0 <sup>34</sup>   | n.a. |   |   |
| T 3  | 9 45 54  | 28 <sup>47</sup> 40    | 9 <sup>3</sup> 59    | 3 <sup>49</sup>    | 12 <sup>48</sup>   | 14 <sup>21</sup>   | 20 <sup>25</sup>    | 4 <sup>14</sup>  | 22 <sup>52</sup>    | 28 <sup>49</sup>     | 28 <sup>13</sup>    | 10 <sup>6</sup>    | 8 <sup>28</sup>   | 0 <sup>40</sup>   | n.a. |   |   |
| W 4  | 9 49 51  | 29 <sup>46</sup> 13    | 21 <sup>53</sup>     | 4 <sup>18</sup>    | 13 <sup>50</sup>   | 15 <sup>7</sup>    | 20 <sup>26</sup>    | 4 <sup>19</sup>  | 22 <sup>55</sup>    | 28 <sup>51</sup>     | 28 <sup>15</sup>    | 9 <sup>59</sup>    | 8 <sup>25</sup>   | 0 <sup>47</sup>   | n.a. |   |   |
| T 5  | 9 53 47  | 0 <sup>II</sup> 44'44  | 3 <sup>II</sup> 53   | 4 <sup>50</sup>    | 14 <sup>52</sup>   | 15 <sup>53</sup>   | 20 <sup>27</sup>    | 4 <sup>23</sup>  | 22 <sup>58</sup>    | 28 <sup>53</sup>     | 28 <sup>16</sup>    | 9 <sup>51</sup>    | 8 <sup>22</sup>   | 0 <sup>54</sup>   | n.a. |   |   |
| F 6  | 9 57 44  | 1 <sup>43</sup> 12     | 16 <sup>1</sup>      | 5 <sup>27</sup>    | 15 <sup>54</sup>   | 16 <sup>39</sup>   | 20 <sup>28</sup>    | 4 <sup>28</sup>  | 23 <sup>1</sup>     | 28 <sup>55</sup>     | 28 <sup>17</sup>    | 9 <sup>42</sup>    | 8 <sup>19</sup>   | 1 <sup>0</sup>    | n.a. |   |   |
| S 7  | 10 1 41  | 2 <sup>41</sup> 39     | 28 <sup>19</sup>     | 6 <sup>8</sup>     | 16 <sup>57</sup>   | 17 <sup>25</sup>   | 20 <sup>29</sup>    | 4 <sup>33</sup>  | 23 <sup>5</sup>     | 28 <sup>58</sup>     | 28 <sup>18</sup>    | 9 <sup>32</sup>    | 8 <sup>15</sup>   | 1 <sup>7</sup>    | n.a. |   |   |
| S 8  | 10 5 37  | 3 <sup>40</sup> 03     | 10 <sup>II</sup> 48  | 6 <sup>52</sup>    | 18 <sup>0</sup>    | 18 <sup>11</sup>   | 20 <sup>30</sup>    | 4 <sup>38</sup>  | 23 <sup>8</sup>     | 29 <sup>0</sup>      | 28 <sup>20</sup>    | 9 <sup>22</sup>    | 8 <sup>12</sup>   | 1 <sup>14</sup>   | n.a. |   |   |
| M 9  | 10 9 34  | 4 <sup>38</sup> 26     | 23 <sup>28</sup>     | 7 <sup>40</sup>    | 19 <sup>4</sup>    | 18 <sup>57</sup>   | 20 <sup>32</sup>    | 4 <sup>44</sup>  | 23 <sup>11</sup>    | 29 <sup>2</sup>      | 28 <sup>21</sup>    | 9 <sup>14</sup>    | 8 <sup>9</sup>    | 1 <sup>20</sup>   | n.a. |   |   |
| T 10 | 10 13 30 | 5 <sup>36</sup> 46     | 6 <sup>II</sup> 21   | 8 <sup>31</sup>    | 20 <sup>7</sup>    | 19 <sup>43</sup>   | 20 <sup>33</sup>    | 4 <sup>49</sup>  | 23 <sup>15</sup>    | 29 <sup>4</sup>      | 28 <sup>22</sup>    | 9 <sup>8</sup>     | 8 <sup>6</sup>    | 1 <sup>27</sup>   | n.a. |   |   |
| W11  | 10 17 27 | 6 <sup>35</sup> 04     | 19 <sup>29</sup>     | 9 <sup>25</sup>    | 21 <sup>11</sup>   | 20 <sup>29</sup>   | 20 <sup>35</sup>    | 4 <sup>54</sup>  | 23 <sup>18</sup>    | 29 <sup>7</sup>      | 28 <sup>23</sup>    | 9 <sup>5</sup>     | 8 <sup>3</sup>    | 1 <sup>34</sup>   | n.a. |   |   |
| T 12 | 10 21 23 | 7 <sup>33</sup> 20     | 2 <sup>II</sup> 53   | 10 <sup>22</sup>   | 22 <sup>15</sup>   | 21 <sup>15</sup>   | 20 <sup>37</sup>    | 5 <sup>0</sup>   | 23 <sup>21</sup>    | 29 <sup>9</sup>      | 28 <sup>25</sup>    | 9 <sup>D</sup> 3   | 7 <sup>59</sup>   | 1 <sup>40</sup>   | n.a. |   |   |
| F 13 | 10 25 20 | 8 <sup>31</sup> 33     | 16 <sup>36</sup>     | 11 <sup>22</sup>   | 23 <sup>19</sup>   | 22 <sup>1</sup>    | 20 <sup>39</sup>    | 5 <sup>5</sup>   | 23 <sup>25</sup>    | 29 <sup>11</sup>     | 28 <sup>26</sup>    | 9 <sup>3</sup>     | 7 <sup>56</sup>   | 1 <sup>47</sup>   | n.a. |   |   |
| S 14 | 10 29 16 | 9 <sup>29</sup> 45     | 0 <sup>3</sup> 38    | 12 <sup>25</sup>   | 24 <sup>23</sup>   | 22 <sup>47</sup>   | 20 <sup>42</sup>    | 5 <sup>11</sup>  | 23 <sup>28</sup>    | 29 <sup>13</sup>     | 28 <sup>27</sup>    | 9 <sup>4</sup>     | 7 <sup>53</sup>   | 1 <sup>54</sup>   | n.a. |   |   |
| S 15 | 10 33 13 | 10 <sup>27</sup> 54    | 15 <sup>0</sup>      | 13 <sup>31</sup>   | 25 <sup>28</sup>   | 23 <sup>33</sup>   | 20 <sup>44</sup>    | 5 <sup>16</sup>  | 23 <sup>31</sup>    | 29 <sup>16</sup>     | 28 <sup>29</sup>    | 9 <sup>R</sup> 4   | 7 <sup>50</sup>   | 2 <sup>0</sup>    | n.a. |   |   |
| M16  | 10 37 10 | 11 <sup>26</sup> 01    | 29 <sup>39</sup>     | 14 <sup>40</sup>   | 26 <sup>32</sup>   | 24 <sup>18</sup>   | 20 <sup>47</sup>    | 5 <sup>22</sup>  | 23 <sup>35</sup>    | 29 <sup>18</sup>     | 28 <sup>30</sup>    | 9 <sup>3</sup>     | 7 <sup>47</sup>   | 2 <sup>7</sup>    | n.a. |   |   |
| T 17 | 10 41 6  | 12 <sup>24</sup> 06    | 14 <sup>II</sup> 31  | 15 <sup>50</sup>   | 27 <sup>37</sup>   | 25 <sup>4</sup>    | 20 <sup>50</sup>    | 5 <sup>28</sup>  | 23 <sup>38</sup>    | 29 <sup>20</sup>     | 28 <sup>31</sup>    | 8 <sup>59</sup>    | 7 <sup>44</sup>   | 2 <sup>13</sup>   | n.a. |   |   |
| W18  | 10 45 3  | 13 <sup>22</sup> 09    | 29 <sup>29</sup>     | 17 <sup>4</sup>    | 28 <sup>42</sup>   | 25 <sup>50</sup>   | 20 <sup>53</sup>    | 5 <sup>33</sup>  | 23 <sup>42</sup>    | 29 <sup>22</sup>     | 28 <sup>33</sup>    | 8 <sup>52</sup>    | 7 <sup>40</sup>   | 2 <sup>20</sup>   | n.a. |   |   |
| T 19 | 10 48 59 | 14 <sup>20</sup> 09    | 14 <sup>III</sup> 24 | 18 <sup>19</sup>   | 29 <sup>47</sup>   | 26 <sup>36</sup>   | 20 <sup>56</sup>    | 5 <sup>39</sup>  | 23 <sup>45</sup>    | 29 <sup>24</sup>     | 28 <sup>34</sup>    | 8 <sup>44</sup>    | 7 <sup>37</sup>   | 2 <sup>27</sup>   | n.a. |   |   |
| F 20 | 10 52 56 | 15 <sup>18</sup> 09    | 29 <sup>9</sup>      | 19 <sup>37</sup>   | 0 <sup>3</sup> 53  | 27 <sup>21</sup>   | 21 <sup>0</sup>     | 5 <sup>45</sup>  | 23 <sup>48</sup>    | 29 <sup>27</sup>     | 28 <sup>35</sup>    | 8 <sup>34</sup>    | 7 <sup>34</sup>   | 2 <sup>33</sup>   | n.a. |   |   |
| S 21 | 10 56 52 | 16 <sup>16</sup> 06    | 13 <sup>II</sup> 34  | 20 <sup>57</sup>   | 1 <sup>58</sup>    | 28 <sup>7</sup>    | 21 <sup>3</sup>     | 5 <sup>51</sup>  | 23 <sup>52</sup>    | 29 <sup>29</sup>     | 28 <sup>36</sup>    | 8 <sup>24</sup>    | 7 <sup>31</sup>   | 2 <sup>40</sup>   | n.a. |   |   |
| S 22 | 11 0 49  | 17 <sup>14</sup> 02    | 27 <sup>34</sup>     | 22 <sup>20</sup>   | 3 <sup>4</sup>     | 28 <sup>53</sup>   | 21 <sup>7</sup>     | 5 <sup>57</sup>  | 23 <sup>55</sup>    | 29 <sup>31</sup>     | 28 <sup>38</sup>    | 8 <sup>15</sup>    | 7 <sup>28</sup>   | 2 <sup>47</sup>   | n.a. |   |   |
| M23  | 11 4 45  | 18 <sup>11</sup> 56    | 11 <sup>III</sup> 6  | 23 <sup>44</sup>   | 4 <sup>10</sup>    | 29 <sup>38</sup>   | 21 <sup>11</sup>    | 6 <sup>3</sup>   | 23 <sup>59</sup>    | 29 <sup>33</sup>     | 28 <sup>39</sup>    | 8 <sup>7</sup>     | 7 <sup>25</sup>   | 2 <sup>53</sup>   | n.a. |   |   |
| T 24 | 11 8 42  | 19 <sup>9</sup> 49     | 24 <sup>10</sup>     | 25 <sup>11</sup>   | 5 <sup>16</sup>    | 0 <sup>3</sup> 24  | 21 <sup>15</sup>    | 6 <sup>9</sup>   | 24 <sup>2</sup>     | 29 <sup>35</sup>     | 28 <sup>40</sup>    | 8 <sup>2</sup>     | 7 <sup>21</sup>   | 3 <sup>0</sup>    | n.a. |   |   |
| W25  | 11 12 39 | 20 <sup>7</sup> 40     | 6 <sup>II</sup> 50   | 26 <sup>39</sup>   | 6 <sup>22</sup>    | 1 <sup>10</sup>    | 21 <sup>20</sup>    | 6 <sup>16</sup>  | 24 <sup>6</sup>     | 29 <sup>37</sup>     | 28 <sup>42</sup>    | 8 <sup>0</sup>     | 7 <sup>18</sup>   | 3 <sup>7</sup>    | n.a. |   |   |
| T 26 | 11 16 35 | 21 <sup>5</sup> 30     | 19 <sup>9</sup>      | 28 <sup>10</sup>   | 7 <sup>29</sup>    | 1 <sup>55</sup>    | 21 <sup>24</sup>    | 6 <sup>22</sup>  | 24 <sup>9</sup>     | 29 <sup>40</sup>     | 28 <sup>43</sup>    | 7 <sup>D</sup> 59  | 7 <sup>15</sup>   | 3 <sup>13</sup>   | n.a. |   |   |
| F 27 | 11 20 32 | 22 <sup>3</sup> 19     | 1 <sup>II</sup> 12   | 29 <sup>43</sup>   | 8 <sup>35</sup>    | 2 <sup>41</sup>    | 21 <sup>29</sup>    | 6 <sup>28</sup>  | 24 <sup>13</sup>    | 29 <sup>42</sup>     | 28 <sup>45</sup>    | 7 <sup>59</sup>    | 7 <sup>12</sup>   | 3 <sup>20</sup>   | n.a. |   |   |
| S 28 | 11 24 28 | 23 <sup>1</sup> 06     | 13 <sup>4</sup>      | 1 <sup>II</sup> 18 | 9 <sup>42</sup>    | 3 <sup>26</sup>    | 21 <sup>33</sup>    | 6 <sup>35</sup>  | 24 <sup>16</sup>    | 29 <sup>44</sup>     | 28 <sup>46</sup>    | 7 <sup>R</sup> 59  | 7 <sup>9</sup>    | 3 <sup>27</sup>   | n.a. |   |   |
| S 29 | 11 28 25 | 23 <sup>58</sup> 52    | 24 <sup>52</sup>     | 2 <sup>55</sup>    | 10 <sup>49</sup>   | 4 <sup>12</sup>    | 21 <sup>38</sup>    | 6 <sup>41</sup>  | 24 <sup>19</sup>    | 29 <sup>46</sup>     | 28 <sup>47</sup>    | 7 <sup>58</sup>    | 7 <sup>5</sup>    | 3 <sup>33</sup>   | n.a. |   |   |
| M30  | 11 32 21 | 24 <sup>56</sup> 36    | 6 <sup>3</sup> 39    | 4 <sup>33</sup>    | 11 <sup>56</sup>   | 4 <sup>57</sup>    | 21 <sup>43</sup>    | 6 <sup>48</sup>  | 24 <sup>23</sup>    | 29 <sup>48</sup>     | 28 <sup>49</sup>    | 7 <sup>55</sup>    | 7 <sup>2</sup>    | 3 <sup>40</sup>   | n.a. |   |   |
| T 31 | 11 36 18 | 25 <sup>II</sup> 54'20 | 18 <sup>3</sup> 31   | 6 <sup>II</sup> 14 | 13 <sup>3</sup> 3  | 5 <sup>3</sup> 42  | 21 <sup>II</sup> 49 | 6 <sup>54</sup>  | 24 <sup>II</sup> 26 | 29 <sup>50</sup>     | 28 <sup>50</sup>    | 7 <sup>54</sup> 9  | 6 <sup>59</sup>   | 3 <sup>47</sup>   | n.a. |   |   |

Delta T = 10h39m53s Julian Calendar 1 March 1592 BCE == Greg. Calendar 15 Feb. 1592 BCE  
 The year -1591 astronomical counting style corresponds to year 1592 B.C.E historical counting style.

APRIL 1592 BCE (-1591) JC

00:00 UT

| Day  | Sid.t    | ☉                      | ☽                   | ♀                  | ♁                   | ♂                 | ♃                   | ♄                | ♅                   | ♆                 | ♇                   | ♈                 | ♉               | ♊               | ♋    | ♌ | ♍ |
|------|----------|------------------------|---------------------|--------------------|---------------------|-------------------|---------------------|------------------|---------------------|-------------------|---------------------|-------------------|-----------------|-----------------|------|---|---|
| W 1  | 11 40 14 | 26 <sup>II</sup> 52'01 | 0 <sup>II</sup> 31  | 7 <sup>II</sup> 57 | 14 <sup>10</sup>    | 6 <sup>3</sup> 28 | 21 <sup>II</sup> 54 | 7 <sup>8</sup> 1 | 24 <sup>II</sup> 30 | 29 <sup>52</sup>  | 28 <sup>II</sup> 51 | 7 <sup>R</sup> 41 | 6 <sup>56</sup> | 3 <sup>53</sup> | n.a. |   |   |
| T 2  | 11 44 11 | 27 <sup>49</sup> 42    | 12 <sup>40</sup>    | 9 <sup>42</sup>    | 15 <sup>17</sup>    | 7 <sup>13</sup>   | 21 <sup>59</sup>    | 7 <sup>8</sup>   | 24 <sup>33</sup>    | 29 <sup>54</sup>  | 28 <sup>53</sup>    | 7 <sup>30</sup>   | 6 <sup>53</sup> | 4 <sup>0</sup>  | n.a. |   |   |
| F 3  | 11 48 7  | 28 <sup>47</sup> 21    | 25 <sup>2</sup>     | 11 <sup>29</sup>   | 16 <sup>24</sup>    | 7 <sup>58</sup>   | 22 <sup>5</sup>     | 7 <sup>14</sup>  | 24 <sup>37</sup>    | 29 <sup>56</sup>  | 28 <sup>54</sup>    | 7 <sup>17</sup>   | 6 <sup>50</sup> | 4 <sup>7</sup>  | n.a. |   |   |
| S 4  | 11 52 4  | 29 <sup>44</sup> 58    | 7 <sup>II</sup> 35  | 13 <sup>18</sup>   | 17 <sup>32</sup>    | 8 <sup>43</sup>   | 22 <sup>11</sup>    | 7 <sup>21</sup>  | 24 <sup>40</sup>    | 29 <sup>58</sup>  | 28 <sup>55</sup>    | 7 <sup>4</sup>    | 6 <sup>46</sup> | 4 <sup>13</sup> | n.a. |   |   |
| S 5  | 11 56 1  | 0 <sup>II</sup> 42'34  | 20 <sup>21</sup>    | 15 <sup>9</sup>    | 18 <sup>40</sup>    | 9 <sup>28</sup>   | 22 <sup>17</sup>    | 7 <sup>28</sup>  | 24 <sup>44</sup>    | 0 <sup>II</sup> 0 | 28 <sup>57</sup>    | 6 <sup>51</sup>   | 6 <sup>43</sup> | 4 <sup>20</sup> | n.a. |   |   |
| M 6  | 11 59 57 | 1 <sup>40</sup> 09     | 3 <sup>II</sup> 20  | 17 <sup>1</sup>    | 19 <sup>47</sup>    | 10 <sup>13</sup>  | 22 <sup>23</sup>    | 7 <sup>35</sup>  | 24 <sup>47</sup>    | 0 <sup>2</sup>    | 28 <sup>58</sup>    | 6 <sup>40</sup>   | 6 <sup>40</sup> | 4 <sup>27</sup> | n.a. |   |   |
| T 7  | 12 3 54  | 2 <sup>37</sup> 42     | 16 <sup>29</sup>    | 18 <sup>56</sup>   | 20 <sup>55</sup>    | 10 <sup>58</sup>  | 22 <sup>29</sup>    | 7 <sup>42</sup>  | 24 <sup>50</sup>    | 0 <sup>4</sup>    | 29 <sup>0</sup>     | 6 <sup>32</sup>   | 6 <sup>37</sup> | 4 <sup>33</sup> | n.a. |   |   |
| W 8  | 12 7 50  | 3 <sup>35</sup> 14     | 29 <sup>51</sup>    | 20 <sup>53</sup>   | 22 <sup>3</sup>     | 11 <sup>43</sup>  | 22 <sup>36</sup>    | 7 <sup>49</sup>  | 24 <sup>54</sup>    | 0 <sup>6</sup>    | 29 <sup>1</sup>     | 6 <sup>26</sup>   | 6 <sup>34</sup> | 4 <sup>40</sup> | n.a. |   |   |
| T 9  | 12 11 47 | 4 <sup>32</sup> 44     | 13 <sup>II</sup> 23 | 22 <sup>52</sup>   | 23 <sup>11</sup>    | 12 <sup>28</sup>  | 22 <sup>42</sup>    | 7 <sup>56</sup>  | 24 <sup>57</sup>    | 0 <sup>8</sup>    | 29 <sup>2</sup>     | 6 <sup>23</sup>   | 6 <sup>30</sup> | 4 <sup>47</sup> | n.a. |   |   |
| F 10 | 12 15 43 | 5 <sup>30</sup> 12     | 27 <sup>8</sup>     | 24 <sup>52</sup>   | 24 <sup>19</sup>    | 13 <sup>13</sup>  | 22 <sup>49</sup>    | 8 <sup>3</sup>   | 25 <sup>1</sup>     | 0 <sup>10</sup>   | 29 <sup>4</sup>     | 6 <sup>23</sup>   | 6 <sup>27</sup> | 4 <sup>53</sup> | n.a. |   |   |
| S 11 | 12 19 40 | 6 <sup>27</sup> 40     | 11 <sup>3</sup> 5   | 26 <sup>54</sup>   | 25 <sup>27</sup>    | 13 <sup>58</sup>  | 22 <sup>56</sup>    | 8 <sup>10</sup>  | 25 <sup>4</sup>     | 0 <sup>12</sup>   | 29 <sup>5</sup>     | 6 <sup>23</sup>   | 6 <sup>24</sup> | 5 <sup>0</sup>  | n.a. |   |   |
| S 12 | 12 23 36 | 7 <sup>25</sup> 05     | 25 <sup>14</sup>    | 28 <sup>58</sup>   | 26 <sup>36</sup>    | 14 <sup>43</sup>  | 23 <sup>3</sup>     | 8 <sup>17</sup>  | 25 <sup>8</sup>     | 0 <sup>14</sup>   | 29 <sup>6</sup>     | 6 <sup>22</sup>   | 6 <sup>21</sup> | 5 <sup>7</sup>  | n.a. |   |   |
| M13  | 12 27 33 | 8 <sup>22</sup> 29     | 9 <sup>II</sup> 35  | 1 <sup>II</sup> 4  | 27 <sup>44</sup>    | 15 <sup>27</sup>  | 23 <sup>10</sup>    | 8 <sup>24</sup>  | 25 <sup>11</sup>    | 0 <sup>16</sup>   | 29 <sup>8</sup>     | 6 <sup>20</sup>   | 6 <sup>18</sup> | 5 <sup>13</sup> | n.a. |   |   |
| T 14 | 12 31 30 | 9 <sup>19</sup> 52     | 24 <sup>6</sup>     | 3 <sup>11</sup>    | 28 <sup>52</sup>    | 16 <sup>12</sup>  | 23 <sup>17</sup>    | 8 <sup>32</sup>  | 25 <sup>14</sup>    | 0 <sup>18</sup>   | 29 <sup>9</sup>     | 6 <sup>15</sup>   | 6 <sup>15</sup> | 5 <sup>20</sup> | n.a. |   |   |
| W15  | 12 35 26 | 10 <sup>17</sup> 13    | 8 <sup>III</sup> 40 | 5 <sup>19</sup>    | 0 <sup>II</sup> 1   | 16 <sup>57</sup>  | 23 <sup>25</sup>    | 8 <sup>39</sup>  | 25 <sup>18</sup>    | 0 <sup>20</sup>   | 29 <sup>10</sup>    | 6 <sup>8</sup>    | 6 <sup>11</sup> | 5 <sup>27</sup> | n.a. |   |   |
| T 16 | 12 39 23 | 11 <sup>14</sup> 33    | 23 <sup>14</sup>    | 7 <sup>29</sup>    | 1 <sup>10</sup>     | 17 <sup>41</sup>  | 23 <sup>32</sup>    | 8 <sup>46</sup>  | 25 <sup>21</sup>    | 0 <sup>21</sup>   | 29 <sup>12</sup>    | 5 <sup>58</sup>   | 6 <sup>8</sup>  | 5 <sup>33</sup> | n.a. |   |   |
| F 17 | 12 43 19 | 12 <sup>11</sup> 51    | 7 <sup>II</sup> 39  | 9 <sup>39</sup>    | 2 <sup>18</sup>     | 18 <sup>26</sup>  | 23 <sup>40</sup>    | 8 <sup>53</sup>  | 25 <sup>24</sup>    | 0 <sup>23</sup>   | 29 <sup>13</sup>    | 5 <sup>47</sup>   | 6 <sup>5</sup>  | 5 <sup>40</sup> | n.a. |   |   |
| S 18 | 12 47 16 | 13 <sup>9</sup> 09     | 21 <sup>50</sup>    | 11 <sup>50</sup>   | 3 <sup>27</sup>     | 19 <sup>10</sup>  | 23 <sup>47</sup>    | 9 <sup>1</sup>   | 25 <sup>28</sup>    | 0 <sup>25</sup>   | 29 <sup>14</sup>    | 5 <sup>36</sup>   | 6 <sup>2</sup>  | 5 <sup>47</sup> | n.a. |   |   |
| S 19 | 12 51 12 | 14 <sup>6</sup> 25     | 5 <sup>III</sup> 40 | 14 <sup>1</sup>    | 4 <sup>36</sup>     | 19 <sup>55</sup>  | 23 <sup>55</sup>    | 9 <sup>8</sup>   | 25 <sup>31</sup>    | 0 <sup>27</sup>   | 29 <sup>16</sup>    | 5 <sup>25</sup>   | 5 <sup>59</sup> | 5 <sup>53</sup> | n.a. |   |   |
| M20  | 12 55 9  | 15 <sup>3</sup> 41     | 19 <sup>7</sup>     | 16 <sup>13</sup>   | 5 <sup>45</sup>     | 20 <sup>39</sup>  | 24 <sup>3</sup>     | 9 <sup>16</sup>  | 25 <sup>34</sup>    | 0 <sup>28</sup>   | 29 <sup>17</sup>    | 5 <sup>17</sup>   | 5 <sup>56</sup> | 6 <sup>0</sup>  | n.a. |   |   |
| T 21 | 12 59 5  | 16 <sup>0</sup> 56     | 2 <sup>II</sup> 10  | 18 <sup>24</sup>   | 6 <sup>54</sup>     | 21 <sup>23</sup>  | 24 <sup>11</sup>    | 9 <sup>23</sup>  | 25 <sup>38</sup>    | 0 <sup>30</sup>   | 29 <sup>18</sup>    | 5 <sup>11</sup>   | 5 <sup>52</sup> | 6 <sup>7</sup>  | n.a. |   |   |
| W22  | 13 3 2   | 16 <sup>58</sup> 11    | 14 <sup>50</sup>    | 20 <sup>35</sup>   | 8 <sup>3</sup>      | 22 <sup>8</sup>   | 24 <sup>19</sup>    | 9 <sup>30</sup>  | 25 <sup>41</sup>    | 0 <sup>32</sup>   | 29 <sup>20</sup>    | 5 <sup>7</sup>    | 5 <sup>49</sup> | 6 <sup>13</sup> | n.a. |   |   |
| T 23 | 13 6 59  | 17 <sup>55</sup> 25    | 27 <sup>10</sup>    | 22 <sup>46</sup>   | 9 <sup>13</sup>     | 22 <sup>52</sup>  | 24 <sup>28</sup>    | 9 <sup>38</sup>  | 25 <sup>44</sup>    | 0 <sup>34</sup>   | 29 <sup>21</sup>    | 5 <sup>6</sup>    | 5 <sup>46</sup> | 6 <sup>20</sup> | n.a. |   |   |
| F 24 | 13 10 55 | 18 <sup>52</sup> 38    | 9 <sup>3</sup> 14   | 24 <sup>55</sup>   | 10 <sup>22</sup>    | 23 <sup>36</sup>  | 24 <sup>36</sup>    | 9 <sup>46</sup>  | 25 <sup>47</sup>    | 0 <sup>35</sup>   | 29 <sup>22</sup>    | 5 <sup>D</sup> 5  | 5 <sup>43</sup> | 6 <sup>27</sup> | n.a. |   |   |
| S 25 | 13 14 52 | 19 <sup>49</sup> 51    | 21 <sup>8</sup>     | 27 <sup>4</sup>    | 11 <sup>31</sup> </ |                   |                     |                  |                     |                   |                     |                   |                 |                 |      |   |   |

SWISS EPHEMERIS for the year 1592 BCE

MAY 1592 BCE (-1591) JC

00:00 UT

| Day  | Sid.t    | ☉        | ☽       | ♀       | ♁        | ♂        | ♃        | ♄        | ♅        | ♆      | ♇        | ♈      | ♉      | ♊      | ♋    | ♌ | ♍ |
|------|----------|----------|---------|---------|----------|----------|----------|----------|----------|--------|----------|--------|--------|--------|------|---|---|
| F 1  | 13 38 31 | 25°32'56 | 3°39'39 | 9°19'19 | 18°18'29 | 28°28'43 | 25°25'38 | 10°10'39 | 26°26'10 | 0°0°46 | 29°29'31 | 4°4°31 | 5°5°21 | 7°7°13 | n.a. |   |   |
| S 2  | 13 42 28 | 26°30'05 | 16°28   | 11°15   | 19°39    | 29°27    | 25°48    | 10°47    | 26°13    | 0°48   | 29°32    | 4°19   | 5°17   | 7°20   | n.a. |   |   |
| S 3  | 13 46 24 | 27°27'13 | 29°34   | 13° 8   | 20°49    | 0°10     | 25°57    | 10°54    | 26°16    | 0°49   | 29°34    | 4° 8   | 5°14   | 7°27   | n.a. |   |   |
| M 4  | 13 50 21 | 28°24'22 | 12°53   | 14°59   | 21°59    | 0°54     | 26° 7    | 11° 2    | 26°19    | 0°50   | 29°35    | 3°59   | 5°11   | 7°33   | n.a. |   |   |
| T 5  | 13 54 17 | 29°21'29 | 26°25   | 16°48   | 23° 9    | 1°37     | 26°16    | 11°10    | 26°22    | 0°52   | 29°36    | 3°51   | 5° 8   | 7°40   | n.a. |   |   |
| W 6  | 13 58 14 | 0°18'36  | 10°11   | 18°34   | 24°19    | 2°20     | 26°26    | 11°18    | 26°25    | 0°53   | 29°37    | 3°47   | 5° 5   | 7°47   | n.a. |   |   |
| T 7  | 14 2 10  | 1°15'43  | 23°59   | 20°18   | 25°29    | 3° 3     | 26°36    | 11°26    | 26°28    | 0°55   | 29°38    | 3°45   | 5° 2   | 7°53   | n.a. |   |   |
| F 8  | 14 6 7   | 2°12'49  | 7°55'12 | 22° 0   | 26°40    | 3°47     | 26°46    | 11°33    | 26°31    | 0°56   | 29°40    | 3°D44  | 4°58   | 8° 0   | n.a. |   |   |
| S 9  | 14 10 3  | 3° 9'54  | 22° 0   | 23°39   | 27°50    | 4°30     | 26°56    | 11°41    | 26°34    | 0°57   | 29°41    | 3°45   | 4°55   | 8° 7   | n.a. |   |   |
| S 10 | 14 14 0  | 4° 6'59  | 6° 8    | 25°16   | 29° 0    | 5°13     | 27° 6    | 11°49    | 26°37    | 0°58   | 29°42    | 3°R45  | 4°52   | 8°13   | n.a. |   |   |
| M11  | 14 17 57 | 5° 4'03  | 20°19   | 26°50   | 0°11     | 5°56     | 27°16    | 11°57    | 26°40    | 1° 0   | 29°43    | 3°44   | 4°49   | 8°20   | n.a. |   |   |
| T 12 | 14 21 53 | 6° 1'07  | 4°32    | 28°22   | 1°21     | 6°39     | 27°26    | 12° 5    | 26°42    | 1° 1   | 29°44    | 3°41   | 4°46   | 8°27   | n.a. |   |   |
| W13  | 14 25 50 | 6°58'10  | 18°44   | 29°52   | 2°32     | 7°21     | 27°37    | 12°13    | 26°45    | 1° 2   | 29°45    | 3°36   | 4°42   | 8°33   | n.a. |   |   |
| T 14 | 14 29 46 | 7°55'12  | 2°52    | 1°18    | 3°42     | 8° 4     | 27°47    | 12°20    | 26°48    | 1° 3   | 29°46    | 3°29   | 4°39   | 8°40   | n.a. |   |   |
| F 15 | 14 33 43 | 8°52'14  | 16°51   | 2°43    | 4°53     | 8°47     | 27°57    | 12°28    | 26°51    | 1° 4   | 29°48    | 3°20   | 4°36   | 8°47   | n.a. |   |   |
| S 16 | 14 37 39 | 9°49'16  | 0°18    | 4° 5    | 6° 4     | 9°29     | 28° 8    | 12°36    | 26°54    | 1° 5   | 29°49    | 3°12   | 4°33   | 8°53   | n.a. |   |   |
| S 17 | 14 41 36 | 10°46'18 | 27° 8   | 5°24    | 7°14     | 10°12    | 28°19    | 12°44    | 26°56    | 1° 6   | 29°50    | 3° 4   | 4°30   | 9° 0   | n.a. |   |   |
| M18  | 14 45 32 | 11°43'20 | 27°20   | 6°41    | 8°25     | 10°54    | 28°29    | 12°52    | 26°59    | 1° 7   | 29°51    | 2°57   | 4°27   | 9° 7   | n.a. |   |   |
| T 19 | 14 49 29 | 12°40'22 | 10°13   | 7°55    | 9°36     | 11°36    | 28°40    | 13° 0    | 27° 2    | 1° 8   | 29°52    | 2°53   | 4°23   | 9°13   | n.a. |   |   |
| W20  | 14 53 25 | 13°37'24 | 22°47   | 9° 6    | 10°47    | 12°18    | 28°51    | 13° 8    | 27° 4    | 1° 9   | 29°53    | 2°50   | 4°20   | 9°20   | n.a. |   |   |
| T 21 | 14 57 22 | 14°34'27 | 5° 4    | 10°14   | 11°58    | 13° 1    | 29° 2    | 13°15    | 27° 7    | 1°10   | 29°54    | 2°D50  | 4°17   | 9°27   | n.a. |   |   |
| F 22 | 15 1 19  | 15°31'30 | 17° 8   | 11°20   | 13° 9    | 13°43    | 29°13    | 13°23    | 27° 9    | 1°11   | 29°55    | 2°51   | 4°14   | 9°33   | n.a. |   |   |
| S 23 | 15 5 15  | 16°28'33 | 29° 2   | 12°22   | 14°20    | 14°25    | 29°24    | 13°31    | 27°12    | 1°12   | 29°56    | 2°52   | 4°11   | 9°40   | n.a. |   |   |
| S 24 | 15 9 12  | 17°25'36 | 10°53   | 13°22   | 15°31    | 15° 6    | 29°35    | 13°39    | 27°14    | 1°13   | 29°57    | 2°53   | 4° 7   | 9°47   | n.a. |   |   |
| M25  | 15 13 8  | 18°22'40 | 22°44   | 14°18   | 16°43    | 15°48    | 29°47    | 13°47    | 27°17    | 1°14   | 29°58    | 2°R53  | 4° 4   | 9°53   | n.a. |   |   |
| T 26 | 15 17 5  | 19°19'45 | 4°41    | 15°11   | 17°54    | 16°30    | 29°58    | 13°55    | 27°19    | 1°14   | 29°59    | 2°52   | 4° 1   | 10° 0  | n.a. |   |   |
| W27  | 15 21 1  | 20°16'50 | 16°49   | 16° 1   | 19° 5    | 17°12    | 0°9      | 14° 3    | 27°22    | 1°15   | 0°0      | 2°49   | 3°58   | 10° 7  | n.a. |   |   |
| T 28 | 15 24 58 | 21°13'55 | 29°12   | 16°47   | 20°16    | 17°53    | 0°21     | 14°11    | 27°24    | 1°16   | 0° 1     | 2°44   | 3°55   | 10°13  | n.a. |   |   |
| F 29 | 15 28 54 | 22°11'01 | 11°52   | 17°30   | 21°28    | 18°34    | 0°32     | 14°18    | 27°26    | 1°17   | 0° 2     | 2°38   | 3°52   | 10°20  | n.a. |   |   |
| S 30 | 15 32 51 | 23° 8'08 | 24°52   | 18° 9   | 22°39    | 19°16    | 0°44     | 14°26    | 27°29    | 1°17   | 0° 2     | 2°32   | 3°48   | 10°27  | n.a. |   |   |
| S 31 | 15 36 48 | 24° 5'15 | 8°12    | 18°44   | 23°51    | 19°57    | 0°56     | 14°34    | 27°31    | 1°18   | 0°0      | 2°25   | 3°45   | 10°33  | n.a. |   |   |

Delta T = 10h39m49s Julian Calendar 1 May 1592 BCE == Greg. Calendar 17 Apr. 1592 BCE  
 The year -1591 astronomical counting style corresponds to year 1592 B.C.E historical counting style.

JUNE 1592 BCE (-1591) JC

00:00 UT

| Day  | Sid.t    | ☉        | ☽     | ♀      | ♁     | ♂     | ♃    | ♄     | ♅     | ♆     | ♇    | ♈     | ♉    | ♊     | ♋    | ♌ | ♍ |
|------|----------|----------|-------|--------|-------|-------|------|-------|-------|-------|------|-------|------|-------|------|---|---|
| M 1  | 15 40 44 | 25° 2'23 | 21°52 | 19°15  | 25° 2 | 20°38 | 1° 7 | 14°42 | 27°33 | 1°18  | 0° 4 | 2°R20 | 3°42 | 10°40 | n.a. |   |   |
| T 2  | 15 44 41 | 25°59'31 | 5°47  | 19°41  | 26°14 | 21°19 | 1°19 | 14°50 | 27°35 | 1°19  | 0° 5 | 2°16  | 3°39 | 10°47 | n.a. |   |   |
| W 3  | 15 48 37 | 26°56'40 | 19°55 | 20° 4  | 27°26 | 22° 0 | 1°31 | 14°57 | 27°37 | 1°20  | 0° 6 | 2°14  | 3°36 | 10°53 | n.a. |   |   |
| T 4  | 15 52 34 | 27°53'49 | 4°11  | 20°22  | 28°38 | 22°41 | 1°43 | 15° 5 | 27°40 | 1°20  | 0° 7 | 2°D13 | 3°33 | 11° 0 | n.a. |   |   |
| F 5  | 15 56 30 | 28°50'59 | 18°31 | 20°35  | 29°49 | 23°22 | 1°55 | 15°13 | 27°42 | 1°21  | 0° 7 | 2°14  | 3°29 | 11° 7 | n.a. |   |   |
| S 6  | 16 0 27  | 29°48'09 | 2°51  | 20°43  | 1° 1  | 24° 2 | 2° 7 | 15°21 | 27°44 | 1°21  | 0° 8 | 2°15  | 3°26 | 11°13 | n.a. |   |   |
| S 7  | 16 4 24  | 0°45'20  | 17° 8 | 20°R47 | 2°13  | 24°43 | 2°19 | 15°28 | 27°46 | 1°21  | 0° 9 | 2°17  | 3°23 | 11°20 | n.a. |   |   |
| M 8  | 16 8 20  | 1°42'30  | 1°20  | 20°46  | 3°25  | 25°23 | 2°31 | 15°36 | 27°48 | 1°22  | 0°10 | 2°R17 | 3°20 | 11°27 | n.a. |   |   |
| T 9  | 16 12 17 | 2°39'41  | 15°25 | 20°40  | 4°37  | 26° 3 | 2°43 | 15°44 | 27°49 | 1°22  | 0°11 | 2°17  | 3°17 | 11°34 | n.a. |   |   |
| W10  | 16 16 13 | 3°36'53  | 29°21 | 20°29  | 5°49  | 26°43 | 2°55 | 15°51 | 27°51 | 1°22  | 0°11 | 2°15  | 3°13 | 11°40 | n.a. |   |   |
| T 11 | 16 20 10 | 4°34'05  | 13° 7 | 20°13  | 7° 1  | 27°24 | 3° 7 | 15°59 | 27°53 | 1°23  | 0°12 | 2°12  | 3°10 | 11°47 | n.a. |   |   |
| F 12 | 16 24 6  | 5°31'17  | 26°41 | 19°53  | 8°13  | 28° 3 | 3°20 | 16° 7 | 27°55 | 1°23  | 0°13 | 2° 8  | 3° 7 | 11°54 | n.a. |   |   |
| S 13 | 16 28 3  | 6°28'31  | 10° 1 | 19°27  | 9°25  | 28°43 | 3°32 | 16°14 | 27°57 | 1°23  | 0°13 | 2° 4  | 3° 4 | 12° 0 | n.a. |   |   |
| S 14 | 16 31 59 | 7°25'45  | 23° 8 | 18°58  | 10°37 | 29°23 | 3°44 | 16°22 | 27°58 | 1°23  | 0°14 | 2° 1  | 3° 1 | 12° 7 | n.a. |   |   |
| M15  | 16 35 56 | 8°22'59  | 5°59  | 18°25  | 11°50 | 0° 3  | 3°57 | 16°29 | 28° 0 | 1°23  | 0°14 | 1°58  | 2°58 | 12°14 | n.a. |   |   |
| T 16 | 16 39 53 | 9°20'15  | 18°36 | 17°48  | 13° 2 | 0°42  | 4° 9 | 16°37 | 28° 1 | 1°23  | 0°15 | 1°56  | 2°54 | 12°20 | n.a. |   |   |
| W17  | 16 43 49 | 10°17'32 | 0°59  | 17° 8  | 14°14 | 1°21  | 4°22 | 16°44 | 28° 3 | 1°24  | 0°16 | 1°D55 | 2°51 | 12°27 | n.a. |   |   |
| T 18 | 16 47 46 | 11°14'50 | 13° 9 | 16°26  | 15°27 | 2° 1  | 4°34 | 16°52 | 28° 5 | 1°24  | 0°16 | 1°56  | 2°48 | 12°34 | n.a. |   |   |
| F 19 | 16 51 42 | 12°12'09 | 25°10 | 15°42  | 16°39 | 2°40  | 4°47 | 16°59 | 28° 6 | 1°R24 | 0°17 | 1°57  | 2°45 | 12°40 | n.a. |   |   |
| S 20 | 16 55 39 | 13° 9'30 | 7° 3  | 14°57  | 17°52 | 3°19  | 4°59 | 17° 6 | 28° 7 | 1°24  | 0°17 | 1°58  | 2°42 | 12°47 | n.a. |   |   |
| S 21 | 16 59 35 | 14° 6'52 | 18°53 | 14°12  | 19° 4 | 3°58  | 5°12 | 17°14 | 28° 9 | 1°23  | 0°18 | 2° 0  | 2°39 | 12°54 | n.a. |   |   |
| M22  | 17 3 32  | 15° 4'14 | 0°44  | 13°27  | 20°17 | 4°37  | 5°24 | 17°21 | 28°10 | 1°23  | 0°18 | 2° 1  | 2°35 | 13° 0 | n.a. |   |   |
| T 23 | 17 7 28  | 16° 1'39 | 12°41 | 12°44  | 21°29 | 5°15  | 5°37 | 17°28 | 28°11 | 1°23  | 0°19 | 2°R 2 | 2°32 | 13° 7 | n.a. |   |   |
| W24  | 17 11 25 | 16°59'05 | 24°49 | 12° 4  | 22°42 | 5°54  | 5°50 | 17°36 | 28°13 | 1°23  | 0°19 | 2° 1  | 2°29 | 13°14 | n.a. |   |   |
| T 25 | 17 15 22 | 17°56'32 | 7°11  | 11°26  | 23°55 | 6°32  | 6° 3 | 17°43 | 28°14 | 1°23  | 0°20 | 2° 1  | 2°26 | 13°20 | n.a. |   |   |
| F 26 | 17 19 18 | 18°54'01 | 19°52 | 10°53  | 25° 8 | 7°10  | 6°15 | 17°50 | 28°15 | 1°23  | 0°20 | 1°59  | 2°23 | 13°27 | n.a. |   |   |
| S 27 | 17 23 15 | 19°51'31 | 2°56  | 10°23  | 26°21 | 7°48  | 6°28 | 17°57 | 28°16 | 1°22  | 0°20 | 1°58  | 2°19 | 13°34 | n.a. |   |   |
| S 28 | 17 27 11 | 20°49'03 | 16°23 | 10° 0  | 27°33 | 8°26  | 6°41 | 18° 4 | 28°17 | 1°22  | 0°21 | 1°56  | 2°16 | 13°40 | n.a. |   |   |
| M29  | 17 31 8  | 21°46'36 | 0°13  | 9°41   | 28°46 | 9° 4  | 6°54 | 18°11 | 28°18 | 1°22  | 0°21 | 1°55  | 2°13 | 13°47 | n.a. |   |   |
| T 30 | 17 35 4  | 22°44'11 | 14°25 | 9°29   | 29°59 | 9°42  | 7° 7 | 18°18 | 28°19 | 1°21  | 0°21 | 1°54  | 2°10 | 13°54 | n.a. |   |   |

Delta T = 10h39m47s Julian Calendar created from Swiss Ephemeris, Copyright Astrodiens AG [7.2.2007]

SWISS EPHEMERIS for the year 1592 BCE

JULY 1592 BCE (-1591) JC

00:00 UT

| Day  | Sid.t    | ☉         | ☽      | ♀     | ♂     | ♃     | ♄     | ♅     | ♆      | ♇     | ♁     | ♂     | ♁    | ♃     | ♄    |
|------|----------|-----------|--------|-------|-------|-------|-------|-------|--------|-------|-------|-------|------|-------|------|
| W 1  | 17 39 1  | 23II41'48 | 28II55 | 9°D24 | 1II12 | 10Y19 | 7E20  | 18B25 | 28K20  | 1°R21 | 0Y22  | 1°D54 | 2E 7 | 14≈ 0 | n.a. |
| T 2  | 17 42 57 | 24°39'25  | 13E36  | 9II25 | 2°25  | 10°57 | 7°33  | 18°32 | 28°21  | 1K21  | 0°22  | 1E54  | 2° 4 | 14° 7 | n.a. |
| F 3  | 17 46 54 | 25°37'05  | 28°21  | 9°33  | 3°39  | 11°34 | 7°46  | 18°39 | 28°22  | 1°20  | 0°22  | 1°55  | 2° 0 | 14°14 | n.a. |
| S 4  | 17 50 51 | 26°34'45  | 13Ω 5  | 9°48  | 4°52  | 12°11 | 7°58  | 18°46 | 28°22  | 1°20  | 0°22  | 1°55  | 1°57 | 14°21 | n.a. |
| S 5  | 17 54 47 | 27°32'26  | 27°41  | 10°11 | 6° 5  | 12°48 | 8°11  | 18°52 | 28°23  | 1°19  | 0°23  | 1°55  | 1°54 | 14°27 | n.a. |
| M 6  | 17 58 44 | 28°30'09  | 12M 4  | 10°40 | 7°18  | 13°25 | 8°24  | 18°59 | 28°24  | 1°19  | 0°23  | 1°56  | 1°51 | 14°34 | n.a. |
| T 7  | 18 2 40  | 29°27'53  | 26°11  | 11°17 | 8°32  | 14° 1 | 8°37  | 19° 6 | 28°24  | 1°18  | 0°23  | 1°R56 | 1°48 | 14°41 | n.a. |
| W 8  | 18 6 37  | 0E25'38   | 10Ω 1  | 12° 2 | 9°45  | 14°38 | 8°51  | 19°12 | 28°25  | 1°18  | 0°23  | 1°56  | 1°45 | 14°47 | n.a. |
| T 9  | 18 10 33 | 1°23'25   | 23°34  | 12°53 | 10°58 | 15°14 | 9° 4  | 19°19 | 28°25  | 1°17  | 0°23  | 1°56  | 1°41 | 14°54 | n.a. |
| F 10 | 18 14 30 | 2°21'13   | 6M49   | 13°50 | 12°12 | 15°50 | 9°17  | 19°25 | 28°26  | 1°16  | 0°23  | 1°D56 | 1°38 | 15° 1 | n.a. |
| S 11 | 18 18 26 | 3°19'02   | 19°48  | 14°55 | 13°25 | 16°26 | 9°30  | 19°32 | 28°26  | 1°16  | 0°24  | 1°56  | 1°35 | 15° 7 | n.a. |
| S 12 | 18 22 23 | 4°16'53   | 2A33   | 16° 5 | 14°39 | 17° 2 | 9°43  | 19°38 | 28°27  | 1°15  | 0°24  | 1°56  | 1°32 | 15°14 | n.a. |
| M13  | 18 26 20 | 5°14'45   | 15° 4  | 17°22 | 15°52 | 17°38 | 9°56  | 19°45 | 28°27  | 1°14  | 0°24  | 1°56  | 1°29 | 15°21 | n.a. |
| T 14 | 18 30 16 | 6°12'40   | 27°25  | 18°44 | 17° 6 | 18°13 | 10° 9 | 19°51 | 28°27  | 1°13  | 0°24  | 1°R56 | 1°25 | 15°27 | n.a. |
| W15  | 18 34 13 | 7°10'35   | 9B35   | 20°11 | 18°20 | 18°49 | 10°22 | 19°57 | 28°27  | 1°12  | 0°R24 | 1°56  | 1°22 | 15°34 | n.a. |
| T 16 | 18 38 9  | 8° 8'33   | 21°36  | 21°44 | 19°33 | 19°24 | 10°35 | 20° 3 | 28°28  | 1°12  | 0°24  | 1°56  | 1°19 | 15°41 | n.a. |
| F 17 | 18 42 6  | 9° 6'32   | 3≈32   | 23°20 | 20°47 | 19°59 | 10°48 | 20° 9 | 28°28  | 1°11  | 0°24  | 1°55  | 1°16 | 15°47 | n.a. |
| S 18 | 18 46 2  | 10° 4'33  | 15°23  | 25° 1 | 22° 1 | 20°33 | 11° 1 | 20°15 | 28°28  | 1°10  | 0°24  | 1°54  | 1°13 | 15°54 | n.a. |
| S 19 | 18 49 59 | 11° 2'37  | 27°13  | 26°45 | 23°15 | 21° 8 | 11°14 | 20°21 | 28°R28 | 1° 9  | 0°24  | 1°53  | 1°10 | 16° 1 | n.a. |
| M20  | 18 53 55 | 12° 0'42  | 9K 4   | 28°32 | 24°29 | 21°42 | 11°28 | 20°27 | 28°28  | 1° 8  | 0°23  | 1°52  | 1° 6 | 16° 7 | n.a. |
| T 21 | 18 57 52 | 12°58'49  | 21° 1  | 0E21  | 25°43 | 22°17 | 11°41 | 20°33 | 28°28  | 1° 7  | 0°23  | 1°51  | 1° 3 | 16°14 | n.a. |
| W22  | 19 1 49  | 13°56'58  | 3Y 6   | 2°12  | 26°57 | 22°51 | 11°54 | 20°39 | 28°27  | 1° 6  | 0°23  | 1°50  | 1° 0 | 16°21 | n.a. |
| T 23 | 19 5 45  | 14°55'10  | 15°26  | 4° 6  | 28°11 | 23°24 | 12° 7 | 20°45 | 28°27  | 1° 5  | 0°23  | 1°D50 | 0°57 | 16°28 | n.a. |
| F 24 | 19 9 42  | 15°53'23  | 28° 3  | 6° 0  | 29°25 | 23°58 | 12°20 | 20°50 | 28°27  | 1° 4  | 0°23  | 1°50  | 0°54 | 16°34 | n.a. |
| S 25 | 19 13 38 | 16°51'39  | 11B 3  | 7°55  | 0E39  | 24°31 | 12°33 | 20°56 | 28°27  | 1° 3  | 0°23  | 1°51  | 0°51 | 16°41 | n.a. |
| S 26 | 19 17 35 | 17°49'57  | 24°26  | 9°51  | 1°53  | 25° 5 | 12°46 | 21° 1 | 28°26  | 1° 2  | 0°22  | 1°52  | 0°47 | 16°48 | n.a. |
| M27  | 19 21 31 | 18°48'18  | 8II17  | 11°47 | 3° 7  | 25°38 | 12°59 | 21° 7 | 28°26  | 1° 1  | 0°22  | 1°53  | 0°44 | 16°54 | n.a. |
| T 28 | 19 25 28 | 19°46'40  | 2E34   | 13°43 | 4°21  | 26°10 | 13°12 | 21°12 | 28°26  | 1° 0  | 0°22  | 1°54  | 0°41 | 17° 1 | n.a. |
| W29  | 19 29 24 | 20°45'05  | 7E13   | 15°39 | 5°36  | 26°43 | 13°25 | 21°17 | 28°25  | 0°58  | 0°22  | 1°R54 | 0°38 | 17° 8 | n.a. |
| T 30 | 19 33 21 | 21°43'32  | 22°10  | 17°35 | 6°50  | 27°15 | 13°38 | 21°23 | 28°25  | 0°57  | 0°21  | 1°53  | 0°35 | 17°14 | n.a. |
| F 31 | 19 37 18 | 22E42'01  | 7Ω17   | 19E30 | 8E 4  | 27Y47 | 13E52 | 21B28 | 28K24  | 0K56  | 0Y21  | 1E52  | 0E31 | 17≈21 | n.a. |

Delta T = 10h39m45s Julian Calendar 1 July 1592 BCE == Greg. Calendar 17 June 1592 BCE  
 The year -1591 astronomical counting style corresponds to year 1592 B.C.E historical counting style.

AUGUST 1592 BCE (-1591) JC

00:00 UT

| Day  | Sid.t    | ☉        | ☽     | ♀     | ♂     | ♃     | ♄     | ♅     | ♆      | ♇     | ♁     | ♂     | ♁      | ♃     | ♄    |
|------|----------|----------|-------|-------|-------|-------|-------|-------|--------|-------|-------|-------|--------|-------|------|
| S 1  | 19 41 14 | 23E40'32 | 22Ω24 | 21E25 | 9E19  | 28Y19 | 14E 5 | 21B33 | 28°R23 | 0°R55 | 0°R21 | 1°R49 | 0E28   | 17≈28 | n.a. |
| S 2  | 19 45 11 | 24°39'05 | 7M 2  | 23°18 | 10°33 | 28°51 | 14°18 | 21°38 | 28K23  | 0K53  | 0Y20  | 1E46  | 0°25   | 17°34 | n.a. |
| M 3  | 19 49 7  | 25°37'39 | 2E 21 | 25°11 | 11°48 | 29°22 | 14°31 | 21°43 | 28°22  | 0°52  | 0°20  | 1°43  | 0°22   | 17°41 | n.a. |
| T 4  | 19 53 4  | 26°36'15 | 6Ω20  | 27° 3 | 13° 2 | 29°53 | 14°44 | 21°47 | 28°21  | 0°51  | 0°20  | 1°41  | 0°19   | 17°48 | n.a. |
| W 5  | 19 57 0  | 27°34'53 | 20°14 | 28°55 | 14°17 | 0B24  | 14°57 | 21°52 | 28°20  | 0°49  | 0°19  | 1°40  | 0°16   | 17°54 | n.a. |
| T 6  | 20 0 57  | 28°33'33 | 3M43  | 0Ω45  | 15°31 | 0°55  | 15° 9 | 21°57 | 28°19  | 0°48  | 0°19  | 1°D39 | 0°12   | 18° 1 | n.a. |
| F 7  | 20 4 53  | 29°32'15 | 16°49 | 2°34  | 16°46 | 1°25  | 15°22 | 22° 1 | 28°18  | 0°47  | 0°18  | 1°40  | 0° 9   | 18° 8 | n.a. |
| S 8  | 20 8 50  | 0Ω30'59  | 29°36 | 4°22  | 18° 0 | 1°55  | 15°35 | 22° 6 | 28°17  | 0°45  | 0°18  | 1°42  | 0° 6   | 18°15 | n.a. |
| S 9  | 20 12 47 | 1°29'44  | 12A 5 | 6° 9  | 19°15 | 2°25  | 15°48 | 22°10 | 28°16  | 0°44  | 0°17  | 1°44  | 0° 3   | 18°21 | n.a. |
| M10  | 20 16 43 | 2°28'32  | 24°22 | 7°56  | 20°30 | 2°54  | 16° 1 | 22°14 | 28°15  | 0°43  | 0°17  | 1°45  | 0° 0   | 18°28 | n.a. |
| T 11 | 20 20 40 | 3°27'21  | 6E28  | 9°41  | 21°44 | 3°24  | 16°14 | 22°19 | 28°14  | 0°41  | 0°16  | 1°R45 | 29II57 | 18°35 | n.a. |
| W12  | 20 24 36 | 4°26'13  | 18°28 | 11°25 | 22°59 | 3°52  | 16°27 | 22°23 | 28°13  | 0°40  | 0°16  | 1°44  | 29°53  | 18°41 | n.a. |
| T 13 | 20 28 33 | 5°25'06  | 0≈22  | 13° 8 | 24°14 | 4°21  | 16°39 | 22°27 | 28°12  | 0°38  | 0°15  | 1°41  | 29°50  | 18°48 | n.a. |
| F 14 | 20 32 29 | 6°24'02  | 12°13 | 14°50 | 25°29 | 4°50  | 16°52 | 22°31 | 28°11  | 0°37  | 0°14  | 1°36  | 29°47  | 18°55 | n.a. |
| S 15 | 20 36 26 | 7°23'00  | 24° 4 | 16°32 | 26°44 | 5°18  | 17° 5 | 22°34 | 28° 9  | 0°35  | 0°14  | 1°30  | 29°44  | 19° 1 | n.a. |
| S 16 | 20 40 23 | 8°22'00  | 5K55  | 18°12 | 27°58 | 5°45  | 17°17 | 22°38 | 28° 8  | 0°34  | 0°13  | 1°23  | 29°41  | 19° 8 | n.a. |
| M17  | 20 44 19 | 9°21'03  | 17°49 | 19°51 | 29°13 | 6°13  | 17°30 | 22°42 | 28° 7  | 0°32  | 0°13  | 1°16  | 29°37  | 19°15 | n.a. |
| T 18 | 20 48 16 | 10°20'07 | 29°48 | 21°30 | 0Ω28  | 6°40  | 17°43 | 22°45 | 28° 5  | 0°31  | 0°12  | 1°10  | 29°34  | 19°21 | n.a. |
| W19  | 20 52 12 | 11°19'14 | 11Y55 | 23° 7 | 1°43  | 7° 7  | 17°55 | 22°49 | 28° 4  | 0°29  | 0°11  | 1° 4  | 29°31  | 19°28 | n.a. |
| T 20 | 20 56 9  | 12°18'24 | 24°14 | 24°44 | 2°58  | 7°33  | 18° 8 | 22°52 | 28° 2  | 0°27  | 0°10  | 1° 1  | 29°28  | 19°35 | n.a. |
| F 21 | 21 0 5   | 13°17'36 | 6B48  | 26°20 | 4°13  | 7°59  | 18°20 | 22°55 | 28° 1  | 0°26  | 0°10  | 0°59  | 29°25  | 19°42 | n.a. |
| S 22 | 21 4 2   | 14°16'51 | 19°40 | 27°55 | 5°28  | 8°25  | 18°33 | 22°59 | 27°59  | 0°24  | 0° 9  | 0°D59 | 29°22  | 19°48 | n.a. |
| S 23 | 21 7 58  | 15°16'08 | 2II56 | 29°29 | 6°43  | 8°51  | 18°45 | 23° 2 | 27°58  | 0°23  | 0° 8  | 1° 0  | 29°18  | 19°55 | n.a. |
| M24  | 21 11 55 | 16°15'27 | 16°37 | 1M 3  | 7°59  | 9°16  | 18°57 | 23° 5 | 27°56  | 0°21  | 0° 8  | 1° 1  | 29°15  | 20° 2 | n.a. |
| T 25 | 21 15 51 | 17°14'50 | 0E46  | 2°35  | 9°14  | 9°40  | 19°10 | 23° 7 | 27°54  | 0°19  | 0° 7  | 1°R 2 | 29°12  | 20° 8 | n.a. |
| W26  | 21 19 48 | 18°14'14 | 15°21 | 4° 7  | 10°29 | 10° 5 | 19°22 | 23°10 | 27°53  | 0°18  | 0° 6  | 1° 1  | 29° 9  | 20°15 | n.a. |
| T 27 | 21 23 45 | 19°13'41 | 0Ω18  | 5°38  | 11°44 | 10°29 | 19°34 | 23°13 | 27°51  | 0°16  | 0° 5  | 0°58  | 29° 6  | 20°22 | n.a. |
| F 28 | 21 27 41 | 20°13'10 | 15°31 | 7° 8  | 12°59 | 10°52 | 19°46 | 23°15 | 27°49  | 0°14  | 0° 4  | 0°53  | 29° 3  | 20°28 | n.a. |
| S 29 | 21 31 38 | 21°12'42 | 0M50  | 8°38  | 14°14 | 11°15 | 19°59 | 23°18 | 27°47  | 0°13  | 0° 3  | 0°46  | 28°59  | 20°35 | n.a. |
| S 30 | 21 35 34 | 22°12'15 | 16° 2 | 10° 6 | 15°30 | 11°38 | 20°11 | 23°20 | 27°45  | 0°11  | 0° 3  | 0°38  | 28°56  | 20°42 | n.a. |
| M31  | 21 39 31 | 23Ω11'51 | 0E59  | 11M34 | 16Ω45 | 12B 0 | 20E23 | 23B22 | 27K43  | 0K10  | 0Y 2  | 0E30  | 28II53 | 20≈48 | n.a. |

Delta T = 10h39m43s Julian Calendar created from Swiss Ephemeris, Copyright Astrodienst AG [7.2.2007]

SWISS EPHEMERIS for the year 1592 BCE

SEPTEMBER 1592 BCE (-1591) JC

00:00 UT

| Day  | Sid.t    | ☉        | ☽     | ♀      | ♁     | ♂     | ♃      | ♄      | ♅      | ♆      | ♇      | ♈       | ♉       | ♊      | ♋    | ♌ | ♍ |
|------|----------|----------|-------|--------|-------|-------|--------|--------|--------|--------|--------|---------|---------|--------|------|---|---|
| T 1  | 21 43 27 | 24♌11'28 | 15♊31 | 13♍1   | 18♌0  | 12♉22 | 20♌35  | 23♉25  | 27°R41 | 0°R 8  | 0°R 1  | 0°R23   | 28♊50   | 20♌55  | n.a. |   |   |
| W 2  | 21 47 24 | 25°11'08 | 29°35 | 14°27  | 19°16 | 12°44 | 20°47  | 23°27  | 27°K39 | 0°K 6  | 0°Y 0  | 0°S18   | 28°47   | 21° 2  | n.a. |   |   |
| T 3  | 21 51 20 | 26°10'49 | 13♌10 | 15°52  | 20°31 | 13° 5 | 20°58  | 23°28  | 27°37  | 0° 4   | 29°K59 | 0°15    | 28°43   | 21° 9  | n.a. |   |   |
| F 4  | 21 55 17 | 27°10'32 | 26°17 | 17°17  | 21°46 | 13°25 | 21°10  | 23°30  | 27°35  | 0° 3   | 29°58  | 0°D14   | 28°40   | 21°15  | n.a. |   |   |
| S 5  | 21 59 14 | 28°10'17 | 9♉ 0  | 18°40  | 23° 2 | 13°45 | 21°22  | 23°32  | 27°33  | 0° 1   | 29°57  | 0°15    | 28°37   | 21°22  | n.a. |   |   |
| S 6  | 22 3 10  | 29°10'04 | 21°23 | 20° 3  | 24°17 | 14° 5 | 21°34  | 23°33  | 27°31  | 29°K59 | 29°56  | 0°16    | 28°34   | 21°29  | n.a. |   |   |
| M 7  | 22 7 7   | 0♍ 9'53  | 3♌32  | 21°24  | 25°32 | 14°24 | 21°45  | 23°35  | 27°29  | 29°58  | 29°55  | 0°R16   | 28°31   | 21°35  | n.a. |   |   |
| T 8  | 22 11 3  | 1° 9'44  | 15°30 | 22°44  | 26°48 | 14°42 | 21°57  | 23°36  | 27°27  | 29°56  | 29°54  | 0°15    | 28°28   | 21°42  | n.a. |   |   |
| W 9  | 22 15 0  | 2° 9'37  | 27°23 | 24° 4  | 28° 3 | 15° 0 | 22° 8  | 23°38  | 27°25  | 29°54  | 29°53  | 0°11    | 28°24   | 21°49  | n.a. |   |   |
| T 10 | 22 18 56 | 3° 9'31  | 9♌13  | 25°22  | 29°19 | 15°18 | 22°19  | 23°39  | 27°23  | 29°53  | 29°52  | 0° 5    | 28°21   | 21°55  | n.a. |   |   |
| F 11 | 22 22 53 | 4° 9'28  | 21° 3 | 26°39  | 0♍34  | 15°35 | 22°31  | 23°40  | 27°20  | 29°51  | 29°51  | 29°II56 | 28°18   | 22° 2  | n.a. |   |   |
| S 12 | 22 26 49 | 5° 9'26  | 2♌55  | 27°54  | 1°49  | 15°51 | 22°42  | 23°41  | 27°18  | 29°49  | 29°50  | 29°44   | 28°15   | 22° 9  | n.a. |   |   |
| S 13 | 22 30 46 | 6° 9'27  | 14°51 | 29° 8  | 3° 5  | 16° 7 | 22°53  | 23°41  | 27°16  | 29°48  | 29°49  | 29°32   | 28°12   | 22°16  | n.a. |   |   |
| M14  | 22 34 43 | 7° 9'30  | 26°52 | 0♌20   | 4°20  | 16°23 | 23° 4  | 23°42  | 27°14  | 29°46  | 29°48  | 29°19   | 28° 8   | 22°22  | n.a. |   |   |
| T 15 | 22 38 39 | 8° 9'34  | 8°Y59 | 1°31   | 5°36  | 16°37 | 23°15  | 23°43  | 27°11  | 29°44  | 29°47  | 29° 6   | 28° 5   | 22°29  | n.a. |   |   |
| W16  | 22 42 36 | 9° 9'41  | 21°13 | 2°39   | 6°51  | 16°52 | 23°26  | 23°43  | 27° 9  | 29°43  | 29°46  | 28°56   | 28° 2   | 22°36  | n.a. |   |   |
| T 17 | 22 46 32 | 10° 9'50 | 3♉38  | 3°46   | 8° 7  | 17° 5 | 23°37  | 23°43  | 27° 7  | 29°41  | 29°45  | 28°48   | 27°59   | 22°42  | n.a. |   |   |
| F 18 | 22 50 29 | 11°10'02 | 16°14 | 4°50   | 9°22  | 17°18 | 23°48  | 23°44  | 27° 4  | 29°39  | 29°44  | 28°42   | 27°56   | 22°49  | n.a. |   |   |
| S 19 | 22 54 25 | 12°10'15 | 29° 5 | 5°51   | 10°38 | 17°31 | 23°59  | 23°44  | 27° 2  | 29°38  | 29°43  | 28°40   | 27°53   | 22°56  | n.a. |   |   |
| S 20 | 22 58 22 | 13°10'31 | 12♊15 | 6°49   | 11°53 | 17°42 | 24° 9  | 23°R44 | 27° 0  | 29°36  | 29°42  | 28°D39  | 27°49   | 23° 2  | n.a. |   |   |
| M21  | 23 2 18  | 14°10'49 | 25°46 | 7°44   | 13° 9 | 17°54 | 24°20  | 23°44  | 26°57  | 29°34  | 29°41  | 28°R39  | 27°46   | 23° 9  | n.a. |   |   |
| T 22 | 23 6 15  | 15°11'10 | 9♌41  | 8°35   | 14°24 | 18° 4 | 24°30  | 23°43  | 26°55  | 29°33  | 29°40  | 28°39   | 27°43   | 23°16  | n.a. |   |   |
| W23  | 23 10 12 | 16°11'33 | 24° 1 | 9°23   | 15°40 | 18°14 | 24°41  | 23°43  | 26°52  | 29°31  | 29°39  | 28°37   | 27°40   | 23°22  | n.a. |   |   |
| T 24 | 23 14 8  | 17°11'57 | 8♌44  | 10° 5  | 16°55 | 18°23 | 24°51  | 23°43  | 26°50  | 29°30  | 29°38  | 28°32   | 27°37   | 23°29  | n.a. |   |   |
| F 25 | 23 18 5  | 18°12'24 | 23°45 | 10°43  | 18°11 | 18°31 | 25° 1  | 23°42  | 26°47  | 29°28  | 29°36  | 28°25   | 27°34   | 23°36  | n.a. |   |   |
| S 26 | 23 22 1  | 19°12'53 | 8♍57  | 11°15  | 19°27 | 18°39 | 25°11  | 23°41  | 26°45  | 29°27  | 29°35  | 28°15   | 27°30   | 23°43  | n.a. |   |   |
| S 27 | 23 25 58 | 20°13'23 | 24° 8 | 11°40  | 20°42 | 18°46 | 25°21  | 23°41  | 26°42  | 29°25  | 29°34  | 28° 3   | 27°27   | 23°49  | n.a. |   |   |
| M28  | 23 29 54 | 21°13'55 | 9♌ 8  | 11°59  | 21°58 | 18°52 | 25°31  | 23°40  | 26°40  | 29°23  | 29°33  | 27°52   | 27°24   | 23°56  | n.a. |   |   |
| T 29 | 23 33 51 | 22°14'29 | 23°47 | 12°10  | 23°13 | 18°57 | 25°41  | 23°39  | 26°37  | 29°22  | 29°32  | 27°41   | 27°21   | 24° 3  | n.a. |   |   |
| W30  | 23 37 47 | 23♍15'04 | 8♌ 0  | 12°R12 | 24♍29 | 19♉ 2 | 25°S50 | 23♉38  | 26°K35 | 29°K20 | 29°K31 | 27°II33 | 27°II18 | 24°K 9 | n.a. |   |   |

Delta T = 10h39m41s Julian Calendar 1 Sept. 1592 BCE == Greg. Calendar 18 Aug. 1592 BCE  
 The year -1591 astronomical counting style corresponds to year 1592 B.C.E historical counting style.

OCTOBER 1592 BCE (-1591) JC

00:00 UT

| Day  | Sid.t    | ☉        | ☽     | ♀      | ♁     | ♂      | ♃      | ♄      | ♅      | ♆      | ♇      | ♈       | ♉       | ♊      | ♋    | ♌ | ♍ |
|------|----------|----------|-------|--------|-------|--------|--------|--------|--------|--------|--------|---------|---------|--------|------|---|---|
| T 1  | 23 41 44 | 24♍15'41 | 21♌42 | 12°R 6 | 25♍44 | 19♉ 6  | 26°S 0 | 23°R36 | 26°R32 | 29°R19 | 29°R30 | 27°R27  | 27°II14 | 24°K16 | n.a. |   |   |
| F 2  | 23 45 41 | 25°16'20 | 4♌55  | 11°50  | 27° 0 | 19° 9  | 26° 9  | 23°R35 | 26°K30 | 29°K17 | 29°K29 | 27°II24 | 27°11   | 24°23  | n.a. |   |   |
| S 3  | 23 49 37 | 26°17'00 | 17°42 | 11°24  | 28°16 | 19°11  | 26°19  | 23°34  | 26°27  | 29°16  | 29°27  | 27°23   | 27° 8   | 24°29  | n.a. |   |   |
| S 4  | 23 53 34 | 27°17'41 | 0♉ 7  | 10°47  | 29°31 | 19°13  | 26°28  | 23°32  | 26°25  | 29°14  | 29°26  | 27°23   | 27° 5   | 24°36  | n.a. |   |   |
| M 5  | 23 57 30 | 28°18'23 | 12°15 | 10° 1  | 0♌47  | 19°R14 | 26°37  | 23°30  | 26°22  | 29°13  | 29°25  | 27°23   | 27° 2   | 24°43  | n.a. |   |   |
| T 6  | 0 1 27   | 29°19'07 | 24°12 | 9° 4   | 2° 2  | 19°13  | 26°46  | 23°28  | 26°20  | 29°12  | 29°24  | 27°21   | 26°59   | 24°50  | n.a. |   |   |
| W 7  | 0 5 23   | 0♌19'52  | 6♌ 2  | 7°59   | 3°18  | 19°13  | 26°55  | 23°27  | 26°17  | 29°10  | 29°23  | 27°17   | 26°55   | 24°56  | n.a. |   |   |
| T 8  | 0 9 20   | 1°20'39  | 17°51 | 6°47   | 4°33  | 19°11  | 27° 4  | 23°25  | 26°15  | 29° 9  | 29°22  | 27°10   | 26°52   | 25° 3  | n.a. |   |   |
| F 9  | 0 13 16  | 2°21'26  | 29°42 | 5°29   | 5°49  | 19° 8  | 27°12  | 23°22  | 26°13  | 29° 7  | 29°21  | 27° 0   | 26°49   | 25°10  | n.a. |   |   |
| S 10 | 0 17 13  | 3°22'15  | 11♉38 | 4° 8   | 7° 4  | 19° 5  | 27°21  | 23°20  | 26°10  | 29° 6  | 29°20  | 26°47   | 26°46   | 25°16  | n.a. |   |   |
| S 11 | 0 21 10  | 4°23'05  | 23°41 | 2°46   | 8°20  | 19° 1  | 27°29  | 23°18  | 26° 8  | 29° 5  | 29°18  | 26°33   | 26°43   | 25°23  | n.a. |   |   |
| M12  | 0 25 6   | 5°23'57  | 5°Y52 | 1°27   | 9°36  | 18°56  | 27°37  | 23°15  | 26° 5  | 29° 4  | 29°17  | 26°18   | 26°39   | 25°30  | n.a. |   |   |
| T 13 | 0 29 3   | 6°24'50  | 18°11 | 0°13   | 10°51 | 18°50  | 27°46  | 23°13  | 26° 3  | 29° 2  | 29°16  | 26° 4   | 26°36   | 25°37  | n.a. |   |   |
| W14  | 0 32 59  | 7°25'44  | 0♉40  | 29♍6   | 12° 7 | 18°43  | 27°54  | 23°10  | 26° 0  | 29° 1  | 29°15  | 25°52   | 26°33   | 25°43  | n.a. |   |   |
| T 15 | 0 36 56  | 8°26'40  | 13°19 | 28° 8  | 13°22 | 18°35  | 28° 1  | 23° 8  | 25°58  | 29° 0  | 29°14  | 25°43   | 26°30   | 25°50  | n.a. |   |   |
| F 16 | 0 40 52  | 9°27'37  | 26° 8 | 27°20  | 14°38 | 18°27  | 28° 9  | 23° 5  | 25°55  | 28°59  | 29°13  | 25°37   | 26°27   | 25°57  | n.a. |   |   |
| S 17 | 0 44 49  | 10°28'36 | 9♊ 8  | 26°44  | 15°53 | 18°17  | 28°17  | 23° 2  | 25°53  | 28°57  | 29°12  | 25°34   | 26°24   | 26° 3  | n.a. |   |   |
| S 18 | 0 48 45  | 11°29'36 | 22°22 | 26°19  | 17° 9 | 18° 7  | 28°24  | 22°59  | 25°51  | 28°56  | 29°11  | 25°D33  | 26°20   | 26°10  | n.a. |   |   |
| M19  | 0 52 42  | 12°30'38 | 5♌52  | 26° 6  | 18°24 | 17°56  | 28°32  | 22°56  | 25°48  | 28°55  | 29° 9  | 25°R33  | 26°17   | 26°17  | n.a. |   |   |
| T 20 | 0 56 38  | 13°31'41 | 19°39 | 26°D 4 | 19°40 | 17°44  | 28°39  | 22°53  | 25°46  | 28°54  | 29° 8  | 25°33   | 26°14   | 26°23  | n.a. |   |   |
| W21  | 1 0 35   | 14°32'46 | 3♌44  | 26°12  | 20°55 | 17°31  | 28°46  | 22°49  | 25°44  | 28°53  | 29° 7  | 25°31   | 26°11   | 26°30  | n.a. |   |   |
| T 22 | 1 4 32   | 15°33'51 | 18° 7 | 26°30  | 22°11 | 17°18  | 28°53  | 22°46  | 25°41  | 28°52  | 29° 6  | 25°28   | 26° 8   | 26°37  | n.a. |   |   |
| F 23 | 1 8 28   | 16°34'58 | 2♍46  | 26°57  | 23°26 | 17° 3  | 29° 0  | 22°43  | 25°39  | 28°51  | 29° 5  | 25°21   | 26° 5   | 26°44  | n.a. |   |   |
| S 24 | 1 12 25  | 17°36'07 | 17°35 | 27°32  | 24°42 | 16°48  | 29° 6  | 22°39  | 25°37  | 28°50  | 29° 4  | 25°12   | 26° 1   | 26°50  | n.a. |   |   |
| S 25 | 1 16 21  | 18°37'16 | 2♌26  | 28°14  | 25°57 | 16°32  | 29°13  | 22°35  | 25°34  | 28°49  | 29° 3  | 25° 2   | 25°58   | 26°57  | n.a. |   |   |
| M26  | 1 20 18  | 19°38'26 | 17°11 | 29° 3  | 27°13 | 16°16  | 29°19  | 22°32  | 25°32  | 28°48  | 29° 2  | 24°51   | 25°55   | 27° 4  | n.a. |   |   |
| T 27 | 1 24 14  | 20°39'38 | 1♌42  | 29°57  | 28°28 | 15°58  | 29°25  | 22°28  | 25°30  | 28°47  | 29° 1  | 24°41   | 25°52   | 27°10  | n.a. |   |   |
| W28  | 1 28 11  | 21°40'50 | 15°51 | 0♌55   | 29°44 | 15°40  | 29°31  | 22°24  | 25°28  | 28°46  | 29° 0  | 24°33   | 25°49   | 27°17  | n.a. |   |   |
| T 29 | 1 32 7   | 22°42'02 | 29°34 | 1°58   | 0♍59  | 15°22  | 29°37  | 22°20  | 25°26  | 28°45  | 28°59  | 24°28   | 25°45   | 27°24  | n.a. |   |   |
| F 30 | 1 36 4   | 23°43'16 | 12♉51 | 3° 5   | 2°15  | 15° 2  | 29°43  | 22°16  | 25°23  | 28°45  | 28°58  | 24°25   | 25°42   | 27°30  | n.a. |   |   |
| S 31 | 1 40 1   | 24°44'30 | 25♉42 | 4♌15   | 3♌30  | 14♉42  | 29°S49 | 22♉12  | 25°K21 | 28°K44 | 28°K57 | 24°D24  | 25°II39 | 27°K37 | n.a. |   |   |

Delta T = 10h39m39s Julian Calendar created from Swiss Ephemeris, Copyright Astrodiens AG [7.2.2007]

SWISS EPHEMERIS for the year 1592 BCE

NOVEMBER 1592 BCE (-1591) JC

00:00 UT

| Day  | Sid.t   | ☉                      | ☽                   | ♀                   | ♁                   | ♂                   | ♃                  | ♄                   | ♅                   | ♆                   | ♇                   | ♈                    | ♉                    | ♊                   | ♋    | ♌ | ♍ |
|------|---------|------------------------|---------------------|---------------------|---------------------|---------------------|--------------------|---------------------|---------------------|---------------------|---------------------|----------------------|----------------------|---------------------|------|---|---|
| S 1  | 1 43 57 | 25 <sup>h</sup> 45'44  | 8 <sup>h</sup> 31   | 5 <sup>h</sup> 28   | 4 <sup>h</sup> 46   | 14 <sup>h</sup> R22 | 29 <sup>h</sup> 54 | 22 <sup>h</sup> R 8 | 25 <sup>h</sup> R19 | 28 <sup>h</sup> R43 | 28 <sup>h</sup> R56 | 24 <sup>h</sup> II25 | 25 <sup>h</sup> II36 | 27 <sup>h</sup> ≈44 | n.a. |   |   |
| M 2  | 1 47 54 | 26 <sup>h</sup> 46'59  | 20 <sup>h</sup> 23  | 6 <sup>h</sup> 43   | 6 <sup>h</sup> 1    | 14 <sup>h</sup> B 1 | 29 <sup>h</sup> 59 | 22 <sup>h</sup> B 4 | 25 <sup>h</sup> K17 | 28 <sup>h</sup> ≈42 | 28 <sup>h</sup> K55 | 24 <sup>h</sup> 26   | 25 <sup>h</sup> 33   | 27 <sup>h</sup> 51  | n.a. |   |   |
| T 3  | 1 51 50 | 27 <sup>h</sup> 48'14  | 2 <sup>h</sup> ≈22  | 8 <sup>h</sup> 0    | 7 <sup>h</sup> 16   | 13 <sup>h</sup> 39  | 0 <sup>h</sup> Ω 4 | 21 <sup>h</sup> 59  | 25 <sup>h</sup> 15  | 28 <sup>h</sup> 42  | 28 <sup>h</sup> 54  | 24 <sup>h</sup> R26  | 25 <sup>h</sup> 30   | 27 <sup>h</sup> 57  | n.a. |   |   |
| W 4  | 1 55 47 | 28 <sup>h</sup> 49'29  | 14 <sup>h</sup> 14  | 9 <sup>h</sup> 19   | 8 <sup>h</sup> 32   | 13 <sup>h</sup> 17  | 0 <sup>h</sup> 9   | 21 <sup>h</sup> 55  | 25 <sup>h</sup> 13  | 28 <sup>h</sup> 41  | 28 <sup>h</sup> 53  | 24 <sup>h</sup> 24   | 25 <sup>h</sup> 26   | 28 <sup>h</sup> 4   | n.a. |   |   |
| T 5  | 1 59 43 | 29 <sup>h</sup> 50'45  | 26 <sup>h</sup> 4   | 10 <sup>h</sup> 40  | 9 <sup>h</sup> 47   | 12 <sup>h</sup> 55  | 0 <sup>h</sup> 14  | 21 <sup>h</sup> 51  | 25 <sup>h</sup> 11  | 28 <sup>h</sup> 40  | 28 <sup>h</sup> 52  | 24 <sup>h</sup> 21   | 25 <sup>h</sup> 23   | 28 <sup>h</sup> 11  | n.a. |   |   |
| F 6  | 2 3 40  | 0 <sup>h</sup> 52'00   | 7 <sup>h</sup> K57  | 12 <sup>h</sup> 2   | 11 <sup>h</sup> 3   | 12 <sup>h</sup> 32  | 0 <sup>h</sup> 18  | 21 <sup>h</sup> 46  | 25 <sup>h</sup> 9   | 28 <sup>h</sup> 40  | 28 <sup>h</sup> 51  | 24 <sup>h</sup> 14   | 25 <sup>h</sup> 20   | 28 <sup>h</sup> 17  | n.a. |   |   |
| S 7  | 2 7 36  | 1 <sup>h</sup> 53'16   | 19 <sup>h</sup> 56  | 13 <sup>h</sup> 25  | 12 <sup>h</sup> 18  | 12 <sup>h</sup> 9   | 0 <sup>h</sup> 23  | 21 <sup>h</sup> 42  | 25 <sup>h</sup> 8   | 28 <sup>h</sup> 39  | 28 <sup>h</sup> 50  | 24 <sup>h</sup> 6    | 25 <sup>h</sup> 17   | 28 <sup>h</sup> 24  | n.a. |   |   |
| S 8  | 2 11 33 | 2 <sup>h</sup> 54'32   | 2 <sup>h</sup> Υ 5  | 14 <sup>h</sup> 49  | 13 <sup>h</sup> 33  | 11 <sup>h</sup> 46  | 0 <sup>h</sup> 27  | 21 <sup>h</sup> 37  | 25 <sup>h</sup> 6   | 28 <sup>h</sup> 39  | 28 <sup>h</sup> 49  | 23 <sup>h</sup> 57   | 25 <sup>h</sup> 14   | 28 <sup>h</sup> 31  | n.a. |   |   |
| M 9  | 2 15 30 | 3 <sup>h</sup> 55'49   | 14 <sup>h</sup> 26  | 16 <sup>h</sup> 14  | 14 <sup>h</sup> 49  | 11 <sup>h</sup> 22  | 0 <sup>h</sup> 31  | 21 <sup>h</sup> 33  | 25 <sup>h</sup> 4   | 28 <sup>h</sup> 38  | 28 <sup>h</sup> 48  | 23 <sup>h</sup> 47   | 25 <sup>h</sup> 11   | 28 <sup>h</sup> 38  | n.a. |   |   |
| T 10 | 2 19 26 | 4 <sup>h</sup> 57'05   | 26 <sup>h</sup> 59  | 17 <sup>h</sup> 40  | 16 <sup>h</sup> 4   | 10 <sup>h</sup> 58  | 0 <sup>h</sup> 35  | 21 <sup>h</sup> 28  | 25 <sup>h</sup> 2   | 28 <sup>h</sup> 38  | 28 <sup>h</sup> 47  | 23 <sup>h</sup> 37   | 25 <sup>h</sup> 7    | 28 <sup>h</sup> 44  | n.a. |   |   |
| W11  | 2 23 23 | 5 <sup>h</sup> 58'22   | 9 <sup>h</sup> B46  | 19 <sup>h</sup> 7   | 17 <sup>h</sup> 19  | 10 <sup>h</sup> 35  | 0 <sup>h</sup> 39  | 21 <sup>h</sup> 23  | 25 <sup>h</sup> 0   | 28 <sup>h</sup> 37  | 28 <sup>h</sup> 46  | 23 <sup>h</sup> 29   | 25 <sup>h</sup> 4    | 28 <sup>h</sup> 51  | n.a. |   |   |
| T 12 | 2 27 19 | 6 <sup>h</sup> 59'39   | 22 <sup>h</sup> 45  | 20 <sup>h</sup> 34  | 18 <sup>h</sup> 34  | 10 <sup>h</sup> 11  | 0 <sup>h</sup> 42  | 21 <sup>h</sup> 19  | 24 <sup>h</sup> 59  | 28 <sup>h</sup> 37  | 28 <sup>h</sup> 45  | 23 <sup>h</sup> 23   | 25 <sup>h</sup> 1    | 28 <sup>h</sup> 58  | n.a. |   |   |
| F 13 | 2 31 16 | 8 <sup>h</sup> 0'57    | 5 <sup>h</sup> II55 | 22 <sup>h</sup> 2   | 19 <sup>h</sup> 50  | 9 <sup>h</sup> 47   | 0 <sup>h</sup> 46  | 21 <sup>h</sup> 14  | 24 <sup>h</sup> 57  | 28 <sup>h</sup> 36  | 28 <sup>h</sup> 45  | 23 <sup>h</sup> 19   | 24 <sup>h</sup> 58   | 29 <sup>h</sup> 4   | n.a. |   |   |
| S 14 | 2 35 12 | 9 <sup>h</sup> 2'14    | 19 <sup>h</sup> 17  | 23 <sup>h</sup> 30  | 21 <sup>h</sup> 5   | 9 <sup>h</sup> 23   | 0 <sup>h</sup> 49  | 21 <sup>h</sup> 9   | 24 <sup>h</sup> 56  | 28 <sup>h</sup> 36  | 28 <sup>h</sup> 44  | 23 <sup>h</sup> D18  | 24 <sup>h</sup> 55   | 29 <sup>h</sup> 11  | n.a. |   |   |
| S 15 | 2 39 9  | 10 <sup>h</sup> 3'33   | 2 <sup>h</sup> Ω49  | 24 <sup>h</sup> 59  | 22 <sup>h</sup> 20  | 8 <sup>h</sup> 59   | 0 <sup>h</sup> 52  | 21 <sup>h</sup> 4   | 24 <sup>h</sup> 54  | 28 <sup>h</sup> 36  | 28 <sup>h</sup> 43  | 23 <sup>h</sup> 18   | 24 <sup>h</sup> 51   | 29 <sup>h</sup> 18  | n.a. |   |   |
| M16  | 2 43 5  | 11 <sup>h</sup> 4'51   | 16 <sup>h</sup> 31  | 26 <sup>h</sup> 29  | 23 <sup>h</sup> 36  | 8 <sup>h</sup> 35   | 0 <sup>h</sup> 55  | 20 <sup>h</sup> 59  | 24 <sup>h</sup> 52  | 28 <sup>h</sup> 36  | 28 <sup>h</sup> 42  | 23 <sup>h</sup> 19   | 24 <sup>h</sup> 48   | 29 <sup>h</sup> 25  | n.a. |   |   |
| T 17 | 2 47 2  | 12 <sup>h</sup> 6'10   | 0 <sup>h</sup> Ω23  | 27 <sup>h</sup> 59  | 24 <sup>h</sup> 51  | 8 <sup>h</sup> 11   | 0 <sup>h</sup> 57  | 20 <sup>h</sup> 54  | 24 <sup>h</sup> 51  | 28 <sup>h</sup> 35  | 28 <sup>h</sup> 41  | 23 <sup>h</sup> 21   | 24 <sup>h</sup> 45   | 29 <sup>h</sup> 31  | n.a. |   |   |
| W18  | 2 50 59 | 13 <sup>h</sup> 7'29   | 14 <sup>h</sup> 25  | 29 <sup>h</sup> 29  | 26 <sup>h</sup> 6   | 7 <sup>h</sup> 48   | 1 <sup>h</sup> 0   | 20 <sup>h</sup> 50  | 24 <sup>h</sup> 50  | 28 <sup>h</sup> 35  | 28 <sup>h</sup> 41  | 23 <sup>h</sup> R21  | 24 <sup>h</sup> 42   | 29 <sup>h</sup> 38  | n.a. |   |   |
| T 19 | 2 54 55 | 14 <sup>h</sup> 8'48   | 28 <sup>h</sup> 36  | 1 <sup>h</sup> Ω 0  | 27 <sup>h</sup> 21  | 7 <sup>h</sup> 25   | 1 <sup>h</sup> 2   | 20 <sup>h</sup> 45  | 24 <sup>h</sup> 48  | 28 <sup>h</sup> 35  | 28 <sup>h</sup> 40  | 23 <sup>h</sup> 20   | 24 <sup>h</sup> 39   | 29 <sup>h</sup> 45  | n.a. |   |   |
| F 20 | 2 58 52 | 15 <sup>h</sup> 10'08  | 12 <sup>h</sup> η54 | 2 <sup>h</sup> 31   | 28 <sup>h</sup> 37  | 7 <sup>h</sup> 2    | 1 <sup>h</sup> 4   | 20 <sup>h</sup> 40  | 24 <sup>h</sup> 47  | 28 <sup>h</sup> 35  | 28 <sup>h</sup> 39  | 23 <sup>h</sup> 17   | 24 <sup>h</sup> 36   | 29 <sup>h</sup> 51  | n.a. |   |   |
| S 21 | 3 2 48  | 16 <sup>h</sup> 11'27  | 27 <sup>h</sup> 16  | 4 <sup>h</sup> 2    | 29 <sup>h</sup> 52  | 6 <sup>h</sup> 39   | 1 <sup>h</sup> 6   | 20 <sup>h</sup> 35  | 24 <sup>h</sup> 45  | 28 <sup>h</sup> 35  | 28 <sup>h</sup> 38  | 23 <sup>h</sup> 13   | 24 <sup>h</sup> 32   | 29 <sup>h</sup> 58  | n.a. |   |   |
| S 22 | 3 6 45  | 17 <sup>h</sup> 12'47  | 11 <sup>h</sup> Ω38 | 5 <sup>h</sup> 34   | 1 <sup>h</sup> 7 7  | 6 <sup>h</sup> 17   | 1 <sup>h</sup> 7   | 20 <sup>h</sup> 30  | 24 <sup>h</sup> 44  | 28 <sup>h</sup> 35  | 28 <sup>h</sup> 38  | 23 <sup>h</sup> 7    | 24 <sup>h</sup> 29   | 0 <sup>h</sup> K 5  | n.a. |   |   |
| M23  | 3 10 41 | 18 <sup>h</sup> 14'06  | 25 <sup>h</sup> 55  | 7 <sup>h</sup> 6    | 2 <sup>h</sup> 22   | 5 <sup>h</sup> 55   | 1 <sup>h</sup> 9   | 20 <sup>h</sup> 25  | 24 <sup>h</sup> 43  | 28 <sup>h</sup> D35 | 28 <sup>h</sup> 37  | 23 <sup>h</sup> 2    | 24 <sup>h</sup> 26   | 0 <sup>h</sup> 12   | n.a. |   |   |
| T 24 | 3 14 38 | 19 <sup>h</sup> 15'26  | 10 <sup>h</sup> Ω 1 | 8 <sup>h</sup> 38   | 3 <sup>h</sup> 37   | 5 <sup>h</sup> 34   | 1 <sup>h</sup> 10  | 20 <sup>h</sup> 20  | 24 <sup>h</sup> 42  | 28 <sup>h</sup> 35  | 28 <sup>h</sup> 36  | 22 <sup>h</sup> 56   | 24 <sup>h</sup> 23   | 0 <sup>h</sup> 18   | n.a. |   |   |
| W25  | 3 18 34 | 20 <sup>h</sup> 16'45  | 23 <sup>h</sup> 51  | 10 <sup>h</sup> 11  | 4 <sup>h</sup> 52   | 5 <sup>h</sup> 13   | 1 <sup>h</sup> 11  | 20 <sup>h</sup> 15  | 24 <sup>h</sup> 41  | 28 <sup>h</sup> 35  | 28 <sup>h</sup> 36  | 22 <sup>h</sup> 52   | 24 <sup>h</sup> 20   | 0 <sup>h</sup> 25   | n.a. |   |   |
| T 26 | 3 22 31 | 21 <sup>h</sup> 18'04  | 7 <sup>h</sup> K23  | 11 <sup>h</sup> 44  | 6 <sup>h</sup> 8    | 4 <sup>h</sup> 53   | 1 <sup>h</sup> 12  | 20 <sup>h</sup> 10  | 24 <sup>h</sup> 40  | 28 <sup>h</sup> 35  | 28 <sup>h</sup> 35  | 22 <sup>h</sup> 49   | 24 <sup>h</sup> 16   | 0 <sup>h</sup> 32   | n.a. |   |   |
| F 27 | 3 26 28 | 22 <sup>h</sup> 19'23  | 20 <sup>h</sup> 23  | 13 <sup>h</sup> 18  | 7 <sup>h</sup> 23   | 4 <sup>h</sup> 33   | 1 <sup>h</sup> 13  | 20 <sup>h</sup> 5   | 24 <sup>h</sup> 39  | 28 <sup>h</sup> 35  | 28 <sup>h</sup> 34  | 22 <sup>h</sup> D48  | 24 <sup>h</sup> 13   | 0 <sup>h</sup> 38   | n.a. |   |   |
| S 28 | 3 30 24 | 23 <sup>h</sup> 20'41  | 3 <sup>h</sup> B23  | 14 <sup>h</sup> 52  | 8 <sup>h</sup> 38   | 4 <sup>h</sup> 14   | 1 <sup>h</sup> 13  | 20 <sup>h</sup> 0   | 24 <sup>h</sup> 38  | 28 <sup>h</sup> 35  | 28 <sup>h</sup> 34  | 22 <sup>h</sup> 49   | 24 <sup>h</sup> 10   | 0 <sup>h</sup> 45   | n.a. |   |   |
| S 29 | 3 34 21 | 24 <sup>h</sup> 21'58  | 15 <sup>h</sup> 54  | 16 <sup>h</sup> 27  | 9 <sup>h</sup> 53   | 3 <sup>h</sup> 56   | 1 <sup>h</sup> 14  | 19 <sup>h</sup> 55  | 24 <sup>h</sup> 37  | 28 <sup>h</sup> 35  | 28 <sup>h</sup> 33  | 22 <sup>h</sup> 50   | 24 <sup>h</sup> 7    | 0 <sup>h</sup> 52   | n.a. |   |   |
| M30  | 3 38 17 | 25 <sup>h</sup> Ω23'15 | 28 <sup>h</sup> B 8 | 18 <sup>h</sup> Ω 1 | 11 <sup>h</sup> ≈ 8 | 3 <sup>h</sup> B38  | 1 <sup>h</sup> R14 | 19 <sup>h</sup> B50 | 24 <sup>h</sup> K36 | 28 <sup>h</sup> ≈35 | 28 <sup>h</sup> K33 | 22 <sup>h</sup> II52 | 24 <sup>h</sup> II 4 | 0 <sup>h</sup> K59  | n.a. |   |   |

Delta T = 10h39m37s Julian Calendar 1 Nov. 1592 BCE == Greg. Calendar 18 Oct. 1592 BCE  
 The year -1591 astronomical counting style corresponds to year 1592 B.C.E historical counting style.

DECEMBER 1592 BCE (-1591) JC

00:00 UT

| Day  | Sid.t   | ☉                      | ☽                   | ♀                   | ♁                   | ♂                  | ♃                  | ♄                   | ♅                   | ♆                   | ♇                   | ♈                    | ♉                    | ♊                  | ♋    | ♌ | ♍ |
|------|---------|------------------------|---------------------|---------------------|---------------------|--------------------|--------------------|---------------------|---------------------|---------------------|---------------------|----------------------|----------------------|--------------------|------|---|---|
| T 1  | 3 42 14 | 26 <sup>h</sup> Ω24'30 | 10 <sup>h</sup> ≈10 | 19 <sup>h</sup> Ω37 | 12 <sup>h</sup> ≈23 | 3 <sup>h</sup> R21 | 1 <sup>h</sup> R14 | 19 <sup>h</sup> R45 | 24 <sup>h</sup> R35 | 28 <sup>h</sup> ≈36 | 28 <sup>h</sup> R32 | 22 <sup>h</sup> II53 | 24 <sup>h</sup> II 1 | 1 <sup>h</sup> K 5 | n.a. |   |   |
| W 2  | 3 46 10 | 27 <sup>h</sup> 25'45  | 22 <sup>h</sup> 4   | 21 <sup>h</sup> 12  | 13 <sup>h</sup> 38  | 3 <sup>h</sup> B 5 | 1 <sup>h</sup> Ω14 | 19 <sup>h</sup> B40 | 24 <sup>h</sup> K34 | 28 <sup>h</sup> 36  | 28 <sup>h</sup> K31 | 22 <sup>h</sup> R54  | 23 <sup>h</sup> 57   | 1 <sup>h</sup> 12  | n.a. |   |   |
| T 3  | 3 50 7  | 28 <sup>h</sup> 26'59  | 3 <sup>h</sup> K55  | 22 <sup>h</sup> 48  | 14 <sup>h</sup> 53  | 2 <sup>h</sup> 49  | 1 <sup>h</sup> 13  | 19 <sup>h</sup> 35  | 24 <sup>h</sup> 33  | 28 <sup>h</sup> 36  | 28 <sup>h</sup> 31  | 22 <sup>h</sup> 54   | 23 <sup>h</sup> 54   | 1 <sup>h</sup> 19  | n.a. |   |   |
| F 4  | 3 54 3  | 29 <sup>h</sup> 28'12  | 15 <sup>h</sup> 49  | 24 <sup>h</sup> 25  | 16 <sup>h</sup> 8   | 2 <sup>h</sup> 34  | 1 <sup>h</sup> 12  | 19 <sup>h</sup> 30  | 24 <sup>h</sup> 33  | 28 <sup>h</sup> 37  | 28 <sup>h</sup> 30  | 22 <sup>h</sup> 53   | 23 <sup>h</sup> 51   | 1 <sup>h</sup> 25  | n.a. |   |   |
| S 5  | 3 58 0  | 0 <sup>h</sup> ≈29'24  | 27 <sup>h</sup> 49  | 26 <sup>h</sup> 2   | 17 <sup>h</sup> 23  | 2 <sup>h</sup> 20  | 1 <sup>h</sup> 12  | 19 <sup>h</sup> 25  | 24 <sup>h</sup> 32  | 28 <sup>h</sup> 37  | 28 <sup>h</sup> 30  | 22 <sup>h</sup> 51   | 23 <sup>h</sup> 48   | 1 <sup>h</sup> 32  | n.a. |   |   |
| S 6  | 4 1 57  | 1 <sup>h</sup> 30'35   | 10 <sup>h</sup> Υ 1 | 27 <sup>h</sup> 40  | 18 <sup>h</sup> 38  | 2 <sup>h</sup> 7   | 1 <sup>h</sup> 11  | 19 <sup>h</sup> 21  | 24 <sup>h</sup> 31  | 28 <sup>h</sup> 38  | 28 <sup>h</sup> 30  | 22 <sup>h</sup> 48   | 23 <sup>h</sup> 45   | 1 <sup>h</sup> 39  | n.a. |   |   |
| M 7  | 4 5 53  | 2 <sup>h</sup> 31'45   | 22 <sup>h</sup> 7   | 29 <sup>h</sup> 18  | 19 <sup>h</sup> 53  | 1 <sup>h</sup> 54  | 1 <sup>h</sup> 9   | 19 <sup>h</sup> 16  | 24 <sup>h</sup> 31  | 28 <sup>h</sup> 38  | 28 <sup>h</sup> 29  | 22 <sup>h</sup> 45   | 23 <sup>h</sup> 42   | 1 <sup>h</sup> 46  | n.a. |   |   |
| T 8  | 4 9 50  | 3 <sup>h</sup> 32'54   | 5 <sup>h</sup> B 9  | 0 <sup>h</sup> ≈57  | 21 <sup>h</sup> 8   | 1 <sup>h</sup> 42  | 1 <sup>h</sup> 8   | 19 <sup>h</sup> 11  | 24 <sup>h</sup> 30  | 28 <sup>h</sup> 39  | 28 <sup>h</sup> 29  | 22 <sup>h</sup> 42   | 23 <sup>h</sup> 38   | 1 <sup>h</sup> 52  | n.a. |   |   |
| W 9  | 4 13 46 | 4 <sup>h</sup> 34'03   | 18 <sup>h</sup> 10  | 2 <sup>h</sup> 36   | 22 <sup>h</sup> 23  | 1 <sup>h</sup> 31  | 1 <sup>h</sup> 6   | 19 <sup>h</sup> 6   | 24 <sup>h</sup> 30  | 28 <sup>h</sup> 39  | 28 <sup>h</sup> 28  | 22 <sup>h</sup> 39   | 23 <sup>h</sup> 35   | 1 <sup>h</sup> 59  | n.a. |   |   |
| T 10 | 4 17 43 | 5 <sup>h</sup> 35'10   | 1 <sup>h</sup> II28 | 4 <sup>h</sup> 16   | 23 <sup>h</sup> 38  | 1 <sup>h</sup> 21  | 1 <sup>h</sup> 5   | 19 <sup>h</sup> 2   | 24 <sup>h</sup> 30  | 28 <sup>h</sup> 40  | 28 <sup>h</sup> 28  | 22 <sup>h</sup> 37   | 23 <sup>h</sup> 32   | 2 <sup>h</sup> 0   | n.a. |   |   |
| F 11 | 4 21 39 | 6 <sup>h</sup> 36'16   | 15 <sup>h</sup> 3   | 5 <sup>h</sup> 56   | 24 <sup>h</sup> 53  | 1 <sup>h</sup> 12  | 1 <sup>h</sup> 3   | 18 <sup>h</sup> 57  | 24 <sup>h</sup> 29  | 28 <sup>h</sup> 40  | 28 <sup>h</sup> 28  | 22 <sup>h</sup> 36   | 23 <sup>h</sup> 29   | 2 <sup>h</sup> 12  | n.a. |   |   |
| S 12 | 4 25 36 | 7 <sup>h</sup> 37'22   | 28 <sup>h</sup> 52  | 7 <sup>h</sup> 37   | 26 <sup>h</sup> 8   | 1 <sup>h</sup> 3   | 1 <sup>h</sup> 0   | 18 <sup>h</sup> 52  | 24 <sup>h</sup> 29  | 28 <sup>h</sup> 41  | 28 <sup>h</sup> 27  | 22 <sup>h</sup> D36  | 23 <sup>h</sup> 26   | 2 <sup>h</sup> 19  | n.a. |   |   |
| S 13 | 4 29 32 | 8 <sup>h</sup> 38'26   | 12 <sup>h</sup> Ω52 | 9 <sup>h</sup> 19   | 27 <sup>h</sup> 22  | 0 <sup>h</sup> 56  | 0 <sup>h</sup> 58  | 18 <sup>h</sup> 48  | 24 <sup>h</sup> 29  | 28 <sup>h</sup> 42  | 28 <sup>h</sup> 27  | 22 <sup>h</sup> 37   | 23 <sup>h</sup> 22   | 2 <sup>h</sup> 26  | n.a. |   |   |
| M14  | 4 33 29 | 9 <sup>h</sup> 39'30   | 27 <sup>h</sup> 0   | 11 <sup>h</sup> 1   | 28 <sup>h</sup> 37  | 0 <sup>h</sup> 49  | 0 <sup>h</sup> 55  | 18 <sup>h</sup> 43  | 24 <sup>h</sup> 29  | 28 <sup>h</sup> 42  | 28 <sup>h</sup> 27  | 22 <sup>h</sup> 38   | 23 <sup>h</sup> 19   | 2 <sup>h</sup> 33  | n.a. |   |   |
| T 15 | 4 37 26 | 10 <sup>h</sup> 40'33  | 11 <sup>h</sup> Ω12 | 12 <sup>h</sup> 44  | 29 <sup>h</sup> 52  | 0 <sup>h</sup> 43  | 0 <sup>h</sup> 53  | 18 <sup>h</sup> 39  | 24 <sup>h</sup> 29  | 28 <sup>h</sup> 43  | 28 <sup>h</sup> 26  | 22 <sup>h</sup> 39   | 23 <sup>h</sup> 16   | 2 <sup>h</sup> 39  | n.a. |   |   |
| W16  | 4 41 22 | 11 <sup>h</sup> 41'35  | 25 <sup>h</sup> 26  | 14 <sup>h</sup> 27  | 1 <sup>h</sup> B 7  | 0 <sup>h</sup> 37  | 0 <sup>h</sup> 50  | 18 <sup>h</sup> 35  | 24 <sup>h</sup> 29  | 28 <sup>h</sup> 44  | 28 <sup>h</sup> 26  | 22 <sup>h</sup> 40   | 23 <sup>h</sup> 13   | 2 <sup>h</sup> 46  | n.a. |   |   |
| T 17 | 4 45 19 | 12 <sup>h</sup> 42'36  | 9 <sup>h</sup> η39  | 16 <sup>h</sup> 11  | 2 <sup>h</sup> 21   | 0 <sup>h</sup> 33  | 0 <sup>h</sup> 47  | 18 <sup>h</sup> 30  | 24 <sup>h</sup> D28 | 28 <sup>h</sup> 45  | 28 <sup>h</sup> 26  | 22 <sup>h</sup> R40  | 23 <sup>h</sup> 10   | 2 <sup>h</sup> 53  | n.a. |   |   |
| F 18 | 4 49 15 | 13 <sup>h</sup> 43'36  | 23 <sup>h</sup> 48  | 17 <sup>h</sup> 56  | 3 <sup>h</sup> 36   | 0 <sup>h</sup> 29  | 0 <sup>h</sup> 43  | 18 <sup>h</sup> 26  | 24 <sup>h</sup> 29  | 28 <sup>h</sup> 45  | 28 <sup>h</sup> 26  | 22 <sup>h</sup> 40   | 23 <sup>h</sup> 7    | 2 <sup>h</sup> 59  | n.a. |   |   |
| S 19 | 4 53 12 | 14 <sup>h</sup> 44'35  | 7 <sup>h</sup> Ω52  | 19 <sup>h</sup> 41  | 4 <sup>h</sup> 51   | 0 <sup>h</sup> 26  | 0 <sup>h</sup> 40  | 18 <sup>h</sup> 22  | 24 <sup>h</sup> 29  | 28 <sup>h</sup> 46  | 28 <sup>h</sup> 26  | 22 <sup>h</sup> 39</ |                      |                    |      |   |   |