

SWISS EPHEMERIS for the year 3115 BCE

JANUARY 3115 BCE (-3114) JC

00:00 UT

| Day  | Sid.t   | ☉                     | ☽                  | ♀                   | ♁                   | ♂                  | ♃                  | ♄                   | ♅                  | ♆                   | ♇                   | ♈                   | ♉                   | ♊                   | ♋    | ♌ | ♍ | ♎ | ♏ | ♐ | ♑ | ♒ | ♓ |
|------|---------|-----------------------|--------------------|---------------------|---------------------|--------------------|--------------------|---------------------|--------------------|---------------------|---------------------|---------------------|---------------------|---------------------|------|---|---|---|---|---|---|---|---|
| T 1  | 4 59 25 | 17 <sup>h</sup> 25'32 | 4 <sup>h</sup> 48  | 29 <sup>h</sup> R39 | 28 <sup>h</sup> M45 | 16 <sup>h</sup> 36 | 4 <sup>h</sup> 35  | 12 <sup>h</sup> R29 | 18 <sup>h</sup> 14 | 11 <sup>h</sup> M 7 | 20 <sup>h</sup> 353 | 12 <sup>h</sup> R18 | 11 <sup>h</sup> 8 3 | 20 <sup>h</sup> M35 | n.a. |   |   |   |   |   |   |   |   |
| F 2  | 5 3 21  | 18 <sup>h</sup> 25'44 | 1 <sup>h</sup> 32  | 29 <sup>h</sup> M20 | 29 <sup>h</sup> 59  | 17 <sup>h</sup> 21 | 5 <sup>h</sup> 6   | 12 <sup>h</sup> 27  | 18 <sup>h</sup> 17 | 11 <sup>h</sup> 8   | 20 <sup>h</sup> 54  | 12 <sup>h</sup> 14  | 11 <sup>h</sup> 0   | 20 <sup>h</sup> 42  | n.a. |   |   |   |   |   |   |   |   |
| S 3  | 5 7 18  | 19 <sup>h</sup> 25'54 | 1 <sup>h</sup> 48  | 29 <sup>h</sup> 8   | 1 <sup>h</sup> 14   | 18 <sup>h</sup> 6  | 5 <sup>h</sup> 20  | 12 <sup>h</sup> 25  | 18 <sup>h</sup> 20 | 11 <sup>h</sup> 10  | 20 <sup>h</sup> 56  | 12 <sup>h</sup> 11  | 10 <sup>h</sup> 57  | 20 <sup>h</sup> 48  | n.a. |   |   |   |   |   |   |   |   |
| S 4  | 5 11 14 | 20 <sup>h</sup> 26'02 | 14 <sup>h</sup> 38 | 29 <sup>h</sup> D 2 | 2 <sup>h</sup> 28   | 18 <sup>h</sup> 50 | 5 <sup>h</sup> 34  | 12 <sup>h</sup> 23  | 18 <sup>h</sup> 24 | 11 <sup>h</sup> 12  | 20 <sup>h</sup> 57  | 12 <sup>h</sup> 9   | 10 <sup>h</sup> 54  | 20 <sup>h</sup> 55  | n.a. |   |   |   |   |   |   |   |   |
| M 5  | 5 15 11 | 21 <sup>h</sup> 26'09 | 27 <sup>h</sup> 5  | 29 <sup>h</sup> 4   | 3 <sup>h</sup> 42   | 19 <sup>h</sup> 35 | 5 <sup>h</sup> 48  | 12 <sup>h</sup> 21  | 18 <sup>h</sup> 27 | 11 <sup>h</sup> 14  | 20 <sup>h</sup> 58  | 12 <sup>h</sup> D 9 | 10 <sup>h</sup> 51  | 21 <sup>h</sup> 2   | n.a. |   |   |   |   |   |   |   |   |
| T 6  | 5 19 7  | 22 <sup>h</sup> 26'13 | 9 <sup>h</sup> 15  | 29 <sup>h</sup> 12  | 4 <sup>h</sup> 57   | 20 <sup>h</sup> 19 | 6 <sup>h</sup> 2   | 12 <sup>h</sup> 19  | 18 <sup>h</sup> 30 | 11 <sup>h</sup> 16  | 21 <sup>h</sup> 0   | 12 <sup>h</sup> 10  | 10 <sup>h</sup> 47  | 21 <sup>h</sup> 8   | n.a. |   |   |   |   |   |   |   |   |
| W 7  | 5 23 4  | 23 <sup>h</sup> 26'16 | 21 <sup>h</sup> 11 | 29 <sup>h</sup> 25  | 6 <sup>h</sup> 11   | 21 <sup>h</sup> 4  | 6 <sup>h</sup> 16  | 12 <sup>h</sup> 17  | 18 <sup>h</sup> 33 | 11 <sup>h</sup> 18  | 21 <sup>h</sup> 1   | 12 <sup>h</sup> 12  | 10 <sup>h</sup> 44  | 21 <sup>h</sup> 15  | n.a. |   |   |   |   |   |   |   |   |
| T 8  | 5 27 0  | 24 <sup>h</sup> 26'17 | 3 <sup>h</sup> M 0 | 29 <sup>h</sup> 45  | 7 <sup>h</sup> 25   | 21 <sup>h</sup> 48 | 6 <sup>h</sup> 31  | 12 <sup>h</sup> 15  | 18 <sup>h</sup> 36 | 11 <sup>h</sup> 20  | 21 <sup>h</sup> 2   | 12 <sup>h</sup> 13  | 10 <sup>h</sup> 41  | 21 <sup>h</sup> 22  | n.a. |   |   |   |   |   |   |   |   |
| F 9  | 5 30 57 | 25 <sup>h</sup> 26'15 | 14 <sup>h</sup> 46 | 0 <sup>h</sup> 10   | 8 <sup>h</sup> 40   | 22 <sup>h</sup> 33 | 6 <sup>h</sup> 45  | 12 <sup>h</sup> 13  | 18 <sup>h</sup> 39 | 11 <sup>h</sup> 21  | 21 <sup>h</sup> 4   | 12 <sup>h</sup> R14 | 10 <sup>h</sup> 38  | 21 <sup>h</sup> 28  | n.a. |   |   |   |   |   |   |   |   |
| S 10 | 5 34 54 | 26 <sup>h</sup> 26'12 | 26 <sup>h</sup> 33 | 0 <sup>h</sup> 39   | 9 <sup>h</sup> 54   | 23 <sup>h</sup> 17 | 6 <sup>h</sup> 59  | 12 <sup>h</sup> 10  | 18 <sup>h</sup> 43 | 11 <sup>h</sup> 23  | 21 <sup>h</sup> 5   | 12 <sup>h</sup> 12  | 10 <sup>h</sup> 35  | 21 <sup>h</sup> 35  | n.a. |   |   |   |   |   |   |   |   |
| S 11 | 5 38 50 | 27 <sup>h</sup> 26'07 | 8 <sup>h</sup> 24  | 1 <sup>h</sup> 13   | 11 <sup>h</sup> 8   | 24 <sup>h</sup> 1  | 7 <sup>h</sup> 13  | 12 <sup>h</sup> 8   | 18 <sup>h</sup> 46 | 11 <sup>h</sup> 25  | 21 <sup>h</sup> 7   | 12 <sup>h</sup> 9   | 10 <sup>h</sup> 31  | 21 <sup>h</sup> 42  | n.a. |   |   |   |   |   |   |   |   |
| M12  | 5 42 47 | 28 <sup>h</sup> 26'00 | 20 <sup>h</sup> 21 | 1 <sup>h</sup> 52   | 12 <sup>h</sup> 23  | 24 <sup>h</sup> 46 | 7 <sup>h</sup> 28  | 12 <sup>h</sup> 5   | 18 <sup>h</sup> 49 | 11 <sup>h</sup> 27  | 21 <sup>h</sup> 8   | 12 <sup>h</sup> 3   | 10 <sup>h</sup> 28  | 21 <sup>h</sup> 48  | n.a. |   |   |   |   |   |   |   |   |
| T 13 | 5 46 43 | 29 <sup>h</sup> 25'51 | 2 <sup>h</sup> 28  | 2 <sup>h</sup> 34   | 13 <sup>h</sup> 37  | 25 <sup>h</sup> 30 | 7 <sup>h</sup> 42  | 12 <sup>h</sup> 3   | 18 <sup>h</sup> 52 | 11 <sup>h</sup> 28  | 21 <sup>h</sup> 9   | 11 <sup>h</sup> 56  | 10 <sup>h</sup> 25  | 21 <sup>h</sup> 55  | n.a. |   |   |   |   |   |   |   |   |
| W14  | 5 50 40 | 0 <sup>h</sup> 25'39  | 14 <sup>h</sup> 44 | 3 <sup>h</sup> 20   | 14 <sup>h</sup> 51  | 26 <sup>h</sup> 14 | 7 <sup>h</sup> 56  | 12 <sup>h</sup> 0   | 18 <sup>h</sup> 56 | 11 <sup>h</sup> 30  | 21 <sup>h</sup> 11  | 11 <sup>h</sup> 47  | 10 <sup>h</sup> 22  | 22 <sup>h</sup> 2   | n.a. |   |   |   |   |   |   |   |   |
| T 15 | 5 54 36 | 1 <sup>h</sup> 25'26  | 27 <sup>h</sup> 11 | 4 <sup>h</sup> 10   | 16 <sup>h</sup> 5   | 26 <sup>h</sup> 58 | 8 <sup>h</sup> 11  | 11 <sup>h</sup> 57  | 18 <sup>h</sup> 59 | 11 <sup>h</sup> 32  | 21 <sup>h</sup> 12  | 11 <sup>h</sup> 37  | 10 <sup>h</sup> 19  | 22 <sup>h</sup> 8   | n.a. |   |   |   |   |   |   |   |   |
| F 16 | 5 58 33 | 2 <sup>h</sup> 25'10  | 9 <sup>h</sup> 50  | 5 <sup>h</sup> 2    | 17 <sup>h</sup> 20  | 27 <sup>h</sup> 42 | 8 <sup>h</sup> 25  | 11 <sup>h</sup> 54  | 19 <sup>h</sup> 2  | 11 <sup>h</sup> 33  | 21 <sup>h</sup> 14  | 11 <sup>h</sup> 28  | 10 <sup>h</sup> 16  | 22 <sup>h</sup> 15  | n.a. |   |   |   |   |   |   |   |   |
| S 17 | 6 2 30  | 3 <sup>h</sup> 24'51  | 22 <sup>h</sup> 41 | 5 <sup>h</sup> 58   | 18 <sup>h</sup> 34  | 28 <sup>h</sup> 26 | 8 <sup>h</sup> 39  | 11 <sup>h</sup> 51  | 19 <sup>h</sup> 6  | 11 <sup>h</sup> 35  | 21 <sup>h</sup> 15  | 11 <sup>h</sup> 20  | 10 <sup>h</sup> 12  | 22 <sup>h</sup> 22  | n.a. |   |   |   |   |   |   |   |   |
| S 18 | 6 6 26  | 4 <sup>h</sup> 24'30  | 5 <sup>h</sup> 45  | 6 <sup>h</sup> 57   | 19 <sup>h</sup> 48  | 29 <sup>h</sup> 10 | 8 <sup>h</sup> 54  | 11 <sup>h</sup> 48  | 19 <sup>h</sup> 9  | 11 <sup>h</sup> 36  | 21 <sup>h</sup> 17  | 11 <sup>h</sup> 15  | 10 <sup>h</sup> 9   | 22 <sup>h</sup> 28  | n.a. |   |   |   |   |   |   |   |   |
| M 19 | 6 10 23 | 5 <sup>h</sup> 24'06  | 19 <sup>h</sup> 3  | 7 <sup>h</sup> 58   | 21 <sup>h</sup> 2   | 29 <sup>h</sup> 54 | 9 <sup>h</sup> 8   | 11 <sup>h</sup> 45  | 19 <sup>h</sup> 12 | 11 <sup>h</sup> 38  | 21 <sup>h</sup> 18  | 11 <sup>h</sup> 11  | 10 <sup>h</sup> 6   | 22 <sup>h</sup> 35  | n.a. |   |   |   |   |   |   |   |   |
| T 20 | 6 14 19 | 6 <sup>h</sup> 23'40  | 2 <sup>h</sup> 37  | 9 <sup>h</sup> 2    | 22 <sup>h</sup> 16  | 0 <sup>h</sup> 38  | 9 <sup>h</sup> 22  | 11 <sup>h</sup> 42  | 19 <sup>h</sup> 16 | 11 <sup>h</sup> 39  | 21 <sup>h</sup> 19  | 11 <sup>h</sup> D10 | 10 <sup>h</sup> 3   | 22 <sup>h</sup> 41  | n.a. |   |   |   |   |   |   |   |   |
| W21  | 6 18 16 | 7 <sup>h</sup> 23'11  | 16 <sup>h</sup> 27 | 10 <sup>h</sup> 8   | 23 <sup>h</sup> 31  | 1 <sup>h</sup> 22  | 9 <sup>h</sup> 37  | 11 <sup>h</sup> 38  | 19 <sup>h</sup> 19 | 11 <sup>h</sup> 41  | 21 <sup>h</sup> 21  | 11 <sup>h</sup> 10  | 10 <sup>h</sup> 0   | 22 <sup>h</sup> 48  | n.a. |   |   |   |   |   |   |   |   |
| T 22 | 6 22 12 | 8 <sup>h</sup> 22'40  | 0 <sup>h</sup> 35  | 11 <sup>h</sup> 16  | 24 <sup>h</sup> 45  | 2 <sup>h</sup> 6   | 9 <sup>h</sup> 51  | 11 <sup>h</sup> 35  | 19 <sup>h</sup> 22 | 11 <sup>h</sup> 42  | 21 <sup>h</sup> 22  | 11 <sup>h</sup> 11  | 9 <sup>h</sup> 57   | 22 <sup>h</sup> 55  | n.a. |   |   |   |   |   |   |   |   |
| F 23 | 6 26 9  | 9 <sup>h</sup> 22'06  | 14 <sup>h</sup> 58 | 12 <sup>h</sup> 27  | 25 <sup>h</sup> 59  | 2 <sup>h</sup> 9   | 10 <sup>h</sup> 6  | 11 <sup>h</sup> 32  | 19 <sup>h</sup> 26 | 11 <sup>h</sup> 44  | 21 <sup>h</sup> 24  | 11 <sup>h</sup> R11 | 9 <sup>h</sup> 53   | 23 <sup>h</sup> 1   | n.a. |   |   |   |   |   |   |   |   |
| S 24 | 6 30 5  | 10 <sup>h</sup> 21'30 | 29 <sup>h</sup> 36 | 13 <sup>h</sup> 39  | 27 <sup>h</sup> 13  | 3 <sup>h</sup> 33  | 10 <sup>h</sup> 20 | 11 <sup>h</sup> 28  | 19 <sup>h</sup> 29 | 11 <sup>h</sup> 45  | 21 <sup>h</sup> 25  | 11 <sup>h</sup> 10  | 9 <sup>h</sup> 50   | 23 <sup>h</sup> 8   | n.a. |   |   |   |   |   |   |   |   |
| S 25 | 6 34 2  | 11 <sup>h</sup> 20'52 | 14 <sup>h</sup> 24 | 14 <sup>h</sup> 54  | 28 <sup>h</sup> 27  | 4 <sup>h</sup> 17  | 10 <sup>h</sup> 34 | 11 <sup>h</sup> 25  | 19 <sup>h</sup> 32 | 11 <sup>h</sup> 47  | 21 <sup>h</sup> 27  | 11 <sup>h</sup> 6   | 9 <sup>h</sup> 47   | 23 <sup>h</sup> 15  | n.a. |   |   |   |   |   |   |   |   |
| M26  | 6 37 59 | 12 <sup>h</sup> 20'11 | 29 <sup>h</sup> 15 | 16 <sup>h</sup> 10  | 29 <sup>h</sup> 41  | 5 <sup>h</sup> 0   | 10 <sup>h</sup> 49 | 11 <sup>h</sup> 21  | 19 <sup>h</sup> 36 | 11 <sup>h</sup> 48  | 21 <sup>h</sup> 28  | 11 <sup>h</sup> 0   | 9 <sup>h</sup> 44   | 23 <sup>h</sup> 21  | n.a. |   |   |   |   |   |   |   |   |
| T 27 | 6 41 55 | 13 <sup>h</sup> 19'27 | 14 <sup>h</sup> 30 | 17 <sup>h</sup> 28  | 0 <sup>h</sup> 55   | 5 <sup>h</sup> 44  | 11 <sup>h</sup> 3  | 11 <sup>h</sup> 17  | 19 <sup>h</sup> 39 | 11 <sup>h</sup> 49  | 21 <sup>h</sup> 30  | 10 <sup>h</sup> 51  | 9 <sup>h</sup> 41   | 23 <sup>h</sup> 28  | n.a. |   |   |   |   |   |   |   |   |
| W28  | 6 45 52 | 14 <sup>h</sup> 18'42 | 28 <sup>h</sup> 33 | 18 <sup>h</sup> 48  | 2 <sup>h</sup> 9    | 6 <sup>h</sup> 28  | 11 <sup>h</sup> 17 | 11 <sup>h</sup> 14  | 19 <sup>h</sup> 43 | 11 <sup>h</sup> 51  | 21 <sup>h</sup> 31  | 10 <sup>h</sup> 41  | 9 <sup>h</sup> 37   | 23 <sup>h</sup> 35  | n.a. |   |   |   |   |   |   |   |   |
| T 29 | 6 49 48 | 15 <sup>h</sup> 17'54 | 12 <sup>h</sup> 45 | 20 <sup>h</sup> 10  | 3 <sup>h</sup> 23   | 7 <sup>h</sup> 11  | 11 <sup>h</sup> 32 | 11 <sup>h</sup> 10  | 19 <sup>h</sup> 46 | 11 <sup>h</sup> 52  | 21 <sup>h</sup> 33  | 10 <sup>h</sup> 31  | 9 <sup>h</sup> 34   | 23 <sup>h</sup> 41  | n.a. |   |   |   |   |   |   |   |   |
| F 30 | 6 53 45 | 16 <sup>h</sup> 17'04 | 26 <sup>h</sup> 32 | 21 <sup>h</sup> 33  | 4 <sup>h</sup> 38   | 7 <sup>h</sup> 54  | 11 <sup>h</sup> 46 | 11 <sup>h</sup> 6   | 19 <sup>h</sup> 49 | 11 <sup>h</sup> 53  | 21 <sup>h</sup> 34  | 10 <sup>h</sup> 22  | 9 <sup>h</sup> 31   | 23 <sup>h</sup> 48  | n.a. |   |   |   |   |   |   |   |   |
| S 31 | 6 57 41 | 17 <sup>h</sup> 16'11 | 9 <sup>h</sup> 52  | 22 <sup>h</sup> 58  | 5 <sup>h</sup> 52   | 8 <sup>h</sup> 38  | 12 <sup>h</sup> 0  | 11 <sup>h</sup> 12  | 19 <sup>h</sup> 53 | 11 <sup>h</sup> 54  | 21 <sup>h</sup> 36  | 10 <sup>h</sup> 14  | 9 <sup>h</sup> 28   | 23 <sup>h</sup> 55  | n.a. |   |   |   |   |   |   |   |   |

Delta T = 22h41m00s Julian Calendar 1 Jan. 3115 BCE == Greg. Calendar 6 Dec. 3116 BCE  
 The year -3114 astronomical counting style corresponds to year 3115 B.C.E historical counting style.

FEBRUARY 3115 BCE (-3114) JC

00:00 UT

| Day  | Sid.t   | ☉                     | ☽                   | ♀                  | ♁                  | ♂                  | ♃                  | ♄                   | ♅                  | ♆                   | ♇                  | ♈                   | ♉                 | ♊                   | ♋    | ♌ | ♍ | ♎ | ♏ | ♐ | ♑ | ♒ | ♓ |
|------|---------|-----------------------|---------------------|--------------------|--------------------|--------------------|--------------------|---------------------|--------------------|---------------------|--------------------|---------------------|-------------------|---------------------|------|---|---|---|---|---|---|---|---|
| S 1  | 7 1 38  | 18 <sup>h</sup> 15'17 | 22 <sup>h</sup> 47  | 24 <sup>h</sup> 25 | 7 <sup>h</sup> 6   | 9 <sup>h</sup> 21  | 12 <sup>h</sup> 15 | 10 <sup>h</sup> R58 | 19 <sup>h</sup> 56 | 11 <sup>h</sup> M55 | 21 <sup>h</sup> 37 | 10 <sup>h</sup> R 9 | 9 <sup>h</sup> 25 | 24 <sup>h</sup> M 1 | n.a. |   |   |   |   |   |   |   |   |
| M 2  | 7 5 34  | 19 <sup>h</sup> 14'21 | 5 <sup>h</sup> 17   | 25 <sup>h</sup> 53 | 8 <sup>h</sup> 20  | 10 <sup>h</sup> 4  | 12 <sup>h</sup> 29 | 10 <sup>h</sup> 54  | 20 <sup>h</sup> 0  | 11 <sup>h</sup> 57  | 21 <sup>h</sup> 39 | 10 <sup>h</sup> 8 6 | 9 <sup>h</sup> 22 | 24 <sup>h</sup> 8   | n.a. |   |   |   |   |   |   |   |   |
| T 3  | 7 9 31  | 20 <sup>h</sup> 13'22 | 17 <sup>h</sup> 29  | 27 <sup>h</sup> 22 | 9 <sup>h</sup> 34  | 10 <sup>h</sup> 48 | 12 <sup>h</sup> 43 | 10 <sup>h</sup> 50  | 20 <sup>h</sup> 3  | 11 <sup>h</sup> 58  | 21 <sup>h</sup> 40 | 10 <sup>h</sup> D 5 | 9 <sup>h</sup> 18 | 24 <sup>h</sup> 15  | n.a. |   |   |   |   |   |   |   |   |
| W 4  | 7 13 28 | 21 <sup>h</sup> 12'22 | 29 <sup>h</sup> 27  | 28 <sup>h</sup> 53 | 10 <sup>h</sup> 48 | 11 <sup>h</sup> 31 | 12 <sup>h</sup> 58 | 10 <sup>h</sup> 46  | 20 <sup>h</sup> 7  | 11 <sup>h</sup> 59  | 21 <sup>h</sup> 42 | 10 <sup>h</sup> 5   | 9 <sup>h</sup> 15 | 24 <sup>h</sup> 21  | n.a. |   |   |   |   |   |   |   |   |
| T 5  | 7 17 24 | 22 <sup>h</sup> 11'20 | 11 <sup>h</sup> M17 | 0 <sup>h</sup> 26  | 12 <sup>h</sup> 2  | 12 <sup>h</sup> 14 | 13 <sup>h</sup> 12 | 10 <sup>h</sup> 42  | 20 <sup>h</sup> 10 | 12 <sup>h</sup> 0   | 21 <sup>h</sup> 43 | 10 <sup>h</sup> R 5 | 9 <sup>h</sup> 12 | 24 <sup>h</sup> 28  | n.a. |   |   |   |   |   |   |   |   |
| F 6  | 7 21 21 | 23 <sup>h</sup> 10'16 | 23 <sup>h</sup> 4   | 2 <sup>h</sup> 0   | 13 <sup>h</sup> 16 | 12 <sup>h</sup> 57 | 13 <sup>h</sup> 26 | 10 <sup>h</sup> 38  | 20 <sup>h</sup> 13 | 12 <sup>h</sup> 1   | 21 <sup>h</sup> 45 | 10 <sup>h</sup> 4   | 9 <sup>h</sup> 9  | 24 <sup>h</sup> 35  | n.a. |   |   |   |   |   |   |   |   |
| S 7  | 7 25 17 | 24 <sup>h</sup> 9'10  | 4 <sup>h</sup> 53   | 3 <sup>h</sup> 35  | 14 <sup>h</sup> 30 | 13 <sup>h</sup> 40 | 13 <sup>h</sup> 41 | 10 <sup>h</sup> 34  | 20 <sup>h</sup> 17 | 12 <sup>h</sup> 2   | 21 <sup>h</sup> 46 | 10 <sup>h</sup> 2   | 9 <sup>h</sup> 6  | 24 <sup>h</sup> 41  | n.a. |   |   |   |   |   |   |   |   |
| S 8  | 7 29 14 | 25 <sup>h</sup> 8'02  | 16 <sup>h</sup> 48  | 5 <sup>h</sup> 12  | 15 <sup>h</sup> 44 | 14 <sup>h</sup> 23 | 13 <sup>h</sup> 55 | 10 <sup>h</sup> 29  | 20 <sup>h</sup> 20 | 12 <sup>h</sup> 3   | 21 <sup>h</sup> 48 | 9 <sup>h</sup> 57   | 9 <sup>h</sup> 3  | 24 <sup>h</sup> 48  | n.a. |   |   |   |   |   |   |   |   |
| M 9  | 7 33 10 | 26 <sup>h</sup> 6'52  | 28 <sup>h</sup> 53  | 6 <sup>h</sup> 50  | 16 <sup>h</sup> 58 | 15 <sup>h</sup> 6  | 14 <sup>h</sup> 9  | 10 <sup>h</sup> 25  | 20 <sup>h</sup> 24 | 12 <sup>h</sup> 4   | 21 <sup>h</sup> 49 | 9 <sup>h</sup> 49   | 8 <sup>h</sup> 59 | 24 <sup>h</sup> 55  | n.a. |   |   |   |   |   |   |   |   |
| T 10 | 7 37 7  | 27 <sup>h</sup> 5'39  | 11 <sup>h</sup> 31  | 8 <sup>h</sup> 30  | 18 <sup>h</sup> 12 | 15 <sup>h</sup> 49 | 14 <sup>h</sup> 23 | 10 <sup>h</sup> 21  | 20 <sup>h</sup> 27 | 12 <sup>h</sup> 5   | 21 <sup>h</sup> 51 | 9 <sup>h</sup> 38   | 8 <sup>h</sup> 56 | 25 <sup>h</sup> 1   | n.a. |   |   |   |   |   |   |   |   |
| W11  | 7 41 3  | 28 <sup>h</sup> 4'25  | 23 <sup>h</sup> 42  | 10 <sup>h</sup> 12 | 19 <sup>h</sup> 26 | 16 <sup>h</sup> 32 | 14 <sup>h</sup> 37 | 10 <sup>h</sup> 17  | 20 <sup>h</sup> 30 | 12 <sup>h</sup> 6   | 21 <sup>h</sup> 52 | 9 <sup>h</sup> 26   | 8 <sup>h</sup> 53 | 25 <sup>h</sup> 8   | n.a. |   |   |   |   |   |   |   |   |
| T 12 | 7 45 0  | 29 <sup>h</sup> 3'09  | 6 <sup>h</sup> 27   | 11 <sup>h</sup> 55 | 20 <sup>h</sup> 40 | 17 <sup>h</sup> 15 | 14 <sup>h</sup> 52 | 10 <sup>h</sup> 12  | 20 <sup>h</sup> 34 | 12 <sup>h</sup> 6   | 21 <sup>h</sup> 54 | 9 <sup>h</sup> 13   | 8 <sup>h</sup> 50 | 25 <sup>h</sup> 14  | n.a. |   |   |   |   |   |   |   |   |
| F 13 | 7 48 57 | 0 <sup>h</sup> 1'50   | 19 <sup>h</sup> 26  | 13 <sup>h</sup> 39 | 21 <sup>h</sup> 54 | 17 <sup>h</sup> 57 | 15 <sup>h</sup> 6  | 10 <sup>h</sup> 8   | 20 <sup>h</sup> 37 | 12 <sup>h</sup> 7   | 21 <sup>h</sup> 55 | 9 <sup>h</sup> 0    | 8 <sup>h</sup> 47 | 25 <sup>h</sup> 21  | n.a. |   |   |   |   |   |   |   |   |
| S 14 | 7 52 53 | 1 <sup>h</sup> 0'29   | 2 <sup>h</sup> 38   | 15 <sup>h</sup> 25 | 23 <sup>h</sup> 8  | 18 <sup>h</sup> 40 | 15 <sup>h</sup> 20 | 10 <sup>h</sup> 3   | 20 <sup>h</sup> 41 | 12 <sup>h</sup> 8   | 21 <sup>h</sup> 57 | 8 <sup>h</sup> 49   | 8 <sup>h</sup> 43 | 25 <sup>h</sup> 28  | n.a. |   |   |   |   |   |   |   |   |
| S 15 | 7 56 50 | 1 <sup>h</sup> 59'05  | 16 <sup>h</sup> 0   | 17 <sup>h</sup> 12 | 24 <sup>h</sup> 22 | 19 <sup>h</sup> 23 | 15 <sup>h</sup> 34 | 9 <sup>h</sup> 59   | 20 <sup>h</sup> 44 | 12 <sup>h</sup> 9   | 21 <sup>h</sup> 58 | 8 <sup>h</sup> 40   | 8 <sup>h</sup> 40 | 25 <sup>h</sup> 34  | n.a. |   |   |   |   |   |   |   |   |
| M16  | 8 0 46  | 2 <sup>h</sup> 57'39  | 29 <sup>h</sup> 33  | 19 <sup>h</sup> 1  | 25 <sup>h</sup> 36 | 20 <sup>h</sup> 5  | 15 <sup>h</sup> 48 | 9 <sup>h</sup> 55   | 20 <sup>h</sup> 47 | 12 <sup>h</sup> 10  | 22 <sup>h</sup> 0  | 8 <sup>h</sup> 34   | 8 <sup>h</sup> 37 | 25 <sup>h</sup> 41  | n.a. |   |   |   |   |   |   |   |   |
| T 17 | 8 4 43  | 3 <sup>h</sup> 56'11  | 13 <sup>h</sup> Y16 | 20 <sup>h</sup> 51 | 26 <sup>h</sup> 50 | 20 <sup>h</sup> 48 | 16 <sup>h</sup> 2  | 9 <sup>h</sup> 50   | 20 <sup>h</sup> 51 | 12 <sup>h</sup> 10  | 22 <sup>h</sup> 1  | 8 <sup>h</sup> 31   | 8 <sup>h</sup> 34 | 25 <sup>h</sup> 48  | n.a. |   |   |   |   |   |   |   |   |
| W18  | 8 8 39  | 4 <sup>h</sup> 54'41  | 27 <sup>h</sup> 8   | 22 <sup>h</sup> 43 | 28 <sup>h</sup> 4  | 21 <sup>h</sup> 30 |                    |                     |                    |                     |                    |                     |                   |                     |      |   |   |   |   |   |   |   |   |

SWISS EPHEMERIS for the year 3115 BCE

MARCH 3115 BCE (-3114) JC

00:00 UT

| Day  | Sid.t    | ☉                       | ☽                   | ♀                   | ♁                   | ♂                   | ♃                   | ♄                  | ♅                   | ♆                   | ♇                   | ♈                  | ♉                  | ♊                   | ♋    | ♌ | ♍ | ♎ | ♏ | ♐ | ♑ | ♒ | ♓ |
|------|----------|-------------------------|---------------------|---------------------|---------------------|---------------------|---------------------|--------------------|---------------------|---------------------|---------------------|--------------------|--------------------|---------------------|------|---|---|---|---|---|---|---|---|
| S 1  | 8 52 1   | 15 <sup>h</sup> 35'35"  | 0 <sup>h</sup> 39'  | 14 <sup>h</sup> 48' | 11 <sup>h</sup> 36' | 29 <sup>h</sup> 15' | 18 <sup>h</sup> 37' | 8 <sup>h</sup> R56 | 21 <sup>h</sup> 30' | 12 <sup>h</sup> M16 | 22 <sup>h</sup> 19' | 7 <sup>h</sup> R14 | 7 <sup>h</sup> 56' | 27 <sup>h</sup> M 8 | n.a. |   |   |   |   |   |   |   |   |
| M 2  | 8 55 58  | 16 <sup>h</sup> 33'39"  | 13 <sup>h</sup> 10' | 16 <sup>h</sup> 55' | 12 <sup>h</sup> 50' | 29 <sup>h</sup> 57' | 19 <sup>h</sup> 1   | 8 <sup>h</sup> Ω52 | 21 <sup>h</sup> 33' | 12 <sup>h</sup> 16' | 22 <sup>h</sup> 20' | 7 <sup>h</sup> Ω10 | 7 <sup>h</sup> 53' | 27 <sup>h</sup> 14' | n.a. |   |   |   |   |   |   |   |   |
| T 3  | 8 59 55  | 17 <sup>h</sup> 31'41"  | 25 <sup>h</sup> 23' | 19 <sup>h</sup> 4   | 14 <sup>h</sup> 4   | 0 <sup>h</sup> Ω39  | 19 <sup>h</sup> 14' | 8 <sup>h</sup> 47' | 21 <sup>h</sup> 36' | 12 <sup>h</sup> 17' | 22 <sup>h</sup> 22' | 7 <sup>h</sup> 8   | 7 <sup>h</sup> 49' | 27 <sup>h</sup> 21' | n.a. |   |   |   |   |   |   |   |   |
| W 4  | 9 3 51   | 18 <sup>h</sup> 29'42"  | 7 <sup>h</sup> M23  | 21 <sup>h</sup> 12' | 15 <sup>h</sup> 18' | 1 <sup>h</sup> 21'  | 19 <sup>h</sup> 28' | 8 <sup>h</sup> 43' | 21 <sup>h</sup> 40' | 12 <sup>h</sup> 17' | 22 <sup>h</sup> 23' | 7 <sup>h</sup> D 8 | 7 <sup>h</sup> 46' | 27 <sup>h</sup> 28' | n.a. |   |   |   |   |   |   |   |   |
| T 5  | 9 7 48   | 19 <sup>h</sup> 27'41"  | 19 <sup>h</sup> 14' | 23 <sup>h</sup> 20' | 16 <sup>h</sup> 31' | 2 <sup>h</sup> 3    | 19 <sup>h</sup> 41' | 8 <sup>h</sup> 38' | 21 <sup>h</sup> 43' | 12 <sup>h</sup> 17' | 22 <sup>h</sup> 24' | 7 <sup>h</sup> R 8 | 7 <sup>h</sup> 43' | 27 <sup>h</sup> 34' | n.a. |   |   |   |   |   |   |   |   |
| F 6  | 9 11 44  | 20 <sup>h</sup> 25'39"  | 1 <sup>h</sup> Ω 3  | 25 <sup>h</sup> 29' | 17 <sup>h</sup> 45' | 2 <sup>h</sup> 44'  | 19 <sup>h</sup> 55' | 8 <sup>h</sup> 34' | 21 <sup>h</sup> 46' | 12 <sup>h</sup> 17' | 22 <sup>h</sup> 26' | 7 <sup>h</sup> 7   | 7 <sup>h</sup> 40' | 27 <sup>h</sup> 41' | n.a. |   |   |   |   |   |   |   |   |
| S 7  | 9 15 41  | 21 <sup>h</sup> 23'35"  | 12 <sup>h</sup> 54' | 27 <sup>h</sup> 37' | 18 <sup>h</sup> 59' | 3 <sup>h</sup> 26'  | 20 <sup>h</sup> 8   | 8 <sup>h</sup> 30' | 21 <sup>h</sup> 49' | 12 <sup>h</sup> 17' | 22 <sup>h</sup> 27' | 7 <sup>h</sup> 5   | 7 <sup>h</sup> 37' | 27 <sup>h</sup> 48' | n.a. |   |   |   |   |   |   |   |   |
| S 8  | 9 19 37  | 22 <sup>h</sup> 21'29"  | 24 <sup>h</sup> 53' | 29 <sup>h</sup> 44' | 20 <sup>h</sup> 13' | 4 <sup>h</sup> 8    | 20 <sup>h</sup> 21' | 8 <sup>h</sup> 25' | 21 <sup>h</sup> 52' | 12 <sup>h</sup> 17' | 22 <sup>h</sup> 28' | 7 <sup>h</sup> 1   | 7 <sup>h</sup> 34' | 27 <sup>h</sup> 54' | n.a. |   |   |   |   |   |   |   |   |
| M 9  | 9 23 34  | 23 <sup>h</sup> 19'22"  | 7 <sup>h</sup> Ω 4  | 1 <sup>h</sup> Ω50  | 21 <sup>h</sup> 27' | 4 <sup>h</sup> 49'  | 20 <sup>h</sup> 34' | 8 <sup>h</sup> 21' | 21 <sup>h</sup> 55' | 12 <sup>h</sup> 17' | 22 <sup>h</sup> 30' | 6 <sup>h</sup> 55' | 7 <sup>h</sup> 30' | 28 <sup>h</sup> 1   | n.a. |   |   |   |   |   |   |   |   |
| T 10 | 9 27 30  | 24 <sup>h</sup> 17'14"  | 19 <sup>h</sup> 30' | 3 <sup>h</sup> 55'  | 22 <sup>h</sup> 40' | 5 <sup>h</sup> 31'  | 20 <sup>h</sup> 47' | 8 <sup>h</sup> 17' | 21 <sup>h</sup> 58' | 12 <sup>h</sup> R17 | 22 <sup>h</sup> 31' | 6 <sup>h</sup> 46' | 7 <sup>h</sup> 27' | 28 <sup>h</sup> 7   | n.a. |   |   |   |   |   |   |   |   |
| W11  | 9 31 27  | 25 <sup>h</sup> 15'04"  | 2 <sup>h</sup> M13  | 5 <sup>h</sup> 59'  | 23 <sup>h</sup> 54' | 6 <sup>h</sup> 13'  | 21 <sup>h</sup> 1   | 8 <sup>h</sup> 13' | 22 <sup>h</sup> 1   | 12 <sup>h</sup> 17' | 22 <sup>h</sup> 32' | 6 <sup>h</sup> 35' | 7 <sup>h</sup> 24' | 28 <sup>h</sup> 14' | n.a. |   |   |   |   |   |   |   |   |
| T 12 | 9 35 24  | 26 <sup>h</sup> 12'52"  | 15 <sup>h</sup> 15' | 8 <sup>h</sup> 0    | 25 <sup>h</sup> 8   | 6 <sup>h</sup> 54'  | 21 <sup>h</sup> 14' | 8 <sup>h</sup> 8   | 22 <sup>h</sup> 4   | 12 <sup>h</sup> 17' | 22 <sup>h</sup> 34' | 6 <sup>h</sup> 23' | 7 <sup>h</sup> 21' | 28 <sup>h</sup> 21' | n.a. |   |   |   |   |   |   |   |   |
| F 13 | 9 39 20  | 27 <sup>h</sup> 10'38"  | 28 <sup>h</sup> 35' | 10 <sup>h</sup> 0   | 26 <sup>h</sup> 22' | 7 <sup>h</sup> 36'  | 21 <sup>h</sup> 27' | 8 <sup>h</sup> 4   | 22 <sup>h</sup> 7   | 12 <sup>h</sup> 17' | 22 <sup>h</sup> 35' | 6 <sup>h</sup> 12' | 7 <sup>h</sup> 18' | 28 <sup>h</sup> 27' | n.a. |   |   |   |   |   |   |   |   |
| S 14 | 9 43 17  | 28 <sup>h</sup> 8'23"   | 12 <sup>h</sup> Ω 9 | 11 <sup>h</sup> 57' | 27 <sup>h</sup> 35' | 8 <sup>h</sup> 17'  | 21 <sup>h</sup> 39' | 8 <sup>h</sup> 0   | 22 <sup>h</sup> 10' | 12 <sup>h</sup> 17' | 22 <sup>h</sup> 36' | 6 <sup>h</sup> 2   | 7 <sup>h</sup> 15' | 28 <sup>h</sup> 34' | n.a. |   |   |   |   |   |   |   |   |
| S 15 | 9 47 13  | 29 <sup>h</sup> 6'06"   | 25 <sup>h</sup> 56' | 13 <sup>h</sup> 51' | 28 <sup>h</sup> 49' | 8 <sup>h</sup> 58'  | 21 <sup>h</sup> 52' | 7 <sup>h</sup> 56' | 22 <sup>h</sup> 13' | 12 <sup>h</sup> 17' | 22 <sup>h</sup> 37' | 5 <sup>h</sup> 54' | 7 <sup>h</sup> 11' | 28 <sup>h</sup> 41' | n.a. |   |   |   |   |   |   |   |   |
| M16  | 9 51 10  | 0 <sup>h</sup> Ω 3'48"  | 9 <sup>h</sup> Ω52  | 15 <sup>h</sup> 42' | 0 <sup>h</sup> Ω 3  | 9 <sup>h</sup> 40'  | 22 <sup>h</sup> 5   | 7 <sup>h</sup> 52' | 22 <sup>h</sup> 16' | 12 <sup>h</sup> 17' | 22 <sup>h</sup> 39' | 5 <sup>h</sup> 49' | 7 <sup>h</sup> 8   | 28 <sup>h</sup> 47' | n.a. |   |   |   |   |   |   |   |   |
| T 17 | 9 55 6   | 1 <sup>h</sup> 1'27"    | 23 <sup>h</sup> 54' | 17 <sup>h</sup> 31' | 1 <sup>h</sup> 17'  | 10 <sup>h</sup> 21' | 22 <sup>h</sup> 18' | 7 <sup>h</sup> 48' | 22 <sup>h</sup> 19' | 12 <sup>h</sup> 16' | 22 <sup>h</sup> 40' | 5 <sup>h</sup> 46' | 7 <sup>h</sup> 5   | 28 <sup>h</sup> 54' | n.a. |   |   |   |   |   |   |   |   |
| W18  | 9 59 3   | 1 <sup>h</sup> 59'05"   | 8 <sup>h</sup> Ω 0  | 19 <sup>h</sup> 17' | 2 <sup>h</sup> 30'  | 11 <sup>h</sup> 2   | 22 <sup>h</sup> 30' | 7 <sup>h</sup> 44' | 22 <sup>h</sup> 21' | 12 <sup>h</sup> 16' | 22 <sup>h</sup> 41' | 5 <sup>h</sup> D46 | 7 <sup>h</sup> 2   | 29 <sup>h</sup> 1   | n.a. |   |   |   |   |   |   |   |   |
| T 19 | 10 2 59  | 2 <sup>h</sup> 56'41"   | 22 <sup>h</sup> 8   | 20 <sup>h</sup> 59' | 3 <sup>h</sup> 44'  | 11 <sup>h</sup> 44' | 22 <sup>h</sup> 43' | 7 <sup>h</sup> 40' | 22 <sup>h</sup> 24' | 12 <sup>h</sup> 16' | 22 <sup>h</sup> 42' | 5 <sup>h</sup> 46' | 6 <sup>h</sup> 59' | 29 <sup>h</sup> 7   | n.a. |   |   |   |   |   |   |   |   |
| F 20 | 10 6 56  | 3 <sup>h</sup> 54'16"   | 6 <sup>h</sup> Ω17  | 22 <sup>h</sup> 38' | 4 <sup>h</sup> 58'  | 12 <sup>h</sup> 25' | 22 <sup>h</sup> 56' | 7 <sup>h</sup> 37' | 22 <sup>h</sup> 27' | 12 <sup>h</sup> 16' | 22 <sup>h</sup> 44' | 5 <sup>h</sup> R46 | 6 <sup>h</sup> 55' | 29 <sup>h</sup> 14' | n.a. |   |   |   |   |   |   |   |   |
| S 21 | 10 10 53 | 4 <sup>h</sup> 51'48"   | 20 <sup>h</sup> 24' | 24 <sup>h</sup> 13' | 6 <sup>h</sup> 12'  | 13 <sup>h</sup> 6   | 23 <sup>h</sup> 8   | 7 <sup>h</sup> 33' | 22 <sup>h</sup> 30' | 12 <sup>h</sup> 15' | 22 <sup>h</sup> 45' | 5 <sup>h</sup> 45' | 6 <sup>h</sup> 52' | 29 <sup>h</sup> 21' | n.a. |   |   |   |   |   |   |   |   |
| S 22 | 10 14 49 | 5 <sup>h</sup> 49'19"   | 4 <sup>h</sup> Ω30  | 25 <sup>h</sup> 46' | 7 <sup>h</sup> 25'  | 13 <sup>h</sup> 47' | 23 <sup>h</sup> 20' | 7 <sup>h</sup> 29' | 22 <sup>h</sup> 32' | 12 <sup>h</sup> 15' | 22 <sup>h</sup> 46' | 5 <sup>h</sup> 42' | 6 <sup>h</sup> 49' | 29 <sup>h</sup> 27' | n.a. |   |   |   |   |   |   |   |   |
| M23  | 10 18 46 | 6 <sup>h</sup> 46'49"   | 18 <sup>h</sup> 32' | 27 <sup>h</sup> 14' | 8 <sup>h</sup> 39'  | 14 <sup>h</sup> 28' | 23 <sup>h</sup> 33' | 7 <sup>h</sup> 25' | 22 <sup>h</sup> 35' | 12 <sup>h</sup> 14' | 22 <sup>h</sup> 47' | 5 <sup>h</sup> 37' | 6 <sup>h</sup> 46' | 29 <sup>h</sup> 34' | n.a. |   |   |   |   |   |   |   |   |
| T 24 | 10 22 42 | 7 <sup>h</sup> 44'16"   | 2 <sup>h</sup> Ω28  | 28 <sup>h</sup> 39' | 9 <sup>h</sup> 53'  | 15 <sup>h</sup> 9   | 23 <sup>h</sup> 45' | 7 <sup>h</sup> 22' | 22 <sup>h</sup> 38' | 12 <sup>h</sup> 14' | 22 <sup>h</sup> 48' | 5 <sup>h</sup> 30' | 6 <sup>h</sup> 43' | 29 <sup>h</sup> 41' | n.a. |   |   |   |   |   |   |   |   |
| W25  | 10 26 39 | 8 <sup>h</sup> 41'42"   | 16 <sup>h</sup> 13' | 0 <sup>h</sup> Ω 1  | 11 <sup>h</sup> 6   | 15 <sup>h</sup> 50' | 23 <sup>h</sup> 57' | 7 <sup>h</sup> 18' | 22 <sup>h</sup> 40' | 12 <sup>h</sup> 13' | 22 <sup>h</sup> 49' | 5 <sup>h</sup> 21' | 6 <sup>h</sup> 40' | 29 <sup>h</sup> 47' | n.a. |   |   |   |   |   |   |   |   |
| T 26 | 10 30 35 | 9 <sup>h</sup> 39'07"   | 29 <sup>h</sup> 45' | 1 <sup>h</sup> 18'  | 12 <sup>h</sup> 20' | 16 <sup>h</sup> 31' | 24 <sup>h</sup> 9   | 7 <sup>h</sup> 15' | 22 <sup>h</sup> 43' | 12 <sup>h</sup> 13' | 22 <sup>h</sup> 50' | 5 <sup>h</sup> 11' | 6 <sup>h</sup> 36' | 29 <sup>h</sup> 54' | n.a. |   |   |   |   |   |   |   |   |
| F 27 | 10 34 32 | 10 <sup>h</sup> 36'30"  | 13 <sup>h</sup> Ω 2 | 2 <sup>h</sup> 32'  | 13 <sup>h</sup> 34' | 17 <sup>h</sup> 12' | 24 <sup>h</sup> 21' | 7 <sup>h</sup> 12' | 22 <sup>h</sup> 45' | 12 <sup>h</sup> 12' | 22 <sup>h</sup> 51' | 5 <sup>h</sup> 3   | 6 <sup>h</sup> 33' | 0 <sup>h</sup> Ω 1  | n.a. |   |   |   |   |   |   |   |   |
| S 28 | 10 38 28 | 11 <sup>h</sup> 33'52"  | 26 <sup>h</sup> 1   | 3 <sup>h</sup> 42'  | 14 <sup>h</sup> 47' | 17 <sup>h</sup> 52' | 24 <sup>h</sup> 33' | 7 <sup>h</sup> 8   | 22 <sup>h</sup> 48' | 12 <sup>h</sup> 12' | 22 <sup>h</sup> 53' | 4 <sup>h</sup> 55' | 6 <sup>h</sup> 30' | 0 <sup>h</sup> 7    | n.a. |   |   |   |   |   |   |   |   |
| S 29 | 10 42 25 | 12 <sup>h</sup> 31'13"  | 8 <sup>h</sup> Ω42  | 4 <sup>h</sup> 49'  | 16 <sup>h</sup> 1   | 18 <sup>h</sup> 33' | 24 <sup>h</sup> 45' | 7 <sup>h</sup> 5   | 22 <sup>h</sup> 50' | 12 <sup>h</sup> 11' | 22 <sup>h</sup> 54' | 4 <sup>h</sup> 50' | 6 <sup>h</sup> 27' | 0 <sup>h</sup> 14'  | n.a. |   |   |   |   |   |   |   |   |
| M30  | 10 46 22 | 13 <sup>h</sup> 28'32"  | 21 <sup>h</sup> 7   | 5 <sup>h</sup> 51'  | 17 <sup>h</sup> 15' | 19 <sup>h</sup> 14' | 24 <sup>h</sup> 57' | 7 <sup>h</sup> 2   | 22 <sup>h</sup> 53' | 12 <sup>h</sup> 11' | 22 <sup>h</sup> 55' | 4 <sup>h</sup> 47' | 6 <sup>h</sup> 24' | 0 <sup>h</sup> 21'  | n.a. |   |   |   |   |   |   |   |   |
| T 31 | 10 50 18 | 14 <sup>h</sup> Ω25'51" | 3 <sup>h</sup> M17  | 6 <sup>h</sup> Ω50  | 18 <sup>h</sup> Ω28 | 19 <sup>h</sup> Ω55 | 25 <sup>h</sup> Ω 8 | 6 <sup>h</sup> Ω59 | 22 <sup>h</sup> Ω55 | 12 <sup>h</sup> M10 | 22 <sup>h</sup> Ω56 | 4 <sup>h</sup> D46 | 6 <sup>h</sup> Ω20 | 0 <sup>h</sup> Ω27  | n.a. |   |   |   |   |   |   |   |   |

Delta T = 22h40m54s Julian Calendar 1 March 3115 BCE == Greg. Calendar 3 Feb. 3115 BCE  
 The year -3114 astronomical counting style corresponds to year 3115 B.C.E historical counting style.

APRIL 3115 BCE (-3114) JC

00:00 UT

| Day  | Sid.t    | ☉                       | ☽                   | ♀                   | ♁                   | ♂                   | ♃                   | ♄                  | ♅                   | ♆                   | ♇                   | ♈                  | ♉                  | ♊                  | ♋    | ♌ | ♍ | ♎ | ♏ | ♐ | ♑ | ♒ | ♓ |
|------|----------|-------------------------|---------------------|---------------------|---------------------|---------------------|---------------------|--------------------|---------------------|---------------------|---------------------|--------------------|--------------------|--------------------|------|---|---|---|---|---|---|---|---|
| W 1  | 10 54 15 | 15 <sup>h</sup> Ω23'09" | 15 <sup>h</sup> M16 | 7 <sup>h</sup> Ω44  | 19 <sup>h</sup> Ω42 | 20 <sup>h</sup> Ω35 | 25 <sup>h</sup> Ω20 | 6 <sup>h</sup> R56 | 22 <sup>h</sup> Ω58 | 12 <sup>h</sup> R 9 | 22 <sup>h</sup> Ω57 | 4 <sup>h</sup> Ω47 | 6 <sup>h</sup> Ω17 | 0 <sup>h</sup> Ω34 | n.a. |   |   |   |   |   |   |   |   |
| T 2  | 10 58 11 | 16 <sup>h</sup> 20'25"  | 27 <sup>h</sup> 7   | 8 <sup>h</sup> 34'  | 20 <sup>h</sup> 56' | 21 <sup>h</sup> 16' | 25 <sup>h</sup> 31' | 6 <sup>h</sup> Ω53 | 23 <sup>h</sup> 0   | 12 <sup>h</sup> M 9 | 22 <sup>h</sup> Ω58 | 4 <sup>h</sup> 48' | 6 <sup>h</sup> 14' | 0 <sup>h</sup> 41' | n.a. |   |   |   |   |   |   |   |   |
| F 3  | 11 2 8   | 17 <sup>h</sup> 17'42"  | 8 <sup>h</sup> Ω57  | 9 <sup>h</sup> 21'  | 22 <sup>h</sup> 9   | 21 <sup>h</sup> 57' | 25 <sup>h</sup> 43' | 6 <sup>h</sup> 50' | 23 <sup>h</sup> 2   | 12 <sup>h</sup> 8   | 22 <sup>h</sup> Ω59 | 4 <sup>h</sup> 49' | 6 <sup>h</sup> 11' | 0 <sup>h</sup> 47' | n.a. |   |   |   |   |   |   |   |   |
| S 4  | 11 6 4   | 18 <sup>h</sup> 14'57"  | 20 <sup>h</sup> 49' | 10 <sup>h</sup> 3   | 23 <sup>h</sup> 23' | 22 <sup>h</sup> 37' | 25 <sup>h</sup> 54' | 6 <sup>h</sup> 47' | 23 <sup>h</sup> 5   | 12 <sup>h</sup> 7   | 23 <sup>h</sup> 0   | 4 <sup>h</sup> R49 | 6 <sup>h</sup> 8   | 0 <sup>h</sup> 54' | n.a. |   |   |   |   |   |   |   |   |
| S 5  | 11 10 1  | 19 <sup>h</sup> 12'12"  | 2 <sup>h</sup> Ω49  | 10 <sup>h</sup> 40' | 24 <sup>h</sup> 37' | 23 <sup>h</sup> 18' | 26 <sup>h</sup> 5   | 6 <sup>h</sup> 44' | 23 <sup>h</sup> 7   | 12 <sup>h</sup> 6   | 23 <sup>h</sup> 1   | 4 <sup>h</sup> 48' | 6 <sup>h</sup> 5   | 1 <sup>h</sup> 1   | n.a. |   |   |   |   |   |   |   |   |
| M 6  | 11 13 57 | 20 <sup>h</sup> 9'26"   | 15 <sup>h</sup> 2   | 11 <sup>h</sup> 13' | 25 <sup>h</sup> 50' | 23 <sup>h</sup> 58' | 26 <sup>h</sup> 16' | 6 <sup>h</sup> 41' | 23 <sup>h</sup> 9   | 12 <sup>h</sup> 6   | 23 <sup>h</sup> 1   | 4 <sup>h</sup> 45' | 6 <sup>h</sup> 1   | 1 <sup>h</sup> 7   | n.a. |   |   |   |   |   |   |   |   |
| T 7  | 11 17 54 | 21 <sup>h</sup> 6'39"   | 27 <sup>h</sup> 33' | 11 <sup>h</sup> 42' | 27 <sup>h</sup> 4   | 24 <sup>h</sup> 39' | 26 <sup>h</sup> 28' | 6 <sup>h</sup> 39' | 23 <sup>h</sup> 11' | 12 <sup>h</sup> 5   | 23 <sup>h</sup> 2   | 4 <sup>h</sup> 41' | 5 <sup>h</sup> 58' | 1 <sup>h</sup> 14' | n.a. |   |   |   |   |   |   |   |   |
| W 8  | 11 21 51 | 22 <sup>h</sup> 3'51"   | 10 <sup>h</sup> Ω23 | 12 <sup>h</sup> 6   | 28 <sup>h</sup> 18' | 25 <sup>h</sup> 19' | 26 <sup>h</sup> 39' | 6 <sup>h</sup> 36' | 23 <sup>h</sup> 13' | 12 <sup>h</sup> 4   | 23 <sup>h</sup> 3   | 4 <sup>h</sup> 35' | 5 <sup>h</sup> 55' | 1 <sup>h</sup> 21' | n.a. |   |   |   |   |   |   |   |   |
| T 9  | 11 25 47 | 23 <sup>h</sup> 1'03"   | 23 <sup>h</sup> 35' | 12 <sup>h</sup> 26' | 29 <sup>h</sup> 31' | 25 <sup>h</sup> 59' | 26 <sup>h</sup> 49' | 6 <sup>h</sup> 34' | 23 <sup>h</sup> 16' | 12 <sup>h</sup> 3   | 23 <sup>h</sup> 4   | 4 <sup>h</sup> 28' | 5 <sup>h</sup> 52' | 1 <sup>h</sup> 27' | n.a. |   |   |   |   |   |   |   |   |
| F 10 | 11 29 44 | 23 <sup>h</sup> 58'14"  | 7 <sup>h</sup> Ω 9  | 12 <sup>h</sup> 41' | 0 <sup>h</sup> Ω45  | 26 <sup>h</sup> 40' | 27 <sup>h</sup> 0   | 6 <sup>h</sup> 31' | 23 <sup>h</sup> 18' | 12 <sup>h</sup> 2   | 23 <sup>h</sup> 5   | 4 <sup>h</sup> 21' | 5 <sup>h</sup> 49' | 1 <sup>h</sup> 34' | n.a. |   |   |   |   |   |   |   |   |
| S 11 | 11 33 40 | 24 <sup>h</sup> 55'24"  | 21 <sup>h</sup> 2   | 12 <sup>h</sup> 52' | 1 <sup>h</sup> 58'  | 27 <sup>h</sup> 20' | 27 <sup>h</sup> 11' | 6 <sup>h</sup> 29' | 23 <sup>h</sup> 20' | 12 <sup>h</sup> 1   | 23 <sup>h</sup> 6   | 4 <sup>h</sup> 16' | 5 <sup>h</sup> 46' | 1 <sup>h</sup> 41' | n.a. |   |   |   |   |   |   |   |   |
| S 12 | 11 37 37 | 25 <sup>h</sup> 52'34"  | 5 <sup>h</sup> Ω12  | 12 <sup>h</sup> 58' | 3 <sup>h</sup> 12'  | 28 <sup>h</sup> 0   | 27 <sup>h</sup> 21' | 6 <sup>h</sup> 27' | 23 <sup>h</sup> 22' | 12 <sup>h</sup> 0   | 23 <sup>h</sup> 7   | 4 <sup>h</sup> 11' | 5 <sup>h</sup> 42' | 1 <sup>h</sup> 47' | n.a. |   |   |   |   |   |   |   |   |
| M13  | 11 41 33 | 26 <sup>h</sup> 49'42"  | 19 <sup>h</sup> 33' | 12 <sup>h</sup> R59 | 4 <sup>h</sup> 26'  | 28 <sup>h</sup> 40' | 27 <sup>h</sup> 32' | 6 <sup>h</sup> 25' | 23 <sup>h</sup> 24' | 11 <sup>h</sup> 59' | 23 <sup>h</sup> 7   | 4 <sup>h</sup> 9   | 5 <sup>h</sup> 39' | 1 <sup>h</sup> 54' | n.a. |   |   |   |   |   |   |   |   |
| T 14 | 11 45 30 | 27 <sup>h</sup> 46'50"  | 4 <sup>h</sup> Ω 1  | 12 <sup>h</sup> 56' | 5 <sup>h</sup> 39'  | 29 <sup>h</sup> 21' | 27 <sup>h</sup> 42' | 6 <sup>h</sup> 23' | 23 <sup>h</sup> 25' | 11 <sup>h</sup> 58' | 23 <sup>h</sup> 8   | 4 <sup>h</sup> D 8 | 5 <sup>h</sup> 36' | 2 <sup>h</sup> 1   | n.a. |   |   |   |   |   |   |   |   |
| W15  | 11 49 26 | 28 <sup>h</sup> 43'57"  | 18 <sup>h</sup> 29' | 12 <sup>h</sup> 49' | 6 <sup>h</sup> 53'  | 0 <sup>h</sup> Ω 1  | 27 <sup>h</sup> 52' | 6 <sup>h</sup> 21' | 23 <sup>h</sup> 27' | 11 <sup>h</sup> 57' | 23 <sup>h</sup> 9   | 4 <sup>h</sup> 9   | 5 <sup>h</sup> 33' | 2 <sup>h</sup> 7   | n.a. |   |   |   |   |   |   |   |   |
| T 16 | 11 53 23 | 29 <sup>h</sup> 41'04"  | 2 <sup>h</sup> Ω54  | 12 <sup>h</sup> 37' | 8 <sup>h</sup> 7    | 0 <sup>h</sup> 41'  | 28 <sup>h</sup> 3   | 6 <sup>h</sup> 19' | 23 <sup>h</sup> 29' | 11 <sup>h</sup> 56' | 23 <sup>h</sup> 10  | 4 <sup>h</sup> 10' | 5 <sup>h</sup> 30' | 2 <sup>h</sup> 14' | n.a. |   |   |   |   |   |   |   |   |
| F 17 | 11 57 20 | 0 <sup>h</sup> Ω38'09"  | 17 <sup>h</sup> 12' | 12 <sup>h</sup> 21' | 9 <sup>h</sup> 20'  | 1 <sup>h</sup> 21'  | 28 <sup>h</sup> 13' | 6 <sup>h</sup> 17' | 23 <sup>h</sup> 31' | 11 <sup>h</sup> 55' | 23 <sup>h</sup> 10  | 4 <sup>h</sup> 11' | 5 <sup>h</sup> 26' | 2 <sup>h</sup> 21' | n.a. |   |   |   |   |   |   |   |   |
| S 18 | 12 1 16  | 1 <sup>h</sup> 35'14"   | 1 <sup>h</sup> Ω21  | 12 <sup>h</sup> 2   | 10 <sup>h</sup> 34' | 2 <sup>h</sup> 1    | 28 <sup>h</sup> 23' | 6 <sup>h</sup>     |                     |                     |                     |                    |                    |                    |      |   |   |   |   |   |   |   |   |

SWISS EPHEMERIS for the year 3115 BCE

MAY 3115 BCE (-3114) JC

00:00 UT

| Day  | Sid.t    | ☉        | ☽        | ♀      | ♁      | ♂      | ♃    | ♄     | ♅      | ♆      | ♇      | ♈     | ♉     | ♊     | ♋    | ♌ | ♍ | ♎ | ♏ | ♐ | ♑ | ♒ | ♓ |
|------|----------|----------|----------|--------|--------|--------|------|-------|--------|--------|--------|-------|-------|-------|------|---|---|---|---|---|---|---|---|
| F 1  | 12 52 31 | 13°56'19 | 17°27' 2 | 5°R28  | 26°V30 | 10°V38 | 0°21 | 6°R 3 | 23°51  | 11°R37 | 23°18  | 3°51  | 4°42  | 3°54  | n.a. |   |   |   |   |   |   |   |   |
| S 2  | 12 56 28 | 14°53'19 | 28°54    | 5°V 5  | 27°43  | 11°18  | 0°29 | 6°L 2 | 23°52  | 11°M36 | 23°19  | 3°52  | 4°39  | 4° 0  | n.a. |   |   |   |   |   |   |   |   |
| S 3  | 13 0 24  | 15°50'19 | 10°55    | 4°47   | 28°57  | 11°57  | 0°37 | 6° 2  | 23°54  | 11°34  | 23°19  | 3°R53 | 4°36  | 4° 7  | n.a. |   |   |   |   |   |   |   |   |
| M 4  | 13 4 21  | 16°47'19 | 23° 7    | 4°32   | 0°10   | 12°37  | 0°45 | 6° 2  | 23°55  | 11°33  | 23°19  | 3°53  | 4°32  | 4°14  | n.a. |   |   |   |   |   |   |   |   |
| T 5  | 13 8 17  | 17°44'19 | 5°37     | 4°21   | 1°24   | 13°16  | 0°53 | 6°D 2 | 23°56  | 11°32  | 23°20  | 3°52  | 4°29  | 4°20  | n.a. |   |   |   |   |   |   |   |   |
| W 6  | 13 12 14 | 18°41'19 | 18°27    | 4°15   | 2°38   | 13°56  | 1° 1 | 6° 2  | 23°56  | 11°30  | 23°20  | 3°51  | 4°26  | 4°27  | n.a. |   |   |   |   |   |   |   |   |
| T 7  | 13 16 11 | 19°38'20 | 1°41     | 4°D13  | 3°51   | 14°35  | 1° 8 | 6° 2  | 23°57  | 11°29  | 23°20  | 3°49  | 4°23  | 4°34  | n.a. |   |   |   |   |   |   |   |   |
| F 8  | 13 20 7  | 20°35'21 | 15°20    | 4°17   | 5° 5   | 15°14  | 1°16 | 6° 2  | 23°58  | 11°27  | 23°20  | 3°47  | 4°20  | 4°40  | n.a. |   |   |   |   |   |   |   |   |
| S 9  | 13 24 4  | 21°32'22 | 29°24    | 4°25   | 6°18   | 15°54  | 1°23 | 6° 3  | 23°59  | 11°26  | 23°21  | 3°46  | 4°17  | 4°47  | n.a. |   |   |   |   |   |   |   |   |
| S 10 | 13 28 0  | 22°29'24 | 13°V48   | 4°38   | 7°32   | 16°33  | 1°30 | 6° 3  | 24° 0  | 11°24  | 23°21  | 3°45  | 4°13  | 4°54  | n.a. |   |   |   |   |   |   |   |   |
| M11  | 13 31 57 | 23°26'26 | 28°29    | 4°56   | 8°45   | 17°12  | 1°37 | 6° 4  | 24° 0  | 11°23  | 23°21  | 3°D44 | 4°10  | 5° 0  | n.a. |   |   |   |   |   |   |   |   |
| T 12 | 13 35 53 | 24°23'29 | 13°R19   | 5°19   | 9°59   | 17°52  | 1°44 | 6° 4  | 24° 1  | 11°21  | 23°21  | 3°45  | 4° 7  | 5° 7  | n.a. |   |   |   |   |   |   |   |   |
| W13  | 13 39 50 | 25°20'31 | 28°12    | 5°47   | 11°12  | 18°31  | 1°50 | 6° 5  | 24° 2  | 11°20  | 23°21  | 3°45  | 4° 4  | 5°14  | n.a. |   |   |   |   |   |   |   |   |
| T 14 | 13 43 46 | 26°17'34 | 12°II59  | 6°20   | 12°26  | 19°10  | 1°57 | 6° 6  | 24° 2  | 11°18  | 23°22  | 3°46  | 4° 1  | 5°20  | n.a. |   |   |   |   |   |   |   |   |
| F 15 | 13 47 43 | 27°14'37 | 27°35    | 6°58   | 13°39  | 19°49  | 2° 3 | 6° 7  | 24° 3  | 11°17  | 23°22  | 3°46  | 3°57  | 5°27  | n.a. |   |   |   |   |   |   |   |   |
| S 16 | 13 51 40 | 28°11'40 | 11°S55   | 7°41   | 14°53  | 20°28  | 2° 9 | 6° 8  | 24° 3  | 11°15  | 23°22  | 3°47  | 3°54  | 5°34  | n.a. |   |   |   |   |   |   |   |   |
| S 17 | 13 55 36 | 29° 8'43 | 25°56    | 8°28   | 16° 6  | 21° 8  | 2°15 | 6° 9  | 24° 4  | 11°13  | 23°22  | 3°R47 | 3°51  | 5°40  | n.a. |   |   |   |   |   |   |   |   |
| M18  | 13 59 33 | 0° 5'47  | 9°L38    | 9°21   | 17°20  | 21°47  | 2°21 | 6°10  | 24° 4  | 11°12  | 23°22  | 3°47  | 3°48  | 5°47  | n.a. |   |   |   |   |   |   |   |   |
| T 19 | 14 3 29  | 1° 2'50  | 2° 3     | 10°18  | 18°33  | 22°26  | 2°27 | 6°11  | 24° 4  | 11°10  | 23°R22 | 3°47  | 3°45  | 5°54  | n.a. |   |   |   |   |   |   |   |   |
| W20  | 14 7 26  | 1°59'54  | 6°M 5    | 11°20  | 19°47  | 23° 5  | 2°32 | 6°13  | 24° 5  | 11° 9  | 23°22  | 3°46  | 3°42  | 6° 0  | n.a. |   |   |   |   |   |   |   |   |
| T 21 | 14 11 22 | 2°56'58  | 18°54    | 12°26  | 21° 0  | 23°44  | 2°38 | 6°14  | 24° 5  | 11° 7  | 23°22  | 3°46  | 3°38  | 6° 7  | n.a. |   |   |   |   |   |   |   |   |
| F 22 | 14 15 19 | 3°54'03  | 1°28     | 13°37  | 22°13  | 24°23  | 2°43 | 6°16  | 24° 5  | 11° 5  | 23°22  | 3°D46 | 3°35  | 6°14  | n.a. |   |   |   |   |   |   |   |   |
| S 23 | 14 19 15 | 4°51'08  | 13°50    | 14°52  | 23°27  | 25° 2  | 2°48 | 6°17  | 24° 5  | 11° 4  | 23°22  | 3°46  | 3°32  | 6°20  | n.a. |   |   |   |   |   |   |   |   |
| S 24 | 14 23 12 | 5°48'13  | 26° 1    | 16°12  | 24°40  | 25°41  | 2°53 | 6°19  | 24° 5  | 11° 2  | 23°22  | 3°46  | 3°29  | 6°27  | n.a. |   |   |   |   |   |   |   |   |
| M25  | 14 27 9  | 6°45'20  | 8°L 4    | 17°36  | 25°54  | 26°19  | 2°58 | 6°21  | 24°R 5 | 11° 1  | 23°21  | 3°R46 | 3°26  | 6°34  | n.a. |   |   |   |   |   |   |   |   |
| T 26 | 14 31 5  | 7°42'27  | 20° 0    | 19° 4  | 27° 7  | 26°58  | 3° 2 | 6°23  | 24° 5  | 10°59  | 23°21  | 3°46  | 3°23  | 6°40  | n.a. |   |   |   |   |   |   |   |   |
| W27  | 14 35 2  | 8°39'35  | 1°V51    | 20°37  | 28°21  | 27°37  | 3° 6 | 6°25  | 24° 5  | 10°57  | 23°21  | 3°46  | 3°19  | 6°47  | n.a. |   |   |   |   |   |   |   |   |
| T 28 | 14 38 58 | 9°36'44  | 13°40    | 22°13  | 29°34  | 28°16  | 3°11 | 6°27  | 24° 5  | 10°56  | 23°21  | 3°45  | 3°16  | 6°54  | n.a. |   |   |   |   |   |   |   |   |
| F 29 | 14 42 55 | 10°33'54 | 25°30    | 23°53  | 0°II47 | 28°55  | 3°15 | 6°29  | 24° 5  | 10°54  | 23°21  | 3°44  | 3°13  | 7° 0  | n.a. |   |   |   |   |   |   |   |   |
| S 30 | 14 46 51 | 11°31'05 | 7°S24    | 25°37  | 2° 1   | 29°33  | 3°18 | 6°32  | 24° 5  | 10°52  | 23°21  | 3°43  | 3°10  | 7° 7  | n.a. |   |   |   |   |   |   |   |   |
| S 31 | 14 50 48 | 12°28'17 | 19°S24   | 27°V24 | 3°II14 | 0°L12  | 3°22 | 6°L34 | 24°S 4 | 10°M51 | 23°S20 | 3°L42 | 3°L 7 | 7°V14 | n.a. |   |   |   |   |   |   |   |   |

Delta T = 22h40m48s Julian Calendar 1 May 3115 BCE == Greg. Calendar 5 Apr. 3115 BCE

The year -3114 astronomical counting style corresponds to year 3115 B.C.E historical counting style.

JUNE 3115 BCE (-3114) JC

00:00 UT

| Day  | Sid.t    | ☉         | ☽      | ♀       | ♁      | ♂      | ♃     | ♄     | ♅      | ♆      | ♇      | ♈     | ♉     | ♊      | ♋    | ♌ | ♍ | ♎ | ♏ | ♐ | ♑ | ♒ | ♓ |
|------|----------|-----------|--------|---------|--------|--------|-------|-------|--------|--------|--------|-------|-------|--------|------|---|---|---|---|---|---|---|---|
| M 1  | 14 54 44 | 13°25'30  | 1°36   | 29°V14  | 4°II28 | 0°S51  | 3°26  | 6°L37 | 24°R 4 | 10°R49 | 23°R20 | 3°R42 | 3°S 3 | 7°V21  | n.a. |   |   |   |   |   |   |   |   |
| T 2  | 14 58 41 | 14°22'45  | 14° 3  | 1°R 7   | 5°41   | 1°30   | 3°29  | 6°39  | 24°S 4 | 10°M48 | 23°S20 | 3°D42 | 3° 0  | 7°27   | n.a. |   |   |   |   |   |   |   |   |
| W 3  | 15 2 38  | 15°20'01  | 26°50  | 3° 3    | 6°54   | 2° 8   | 3°32  | 6°42  | 24° 3  | 10°46  | 23°19  | 3°L42 | 2°57  | 7°34   | n.a. |   |   |   |   |   |   |   |   |
| T 4  | 15 6 34  | 16°17'18  | 10°K 0 | 5° 1    | 8° 8   | 2°47   | 3°35  | 6°44  | 24° 3  | 10°44  | 23°19  | 3°42  | 2°54  | 7°41   | n.a. |   |   |   |   |   |   |   |   |
| F 5  | 15 10 31 | 17°14'37  | 23°35  | 7° 1    | 9°21   | 3°26   | 3°38  | 6°47  | 24° 2  | 10°43  | 23°19  | 3°43  | 2°51  | 7°47   | n.a. |   |   |   |   |   |   |   |   |
| S 6  | 15 14 27 | 18°11'56  | 7°V36  | 9° 2    | 10°34  | 4° 4   | 3°40  | 6°50  | 24° 2  | 10°41  | 23°18  | 3°44  | 2°48  | 7°54   | n.a. |   |   |   |   |   |   |   |   |
| S 7  | 15 18 24 | 19° 9'18  | 22° 3  | 11° 5   | 11°48  | 4°43   | 3°43  | 6°53  | 24° 1  | 10°40  | 23°18  | 3°45  | 2°44  | 8° 1   | n.a. |   |   |   |   |   |   |   |   |
| M 8  | 15 22 20 | 20° 6'40  | 6°S51  | 13° 9   | 13° 1  | 5°21   | 3°45  | 6°56  | 24° 0  | 10°38  | 23°17  | 3°R46 | 2°41  | 8° 7   | n.a. |   |   |   |   |   |   |   |   |
| T 9  | 15 26 17 | 21° 4'04  | 21°55  | 15°14   | 14°15  | 6° 0   | 3°47  | 7° 0  | 24° 0  | 10°36  | 23°17  | 3°45  | 2°38  | 8°14   | n.a. |   |   |   |   |   |   |   |   |
| W10  | 15 30 13 | 22° 1'29  | 7°II 4 | 17°19   | 15°28  | 6°38   | 3°48  | 7° 3  | 23°59  | 10°35  | 23°17  | 3°43  | 2°35  | 8°21   | n.a. |   |   |   |   |   |   |   |   |
| T 11 | 15 34 10 | 22°58'56  | 22°11  | 19°24   | 16°41  | 7°17   | 3°50  | 7° 6  | 23°58  | 10°33  | 23°16  | 3°41  | 2°32  | 8°27   | n.a. |   |   |   |   |   |   |   |   |
| F 12 | 15 38 7  | 23°56'24  | 7°S 6  | 21°29   | 17°55  | 7°55   | 3°51  | 7°10  | 23°57  | 10°32  | 23°16  | 3°39  | 2°29  | 8°34   | n.a. |   |   |   |   |   |   |   |   |
| S 13 | 15 42 3  | 24°53'52  | 21°41  | 23°33   | 19° 8  | 8°34   | 3°53  | 7°13  | 23°57  | 10°30  | 23°15  | 3°36  | 2°25  | 8°41   | n.a. |   |   |   |   |   |   |   |   |
| S 14 | 15 46 0  | 25°51'22  | 5°L52  | 25°37   | 20°21  | 9°12   | 3°54  | 7°17  | 23°56  | 10°29  | 23°15  | 3°34  | 2°22  | 8°47   | n.a. |   |   |   |   |   |   |   |   |
| M15  | 15 49 56 | 26°48'53  | 19°38  | 27°40   | 21°34  | 9°51   | 3°54  | 7°20  | 23°55  | 10°27  | 23°14  | 3°33  | 2°19  | 8°54   | n.a. |   |   |   |   |   |   |   |   |
| T 16 | 15 53 53 | 27°46'25  | 2°M58  | 29°42   | 22°48  | 10°29  | 3°55  | 7°24  | 23°54  | 10°25  | 23°13  | 3°D33 | 2°16  | 9° 1   | n.a. |   |   |   |   |   |   |   |   |
| W17  | 15 57 49 | 28°43'58  | 15°55  | 1°II43  | 24° 1  | 11° 7  | 3°55  | 7°28  | 23°53  | 10°24  | 23°13  | 3°34  | 2°13  | 9° 7   | n.a. |   |   |   |   |   |   |   |   |
| T 18 | 16 1 46  | 29°41'32  | 28°33  | 3°43    | 25°14  | 11°46  | 3°56  | 7°32  | 23°51  | 10°22  | 23°12  | 3°36  | 2° 9  | 9°14   | n.a. |   |   |   |   |   |   |   |   |
| F 19 | 16 5 42  | 0°II39'07 | 10°L54 | 5°42    | 26°27  | 12°24  | 3°R56 | 7°36  | 23°50  | 10°21  | 23°12  | 3°37  | 2° 6  | 9°21   | n.a. |   |   |   |   |   |   |   |   |
| S 20 | 16 9 39  | 1°36'44   | 23° 3  | 7°39    | 27°41  | 13° 2  | 3°55  | 7°40  | 23°49  | 10°19  | 23°11  | 3°38  | 2° 3  | 9°27   | n.a. |   |   |   |   |   |   |   |   |
| S 21 | 16 13 36 | 2°34'22   | 5°M 3  | 9°35    | 28°54  | 13°41  | 3°55  | 7°44  | 23°48  | 10°18  | 23°10  | 3°R39 | 2° 0  | 9°34   | n.a. |   |   |   |   |   |   |   |   |
| M22  | 16 17 32 | 3°32'02   | 16°57  | 11°30   | 0°S 7  | 14°19  | 3°55  | 7°48  | 23°47  | 10°16  | 23° 9  | 3°38  | 1°57  | 9°41   | n.a. |   |   |   |   |   |   |   |   |
| T 23 | 16 21 29 | 4°29'43   | 28°48  | 13°23   | 1°20   | 14°57  | 3°54  | 7°52  | 23°45  | 10°15  | 23° 9  | 3°36  | 1°54  | 9°47   | n.a. |   |   |   |   |   |   |   |   |
| W24  | 16 25 25 | 5°27'26   | 10°V38 | 15°15   | 2°33   | 15°35  | 3°53  | 7°57  | 23°44  | 10°14  | 23° 8  | 3°32  | 1°50  | 9°54   | n.a. |   |   |   |   |   |   |   |   |
| T 25 | 16 29 22 | 6°25'11   | 22°28  | 17° 5   | 3°47   | 16°14  | 3°52  | 8° 1  | 23°43  | 10°12  | 23° 7  | 3°27  | 1°47  | 10° 1  | n.a. |   |   |   |   |   |   |   |   |
| F 26 | 16 33 18 | 7°22'57   | 4°S21  | 18°54   | 5° 0   | 16°52  | 3°50  | 8° 6  | 23°41  | 10°11  | 23° 7  | 3°21  | 1°44  | 10° 7  | n.a. |   |   |   |   |   |   |   |   |
| S 27 | 16 37 15 | 8°20'45   | 16°18  | 20°42   | 6°13   | 17°30  | 3°49  | 8°10  | 23°40  | 10° 9  | 23° 6  | 3°15  | 1°41  | 10°14  | n.a. |   |   |   |   |   |   |   |   |
| S 28 | 16 41 12 | 9°18'35   | 28°23  | 22°28   | 7°26   | 18° 8  | 3°47  | 8°15  | 23°38  | 10° 8  | 23° 5  | 3° 9  | 1°38  | 10°21  | n.a. |   |   |   |   |   |   |   |   |
| M29  | 16 45 8  | 10°16'27  | 10°S38 | 24°13   | 8°39   | 18°46  | 3°45  | 8°20  | 23°37  | 10° 7  | 23° 4  | 3° 4  | 1°35  | 10°27  | n.a. |   |   |   |   |   |   |   |   |
| T 30 | 16 49 5  | 11°14'21  | 23°S 6 | 25°II57 | 9°S52  | 19°S24 | 3°43  | 8°L24 | 23°S35 | 10°M 5 | 23°S 3 | 3°L 1 | 1°S31 | 10°V34 | n.a. |   |   |   |   |   |   |   |   |

Delta T = 22h40m46s

Julian Calendar

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SWISS EPHEMERIS for the year 3115 BCE

JULY 3115 BCE (-3114) JC

00:00 UT

| Day  | Sid.t    | ☉         | ☽      | ♀      | ♂     | ♃     | ♄     | ♅     | ♆      | ♇      | ♈      | ♉     | ♊     | ♋     | ♌    | ♍ | ♎ | ♏ | ♐ | ♑ | ♒ | ♓ |  |
|------|----------|-----------|--------|--------|-------|-------|-------|-------|--------|--------|--------|-------|-------|-------|------|---|---|---|---|---|---|---|--|
| W 1  | 16 53 1  | 12II12'17 | 5X49   | 27II39 | 11☾ 5 | 20♄ 2 | 3°R41 | 8♃29  | 23°R34 | 10°R 4 | 23°R 2 | 2°R59 | 1♄28  | 10♃41 | n.a. |   |   |   |   |   |   |   |  |
| T 2  | 16 56 58 | 13°10'15  | 18°53  | 29°20  | 12°18 | 20°40 | 3♃38  | 8°34  | 23♄32  | 10♃ 3  | 23♄ 2  | 2°D59 | 1°25  | 10°47 | n.a. |   |   |   |   |   |   |   |  |
| F 3  | 17 0 54  | 14° 8'15  | 2°Y20  | 1☾ 0   | 13°31 | 21°19 | 3°35  | 8°39  | 23°30  | 10° 1  | 23° 1  | 3♄ 0  | 1°22  | 10°54 | n.a. |   |   |   |   |   |   |   |  |
| S 4  | 17 4 51  | 15° 6'17  | 16°12  | 2°38   | 14°44 | 21°57 | 3°32  | 8°44  | 23°28  | 10° 0  | 23° 0  | 3° 2  | 1°19  | 11° 1 | n.a. |   |   |   |   |   |   |   |  |
| S 5  | 17 8 47  | 16° 4'22  | 0♄29   | 4°15   | 15°57 | 22°35 | 3°29  | 8°49  | 23°27  | 9°59   | 22°59  | 3°R 2 | 1°15  | 11° 7 | n.a. |   |   |   |   |   |   |   |  |
| M 6  | 17 12 44 | 17° 2'29  | 15°11  | 5°51   | 17°10 | 23°13 | 3°26  | 8°54  | 23°25  | 9°58   | 22°58  | 3° 2  | 1°12  | 11°14 | n.a. |   |   |   |   |   |   |   |  |
| T 7  | 17 16 41 | 18° 0'37  | 0II12  | 7°25   | 18°23 | 23°51 | 3°22  | 9° 0  | 23°23  | 9°57   | 22°57  | 2°59  | 1° 9  | 11°21 | n.a. |   |   |   |   |   |   |   |  |
| W 8  | 17 20 37 | 18°58'48  | 15°25  | 8°58   | 19°36 | 24°29 | 3°19  | 9° 5  | 23°21  | 9°55   | 22°56  | 2°55  | 1° 6  | 11°28 | n.a. |   |   |   |   |   |   |   |  |
| T 9  | 17 24 34 | 19°57'01  | 0♄40   | 10°30  | 20°49 | 25° 7 | 3°15  | 9°10  | 23°19  | 9°54   | 22°55  | 2°49  | 1° 3  | 11°34 | n.a. |   |   |   |   |   |   |   |  |
| F 10 | 17 28 30 | 20°55'16  | 15°46  | 12° 1  | 22° 2 | 25°44 | 3°11  | 9°16  | 23°17  | 9°53   | 22°54  | 2°41  | 1° 0  | 11°41 | n.a. |   |   |   |   |   |   |   |  |
| S 11 | 17 32 27 | 21°53'33  | 0♃33   | 13°30  | 23°15 | 26°22 | 3° 7  | 9°21  | 23°16  | 9°52   | 22°53  | 2°34  | 0°56  | 11°48 | n.a. |   |   |   |   |   |   |   |  |
| S 12 | 17 36 23 | 22°51'52  | 14°56  | 14°58  | 24°28 | 27° 0 | 3° 2  | 9°27  | 23°14  | 9°51   | 22°52  | 2°28  | 0°53  | 11°54 | n.a. |   |   |   |   |   |   |   |  |
| M13  | 17 40 20 | 23°50'12  | 28°49  | 16°24  | 25°40 | 27°38 | 2°58  | 9°32  | 23°12  | 9°50   | 22°51  | 2°23  | 0°50  | 12° 1 | n.a. |   |   |   |   |   |   |   |  |
| T 14 | 17 44 16 | 24°48'34  | 12II14 | 17°49  | 26°53 | 28°16 | 2°53  | 9°38  | 23° 9  | 9°49   | 22°50  | 2°20  | 0°47  | 12° 8 | n.a. |   |   |   |   |   |   |   |  |
| W15  | 17 48 13 | 25°46'58  | 25°11  | 19°13  | 28° 6 | 28°54 | 2°48  | 9°43  | 23° 7  | 9°48   | 22°49  | 2°D20 | 0°44  | 12°14 | n.a. |   |   |   |   |   |   |   |  |
| T 16 | 17 52 10 | 26°45'23  | 7♄46   | 20°36  | 29°19 | 29°32 | 2°43  | 9°49  | 23° 5  | 9°47   | 22°48  | 2°20  | 0°41  | 12°21 | n.a. |   |   |   |   |   |   |   |  |
| F 17 | 17 56 6  | 27°43'51  | 20° 2  | 21°57  | 0♃31  | 0II 9 | 2°38  | 9°55  | 23° 3  | 9°46   | 22°47  | 2°21  | 0°37  | 12°28 | n.a. |   |   |   |   |   |   |   |  |
| S 18 | 18 0 3   | 28°42'20  | 2II 5  | 23°16  | 1°44  | 0°47  | 2°32  | 10° 1 | 23° 1  | 9°45   | 22°46  | 2°R22 | 0°34  | 12°34 | n.a. |   |   |   |   |   |   |   |  |
| S 19 | 18 3 59  | 29°40'51  | 13°59  | 24°34  | 2°57  | 1°25  | 2°27  | 10° 7 | 22°59  | 9°44   | 22°45  | 2°21  | 0°31  | 12°41 | n.a. |   |   |   |   |   |   |   |  |
| M20  | 18 7 56  | 0♄39'24   | 25°49  | 25°50  | 4° 9  | 2° 3  | 2°21  | 10°13 | 22°57  | 9°43   | 22°44  | 2°18  | 0°28  | 12°48 | n.a. |   |   |   |   |   |   |   |  |
| T 21 | 18 11 52 | 1°37'59   | 7♃37   | 27° 5  | 5°22  | 2°40  | 2°15  | 10°19 | 22°55  | 9°42   | 22°43  | 2°13  | 0°25  | 12°54 | n.a. |   |   |   |   |   |   |   |  |
| W22  | 18 15 49 | 2°36'37   | 19°28  | 28°18  | 6°35  | 3°18  | 2° 9  | 10°25 | 22°52  | 9°41   | 22°41  | 2° 5  | 0°21  | 13° 1 | n.a. |   |   |   |   |   |   |   |  |
| T 23 | 18 19 45 | 3°35'16   | 1♄22   | 29°29  | 7°47  | 3°56  | 2° 3  | 10°31 | 22°50  | 9°41   | 22°40  | 1°55  | 0°18  | 13° 8 | n.a. |   |   |   |   |   |   |   |  |
| F 24 | 18 23 42 | 4°33'58   | 13°22  | 0♃39   | 9° 0  | 4°34  | 1°57  | 10°37 | 22°48  | 9°40   | 22°39  | 1°43  | 0°15  | 13°14 | n.a. |   |   |   |   |   |   |   |  |
| S 25 | 18 27 39 | 5°32'41   | 25°29  | 1°46   | 10°12 | 5°11  | 1°50  | 10°43 | 22°46  | 9°39   | 22°38  | 1°31  | 0°12  | 13°21 | n.a. |   |   |   |   |   |   |   |  |
| S 26 | 18 31 35 | 6°31'27   | 7♃43   | 2°51   | 11°24 | 5°49  | 1°44  | 10°49 | 22°43  | 9°38   | 22°37  | 1°20  | 0° 9  | 13°28 | n.a. |   |   |   |   |   |   |   |  |
| M27  | 18 35 32 | 7°30'16   | 20° 7  | 3°54   | 12°37 | 6°26  | 1°37  | 10°55 | 22°41  | 9°38   | 22°36  | 1°10  | 0° 6  | 13°34 | n.a. |   |   |   |   |   |   |   |  |
| T 28 | 18 39 28 | 8°29'06   | 2X42   | 4°55   | 13°49 | 7° 4  | 1°30  | 11° 2 | 22°39  | 9°37   | 22°35  | 1° 2  | 0° 2  | 13°41 | n.a. |   |   |   |   |   |   |   |  |
| W29  | 18 43 25 | 9°28'00   | 15°29  | 5°52   | 15° 2 | 7°42  | 1°23  | 11° 8 | 22°36  | 9°36   | 22°33  | 0°57  | 29Y59 | 13°48 | n.a. |   |   |   |   |   |   |   |  |
| T 30 | 18 47 21 | 10°26'55  | 28°32  | 6°47   | 16°14 | 8°19  | 1°16  | 11°14 | 22°34  | 9°36   | 22°32  | 0°55  | 29°56 | 13°55 | n.a. |   |   |   |   |   |   |   |  |
| F 31 | 18 51 18 | 11°25'53  | 11Y54  | 7♃40   | 17♃26 | 8II57 | 1♃ 9  | 11♃21 | 22♄32  | 9♃35   | 22♄31  | 0°D54 | 29Y53 | 14♃ 1 | n.a. |   |   |   |   |   |   |   |  |

Delta T = 22h40m43s Julian Calendar 1 July 3115 BCE == Greg. Calendar 5 June 3115 BCE  
 The year -3114 astronomical counting style corresponds to year 3115 B.C.E historical counting style.

AUGUST 3115 BCE (-3114) JC

00:00 UT

| Day  | Sid.t    | ☉        | ☽       | ♀      | ♂      | ♃     | ♄     | ♅     | ♆      | ♇     | ♈      | ♉     | ♊     | ♋     | ♌    | ♍ | ♎ | ♏ | ♐ | ♑ | ♒ | ♓ |  |
|------|----------|----------|---------|--------|--------|-------|-------|-------|--------|-------|--------|-------|-------|-------|------|---|---|---|---|---|---|---|--|
| S 1  | 18 55 14 | 12♄24'54 | 25Y35   | 8♃28   | 18♃38  | 9II34 | 1°R 2 | 11♃27 | 22°R29 | 9°R35 | 22°R30 | 0°R55 | 29Y50 | 14♃ 8 | n.a. |   |   |   |   |   |   |   |  |
| S 2  | 18 59 11 | 13°23'57 | 9♄39    | 9°14   | 19°50  | 10°12 | 0♃55  | 11°34 | 22♄27  | 9♃34  | 22♄29  | 0♄54  | 29°46 | 14°15 | n.a. |   |   |   |   |   |   |   |  |
| M 3  | 19 3 8   | 14°23'03 | 24° 6   | 9°55   | 21° 3  | 10°49 | 0°47  | 11°40 | 22°24  | 9°34  | 22°28  | 0°53  | 29°43 | 14°21 | n.a. |   |   |   |   |   |   |   |  |
| T 4  | 19 7 4   | 15°22'12 | 8II51   | 10°33  | 22°15  | 11°27 | 0°40  | 11°47 | 22°22  | 9°33  | 22°26  | 0°48  | 29°40 | 14°28 | n.a. |   |   |   |   |   |   |   |  |
| W 5  | 19 11 1  | 16°21'23 | 23°51   | 11° 6  | 23°27  | 12° 4 | 0°32  | 11°53 | 22°20  | 9°33  | 22°25  | 0°41  | 29°37 | 14°35 | n.a. |   |   |   |   |   |   |   |  |
| T 6  | 19 14 57 | 17°20'36 | 8♄57    | 11°34  | 24°39  | 12°42 | 0°25  | 12° 0 | 22°17  | 9°33  | 22°24  | 0°32  | 29°34 | 14°41 | n.a. |   |   |   |   |   |   |   |  |
| F 7  | 19 18 54 | 18°19'52 | 23°59   | 11°57  | 25°51  | 13°19 | 0°17  | 12° 7 | 22°15  | 9°32  | 22°23  | 0°21  | 29°31 | 14°48 | n.a. |   |   |   |   |   |   |   |  |
| S 8  | 19 22 50 | 19°19'10 | 8♃47    | 12°14  | 27° 3  | 13°57 | 0° 9  | 12°13 | 22°12  | 9°32  | 22°22  | 0°10  | 29°27 | 14°55 | n.a. |   |   |   |   |   |   |   |  |
| S 9  | 19 26 47 | 20°18'30 | 23°14   | 12°25  | 28°15  | 14°34 | 0° 1  | 12°20 | 22°10  | 9°32  | 22°20  | 29Y59 | 29°24 | 15° 1 | n.a. |   |   |   |   |   |   |   |  |
| M10  | 19 30 44 | 21°17'52 | 7II12   | 12°R30 | 29°27  | 15°12 | 29♄53 | 12°27 | 22° 8  | 9°31  | 22°19  | 29°51 | 29°21 | 15° 8 | n.a. |   |   |   |   |   |   |   |  |
| T 11 | 19 34 40 | 22°17'16 | 20°42   | 12°28  | 0III38 | 15°49 | 29°45 | 12°33 | 22° 5  | 9°31  | 22°18  | 29°45 | 29°18 | 15°15 | n.a. |   |   |   |   |   |   |   |  |
| W12  | 19 38 37 | 23°16'42 | 3♄44    | 12°18  | 1°50   | 16°26 | 29°37 | 12°40 | 22° 3  | 9°31  | 22°17  | 29°42 | 29°15 | 15°21 | n.a. |   |   |   |   |   |   |   |  |
| T 13 | 19 42 33 | 24°16'10 | 16°21   | 12° 1  | 3° 2   | 17° 4 | 29°29 | 12°47 | 22° 0  | 9°31  | 22°16  | 29°41 | 29°12 | 15°28 | n.a. |   |   |   |   |   |   |   |  |
| F 14 | 19 46 30 | 25°15'40 | 28°37   | 11°35  | 4°14   | 17°41 | 29°21 | 12°54 | 21°58  | 9°31  | 22°14  | 29°41 | 29° 8 | 15°35 | n.a. |   |   |   |   |   |   |   |  |
| S 15 | 19 50 26 | 26°15'12 | 10III40 | 11° 2  | 5°25   | 18°18 | 29°13 | 13° 1 | 21°55  | 9°31  | 22°13  | 29°41 | 29° 5 | 15°42 | n.a. |   |   |   |   |   |   |   |  |
| S 16 | 19 54 23 | 27°14'46 | 22°33   | 10°21  | 6°37   | 18°56 | 29° 5 | 13° 7 | 21°53  | 9°31  | 22°12  | 29°39 | 29° 2 | 15°48 | n.a. |   |   |   |   |   |   |   |  |
| M17  | 19 58 19 | 28°14'22 | 4X22    | 9°32   | 7°48   | 19°33 | 28°57 | 13°14 | 21°51  | 9°D31 | 22°11  | 29°35 | 28°59 | 15°55 | n.a. |   |   |   |   |   |   |   |  |
| T 18 | 20 2 16  | 29°14'00 | 16°11   | 8°35   | 9° 0   | 20°10 | 28°49 | 13°21 | 21°48  | 9°31  | 22°10  | 29°29 | 28°56 | 16° 2 | n.a. |   |   |   |   |   |   |   |  |
| W19  | 20 6 13  | 0♃13'40  | 28° 4   | 7°33   | 10°11  | 20°47 | 28°41 | 13°28 | 21°46  | 9°31  | 22° 8  | 29°20 | 28°52 | 16° 8 | n.a. |   |   |   |   |   |   |   |  |
| T 20 | 20 10 9  | 1°13'23  | 10♄ 5   | 6°25   | 11°22  | 21°25 | 28°33 | 13°35 | 21°43  | 9°31  | 22° 7  | 29° 8 | 28°49 | 16°15 | n.a. |   |   |   |   |   |   |   |  |
| F 21 | 20 14 6  | 2°13'07  | 22°14   | 5°14   | 12°34  | 22° 2 | 28°25 | 13°42 | 21°41  | 9°31  | 22° 6  | 28°54 | 28°46 | 16°22 | n.a. |   |   |   |   |   |   |   |  |
| S 22 | 20 18 2  | 3°12'54  | 4♃33    | 4° 0   | 13°45  | 22°39 | 28°17 | 13°49 | 21°39  | 9°31  | 22° 5  | 28°40 | 28°43 | 16°28 | n.a. |   |   |   |   |   |   |   |  |
| S 23 | 20 21 59 | 4°12'42  | 17° 2   | 2°47   | 14°56  | 23°16 | 28° 9 | 13°56 | 21°36  | 9°31  | 22° 4  | 28°26 | 28°40 | 16°35 | n.a. |   |   |   |   |   |   |   |  |
| M24  | 20 25 55 | 5°12'33  | 29°42   | 1°37   | 16° 7  | 23°53 | 28° 1 | 14° 3 | 21°34  | 9°31  | 22° 2  | 28°14 | 28°37 | 16°42 | n.a. |   |   |   |   |   |   |   |  |
| T 25 | 20 29 52 | 6°12'26  | 12X33   | 0°30   | 17°18  | 24°30 | 27°53 | 14°10 | 21°32  | 9°32  | 22° 1  | 28° 5 | 28°33 | 16°48 | n.a. |   |   |   |   |   |   |   |  |
| W26  | 20 33 48 | 7°12'22  | 25°34   | 29♄30  | 18°29  | 25° 7 | 27°45 | 14°17 | 21°29  | 9°32  | 22° 0  | 27°59 | 28°30 | 16°55 | n.a. |   |   |   |   |   |   |   |  |
| T 27 | 20 37 45 | 8°12'20  | 8Y47    | 28°39  | 19°40  | 25°44 | 27°37 | 14°24 | 21°27  | 9°32  | 21°59  | 27°55 | 28°27 | 17° 2 | n.a. |   |   |   |   |   |   |   |  |
| F 28 | 20 41 42 | 9°12'20  | 22°12   | 27°56  | 20°51  | 26°21 | 27°29 | 14°31 | 21°25  | 9°33  | 21°58  | 27°54 | 28°24 | 17° 8 | n.a. |   |   |   |   |   |   |   |  |
| S 29 | 20 45 38 | 10°12'23 | 5♄52    | 27°25  | 22° 1  | 26°59 | 27°21 | 14°38 | 21°22  | 9°33  | 21°57  | 27°54 | 28°21 | 17°15 | n.a. |   |   |   |   |   |   |   |  |

SWISS EPHEMERIS for the year 3115 BCE

SEPTEMBER 3115 BCE (-3114) JC

00:00 UT

| Day  | Sid.t    | ☉        | ☽     | ♀     | ♂     | ♂     | ♂     | ♂     | ♂     | ♂     | ♂     | ♂      | ♂     | ♂     | ♂    |
|------|----------|----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|-------|------|
| T 1  | 20 57 28 | 13♌12'45 | 18♐24 | 26♍57 | 25♎33 | 28♏50 | 26♑59 | 14♒59 | 21♓16 | 9♔34  | 21♕53 | 27♖49  | 28♗11 | 17♘35 | n.a. |
| W 2  | 21 1 24  | 14°12'58 | 3♑ 1  | 27°10 | 26°43 | 29°26 | 26♒51 | 15° 6 | 21♓14 | 9°35  | 21♕52 | 27♖42  | 28° 8 | 17°42 | n.a. |
| T 3  | 21 5 21  | 15°13'12 | 17°44 | 27°33 | 27°54 | 0♓ 3  | 26°44 | 15°13 | 21°11 | 9°36  | 21°51 | 27°33  | 28° 5 | 17°49 | n.a. |
| F 4  | 21 9 17  | 16°13'29 | 2♑26  | 28° 7 | 29° 4 | 0°40  | 26°37 | 15°20 | 21° 9 | 9°36  | 21°50 | 27°22  | 28° 2 | 17°55 | n.a. |
| S 5  | 21 13 14 | 17°13'48 | 16°58 | 28°49 | 0♓14  | 1°17  | 26°30 | 15°27 | 21° 7 | 9°37  | 21°49 | 27°10  | 27°58 | 18° 2 | n.a. |
| S 6  | 21 17 11 | 18°14'09 | 1♎14  | 29°39 | 1°24  | 1°54  | 26°23 | 15°34 | 21° 5 | 9°37  | 21°48 | 27° 0  | 27°55 | 18° 9 | n.a. |
| M 7  | 21 21 7  | 19°14'32 | 15° 8 | 0♌36  | 2°34  | 2°31  | 26°16 | 15°41 | 21° 3 | 9°38  | 21°47 | 26°51  | 27°52 | 18°15 | n.a. |
| T 8  | 21 25 4  | 20°14'56 | 28°37 | 1°39  | 3°44  | 3° 8  | 26° 9 | 15°49 | 21° 1 | 9°39  | 21°46 | 26°46  | 27°49 | 18°22 | n.a. |
| W 9  | 21 29 0  | 21°15'22 | 11♌40 | 2°48  | 4°54  | 3°45  | 26° 2 | 15°56 | 20°59 | 9°40  | 21°45 | 26°42  | 27°46 | 18°29 | n.a. |
| T 10 | 21 32 57 | 22°15'50 | 24°20 | 4° 2  | 6° 4  | 4°21  | 25°56 | 16° 3 | 20°57 | 9°40  | 21°44 | 26°D41 | 27°43 | 18°35 | n.a. |
| F 11 | 21 36 53 | 23°16'19 | 6♏39  | 5°20  | 7°13  | 4°58  | 25°50 | 16°10 | 20°55 | 9°41  | 21°43 | 26°41  | 27°39 | 18°42 | n.a. |
| S 12 | 21 40 50 | 24°16'51 | 18°44 | 6°41  | 8°23  | 5°35  | 25°43 | 16°17 | 20°53 | 9°42  | 21°42 | 26°R42 | 27°36 | 18°49 | n.a. |
| S 13 | 21 44 46 | 25°17'23 | 0♓38  | 8° 6  | 9°32  | 6°11  | 25°37 | 16°24 | 20°51 | 9°43  | 21°41 | 26°42  | 27°33 | 18°56 | n.a. |
| M 14 | 21 48 43 | 26°17'58 | 12°28 | 9°32  | 10°42 | 6°48  | 25°31 | 16°31 | 20°49 | 9°44  | 21°40 | 26°40  | 27°30 | 19° 2 | n.a. |
| T 15 | 21 52 40 | 27°18'34 | 24°19 | 11° 1 | 11°51 | 7°25  | 25°26 | 16°38 | 20°48 | 9°45  | 21°39 | 26°36  | 27°27 | 19° 9 | n.a. |
| W 16 | 21 56 36 | 28°19'11 | 6♒15  | 12°32 | 13° 0 | 8° 1  | 25°20 | 16°45 | 20°46 | 9°46  | 21°38 | 26°30  | 27°24 | 19°16 | n.a. |
| T 17 | 22 0 33  | 29°19'50 | 18°20 | 14° 4 | 14° 9 | 8°38  | 25°14 | 16°51 | 20°44 | 9°47  | 21°37 | 26°22  | 27°20 | 19°22 | n.a. |
| F 18 | 22 4 29  | 0♎20'30  | 0♓37  | 15°37 | 15°17 | 9°14  | 25° 9 | 16°58 | 20°42 | 9°48  | 21°36 | 26°12  | 27°17 | 19°29 | n.a. |
| S 19 | 22 8 26  | 1°21'12  | 13° 8 | 17°10 | 16°26 | 9°51  | 25° 4 | 17° 5 | 20°41 | 9°49  | 21°35 | 26° 1  | 27°14 | 19°36 | n.a. |
| S 20 | 22 12 22 | 2°21'56  | 25°54 | 18°45 | 17°35 | 10°27 | 24°59 | 17°12 | 20°39 | 9°50  | 21°34 | 25°51  | 27°11 | 19°42 | n.a. |
| M 21 | 22 16 19 | 3°22'41  | 8♓53  | 20°20 | 18°43 | 11° 4 | 24°54 | 17°19 | 20°37 | 9°51  | 21°33 | 25°42  | 27° 8 | 19°49 | n.a. |
| T 22 | 22 20 15 | 4°23'27  | 22° 6 | 21°55 | 19°51 | 11°40 | 24°50 | 17°26 | 20°36 | 9°52  | 21°33 | 25°35  | 27° 4 | 19°56 | n.a. |
| W 23 | 22 24 12 | 5°24'16  | 5♓30  | 23°31 | 20°59 | 12°17 | 24°45 | 17°33 | 20°34 | 9°54  | 21°32 | 25°31  | 27° 1 | 20° 3 | n.a. |
| T 24 | 22 28 9  | 6°25'06  | 19° 4 | 25° 7 | 22° 7 | 12°53 | 24°41 | 17°40 | 20°33 | 9°55  | 21°31 | 25°D29 | 26°58 | 20° 9 | n.a. |
| F 25 | 22 32 5  | 7°25'57  | 2♒47  | 26°43 | 23°15 | 13°29 | 24°37 | 17°46 | 20°31 | 9°56  | 21°30 | 25°29  | 26°55 | 20°16 | n.a. |
| S 26 | 22 36 2  | 8°26'51  | 16°39 | 28°19 | 24°22 | 14° 6 | 24°33 | 17°53 | 20°30 | 9°57  | 21°29 | 25°30  | 26°52 | 20°23 | n.a. |
| S 27 | 22 39 58 | 9°27'46  | 0♐38  | 29°55 | 25°30 | 14°42 | 24°29 | 18° 0 | 20°29 | 9°59  | 21°29 | 25°31  | 26°49 | 20°29 | n.a. |
| M 28 | 22 43 55 | 10°28'43 | 14°44 | 1♎31  | 26°37 | 15°18 | 24°26 | 18° 7 | 20°27 | 10° 0 | 21°28 | 25°R32 | 26°45 | 20°36 | n.a. |
| T 29 | 22 47 51 | 11°29'42 | 28°55 | 3° 6  | 27°44 | 15°54 | 24°23 | 18°13 | 20°26 | 10° 1 | 21°27 | 25°30  | 26°42 | 20°43 | n.a. |
| W 30 | 22 51 48 | 12♎30'42 | 13♍10 | 4♎42  | 28♌51 | 16♍31 | 24♒19 | 18♑20 | 20♓25 | 10♔ 3 | 21♕27 | 25♖27  | 26♗39 | 20♘49 | n.a. |

Delta T = 22h40m37s Julian Calendar 1 Sept. 3115 BCE == Greg. Calendar 6 Aug. 3115 BCE  
 The year -3114 astronomical counting style corresponds to year 3115 B.C.E historical counting style.

OCTOBER 3115 BCE (-3114) JC

00:00 UT

| Day  | Sid.t    | ☉        | ☽     | ♀     | ♂     | ♂     | ♂      | ♂     | ♂      | ♂     | ♂      | ♂      | ♂      | ♂     | ♂    |
|------|----------|----------|-------|-------|-------|-------|--------|-------|--------|-------|--------|--------|--------|-------|------|
| T 1  | 22 55 44 | 13♎31'44 | 27♍26 | 6♎18  | 29♌58 | 17♍ 7 | 24°R17 | 18♑27 | 20°R24 | 10♒ 4 | 21°R26 | 25°R22 | 26°V36 | 20♗56 | n.a. |
| F 2  | 22 59 41 | 14°32'47 | 11♏39 | 7°53  | 1♏ 4  | 17°43 | 24♒14  | 18°33 | 20♓22  | 10° 6 | 21♕25  | 25°V15 | 26°33  | 21° 3 | n.a. |
| S 3  | 23 3 38  | 15°33'52 | 25°44 | 9°29  | 2°11  | 18°19 | 24°11  | 18°40 | 20°21  | 10° 7 | 21°25  | 25° 8  | 26°30  | 21°10 | n.a. |
| S 4  | 23 7 34  | 16°34'58 | 9♎37  | 11° 4 | 3°17  | 18°55 | 24° 9  | 18°46 | 20°20  | 10° 9 | 21°24  | 25° 2  | 26°26  | 21°16 | n.a. |
| M 5  | 23 11 31 | 17°36'05 | 23°13 | 12°39 | 4°23  | 19°31 | 24° 7  | 18°53 | 20°19  | 10°10 | 21°23  | 24°57  | 26°23  | 21°23 | n.a. |
| T 6  | 23 15 27 | 18°37'14 | 6♌30  | 14°14 | 5°28  | 20° 7 | 24° 5  | 18°59 | 20°18  | 10°12 | 21°23  | 24°53  | 26°20  | 21°30 | n.a. |
| W 7  | 23 19 24 | 19°38'23 | 19°26 | 15°49 | 6°34  | 20°43 | 24° 3  | 19° 6 | 20°17  | 10°13 | 21°22  | 24°D52 | 26°17  | 21°36 | n.a. |
| T 8  | 23 23 20 | 20°39'33 | 2♏ 3  | 17°24 | 7°39  | 21°19 | 24° 2  | 19°12 | 20°16  | 10°15 | 21°22  | 24°52  | 26°14  | 21°43 | n.a. |
| F 9  | 23 27 17 | 21°40'44 | 14°23 | 18°59 | 8°44  | 21°55 | 24° 1  | 19°18 | 20°16  | 10°17 | 21°21  | 24°53  | 26°10  | 21°50 | n.a. |
| S 10 | 23 31 13 | 22°41'56 | 26°29 | 20°34 | 9°49  | 22°31 | 23°59  | 19°25 | 20°15  | 10°18 | 21°21  | 24°55  | 26° 7  | 21°56 | n.a. |
| S 11 | 23 35 10 | 23°43'09 | 8♓25  | 22° 8 | 10°53 | 23° 6 | 23°59  | 19°31 | 20°14  | 10°20 | 21°20  | 24°56  | 26° 4  | 22° 3 | n.a. |
| M 12 | 23 39 6  | 24°44'22 | 23°43 | 23°43 | 11°58 | 23°42 | 23°58  | 19°37 | 20°14  | 10°22 | 21°20  | 24°R57 | 26° 1  | 22°10 | n.a. |
| T 13 | 23 43 3  | 25°45'36 | 2♒ 8  | 25°17 | 13° 1 | 24°18 | 23°58  | 19°43 | 20°13  | 10°23 | 21°19  | 24°57  | 25°58  | 22°17 | n.a. |
| W 14 | 23 47 0  | 26°46'51 | 14° 5 | 26°52 | 14° 5 | 24°53 | 23°57  | 19°49 | 20°12  | 10°25 | 21°19  | 24°56  | 25°55  | 22°23 | n.a. |
| T 15 | 23 50 56 | 27°48'06 | 26°11 | 28°26 | 15° 8 | 25°29 | 23°D57 | 19°55 | 20°12  | 10°27 | 21°19  | 24°53  | 25°51  | 22°30 | n.a. |
| F 16 | 23 54 53 | 28°49'21 | 8♓31  | 0♓ 1  | 16°11 | 26° 4 | 23°57  | 20° 1 | 20°11  | 10°29 | 21°18  | 24°50  | 25°48  | 22°37 | n.a. |
| S 17 | 23 58 49 | 29°50'37 | 21° 8 | 1°35  | 17°14 | 26°40 | 23°58  | 20° 7 | 20°11  | 10°31 | 21°18  | 24°45  | 25°45  | 22°43 | n.a. |
| S 18 | 0 2 46   | 0♓51'53  | 4♓ 3  | 3°10  | 18°16 | 27°15 | 23°58  | 20°13 | 20°11  | 10°32 | 21°18  | 24°41  | 25°42  | 22°50 | n.a. |
| M 19 | 0 6 42   | 1°53'10  | 17°19 | 4°45  | 19°18 | 27°51 | 23°59  | 20°19 | 20°10  | 10°34 | 21°17  | 24°38  | 25°39  | 22°57 | n.a. |
| T 20 | 0 10 39  | 2°54'27  | 0♕52  | 6°19  | 20°20 | 28°26 | 24° 0  | 20°25 | 20°10  | 10°36 | 21°17  | 24°35  | 25°35  | 23° 3 | n.a. |
| W 21 | 0 14 35  | 3°55'45  | 14°42 | 7°54  | 21°21 | 29° 1 | 24° 2  | 20°31 | 20°10  | 10°38 | 21°17  | 24°34  | 25°32  | 23°10 | n.a. |
| T 22 | 0 18 32  | 4°57'04  | 28°44 | 9°29  | 22°22 | 29°37 | 24° 3  | 20°36 | 20°10  | 10°40 | 21°17  | 24°D33 | 25°29  | 23°17 | n.a. |
| F 23 | 0 22 29  | 5°58'23  | 12♒56 | 11° 4 | 23°22 | 0♑12  | 24° 5  | 20°42 | 20° 9  | 10°42 | 21°16  | 24°34  | 25°26  | 23°24 | n.a. |
| S 24 | 0 26 25  | 6°59'42  | 27°12 | 12°39 | 24°22 | 0°47  | 24° 6  | 20°48 | 20° 9  | 10°44 | 21°16  | 24°35  | 25°23  | 23°30 | n.a. |
| S 25 | 0 30 22  | 8° 1'03  | 11♐29 | 14°14 | 25°21 | 1°22  | 24° 8  | 20°53 | 20°D 9 | 10°46 | 21°16  | 24°37  | 25°20  | 23°37 | n.a. |
| M 26 | 0 34 18  | 9° 2'24  | 25°45 | 15°50 | 26°21 | 1°57  | 24°11  | 20°59 | 20° 9  | 10°48 | 21°16  | 24°38  | 25°16  | 23°44 | n.a. |
| T 27 | 0 38 15  | 10° 3'46 | 9♍56  | 17°25 | 27°19 | 2°32  | 24°13  | 21° 4 | 20°10  | 10°50 | 21°16  | 24°R38 | 25°13  | 23°50 | n.a. |
| W 28 | 0 42 11  | 11° 5'08 | 24° 1 | 19° 1 | 28°17 | 3° 7  | 24°16  | 21°10 | 20°10  | 10°52 | 21°16  | 24°38  | 25°10  | 23°57 | n.a. |
| T 29 | 0 46 8   | 12° 6'31 | 7♏58  | 20°37 | 29°15 | 3°42  | 24°19  | 21°15 | 20°10  | 10°54 | 21°16  | 24°37  | 25° 7  | 24° 4 | n.a. |
| F 30 | 0 50 4   | 13° 7'54 | 21°45 | 22°12 | 0♓12  | 4°17  | 24°22  | 21°20 | 20°10  | 10°56 | 21°16  | 24°35  | 25° 4  | 24°10 | n.a. |
| S 31 | 0 54 1   | 14♌ 9'17 | 5♎21  | 23♌48 | 1♓ 8  | 4♑52  | 24♒25  | 21♑25 | 20♓10  | 10♔58 | 21°D16 | 24°V34 | 25°V 1 | 24♗17 | n.a. |

Delta T = 22h40m34s Julian Calendar created from Swiss Ephemeris, Copyright Astrodiens AG [6.2.2007]

SWISS EPHEMERIS for the year 3115 BCE

NOVEMBER 3115 BCE (-3114) JC

00:00 UT

| Day  | Sid.t   | ☉                      | ☽                    | ♀                   | ♂                    | ♃                    | ♄                   | ♅                    | ♆                   | ♇                  | ♁                   | ♂                    | ♁                    | ♃                    | ♄    |
|------|---------|------------------------|----------------------|---------------------|----------------------|----------------------|---------------------|----------------------|---------------------|--------------------|---------------------|----------------------|----------------------|----------------------|------|
| S 1  | 0 57 58 | 15 <sup>h</sup> 10'41" | 18 <sup>m</sup> 45"  | 25 <sup>h</sup> 24' | 2 <sup>h</sup> 4'    | 5 <sup>h</sup> 26'   | 24 <sup>h</sup> 28' | 21 <sup>h</sup> 30'  | 20 <sup>h</sup> 31' | 11 <sup>h</sup> 0' | 21 <sup>h</sup> 16' | 24 <sup>h</sup> R33  | 24 <sup>h</sup> Y57  | 24 <sup>h</sup> X24  | n.a. |
| M 2  | 1 1 54  | 16 <sup>h</sup> 12'04" | 1 <sup>h</sup> 55'   | 27° 1               | 3° 0                 | 6° 1                 | 24°32'              | 21°35'               | 20°11'              | 11° 2              | 21°16'              | 24 <sup>h</sup> Y32  | 24°54'               | 24°31'               | n.a. |
| T 3  | 1 5 51  | 17 <sup>h</sup> 13'28" | 14°51'               | 28°37'              | 3°54'                | 6°36'                | 24°36'              | 21°40'               | 20°12'              | 11° 4              | 21°16'              | 24°31'               | 24°51'               | 24°37'               | n.a. |
| W 4  | 1 9 47  | 18 <sup>h</sup> 14'52" | 27°33'               | 0 <sup>h</sup> 13'  | 4°48'                | 7°10'                | 24°40'              | 21°45'               | 20°12'              | 11° 6              | 21°16'              | 24 <sup>h</sup> D31  | 24°48'               | 24°44'               | n.a. |
| T 5  | 1 13 44 | 19 <sup>h</sup> 16'16" | 10 <sup>h</sup> 1'   | 1°48'               | 5°42'                | 7°45'                | 24°44'              | 21°50'               | 20°13'              | 11° 9              | 21°16'              | 24°31'               | 24°45'               | 24°51'               | n.a. |
| F 6  | 1 17 40 | 20 <sup>h</sup> 17'39" | 22°15'               | 3°24'               | 6°35'                | 8°19'                | 24°48'              | 21°55'               | 20°13'              | 11°11              | 21°16'              | 24°32'               | 24°41'               | 24°57'               | n.a. |
| S 7  | 1 21 37 | 21°19'03"              | 4 <sup>h</sup> 19'   | 4°59'               | 7°27'                | 8°53'                | 24°53'              | 21°59'               | 20°14'              | 11°13              | 21°16'              | 24°32'               | 24°38'               | 25° 4                | n.a. |
| S 8  | 1 25 33 | 22°20'25"              | 16°15'               | 6°34'               | 8°18'                | 9°27'                | 24°58'              | 22° 4                | 20°15'              | 11°15              | 21°16'              | 24°32'               | 24°35'               | 25°11'               | n.a. |
| M 9  | 1 29 30 | 23°21'48"              | 28° 7                | 8° 9                | 9° 8                 | 10° 2                | 25° 3               | 22° 9                | 20°15'              | 11°17              | 21°17'              | 24°33'               | 24°32'               | 25°18'               | n.a. |
| T 10 | 1 33 27 | 24°23'10"              | 9 <sup>h</sup> 58'   | 9°42'               | 9°58'                | 10°36'               | 25° 8               | 22°13'               | 20°16'              | 11°19              | 21°17'              | 24 <sup>h</sup> R33  | 24°29'               | 25°24'               | n.a. |
| W11  | 1 37 23 | 25°24'31"              | 21°53'               | 11°15'              | 10°47'               | 11°10'               | 25°13'              | 22°17'               | 20°17'              | 11°22              | 21°17'              | 24 <sup>h</sup> D33  | 24°26'               | 25°31'               | n.a. |
| T 12 | 1 41 20 | 26°25'52"              | 3 <sup>h</sup> 57'   | 12°46'              | 11°35'               | 11°44'               | 25°19'              | 22°22'               | 20°18'              | 11°24              | 21°17'              | 24°33'               | 24°22'               | 25°38'               | n.a. |
| F 13 | 1 45 16 | 27°27'12"              | 16°14'               | 14°16'              | 12°22'               | 12°17'               | 25°24'              | 22°26'               | 20°19'              | 11°26              | 21°18'              | 24°33'               | 24°19'               | 25°44'               | n.a. |
| S 14 | 1 49 13 | 28°28'31"              | 28°49'               | 15°44'              | 13° 8                | 12°51'               | 25°30'              | 22°30'               | 20°20'              | 11°28              | 21°18'              | 24°33'               | 24°16'               | 25°51'               | n.a. |
| S 15 | 1 53 9  | 29°29'49"              | 11 <sup>h</sup> 46'  | 17°11'              | 13°52'               | 13°25'               | 25°36'              | 22°34'               | 20°21'              | 11°31              | 21°18'              | 24°34'               | 24°13'               | 25°58'               | n.a. |
| M16  | 1 57 6  | 0 <sup>h</sup> 31'07"  | 25° 6                | 18°34'              | 14°36'               | 13°58'               | 25°42'              | 22°38'               | 20°22'              | 11°33              | 21°19'              | 24°34'               | 24°10'               | 26° 4                | n.a. |
| T 17 | 2 1 2   | 1°32'23"               | 8 <sup>h</sup> Y50'  | 19°54'              | 15°19'               | 14°32'               | 25°49'              | 22°42'               | 20°23'              | 11°35              | 21°19'              | 24°35'               | 24° 6                | 26°11'               | n.a. |
| W18  | 2 4 59  | 2°33'39"               | 22°57'               | 21°11'              | 16° 1                | 15° 5                | 25°55'              | 22°46'               | 20°25'              | 11°37              | 21°20'              | 24 <sup>h</sup> R35  | 24° 3                | 26°18'               | n.a. |
| T 19 | 2 8 56  | 3°34'55"               | 7 <sup>h</sup> 24'   | 22°23'              | 16°41'               | 15°39'               | 26° 2               | 22°50'               | 20°26'              | 11°40              | 21°20'              | 24°35'               | 24° 0                | 26°25'               | n.a. |
| F 20 | 2 12 52 | 4°36'09"               | 22° 4                | 23°31'              | 17°21'               | 16°12'               | 26° 9               | 22°53'               | 20°27'              | 11°42              | 21°21'              | 24°34'               | 23°57'               | 26°31'               | n.a. |
| S 21 | 2 16 49 | 5°37'23"               | 6 <sup>h</sup> II50' | 24°32'              | 17°58'               | 16°45'               | 26°16'              | 22°57'               | 20°29'              | 11°44              | 21°21'              | 24°33'               | 23°54'               | 26°38'               | n.a. |
| S 22 | 2 20 45 | 6°38'37"               | 21°36'               | 25°27'              | 18°35'               | 17°18'               | 26°23'              | 23° 0                | 20°30'              | 11°46              | 21°22'              | 24°31'               | 23°51'               | 26°45'               | n.a. |
| M23  | 2 24 42 | 7°39'50"               | 6 <sup>h</sup> 21'   | 26°15'              | 19°10'               | 17°51'               | 26°30'              | 23° 4                | 20°32'              | 11°49              | 21°22'              | 24°30'               | 23°47'               | 26°51'               | n.a. |
| T 24 | 2 28 38 | 8°41'02"               | 20°40'               | 26°54'              | 19°44'               | 18°24'               | 26°38'              | 23° 7                | 20°33'              | 11°51              | 21°23'              | 24°29'               | 23°44'               | 26°58'               | n.a. |
| W25  | 2 32 35 | 9°42'14"               | 4 <sup>h</sup> Q49'  | 27°24'              | 20°16'               | 18°57'               | 26°46'              | 23°10'               | 20°35'              | 11°53              | 21°23'              | 24 <sup>h</sup> D28  | 23°41'               | 27° 5                | n.a. |
| T 26 | 2 36 31 | 10°43'25"              | 18°41'               | 27°44'              | 20°47'               | 19°30'               | 26°53'              | 23°13'               | 20°36'              | 11°55              | 21°24'              | 24°28'               | 23°38'               | 27°12'               | n.a. |
| F 27 | 2 40 28 | 11°44'35"              | 2 <sup>h</sup> 14'   | 27°R54'             | 21°16'               | 20° 2                | 27° 1               | 23°16'               | 20°38'              | 11°58              | 21°25'              | 24°29'               | 23°35'               | 27°18'               | n.a. |
| S 28 | 2 44 25 | 12°45'45"              | 15°30'               | 27°52'              | 21°43'               | 20°35'               | 27° 9               | 23°19'               | 20°40'              | 12° 0              | 21°25'              | 24°30'               | 23°32'               | 27°25'               | n.a. |
| S 29 | 2 48 21 | 13°46'53"              | 28°30'               | 27°38'              | 22° 9                | 21° 7                | 27°18'              | 23°22'               | 20°41'              | 12° 2              | 21°26'              | 24°32'               | 23°28'               | 27°32'               | n.a. |
| M30  | 2 52 18 | 14 <sup>h</sup> 48'01" | 11 <sup>h</sup> 17'  | 27 <sup>h</sup> 13' | 22 <sup>h</sup> X33' | 21 <sup>h</sup> Q39' | 27 <sup>h</sup> 26' | 23 <sup>h</sup> Q25' | 20 <sup>h</sup> 43' | 12 <sup>h</sup> 5  | 21 <sup>h</sup> 27' | 24 <sup>h</sup> Y33' | 23 <sup>h</sup> Y25' | 27 <sup>h</sup> X38' | n.a. |

Delta T = 22h40m32s Julian Calendar 1 Nov. 3115 BCE == Greg. Calendar 6 Oct. 3115 BCE  
 The year -3114 astronomical counting style corresponds to year 3115 B.C.E historical counting style.

DECEMBER 3115 BCE (-3114) JC

00:00 UT

| Day  | Sid.t   | ☉                       | ☽                      | ♀                      | ♂                    | ♃                     | ♄                    | ♅                    | ♆                   | ♇                  | ♁                   | ♂                    | ♁                    | ♃                    | ♄    |
|------|---------|-------------------------|------------------------|------------------------|----------------------|-----------------------|----------------------|----------------------|---------------------|--------------------|---------------------|----------------------|----------------------|----------------------|------|
| T 1  | 2 56 14 | 15 <sup>h</sup> 14'08"  | 23 <sup>h</sup> 25'    | 26°R37'                | 22 <sup>h</sup> X55' | 22 <sup>h</sup> Q11'  | 27 <sup>h</sup> 334' | 23 <sup>h</sup> Q27' | 20 <sup>h</sup> 45' | 12 <sup>h</sup> 7  | 21 <sup>h</sup> 27' | 24 <sup>h</sup> R33  | 23 <sup>h</sup> Y22  | 27 <sup>h</sup> X45' | n.a. |
| W 2  | 3 0 11  | 16°50'13"               | 6 <sup>h</sup> 15'     | 25 <sup>h</sup> 15'    | 23°15'               | 22°43'                | 27°43'               | 23°30'               | 20°47'              | 12° 9              | 21°28'              | 24 <sup>h</sup> Y33  | 23°19'               | 27°52'               | n.a. |
| T 3  | 3 4 7   | 17°51'18"               | 18°29'                 | 24°55'                 | 23°33'               | 23°15'                | 27°52'               | 23°32'               | 20°49'              | 12°11              | 21°29'              | 24°31'               | 23°16'               | 27°59'               | n.a. |
| F 4  | 3 8 4   | 18°52'21"               | 0 <sup>h</sup> X35'    | 23°52'                 | 23°49'               | 23°47'                | 28° 1                | 23°35'               | 20°51'              | 12°14              | 21°30'              | 24°28'               | 23°12'               | 28° 5                | n.a. |
| S 5  | 3 12 0  | 19°53'24"               | 12°34'                 | 22°42'                 | 24° 3                | 24°19'                | 28°10'               | 23°37'               | 20°53'              | 12°16              | 21°30'              | 24°24'               | 23° 9                | 28°12'               | n.a. |
| S 6  | 3 15 57 | 20°54'24"               | 24°28'                 | 21°29'                 | 24°15'               | 24°50'                | 28°19'               | 23°39'               | 20°55'              | 12°18              | 21°31'              | 24°19'               | 23° 6                | 28°19'               | n.a. |
| M 7  | 3 19 54 | 21°55'23"               | 6 <sup>h</sup> 31'     | 20°15'                 | 24°24'               | 25°22'                | 28°28'               | 23°41'               | 20°57'              | 12°20              | 21°32'              | 24°14'               | 23° 3                | 28°25'               | n.a. |
| T 8  | 3 23 50 | 22°56'21"               | 18°10'                 | 19° 1                  | 24°31'               | 25°53'                | 28°38'               | 23°43'               | 20°59'              | 12°23              | 21°33'              | 24°10'               | 23° 0                | 28°32'               | n.a. |
| W 9  | 3 27 47 | 23°57'17"               | 0 <sup>h</sup> 8 4     | 17°49'                 | 24°36'               | 26°24'                | 28°48'               | 23°45'               | 21° 1               | 12°25              | 21°34'              | 24° 6                | 22°57'               | 28°39'               | n.a. |
| T 10 | 3 31 43 | 24°58'11"               | 12° 6                  | 16°43'                 | 24°R38'              | 26°55'                | 28°57'               | 23°47'               | 21° 3               | 12°27              | 21°35'              | 24° 3                | 22°53'               | 28°46'               | n.a. |
| F 11 | 3 35 40 | 25°59'04"               | 24°19'                 | 15°42'                 | 24°38'               | 27°26'                | 29° 7                | 23°49'               | 21° 6               | 12°29              | 21°36'              | 24 <sup>h</sup> D 3  | 22°50'               | 28°52'               | n.a. |
| S 12 | 3 39 36 | 26°59'55"               | 6 <sup>h</sup> X48'    | 14°48'                 | 24°35'               | 27°57'                | 29°17'               | 23°50'               | 21° 8               | 12°32              | 21°37'              | 24° 3                | 22°47'               | 28°59'               | n.a. |
| S 13 | 3 43 33 | 28° 0'44"               | 19°38'                 | 14° 1                  | 24°30'               | 28°27'                | 29°27'               | 23°52'               | 21°10'              | 12°34              | 21°38'              | 24° 4                | 22°44'               | 29° 6                | n.a. |
| M14  | 3 47 29 | 29° 1'30"               | 2 <sup>h</sup> Y52'    | 13°23'                 | 24°22'               | 28°58'                | 29°37'               | 23°53'               | 21°13'              | 12°36              | 21°38'              | 24° 6                | 22°41'               | 29°12'               | n.a. |
| T 15 | 3 51 26 | 0 <sup>h</sup> X 2'16"  | 16°34'                 | 12°53'                 | 24°11'               | 29°28'                | 29°48'               | 23°55'               | 21°15'              | 12°38              | 21°39'              | 24° 7                | 22°38'               | 29°19'               | n.a. |
| W16  | 3 55 23 | 1° 2'59"                | 0 <sup>h</sup> 44'     | 12°31'                 | 23°58'               | 29°58'                | 29°58'               | 23°56'               | 21°17'              | 12°40              | 21°40'              | 24 <sup>h</sup> R 7  | 22°34'               | 29°26'               | n.a. |
| T 17 | 3 59 19 | 2° 3'40"                | 15°19'                 | 12°18'                 | 23°43'               | 0 <sup>h</sup> 17'28" | 0 <sup>h</sup> 8 9   | 23°57'               | 21°20'              | 12°43              | 21°42'              | 24° 6                | 22°31'               | 29°32'               | n.a. |
| F 18 | 4 3 16  | 3° 4'20"                | 0 <sup>h</sup> II16'   | 12°D12'                | 23°24'               | 0°58'                 | 0°19'                | 23°58'               | 21°22'              | 12°45              | 21°43'              | 24° 2                | 22°28'               | 29°39'               | n.a. |
| S 19 | 4 7 12  | 4° 4'58"                | 15°25'                 | 12°13'                 | 23° 4                | 1°27'                 | 0°30'                | 23°59'               | 21°25'              | 12°47              | 21°44'              | 23°57'               | 22°25'               | 29°46'               | n.a. |
| S 20 | 4 11 9  | 5° 5'35"                | 0 <sup>h</sup> 26'     | 12°22'                 | 22°41'               | 1°57'                 | 0°41'                | 23°59'               | 21°27'              | 12°49              | 21°45'              | 23°51'               | 22°22'               | 29°53'               | n.a. |
| M21  | 4 15 5  | 6° 6'10"                | 15°40'                 | 12°37'                 | 22°16'               | 2°26'                 | 0°52'                | 24° 0                | 21°30'              | 12°51              | 21°46'              | 23°44'               | 22°18'               | 29°59'               | n.a. |
| T 22 | 4 19 2  | 7° 6'43"                | 0 <sup>h</sup> Q27'    | 12°58'                 | 21°49'               | 2°55'                 | 1° 3                 | 24° 1                | 21°33'              | 12°53              | 21°47'              | 23°38'               | 22°15'               | 0 <sup>h</sup> 3 6   | n.a. |
| W23  | 4 22 58 | 8° 7'15"                | 14°52'                 | 13°24'                 | 21°20'               | 3°24'                 | 1°14'                | 24° 1                | 21°35'              | 12°55              | 21°48'              | 23°34'               | 22°12'               | 0°13                 | n.a. |
| T 24 | 4 26 55 | 9° 7'45"                | 28°51'                 | 13°56'                 | 20°49'               | 3°53'                 | 1°25'                | 24° 2                | 21°38'              | 12°58              | 21°49'              | 23°32'               | 22° 9                | 0°20                 | n.a. |
| F 25 | 4 30 52 | 10° 8'14"               | 12 <sup>h</sup> 17'24" | 14°32'                 | 20°16'               | 4°22'                 | 1°36'                | 24° 2                | 21°41'              | 13° 0              | 21°50'              | 23 <sup>h</sup> D31  | 22° 6                | 0°26                 | n.a. |
| S 26 | 4 34 48 | 11° 8'40"               | 25°33'                 | 15°13'                 | 19°42'               | 4°50'                 | 1°48'                | 24° 2                | 21°44'              | 13° 2              | 21°52'              | 23°32'               | 22° 3                | 0°33                 | n.a. |
| S 27 | 4 38 45 | 12° 9'06"               | 8 <sup>h</sup> 22'     | 15°58'                 | 19° 7                | 5°18'                 | 1°59'                | 24 <sup>h</sup> R 2  | 21°46'              | 13° 4              | 21°53'              | 23°33'               | 21°59'               | 0°40                 | n.a. |
| M28  | 4 42 41 | 13° 9'29"               | 20°55'                 | 16°46'                 | 18°30'               | 5°46'                 | 2°11'                | 24° 2                | 21°49'              | 13° 6              | 21°54'              | 23 <sup>h</sup> R34  | 21°56'               | 0°46                 | n.a. |
| T 29 | 4 46 38 | 14° 9'51"               | 3 <sup>h</sup> 11'13"  | 17°38'                 | 17°53'               | 6°14'                 | 2°23'                | 24° 2                | 21°52'              | 13° 8              | 21°55'              | 23°34'               | 21°53'               | 0°53                 | n.a. |
| W30  | 4 50 34 | 15°10'11"               | 15°23'                 | 18°33'                 | 17°16'               | 6°42'                 | 2°34'                | 24° 2                | 21°55'              | 13°10              | 21°56'              | 23°31'               | 21°50'               | 1° 0                 | n.a. |
| T 31 | 4 54 31 | 16 <sup>h</sup> X10'29" | 27 <sup>h</sup> 11'24" | 19 <sup>h</sup> 11'31" | 16 <sup>h</sup> X38' | 7 <sup>h</sup> 17'9"  | 2 <sup>h</sup> 46'   | 24 <sup>h</sup> Q 1  | 21 <sup>h</sup> 58' | 13 <sup>h</sup> 12 | 21 <sup>h</sup> 58' | 23 <sup>h</sup> Y26' | 21 <sup>h</sup> Y47' | 1 <sup>h</sup> 3 7   | n.a. |

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