

SWISS EPHEMERIS for the year 1096

JANUARY 1096 JC

00:00 UT

| Day | Sid.t | ☉ | ☽ | ♀ | ♁ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ♈ | ♉ | ♊ | ♋ | ♌ | ♍ | ♎ | ♏ | ♐ | ♑ | ♒ | ♓ |
|------|---------|-----------------------|---------------------|---------------------|---------------------|--------------------|-------------------|--------------------|--------------------|---------------------|-------------------|---------------------|---------------------|---------------------|--------------------|---|---|---|---|---|---|---|---|
| T 1 | 7 3 25 | 16 ³ 29'43 | 17 ²⁸ 28 | 24 ²⁷ 22 | 26 ³¹ 31 | 26 ^R 29 | 0 ⁶ 6 | 11 ^R 26 | 21 ^Y 4 | 28 ^R 27 | 5 ^Y 44 | 27 ^R 28 | 29 ⁹ 9 | 19 ⁵⁵ 55 | 10 ^Y 33 | | | | | | | | |
| W 2 | 7 7 22 | 17 ³⁰ '50 | 1 ^X 19 | 24 ⁴⁴ | 27 ⁴³ | 26 ^Ω 22 | 0 ²⁰ | 11 ^η 25 | 21 [°] 4 | 28 ²⁵ 25 | 5 ⁴⁵ | 27 ^D 27 | 29 [°] 6 | 20 [°] 2 | 10 ³⁴ | | | | | | | | |
| T 3 | 7 11 18 | 18 ³¹ '55 | 15 [°] 16 | 25 [°] 12 | 28 [°] 54 | 26 [°] 13 | 0 [°] 34 | 11 [°] 23 | 21 [°] 5 | 28 [°] 23 | 5 [°] 45 | 27 ²⁸ 28 | 29 [°] 2 | 20 [°] 9 | 10 ³⁵ | | | | | | | | |
| F 4 | 7 15 15 | 19 ³³ '00 | 29 [°] 19 | 25 [°] 46 | 0 ^X 6 | 26 [°] 3 | 0 [°] 48 | 11 [°] 21 | 21 [°] 5 | 28 [°] 22 | 5 [°] 45 | 27 ³⁰ 30 | 28 [°] 59 | 20 [°] 15 | 10 ³⁶ | | | | | | | | |
| S 5 | 7 19 11 | 20 ³⁴ '03 | 13 ^Y 25 | 26 [°] 25 | 1 [°] 17 | 25 [°] 53 | 1 [°] 2 | 11 [°] 19 | 21 [°] 6 | 28 [°] 20 | 5 [°] 46 | 27 ³¹ 31 | 28 [°] 56 | 20 [°] 22 | 10 ³⁷ | | | | | | | | |
| S 6 | 7 23 8 | 21 ³⁵ '05 | 27 ³⁴ | 27 [°] 8 | 2 [°] 28 | 25 [°] 42 | 1 [°] 17 | 11 [°] 17 | 21 [°] 6 | 28 [°] 18 | 5 [°] 46 | 27 ^R 31 | 28 [°] 53 | 20 [°] 29 | 10 ³⁹ | | | | | | | | |
| M 7 | 7 27 4 | 22 ³⁶ '06 | 11 ^Ω 44 | 27 [°] 56 | 3 [°] 39 | 25 [°] 30 | 1 [°] 31 | 11 [°] 14 | 21 [°] 7 | 28 [°] 17 | 5 [°] 47 | 27 ²⁹ 29 | 28 [°] 50 | 20 [°] 35 | 10 ⁴⁰ | | | | | | | | |
| T 8 | 7 31 1 | 23 ³⁷ '06 | 25 [°] 52 | 28 [°] 48 | 4 [°] 50 | 25 [°] 18 | 1 [°] 45 | 11 [°] 12 | 21 [°] 8 | 28 [°] 15 | 5 [°] 48 | 27 ²⁶ 26 | 28 [°] 46 | 20 [°] 42 | 10 ⁴¹ | | | | | | | | |
| W 9 | 7 34 57 | 24 ³⁸ '04 | 9 ^{II} 57 | 29 [°] 43 | 6 [°] 1 | 25 [°] 4 | 1 [°] 59 | 11 [°] 10 | 21 [°] 9 | 28 [°] 13 | 5 [°] 48 | 27 ²² 22 | 28 [°] 43 | 20 [°] 49 | 10 ⁴³ | | | | | | | | |
| T 10 | 7 38 54 | 25 ³⁹ '02 | 23 ⁵⁴ | 0 ^Ω 42 | 7 [°] 12 | 24 [°] 50 | 2 [°] 14 | 11 [°] 7 | 21 [°] 10 | 28 [°] 12 | 5 [°] 49 | 27 ¹⁷ 17 | 28 [°] 40 | 20 [°] 55 | 10 ⁴⁴ | | | | | | | | |
| F 11 | 7 42 51 | 26 ³⁹ '58 | 7 ^Ω 40 | 1 [°] 43 | 8 [°] 23 | 24 [°] 36 | 2 [°] 28 | 11 [°] 4 | 21 [°] 10 | 28 [°] 10 | 5 [°] 49 | 27 ¹² 12 | 28 [°] 37 | 21 [°] 2 | 10 ⁴⁵ | | | | | | | | |
| S 12 | 7 46 47 | 27 ⁴⁰ '53 | 21 [°] 13 | 2 [°] 46 | 9 [°] 33 | 24 [°] 20 | 2 [°] 42 | 11 [°] 2 | 21 [°] 11 | 28 [°] 8 | 5 [°] 50 | 27 [°] 7 | 28 [°] 34 | 21 [°] 9 | 10 ⁴⁷ | | | | | | | | |
| S 13 | 7 50 44 | 28 ⁴¹ '47 | 4 ^Ω 29 | 3 [°] 53 | 10 [°] 44 | 24 [°] 4 | 2 [°] 56 | 10 [°] 59 | 21 [°] 12 | 28 [°] 7 | 5 [°] 51 | 27 [°] 4 | 28 [°] 31 | 21 [°] 16 | 10 ⁴⁹ | | | | | | | | |
| M 14 | 7 54 40 | 29 ⁴² '39 | 17 [°] 27 | 5 [°] 1 | 11 [°] 54 | 23 [°] 47 | 3 [°] 11 | 10 [°] 56 | 21 [°] 13 | 28 [°] 5 | 5 [°] 51 | 27 [°] 2 | 28 [°] 27 | 21 [°] 22 | 10 ⁵⁰ | | | | | | | | |
| T 15 | 7 58 37 | 0 ⁴³ '31 | 0 ^η 7 | 6 [°] 11 | 13 [°] 4 | 23 [°] 29 | 3 [°] 25 | 10 [°] 53 | 21 [°] 15 | 28 [°] 3 | 5 [°] 52 | 27 ^D 2 | 28 [°] 24 | 21 [°] 29 | 10 ⁵² | | | | | | | | |
| W 16 | 8 2 33 | 1 ⁴⁴ '21 | 12 ³¹ | 7 [°] 24 | 14 [°] 14 | 23 [°] 11 | 3 [°] 39 | 10 [°] 50 | 21 [°] 16 | 28 [°] 1 | 5 [°] 53 | 27 [°] 3 | 28 [°] 21 | 21 [°] 36 | 10 ⁵⁴ | | | | | | | | |
| T 17 | 8 6 30 | 2 ⁴⁵ '11 | 24 [°] 41 | 8 [°] 38 | 15 [°] 24 | 22 [°] 52 | 3 [°] 54 | 10 [°] 47 | 21 [°] 17 | 28 [°] 0 | 5 [°] 53 | 27 [°] 4 | 28 [°] 18 | 21 [°] 42 | 10 ⁵⁵ | | | | | | | | |
| F 18 | 8 10 26 | 3 ⁴⁵ '59 | 6 ^Ω 41 | 9 [°] 53 | 16 [°] 34 | 22 [°] 33 | 4 [°] 8 | 10 [°] 43 | 21 [°] 18 | 27 [°] 58 | 5 [°] 54 | 27 [°] 6 | 28 [°] 15 | 21 [°] 49 | 10 ⁵⁷ | | | | | | | | |
| S 19 | 8 14 23 | 4 ⁴⁶ '47 | 18 [°] 33 | 11 [°] 10 | 17 [°] 43 | 22 [°] 13 | 4 [°] 22 | 10 [°] 40 | 21 [°] 19 | 27 [°] 56 | 5 [°] 55 | 27 [°] 8 | 28 [°] 11 | 21 [°] 56 | 10 ⁵⁹ | | | | | | | | |
| S 20 | 8 18 20 | 5 ⁴⁷ '33 | 0 ^η 24 | 12 [°] 29 | 18 [°] 53 | 21 [°] 52 | 4 [°] 37 | 10 [°] 37 | 21 [°] 21 | 27 [°] 55 | 5 [°] 56 | 27 [°] 9 | 28 [°] 8 | 22 [°] 2 | 11 [°] 1 | | | | | | | | |
| M 21 | 8 22 16 | 6 ⁴⁸ '18 | 12 [°] 18 | 13 [°] 49 | 20 [°] 2 | 21 [°] 31 | 4 [°] 51 | 10 [°] 33 | 21 [°] 22 | 27 [°] 53 | 5 [°] 56 | 27 ^R 9 | 28 [°] 5 | 22 [°] 9 | 11 [°] 3 | | | | | | | | |
| T 22 | 8 26 13 | 7 ⁴⁹ '02 | 24 [°] 20 | 15 [°] 10 | 21 [°] 11 | 21 [°] 10 | 5 [°] 5 | 10 [°] 30 | 21 [°] 24 | 27 [°] 51 | 5 [°] 57 | 27 [°] 8 | 28 [°] 2 | 22 [°] 16 | 11 [°] 5 | | | | | | | | |
| W 23 | 8 30 9 | 8 ⁴⁹ '45 | 6 ^Ω 35 | 16 [°] 32 | 22 [°] 20 | 20 [°] 48 | 5 [°] 20 | 10 [°] 26 | 21 [°] 25 | 27 [°] 50 | 5 [°] 58 | 27 [°] 6 | 27 [°] 59 | 22 [°] 23 | 11 [°] 7 | | | | | | | | |
| T 24 | 8 34 6 | 9 ⁵⁰ '27 | 19 [°] 5 | 17 [°] 56 | 23 [°] 29 | 20 [°] 25 | 5 [°] 34 | 10 [°] 22 | 21 [°] 27 | 27 [°] 48 | 5 [°] 59 | 27 [°] 3 | 27 [°] 56 | 22 [°] 29 | 11 [°] 9 | | | | | | | | |
| F 25 | 8 38 2 | 10 ⁵¹ '08 | 1 ^Ω 56 | 19 [°] 20 | 24 [°] 37 | 20 [°] 3 | 5 [°] 48 | 10 [°] 19 | 21 [°] 28 | 27 [°] 46 | 6 [°] 0 | 27 [°] 1 | 27 [°] 52 | 22 [°] 36 | 11 [°] 11 | | | | | | | | |
| S 26 | 8 41 59 | 11 ⁵¹ '47 | 15 [°] 7 | 20 [°] 46 | 25 [°] 46 | 19 [°] 40 | 6 [°] 3 | 10 [°] 15 | 21 [°] 30 | 27 [°] 45 | 6 [°] 1 | 26 [°] 59 | 27 [°] 49 | 22 [°] 43 | 11 [°] 13 | | | | | | | | |
| S 27 | 8 45 55 | 12 ⁵² '25 | 28 [°] 39 | 22 [°] 13 | 26 [°] 54 | 19 [°] 16 | 6 [°] 17 | 10 [°] 11 | 21 [°] 32 | 27 [°] 43 | 6 [°] 2 | 26 [°] 57 | 27 [°] 46 | 22 [°] 49 | 11 [°] 16 | | | | | | | | |
| M 28 | 8 49 52 | 13 ⁵³ '02 | 12 ³⁰ | 23 [°] 41 | 28 [°] 2 | 18 [°] 53 | 6 [°] 31 | 10 [°] 7 | 21 [°] 33 | 27 [°] 42 | 6 [°] 3 | 26 [°] 56 | 27 [°] 43 | 22 [°] 56 | 11 [°] 18 | | | | | | | | |
| T 29 | 8 53 49 | 14 ⁵³ '36 | 26 [°] 37 | 25 [°] 10 | 29 [°] 10 | 18 [°] 29 | 6 [°] 46 | 10 [°] 3 | 21 [°] 35 | 27 [°] 40 | 6 [°] 4 | 26 ^D 55 | 27 [°] 40 | 23 [°] 3 | 11 [°] 20 | | | | | | | | |
| W 30 | 8 57 45 | 15 ⁵⁴ '09 | 10 ^X 57 | 26 [°] 39 | 0 ^Y 18 | 18 [°] 5 | 7 [°] 0 | 9 [°] 59 | 21 [°] 37 | 27 [°] 38 | 6 [°] 5 | 26 [°] 56 | 27 [°] 37 | 23 [°] 9 | 11 [°] 23 | | | | | | | | |
| T 31 | 9 1 42 | 16 ⁵⁴ '41 | 25 ^X 23 | 28 [°] 10 | 1 ^Y 25 | 17 ^Ω 41 | 7 ¹⁴ | 9 ^η 55 | 21 ^Y 39 | 27 ^Ω 37 | 6 ^Y 6 | 26 ⁵⁶ 56 | 27 ³³ 33 | 23 ¹⁶ 16 | 11 ^Y 25 | | | | | | | | |

Delta T = 18m22s Julian Calendar 1 Jan. 1096 == Greg. Calendar 7 Jan. 1096

FEBRUARY 1096 JC

00:00 UT

| Day | Sid.t | ☉ | ☽ | ♀ | ♁ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ♈ | ♉ | ♊ | ♋ | ♌ | ♍ | ♎ | ♏ | ♐ | ♑ | ♒ | ♓ |
|------|---------|----------------------|--------------------|--------------------|--------------------|--------------------|--------------------|-------------------|--------------------|---------------------|-------------------|---------------------|---------------------|---------------------|--------------------|---|---|---|---|---|---|---|---|
| F 1 | 9 5 38 | 17 ⁵⁵ '10 | 9 ^Y 51 | 29 ^Ω 42 | 2 ^Y 32 | 17 ^R 18 | 7 ²⁸ 28 | 9 ^R 51 | 21 ^Y 41 | 27 ^R 35 | 6 ^Y 7 | 26 ⁵⁷ 57 | 27 ³⁰ 30 | 23 ²³ 23 | 11 ^Y 28 | | | | | | | | |
| S 2 | 9 9 35 | 18 ⁵⁵ '38 | 24 [°] 15 | 1 ¹⁵ 15 | 3 [°] 39 | 16 ^Ω 54 | 7 [°] 43 | 9 ^η 46 | 21 [°] 43 | 27 ³⁴ 34 | 6 [°] 8 | 26 [°] 58 | 27 ²⁷ 27 | 23 [°] 29 | 11 [°] 30 | | | | | | | | |
| S 3 | 9 13 31 | 19 ⁵⁶ '03 | 8 ^Ω 33 | 2 [°] 48 | 4 [°] 46 | 16 [°] 30 | 7 [°] 57 | 9 [°] 42 | 21 [°] 45 | 27 [°] 32 | 6 [°] 9 | 26 [°] 58 | 27 ²⁴ 24 | 23 [°] 36 | 11 [°] 33 | | | | | | | | |
| M 4 | 9 17 28 | 20 ⁵⁶ '27 | 22 [°] 42 | 4 [°] 23 | 5 [°] 53 | 16 [°] 6 | 8 [°] 11 | 9 [°] 38 | 21 [°] 47 | 27 [°] 31 | 6 [°] 10 | 26 ^R 58 | 27 ²¹ 21 | 23 [°] 43 | 11 [°] 35 | | | | | | | | |
| T 5 | 9 21 24 | 21 ⁵⁶ '49 | 6 ^{II} 40 | 5 [°] 59 | 6 [°] 59 | 15 [°] 42 | 8 [°] 25 | 9 [°] 33 | 21 [°] 49 | 27 ²⁹ 29 | 6 [°] 11 | 26 [°] 58 | 27 ¹⁷ 17 | 23 [°] 50 | 11 [°] 38 | | | | | | | | |
| W 6 | 9 25 21 | 22 ⁵⁷ '08 | 20 ²⁵ | 7 [°] 35 | 8 [°] 5 | 15 [°] 19 | 8 [°] 39 | 9 [°] 29 | 21 [°] 51 | 27 ²⁸ 28 | 6 [°] 12 | 26 [°] 58 | 27 ¹⁴ 14 | 23 [°] 56 | 11 [°] 41 | | | | | | | | |
| T 7 | 9 29 18 | 23 ⁵⁷ '26 | 3 ^Ω 57 | 9 [°] 13 | 9 [°] 11 | 14 [°] 56 | 8 [°] 53 | 9 [°] 24 | 21 [°] 53 | 27 ²⁶ 26 | 6 [°] 13 | 26 [°] 58 | 27 ¹¹ 11 | 24 [°] 3 | 11 [°] 43 | | | | | | | | |
| F 8 | 9 33 14 | 24 ⁵⁷ '42 | 17 [°] 16 | 10 [°] 51 | 10 [°] 17 | 14 [°] 33 | 9 [°] 7 | 9 [°] 20 | 21 [°] 55 | 27 ²⁵ 25 | 6 [°] 14 | 26 [°] 57 | 27 [°] 8 | 24 [°] 10 | 11 [°] 46 | | | | | | | | |
| S 9 | 9 37 11 | 25 ⁵⁷ '55 | 0 ^Ω 22 | 12 [°] 31 | 11 [°] 22 | 14 [°] 11 | 9 [°] 21 | 9 [°] 15 | 21 [°] 57 | 27 ²³ 23 | 6 [°] 15 | 26 [°] 57 | 27 [°] 5 | 24 [°] 16 | 11 [°] 49 | | | | | | | | |
| S 10 | 9 41 7 | 26 ⁵⁸ '07 | 13 [°] 14 | 14 [°] 12 | 12 [°] 27 | 13 [°] 48 | 9 [°] 35 | 9 [°] 11 | 22 [°] 0 | 27 ²² 22 | 6 [°] 16 | 26 ^D 57 | 27 [°] 2 | 24 [°] 23 | 11 [°] 52 | | | | | | | | |
| M 11 | 9 45 4 | 27 ⁵⁸ '16 | 25 [°] 54 | 15 [°] 53 | 13 [°] 32 | 13 [°] 27 | 9 [°] 49 | 9 [°] 6 | 22 [°] 2 | 27 ²⁰ 20 | 6 [°] 17 | 26 ^R 57 | 26 [°] 58 | 24 [°] 30 | 11 [°] 55 | | | | | | | | |
| T 12 | 9 49 0 | 28 ⁵⁸ '24 | 8 ^η 20 | 17 [°] 36 | 14 [°] 36 | 13 [°] 5 | 10 [°] 3 | 9 [°] 2 | 22 [°] 4 | 27 ¹⁹ 19 | 6 [°] 19 | 26 [°] 57 | 26 [°] 55 | 24 [°] 37 | 11 [°] 58 | | | | | | | | |
| W 13 | 9 52 57 | 29 ⁵⁸ '30 | 20 [°] 36 | 19 [°] 20 | 15 [°] 40 | 12 [°] 44 | 10 [°] 17 | 8 [°] 57 | 22 [°] 7 | 27 ¹⁸ 18 | 6 [°] 20 | 26 [°] 57 | 26 [°] 52 | 24 [°] 43 | 12 [°] 0 | | | | | | | | |
| T 14 | 9 56 53 | 0 ^X 58'34 | 2 ^Ω 41 | 21 [°] 5 | 16 [°] 44 | 12 [°] 24 | 10 [°] 31 | 8 [°] 52 | 22 [°] 9 | 27 ¹⁶ 16 | 6 [°] 21 | 26 [°] 56 | 26 [°] 49 | 24 [°] 50 | 12 [°] 3 | | | | | | | | |
| F 15 | 10 0 50 | 1 ⁵⁸ '36 | 14 [°] 39 | 22 [°] 51 | 17 [°] 48 | 12 [°] 4 | 10 [°] 45 | 8 [°] 48 | 22 [°] 11 | 27 ¹⁵ 15 | 6 [°] 22 | 26 [°] 56 | 26 [°] 46 | 24 [°] 57 | 12 [°] 6 | | | | | | | | |
| S 16 | 10 4 47 | 2 ⁵⁸ '36 | 26 [°] 31 | 24 [°] 38 | 18 [°] 51 | 11 [°] 45 | 10 [°] 59 | 8 [°] 43 | 22 [°] 14 | 27 ¹³ 13 | 6 [°] 23 | 26 [°] 55 | 26 [°] 43 | 25 [°] 3 | 12 [°] 9 | | | | | | | | |
| S 17 | 10 8 43 | 3 ⁵⁸ '35 | 8 ^η 23 | 26 [°] 26 | 19 [°] 54 | 11 [°] 26 | 11 [°] 13 | 8 [°] 38 | 22 [°] 17 | 27 ¹² 12 | 6 [°] 25 | | | | | | | | | | | | |

SWISS EPHEMERIS for the year 1096

MARCH 1096 JC

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| Day | Sid.t | ☉ | ☽ | ♀ | ♁ | ♂ | ♃ | ♅ | ♁ | ♁ | ♁ | ♁ | ♁ | ♁ | ♁ |
|------|----------|----------|--------|-------|-------|-------|-------|-------|-------|--------|------|--------|-------|-------|-------|
| S 1 | 10 59 58 | 16X55'36 | 4818 | 21X28 | 2856 | 8°R26 | 14∞ 8 | 7°R37 | 22V52 | 26°R58 | 6V41 | 26°R50 | 25∞58 | 26∞37 | 12V55 |
| S 2 | 11 3 55 | 17°55'08 | 18°55 | 23°29 | 3°53 | 8∞17 | 14°21 | 7∞32 | 22°55 | 26∞57 | 6°43 | 26∞48 | 25°55 | 26°44 | 12°58 |
| M 3 | 11 7 51 | 18°54'38 | 3II16 | 25°30 | 4°50 | 8°10 | 14°35 | 7°27 | 22°58 | 26°56 | 6°44 | 26°46 | 25°52 | 26°51 | 13° 2 |
| T 4 | 11 11 48 | 19°54'05 | 17°16 | 27°31 | 5°46 | 8° 3 | 14°48 | 7°23 | 23° 1 | 26°55 | 6°45 | 26°D45 | 25°49 | 26°57 | 13° 5 |
| W 5 | 11 15 45 | 20°53'30 | 0855 | 29°31 | 6°41 | 7°56 | 15° 1 | 7°18 | 23° 4 | 26°54 | 6°47 | 26°45 | 25°45 | 27° 4 | 13° 9 |
| T 6 | 11 19 41 | 21°52'53 | 14°14 | 1V31 | 7°36 | 7°51 | 15°14 | 7°14 | 23° 7 | 26°53 | 6°48 | 26°47 | 25°42 | 27°11 | 13°12 |
| F 7 | 11 23 38 | 22°52'13 | 27°15 | 3°30 | 8°30 | 7°47 | 15°26 | 7° 9 | 23°10 | 26°52 | 6°50 | 26°48 | 25°39 | 27°17 | 13°16 |
| S 8 | 11 27 34 | 23°51'31 | 10∞ 1 | 5°27 | 9°23 | 7°43 | 15°39 | 7° 5 | 23°14 | 26°52 | 6°51 | 26°50 | 25°36 | 27°24 | 13°19 |
| S 9 | 11 31 31 | 24°50'46 | 22°33 | 7°23 | 10°16 | 7°40 | 15°52 | 7° 0 | 23°17 | 26°51 | 6°52 | 26°R51 | 25°33 | 27°31 | 13°23 |
| M10 | 11 35 27 | 25°49'59 | 4∞54 | 9°16 | 11° 8 | 7°37 | 16° 5 | 6°56 | 23°20 | 26°50 | 6°54 | 26°50 | 25°29 | 27°38 | 13°26 |
| T 11 | 11 39 24 | 26°49'10 | 17° 6 | 11° 7 | 12° 0 | 7°36 | 16°17 | 6°52 | 23°23 | 26°49 | 6°55 | 26°49 | 25°26 | 27°44 | 13°30 |
| W12 | 11 43 20 | 27°48'19 | 29°10 | 12°55 | 12°51 | 7°35 | 16°30 | 6°47 | 23°26 | 26°49 | 6°57 | 26°45 | 25°23 | 27°51 | 13°34 |
| T 13 | 11 47 17 | 28°47'26 | 11∞ 9 | 14°40 | 13°41 | 7°D35 | 16°42 | 6°43 | 23°29 | 26°48 | 6°58 | 26°41 | 25°20 | 27°58 | 13°37 |
| F 14 | 11 51 14 | 29°46'30 | 23° 3 | 16°21 | 14°30 | 7°36 | 16°54 | 6°39 | 23°33 | 26°47 | 6°59 | 26°35 | 25°17 | 28° 4 | 13°41 |
| S 15 | 11 55 10 | 0V45'33 | 4II55 | 17°58 | 15°18 | 7°37 | 17° 7 | 6°35 | 23°36 | 26°47 | 7° 1 | 26°29 | 25°14 | 28°11 | 13°44 |
| S 16 | 11 59 7 | 1°44'34 | 16°47 | 19°30 | 16° 5 | 7°39 | 17°19 | 6°31 | 23°39 | 26°46 | 7° 2 | 26°23 | 25°10 | 28°18 | 13°48 |
| M17 | 12 3 3 | 2°43'33 | 28°42 | 20°58 | 16°52 | 7°42 | 17°31 | 6°27 | 23°42 | 26°46 | 7° 4 | 26°17 | 25° 7 | 28°24 | 13°52 |
| T 18 | 12 7 0 | 3°42'30 | 10∞42 | 22°20 | 17°38 | 7°46 | 17°43 | 6°23 | 23°46 | 26°45 | 7° 5 | 26°13 | 25° 4 | 28°31 | 13°55 |
| W19 | 12 10 56 | 4°41'25 | 22°52 | 23°38 | 18°23 | 7°50 | 17°55 | 6°19 | 23°49 | 26°45 | 7° 7 | 26°11 | 25° 1 | 28°38 | 13°59 |
| T 20 | 12 14 53 | 5°40'19 | 5∞16 | 24°50 | 19° 6 | 7°55 | 18° 7 | 6°15 | 23°52 | 26°45 | 7° 8 | 26°D10 | 24°58 | 28°45 | 14° 3 |
| F 21 | 12 18 49 | 6°39'11 | 17°59 | 25°56 | 19°49 | 8° 1 | 18°19 | 6°11 | 23°56 | 26°44 | 7° 9 | 26°10 | 24°54 | 28°51 | 14° 7 |
| S 22 | 12 22 46 | 7°38'00 | 1∞ 4 | 26°57 | 20°31 | 8° 7 | 18°31 | 6° 7 | 23°59 | 26°44 | 7°11 | 26°12 | 24°51 | 28°58 | 14°10 |
| S 23 | 12 26 43 | 8°36'49 | 14°35 | 27°51 | 21°11 | 8°14 | 18°42 | 6° 4 | 24° 2 | 26°44 | 7°12 | 26°13 | 24°48 | 29° 5 | 14°14 |
| M24 | 12 30 39 | 9°35'35 | 28°34 | 28°40 | 21°51 | 8°21 | 18°54 | 6° 0 | 24° 6 | 26°43 | 7°14 | 26°R13 | 24°45 | 29°11 | 14°18 |
| T 25 | 12 34 36 | 10°34'19 | 13X 0 | 29°22 | 22°29 | 8°29 | 19° 5 | 5°57 | 24° 9 | 26°43 | 7°15 | 26°12 | 24°42 | 29°18 | 14°21 |
| W26 | 12 38 32 | 11°33'02 | 27°49 | 29°58 | 23° 6 | 8°38 | 19°17 | 5°53 | 24°12 | 26°43 | 7°16 | 26° 9 | 24°39 | 29°25 | 14°25 |
| T 27 | 12 42 29 | 12°31'43 | 12V56 | 0828 | 23°42 | 8°47 | 19°28 | 5°50 | 24°16 | 26°43 | 7°18 | 26° 4 | 24°35 | 29°32 | 14°29 |
| F 28 | 12 46 25 | 13°30'21 | 28°11 | 0°52 | 24°17 | 8°57 | 19°39 | 5°47 | 24°19 | 26°43 | 7°19 | 25°57 | 24°32 | 29°38 | 14°32 |
| S 29 | 12 50 22 | 14°28'58 | 13822 | 1° 9 | 24°50 | 9° 7 | 19°50 | 5°43 | 24°23 | 26°42 | 7°21 | 25°50 | 24°29 | 29°45 | 14°36 |
| S 30 | 12 54 18 | 15°27'33 | 28°20 | 1°20 | 25°22 | 9°19 | 20° 1 | 5°40 | 24°26 | 26°42 | 7°22 | 25°43 | 24°26 | 29°52 | 14°40 |
| M31 | 12 58 15 | 16V26'05 | 12II57 | 1°R25 | 25852 | 9∞30 | 20∞12 | 5∞37 | 24V29 | 26∞42 | 7V24 | 25∞37 | 24∞23 | 29∞58 | 14V44 |

Delta T = 18m21s Julian Calendar 1 March 1096 == Greg. Calendar 7 March 1096

APRIL 1096 JC

00:00 UT

| Day | Sid.t | ☉ | ☽ | ♀ | ♁ | ♂ | ♃ | ♅ | ♁ | ♁ | ♁ | ♁ | ♁ | ♁ | ♁ |
|------|----------|----------|--------|--------|--------|-------|-------|-------|-------|-------|------|--------|-------|------|-------|
| T 1 | 13 2 11 | 17V24'36 | 27II 8 | 1°R25 | 26821 | 9∞42 | 20∞23 | 5°R34 | 24V33 | 26∞42 | 7V25 | 25°R33 | 24∞20 | 0∞ 5 | 14V47 |
| W 2 | 13 6 8 | 18°23'04 | 10851 | 1818 | 26°48 | 9°55 | 20°34 | 5∞32 | 24°36 | 26°42 | 7°26 | 25∞31 | 24°16 | 0°12 | 14°51 |
| T 3 | 13 10 5 | 19°21'29 | 24° 9 | 1° 6 | 27°13 | 10° 8 | 20°45 | 5°29 | 24°40 | 26°42 | 7°28 | 25°D31 | 24°13 | 0°19 | 14°55 |
| F 4 | 13 14 1 | 20°19'53 | 7∞ 4 | 0°49 | 27°37 | 10°22 | 20°55 | 5°26 | 24°43 | 26°42 | 7°29 | 25°32 | 24°10 | 0°25 | 14°59 |
| S 5 | 13 17 58 | 21°18'14 | 19°39 | 0°27 | 27°59 | 10°36 | 21° 5 | 5°23 | 24°47 | 26°43 | 7°31 | 25°R33 | 24° 7 | 0°32 | 15° 2 |
| S 6 | 13 21 54 | 22°16'34 | 1∞59 | 0° 1 | 28°19 | 10°51 | 21°16 | 5°21 | 24°50 | 26°43 | 7°32 | 25°33 | 24° 4 | 0°39 | 15° 6 |
| M 7 | 13 25 51 | 23°14'51 | 14° 8 | 29V32 | 28°37 | 11° 6 | 21°26 | 5°19 | 24°54 | 26°43 | 7°33 | 25°31 | 24° 0 | 0°45 | 15°10 |
| T 8 | 13 29 47 | 24°13'06 | 26° 9 | 28°59 | 28°53 | 11°22 | 21°36 | 5°16 | 24°57 | 26°43 | 7°35 | 25°27 | 23°57 | 0°52 | 15°13 |
| W 9 | 13 33 44 | 25°11'19 | 8∞ 5 | 28°23 | 29° 7 | 11°38 | 21°46 | 5°14 | 25° 1 | 26°43 | 7°36 | 25°20 | 23°54 | 0°59 | 15°17 |
| T 10 | 13 37 40 | 26° 9'30 | 19°58 | 27°46 | 29°19 | 11°54 | 21°56 | 5°12 | 25° 4 | 26°44 | 7°37 | 25°11 | 23°51 | 1° 5 | 15°21 |
| F 11 | 13 41 37 | 27° 7'40 | 1II50 | 27° 8 | 29°29 | 12°11 | 22° 6 | 5°10 | 25° 7 | 26°44 | 7°39 | 25° 0 | 23°48 | 1°12 | 15°24 |
| S 12 | 13 45 34 | 28° 5'47 | 13°43 | 26°29 | 29°37 | 12°29 | 22°15 | 5° 8 | 25°11 | 26°44 | 7°40 | 24°48 | 23°45 | 1°19 | 15°28 |
| S 13 | 13 49 30 | 29° 3'53 | 25°37 | 25°50 | 29°43 | 12°47 | 22°25 | 5° 6 | 25°14 | 26°45 | 7°42 | 24°36 | 23°41 | 1°26 | 15°32 |
| M14 | 13 53 27 | 08 1'58 | 7∞35 | 25°13 | 29°46 | 13° 5 | 22°34 | 5° 4 | 25°18 | 26°45 | 7°43 | 24°25 | 23°38 | 1°32 | 15°35 |
| T 15 | 13 57 23 | 1° 0'01 | 19°39 | 24°36 | 29°R47 | 13°23 | 22°43 | 5° 3 | 25°21 | 26°46 | 7°44 | 24°16 | 23°35 | 1°39 | 15°39 |
| W16 | 14 1 20 | 1°58'02 | 1852 | 24° 3 | 29°45 | 13°43 | 22°53 | 5° 1 | 25°25 | 26°46 | 7°46 | 24°10 | 23°32 | 1°46 | 15°43 |
| T 17 | 14 5 16 | 2°56'03 | 14°16 | 23°31 | 29°41 | 14° 2 | 23° 2 | 5° 0 | 25°28 | 26°47 | 7°47 | 24° 6 | 23°29 | 1°52 | 15°46 |
| F 18 | 14 9 13 | 3°54'01 | 26°56 | 23° 3 | 29°35 | 14°22 | 23°11 | 4°58 | 25°32 | 26°47 | 7°48 | 24° 5 | 23°26 | 1°59 | 15°50 |
| S 19 | 14 13 9 | 4°51'59 | 9∞56 | 22°39 | 29°26 | 14°42 | 23°19 | 4°57 | 25°35 | 26°48 | 7°49 | 24°D 5 | 23°22 | 2° 6 | 15°53 |
| S 20 | 14 17 6 | 5°49'54 | 23°20 | 22°18 | 29°15 | 15° 3 | 23°28 | 4°56 | 25°38 | 26°48 | 7°51 | 24°R 5 | 23°19 | 2°13 | 15°57 |
| M21 | 14 21 3 | 6°47'49 | 7X10 | 22° 2 | 29° 1 | 15°23 | 23°36 | 4°55 | 25°42 | 26°49 | 7°52 | 24° 4 | 23°16 | 2°19 | 16° 0 |
| T 22 | 14 24 59 | 7°45'42 | 21°27 | 21°49 | 28°45 | 15°45 | 23°45 | 4°54 | 25°45 | 26°50 | 7°53 | 24° 2 | 23°13 | 2°26 | 16° 4 |
| W23 | 14 28 56 | 8°43'34 | 6V11 | 21°42 | 28°27 | 16° 6 | 23°53 | 4°53 | 25°49 | 26°50 | 7°55 | 23°57 | 23°10 | 2°33 | 16° 7 |
| T 24 | 14 32 52 | 9°41'25 | 21°15 | 21°D39 | 28° 6 | 16°28 | 24° 1 | 4°52 | 25°52 | 26°51 | 7°56 | 23°50 | 23° 6 | 2°39 | 16°11 |
| F 25 | 14 36 49 | 10°39'14 | 6831 | 21°40 | 27°44 | 16°50 | 24° 9 | 4°52 | 25°55 | 26°52 | 7°57 | 23°40 | 23° 3 | 2°46 | 16°14 |
| S 26 | 14 40 45 | 11°37'02 | 21°49 | 21°46 | 27°19 | 17°13 | 24°17 | 4°51 | 25°59 | 26°53 | 7°58 | 23°29 | 23° 0 | 2°53 | 16°18 |
| S 27 | 14 44 42 | 12°34'49 | 6II57 | 21°57 | 26°52 | 17°36 | 24°25 | 4°51 | 26° 2 | 26°54 | 7°59 | 23°19 | 22°57 | 3° 0 | 16°21 |
| M28 | 14 48 38 | 13°32'33 | 21°45 | 22°12 | 26°23 | 17°59 | 24°32 | 4°50 | 26° 6 | 26°54 | 8° 1 | 23°10 | 22°54 | 3° 6 | 16°25 |
| T 29 | 14 52 35 | 14°30'17 | 686 6 | 22°32 | 25°52 | 18°23 | 24°40 | 4°50 | 26° 9 | 26°55 | 8° 2 | 23° 3 | 22°51 | 3°13 | 16°28 |
| W30 | 14 56 32 | 15827'59 | 19858 | 22V56 | 25820 | 18∞47 | 24∞47 | 4∞50 | 26V12 | 26856 | 8V 3 | 22∞59 | 22∞47 | 3∞20 | 16V31 |

Delta T = 18m20s Julian Calendar created from Swiss Ephemeris, Copyright Astrodiest AG [10.1.2003]

SWISS EPHEMERIS for the year 1096

MAY 1096 JC

00:00 UT

| Day | Sid.t | ☉ | ☽ | ♀ | ♂ | ♂ | ♄ | ♃ | ♁ | ♁ | ♁ | ♁ | ♁ | ♁ | ♁ |
|------|----------|------------|-------|-------|--------|-------|-------|------|-------|-------|------|--------|-------|------|-------|
| T 1 | 15 0 28 | 16♃25'39 | 3♄21 | 23♃24 | 24♃R46 | 19♄11 | 24♃54 | 4♃50 | 26♃15 | 26♃57 | 8♃4 | 22♃R57 | 22♃44 | 3♄27 | 16♃35 |
| F 2 | 15 4 25 | 17°23'17 | 16°17 | 23°57 | 24♃11 | 19°35 | 25° 1 | 4°50 | 26°19 | 26°58 | 8° 5 | 22♃57 | 22°41 | 3°33 | 16°38 |
| S 3 | 15 8 21 | 18°20'54 | 28°52 | 24°33 | 23°35 | 20° 0 | 25° 8 | 4°50 | 26°22 | 26°59 | 8° 7 | 22°57 | 22°38 | 3°40 | 16°41 |
| S 4 | 15 12 18 | 19°18'29 | 11♃8 | 25°13 | 22°58 | 20°25 | 25°15 | 4°50 | 26°25 | 27° 0 | 8° 8 | 22°56 | 22°35 | 3°47 | 16°45 |
| M 5 | 15 16 14 | 20°16'03 | 23°12 | 25°57 | 22°21 | 20°50 | 25°21 | 4°51 | 26°29 | 27° 1 | 8° 9 | 22°54 | 22°32 | 3°53 | 16°48 |
| T 6 | 15 20 11 | 21°13'35 | 5♄9 | 26°45 | 21°43 | 21°16 | 25°27 | 4°51 | 26°32 | 27° 3 | 8°10 | 22°48 | 22°28 | 4° 0 | 16°51 |
| W 7 | 15 24 7 | 22°11'06 | 17° 0 | 27°36 | 21° 5 | 21°41 | 25°34 | 4°52 | 26°35 | 27° 4 | 8°11 | 22°40 | 22°25 | 4° 7 | 16°54 |
| T 8 | 15 28 4 | 23° 8'35 | 28°51 | 28°31 | 20°27 | 22° 7 | 25°40 | 4°52 | 26°38 | 27° 5 | 8°12 | 22°30 | 22°22 | 4°14 | 16°58 |
| F 9 | 15 32 1 | 24° 6'04 | 10♄44 | 29°29 | 19°50 | 22°34 | 25°46 | 4°53 | 26°41 | 27° 6 | 8°13 | 22°17 | 22°19 | 4°20 | 17° 1 |
| S 10 | 15 35 57 | 25° 3'31 | 22°39 | 0♃30 | 19°13 | 23° 0 | 25°51 | 4°54 | 26°44 | 27° 7 | 8°14 | 22° 3 | 22°16 | 4°27 | 17° 4 |
| S 11 | 15 39 54 | 26° 0'57 | 4♃39 | 1°35 | 18°38 | 23°27 | 25°57 | 4°55 | 26°48 | 27° 8 | 8°15 | 21°50 | 22°12 | 4°34 | 17° 7 |
| M12 | 15 43 50 | 26°58'23 | 16°45 | 2°43 | 18° 3 | 23°54 | 26° 2 | 4°56 | 26°51 | 27°10 | 8°16 | 21°37 | 22° 9 | 4°40 | 17°10 |
| T 13 | 15 47 47 | 27°55'47 | 28°57 | 3°53 | 17°30 | 24°21 | 26° 7 | 4°57 | 26°54 | 27°11 | 8°17 | 21°27 | 22° 6 | 4°47 | 17°13 |
| W14 | 15 51 43 | 28°53'10 | 11♃18 | 5° 7 | 16°58 | 24°49 | 26°12 | 4°59 | 26°57 | 27°12 | 8°18 | 21°19 | 22° 3 | 4°54 | 17°16 |
| T 15 | 15 55 40 | 29°50'33 | 23°50 | 6°24 | 16°28 | 25°16 | 26°17 | 5° 0 | 27° 0 | 27°14 | 8°19 | 21°14 | 22° 0 | 5° 1 | 17°19 |
| F 16 | 15 59 36 | 0♃47'55 | 6♃35 | 7°43 | 16° 0 | 25°44 | 26°22 | 5° 2 | 27° 3 | 27°15 | 8°20 | 21°12 | 21°57 | 5° 7 | 17°22 |
| S 17 | 16 3 33 | 1°45'17 | 19°37 | 9° 6 | 15°33 | 26°12 | 26°27 | 5° 3 | 27° 6 | 27°16 | 8°21 | 21°D11 | 21°53 | 5°14 | 17°25 |
| S 18 | 16 7 30 | 2°42'37 | 2♃57 | 10°31 | 15° 9 | 26°40 | 26°31 | 5° 5 | 27° 9 | 27°18 | 8°22 | 21°R11 | 21°50 | 5°21 | 17°28 |
| M19 | 16 11 26 | 3°39'57 | 16°40 | 11°59 | 14°47 | 27° 9 | 26°35 | 5° 7 | 27°12 | 27°19 | 8°23 | 21°11 | 21°47 | 5°27 | 17°30 |
| T 20 | 16 15 23 | 4°37'17 | 0♃47 | 13°30 | 14°27 | 27°38 | 26°39 | 5° 9 | 27°15 | 27°21 | 8°24 | 21° 9 | 21°44 | 5°34 | 17°33 |
| W21 | 16 19 19 | 5°34'36 | 15°17 | 15° 4 | 14°10 | 28° 7 | 26°43 | 5°11 | 27°18 | 27°22 | 8°25 | 21° 4 | 21°41 | 5°41 | 17°36 |
| T 22 | 16 23 16 | 6°31'55 | 0♃6 | 16°40 | 13°55 | 28°36 | 26°47 | 5°13 | 27°21 | 27°24 | 8°25 | 20°57 | 21°37 | 5°48 | 17°39 |
| F 23 | 16 27 12 | 7°29'13 | 15° 9 | 18°20 | 13°42 | 29° 5 | 26°50 | 5°15 | 27°23 | 27°25 | 8°26 | 20°48 | 21°34 | 5°54 | 17°41 |
| S 24 | 16 31 9 | 8°26'31 | 0♃17 | 20° 1 | 13°32 | 29°35 | 26°54 | 5°17 | 27°26 | 27°27 | 8°27 | 20°38 | 21°31 | 6° 1 | 17°44 |
| S 25 | 16 35 5 | 9°23'48 | 15°18 | 21°46 | 13°24 | 0♃4 | 26°57 | 5°19 | 27°29 | 27°29 | 8°28 | 20°28 | 21°28 | 6° 8 | 17°47 |
| M26 | 16 39 2 | 10°21'05 | 0♃4 | 23°33 | 13°18 | 0°34 | 27° 0 | 5°22 | 27°32 | 27°30 | 8°29 | 20°19 | 21°25 | 6°14 | 17°49 |
| T 27 | 16 42 59 | 11°18'21 | 14°28 | 25°23 | 13°15 | 1° 4 | 27° 2 | 5°25 | 27°34 | 27°32 | 8°29 | 20°13 | 21°22 | 6°21 | 17°52 |
| W28 | 16 46 55 | 12°15'36 | 28°23 | 27°16 | 13°D15 | 1°35 | 27° 5 | 5°27 | 27°37 | 27°34 | 8°30 | 20° 9 | 21°18 | 6°28 | 17°54 |
| T 29 | 16 50 52 | 13°12'50 | 11♄51 | 29°10 | 13°16 | 2° 5 | 27° 7 | 5°30 | 27°40 | 27°35 | 8°31 | 20° 7 | 21°15 | 6°35 | 17°57 |
| F 30 | 16 54 48 | 14°10'04 | 24°51 | 1♃8 | 13°20 | 2°36 | 27°10 | 5°33 | 27°42 | 27°37 | 8°32 | 20°D 6 | 21°12 | 6°41 | 17°59 |
| S 31 | 16 58 45 | 15°II 7'17 | 7♃28 | 3♃7 | 13♃26 | 3♃6 | 27♃12 | 5♃36 | 27♃45 | 27♃39 | 8♃32 | 20♃7 | 21♃9 | 6♄48 | 18♃2 |

Delta T = 18m20s Julian Calendar 1 May 1096 == Greg. Calendar 7 May 1096

JUNE 1096 JC

00:00 UT

| Day | Sid.t | ☉ | ☽ | ♀ | ♂ | ♂ | ♄ | ♃ | ♁ | ♁ | ♁ | ♁ | ♁ | ♁ | ♁ |
|------|----------|----------|-------|-------|-------|-------|--------|------|-------|-------|------|--------|-------|-------|-------|
| S 1 | 17 2 41 | 16♄4'29 | 19♃47 | 5♄9 | 13♃34 | 3♃37 | 27♃13 | 5♃39 | 27♃48 | 27♃40 | 8♃33 | 20°R 7 | 21♃6 | 6♄55 | 18♃4 |
| M 2 | 17 6 38 | 17° 1'40 | 1♄51 | 7°12 | 13°44 | 4° 9 | 27°15 | 5°42 | 27°50 | 27°42 | 8°34 | 20♃6 | 21° 3 | 7° 1 | 18° 6 |
| T 3 | 17 10 35 | 17°58'51 | 13°47 | 9°18 | 13°57 | 4°40 | 27°16 | 5°45 | 27°53 | 27°44 | 8°34 | 20° 3 | 20°59 | 7° 8 | 18° 8 |
| W 4 | 17 14 31 | 18°56'01 | 25°39 | 11°25 | 14°11 | 5°11 | 27°18 | 5°48 | 27°55 | 27°46 | 8°35 | 19°57 | 20°56 | 7°15 | 18°11 |
| T 5 | 17 18 28 | 19°53'11 | 7♄31 | 13°33 | 14°27 | 5°43 | 27°19 | 5°52 | 27°58 | 27°48 | 8°35 | 19°49 | 20°53 | 7°22 | 18°13 |
| F 6 | 17 22 24 | 20°50'21 | 19°25 | 15°42 | 14°45 | 6°15 | 27°20 | 5°55 | 28° 0 | 27°49 | 8°36 | 19°40 | 20°50 | 7°28 | 18°15 |
| S 7 | 17 26 21 | 21°47'30 | 1♄26 | 17°53 | 15° 5 | 6°47 | 27°20 | 5°59 | 28° 2 | 27°51 | 8°37 | 19°30 | 20°47 | 7°35 | 18°17 |
| S 8 | 17 30 17 | 22°44'38 | 13°33 | 20° 3 | 15°27 | 7°19 | 27°21 | 6° 2 | 28° 5 | 27°53 | 8°37 | 19°19 | 20°43 | 7°42 | 18°19 |
| M 9 | 17 34 14 | 23°41'47 | 25°50 | 22°14 | 15°51 | 7°51 | 27°21 | 6° 6 | 28° 7 | 27°55 | 8°38 | 19° 9 | 20°40 | 7°49 | 18°21 |
| T 10 | 17 38 10 | 24°38'56 | 8♃16 | 24°25 | 16°16 | 8°23 | 27°R21 | 6°10 | 28° 9 | 27°57 | 8°38 | 19° 2 | 20°37 | 7°55 | 18°23 |
| W11 | 17 42 7 | 25°36'04 | 20°52 | 26°36 | 16°42 | 8°56 | 27°21 | 6°14 | 28°11 | 27°59 | 8°39 | 18°56 | 20°34 | 8° 2 | 18°25 |
| T 12 | 17 46 4 | 26°33'13 | 3♃39 | 28°45 | 17°11 | 9°28 | 27°21 | 6°18 | 28°14 | 28° 1 | 8°39 | 18°53 | 20°31 | 8° 9 | 18°27 |
| F 13 | 17 50 0 | 27°30'22 | 16°38 | 0♃55 | 17°41 | 10° 1 | 27°20 | 6°22 | 28°16 | 28° 3 | 8°39 | 18°D52 | 20°28 | 8°15 | 18°29 |
| S 14 | 17 53 57 | 28°27'30 | 29°50 | 3° 3 | 18°12 | 10°34 | 27°20 | 6°26 | 28°18 | 28° 5 | 8°40 | 18°52 | 20°24 | 8°22 | 18°30 |
| S 15 | 17 57 53 | 29°24'39 | 13♃17 | 5°10 | 18°44 | 11° 7 | 27°19 | 6°30 | 28°20 | 28° 7 | 8°40 | 18°53 | 20°21 | 8°29 | 18°32 |
| M16 | 18 1 50 | 0♃21'49 | 27° 1 | 7°15 | 19°18 | 11°40 | 27°18 | 6°35 | 28°22 | 28° 9 | 8°41 | 18°R54 | 20°18 | 8°36 | 18°34 |
| T 17 | 18 5 46 | 1°18'59 | 11♃2 | 9°19 | 19°54 | 12°14 | 27°16 | 6°39 | 28°24 | 28°11 | 8°41 | 18°53 | 20°15 | 8°42 | 18°35 |
| W18 | 18 9 43 | 2°16'09 | 25°19 | 11°22 | 20°30 | 12°47 | 27°15 | 6°43 | 28°26 | 28°13 | 8°41 | 18°51 | 20°12 | 8°49 | 18°37 |
| T 19 | 18 13 39 | 3°13'20 | 9♃50 | 13°23 | 21° 8 | 13°21 | 27°13 | 6°48 | 28°28 | 28°15 | 8°42 | 18°47 | 20° 9 | 8°56 | 18°38 |
| F 20 | 18 17 36 | 4°10'31 | 24°32 | 15°22 | 21°46 | 13°55 | 27°12 | 6°53 | 28°30 | 28°17 | 8°42 | 18°42 | 20° 5 | 9° 2 | 18°40 |
| S 21 | 18 21 33 | 5° 7'43 | 9♃17 | 17°19 | 22°26 | 14°29 | 27° 9 | 6°57 | 28°31 | 28°19 | 8°42 | 18°36 | 20° 2 | 9° 9 | 18°41 |
| S 22 | 18 25 29 | 6° 4'55 | 23°58 | 19°15 | 23° 7 | 15° 3 | 27° 7 | 7° 2 | 28°33 | 28°21 | 8°42 | 18°29 | 19°59 | 9°16 | 18°43 |
| M23 | 18 29 26 | 7° 2'08 | 8♃28 | 21° 9 | 23°49 | 15°37 | 27° 5 | 7° 7 | 28°35 | 28°23 | 8°43 | 18°24 | 19°56 | 9°23 | 18°44 |
| T 24 | 18 33 22 | 7°59'21 | 22°40 | 23° 1 | 24°32 | 16°11 | 27° 2 | 7°12 | 28°37 | 28°25 | 8°43 | 18°19 | 19°53 | 9°29 | 18°45 |
| W25 | 18 37 19 | 8°56'34 | 6♄29 | 24°51 | 25°15 | 16°46 | 26°59 | 7°17 | 28°38 | 28°27 | 8°43 | 18°17 | 19°50 | 9°36 | 18°46 |
| T 26 | 18 41 15 | 9°53'48 | 19°55 | 26°39 | 26° 0 | 17°20 | 26°56 | 7°22 | 28°40 | 28°30 | 8°43 | 18°D17 | 19°46 | 9°43 | 18°48 |
| F 27 | 18 45 12 | 10°51'01 | 2♃56 | 28°25 | 26°46 | 17°55 | 26°53 | 7°27 | 28°42 | 28°32 | 8°43 | 18°17 | 19°43 | 9°50 | 18°49 |
| S 28 | 18 49 8 | 11°48'15 | 15°35 | 0♄9 | 27°32 | 18°30 | 26°50 | 7°32 | 28°43 | 28°34 | 8°43 | 18°19 | 19°40 | 9°56 | 18°50 |
| S 29 | 18 53 5 | 12°45'29 | 27°56 | 1°52 | 28°19 | 19° 4 | 26°46 | 7°37 | 28°44 | 28°36 | 8°43 | 18°20 | 19°37 | 10° 3 | 18°51 |
| M30 | 18 57 2 | 13°42'44 | 10♄3 | 3♄33 | 29♃7 | 19♃40 | 26♃43 | 7♃43 | 28♃46 | 28♃38 | 8♃43 | 18°R21 | 19♃34 | 10♄10 | 18°52 |

Delta T = 18m20s Julian Calendar created from Swiss Ephemeris, Copyright Astrodiens AG [10.1.2003]

SWISS EPHEMERIS for the year 1096

JULY 1096 JC

00:00 UT

| Day | Sid.t | ☉ | ☽ | ♀ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ |
|------|----------|----------|--------|-------|-------|-------|--------|-------|--------|-------|-------|--------|-------|-------|--------|---|
| T 1 | 19 0 58 | 14☉39'58 | 22♂ 1 | 5♂11 | 29♂56 | 20♂15 | 26°R39 | 7♂48 | 28°Y47 | 28☉40 | 8°Y43 | 18°R21 | 19☉30 | 10♂16 | 18°Y53 | |
| W 2 | 19 4 55 | 15°37'13 | 3♂15.4 | 6°48 | 0♂145 | 20°50 | 26☉35 | 7°53 | 28°49 | 28°42 | 8°44 | 18☉19 | 19°27 | 10°23 | 18°53 | |
| T 3 | 19 8 51 | 16°34'29 | 15°48 | 8°23 | 1°35 | 21°25 | 26°31 | 7°59 | 28°50 | 28°45 | 8°R44 | 18°16 | 19°24 | 10°30 | 18°54 | |
| F 4 | 19 12 48 | 17°31'45 | 27°45 | 9°56 | 2°26 | 22° 1 | 26°26 | 8° 4 | 28°51 | 28°47 | 8°44 | 18°12 | 19°21 | 10°37 | 18°55 | |
| S 5 | 19 16 44 | 18°29'01 | 9♂50 | 11°28 | 3°17 | 22°36 | 26°22 | 8°10 | 28°52 | 28°49 | 8°43 | 18° 8 | 19°18 | 10°43 | 18°56 | |
| S 6 | 19 20 41 | 19°26'18 | 22° 5 | 12°57 | 4° 9 | 23°12 | 26°17 | 8°16 | 28°54 | 28°51 | 8°43 | 18° 3 | 19°15 | 10°50 | 18°56 | |
| M 7 | 19 24 38 | 20°23'36 | 4☉33 | 14°25 | 5° 2 | 23°48 | 26°12 | 8°21 | 28°55 | 28°53 | 8°43 | 17°58 | 19°11 | 10°57 | 18°57 | |
| T 8 | 19 28 34 | 21°20'54 | 17°14 | 15°50 | 5°55 | 24°24 | 26° 7 | 8°27 | 28°56 | 28°56 | 8°43 | 17°55 | 19° 8 | 11° 3 | 18°57 | |
| W 9 | 19 32 31 | 22°18'13 | 0☉ 8 | 17°14 | 6°49 | 25° 0 | 26° 2 | 8°33 | 28°57 | 28°58 | 8°43 | 17°52 | 19° 5 | 11°10 | 18°58 | |
| T 10 | 19 36 27 | 23°15'33 | 13°16 | 18°36 | 7°43 | 25°36 | 25°56 | 8°39 | 28°58 | 29° 0 | 8°43 | 17°D51 | 19° 2 | 11°17 | 18°58 | |
| F 11 | 19 40 24 | 24°12'54 | 26°37 | 19°55 | 8°38 | 26°12 | 25°51 | 8°45 | 28°59 | 29° 2 | 8°43 | 17°52 | 18°59 | 11°24 | 18°59 | |
| S 12 | 19 44 20 | 25°10'16 | 10♂10 | 21°13 | 9°33 | 26°49 | 25°45 | 8°51 | 28°59 | 29° 5 | 8°43 | 17°53 | 18°56 | 11°30 | 18°59 | |
| S 13 | 19 48 17 | 26° 7'39 | 23°54 | 22°28 | 10°29 | 27°25 | 25°40 | 8°57 | 29° 0 | 29° 7 | 8°42 | 17°54 | 18°52 | 11°37 | 18°59 | |
| M14 | 19 52 13 | 27° 5'03 | 7°Y50 | 23°42 | 11°25 | 28° 2 | 25°34 | 9° 3 | 29° 1 | 29° 9 | 8°42 | 17°55 | 18°49 | 11°44 | 18°59 | |
| T 15 | 19 56 10 | 28° 2'28 | 21°54 | 24°53 | 12°22 | 28°39 | 25°28 | 9° 9 | 29° 2 | 29°11 | 8°42 | 17°R56 | 18°46 | 11°51 | 18°59 | |
| W16 | 20 0 7 | 28°59'55 | 6♂ 6 | 26° 1 | 13°19 | 29°15 | 25°21 | 9°16 | 29° 2 | 29°13 | 8°42 | 17°56 | 18°43 | 11°57 | 18°59 | |
| T 17 | 20 4 3 | 29°57'23 | 20°24 | 27° 8 | 14°17 | 29°52 | 25°15 | 9°22 | 29° 3 | 29°16 | 8°41 | 17°55 | 18°40 | 12° 4 | 19°R 0 | |
| F 18 | 20 8 0 | 0♂54'53 | 4♂44 | 28°12 | 15°15 | 0♂29 | 25° 9 | 9°28 | 29° 4 | 29°18 | 8°41 | 17°53 | 18°36 | 12°11 | 18°59 | |
| S 19 | 20 11 56 | 1°52'24 | 19° 3 | 29°13 | 16°14 | 1° 6 | 25° 2 | 9°35 | 29° 4 | 29°20 | 8°41 | 17°52 | 18°33 | 12°17 | 18°59 | |
| S 20 | 20 15 53 | 2°49'57 | 3☉17 | 0♂11 | 17°13 | 1°44 | 24°55 | 9°41 | 29° 5 | 29°22 | 8°40 | 17°50 | 18°30 | 12°24 | 18°59 | |
| M21 | 20 19 49 | 3°47'30 | 17°21 | 1° 7 | 18°12 | 2°21 | 24°48 | 9°47 | 29° 5 | 29°25 | 8°40 | 17°48 | 18°27 | 12°31 | 18°59 | |
| T 22 | 20 23 46 | 4°45'06 | 1♂11 | 2° 0 | 19°12 | 2°58 | 24°42 | 9°54 | 29° 5 | 29°27 | 8°40 | 17°47 | 18°24 | 12°38 | 18°59 | |
| W23 | 20 27 42 | 5°42'42 | 14°44 | 2°49 | 20°12 | 3°36 | 24°35 | 10° 0 | 29° 6 | 29°29 | 8°39 | 17°D46 | 18°21 | 12°44 | 18°58 | |
| T 24 | 20 31 39 | 6°40'19 | 27°59 | 3°36 | 21°12 | 4°13 | 24°27 | 10° 7 | 29° 6 | 29°31 | 8°39 | 17°46 | 18°17 | 12°51 | 18°58 | |
| F 25 | 20 35 36 | 7°37'57 | 10♂54 | 4°19 | 22°13 | 4°51 | 24°20 | 10°14 | 29° 6 | 29°33 | 8°38 | 17°47 | 18°14 | 12°58 | 18°58 | |
| S 26 | 20 39 32 | 8°35'37 | 23°31 | 4°58 | 23°14 | 5°29 | 24°13 | 10°20 | 29° 6 | 29°36 | 8°38 | 17°48 | 18°11 | 13° 5 | 18°57 | |
| S 27 | 20 43 29 | 9°33'18 | 5♂52 | 5°33 | 24°15 | 6° 7 | 24° 6 | 10°27 | 29° 7 | 29°38 | 8°37 | 17°49 | 18° 8 | 13°11 | 18°57 | |
| M28 | 20 47 25 | 10°31'00 | 17°59 | 6° 4 | 25°17 | 6°45 | 23°58 | 10°34 | 29° 7 | 29°40 | 8°37 | 17°49 | 18° 5 | 13°18 | 18°56 | |
| T 29 | 20 51 22 | 11°28'43 | 29°58 | 6°31 | 26°19 | 7°23 | 23°51 | 10°41 | 29°R 7 | 29°42 | 8°36 | 17°50 | 18° 1 | 13°25 | 18°55 | |
| W30 | 20 55 18 | 12°26'27 | 11♂52 | 6°53 | 27°21 | 8° 1 | 23°43 | 10°47 | 29° 7 | 29°44 | 8°36 | 17°R50 | 17°58 | 13°31 | 18°55 | |
| T 31 | 20 59 15 | 13♂24'12 | 23♂46 | 7♂11 | 28♂24 | 8♂40 | 23☉35 | 10♂54 | 29°Y 7 | 29☉47 | 8°Y35 | 17☉50 | 17☉55 | 13♂38 | 18°Y54 | |

Delta T = 18m19s Julian Calendar 1 July 1096 == Greg. Calendar 7 July 1096

AUGUST 1096 JC

00:00 UT

| Day | Sid.t | ☉ | ☽ | ♀ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ |
|------|----------|----------|-------|--------|-------|-------|--------|-------|--------|-------|-------|--------|-------|-------|--------|---|
| F 1 | 21 3 11 | 14♂21'59 | 5♂44 | 7♂23 | 29♂26 | 9♂18 | 23°R28 | 11♂ 1 | 29°R 7 | 29☉49 | 8°R35 | 17°R50 | 17☉52 | 13♂45 | 18°R53 | |
| S 2 | 21 7 8 | 15°19'47 | 17°51 | 7°30 | 0☉29 | 9°57 | 23☉20 | 11° 8 | 29°Y 6 | 29°51 | 8°Y34 | 17☉49 | 17°49 | 13°52 | 18°Y52 | |
| S 3 | 21 11 5 | 16°17'36 | 0☉11 | 7°R32 | 1°33 | 10°35 | 23°12 | 11°15 | 29° 6 | 29°53 | 8°33 | 17°49 | 17°46 | 13°58 | 18°51 | |
| M 4 | 21 15 1 | 17°15'26 | 12°46 | 7°28 | 2°37 | 11°14 | 23° 4 | 11°22 | 29° 6 | 29°55 | 8°33 | 17°49 | 17°42 | 14° 5 | 18°51 | |
| T 5 | 21 18 58 | 18°13'18 | 25°39 | 7°18 | 3°40 | 11°53 | 22°57 | 11°29 | 29° 6 | 29°57 | 8°32 | 17°D49 | 17°39 | 14°12 | 18°49 | |
| W 6 | 21 22 54 | 19°11'11 | 8☉51 | 7° 3 | 4°45 | 12°31 | 22°49 | 11°36 | 29° 5 | 0♂ 0 | 8°31 | 17°49 | 17°36 | 14°18 | 18°48 | |
| T 7 | 21 26 51 | 20° 9'06 | 22°20 | 6°41 | 5°49 | 13°10 | 22°41 | 11°43 | 29° 5 | 0° 2 | 8°31 | 17°R49 | 17°33 | 14°25 | 18°47 | |
| F 8 | 21 30 47 | 21° 7'02 | 6♂ 7 | 6°13 | 6°54 | 13°49 | 22°33 | 11°50 | 29° 4 | 0° 4 | 8°30 | 17°49 | 17°30 | 14°32 | 18°46 | |
| S 9 | 21 34 44 | 22° 5'00 | 20° 7 | 5°40 | 7°59 | 14°29 | 22°25 | 11°57 | 29° 4 | 0° 6 | 8°29 | 17°49 | 17°27 | 14°39 | 18°45 | |
| S 10 | 21 38 40 | 23° 3'00 | 4°Y17 | 5° 1 | 9° 4 | 15° 8 | 22°17 | 12° 5 | 29° 3 | 0° 8 | 8°28 | 17°48 | 17°23 | 14°45 | 18°44 | |
| M11 | 21 42 37 | 24° 1'02 | 18°34 | 4°16 | 10° 9 | 15°47 | 22° 9 | 12°12 | 29° 3 | 0°10 | 8°28 | 17°48 | 17°20 | 14°52 | 18°42 | |
| T 12 | 21 46 34 | 24°59'05 | 2♂53 | 3°28 | 11°15 | 16°26 | 22° 1 | 12°19 | 29° 2 | 0°12 | 8°27 | 17°47 | 17°17 | 14°59 | 18°41 | |
| W13 | 21 50 30 | 25°57'11 | 17°11 | 2°35 | 12°20 | 17° 6 | 21°53 | 12°26 | 29° 1 | 0°14 | 8°26 | 17°47 | 17°14 | 15° 6 | 18°40 | |
| T 14 | 21 54 27 | 26°55'19 | 1♂24 | 1°39 | 13°26 | 17°45 | 21°45 | 12°33 | 29° 0 | 0°16 | 8°25 | 17°D46 | 17°11 | 15°12 | 18°38 | |
| F 15 | 21 58 23 | 27°53'29 | 15°31 | 0°42 | 14°33 | 18°25 | 21°38 | 12°41 | 29° 0 | 0°18 | 8°24 | 17°47 | 17° 7 | 15°19 | 18°37 | |
| S 16 | 22 2 20 | 28°51'41 | 29°29 | 29♂43 | 15°39 | 19° 5 | 21°30 | 12°48 | 28°59 | 0°20 | 8°24 | 17°48 | 17° 4 | 15°26 | 18°35 | |
| S 17 | 22 6 16 | 29°49'55 | 13☉17 | 28°45 | 16°46 | 19°45 | 21°22 | 12°55 | 28°58 | 0°22 | 8°23 | 17°49 | 17° 1 | 15°32 | 18°33 | |
| M18 | 22 10 13 | 0♂48'11 | 26°53 | 27°49 | 17°53 | 20°25 | 21°14 | 13° 3 | 28°57 | 0°24 | 8°22 | 17°50 | 16°58 | 15°39 | 18°32 | |
| T 19 | 22 14 9 | 1°46'29 | 10♂17 | 26°56 | 19° 0 | 21° 5 | 21° 7 | 13°10 | 28°56 | 0°26 | 8°21 | 17°50 | 16°55 | 15°46 | 18°30 | |
| W20 | 22 18 6 | 2°44'49 | 23°28 | 26° 7 | 20° 7 | 21°45 | 20°59 | 13°17 | 28°55 | 0°28 | 8°20 | 17°R50 | 16°52 | 15°53 | 18°28 | |
| T 21 | 22 22 3 | 3°43'10 | 6♂25 | 25°23 | 21°14 | 22°25 | 20°52 | 13°25 | 28°54 | 0°30 | 8°19 | 17°49 | 16°48 | 15°59 | 18°27 | |
| F 22 | 22 25 59 | 4°41'34 | 19° 7 | 24°46 | 22°22 | 23° 5 | 20°44 | 13°32 | 28°53 | 0°32 | 8°18 | 17°48 | 16°45 | 16° 6 | 18°25 | |
| S 23 | 22 29 56 | 5°39'59 | 1♂36 | 24°17 | 23°30 | 23°46 | 20°37 | 13°39 | 28°52 | 0°34 | 8°17 | 17°45 | 16°42 | 16°13 | 18°23 | |
| S 24 | 22 33 52 | 6°38'26 | 13°52 | 23°56 | 24°37 | 24°26 | 20°29 | 13°47 | 28°50 | 0°36 | 8°16 | 17°43 | 16°39 | 16°20 | 18°21 | |
| M25 | 22 37 49 | 7°36'55 | 25°58 | 23°44 | 25°45 | 25° 7 | 20°22 | 13°54 | 28°49 | 0°38 | 8°15 | 17°40 | 16°36 | 16°26 | 18°19 | |
| T 26 | 22 41 45 | 8°35'26 | 7♂55 | 23°D41 | 26°54 | 25°47 | 20°15 | 14° 2 | 28°48 | 0°40 | 8°15 | 17°37 | 16°33 | 16°33 | 18°17 | |
| W27 | 22 45 42 | 9°33'58 | 19°48 | 23°47 | 28° 2 | 26°28 | 20° 8 | 14° 9 | 28°47 | 0°41 | 8°14 | 17°34 | 16°29 | 16°40 | 18°15 | |
| T 28 | 22 49 38 | 10°32'32 | 1♂41 | 24° 3 | 29°11 | 27° 9 | 20° 1 | 14°16 | 28°45 | 0°43 | 8°13 | 17°33 | 16°26 | 16°46 | 18°13 | |
| F 29 | 22 53 35 | 11°31'08 | 13°38 | 24°28 | 0♂19 | 27°50 | 19°54 | 14°24 | 28°44 | 0°45 | 8°12 | 17°D33 | 16°23 | 16°53 | 18°11 | |
| S 30 | 22 57 32 | 12°29'46 | 25°43 | 25° 2 | 1°28 | 28°31 | 19°47 | 14°31 | 28°42 | 0°47 | 8°11 | 17°33 | 16°20 | 17° 0 | 18° 8 | |
| S 31 | 23 1 28 | 13♂28'25 | 8☉ 2 | 25♂45 | 2♂37 | 29♂12 | 19☉41 | 14♂39 | 28°Y41 | 0♂49 | 8°Y 9 | 17☉35 | 16☉17 | 17♂ 7 | 18°Y 6 | |

Delta T = 18m19s Julian Calendar created from Swiss Ephemeris, Copyright Astrodiens AG [10.1.2003]

SWISS EPHEMERIS for the year 1096

SEPTEMBER 1096 JC

00:00 UT

| Day | Sid.t | ☉ | ☽ | ♀ | ♁ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ♈ | ♉ | ♊ | ♋ | ♌ | ♍ | ♎ | ♏ | ♐ | ♑ | ♒ | ♓ |
|------|----------|-----------------------|--------------------|--------------------|-------------------|--------------------|--------------------|--------------------|--------|-------------------|-------|--------------------|--------------------|--------------------|--------|---|---|---|---|---|---|---|---|
| M 1 | 23 5 25 | 14 ^h 27'06 | 20 ^h 38 | 26 ^h 36 | 3 ^h 46 | 29 ^h 53 | 19°R34 | 14 ^h 46 | 28°R39 | 0 ^h 50 | 8°R 8 | 17 ^h 36 | 16 ^h 13 | 17 ^h 13 | 18°R 4 | | | | | | | | |
| T 2 | 23 9 21 | 15°25'49 | 3 ^h 36 | 27°35 | 4°56 | 0 ^h 34 | 19 ^h 28 | 14°54 | 28°Y38 | 0°52 | 8°Y 7 | 17°38 | 16°10 | 17°20 | 18°Y 2 | | | | | | | | |
| W 3 | 23 13 18 | 16°24'34 | 16°57 | 28°41 | 6° 5 | 1°15 | 19°22 | 15° 1 | 28°36 | 0°54 | 8° 6 | 17°R39 | 16° 7 | 17°27 | 17°59 | | | | | | | | |
| T 4 | 23 17 14 | 17°23'20 | 0 ^h 43 | 29°54 | 7°15 | 1°57 | 19°15 | 15° 8 | 28°34 | 0°55 | 8° 5 | 17°38 | 16° 4 | 17°33 | 17°57 | | | | | | | | |
| F 5 | 23 21 11 | 18°22'09 | 14°51 | 1 ^h 13 | 8°24 | 2°38 | 19° 9 | 15°16 | 28°33 | 0°57 | 8° 4 | 17°36 | 16° 1 | 17°40 | 17°55 | | | | | | | | |
| S 6 | 23 25 7 | 19°20'59 | 29°17 | 2°36 | 9°34 | 3°20 | 19° 4 | 15°23 | 28°31 | 0°59 | 8° 3 | 17°32 | 15°58 | 17°47 | 17°52 | | | | | | | | |
| S 7 | 23 29 4 | 20°19'52 | 13°Y56 | 4° 5 | 10°44 | 4° 1 | 18°58 | 15°31 | 28°29 | 1° 0 | 8° 2 | 17°28 | 15°54 | 17°54 | 17°50 | | | | | | | | |
| M 8 | 23 33 0 | 21°18'46 | 28°41 | 5°37 | 11°54 | 4°43 | 18°52 | 15°38 | 28°27 | 1° 2 | 8° 1 | 17°23 | 15°51 | 18° 0 | 17°47 | | | | | | | | |
| T 9 | 23 36 57 | 22°17'43 | 13°Z23 | 7°12 | 13° 5 | 5°25 | 18°47 | 15°45 | 28°26 | 1° 3 | 8° 0 | 17°18 | 15°48 | 18° 7 | 17°45 | | | | | | | | |
| W10 | 23 40 54 | 23°16'43 | 27°57 | 8°51 | 14°15 | 6° 6 | 18°42 | 15°53 | 28°24 | 1° 5 | 7°59 | 17°14 | 15°45 | 18°14 | 17°42 | | | | | | | | |
| T 11 | 23 44 50 | 24°15'44 | 12°II18 | 10°31 | 15°26 | 6°48 | 18°37 | 16° 0 | 28°22 | 1° 6 | 7°58 | 17°12 | 15°42 | 18°21 | 17°40 | | | | | | | | |
| F 12 | 23 48 47 | 25°14'49 | 26°22 | 12°14 | 16°36 | 7°30 | 18°32 | 16° 8 | 28°20 | 1° 8 | 7°57 | 17°D12 | 15°39 | 18°27 | 17°37 | | | | | | | | |
| S 13 | 23 52 43 | 26°13'55 | 10°E 9 | 13°58 | 17°47 | 8°12 | 18°27 | 16°15 | 28°18 | 1° 9 | 7°55 | 17°12 | 15°35 | 18°34 | 17°35 | | | | | | | | |
| S 14 | 23 56 40 | 27°13'04 | 23°39 | 15°42 | 18°58 | 8°55 | 18°22 | 16°22 | 28°16 | 1°11 | 7°54 | 17°14 | 15°32 | 18°41 | 17°32 | | | | | | | | |
| M15 | 0 0 36 | 28°12'15 | 6 ^h 54 | 17°28 | 20° 9 | 9°37 | 18°18 | 16°30 | 28°14 | 1°12 | 7°53 | 17°15 | 15°29 | 18°47 | 17°29 | | | | | | | | |
| T 16 | 0 4 33 | 29°11'29 | 19°55 | 19°14 | 21°20 | 10°19 | 18°14 | 16°37 | 28°12 | 1°13 | 7°52 | 17°R15 | 15°26 | 18°54 | 17°27 | | | | | | | | |
| W17 | 0 8 30 | 0 ^h 10'44 | 2 ^h 44 | 21° 1 | 22°31 | 11° 1 | 18°10 | 16°44 | 28°10 | 1°15 | 7°51 | 17°14 | 15°23 | 19° 1 | 17°24 | | | | | | | | |
| T 18 | 0 12 26 | 1°10'02 | 15°21 | 22°47 | 23°43 | 11°44 | 18° 6 | 16°52 | 28° 8 | 1°16 | 7°50 | 17°11 | 15°19 | 19° 8 | 17°21 | | | | | | | | |
| F 19 | 0 16 23 | 2° 9'22 | 27°48 | 24°34 | 24°54 | 12°26 | 18° 2 | 16°59 | 28° 5 | 1°17 | 7°49 | 17° 5 | 15°16 | 19°14 | 17°19 | | | | | | | | |
| S 20 | 0 20 19 | 3° 8'44 | 10°E 5 | 26°20 | 26° 6 | 13° 9 | 17°59 | 17° 6 | 28° 3 | 1°19 | 7°47 | 16°58 | 15°13 | 19°21 | 17°16 | | | | | | | | |
| S 21 | 0 24 16 | 4° 8'09 | 22°14 | 28° 6 | 27°17 | 13°52 | 17°55 | 17°13 | 28° 1 | 1°20 | 7°46 | 16°49 | 15°10 | 19°28 | 17°13 | | | | | | | | |
| M22 | 0 28 12 | 5° 7'35 | 4 ^h 14 | 29°51 | 28°29 | 14°35 | 17°52 | 17°21 | 27°59 | 1°21 | 7°45 | 16°40 | 15° 7 | 19°35 | 17°10 | | | | | | | | |
| T 23 | 0 32 9 | 6° 7'03 | 16° 9 | 1 ^h 36 | 29°41 | 15°17 | 17°49 | 17°28 | 27°57 | 1°22 | 7°44 | 16°30 | 15° 4 | 19°41 | 17° 7 | | | | | | | | |
| W24 | 0 36 5 | 7° 6'33 | 28° 1 | 3°21 | 0 ^h 53 | 16° 0 | 17°47 | 17°35 | 27°54 | 1°23 | 7°43 | 16°22 | 15° 0 | 19°48 | 17° 5 | | | | | | | | |
| T 25 | 0 40 2 | 8° 6'05 | 9°Z51 | 5° 5 | 2° 5 | 16°43 | 17°44 | 17°42 | 27°52 | 1°25 | 7°42 | 16°16 | 14°57 | 19°55 | 17° 2 | | | | | | | | |
| F 26 | 0 43 58 | 9° 5'39 | 21°45 | 6°48 | 3°17 | 17°26 | 17°42 | 17°49 | 27°50 | 1°26 | 7°40 | 16°12 | 14°54 | 20° 1 | 16°59 | | | | | | | | |
| S 27 | 0 47 55 | 10° 5'15 | 3°Z47 | 8°31 | 4°29 | 18° 9 | 17°39 | 17°56 | 27°48 | 1°27 | 7°39 | 16°11 | 14°51 | 20° 8 | 16°56 | | | | | | | | |
| S 28 | 0 51 52 | 11° 4'53 | 16° 1 | 10°13 | 5°42 | 18°53 | 17°38 | 18° 3 | 27°45 | 1°28 | 7°38 | 16°D10 | 14°48 | 20°15 | 16°53 | | | | | | | | |
| M29 | 0 55 48 | 12° 4'32 | 28°33 | 11°55 | 6°54 | 19°36 | 17°36 | 18°10 | 27°43 | 1°29 | 7°37 | 16°11 | 14°44 | 20°22 | 16°50 | | | | | | | | |
| T 30 | 0 59 45 | 13° 4'13 | 11°E28 | 13°E36 | 8 ^h 7 | 20°M19 | 17°E34 | 18°M17 | 27°Y40 | 1°30 | 7°Y36 | 16°R12 | 14°E41 | 20°M28 | 16°Y48 | | | | | | | | |

Delta T = 18m18s

Julian Calendar 1 Sept. 1096 == Greg. Calendar 7 Sept. 1096

OCTOBER 1096 JC

00:00 UT

| Day | Sid.t | ☉ | ☽ | ♀ | ♁ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ♈ | ♉ | ♊ | ♋ | ♌ | ♍ | ♎ | ♏ | ♐ | ♑ | ♒ | ♓ |
|------|---------|---------------------|-------------------|-------------------|--------|--------|--------|--------|--------|-------|-------|--------|--------|--------|--------|---|---|---|---|---|---|---|---|
| W 1 | 1 3 41 | 14°E 3'56 | 24°E48 | 15°E16 | 9°M19 | 21°M 3 | 17°R33 | 18°M24 | 27°R38 | 1°Q31 | 7°R35 | 16°R12 | 14°E38 | 20°M35 | 16°R45 | | | | | | | | |
| T 2 | 1 7 38 | 15° 3'40 | 8°X38 | 16°56 | 10°32 | 21°46 | 17°E32 | 18°31 | 27°Y36 | 1°32 | 7°Y34 | 16°E10 | 14°35 | 20°42 | 16°Y42 | | | | | | | | |
| F 3 | 1 11 34 | 16° 3'26 | 22°55 | 18°35 | 11°45 | 22°30 | 17°31 | 18°38 | 27°33 | 1°32 | 7°32 | 16° 5 | 14°32 | 20°48 | 16°39 | | | | | | | | |
| S 4 | 1 15 31 | 17° 3'14 | 7°Y37 | 20°13 | 12°57 | 23°13 | 17°30 | 18°45 | 27°31 | 1°33 | 7°31 | 15°58 | 14°29 | 20°55 | 16°36 | | | | | | | | |
| S 5 | 1 19 27 | 18° 3'05 | 22°38 | 21°51 | 14°10 | 23°57 | 17°30 | 18°52 | 27°28 | 1°34 | 7°30 | 15°49 | 14°25 | 21° 2 | 16°33 | | | | | | | | |
| M 6 | 1 23 24 | 19° 2'57 | 7°Z47 | 23°28 | 15°23 | 24°41 | 17°29 | 18°59 | 27°26 | 1°35 | 7°29 | 15°39 | 14°22 | 21° 9 | 16°30 | | | | | | | | |
| T 7 | 1 27 21 | 20° 2'51 | 22°55 | 25° 5 | 16°36 | 25°25 | 17°D29 | 19° 5 | 27°24 | 1°36 | 7°28 | 15°30 | 14°19 | 21°15 | 16°27 | | | | | | | | |
| W 8 | 1 31 17 | 21° 2'48 | 7°II51 | 26°41 | 17°50 | 26° 9 | 17°29 | 19°12 | 27°21 | 1°36 | 7°27 | 15°22 | 14°16 | 21°22 | 16°25 | | | | | | | | |
| T 9 | 1 35 14 | 22° 2'46 | 22°27 | 28°17 | 19° 3 | 26°52 | 17°29 | 19°19 | 27°19 | 1°37 | 7°26 | 15°16 | 14°13 | 21°29 | 16°22 | | | | | | | | |
| F 10 | 1 39 10 | 23° 2'47 | 6°E41 | 29°52 | 20°16 | 27°37 | 17°30 | 19°25 | 27°16 | 1°38 | 7°25 | 15°13 | 14°10 | 21°36 | 16°19 | | | | | | | | |
| S 11 | 1 43 7 | 24° 2'50 | 20°30 | 1 ^h 27 | 21°29 | 28°21 | 17°31 | 19°32 | 27°14 | 1°38 | 7°23 | 15°D12 | 14° 6 | 21°42 | 16°16 | | | | | | | | |
| S 12 | 1 47 3 | 25° 2'56 | 3°Q55 | 3° 1 | 22°43 | 29° 5 | 17°31 | 19°38 | 27°11 | 1°39 | 7°22 | 15°12 | 14° 3 | 21°49 | 16°13 | | | | | | | | |
| M13 | 1 51 0 | 26° 3'03 | 16°59 | 4°35 | 23°56 | 29°49 | 17°32 | 19°45 | 27° 9 | 1°39 | 7°21 | 15°R12 | 14° 0 | 21°56 | 16°10 | | | | | | | | |
| T 14 | 1 54 56 | 27° 3'13 | 29°46 | 6° 9 | 25°10 | 0°Z33 | 17°34 | 19°51 | 27° 6 | 1°40 | 7°20 | 15°11 | 13°57 | 22° 2 | 16° 8 | | | | | | | | |
| W15 | 1 58 53 | 28° 3'24 | 12°M18 | 7°42 | 26°24 | 1°18 | 17°35 | 19°58 | 27° 4 | 1°40 | 7°19 | 15° 8 | 13°54 | 22° 9 | 16° 5 | | | | | | | | |
| T 16 | 2 2 50 | 29° 3'38 | 24°40 | 9°14 | 27°37 | 2° 2 | 17°37 | 20° 4 | 27° 1 | 1°41 | 7°18 | 15° 2 | 13°50 | 22°16 | 16° 2 | | | | | | | | |
| F 17 | 2 6 46 | 0 ^h 3'54 | 6°E52 | 10°47 | 28°51 | 2°47 | 17°39 | 20°10 | 26°59 | 1°41 | 7°17 | 14°53 | 13°47 | 22°23 | 15°59 | | | | | | | | |
| S 18 | 2 10 43 | 1° 4'11 | 18°58 | 12°19 | 0°E 5 | 3°31 | 17°41 | 20°17 | 26°56 | 1°42 | 7°16 | 14°42 | 13°44 | 22°29 | 15°56 | | | | | | | | |
| S 19 | 2 14 39 | 2° 4'31 | 0 ^h 58 | 13°50 | 1°19 | 4°16 | 17°43 | 20°23 | 26°54 | 1°42 | 7°15 | 14°28 | 13°41 | 22°36 | 15°54 | | | | | | | | |
| M20 | 2 18 36 | 3° 4'52 | 12°54 | 15°21 | 2°33 | 5° 0 | 17°46 | 20°29 | 26°51 | 1°42 | 7°14 | 14°13 | 13°38 | 22°43 | 15°51 | | | | | | | | |
| T 21 | 2 22 32 | 4° 5'15 | 24°46 | 16°52 | 3°47 | 5°45 | 17°48 | 20°35 | 26°49 | 1°42 | 7°13 | 13°59 | 13°35 | 22°49 | 15°48 | | | | | | | | |
| W22 | 2 26 29 | 5° 5'39 | 6°Z37 | 18°22 | 5° 1 | 6°30 | 17°51 | 20°41 | 26°46 | 1°43 | 7°12 | 13°46 | 13°31 | 22°56 | 15°46 | | | | | | | | |
| T 23 | 2 30 25 | 6° 6'06 | 18°28 | 19°52 | 6°15 | 7°15 | 17°54 | 20°47 | 26°44 | 1°43 | 7°11 | 13°35 | 13°28 | 23° 3 | 15°43 | | | | | | | | |
| F 24 | 2 34 22 | 7° 6'33 | 0°Z22 | 21°22 | 7°29 | 8° 0 | 17°58 | 20°53 | 26°42 | 1°43 | 7°10 | 13°28 | 13°25 | 23°10 | 15°40 | | | | | | | | |
| S 25 | 2 38 19 | 8° 7'03 | 12°23 | 22°51 | 8°43 | 8°45 | 18° 1 | 20°59 | 26°39 | 1°43 | 7° 9 | 13°23 | 13°22 | 23°16 | 15°38 | | | | | | | | |
| S 26 | 2 42 15 | 9° 7'33 | 24°34 | 24°20 | 9°58 | 9°30 | 18° 5 | 21° 5 | 26°37 | 1°43 | 7° 8 | 13°21 | 13°19 | 23°23 | 15°35 | | | | | | | | |
| M27 | 2 46 12 | 10° 8'05 | 7°E 1 | 25°48 | 11°12 | 10°15 | 18° 9 | 21°10 | 26°34 | 1°43 | 7° 7 | 13°20 | 13°16 | 23°30 | 15°32 | | | | | | | | |
| T 28 | 2 50 8 | 11° 8'38 | 19°48 | 27°16 | 12°26 | 11° 0 | 18°13 | 21°16 | 26°32 | 1°R43 | 7° 6 | 13°20 | 13°12 | 23°37 | 15°30 | | | | | | | | |
| W29 | 2 54 5 | 12° 9'13 | 3°X 1 | 28°43 | 13°41 | 11°45 | 18°17 | 21°22 | 26°30 | 1°43 | 7° 5 | 13°19 | 13° 9 | 23°43 | 15°27 | | | | | | | | |
| T 30 | 2 58 1 | 13° 9'48 | 16°43 | 0°Z10 | 14°55 | 12°31 | 18°21 | 21°27 | 26°27 | 1°43 | 7° 4 | 13°17 | 13° 6 | 23°50 | 15°25 | | | | | | | | |
| F 31 | 3 1 58 | 14°M10'25 | 0°Y55 | 1°Z36 | 16°E 9 | 13°Z16 | 18°E26 | 21°M33 | 26°Y25 | 1°Q43 | 7°Y 3 | 13°E11 | 13°E 3 | 23°M57 | 15°Y23 | | | | | | | | |

Delta T = 18m18s

Julian Calendar

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SWISS EPHEMERIS for the year 1096

NOVEMBER 1096 JC

00:00 UT

| Day | Sid.t | ☉ | ☽ | ♀ | ♁ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ♈ | ♉ | ♊ | ♋ | ♌ |
|------|---------|----------|-------|--------|-------|-------|-------|-------|--------|-------|-------|--------|-------|-------|--------|---|
| S 1 | 3 5 54 | 15♐11'03 | 15♏36 | 3♌2 | 17♎24 | 14♌1 | 18♏31 | 21♏38 | 26°R23 | 1°R43 | 7°R 2 | 13°R 3 | 13♎0 | 24♐3 | 15°R20 | |
| S 2 | 3 9 51 | 16°11'42 | 0♉40 | 4°27 | 18°38 | 14°47 | 18°36 | 21°43 | 26°V20 | 1♉43 | 7°V 2 | 12♎53 | 12°56 | 24°10 | 15°V18 | |
| M 3 | 3 13 48 | 17°12'23 | 16° 0 | 5°51 | 19°53 | 15°32 | 18°41 | 21°49 | 26°18 | 1°43 | 7° 1 | 12°41 | 12°53 | 24°17 | 15°15 | |
| T 4 | 3 17 44 | 18°13'05 | 1♐22 | 7°14 | 21° 7 | 16°18 | 18°46 | 21°54 | 26°16 | 1°43 | 7° 0 | 12°30 | 12°50 | 24°24 | 15°13 | |
| W 5 | 3 21 41 | 19°13'49 | 16°35 | 8°36 | 22°22 | 17° 3 | 18°52 | 21°59 | 26°14 | 1°42 | 6°59 | 12°20 | 12°47 | 24°30 | 15°11 | |
| T 6 | 3 25 37 | 20°14'34 | 1♌30 | 9°56 | 23°37 | 17°49 | 18°57 | 22° 4 | 26°11 | 1°42 | 6°58 | 12°13 | 12°44 | 24°37 | 15° 9 | |
| F 7 | 3 29 34 | 21°15'21 | 15°58 | 11°16 | 24°52 | 18°35 | 19° 3 | 22° 9 | 26° 9 | 1°42 | 6°58 | 12° 8 | 12°41 | 24°44 | 15° 6 | |
| S 8 | 3 33 30 | 22°16'09 | 29°58 | 12°33 | 26° 6 | 19°20 | 19° 9 | 22°14 | 26° 7 | 1°42 | 6°57 | 12° 6 | 12°37 | 24°50 | 15° 4 | |
| S 9 | 3 37 27 | 23°16'59 | 13♏29 | 13°49 | 27°21 | 20° 6 | 19°15 | 22°19 | 26° 5 | 1°41 | 6°56 | 12°D 6 | 12°34 | 24°57 | 15° 2 | |
| M10 | 3 41 23 | 24°17'50 | 26°35 | 15° 3 | 28°36 | 20°52 | 19°22 | 22°23 | 26° 3 | 1°41 | 6°55 | 12°R 6 | 12°31 | 25° 4 | 15° 0 | |
| T 11 | 3 45 20 | 25°18'43 | 9♏19 | 16°15 | 29°51 | 21°38 | 19°28 | 22°28 | 26° 1 | 1°40 | 6°55 | 12° 5 | 12°28 | 25°11 | 14°58 | |
| W12 | 3 49 17 | 26°19'37 | 21°45 | 17°23 | 1♐6 | 22°24 | 19°35 | 22°33 | 25°59 | 1°40 | 6°54 | 12° 2 | 12°25 | 25°17 | 14°56 | |
| T 13 | 3 53 13 | 27°20'33 | 3♌58 | 18°29 | 2°20 | 23°10 | 19°42 | 22°37 | 25°57 | 1°39 | 6°53 | 11°57 | 12°22 | 25°24 | 14°54 | |
| F 14 | 3 57 10 | 28°21'29 | 16° 2 | 19°31 | 3°35 | 23°56 | 19°49 | 22°42 | 25°55 | 1°39 | 6°52 | 11°49 | 12°18 | 25°31 | 14°52 | |
| S 15 | 4 1 6 | 29°22'27 | 27°59 | 20°28 | 4°50 | 24°42 | 19°56 | 22°46 | 25°53 | 1°38 | 6°52 | 11°38 | 12°15 | 25°38 | 14°50 | |
| S 16 | 4 5 3 | 0♌23'27 | 9♐53 | 21°21 | 6° 5 | 25°28 | 20° 3 | 22°50 | 25°51 | 1°38 | 6°51 | 11°25 | 12°12 | 25°44 | 14°49 | |
| M17 | 4 8 59 | 1°24'27 | 21°45 | 22° 8 | 7°20 | 26°14 | 20°11 | 22°54 | 25°49 | 1°37 | 6°51 | 11°11 | 12° 9 | 25°51 | 14°47 | |
| T 18 | 4 12 56 | 2°25'28 | 3♌37 | 22°50 | 8°35 | 27° 1 | 20°19 | 22°58 | 25°47 | 1°36 | 6°50 | 10°57 | 12° 6 | 25°58 | 14°45 | |
| W19 | 4 16 52 | 3°26'31 | 15°30 | 23°24 | 9°50 | 27°47 | 20°26 | 23° 2 | 25°45 | 1°36 | 6°49 | 10°44 | 12° 2 | 26° 4 | 14°43 | |
| T 20 | 4 20 49 | 4°27'34 | 27°25 | 23°50 | 11° 5 | 28°33 | 20°34 | 23° 6 | 25°43 | 1°35 | 6°49 | 10°34 | 11°59 | 26°11 | 14°42 | |
| F 21 | 4 24 46 | 5°28'38 | 9♌25 | 24° 8 | 12°20 | 29°20 | 20°43 | 23°10 | 25°42 | 1°34 | 6°48 | 10°27 | 11°56 | 26°18 | 14°40 | |
| S 22 | 4 28 42 | 6°29'43 | 21°30 | 24°R16 | 13°35 | 0♌6 | 20°51 | 23°14 | 25°40 | 1°33 | 6°48 | 10°22 | 11°53 | 26°25 | 14°39 | |
| S 23 | 4 32 39 | 7°30'48 | 3♎45 | 24°14 | 14°51 | 0°52 | 20°59 | 23°17 | 25°38 | 1°33 | 6°47 | 10°20 | 11°50 | 26°31 | 14°37 | |
| M24 | 4 36 35 | 8°31'53 | 16°14 | 24° 1 | 16° 6 | 1°39 | 21° 8 | 23°21 | 25°37 | 1°32 | 6°47 | 10°D20 | 11°47 | 26°38 | 14°36 | |
| T 25 | 4 40 32 | 9°33'00 | 28°59 | 23°36 | 17°21 | 2°25 | 21°16 | 23°24 | 25°35 | 1°31 | 6°46 | 10°21 | 11°43 | 26°45 | 14°34 | |
| W26 | 4 44 28 | 10°34'06 | 12♌5 | 23° 0 | 18°36 | 3°12 | 21°25 | 23°28 | 25°33 | 1°30 | 6°46 | 10°R21 | 11°40 | 26°51 | 14°33 | |
| T 27 | 4 48 25 | 11°35'13 | 25°37 | 22°12 | 19°51 | 3°59 | 21°34 | 23°31 | 25°32 | 1°29 | 6°46 | 10°20 | 11°37 | 26°58 | 14°32 | |
| F 28 | 4 52 21 | 12°36'20 | 9♏36 | 21°14 | 21° 6 | 4°45 | 21°43 | 23°34 | 25°31 | 1°28 | 6°45 | 10°17 | 11°34 | 27° 5 | 14°31 | |
| S 29 | 4 56 18 | 13°37'27 | 24° 2 | 20° 7 | 22°21 | 5°32 | 21°53 | 23°37 | 25°29 | 1°27 | 6°45 | 10°12 | 11°31 | 27°12 | 14°29 | |
| S 30 | 5 0 15 | 14♌38'35 | 8♌53 | 18♌52 | 23♐36 | 6♌19 | 22♎2 | 23♏40 | 25°V28 | 1♉26 | 6°V45 | 10♎4 | 11♎27 | 27♐18 | 14°V28 | |

Delta T = 18m18s Julian Calendar 1 Nov. 1096 == Greg. Calendar 7 Nov. 1096

DECEMBER 1096 JC

00:00 UT

| Day | Sid.t | ☉ | ☽ | ♀ | ♁ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ♈ | ♉ | ♊ | ♋ | ♌ |
|------|---------|----------|-------|--------|-------|-------|-------|--------|--------|-------|-------|-------|-------|-------|--------|---|
| M 1 | 5 4 11 | 15♏39'43 | 24♌1 | 17°R32 | 24♐52 | 7♌5 | 22♎12 | 23♏43 | 25°R26 | 1°R25 | 6°R44 | 9°R56 | 11♎24 | 27♐25 | 14°R27 | |
| T 2 | 5 8 8 | 16°40'51 | 9♐18 | 16♌9 | 26° 7 | 7°52 | 22°21 | 23°46 | 25°V25 | 1♉24 | 6°V44 | 9°V47 | 11°21 | 27°32 | 14°V26 | |
| W 3 | 5 12 4 | 17°42'00 | 24°32 | 14°47 | 27°22 | 8°39 | 22°31 | 23°49 | 25°24 | 1°23 | 6°44 | 9°40 | 11°18 | 27°38 | 14°25 | |
| T 4 | 5 16 1 | 18°43'09 | 9♌33 | 13°28 | 28°37 | 9°26 | 22°41 | 23°51 | 25°23 | 1°22 | 6°43 | 9°34 | 11°15 | 27°45 | 14°24 | |
| F 5 | 5 19 57 | 19°44'19 | 24°12 | 12°14 | 29°52 | 10°13 | 22°51 | 23°54 | 25°21 | 1°21 | 6°43 | 9°31 | 11°12 | 27°52 | 14°24 | |
| S 6 | 5 23 54 | 20°45'29 | 8♏23 | 11° 8 | 1♌8 | 10°59 | 23° 1 | 23°56 | 25°20 | 1°19 | 6°43 | 9°D30 | 11° 8 | 27°59 | 14°23 | |
| S 7 | 5 27 51 | 21°46'39 | 22° 6 | 10°11 | 2°23 | 11°46 | 23°11 | 23°58 | 25°19 | 1°18 | 6°43 | 9°30 | 11° 5 | 28° 5 | 14°22 | |
| M 8 | 5 31 47 | 22°47'50 | 5♏20 | 9°24 | 3°38 | 12°33 | 23°22 | 24° 0 | 25°18 | 1°17 | 6°43 | 9°31 | 11° 2 | 28°12 | 14°21 | |
| T 9 | 5 35 44 | 23°49'01 | 18°10 | 8°47 | 4°53 | 13°20 | 23°32 | 24° 3 | 25°17 | 1°16 | 6°42 | 9°R33 | 10°59 | 28°19 | 14°21 | |
| W10 | 5 39 40 | 24°50'13 | 0♌39 | 8°21 | 6° 9 | 14° 7 | 23°43 | 24° 5 | 25°16 | 1°14 | 6°42 | 9°33 | 10°56 | 28°25 | 14°20 | |
| T 11 | 5 43 37 | 25°51'25 | 12°51 | 8° 5 | 7°24 | 14°54 | 23°53 | 24° 6 | 25°15 | 1°13 | 6°42 | 9°31 | 10°53 | 28°32 | 14°20 | |
| F 12 | 5 47 33 | 26°52'38 | 24°53 | 7°D59 | 8°39 | 15°41 | 24° 4 | 24° 8 | 25°15 | 1°12 | 6°42 | 9°27 | 10°49 | 28°39 | 14°19 | |
| S 13 | 5 51 30 | 27°53'51 | 6♐47 | 8° 3 | 9°55 | 16°28 | 24°15 | 24°10 | 25°14 | 1°10 | 6°42 | 9°21 | 10°46 | 28°46 | 14°19 | |
| S 14 | 5 55 26 | 28°55'03 | 18°39 | 8°15 | 11°10 | 17°16 | 24°26 | 24°11 | 25°13 | 1° 9 | 6°42 | 9°14 | 10°43 | 28°52 | 14°19 | |
| M15 | 5 59 23 | 29°56'17 | 0♌30 | 8°35 | 12°25 | 18° 3 | 24°37 | 24°13 | 25°12 | 1° 8 | 6°D42 | 9° 6 | 10°40 | 28°59 | 14°19 | |
| T 16 | 6 3 20 | 0♌57'30 | 12°23 | 9° 2 | 13°40 | 18°50 | 24°49 | 24°14 | 25°12 | 1° 6 | 6°42 | 8°59 | 10°37 | 29° 6 | 14°18 | |
| W17 | 6 7 16 | 1°58'43 | 24°20 | 9°35 | 14°56 | 19°37 | 25° 0 | 24°15 | 25°11 | 1° 5 | 6°42 | 8°52 | 10°34 | 29°13 | 14°18 | |
| T 18 | 6 11 13 | 2°59'56 | 6♌23 | 10°14 | 16°11 | 20°24 | 25°11 | 24°16 | 25°11 | 1° 3 | 6°42 | 8°46 | 10°30 | 29°19 | 14°18 | |
| F 19 | 6 15 9 | 4° 1'09 | 18°33 | 10°59 | 17°26 | 21°12 | 25°23 | 24°17 | 25°10 | 1° 2 | 6°42 | 8°42 | 10°27 | 29°26 | 14°D18 | |
| S 20 | 6 19 6 | 5° 2'21 | 0♎51 | 11°48 | 18°42 | 21°59 | 25°35 | 24°18 | 25°10 | 1° 1 | 6°42 | 8°40 | 10°24 | 29°33 | 14°18 | |
| S 21 | 6 23 2 | 6° 3'33 | 13°20 | 12°41 | 19°57 | 22°46 | 25°46 | 24°19 | 25° 9 | 0°59 | 6°43 | 8°D40 | 10°21 | 29°39 | 14°18 | |
| M22 | 6 26 59 | 7° 4'45 | 26° 0 | 13°38 | 21°12 | 23°33 | 25°58 | 24°20 | 25° 9 | 0°58 | 6°43 | 8°41 | 10°18 | 29°46 | 14°18 | |
| T 23 | 6 30 55 | 8° 5'56 | 8♌54 | 14°38 | 22°28 | 24°21 | 26°10 | 24°20 | 25° 9 | 0°56 | 6°43 | 8°43 | 10°14 | 29°53 | 14°19 | |
| W24 | 6 34 52 | 9° 7'06 | 22° 4 | 15°41 | 23°43 | 25° 8 | 26°22 | 24°21 | 25° 9 | 0°55 | 6°43 | 8°44 | 10°11 | 0♌0 | 14°19 | |
| T 25 | 6 38 49 | 10° 8'15 | 5♏34 | 16°47 | 24°58 | 25°55 | 26°34 | 24°21 | 25° 8 | 0°53 | 6°43 | 8°R45 | 10° 8 | 0° 6 | 14°19 | |
| F 26 | 6 42 45 | 11° 9'24 | 19°23 | 17°55 | 26°13 | 26°43 | 26°46 | 24°21 | 25° 8 | 0°51 | 6°44 | 8°45 | 10° 5 | 0°13 | 14°20 | |
| S 27 | 6 46 42 | 12°10'32 | 3♌34 | 19° 5 | 27°29 | 27°30 | 26°59 | 24°22 | 25° 8 | 0°50 | 6°44 | 8°44 | 10° 2 | 0°20 | 14°20 | |
| S 28 | 6 50 38 | 13°11'39 | 18° 3 | 20°18 | 28°44 | 28°17 | 27°11 | 24°R22 | 25°D 8 | 0°48 | 6°44 | 8°41 | 9°59 | 0°26 | 14°21 | |
| M29 | 6 54 35 | 14°12'45 | 2♐47 | 21°32 | 29°59 | 29° 5 | 27°23 | 24°22 | 25° 8 | 0°47 | 6°44 | 8°38 | 9°55 | 0°33 | 14°21 | |
| T 30 | 6 58 31 | 15°13'51 | 17°41 | 22°47 | 1♌14 | 29°52 | 27°36 | 24°21 | 25° 8 | 0°45 | 6°45 | 8°34 | 9°52 | 0°40 | 14°22 | |
| W31 | 7 2 28 | 16♌14'56 | 2♌36 | 24♌4 | 2♌30 | 0♎40 | 27♎48 | 24♏21 | 25°V 9 | 0♉43 | 6°V45 | 8♎31 | 9♎49 | 0♌47 | 14°V23 | |

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