

SWISS EPHEMERIS for the year 1874

JANUARY 1874

00:00 UT

| Day | Sid.t | ☉ | ☽ | ♀ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ |
|------|---------|------------------------|---------------------|--------------------|--------------------|--------------------|--------------------|-------------------|--------------------|---------------------|---------------------|---------------------|--------------------|--------------------|--------------------|---|
| T 1 | 6 41 54 | 10 ²³ 27'56 | 18 ^{II} 33 | 21 [♂] 45 | 27 [♂] 36 | 29 [♂] 53 | 1 [♂] 25 | 2 [♂] 16 | 9 [♂] R39 | 25 [♂] R46 | 19 [♂] R59 | 13 [♂] R33 | 12 [♂] 0 | 26 [♂] 36 | 14 [♂] 11 | |
| F 2 | 6 45 50 | 11 [°] 29'05 | 18 [♂] 52 | 23 [°] 10 | 28 [°] 51 | 0 [♂] 39 | 1 [°] 28 | 2 [°] 23 | 9 [♂] Ω37 | 25 [♂] Υ46 | 19 [♂] ♂59 | 13 [♂] ♂26 | 11 [°] 57 | 26 [°] 43 | 14 [°] 11 | |
| S 3 | 6 49 47 | 12 [°] 30'13 | 14 [°] 58 | 24 [°] 35 | 0 [♂] 7 | 1 [°] 26 | 1 [°] 31 | 2 [°] 29 | 9 [°] 35 | 25 [°] 46 | 19 [°] 58 | 13 [°] 16 | 11 [°] 54 | 26 [°] 50 | 14 [°] 12 | |
| S 4 | 6 53 43 | 13 [°] 31'22 | 27 [°] 51 | 26 [°] 1 | 1 [°] 22 | 2 [°] 12 | 1 [°] 33 | 2 [°] 36 | 9 [°] 33 | 25 [°] 46 | 19 [°] 57 | 13 [°] 5 | 11 [°] 51 | 26 [°] 56 | 14 [°] 12 | |
| M 5 | 6 57 40 | 14 [°] 32'30 | 10 [♂] 28 | 27 [°] 28 | 2 [°] 38 | 2 [°] 58 | 1 [°] 35 | 2 [°] 43 | 9 [°] 30 | 25 [°] 46 | 19 [°] 57 | 12 [°] 53 | 11 [°] 48 | 27 [°] 3 | 14 [°] 13 | |
| T 6 | 7 1 37 | 15 [°] 33'38 | 22 [°] 51 | 28 [°] 56 | 3 [°] 53 | 3 [°] 45 | 1 [°] 37 | 2 [°] 50 | 9 [°] 28 | 25 [°] D46 | 19 [°] 56 | 12 [°] 42 | 11 [°] 44 | 27 [°] 10 | 14 [°] 13 | |
| W 7 | 7 5 33 | 16 [°] 34'46 | 5 [♂] 0 | 0 [♂] 24 | 5 [°] 8 | 4 [°] 31 | 1 [°] 39 | 2 [°] 57 | 9 [°] 26 | 25 [°] 46 | 19 [°] 56 | 12 [°] 32 | 11 [°] 41 | 27 [°] 16 | 14 [°] 14 | |
| T 8 | 7 9 30 | 17 [°] 35'54 | 16 [°] 58 | 1 [°] 52 | 6 [°] 24 | 5 [°] 17 | 1 [°] 41 | 3 [°] 4 | 9 [°] 23 | 25 [°] 46 | 19 [°] 55 | 12 [°] 25 | 11 [°] 38 | 27 [°] 23 | 14 [°] 15 | |
| F 9 | 7 13 26 | 18 [°] 37'02 | 28 [°] 50 | 3 [°] 22 | 7 [°] 39 | 6 [°] 3 | 1 [°] 42 | 3 [°] 11 | 9 [°] 21 | 25 [°] 46 | 19 [°] 54 | 12 [°] 21 | 11 [°] 35 | 27 [°] 30 | 14 [°] 16 | |
| S 10 | 7 17 23 | 19 [°] 38'10 | 10 [♂] 39 | 4 [°] 51 | 8 [°] 54 | 6 [°] 50 | 1 [°] 44 | 3 [°] 18 | 9 [°] 19 | 25 [°] 46 | 19 [°] 54 | 12 [°] 18 | 11 [°] 32 | 27 [°] 36 | 14 [°] 17 | |
| S 11 | 7 21 19 | 20 [°] 39'18 | 22 [°] 30 | 6 [°] 22 | 10 [°] 10 | 7 [°] 36 | 1 [°] 45 | 3 [°] 25 | 9 [°] 16 | 25 [°] 46 | 19 [°] 53 | 12 [°] D18 | 11 [°] 28 | 27 [°] 43 | 14 [°] 17 | |
| M12 | 7 25 16 | 21 [°] 40'26 | 4 [♂] 30 | 7 [°] 53 | 11 [°] 25 | 8 [°] 22 | 1 [°] 46 | 3 [°] 32 | 9 [°] 14 | 25 [°] 46 | 19 [°] 53 | 12 [°] 18 | 11 [°] 25 | 27 [°] 50 | 14 [°] 18 | |
| T 13 | 7 29 12 | 22 [°] 41'34 | 16 [°] 42 | 9 [°] 24 | 12 [°] 41 | 9 [°] 8 | 1 [°] 46 | 3 [°] 39 | 9 [°] 11 | 25 [°] 47 | 19 [°] 53 | 12 [°] R18 | 11 [°] 22 | 27 [°] 56 | 14 [°] 19 | |
| W14 | 7 33 9 | 23 [°] 42'41 | 29 [°] 14 | 10 [°] 56 | 13 [°] 56 | 9 [°] 55 | 1 [°] 47 | 3 [°] 46 | 9 [°] 9 | 25 [°] 47 | 19 [°] 52 | 12 [°] 17 | 11 [°] 19 | 28 [°] 3 | 14 [°] 21 | |
| T 15 | 7 37 6 | 24 [°] 43'49 | 12 [♂] 8 | 12 [°] 28 | 15 [°] 11 | 10 [°] 41 | 1 [°] 47 | 3 [°] 53 | 9 [°] 6 | 25 [°] 47 | 19 [°] 52 | 12 [°] 14 | 11 [°] 16 | 28 [°] 10 | 14 [°] 22 | |
| F 16 | 7 41 2 | 25 [°] 44'56 | 25 [°] 27 | 14 [°] 1 | 16 [°] 27 | 11 [°] 27 | 1 [°] R47 | 4 [°] 1 | 9 [°] 4 | 25 [°] 48 | 19 [°] 51 | 12 [°] 7 | 11 [°] 13 | 28 [°] 16 | 14 [°] 23 | |
| S 17 | 7 44 59 | 26 [°] 46'02 | 9 [♂] 12 | 15 [°] 35 | 17 [°] 42 | 12 [°] 13 | 1 [°] 47 | 4 [°] 8 | 9 [°] 1 | 25 [°] 48 | 19 [°] 51 | 11 [°] 58 | 11 [°] 9 | 28 [°] 23 | 14 [°] 24 | |
| S 18 | 7 48 55 | 27 [°] 47'09 | 23 [°] 20 | 17 [°] 9 | 18 [°] 58 | 12 [°] 59 | 1 [°] 47 | 4 [°] 15 | 8 [°] 59 | 25 [°] 48 | 19 [°] 51 | 11 [°] 47 | 11 [°] 6 | 28 [°] 30 | 14 [°] 25 | |
| M19 | 7 52 52 | 28 [°] 48'14 | 7 [♂] 47 | 18 [°] 43 | 20 [°] 13 | 13 [°] 45 | 1 [°] 47 | 4 [°] 22 | 8 [°] 56 | 25 [°] 49 | 19 [°] 50 | 11 [°] 35 | 11 [°] 3 | 28 [°] 37 | 14 [°] 27 | |
| T 20 | 7 56 48 | 29 [°] 49'19 | 22 [°] 26 | 20 [°] 18 | 21 [°] 28 | 14 [°] 31 | 1 [°] 46 | 4 [°] 29 | 8 [°] 53 | 25 [°] 49 | 19 [°] 50 | 11 [°] 23 | 11 [°] 0 | 28 [°] 43 | 14 [°] 28 | |
| W21 | 8 0 45 | 0 [♂] 50'23 | 7 [♂] 8 | 21 [°] 54 | 22 [°] 44 | 15 [°] 17 | 1 [°] 45 | 4 [°] 36 | 8 [°] 51 | 25 [°] 50 | 19 [°] 50 | 11 [°] 13 | 10 [°] 57 | 28 [°] 50 | 14 [°] 30 | |
| T 22 | 8 4 41 | 1 [°] 51'26 | 21 [°] 47 | 23 [°] 30 | 23 [°] 59 | 16 [°] 4 | 1 [°] 44 | 4 [°] 43 | 8 [°] 48 | 25 [°] 50 | 19 [°] 49 | 11 [°] 6 | 10 [°] 54 | 28 [°] 57 | 14 [°] 31 | |
| F 23 | 8 8 38 | 2 [°] 52'28 | 6 [♂] Υ16 | 25 [°] 7 | 25 [°] 15 | 16 [°] 50 | 1 [°] 43 | 4 [°] 51 | 8 [°] 46 | 25 [°] 51 | 19 [°] 49 | 11 [°] 1 | 10 [°] 50 | 29 [°] 3 | 14 [°] 33 | |
| S 24 | 8 12 35 | 3 [°] 53'28 | 20 [°] 31 | 26 [°] 45 | 26 [°] 30 | 17 [°] 36 | 1 [°] 42 | 4 [°] 58 | 8 [°] 43 | 25 [°] 52 | 19 [°] 49 | 10 [°] 59 | 10 [°] 47 | 29 [°] 10 | 14 [°] 34 | |
| S 25 | 8 16 31 | 4 [°] 54'28 | 4 [♂] 32 | 28 [°] 23 | 27 [°] 45 | 18 [°] 22 | 1 [°] 40 | 5 [°] 5 | 8 [°] 40 | 25 [°] 52 | 19 [°] 49 | 10 [°] 58 | 10 [°] 44 | 29 [°] 17 | 14 [°] 36 | |
| M26 | 8 20 28 | 5 [°] 55'27 | 18 [°] 17 | 0 [♂] 1 | 29 [°] 1 | 19 [°] 8 | 1 [°] 38 | 5 [°] 12 | 8 [°] 38 | 25 [°] 53 | 19 [°] 49 | 10 [°] 58 | 10 [°] 41 | 29 [°] 23 | 14 [°] 38 | |
| T 27 | 8 24 24 | 6 [°] 56'24 | 1 ^{II} 48 | 1 [°] 41 | 0 [♂] 16 | 19 [°] 53 | 1 [°] 36 | 5 [°] 19 | 8 [°] 35 | 25 [°] 54 | 19 [°] 48 | 10 [°] 57 | 10 [°] 38 | 29 [°] 30 | 14 [°] 40 | |
| W28 | 8 28 21 | 7 [°] 57'20 | 15 [°] 7 | 3 [°] 21 | 1 [°] 31 | 20 [°] 39 | 1 [°] 34 | 5 [°] 26 | 8 [°] 33 | 25 [°] 54 | 19 [°] 48 | 10 [°] 54 | 10 [°] 34 | 29 [°] 37 | 14 [°] 41 | |
| T 29 | 8 32 17 | 8 [°] 58'15 | 28 [°] 13 | 5 [°] 2 | 2 [°] 46 | 21 [°] 25 | 1 [°] 32 | 5 [°] 33 | 8 [°] 30 | 25 [°] 55 | 19 [°] 48 | 10 [°] 48 | 10 [°] 31 | 29 [°] 43 | 14 [°] 43 | |
| F 30 | 8 36 14 | 9 [°] 59'09 | 11 [♂] 9 | 6 [°] 43 | 4 [°] 2 | 22 [°] 11 | 1 [°] 29 | 5 [°] 41 | 8 [°] 27 | 25 [°] 56 | 19 [°] 48 | 10 [°] 38 | 10 [°] 28 | 29 [°] 50 | 14 [°] 45 | |
| S 31 | 8 40 10 | 11 [♂] 0'02 | 23 [♂] 55 | 8 [♂] 25 | 5 [♂] 17 | 22 [♂] 57 | 1 [♂] 27 | 5 [♂] 48 | 8 [♂] 25 | 25 [♂] Υ57 | 19 [♂] 48 | 10 [♂] 26 | 10 [♂] 25 | 29 [♂] 57 | 14 [♂] 47 | |

Delta T = -2.85 sec.

FEBRUARY 1874

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| Day | Sid.t | ☉ | ☽ | ♀ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ |
|------|---------|-----------------------|--------------------|--------------------|--------------------|--------------------|--------------------|-------------------|--------------------|---------------------|---------------------|---------------------|--------------------|-------------------|---------------------|---|
| S 1 | 8 44 7 | 12 [♂] 0'53 | 6 [♂] Ω29 | 10 [♂] 8 | 6 [♂] 32 | 23 [♂] 43 | 1 [°] R24 | 5 [♂] 55 | 8 [°] R22 | 25 [♂] Υ58 | 19 [♂] R48 | 10 [♂] R13 | 10 [♂] 22 | 0 [♂] 3 | 14 [♂] Υ49 | |
| M 2 | 8 48 4 | 13 [°] 1'43 | 18 [°] 53 | 11 [°] 51 | 7 [°] 48 | 24 [°] 28 | 1 [♂] 21 | 6 [°] 2 | 8 [♂] Ω19 | 25 [♂] 59 | 19 [♂] ♂48 | 9 [♂] ♂58 | 10 [°] 19 | 0 [°] 10 | 14 [°] 51 | |
| T 3 | 8 52 0 | 14 [°] 2'32 | 1 [♂] 6 | 13 [°] 36 | 9 [°] 3 | 25 [°] 14 | 1 [°] 17 | 6 [°] 9 | 8 [°] 17 | 25 [°] 59 | 19 [°] D48 | 9 [°] 44 | 10 [°] 15 | 0 [°] 17 | 14 [°] 53 | |
| W 4 | 8 55 57 | 15 [°] 3'20 | 13 [°] 10 | 15 [°] 21 | 10 [°] 18 | 26 [°] 0 | 1 [°] 14 | 6 [°] 16 | 8 [°] 14 | 26 [°] 0 | 19 [°] 48 | 9 [°] 32 | 10 [°] 12 | 0 [°] 23 | 14 [°] 56 | |
| T 5 | 8 59 53 | 16 [°] 4'07 | 25 [°] 5 | 17 [°] 6 | 11 [°] 33 | 26 [°] 45 | 1 [°] 10 | 6 [°] 23 | 8 [°] 12 | 26 [°] 1 | 19 [°] 48 | 9 [°] 22 | 10 [°] 9 | 0 [°] 30 | 14 [°] 58 | |
| F 6 | 9 3 50 | 17 [°] 4'53 | 6 [♂] ♂55 | 18 [°] 53 | 12 [°] 49 | 27 [°] 31 | 1 [°] 6 | 6 [°] 30 | 8 [°] 9 | 26 [°] 2 | 19 [°] 48 | 9 [°] 15 | 10 [°] 6 | 0 [°] 37 | 15 [°] 0 | |
| S 7 | 9 7 46 | 18 [°] 5'37 | 18 [°] 42 | 20 [°] 40 | 14 [°] 4 | 28 [°] 17 | 1 [°] 3 | 6 [°] 38 | 8 [°] 6 | 26 [°] 4 | 19 [°] 48 | 9 [°] 11 | 10 [°] 3 | 0 [°] 43 | 15 [°] 2 | |
| S 8 | 9 11 43 | 19 [°] 6'21 | 0 [♂] ♂32 | 22 [°] 28 | 15 [°] 19 | 29 [°] 2 | 0 [°] 58 | 6 [°] 45 | 8 [°] 4 | 26 [°] 5 | 19 [°] 48 | 9 [°] 10 | 10 [°] 0 | 0 [°] 50 | 15 [°] 5 | |
| M 9 | 9 15 39 | 20 [°] 7'04 | 12 [°] 29 | 24 [°] 16 | 16 [°] 34 | 29 [°] 48 | 0 [°] 54 | 6 [°] 52 | 8 [°] 1 | 26 [°] 6 | 19 [°] 48 | 9 [°] D10 | 9 [°] 56 | 0 [°] 57 | 15 [°] 7 | |
| T 10 | 9 19 36 | 21 [°] 7'45 | 24 [°] 39 | 26 [°] 5 | 17 [°] 50 | 0 [°] Υ33 | 0 [°] 50 | 6 [°] 59 | 7 [°] 59 | 26 [°] 7 | 19 [°] 49 | 9 [°] R10 | 9 [°] 53 | 1 [°] 3 | 15 [°] 9 | |
| W11 | 9 23 33 | 22 [°] 8'26 | 7 [♂] 7 | 27 [°] 55 | 19 [°] 5 | 1 [°] 19 | 0 [°] 45 | 7 [°] 6 | 7 [°] 56 | 26 [°] 8 | 19 [°] 49 | 9 [°] 9 | 9 [°] 50 | 1 [°] 10 | 15 [°] 12 | |
| T 12 | 9 27 29 | 23 [°] 9'05 | 19 [°] 58 | 29 [°] 45 | 20 [°] 20 | 2 [°] 4 | 0 [°] 40 | 7 [°] 13 | 7 [°] 54 | 26 [°] 9 | 19 [°] 49 | 9 [°] 6 | 9 [°] 47 | 1 [°] 17 | 15 [°] 14 | |
| F 13 | 9 31 26 | 24 [°] 9'43 | 3 [♂] 17 | 1 [♂] 35 | 21 [°] 35 | 2 [°] 49 | 0 [°] 35 | 7 [°] 20 | 7 [°] 51 | 26 [°] 11 | 19 [°] 49 | 9 [°] 1 | 9 [°] 44 | 1 [°] 23 | 15 [°] 17 | |
| S 14 | 9 35 22 | 25 [°] 10'20 | 17 [°] 4 | 3 [°] 25 | 22 [°] 50 | 3 [°] 35 | 0 [°] 30 | 7 [°] 27 | 7 [°] 49 | 26 [°] 12 | 19 [°] 49 | 8 [°] 53 | 9 [°] 40 | 1 [°] 30 | 15 [°] 19 | |
| S 15 | 9 39 19 | 26 [°] 10'56 | 1 [♂] 20 | 5 [°] 16 | 24 [°] 6 | 4 [°] 20 | 0 [°] 25 | 7 [°] 34 | 7 [°] 46 | 26 [°] 13 | 19 [°] 50 | 8 [°] 43 | 9 [°] 37 | 1 [°] 37 | 15 [°] 22 | |
| M16 | 9 43 15 | 27 [°] 11'31 | 16 [°] 1 | 7 [°] 6 | 25 [°] 21 | 5 [°] 5 | 0 [°] 20 | 7 [°] 40 | 7 [°] 44 | 26 [°] 15 | 19 [°] 50 | 8 [°] 32 | 9 [°] 34 | 1 [°] 44 | 15 [°] 25 | |
| T 17 | 9 47 12 | 28 [°] 12'03 | 0 [♂] ♂59 | 8 [°] 56 | 26 [°] 36 | | | | | | | | | | | |

SWISS EPHEMERIS for the year 1874

MARCH 1874

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| Day | Sid.t | ☉ | ☽ | ♀ | ♁ | ♂ | ♃ | ♅ | ♁ | ♁ | ♁ | ♁ | ♁ | ♁ | ♁ |
|------|----------|----------|-------|-------|-------|-------|-------|-------|------|-------|-------|-------|------|------|-------|
| S 1 | 10 34 31 | 10X16'14 | 15Ω37 | 28X15 | 11X37 | 14Y51 | 28R58 | 9≈ 8 | 7R14 | 26Y34 | 19B56 | 7R26 | 8B53 | 3Ω10 | 16Y 3 |
| M 2 | 10 38 27 | 11°16'22 | 27°47 | 29°22 | 12°52 | 15°35 | 28M51 | 9°14 | 7Ω12 | 26°36 | 19°56 | 7B15 | 8°50 | 3°17 | 16° 6 |
| T 3 | 10 42 24 | 12°16'28 | 9M49 | 0Y23 | 14° 6 | 16°20 | 28°43 | 9°20 | 7°10 | 26°38 | 19°57 | 7° 4 | 8°46 | 3°24 | 16° 9 |
| W 4 | 10 46 20 | 13°16'33 | 21°45 | 1°16 | 15°21 | 17° 5 | 28°36 | 9°27 | 7° 8 | 26°39 | 19°57 | 6°54 | 8°43 | 3°30 | 16°12 |
| T 5 | 10 50 17 | 14°16'35 | 3Ω37 | 2° 1 | 16°36 | 17°49 | 28°29 | 9°33 | 7° 6 | 26°41 | 19°58 | 6°47 | 8°40 | 3°37 | 16°15 |
| F 6 | 10 54 13 | 15°16'36 | 15°25 | 2°38 | 17°51 | 18°34 | 28°22 | 9°39 | 7° 5 | 26°43 | 19°59 | 6°42 | 8°37 | 3°44 | 16°18 |
| S 7 | 10 58 10 | 16°16'35 | 27°13 | 3° 5 | 19° 6 | 19°18 | 28°14 | 9°46 | 7° 3 | 26°45 | 19°59 | 6°40 | 8°34 | 3°50 | 16°22 |
| S 8 | 11 2 6 | 17°16'32 | 9M 4 | 3°25 | 20°21 | 20° 3 | 28° 7 | 9°52 | 7° 1 | 26°47 | 20° 0 | 6°D39 | 8°31 | 3°57 | 16°25 |
| M 9 | 11 6 3 | 18°16'27 | 21° 2 | 3°35 | 21°36 | 20°47 | 27°59 | 9°58 | 6°59 | 26°49 | 20° 1 | 6°40 | 8°27 | 4° 4 | 16°28 |
| T 10 | 11 10 0 | 19°16'21 | 3X12 | 3R36 | 22°51 | 21°31 | 27°52 | 10° 4 | 6°57 | 26°50 | 20° 1 | 6°41 | 8°24 | 4°10 | 16°32 |
| W11 | 11 13 56 | 20°16'14 | 15°37 | 3°28 | 24° 5 | 22°16 | 27°44 | 10°10 | 6°56 | 26°52 | 20° 2 | 6°R42 | 8°21 | 4°17 | 16°35 |
| T 12 | 11 17 53 | 21°16'04 | 28°24 | 3°13 | 25°20 | 23° 0 | 27°36 | 10°16 | 6°54 | 26°54 | 20° 3 | 6°42 | 8°18 | 4°24 | 16°38 |
| F 13 | 11 21 49 | 22°15'53 | 11B36 | 2°49 | 26°35 | 23°44 | 27°29 | 10°22 | 6°52 | 26°56 | 20° 4 | 6°40 | 8°15 | 4°30 | 16°42 |
| S 14 | 11 25 46 | 23°15'41 | 25°17 | 2°18 | 27°50 | 24°28 | 27°21 | 10°28 | 6°51 | 26°58 | 20° 5 | 6°37 | 8°11 | 4°37 | 16°45 |
| S 15 | 11 29 42 | 24°15'26 | 9≈27 | 1°40 | 29° 4 | 25°13 | 27°13 | 10°34 | 6°49 | 27° 0 | 20° 5 | 6°31 | 8° 8 | 4°44 | 16°49 |
| M16 | 11 33 39 | 25°15'10 | 24° 4 | 0°57 | 0Y19 | 25°57 | 27° 5 | 10°40 | 6°48 | 27° 2 | 20° 6 | 6°25 | 8° 5 | 4°50 | 16°52 |
| T 17 | 11 37 35 | 26°14'52 | 9X 3 | 0° 9 | 1°34 | 26°41 | 26°57 | 10°45 | 6°46 | 27° 4 | 20° 7 | 6°19 | 8° 2 | 4°57 | 16°56 |
| W18 | 11 41 32 | 27°14'32 | 24°15 | 29X18 | 2°48 | 27°25 | 26°50 | 10°51 | 6°45 | 27° 6 | 20° 8 | 6°13 | 7°59 | 5° 4 | 16°59 |
| T 19 | 11 45 29 | 28°14'09 | 9Y30 | 28°25 | 4° 3 | 28° 9 | 26°42 | 10°57 | 6°44 | 27° 8 | 20° 9 | 6° 9 | 7°56 | 5°10 | 17° 3 |
| F 20 | 11 49 25 | 29°13'45 | 24°38 | 27°30 | 5°18 | 28°53 | 26°34 | 11° 2 | 6°42 | 27°10 | 20°10 | 6° 7 | 7°52 | 5°17 | 17° 6 |
| S 21 | 11 53 22 | 0Y13'19 | 9B30 | 26°36 | 6°32 | 29°37 | 26°26 | 11° 8 | 6°41 | 27°12 | 20°11 | 6°D 6 | 7°49 | 5°24 | 17°10 |
| S 22 | 11 57 18 | 1°12'50 | 23°59 | 25°43 | 7°47 | 0B20 | 26°19 | 11°13 | 6°40 | 27°14 | 20°12 | 6° 7 | 7°46 | 5°30 | 17°13 |
| M23 | 12 1 15 | 2°12'20 | 8II 3 | 24°52 | 9° 2 | 1° 4 | 26°11 | 11°19 | 6°39 | 27°16 | 20°12 | 6° 9 | 7°43 | 5°37 | 17°17 |
| T 24 | 12 5 11 | 3°11'47 | 21°42 | 24° 3 | 10°16 | 1°48 | 26° 3 | 11°24 | 6°37 | 27°18 | 20°13 | 6°10 | 7°40 | 5°44 | 17°20 |
| W25 | 12 9 8 | 4°11'11 | 4B56 | 23°19 | 11°31 | 2°32 | 25°56 | 11°29 | 6°36 | 27°20 | 20°14 | 6°R11 | 7°37 | 5°50 | 17°24 |
| T 26 | 12 13 4 | 5°10'33 | 17°48 | 22°40 | 12°45 | 3°15 | 25°48 | 11°34 | 6°35 | 27°23 | 20°15 | 6°10 | 7°33 | 5°57 | 17°27 |
| F 27 | 12 17 1 | 6° 9'53 | 0Ω22 | 22° 5 | 14° 0 | 3°59 | 25°40 | 11°40 | 6°34 | 27°25 | 20°16 | 6° 8 | 7°30 | 6° 4 | 17°31 |
| S 28 | 12 20 58 | 7° 9'11 | 12°42 | 21°35 | 15°14 | 4°42 | 25°33 | 11°45 | 6°33 | 27°27 | 20°17 | 6° 4 | 7°27 | 6°10 | 17°35 |
| S 29 | 12 24 54 | 8° 8'26 | 24°50 | 21°11 | 16°29 | 5°26 | 25°25 | 11°50 | 6°33 | 27°29 | 20°18 | 6° 0 | 7°24 | 6°17 | 17°38 |
| M30 | 12 28 51 | 9° 7'39 | 6M50 | 20°53 | 17°43 | 6° 9 | 25°18 | 11°55 | 6°32 | 27°31 | 20°20 | 5°55 | 7°21 | 6°24 | 17°42 |
| T 31 | 12 32 47 | 10Y 6'50 | 18M44 | 20X41 | 18Y57 | 6B53 | 25M11 | 11≈59 | 6Ω31 | 27Y33 | 20B21 | 5B50 | 7B17 | 6Ω30 | 17Y46 |

Delta T = -2.99 sec.

APRIL 1874

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| Day | Sid.t | ☉ | ☽ | ♀ | ♁ | ♂ | ♃ | ♅ | ♁ | ♁ | ♁ | ♁ | ♁ | ♁ | ♁ |
|------|----------|----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|------|-------|
| W 1 | 12 36 44 | 11Y 5'59 | 0Ω35 | 20R34 | 20Y12 | 7B36 | 25R 3 | 12≈ 4 | 6R30 | 27Y36 | 20B22 | 5R47 | 7B14 | 6Ω37 | 17Y49 |
| T 2 | 12 40 40 | 12° 5'05 | 12°23 | 20D33 | 21°26 | 8°19 | 24M56 | 12° 9 | 6Ω30 | 27°38 | 20°23 | 5B44 | 7°11 | 6°44 | 17°53 |
| F 3 | 12 44 37 | 13° 4'10 | 24°13 | 20X37 | 22°40 | 9° 3 | 24°49 | 12°14 | 6°29 | 27°40 | 20°24 | 5°42 | 7° 8 | 6°50 | 17°57 |
| S 4 | 12 48 33 | 14° 3'12 | 6M 5 | 20°47 | 23°55 | 9°46 | 24°42 | 12°18 | 6°29 | 27°42 | 20°25 | 5°D41 | 7° 5 | 6°57 | 18° 0 |
| S 5 | 12 52 30 | 15° 2'13 | 18° 2 | 21° 2 | 25° 9 | 10°29 | 24°35 | 12°23 | 6°28 | 27°44 | 20°26 | 5°42 | 7° 2 | 7° 4 | 18° 4 |
| M 6 | 12 56 26 | 16° 1'12 | 0X 6 | 21°21 | 26°23 | 11°12 | 24°28 | 12°27 | 6°28 | 27°47 | 20°27 | 5°43 | 6°58 | 7°10 | 18° 8 |
| T 7 | 13 0 23 | 17° 0'09 | 12°22 | 21°46 | 27°37 | 11°55 | 24°22 | 12°32 | 6°27 | 27°49 | 20°28 | 5°45 | 6°55 | 7°17 | 18°11 |
| W 8 | 13 4 20 | 17°59'04 | 24°52 | 22°15 | 28°52 | 12°38 | 24°15 | 12°36 | 6°27 | 27°51 | 20°30 | 5°46 | 6°52 | 7°24 | 18°15 |
| T 9 | 13 8 16 | 18°57'57 | 7B39 | 22°48 | 0B 6 | 13°21 | 24° 8 | 12°40 | 6°27 | 27°53 | 20°31 | 5°47 | 6°49 | 7°30 | 18°19 |
| F 10 | 13 12 13 | 19°56'49 | 20°48 | 23°25 | 1°20 | 14° 4 | 24° 2 | 12°44 | 6°26 | 27°55 | 20°32 | 5°R47 | 6°46 | 7°37 | 18°22 |
| S 11 | 13 16 9 | 20°55'39 | 4≈21 | 24° 6 | 2°34 | 14°47 | 23°56 | 12°48 | 6°26 | 27°58 | 20°33 | 5°47 | 6°42 | 7°44 | 18°26 |
| S 12 | 13 20 6 | 21°54'28 | 18°19 | 24°51 | 3°48 | 15°30 | 23°49 | 12°52 | 6°26 | 28° 0 | 20°34 | 5°46 | 6°39 | 7°50 | 18°30 |
| M13 | 13 24 2 | 22°53'14 | 2X42 | 25°39 | 5° 2 | 16°13 | 23°43 | 12°56 | 6°26 | 28° 2 | 20°35 | 5°44 | 6°36 | 7°57 | 18°33 |
| T 14 | 13 27 59 | 23°51'59 | 17°28 | 26°31 | 6°16 | 16°55 | 23°37 | 13° 0 | 6°D26 | 28° 5 | 20°37 | 5°43 | 6°33 | 8° 4 | 18°37 |
| W15 | 13 31 55 | 24°50'42 | 2Y29 | 27°25 | 7°30 | 17°38 | 23°32 | 13° 4 | 6°26 | 28° 7 | 20°38 | 5°42 | 6°30 | 8°10 | 18°41 |
| T 16 | 13 35 52 | 25°49'23 | 17°38 | 28°23 | 8°44 | 18°21 | 23°26 | 13° 7 | 6°26 | 28° 9 | 20°39 | 5°41 | 6°27 | 8°17 | 18°44 |
| F 17 | 13 39 49 | 26°48'02 | 2B45 | 29°24 | 9°58 | 19° 3 | 23°20 | 13°11 | 6°26 | 28°11 | 20°40 | 5°D41 | 6°23 | 8°24 | 18°48 |
| S 18 | 13 43 45 | 27°46'39 | 17°43 | 0Y27 | 11°12 | 19°46 | 23°15 | 13°14 | 6°26 | 28°14 | 20°42 | 5°41 | 6°20 | 8°30 | 18°52 |
| S 19 | 13 47 42 | 28°45'15 | 2II22 | 1°33 | 12°26 | 20°28 | 23°10 | 13°18 | 6°27 | 28°16 | 20°43 | 5°41 | 6°17 | 8°37 | 18°55 |
| M20 | 13 51 38 | 29°43'48 | 16°37 | 2°41 | 13°40 | 21°11 | 23° 5 | 13°21 | 6°27 | 28°18 | 20°44 | 5°42 | 6°14 | 8°44 | 18°59 |
| T 21 | 13 55 35 | 0B42'19 | 0B26 | 3°52 | 14°54 | 21°53 | 23° 0 | 13°24 | 6°27 | 28°20 | 20°45 | 5°42 | 6°11 | 8°50 | 19° 2 |
| W22 | 13 59 31 | 1°40'48 | 13°49 | 5° 6 | 16° 8 | 22°36 | 22°55 | 13°27 | 6°28 | 28°23 | 20°47 | 5°43 | 6° 8 | 8°57 | 19° 6 |
| T 23 | 14 3 28 | 2°39'15 | 26°46 | 6°21 | 17°22 | 23°18 | 22°50 | 13°31 | 6°28 | 28°25 | 20°48 | 5°43 | 6° 4 | 9° 4 | 19°10 |
| F 24 | 14 7 24 | 3°37'40 | 9Ω22 | 7°39 | 18°36 | 24° 0 | 22°46 | 13°33 | 6°29 | 28°27 | 20°49 | 5°R43 | 6° 1 | 9°10 | 19°13 |
| S 25 | 14 11 21 | 4°36'02 | 21°40 | 8°59 | 19°49 | 24°43 | 22°42 | 13°36 | 6°29 | 28°29 | 20°51 | 5°43 | 5°58 | 9°17 | 19°17 |
| S 26 | 14 15 18 | 5°34'23 | 3M45 | 10°21 | 21° 3 | 25°25 | 22°37 | 13°39 | 6°30 | 28°32 | 20°52 | 5°D43 | 5°55 | 9°24 | 19°20 |
| M27 | 14 19 14 | 6°32'41 | 15°40 | 11°45 | 22°17 | 26° 7 | 22°33 | 13°42 | 6°31 | 28°34 | 20°53 | 5°43 | 5°52 | 9°30 | 19°24 |
| T 28 | 14 23 11 | 7°30'57 | 27°30 | 13°11 | 23°31 | 26°49 | 22°30 | 13°44 | 6°31 | 28°36 | 20°55 | 5°43 | 5°48 | 9°37 | 19°27 |
| W29 | 14 27 7 | 8°29'11 | 9Ω18 | 14°39 | 24°44 | 27°31 | 22°26 | 13°47 | 6°32 | 28°38 | 20°56 | 5°43 | 5°45 | 9°44 | 19°31 |
| T 30 | 14 31 4 | 9B27'24 | 21Ω 8 | 16Y 9 | 25B58 | 28B13 | 22M22 | 13≈49 | 6Ω33 | 28Y41 | 20B57 | 5B43 | 5B42 | 9Ω50 | 19Y34 |

Delta T = -3.06 sec.

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SWISS EPHEMERIS for the year 1874

MAY 1874

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| Day | Sid.t | ☉ | ☽ | ♀ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ |
|------|----------|----------|-------|-------|-------|-------|--------|--------|------|-------|-------|-------|------|-------|-------|
| F 1 | 14 35 0 | 10♌25'34 | 3♍ 1 | 17♍41 | 27♌12 | 28♌55 | 22°R19 | 13♌52 | 6♌34 | 28♍43 | 20♌59 | 5°R43 | 5♌39 | 9♌57 | 19♍38 |
| S 2 | 14 38 57 | 11°23'43 | 15° 0 | 19°15 | 28°25 | 29°37 | 22♍16 | 13°54 | 6°35 | 28°45 | 21° 0 | 5♌43 | 5°36 | 10° 3 | 19°41 |
| S 3 | 14 42 53 | 12°21'50 | 27° 8 | 20°51 | 29°39 | 0♍19 | 22°13 | 13°56 | 6°36 | 28°47 | 21° 1 | 5°43 | 5°33 | 10°10 | 19°45 |
| M 4 | 14 46 50 | 13°19'56 | 9♌25 | 22°29 | 0♍52 | 1° 0 | 22°10 | 13°58 | 6°37 | 28°49 | 21° 3 | 5°42 | 5°29 | 10°17 | 19°48 |
| T 5 | 14 50 47 | 14°18'00 | 21°54 | 24° 8 | 2° 6 | 1°42 | 22° 8 | 14° 0 | 6°38 | 28°52 | 21° 4 | 5°41 | 5°26 | 10°23 | 19°52 |
| W 6 | 14 54 43 | 15°16'03 | 4♌37 | 25°50 | 3°19 | 2°24 | 22° 5 | 14° 2 | 6°39 | 28°54 | 21° 5 | 5°40 | 5°23 | 10°30 | 19°55 |
| T 7 | 14 58 40 | 16°14'04 | 17°34 | 27°34 | 4°33 | 3° 6 | 22° 3 | 14° 4 | 6°40 | 28°56 | 21° 7 | 5°39 | 5°20 | 10°37 | 19°59 |
| F 8 | 15 2 36 | 17°12'04 | 0♌48 | 29°19 | 5°46 | 3°47 | 22° 1 | 14° 5 | 6°42 | 28°58 | 21° 8 | 5°38 | 5°17 | 10°43 | 20° 2 |
| S 9 | 15 6 33 | 18°10'02 | 14°20 | 1♌ 7 | 7° 0 | 4°29 | 21°59 | 14° 7 | 6°43 | 29° 0 | 21° 9 | 5°D37 | 5°14 | 10°50 | 20° 5 |
| S 10 | 15 10 29 | 19° 7'59 | 28°11 | 2°56 | 8°13 | 5°10 | 21°57 | 14° 8 | 6°44 | 29° 3 | 21°11 | 5°38 | 5°10 | 10°57 | 20° 9 |
| M11 | 15 14 26 | 20° 5'55 | 12♌20 | 4°47 | 9°26 | 5°52 | 21°56 | 14°10 | 6°46 | 29° 5 | 21°12 | 5°38 | 5° 7 | 11° 3 | 20°12 |
| T 12 | 15 18 22 | 21° 3'50 | 26°46 | 6°41 | 10°40 | 6°33 | 21°54 | 14°11 | 6°47 | 29° 7 | 21°13 | 5°39 | 5° 4 | 11°10 | 20°15 |
| W13 | 15 22 19 | 22° 1'43 | 11♍27 | 8°36 | 11°53 | 7°15 | 21°53 | 14°12 | 6°49 | 29° 9 | 21°15 | 5°40 | 5° 1 | 11°17 | 20°18 |
| T 14 | 15 26 16 | 22°59'35 | 26°16 | 10°33 | 13° 6 | 7°56 | 21°52 | 14°13 | 6°50 | 29°11 | 21°16 | 5°41 | 4°58 | 11°23 | 20°22 |
| F 15 | 15 30 12 | 23°57'26 | 11♌ 8 | 12°32 | 14°19 | 8°38 | 21°51 | 14°14 | 6°52 | 29°13 | 21°17 | 5°R41 | 4°54 | 11°30 | 20°25 |
| S 16 | 15 34 9 | 24°55'15 | 25°54 | 14°32 | 15°33 | 9°19 | 21°51 | 14°15 | 6°53 | 29°15 | 21°19 | 5°40 | 4°51 | 11°37 | 20°28 |
| S 17 | 15 38 5 | 25°53'04 | 10♍29 | 16°35 | 16°46 | 10° 0 | 21°50 | 14°16 | 6°55 | 29°17 | 21°20 | 5°39 | 4°48 | 11°43 | 20°31 |
| M18 | 15 42 2 | 26°50'50 | 24°44 | 18°39 | 17°59 | 10°41 | 21°50 | 14°17 | 6°57 | 29°19 | 21°22 | 5°36 | 4°45 | 11°50 | 20°34 |
| T 19 | 15 45 58 | 27°48'35 | 8♌37 | 20°45 | 19°12 | 11°23 | 21°D50 | 14°17 | 6°59 | 29°22 | 21°23 | 5°33 | 4°42 | 11°57 | 20°37 |
| W20 | 15 49 55 | 28°46'19 | 22° 4 | 22°52 | 20°25 | 12° 4 | 21°50 | 14°18 | 7° 0 | 29°24 | 21°24 | 5°30 | 4°39 | 12° 3 | 20°40 |
| T 21 | 15 53 52 | 29°44'01 | 5♌ 7 | 25° 0 | 21°39 | 12°45 | 21°50 | 14°18 | 7° 2 | 29°26 | 21°26 | 5°27 | 4°35 | 12°10 | 20°43 |
| F 22 | 15 57 48 | 0♍41'42 | 17°46 | 27°10 | 22°52 | 13°26 | 21°51 | 14°19 | 7° 4 | 29°28 | 21°27 | 5°25 | 4°32 | 12°17 | 20°46 |
| S 23 | 16 1 45 | 1°39'20 | 0♍ 6 | 29°20 | 24° 5 | 14° 7 | 21°51 | 14°19 | 7° 6 | 29°30 | 21°28 | 5°D25 | 4°29 | 12°23 | 20°49 |
| S 24 | 16 5 41 | 2°36'58 | 12°11 | 1♍32 | 25°18 | 14°48 | 21°52 | 14°19 | 7° 8 | 29°32 | 21°30 | 5°25 | 4°26 | 12°30 | 20°52 |
| M25 | 16 9 38 | 3°34'33 | 24° 6 | 3°43 | 26°31 | 15°29 | 21°53 | 14°R19 | 7°10 | 29°33 | 21°31 | 5°26 | 4°23 | 12°37 | 20°55 |
| T 26 | 16 13 34 | 4°32'08 | 5♌55 | 5°55 | 27°44 | 16°10 | 21°54 | 14°19 | 7°12 | 29°35 | 21°32 | 5°28 | 4°20 | 12°43 | 20°58 |
| W27 | 16 17 31 | 5°29'41 | 17°44 | 8° 7 | 28°56 | 16°50 | 21°56 | 14°19 | 7°15 | 29°37 | 21°34 | 5°30 | 4°16 | 12°50 | 21° 1 |
| T 28 | 16 21 27 | 6°27'12 | 29°36 | 10°19 | 0♌ 9 | 17°31 | 21°57 | 14°18 | 7°17 | 29°39 | 21°35 | 5°R31 | 4°13 | 12°57 | 21° 4 |
| F 29 | 16 25 24 | 7°24'43 | 11♍35 | 12°29 | 1°22 | 18°12 | 21°59 | 14°18 | 7°19 | 29°41 | 21°36 | 5°31 | 4°10 | 13° 3 | 21° 7 |
| S 30 | 16 29 20 | 8°22'12 | 23°43 | 14°39 | 2°35 | 18°53 | 22° 1 | 14°18 | 7°21 | 29°43 | 21°37 | 5°29 | 4° 7 | 13°10 | 21° 9 |
| S 31 | 16 33 17 | 9♍19'40 | 6♌ 4 | 16♍48 | 3♌48 | 19♍33 | 22♍ 3 | 14♌17 | 7♌24 | 29♍45 | 21♌39 | 5♌26 | 4♌ 4 | 13♌17 | 21♍12 |

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JUNE 1874

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| Day | Sid.t | ☉ | ☽ | ♀ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ |
|------|----------|----------|-------|-------|-------|-------|-------|--------|------|-------|-------|-------|------|-------|-------|
| M 1 | 16 37 14 | 10♍17'08 | 18♌39 | 18♍56 | 5♌ 0 | 20♍14 | 22♍ 5 | 14°R16 | 7♌26 | 29♍47 | 21♌40 | 5°R22 | 4♌ 0 | 13♌23 | 21♍15 |
| T 2 | 16 41 10 | 11°14'34 | 1♌27 | 21° 1 | 6°13 | 20°55 | 22° 7 | 14°R16 | 7°28 | 29°49 | 21°41 | 5♌16 | 3°57 | 13°30 | 21°17 |
| W 3 | 16 45 7 | 12°11'59 | 14°30 | 23° 6 | 7°26 | 21°35 | 22°10 | 14°15 | 7°31 | 29°50 | 21°43 | 5°10 | 3°54 | 13°37 | 21°20 |
| T 4 | 16 49 3 | 13° 9'24 | 27°45 | 25° 8 | 8°38 | 22°16 | 22°13 | 14°14 | 7°33 | 29°52 | 21°44 | 5° 4 | 3°51 | 13°43 | 21°23 |
| F 5 | 16 53 0 | 14° 6'48 | 11♌14 | 27° 8 | 9°51 | 22°56 | 22°16 | 14°13 | 7°36 | 29°54 | 21°45 | 5° 0 | 3°48 | 13°50 | 21°25 |
| S 6 | 16 56 56 | 15° 4'11 | 24°55 | 29° 6 | 11° 4 | 23°37 | 22°19 | 14°12 | 7°38 | 29°56 | 21°46 | 4°56 | 3°45 | 13°56 | 21°28 |
| S 7 | 17 0 53 | 16° 1'34 | 8♌47 | 1♌ 1 | 12°16 | 24°17 | 22°22 | 14°10 | 7°41 | 29°57 | 21°48 | 4°55 | 3°41 | 14° 3 | 21°30 |
| M 8 | 17 4 50 | 16°58'56 | 22°50 | 2°55 | 13°29 | 24°57 | 22°25 | 14° 9 | 7°44 | 29°59 | 21°49 | 4°D54 | 3°38 | 14°10 | 21°33 |
| T 9 | 17 8 46 | 17°56'18 | 7♍ 3 | 4°46 | 14°41 | 25°38 | 22°29 | 14° 8 | 7°46 | 0♌ 1 | 21°50 | 4°55 | 3°35 | 14°16 | 21°35 |
| W10 | 17 12 43 | 18°53'39 | 21°23 | 6°34 | 15°54 | 26°18 | 22°33 | 14° 6 | 7°49 | 0° 2 | 21°51 | 4°57 | 3°32 | 14°23 | 21°37 |
| T 11 | 17 16 39 | 19°50'59 | 5♌48 | 8°20 | 17° 6 | 26°58 | 22°37 | 14° 5 | 7°52 | 0° 4 | 21°53 | 4°R57 | 3°29 | 14°30 | 21°40 |
| F 12 | 17 20 36 | 20°48'20 | 20°16 | 10° 4 | 18°19 | 27°39 | 22°41 | 14° 3 | 7°54 | 0° 5 | 21°54 | 4°56 | 3°26 | 14°36 | 21°42 |
| S 13 | 17 24 32 | 21°45'40 | 4♍40 | 11°45 | 19°31 | 28°19 | 22°45 | 14° 1 | 7°57 | 0° 7 | 21°55 | 4°53 | 3°22 | 14°43 | 21°44 |
| S 14 | 17 28 29 | 22°42'59 | 18°56 | 13°24 | 20°43 | 28°59 | 22°49 | 13°59 | 8° 0 | 0° 9 | 21°56 | 4°48 | 3°19 | 14°50 | 21°46 |
| M15 | 17 32 25 | 23°40'18 | 2♌59 | 15° 0 | 21°56 | 29°39 | 22°54 | 13°57 | 8° 3 | 0°10 | 21°57 | 4°41 | 3°16 | 14°56 | 21°48 |
| T 16 | 17 36 22 | 24°37'36 | 16°44 | 16°33 | 23° 8 | 0♌19 | 22°59 | 13°55 | 8° 6 | 0°12 | 21°59 | 4°33 | 3°13 | 15° 3 | 21°50 |
| W17 | 17 40 19 | 25°34'54 | 0♌ 7 | 18° 4 | 24°20 | 0°59 | 23° 3 | 13°53 | 8° 9 | 0°13 | 22° 0 | 4°25 | 3°10 | 15°10 | 21°52 |
| T 18 | 17 44 15 | 26°32'10 | 13° 9 | 19°32 | 25°32 | 1°39 | 23° 8 | 13°51 | 8°12 | 0°15 | 22° 1 | 4°17 | 3° 6 | 15°16 | 21°54 |
| F 19 | 17 48 12 | 27°29'26 | 25°48 | 20°58 | 26°44 | 2°19 | 23°14 | 13°49 | 8°15 | 0°16 | 22° 2 | 4°11 | 3° 3 | 15°23 | 21°56 |
| S 20 | 17 52 8 | 28°26'42 | 8♍ 9 | 22°21 | 27°56 | 2°59 | 23°19 | 13°46 | 8°18 | 0°17 | 22° 3 | 4° 7 | 3° 0 | 15°30 | 21°58 |
| S 21 | 17 56 5 | 29°23'56 | 20°15 | 23°41 | 29° 9 | 3°39 | 23°24 | 13°44 | 8°21 | 0°19 | 22° 4 | 4° 5 | 2°57 | 15°36 | 22° 0 |
| M22 | 18 0 1 | 0♌21'10 | 2♌10 | 24°59 | 0♌21 | 4°19 | 23°30 | 13°41 | 8°24 | 0°20 | 22° 5 | 4°D 4 | 2°54 | 15°43 | 22° 2 |
| T 23 | 18 3 58 | 1°18'24 | 13°59 | 26°14 | 1°32 | 4°59 | 23°36 | 13°38 | 8°27 | 0°21 | 22° 7 | 4° 5 | 2°51 | 15°50 | 22° 4 |
| W24 | 18 7 54 | 2°15'37 | 25°49 | 27°26 | 2°44 | 5°39 | 23°42 | 13°36 | 8°30 | 0°23 | 22° 8 | 4° 6 | 2°47 | 15°56 | 22° 5 |
| T 25 | 18 11 51 | 3°12'49 | 7♍43 | 28°35 | 3°56 | 6°18 | 23°48 | 13°33 | 8°33 | 0°24 | 22° 9 | 4°R 6 | 2°44 | 16° 3 | 22° 7 |
| F 26 | 18 15 48 | 4°10'01 | 19°47 | 29°41 | 5° 8 | 6°58 | 23°54 | 13°30 | 8°37 | 0°25 | 22°10 | 4° 5 | 2°41 | 16°10 | 22° 9 |
| S 27 | 18 19 44 | 5° 7'12 | 2♌ 4 | 0♌44 | 6°20 | 7°38 | 24° 0 | 13°27 | 8°40 | 0°26 | 22°11 | 4° 1 | 2°38 | 16°16 | 22°10 |
| S 28 | 18 23 41 | 6° 4'23 | 14°38 | 1°44 | 7°32 | 8°18 | 24° 7 | 13°24 | 8°43 | 0°28 | 22°12 | 3°55 | 2°35 | 16°23 | 22°12 |
| M29 | 18 27 37 | 7° 1'34 | 27°29 | 2°40 | 8°43 | 8°57 | 24°13 | 13°21 | 8°46 | 0°29 | 22°13 | 3°47 | 2°32 | 16°29 | 22°13 |
| T 30 | 18 31 34 | 7♌58'45 | 10♌39 | 3♌34 | 9♌55 | 9♌37 | 24♍20 | 13♌18 | 8♌50 | 0♌30 | 22♌14 | 3♌38 | 2♌28 | 16♌36 | 22♍15 |

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SWISS EPHEMERIS for the year 1874

JULY 1874

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| Day | Sid.t | ☉ | ☽ | ♀ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ |
|------|----------|----------|-------|-------|-------|-------|-------|--------|-------|------|-------|-------|------|-------|--------|
| W 1 | 18 35 30 | 8°55'56 | 24♄5 | 4♃24 | 11♂7 | 10♄16 | 24♃27 | 13°R15 | 8♂53 | 0♄31 | 22♄15 | 3°R27 | 2♄25 | 16♄43 | 22°V16 |
| T 2 | 18 39 27 | 9°53'07 | 7♃45 | 5°10 | 12°18 | 10°56 | 24°34 | 13♃11 | 8°56 | 0°32 | 22°16 | 3♄17 | 2°22 | 16°49 | 22°17 |
| F 3 | 18 43 24 | 10°50'18 | 21°37 | 5°53 | 13°30 | 11°36 | 24°41 | 13° 8 | 9° 0 | 0°33 | 22°17 | 3° 8 | 2°19 | 16°56 | 22°19 |
| S 4 | 18 47 20 | 11°47'29 | 5♃37 | 6°31 | 14°41 | 12°15 | 24°48 | 13° 5 | 9° 3 | 0°34 | 22°18 | 3° 1 | 2°16 | 17° 3 | 22°20 |
| S 5 | 18 51 17 | 12°44'40 | 19°41 | 7° 6 | 15°53 | 12°55 | 24°55 | 13° 1 | 9° 6 | 0°35 | 22°19 | 2°57 | 2°12 | 17° 9 | 22°21 |
| M 6 | 18 55 13 | 13°41'51 | 3♄48 | 7°37 | 17° 4 | 13°34 | 25° 3 | 12°58 | 9°10 | 0°36 | 22°20 | 2°55 | 2° 9 | 17°16 | 22°22 |
| T 7 | 18 59 10 | 14°39'03 | 17°56 | 8° 4 | 18°15 | 14°13 | 25°11 | 12°54 | 9°13 | 0°37 | 22°21 | 2°D55 | 2° 6 | 17°23 | 22°23 |
| W 8 | 19 3 6 | 15°36'16 | 2♄ 4 | 8°26 | 19°26 | 14°53 | 25°18 | 12°50 | 9°17 | 0°38 | 22°21 | 2°R55 | 2° 3 | 17°29 | 22°24 |
| T 9 | 19 7 3 | 16°33'29 | 16°11 | 8°44 | 20°38 | 15°32 | 25°26 | 12°47 | 9°20 | 0°39 | 22°22 | 2°54 | 2° 0 | 17°36 | 22°25 |
| F 10 | 19 10 59 | 17°30'42 | 0♄15 | 8°58 | 21°49 | 16°11 | 25°34 | 12°43 | 9°24 | 0°39 | 22°23 | 2°52 | 1°57 | 17°43 | 22°26 |
| S 11 | 19 14 56 | 18°27'56 | 14°14 | 9° 6 | 23° 0 | 16°51 | 25°42 | 12°39 | 9°27 | 0°40 | 22°24 | 2°47 | 1°53 | 17°49 | 22°27 |
| S 12 | 19 18 53 | 19°25'10 | 28° 6 | 9°R10 | 24°11 | 17°30 | 25°50 | 12°35 | 9°31 | 0°41 | 22°25 | 2°39 | 1°50 | 17°56 | 22°28 |
| M13 | 19 22 49 | 20°22'25 | 11♄46 | 9°10 | 25°22 | 18° 9 | 25°59 | 12°31 | 9°34 | 0°42 | 22°26 | 2°29 | 1°47 | 18° 3 | 22°29 |
| T 14 | 19 26 46 | 21°19'41 | 25°13 | 9° 4 | 26°33 | 18°48 | 26° 7 | 12°27 | 9°38 | 0°42 | 22°26 | 2°17 | 1°44 | 18° 9 | 22°29 |
| W15 | 19 30 42 | 22°16'56 | 8♂23 | 8°54 | 27°44 | 19°28 | 26°16 | 12°23 | 9°41 | 0°43 | 22°27 | 2° 5 | 1°41 | 18°16 | 22°30 |
| T 16 | 19 34 39 | 23°14'12 | 21°15 | 8°38 | 28°55 | 20° 7 | 26°24 | 12°19 | 9°45 | 0°44 | 22°28 | 1°54 | 1°38 | 18°23 | 22°31 |
| F 17 | 19 38 35 | 24°11'28 | 3♃49 | 8°19 | 0♃ 6 | 20°46 | 26°33 | 12°15 | 9°49 | 0°44 | 22°29 | 1°44 | 1°34 | 18°29 | 22°31 |
| S 18 | 19 42 32 | 25° 8'44 | 16° 7 | 7°55 | 1°16 | 21°25 | 26°42 | 12°11 | 9°52 | 0°45 | 22°29 | 1°36 | 1°31 | 18°36 | 22°32 |
| S 19 | 19 46 28 | 26° 6'01 | 28°11 | 7°26 | 2°27 | 22° 4 | 26°51 | 12° 7 | 9°56 | 0°45 | 22°30 | 1°32 | 1°28 | 18°43 | 22°32 |
| M20 | 19 50 25 | 27° 3'17 | 10♄ 4 | 6°54 | 3°37 | 22°43 | 27° 0 | 12° 2 | 10° 0 | 0°46 | 22°31 | 1°29 | 1°25 | 18°49 | 22°32 |
| T 21 | 19 54 22 | 28° 0'34 | 21°53 | 6°19 | 4°48 | 23°22 | 27° 9 | 11°58 | 10° 3 | 0°46 | 22°31 | 1°28 | 1°22 | 18°56 | 22°33 |
| W22 | 19 58 18 | 28°57'52 | 3♃43 | 5°41 | 5°58 | 24° 1 | 27°19 | 11°54 | 10° 7 | 0°47 | 22°32 | 1°28 | 1°18 | 19° 2 | 22°33 |
| T 23 | 20 2 15 | 29°55'10 | 15°38 | 5° 0 | 7° 9 | 24°40 | 27°28 | 11°49 | 10°10 | 0°47 | 22°33 | 1°28 | 1°15 | 19° 9 | 22°33 |
| F 24 | 20 6 11 | 0♄52'28 | 27°44 | 4°18 | 8°19 | 25°19 | 27°37 | 11°45 | 10°14 | 0°48 | 22°33 | 1°26 | 1°12 | 19°16 | 22°33 |
| S 25 | 20 10 8 | 1°49'47 | 10♄ 6 | 3°35 | 9°29 | 25°58 | 27°47 | 11°41 | 10°18 | 0°48 | 22°34 | 1°22 | 1° 9 | 19°22 | 22°34 |
| S 26 | 20 14 4 | 2°47'06 | 22°48 | 2°51 | 10°39 | 26°37 | 27°57 | 11°36 | 10°22 | 0°48 | 22°34 | 1°16 | 1° 6 | 19°29 | 22°34 |
| M27 | 20 18 1 | 3°44'26 | 5♄51 | 2° 9 | 11°50 | 27°16 | 28° 6 | 11°32 | 10°25 | 0°49 | 22°35 | 1° 7 | 1° 3 | 19°36 | 22°R34 |
| T 28 | 20 21 57 | 4°41'46 | 19°18 | 1°27 | 13° 0 | 27°55 | 28°16 | 11°28 | 10°29 | 0°49 | 22°36 | 0°56 | 0°59 | 19°42 | 22°34 |
| W29 | 20 25 54 | 5°39'08 | 3♃ 6 | 0°48 | 14° 9 | 28°34 | 28°26 | 11°23 | 10°33 | 0°49 | 22°36 | 0°44 | 0°56 | 19°49 | 22°33 |
| T 30 | 20 29 51 | 6°36'29 | 17°11 | 0°12 | 15°19 | 29°12 | 28°36 | 11°19 | 10°36 | 0°49 | 22°37 | 0°33 | 0°53 | 19°56 | 22°33 |
| F 31 | 20 33 47 | 7♂33'52 | 1♃28 | 29♄39 | 16♃29 | 29♄51 | 28♃46 | 11♃14 | 10♂40 | 0♄49 | 22♄37 | 0♄23 | 0♄50 | 20♄ 2 | 22°V33 |

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AUGUST 1874

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| Day | Sid.t | ☉ | ☽ | ♀ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ |
|------|----------|----------|--------|--------|-------|-------|-------|--------|-------|-------|--------|--------|--------|-------|--------|
| S 1 | 20 37 44 | 8♂31'16 | 15♃52 | 29°R11 | 17♃39 | 0♄30 | 28♃57 | 11°R10 | 10♂44 | 0♄49 | 22♄38 | 0°R15 | 0♄47 | 20♄ 9 | 22°R33 |
| S 2 | 20 41 40 | 9°28'41 | 0♄17 | 28♄47 | 18°48 | 1° 9 | 29° 7 | 11♃ 5 | 10°47 | 0°50 | 22°38 | 0♄10 | 0°44 | 20°16 | 22°V32 |
| M 3 | 20 45 37 | 10°26'07 | 14°39 | 28°29 | 19°58 | 1°47 | 29°17 | 11° 1 | 10°51 | 0°50 | 22°38 | 0° 8 | 0°40 | 20°22 | 22°32 |
| T 4 | 20 49 33 | 11°23'34 | 28°54 | 28°16 | 21° 7 | 2°26 | 29°28 | 10°56 | 10°55 | 0°R50 | 22°39 | 0°D 7 | 0°37 | 20°29 | 22°32 |
| W 5 | 20 53 30 | 12°21'03 | 13♄ 1 | 28°D10 | 22°17 | 3° 5 | 29°38 | 10°52 | 10°59 | 0°50 | 22°39 | 0°R 7 | 0°34 | 20°36 | 22°31 |
| T 6 | 20 57 26 | 13°18'33 | 26°59 | 28°10 | 23°26 | 3°43 | 29°49 | 10°47 | 11° 2 | 0°49 | 22°39 | 0° 6 | 0°31 | 20°42 | 22°31 |
| F 7 | 21 1 23 | 14°16'04 | 10♄47 | 28°17 | 24°35 | 4°22 | 0♄ 0 | 10°43 | 11° 6 | 0°49 | 22°40 | 0° 4 | 0°28 | 20°49 | 22°30 |
| S 8 | 21 5 20 | 15°13'37 | 24°25 | 28°30 | 25°44 | 5° 0 | 0°10 | 10°38 | 11°10 | 0°49 | 22°40 | 29°V59 | 0°24 | 20°55 | 22°29 |
| S 9 | 21 9 16 | 16°11'11 | 7♄54 | 28°51 | 26°53 | 5°39 | 0°21 | 10°34 | 11°13 | 0°49 | 22°40 | 29°52 | 0°21 | 21° 2 | 22°29 |
| M10 | 21 13 13 | 17° 8'47 | 21°11 | 29°18 | 28° 2 | 6°18 | 0°32 | 10°30 | 11°17 | 0°49 | 22°41 | 29°42 | 0°18 | 21° 9 | 22°28 |
| T 11 | 21 17 9 | 18° 6'23 | 4♂15 | 29°53 | 29°11 | 6°56 | 0°43 | 10°25 | 11°21 | 0°49 | 22°41 | 29°31 | 0°15 | 21°15 | 22°27 |
| W12 | 21 21 6 | 19° 4'01 | 17° 6 | 0♄34 | 0♄20 | 7°35 | 0°54 | 10°21 | 11°25 | 0°49 | 22°41 | 29°18 | 0°12 | 21°22 | 22°26 |
| T 13 | 21 25 2 | 20° 1'41 | 29°44 | 1°22 | 1°28 | 8°13 | 1° 5 | 10°16 | 11°28 | 0°48 | 22°41 | 29° 7 | 0° 9 | 21°29 | 22°25 |
| F 14 | 21 28 59 | 20°59'21 | 12♃ 6 | 2°17 | 2°37 | 8°52 | 1°17 | 10°12 | 11°32 | 0°48 | 22°42 | 28°57 | 0° 5 | 21°35 | 22°24 |
| S 15 | 21 32 55 | 21°57'02 | 24°16 | 3°18 | 3°45 | 9°30 | 1°28 | 10° 8 | 11°36 | 0°48 | 22°42 | 28°50 | 0° 2 | 21°42 | 22°23 |
| S 16 | 21 36 52 | 22°54'45 | 6♄15 | 4°25 | 4°53 | 10° 9 | 1°39 | 10° 3 | 11°39 | 0°47 | 22°42 | 28°45 | 29°V59 | 21°49 | 22°22 |
| M17 | 21 40 49 | 23°52'29 | 18° 6 | 5°38 | 6° 1 | 10°47 | 1°51 | 9°59 | 11°43 | 0°47 | 22°42 | 28°43 | 29°56 | 21°55 | 22°21 |
| T 18 | 21 44 45 | 24°50'14 | 29°54 | 6°58 | 7°10 | 11°25 | 2° 2 | 9°55 | 11°47 | 0°46 | 22°42 | 28°D42 | 29°53 | 22° 2 | 22°20 |
| W19 | 21 48 42 | 25°48'00 | 11♃42 | 8°22 | 8°18 | 12° 4 | 2°14 | 9°51 | 11°50 | 0°46 | 22°42 | 28°42 | 29°50 | 22° 9 | 22°19 |
| T 20 | 21 52 38 | 26°45'47 | 23°36 | 9°52 | 9°25 | 12°42 | 2°25 | 9°46 | 11°54 | 0°45 | 22°42 | 28°R43 | 29°46 | 22°15 | 22°18 |
| F 21 | 21 56 35 | 27°43'36 | 5♃41 | 11°26 | 10°33 | 13°20 | 2°37 | 9°42 | 11°57 | 0°45 | 22°42 | 28°43 | 29°43 | 22°22 | 22°16 |
| S 22 | 22 0 31 | 28°41'25 | 18° 3 | 13° 4 | 11°41 | 13°59 | 2°48 | 9°38 | 12° 1 | 0°44 | 22°42 | 28°41 | 29°40 | 22°29 | 22°15 |
| S 23 | 22 4 28 | 29°39'16 | 0♄47 | 14°46 | 12°48 | 14°37 | 3° 0 | 9°34 | 12° 5 | 0°44 | 22°R42 | 28°37 | 29°37 | 22°35 | 22°13 |
| M24 | 22 8 24 | 0♃37'08 | 13°55 | 16°32 | 13°55 | 15°15 | 3°12 | 9°30 | 12° 8 | 0°43 | 22°42 | 28°31 | 29°34 | 22°42 | 22°12 |
| T 25 | 22 12 21 | 1°35'02 | 27°29 | 18°20 | 15° 3 | 15°54 | 3°24 | 9°26 | 12°12 | 0°42 | 22°42 | 28°23 | 29°30 | 22°48 | 22°11 |
| W26 | 22 16 18 | 2°32'57 | 11♃29 | 20°11 | 16°10 | 16°32 | 3°36 | 9°22 | 12°15 | 0°42 | 22°42 | 28°14 | 29°27 | 22°55 | 22° 9 |
| T 27 | 22 20 14 | 3°30'53 | 25°51 | 22° 4 | 17°16 | 17°10 | 3°48 | 9°18 | 12°19 | 0°41 | 22°42 | 28° 5 | 29°24 | 23° 2 | 22° 7 |
| F 28 | 22 24 11 | 4°28'51 | 10♃30 | 23°59 | 18°23 | 17°48 | 4° 0 | 9°14 | 12°22 | 0°40 | 22°42 | 27°58 | 29°21 | 23° 8 | 22° 6 |
| S 29 | 22 28 7 | 5°26'50 | 25°18 | 25°54 | 19°30 | 18°26 | 4°12 | 9°11 | 12°26 | 0°39 | 22°42 | 27°52 | 29°18 | 23°15 | 22° 4 |
| S 30 | 22 32 4 | 6°24'51 | 10♄ 8 | 27°51 | 20°36 | 19° 5 | 4°24 | 9° 7 | 12°29 | 0°39 | 22°42 | 27°49 | 29°15 | 23°22 | 22° 2 |
| M31 | 22 36 0 | 7♃22'54 | 24°V51 | 29♂48 | 21♄42 | 19♂43 | 4♄36 | 9♃ 3 | 12♂33 | 0♄38 | 22♄42 | 27°D47 | 29°V11 | 23♄28 | 22°V 1 |

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SWISS EPHEMERIS for the year 1874

SEPTEMBER 1874

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| Day | Sid.t | ☉ | ☽ | ♀ | ♁ | ♂ | ♃ | ♅ | ♁ | ♁ | ♁ | ♁ | ♁ | ♁ | ♁ |
|------|----------|----------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--------|--------|-------|--------|
| T 1 | 22 39 57 | 8♍20'58 | 9♄23 | 1♃45 | 22♂49 | 20♁21 | 4♃48 | 8°R59 | 12♁36 | 0°R37 | 22°R42 | 27°Y48 | 29°Y 8 | 23♂35 | 21°R59 |
| W 2 | 22 43 53 | 9°19'05 | 23°39 | 3°43 | 23°55 | 20°59 | 5° 1 | 8≈56 | 12°40 | 0♁36 | 22♁41 | 27°49 | 29° 5 | 23°42 | 21°Y57 |
| T 3 | 22 47 50 | 10°17'14 | 7♂39 | 5°40 | 25° 0 | 21°37 | 5°13 | 8°52 | 12°43 | 0°35 | 22°41 | 27°R49 | 29° 2 | 23°48 | 21°55 |
| F 4 | 22 51 47 | 11°15'25 | 21°23 | 7°37 | 26° 6 | 22°15 | 5°25 | 8°49 | 12°47 | 0°34 | 22°41 | 27°49 | 28°59 | 23°55 | 21°53 |
| S 5 | 22 55 43 | 12°13'38 | 4♁50 | 9°33 | 27°11 | 22°53 | 5°38 | 8°46 | 12°50 | 0°33 | 22°41 | 27°47 | 28°55 | 24° 2 | 21°51 |
| S 6 | 22 59 40 | 13°11'53 | 18° 1 | 11°28 | 28°17 | 23°31 | 5°50 | 8°42 | 12°53 | 0°32 | 22°40 | 27°43 | 28°52 | 24° 8 | 21°49 |
| M 7 | 23 3 36 | 14°10'10 | 0♁59 | 13°23 | 29°22 | 24° 9 | 6° 2 | 8°39 | 12°57 | 0°31 | 22°40 | 27°37 | 28°49 | 24°15 | 21°47 |
| T 8 | 23 7 33 | 15° 8'29 | 13°43 | 15°16 | 0♁27 | 24°48 | 6°15 | 8°36 | 13° 0 | 0°30 | 22°40 | 27°29 | 28°46 | 24°21 | 21°45 |
| W 9 | 23 11 29 | 16° 6'50 | 26°15 | 17° 9 | 1°31 | 25°26 | 6°27 | 8°33 | 13° 3 | 0°29 | 22°39 | 27°22 | 28°43 | 24°28 | 21°43 |
| T 10 | 23 15 26 | 17° 5'12 | 8♁36 | 19° 1 | 2°36 | 26° 4 | 6°40 | 8°30 | 13° 6 | 0°28 | 22°39 | 27°15 | 28°40 | 24°35 | 21°41 |
| F 11 | 23 19 22 | 18° 3'37 | 20°46 | 20°52 | 3°40 | 26°42 | 6°52 | 8°27 | 13°10 | 0°27 | 22°39 | 27° 9 | 28°36 | 24°41 | 21°38 |
| S 12 | 23 23 19 | 19° 2'03 | 2♂46 | 22°42 | 4°44 | 27°20 | 7° 5 | 8°24 | 13°13 | 0°26 | 22°38 | 27° 4 | 28°33 | 24°48 | 21°36 |
| S 13 | 23 27 16 | 20° 0'31 | 14°39 | 24°30 | 5°48 | 27°57 | 7°18 | 8°21 | 13°16 | 0°25 | 22°38 | 27° 1 | 28°30 | 24°55 | 21°34 |
| M14 | 23 31 12 | 20°59'01 | 26°27 | 26°18 | 6°52 | 28°35 | 7°30 | 8°19 | 13°19 | 0°23 | 22°37 | 27°D 1 | 28°27 | 25° 1 | 21°31 |
| T 15 | 23 35 9 | 21°57'33 | 8♁13 | 28° 4 | 7°55 | 29°13 | 7°43 | 8°16 | 13°22 | 0°22 | 22°37 | 27° 1 | 28°24 | 25° 8 | 21°29 |
| W16 | 23 39 5 | 22°56'07 | 20° 1 | 29°50 | 8°58 | 29°51 | 7°56 | 8°13 | 13°25 | 0°21 | 22°36 | 27° 3 | 28°21 | 25°15 | 21°27 |
| T 17 | 23 43 2 | 23°54'42 | 1♂54 | 1♂34 | 10° 1 | 0♁29 | 8° 9 | 8°11 | 13°28 | 0°20 | 22°36 | 27° 4 | 28°17 | 25°21 | 21°24 |
| F 18 | 23 46 58 | 24°53'19 | 13°59 | 3°18 | 11° 4 | 1° 7 | 8°21 | 8° 9 | 13°31 | 0°18 | 22°35 | 27° 6 | 28°14 | 25°28 | 21°22 |
| S 19 | 23 50 55 | 25°51'58 | 26°18 | 5° 0 | 12° 7 | 1°45 | 8°34 | 8° 6 | 13°34 | 0°17 | 22°35 | 27°R 6 | 28°11 | 25°35 | 21°19 |
| S 20 | 23 54 51 | 26°50'38 | 8♁58 | 6°41 | 13° 9 | 2°23 | 8°47 | 8° 4 | 13°37 | 0°16 | 22°34 | 27° 6 | 28° 8 | 25°41 | 21°17 |
| M21 | 23 58 48 | 27°49'20 | 22° 3 | 8°22 | 14°10 | 3° 1 | 9° 0 | 8° 2 | 13°40 | 0°14 | 22°34 | 27° 4 | 28° 5 | 25°48 | 21°14 |
| T 22 | 0 2 45 | 28°48'04 | 5♁34 | 10° 1 | 15°12 | 3°38 | 9°13 | 8° 0 | 13°43 | 0°13 | 22°33 | 27° 1 | 28° 1 | 25°54 | 21°12 |
| W23 | 0 6 41 | 29°46'49 | 19°34 | 11°40 | 16°13 | 4°16 | 9°26 | 7°58 | 13°46 | 0°12 | 22°33 | 26°57 | 27°58 | 26° 1 | 21° 9 |
| T 24 | 0 10 38 | 0♂45'36 | 4♁ 0 | 13°17 | 17°14 | 4°54 | 9°38 | 7°56 | 13°49 | 0°10 | 22°32 | 26°53 | 27°55 | 26° 8 | 21° 7 |
| F 25 | 0 14 34 | 1°44'25 | 18°48 | 14°54 | 18°15 | 5°32 | 9°51 | 7°55 | 13°52 | 0° 9 | 22°31 | 26°50 | 27°52 | 26°14 | 21° 4 |
| S 26 | 0 18 31 | 2°43'16 | 3°Y50 | 16°29 | 19°15 | 6° 9 | 10° 4 | 7°53 | 13°54 | 0° 7 | 22°31 | 26°47 | 27°49 | 26°21 | 21° 1 |
| S 27 | 0 22 27 | 3°42'09 | 18°58 | 18° 4 | 20°15 | 6°47 | 10°17 | 7°51 | 13°57 | 0° 6 | 22°30 | 26°46 | 27°46 | 26°28 | 20°59 |
| M28 | 0 26 24 | 4°41'04 | 4♁ 2 | 19°38 | 21°14 | 7°25 | 10°30 | 7°50 | 14° 0 | 0° 4 | 22°29 | 26°D46 | 27°42 | 26°34 | 20°56 |
| T 29 | 0 30 20 | 5°40'01 | 18°54 | 21°11 | 22°14 | 8° 3 | 10°43 | 7°48 | 14° 2 | 0° 3 | 22°29 | 26°47 | 27°39 | 26°41 | 20°53 |
| W30 | 0 34 17 | 6♂39'01 | 3♂29 | 22♂43 | 23♁12 | 8♁40 | 10♂56 | 7≈47 | 14♁ 5 | 0♁ 1 | 22♁28 | 26°Y48 | 27°Y36 | 26♂48 | 20°Y51 |

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OCTOBER 1874

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| Day | Sid.t | ☉ | ☽ | ♀ | ♁ | ♂ | ♃ | ♅ | ♁ | ♁ | ♁ | ♁ | ♁ | ♁ | ♁ |
|------|---------|----------|--------|-------|-------|-------|-------|-------|-------|--------|--------|--------|--------|-------|--------|
| T 1 | 0 38 13 | 7♂38'02 | 17♂41 | 24♂14 | 24♁11 | 9♁18 | 11♂ 9 | 7°R46 | 14♁ 8 | 0°R 0 | 22°R27 | 26°Y49 | 27°Y33 | 26♂54 | 20°R48 |
| F 2 | 0 42 10 | 8°37'07 | 1♁30 | 25°44 | 25° 9 | 9°56 | 11°22 | 7≈45 | 14°10 | 29°Y58 | 22♁26 | 26°50 | 27°30 | 27° 1 | 20°Y45 |
| S 3 | 0 46 7 | 9°36'13 | 14°56 | 27°14 | 26° 6 | 10°33 | 11°35 | 7°44 | 14°13 | 29°57 | 22°26 | 26°R50 | 27°27 | 27° 8 | 20°42 |
| S 4 | 0 50 3 | 10°35'22 | 28° 1 | 28°43 | 27° 3 | 11°11 | 11°48 | 7°43 | 14°15 | 29°55 | 22°25 | 26°49 | 27°23 | 27°14 | 20°40 |
| M 5 | 0 54 0 | 11°34'33 | 10♁47 | 0♁11 | 28° 0 | 11°49 | 12° 1 | 7°42 | 14°18 | 29°54 | 22°24 | 26°48 | 27°20 | 27°21 | 20°37 |
| T 6 | 0 57 56 | 12°33'47 | 23°17 | 1°38 | 28°56 | 12°26 | 12°14 | 7°42 | 14°20 | 29°52 | 22°23 | 26°46 | 27°17 | 27°28 | 20°34 |
| W 7 | 1 1 53 | 13°33'03 | 5♁35 | 3° 4 | 29°52 | 13° 4 | 12°27 | 7°41 | 14°22 | 29°51 | 22°22 | 26°44 | 27°14 | 27°34 | 20°31 |
| T 8 | 1 5 49 | 14°32'20 | 17°41 | 4°29 | 0♂47 | 13°41 | 12°40 | 7°41 | 14°24 | 29°49 | 22°21 | 26°42 | 27°11 | 27°41 | 20°28 |
| F 9 | 1 9 46 | 15°31'40 | 29°40 | 5°53 | 1°42 | 14°19 | 12°53 | 7°40 | 14°27 | 29°47 | 22°21 | 26°41 | 27° 7 | 27°47 | 20°26 |
| S 10 | 1 13 42 | 16°31'02 | 11♂32 | 7°16 | 2°36 | 14°57 | 13° 6 | 7°40 | 14°29 | 29°46 | 22°20 | 26°40 | 27° 4 | 27°54 | 20°23 |
| S 11 | 1 17 39 | 17°30'27 | 23°21 | 8°39 | 3°30 | 15°34 | 13°19 | 7°40 | 14°31 | 29°44 | 22°19 | 26°D39 | 27° 1 | 28° 1 | 20°20 |
| M12 | 1 21 36 | 18°29'53 | 5♁ 8 | 10° 0 | 4°23 | 16°12 | 13°32 | 7°D40 | 14°33 | 29°42 | 22°18 | 26°39 | 26°58 | 28° 7 | 20°17 |
| T 13 | 1 25 32 | 19°29'21 | 16°55 | 11°20 | 5°15 | 16°49 | 13°45 | 7°40 | 14°35 | 29°41 | 22°17 | 26°40 | 26°55 | 28°14 | 20°14 |
| W14 | 1 29 29 | 20°28'51 | 28°45 | 12°39 | 6° 7 | 17°27 | 13°58 | 7°40 | 14°37 | 29°39 | 22°16 | 26°41 | 26°52 | 28°21 | 20°11 |
| T 15 | 1 33 25 | 21°28'23 | 10♂42 | 13°57 | 6°58 | 18° 4 | 14°11 | 7°40 | 14°39 | 29°37 | 22°15 | 26°41 | 26°48 | 28°27 | 20° 9 |
| F 16 | 1 37 22 | 22°27'57 | 22°49 | 15°14 | 7°48 | 18°42 | 14°24 | 7°40 | 14°41 | 29°36 | 22°14 | 26°42 | 26°45 | 28°34 | 20° 6 |
| S 17 | 1 41 18 | 23°27'33 | 5♁ 9 | 16°29 | 8°38 | 19°19 | 14°37 | 7°41 | 14°43 | 29°34 | 22°13 | 26°42 | 26°42 | 28°41 | 20° 3 |
| S 18 | 1 45 15 | 24°27'10 | 17°46 | 17°43 | 9°27 | 19°57 | 14°50 | 7°41 | 14°45 | 29°32 | 22°12 | 26°42 | 26°39 | 28°47 | 20° 0 |
| M19 | 1 49 11 | 25°26'50 | 0≈44 | 18°55 | 10°15 | 20°34 | 15° 3 | 7°42 | 14°47 | 29°31 | 22°11 | 26°R42 | 26°36 | 28°54 | 19°57 |
| T 20 | 1 53 8 | 26°26'31 | 14° 7 | 20° 5 | 11° 3 | 21°11 | 15°16 | 7°43 | 14°48 | 29°29 | 22°10 | 26°D42 | 26°33 | 29° 1 | 19°55 |
| W21 | 1 57 5 | 27°26'13 | 27°56 | 21°14 | 11°49 | 21°49 | 15°28 | 7°43 | 14°50 | 29°27 | 22° 9 | 26°42 | 26°29 | 29° 7 | 19°52 |
| T 22 | 2 1 1 | 28°25'57 | 12♁12 | 22°20 | 12°35 | 22°26 | 15°41 | 7°44 | 14°52 | 29°26 | 22° 8 | 26°42 | 26°26 | 29°14 | 19°49 |
| F 23 | 2 4 58 | 29°25'43 | 26°52 | 23°24 | 13°19 | 23° 3 | 15°54 | 7°45 | 14°53 | 29°24 | 22° 7 | 26°43 | 26°23 | 29°20 | 19°46 |
| S 24 | 2 8 54 | 0♁25'31 | 11°Y52 | 24°26 | 14° 3 | 23°41 | 16° 7 | 7°46 | 14°55 | 29°22 | 22° 6 | 26°43 | 26°20 | 29°27 | 19°43 |
| S 25 | 2 12 51 | 1°25'20 | 27° 4 | 25°24 | 14°46 | 24°18 | 16°20 | 7°48 | 14°56 | 29°21 | 22° 5 | 26°R43 | 26°17 | 29°34 | 19°41 |
| M26 | 2 16 47 | 2°25'12 | 12♁18 | 26°20 | 15°27 | 24°55 | 16°32 | 7°49 | 14°58 | 29°19 | 22° 4 | 26°43 | 26°13 | 29°40 | 19°38 |
| T 27 | 2 20 44 | 3°25'05 | 27°24 | 27°12 | 16° 8 | 25°33 | 16°45 | 7°50 | 14°59 | 29°17 | 22° 3 | 26°42 | 26°10 | 29°47 | 19°35 |
| W28 | 2 24 40 | 4°25'01 | 12♂15 | 28° 0 | 16°47 | 26°10 | 16°58 | 7°52 | 15° 0 | 29°16 | 22° 2 | 26°41 | 26° 7 | 29°54 | 19°32 |
| T 29 | 2 28 37 | 5°24'59 | 26°43 | 28°44 | 17°25 | 26°47 | 17°11 | 7°54 | 15° 2 | 29°14 | 22° 1 | 26°40 | 26° 4 | 0♁ 0 | 19°30 |
| F 30 | 2 32 34 | 6°24'59 | 10♁44 | 29°24 | 18° 2 | 27°25 | 17°23 | 7°55 | 15° 3 | 29°12 | 22° 0 | 26°39 | 26° 1 | 0° 7 | 19°27 |
| S 31 | 2 36 30 | 7♁25'01 | 24♁18 | 29♁58 | 18♂38 | 28♁ 2 | 17♂36 | 7≈57 | 15♁ 4 | 29°Y11 | 21♁59 | 26°Y39 | 25°Y58 | 0♁14 | 19°Y24 |

Delta T = -3.32 sec.

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SWISS EPHEMERIS for the year 1874

NOVEMBER 1874

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| Day | Sid.t | ☉ | ☽ | ♀ | ♁ | ♂ | ♃ | ♅ | ♁ | ♁ | ♁ | ♁ | ♁ | ♁ | ♁ |
|------|---------|----------|-------|--------|--------|-------|-------|------|--------|--------|--------|--------|--------|------|--------|
| S 1 | 2 40 27 | 8♁25'06 | 7♁26 | 0♁26 | 19♁12 | 28♁39 | 17♁48 | 7♁59 | 15♁5 | 29°R 9 | 21°R58 | 26°Y38 | 25°Y54 | 0♁20 | 19°R22 |
| M 2 | 2 44 23 | 9°25'12 | 20°10 | 0°47 | 19°46 | 29°16 | 18° 1 | 8° 1 | 15° 6 | 29°Y 7 | 21°B57 | 26°39 | 25°51 | 0°27 | 19°Y19 |
| T 3 | 2 48 20 | 10°25'20 | 2♁34 | 1° 2 | 20°17 | 29°54 | 18°14 | 8° 3 | 15° 7 | 29° 6 | 21°56 | 26°39 | 25°48 | 0°34 | 19°16 |
| W 4 | 2 52 16 | 11°25'31 | 14°44 | 1°R 9 | 20°47 | 0♁31 | 18°26 | 8° 6 | 15° 8 | 29° 4 | 21°54 | 26°41 | 25°45 | 0°40 | 19°14 |
| T 5 | 2 56 13 | 12°25'43 | 26°42 | 1° 7 | 21°16 | 1° 8 | 18°39 | 8° 8 | 15° 9 | 29° 2 | 21°53 | 26°42 | 25°42 | 0°47 | 19°11 |
| F 6 | 3 0 9 | 13°25'58 | 8♁33 | 0°57 | 21°43 | 1°45 | 18°51 | 8°10 | 15°10 | 29° 1 | 21°52 | 26°43 | 25°38 | 0°53 | 19° 9 |
| S 7 | 3 4 6 | 14°26'14 | 20°21 | 0°36 | 22° 8 | 2°22 | 19° 3 | 8°13 | 15°11 | 28°59 | 21°51 | 26°44 | 25°35 | 1° 0 | 19° 6 |
| S 8 | 3 8 3 | 15°26'32 | 2♁ 7 | 0° 6 | 22°32 | 2°59 | 19°16 | 8°15 | 15°12 | 28°58 | 21°50 | 26°R44 | 25°32 | 1° 7 | 19° 4 |
| M 9 | 3 11 59 | 16°26'52 | 13°56 | 29♁26 | 22°54 | 3°36 | 19°28 | 8°18 | 15°12 | 28°56 | 21°49 | 26°43 | 25°29 | 1°13 | 19° 1 |
| T 10 | 3 15 56 | 17°27'14 | 25°49 | 28°37 | 23°14 | 4°13 | 19°40 | 8°21 | 15°13 | 28°54 | 21°48 | 26°41 | 25°26 | 1°20 | 18°59 |
| W11 | 3 19 52 | 18°27'38 | 7♁47 | 27°38 | 23°32 | 4°51 | 19°52 | 8°24 | 15°13 | 28°53 | 21°47 | 26°38 | 25°23 | 1°27 | 18°56 |
| T 12 | 3 23 49 | 19°28'03 | 19°53 | 26°30 | 23°48 | 5°28 | 20° 5 | 8°27 | 15°14 | 28°51 | 21°46 | 26°34 | 25°19 | 1°33 | 18°54 |
| F 13 | 3 27 45 | 20°28'29 | 2♁ 9 | 25°16 | 24° 2 | 6° 5 | 20°17 | 8°30 | 15°14 | 28°50 | 21°44 | 26°30 | 25°16 | 1°40 | 18°52 |
| S 14 | 3 31 42 | 21°28'57 | 14°36 | 23°58 | 24°14 | 6°42 | 20°29 | 8°33 | 15°15 | 28°48 | 21°43 | 26°26 | 25°13 | 1°47 | 18°49 |
| S 15 | 3 35 38 | 22°29'27 | 27°17 | 22°37 | 24°23 | 7°19 | 20°41 | 8°36 | 15°15 | 28°47 | 21°42 | 26°23 | 25°10 | 1°53 | 18°47 |
| M16 | 3 39 35 | 23°29'58 | 10♁15 | 21°17 | 24°31 | 7°56 | 20°53 | 8°40 | 15°15 | 28°45 | 21°41 | 26°21 | 25° 7 | 2° 0 | 18°45 |
| T 17 | 3 43 32 | 24°30'30 | 23°32 | 19°59 | 24°36 | 8°32 | 21° 5 | 8°43 | 15°16 | 28°44 | 21°40 | 26°D21 | 25° 4 | 2° 7 | 18°43 |
| W18 | 3 47 28 | 25°31'03 | 7♁ 9 | 18°48 | 24°39 | 9° 9 | 21°16 | 8°47 | 15°16 | 28°42 | 21°39 | 26°21 | 25° 0 | 2°13 | 18°41 |
| T 19 | 3 51 25 | 26°31'37 | 21° 9 | 17°43 | 24°R39 | 9°46 | 21°28 | 8°50 | 15°16 | 28°41 | 21°38 | 26°22 | 24°57 | 2°20 | 18°39 |
| F 20 | 3 55 21 | 27°32'13 | 5°Y31 | 16°49 | 24°37 | 10°23 | 21°40 | 8°54 | 15°16 | 28°39 | 21°37 | 26°24 | 24°54 | 2°27 | 18°37 |
| S 21 | 3 59 18 | 28°32'49 | 20°13 | 16° 5 | 24°33 | 11° 0 | 21°52 | 8°58 | 15°R16 | 28°38 | 21°35 | 26°R25 | 24°51 | 2°33 | 18°35 |
| S 22 | 4 3 14 | 29°33'27 | 5♁10 | 15°33 | 24°26 | 11°37 | 22° 3 | 9° 1 | 15°16 | 28°36 | 21°34 | 26°25 | 24°48 | 2°40 | 18°33 |
| M23 | 4 7 11 | 0♁34'06 | 20°16 | 15°12 | 24°16 | 12°14 | 22°15 | 9° 5 | 15°16 | 28°35 | 21°33 | 26°23 | 24°44 | 2°46 | 18°31 |
| T 24 | 4 11 7 | 1°34'47 | 5♁20 | 15°D 3 | 24° 4 | 12°50 | 22°26 | 9° 9 | 15°16 | 28°34 | 21°32 | 26°19 | 24°41 | 2°53 | 18°29 |
| W25 | 4 15 4 | 2°35'29 | 20°15 | 15° 5 | 23°50 | 13°27 | 22°37 | 9°14 | 15°16 | 28°32 | 21°31 | 26°14 | 24°38 | 3° 0 | 18°27 |
| T 26 | 4 19 1 | 3°36'12 | 4♁51 | 15°17 | 23°33 | 14° 4 | 22°49 | 9°18 | 15°15 | 28°31 | 21°30 | 26° 8 | 24°35 | 3° 6 | 18°25 |
| F 27 | 4 22 57 | 4°36'57 | 19° 3 | 15°39 | 23°14 | 14°41 | 23° 0 | 9°22 | 15°15 | 28°30 | 21°29 | 26° 2 | 24°32 | 3°13 | 18°23 |
| S 28 | 4 26 54 | 5°37'44 | 2♁46 | 16° 9 | 22°53 | 15°17 | 23°11 | 9°26 | 15°15 | 28°29 | 21°28 | 25°57 | 24°29 | 3°20 | 18°22 |
| S 29 | 4 30 50 | 6°38'31 | 16° 1 | 16°47 | 22°29 | 15°54 | 23°22 | 9°31 | 15°14 | 28°27 | 21°27 | 25°53 | 24°25 | 3°26 | 18°20 |
| M30 | 4 34 47 | 7♁39'21 | 28♁50 | 17♁32 | 22♁ 3 | 16♁31 | 23♁33 | 9♁35 | 15♁14 | 28°Y26 | 21°B26 | 25°Y51 | 24°Y22 | 3♁33 | 18°Y18 |

Delta T = -3.35 sec.

DECEMBER 1874

00:00 UT

| Day | Sid.t | ☉ | ☽ | ♀ | ♁ | ♂ | ♃ | ♅ | ♁ | ♁ | ♁ | ♁ | ♁ | ♁ | ♁ |
|------|---------|----------|-------|-------|--------|-------|-------|-------|--------|--------|--------|--------|--------|------|--------|
| T 1 | 4 38 43 | 8♁40'11 | 11♁16 | 18♁24 | 21°R36 | 17♁ 7 | 23♁44 | 9♁40 | 15°R13 | 28°R25 | 21°R24 | 25°Y51 | 24°Y19 | 3♁40 | 18°R17 |
| W 2 | 4 42 40 | 9°41'03 | 23°24 | 19°20 | 21♁ 6 | 17°44 | 23°55 | 9°45 | 15°R13 | 28°Y24 | 21°B23 | 25°52 | 24°16 | 3°46 | 18°Y15 |
| T 3 | 4 46 37 | 10°41'56 | 5♁20 | 20°22 | 20°35 | 18°21 | 24° 6 | 9°49 | 15°12 | 28°23 | 21°22 | 25°53 | 24°13 | 3°53 | 18°14 |
| F 4 | 4 50 33 | 11°42'51 | 17° 8 | 21°27 | 20° 3 | 18°57 | 24°17 | 9°54 | 15°11 | 28°21 | 21°21 | 25°55 | 24°10 | 4° 0 | 18°12 |
| S 5 | 4 54 30 | 12°43'47 | 28°54 | 22°36 | 19°29 | 19°34 | 24°27 | 9°59 | 15°11 | 28°20 | 21°20 | 25°R55 | 24° 6 | 4° 6 | 18°11 |
| S 6 | 4 58 26 | 13°44'44 | 10♁42 | 23°48 | 18°54 | 20°10 | 24°38 | 10° 4 | 15°10 | 28°19 | 21°19 | 25°53 | 24° 3 | 4°13 | 18°10 |
| M 7 | 5 2 23 | 14°45'42 | 22°34 | 25° 3 | 18°19 | 20°47 | 24°48 | 10° 9 | 15° 9 | 28°18 | 21°18 | 25°50 | 24° 0 | 4°20 | 18° 8 |
| T 8 | 5 6 19 | 15°46'42 | 4♁35 | 26°20 | 17°43 | 21°23 | 24°59 | 10°14 | 15° 8 | 28°17 | 21°17 | 25°44 | 23°57 | 4°26 | 18° 7 |
| W 9 | 5 10 16 | 16°47'42 | 16°45 | 27°39 | 17° 7 | 21°59 | 25° 9 | 10°19 | 15° 7 | 28°16 | 21°16 | 25°36 | 23°54 | 4°33 | 18° 6 |
| T 10 | 5 14 12 | 17°48'43 | 29° 5 | 29° 0 | 16°30 | 22°36 | 25°19 | 10°24 | 15° 6 | 28°15 | 21°15 | 25°26 | 23°50 | 4°39 | 18° 5 |
| F 11 | 5 18 9 | 18°49'45 | 11♁38 | 0♁22 | 15°54 | 23°12 | 25°29 | 10°30 | 15° 5 | 28°14 | 21°14 | 25°15 | 23°47 | 4°46 | 18° 4 |
| S 12 | 5 22 6 | 19°50'48 | 24°21 | 1°45 | 15°18 | 23°49 | 25°39 | 10°35 | 15° 4 | 28°13 | 21°13 | 25° 5 | 23°44 | 4°53 | 18° 3 |
| S 13 | 5 26 2 | 20°51'51 | 7♁17 | 3°10 | 14°43 | 24°25 | 25°49 | 10°41 | 15° 3 | 28°12 | 21°12 | 24°56 | 23°41 | 4°59 | 18° 2 |
| M14 | 5 29 59 | 21°52'55 | 20°24 | 4°35 | 14° 9 | 25° 1 | 25°59 | 10°46 | 15° 1 | 28°12 | 21°11 | 24°50 | 23°38 | 5° 6 | 18° 1 |
| T 15 | 5 33 55 | 22°53'59 | 3♁45 | 6° 2 | 13°36 | 25°37 | 26° 9 | 10°52 | 15° 0 | 28°11 | 21°10 | 24°45 | 23°35 | 5°13 | 18° 0 |
| W16 | 5 37 52 | 23°55'04 | 17°20 | 7°29 | 13° 5 | 26°14 | 26°18 | 10°57 | 14°59 | 28°10 | 21° 9 | 24°44 | 23°31 | 5°19 | 17°59 |
| T 17 | 5 41 48 | 24°56'08 | 1°Y 9 | 8°56 | 12°35 | 26°50 | 26°28 | 11° 3 | 14°58 | 28° 9 | 21° 8 | 24°D44 | 23°28 | 5°26 | 17°58 |
| F 18 | 5 45 45 | 25°57'13 | 15°14 | 10°25 | 12° 6 | 27°26 | 26°37 | 11° 9 | 14°56 | 28° 8 | 21° 8 | 24°44 | 23°25 | 5°33 | 17°58 |
| S 19 | 5 49 41 | 26°58'19 | 29°34 | 11°53 | 11°40 | 28° 2 | 26°46 | 11°14 | 14°55 | 28° 8 | 21° 7 | 24°R44 | 23°22 | 5°39 | 17°57 |
| S 20 | 5 53 38 | 27°59'24 | 14♁ 7 | 13°23 | 11°15 | 28°38 | 26°55 | 11°20 | 14°53 | 28° 7 | 21° 6 | 24°43 | 23°19 | 5°46 | 17°57 |
| M21 | 5 57 35 | 29° 0'30 | 28°49 | 14°52 | 10°53 | 29°14 | 27° 4 | 11°26 | 14°52 | 28° 6 | 21° 5 | 24°39 | 23°16 | 5°53 | 17°56 |
| T 22 | 6 1 31 | 0♁ 1'36 | 13♁35 | 16°22 | 10°33 | 29°50 | 27°13 | 11°32 | 14°50 | 28° 6 | 21° 4 | 24°32 | 23°12 | 5°59 | 17°56 |
| W23 | 6 5 28 | 1° 2'43 | 28°15 | 17°53 | 10°16 | 0♁26 | 27°22 | 11°38 | 14°48 | 28° 5 | 21° 3 | 24°23 | 23° 9 | 6° 6 | 17°55 |
| T 24 | 6 9 24 | 2° 3'50 | 12♁43 | 19°23 | 10° 0 | 1° 2 | 27°31 | 11°44 | 14°47 | 28° 5 | 21° 2 | 24°12 | 23° 6 | 6°13 | 17°55 |
| F 25 | 6 13 21 | 3° 4'57 | 26°52 | 20°55 | 9°48 | 1°38 | 27°39 | 11°50 | 14°45 | 28° 4 | 21° 2 | 24° 0 | 23° 3 | 6°19 | 17°55 |
| S 26 | 6 17 17 | 4° 6'05 | 10♁37 | 22°26 | 9°38 | 2°14 | 27°48 | 11°56 | 14°43 | 28° 4 | 21° 1 | 23°50 | 23° 0 | 6°26 | 17°54 |
| S 27 | 6 21 14 | 5° 7'13 | 23°56 | 23°58 | 9°30 | 2°49 | 27°56 | 12° 3 | 14°41 | 28° 3 | 21° 0 | 23°41 | 22°56 | 6°33 | 17°54 |
| M28 | 6 25 11 | 6° 8'21 | 6♁49 | 25°30 | 9°25 | 3°25 | 28° 5 | 12° 9 | 14°40 | 28° 3 | 20°59 | 23°35 | 22°53 | 6°39 | 17°54 |
| T 29 | 6 29 7 | 7° 9'30 | 19°19 | 27° 2 | 9°22 | 4° 1 | 28°13 | 12°15 | 14°38 | 28° 3 | 20°59 | 23°31 | 22°50 | 6°46 | 17°D54 |
| W30 | 6 33 4 | 8°10'39 | 1♁30 | 28°35 | 9°D22 | 4°37 | 28°21 | 12°22 | 14°36 | 28° 2 | 20°58 | 23°30 | 22°47 | 6°52 | 17°54 |
| T 31 | 6 37 0 | 9♁11'48 | 13♁27 | 0♁ 8 | 9♁24 | 5♁12 | 28♁28 | 12♁28 | 14♁34 | 28°Y 2 | 20°B57 | 23°D29 | 22°Y44 | 6♁59 | 17°Y54 |

Delta T = -3.37 sec.

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