

Table with 17 columns: Day, ☉/♈, ☉/♉, ☉/♊, ☉/♋, ☉/♌, ☉/♍, ☉/♎, ☉/♏, ☉/♐, ☉/♑, ♃/♈, ♃/♉, ♃/♊, ♃/♋, ♃/♌, ♃/♍, ♃/♎, ♃/♏, ♃/♐, ♃/♑, Day. Contains 31 rows of astronomical data for January 1990.

Table with 17 columns: Day, ♃/♐, ♃/♑, ♃/♒, ♃/♓, ♃/♈, ♃/♉, ♃/♊, ♃/♋, ♃/♌, ♃/♍, ♃/♎, ♃/♏, ♃/♐, ♃/♑, ♃/♒, ♃/♓, Day. Contains 31 rows of astronomical data for January 1990.

Table with 17 columns: Day, ♃/♓, ♃/♈, ♃/♉, ♃/♊, ♃/♋, ♃/♌, ♃/♍, ♃/♎, ♃/♏, ♃/♐, ♃/♑, ♃/♒, ♃/♓, ♃/♈, ♃/♉, ♃/♊, ♃/♋, ♃/♌, ♃/♍, ♃/♎, ♃/♏, ♃/♐, ♃/♑, Day. Contains 31 rows of astronomical data for January 1990.

Delta T = 56.86 sec.

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Table with 17 columns: Day, ☉/♀, ☉/♀, ☉/♂, ☉/♃, ☉/♄, ☉/♅, ☉/♆, ☉/♇, ☉/♈, ♀/♀, ♀/♂, ♀/♃, ♀/♄, ♀/♅, ♀/♆, ♀/♇, Day. Contains astronomical data for February 1990.

Table with 17 columns: Day, ♀/♈, ♀/♉, ♀/♊, ♀/♋, ♀/♌, ♀/♍, ♀/♎, ♀/♏, ♀/♐, ♀/♑, ♀/♒, ♀/♓, ♀/♈, ♀/♉, ♀/♊, ♀/♋, ♀/♌, ♀/♍, ♀/♎, ♀/♏, ♀/♐, ♀/♑, ♀/♒, ♀/♓, Day. Contains astronomical data for February 1990.

Table with 17 columns: Day, ♃/♈, ♃/♉, ♃/♊, ♃/♋, ♃/♌, ♃/♍, ♃/♎, ♃/♏, ♃/♐, ♃/♑, ♃/♒, ♃/♓, ♃/♈, ♃/♉, ♃/♊, ♃/♋, ♃/♌, ♃/♍, ♃/♎, ♃/♏, ♃/♐, ♃/♑, ♃/♒, ♃/♓, Day. Contains astronomical data for February 1990.

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Table with 17 columns: Day, ☉/♀, ☉/♀, ☉/♂, ☉/♂, ☉/♂, ☉/♂, ☉/♂, ☉/♂, ☉/♂, ☉/♂, ♀/♀, ♀/♂, ♀/♂, ♀/♂, ♀/♂, Day. Contains planetary position data for March 1990.

Table with 17 columns: Day, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, Day. Contains planetary position data for March 1990.

Table with 17 columns: Day, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, Day. Contains planetary position data for March 1990.

Delta T = 56.97 sec.

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Table with 17 columns: Day, ☉/♀, ☉/♀, ☉/♂, ☉/♃, ☉/♄, ☉/♅, ☉/♆, ☉/♇, ☉/♈, ♀/♀, ♀/♂, ♀/♃, ♀/♄, ♀/♅, ♀/♆, ♀/♇, Day. Contains data for days S 1 to M 30.

Table with 17 columns: Day, ♀/♁, ♀/♂, ♀/♃, ♀/♄, ♀/♅, ♀/♆, ♀/♇, ♀/♈, ♀/♉, ♀/♊, ♀/♋, ♀/♌, ♀/♍, ♀/♎, ♀/♏, Day. Contains data for days S 1 to M 30.

Table with 17 columns: Day, ♃/♄, ♃/♅, ♃/♆, ♃/♇, ♃/♈, ♃/♉, ♃/♊, ♃/♋, ♃/♌, ♃/♍, ♃/♎, ♃/♏, ♃/♐, ♃/♑, ♃/♒, Day. Contains data for days S 1 to S 28.

Delta T = 57.03 sec.

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| Day  | ♈/♈   | ♈/♀   | ♈/♂   | ♈/♉   | ♈/♊   | ♈/♋   | ♈/♌   | ♈/♍   | ♈/♎   | ♈/♏   | ♈/♐   | ♈/♑   | ♈/♒   | ♈/♓   | Day   |      |
|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|
| T 1  | 12♂44 | 18♀25 | 8♂57  | 8♂39  | 17♂51 | 9♂55  | 12♂27 | 13♂28 | 26♂14 | 20♀47 | 11♂19 | 11♂11 | 20♂12 | 12♂17 | 14♂48 | T 1  |
| W 2  | 12 55 | 19 28 | 9 49  | 9 14  | 18 20 | 10 24 | 12 56 | 13 57 | 26 42 | 21 3  | 11 24 | 10 49 | 19 55 | 11 59 | 14 31 | W 2  |
| T 3  | 13 6  | 20 30 | 10 40 | 9 48  | 18 49 | 10 52 | 13 24 | 14 25 | 27 9  | 21 18 | 11 28 | 10 35 | 19 37 | 11 40 | 14 12 | T 3  |
| F 4  | 13 16 | 21 33 | 11 32 | 10 22 | 19 19 | 11 21 | 13 53 | 14 53 | 27 37 | 21 33 | 11 31 | 10 22 | 19 18 | 11 21 | 13 53 | F 4  |
| S 5  | 13 26 | 22 36 | 12 23 | 10 56 | 19 48 | 11 50 | 14 22 | 15 21 | 28 4  | 21 47 | 11 35 | 10 8  | 18 59 | 11 1  | 13 33 | S 5  |
| S 6  | 13 37 | 23 38 | 13 14 | 11 31 | 20 17 | 12 18 | 14 51 | 15 50 | 28 32 | 22 2  | 11 38 | 9 54  | 18 40 | 10 42 | 13 14 | S 6  |
| M 7  | 13 47 | 24 41 | 14 6  | 12 5  | 20 46 | 12 47 | 15 19 | 16 18 | 28 59 | 22 17 | 11 42 | 9 41  | 18 22 | 10 23 | 12 55 | M 7  |
| T 8  | 13 59 | 25 44 | 14 57 | 12 39 | 21 15 | 13 15 | 15 48 | 16♂46 | 29 27 | 22 33 | 11 47 | 9 29  | 18 4  | 10 4  | 12 37 | T 8  |
| W 9  | 14 11 | 26 47 | 15 49 | 13 14 | 21 43 | 13 44 | 16 17 | 17 14 | 29 54 | 22 51 | 11 52 | 9 17  | 17 47 | 9 47  | 12 20 | W 9  |
| T 10 | 14 25 | 27 50 | 16 40 | 13 48 | 22 12 | 14 12 | 16 45 | 17 42 | 0♀22  | 23 9  | 11 59 | 9 8   | 17 32 | 9 31  | 12 5  | T 10 |
| F 11 | 14 40 | 28 53 | 17 31 | 14 23 | 22 41 | 14 40 | 17 14 | 18 10 | 0 49  | 23 29 | 12 8  | 8 59  | 17 18 | 9 17  | 11 51 | F 11 |
| S 12 | 14 57 | 29 56 | 18 23 | 14 57 | 23 10 | 15 9  | 17 43 | 18 39 | 1 16  | 23 51 | 12 18 | 8 53  | 17 5  | 9 4   | 11 38 | S 12 |
| S 13 | 15 16 | 0♂59  | 19 14 | 15 32 | 23 38 | 15 37 | 18 11 | 19 7  | 1 44  | 24 15 | 12 31 | 8 48  | 16 55 | 8 54  | 11 28 | S 13 |
| M 14 | 15 37 | 2 2   | 20 5  | 16 6  | 24 7  | 16 5  | 18 40 | 19 35 | 2 11  | 24 42 | 12 45 | 8 46  | 16 46 | 8 45  | 11 20 | M 14 |
| T 15 | 16 0  | 3 5   | 20 56 | 16 41 | 24 35 | 16 33 | 19 8  | 20 3  | 2 38  | 25 10 | 13 1  | 8 46  | 16 40 | 8 38  | 11 13 | T 15 |
| W 16 | 16 25 | 4 8   | 21 47 | 17 15 | 25 4  | 17 1  | 19 37 | 20 31 | 3 6   | 25 41 | 13 20 | 8 48  | 16 36 | 8 34  | 11 9  | W 16 |
| T 17 | 16 53 | 5 11  | 22 39 | 17 50 | 25 32 | 17 30 | 20 5  | 20 59 | 3 33  | 26 13 | 13 41 | 8 52  | 16 34 | 8 32  | 11 7  | T 17 |
| F 18 | 17 23 | 6 14  | 23 30 | 18 25 | 26 0  | 17 58 | 20 34 | 21 27 | 4 0   | 26 49 | 14 4  | 8 59  | 16 35 | 8 32  | 11 8  | F 18 |
| S 19 | 17 55 | 7 18  | 24 21 | 18 59 | 26 28 | 18 26 | 21 2  | 21 55 | 4 28  | 27 26 | 14 30 | 9 8   | 16 37 | 8 35  | 11 11 | S 19 |
| S 20 | 18 29 | 8 21  | 25 12 | 19 34 | 26 57 | 18 54 | 21 30 | 22 23 | 4 55  | 28 6  | 14 57 | 9 19  | 16 42 | 8 39  | 11 16 | S 20 |
| M 21 | 18 6  | 9 24  | 26 3  | 20 9  | 27 25 | 19 22 | 21 59 | 22 51 | 5 22  | 28 48 | 15 27 | 9 33  | 16 49 | 8 46  | 11 23 | M 21 |
| T 22 | 19 45 | 10 28 | 26 54 | 20 44 | 27 53 | 19 50 | 22 27 | 23 19 | 5 50  | 29 33 | 16 0  | 9 49  | 16 58 | 8 55  | 11 32 | T 22 |
| W 23 | 20 26 | 11 31 | 27 45 | 21 18 | 28 21 | 20 18 | 22 55 | 23 47 | 6 17  | 0♂20  | 16 34 | 10 7  | 17 10 | 9 7   | 11 44 | W 23 |
| T 24 | 21 9  | 12 34 | 28 36 | 21 53 | 28 49 | 20 46 | 23 24 | 24 15 | 6 44  | 1 8   | 17 10 | 10 27 | 17 23 | 9 20  | 11 58 | T 24 |
| F 25 | 21 54 | 13 38 | 29 27 | 22 28 | 29 17 | 21 14 | 23 52 | 24 44 | 7 11  | 1 59  | 17 49 | 10 50 | 17 38 | 9 35  | 12 14 | F 25 |
| S 26 | 22 41 | 14 41 | 0♂18  | 23 3  | 29 45 | 21 42 | 24 20 | 25 12 | 7 39  | 2 52  | 18 29 | 11 14 | 17 56 | 9 53  | 12 31 | S 26 |
| S 27 | 23 30 | 15 45 | 1 9   | 23 38 | 0♀12  | 22 10 | 24 49 | 25 40 | 8 6   | 3 47  | 19 12 | 11 40 | 18 15 | 10 12 | 12 51 | S 27 |
| M 28 | 24 21 | 16 48 | 2 0   | 24 13 | 0 40  | 22 38 | 25 17 | 26 8  | 8 33  | 4 44  | 19 56 | 12 8  | 18 36 | 10 33 | 13 13 | M 28 |
| T 29 | 25 14 | 17 52 | 2 51  | 24 48 | 1 8   | 23 5  | 25 45 | 26 36 | 9 0   | 5 43  | 20 42 | 12 39 | 18 59 | 10 56 | 13 36 | T 29 |
| W 30 | 26 9  | 18 55 | 3 42  | 25 22 | 1 36  | 23 33 | 26 13 | 27 4  | 9 27  | 6 44  | 21 30 | 13 11 | 19 24 | 11 21 | 14 1  | W 30 |
| T 31 | 27♂5  | 19♂59 | 4♂32  | 25♂57 | 2♀3   | 24♂1  | 26♂41 | 27♂32 | 9♀55  | 7♂46  | 22♀19 | 13♂44 | 19♂50 | 11♂48 | 14♂28 | T 31 |
| Day  | ♈/♀   | ♈/♂   | ♈/♉   | ♈/♊   | ♈/♋   | ♈/♌   | ♈/♍   | ♈/♎   | ♈/♏   | ♈/♐   | ♈/♑   | ♈/♒   | ♈/♓   | Day   |       |      |

| Day  | ♉/♈   | ♉/♀   | ♉/♂   | ♉/♉   | ♉/♊   | ♉/♋   | ♉/♌   | ♉/♍   | ♉/♎   | ♉/♏   | ♉/♐   | ♉/♑   | ♉/♒   | ♉/♓   | Day   |      |
|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|
| T 1  | 15♂50 | 28♂36 | 17♂0  | 16♂42 | 25♂54 | 17♂58 | 20♂30 | 21♂31 | 4♂17  | 7♂14  | 16♂26 | 8♂30  | 11♂2  | 12♂3  | 24♂49 | T 1  |
| W 2  | 15 32 | 28 17 | 17 56 | 17 21 | 26 28 | 18 31 | 21 3  | 22 4  | 4 49  | 7 42  | 16 48 | 8 52  | 11 24 | 12 25 | 25 10 | W 2  |
| T 3  | 15 12 | 27 57 | 18 52 | 18 0  | 27 1  | 19 4  | 21 36 | 22 37 | 5 21  | 8 9   | 17 11 | 9 14  | 11 46 | 12 46 | 25 31 | T 3  |
| F 4  | 14 53 | 27 37 | 19 48 | 18 38 | 27 35 | 19 37 | 22 9  | 23 9  | 5 53  | 8 37  | 17 33 | 9 36  | 12 8  | 13 8  | 25 52 | F 4  |
| S 5  | 14 33 | 27 16 | 20 44 | 19 17 | 28 8  | 20 10 | 22 43 | 23 42 | 6 25  | 9 4   | 17 56 | 9 58  | 12 30 | 13 29 | 26 12 | S 5  |
| S 6  | 14 13 | 26 55 | 21 40 | 19 56 | 28 42 | 20 43 | 23 16 | 24 15 | 6 57  | 9 32  | 18 18 | 10 20 | 12 52 | 13 51 | 26 33 | S 6  |
| M 7  | 13 54 | 26 35 | 22 36 | 20 35 | 29 16 | 21 17 | 23 49 | 24 48 | 7 29  | 10 0  | 18 40 | 10 41 | 13 14 | 14 12 | 26 54 | M 7  |
| T 8  | 13 35 | 26 16 | 23 32 | 21 14 | 29 49 | 21 50 | 24 23 | 25 21 | 8 1   | 10 27 | 19 3  | 11 3  | 13 36 | 14 34 | 27 15 | T 8  |
| W 9  | 13 18 | 25 58 | 24 28 | 21 53 | 0♂23  | 22 23 | 24 56 | 25 54 | 8 34  | 10 55 | 19 25 | 11 25 | 13 58 | 14 55 | 27 35 | W 9  |
| T 10 | 13 2  | 25 41 | 25 24 | 22 33 | 0 57  | 22 56 | 25 30 | 26 27 | 9 6   | 11 23 | 19 47 | 11 47 | 14 20 | 15 17 | 27 56 | T 10 |
| F 11 | 12 47 | 25 26 | 26 21 | 23 12 | 1 30  | 23 30 | 26 4  | 27 0  | 9 38  | 11 51 | 20 9  | 12 8  | 14 42 | 15 38 | 28 17 | F 11 |
| S 12 | 12 34 | 25 12 | 27 17 | 23 52 | 2 4   | 24 3  | 26 37 | 27 33 | 10 11 | 12 19 | 20 31 | 12 30 | 15 4  | 16 0  | 28 38 | S 12 |
| S 13 | 12 23 | 25 0  | 28 13 | 24 31 | 2 38  | 24 36 | 27 11 | 28 6  | 10 43 | 12 46 | 20 53 | 12 52 | 15 26 | 16 21 | 28 58 | S 13 |
| M 14 | 12 15 | 24 51 | 29 10 | 25 11 | 3 11  | 25 10 | 27 45 | 28 40 | 11 16 | 13 14 | 21 15 | 13 13 | 15 48 | 16 43 | 29 19 | M 14 |
| T 15 | 12 8  | 24 43 | 0♀6   | 25 51 | 3 45  | 25 43 | 28 18 | 29 13 | 11 48 | 13 42 | 21 37 | 13 35 | 16 10 | 17 4  | 29 40 | T 15 |
| W 16 | 12 3  | 24 38 | 1 3   | 26 31 | 4 19  | 26 17 | 28 52 | 29 46 | 12 21 | 14 10 | 21 58 | 13 56 | 16 32 | 17 26 | 0♂1   | W 16 |
| T 17 | 12 1  | 24 35 | 1 59  | 27 11 | 4 53  | 26 50 | 29 26 | 0♂20  | 12 54 | 14 38 | 22 20 | 14 18 | 16 53 | 17 47 | 0 21  | T 17 |
| F 18 | 12 1  | 24 35 | 2 56  | 27 51 | 5 26  | 27 24 | 0♂1   | 0 53  | 13 26 | 15 6  | 22 42 | 14 39 | 17 15 | 18 9  | 0 42  | F 18 |
| S 19 | 12 4  | 24 36 | 3 53  | 28 31 | 6 0   | 27 57 | 0 34  | 1 27  | 13 59 | 15 34 | 23 3  | 15 1  | 17 37 | 18 30 | 1 3   | S 19 |
| S 20 | 12 9  | 24 40 | 4 49  | 29 11 | 6 34  | 28 31 | 1 7   | 2 0   | 14 32 | 16 2  | 23 25 | 15 22 | 17 59 | 18 51 | 1 23  | S 20 |
| M 21 | 12 16 | 24 46 | 5 46  | 29 51 | 7 7   | 29 5  | 1 41  | 2 34  | 15 5  | 16 30 | 23 46 | 15 44 | 18 20 | 19 13 | 1 44  | M 21 |
| T 22 | 12 25 | 24 55 | 6 42  | 0♂32  | 7 41  | 29 38 | 2 15  | 3 8   | 15 38 | 16 58 | 24 8  | 16 5  | 18 42 | 19 34 | 2 4   | T 22 |
| W 23 | 12 36 | 25 5  | 7 39  | 1 12  | 8 15  | 0♂12  | 2 49  | 3 41  | 16 11 | 17 27 | 24 29 | 16 26 | 19 4  | 19 56 | 2 25  | W 23 |
| T 24 | 12 50 | 25 18 | 8 36  | 1 53  | 8 49  | 0 46  | 3 23  | 4 15  | 16 44 | 17 55 | 24 50 | 16 47 | 19 25 | 20 17 | 2 46  | T 24 |
| F 25 | 13 5  | 25 33 | 9 33  | 2 33  | 9 22  | 1 19  | 3 57  | 4 49  | 17 17 | 18 23 | 25 12 | 17 9  | 19 47 | 20 38 | 3 6   | F 25 |
| S 26 | 13 23 | 25 50 | 10 29 | 3 14  | 9 56  | 1 53  | 4 32  | 5 23  | 17 50 | 18 51 | 25 33 | 17 30 | 20 8  | 21 0  | 3 27  | S 26 |
| S 27 | 13 42 | 26 8  | 11 26 | 3 55  | 10 30 | 2 27  | 5 6   | 5 57  | 18 23 | 19 19 | 25 54 | 17 51 | 20 30 | 21 21 | 3 47  | S 27 |
| M 28 | 14 4  | 26 29 | 12 23 | 4 36  | 11 3  | 3 1   | 5 40  | 6 31  | 18 56 | 19 47 | 26 15 | 18 12 | 20 51 | 21 42 | 4 8   | M 28 |
| T 29 | 14 27 | 26 51 | 13 20 | 5 16  | 11 37 | 3 34  | 6 14  | 7 5   | 19 29 | 20 15 | 26 36 | 18 33 | 21 13 | 22 4  | 4 28  | T 29 |
| W 30 | 14 52 | 27 16 | 14 17 | 5 57  | 12 10 | 4 8   | 6 48  | 7 39  | 20 2  | 20 44 | 26 57 | 18 54 | 21 34 | 22 25 | 4 49  | W 30 |
| T 31 | 15♂19 | 27♂41 | 15♀13 | 6♂38  | 12♂44 | 4♂42  | 7♂22  | 8♂13  | 20♂36 | 21♂12 | 27♂18 | 19♂15 | 21♂56 | 22♂46 | 5♂9   | T 31 |
| Day  | ♉/♀   | ♉/♂   | ♉/♉   | ♉/♊   | ♉/♋   | ♉/♌   | ♉/♍   | ♉/♎   | ♉/♏   | ♉/♐   | ♉/♑   | ♉/♒   | ♉/♓   | Day   |       |      |

| Day  | ♊/♈   | ♊/♀  | ♊/♂   | ♊/♉   | ♊/♊   | ♊/♋   | ♊/♌   | ♊/♍   | ♊/♎  | ♊/♏   | ♊/♐     | ♊/♑   | ♊/♒   | ♊/♓   | Day   |      |
|------|-------|------|-------|-------|-------|-------|-------|-------|------|-------|---------|-------|-------|-------|-------|------|
| T 1  | 16♀8  | 8♀12 | 10♀44 | 11♂45 | 24♀31 | 17♂24 | 19♂55 | 20♂57 | 3♂43 | 12♂0  | 13♂1    | 25♂47 | 15♂33 | 28♂19 | 29♂20 | T 1  |
| F 4  | 16 24 | 8 26 | 10 58 | 11 58 | 24 42 | 17 23 | 19 55 | 20 55 | 3 39 | 11 57 | 12 57   | 25 41 | 15 29 | 28 13 | 29 13 | F 4  |
| M 7  | 16 40 | 8 40 | 11 13 | 12 12 | 24 53 | 17 21 | 19 54 | 20 52 | 3 34 | 11 55 | 12 53   | 25 35 | 15 26 | 28 8  | 29 6  | M 7  |
| T 10 | 16 55 | 8 55 | 11 28 | 12 25 | 25 5  | 17 19 | 19 52 | 20 49 | 3 28 | 11 52 | 12 49   | 25 28 | 15 22 | 28 2  | 28 59 | T 10 |
| S 13 | 17 11 | 9 9  | 11 44 | 12 39 | 25 16 | 17 16 | 19 50 | 20 46 | 3 23 | 11 49 | 12 44   | 25 21 | 15 19 | 27 56 | 28 51 | S 13 |
| W 16 | 17 26 | 9♂24 | 11 59 | 12 54 | 25 28 | 17 12 | 19 48 | 20 42 | 3 17 | 11 46 | 12 40</ |       |       |       |       |      |

Table with 17 columns: Day, ☉/♀, ☉/♀, ☉/♂, ☉/♃, ☉/♄, ☉/♅, ☉/♆, ☉/♇, ☉/♈, ♀/♀, ♀/♂, ♀/♃, ♀/♄, ♀/♅, ♀/♆, ♀/♇, Day. Contains 30 rows of astronomical data for June 1990.

Table with 17 columns: Day, ♀/♁, ♀/♂, ♀/♃, ♀/♄, ♀/♅, ♀/♆, ♀/♇, ♀/♈, ♀/♉, ♀/♊, ♀/♋, ♀/♌, ♀/♍, ♀/♎, ♀/♏, Day. Contains 30 rows of astronomical data for June 1990.

Table with 17 columns: Day, ♃/♁, ♃/♂, ♃/♃, ♃/♄, ♃/♅, ♃/♆, ♃/♇, ♃/♈, ♃/♉, ♃/♊, ♃/♋, ♃/♌, ♃/♍, ♃/♎, ♃/♏, Day. Contains 10 rows of astronomical data for June 1990.

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| Day  | ♈/♌   | ♈/♍   | ♈/♎   | ♈/♏   | ♈/♐   | ♈/♑   | ♈/♒   | ♈/♓   | ♈/♈   | ♈/♉   | ♈/♊   | ♈/♋   | ♈/♌   | ♈/♍   | ♈/♎   | ♈/♏  | ♈/♐ | ♈/♑ | ♈/♒ | ♈/♓ | Day |
|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-----|-----|-----|-----|-----|
| S 1  | 7♄52  | 23♂1  | 0♂28  | 14♄7  | 15♂58 | 8♂14  | 11♂7  | 12♂2  | 23♂54 | 21♂57 | 29♂25 | 13♄3  | 14♂55 | 7♂11  | 10♂4  | S 1  |     |     |     |     |     |
| M 2  | 9 26  | 24 5  | 1 18  | 14 42 | 16 25 | 8 41  | 11 35 | 12 30 | 24 21 | 23 38 | 0♂51  | 14 15 | 15 58 | 8♂15  | 11 8  | M 2  |     |     |     |     |     |
| T 3  | 11 0  | 25 9  | 2 7   | 15 17 | 16 51 | 9 9   | 12 3  | 12 58 | 24 48 | 25 19 | 2 17  | 15 27 | 17 1  | 9 19  | 12 13 | T 3  |     |     |     |     |     |
| W 4  | 12 34 | 26 14 | 2 57  | 15 53 | 17 18 | 9 36  | 12 30 | 13 27 | 25 15 | 27 0  | 3 43  | 16 39 | 18 4  | 10 23 | 13♂17 | W 4  |     |     |     |     |     |
| T 5  | 14 7  | 27 18 | 3 46  | 16 28 | 17 44 | 10 4  | 12 58 | 13 55 | 25 42 | 28 41 | 5 9   | 17 51 | 19 7  | 11 26 | 14 21 | T 5  |     |     |     |     |     |
| F 6  | 15 40 | 28 22 | 4 35  | 17 3  | 18 11 | 10 31 | 13♂26 | 14 23 | 26 9  | 0♄21  | 6 34  | 19 2  | 20 9  | 12 29 | 15 24 | F 6  |     |     |     |     |     |
| S 7  | 17 12 | 29 27 | 5 25  | 17 39 | 18 37 | 10 58 | 13 54 | 14 51 | 26 36 | 2 0   | 7 58  | 20 12 | 21 10 | 13 32 | 16 27 | S 7  |     |     |     |     |     |
| S 8  | 18 44 | 0♄31  | 6 14  | 18 14 | 19 3  | 11 26 | 14 22 | 15 20 | 27 3  | 3 39  | 9 22  | 21 22 | 22 11 | 14 34 | 17 30 | S 8  |     |     |     |     |     |
| M 9  | 20 15 | 1 35  | 7 3   | 18 49 | 19 30 | 11 53 | 14 49 | 15 48 | 27 30 | 5 17  | 10 45 | 22 31 | 23♂12 | 15 35 | 18 31 | M 9  |     |     |     |     |     |
| T 10 | 21 45 | 2 40  | 7 52  | 19 25 | 19 56 | 12 21 | 15 17 | 16 16 | 27 57 | 6 55  | 12 7  | 23 39 | 24 11 | 16 35 | 19 32 | T 10 |     |     |     |     |     |
| W 11 | 23 14 | 3 44  | 8 41  | 20 0  | 20 23 | 12 48 | 15 45 | 16 45 | 28 24 | 8 31  | 13 28 | 24 47 | 25 9  | 17 35 | 20 32 | W 11 |     |     |     |     |     |
| T 12 | 24 43 | 4 49  | 9 30  | 20 35 | 20 49 | 13 15 | 16 13 | 17 13 | 28 51 | 10 7  | 14 48 | 25 53 | 26 7  | 18 34 | 21 31 | T 12 |     |     |     |     |     |
| F 13 | 26 10 | 5 53  | 10 19 | 21 11 | 21 15 | 13 43 | 16 40 | 17 41 | 29 18 | 11 42 | 16 7  | 26 59 | 27 4  | 19 31 | 22 29 | F 13 |     |     |     |     |     |
| S 14 | 27 37 | 6 58  | 11 8  | 21 46 | 21 42 | 14 10 | 17 8  | 18 10 | 29 45 | 13 16 | 17 26 | 28 4  | 28 0  | 20 28 | 23 27 | S 14 |     |     |     |     |     |
| S 15 | 29 3  | 8 2   | 11 56 | 22 21 | 22♂8  | 14 38 | 17 36 | 18 38 | 0♄12  | 14 49 | 18 43 | 29 8  | 28 55 | 21 24 | 24 23 | S 15 |     |     |     |     |     |
| M 16 | 0♂28  | 9 7   | 12 45 | 22 57 | 22 34 | 15 5  | 18 4  | 19 7  | 0 39  | 16 22 | 20 0  | 0♂11  | 29 49 | 22 20 | 25 18 | M 16 |     |     |     |     |     |
| T 17 | 1 52  | 10 12 | 13 34 | 23 32 | 23 1  | 15 33 | 18 32 | 19 35 | 1 6   | 17 53 | 21 15 | 1 13  | 0♂42  | 23 14 | 26 13 | T 17 |     |     |     |     |     |
| W 18 | 3 15  | 11 16 | 14 22 | 24 7  | 23 27 | 16 0  | 19 0  | 20 4  | 1 33  | 19 23 | 22 29 | 2 14  | 1 34  | 24 7  | 27 7  | W 18 |     |     |     |     |     |
| T 19 | 4 37  | 12 21 | 15 11 | 24 43 | 23 54 | 16 28 | 19 27 | 20 32 | 2 0   | 20 53 | 23 43 | 3 15  | 2 26  | 25 0  | 28 0  | T 19 |     |     |     |     |     |
| F 20 | 5 59  | 13 26 | 15 59 | 25 18 | 24 20 | 16 55 | 19 55 | 21 1  | 2 27  | 22 22 | 24 55 | 4 14  | 3 16  | 25 51 | 28 51 | F 20 |     |     |     |     |     |
| S 21 | 7 19  | 14 30 | 16 48 | 25 53 | 24 47 | 17 23 | 20 23 | 21 29 | 2 54  | 23 50 | 26 7  | 5 13  | 4 6   | 26 42 | 29 42 | S 21 |     |     |     |     |     |
| S 22 | 8 38  | 15 35 | 17 36 | 26 29 | 25 13 | 17 50 | 20 51 | 21 58 | 3 21  | 25 17 | 27 17 | 6 10  | 4 54  | 27 32 | 0♂32  | S 22 |     |     |     |     |     |
| M 23 | 9 57  | 16 40 | 18 24 | 27 4  | 25 40 | 18 18 | 21 19 | 22 26 | 3 49  | 26 43 | 28 27 | 7 7   | 5 42  | 28 20 | 1 21  | M 23 |     |     |     |     |     |
| T 24 | 11 15 | 17 45 | 19 12 | 27 39 | 26 6  | 18 45 | 21 47 | 22 55 | 4 16  | 28 8  | 29 35 | 8 2   | 6 29  | 29 8  | 2 10  | T 24 |     |     |     |     |     |
| W 25 | 12 31 | 18 50 | 20 0  | 28 15 | 26 33 | 19 13 | 22 15 | 23 24 | 4 43  | 29 32 | 0♄43  | 8 57  | 7 15  | 29 55 | 2 57  | W 25 |     |     |     |     |     |
| T 26 | 13 47 | 19 54 | 20 48 | 28 50 | 26 59 | 19 41 | 22 43 | 23 52 | 5 10  | 0♂55  | 1 49  | 9 51  | 8 0   | 0♂41  | 3 43  | T 26 |     |     |     |     |     |
| F 27 | 15 2  | 20 59 | 21 36 | 29 26 | 27 26 | 20 8  | 23 11 | 24 21 | 5 37  | 2 18  | 2 55  | 10 44 | 8 44  | 1 26  | 4 29  | F 27 |     |     |     |     |     |
| S 28 | 16 16 | 22 4  | 22 24 | 0♂1   | 27 52 | 20 36 | 23 39 | 24 50 | 6 4   | 3 39  | 3 59  | 11 36 | 9 27  | 2 11  | 5 13  | S 28 |     |     |     |     |     |
| S 29 | 17 29 | 23 9  | 23 12 | 0 36  | 28 19 | 21 4  | 24 6  | 25 18 | 6 31  | 5 0   | 5 2   | 12 27 | 10 9  | 2 54  | 5 57  | S 29 |     |     |     |     |     |
| M 30 | 18 41 | 24 14 | 24 0  | 1 12  | 28 45 | 21 31 | 24 34 | 25 47 | 6 58  | 6 19  | 6 5   | 13 17 | 10 50 | 3 36  | 6 40  | M 30 |     |     |     |     |     |
| T 31 | 19♂52 | 25♄19 | 24♂47 | 1♂47  | 29♂12 | 21♂59 | 25♂2  | 26♂16 | 7♂25  | 7♂38  | 7♄6   | 14♂6  | 11♂31 | 4♂18  | 7♂21  | T 31 |     |     |     |     |     |
| Day  | ♈/♌   | ♈/♍   | ♈/♎   | ♈/♏   | ♈/♐   | ♈/♑   | ♈/♒   | ♈/♓   | ♈/♈   | ♈/♉   | ♈/♊   | ♈/♋   | ♈/♌   | ♈/♍   | ♈/♎   | ♈/♏  | ♈/♐ | ♈/♑ | ♈/♒ | ♈/♓ | Day |

| Day  | ♉/♊   | ♉/♋   | ♉/♌   | ♉/♍   | ♉/♎   | ♉/♏   | ♉/♐   | ♉/♑   | ♉/♒   | ♉/♓   | ♉/♈   | ♉/♉   | ♉/♊   | ♉/♋   | ♉/♌   | ♉/♍  | ♉/♎ | ♉/♏ | ♉/♐ | ♉/♑ | Day |
|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-----|-----|-----|-----|-----|
| S 1  | 10♂58 | 22♂51 | 14♂34 | 28♂12 | 0♂4   | 22♂19 | 25♂12 | 26♂7  | 7♂59  | 5♂40  | 7♂31  | 29♂47 | 2♂40  | 3♂35  | 15♂27 | S 1  |     |     |     |     |     |
| M 2  | 12 4  | 23 54 | 15 30 | 28 55 | 0 37  | 22 54 | 25 47 | 26 43 | 8 34  | 6 7   | 7 50  | 0♂7   | 3 0   | 3 55  | 15 46 | M 2  |     |     |     |     |     |
| T 3  | 13 8  | 24 58 | 16 27 | 29 37 | 1 11  | 23 28 | 26 22 | 27 18 | 9 8   | 6 35  | 8 9   | 0 26  | 3 20  | 4 16  | 16 6  | T 3  |     |     |     |     |     |
| W 4  | 14 13 | 26 2  | 17 23 | 0♄19  | 1 44  | 24 3  | 26 57 | 27 53 | 9 42  | 7 2   | 8 27  | 0 46  | 3 40  | 4 36  | 16 25 | W 4  |     |     |     |     |     |
| T 5  | 15 18 | 27 5  | 18 20 | 1 2   | 2 18  | 24 37 | 27 32 | 28 29 | 10 16 | 7 30  | 8 46  | 1 5   | 4 0   | 4 57  | 16 44 | T 5  |     |     |     |     |     |
| F 6  | 16 21 | 28 7  | 19 16 | 1 44  | 2 52  | 25 12 | 28 7  | 29 4  | 10 50 | 7 57  | 9 5   | 1 25  | 4 20  | 5 17  | 17 3  | F 6  |     |     |     |     |     |
| S 7  | 17 25 | 29 10 | 20 13 | 2 27  | 3 25  | 25 46 | 28 42 | 29 39 | 11 24 | 8 25  | 9 23  | 1 44  | 4 40  | 5 37  | 17 22 | S 7  |     |     |     |     |     |
| S 8  | 18 28 | 0♄11  | 21 9  | 3 9   | 3 59  | 26 21 | 29 17 | 0♂15  | 11 58 | 8 52  | 9 41  | 2 4   | 5 0   | 5 58  | 17 41 | S 8  |     |     |     |     |     |
| M 9  | 19 30 | 1 12  | 22 5  | 3 52  | 4 32  | 26 56 | 29 52 | 0 50  | 12 33 | 9 19  | 10 0  | 2 23  | 5 19  | 6 18  | 18 0  | M 9  |     |     |     |     |     |
| T 10 | 20 31 | 2 12  | 23 2  | 4 34  | 5 6   | 27 30 | 0♂27  | 1 26  | 13 7  | 9 46  | 10 18 | 2 42  | 5 39  | 6 38  | 18 19 | T 10 |     |     |     |     |     |
| W 11 | 21 31 | 3 11  | 23 58 | 5 17  | 5 40  | 28 5  | 1 2   | 2 2   | 13 41 | 10 13 | 10 36 | 3 1   | 5 58  | 6 58  | 18 38 | W 11 |     |     |     |     |     |
| T 12 | 22 31 | 4 9   | 24 54 | 5 59  | 6 13  | 28 40 | 1 37  | 2 37  | 14 15 | 10 40 | 10 54 | 3 21  | 6 18  | 7 18  | 18 56 | T 12 |     |     |     |     |     |
| F 13 | 23 30 | 5 7   | 25 50 | 6 42  | 6 47  | 29 14 | 2 12  | 3 13  | 14 50 | 11 7  | 11 12 | 3 40  | 6 37  | 7 38  | 19 15 | F 13 |     |     |     |     |     |
| S 14 | 24 28 | 6 3   | 26 46 | 7 25  | 7 21  | 29 49 | 2 47  | 3 49  | 15 24 | 11 34 | 11 30 | 3 59  | 6 57  | 7 58  | 19 34 | S 14 |     |     |     |     |     |
| S 15 | 25 25 | 6 59  | 27 43 | 8 7   | 7 54  | 0♂24  | 3 22  | 4 24  | 15 58 | 12 1  | 11 48 | 4 18  | 7 16  | 8 18  | 19 52 | S 15 |     |     |     |     |     |
| M 16 | 26 21 | 7 54  | 28 39 | 8 50  | 8 28  | 0 59  | 3 58  | 5 0   | 16 33 | 12 28 | 12 6  | 4 37  | 7 36  | 8 38  | 20 11 | M 16 |     |     |     |     |     |
| T 17 | 27 16 | 8♂48  | 29 35 | 9 33  | 9 2   | 1 34  | 4 33  | 5 36  | 17 7  | 12 55 | 12 24 | 4 56  | 7 55  | 8 58  | 20 29 | T 17 |     |     |     |     |     |
| W 18 | 28 11 | 9 40  | 0♂31  | 10 16 | 9 36  | 2 8   | 5 8   | 6 12  | 17 42 | 13 22 | 12 42 | 5 14  | 8 14  | 9 18  | 20 48 | W 18 |     |     |     |     |     |
| T 19 | 29 4  | 10 32 | 1 27  | 10 58 | 10 10 | 2 43  | 5 43  | 6 48  | 18 16 | 13 48 | 12 59 | 5 33  | 8 33  | 9 38  | 21 6  | T 19 |     |     |     |     |     |
| F 20 | 29 57 | 11 23 | 2 22  | 11 41 | 10 43 | 3 18  | 6 19  | 7 24  | 18 51 | 14 15 | 13 17 | 5 52  | 8 52  | 9 57  | 21 24 | F 20 |     |     |     |     |     |
| S 21 | 0♂48  | 12 14 | 3 18  | 12 24 | 11 17 | 3 53  | 6 54  | 8 0   | 19 25 | 14 41 | 13 34 | 6 11  | 9 11  | 10 17 | 21 42 | S 21 |     |     |     |     |     |
| S 22 | 1 39  | 13 3  | 4 14  | 13 7  | 11 51 | 4 28  | 7 29  | 8 36  | 20 0  | 15 8  | 13 52 | 6 29  | 9 30  | 10 37 | 22 0  | S 22 |     |     |     |     |     |
| M 23 | 2 29  | 13 51 | 5 10  | 13 50 | 12 25 | 5 3   | 8 5   | 9 12  | 20 34 | 15 34 | 14 9  | 6 48  | 9 49  | 10 56 | 22 18 | M 23 |     |     |     |     |     |
| T 24 | 3 18  | 14 38 | 6 5   | 14 33 | 12 59 | 5 38  | 8 40  | 9 48  | 21 9  | 16 0  | 14 27 | 7 6   | 10 8  | 11 16 | 22 36 | T 24 |     |     |     |     |     |
| W 25 | 4 6   | 15 25 | 7 1   | 15 15 | 13 33 | 6 14  | 9 15  | 10 24 | 21 43 | 16 26 | 14 44 | 7 24  | 10 26 | 11 35 | 22 54 | W 25 |     |     |     |     |     |
| T 26 | 4 53  | 16 10 | 7 57  | 15 58 | 14 7  | 6♂49  | 9 51  | 11 0  | 22 18 | 16 52 | 15 1  | 7 43  | 10 45 | 11 54 | 23 12 | T 26 |     |     |     |     |     |
| F 27 | 5 39  | 16 55 | 8 52  | 16 41 | 14 41 | 7 24  | 10 26 | 11 37 | 22 53 | 17 18 | 15 18 | 8 1   | 11 3  | 12 14 | 23 30 | F 27 |     |     |     |     |     |
| S 28 | 6 24  | 17 39 | 9 47  | 17 24 | 15 15 | 7 59  | 11 2  | 12 13 | 23 27 | 17 44 | 15 35 | 8 19  | 11 22 | 12 33 | 23 47 | S 28 |     |     |     |     |     |
| S 29 | 7 9   | 18 22 | 10 43 | 18 7  | 15 49 | 8 34  | 11 37 | 12 49 | 24 2  | 18 10 | 15 52 | 8 37  | 11 40 | 12 52 | 24 5  | S 29 |     |     |     |     |     |
| M 30 | 7 52  | 19 3  | 11 38 | 18 50 | 16 24 | 9 10  | 12 13 | 13 25 | 24 37 | 18 36 | 16 9  | 8 55  | 11 58 | 13 11 | 24 22 | M 30 |     |     |     |     |     |
| T 31 | 8♂35  | 19♂44 | 12♂33 | 19♄33 | 16♂58 | 9♂45  | 12♂48 | 14♂2  | 25♂11 | 19♂1  | 16♂26 | 9♂13  | 12♂17 | 13♂30 | 24♂39 | T 31 |     |     |     |     |     |
| Day  | ♉/♊   | ♉/♋   | ♉/♌   | ♉/♍   | ♉/♎   | ♉/♏   | ♉/♐   | ♉/♑   | ♉/♒   | ♉/♓   | ♉/♈   | ♉/♉   | ♉/♊   | ♉/♋   | ♉/♌   | ♉/♍  | ♉/♎ | ♉/♏ | ♉/♐ | ♉/♑ | Day |

| Day  | ♊/♋   | ♊/♌   | ♊/♍   | ♊/♎   | ♊/♏   | ♊/♐   | ♊/♑   | ♊/♒   | ♊/♓  | ♊/♈   | ♊/♉   | ♊/♊   | ♊/♋   | ♊/♌   | ♊/♍   | ♊/♎  | ♊/♏ | ♊/♐ | ♊/♑ | Day |
|------|-------|-------|-------|-------|-------|-------|-------|-------|------|-------|-------|-------|-------|-------|-------|------|-----|-----|-----|-----|
| S 1  | 21♂10 | 13♂25 | 16♂18 | 17♂13 | 29♂5  | 15♂17 | 18♂10 | 19♂5  | 0♄57 | 10♄26 | 11♄21 | 23♄13 | 14♄14 | 26♄6  | 27♄1  | S 1  |     |     |     |     |
| W 4  | 21 23 | 13 42 | 16 36 | 17 32 | 29 21 | 15 7  | 18 1  | 18 57 | 0 46 | 10 20 | 11 16 | 23 4  | 14 10 | 25 58 | 26 55 | W 4  |     |     |     |     |
| S 7  | 21 37 | 13 58 | 16 54 | 17 51 | 29 36 | 14 57 | 17 52 | 18 50 | 0 34 | 10 14 | 11 11 | 22 56 | 14 7  | 25 51 | 26 49 | S 7  |     |     |     |     |
| T 10 | 21 51 | 14 15 | 17 12 | 18 11 | 29 51 | 14 47 | 17 43 | 18 42 | 0 23 | 10 8  | 11 7  | 22 47 | 14 3  | 25 44 | 26 43 | T 10 |     |     |     |     |
| F 13 | 22 4  | 14 32 | 17 29 | 18 30 | 0♄7</ |       |       |       |      |       |       |       |       |       |       |      |     |     |     |     |

Table with 17 columns: Day, ☉/♀, ☉/♀, ☉/♂, ☉/♃, ☉/♄, ☉/♅, ☉/♆, ☉/♇, ☉/♈, ♀/♀, ♀/♂, ♀/♃, ♀/♄, ♀/♅, ♀/♆, ♀/♇, Day. Contains astronomical data for August 1990.

Table with 17 columns: Day, ♀/♁, ♀/♂, ♀/♃, ♀/♄, ♀/♅, ♀/♆, ♀/♇, ♀/♈, ♀/♉, ♀/♊, ♀/♋, ♀/♌, ♀/♍, ♀/♎, ♀/♏, Day. Contains astronomical data for August 1990.

Table with 17 columns: Day, ♃/♄, ♃/♅, ♃/♆, ♃/♇, ♃/♈, ♃/♉, ♃/♊, ♃/♋, ♃/♌, ♃/♍, ♃/♎, ♃/♏, ♃/♐, ♃/♑, ♃/♒, Day. Contains astronomical data for August 1990.

Delta T = 57.26 sec.

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SEPTEMBER 1990

MIDPOINTS 00:00 UT

SEPTEMBER 1990

| Day  | ☉/♀   | ☉/♀   | ☉/♂   | ☉/♃   | ☉/♄   | ☉/♅   | ☉/♆   | ☉/♇   | ☉/♈   | ☉/♉   | ☉/♊   | ☉/♋   | ☉/♌   | ☉/♍   | ☉/♎   | ☉/♏  | ☉/♐  | Day |
|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|------|-----|
| S 1  | 14♏55 | 0♏15  | 19♏17 | 20♏34 | 13♏43 | 7♏ 0  | 10♏ 8 | 11♏50 | 21♏57 | 6♏51  | 25♏54 | 27♏11 | 20♏19 | 13♏36 | 16♏44 | S 1  | S 1  |     |
| S 2  | 15 4  | 1 21  | 20 1  | 21 10 | 14 11 | 7 29  | 10 36 | 12 20 | 22 25 | 7 8   | 25 48 | 26 57 | 19 58 | 13 16 | 16 23 | S 2  | S 2  |     |
| M 3  | 15 10 | 2 27  | 20 45 | 21 45 | 14 39 | 7 57  | 11 5  | 12 49 | 22 52 | 7 22  | 25 40 | 26 40 | 19 34 | 12 52 | 16 0  | M 3  | M 3  |     |
| T 4  | 15 14 | 3 33  | 21 28 | 22 20 | 15 7  | 8 26  | 11 34 | 13 19 | 23 20 | 7 33  | 25 29 | 26 20 | 19 7  | 12 27 | 15 34 | T 4  | T 4  |     |
| W 5  | 15 16 | 4 39  | 22 11 | 22 55 | 15 35 | 8 55  | 12 2  | 13 49 | 23 47 | 7 43  | 25 16 | 25 59 | 18 39 | 11 59 | 15 7  | W 5  | W 5  |     |
| T 6  | 15 16 | 5 45  | 22 54 | 23 29 | 16 3  | 9 24  | 12 31 | 14 19 | 24 15 | 7 52  | 25 1  | 25 37 | 18 10 | 11 31 | 14 38 | T 6  | T 6  |     |
| F 7  | 15 16 | 6 51  | 23 37 | 24 4  | 16 31 | 9 53  | 13 0  | 14 48 | 24 42 | 7 59  | 24 46 | 25 13 | 17 40 | 11 1  | 14 9  | F 7  | F 7  |     |
| S 8  | 15 16 | 7 57  | 24 20 | 24 39 | 17 0  | 10 21 | 13 29 | 15 18 | 25 10 | 8 7   | 24 30 | 24 49 | 17 9  | 10 31 | 13 39 | S 8  | S 8  |     |
| S 9  | 15 15 | 9 3   | 25 3  | 25 14 | 17 28 | 10 50 | 13 58 | 15 48 | 25 37 | 8 15  | 24 14 | 24 26 | 16 39 | 10 2  | 13 9  | S 9  | S 9  |     |
| M 10 | 15 16 | 10 10 | 25 45 | 25 49 | 17 57 | 11 19 | 14 27 | 16 18 | 26 5  | 8 24  | 23 59 | 24 3  | 16 11 | 9 33  | 12 41 | M 10 | M 10 |     |
| T 11 | 15 19 | 11 16 | 26 27 | 26 24 | 18 25 | 11 48 | 14 56 | 16 48 | 26 32 | 8 34  | 23 46 | 23 42 | 15 44 | 9 7   | 12 14 | T 11 | T 11 |     |
| W 12 | 15 24 | 12 22 | 27 10 | 26 59 | 18 54 | 12 18 | 15 25 | 17 18 | 27 0  | 8 47  | 23 35 | 23 24 | 15 19 | 8 43  | 11 50 | W 12 | W 12 |     |
| T 13 | 15 32 | 13 28 | 27 51 | 27 34 | 19 22 | 12 47 | 15 54 | 17 48 | 27 27 | 9 3   | 23 26 | 23 9  | 14 57 | 8 22  | 11 28 | T 13 | T 13 |     |
| F 14 | 15 44 | 14 35 | 28 33 | 28 9  | 19 51 | 13 16 | 16 23 | 18 18 | 27 55 | 9 23  | 23 21 | 22 57 | 14 39 | 8 4   | 11 11 | F 14 | F 14 |     |
| S 15 | 15 59 | 15 41 | 29 14 | 28 43 | 20 20 | 13 45 | 16 52 | 18 48 | 28 23 | 9 46  | 23 20 | 22 49 | 14 25 | 7 50  | 10 57 | S 15 | S 15 |     |
| S 16 | 16 19 | 16 48 | 29 56 | 29 18 | 20 49 | 14 14 | 17 21 | 19 18 | 28 50 | 10 14 | 23 22 | 22 45 | 14 15 | 7 41  | 10 47 | S 16 | S 16 |     |
| M 17 | 16 44 | 17 54 | 0♏37  | 29 53 | 21 18 | 14 44 | 17 50 | 19 48 | 29 18 | 10 47 | 23 29 | 22 46 | 14 10 | 7 36  | 10 43 | M 17 | M 17 |     |
| T 18 | 17 13 | 19 1  | 1 17  | 0♏28  | 21 47 | 15 13 | 18 19 | 20 18 | 29 46 | 11 24 | 23 41 | 22 51 | 14 10 | 7 36  | 10 43 | T 18 | T 18 |     |
| W 19 | 17 47 | 20 7  | 1 58  | 1 2   | 22 16 | 15 42 | 18 48 | 20 48 | 0♏13  | 12 6  | 23 57 | 23 1  | 14 15 | 7 41  | 10 47 | W 19 | W 19 |     |
| T 20 | 18 26 | 21 14 | 2 38  | 1 37  | 22 45 | 16 12 | 19 18 | 21 18 | 0 41  | 12 53 | 24 17 | 23 16 | 14 24 | 7 51  | 10 57 | T 20 | T 20 |     |
| F 21 | 19 10 | 22 20 | 3 18  | 2 12  | 23 14 | 16 41 | 19 47 | 21 49 | 1 9   | 13 44 | 24 42 | 23 36 | 14 38 | 8 5   | 11 11 | F 21 | F 21 |     |
| S 22 | 19 58 | 23 27 | 3 58  | 2 46  | 23 43 | 17 11 | 20 16 | 22 19 | 1 37  | 14 40 | 25 11 | 24 0  | 14 57 | 8 24  | 11 30 | S 22 | S 22 |     |
| S 23 | 20 50 | 24 34 | 4 38  | 3 21  | 24 13 | 17 40 | 20 45 | 22 49 | 2 4   | 15 41 | 25 45 | 24 28 | 15 20 | 8 48  | 11 53 | S 23 | S 23 |     |
| M 24 | 21 47 | 25 40 | 5 17  | 3 55  | 24 42 | 18 10 | 21 15 | 23 19 | 2 32  | 16 45 | 26 22 | 25 0  | 15 47 | 9 15  | 12 20 | M 24 | M 24 |     |
| T 25 | 22 47 | 26 47 | 5 56  | 4 30  | 25 11 | 18 40 | 21 44 | 23 50 | 3 0   | 17 54 | 27 2  | 25 36 | 16 18 | 9 46  | 12 51 | T 25 | T 25 |     |
| W 26 | 23 51 | 27 54 | 6 35  | 5 4   | 25 41 | 19 9  | 22 14 | 24 20 | 3 28  | 19 5  | 27 46 | 26 16 | 16 52 | 10 21 | 13 25 | W 26 | W 26 |     |
| T 27 | 24 58 | 29 1  | 7 13  | 5 39  | 26 11 | 19 39 | 22 43 | 24 50 | 3 56  | 20 20 | 28 32 | 26 58 | 17 30 | 10 58 | 14 2  | T 27 | T 27 |     |
| F 28 | 26 7  | 0♏7   | 7 51  | 6 13  | 26 40 | 20 9  | 23 13 | 25 21 | 4 23  | 21 38 | 29 21 | 27 43 | 18 10 | 11 39 | 14 43 | F 28 | F 28 |     |
| S 29 | 27 19 | 1 14  | 8 29  | 6 47  | 27 10 | 20 39 | 23 42 | 25 51 | 4 51  | 22 58 | 0♏12  | 28 31 | 18 53 | 12 22 | 15 26 | S 29 | S 29 |     |
| S 30 | 28♏34 | 2♏21  | 9♏7   | 7♏22  | 27♏40 | 21♏8  | 24♏12 | 26♏22 | 5♏19  | 24♏20 | 1♏5   | 29♏20 | 19♏38 | 13♏7  | 16♏10 | S 30 | S 30 |     |
| Day  | ☉/♀   | ☉/♀   | ☉/♂   | ☉/♃   | ☉/♄   | ☉/♅   | ☉/♆   | ☉/♇   | ☉/♈   | ☉/♉   | ☉/♊   | ☉/♋   | ☉/♌   | ☉/♍   | ☉/♎   | ☉/♏  | ☉/♐  | Day |

| Day  | ♀/♁   | ♀/♂   | ♀/♃   | ♀/♄   | ♀/♅   | ♀/♆   | ♀/♇   | ♀/♈   | ♀/♉   | ♀/♊  | ♀/♋   | ♀/♌   | ♀/♍   | ♀/♎   | ♀/♏  | ♀/♐  | Day  |
|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-------|-------|-------|-------|------|------|------|
| S 1  | 18♏27 | 28♏34 | 11♏13 | 12♏30 | 5♏38  | 28♏55 | 2♏ 3  | 3♏46  | 13♏53 | 1♏33 | 24♏41 | 17♏58 | 21♏6  | 22♏48 | 2♀55 | S 1  | S 1  |
| S 2  | 18 7  | 28 12 | 12 4  | 13 13 | 6 14  | 29 32 | 2 40  | 4 23  | 14 28 | 1 53 | 24 54 | 18 13 | 21 20 | 23 4  | 3 9  | S 2  | S 2  |
| M 3  | 17 44 | 27 47 | 12 56 | 13 56 | 6 50  | 0♏9   | 3 16  | 5 1   | 15 4  | 2 14 | 25 8  | 18 27 | 21 34 | 23 19 | 3 22 | M 3  | M 3  |
| T 4  | 17 20 | 27 20 | 13 47 | 14 39 | 7 26  | 0 46  | 3 53  | 5 39  | 15 39 | 2 34 | 25 22 | 18 41 | 21 49 | 23 34 | 3 35 | T 4  | T 4  |
| W 5  | 16 53 | 26 52 | 14 39 | 15 22 | 8 2   | 1 22  | 4 30  | 6 16  | 16 15 | 2 55 | 25 35 | 18 55 | 22 2  | 23 49 | 3 47 | W 5  | W 5  |
| T 6  | 16 26 | 26 22 | 15 30 | 16 5  | 8 38  | 1 59  | 5 7   | 6 54  | 16 50 | 3 15 | 25 48 | 19 9  | 22 16 | 24 4  | 4 0  | T 6  | T 6  |
| F 7  | 15 57 | 25 51 | 16 21 | 16 48 | 9 15  | 2 36  | 5 43  | 7 32  | 17 25 | 3 34 | 26 1  | 19 22 | 22 30 | 24 18 | 4 12 | F 7  | F 7  |
| S 8  | 15 28 | 25 19 | 17 12 | 17 31 | 9 51  | 3 13  | 6 20  | 8 9   | 18 1  | 3 54 | 26 14 | 19 36 | 22 43 | 24 33 | 4 24 | S 8  | S 8  |
| S 9  | 14 59 | 24 48 | 18 2  | 18 14 | 10 27 | 3 50  | 6 57  | 8 47  | 18 36 | 4 13 | 26 27 | 19 49 | 22 57 | 24 47 | 4 36 | S 9  | S 9  |
| M 10 | 14 32 | 24 19 | 18 52 | 18 56 | 11 4  | 4 27  | 7 34  | 9 25  | 19 12 | 4 32 | 26 40 | 20 2  | 23 10 | 25 1  | 4 48 | M 10 | M 10 |
| T 11 | 14 6  | 23 51 | 19 43 | 19 39 | 11 40 | 5 4   | 8 11  | 10 3  | 19 47 | 4 51 | 26 52 | 20 15 | 23 22 | 25 15 | 4 59 | T 11 | T 11 |
| W 12 | 13 43 | 23 25 | 20 33 | 20 22 | 12 17 | 5 41  | 8 48  | 10 41 | 20 23 | 5 9  | 27 4  | 20 28 | 23 35 | 25 28 | 5 10 | W 12 | W 12 |
| T 13 | 13 23 | 23 2  | 21 22 | 21 5  | 12 53 | 6 18  | 9 25  | 11 19 | 20 59 | 5 28 | 27 16 | 20 41 | 23 48 | 25 42 | 5 21 | T 13 | T 13 |
| F 14 | 13 6  | 22 43 | 22 12 | 21 48 | 13 30 | 6 55  | 10 2  | 11 57 | 21 34 | 5 46 | 27 28 | 20 53 | 24 0  | 25 55 | 5 32 | F 14 | F 14 |
| S 15 | 12 53 | 22 28 | 23 1  | 22 30 | 14 7  | 7 32  | 10 39 | 12 35 | 22 10 | 6 4  | 27 40 | 21 5  | 24 12 | 26 8  | 5 43 | S 15 | S 15 |
| S 16 | 12 44 | 22 17 | 23 51 | 23 13 | 14 44 | 8 9   | 11 16 | 13 13 | 22 45 | 6 21 | 27 52 | 21 17 | 24 24 | 26 21 | 5 53 | S 16 | S 16 |
| M 17 | 12 41 | 22 11 | 24 40 | 23 56 | 15 21 | 8 47  | 11 53 | 13 51 | 23 21 | 6 38 | 28 3  | 21 29 | 24 35 | 26 33 | 6 3  | M 17 | M 17 |
| T 18 | 12 41 | 22 9  | 25 28 | 24 38 | 15 58 | 9 24  | 12 30 | 14 29 | 23 57 | 6 55 | 28 14 | 21 41 | 24 47 | 26 46 | 6 13 | T 18 | T 18 |
| W 19 | 12 47 | 22 12 | 26 17 | 25 21 | 16 35 | 10 1  | 13 7  | 15 7  | 24 32 | 7 12 | 28 25 | 21 52 | 24 58 | 26 58 | 6 23 | W 19 | W 19 |
| T 20 | 12 57 | 22 20 | 27 5  | 26 4  | 17 12 | 10 39 | 13 44 | 15 45 | 25 8  | 7 28 | 28 36 | 22 3  | 25 9  | 27 9  | 6 32 | T 20 | T 20 |
| F 21 | 13 13 | 22 33 | 27 53 | 26 46 | 17 49 | 11 16 | 14 22 | 16 23 | 25 44 | 7 44 | 28 47 | 22 14 | 25 19 | 27 21 | 6 41 | F 21 | F 21 |
| S 22 | 13 32 | 22 50 | 28 41 | 27 29 | 18 26 | 11 54 | 14 59 | 17 1  | 26 19 | 8 0  | 28 57 | 22 24 | 25 30 | 27 32 | 6 50 | S 22 | S 22 |
| S 23 | 13 56 | 23 12 | 29 28 | 28 11 | 19 3  | 12 31 | 15 36 | 17 40 | 26 55 | 8 15 | 29 7  | 22 35 | 25 40 | 27 43 | 6 59 | S 23 | S 23 |
| M 24 | 14 24 | 23 37 | 0♏15  | 28 54 | 19 41 | 13 9  | 16 13 | 18 18 | 27 31 | 8 30 | 29 17 | 22 45 | 25 50 | 27 54 | 7 7  | M 24 | M 24 |
| T 25 | 14 56 | 24 6  | 1 2   | 29 36 | 20 18 | 13 46 | 16 51 | 18 58 | 28 6  | 8 45 | 29 27 | 22 55 | 25 59 | 28 5  | 7 15 | T 25 | T 25 |
| W 26 | 15 31 | 24 39 | 1 49  | 0♏19  | 20 55 | 14 24 | 17 28 | 19 34 | 28 42 | 8 59 | 29 36 | 23 4  | 26 9  | 28 15 | 7 23 | W 26 | W 26 |
| T 27 | 16 10 | 25 15 | 2 35  | 1 1   | 21 33 | 15 1  | 18 5  | 20 13 | 29 18 | 9 13 | 29 45 | 23 14 | 26 18 | 28 25 | 7 30 | T 27 | T 27 |
| F 28 | 16 51 | 25 54 | 3 21  | 1 43  | 22 11 | 15 39 | 18 43 | 20 51 | 29 54 | 9 27 | 29 54 | 23 23 | 26 27 | 28 35 | 7 38 | F 28 | F 28 |
| S 29 | 17 35 | 26 35 | 4 7   | 2 26  | 22 48 | 16 17 | 19 20 | 21 29 | 0♏30  | 9 40 | 0♀3   | 23 32 | 26 35 | 28 44 | 7 44 | S 29 | S 29 |
| S 30 | 18♏20 | 27♏18 | 4♏53  | 3♏8   | 23♏26 | 16♏55 | 19♏58 | 22♏8  | 1♏5   | 9♏53 | 0♀11  | 23♏40 | 26♏43 | 28♏53 | 7♀51 | S 30 | S 30 |
| Day  | ♀/♁   | ♀/♂   | ♀/♃   | ♀/♄   | ♀/♅   | ♀/♆   | ♀/♇   | ♀/♈   | ♀/♉   | ♀/♊  | ♀/♋   | ♀/♌   | ♀/♍   | ♀/♎   | ♀/♏  | ♀/♐  | Day  |

| Day  | ♃/♁   | ♃/♂   | ♃/♃   | ♃/♄   | ♃/♅  | ♃/♆   | ♃/♇   | ♃/♈   | ♃/♉   | ♃/♊  | ♃/♋   | ♃/♌   | ♃/♍   | ♃/♎   | ♃/♏   | ♃/♐ | Day |
|------|-------|-------|-------|-------|------|-------|-------|-------|-------|------|-------|-------|-------|-------|-------|-----|-----|
| S 1  | 25♏58 | 19♏15 | 22♏23 | 24♏6  | 4♏13 | 12♏23 | 15♏31 | 17♏14 | 27♏21 | 8♏48 | 10♏31 | 20♏38 | 13♏39 | 23♏46 | 25♏28 | S 1 | S 1 |
| T 4  | 26 13 | 19 32 | 22 40 | 24 25 | 4 26 | 12 20 | 15 27 | 17 13 | 27 13 | 8 47 | 10 32 | 20 33 | 13 40 | 23 40 | 25 26 | T 4 | T 4 |
| F 7  | 26 28 | 19 49 | 22 57 | 24 45 | 4 39 | 12 16 | 15 24 | 17 12 | 27 6  | 8 45 | 10 33 | 20 27 | 13 41 | 23 35 | 25 23 | F 7 | F 7 |
| M 10 | 26 43 | 20 6  | 23 13 | 25 5  | 4 52 | 12 14 | 15 21 | 17 12 | 26 59 | 8 44 | 10 35 | 20 22 | 13 42 | 23 29 | 25 20 |     |     |

Table with 17 columns: Day, ☉/♀, ☉/♀, ☉/♂, ☉/♂, ☉/♂, ☉/♂, ☉/♂, ☉/♂, ☉/♂, ☉/♂, ♀/♀, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, Day. Contains planetary data for October 1990.

Table with 17 columns: Day, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, Day. Contains planetary data for October 1990.

Table with 17 columns: Day, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, Day. Contains planetary data for October 1990.

Delta T = 57.38 sec.

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NOVEMBER 1990

MIDPOINTS 00:00 UT

NOVEMBER 1990

| Day  | ♈/♈   | ♈/♈   | ♈/♈   | ♈/♈   | ♈/♈   | ♈/♈   | ♈/♈   | ♈/♈   | ♈/♈   | ♈/♈   | ♈/♈   | ♈/♈   | ♈/♈   | ♈/♈   | ♈/♈   | ♈/♈  | Day |
|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-----|
| T 1  | 11♈24 | 8♈14  | 25♈58 | 25♈16 | 14♈7  | 7♈25  | 10♈15 | 12♈49 | 20♈20 | 11♈19 | 29♈4  | 28♈22 | 17♈12 | 10♈30 | 13♈20 | T 1  |     |
| F 2  | 12 41 | 9 21  | 26 23 | 25 49 | 14 39 | 7 56  | 10 46 | 13 20 | 20 49 | 12 44 | 29 46 | 29 12 | 18 2  | 11 19 | 14 9  | F 2  |     |
| S 3  | 13 58 | 10 29 | 26 48 | 26 22 | 15 11 | 8 27  | 11 16 | 13 51 | 21 17 | 14 9  | 0♈28  | 0♈2   | 18 51 | 12 7  | 14 56 | S 3  |     |
| S 4  | 15 15 | 11 36 | 27 12 | 26 54 | 15 43 | 8 59  | 11 47 | 14 23 | 21 45 | 15 33 | 1 9   | 0 51  | 19 40 | 12 56 | 15 44 | S 4  |     |
| M 5  | 16 32 | 12 44 | 27 35 | 27 27 | 16 15 | 9 30  | 12 18 | 14 54 | 22 14 | 16 58 | 1 49  | 1 40  | 20 28 | 13 44 | 16 31 | M 5  |     |
| T 6  | 17 49 | 13 52 | 27 59 | 27 59 | 16 47 | 10 1  | 12 49 | 15 25 | 22 42 | 18 22 | 2 29  | 2 29  | 21 17 | 14 31 | 17 19 | T 6  |     |
| W 7  | 19 5  | 15 0  | 28 22 | 28 31 | 17 19 | 10 33 | 13 19 | 15 57 | 23 11 | 19 46 | 3 8   | 3 18  | 22 5  | 15 19 | 18 6  | W 7  |     |
| T 8  | 20 22 | 16 7  | 28 44 | 29 4  | 17 51 | 11 4  | 13 50 | 16 28 | 23 39 | 21 10 | 3 47  | 4 6   | 22 54 | 16 7  | 18 53 | T 8  |     |
| F 9  | 21 38 | 17 15 | 29 6  | 29 36 | 18 23 | 11 35 | 14 21 | 16 59 | 24 8  | 22 34 | 4 25  | 4 54  | 23 42 | 16 54 | 19 40 | F 9  |     |
| S 10 | 22 54 | 18 23 | 29 28 | 0♈8   | 18 56 | 12 7  | 14 52 | 17 31 | 24 36 | 23 57 | 5 2   | 5 42  | 24 30 | 17 41 | 20 26 | S 10 |     |
| S 11 | 24 10 | 19 31 | 29 50 | 0 40  | 19 28 | 12 38 | 15 23 | 18 2  | 25 5  | 25 20 | 5 39  | 6 30  | 25 18 | 18 28 | 21 13 | S 11 |     |
| M 12 | 25 25 | 20 38 | 0♈11  | 1 12  | 20 0  | 13 10 | 15 54 | 18 33 | 25 34 | 26 44 | 6 16  | 7 17  | 26 6  | 19 15 | 21 59 | M 12 |     |
| T 13 | 26 41 | 21 46 | 0 32  | 1 44  | 20 33 | 13 41 | 16 25 | 19 5  | 26 2  | 28 7  | 6 52  | 8 4   | 26 53 | 20 2  | 22 45 | T 13 |     |
| W 14 | 27 56 | 22 54 | 0 52  | 2 16  | 21 5  | 14 13 | 16 56 | 19 36 | 26 31 | 29 30 | 7 27  | 8 51  | 27 41 | 20 48 | 23 31 | W 14 |     |
| T 15 | 29 12 | 24 2  | 1 12  | 2 47  | 21 38 | 14 44 | 17 27 | 20 8  | 26 59 | 0♈52  | 8 3   | 9 37  | 28 28 | 21 35 | 24 17 | T 15 |     |
| F 16 | 0♈27  | 25 10 | 1 33  | 3 19  | 22 11 | 15 16 | 17 58 | 20 39 | 27 28 | 2 15  | 8 37  | 10 24 | 29 15 | 22 21 | 25 2  | F 16 |     |
| S 17 | 1 41  | 26 18 | 1 52  | 3 51  | 22 43 | 15 48 | 18 29 | 21 10 | 27 57 | 3 37  | 9 11  | 11 10 | 0♈2   | 23 7  | 25 48 | S 17 |     |
| S 18 | 2 56  | 27 26 | 2 12  | 4 22  | 23 16 | 16 19 | 19 0  | 21 42 | 28 25 | 4 59  | 9♈45  | 11 55 | 0 49  | 23 53 | 26 33 | S 18 |     |
| M 19 | 4 11  | 28 34 | 2 32  | 4 53  | 23 49 | 16 51 | 19 31 | 22 13 | 28 54 | 6 21  | 10 19 | 12 41 | 1 36  | 24 38 | 27 18 | M 19 |     |
| T 20 | 5 25  | 29 42 | 2 51  | 5 25  | 24 22 | 17 23 | 20 2  | 22 45 | 29 23 | 7 43  | 10 52 | 13 26 | 2 23  | 25 24 | 28 3  | T 20 |     |
| W 21 | 6 39  | 0♈50  | 3 10  | 5 56  | 24 55 | 17 55 | 20 33 | 23 16 | 29 51 | 9 4   | 11 24 | 14 10 | 3 9   | 26 9  | 28 48 | W 21 |     |
| T 22 | 7 53  | 1 58  | 3 29  | 6 27  | 25 27 | 18 26 | 21 4  | 23 48 | 0♈20  | 10 25 | 11 57 | 14 55 | 3 55  | 26 54 | 29 32 | T 22 |     |
| F 23 | 9 6   | 3 6   | 3 48  | 6 58  | 26 0  | 18 58 | 21 36 | 24 19 | 0 49  | 11 46 | 12 29 | 15 39 | 4 41  | 27 39 | 0♈16  | F 23 |     |
| S 24 | 10 19 | 4 14  | 4 7   | 7 29  | 26 33 | 19 30 | 22 7  | 24 51 | 1 18  | 13 7  | 13 0  | 16 22 | 5 26  | 28 23 | 1 0   | S 24 |     |
| S 25 | 11 32 | 5 22  | 4 26  | 8 0   | 27 6  | 20 2  | 22 38 | 25 22 | 1 46  | 14 27 | 13 31 | 17 5  | 6 11  | 29 7  | 1 43  | S 25 |     |
| M 26 | 12 45 | 6 30  | 4 45  | 8 31  | 27 39 | 20 34 | 23 9  | 25 54 | 2 15  | 15 46 | 14 2  | 17 48 | 6 56  | 29 51 | 2 26  | M 26 |     |
| T 27 | 13 56 | 7 38  | 5 4   | 9 2   | 28 13 | 21 6  | 23 41 | 26 25 | 2 44  | 17 6  | 14 32 | 18 30 | 7 40  | 0♈34  | 3 8   | T 27 |     |
| W 28 | 15 8  | 8 46  | 5♈23  | 9 32  | 28 46 | 21 38 | 24 12 | 26 57 | 3 13  | 18 24 | 15 2  | 19 11 | 8 24  | 1 16  | 3 50  | W 28 |     |
| T 29 | 16 18 | 9 54  | 5 42  | 10 3  | 29 19 | 22 10 | 24 43 | 27 28 | 3 41  | 19 42 | 15 31 | 19 51 | 9 7   | 1 58  | 4 32  | T 29 |     |
| F 30 | 17♈28 | 11♈2  | 6♈2   | 10♈33 | 29♈52 | 22♈42 | 25♈15 | 28♈0  | 4♈10  | 21♈0  | 15♈59 | 20♈31 | 9♈50  | 2♈39  | 5♈12  | F 30 |     |
| Day  | ♈/♈   | ♈/♈   | ♈/♈   | ♈/♈   | ♈/♈   | ♈/♈   | ♈/♈   | ♈/♈   | ♈/♈   | ♈/♈   | ♈/♈   | ♈/♈   | ♈/♈   | ♈/♈   | ♈/♈   | Day  |     |

| Day  | ♈/♈   | ♈/♈   | ♈/♈   | ♈/♈   | ♈/♈   | ♈/♈   | ♈/♈   | ♈/♈   | ♈/♈   | ♈/♈   | ♈/♈   | ♈/♈   | ♈/♈   | ♈/♈   | ♈/♈  | Day  |
|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|------|
| T 1  | 15♈54 | 23♈25 | 25♈54 | 25♈12 | 14♈2  | 7♈20  | 10♈10 | 12♈44 | 20♈15 | 12♈56 | 1♈47  | 25♈5  | 27♈55 | 0♈29  | 8♈0  | T 1  |
| F 2  | 16 43 | 24 11 | 26 26 | 25 52 | 14 42 | 7 59  | 10 48 | 13 23 | 20 51 | 12 54 | 1 44  | 25 1  | 27 51 | 0 25  | 7 53 | F 2  |
| S 3  | 17 31 | 24 57 | 26 58 | 26 32 | 15 21 | 8 38  | 11 27 | 14 2  | 21 27 | 12 51 | 1 40  | 24 57 | 27 46 | 0 21  | 7 46 | S 3  |
| S 4  | 18 20 | 25 42 | 27 30 | 27 12 | 16 1  | 9 17  | 12 5  | 14 41 | 22 3  | 12 47 | 1 36  | 24 52 | 27 40 | 0 16  | 7 39 | S 4  |
| M 5  | 19 8  | 26 28 | 28 1  | 27 52 | 16 40 | 9 55  | 12 43 | 15 20 | 22 39 | 12 44 | 1 31  | 24 47 | 27 35 | 0 11  | 7 31 | M 5  |
| T 6  | 19 55 | 27 13 | 28 32 | 28 32 | 17 20 | 10 34 | 13 22 | 15 58 | 23 15 | 12 39 | 1 27  | 24 41 | 27 28 | 0 5   | 7 22 | T 6  |
| W 7  | 20 43 | 27 57 | 29 2  | 29 12 | 18 0  | 11 13 | 14 0  | 16 37 | 23 51 | 12 34 | 1 22  | 24 35 | 27 22 | 29♈59 | 7 13 | W 7  |
| T 8  | 21 31 | 28 42 | 29 32 | 29 52 | 18 39 | 11 52 | 14 38 | 17 16 | 24 28 | 12 29 | 1 16  | 24 29 | 27 15 | 29 53 | 7 4  | T 8  |
| F 9  | 22 18 | 29 26 | 0♈2   | 0♈32  | 19 19 | 12 31 | 15 17 | 17 55 | 25 4  | 12 23 | 1 10  | 24 22 | 27 8  | 29 46 | 6 55 | F 9  |
| S 10 | 23 5  | 0♈11  | 0 31  | 1 11  | 19 59 | 13 10 | 15 55 | 18 34 | 25 40 | 12 16 | 1 4   | 24 15 | 27 0  | 29 39 | 6 45 | S 10 |
| S 11 | 23 52 | 0 55  | 1 0   | 1 51  | 20 39 | 13 49 | 16 33 | 19 13 | 26 16 | 12 10 | 0 58  | 24 8  | 26 52 | 29 32 | 6 35 | S 11 |
| M 12 | 24 38 | 1 39  | 1 29  | 2 30  | 21 19 | 14 28 | 17 12 | 19 52 | 26 52 | 12 2  | 0 51  | 24 0  | 26 44 | 29 24 | 6 24 | M 12 |
| T 13 | 25 25 | 2 23  | 1 57  | 3 10  | 21 59 | 15 7  | 17 50 | 20 30 | 27 28 | 11 55 | 0 44  | 23 52 | 26 36 | 29 16 | 6 13 | T 13 |
| W 14 | 26 11 | 3 6   | 2 25  | 3 49  | 22 39 | 15 46 | 18 29 | 21 9  | 28 4  | 11 47 | 0 37  | 23 44 | 26 27 | 29 7  | 6 2  | W 14 |
| T 15 | 26 58 | 3 50  | 2 53  | 4 28  | 23 19 | 16 25 | 19 7  | 21 48 | 28 40 | 11 38 | 0 29  | 23 35 | 26 18 | 28 59 | 5 50 | T 15 |
| F 16 | 27 44 | 4 33  | 3 21  | 5 7   | 23 59 | 17 4  | 19 46 | 22 27 | 29 16 | 11 30 | 0 21  | 23 27 | 26 8  | 28 50 | 5 39 | F 16 |
| S 17 | 28 29 | 5 16  | 3 48  | 5 46  | 24 39 | 17 43 | 20 24 | 23 6  | 29 52 | 11 21 | 0 13  | 23 18 | 25 59 | 28 40 | 5 27 | S 17 |
| S 18 | 29 15 | 5 59  | 4 15  | 6 25  | 25 19 | 18 22 | 21 3  | 23 45 | 0♈28  | 11 11 | 0 5   | 23 9  | 25 49 | 28 31 | 5 14 | S 18 |
| M 19 | 0♈1   | 6 41  | 4 42  | 7 4   | 25 59 | 19 1  | 21 41 | 24 24 | 1 4   | 11 2  | 29♈57 | 22 59 | 25 39 | 28 21 | 5 2  | M 19 |
| T 20 | 0 46  | 7 24  | 5 9   | 7 42  | 26 39 | 19 41 | 22 20 | 25 3  | 1 40  | 10 52 | 29 49 | 22 50 | 25 29 | 28 12 | 4 50 | T 20 |
| W 21 | 1 31  | 8 6   | 5 35  | 8 21  | 27 20 | 20 20 | 22 58 | 25 41 | 2 17  | 10 42 | 29 40 | 22 40 | 25 19 | 28 2  | 4 37 | W 21 |
| T 22 | 2 15  | 8 48  | 6 2   | 9 0   | 28 0  | 20 59 | 23 37 | 26 20 | 2 53  | 10 31 | 29 31 | 22 30 | 25 8  | 27 52 | 4 24 | T 22 |
| F 23 | 3 0   | 9 29  | 6 28  | 9 38  | 28 40 | 21 38 | 24 15 | 26 59 | 3 29  | 10 21 | 29 23 | 22 21 | 24 58 | 27 42 | 4 11 | F 23 |
| S 24 | 3 44  | 10 11 | 6♈54  | 10 16 | 29 21 | 22 17 | 24 54 | 27 38 | 4 5   | 10 10 | 29 14 | 22 11 | 24 48 | 27 32 | 3 58 | S 24 |
| S 25 | 4 27  | 10 51 | 7 21  | 10 55 | 0♈1   | 22 57 | 25 33 | 28 17 | 4 41  | 9 59  | 29 5  | 22 1  | 24 37 | 27 21 | 3 45 | S 25 |
| M 26 | 5 11  | 11 32 | 7 47  | 11 33 | 0 41  | 23 36 | 26 11 | 28 56 | 5 17  | 9 48  | 28 57 | 21 51 | 24 27 | 27 1  | 3 32 | M 26 |
| T 27 | 5 53  | 12 12 | 8 13  | 12 11 | 1 22  | 24 15 | 26 50 | 29 35 | 5 53  | 9 37  | 28 48 | 21 41 | 24 16 | 27 11 | 3 20 | T 27 |
| W 28 | 6 35  | 12 51 | 8 40  | 12 49 | 2 2   | 24 54 | 27 28 | 0♈13  | 6 29  | 9 26  | 28 40 | 21 32 | 24 6  | 26 51 | 3 7  | W 28 |
| T 29 | 7 17  | 13 30 | 9 6   | 13 27 | 2 43  | 25 34 | 28 7  | 0 52  | 7 5   | 9 15  | 28 31 | 21 22 | 23 56 | 26 41 | 2 54 | T 29 |
| F 30 | 7♈58  | 14♈8  | 9♈33  | 14♈4  | 3♈23  | 26♈13 | 28♈46 | 1♈31  | 7♈41  | 9♈4   | 28♈23 | 21♈13 | 23♈45 | 26♈31 | 2♈41 | F 30 |
| Day  | ♈/♈   | ♈/♈   | ♈/♈   | ♈/♈   | ♈/♈   | ♈/♈   | ♈/♈   | ♈/♈   | ♈/♈   | ♈/♈   | ♈/♈   | ♈/♈   | ♈/♈   | ♈/♈   | ♈/♈  | Day  |

| Day  | ♈/♈    | ♈/♈   | ♈/♈   | ♈/♈   | ♈/♈  | ♈/♈   | ♈/♈   | ♈/♈   | ♈/♈   | ♈/♈  | ♈/♈   | ♈/♈   | ♈/♈   | ♈/♈   | ♈/♈   | Day  |
|------|--------|-------|-------|-------|------|-------|-------|-------|-------|------|-------|-------|-------|-------|-------|------|
| T 1  | 1♈5    | 24♈23 | 27♈13 | 29♈47 | 7♈18 | 13♈14 | 16♈4  | 18♈38 | 26♈9  | 9♈22 | 11♈56 | 19♈27 | 14♈46 | 22♈17 | 24♈51 | T 1  |
| S 4  | 1 18   | 24 34 | 27 23 | 29 58 | 7 21 | 13 23 | 16 11 | 18 47 | 26 10 | 9 27 | 12 3  | 19 26 | 14 51 | 22 14 | 24 50 | S 4  |
| W 7  | 1 31   | 24 45 | 27 32 | 0♈9   | 7 23 | 13 32 | 16 19 | 18 57 | 26 11 | 9 33 | 12 10 | 19 24 | 14 57 | 22 11 | 24 48 | W 7  |
| S 10 | 1 44   | 24 55 | 27 40 | 0 19  | 7 25 | 13 43 | 16 28 | 19 7  | 26 12 | 9 39 | 12 18 | 19 24 | 15 3  | 22 9  | 24 47 | S 10 |
| T 13 | 1 56   | 25 4  | 27 48 | 0 28  | 7 25 | 13 54 | 16 37 | 19 17 | 26 14 | 9 45 | 12 25 | 19 23 | 15 9  | 22 6  | 24 45 | T 13 |
| F 16 | 2 8    | 25 13 | 27 55 | 0 36  | 7 25 | 14 5  | 16 46 | 19 28 | 26 17 | 9 52 | 12 33 | 19 22 | 15 15 | 22 4  | 24 46 | F 16 |
| M 19 | 2 19   | 25 21 | 28 1  | 0 43  | 7 24 | 14 17 | 16 56 | 19 39 | 26 19 | 9 59 | 12 41 | 19 22 | 15 21 | 22 1  | 24 44 | M 19 |
| T 22 | 2 29   | 25 28 | 28 6  | 0 50  | 7 22 | 14 29 | 17 7  | 19 50 | 26 22 | 10 6 | 12 49 | 19 21 | 15 27 | 21 59 | 24 43 | T 22 |
| S 25 | 2 39</ |       |       |       |      |       |       |       |       |      |       |       |       |       |       |      |

DECEMBER 1990

MIDPOINTS 00:00 UT

DECEMBER 1990

| Day  | ♈/♌   | ♈/♍   | ♈/♎   | ♈/♏   | ♈/♐   | ♈/♑   | ♈/♒   | ♈/♓   | ♈/♈   | ♈/♉   | ♈/♊   | ♈/♋   | ♈/♌   | ♈/♍  | ♈/♎   | ♈/♏  | ♈/♐ | ♈/♑ | ♈/♒ | ♈/♓ | Day |
|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-------|------|-----|-----|-----|-----|-----|
| S 1  | 18♌38 | 12♌10 | 6♌21  | 11♌4  | 0♌25  | 23♌14 | 25♌46 | 28♌32 | 4♌39  | 22♌16 | 16♌27 | 21♌10 | 10♌32 | 3♌20 | 5♌52  | S 1  |     |     |     |     |     |
| S 2  | 19 46 | 13 18 | 6 41  | 11 34 | 0 59  | 23 46 | 26 17 | 29 3  | 5 8   | 23 31 | 16 54 | 21 47 | 11 12 | 3 59 | 6 31  | S 2  |     |     |     |     |     |
| M 3  | 20 53 | 14 26 | 7 0   | 12 4  | 1 32  | 24 18 | 26 49 | 29 35 | 5 37  | 24 46 | 17 20 | 22 24 | 11 52 | 4 38 | 7 9   | M 3  |     |     |     |     |     |
| T 4  | 21 59 | 15 34 | 7 20  | 12 34 | 2 5   | 24 50 | 27 20 | 0♌6   | 6 5   | 25 59 | 17 45 | 22 59 | 12 30 | 5 15 | 7 45  | T 4  |     |     |     |     |     |
| W 5  | 23 3  | 16 42 | 7 40  | 13 4  | 2 39  | 25 22 | 27 52 | 0 38  | 6 34  | 27 11 | 18 9  | 23 33 | 13 7  | 5 50 | 8 20  | W 5  |     |     |     |     |     |
| T 6  | 24 6  | 17 50 | 8 1   | 13 34 | 3 12  | 25 54 | 28 23 | 1 9   | 7 3   | 28 21 | 18 31 | 24 4  | 13 43 | 6 24 | 8 53  | T 6  |     |     |     |     |     |
| F 7  | 25 7  | 18 58 | 8 21  | 14 4  | 3 46  | 26 26 | 28 54 | 1 41  | 7 32  | 29 29 | 18 51 | 24 34 | 14 16 | 6 56 | 9 25  | F 7  |     |     |     |     |     |
| S 8  | 26 5  | 20 7  | 8 42  | 14 34 | 4 19  | 26 58 | 29 26 | 2 13  | 8 1   | 0♌34  | 19 10 | 25 1  | 14 47 | 7 26 | 9 54  | S 8  |     |     |     |     |     |
| S 9  | 27 1  | 21 15 | 9 3   | 15 3  | 4 53  | 27 30 | 29 57 | 2 44  | 8 30  | 1 38  | 19 26 | 25 26 | 15 16 | 7 53 | 10 20 | S 9  |     |     |     |     |     |
| M 10 | 27 54 | 22 23 | 9 25  | 15 33 | 5 26  | 28 3  | 0♌29  | 3 16  | 8 59  | 2 38  | 19 40 | 25 48 | 15 41 | 8 18 | 10 44 | M 10 |     |     |     |     |     |
| T 11 | 28 44 | 23 31 | 9 47  | 16 2  | 6 0   | 28 35 | 1 0   | 3 47  | 9 28  | 3 35  | 19 50 | 26 6  | 16 4  | 8 39 | 11 4  | T 11 |     |     |     |     |     |
| W 12 | 29 30 | 24 39 | 10 9  | 16 32 | 6 34  | 29 7  | 1 32  | 4 19  | 9 56  | 4 28  | 19 58 | 26 21 | 16 23 | 8 56 | 11 21 | W 12 |     |     |     |     |     |
| T 13 | 0♌12  | 25 47 | 10 31 | 17 1  | 7 7   | 29 39 | 2 4   | 4 50  | 10 25 | 5 17  | 20 1  | 26 31 | 16 37 | 9 9  | 11 34 | T 13 |     |     |     |     |     |
| F 14 | 0 50  | 26 56 | 10 54 | 17 30 | 7 41  | 0♌12  | 2 35  | 5 22  | 10 54 | 6 2   | 20 1  | 26 37 | 16 48 | 9 18 | 11 42 | F 14 |     |     |     |     |     |
| S 15 | 1 22  | 28 4  | 11 17 | 17 59 | 8 15  | 0 44  | 3 7   | 5 54  | 11 23 | 6 42  | 19 55 | 26 37 | 16 53 | 9 22 | 11 45 | S 15 |     |     |     |     |     |
| S 16 | 1 50  | 29 12 | 11 41 | 18 28 | 8 49  | 1 16  | 3 38  | 6 25  | 11 52 | 7 16  | 19 45 | 26 32 | 16 53 | 9 20 | 11 43 | S 16 |     |     |     |     |     |
| M 17 | 2 11  | 0♌20  | 12 5  | 18 57 | 9 22  | 1 48  | 4 10  | 6 57  | 12 21 | 7 45  | 19 29 | 26 22 | 16 47 | 9 13 | 11 35 | M 17 |     |     |     |     |     |
| T 18 | 2 27  | 1 28  | 12 29 | 19 26 | 9 56  | 2 21  | 4 42  | 7 28  | 12 50 | 8 8   | 19 8  | 26 5  | 16 35 | 9 0  | 11 21 | T 18 |     |     |     |     |     |
| W 19 | 2 37  | 2 37  | 12 54 | 19 55 | 10 30 | 2 53  | 5 13  | 8 0   | 13 19 | 8 25  | 18 42 | 25 43 | 16 18 | 8 41 | 11 1  | W 19 |     |     |     |     |     |
| T 20 | 2 41  | 3 45  | 13 19 | 20 24 | 11 4  | 3 25  | 5 45  | 8 31  | 13 48 | 8 36  | 18 11 | 25 15 | 15 55 | 8 17 | 10 36 | T 20 |     |     |     |     |     |
| F 21 | 2 40  | 4 53  | 13 45 | 20 52 | 11 38 | 3 58  | 6 17  | 9 3   | 14 17 | 8 43  | 17 34 | 24 42 | 15 27 | 7 47 | 10 6  | F 21 |     |     |     |     |     |
| S 22 | 2 35  | 6 1   | 14 11 | 21 21 | 12 12 | 4 30  | 6 48  | 9 35  | 14 46 | 8 45  | 16 54 | 24 4  | 14 55 | 7 13 | 9 32  | S 22 |     |     |     |     |     |
| S 23 | 2 27  | 7 9   | 14 37 | 21 49 | 12 46 | 5 2   | 7 20  | 10 6  | 15 15 | 8 44  | 16 12 | 23 23 | 14 20 | 6 36 | 8 54  | S 23 |     |     |     |     |     |
| M 24 | 2 17  | 8 18  | 15 4  | 22 17 | 13 20 | 5 35  | 7 52  | 10 38 | 15 44 | 8 41  | 15 27 | 22 40 | 13 42 | 5 58 | 8 15  | M 24 |     |     |     |     |     |
| T 25 | 2 6   | 9 26  | 15 32 | 22 46 | 13 54 | 6 7   | 8 23  | 11 9  | 16 13 | 8 37  | 14 43 | 21 57 | 13 5  | 5 18 | 7 34  | T 25 |     |     |     |     |     |
| W 26 | 1 57  | 10 34 | 15 59 | 23 14 | 14 27 | 6 39  | 8 55  | 11 41 | 16 42 | 8 34  | 13 59 | 21 14 | 12 27 | 4 39 | 6 55  | W 26 |     |     |     |     |     |
| T 27 | 1 49  | 11 42 | 16 28 | 23 42 | 15 1  | 7 12  | 9 27  | 12 12 | 17 11 | 8 33  | 13 19 | 20 33 | 11 52 | 4 3  | 6 18  | T 27 |     |     |     |     |     |
| F 28 | 1 44  | 12 51 | 16 56 | 24 10 | 15 35 | 7 44  | 9 58  | 12 44 | 17 40 | 8 36  | 12 41 | 19 55 | 11 21 | 3 29 | 5 44  | F 28 |     |     |     |     |     |
| S 29 | 1 43  | 13 59 | 17 25 | 24 38 | 16 9  | 8 16  | 10 30 | 13 15 | 18 9  | 8 42  | 12 8  | 19 21 | 10 53 | 3 0  | 5 13  | S 29 |     |     |     |     |     |
| S 30 | 1 47  | 15 7  | 17 54 | 25 6  | 16 43 | 8 49  | 11 2  | 13 47 | 18 38 | 8 53  | 11 41 | 18 52 | 10 30 | 2 35 | 4 48  | S 30 |     |     |     |     |     |
| M 31 | 1♌57  | 16♌15 | 18♌24 | 25♌33 | 17♌17 | 9♌21  | 11♌33 | 14♌18 | 19♌7  | 9♌10  | 11♌19 | 18♌28 | 10♌12 | 2♌16 | 4♌28  | M 31 |     |     |     |     |     |

| Day  | ♈/♌   | ♈/♍   | ♈/♎   | ♈/♏   | ♈/♐   | ♈/♑   | ♈/♒   | ♈/♓   | ♈/♈   | ♈/♉  | ♈/♊   | ♈/♋   | ♈/♌   | ♈/♍   | ♈/♎   | ♈/♏  | ♈/♐ | ♈/♑ | ♈/♒ | ♈/♓ | Day |
|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-------|-------|-------|-------|-------|------|-----|-----|-----|-----|-----|
| S 1  | 8♌38  | 14♌45 | 9♌59  | 14♌42 | 4♌4   | 26♌52 | 29♌24 | 2♌10  | 8♌17  | 8♌53 | 28♌15 | 21♌3  | 23♌35 | 26♌21 | 2♌29  | S 1  |     |     |     |     |     |
| S 2  | 9 17  | 15 21 | 10 26 | 15 20 | 4 44  | 27 31 | 0♌3   | 2 49  | 8 53  | 8 42 | 28 7  | 20 54 | 23 26 | 26 11 | 2 16  | S 2  |     |     |     |     |     |
| M 3  | 9 55  | 15 56 | 10 53 | 15 57 | 5 25  | 28 11 | 0 42  | 3 28  | 9 30  | 8 31 | 27 59 | 20 45 | 23 16 | 26 2  | 2 4   | M 3  |     |     |     |     |     |
| T 4  | 10 31 | 16 30 | 11 20 | 16 34 | 6 6   | 28 50 | 1 20  | 4 6   | 10 6  | 8 20 | 27 52 | 20 36 | 23 6  | 25 53 | 1 52  | T 4  |     |     |     |     |     |
| W 5  | 11 6  | 17 3  | 11 48 | 17 12 | 6 46  | 29 29 | 1 59  | 4 45  | 10 42 | 8 10 | 27 44 | 20 27 | 22 57 | 25 43 | 1 40  | W 5  |     |     |     |     |     |
| T 6  | 11 40 | 17 33 | 12 15 | 17 49 | 7 27  | 0♌9   | 2 38  | 5 24  | 11 18 | 7 59 | 27 37 | 20 19 | 22 48 | 25 34 | 1 28  | T 6  |     |     |     |     |     |
| F 7  | 12 11 | 18 2  | 12 43 | 18 26 | 8 8   | 0 48  | 3 16  | 6 3   | 11 54 | 7 49 | 27 31 | 20 11 | 22 39 | 25 26 | 1 17  | F 7  |     |     |     |     |     |
| S 8  | 12 40 | 18 29 | 13 11 | 19 3  | 8 48  | 1 27  | 3 55  | 6 42  | 12 30 | 7 38 | 27 24 | 20 3  | 22 31 | 25 17 | 1 6   | S 8  |     |     |     |     |     |
| S 9  | 13 7  | 18 53 | 13 40 | 19 40 | 9 29  | 2 7   | 4 34  | 7 20  | 13 6  | 7 28 | 27 18 | 19 55 | 22 22 | 25 9  | 0 55  | S 9  |     |     |     |     |     |
| M 10 | 13 31 | 19 14 | 14 8  | 20 16 | 10 10 | 2 46  | 5 12  | 7 59  | 13 42 | 7 18 | 27 12 | 19 48 | 22 14 | 25 1  | 0 44  | M 10 |     |     |     |     |     |
| T 11 | 13 51 | 19 31 | 14 37 | 20 53 | 10 51 | 3 26  | 5 51  | 8 38  | 14 18 | 7 9  | 27 6  | 19 41 | 22 7  | 24 54 | 0 34  | T 11 |     |     |     |     |     |
| W 12 | 14 8  | 19 46 | 15 7  | 21 30 | 11 32 | 4 5   | 6 30  | 9 17  | 14 54 | 6 59 | 27 1  | 19 34 | 21 59 | 24 46 | 0 24  | W 12 |     |     |     |     |     |
| T 13 | 14 20 | 19 55 | 15 36 | 22 6  | 12 12 | 4 44  | 7 9   | 9 55  | 15 30 | 6 50 | 26 56 | 19 28 | 21 53 | 24 39 | 0 14  | T 13 |     |     |     |     |     |
| F 14 | 14 29 | 20 1  | 16 6  | 22 42 | 12 53 | 5 24  | 7 47  | 10 34 | 16 6  | 6 41 | 26 52 | 19 22 | 21 46 | 24 33 | 0 5   | F 14 |     |     |     |     |     |
| S 15 | 14 32 | 20 1  | 16 37 | 23 19 | 13 34 | 6 3   | 8 26  | 11 13 | 16 43 | 6 32 | 26 48 | 19 17 | 21 40 | 24 26 | 29♌56 | S 15 |     |     |     |     |     |
| S 16 | 14 29 | 19 56 | 17 7  | 23 55 | 14 15 | 6 43  | 9 5   | 11 52 | 17 19 | 6 24 | 26 44 | 19 12 | 21 34 | 24 21 | 29 48 | S 16 |     |     |     |     |     |
| M 17 | 14 21 | 19 46 | 17 39 | 24 31 | 14 56 | 7 22  | 9 44  | 12 30 | 17 55 | 6 16 | 26 41 | 19 7  | 21 28 | 24 15 | 29 39 | M 17 |     |     |     |     |     |
| T 18 | 14 7  | 19 29 | 18 10 | 25 7  | 15 37 | 8 1   | 10 22 | 13 9  | 18 31 | 6 8  | 26 38 | 19 2  | 21 23 | 24 10 | 29 32 | T 18 |     |     |     |     |     |
| W 19 | 13 48 | 19 7  | 18 42 | 25 43 | 16 18 | 8 41  | 11 1  | 13 48 | 19 7  | 6 0  | 26 35 | 18 58 | 21 19 | 24 5  | 29 24 | W 19 |     |     |     |     |     |
| T 20 | 13 23 | 18 39 | 19 14 | 26 19 | 16 59 | 9 20  | 11 40 | 14 26 | 19 43 | 5 53 | 26 33 | 18 55 | 21 14 | 24 1  | 29 18 | T 20 |     |     |     |     |     |
| F 21 | 12 52 | 18 6  | 19 47 | 26 54 | 17 40 | 10 0  | 12 19 | 15 5  | 20 19 | 5 46 | 26 32 | 18 52 | 21 11 | 23 57 | 29 11 | F 21 |     |     |     |     |     |
| S 22 | 12 18 | 17 29 | 20 20 | 27 30 | 18 21 | 10 39 | 12 58 | 15 44 | 20 55 | 5 40 | 26 31 | 18 49 | 21 7  | 23 53 | 29 5  | S 22 |     |     |     |     |     |
| S 23 | 11 40 | 16 49 | 20 54 | 28 5  | 19 2  | 11 19 | 13 36 | 16 22 | 21 31 | 5 33 | 26 30 | 18 47 | 21 4  | 23 50 | 28 59 | S 23 |     |     |     |     |     |
| M 24 | 11 1  | 16 7  | 21 28 | 28 41 | 19 43 | 11 58 | 14 15 | 17 1  | 22 7  | 5 27 | 26 30 | 18 45 | 21 2  | 23 48 | 28 54 | M 24 |     |     |     |     |     |
| T 25 | 10 20 | 15 24 | 22 2  | 29 16 | 20 24 | 12 38 | 14 54 | 17 40 | 22 43 | 5 22 | 26 30 | 18 43 | 21 0  | 23 45 | 28 49 | T 25 |     |     |     |     |     |
| W 26 | 9 41  | 14 42 | 22 37 | 29 51 | 21 5  | 13 17 | 15 33 | 18 18 | 23 19 | 5 17 | 26 30 | 18 42 | 20 58 | 23 43 | 28 45 | W 26 |     |     |     |     |     |
| T 27 | 9 3   | 14 2  | 23 12 | 0♌27  | 21 46 | 13 56 | 16 11 | 18 57 | 23 55 | 5 12 | 26 31 | 18 42 | 20 57 | 23 42 | 28 41 | T 27 |     |     |     |     |     |
| F 28 | 8 29  | 13 25 | 23 48 | 1 2   | 22 27 | 14 36 | 16 50 | 19 35 | 24 32 | 5 7  | 26 33 | 18 41 | 20 56 | 23 41 | 28 37 | F 28 |     |     |     |     |     |
| S 29 | 7 58  | 12 52 | 24 24 | 1 37  | 23 8  | 15 15 | 17 29 | 20 14 | 25 8  | 5 3  | 26 35 | 18 42 | 20 55 | 23 40 | 28 34 | S 29 |     |     |     |     |     |
| S 30 | 7 33  | 12 24 | 25 0  | 2 12  | 23 49 | 15 55 | 18 8  | 20 52 | 25 44 | 4 59 | 26 37 | 18 42 | 20 55 | 23 40 | 28 31 | S 30 |     |     |     |     |     |
| M 31 | 7♌12  | 12♌1  | 25♌37 | 2♌46  | 24♌30 | 16♌34 | 18♌46 | 21♌31 | 26♌20 | 4♌55 | 26♌39 | 18♌43 | 20♌55 | 23♌40 | 28♌29 | M 31 |     |     |     |     |     |

| Day  | ♈/♌  | ♈/♍   | ♈/♎   | ♈/♏ | ♈/♐  | ♈/♑   | ♈/♒   | ♈/♓   | ♈/♈   | ♈/♉   | ♈/♊   | ♈/♋   | ♈/♌   | ♈/♍   | ♈/♎   | ♈/♏  | ♈/♐ | ♈/♑ | ♈/♒ | ♈/♓ | Day |
|------|------|-------|-------|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-----|-----|-----|-----|-----|
| S 1  | 2♌58 | 25♌46 | 28♌18 | 1♌4 | 7♌11 | 15♌8  | 17♌40 | 20♌26 | 26♌33 | 10♌28 | 13♌14 | 19♌21 | 15♌46 | 21♌53 | 24♌39 | S 1  |     |     |     |     |     |
| T 4  | 3 6  | 25 50 | 28 20 | 1 6 | 7 6  | 15 21 | 17 52 | 20 38 | 26 37 | 10 36 | 13 22 | 19 21 | 15 52 | 21 52 | 24 38 | T 4  |     |     |     |     |     |
| F 7  | 3 13 | 25 53 | 28 22 | 1 8 | 6 59 | 15 35 | 18 4  | 20 50 | 26 41 | 10 44 | 13 31 | 19 22 | 15 59 | 21 50 | 24 36 | F 7  |     |     |     |     |     |
| M 10 | 3 20 | 25 56 | 28 22 | 1 9 | 6 52 | 15 50 | 18 16 | 21 3  | 26 46 | 10 52 | 13 39 | 19 22 | 16 5  | 21 48 | 24 35 | M 10 |     |     |     |     |     |
| T 13 | 3 26 | 25 58 | 28 22 | 1 9 | 6 44 | 16 4  | 18 29 | 21 15 | 26 50 | 11 1  | 13 47 | 19 22 | 16 12 | 21 47 | 24 33 | T 13 |     |     |     |     |     |
| S 16 | 3 31 | 25 59 | 28 21 | 1 8 | 6 35 | 16 19 | 18 42 | 21 28 | 26 55 | 11 9  | 13 56 | 19 23 | 16 18 | 21 45 | 24 32 | S 16 |     |     |     |     |     |
| W 19 | 3 36 | 25 59 | 28 19 | 1 6 | 6 25 | 16 34 | 18 55 | 21 41 | 27 0  | 11 18 | 14 4  | 19 23 | 16 24 | 21 44 | 24 30 | W 19 |     |     |     |     |     |
| S 22 | 3 40 | 2     |       |     |      |       |       |       |       |       |       |       |       |       |       |      |     |     |     |     |     |