

PHASES OF THE MOON—1888.

Mean Time at Greenwich.

| January.              |    |    |      |
|-----------------------|----|----|------|
|                       | d. | h. | m.   |
| ☾ Last Quarter .....  | 5  | 23 | 42.6 |
| ● New Moon .....      | 12 | 20 | 38.7 |
| ☽ First Quarter ..... | 20 | 16 | 49.3 |
| ○ Full Moon .....     | 28 | 11 | 18.9 |
| ☾ Perigee .....       | 8  | 1  |      |
| ☾ Apogee .....        | 20 | 13 |      |

| February.             |    |    |      |
|-----------------------|----|----|------|
|                       | d. | h. | m.   |
| ☾ Last Quarter .....  | 4  | 7  | 25.8 |
| ● New Moon .....      | 11 | 11 | 52.5 |
| ☽ First Quarter ..... | 19 | 13 | 59.2 |
| ○ Full Moon .....     | 26 | 23 | 57.6 |
| ☾ Perigee .....       | 1  | 17 |      |
| ☾ Apogee .....        | 17 | 10 |      |
| ☾ Perigee .....       | 29 | 4  |      |

| March.                |    |    |      |
|-----------------------|----|----|------|
|                       | d. | h. | m.   |
| ☾ Last Quarter .....  | 4  | 15 | 26.1 |
| ● New Moon .....      | 12 | 4  | 21.0 |
| ☽ First Quarter ..... | 20 | 8  | 43.4 |
| ○ Full Moon .....     | 27 | 10 | 7.4  |
| ☾ Perigee .....       | 16 | 2  |      |
| ☾ Perigee .....       | 28 | 11 |      |

| April.                |    |    |      |
|-----------------------|----|----|------|
|                       | d. | h. | m.   |
| ☾ Last Quarter .....  | 3  | 0  | 41.3 |
| ● New Moon .....      | 10 | 21 | 7.7  |
| ☽ First Quarter ..... | 18 | 23 | 52.2 |
| ○ Full Moon .....     | 25 | 18 | 22.1 |
| ☾ Perigee .....       | 12 | 11 |      |
| ☾ Perigee .....       | 25 | 21 |      |

| May.                  |    |    |      |
|-----------------------|----|----|------|
|                       | d. | h. | m.   |
| ☾ Last Quarter .....  | 2  | 11 | 47.1 |
| ● New Moon .....      | 10 | 13 | 23.5 |
| ☽ First Quarter ..... | 18 | 11 | 5.1  |
| ○ Full Moon .....     | 25 | 1  | 40.1 |
| ☾ Perigee .....       | 9  | 13 |      |
| ☾ Perigee .....       | 24 | 7  |      |

| June.                 |    |    |      |
|-----------------------|----|----|------|
|                       | d. | h. | m.   |
| ☾ Last Quarter .....  | 1  | 0  | 53.4 |
| ● New Moon .....      | 9  | 4  | 34.0 |
| ☽ First Quarter ..... | 16 | 18 | 49.7 |
| ○ Full Moon .....     | 23 | 9  | 7.5  |
| ☾ Last Quarter .....  | 30 | 15 | 52.6 |
| ☾ Perigee .....       | 5  | 21 |      |
| ☾ Perigee .....       | 21 | 12 |      |

| July.                 |    |    |      |
|-----------------------|----|----|------|
|                       | d. | h. | m.   |
| ● New Moon .....      | 8  | 18 | 16.7 |
| ☽ First Quarter ..... | 16 | 0  | 12.9 |
| ○ Full Moon .....     | 22 | 17 | 45.1 |
| ☾ Last Quarter .....  | 30 | 8  | 29.6 |
| ☾ Apogee .....        | 3  | 12 |      |
| ☾ Perigee .....       | 19 | 7  |      |
| ☾ Apogee .....        | 31 | 6  |      |

| August.               |    |    |      |
|-----------------------|----|----|------|
|                       | d. | h. | m.   |
| ● New Moon .....      | 7  | 6  | 21.0 |
| ☽ First Quarter ..... | 14 | 4  | 44.1 |
| ○ Full Moon .....     | 21 | 4  | 20.3 |
| ☾ Last Quarter .....  | 29 | 2  | 18.3 |
| ☾ Perigee .....       | 14 | 0  |      |
| ☾ Apogee .....        | 28 | 1  |      |

| September.            |    |    |      |
|-----------------------|----|----|------|
|                       | d. | h. | m.   |
| ● New Moon .....      | 5  | 16 | 56.1 |
| ☽ First Quarter ..... | 12 | 9  | 59.9 |
| ○ Full Moon .....     | 19 | 17 | 24.3 |
| ☾ Last Quarter .....  | 27 | 20 | 30.2 |
| ☾ Perigee .....       | 8  | 23 |      |
| ☾ Apogee .....        | 24 | 20 |      |

| October.              |    |    |      |
|-----------------------|----|----|------|
|                       | d. | h. | m.   |
| ● New Moon .....      | 5  | 2  | 34.2 |
| ☽ First Quarter ..... | 11 | 17 | 29.1 |
| ○ Full Moon .....     | 19 | 9  | 8.9  |
| ☾ Last Quarter .....  | 27 | 13 | 55.6 |
| ☾ Perigee .....       | 6  | 19 |      |
| ☾ Apogee .....        | 22 | 10 |      |

| November.             |    |    |      |
|-----------------------|----|----|------|
|                       | d. | h. | m.   |
| ● New Moon .....      | 3  | 12 | 2.4  |
| ☽ First Quarter ..... | 10 | 4  | 15.8 |
| ○ Full Moon .....     | 18 | 3  | 15.9 |
| ☾ Last Quarter .....  | 26 | 5  | 20.5 |
| ☾ Perigee .....       | 4  | 3  |      |
| ☾ Apogee .....        | 18 | 15 |      |

| December.             |    |    |      |
|-----------------------|----|----|------|
|                       | d. | h. | m.   |
| ● New Moon .....      | 2  | 22 | 5.6  |
| ☽ First Quarter ..... | 9  | 18 | 45.8 |
| ○ Full Moon .....     | 17 | 22 | 40.9 |
| ☾ Last Quarter .....  | 25 | 17 | 59.9 |
| ☾ Perigee .....       | 2  | 16 |      |
| ☾ Apogee .....        | 15 | 16 |      |
| ☾ Perigee .....       | 31 | 3  |      |

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