

Calendar—Rising and Setting of Sun and Moon, &c.

CALENDAR calculated for Lat. 45° N., and Long. 4h. 46m. W.

| Day of the Week. | SEPTEMBER. | | | | | | | | | | OCTOBER. | | | | | | | | | | NOVEMBER. | | | | | | | | | | DECEMBER. | | | | | | | | | |
|------------------|-----------------------|-------------|-----------------------|------------|-----------------------|----------|-----------------------|-------|-----------------------|---------|-----------------------|-------------|-----------------------|------------|-----------------------|----------|-----------------------|-------|-----------------------|---------|-----------------------|-------------|-----------------------|------------|-----------------------|----------|-----------------------|-------|-----------------------|---------|-----------|--|--|--|--|--|--|--|--|--|
| | D. of M. | Sun. Rises. | h. m. | Sun. Sets. | h. m. | D. of M. | Sun. Rises. | h. m. | Sun. Sets. | h. m. | D. of M. | Sun. Rises. | h. m. | Sun. Sets. | h. m. | D. of M. | Sun. Rises. | h. m. | Sun. Sets. | h. m. | D. of M. | Sun. Rises. | h. m. | Sun. Sets. | h. m. | D. of M. | Sun. Rises. | h. m. | Sun. Sets. | h. m. | | | | | | | | | | |
| | Cor. for Lat. of Mer. | h. m. | Cor. for Lat. of Mer. | h. m. | Cor. for Lat. of Mer. | h. m. | Cor. for Lat. of Mer. | h. m. | Cor. for Lat. of Mer. | h. m. | Cor. for Lat. of Mer. | h. m. | Cor. for Lat. of Mer. | h. m. | Cor. for Lat. of Mer. | h. m. | Cor. for Lat. of Mer. | h. m. | Cor. for Lat. of Mer. | h. m. | Cor. for Lat. of Mer. | h. m. | Cor. for Lat. of Mer. | h. m. | Cor. for Lat. of Mer. | h. m. | Cor. for Lat. of Mer. | h. m. | Cor. for Lat. of Mer. | h. m. | | | | | | | | | | |
| Friday | 1 | 5 23 | 6 38 | 8 12 | 0-12 00 | 1 | 5 58 | 6 57 | 8 12 | 0-11 50 | 1 | 6 38 | 7 49 | 9 00 | 0-11 44 | 1 | 7 18 | 8 03 | 9 10 | 0-11 49 | 1 | 7 19 | 8 05 | 9 10 | 0-11 50 | 1 | 7 21 | 8 03 | 9 10 | 0-11 51 | | | | | | | | | | |
| Saturday | 2 | 5 23 | 6 37 | 8 34 | 0-8 12 00 | 2 | 5 59 | 6 58 | 8 21 | 0-11 49 | 2 | 6 40 | 7 51 | 9 02 | 0-11 44 | 2 | 7 22 | 8 05 | 9 12 | 0-11 50 | 2 | 7 22 | 8 05 | 9 12 | 0-11 51 | 2 | 7 24 | 8 05 | 9 12 | 0-11 52 | | | | | | | | | | |
| SUNDAY | 3 | 5 24 | 6 37 | 8 57 | 1-6 11 59 | 3 | 6 01 | 7 00 | 8 24 | 0-11 49 | 3 | 6 42 | 7 53 | 9 04 | 0-11 44 | 3 | 7 25 | 8 08 | 9 15 | 0-11 51 | 3 | 7 25 | 8 08 | 9 15 | 0-11 52 | 3 | 7 27 | 8 08 | 9 15 | 0-11 53 | | | | | | | | | | |
| Monday | 4 | 5 25 | 6 36 | 9 22 | 2-3 11 58 | 4 | 6 02 | 7 01 | 8 25 | 0-11 48 | 4 | 6 43 | 7 54 | 9 05 | 0-11 44 | 4 | 7 26 | 8 10 | 9 17 | 0-11 51 | 4 | 7 26 | 8 10 | 9 17 | 0-11 52 | 4 | 7 28 | 8 10 | 9 17 | 0-11 53 | | | | | | | | | | |
| Tuesday | 5 | 5 26 | 6 35 | 9 51 | 3-0 11 58 | 5 | 6 03 | 7 02 | 8 26 | 0-11 47 | 5 | 6 44 | 7 55 | 9 06 | 0-11 44 | 5 | 7 27 | 8 11 | 9 18 | 0-11 51 | 5 | 7 27 | 8 11 | 9 18 | 0-11 52 | 5 | 7 29 | 8 11 | 9 18 | 0-11 53 | | | | | | | | | | |
| Wednesday | 6 | 5 27 | 6 34 | 10 24 | 3-5 11 58 | 6 | 6 04 | 7 03 | 8 27 | 0-11 46 | 6 | 6 45 | 7 56 | 9 07 | 0-11 44 | 6 | 7 28 | 8 12 | 9 19 | 0-11 51 | 6 | 7 28 | 8 12 | 9 19 | 0-11 52 | 6 | 7 30 | 8 12 | 9 19 | 0-11 53 | | | | | | | | | | |
| Thursday | 7 | 5 28 | 6 32 | 11 03 | 4-0 11 58 | 7 | 6 05 | 7 04 | 8 28 | 0-11 45 | 7 | 6 46 | 7 57 | 9 08 | 0-11 44 | 7 | 7 29 | 8 13 | 9 20 | 0-11 51 | 7 | 7 29 | 8 13 | 9 20 | 0-11 52 | 7 | 7 31 | 8 13 | 9 20 | 0-11 53 | | | | | | | | | | |
| Friday | 8 | 5 30 | 6 25 | 11 49 | 4-0 11 58 | 8 | 6 06 | 7 05 | 8 30 | 0-11 44 | 8 | 6 47 | 7 58 | 9 09 | 0-11 44 | 8 | 7 30 | 8 14 | 9 21 | 0-11 51 | 8 | 7 30 | 8 14 | 9 21 | 0-11 52 | 8 | 7 32 | 8 14 | 9 21 | 0-11 53 | | | | | | | | | | |
| Saturday | 9 | 5 31 | 6 23 | 12 40 | 5-0 11 57 | 9 | 6 07 | 7 06 | 8 31 | 0-11 43 | 9 | 6 48 | 7 59 | 9 10 | 0-11 44 | 9 | 7 31 | 8 15 | 9 22 | 0-11 51 | 9 | 7 31 | 8 15 | 9 22 | 0-11 52 | 9 | 7 33 | 8 15 | 9 22 | 0-11 53 | | | | | | | | | | |
| SUNDAY | 10 | 5 32 | 6 22 | 1 43 | 6-0 11 57 | 10 | 6 08 | 7 07 | 8 32 | 0-11 42 | 10 | 6 49 | 8 00 | 9 11 | 0-11 44 | 10 | 7 32 | 8 16 | 9 23 | 0-11 51 | 10 | 7 32 | 8 16 | 9 23 | 0-11 52 | 10 | 7 34 | 8 16 | 9 23 | 0-11 53 | | | | | | | | | | |
| Monday | 11 | 5 33 | 6 20 | 2 43 | 7-0 11 57 | 11 | 6 09 | 7 08 | 8 33 | 0-11 41 | 11 | 6 50 | 8 01 | 9 12 | 0-11 44 | 11 | 7 33 | 8 17 | 9 24 | 0-11 51 | 11 | 7 33 | 8 17 | 9 24 | 0-11 52 | 11 | 7 35 | 8 17 | 9 24 | 0-11 53 | | | | | | | | | | |
| Tuesday | 12 | 5 35 | 6 18 | 2 47 | 8-0 11 56 | 12 | 6 10 | 7 09 | 8 34 | 0-11 40 | 12 | 6 51 | 8 02 | 9 13 | 0-11 44 | 12 | 7 34 | 8 18 | 9 25 | 0-11 51 | 12 | 7 34 | 8 18 | 9 25 | 0-11 52 | 12 | 7 36 | 8 18 | 9 25 | 0-11 53 | | | | | | | | | | |
| Wednesday | 13 | 5 36 | 6 16 | 3 55 | 9-0 11 56 | 13 | 6 11 | 7 10 | 8 35 | 0-11 39 | 13 | 6 52 | 8 03 | 9 14 | 0-11 44 | 13 | 7 35 | 8 19 | 9 26 | 0-11 51 | 13 | 7 35 | 8 19 | 9 26 | 0-11 52 | 13 | 7 37 | 8 19 | 9 26 | 0-11 53 | | | | | | | | | | |
| Thursday | 14 | 5 38 | 6 14 | 5 04 | 10-0 11 55 | 14 | 6 12 | 7 11 | 8 36 | 0-11 38 | 14 | 6 53 | 8 04 | 9 15 | 0-11 44 | 14 | 7 36 | 8 20 | 9 27 | 0-11 51 | 14 | 7 36 | 8 20 | 9 27 | 0-11 52 | 14 | 7 38 | 8 20 | 9 27 | 0-11 53 | | | | | | | | | | |
| Friday | 15 | 5 39 | 6 12 | 7 04 | 11-0 11 55 | 15 | 6 13 | 7 12 | 8 37 | 0-11 37 | 15 | 6 54 | 8 05 | 9 16 | 0-11 44 | 15 | 7 37 | 8 21 | 9 28 | 0-11 51 | 15 | 7 37 | 8 21 | 9 28 | 0-11 52 | 15 | 7 39 | 8 21 | 9 28 | 0-11 53 | | | | | | | | | | |
| Saturday | 16 | 5 39 | 6 10 | 7 29 | 12-0 11 55 | 16 | 6 14 | 7 13 | 8 38 | 0-11 36 | 16 | 6 55 | 8 06 | 9 17 | 0-11 44 | 16 | 7 38 | 8 22 | 9 29 | 0-11 51 | 16 | 7 38 | 8 22 | 9 29 | 0-11 52 | 16 | 7 40 | 8 22 | 9 29 | 0-11 53 | | | | | | | | | | |
| SUNDAY | 17 | 5 41 | 6 08 | 7 54 | 1-0 11 54 | 17 | 6 15 | 7 14 | 8 39 | 0-11 35 | 17 | 6 56 | 8 07 | 9 18 | 0-11 44 | 17 | 7 39 | 8 23 | 9 30 | 0-11 51 | 17 | 7 39 | 8 23 | 9 30 | 0-11 52 | 17 | 7 41 | 8 23 | 9 30 | 0-11 53 | | | | | | | | | | |
| Monday | 18 | 5 42 | 6 06 | 8 24 | 2-0 11 54 | 18 | 6 16 | 7 15 | 8 40 | 0-11 34 | 18 | 6 57 | 8 08 | 9 19 | 0-11 44 | 18 | 7 40 | 8 24 | 9 31 | 0-11 51 | 18 | 7 40 | 8 24 | 9 31 | 0-11 52 | 18 | 7 42 | 8 24 | 9 31 | 0-11 53 | | | | | | | | | | |
| Tuesday | 19 | 5 43 | 6 05 | 8 58 | 3-0 11 54 | 19 | 6 16 | 7 15 | 8 41 | 0-11 33 | 19 | 6 58 | 8 09 | 9 20 | 0-11 44 | 19 | 7 41 | 8 25 | 9 32 | 0-11 51 | 19 | 7 41 | 8 25 | 9 32 | 0-11 52 | 19 | 7 43 | 8 25 | 9 32 | 0-11 53 | | | | | | | | | | |
| Wednesday | 20 | 5 44 | 6 03 | 9 39 | 4-0 11 53 | 20 | 6 17 | 7 16 | 8 42 | 0-11 32 | 20 | 6 59 | 8 10 | 9 21 | 0-11 44 | 20 | 7 42 | 8 26 | 9 33 | 0-11 51 | 20 | 7 42 | 8 26 | 9 33 | 0-11 52 | 20 | 7 44 | 8 26 | 9 33 | 0-11 53 | | | | | | | | | | |
| Thursday | 21 | 5 45 | 6 01 | 10 30 | 5-0 11 53 | 21 | 6 18 | 7 17 | 8 43 | 0-11 31 | 21 | 7 00 | 8 11 | 9 22 | 0-11 44 | 21 | 7 43 | 8 27 | 9 34 | 0-11 51 | 21 | 7 43 | 8 27 | 9 34 | 0-11 52 | 21 | 7 45 | 8 27 | 9 34 | 0-11 53 | | | | | | | | | | |
| Friday | 22 | 5 47 | 5 59 | 11 30 | 6-0 11 53 | 22 | 6 19 | 7 18 | 8 44 | 0-11 30 | 22 | 7 01 | 8 12 | 9 23 | 0-11 44 | 22 | 7 44 | 8 28 | 9 35 | 0-11 51 | 22 | 7 44 | 8 28 | 9 35 | 0-11 52 | 22 | 7 46 | 8 28 | 9 35 | 0-11 53 | | | | | | | | | | |
| Saturday | 23 | 5 48 | 5 57 | 12 40 | 7-0 11 53 | 23 | 6 20 | 7 19 | 8 45 | 0-11 29 | 23 | 7 02 | 8 13 | 9 24 | 0-11 44 | 23 | 7 45 | 8 29 | 9 36 | 0-11 51 | 23 | 7 45 | 8 29 | 9 36 | 0-11 52 | 23 | 7 47 | 8 29 | 9 36 | 0-11 53 | | | | | | | | | | |
| SUNDAY | 24 | 5 49 | 5 55 | 0 58 | 8-0 11 52 | 24 | 6 21 | 7 20 | 8 46 | 0-11 28 | 24 | 7 03 | 8 14 | 9 25 | 0-11 44 | 24 | 7 46 | 8 30 | 9 37 | 0-11 51 | 24 | 7 46 | 8 30 | 9 37 | 0-11 52 | 24 | 7 48 | 8 30 | 9 37 | 0-11 53 | | | | | | | | | | |
| Monday | 25 | 5 50 | 5 53 | 1 51 | 9-0 11 52 | 25 | 6 22 | 7 21 | 8 47 | 0-11 27 | 25 | 7 04 | 8 15 | 9 26 | 0-11 44 | 25 | 7 47 | 8 31 | 9 38 | 0-11 51 | 25 | 7 47 | 8 31 | 9 38 | 0-11 52 | 25 | 7 50 | 8 31 | 9 38 | 0-11 53 | | | | | | | | | | |
| Tuesday | 26 | 5 52 | 5 51 | 3 04 | 10-0 11 51 | 26 | 6 23 | 7 22 | 8 48 | 0-11 26 | 26 | 7 05 | 8 16 | 9 27 | 0-11 44 | 26 | 7 48 | 8 32 | 9 39 | 0-11 51 | 26 | 7 48 | 8 32 | 9 39 | 0-11 52 | 26 | 7 52 | 8 32 | 9 39 | 0-11 53 | | | | | | | | | | |
| Wednesday | 27 | 5 53 | 5 49 | 4 17 | 11-0 11 51 | 27 | 6 24 | 7 23 | 8 49 | 0-11 25 | 27 | 7 06 | 8 17 | 9 28 | 0-11 44 | 27 | 7 49 | 8 33 | 9 40 | 0-11 51 | 27 | 7 49 | 8 33 | 9 40 | 0-11 52 | 27 | 7 54 | 8 33 | 9 40 | 0-11 53 | | | | | | | | | | |
| Thursday | 28 | 5 54 | 5 47 | 5 13 | 12-0 11 50 | 28 | 6 25 | 7 24 | 8 50 | 0-11 24 | 28 | 7 07 | 8 18 | 9 29 | 0-11 44 | 28 | 7 50 | 8 34 | 9 41 | 0-11 51 | 28 | 7 50 | 8 34 | 9 41 | 0-11 52 | 28 | 7 56 | 8 34 | 9 41 | 0-11 53 | | | | | | | | | | |
| Friday | 29 | 5 55 | 5 45 | 6 35 | 1-0 11 50 | 29 | 6 26 | 7 25 | 8 51 | 0-11 23 | 29 | 7 08 | 8 19 | 9 30 | 0-11 44 | 29 | 7 51 | 8 35 | 9 42 | 0-11 51 | 29 | 7 51 | 8 35 | 9 42 | 0-11 52 | 29 | 7 58 | 8 35 | 9 42 | 0-11 53 | | | | | | | | | | |
| Saturday | 30 | 5 56 | 5 44 | 6 58 | 2-0 11 50 | 30 | 6 27 | 7 26 | 8 52 | 0-11 22 | 30 | 7 09 | 8 20 | 9 31 | 0-11 44 | 30 | 7 52 | 8 36 | 9 43 | 0-11 51 | 30 | 7 52 | 8 36 | 9 43 | 0-11 52 | 30 | 7 60 | 8 36 | 9 43 | 0-11 53 | | | | | | | | | | |
| SUNDAY | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Monday | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Tuesday | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wednesday | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Thursday | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

MOON'S PHASES.

SEPTEMBER.
D. H.
Last Quarter, 6 5 P.
New Moon, 14 2 P.
First Quarter, 21 Noon
Full Moon, 28 1 P.
Apogee, 7 8 A.
Perigee, 28 2 P.

OCTOBER.
D. H.
Last Quarter, 6 1 P.
New Moon, 14 2 P.
First Quarter, 20 7 P.
Full Moon, 28 3 A.
Apogee, 5 4 A.
Perigee, 16 11 P.

NOVEMBER.
D. H.
Last Quarter, 5 8 A.
New Moon, 13 0 P.
First Quarter, 19 4 A.
Full Moon, 26 9 P.
Apogee, 11 P.
Perigee, 13 11 P.

DECEMBER.
D. H.
Last Quarter, 5 2 A.
New Moon, 11 11 P.
First Quarter, 18 4 P.
Full Moon, 26 5 P.
Apogee, 26 10 A.
Perigee, 26 5 P.