

| Nis April | | Siv June | | Ab Aug | | Tis Oct | | Kis Dec | | 1833 She Feb | | |
|-----------|----------|----------|----------|--------|----------|---------|----------|---------|---------|--------------|----------|------------|
| 13 | 15-6-21 | 13 | 13-10-5 | 13 | 11-16-48 | 13 | 9-21-57 | 13 | 7-22-48 | 13 | 4-20-53 | FULL MOONS |
| 14 | 16 | 14 | 14 | 14 | 12 | 14 | 10 | 14 | 8 | 14 | 5 | |
| 15 | 17 | 15 | 15 | 15 | 13 | 15 | 11 | 15 | 9 | 15 | 6 | |
| 16 | 18 | 16 | 16 | 16 | 14 | 16 | 12 | 16 | 10 | 16 | 7 | |
| 17 | 19 | 17 | 17 | 17 | 15 | 17 | 13 | 17 | 11 | 17 | 8 | |
| 18 | 20 | 18 | 18 | 18 | 16 | 18 | 14 | 18 | 12 | 18 | 9 | |
| 19 | 21 | 19 | 19 | 19 | 17 | 19 | 15 | 19 | 13 | 19 | 10 | |
| 20 | 22 | 20 | 20 | 20 | 18 | 20 | 16 | 20 | 14 | 20 | 11 | |
| 21 | 23 | 21 | 21 | 21 | 19 | 21 | 17 | 21 | 15 | 21 | 12 | |
| 22 | 24 | 22 | 22 | 22 | 20 | 22 | 18 | 22 | 16 | 22 | 13 | |
| 23 | 25 | 23 | 23 | 23 | 21 | 23 | 19 | 23 | 17 | 23 | 14 | |
| 24 | 26 | 24 | 24 | 24 | 22 | 24 | 20 | 24 | 18 | 24 | 15 | |
| 25 | 27 | 25 | 25 | 25 | 23 | 25 | 21 | 25 | 19 | 25 | 16 | |
| 26 | 28 | 26 | 26 | 26 | 24 | 26 | 22 | 26 | 20 | 26 | 17 | |
| 27 | 29 | 27 | 27 | 27 | 25 | 27 | 23-21-9 | 27 | 21 | 27 | 18 | NEW |
| 28 | 30-18-1 | 28 | 28-9-19 | 28 | 26-0-5 | 28 | 24 | 28 | 22-4-57 | 28 | 19-19-41 | MOONS |
| 29 | 1 | 29 | 29 | 29 | 27 | 29 | 25 | 29 | 23 | 29 | 20 | |
| 30 | 2 6:39 | 30 | 30 7:07 | 30 | 28 6:29 | 30 | 26 5:18 | 30 | 24 5:03 | 30 | 21 5:52 | |
| I 1 | 3 M | T 1 | 1 J | E 1 | 29 | H 1 | 27 | T 1 | 25 | A 1 | 22 | |
| Y 2 | 4 A | A 2 | 2 U | L 2 | 30 | E 2 | 28 | E 2 | 26 | D 2 | 23 | |
| A 3 | 5 Y | M 3 | 3 L | U 3 | 31 | S 3 | 29 | B 3 | 27 | A 3 | 24 | |
| R 4 | 6 | M 4 | 4 Y | L 4 | 1 S | V 4 | 30 | E 4 | 28 | R 4 | 25 | |
| 5 | 7 | U 5 | 5 | 5 | 2 E | A 5 | 31 | T 5 | 29 | 5 | 26 | |
| 6 | 8 | Z 6 | 6 | 6 | 3 P | N 6 | 1 N | 6 | 30 | 6 | 27 | |
| 7 | 9 | 7 | 7 | 7 | 4 T | 7 | 2 O | 7 | 31 | 7 | 28 | |
| 8 | 10 | 8 | 8 | 8 | 5 E | 8 | 3 V | 8 | 1 J | 8 | 1 M | |
| 9 | 11 | 9 | 9 | 9 | 6 M | 9 | 4 E | 9 | 2 A | 9 | 2 A | |
| 10 | 12 | 10 | 10 | 10 | 7 B | 10 | 5 M | 10 | 3 N | 10 | 3 R | |
| 11 | 13 | 11 | 11 | 11 | 8 E | 11 | 6 B | 11 | 4 U | 11 | 4 C | |
| 12 | 14-19-45 | 12 | 12 | 12 | 9 R | 12 | 7 E | 12 | 5 A | 12 | 5 H | |
| 13 | 15 | 13 | 13-1-16 | 13 | 10-7-54 | 13 | 8-10-51 | 13 | 6-10-6 | 13 | 6-7-7 | FULL MOONS |
| 14 | 16 | 14 | 14 | 14 | 11 | 14 | 9 | 14 | 7 | 14 | 7 | |
| 15 | 17 | 15 | 15 | 15 | 12 | 15 | 10 | 15 | 8 | 15 | 8 | |
| 16 | 18 | 16 | 16 | 16 | 13 | 16 | 11 | 16 | 9 | 16 | 9 | |
| 17 | 19 | 17 | 17 | 17 | 14 | 17 | 12 | 17 | 10 | 17 | 10 | |
| 18 | 20 | 18 | 18 | 18 | 15 | 18 | 13 | 18 | 11 | 18 | 11 | |
| 19 | 21 | 19 | 19 | 19 | 16 | 19 | 14 | 19 | 12 | 19 | 12 | |
| 20 | 22 | 20 | 20 | 20 | 17 | 20 | 15 | 20 | 13 | 20 | 13 | |
| 21 | 23 | 21 | 21 | 21 | 18 | 21 | 16 | 21 | 14 | 21 | 14 | |
| 22 | 24 | 22 | 22 | 22 | 19 | 22 | 17 | 22 | 15 | 22 | 15 | |
| 23 | 25 | 23 | 23 | 23 | 20 | 23 | 18 | 23 | 16 | 23 | 16 | |
| 24 | 26 | 24 | 24 | 24 | 21 | 24 | 19 | 24 | 17 | 24 | 17 | |
| 25 | 27 | 25 | 25 | 25 | 22 | 25 | 20 | 25 | 18 | 25 | 18 | |
| 26 | 28 | 26 | 26 | 26 | 23 | 26 | 21 | 26 | 19 | 26 | 19 | |
| 27 | 29 | 27 | 27-16-16 | 27 | 24-9-29 | 27 | 22-11-38 | 27 | 20 | 27 | 20 | NEW |
| 28 | 30-2-17 | 28 | 28 | 28 | 25 | 28 | 23 | 28 | 21-0-14 | 28 | 21-13-21 | MOONS |
| 29 | 31 6:57 | 29 | 29 6:58 | 29 | 26 5:53 | 29 | 24 4:59 | 29 | 22 5:26 | 29 | 22 | |
| S 1 | 1 J | A 1 | 30 | T 1 | 27 | K 1 | 25 | S 1 | 23 | 30 | 23 6:13 | |
| I 2 | 2 U | B 2 | 31 | I 2 | 28 | I 2 | 26 | H 2 | 24 | V 1 | 24 | |
| V 3 | 3 N | 3 | 1 A | S 3 | 29 | S 3 | 27 | E 3 | 25 | E 2 | 25 | |
| A 4 | 4 E | 4 | 2 U | R 4 | 30 | L 4 | 28 | B 4 | 26 | A 3 | 26 | |
| N 5 | 5 | 5 | 3 G | I 5 | 1 O | E 5 | 29 | A 5 | 27 | D 4 | 27 | |
| 6 | 6 | 6 | 4 U | 6 | 2 C | U 6 | 30 | T 6 | 28 | A 5 | 28 | |
| 7 | 7 | 7 | 5 S | 7 | 3 T | 7 | 1 D | 7 | 29 | R 6 | 29 | |
| 8 | 8 | 8 | 6 T | 8 | 4 O | 8 | 2 E | 8 | 30 | 7 | 30 | |
| 9 | 9 | 9 | 7 | 9 | 5 B | 9 | 3 C | 9 | 31 | 8 | 31 | |
| 10 | 10 | 10 | 8 | 10 | 6 E | 10 | 4 E | 10 | 1 F | 9 | 1 A | |
| 11 | 11 | 11 | 9 | 11 | 7 R | 11 | 5 M | 11 | 2 E | 10 | 2 P | |
| 12 | 12 | 12 | 10 | 12 | 8 | 12 | 6 | 12 | 3 B | 11 | 3 R | |

| 1833 | | 1834 | | | | |
|-------------|------------|-------------|-------------|-------------|-------------|-------|
| Ve April | Iyar June | Tam July | Elul Sept | Hes Nov | 1834 | Full |
| 12 4-17-1 | 12 2-14-3 | 12 31-17-23 | 12 28 | 12 26 | 12 24 | MOONS |
| 13 5 | 13 3 | 13 1 A | 13 29-1-47 | 13 27-9-41 | 13 25-12-33 | |
| 14 6 | 14 4 | 14 2 U | 14 30 | 14 28 | 14 26 | |
| 15 7 | 15 5 | 15 3 G | 15 1 O | 15 29 | 15 27 | |
| 16 8 | 16 6 | 16 4 U | 16 2 C | 16 30 | 16 28 | |
| 17 9 | 17 7 | 17 5 S | 17 3 T | 17 1 D | 17 29 | |
| 18 10 | 18 8 | 18 6 T | 18 4 O | 18 2 E | 18 30 | |
| 19 11 | 19 9 | 19 7 | 19 5 B | 19 3 C | 19 31 | |
| 20 12 | 20 10 | 20 8 | 20 6 E | 20 4 E | 20 1 F | |
| 21 13 | 21 11 | 21 9 | 21 7 R | 21 5 M | 21 2 E | |
| 22 14 | 22 12 | 22 10 | 22 8 | 22 6 B | 22 3 B | |
| 23 15 | 23 13 | 23 11 | 23 9 | 23 7 E | 23 4 R | |
| 24 16 | 24 14 | 24 12 | 24 10 | 24 8 R | 24 5 U | |
| 25 17 | 25 15 | 25 13 | 25 11 | 25 9 | 25 6 A | |
| 26 18 | 26 16 | 26 14 | 26 12 | 26 10 | 26 7 R | |
| 27 19 | 27 17 | 27 15-16-56 | 27 13-9-28 | 27 11-9-32 | 27 8-19-22 | NEW |
| 28 20-4-9 | 28 18-1-31 | 28 16 | 28 14 | 28 12 | 28 9 | MOONS |
| 29 21 6:22 | 29 19 7:06 | 29 17 6:41 | 29 15 | 29 13 4:59 | 29 10 5:43 | |
| N 1 22 | S 1 20 | A 1 18 | T 1 16 | K 1 14 | S 1 11 | |
| I 2 23 | I 2 21 | B 2 19 | I 2 17 | I 2 15 | H 2 12 | |
| S 3 24 | V 3 22 | 3 20 | S 3 18 | S 3 16 | E 3 13 | |
| A 4 25 | A 4 23 | 4 21 | R 4 19 | L 4 17 | B 4 14 | |
| N 5 26 | N 5 24 | 5 22 | I 5 20 | E 5 18 | A 5 15 | |
| 6 27 | 6 25 | 6 23 | 6 21 | U 6 19 | T 6 16 | |
| 7 28 | 7 26 | 7 24 | 7 22 | 7 20 | 7 17 | |
| 8 29 | 8 27 | 8 25 | 8 23 | 8 21 | 8 18 | |
| 9 30 | 9 28 | 9 26 | 9 24 | 9 22 | 9 19 | |
| 10 1 M | 10 29 | 10 27 | 10 25 | 10 23 | 10 20 | |
| 11 2 A | 11 30 | 11 28 | 11 26 | 11 24 | 11 21 | |
| 12 3 Y | 12 1 J | 12 29 | 12 27 | 12 25 | 12 22 | |
| Em 13 4-3-7 | 13 2-2-54 | 13 30-9-16 | 13 28-18-9 | 13 26-23-51 | 13 23-23-20 | FULL |
| 14 5 | 14 3 J | 14 31 | 14 29 | 14 27 | 14 24 | MOONS |
| 15 6 | 15 4 U | 15 1 S | 15 30 | 15 28 | 15 25 | |
| 16 7 | 16 5 L | 16 2 E | 16 31 | 16 29 | 16 26 | |
| 17 8 | 17 6 Y | 17 3 P | 17 1 N | 17 30 | 17 27 | |
| 18 9 | 18 7 | 18 4 T | 18 2 O | 18 31 | 18 28 | |
| 19 10 | 19 8 | 19 5 E | 19 3 V | 19 1 J | 19 1 M | |
| 20 11 | 20 9 | 20 6 M | 20 4 E | 20 2 A | 20 2 A | |
| 21 12 | 21 10 | 21 7 B | 21 5 M | 21 3 N | 21 3 R | |
| 22 13 | 22 11 | 22 8 E | 22 6 B | 22 4 U | 22 4 C | |
| 23 14 | 23 12 | 23 9 R | 23 7 E | 23 5 A | 23 5 H | |
| 24 15 | 24 13 | 24 10 | 24 8 R | 24 6 R | 24 6 | |
| 25 16 | 25 14 | 25 11 | 25 9 | 25 7 Y | 25 7 | |
| 26 17 | 26 15 | 26 12 | 26 10 | 26 8 | 26 8 | |
| 27 18 | 27 16 | 27 13 | 27 11-20-15 | 27 9 | 27 9 | |
| 28 19-16-0 | 28 17-9-31 | 28 14-0-38 | 28 12 | 28 10-1-31 | 28 10-13-37 | NEW |
| 29 20 | 29 18 | 29 15 | 29 13 | 29 11 | 29 11 | MOONS |
| 30 21 6:51 | 30 19 7:03 | 30 16 6:05 | 30 14 5:03 | 30 12 5:17 | 30 12 6:06 | |
| I 1 22 | T 1 20 | E 1 17 | H 1 15 | T 1 13 | A 1 13 | |
| Y 2 23 | A 2 21 | L 2 18 | E 2 16 | E 2 14 | D 2 14 | |
| A 3 24 | M 3 22 | U 3 19 | S 3 17 | B 3 15 | A 3 15 | |
| R 4 25 | M 4 23 | L 4 20 | V 4 18 | E 4 16 | R 4 16 | |
| 5 26 | U 5 24 | 5 21 | A 5 19 | T 5 17 | 5 17 | |
| 6 27 | Z 6 25 | 6 22 | N 6 20 | 6 18 | 6 18 | |
| 7 28 | 7 26 | 7 23 | 7 21 | 7 19 | 7 19 | |
| 8 29 | 8 27 | 8 24 | 8 22 | 8 20 | 8 20 | |
| 9 30 | 9 28 | 9 25 | 9 23 | 9 21 | 9 21 | |
| 10 31 | 10 29 | 10 26 | 10 24 | 10 22 | 10 22 | |
| 11 1 J | 11 30 | 11 27 | 11 25 | 11 23 | 11 23 | |

| Adar | Mar | Iyar | May | Tam | July | Elul | Sept | Hes | Nov | Teb | Jan' | |
|------|----------|------|----------|-----|----------|------|----------|-----|---------|-----|----------|------------|
| 12 | 24 | 12 | 22 | 12 | 20-21-37 | 12 | 17 | 12 | 15 | 11 | 13 | |
| 13 | 25-8-34 | 13 | 23-1-22 | 13 | 21 | 13 | 18-1-39 | 13 | 16-13-8 | 12 | 14-23-37 | FULL MOONS |
| 14 | 26 | 14 | 24 | 14 | 22 | 14 | 19 | 14 | 17 | 13 | 15 | |
| 15 | 27 | 15 | 25 | 15 | 23 | 15 | 20 | 15 | 18 | 14 | 16 | |
| 16 | 28 | 16 | 26 | 16 | 24 | 16 | 21 | 16 | 19 | 15 | 17 | |
| 17 | 29 | 17 | 27 | 17 | 25 | 17 | 22 | 17 | 20 | 16 | 18 | |
| 18 | 30 | 18 | 28 | 18 | 26 | 18 | 23 | 18 | 21 | 17 | 19 | |
| 19 | 31 | 19 | 29 | 19 | 27 | 19 | 24 | 19 | 22 | 18 | 20 | |
| 20 | 1 A | 20 | 30 | 20 | 28 | 20 | 25 | 20 | 23 | 19 | 21 | |
| 21 | 2 P | 21 | 31 | 21 | 29 | 21 | 26 | 21 | 24 | 20 | 22 | |
| 22 | 3 R | 22 | 1 J | 22 | 30 | 22 | 27 | 22 | 25 | 21 | 23 | |
| 23 | 4 I | 23 | 2 U | 23 | 31 | 23 | 28 | 23 | 26 | 22 | 24 | |
| 24 | 5 L | 24 | 3 N | 24 | 1 A | 24 | 29 | 24 | 27 | 23 | 25 | |
| 25 | 6 | 25 | 4 E | 25 | 2 U | 25 | 30 | 25 | 28 | 24 | 26 | |
| 26 | 7 | 26 | 5 | 26 | 3 G | 26 | 1 O | 26 | 29 | 25 | 27 | |
| 27 | 8 | 27 | 6 | 27 | 4 U | 27 | 2 O | 27 | 30-21-8 | 26 | 28-23-32 | NEW MOONS |
| 28 | 9-7-3 | 28 | 7-12-17 | 28 | 5-8-56 | 28 | 3-17-12 | 28 | 1 | 27 | 29 | |
| 29 | 10 6:25 | 29 | 8 7:02 | 29 | 6 6:52 | 29 | 4 5:43 | 29 | 2 | 28 | 30 | |
| N 1 | 11 | S 1 | 9 | A 1 | 7 | T 1 | 5 O | 30 | 3 4:58 | 29 | 31 5:34 | |
| I 2 | 12 | I 2 | 10 | B 2 | 8 | I 2 | 6 C | K 1 | 4 D | S 1 | 1 F | |
| S 3 | 13 | V 3 | 11 | 3 | 9 | S 3 | 7 T | I 2 | 5 E | H 2 | 2 E | |
| A 4 | 14 | A 4 | 12 | 4 | 10 | R 4 | 8 O | S 3 | 6 C | E 3 | 3 B | |
| N 5 | 15 | N 5 | 13 | 5 | 11 | I 5 | 9 B | L 4 | 7 E | B 4 | 4 R | |
| 6 | 16 | 6 | 14 | 6 | 12 | 6 | 10 E | E 5 | 8 M | A 5 | 5 U | |
| 7 | 17 | 7 | 15 | 7 | 13 | 7 | 11 R | U 6 | 9 B | T 6 | 6 A | |
| 8 | 18 | 8 | 16 | 8 | 14 | 8 | 12 | 7 | 10 E | 7 | 7 R | |
| 9 | 19 | 9 | 17 | 9 | 15 | 9 | 13 | 8 | 11 R | 8 | 8 Y | |
| 10 | 20 | 10 | 18 | 10 | 16 | 10 | 14 | 9 | 12 | 9 | 9 | |
| 11 | 21 | 11 | 19 | 11 | 17 | 11 | 15 | 10 | 13 | 10 | 10 | |
| 12 | 22 | 12 | 20 | 12 | 18 | 12 | 16 | 11 | 14 | 11 | 11 | |
| 13 | 23-16-56 | 13 | 21-10-43 | 13 | 19-10-32 | 13 | 17-18-47 | 12 | 15 | 12 | 12 | FULL MOONS |
| 14 | 24 | 14 | 22 | 14 | 20 | 14 | 18 | 13 | 16-7-16 | 13 | 13-13-20 | |
| 15 | 25 | 15 | 23 | 15 | 21 | 15 | 19 | 14 | 17 | 14 | 14 | |
| 16 | 26 | 16 | 24 | 16 | 22 | 16 | 20 | 15 | 18 | 15 | 15 | |
| 17 | 27 | 17 | 25 | 17 | 23 | 17 | 21 | 16 | 19 | 16 | 16 | |
| 18 | 28 | 18 | 26 | 18 | 24 | 18 | 22 | 17 | 20 | 17 | 17 | |
| 19 | 29 | 19 | 27 | 19 | 25 | 19 | 23 | 18 | 21 | 18 | 18 | |
| 20 | 30 | 20 | 28 | 20 | 26 | 20 | 24 | 19 | 22 | 19 | 19 | |
| 21 | 1 M | 21 | 29 | 21 | 27 | 21 | 25 | 20 | 23 | 20 | 20 | |
| 22 | 2 A | 22 | 30 | 22 | 28 | 22 | 26 | 21 | 24 | 21 | 21 | |
| 23 | 3 Y | 23 | 1 J | 23 | 29 | 23 | 27 | 22 | 25 | 22 | 22 | |
| 24 | 4 | 24 | 2 U | 24 | 30 | 24 | 28 | 23 | 26 | 23 | 23 | |
| 25 | 5 | 25 | 3 L | 25 | 31 | 25 | 29 | 24 | 27 | 24 | 24 | |
| 26 | 6 | 26 | 4 Y | 26 | 1 S | 26 | 30 | 25 | 28 | 25 | 25 | |
| 27 | 7 | 27 | 5 | 27 | 2 E | 27 | 31 | 26 | 29 | 26 | 26 | |
| 28 | 8-22-46 | 28 | 6-23-34 | 28 | 3-17-12 | 28 | 1-10-28 | 27 | 30-9-33 | 27 | 27-14-49 | NEW MOONS |
| 29 | 9 | 29 | 7 7:07 | 29 | 4 | 29 | 2 | 28 | 31 | 28 | 28 | |
| 30 | 10 6:44 | 30 | 8 | 30 | 5 6:20 | 30 | 3 5:13 | 29 | 1 | 29 | 29 | |
| I 1 | 11 | T 1 | 9 | E 1 | 6 S | H 1 | 4 | 30 | 2 5:10 | 30 | 32 5:58 | |
| Y 2 | 12 | A 2 | 10 | L 2 | 7 E | E 2 | 5 | T 1 | 3 J | A 1 | 3 M | |
| A 3 | 13 | M 3 | 11 | U 3 | 8 P | S 3 | 6 | E 2 | 4 A | D 2 | 4 A | |
| R 4 | 14 | M 4 | 12 | L 4 | 9 T | V 4 | 7 | B 3 | 5 N | A 3 | 5 R | |
| 5 | 15 | U 5 | 13 | 5 | 10 E | A 5 | 8 | E 4 | 6 U | R 4 | 6 C | |
| 6 | 16 | Z 6 | 14 | 6 | 11 M | N 6 | 9 | T 5 | 7 A | 5 | 7 H | |
| 7 | 17 | 7 | 15 | 7 | 12 B | 7 | 10 | 6 | 8 R | 6 | 8 | |
| 8 | 18 | 8 | 16 | 8 | 13 E | 8 | 11 | 7 | 9 Y | 7 | 9 | |
| 9 | 19 | 9 | 17 | 9 | 14 R | 9 | 12 | 8 | 10 | 8 | 10 | |
| 10 | 20 | 10 | 18 | 10 | 15 | 10 | 13 | 9 | 11 | 9 | 11 | |
| 11 | 21 | 11 | 19 | 11 | 16 | 11 | 14 | 10 | 12 | 10 | 12 | |

| Adar Mar | | Iyar May | | Tam July | | Elul Sept | | Hes Nov | | Teb Jan | |
|----------|----------|----------|----------|----------|----------|-----------|----------|---------|----------|---------|----------|
| 11 | 13 | 11 | 11 | 11 | 9 | 11 | 6 | 11 | 4 | 11 | 2 |
| 12 | 14 | 12 | 12-17-34 | 12 | 10-8-57 | 12 | 7-5-11 | 12 | 5-12-36 | 12 | 3 |
| 13 | 15-0-28 | 13 | 13 | 13 | 11 | 13 | 8 | 13 | 6 | 13 | 4-3-25 |
| 14 | 16 | 14 | 14 | 14 | 12 | 14 | 9 | 14 | 7 | 14 | 5 |
| 15 | 17 | 15 | 15 | 15 | 13 | 15 | 10 | 15 | 8 | 15 | 6 |
| 16 | 18 | 16 | 16 | 16 | 14 | 16 | 11 | 16 | 9 | 16 | 7 |
| 17 | 19 | 17 | 17 | 17 | 15 | 17 | 12 | 17 | 10 | 17 | 8 |
| 18 | 20 | 18 | 18 | 18 | 16 | 18 | 13 | 18 | 11 | 18 | 9 |
| 19 | 21 | 19 | 19 | 19 | 17 | 19 | 14 | 19 | 12 | 19 | 10 |
| 20 | 22 | 20 | 20 | 20 | 18 | 20 | 15 | 20 | 13 | 20 | 11 |
| 21 | 23 | 21 | 21 | 21 | 19 | 21 | 16 | 21 | 14 | 21 | 12 |
| 22 | 24 | 22 | 22 | 22 | 20 | 22 | 17 | 22 | 15 | 22 | 13 |
| 23 | 25 | 23 | 23 | 23 | 21 | 23 | 18 | 23 | 16 | 23 | 14 |
| 24 | 26 | 24 | 24 | 24 | 22 | 24 | 19 | 24 | 17 | 24 | 15 |
| 25 | 27 | 25 | 25 | 25 | 23 | 25 | 20 | 25 | 18 | 25 | 16 |
| 26 | 28 | 26 | 26 | 26 | 24 | 26 | 21 | 26 | 19 | 26 | 17 |
| 27 | 29-7-3 | 27 | 27-15-53 | 27 | 25-19-35 | 27 | 22-16-47 | 27 | 20-12-50 | 27 | 18-10-48 |
| 28 | 30 | 28 | 28 | 28 | 26 | 28 | 23 | 28 | 21 | 28 | 19 |
| 29 | 31 6:18 | 29 | 29 6:56 | 29 | 27 6:59 | 29 | 24 5:56 | 29 | 22 5:00 | 29 | 20 5:24 |
| N 1 | 1 A | S 1 | 30 | A 1 | 28 | T 1 | 25 | K 1 | 23 | S 1 | 21 |
| I 2 | 2 P | I 2 | 31 | B 2 | 29 | I 2 | 26 | I 2 | 24 | H 2 | 22 |
| S 3 | 3 R | V 3 | 1 J | 3 | 30 | S 3 | 27 | S 3 | 25 | E 3 | 23 |
| A 4 | 4 I | A 4 | 2 U | 4 | 31 | R 4 | 28 | L 4 | 26 | B 4 | 24 |
| N 5 | 5 L | N 5 | 3 N | 5 | 1 A | I 5 | 29 | E 5 | 27 | A 5 | 25 |
| 6 | 6 | 6 | 4 E | 6 | 2 U | 6 | 30 | U 6 | 28 | T 6 | 26 |
| 7 | 7 | 7 | 5 | 7 | 3 G | 7 | 1 O | 7 | 29 | 7 | 27 |
| 8 | 8 | 8 | 6 | 8 | 4 U | 8 | 2 C | 8 | 30 | 8 | 28 |
| 9 | 9 | 9 | 7 | 9 | 5 S | 9 | 3 T | 9 | 1 D | 9 | 29 |
| 10 | 10 | 10 | 8 | 10 | 6 T | 10 | 4 O | 10 | 2 E | 10 | 30 |
| 11 | 11 | 11 | 9 | 11 | 7 | 11 | 5 B | 11 | 3 C | 11 | 31 |
| 12 | 12 | 12 | 10 | 12 | 8-18-0 | 12 | 6-19-21 | 12 | 4 E | 12 | 1 F |
| 13 | 13-9-37 | 13 | 11-1-6 | 13 | 9 | 13 | 7 | 13 | 5-7-56 | 13 | 2-21-10 |
| 14 | 14 | 14 | 12 | 14 | 10 | 14 | 8 | 14 | 6 | 14 | 3 F |
| 15 | 15 | 15 | 13 | 15 | 11 | 15 | 9 | 15 | 7 | 15 | 4 E |
| 16 | 16 | 16 | 14 | 16 | 12 | 16 | 10 | 16 | 8 | 16 | 5 B |
| 17 | 17 | 17 | 15 | 17 | 13 | 17 | 11 | 17 | 9 | 17 | 6 R |
| 18 | 18 | 18 | 16 | 18 | 14 | 18 | 12 | 18 | 10 | 18 | 7 U |
| 19 | 19 | 19 | 17 | 19 | 15 | 19 | 13 | 19 | 11 | 19 | 8 A |
| 20 | 20 | 20 | 18 | 20 | 16 | 20 | 14 | 20 | 12 | 20 | 9 R |
| 21 | 21 | 21 | 19 | 21 | 17 | 21 | 15 | 21 | 13 | 21 | 10 Y |
| 22 | 22 | 22 | 20 | 22 | 18 | 22 | 16 | 22 | 14 | 22 | 11 |
| 23 | 23 | 23 | 21 | 23 | 19 | 23 | 17 | 23 | 15 | 23 | 12 |
| 24 | 24 | 24 | 22 | 24 | 20 | 24 | 18 | 24 | 16 | 24 | 13 |
| 25 | 25 | 25 | 23 | 25 | 21 | 25 | 19 | 25 | 17 | 25 | 14 |
| 26 | 26 | 26 | 24 | 26 | 22 | 26 | 20 | 26 | 18 | 26 | 15 |
| 27 | 27-23-41 | 27 | 25 | 27 | 23 | 27 | 21 | 27 | 19-23-35 | 27 | 16-22-28 |
| 28 | 28 | 28 | 26-6-41 | 28 | 24-6-42 | 28 | 22-2-38 | 28 | 20 | 28 | 17 |
| 29 | 29 | 29 | 27 | 29 | 25 | 29 | 23 | 29 | 21 | 29 | 18 5:49 |
| 30 | 30 6:38 | 30 | 28 7:07 | 30 | 26 6:32 | 30 | 24 5:20 | 30 | 22 5:02 | 30 | 19 |
| I 1 | 1 M | T 1 | 29 | E 1 | 27 | H 1 | 25 | T 1 | 23 | A 1 | 20 |
| Y 2 | 2 A | A 2 | 30 | L 2 | 28 | E 2 | 26 | E 2 | 24 | D 2 | 21 |
| A 3 | 3 Y | M 3 | 1 J | U 3 | 29 | S 3 | 27 | B 3 | 25 | A 3 | 22 |
| R 4 | 4 | M 4 | 2 U | L 4 | 30 | V 4 | 28 | E 4 | 26 | R 4 | 23 |
| 5 | 5 | U 5 | 3 L | 5 | 31 | A 5 | 29 | T 5 | 27 | 5 | 24 |
| 6 | 6 | Z 6 | 4 Y | 6 | 1 S | N 6 | 30 | 6 | 28 | 6 | 25 |
| 7 | 7 | 7 | 5 | 7 | 2 E | 7 | 31 | 7 | 29 | 7 | 26 |
| 8 | 8 | 8 | 6 | 8 | 3 P | 8 | 1 N | 8 | 30 | 8 | 27 |
| 9 | 9 | 9 | 7 | 9 | 4 T | 9 | 2 O | 9 | 31 | 9 | 28 |
| 10 | 10 | 10 | 8 | 10 | 5 | 10 | 3 V | 10 | 1 J | 10 | 29 |

FULL MOONS

NEW MOONS

FULL MOONS

NEW MOONS

| 1836 | | | 1837 | | | | | | | | |
|------|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|---------|
| Adar | Mar | Nis | Apr | Siv | June | Ab | Aug | Tis | Oct | Kis | Dec |
| 11 | 1 | 11 | 29 | 11 | 27 | 11 | 25 | 11 | 23 | 10 | 21 |
| 12 | 2 | 12 | 30 Em | 12 | 28 | 12 | 26-16-0 | 12 | 24-15-24 | 11 | 22 |
| 13 | 3-12-12 | 13 | 1-10-18 | 13 | 29-1-17 | 13 | 27 | 13 | 25 | 12 | 23-2-36 |
| 14 | 4 | 14 | 2 M | 14 | 30 | 14 | 28 | 14 | 26 | 13 | 24 |
| 15 | 5 | 15 | 3 A | 15 | 1 J | 15 | 29 | 15 | 27 | 14 | 25 |
| 16 | 6 | 16 | 4 Y | 16 | 2 U | 16 | 30 | 16 | 28 | 15 | 26 |
| 17 | 7 | 17 | 5 | 17 | 3 L | 17 | 31 | 17 | 29 | 16 | 27 |
| 18 | 8 | 18 | 6 | 18 | 4 Y | 18 | 1 S | 18 | 30 | 17 | 28 |
| 19 | 9 | 19 | 7 | 19 | 5 | 19 | 2 E | 19 | 31 | 18 | 29 |
| 20 | 10 | 20 | 8 | 20 | 6 | 20 | 3 P | 20 | 1 N | 19 | 30 |
| 21 | 11 | 21 | 9 | 21 | 7 | 21 | 4 T | 21 | 2 O | 20 | 31 |
| 22 | 12 | 22 | 10 | 22 | 8 | 22 | 5 E | 22 | 3 V | 21 | 1 J |
| 23 | 13 | 23 | 11 | 23 | 9 | 23 | 6 M | 23 | 4 E | 22 | 2 A |
| 24 | 14 | 24 | 12 | 24 | 10 | 24 | 7 B | 24 | 5 M | 23 | 3 N |
| 25 | 15 | 25 | 13 | 25 | 11 | 25 | 8 E | 25 | 6 B | 24 | 4 U |
| 26 | 16 | 26 | 14 | 26 | 12 | 26 | 9 R | 26 | 7 E | 25 | 5 A |
| 27 | 17-11-24 | 27 | 15-16-28 | 27 | 13-23-9 | 27 | 10 | 27 | 8 R | 26 | 6 R |
| 28 | 18 | 28 | 16 | 28 | 14 | 28 | 11-3-4 | 28 | 9-3-55 | 27 | 7-2-7 |
| 29 | 19 | 29 | 17 | 29 | 15 | 29 | 12 | 29 | 10 | 28 | 8 |
| 30 | 20 6:11 | 30 | 18 6:50 | 30 | 16 7:04 | 30 | 13 6:09 | 30 | 11 5:05 | 29 | 9 |
| V 1 | 21 | I 1 | 19 | T 1 | 17 | E 1 | 14 | H 1 | 12 | 30 | 10 |
| E 2 | 22 | Y 2 | 20 | A 2 | 18 | L 2 | 15 | E 2 | 13 | T 1 | 11 |
| A 3 | 23 | A 3 | 21 | M 3 | 19 | U 3 | 16 | S 3 | 14 | E 2 | 12 |
| D 4 | 24 | R 4 | 22 | M 4 | 20 | L 4 | 17 | V 4 | 15 | B 3 | 13 |
| A 5 | 25 | 5 | 23 | U 5 | 21 | 5 | 18 | A 5 | 16 | E 4 | 14 |
| R 6 | 26 | 6 | 24 | Z 6 | 22 | 6 | 19 | N 6 | 17 | T 5 | 15 |
| 7 | 27 | 7 | 25 | 7 | 23 | 7 | 20 | 7 | 18 | 6 | 16 |
| 8 | 28 | 8 | 26 | 8 | 24 | 8 | 21 | 8 | 19 | 7 | 17 |
| 9 | 29 | 9 | 27 | 9 | 25 | 9 | 22 | 9 | 20 | 8 | 18 |
| 10 | 30 | 10 | 28 | 10 | 26 | 10 | 23 | 10 | 21 | 9 | 19 |
| 11 | 31 | 11 | 29 | 11 | 27 | 11 | 24 | 11 | 22 | 10 | 20 |
| 12 | 1 | 12 | 30-18-20 | 12 | 28-8-7 | 12 | 25-2-9 | 12 | 23-7-51 | 11 | 21-22-6 |
| 13 | 2-0-27 | 13 | 31 | 13 | 29 | 13 | 26 | 13 | 24 | 12 | 22 |
| 14 | 3 A | 14 | 1 J | 14 | 30 | 14 | 27 | 14 | 25 | 13 | 23 |
| 15 | 4 P | 15 | 2 U | 15 | 31 | 15 | 28 | 15 | 26 | 14 | 24 |
| 16 | 5 R | 16 | 3 N | 16 | 1 A | 16 | 29 | 16 | 27 | 15 | 25 |
| 17 | 6 I | 17 | 4 E | 17 | 2 U | 17 | 30 | 17 | 28 | 16 | 26 |
| 18 | 7 L | 18 | 5 | 18 | 3 G | 18 | 1 O | 18 | 29 | 17 | 27 |
| 19 | 8 | 19 | 6 | 19 | 4 U | 19 | 2 C | 19 | 30 | 18 | 28 |
| 20 | 9 | 20 | 7 | 20 | 5 S | 20 | 3 T | 20 | 1 D | 19 | 29 |
| 21 | 10 | 21 | 8 | 21 | 6 T | 21 | 4 O | 21 | 2 E | 20 | 30 |
| 22 | 11 | 22 | 9 | 22 | 7 | 22 | 5 B | 22 | 3 C | 21 | 31 |
| 23 | 12 | 23 | 10 | 23 | 8 | 23 | 6 E | 23 | 4 E | 22 | 1 F |
| 24 | 13 | 24 | 11 | 24 | 9 | 24 | 7 R | 24 | 5 M | 23 | 2 E |
| 25 | 14 | 25 | 12 | 25 | 10 | 25 | 8 | 25 | 6 | 24 | 3 B |
| 26 | 15 | 26 | 13 | 26 | 11 | 26 | 9 | 26 | 7 | 25 | 4 |
| 27 | 16-1-24 | 27 | 14-7-59 | 27 | 12-13-33 | 27 | 10-15-49 | 27 | 8-15-10 | 26 | 5-12-28 |
| 28 | 17 | 28 | 15 | 28 | 13 | 28 | 11 | 28 | 9 | 27 | 6 |
| 29 | 18 6:29 | 29 | 16 7:05 | 29 | 14 6:45 | 29 | 12 5:33 | 29 | 10 4:58 | 28 | 7 |
| N 1 | 19 | S 1 | 17 | A 1 | 15 | T 1 | 13 | 30 | 11 | 29 | 8 5:44 |
| I 2 | 20 | I 2 | 18 | B 2 | 16 | I 2 | 14 | K 1 | 12 | S 1 | 9 |
| S 3 | 21 | V 3 | 19 | 3 | 17 | S 3 | 15 | I 2 | 13 | H 2 | 10 |
| A 4 | 22 | A 4 | 20 | 4 | 18 | R 4 | 16 | S 3 | 14 | E 3 | 11 |
| N 5 | 23 | N 5 | 21 | 5 | 19 | I 5 | 17 | L 4 | 15 | B 4 | 12 |
| 6 | 24 | 6 | 22 | 6 | 20 | 6 | 18 | E 5 | 16 | A 5 | 13 |
| 7 | 25 | 7 | 23 | 7 | 21 | 7 | 19 | U 6 | 17 | T 6 | 14 |
| 8 | 26 | 8 | 24 | 8 | 22 | 8 | 20 | 7 | 18 | 7 | 15 |
| 9 | 27 | 9 | 25 | 9 | 23 | 9 | 21 | 8 | 19 | 8 | 16 |
| 10 | 28 | 10 | 26 | 10 | 24 | 10 | 22 | 9 | 20 | 9 | 17 |

FULL MOONS

NEW MOONS

FULL MOONS

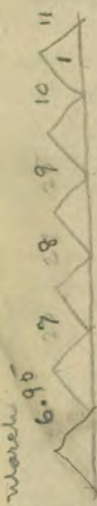
NEW MOONS

1837

1838

| She Feb | Nis Apr | Siv June | Ab Aug | Tis Oct | Kis Dec |
|---------------|--------------|------------|-------------|-------------|-------------|
| 10 18 | 10 18 | 10 16 | 10 14 | 10 12 | 10 10 |
| 11 19 | 11 19 | 11 17 | 11 15 | 11 13 | 11 11 |
| 12 20-16-44 X | 12 20-23-0 X | 12 18-18-2 | 12 16-7-59 | 12 14-1-35 | 12 12-4-38 |
| 13 21 | 13 21 | 13 19 | 13 17 | 13 15 | 13 13 |
| 14 22 | 14 22 | 14 20 | 14 18 | 14 16 | 14 14 |
| 15 23 | 15 23 | 15 21 | 15 19 | 15 17 | 15 15 |
| 16 24 | 16 24 | 16 22 | 16 20 | 16 18 | 16 16 |
| 17 25 | 17 25 | 17 23 | 17 21 | 17 19 | 17 17 |
| 18 26 | 18 26 | 18 24 | 18 22 | 18 20 | 18 18 |
| 19 27 | 19 27 | 19 25 | 19 23 | 19 21 | 19 19 |
| 20 28 | 20 28 | 20 26 | 20 24 | 20 22 | 20 20 |
| 21 31 M | 21 29 | 21 27 | 21 25 | 21 23 | 21 21 |
| 22 32 A | 22 30 | 22 28 | 22 26 | 22 24 | 22 22 |
| 23 3 R | 23 1 M | 23 29 | 23 27 | 23 25 | 23 23 |
| 24 4 C | 24 2 A | 24 30 | 24 28 | 24 26 | 24 24 |
| 25 5 H | 25 3 Y | 25 1 | 25 29 | 25 27 | 25 25 |
| 26 6-22-50 | 26 4-21-22 | 26 2-23-51 | 26 30 | 26 28 | 26 26 |
| 27 7 | 27 5 | 27 3 | 27 31-6-21 | 27 29-13-53 | 27 27-16-54 |
| 28 8 | 28 6 | 28 4 | 28 1 | 28 30 | 28 28 |
| 29 9 | 29 7 | 29 5 | 29 2 | 29 31 | 29 29 |
| 30 10 6:04 | 30 8 6:43 | 30 6 7:07 | 30 3 6:22 | 30 1 5:13 | 30 30 5:07 |
| A 1 11 | I 1 9 | T 1 7 J | E 1 4 S | H 1 2 N | T 1 31 |
| D 2 12 | Y 2 10 | A 2 8 U | L 2 5 E | E 2 3 O | E 2 1 J |
| A 3 13 | A 3 11 | M 3 9 L | U 3 6 P | S 3 4 V | B 3 2 A |
| R 4 14 | R 4 12 | M 4 10 Y | L 4 7 T | V 4 5 E | E 4 3 N |
| 5 15 | 5 13 | U 5 11 | 5 8 E | A 5 6 M | T 5 4 U |
| 6 16 | 6 14 | Z 6 12 | 6 9 M | N 6 7 B | 6 5 A |
| 7 17 | 7 15 | 7 13 | 7 10 B | 7 8 E | 7 6 R |
| 8 18 | 8 16 | 8 14 | 8 11 E | 8 9 R | 8 7 Y |
| 9 19 | 9 17 | 9 15 | 9 12 R | 9 10 | 9 8 |
| 10 20 | 10 18 | 10 16 | 10 13 | 10 11 | 10 9 |
| 11 21 | 11 19 | 11 17 | 11 14-15-49 | 11 12-13-51 | 11 10-21-41 |
| 12 22-9-16 | 12 20-9-48 | 12 18-1-11 | 12 15 | 12 13 | 12 11 |
| 13 23 | 13 21 | 13 19 | 13 16 | 13 14 | 13 12 |
| 14 24 | 14 22 | 14 20 | 14 17 | 14 15 | 14 13 |
| 15 25 | 15 23 | 15 21 | 15 18 | 15 16 | 15 14 |
| 16 26 | 16 24 | 16 22 | 16 19 | 16 17 | 16 15 |
| 17 27 | 17 25 | 17 23 | 17 20 | 17 18 | 17 16 |
| 18 28 | 18 26 | 18 24 | 18 21 | 18 19 | 18 17 |
| 19 29 | 19 27 | 19 25 | 19 22 | 19 20 | 19 18 |
| 20 30 | 20 28 | 20 26 | 20 23 | 20 21 | 20 19 |
| 21 31 | 21 29 | 21 27 | 21 24 | 21 22 | 21 20 |
| 22 1 A | 22 30 | 22 28 | 22 25 | 22 23 | 22 21 |
| 23 2 P | 23 31 | 23 29 | 23 26 | 23 24 | 23 22 |
| 24 3 R | 24 1 | 24 30 | 24 27 | 24 25 | 24 23 |
| 25 4 I | 25 2 | 25 31 | 25 28 | 25 26 | 25 24 |
| 26 5-9-41 | 26 3-10-4 | 26 1-14-40 | 26 29-22-21 | 26 27 | 26 25 |
| 27 6 | 27 4 | 27 2 | 27 30 | 27 28-4-11 | 27 26-4-12 |
| 28 7 | 28 5 | 28 3 | 28 1 | 28 29 | 28 27 |
| 29 8 6:23 | 29 6 7:00 | 29 4 6:54 | 29 2 5:46 | 29 30 4:59 | 29 28 5:31 |
| N 1 9 | S 1 7 J | A 1 5 | T 1 3 O | K 1 1 D | S 1 29 |
| I 2 10 | I 2 8 U | B 2 6 | I 2 4 C | I 2 2 E | H 2 30 |
| S 3 11 | V 3 9 N | 3 7 | S 3 5 T | S 3 3 C | E 3 31 |
| A 4 12 | A 4 10 E | 4 8 | R 4 6 O | L 4 4 E | B 4 1 F |
| N 5 13 | N 5 11 | 5 9 | I 5 7 B | E 5 5 M | A 5 2 E |
| 6 14 | 6 12 | 6 10 | 6 8 E | U 6 6 B | T 6 3 B |
| 7 15 | 7 13 | 7 11 | 7 9 R | 7 7 E | 7 4 |
| 8 16 | 8 14 | 8 12 | 8 10 | 8 8 R | 8 5 |
| 9 17 | 9 15 | 9 13 | 9 11 | 9 9 | 9 6 |

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| 1838 | | 1839 | | | |
|-------------|-------------|-------------|------------|-------------|-----------------------|
| She Feb | Nis Apr | Siv June | Ab Aug | Tis Oct | Kis Nov |
| 10 7 | 10 7 | 10 5 | 10 3 | 10 1 | 10 29 |
| 11 8 | 11 8 | 11 6 | 11 4 | 11 2 | 11 30 |
| 12 9-16-13 | 12 9 | 12 7 | 12 5 | 12 3-17-7 | 12 1-13-55 FULL MOONS |
| 13 10 | 13 10-4-27 | 13 8-7-11 | 13 6-0-46 | 13 4 | 13 2 D |
| 14 11 | 14 11 | 14 9 | 14 7 | 14 5 | 14 3 E |
| 15 12 | 15 12 | 15 10 | 15 8 | 15 6 | 15 4 C |
| 16 13 | 16 13 | 16 11 | 16 9 | 16 7 | 16 5 E |
| 17 14 | 17 14 | 17 12 | 17 10 | 17 8 | 17 6 M |
| 18 15 | 18 15 | 18 13 | 18 11 | 18 9 | 18 7 B |
| 19 16 | 19 16 | 19 14 | 19 12 | 19 10 | 19 8 |
| 20 17 | 20 17 | 20 15 | 20 13 | 20 11 | 20 9 |
| 21 18 | 21 18 | 21 16 | 21 14 | 21 12 | 21 10 |
| 22 19 | 22 19 | 22 17 | 22 15 | 22 13 | 22 11 |
| 23 20 | 23 20 | 23 18 | 23 16 | 23 14 | 23 12 |
| 24 21 | 24 21 | 24 19 | 24 17 | 24 15 | 24 13 |
| 25 22 | 25 22 | 25 20 | 25 18 | 25 16 | 25 14 |
| 26 23 | 26 23 | 26 21 | 26 19 | 26 17 | 26 15 |
| 27 24-14-29 | 27 24-9-21 | 27 22-4-54 | 27 20-6-47 | 27 18-16-46 | 27 16 NEW MOONS |
| 28 25 | 28 25 | 28 23 | 28 21 | 28 19 | 28 17-2-43 |
| 29 26 | 29 26 | 29 24 | 29 22 | 29 20 | 29 18 |
| 30 27 5:56 | 30 27 6:35 | 30 25 7:07 | 30 23 6:35 | 30 21 5:23 | 30 19 5:01 |
| A 1 28 | I 1 28 | S 1 26 | E 1 24 | H 1 22 | T 1 20 |
| D 2 1 M | Y 2 29 | A 2 27 | L 2 25 | E 2 23 | E 2 21 |
| A 3 2 A | A 3 30 | M 3 28 | U 3 26 | S 3 24 | B 3 22 |
| R 4 3 R | R 4 1 M | M 4 29 | L 4 27 | V 4 25 | E 4 23 |
| 5 4 C | 5 2 A | U 5 30 | 5 28 | A 5 26 | T 5 24 |
| 6 5 H | 6 3 Y | Z 6 1 J | 6 29 | N 6 27 | 6 25 |
| 7 6 | 7 4 | 7 2 U | 7 30 | 7 28 | 7 26 |
| 8 7 | 8 5 | 8 3 L | 8 31 | 8 29 | 8 27 |
| 9 8 | 9 6 | 9 4 Y | 9 1 S | 9 30 | 9 28 |
| 10 9 | 10 7 | 10 5 | 10 2 E | 10 31 | 10 29 |
| 11 10 | 11 8 Em x | 11 6 | 11 3 P | 11 1 | 11 30 |
| 12 11-11-0 | 12 9-19-18 | 12 7-16-39 | 12 4-8-38 | 12 2-2-46 | 12 31-2-56 FULL MOONS |
| 13 12 | 13 10 x | 13 8 | 13 5 E | 13 3 N | 13 1 J |
| 14 13 | 14 11 | 14 9 | 14 6 M | 14 4 O | 14 2 A |
| 15 14 | 15 12 | 15 10 | 15 7 B | 15 5 V | 15 3 N |
| 16 15 | 16 13 | 16 11 | 16 8 E | 16 6 E | 16 4 U |
| 17 16 | 17 14 | 17 12 | 17 9 R | 17 7 M | 17 5 A |
| 18 17 | 18 15 | 18 13 | 18 10 | 18 8 B | 18 6 R |
| 19 18 | 19 16 | 19 14 | 19 11 | 19 9 E | 19 7 Y |
| 20 19 | 20 17 | 20 15 | 20 12 | 20 10 R | 20 8 |
| 21 20 | 21 18 | 21 16 | 21 13 | 21 11 | 21 9 |
| 22 21 | 22 19 | 22 17 | 22 14 | 22 12 | 22 10 |
| 23 22 | 23 20 | 23 18 | 23 15 | 23 13 | 23 11 |
| 24 23 | 24 21 | 24 19 | 24 16 | 24 14 | 24 12 |
| 25 24 | 25 22 | 25 20 | 25 17 | 25 15 | 25 13 |
| 26 25 | 26 23-18-44 | 26 21-16-43 | 26 18-23-5 | 26 16 | 26 14 NEW MOONS |
| 27 26-0-5 | 27 24 | 27 22 | 27 19 | 27 17-10-23 | 27 15-17-14 |
| 28 27 | 28 25 | 28 23 | 28 20 | 28 18 | 28 16 |
| 29 28 6:16 | 29 26 6:54 | 29 24 7:01 | 29 21 5:59 | 29 19 6:02 | 29 17 5:22 |
| N 1 29 | S 31 27 | A 31 25 | T 31 22 | H 31 20 | S 31 18 |
| I 2 30 | I 2 28 | B 2 26 | I 2 23 | I 2 21 | H 2 19 |
| S 3 31 | V 3 29 | 3 27 | S 3 24 | S 3 22 | E 3 20 |
| A 4 1 A | A 4 30 | 4 28 | R 4 25 | L 4 23 | B 4 21 |
| N 5 2 P | N 5 31 | 5 29 | I 5 26 | E 5 24 | A 5 22 |
| 6 3 R | 6 1 J | 6 30 | 6 27 | U 6 25 | T 6 23 |
| 7 4 I | 7 2 U | 7 31 | 7 28 | 7 26 | 7 24 |
| 8 5 L | 8 3 N | 8 1 A | 8 29 | 8 27 | 8 25 |
| 9 6 | 9 4 E | 9 2 U | 9 30 | 9 28 | 9 26 |

YEAR

Feb 1839

Adar

| She | Jan | Feb | Mar | Iyar | May | Tam | July | Elul | Sept | Hes | Nov |
|-----|----------|-----|------------|------|------------|-----|-------------|------|------------|-----|------------|
| 10 | 27 | | 9 27 | | 9 25 | | 9 23 | | 9 20 | | 9 18 |
| 11 | 28 | | 10 28 | | 10 26 | | 10 24 | | 10 21 | | 10 19 |
| 12 | 29-18-1 | | 11 29 | | 11 27 | | 11 25 | | 11 22 | | 11 20 |
| 13 | 30 | | 12 30-4-39 | | 12 28-13-6 | | 12 26-13-46 | | 12 23-9-30 | | 12 21-4-34 |
| 14 | 31 | | 13 31 | | 13 29 | | 13 27 | | 13 24 | | 13 22 |
| 15 | 1 F | | 14 1 A | | 14 30 | | 14 28 | | 14 25 | | 14 23 |
| 16 | 2 E | | 15 2 P | | 15 31 | | 15 29 | | 15 26 | | 15 24 |
| 17 | 3 B | | 16 3 R | | 16 1 J | | 16 30 | | 16 27 | | 16 25 |
| 18 | 4 R | | 17 4 I | | 17 2 U | | 17 31 | | 17 28 | | 17 26 |
| 19 | 5 U | | 18 5 L | | 18 3 N | | 18 1 A | | 18 29 | | 18 27 |
| 20 | 6 A | | 19 6 | | 19 4 E | | 19 2 U | | 19 30 | | 19 28 |
| 21 | 7 R | | 20 7 | | 20 5 | | 20 3 G | | 20 1 O | | 20 29 |
| 22 | 8 Y | | 21 8 | | 21 6 | | 21 4 U | | 21 2 C | | 21 30 |
| 23 | 9 | | 22 9 | | 22 7 | | 22 5 S | | 22 3 T | | 22 1 D |
| 24 | 10 | | 23 10 | | 23 8 | | 23 6 T | | 23 4 O | | 23 2 E |
| 25 | 11 | | 24 11 | | 24 9 | | 24 7 | | 24 5 B | | 24 3 C |
| 26 | 12 | | 25 12 | | 25 10 | | 25 8 | | 25 6 | | 25 4 E |
| 27 | 13 | | 26 13 | | 26 11-17-3 | | 26 9-11-39 | | 26 7-16-34 | | 26 5 M |
| 28 | 14-5-49 | | 27 14-1-38 | | 27 12 | | 27 10 | | 27 8 | | 27 6-4-21 |
| 29 | 15 | | 28 15 | | 28 13 | | 28 11 | | 28 9 | | 28 7 |
| 30 | 16 5:48 | | 29 16 6:28 | | 29 14 5:05 | | 29 12 6:47 | | 29 10 5:36 | | 29 8 4:58 |
| A 1 | 17 | N 1 | 17 | S 1 | 15 | A 1 | 13 | T 1 | 11 | K 1 | 9 |
| D 2 | 18 | I 2 | 18 | I 2 | 16 | B 2 | 14 | I 2 | 12 | I 2 | 10 |
| A 3 | 19 | S 3 | 19 | V 3 | 17 | 3 | 15 | S 3 | 13 | S 3 | 11 |
| R 4 | 20 | A 4 | 20 | A 4 | 18 | 4 | 16 | R 4 | 14 | L 4 | 12 |
| 5 | 21 | N 5 | 21 | N 5 | 19 | 5 | 17 | I 5 | 15 | E 5 | 13 |
| 6 | 22 | 6 | 22 | 6 | 20 | 6 | 18 | 6 | 16 | U 6 | 14 |
| 7 | 23 | 7 | 23 | 7 | 21 | 7 | 19 | 7 | 17 | 7 | 15 |
| 8 | 24 | 8 | 24 | 8 | 22 | 8 | 20 | 8 | 18 | 8 | 16 |
| 9 | 25 | 9 | 25 | 9 | 23 | 9 | 21 | 9 | 19 | 9 | 17 |
| 10 | 26 | 10 | 26 | 10 | 24 | 10 | 22 | 10 | 20 | 10 | 18 |
| 11 | 27 | 11 | 27 | 11 | 25 | 11 | 23 | 11 | 21 | 11 | 19 |
| 12 | 28-10-56 | 12 | 28-21-45 | 12 | 26 | 12 | 24-23-58 | 12 | 22-18-52 | 12 | 20-14-25 |
| 13 | 21 M | 13 | 29 | 13 | 27-2-21 | 13 | 25 | 13 | 23 | 13 | 21 |
| 14 | 2 A | 14 | 30 | 14 | 28 | 14 | 26 | 14 | 24 | 14 | 22 |
| 15 | 3 R | 15 | 1 M | 15 | 29 | 15 | 27 | 15 | 25 | 15 | 23 |
| 16 | 4 C | 16 | 2 A | 16 | 30 | 16 | 28 | 16 | 26 | 16 | 24 |
| 17 | 5 H | 17 | 3 Y | 17 | 1 J | 17 | 29 | 17 | 27 | 17 | 25 |
| 18 | 6 | 18 | 4 | 18 | 2 U | 18 | 30 | 18 | 28 | 18 | 26 |
| 19 | 7 | 19 | 5 | 19 | 3 L | 19 | 31 | 19 | 29 | 19 | 27 |
| 20 | 8 | 20 | 6 | 20 | 4 Y | 20 | 1 S | 20 | 30 | 20 | 28 |
| 21 | 9 | 21 | 7 | 21 | 5 | 21 | 2 E | 21 | 31 | 21 | 29 |
| 22 | 10 | 22 | 8 | 22 | 6 | 22 | 3 P | 22 | 1 N | 22 | 30 |
| 23 | 11 | 23 | 9 | 23 | 7 | 23 | 4 T | 23 | 2 O | 23 | 31 |
| 24 | 12 | 24 | 10 | 24 | 8 | 24 | 5 E | 24 | 3 V | 24 | 1 J 1840 |
| 25 | 13 | 25 | 11 | 25 | 9 | 25 | 6 M | 25 | 4 E | 25 | 2 A |
| 26 | 14 | 26 | 12 | 26 | 10 | 26 | 7 | 26 | 5 M | 26 | 3 N |
| 27 | 15-16-33 | 27 | 13-9-31 | 27 | 11-1-22 | 27 | 8-0-42 | 27 | 6-10-32 | 27 | 4-23-41 |
| 28 | 16 | 28 | 14 | 28 | 12 | 28 | 9 | 28 | 7 | 28 | 5 |
| 29 | 17 | 29 | 15 | 29 | 13 | 29 | 10 | 29 | 8 | 29 | 6 |
| 30 | 18 6:10 | 30 | 16 6:48 | 30 | 14 7:05 | 30 | 11 6:12 | 30 | 9 5:07 | 30 | 7 5:13 |
| V 1 | 19 | I 1 | 17 | T 1 | 15 | E 1 | 12 | H 1 | 10 | T 1 | 8 |
| E 2 | 20 | Y 2 | 18 | A 2 | 16 | L 2 | 13 | E 2 | 11 | E 2 | 9 |
| A 3 | 21 | A 3 | 19 | M 3 | 17 | U 3 | 14 | S 3 | 12 | B 3 | 10 |
| D 4 | 22 | R 4 | 20 | M 4 | 18 | L 4 | 15 | V 4 | 13 | E 4 | 11 |
| A 5 | 23 | 5 | 21 | U 5 | 19 | 5 | 16 | A 5 | 14 | T 5 | 12 |
| R 6 | 24 | 6 | 22 | Z 6 | 20 | 6 | 17 | N 6 | 15 | 6 | 13 |
| 7 | 25 | 7 | 23 | 7 | 21 | 7 | 18 | 7 | 16 | 7 | 14 |
| 8 | 26 | 8 | 24 | 8 | 22 | 8 | 19 | 8 | 17 | 8 | 15 |

S H E B A T

Q D A R

FULL MOONS

NEW MOONS

FULL MOONS

NEW MOONS

| Teb | Jan | Adar | Mar | Iyar | May | Tam | July | Elul | Sept | Hes | Nov | |
|-----|----------|------|----------|------|----------|-----|----------|------|----------|-----|----------|------------|
| 9 | 16 | 9 | 15 | 9 | 13 | 9 | 11 | 9 | 8 | 9 | 6 | |
| 10 | 17 | 10 | 16 | 10 | 14 | 10 | 12 | 10 | 9 | 10 | 7 | |
| 11 | 18 | 11 | 17 | 11 | 15 | 11 | 13 | 11 | 10 | 11 | 8 | |
| 12 | 19-2-54 | 12 | 18-6-52 | 12 | 16-13-51 | 12 | 14-19-51 | 12 | 11-22-8 | 12 | 9-20-12 | FULL MOONS |
| 13 | 20 | 13 | 19 | 13 | 17 | 13 | 15 | 13 | 12 | 13 | 10 | |
| 14 | 21 | 14 | 20 | 14 | 18 | 14 | 16 | 14 | 13 | 14 | 11 | |
| 15 | 22 | 15 | 21 | 15 | 19 | 15 | 17 | 15 | 14 | 15 | 12 | |
| 16 | 23 | 16 | 22 | 16 | 20 | 16 | 18 | 16 | 15 | 16 | 13 | |
| 17 | 24 | 17 | 23 | 17 | 21 | 17 | 19 | 17 | 16 | 17 | 14 | |
| 18 | 25 | 18 | 24 | 18 | 22 | 18 | 20 | 18 | 17 | 18 | 15 | |
| 19 | 26 | 19 | 25 | 19 | 23 | 19 | 21 | 19 | 18 | 19 | 16 | |
| 20 | 27 | 20 | 26 | 20 | 24 | 20 | 22 | 20 | 19 | 20 | 17 | |
| 21 | 28 | 21 | 27 | 21 | 25 | 21 | 23 | 21 | 20 | 21 | 18 | |
| 22 | 29 | 22 | 28 | 22 | 26 | 22 | 24 | 22 | 21 | 22 | 19 | |
| 23 | 30 | 23 | 29 | 23 | 27 | 23 | 25 | 23 | 22 | 23 | 20 | |
| 24 | 31 | 24 | 30 | 24 | 28 | 24 | 26 | 24 | 23 | 24 | 21 | |
| 25 | 1 | 25 | 31 | 25 | 29 | 25 | 27 | 25 | 24 | 25 | 22 | |
| 26 | 2 | 26 | 1 | 26 | 30 | 26 | 28-23-49 | 26 | 25-20-47 | 26 | 23 | |
| 27 | 3-16-19 | 27 | 2-17-41 | 27 | 31-9-35 | 27 | 29 | 27 | 26 | 27 | 24-4-32 | NEW MOONS |
| 28 | 4 | 28 | 3 | 28 | 1 | 28 | 30 | 28 | 27 | 28 | 25 | |
| 29 | 5 5:38 | 29 | 4 6:20 | 29 | 2 6:58 | 29 | 31 6:57 | 29 | 28 5:50 | 29 | 26 4:59 | |
| S 1 | 6 F | N 1 | 5 A | S 1 | 3 J | A 1 | 1 A | T 1 | 29 | K 1 | 27 | |
| H 2 | 7 E | I 2 | 6 P | I 2 | 4 U | B 2 | 2 U | I 2 | 30 | I 2 | 28 | |
| E 3 | 8 B | S 3 | 7 R | V 3 | 5 N | 3 | 3 G | S 3 | 1 O | S 3 | 29 | |
| B 4 | 9 R | A 4 | 8 I | A 4 | 6 E | 4 | 4 U | R 4 | 2 C | L 4 | 30 | |
| A 5 | 10 U | N 5 | 9 L | N 5 | 7 | 5 | 5 S | I 5 | 3 T | E 5 | 1 D | |
| T 6 | 11 A | 6 | 10 | 6 | 8 | 6 | 6 T | 6 | 4 O | U 6 | 2 E | |
| 7 | 12 R | 7 | 11 | 7 | 9 | 7 | 7 | 7 | 5 B | 7 | 3 C | |
| 8 | 13 Y | 8 | 12 | 8 | 10 | 8 | 8 | 8 | 6 E | 8 | 4 E | |
| 9 | 14 | 9 | 13 | 9 | 11 | 9 | 9 | 9 | 7 R | 9 | 5 M | |
| 10 | 15 | 10 | 14 | 10 | 12 | 10 | 10 | 10 | 8 | 10 | 6 B | |
| 11 | 16 | 11 | 15 | 11 | 13 | 11 | 11 | 11 | 9 | 11 | 7 E | |
| 12 | 17-16-14 | 12 | 16-22-16 | 12 | 14 | 12 | 12 | 12 | 10 | 12 | 8 R | |
| 13 | 18 | 13 | 17 | 13 | 15-5-10 | 13 | 13-9-36 | 13 | 11-9-35 | 13 | 9-6-37 | FULL MOONS |
| 14 | 19 | 14 | 18 | 14 | 16 | 14 | 14 | 14 | 12 | 14 | 10 | |
| 15 | 20 | 15 | 19 | 15 | 17 | 15 | 15 | 15 | 13 | 15 | 11 | |
| 16 | 21 | 16 | 20 | 16 | 18 | 16 | 16 | 16 | 14 | 16 | 12 | |
| 17 | 22 | 17 | 21 | 17 | 19 | 17 | 17 | 17 | 15 | 17 | 13 | |
| 18 | 23 | 18 | 22 | 18 | 20 | 18 | 18 | 18 | 16 | 18 | 14 | |
| 19 | 24 | 19 | 23 | 19 | 21 | 19 | 19 | 19 | 17 | 19 | 15 | |
| 20 | 25 | 20 | 24 | 20 | 22 | 20 | 20 | 20 | 18 | 20 | 16 | |
| 21 | 26 | 21 | 25 | 21 | 23 | 21 | 21 | 21 | 19 | 21 | 17 | |
| 22 | 27 | 22 | 26 | 22 | 24 | 22 | 22 | 22 | 20 | 22 | 18 | |
| 23 | 28 | 23 | 27 | 23 | 25 | 23 | 23 | 23 | 21 | 23 | 19 | |
| 24 | 29 | 24 | 28 | 24 | 26 | 24 | 24 | 24 | 22 | 24 | 20 | |
| 25 | 1 M | 25 | 29 | 25 | 27 | 25 | 25 | 25 | 23 | 25 | 21 | |
| 26 | 2 A | 26 | 30 | 26 | 28 | 26 | 26 | 26 | 24 | 26 | 22 | |
| 27 | 3 R | 27 | 1 | 27 | 29-16-19 | 27 | 27-9-4 | 27 | 25-11-19 | 27 | 23-23-45 | |
| 28 | 4-6-26 | 28 | 2-2-26 | 28 | 30 | 28 | 28 | 28 | 26 | 28 | 24 | NEW MOONS |
| 29 | 5 | 29 | 3 | 29 | 1 | 29 | 29 | 29 | 27 | 29 | 25 5:04 | |
| 30 | 6 6:02 | 30 | 4 6:40 | 30 | 2 7:08 | 30 | 30 6:27 | 30 | 28 5:16 | T 1 | 26 | |
| A 1 | 7 | I 1 | 5 M | T 1 | 3 J | E 1 | 31 | H 1 | 29 | E 2 | 27 | |
| D 2 | 8 | Y 2 | 6 A | A 2 | 4 U | L 2 | 1 S | E 2 | 30 | B 3 | 28 | |
| A 3 | 9 | A 3 | 7 Y | M 3 | 5 L | U 3 | 2 E | S 3 | 31 | E 4 | 29 | |
| R 4 | 10 | R 4 | 8 | M 4 | 6 Y | L 4 | 3 P | V 4 | 1 N | T 5 | 30 | |
| 5 | 11 | 5 | 9 | U 5 | 7 | 5 | 4 T | A 5 | 2 O | 6 | 31 | |
| 6 | 12 | 6 | 10 | Z 6 | 8 | 6 | 5 E | N 6 | 3 V | 7 | 1 J 1841 | |
| 7 | 13 | 7 | 11 | 7 | 9 | 7 | 6 M | 7 | 4 E | 8 | 2 A | |
| 8 | 14 | 8 | 12 | 8 | 10 | 8 | 7 | 8 | 5 M | 9 | 3 N | |

| Teb | Jan | Adar | Mar | Nis | May | Em | Siv | July | Ab | Aug | Tis | Oct | Kis | Dec |
|-----|----------|------|----------|-----|------------|-----|----------|------|----------|-----|----------|-----|----------|------------|
| 10 | 4 | | | | | | | | | | | | | |
| 11 | 5 | 11 | 5 | | | | | | | | | | | |
| 12 | 6 | 12 | 6 | | | | | | | | | | | |
| 13 | 7-17-19 | 13 | 7-15-57 | 13 | 5-16-26 | 113 | 3-20-49 | 13 | 31 | 13 | 29 | 13 | 27 | |
| 14 | 8 | 14 | 8 | 14 | 6 | 14 | 4 | 14 | 1-3-52 | 14 | 30-8-18 | 13 | 28-8-52 | FULL MOONS |
| 15 | 9 | 15 | 9 | 15 | 7 | 15 | 5 | 15 | 2 S | 15 | 31 | 14 | 29 | |
| 16 | 10 | 16 | 10 | 16 | 8 | 16 | 6 | 16 | 3 E | 16 | 1 N | 15 | 30 | |
| 17 | 11 | 17 | 11 | 17 | 9 | 17 | 7 | 17 | 4 P | 17 | 2 O | 16 | 31 | |
| 18 | 12 | 18 | 12 | 18 | 10 | 18 | 8 | 18 | 5 T | 18 | 3 V | 17 | 1 J | 1842 |
| 19 | 13 | 19 | 13 | 19 | 11 | 19 | 9 | 19 | 6 E | 19 | 4 E | 18 | 2 A | |
| 20 | 14 | 20 | 14 | 20 | 12 | 20 | 10 | 20 | 7 M | 20 | 5 M | 19 | 3 N | |
| 21 | 15 | 21 | 15 | 21 | 13 | 21 | 11 | 21 | 8 B | 21 | 6 B | 20 | 4 U | |
| 22 | 16 | 22 | 16 | 22 | 14 | 22 | 12 | 22 | 9 E | 22 | 7 E | 21 | 5 A | |
| 23 | 17 | 23 | 17 | 23 | 15 | 23 | 13 | 23 | 10 R | 23 | 8 R | 22 | 6 R | |
| 24 | 18 | 24 | 18 | 24 | 16 | 24 | 14 | 24 | 11 | 24 | 9 | 23 | 7 Y | |
| 25 | 19 | 25 | 19 | 25 | 17 | 25 | 15 | 25 | 12 | 25 | 10 | 24 | 8 | |
| 26 | 20 | 26 | 20 | 26 | 18 | 26 | 16 | 26 | 13 | 26 | 11 | 25 | 9 | |
| 27 | 21 | 27 | 21 | 27 | 19 | 27 | 17 | 27 | 14 .68 | 27 | 12 .33 | 26 | 10 .77 | |
| 28 | 22-19-27 | 28 | 22 | 28 | 20 .09 | 28 | 18-16-23 | 28 | 15-8-22 | 28 | 13-7-50 | 27 | 11-18-36 | |
| 29 | 23 5:27 | 29 | 23-4-57 | 29 | 21-2-4 .10 | 29 | 19 2.11 | 29 | 16-23-40 | 29 | 14 2.38 | 28 | 12 2.95 | NEW MOONS |
| S 1 | 24 | 30 | 24 6:13 | 30 | 22 6:51 | 30 | 20 7:03 | 30 | 17 6:04 | 30 | 15 5.03 | 29 | 13 2.95 | |
| H 2 | 25 | V 1 | 25 | I 1 | 23 +.04 | T 1 | 21 .04 | E 1 | 18 | H 1 | 16 -.04 | 30 | 14 5:19 | |
| E 3 | 26 | E 2 | 26 | Y 2 | 24 | A 2 | 22 | L 2 | 19 | E 2 | 17 | T 1 | 15 -.03 | |
| B 4 | 27 | A 3 | 27 | A 3 | 25 | M 3 | 23 | U 3 | 20 | S 3 | 18 | E 2 | 16 | |
| A 5 | 28 | D 4 | 28 | R 4 | 26 | M 4 | 24 | L 4 | 21 | V 4 | 19 | B 3 | 17 | |
| T 6 | 29 | A 5 | 29 | 5 | 27 | U 5 | 25 | 5 | 22 | A 5 | 20 | E 4 | 18 | |
| 7 | 30 | R 6 | 30 | 6 | 28 | Z 6 | 26 | 6 | 23 | N 6 | 21 | T 5 | 19 | |
| 8 | 31 | 7 | 31 | 7 | 29 | 7 | 27 | 7 | 24 | 7 | 22 | 6 | 20 | |
| 9 | 1 F | 8 | 1 A | 8 | 30 | 8 | 28 | 8 | 25 | 8 | 23 | 7 | 21 | |
| 10 | 2 E | 9 | 2 P | 9 | 31 J | 9 | 29 | 9 | 26 | 9 | 24 | 8 | 22 | |
| 11 | 3 B | 10 | 3 R | 10 | 1 U | 10 | 30 | 10 | 27 | 10 | 25 | 9 | 23 | |
| 12 | 4 | 11 | 4 I | 11 | 2 N | 11 | 31 | 11 | 28 | 11 | 26 | 10 | 24 | |
| 13 | 5 | 12 | 5 L | 12 | 3 E | 12 | 1 | 12 | 29 | 12 | 27 | 11 | 25 | |
| 14 | 6-4-26 | 13 | 6-3-52 | 13 | 4-6-3 | 13 | 2-12-22 | 13 | 30-18-39 | 13 | 28-20-58 | 12 | 26-20-10 | FULL MOONS |
| 15 | 7 | 14 | 7 | 14 | 5 | 14 | 3 A | 14 | 1 | 14 | 29 | 13 | 27 | |
| 16 | 8 | 15 | 8 | 15 | 6 | 15 | 4 U | 15 | 2 O | 15 | 30 | 14 | 28 | |
| 17 | 9 | 16 | 9 | 16 | 7 | 16 | 5 G | 16 | 3 C | 16 | 1 D | 15 | 29 | |
| 18 | 10 | 17 | 10 | 17 | 8 | 17 | 6 U | 17 | 4 T | 17 | 2 E | 16 | 30 | |
| 19 | 11 | 18 | 11 | 18 | 9 | 18 | 7 S | 18 | 5 O | 18 | 3 C | 17 | 31 | |
| 20 | 12 | 19 | 12 | 19 | 10 | 19 | 8 T | 19 | 6 B | 19 | 4 E | 18 | 1 F | |
| 21 | 13 | 20 | 13 | 20 | 11 | 20 | 9 | 20 | 7 E | 20 | 5 M | 19 | 2 E | |
| 22 | 14 | 21 | 14 | 21 | 12 | 21 | 10 | 21 | 8 R | 21 | 6 B | 20 | 3 B | |
| 23 | 15 | 22 | 15 | 22 | 13 | 22 | 11 | 22 | 9 | 22 | 7 E | 21 | 4 R | |
| 24 | 16 | 23 | 16 | 23 | 14 | 23 | 12 | 23 | 10 | 23 | 8 R | 22 | 5 U | |
| 25 | 17 | 24 | 17 | 24 | 15 | 24 | 13 | 24 | 11 | 24 | 9 | 23 | 6 A | |
| 26 | 18 | 25 | 18 | 25 | 16 | 25 | 14 | 25 | 12 | 25 | 10 | 24 | 7 R | |
| 27 | 19 | 26 | 19 | 26 | 17 | 26 | 15 .99 | 26 | 13 .78 | 26 | 11 .99 | 25 | 8 Y | |
| 28 | 20 | 27 | 20 .70 | 27 | 18 .40 | 27 | 16-23-53 | 27 | 14-18-47 | 27 | 12-23-55 | 26 | 9 .59 | |
| 29 | 21-13-41 | 28 | 21-16-52 | 28 | 19-9-35 | 28 | 17 .79 | 28 | 15 1.98 | 28 | 13 2.72 | 27 | 10-14-15 | NEW MOONS |
| 30 | 22 5:52 | 29 | 22 6:32 | 29 | 20 7:07 | 29 | 18 6:40 | 29 | 16 5:28 | 29 | 14 2.72 | 28 | 11 2.15 | |
| A 1 | 23 | N 1 | 23 +.2 | S 1 | 21 .05 | A 1 | 19 .03 | T 1 | 17 -.02 | 30 | 15 5:00 | 29 | 12 5:45 | |
| D 2 | 24 | I 2 | 24 | I 2 | 22 | B 2 | 20 | I 2 | 18 | K 1 | 16 .04 | S 1 | 13 -.01 | |
| A 3 | 25 | S 3 | 25 | V 3 | 23 | 3 | 21 | S 3 | 19 | I 2 | 17 | H 2 | 14 | |
| R 4 | 26 | A 4 | 26 | A 4 | 24 | 4 | 22 | R 4 | 20 | S 3 | 18 | E 3 | 15 | |
| 5 | 27 | N 5 | 27 | N 5 | 25 | 5 | 23 | I 5 | 21 | L 4 | 19 | B 4 | 16 | |
| 6 | 28 | 6 | 28 | 6 | 26 | 6 | 24 | 6 | 22 | E 5 | 20 | A 5 | 17 | |
| 7 | 1 M | 7 | 29 | 7 | 27 | 7 | 25 | 7 | 23 | U 6 | 21 | T 6 | 18 | |
| 8 | 2 A | 8 | 30 | 8 | 28 | 8 | 26 | 8 | 24 | 7 | 22 | 7 | 19 | |
| 9 | 3 R | 9 | 1 M | 9 | 29 | 9 | 27 | 9 | 25 | 8 | 23 | 8 | 20 | |
| 10 | 4 C | 10 | 2 A | 10 | 30 | 10 | 28 | 10 | 26 | 9 | 24 | 9 | 21 | |
| | 5 H | 11 | 3 Y | 11 | 1 J | 11 | 29 | 11 | 27 | 10 | 25 | 10 | 22 | |
| | | 12 | 4 | 12 | 2 U | 12 | 30 | 12 | 28 | 11 | 26 | 11 | 23 | |

| 1842 | | | | | | | | | | 1843 | | | | | | | | | |
|------|--------------|-----------|----------------|-----|----------|-----|----------|-----|---------|------|----------|------------|----------|------------|--|--|--|--|--|
| She | Feb | Nis | | Apr | Siv | | June | Ab | Aug | Tis | Oct | Kis | | Dec | | | | | |
| 12 | 24 | 12 | 24 | 12 | 24 | 12 | 22-23-42 | 12 | 20 | 12 | 18 | 12 | 16 | | | | | | |
| 13 | 25-6-36 | <u>13</u> | <u>25-1-48</u> | 13 | 23 | 13 | 23 | 13 | 21-4-34 | 13 | 19-13-33 | 13 | 17-21-7 | FULL MOONS | | | | | |
| 14 | 26 | 14 | 26 | 14 | 26 | 14 | 24 | 14 | 22 | 14 | 20 | 14 | 18 | | | | | | |
| 15 | 27 | 15 | 27 | 15 | 27 | 15 | 25 | 15 | 23 | 15 | 21 | 15 | 19 | | | | | | |
| 16 | 28 | 16 | 28 | 16 | 28 | 16 | 26 | 16 | 24 | 16 | 22 | 16 | 20 | | | | | | |
| 17 | 1 M | 17 | 29 | 17 | 29 | 17 | 27 | 17 | 25 | 17 | 23 | 17 | 21 | | | | | | |
| 18 | 2 A | 18 | 30 | 18 | 30 | 18 | 28 | 18 | 26 | 18 | 24 | 18 | 22 | | | | | | |
| 19 | 3 R | 19 | 1 M | 19 | 1 M | 19 | 29 | 19 | 27 | 19 | 25 | 19 | 23 | | | | | | |
| 20 | 4 C | 20 | 2 A | 20 | 2 A | 20 | 30 | 20 | 28 | 20 | 26 | 20 | 24 | | | | | | |
| 21 | 5 H | 21 | 3 Y | 21 | 3 Y | 21 | 1 J | 21 | 29 | 21 | 27 | 21 | 25 | | | | | | |
| 22 | 6 | 22 | 4 | 22 | 4 | 22 | 2 U | 22 | 30 | 22 | 28 | 22 | 26 | | | | | | |
| 23 | 7 | 23 | 5 | 23 | 5 | 23 | 3 L | 23 | 31 | 23 | 29 | 23 | 27 | | | | | | |
| 24 | 8 | 24 | 6 | 24 | 6 | 24 | 4 Y | 24 | 1 S | 24 | 30 | 24 | 28 | | | | | | |
| 25 | 9 | 25 | 7 | 25 | 7 | 25 | 5 | 25 | 2 E | 25 | 31 | 25 | 29 | | | | | | |
| 26 | 10 | 26 | 8 | 26 | 8 | 26 | 6 | 26 | 3 P | 26 | 1 .77 | 26 | 30 .89 | | | | | | |
| 27 | 11 .37 | 27 | 9 .58 | 27 | 7 .54 | 27 | 7 .54 | 27 | 4 T .03 | 27 | 2-18-28 | 27 | 31-21-23 | NEW MOONS | | | | | |
| 28 | 12-8-49 | 28 | 10-13-59 | 28 | 8-9-21 | 28 | 8-9-21 | 28 | 5-0-36 | 28 | 3 N | 28 | 1 J | | | | | | |
| 29 | 13 .238 | 29 | 11 .220 | 29 | 9 .26 | 29 | 9 .26 | 29 | 6 .273 | 29 | 4 O .294 | 29 | 2 A .283 | | | | | | |
| 30 | 14 6:07 | 30 | 12 6:46 | 30 | 10 7:06 | 30 | 10 7:06 | 30 | 7 6:17 | 30 | 5 V 5:09 | 30 | 3 N 5:10 | | | | | | |
| A 1 | 15 | I 1 | 13 +.03 | T 1 | 11+.05 | E 1 | 8 +.01 | H 1 | 6 -.04 | T 1 | 4 U -.03 | | | | | | | | |
| D 2 | 16 | Y 2 | 14 | A 2 | 12 | L 2 | 9 | E 2 | 7 | E 2 | 5 A | | | | | | | | |
| AA 3 | 17 | A 3 | 15 | M 3 | 13 | U 3 | 10 | S 3 | 8 | B 3 | 6 R | | | | | | | | |
| R 4 | 18 | R 4 | 16 | M 4 | 14 | L 4 | 11 | V 4 | 9 | E 4 | 7 Y | | | | | | | | |
| 5 | 19 | 5 | 17 | U 5 | 15 | 5 | 12 | A 5 | 10 | T 5 | 8 | | | | | | | | |
| 6 | 20 | 6 | 18 | Z 6 | 16 | 6 | 13 | N 6 | 11 | 6 | 9 | | | | | | | | |
| 7 | 21 | 7 | 19 | 7 | 17 | 7 | 14 | 7 | 12 | 7 | 10 | | | | | | | | |
| 8 | 22 | 8 | 20 | 8 | 18 | 8 | 15 | 8 | 13 | 8 | 11 | | | | | | | | |
| 9 | 23 | 9 | 21 | 9 | 19 | 9 | 16 | 9 | 14 | 9 | 12 | | | | | | | | |
| 10 | 24 | 10 | 22 | 10 | 20 | 10 | 17 | 10 | 15 | 10 | 13 | | | | | | | | |
| 11 | 25 | 11 | 23 | 11 | 21 | 11 | 18 | 11 | 16 | 11 | 14 | | | | | | | | |
| 12 | 26-16-17 | 12 | 24-12-0 | 12 | 22-13-18 | 12 | 19-20-54 | 12 | 17 | 12 | 15 | FULL MOONS | | | | | | | |
| 13 | 27 | 13 | 25 | 13 | 23 | 13 | 20 | 13 | 18-5-50 | 13 | 16-10-48 | | | | | | | | |
| 14 | 28 | 14 | 26 | 14 | 24 | 14 | 21 | 14 | 19 | 14 | 17 | | | | | | | | |
| 15 | 29 | 15 | 27 | 15 | 25 | 15 | 22 | 15 | 20 | 15 | 18 | | | | | | | | |
| 16 | 30 | 16 | 28 | 16 | 26 | 16 | 23 | 16 | 21 | 16 | 19 | | | | | | | | |
| 17 | 31 | 17 | 29 | 17 | 27 | 17 | 24 | 17 | 22 | 17 | 20 | | | | | | | | |
| 18 | 1 A | 18 | 30 | 18 | 28 | 18 | 25 | 18 | 23 | 18 | 21 | | | | | | | | |
| 19 | 2 P | 19 | 31 | 19 | 29 | 19 | 26 | 19 | 24 | 19 | 22 | | | | | | | | |
| 20 | 3 R | 20 | 1 J | 20 | 30 | 20 | 27 | 20 | 25 | 20 | 23 | | | | | | | | |
| 21 | 4 I | 21 | 2 U | 21 | 31 | 21 | 28 | 21 | 26 | 21 | 24 | | | | | | | | |
| 22 | 5 L | 22 | 3 N | 22 | 1 A | 22 | 29 | 22 | 27 | 22 | 25 | | | | | | | | |
| 23 | 6 | 23 | 4 E | 23 | 2 U | 23 | 30 | 23 | 28 | 23 | 26 | | | | | | | | |
| 24 | 7 | 24 | 5 | 24 | 3 G | 24 | 1 O | 24 | 29 | 24 | 27 | | | | | | | | |
| 25 | 8 | 25 | 6 | 25 | 4 U | 25 | 2 C | 25 | 30 | 25 | 28 | | | | | | | | |
| 26 | 9 | 26 | 7 | 26 | 5 S .71 | 26 | 3 T .36 | 26 | 1 D .27 | 26 | 29 .57 | | | | | | | | |
| 27 | 10 .04 | 27 | 8 .02 | 27 | 6-17-6 | 27 | 4-8-44 | 27 | 2-6-35 | 27 | 30-14-22 | NEW MOONS | | | | | | | |
| 28 | 11-0-52 | 28 | 9-0-34 | 28 | 7 .07 | 28 | 5 .238 | 28 | 3 .244 | 28 | 31 .214 | | | | | | | | |
| 29 | 12 6:26 .173 | 29 | 10 7:02 .177 | 29 | 8 6:50 | 29 | 6 5:41 | 29 | 4 5:00 | 29 | 1 F 5:35 | | | | | | | | |
| N 1 | 13 +.02 | S 1 | 11 +.04 | A 1 | 9 +.03 | T 1 | 7 -.01 | K 1 | 5 -.04 | S 1 | 2 E -.02 | | | | | | | | |
| I 2 | 14 | I 2 | 12 | B 2 | 10 | I 2 | 8 | I 2 | 6 | H 2 | 3 B | | | | | | | | |
| S 3 | 15 | V 3 | 13 | 3 | 11 | S 3 | 9 | S 3 | 7 | E 3 | 4 R | | | | | | | | |
| A 4 | 16 | A 4 | 14 | 4 | 12 | R 4 | 10 | L 4 | 8 | B 4 | 5 U | | | | | | | | |
| N 5 | 17 | N 5 | 15 | 5 | 13 | I 5 | 11 | E 5 | 9 | A 5 | 6 A | | | | | | | | |
| 6 | 18 | 6 | 16 | 6 | 14 | 6 | 12 | U 6 | 10 | T 6 | 7 R | | | | | | | | |
| 7 | 19 | 7 | 17 | 7 | 15 | 7 | 13 | 7 | 11 | 7 | 8 Y | | | | | | | | |
| 8 | 20 | 8 | 18 | 8 | 16 | 8 | 14 | 8 | 12 | 8 | 9 | | | | | | | | |
| 9 | 21 | 9 | 19 | 9 | 17 | 9 | 15 | 9 | 13 | 9 | 10 | | | | | | | | |
| 10 | 22 | 10 | 20 | 10 | 18 | 10 | 16 | 10 | 14 | 10 | 11 | | | | | | | | |
| 11 | 23 | 11 | 21 | 11 | 19 | 11 | 17 | 11 | 15 | 11 | 12 | | | | | | | | |

| She Feb | Nis Apr | Siv June | Ab Aug | Tis Oct | Kis Dec |
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| 12 13 | 12 13 .90 | 12 11 | 12 9 | 12 7 | 12 5 |
| 13 14-22-30 | <u>13 14-16-50</u> | 13 12-9-31 | 13 10-7-15 | 13 8-13-37 | 13 6 |
| 14 15 | 14 15 | 14 13 | 14 11 | 14 9 | 14 7-2-21 |
| 15 16 | 15 16 | 15 14 | 15 12 | 15 10 | 15 8 |
| 16 17 | 16 17 | 16 15 | 16 13 | 16 11 | 16 9 |
| 17 18 | 17 18 | 17 16 | 17 14 | 17 12 | 17 10 |
| 18 19 | 18 19 | 18 17 | 18 15 | 18 13 | 18 11 |
| 19 20 | 19 20 | 19 18 | 19 16 | 19 14 | 19 12 |
| 20 21 | 20 21 | 20 19 | 20 17 | 20 15 | 20 13 |
| 21 22 | 21 22 | 21 20 | 21 18 | 21 16 | 21 14 |
| 22 23 | 22 23 | 22 21 | 22 19 | 22 17 | 22 15 |
| 23 24 | 23 24 | 23 22 | 23 20 | 23 18 | 23 16 |
| 24 25 | 24 25 | 24 23 | 24 21 | 24 19 | 24 17 |
| 25 26 | 25 26 | 25 24 | 25 22 | 25 20 | 25 18 |
| 26 27 | 26 27 | 26 25 | 26 23 | 26 21 | 26 19 |
| 27 28 .35 | 27 28 .77 | 27 26 .90 | 27 24 .71 | 27 22 .41 | 27 20 .31 |
| <u>28 21 -8-23</u> | <u>28 29-18-39</u> | <u>28 27-21-41</u> | <u>28 25-16-56</u> | <u>28 23-9-56</u> | <u>28 21-7-29</u> |
| 29 2 M 2.40 | 29 30 2.01 | 29 28 1.90 | 29 26 2.06 | 29 24 2.31 | 29 22 2.40 |
| 30 3 A 5:59 | 30 1 M 6:38 | 30 29 7:08 | 30 27 6:30 | 30 25 5:19 | 30 23 5:03 |
| A 1 4 R | I 1 2 A +.03 | T 1 30 +.05 | E 1 28 +.02 | H 1 26 -.03 | T 1 24 -.04 |
| D 2 5 C | Y 2 3 Y | A 2 1 J | L 2 29 | E 2 27 | E 2 25 |
| A 3 6 H | A 3 4 | M 3 2 U | U 3 30 | S 3 28 | B 3 26 |
| R 4 7 | R 4 5 | M 4 3 L | L 4 31 | V 4 29 | E 4 27 |
| 5 8 | 5 6 | U 5 4 Y | 5 1 S | A 5 30 | T 5 28 |
| 6 9 | 6 7 | Z 6 5 | 6 2 E | N 6 31 | 6 29 |
| 7 10 | 7 8 | 7 6 | 7 3 P | 7 1 N | 7 30 |
| 8 11 | 8 9 | 8 7 | 8 4 T | 8 2 O | 8 31 |
| 9 12 | 9 10 | 9 8 | 9 5 E | 9 3 V | 9 1 J |
| 10 13 | 10 11 | 10 9 | 10 6 M | 10 4 E | 10 2 A |
| 11 14 | 11 12 | 11 10 | 11 7 B | 11 5 M | 11 3 N |
| 12 15 | 12 13 | 12 11-19-26 | 12 8-21-18 | 12 6 B | 12 4 U |
| <u>13 16-8-19</u> | <u>13 14-0-55</u> | <u>13 12</u> | <u>13 9</u> | <u>13 7-7-42</u> | <u>13 5-19-55</u> |
| 14 17 | 14 15 | 14 13 | 14 10 | 14 8 R | 14 6 R |
| 15 18 | 15 16 | 15 14 | 15 11 | 15 9 | 15 7 Y |
| 16 19 | 16 17 | 16 15 | 16 12 | 16 10 | 16 8 |
| 17 20 | 17 18 | 17 16 | 17 13 | 17 11 | 17 9 |
| 18 21 | 18 19 | 18 17 | 18 14 | 18 12 | 18 10 |
| 19 22 | 19 20 | 19 18 | 19 15 | 19 13 | 19 11 |
| 20 23 | 20 21 | 20 19 | 20 16 | 20 14 | 20 12 |
| 21 24 | 21 22 | 21 20 | 21 17 | 21 15 | 21 13 |
| 22 25 | 22 23 | 22 21 | 22 18 | 22 16 | 22 14 |
| 23 26 | 23 24 | 23 22 | 23 19 | 23 17 | 23 15 |
| 24 27 | 24 25 | 24 23 | 24 20 | 24 18 | 24 16 |
| 25 28 | 25 26 | 25 24 | 25 21 | 25 19 | 25 17 |
| 26 29 | 26 27 | 26 25 | 26 22 | 26 20 .82 | 26 18 .86 |
| 27 30 .09 | 27 28 .38 | 27 26 .36 | 27 23 .05 | 27 21-19-54 | 27 19-20-39 |
| <u>28 31-2-9</u> | <u>28 29-9-15</u> | <u>28 27-8-32</u> | <u>28 24-1-13</u> | <u>28 22 1.87</u> | <u>28 20 1.37</u> |
| 29 1 A 6:18 | 29 30 6:57 1.43 | 29 28 6:58 1.43 | 29 25 5:54 | 29 23 4:59 | 29 21 5:25 |
| N 1 2 P +.01 | S 1 31 +.04 | A 1 29 +.04 | T 1 26 | K 1 24 -.04 | S 1 22 -.02 |
| I 2 3 R | I 2 1 J | B 2 30 | I 2 27 | I 2 25 | H 2 23 |
| S 3 4 I | V 3 2 U | 3 31 | S 3 28 | S 3 26 | E 3 24 |
| A 4 5 L | A 4 3 N | 4 1 A | R 4 29 | L 4 27 | B 4 25 |
| N 5 6 | N 5 4 E | 5 2 U | I 5 30 | E 5 28 | A 5 26 |
| 6 7 | 6 5 | 6 3 G | 6 1 O | U 6 29 | T 6 27 |
| 7 8 | 7 6 | 7 4 U | 7 2 C | 7 30 | 7 28 |
| 8 9 | 8 7 | 8 5 S | 8 3 T | 8 1 D | 8 29 |
| 9 10 | 9 8 | 9 6 T | 9 4 O | 9 2 E | 9 30 |
| 10 11 | 10 9 | 10 7 | 10 5 B | 10 3 C | 10 31 |
| 11 12 | 11 10 | 11 8 | 11 6 E | 11 4 E | 11 1 F |

| 1844 | | | | 1845 | | | |
|-------------|-------------|-------------|-------------|-------------|-------------|--|------------|
| She Feb | Ve April | Iyar May | Tam July | Elul Sept | Hes Nov | | |
| 12 2 | 11 1 | 11 30 | 11 28 | 11 25 | 11 23 | | |
| 13 3 | 12 2 .39 | 12 31 | 12 29-16-54 | 12 26-15-34 | 12 24 .09 | | |
| 14 4-11-3 | 13 3-9-18 | 13 1-1-8 | 13 30 | 13 27 | 13 25-2-3 | | FULL MOONS |
| 15 5 | 14 4 | 14 2 J .05 | 14 31 | 14 28 | 14 26 | | |
| 16 6 | 15 5 | 15 3 U | 15 1 A | 15 29 | 15 27 | | |
| 17 7 | 16 6 | 16 4 N | 16 2 U | 16 30 | 16 28 | | |
| 18 8 | 17 7 | 17 5 E | 17 3 G | 17 1 O | 17 29 | | |
| 19 9 | 18 8 | 18 6 | 18 4 U | 18 2 C | 18 30 | | |
| 20 10 | 19 9 | 19 7 | 19 5 S | 19 3 T | 19 1 D | | |
| 21 11 | 20 10 | 20 8 | 20 6 T | 20 4 O | 20 2 E | | |
| 22 12 | 21 11 | 21 9 | 21 7 | 21 5 B | 21 3 C | | |
| 23 13 | 22 12 | 22 10 | 22 8 | 22 6 E | 22 4 E | | |
| 24 14 | 23 13 | 23 11 | 23 9 | 23 7 R | 23 5 M | | |
| 25 15 | 24 14 | 24 12 | 24 10 | 24 8 | 24 6 B | | |
| 26 16 | 25 15 | 25 13 | 25 11 | 25 9 | 25 7 E | | |
| 27 17 .46 | 26 16 .78 | 26 14 .12 | 26 12 .20 | 26 10 .07 | 26 8 R .94 | | |
| 28 18-11-6 | 27 17-18-53 | 27 13 | 27 11 | 27 11 | 27 9-22-33 | | |
| 29 19 .228 | 28 18 | 28 16-2-47 | 28 14-4-52 | 28 12-1-45 | 28 10 | | NEW MOONS |
| 30 20 5:51 | 29 19 6:31 | 29 17 7:05 | 29 15 6:43 | 29 13 5:32 | 29 11 2:77 | | |
| A 1 21 -.01 | N 1 20 +.02 | S 1 18 +.05 | A 1 16 | T 1 14 | 30 12 4:57 | | |
| D 2 22 | I 2 21 | I 2 19 | B 2 17 +.03 | I 2 15 -.02 | KK1 13 -.04 | | |
| A 3 23 | S 3 22 | V 3 20 | 3 18 | S 3 16 | I 2 14 | | |
| R 4 24 | A 4 23 | A 4 21 | 4 19 | R 4 17 | S 3 15 | | |
| 5 25 | N 5 24 | N 5 22 | 5 20 | I 5 18 | L 4 16 | | |
| 6 26 | 6 25 | 6 23 | 6 21 | 6 19 | E 5 17 | | |
| 7 27 | 7 26 | 7 24 | 7 22 | 7 20 | U 6 18 | | |
| 8 28 | 8 27 | 8 25 | 8 23 | 8 21 | 7 19 | | |
| 9 29 | 9 28 | 9 26 | 9 24 | 9 22 | 8 20 | | |
| 10 1 M | 10 29 | 10 27 | 10 25 | 10 23 | 9 21 | | |
| 11 2 A | 11 30 | 11 28 | 11 26 | 11 24 | 10 22 | | |
| 12 3 R | 12 1 | 12 29 | 12 27 | 12 25 | 11 23 | | |
| 13 4-23-23 | 13 2-17-37 | 13 30-8-37 | 13 28-2-54 | 13 26-7-25 | 12 24-21-49 | | FULL MOONS |
| 14 5 | 14 3 M | 14 1 J | 14 29 | 14 27 | 13 25 | | |
| 15 6 | 15 4 A | 15 2 U | 15 30 | 15 28 | 14 26 | | |
| 16 7 | 16 5 Y | 16 3 L | 16 31 | 16 29 | 15 27 | | |
| 17 8 | 17 6 | 17 4 Y | 17 1 S | 17 30 | 16 28 | | |
| | | | 18 2 E | 18 31 | 17 29 | | |
| | | | 19 3 P | 19 1 N | 18 30 | | |
| | | | 20 4 T | 20 2 O | 19 31 | | |
| | | | 21 5 E | 21 3 V | 20 1 J | | |
| | | | 22 6 M | 22 4 E | 21 2 A | | |
| | | | 23 7 B | 23 5 M | 22 3 N | | |
| | | | 24 8 E | 24 6 B | 23 4 U | | |
| | | | 25 9 R | 25 7 E | 24 5 A | | |
| 26 17 | 26 15 | 26 13 | 26 10 | 26 8 R | 25 6 R | | |
| 27 18 .11 | 27 16 .46 | 27 14 .70 | 27 11 .65 | 27 9 .50 | 26 7 Y .46 | | |
| 28 19-2-38 | 28 17-11-14 | 28 15-16-44 | 28 12-15-37 | 28 10-11-57 | 27 8-9-33 | | NEW MOONS |
| 29 20 2.65 | 29 18 2.37 | 29 16 2.09 | 29 13 2.10 | 29 11 2.22 | 28 9 | | |
| 30 21 6:11 | 30 19 6:50 | 30 17 7:04 | 30 14 6:08 | 30 12 5:04 | 29 10 3.31 | | |
| V 1 22 +.01 | I 1 20 +.03 | T 1 18 +.04 | E 1 15 | H 1 13 -.04 | 30 11 5:16 | | |
| E 2 23 | Y 2 21 | A 2 19 | L 2 16 | E 2 14 | T 1 12 -.08 | | |
| A 3 24 | A 3 22 | M 3 20 | U 3 17 | S 3 15 | E 2 13 | | |
| D 4 25 | R 4 23 | M 4 21 | L 4 18 | V 4 16 | B 3 14 | | |
| A 5 26 | 5 24 | U 5 22 | 5 19 | A 5 17 | E 4 15 | | |
| R 6 27 | 6 25 | Z 6 23 | 6 20 | N 6 18 | T 5 16 | | |
| 7 28 | 7 26 | 7 24 | 7 21 | 7 19 | 6 17 | | |
| 8 29 | 8 27 | 8 25 | 8 22 | 8 20 | 7 18 | | |
| 9 30 | 9 28 | 9 26 | 9 23 | 9 21 | 8 19 | | |
| 10 31 | 10 29 | 10 27 | 10 24 | 10 22 | 9 20 | | |

If the Nisan phasis were placed on April 18 sunset, then the "new moons" for Sivan, Ab, and Tisri would have to occur at evening of the day of conjunction -- impossible with the unfavorable lunar positions present.

| 1844 | | 1845 | |
|-------------|-------------|------------------|-------------------------------------|
| She Feb | Ve April | Iyar May | Tam July Elul Sept Hes Nov |
| 12 2 | 11 1 | 11 30 | 11 28 11 25 |
| 13 3 | 12 2 .39 | 12 31 | 12 29-16-54 12 26-15-34 |
| 14 4-11-3 | 13 3-9-18 | 13 1-1-8 | 13 30 13 27 13 25-2-3 |
| 15 5 | 14 4 | 14 2 J .05 | 14 31 14 28 14 26 |
| 16 6 | 15 5 | 15 3 U | 15 1 A 15 29 15 27 |
| 17 7 | 16 6 | 16 4 N | 16 2 U 16 30 16 28 |
| 18 8 | 17 7 | 17 5 E | 17 3 G 17 1 O 17 29 |
| 19 9 | 18 8 | 18 6 | 18 4 U 18 2 C 18 30 |
| 20 10 | 19 9 | 19 7 | 19 5 S 19 3 T 19 1 D |
| 21 11 | 20 10 | 20 8 | 20 6 T 20 4 O 20 2 E |
| 22 12 | 21 11 | 21 9 | 21 7 21 5 B 21 3 C |
| 23 13 | 22 12 | 22 10 | 22 8 22 6 E 22 4 E |
| 24 14 | 23 13 | 23 11 | 23 9 23 7 R 23 5 M |
| 25 15 | 24 14 | 24 12 | 24 10 24 8 24 6 B |
| 26 16 | 25 15 | 25 13 | 25 11 25 9 25 7 E |
| 27 17 .46 | 26 16 .78 | 26 14 .12 | 26 12 .20 26 10 .07 26 8 R .94 |
| 28 18-11-6 | 27 17-18-53 | 27 15 | 27 13 27 11 c 27 9-22-33 |
| 29 19 .2.28 | 28 18 | 28 16-2-47 .02 | 28 14-4-52 28 12-1-45 |
| 30 20 5:51 | 29 19 6:31 | 29 17 7:05 .1.21 | 29 15 6:43 29 13 5:32 1.66 |
| A 1 21 -.01 | N 1 20 +.02 | S 1 18 +.05 | A 1 16 T 1 14 30 12 4:57 |
| D 2 22 | I 2 21 | I 2 19 | B 2 17 +.03 I 2 15 -.02 KK1 13 -.04 |
| A 3 23 | S 3 22 | V 3 20 | 3 18 S 3 16 I 2 14 |
| R 4 24 | A 4 23 | A 4 21 | 4 19 R 4 17 S 3 15 |
| 5 25 | N 5 24 | N 5 22 | 5 20 I 5 18 L 4 16 |
| 6 26 | 6 25 | 6 23 | 6 21 6 19 E 5 17 |
| 7 27 | 7 26 | 7 24 | 7 22 7 20 U 6 18 |
| 8 28 | 8 27 | 8 25 | 8 23 8 21 7 19 |
| 9 29 | 9 28 | 9 26 | 9 24 9 22 8 20 |
| 10 1 M | 10 29 | 10 27 | 10 25 10 23 9 21 |
| 11 2 A | 11 30 | 11 28 | 11 26 11 24 10 22 |
| 12 3 R | 12 1 .73 | 12 29 .36 | 12 27 .12 12 25 .31 11 23 .9 |
| 13 4-23-23 | 13 2-17-37 | 13 30-8-37 | 13 28-2-54 13 26-7-25 12 24-21-49 |
| 14 5 | 14 3 M | 14 1 J | 14 29 14 27 13 25 |
| 15 6 | 15 4 A | 15 2 U | 15 30 15 28 14 26 |
| 16 7 | 16 5 Y | 16 3 L | 16 31 16 29 15 27 |
| 17 8 | 17 6 | 17 4 Y | 17 1 S 17 30 16 28 |
| 18 9 | 18 7 | 18 5 | 18 2 E 18 31 17 29 |
| 19 10 | 19 8 | 19 6 | 19 3 P 19 1 N 18 30 |
| 20 11 | 20 9 | 20 7 | 20 4 T 20 2 O 19 31 |
| 21 12 | 21 10 | 21 8 | 21 5 E 21 3 V 20 1 J |
| 22 13 | 22 11 | 22 9 | 22 6 M 22 4 E 21 2 A |
| 23 14 | 23 12 | 23 10 | 23 7 B 23 5 M 22 3 N |
| 24 15 | 24 13 | 24 11 | 24 8 E 24 6 B 23 4 U |
| 25 16 | 25 14 | 25 12 | 25 9 R 25 7 E 24 5 A |
| 26 17 | 26 15 | 26 13 | 26 10 26 8 R 25 6 R |
| 27 18 .11 | 27 16 .46 | 27 14 .70 | 27 11 .65 27 9 .50 26 7 Y .46 |
| 28 19-2-38 | 28 17-11-14 | 28 15-16-44 | 28 12-15-37 28 10-11-57 27 8-9-33 |
| 29 20 2.65 | 29 18 2.37 | 29 16 2.09 | 29 13 2.10 29 11 2.22 28 9 |
| 30 21 6:11 | 30 19 6:50 | 30 17 7:04 | 30 14 6:08 30 12 5:04 29 10 3.31 |
| V 1 22 +.01 | I 1 20 +.03 | T 1 18 +.04 | E 1 15 H 1 13 -.04 30 11 5:16 |
| E 2 23 | Y 2 21 | A 2 19 | L 2 16 E 2 14 T 1 12 -.08 |
| A 3 24 | A 3 22 | M 3 20 | U 3 17 S 3 15 E 2 13 |
| D 4 25 | R 4 23 | M 4 21 | L 4 18 V 4 16 B 3 14 |
| A 5 26 | 5 24 | U 5 22 | 5 19 A 5 17 E 4 15 |
| R 6 27 | 6 25 | Z 6 23 | 6 20 N 6 18 T 5 16 |
| 7 28 | 7 26 | 7 24 | 7 21 7 19 6 17 |
| 8 29 | 8 27 | 8 25 | 8 22 8 20 7 18 |
| 9 30 | 9 28 | 9 26 | 9 23 9 21 8 19 |
| 10 31 | 10 29 | 10 27 | 10 24 10 22 9 20 |

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| Teb | Jan | Adar | Mar | Iyar | May | Tam | July | Elul | Sept | Hes | Nov |
|-----|----------|------|----------|------|----------|-----|----------|------|----------|-----|---------------|
| 10 | 21 | 10 | 21 | 10 | 19 | 10 | 17 | 10 | 14 | 10 | 12 |
| 11 | 22 | 11 | 22 | 11 | 20 | 11 | 18 | 11 | 15 | 11 | 13 |
| 12 | 23-16-41 | 12 | 23-22-40 | 12 | 21-18-19 | 12 | 19-8-23 | 12 | 16-0-34 | 12 | 14-3-6 |
| 13 | 24 | 13 | 24 | 13 | 22 | 13 | 20 | 13 | 17 | 13 | 15 |
| 14 | 25 | 14 | 25 | 14 | 23 | 14 | 21 | 14 | 18 | 14 | 16 |
| 15 | 26 | 15 | 26 | 15 | 24 | 15 | 22 | 15 | 19 | 15 | 17 |
| 16 | 27 | 16 | 27 | 16 | 25 | 16 | 23 | 16 | 20 | 16 | 18 |
| 17 | 28 | 17 | 28 | 17 | 26 | 17 | 24 | 17 | 21 | 17 | 19 |
| 18 | 29 | 18 | 29 | 18 | 27 | 18 | 25 | 18 | 22 | 18 | 20 |
| 19 | 30 | 19 | 30 | 19 | 28 | 19 | 26 | 19 | 23 | 19 | 21 |
| 20 | 31 | 20 | 31 | 20 | 29 | 20 | 27 | 20 | 24 | 20 | 22 |
| 21 | 1 F | 21 | 1 A | 21 | 30 | 21 | 28 | 21 | 25 | 21 | 23 |
| 22 | 2 E | 22 | 2 P | 22 | 31 | 22 | 29 | 22 | 26 | 22 | 24 |
| 23 | 3 B | 23 | 3 R | 23 | 1 J | 23 | 30 | 23 | 27 | 23 | 25 |
| 24 | 4 R | 24 | 4 I | 24 | 2 U | 24 | 31 | 24 | 28 | 24 | 26 |
| 25 | 5 U | 25 | 5 L | 25 | 3 N | 25 | 1 A | 25 | 29 | 25 | 27 |
| 26 | 6-20-56 | 26 | 6-22-1 | 26 | 4 E | 26 | 2 U | 26 | 30 | 26 | 28 |
| 27 | 7 R | 27 | 7 | 27 | 5-3-28 | 27 | 3-9-45 | 27 | 1-13-19 | 27 | 29-14-2 |
| 28 | 8 Y | 28 | 8 | 28 | 6 | 28 | 4 G | 28 | 2 | 28 | 30 4:59 |
| 29 | 9 5:42 | 29 | 9 6:24 | 29 | 7 7:01 | 29 | 5 U 6:53 | 29 | 3 5:44 | 29 | 1 D |
| S 1 | 10 | N 1 | 10 | S 1 | 8 | A 1 | 6 S | T 1 | 4 O | K 1 | 2 E |
| H 2 | 11 | I 2 | 11 | I 2 | 9 | B 2 | 7 T | I 2 | 5 C | I 2 | 3 C |
| E 3 | 12 | S 3 | 12 | V 3 | 10 | 3 | 8 | S 3 | 6 T | S 3 | 4 E |
| B 4 | 13 | A 4 | 13 | A 4 | 11 | 4 | 9 | R 4 | 7 O | L 4 | 5 M |
| A 5 | 14 | N 5 | 14 | N 5 | 12 | 5 | 10 | I 5 | 8 B | E 5 | 6 B |
| T 6 | 15 | 6 | 15 | 6 | 13 | 6 | 11 | 6 | 9 E | U 6 | 7 E |
| 7 | 16 | 7 | 16 | 7 | 14 | 7 | 12 | 7 | 10 R | 7 | 8 R |
| 8 | 17 | 8 | 17 | 8 | 15 | 8 | 13 | 8 | 11 | 8 | 9 |
| 9 | 18 | 9 | 18 | 9 | 16 | 9 | 14 | 9 | 12 | 9 | 10 |
| 10 | 19 | 10 | 19 | 10 | 17 | 10 | 15 | 10 | 13 | 10 | 11 |
| 11 | 20 | 11 | 20 | 11 | 18 | 11 | 16 | 11 | 14 | 11 | 12 |
| 12 | 21 | 12 | 21 | 12 | 19 | 12 | 17-15-37 | 12 | 15-12-17 | 12 | 13-21-3 |
| 13 | 22-9-7 | 13 | 22-9-33 | 13 | 20-1-39 | 13 | 18 | 13 | 16 | 13 | 14 |
| 14 | 23 | 14 | 23 | 14 | 21 | 14 | 19 | 14 | 17 | 14 | 15 |
| 15 | 24 | 15 | 24 | 15 | 22 | 15 | 20 | 15 | 18 | 15 | 16 |
| 16 | 25 | 16 | 25 | 16 | 23 | 16 | 21 | 16 | 19 | 16 | 17 |
| 17 | 26 | 17 | 26 | 17 | 24 | 17 | 22 | 17 | 20 | 17 | 18 |
| 18 | 27 | 18 | 27 | 18 | 25 | 18 | 23 | 18 | 21 | 18 | 19 |
| 19 | 28 | 19 | 28 | 19 | 26 | 19 | 24 | 19 | 22 | 19 | 20 |
| 20 | 1 M | 20 | 29 | 20 | 27 | 20 | 25 | 20 | 23 | 20 | 21 |
| 21 | 2 A | 21 | 30 | 21 | 28 | 21 | 26 | 21 | 24 | 21 | 22 |
| 22 | 3 R | 22 | 1 M | 22 | 29 | 22 | 27 | 22 | 25 | 22 | 23 |
| 23 | 4 C | 23 | 2 A | 23 | 30 | 23 | 28 | 23 | 26 | 23 | 24 |
| 24 | 5 H | 24 | 3 Y | 24 | 1 J | 24 | 29 | 24 | 27 | 24 | 25 |
| 25 | 6 | 25 | 4 | 25 | 2 U | 25 | 30 | 25 | 28 | 25 | 26 |
| 26 | 7 | 26 | 5 | 26 | 3 L | 26 | 31 | 26 | 29 | 26 | 27 |
| 27 | 8-8-57 | 27 | 6-12-18 | 27 | 4-18-50 | 27 | 1-23-55 | 27 | 30 | 27 | 28 |
| 28 | 9 | 28 | 7 | 28 | 5 | 28 | 2 S | 28 | 31-2-2 | 28 | 29-1-14 |
| 29 | 10 3:38 | 29 | 8 3:27 | 29 | 6 3:01 | 29 | 3 E 2:77 | 29 | 1 2:63 | 29 | 30 2:66 |
| 30 | 11 6:05 | 30 | 9 6:44 | 30 | 7 7:07 | 30 | 4 6:20 | 30 | 2 5:12 | 30 | 31 5:08 - .96 |
| A 1 | 12 | I 1 | 10 | T 1 | 8 | E 1 | 5 T | H 1 | 3 N | T 1 | 1 J |
| D 2 | 13 | Y 2 | 11 | A 2 | 9 | L 2 | 6 E | E 2 | 4 O | E 2 | 2 A |
| A 3 | 14 | A 3 | 12 | M 3 | 10 | U 3 | 7 M | S 3 | 5 V | B 3 | 3 N |
| R 4 | 15 | R 4 | 13 | M 4 | 11 | L 4 | 8 B | V 4 | 6 E | E 4 | 4 U |
| 5 | 16 | 5 | 14 | U 5 | 12 | 5 | 9 E | A 5 | 7 M | T 5 | 5 A |
| 6 | 17 | 6 | 15 | Z 6 | 13 | 6 | 10 R | N 6 | 8 B | 6 | 6 R |
| 7 | 18 | 7 | 16 | 7 | 14 | 7 | 11 | 7 | 9 E | 7 | 7 Y |
| 8 | 19 | 8 | 17 | 8 | 15 | 8 | 12 | 8 | 10 R | 8 | 8 |
| 9 | 20 | 9 | 18 | 9 | 16 | 9 | 13 | 9 | 11 | 9 | 9 |

FULL MOONS

NEW MOONS

FULL MOONS

NEW MOONS

| 1846 | | Ve. | Nis | Siv | Ab | 1846 | | | | | |
|------|----------|------|---------|------|---------|------|----------|------|----------|------|---------|
| Teb | Jan | Adar | Mar | Iyar | May | Tam | July | Elul | Sept | Hes | Nov |
| 10 | 10 | 10 | 10 | 10 | 8 | 10 | 6 | 10 | 3 | 10 | 1 |
| 11 | 11 | 11 | 11 | 11 | 9 | 11 | 7 | 11 | 4 | 11 | 2 |
| 12 | 12-16-43 | 12 | 12 | 12 | 10 | 12 | 8 | 12 | 5-15-37 | 12 | 3-11-32 |
| 13 | 13 | 13 | 13-5-9 | 13 | 11-8-27 | 13 | 9-1-31 | 13 | 6 | 13 | 4 |
| 14 | 14 | 14 | 14 | 14 | 12 | 14 | 10 | 14 | 7 | 14 | 5 |
| 15 | 15 | 15 | 15 | 15 | 13 | 15 | 11 | 15 | 8 | 15 | 6 |
| 16 | 16 | 16 | 16 | 16 | 14 | 16 | 12 | 16 | 9 | 16 | 7 |
| 17 | 17 | 17 | 17 | 17 | 15 | 17 | 13 | 17 | 10 | 17 | 8 |
| 18 | 18 | 18 | 18 | 18 | 16 | 18 | 14 | 18 | 11 | 18 | 9 |
| 19 | 19 | 19 | 19 | 19 | 17 | 19 | 15 | 19 | 12 | 19 | 10 |
| 20 | 20 | 20 | 20 | 20 | 18 | 20 | 16 | 20 | 13 | 20 | 11 |
| 21 | 21 | 21 | 21 | 21 | 19 | 21 | 17 | 21 | 14 | 21 | 12 |
| 22 | 22 | 22 | 22 | 22 | 20 | 22 | 18 | 22 | 15 | 22 | 13 |
| 23 | 23 | 23 | 23 | 23 | 21 | 23 | 19 | 23 | 16 | 23 | 14 |
| 24 | 24 | 24 | 24 | 24 | 22 | 24 | 20 | 24 | 17 | 24 | 15 |
| 25 | 25 | 25 | 25 | 25 | 23 | 25 | 21 | 25 | 18 | 25 | 16 |
| 26 | 26 .49 | 26 | 26 .35 | 26 | 24 .29 | 26 | 22 .43 | 26 | 19 .75 | 26 | 17 |
| 27 | 27-11-44 | 27 | 27-8-11 | 27 | 25-7-5 | 27 | 23-10-23 | 27 | 20-17-54 | 27 | 18 .06 |
| 28 | 28 2.24 | 28 | 28 3.41 | 28 | 26 3.50 | 28 | 24 3.36 | 28 | 21 3.00 | 28 | 19-1-20 |
| 29 | 29 5:32 | 29 | 29 6:16 | 29 | 27 6:54 | 29 | 25 7:00 | 29 | 22 5:58 | 29 | 20 5:00 |
| S 1 | 30 -.02 | N 30 | 30 +.01 | S 30 | 28 +.04 | A 30 | 26 +.04 | T 30 | 23 | K 30 | 21 -.04 |
| H 2 | 31 | V 1 | 31 | I 1 | 29 | T 1 | 27 | E 1 | 24 | H 1 | 22 |
| E 3 | 1 F | B 2 | 1 A | I 2 | 30 | A 2 | 28 | E 2 | 25 | H 2 | 23 |
| B 4 | 2 E | A 3 | 2 P | A 3 | 31 | M 3 | 29 | U 3 | 26 | S 3 | 24 |
| A 5 | 3 B | D 4 | 3 R | R 4 | 1 J | 5 | 30 | L 4 | 27 | V 4 | 25 |
| T 6 | 4 R | A 5 | 4 I | 6 | 2 U | 6 | 31 | 6 | 28 | V 5 | 26 |
| 7 | 5 U | R 6 | 5 L | 7 | 3 N | 7 | 1 A | 7 | 29 | A 6 | 27 |
| 8 | 6 A | 8 | 6 | 8 | 4 E | 8 | 2 U | 8 | 30 | 8 | 28 |
| 9 | 7 R | 9 | 7 | 9 | 5 | 9 | 3 G | 9 | 1 O | 9 | 29 |
| 10 | 8 Y | 10 | 8 | 10 | 6 | 10 | 4 U | 10 | 2 C | 10 | 30 |
| 11 | 9 | 11 | 9 | 11 | 7 | 11 | 5 S | 11 | 3 T | 11 | 1 D |
| 12 | 10 | 12 | 10 | 12 | 8 | 12 | 6 T | 12 | 4 O | 12 | 2 E |
| 13 | 11-11-33 | 13 | 11-20-5 | 13 | 9-17-56 | 13 | 7-8-20 | 13 | 5-0-27 | 13 | 3-1-7 |
| 14 | 12 | 14 | 12 | 14 | 10 | 14 | 8 | 14 | 6 E | 14 | 4 E |
| 15 | 13 | 15 | 13 | 15 | 11 | 15 | 9 | 15 | 7 R | 15 | 5 M |
| 16 | 14 | 16 | 14 | 16 | 12 | 16 | 10 | 16 | 8 | 16 | 6 B |
| 17 | 15 | 17 | 15 | 17 | 13 | 17 | 11 | 17 | 9 | 17 | 7 E |
| 18 | 16 | 18 | 16 | 18 | 14 | 18 | 12 | 18 | 10 | 18 | 8 R |
| 19 | 17 | 19 | 17 | 19 | 15 | 19 | 13 | 19 | 11 | 19 | 9 |
| 20 | 18 | 20 | 18 | 20 | 16 | 20 | 14 | 20 | 12 | 20 | 10 |
| 21 | 19 | 21 | 19 | 21 | 17 | 21 | 15 | 21 | 13 | 21 | 11 |
| 22 | 20 | 22 | 20 | 22 | 18 | 22 | 16 | 22 | 14 | 22 | 12 |
| 23 | 21 | 23 | 21 | 23 | 19 | 23 | 17 | 23 | 15 | 23 | 13 |
| 24 | 22 | 24 | 22 | 24 | 20 | 24 | 18 | 24 | 16 | 24 | 14 |
| 25 | 23 | 25 | 23 | 25 | 21 | 25 | 19 | 25 | 17 | 25 | 15 |
| 26 | 24 .91 | 26 | 24 .79 | 26 | 22 .84 | 26 | 20 | 26 | 18 | 26 | 16 |
| 27 | 25-21-52 | 27 | 25-19-9 | 27 | 23-20-8 | 27 | 21 .07 | 27 | 19 .42 | 27 | 17 .62 |
| 28 | 26 | 28 | 26 | 28 | 24 | 28 | 22-1-46 | 28 | 20 -10-4 | 28 | 18-15-3 |
| 29 | 27 2.84 | 29 | 27 2.99 | 29 | 25 2.96 | 29 | 23 2.71 | 29 | 21 2.00 | 29 | 19 2.09 |
| 30 | 28 5:57 | 29 | 28 6:36 | 29 | 26 7:07 | 29 | 24 6:34 | 29 | 22 5:22 | 29 | 20 5:02 |
| A 1 | 1 M | N 1 | 29 +.03 | S 1 | 27 +.05 | A 1 | 25 +.03 | T 1 | 23 -.03 | R 1 | 21 -.04 |
| D 2 | 2 A | V 2 | 30 | A 2 | 28 | B 2 | 26 | E 2 | 24 | T 2 | 22 |
| A 3 | 3 R | S 3 | 1 M | V 3 | 29 | U 3 | 27 | S 3 | 25 | S 3 | 23 |
| R 4 | 4 C | A 4 | 2 A | A 4 | 30 | L 4 | 28 | R 4 | 26 | E 4 | 24 |
| 5 | 5 H | S 5 | 3 Y | N 5 | 1 J | 5 | 29 | A 5 | 27 | E 5 | 25 |
| 6 | 6 | 6 | 4 | Z 6 | 2 U | 6 | 30 | N 6 | 28 | U 6 | 26 |
| 7 | 7 | 7 | 5 | 7 | 3 | 7 | 31 | 7 | 29 | 7 | 27 |
| 8 | 8 | 8 | 6 | 8 | 4 | 8 | 1 S | 8 | 30 | 8 | 28 |
| 9 | 9 | 9 | 7 | 9 | 5 | 9 | 2 E | 9 | 31 | 9 | 29 |

K's 1847

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| Feb | Dec | Adar | Feb | Nis | April | Siv | June | Ab | Aug | Tis | Oct | |
|-----|-----------|------|-----------|-----|-----------|-----|-----------|----|-----------|-----|-----------|------------|
| 10 | 30 | 10 | 27 | 10 | 27 | 10 | 25 | 10 | 23 | 10 | 21 | |
| 11 | 31 | 11 | 28 | 11 | 28 | 11 | 26 | 11 | 24 | 11 | 22 | |
| 12 | 1-17-3 | 12 | 1 M | 12 | 29 E m | 12 | 27 | 12 | 25 | 12 | 23 | |
| 13 | 2 J | 13 | 2-5-29 | 13 | 30-15-46 | 13 | 28-15-41 | 13 | 26-8-30 | 13 | 24-1-56 | FULL MOONS |
| 14 | 3 A | 14 | 3 R | 14 | 1 M | 14 | 29 | 14 | 27 | 14 | 25 | |
| 15 | 4 N | 15 | 4 C | 15 | 2 A | 15 | 30 | 15 | 28 | 15 | 26 | |
| 16 | 5 U | 16 | 5 H | 16 | 3 Y | 16 | 1 J | 16 | 29 | 16 | 27 | |
| 17 | 6 A | 17 | 6 | 17 | 4 | 17 | 2 U | 17 | 30 | 17 | 28 | |
| 18 | 7 R | 18 | 7 | 18 | 5 | 18 | 3 L | 18 | 31 | 18 | 29 | |
| 19 | 8 Y | 19 | 8 | 19 | 6 | 19 | 4 Y | 19 | 1 S | 19 | 30 | |
| 20 | 9 | 20 | 9 | 20 | 7 | 20 | 5 | 20 | 2 E | 20 | 31 | |
| 21 | 10 | 21 | 10 | 21 | 8 | 21 | 6 | 21 | 3 P | 21 | 1 N | |
| 22 | 11 | 22 | 11 | 22 | 9 | 22 | 7 | 22 | 4 T | 22 | 2 O | |
| 23 | 12 | 23 | 12 | 23 | 10 | 23 | 8 | 23 | 5 E | 23 | 3 V | |
| 24 | 13 | 24 | 13 | 24 | 11 | 24 | 9 | 24 | 6 M | 24 | 4 E | |
| 25 | 14 | 25 | 14 | 25 | 12 | 25 | 10 | 25 | 7 B | 25 | 5 M | |
| 26 | 15 | 26 | 15 .98 | 26 | 13 .77 | 26 | 11 .58 | 26 | 8 E .76 | 26 | 6 B | |
| 27 | 16 | 27 | 16-23-31 | 27 | 14-17-44 | 27 | 12-13-58 | 27 | 9-18-8 | 27 | 7 E .28 | NEW MOONS |
| 28 | 17-3-5 | 28 | 17 | 28 | 15 | 28 | 13 | 28 | 10 | 28 | 8-5-31 | NEW MOONS |
| 29 | 18 5:22 | 29 | 18 2.77 | 29 | 16 3.04 | 29 | 14 3.22 | 29 | 11 3.01 | 29 | 9 2.48 | |
| S3D | 19 -.03 | 30 | 19 6:10 | 30 | 17 6:49 | 30 | 15 7:05 | 30 | 12 6:10 | 30 | 10 5:06 | |
| T | 20 | 1 | 20 | I | 1 18 +.03 | T | 1 16 +.05 | E | 1 13 +.01 | H | 1 11 -.07 | |
| B | 21 | 2 | 21 | Y | 2 19 | A | 2 17 | L | 2 14 | E | 2 12 | |
| B | 22 | A | 3 22 | A | 3 20 | M | 3 18 | U | 3 15 | S | 3 13 | |
| B | 23 | D | 4 23 | R | 4 21 | M | 4 19 | L | 4 16 | V | 4 14 | |
| T | 24 | A | 5 24 | 5 | 22 | U | 5 20 | 5 | 17 | A | 5 15 | |
| 7 | 25 | R | 6 25 | 6 | 23 | Z | 6 21 | 6 | 18 | N | 6 16 | |
| 8 | 26 | 7 | 26 | 7 | 24 | 7 | 22 | 7 | 19 | 7 | 17 | |
| 9 | 27 | 8 | 27 | 8 | 25 | 8 | 23 | 8 | 20 | 8 | 18 | |
| 10 | 28 | 9 | 28 | 9 | 26 | 9 | 24 | 9 | 21 | 9 | 19 | |
| 11 | 29 | 10 | 29 | 10 | 27 | 10 | 25 | 10 | 22 | 10 | 20 | |
| 12 | 30 | 11 | 30 | 11 | 28 | 11 | 26 | 11 | 23 | 11 | 21 | |
| 13 | 31-10-49 | 12 | 31-23-37 | 12 | 29 | 12 | 27 | 12 | 24-16-46 | 12 | 22-12-25 | FULL MOONS |
| 14 | 1 F | 13 | 1 A | 13 | 30-5-6 | 13 | 28-0-29 | 13 | 25 | 13 | 23 | |
| 15 | 2 E | 14 | 2 P | 14 | 31 | 14 | 29 | 14 | 26 | 14 | 24 | |
| 16 | 3 B | 15 | 3 R | 15 | 1 J | 15 | 30 | 15 | 27 | 15 | 25 | |
| 17 | 4 R | 16 | 4 I | 16 | 2 U | 16 | 31 | 16 | 28 | 16 | 26 | |
| 18 | 5 U | 17 | 5 L | 17 | 3 N | 17 | 1 A | 17 | 29 | 17 | 27 | |
| 19 | 6 A | 18 | 6 | 18 | 4 E | 18 | 2 U | 18 | 30 | 18 | 28 | |
| 20 | 7 R | 19 | 7 | 19 | 5 | 19 | 3 G | 19 | 1 O | 19 | 29 | |
| 21 | 8 Y | 20 | 8 | 20 | 6 | 20 | 4 U | 20 | 2 C | 20 | 30 | |
| 22 | 9 | 21 | 9 | 21 | 7 | 21 | 5 S | 21 | 3 T | 21 | 1 D | |
| 23 | 10 | 22 | 10 | 22 | 8 | 22 | 6 T | 22 | 4 O | 22 | 2 E | |
| 24 | 11 | 23 | 11 | 23 | 9 | 23 | 7 | 23 | 5 B | 23 | 3 C | |
| 25 | 12 | 24 | 12 | 24 | 10 | 24 | 8 | 24 | 6 E | 24 | 4 E | |
| 26 | 13 | 25 | 13 | 25 | 11 | 25 | 9 | 25 | 7 R | 25 | 5 M | |
| 27 | 14 .57 | 26 | 14 .36 | 26 | 12 .13 | 26 | 10 .12 | 26 | 8 .48 | 26 | 6 B .95 | |
| 28 | 15-13-46 | 27 | 15-8-42 | 27 | 13-3-13 | 27 | 11-2-49 | 27 | 9-11-27 | 27 | 7-22-51 | |
| 29 | 16 2.17 | 28 | 16 2.71 | 28 | 14 2.67 | 28 | 12 2.66 | 28 | 10 2.25 | 28 | 8 R 1.76 | |
| 29 | 17 5:49 | 29 | 17 6:29 | 29 | 15 7:05 | 29 | 13 6:46 | 29 | 11 5:35 | 29 | 9 5:00 | |
| S | 1 18 -.01 | N | 1 18 +.02 | S | 1 16 +.05 | A | 1 14 +.03 | T | 1 12 -.02 | K | 1 10 -.04 | |
| H | 2 19 | I | 2 19 | I | 2 17 | B | 2 15 | I | 2 13 | I | 2 11 | |
| B | 3 20 | S | 3 20 | V | 3 18 | 3 | 16 | S | 3 14 | S | 3 12 | |
| B | 4 21 | A | 4 21 | A | 4 19 | 4 | 17 | R | 4 15 | L | 4 13 | |
| A | 5 22 | N | 5 22 | N | 5 20 | 5 | 18 | I | 5 16 | E | 5 14 | |
| T | 6 23 | 6 | 23 | 6 | 21 | 6 | 19 | 6 | 17 | U | 6 15 | |
| 7 | 24 | 7 | 24 | 7 | 22 | 7 | 20 | 7 | 18 | 7 | 16 | |
| 8 | 25 | 8 | 25 | 8 | 23 | 8 | 21 | 8 | 19 | 8 | 17 | |
| 9 | 26 | 9 | 26 | 9 | 24 | 9 | 22 | 9 | 20 | 9 | 18 | |

| 1848 | | | | 1848 | | | | | | | | |
|------|----------|-----|----------|-----------|-----------------|-----|----------|-----|----------|-----|----------|------------|
| Kis | Dec | She | Feb | Nis | Apr | Siv | June | Ab | Aug | Tis | Oct | |
| 10 | 19 | 10 | 16 | 10 | 15 | 10 | 13 | 10 | 11 | 10 | 9 | |
| 11 | 20 | 11 | 17 | 11 | 16 | 11 | 14 | 11 | 12 | 11 | 10 | |
| 12 | 21 | 12 | 18 | 12 | 17 | 12 | 15 | 12 | 13 | 12 | 11 | |
| 13 | 22-0-29 | 13 | 19-6-18 | 13 | 18-16-52 | 13 | 16-23-19 | 13 | 14-22-37 | 13 | 12-18-16 | FULL MOONS |
| 14 | 23 | 14 | 20 | 14 | 19 | 14 | 17 | 14 | 15 | 14 | 13 | |
| 15 | 24 | 15 | 21 | 15 | 20 | 15 | 18 | 15 | 16 | 15 | 14 | |
| 16 | 25 | 16 | 22 | 16 | 21 | 16 | 19 | 16 | 17 | 16 | 15 | |
| 17 | 26 | 17 | 23 | 17 | 22 | 17 | 20 | 17 | 18 | 17 | 16 | |
| 18 | 27 | 18 | 24 | 18 | 23 | 18 | 21 | 18 | 19 | 18 | 17 | |
| 19 | 28 | 19 | 25 | 19 | 24 | 19 | 22 | 19 | 20 | 19 | 18 | |
| 20 | 29 | 20 | 26 | 20 | 25 | 20 | 23 | 20 | 21 | 20 | 19 | |
| 21 | 30 | 21 | 27 | 21 | 26 | 21 | 24 | 21 | 22 | 21 | 20 | |
| 22 | 31 | 22 | 28 | 22 | 27 | 22 | 25 | 22 | 23 | 22 | 21 | |
| 23 | 1 J | 23 | 29 | 23 | 28 | 23 | 26 | 23 | 24 | 23 | 22 | |
| 24 | 2 A | 24 | 31 M | 24 | 29 | 24 | 27 | 24 | 25 | 24 | 23 | |
| 25 | 3 N | 25 | 2 A | 25 | 30 | 25 | 28 | 25 | 26 | 25 | 24 | |
| 26 | 4 U | 26 | 3 R | 26 | 1 M | 26 | 29 | 26 | 27 | 26 | 25 | |
| 27 | 5 A | 27 | 4 | 27 | 2 A | 27 | 30 | 27 | 28-21-22 | 27 | 26 | |
| 28 | 6-14-28 | 28 | 5-15-38 | 28 | 3-9-35 | 28 | 1-0-39 | 28 | 29 | 28 | 27-5-7 | |
| 29 | 7 Y | 29 | 6 | 29 | 4 | 29 | 2 | 29 | 30 | 29 | 28 | |
| 30 | 8 5:14 | 30 | 7 6:03 | 30 | 5 6:41 | 30 | 3 7:07 | 30 | 31 6:26 | 30 | 29 5:15 | |
| T 1 | 9 | A 1 | 8 | I 1 | 6 | T 1 | 4 J | E 1 | 1 S | H 1 | 30 | |
| E 2 | 10 | D 2 | 9 | Y 2 | 7 | A 2 | 5 U | L 2 | 2 E | E 2 | 31 | |
| B 3 | 11 | A 3 | 10 | A 3 | 8 | M 3 | 6 L | U 3 | 3 P | S 3 | 1 N | |
| E 4 | 12 | R 4 | 11 | R 4 | 9 | M 4 | 7 Y | L 4 | 4 T | V 4 | 2 O | |
| T 5 | 13 | 5 | 12 | 5 | 10 | U 5 | 8 | 5 | 5 E | A 5 | 3 V | |
| 6 | 14 | 6 | 13 | 6 | 11 | Z 6 | 9 | 6 | 6 M | N 6 | 4 E | |
| 7 | 15 | 7 | 14 | 7 | 12 | 7 | 10 | 7 | 7 B | 7 | 5 M | |
| 8 | 16 | 8 | 15 | 8 | 13 | 8 | 11 | 8 | 8 E | 8 | 6 B | |
| 9 | 17 | 9 | 16 | 9 | 14 | 9 | 12 | 9 | 9 R | 9 | 7 E | |
| 10 | 18 | 10 | 17 | 10 | 15 | 10 | 13 | 10 | 10 | 10 | 8 R | |
| 11 | 19 | 11 | 18 | 11 | 16 | 11 | 14 | 11 | 11 | 11 | 9 | |
| 12 | 20-14-25 | 12 | 19-23-31 | 12 | 17 | 12 | 15 | 12 | 12 | 12 | 10 | |
| 13 | 21 | 13 | 20 | 13 | 18-9-2 | 13 | 16-11-41 | 13 | 13-8-39 | 13 | 11-3-56 | |
| 14 | 22 | 14 | 21 | 14 | 19 | 14 | 17 | 14 | 14 | 14 | 12 | |
| 15 | 23 | 15 | 22 | 15 | 20 | 15 | 18 | 15 | 15 | 15 | 13 | |
| 16 | 24 | 16 | 23 | 16 | 21 | 16 | 19 | 16 | 16 | 16 | 14 | |
| 17 | 25 | 17 | 24 | 17 | 22 | 17 | 20 | 17 | 17 | 17 | 15 | |
| 18 | 26 | 18 | 25 | 18 | 23 | 18 | 21 | 18 | 18 | 18 | 16 | |
| 19 | 27 | 19 | 26 | 19 | 24 | 19 | 22 | 19 | 19 | 19 | 17 | |
| 20 | 28 | 20 | 27 | 20 | 25 | 20 | 23 | 20 | 20 | 20 | 18 | |
| 21 | 29 | 21 | 28 | 21 | 26 | 21 | 24 | 21 | 21 | 21 | 19 | |
| 22 | 30 | 22 | 29 | 22 | 27 | 22 | 25 | 22 | 22 | 22 | 20 | |
| 23 | 31 | 23 | 30 | 23 | 28 | 23 | 26 | 23 | 23 | 23 | 21 | |
| 24 | 1 F | 24 | 31 | 24 | 29 | 24 | 27 | 24 | 24 | 24 | 22 | |
| 25 | 2 E | 25 | 1 A | 25 | 30 | 25 | 28 | 25 | 25 | 25 | 23 | |
| 26 | 3 B | 26 | 2 P | 26 | 31 | 26 | 29 | 26 | 26 | 26 | 24 | |
| 27 | 4 R | 27 | 3 R | 27 | 1-17-0 | 27 | 30-9-46 | 27 | 27-11-56 | 27 | 25-23-50 | |
| 28 | 5-4-3 | 28 | 4-1-22 | 28 | 2 | 28 | 31 | 28 | 28 | 28 | 26 | |
| 29 | 6 5:40 | 29 | 5 6:21 | 29 | 3 6:58 | 29 | 1 6:56 | 29 | 29 5:49 | 29 | 27 4:58 | |
| S 1 | 7 | N 1 | 6 | S 1 | 4 | A 1 | 2 A | T 1 | 30 | K 1 | 28 | |
| H 2 | 8 | I 2 | 7 | I 2 | 5 | B 2 | 3 U | I 2 | 1 O | I 2 | 29 | |
| E 3 | 9 | S 3 | 8 | V 3 | 6 | 3 | 4 G | S 3 | 2 C | S 3 | 30 | |
| B 4 | 10 | A 4 | 9 | A 4 | 7 | 4 | 5 U | R 4 | 3 T | L 4 | 1 D | |
| A 5 | 11 | N 5 | 10 | N 5 | 8 | 5 | 6 S | I 5 | 4 O | E 5 | 2 E | |
| T 6 | 12 | 6 | 11 | 6 | 9 | 6 | 7 T | 6 | 5 | U 6 | 3 C | |
| 7 | 13 | 7 | 12 | 7 | 10 | 7 | 8 | 7 | 6 | 7 | 4 E | |
| 8 | 14 | 8 | 13 | 8 | 11 | 8 | 9 | 8 | 7 | 8 | 5 M | |
| 9 | 15 | 9 | 14 | 9 | 12 | 9 | 10 | 9 | 8 | 9 | 6 | |

1849 1849

| Kis Dec | She Feb | Ve April | Iyar June | Tam July | Elul Sept |
|-----------------|----------------|-----------------|-------------|----------------|-------------|
| 10 7 | 10 4 | 9 4 | 9 2 | 9 31 | 9 28 |
| 11 8 | 11 5 | 10 5 | 10 3 | 10 1 A | 10 29 |
| 12 9 | 12 6 | 11 6 | 11 4 | 11 2 U | 11 30 |
| 13 10-14-4 | 13 7-13-36 | 12 7-18-0 | 12 5 | 12 3 G | 12 1 0 |
| 14 11 | 14 8 | 13 8 | 13 6-0-47 | 13 4-6-13 | 13 2-7-54 |
| 15 12 | 15 9 | 14 9 | 14 7 | 14 5 | 14 3 0 |
| 16 13 | 16 10 | 15 10 | 15 8 | 15 6 | 15 4 C |
| 17 14 | 17 11 | 16 11 | 16 9 | 16 7 | 16 5 T |
| 18 15 | 18 12 | 17 12 | 17 10 | 17 8 | 17 6 0 |
| 19 16 | 19 13 | 18 13 | 18 11 | 18 9 | 18 7 B |
| 20 17 | 20 14 | 19 14 | 19 12 | 19 10 | 19 8 E |
| 21 18 | 21 15 | 20 15 | 20 13 | 20 11 | 20 9 R |
| 22 19 | 22 16 | 21 16 | 21 14 | 21 12 | 21 10 |
| 23 20 | 23 17 | 22 17 | 22 15 | 22 13 | 22 11 |
| 24 21 | 24 18 | 23 18 | 23 16 | 23 14 | 23 12 |
| 25 22 | 25 19 | 24 19 | 24 17 | 24 15 | 24 13 |
| 26 23 | 26 20 | 25 20 | 25 18 | 25 16 | 25 14 |
| 27 24 .78 | 27 21 | 26 21 | 26 19 .69 | 26 17 .33 | 26 15 .31 |
| 28 25-18-42 | 28 22 .16 | 27 22 .09 | 27 20-16-40 | 27 18-7-53 .36 | 27 16-7-34 |
| 29 26 .93 | 29 23-3-50 | 28 23-2-15 .16a | 28 21 2.11 | 28 19-23-36 .1 | 28 17 2.42 |
| 30 27 5:05 | 30 24 5:54 .59 | 29 24 6:33 .16a | 29 22 7:07 | 29 20 6:38 | 29 18 5:26 |
| T 1 28 -.04 | A 1 25 | N 1 25 +.02 | S 1 23 +.05 | A 1 21 +.03 | T 1 19 -.02 |
| E 2 29 | D 2 26 | I 2 26 | I 2 24 | B 2 22 | I 2 20 |
| B 3 30 | A 3 27 | S 3 27 | V 3 25 | 3 23 | S 3 21 |
| E 4 31 | R 4 28 | A 4 28 | A 4 26 | 4 24 | R 4 22 |
| T 5 1 J | 5 21 M | N 5 29 | N 5 27 | 5 25 | I 5 23 |
| 6 2 A | 6 22 A | 6 30 | 6 28 | 6 26 | 6 24 |
| 7 3 N | 7 3 R | 7 1 M | 7 29 | 7 27 | 7 25 |
| 8 4 U | 8 4 C | 8 2 A | 8 30 | 8 28 | 8 26 |
| 9 5 A | 9 5 H | 9 3 Y | 9 1 J | 9 29 | 9 27 |
| 10 6 R | 10 6 | 10 4 | 10 2 U | 10 30 | 10 28 |
| 11 7 Y | 11 7 | 11 5 | 11 3 L | 11 31 | 11 29 |
| 12 8 | 12 8 | 12 6 Em | 12 4 Y | 12 1 S | 12 30 |
| 13 9-1-11 | 13 9-3-23 | 13 7-9-27 | 13 5-15-49 | 13 2-19-38 | 13 31-19-7 |
| 14 10 | 14 10 | 14 8 | 14 6 | 14 3 S | 14 1 N |
| 15 11 | 15 11 | 15 9 | 15 7 | 15 4 E | 15 2 0 |
| 16 12 | 16 12 | 16 10 | 16 8 | 16 5 P | 16 3 V |
| 17 13 | 17 13 | 17 11 | 17 9 | 17 6 T | 17 4 E |
| 18 14 | 18 14 | 18 12 | 18 10 | 18 7 E | 18 5 M |
| 19 15 | 19 15 | 19 13 | 19 11 | 19 8 M | 19 6 B |
| 20 16 | 20 16 | 20 14 | 20 12 | 20 9 B | 20 7 E |
| 21 17 | 21 17 | 21 15 | 21 13 | 21 10 E | 21 8 R |
| 22 18 | 22 18 | 22 16 | 22 14 | 22 11 R | 22 9 |
| 23 19 | 23 19 | 23 17 | 23 15 | 23 12 | 23 10 |
| 24 20 | 24 20 | 24 18 | 24 16 | 24 13 | 24 11 |
| 25 21 | 25 21 | 25 19 | 25 17 | 25 14 | 25 12 |
| 26 22 | 26 22 | 26 20 | 26 18 .98 | 26 15 .76 | 26 13 .98 |
| 27 23 .52 | 27 23 .68 | 27 21 .41 | 27 19-23-36 | 27 16-18-22 | 27 14-23-34 |
| 28 24-12-24 | 28 24-16-26 | 28 22-9-57 | 28 20 | 28 17 | 28 15 |
| 29 25 5:28 .121 | 29 25 2.08 | 29 23 2.37 | 29 21 2.82 | 29 18 2.99 | 29 16 1.73 |
| S 1 26 -.02 | 30 26 6:14 | 30 24 6:53 | 30 22 7:02 | 30 19 6:02 | 30 17 5:02 |
| H 2 27 | V 1 27 +.01 | I 1 25 +.03 | T 1 23 +.05 | E 1 20 | H 1 18 -.04 |
| E 3 28 | E 2 28 | Y 2 26 | A 2 24 | L 2 21 | E 2 19 |
| B 4 29 | A 3 29 | A 3 27 | M 3 25 | U 3 22 | S 3 20 |
| A 5 30 | D 4 30 | R 4 28 | M 4 26 | L 4 23 | V 4 21 |
| T 6 31 | A 5 31 | 5 29 | U 5 27 | 5 24 | A 5 22 |
| 7 1 F | R 6 1 A | 6 30 | Z 6 28 | 6 25 | N 6 23 |
| 8 2 E | 7 2 P | 7 31 | 7 29 | 7 26 | 7 24 |
| 9 3 B | 8 3 R | 8 1 J | 8 30 | 8 27 | 8 25 |
| | I | U | | | |
| | L | N | | | |

| 1849 | | 1850 | | 1850 | | 1850 | | 1850 | | 1850 | |
|------|----------|------|----------|------|----------|------|----------|------|----------|------|---------|
| Hes | Nov | Feb | Jan | Adar | Mar | Iyar | May | Tam | July | Elul | Sept |
| 9 | 26 | 9 | 24 | 9 | 24 | 9 | 22 | 9 | 20 | 9 | 17 |
| 10 | 27 | 10 | 25 | 10 | 25 | 10 | 23 | 10 | 21 | 10 | 18 |
| 11 | 28 | 11 | 26 | 11 | 26 | 11 | 24 | 11 | 22 | 11 | 19 |
| 12 | 29 | 12 | 27 | 12 | 27 | 12 | 25 | 12 | 23 | 12 | 20 |
| 13 | 30-5-46 | 13 | 28-3-2 | 13 | 28-1-47 | 13 | 26-2-28 | 13 | 24-7-44 | 13 | 21-15-1 |
| 14 | 1 D | 14 | 29 | 14 | 29 | 14 | 27 | 14 | 25 | 14 | 22 |
| 15 | 2 E | 15 | 30 | 15 | 30 | 15 | 28 | 15 | 26 | 15 | 23 |
| 16 | 3 C | 16 | 31 | 16 | 31 | 16 | 29 | 16 | 27 | 16 | 24 |
| 17 | 4 E | 17 | 1 F | 17 | 1 A | 17 | 30 | 17 | 28 | 17 | 25 |
| 18 | 5 M | 18 | 2 E | 18 | 2 P | 18 | 31 | 18 | 29 | 18 | 26 |
| 19 | 6 B | 19 | 3 B | 19 | 3 R | 19 | 1 J | 19 | 30 | 19 | 27 |
| 20 | 7 E | 20 | 4 R | 20 | 4 I | 20 | 2 U | 20 | 31 | 20 | 28 |
| 21 | 8 R | 21 | 5 U | 21 | 5 L | 21 | 3 N | 21 | 1 A | 21 | 29 |
| 22 | 9 | 22 | 6 A | 22 | 6 | 22 | 4 E | 22 | 2 U | 22 | 30 |
| 23 | 10 | 23 | 7 R | 23 | 7 | 23 | 5 | 23 | 3 G | 23 | 1 O |
| 24 | 11 | 24 | 8 Y | 24 | 8 | 24 | 6 | 24 | 4 U | 24 | 2 C |
| 25 | 12 | 25 | 9 | 25 | 9 | 25 | 7 | 25 | 5 S | 25 | 3 T |
| 26 | 13 | 26 | 10 | 26 | 10 | 26 | 8 | 26 | 6 T | 26 | 4 O |
| 27 | 14-17-58 | 27 | 11 | 27 | 11 | 27 | 9 | 27 | 7-23-54 | 27 | 5-17-16 |
| 28 | 15 1.97 | 28 | 12-8-50 | 28 | 12-15-7 | 28 | 10-9-40 | 28 | 8 1.79 | 28 | 6 |
| 29 | 16 5:00 | 29 | 13 5:45 | 29 | 13 6:26 | 29 | 11 6:45 | 29 | 9 6:50 | 29 | 7 5:40 |
| K 1 | 17 .04 | SS 1 | 14 .01 | N 1 | 14 +.02 | S 1 | 12 +.03 | A 1 | 10 +.03 | T 1 | 8 |
| I 2 | 18 | H 2 | 15 | I 2 | 15 | I 2 | 13 | B 2 | 11 | I 2 | 9 |
| S 3 | 19 | E 3 | 16 | S 3 | 16 | V 3 | 14 | 3 | 12 | S 3 | 10 |
| L 4 | 20 | B 4 | 17 | A 4 | 17 | A 4 | 15 | 4 | 13 | R 4 | 11 |
| E 5 | 21 | A 5 | 18 | N 5 | 18 | N 5 | 16 | 5 | 14 | I 5 | 12 |
| U 6 | 22 | T 6 | 19 | 6 | 19 | 6 | 17 | 6 | 15 | 6 | 13 |
| 7 | 23 | 7 | 20 | 7 | 20 | 7 | 18 | 7 | 16 | 7 | 14 |
| 8 | 24 | 8 | 21 | 8 | 21 | 8 | 19 | 8 | 17 | 8 | 15 |
| 9 | 25 | 9 | 22 | 9 | 22 | 9 | 20 | 9 | 18 | 9 | 16 |
| 10 | 26 | 10 | 23 | 10 | 23 | 10 | 21 | 10 | 19 | 10 | 17 |
| 11 | 27 | 11 | 24 | 11 | 24 | 11 | 22 | 11 | 20 | 11 | 18 |
| 12 | 28 | 12 | 25 | 12 | 25 | 12 | 23 | 12 | 21 | 12 | 19 |
| 13 | 29-16-21 | 13 | 26-14-21 | 13 | 26-13-41 | 13 | 24-16-31 | 13 | 22-23-32 | 13 | 20 |
| 14 | 30 | 14 | 27 | 14 | 27 | 14 | 25 | 14 | 23 | 14 | 21-5-32 |
| 15 | 31 | 15 | 28 | 15 | 28 | 15 | 26 | 15 | 24 | 15 | 22 |
| 1850 | 16 1 J | 16 | 1 M | 16 | 29 | 16 | 27 | 16 | 25 | 16 | 23 |
| 17 | 2 A | 17 | 2 A | 17 | 30 | 17 | 28 | 17 | 26 | 17 | 24 |
| 18 | 3 N | 18 | 3 R | 18 | 1 M | 18 | 29 | 18 | 27 | 18 | 25 |
| 19 | 4 U | 19 | 4 C | 19 | 2 A | 19 | 30 | 19 | 28 | 19 | 26 |
| 20 | 5 A | 20 | 5 H | 20 | 3 Y | 20 | 1 J | 20 | 29 | 20 | 27 |
| 21 | 6 R | 21 | 6 | 21 | 4 | 21 | 2 U | 21 | 30 | 21 | 28 |
| 22 | 7 Y | 22 | 7 | 22 | 5 | 22 | 3 L | 22 | 31 | 22 | 29 |
| 23 | 8 | 23 | 8 | 23 | 6 | 23 | 4 Y | 23 | 1 S | 23 | 30 |
| 24 | 9 | 24 | 9 | 24 | 7 | 24 | 5 | 24 | 2 E | 24 | 31 |
| 25 | 10 | 25 | 10 | 25 | 8 | 25 | 6 | 25 | 3 P | 25 | 1 N |
| 26 | 11 | 26 | 11 | 26 | 9 | 26 | 7 | 26 | 4 T | 26 | 2 O |
| 27 | 12 | 27 | 12 | 27 | 10 | 27 | 8 | 27 | 5 E | 27 | 3 V |
| 28 | 13-13-40 | 28 | 13 | 28 | 11 | 28 | 9-16-48 | 28 | 6 -7-49 | 28 | 4-4-1 |
| 29 | 14 2.15 | 29 | 14-1-38 | 29 | 12-1-30 | 29 | 10 2.10 | 29 | 7 | 29 | 5 |
| 30 | 15 5:20 | 30 | 15 6:08 | 30 | 13 6:46 | 30 | 11 7:06 | 30 | 8 6:15 | 30 | 6 5:09 |
| T 1 | 16 -.03 | A 1 | 16 | I 1 | 14 +.03 | T 1 | 12 +.05 | E 1 | 9 | H 1 | 7 |
| E 2 | 17 | D 2 | 17 | Y 2 | 15 | A 2 | 13 | L 2 | 10 | E 2 | 8 |
| B 3 | 18 | A 3 | 18 | A 3 | 16 | M 3 | 14 | U 3 | 11 | S 3 | 9 |
| E 4 | 19 | R 4 | 19 | R 4 | 17 | M 4 | 15 | L 4 | 12 | V 4 | 10 |
| T 5 | 20 | 5 | 20 | 5 | 18 | U 5 | 16 | 5 | 13 | A 5 | 11 |
| 6 | 21 | 6 | 21 | 6 | 19 | Z 6 | 17 | 6 | 14 | N 6 | 12 |
| 7 | 22 | 7 | 22 | 7 | 20 | 7 | 18 | 7 | 15 | 7 | 13 |
| 8 | 23 | 8 | 23 | 8 | 21 | 8 | 19 | 8 | 16 | 8 | 14 |

FULL MOONS

| 1850 | | 1851 | | 1850-51. | | 1851-52. | | CYCLE YEAR 19 | | -- 355 days | | Page 20 | |
|------|----------|------|---------|----------|----------|----------|----------|---------------|---------|-------------|----------|------------|--|
| Hes | Nov | Teb | Jan | Adar | Mar | Iyar | May | Tam | July | Elul | Sept | | |
| 9 | 15 | 8 | 13 | 8 | 13 | 8 | 11 | 8 | 9 | 8 | 6 | | |
| 10 | 16 | 9 | 14 | 9 | 14 | 9 | 12 | 9 | 10 | 9 | 7 | | |
| 11 | 17 | 10 | 15 | 10 | 15 | 10 | 13 | 10 | 11 | 10 | 8 | | |
| 12 | 18 | 11 | 16 | 11 | 16 | 11 | 14 | 11 | 12 | 11 | 9 | | |
| 13 | 19-18-55 | 12 | 17-19-3 | 12 | 17-15-39 | 12 | 15-10-26 | 12 | 13-9-35 | 12 | 10-16-4 | FULL MOONS | |
| 14 | 20 | 13 | 18 | 13 | 18 | 13 | 16 | 13 | 14 | 13 | 11 | | |
| 15 | 21 | 14 | 19 | 14 | 19 | 14 | 17 | 14 | 15 | 14 | 12 | | |
| 16 | 22 | 15 | 20 | 15 | 20 | 15 | 18 | 15 | 16 | 15 | 13 | | |
| 17 | 23 | 16 | 21 | 16 | 21 | 16 | 19 | 16 | 17 | 16 | 14 | | |
| 18 | 24 | 17 | 22 | 17 | 22 | 17 | 20 | 17 | 18 | 17 | 15 | | |
| 19 | 25 | 18 | 23 | 18 | 23 | 18 | 21 | 18 | 19 | 18 | 16 | | |
| 20 | 26 | 19 | 24 | 19 | 24 | 19 | 22 | 19 | 20 | 19 | 17 | | |
| 21 | 27 | 20 | 25 | 20 | 25 | 20 | 23 | 20 | 21 | 20 | 18 | | |
| 22 | 28 | 21 | 26 | 21 | 26 | 21 | 24 | 21 | 22 | 21 | 19 | | |
| 23 | 29 | 22 | 27 | 22 | 27 | 22 | 25 | 22 | 23 | 22 | 20 | | |
| 24 | 30 | 23 | 28 | 23 | 28 | 23 | 26 | 23 | 24 | 23 | 21 | | |
| 25 | 1 D | 24 | 29 | 24 | 29 | 24 | 27 | 24 | 25 | 24 | 22 | | |
| 26 | 2 E | 25 | 30 | 25 | 30 | 25 | 28 | 25 | 26 | 25 | 23 | | |
| 27 | 3-19-37 | 26 | 31 | 26 | 31 | 26 | 29 | 26 | 27 | 26 | 24 | | |
| 28 | 4 E | 27 | 1-8-23 | 27 | 1-20-53 | 27 | 30-23-7 | 27 | 28-17-1 | 27 | 25-8-32 | NEW MOONS | |
| 29 | 5 M | 28 | 2 | 28 | 2 | 28 | 31 | 28 | 29 | 28 | 26 | | |
| 30 | 6 5:00 | 29 | 3 5:37 | 29 | 3 6:20 | 29 | 1 6:58 | 29 | 30 6:57 | 29 | 27 5:52 | | |
| K 1 | 7 E | S 1 | 4 F | N 1 | 4 A | S 1 | 2 J | A 1 | 31 | T 1 | 28 | | |
| I 2 | 8 R | H 2 | 5 E | I 2 | 5 P | I 2 | 3 U | B 2 | 1 A | I 2 | 29 | | |
| S 3 | 9 | E 3 | 6 B | S 3 | 6 R | V 3 | 4 N | 3 | 2 U | S 3 | 30 | | |
| L 4 | 10 | B 4 | 7 R | A 4 | 7 I | A 4 | 5 E | 4 | 3 G | R 4 | 1 O | | |
| E 5 | 11 | A 5 | 8 U | N 5 | 8 L | N 5 | 6 | 5 | 4 U | I 5 | 2 C | | |
| U 6 | 12 | T 6 | 9 A | 6 | 9 | 6 | 7 | 6 | 5 S | 6 | 3 T | | |
| 7 | 13 | 7 | 10 R | 7 | 10 | 7 | 8 | 7 | 6 T | 7 | 4 O | | |
| 8 | 14 | 8 | 11 Y | 8 | 11 | 8 | 9 | 8 | 7 | 8 | 5 B | | |
| 9 | 15 | 9 | 12 | 9 | 12 | 9 | 10 | 9 | 8 | 9 | 6 E | | |
| 10 | 16 | 10 | 13 | 10 | 13 | 10 | 11 | 10 | 9 | 10 | 7 R | | |
| 11 | 17 | 11 | 14 | 11 | 14 | 11 | 12 | 11 | 10 | 11 | 8 | | |
| 12 | 18 | 12 | 15 | 12 | 15 | 12 | 13-21-5 | 12 | 11 | 12 | 9 | | |
| 13 | 19-7-23 | 13 | 16-5-49 | 13 | 16-0-56 | 13 | 14 | 13 | 12-0-3 | 13 | 10-8-53 | FULL MOONS | |
| 14 | 20 | 14 | 17 | 14 | 17 | 14 | 15 | 14 | 13 | 14 | 11 | | |
| 15 | 21 | 15 | 18 | 15 | 18 | 15 | 16 | 15 | 14 | 15 | 12 | | |
| 16 | 22 | 16 | 19 | 16 | 19 | 16 | 17 | 16 | 15 | 16 | 13 | | |
| 17 | 23 | 17 | 20 | 17 | 20 | 17 | 18 | 17 | 16 | 17 | 14 | | |
| 18 | 24 | 18 | 21 | 18 | 21 | 18 | 19 | 18 | 17 | 18 | 15 | | |
| 19 | 25 | 19 | 22 | 19 | 22 | 19 | 20 | 19 | 18 | 19 | 16 | | |
| 20 | 26 | 20 | 23 | 20 | 23 | 20 | 21 | 20 | 19 | 20 | 17 | | |
| 21 | 27 | 21 | 24 | 21 | 24 | 21 | 22 | 21 | 20 | 21 | 18 | | |
| 22 | 28 | 22 | 25 | 22 | 25 | 22 | 23 | 22 | 21 | 22 | 19 | | |
| 23 | 29 | 23 | 26 | 23 | 26 | 23 | 24 | 23 | 22 | 23 | 20 | | |
| 24 | 30 | 24 | 27 | 24 | 27 | 24 | 25 | 24 | 23 | 24 | 21 | | |
| 25 | 31 | 25 | 28 | 25 | 28 | 25 | 26 | 25 | 24 | 25 | 22 | | |
| 1851 | 26 | 1 J | 26 | 21 M | 26 | 29 | 26 | 27 | 26 | 26 | 23 | | |
| 27 | 2-13-4 | 27 | 2 | 27 | 30 | 27 | 28 | 27 | 26 | 27 | 24-17-30 | NEW MOONS | |
| 28 | 3 N | 28 | 3-3-35 | 28 | 1-11-22 | 28 | 29-8-45 | 28 | 27-0-40 | 28 | 25 | | |
| 29 | 4 U | 29 | 4 | 29 | 2 | 29 | 30 | 29 | 28 | 29 | 26 | | |
| 30 | 5 5:12 | 30 | 5 6:00 | 30 | 3 6:40 | 30 | 1 7:08 | 30 | 29 6:28 | 30 | 27 5:17 | | |
| T 1 | 6 R | A 1 | 6 M | I 1 | 4 M | T 1 | 2 J | E 1 | 30 | H 1 | 28 | | |
| E 2 | 7 Y | D 2 | 7 A | Y 2 | 5 A | A 2 | 3 U | L 2 | 31 | E 2 | 29 | | |
| B 3 | 8 | A 3 | 8 R | A 3 | 6 Y | M 3 | 4 L | U 3 | 1 S | S 3 | 30 | | |
| E 4 | 9 | R 4 | 9 C | R 4 | 7 | M 4 | 5 Y | L 4 | 2 E | V 4 | 31 | | |
| T 5 | 10 | 5 | 10 H | 5 | 8 | U 5 | 6 | 5 | 3 P | A 5 | 1 N | | |
| 6 | 11 | 6 | 11 | 6 | 9 | Z 6 | 7 | 6 | 4 T | N 6 | 2 O | | |
| 7 | 12 | 7 | 12 | 7 | 10 | 7 | 8 | 7 | 5 | 7 | 3 V | | |

19.6166
9.904
.82

18
2 25

3.82

11.1 = 21.1

Jerusalem =

April 20 to April 9.

Babylon

April 19 to April 8

6940
20820

365.2421987
182621699936
25566953909
208188053259

308th Cycle = 6940 days

| | | | | |
|---------|----|------------|--------------------|---------|
| 1832-33 | 1 | 1 = 384 | ----- | 27-28 |
| | | 2 = 354 | ----- | 28-29 |
| | | 3 = 355 | ----- | 29-30 |
| 1835-36 | 4 | 4 = 384 | ----- | 30-31 x |
| | | 5 = 355 | ----- | 31-32 x |
| 1837-38 | 6 | x 6 = 384 | 1837-38 Spring '37 | 32-33 |
| | | 7 = 354 | 1838-39 | 33-34 |
| | | x 8 = 354 | 1839-40 Spring '39 | 34-35 |
| 1840-41 | 9 | x 9 = 383 | 1840-41 Spring '40 | 35-36 |
| | | 10 = 355 | ----- | 36-37 |
| | | 11 = 354 | ----- | 37-38 |
| 1843-44 | 12 | 12 = 384 | ----- | 38-39 |
| | | 13 = 355 | ----- | 39-40 |
| | | 14 = 355 | ----- | 40-41 |
| 1846-47 | 15 | x 15 = 383 | 1846-47 Spring '46 | 41-42 |
| | | 16 = 354 | ----- | 42-43 |
| 1848-49 | 17 | 17 = 384 | ----- | 43-44 |
| | | 18 = 354 | ----- | 44-45 |
| | | 19 = 355 | ----- | 45-46 |

298

235
Jerusalem 365 1/2 = 365.2524
Babylon 365



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