

2000 - September

Calendar for SAAO - Sutherland

2000 - September

Longitude: E 020 49
Latitude : S 32 23

Height: 200m
Time Zone: +02h 00m

Zone Time = UT + 02h 00m

| Date | J.D. at Oh UT 245 | LMST at Oh UT h m s | Moon | | Moon Transit Dec. Phase o ' " | Morning | | | Sun | | Evening | | | |
|---------|-------------------------|---------------------------|-------|-------|-------------------------------------|-------------|-------------|-------------|-------|-------|-------------|-------------|-------------|-------|
| | | | Rise | Set | | Astr. Twil. | Naut. Twil. | Civil Twil. | Rise | Set | Civil Twil. | Naut. Twil. | Astr. Twil. | |
| | | | h m | h m | | h m | h m | h m | h m | h m | h m | h m | h m | h m |
| Fri 1 | 1788.5 | 00 05 07 | 08 58 | 21 43 | -02 50 | 0.13 | 05 32 | 06 00 | 06 29 | 06 51 | 18 22 | 18 45 | 19 13 | 19 42 |
| Sat 2 | 1789.5 | 00 09 03 | 09 32 | 22 43 | -07 51 | 0.21 | 05 31 | 05 59 | 06 28 | 06 50 | 18 23 | 18 45 | 19 14 | 19 42 |
| Sun 3 | 1790.5 | 00 13 00 | 10 07 | 23 42 | -12 19 | 0.30 | 05 30 | 05 58 | 06 26 | 06 49 | 18 24 | 18 46 | 19 14 | 19 43 |
| Mon 4 | 1791.5 | 00 16 56 | 10 43 | | -16 02 | 0.40 | 05 28 | 05 57 | 06 25 | 06 47 | 18 24 | 18 47 | 19 15 | 19 43 |
| Tues 5 | 1792.5 | 00 20 53 | 11 22 | 00 39 | -18 54 | 0.50 | 05 27 | 05 56 | 06 24 | 06 46 | 18 25 | 18 47 | 19 16 | 19 44 |
| Wed 6 | 1793.5 | 00 24 50 | 12 03 | 01 35 | -20 48 | 0.60 | 05 26 | 05 54 | 06 23 | 06 45 | 18 26 | 18 48 | 19 16 | 19 45 |
| Thur 7 | 1794.5 | 00 28 46 | 12 48 | 02 28 | -21 39 | 0.69 | 05 25 | 05 53 | 06 21 | 06 44 | 18 26 | 18 48 | 19 17 | 19 45 |
| Fri 8 | 1795.5 | 00 32 43 | 13 36 | 03 18 | -21 27 | 0.78 | 05 23 | 05 52 | 06 20 | 06 42 | 18 27 | 18 49 | 19 17 | 19 46 |
| Sat 9 | 1796.5 | 00 36 39 | 14 28 | 04 05 | -20 12 | 0.85 | 05 22 | 05 50 | 06 19 | 06 41 | 18 27 | 18 50 | 19 18 | 19 47 |
| Sun 10 | 1797.5 | 00 40 36 | 15 21 | 04 49 | -17 58 | 0.92 | 05 21 | 05 49 | 06 17 | 06 40 | 18 28 | 18 50 | 19 19 | 19 47 |
| Mon 11 | 1798.5 | 00 44 32 | 16 17 | 05 28 | -14 49 | 0.96 | 05 19 | 05 48 | 06 16 | 06 38 | 18 29 | 18 51 | 19 19 | 19 48 |
| Tues 12 | 1799.5 | 00 48 29 | 17 13 | 06 05 | | | 05 18 | 05 46 | 06 15 | 06 37 | 18 29 | 18 51 | 19 20 | 19 48 |
| Wed 13 | 1800.5 | 00 52 25 | 18 11 | 06 40 | -10 55 | 0.99 | 05 17 | 05 45 | 06 14 | 06 36 | 18 30 | 18 52 | 19 20 | 19 49 |
| Thur 14 | 1801.5 | 00 56 22 | 19 08 | 07 13 | -06 25 | 1.00 | 05 15 | 05 44 | 06 12 | 06 34 | 18 30 | 18 53 | 19 21 | 19 50 |
| Fri 15 | 1802.5 | 01 00 19 | 20 07 | 07 45 | -01 31 | 0.98 | 05 14 | 05 42 | 06 11 | 06 33 | 18 31 | 18 53 | 19 22 | 19 50 |
| Sat 16 | 1803.5 | 01 04 15 | 21 07 | 08 18 | +03 33 | 0.95 | 05 13 | 05 41 | 06 10 | 06 32 | 18 32 | 18 54 | 19 22 | 19 51 |
| Sun 17 | 1804.5 | 01 08 12 | 22 08 | 08 53 | +08 34 | 0.89 | 05 11 | 05 40 | 06 08 | 06 30 | 18 32 | 18 54 | 19 23 | 19 52 |
| Mon 18 | 1805.5 | 01 12 08 | 23 11 | 09 30 | +13 16 | 0.81 | 05 10 | 05 38 | 06 07 | 06 29 | 18 33 | 18 55 | 19 24 | 19 52 |
| Tues 19 | 1806.5 | 01 16 05 | | 10 12 | +17 20 | 0.71 | 05 08 | 05 37 | 06 06 | 06 28 | 18 34 | 18 56 | 19 24 | 19 53 |
| Wed 20 | 1807.5 | 01 20 01 | 00 15 | 10 59 | +20 27 | 0.60 | 05 07 | 05 36 | 06 04 | 06 26 | 18 34 | 18 56 | 19 25 | 19 54 |
| Thur 21 | 1808.5 | 01 23 58 | 01 19 | 11 52 | +22 21 | 0.49 | 05 06 | 05 34 | 06 03 | 06 25 | 18 35 | 18 57 | 19 26 | 19 54 |
| Fri 22 | 1809.5 | 01 27 54 | 02 21 | 12 51 | +22 48 | 0.37 | 05 04 | 05 33 | 06 02 | 06 24 | 18 36 | 18 58 | 19 26 | 19 55 |
| Sat 23 | 1810.5 | 01 31 51 | 03 18 | 13 55 | +21 41 | 0.26 | 05 03 | 05 32 | 06 00 | 06 22 | 18 36 | 18 58 | 19 27 | 19 56 |
| Sun 24 | 1811.5 | 01 35 48 | 04 10 | 15 02 | +19 05 | 0.16 | 05 01 | 05 30 | 05 59 | 06 21 | 18 37 | 18 59 | 19 28 | 19 57 |
| Mon 25 | 1812.5 | 01 39 44 | 04 57 | 16 10 | +15 13 | 0.08 | 05 00 | 05 29 | 05 58 | 06 20 | 18 37 | 19 00 | 19 28 | 19 57 |
| Tues 26 | 1813.5 | 01 43 41 | 05 38 | 17 16 | +10 27 | 0.03 | 04 59 | 05 28 | 05 56 | 06 18 | 18 38 | 19 00 | 19 29 | 19 58 |
| Wed 27 | 1814.5 | 01 47 37 | 06 17 | 18 22 | +05 08 | 0.00 | 04 57 | 05 26 | 05 55 | 06 17 | 18 39 | 19 01 | 19 30 | 19 59 |
| Thur 28 | 1815.5 | 01 51 34 | 06 53 | 19 25 | -00 20 | 0.01 | 04 56 | 05 25 | 05 53 | 06 16 | 18 39 | 19 02 | 19 30 | 20 00 |
| Fri 29 | 1816.5 | 01 55 30 | 07 27 | 20 27 | -05 39 | 0.04 | 04 54 | 05 23 | 05 52 | 06 14 | 18 40 | 19 02 | 19 31 | 20 00 |
| Sat 30 | 1817.5 | 01 59 27 | 08 02 | 21 28 | -10 30 | 0.09 | 04 53 | 05 22 | 05 51 | 06 13 | 18 41 | 19 03 | 19 32 | 20 01 |