

2005 - October

Calendar for SAAO - Sutherland

2005 - October

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 | |
| Sat | 1 | 3644.5 | 02 02 34 | 05 18 | 16 59 | +08 47 | 0.04 | 04 52 | 05 21 | 05 50 | 06 12 | 18 41 | 19 04 | 19 32 | 20 02 |
| Sun | 2 | 3645.5 | 02 06 31 | 05 43 | 17 56 | +02 49 | 0.01 | 04 50 | 05 20 | 05 48 | 06 11 | 18 42 | 19 04 | 19 33 | 20 03 |
| Mon | 3 | 3646.5 | 02 10 27 | 06 08 | 18 53 | -03 20 | 0.00 | 04 49 | 05 18 | 05 47 | 06 09 | 18 43 | 19 05 | 19 34 | 20 03 |
| Tues | 4 | 3647.5 | 02 14 24 | 06 34 | 19 51 | -09 27 | 0.01 | 04 47 | 05 17 | 05 46 | 06 08 | 18 43 | 19 06 | 19 35 | 20 04 |
| Wed | 5 | 3648.5 | 02 18 20 | 07 02 | 20 53 | -15 16 | 0.04 | 04 46 | 05 15 | 05 44 | 06 07 | 18 44 | 19 06 | 19 35 | 20 05 |
| Thur | 6 | 3649.5 | 02 22 17 | 07 34 | 21 57 | -20 28 | 0.10 | 04 45 | 05 14 | 05 43 | 06 05 | 18 45 | 19 07 | 19 36 | 20 06 |
| Fri | 7 | 3650.5 | 02 26 14 | 08 11 | 23 04 | -24 40 | 0.17 | 04 43 | 05 13 | 05 42 | 06 04 | 18 45 | 19 08 | 19 37 | 20 07 |
| Sat | 8 | 3651.5 | 02 30 10 | 08 56 | | -27 28 | 0.27 | 04 42 | 05 11 | 05 41 | 06 03 | 18 46 | 19 09 | 19 38 | 20 08 |
| Sun | 9 | 3652.5 | 02 34 07 | 09 49 | 00 10 | -28 32 | 0.37 | 04 40 | 05 10 | 05 39 | 06 02 | 18 47 | 19 09 | 19 39 | 20 08 |
| Mon | 10 | 3653.5 | 02 38 03 | 10 52 | 01 12 | -27 38 | 0.49 | 04 39 | 05 09 | 05 38 | 06 00 | 18 48 | 19 10 | 19 39 | 20 09 |
| Tues | 11 | 3654.5 | 02 42 00 | 12 01 | 02 08 | -24 46 | 0.61 | 04 37 | 05 07 | 05 37 | 05 59 | 18 48 | 19 11 | 19 40 | 20 10 |
| Wed | 12 | 3655.5 | 02 45 56 | 13 12 | 02 56 | -20 10 | 0.72 | 04 36 | 05 06 | 05 35 | 05 58 | 18 49 | 19 12 | 19 41 | 20 11 |
| Thur | 13 | 3656.5 | 02 49 53 | 14 24 | 03 37 | -14 15 | 0.82 | 04 35 | 05 05 | 05 34 | 05 57 | 18 50 | 19 12 | 19 42 | 20 12 |
| Fri | 14 | 3657.5 | 02 53 49 | 15 35 | 04 13 | -07 26 | 0.91 | 04 33 | 05 03 | 05 33 | 05 56 | 18 50 | 19 13 | 19 43 | 20 13 |
| Sat | 15 | 3658.5 | 02 57 46 | 16 43 | 04 45 | -00 12 | 0.96 | 04 32 | 05 02 | 05 32 | 05 54 | 18 51 | 19 14 | 19 44 | 20 14 |
| Sun | 16 | 3659.5 | 03 01 43 | 17 51 | 05 15 | +07 00 | 1.00 | 04 30 | 05 01 | 05 30 | 05 53 | 18 52 | 19 15 | 19 44 | 20 15 |
| Mon | 17 | 3660.5 | 03 05 39 | 18 58 | 05 45 | | | 04 29 | 05 00 | 05 29 | 05 52 | 18 53 | 19 16 | 19 45 | 20 16 |
| Tues | 18 | 3661.5 | 03 09 36 | 20 06 | 06 17 | +13 45 | 1.00 | 04 28 | 04 58 | 05 28 | 05 51 | 18 54 | 19 16 | 19 46 | 20 17 |
| Wed | 19 | 3662.5 | 03 13 32 | 21 13 | 06 52 | +19 39 | 0.97 | 04 26 | 04 57 | 05 27 | 05 50 | 18 54 | 19 17 | 19 47 | 20 18 |
| Thur | 20 | 3663.5 | 03 17 29 | 22 19 | 07 31 | +24 20 | 0.92 | 04 25 | 04 56 | 05 26 | 05 48 | 18 55 | 19 18 | 19 48 | 20 19 |
| Fri | 21 | 3664.5 | 03 21 25 | 23 21 | 08 16 | +27 35 | 0.86 | 04 23 | 04 54 | 05 24 | 05 47 | 18 56 | 19 19 | 19 49 | 20 20 |
| Sat | 22 | 3665.5 | 03 25 22 | | 09 07 | +29 13 | 0.77 | 04 22 | 04 53 | 05 23 | 05 46 | 18 57 | 19 20 | 19 50 | 20 21 |
| Sun | 23 | 3666.5 | 03 29 18 | 00 17 | 10 02 | +29 14 | 0.68 | 04 21 | 04 52 | 05 22 | 05 45 | 18 57 | 19 21 | 19 51 | 20 22 |
| Mon | 24 | 3667.5 | 03 33 15 | 01 05 | 11 00 | +27 45 | 0.58 | 04 19 | 04 51 | 05 21 | 05 44 | 18 58 | 19 21 | 19 52 | 20 23 |
| Tues | 25 | 3668.5 | 03 37 12 | 01 47 | 11 58 | +24 58 | 0.49 | 04 18 | 04 50 | 05 20 | 05 43 | 18 59 | 19 22 | 19 53 | 20 24 |
| Wed | 26 | 3669.5 | 03 41 08 | 02 22 | 12 56 | +21 07 | 0.39 | 04 17 | 04 48 | 05 19 | 05 42 | 19 00 | 19 23 | 19 54 | 20 25 |
| Thur | 27 | 3670.5 | 03 45 05 | 02 53 | 13 53 | +16 25 | 0.30 | 04 16 | 04 47 | 05 18 | 05 41 | 19 01 | 19 24 | 19 55 | 20 26 |
| Fri | 28 | 3671.5 | 03 49 01 | 03 20 | 14 49 | +11 04 | 0.21 | 04 14 | 04 46 | 05 17 | 05 40 | 19 02 | 19 25 | 19 56 | 20 28 |
| Sat | 29 | 3672.5 | 03 52 58 | 03 45 | 15 45 | +05 14 | 0.14 | 04 13 | 04 45 | 05 16 | 05 39 | 19 02 | 19 26 | 19 57 | 20 29 |
| Sun | 30 | 3673.5 | 03 56 54 | 04 10 | 16 42 | -00 52 | 0.08 | 04 12 | 04 44 | 05 15 | 05 38 | 19 03 | 19 27 | 19 58 | 20 30 |
| Mon | 31 | 3674.5 | 04 00 51 | 04 36 | 17 40 | -07 03 | 0.03 | 04 11 | 04 43 | 05 14 | 05 37 | 19 04 | 19 28 | 19 59 | 20 31 |