

2012 - December

Calendar for ESO - La Silla

2012 - December

Longitude: W 070 44
Latitude : S 29 15

Height: 400m
Time Zone: -04h 00m

Zone Time = UT - 04h 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 h m | Set h m | | Astr. Twil. h m | Naut. Twil. h m | Civil Twil. h m | Rise h m | Set h m | Civil Twil. h m | Naut. Twil. h m | Astr. Twil. h m | | |
| Sat | 1 | 6262.5 | 23 58 05 | 21 52 | 08 04 | +20 20 | 0.94 | 04 03 | 04 37 | 05 09 | 05 32 | 19 32 | 19 56 | 20 28 | 21 02 |
| Sun | 2 | 6263.5 | 00 02 02 | 22 32 | 08 57 | +18 17 | 0.88 | 04 02 | 04 37 | 05 09 | 05 32 | 19 33 | 19 56 | 20 29 | 21 03 |
| Mon | 3 | 6264.5 | 00 05 58 | 23 10 | 09 51 | +15 22 | 0.81 | 04 02 | 04 37 | 05 09 | 05 32 | 19 34 | 19 57 | 20 30 | 21 04 |
| Tues | 4 | 6265.5 | 00 09 55 | 23 45 | 10 46 | +11 44 | 0.72 | 04 02 | 04 37 | 05 09 | 05 32 | 19 35 | 19 58 | 20 30 | 21 05 |
| Wed | 5 | 6266.5 | 00 13 52 | | 11 42 | +07 30 | 0.63 | 04 02 | 04 37 | 05 09 | 05 32 | 19 35 | 19 59 | 20 31 | 21 06 |
| Thur | 6 | 6267.5 | 00 17 48 | 00 21 | 12 39 | +02 50 | 0.52 | 04 02 | 04 37 | 05 09 | 05 32 | 19 36 | 20 00 | 20 32 | 21 07 |
| Fri | 7 | 6268.5 | 00 21 45 | 00 56 | 13 38 | -02 06 | 0.41 | 04 02 | 04 37 | 05 09 | 05 33 | 19 37 | 20 00 | 20 33 | 21 08 |
| Sat | 8 | 6269.5 | 00 25 41 | 01 33 | 14 39 | -07 04 | 0.30 | 04 02 | 04 37 | 05 09 | 05 33 | 19 38 | 20 01 | 20 34 | 21 09 |
| Sun | 9 | 6270.5 | 00 29 38 | 02 14 | 15 43 | -11 48 | 0.20 | 04 02 | 04 37 | 05 09 | 05 33 | 19 38 | 20 02 | 20 35 | 21 09 |
| Mon | 10 | 6271.5 | 00 33 34 | 02 58 | 16 50 | -15 54 | 0.11 | 04 02 | 04 37 | 05 10 | 05 33 | 19 39 | 20 03 | 20 35 | 21 10 |
| Tues | 11 | 6272.5 | 00 37 31 | 03 49 | 17 58 | -18 58 | 0.05 | 04 02 | 04 37 | 05 10 | 05 33 | 19 40 | 20 03 | 20 36 | 21 11 |
| Wed | 12 | 6273.5 | 00 41 27 | 04 46 | 19 05 | -20 35 | 0.01 | 04 02 | 04 37 | 05 10 | 05 34 | 19 40 | 20 04 | 20 37 | 21 12 |
| Thur | 13 | 6274.5 | 00 45 24 | 05 49 | 20 08 | -20 32 | 0.00 | 04 02 | 04 38 | 05 10 | 05 34 | 19 41 | 20 05 | 20 37 | 21 13 |
| Fri | 14 | 6275.5 | 00 49 21 | 06 55 | 21 04 | -18 49 | 0.03 | 04 03 | 04 38 | 05 11 | 05 34 | 19 42 | 20 05 | 20 38 | 21 13 |
| Sat | 15 | 6276.5 | 00 53 17 | 08 03 | 21 54 | -15 43 | 0.09 | 04 03 | 04 38 | 05 11 | 05 34 | 19 42 | 20 06 | 20 39 | 21 14 |
| Sun | 16 | 6277.5 | 00 57 14 | 09 09 | 22 38 | -11 38 | 0.17 | 04 03 | 04 38 | 05 11 | 05 35 | 19 43 | 20 06 | 20 39 | 21 15 |
| Mon | 17 | 6278.5 | 01 01 10 | 10 12 | 23 17 | -06 59 | 0.26 | 04 04 | 04 39 | 05 12 | 05 35 | 19 44 | 20 07 | 20 40 | 21 15 |
| Tues | 18 | 6279.5 | 01 05 07 | 11 13 | 23 53 | -02 06 | 0.36 | 04 04 | 04 39 | 05 12 | 05 36 | 19 44 | 20 08 | 20 41 | 21 16 |
| Wed | 19 | 6280.5 | 01 09 03 | 12 10 | | +02 43 | 0.47 | 04 04 | 04 40 | 05 13 | 05 36 | 19 45 | 20 08 | 20 41 | 21 16 |
| Thur | 20 | 6281.5 | 01 13 00 | 13 06 | 00 28 | +07 18 | 0.57 | 04 05 | 04 40 | 05 13 | 05 37 | 19 45 | 20 09 | 20 42 | 21 17 |
| Fri | 21 | 6282.5 | 01 16 56 | 14 00 | 01 02 | +11 28 | 0.67 | 04 05 | 04 41 | 05 13 | 05 37 | 19 46 | 20 09 | 20 42 | 21 17 |
| Sat | 22 | 6283.5 | 01 20 53 | 14 54 | 01 37 | +15 04 | 0.76 | 04 06 | 04 41 | 05 14 | 05 38 | 19 46 | 20 10 | 20 43 | 21 18 |
| Sun | 23 | 6284.5 | 01 24 50 | 15 47 | 02 14 | +18 00 | 0.84 | 04 06 | 04 42 | 05 15 | 05 38 | 19 47 | 20 10 | 20 43 | 21 18 |
| Mon | 24 | 6285.5 | 01 28 46 | 16 39 | 02 53 | +20 08 | 0.90 | 04 07 | 04 42 | 05 15 | 05 39 | 19 47 | 20 11 | 20 43 | 21 19 |
| Tues | 25 | 6286.5 | 01 32 43 | 17 30 | 03 35 | +21 22 | 0.95 | 04 08 | 04 43 | 05 16 | 05 39 | 19 47 | 20 11 | 20 44 | 21 19 |
| Wed | 26 | 6287.5 | 01 36 39 | 18 20 | 04 20 | +21 37 | 0.98 | 04 08 | 04 43 | 05 16 | 05 40 | 19 48 | 20 11 | 20 44 | 21 19 |
| Thur | 27 | 6288.5 | 01 40 36 | 19 07 | 05 09 | | | 04 09 | 04 44 | 05 17 | 05 40 | 19 48 | 20 12 | 20 45 | 21 20 |
| Fri | 28 | 6289.5 | 01 44 32 | 19 51 | 06 00 | +20 51 | 1.00 | 04 10 | 04 45 | 05 18 | 05 41 | 19 48 | 20 12 | 20 45 | 21 20 |
| Sat | 29 | 6290.5 | 01 48 29 | 20 32 | 06 53 | +19 07 | 0.99 | 04 10 | 04 45 | 05 18 | 05 42 | 19 49 | 20 12 | 20 45 | 21 20 |
| Sun | 30 | 6291.5 | 01 52 25 | 21 11 | 07 47 | +16 28 | 0.97 | 04 11 | 04 46 | 05 19 | 05 42 | 19 49 | 20 12 | 20 45 | 21 20 |
| Mon | 31 | 6292.5 | 01 56 22 | 21 48 | 08 41 | +13 03 | 0.92 | 04 12 | 04 47 | 05 20 | 05 43 | 19 49 | 20 13 | 20 45 | 21 20 |