

2008 - July

Calendar for ESO - La Silla

2008 - July

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 | 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 |
| Tues 1 | 4648.5 | 13 54 45 | 06 06 | 16 24 | +28 21 | 0.03 | 06 13 | 06 42 | 07 12 | 07 34 | 18 00 | 18 22 | 18 52 | 19 21 |
| Wed 2 | 4649.5 | 13 58 41 | 07 13 | 17 34 | +27 47 | 0.00 | 06 13 | 06 42 | 07 12 | 07 34 | 18 00 | 18 23 | 18 52 | 19 21 |
| Thur 3 | 4650.5 | 14 02 38 | 08 11 | 18 46 | +25 04 | 0.01 | 06 13 | 06 42 | 07 12 | 07 34 | 18 01 | 18 23 | 18 52 | 19 21 |
| Fri 4 | 4651.5 | 14 06 35 | 09 00 | 19 57 | +20 38 | 0.04 | 06 13 | 06 42 | 07 12 | 07 34 | 18 01 | 18 23 | 18 53 | 19 22 |
| Sat 5 | 4652.5 | 14 10 31 | 09 41 | 21 04 | +15 03 | 0.10 | 06 13 | 06 42 | 07 12 | 07 34 | 18 01 | 18 24 | 18 53 | 19 22 |
| Sun 6 | 4653.5 | 14 14 28 | 10 16 | 22 07 | +08 53 | 0.18 | 06 13 | 06 42 | 07 12 | 07 34 | 18 02 | 18 24 | 18 54 | 19 23 |
| Mon 7 | 4654.5 | 14 18 24 | 10 48 | 23 06 | +02 31 | 0.27 | 06 13 | 06 42 | 07 11 | 07 34 | 18 02 | 18 25 | 18 54 | 19 23 |
| Tues 8 | 4655.5 | 14 22 21 | 11 17 | | -03 44 | 0.37 | 06 13 | 06 42 | 07 11 | 07 34 | 18 03 | 18 25 | 18 54 | 19 23 |
| Wed 9 | 4656.5 | 14 26 17 | 11 46 | 00 03 | -09 37 | 0.47 | 06 13 | 06 42 | 07 11 | 07 33 | 18 03 | 18 25 | 18 55 | 19 24 |
| Thur 10 | 4657.5 | 14 30 14 | 12 15 | 00 59 | -14 57 | 0.57 | 06 13 | 06 42 | 07 11 | 07 33 | 18 04 | 18 26 | 18 55 | 19 24 |
| Fri 11 | 4658.5 | 14 34 10 | 12 47 | 01 55 | -19 35 | 0.67 | 06 13 | 06 41 | 07 11 | 07 33 | 18 04 | 18 26 | 18 56 | 19 24 |
| Sat 12 | 4659.5 | 14 38 07 | 13 22 | 02 51 | -23 18 | 0.76 | 06 13 | 06 41 | 07 11 | 07 33 | 18 05 | 18 27 | 18 56 | 19 25 |
| Sun 13 | 4660.5 | 14 42 03 | 14 01 | 03 48 | -25 57 | 0.84 | 06 12 | 06 41 | 07 10 | 07 33 | 18 05 | 18 27 | 18 57 | 19 25 |
| Mon 14 | 4661.5 | 14 46 00 | 14 46 | 04 44 | -27 21 | 0.90 | 06 12 | 06 41 | 07 10 | 07 32 | 18 06 | 18 28 | 18 57 | 19 26 |
| Tues 15 | 4662.5 | 14 49 57 | 15 36 | 05 38 | -27 22 | 0.95 | 06 12 | 06 41 | 07 10 | 07 32 | 18 06 | 18 28 | 18 57 | 19 26 |
| Wed 16 | 4663.5 | 14 53 53 | 16 31 | 06 28 | -25 59 | 0.99 | 06 12 | 06 40 | 07 10 | 07 32 | 18 07 | 18 29 | 18 58 | 19 27 |
| Thur 17 | 4664.5 | 14 57 50 | 17 28 | 07 14 | | | 06 11 | 06 40 | 07 09 | 07 31 | 18 07 | 18 29 | 18 58 | 19 27 |
| Fri 18 | 4665.5 | 15 01 46 | 18 27 | 07 55 | -23 15 | 1.00 | 06 11 | 06 40 | 07 09 | 07 31 | 18 08 | 18 30 | 18 59 | 19 27 |
| Sat 19 | 4666.5 | 15 05 43 | 19 26 | 08 31 | -19 20 | 0.99 | 06 11 | 06 39 | 07 08 | 07 31 | 18 08 | 18 30 | 18 59 | 19 28 |
| Sun 20 | 4667.5 | 15 09 39 | 20 25 | 09 04 | -14 25 | 0.96 | 06 11 | 06 39 | 07 08 | 07 30 | 18 09 | 18 31 | 19 00 | 19 28 |
| Mon 21 | 4668.5 | 15 13 36 | 21 23 | 09 35 | -08 46 | 0.91 | 06 10 | 06 39 | 07 08 | 07 30 | 18 09 | 18 31 | 19 00 | 19 29 |
| Tues 22 | 4669.5 | 15 17 33 | 22 22 | 10 05 | -02 37 | 0.84 | 06 10 | 06 38 | 07 07 | 07 29 | 18 10 | 18 32 | 19 01 | 19 29 |
| Wed 23 | 4670.5 | 15 21 29 | 23 22 | 10 35 | +03 46 | 0.76 | 06 09 | 06 38 | 07 07 | 07 29 | 18 10 | 18 32 | 19 01 | 19 30 |
| Thur 24 | 4671.5 | 15 25 26 | | 11 07 | +10 08 | 0.65 | 06 09 | 06 37 | 07 06 | 07 28 | 18 11 | 18 33 | 19 02 | 19 30 |
| Fri 25 | 4672.5 | 15 29 22 | 00 25 | 11 42 | +16 09 | 0.54 | 06 09 | 06 37 | 07 06 | 07 28 | 18 12 | 18 33 | 19 02 | 19 31 |
| Sat 26 | 4673.5 | 15 33 19 | 01 30 | 12 23 | +21 26 | 0.42 | 06 08 | 06 37 | 07 05 | 07 27 | 18 12 | 18 34 | 19 03 | 19 31 |
| Sun 27 | 4674.5 | 15 37 15 | 02 39 | 13 11 | +25 32 | 0.31 | 06 08 | 06 36 | 07 05 | 07 26 | 18 13 | 18 34 | 19 03 | 19 31 |
| Mon 28 | 4675.5 | 15 41 12 | 03 49 | 14 08 | +27 58 | 0.20 | 06 07 | 06 35 | 07 04 | 07 26 | 18 13 | 18 35 | 19 04 | 19 32 |
| Tues 29 | 4676.5 | 15 45 08 | 04 56 | 15 13 | +28 22 | 0.11 | 06 07 | 06 35 | 07 04 | 07 25 | 18 14 | 18 35 | 19 04 | 19 32 |
| Wed 30 | 4677.5 | 15 49 05 | 05 56 | 16 23 | +26 38 | 0.05 | 06 06 | 06 34 | 07 03 | 07 25 | 18 14 | 18 36 | 19 05 | 19 33 |
| Thur 31 | 4678.5 | 15 53 02 | 06 49 | 17 34 | +23 00 | 0.01 | 06 06 | 06 34 | 07 02 | 07 24 | 18 15 | 18 36 | 19 05 | 19 33 |