

1998 - December

Calendar for ESO - La Silla

1998 - 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	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	1148.5	23 55 40	17 19	04 07	+13 13	0.96	04 03	04 37	05 09	05 32	19 32	19 55	20 27	21 02
Wed 2	1149.5	23 59 36	18 28	04 55	. . . .	. . . .	04 03	04 37	05 09	05 32	19 33	19 56	20 28	21 03
Thur 3	1150.5	00 03 33	19 35	05 46	+16 52	0.99	04 02	04 37	05 09	05 32	19 33	19 57	20 29	21 03
Fri 4	1151.5	00 07 29	20 40	06 41	+19 17	0.99	04 02	04 37	05 09	05 32	19 34	19 57	20 30	21 04
Sat 5	1152.5	00 11 26	21 39	07 40	+20 17	0.96	04 02	04 37	05 09	05 32	19 35	19 58	20 31	21 05
Sun 6	1153.5	00 15 22	22 32	08 41	+19 50	0.90	04 02	04 37	05 09	05 32	19 36	19 59	20 32	21 06
Mon 7	1154.5	00 19 19	23 19	09 41	+18 08	0.82	04 02	04 37	05 09	05 32	19 37	20 00	20 32	21 07
Tues 8	1155.5	00 23 16	. . . .	10 40	+15 27	0.73	04 02	04 37	05 09	05 33	19 37	20 01	20 33	21 08
Wed 9	1156.5	00 27 12	00 01	11 37	+12 03	0.63	04 02	04 37	05 09	05 33	19 38	20 01	20 34	21 09
Thur 10	1157.5	00 31 09	00 39	12 32	+08 12	0.53	04 02	04 37	05 10	05 33	19 39	20 02	20 35	21 10
Fri 11	1158.5	00 35 05	01 14	13 25	+04 07	0.43	04 02	04 37	05 10	05 33	19 39	20 03	20 36	21 11
Sat 12	1159.5	00 39 02	01 48	14 17	-00 03	0.33	04 02	04 37	05 10	05 33	19 40	20 03	20 36	21 11
Sun 13	1160.5	00 42 58	02 20	15 08	-04 09	0.25	04 02	04 37	05 10	05 34	19 41	20 04	20 37	21 12
Mon 14	1161.5	00 46 55	02 54	16 00	-08 03	0.17	04 03	04 38	05 10	05 34	19 41	20 05	20 38	21 13
Tues 15	1162.5	00 50 51	03 28	16 52	-11 37	0.10	04 03	04 38	05 11	05 34	19 42	20 05	20 38	21 13
Wed 16	1163.5	00 54 48	04 05	17 44	-14 41	0.05	04 03	04 38	05 11	05 35	19 43	20 06	20 39	21 14
Thur 17	1164.5	00 58 45	04 44	18 37	-17 06	0.02	04 03	04 39	05 11	05 35	19 43	20 07	20 40	21 15
Fri 18	1165.5	01 02 41	05 28	19 30	-18 43	0.00	04 04	04 39	05 12	05 35	19 44	20 07	20 40	21 15
Sat 19	1166.5	01 06 38	06 15	20 21	-19 24	0.01	04 04	04 39	05 12	05 36	19 44	20 08	20 41	21 16
Sun 20	1167.5	01 10 34	07 06	21 10	-19 03	0.03	04 05	04 40	05 13	05 36	19 45	20 08	20 41	21 17
Mon 21	1168.5	01 14 31	08 00	21 57	-17 38	0.08	04 05	04 40	05 13	05 37	19 45	20 09	20 42	21 17
Tues 22	1169.5	01 18 27	08 56	22 41	-15 13	0.15	04 06	04 41	05 14	05 37	19 46	20 09	20 42	21 18
Wed 23	1170.5	01 22 24	09 55	23 23	-11 54	0.23	04 06	04 41	05 14	05 38	19 46	20 10	20 43	21 18
Thur 24	1171.5	01 26 21	10 54	. . . .	-07 52	0.33	04 07	04 42	05 15	05 38	19 47	20 10	20 43	21 18
Fri 25	1172.5	01 30 17	11 54	00 03	-03 17	0.44	04 07	04 42	05 15	05 39	19 47	20 11	20 44	21 19
Sat 26	1173.5	01 34 14	12 55	00 42	+01 35	0.56	04 08	04 43	05 16	05 39	19 48	20 11	20 44	21 19
Sun 27	1174.5	01 38 10	13 58	01 21	+06 29	0.67	04 08	04 44	05 17	05 40	19 48	20 11	20 44	21 19
Mon 28	1175.5	01 42 07	15 02	02 02	+11 07	0.78	04 09	04 44	05 17	05 41	19 48	20 12	20 45	21 20
Tues 29	1176.5	01 46 03	16 07	02 45	+15 07	0.87	04 10	04 45	05 18	05 41	19 49	20 12	20 45	21 20
Wed 30	1177.5	01 50 00	17 13	03 33	+18 10	0.94	04 11	04 46	05 18	05 42	19 49	20 12	20 45	21 20
Thur 31	1178.5	01 53 56	18 18	04 24	+19 56	0.99	04 11	04 46	05 19	05 43	19 49	20 13	20 45	21 20