

1998 - February

Calendar for ESO - La Silla

1998 - February

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		
Sun	1	0845.5	04 01 04	10 46	23 02	+03 53	0.27	04 45	05 17	05 47	06 09	19 43	20 05	20 36	21 07
Mon	2	0846.5	04 05 00	11 50	23 45	+08 26	0.38	04 46	05 18	05 48	06 10	19 43	20 05	20 35	21 07
Tues	3	0847.5	04 08 57	12 52	+12 26	0.50	04 47	05 19	05 49	06 11	19 42	20 04	20 34	21 06
Wed	4	0848.5	04 12 53	13 53	00 29	+15 38	0.61	04 48	05 20	05 50	06 12	19 41	20 03	20 33	21 05
Thur	5	0849.5	04 16 50	14 53	01 14	+17 54	0.72	04 49	05 21	05 51	06 13	19 41	20 03	20 33	21 04
Fri	6	0850.5	04 20 47	15 50	02 03	+19 06	0.81	04 50	05 22	05 52	06 14	19 40	20 02	20 32	21 03
Sat	7	0851.5	04 24 43	16 44	02 54	+19 12	0.89	04 52	05 23	05 53	06 14	19 39	20 01	20 31	21 02
Sun	8	0852.5	04 28 40	17 34	03 47	+18 16	0.95	04 53	05 24	05 54	06 15	19 39	20 00	20 30	21 01
Mon	9	0853.5	04 32 36	18 20	04 41	+16 25	0.98	04 54	05 25	05 54	06 16	19 38	19 59	20 29	21 00
Tues	10	0854.5	04 36 33	19 02	05 35	04 55	05 26	05 55	06 17	19 37	19 59	20 28	20 59
Wed	11	0855.5	04 40 29	19 41	06 30	+13 47	1.00	04 56	05 26	05 56	06 18	19 36	19 58	20 27	20 58
Thur	12	0856.5	04 44 26	20 18	07 23	+10 35	0.99	04 57	05 27	05 57	06 18	19 35	19 57	20 26	20 57
Fri	13	0857.5	04 48 22	20 52	08 15	+06 57	0.97	04 58	05 28	05 58	06 19	19 35	19 56	20 25	20 56
Sat	14	0858.5	04 52 19	21 26	09 07	+03 06	0.93	04 59	05 29	05 59	06 20	19 34	19 55	20 24	20 55
Sun	15	0859.5	04 56 16	21 59	09 58	-00 49	0.87	05 00	05 30	05 59	06 21	19 33	19 54	20 23	20 53
Mon	16	0860.5	05 00 12	22 33	10 50	-04 41	0.80	05 01	05 31	06 00	06 22	19 32	19 53	20 22	20 52
Tues	17	0861.5	05 04 09	23 09	11 41	-08 21	0.71	05 02	05 32	06 01	06 22	19 31	19 52	20 21	20 51
Wed	18	0862.5	05 08 05	23 47	12 33	-11 40	0.62	05 03	05 33	06 02	06 23	19 30	19 51	20 20	20 50
Thur	19	0863.5	05 12 02	13 27	-14 29	0.52	05 04	05 34	06 03	06 24	19 29	19 50	20 19	20 49
Fri	20	0864.5	05 15 58	00 29	14 21	-16 40	0.42	05 05	05 35	06 03	06 25	19 28	19 49	20 18	20 48
Sat	21	0865.5	05 19 55	01 15	15 15	-18 00	0.32	05 06	05 35	06 04	06 25	19 27	19 48	20 17	20 47
Sun	22	0866.5	05 23 51	02 07	16 09	-18 19	0.22	05 07	05 36	06 05	06 26	19 26	19 47	20 16	20 45
Mon	23	0867.5	05 27 48	03 03	17 02	-17 29	0.13	05 08	05 37	06 06	06 27	19 25	19 46	20 15	20 44
Tues	24	0868.5	05 31 45	04 04	17 53	-15 26	0.06	05 09	05 38	06 07	06 28	19 24	19 45	20 14	20 43
Wed	25	0869.5	05 35 41	05 08	18 42	-12 15	0.02	05 09	05 39	06 07	06 28	19 23	19 44	20 13	20 42
Thur	26	0870.5	05 39 38	06 15	19 28	-08 06	0.00	05 10	05 40	06 08	06 29	19 22	19 43	20 12	20 41
Fri	27	0871.5	05 43 34	07 22	20 13	-03 19	0.02	05 11	05 40	06 09	06 30	19 21	19 42	20 10	20 39
Sat	28	0872.5	05 47 31	08 29	20 56	+01 42	0.06	05 12	05 41	06 10	06 30	19 20	19 41	20 09	20 38

Prepared by HM Nautical Almanac Office

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Rise/Set times in Zone Time