

2002 - February

Calendar for Mauna Kea - Hawai'i

2002 - February

Longitude: W 155 28
Latitude : N 19 50

Height: 4215m
Time Zone: -10h 00m

Zone Time = UT - 10h 00m

Date	J.D. at Oh UT 245	LMST at Oh UT h m s	Moon		Moon Transit Dec. Phase o ' 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
Fri 1	2306.5	22 22 15	22 26	10 20	+03 07	0.82	05 42	06 08	06 34	06 47	18 24	18 37	19 03	19 30
Sat 2	2307.5	22 26 11	23 25	11 02	-03 09	0.71	05 41	06 07	06 34	06 47	18 25	18 38	19 04	19 30
Sun 3	2308.5	22 30 08	11 43	-09 05	0.60	05 41	06 07	06 34	06 46	18 25	18 38	19 04	19 31
Mon 4	2309.5	22 34 04	00 23	12 25	-14 24	0.49	05 41	06 07	06 33	06 46	18 26	18 39	19 05	19 31
Tues 5	2310.5	22 38 01	01 21	13 10	-18 50	0.38	05 41	06 07	06 33	06 46	18 26	18 39	19 05	19 31
Wed 6	2311.5	22 41 57	02 18	13 57	-22 09	0.27	05 40	06 06	06 32	06 45	18 27	18 40	19 06	19 32
Thur 7	2312.5	22 45 54	03 15	14 47	-24 13	0.19	05 40	06 06	06 32	06 45	18 28	18 40	19 06	19 32
Fri 8	2313.5	22 49 50	04 09	15 39	-24 56	0.11	05 40	06 06	06 32	06 44	18 28	18 41	19 07	19 33
Sat 9	2314.5	22 53 47	05 01	16 33	-24 20	0.06	05 39	06 05	06 31	06 44	18 29	18 41	19 07	19 33
Sun 10	2315.5	22 57 44	05 49	17 26	-22 30	0.02	05 39	06 05	06 31	06 43	18 29	18 42	19 08	19 34
Mon 11	2316.5	23 01 40	06 34	18 18	-19 37	0.00	05 38	06 04	06 30	06 43	18 30	18 42	19 08	19 34
Tues 12	2317.5	23 05 37	07 14	19 09	-15 53	0.01	05 38	06 04	06 30	06 42	18 30	18 43	19 09	19 34
Wed 13	2318.5	23 09 33	07 51	19 58	-11 32	0.03	05 38	06 03	06 29	06 42	18 30	18 43	19 09	19 35
Thur 14	2319.5	23 13 30	08 26	20 47	-06 46	0.07	05 37	06 03	06 29	06 41	18 31	18 43	19 09	19 35
Fri 15	2320.5	23 17 26	08 59	21 34	-01 45	0.12	05 37	06 02	06 28	06 41	18 31	18 44	19 10	19 36
Sat 16	2321.5	23 21 23	09 32	22 22	+03 20	0.19	05 36	06 02	06 28	06 40	18 32	18 44	19 10	19 36
Sun 17	2322.5	23 25 19	10 05	23 11	+08 20	0.27	05 36	06 01	06 27	06 40	18 32	18 45	19 11	19 36
Mon 18	2323.5	23 29 16	10 41	+13 04	0.37	05 35	06 01	06 27	06 39	18 33	18 45	19 11	19 37
Tues 19	2324.5	23 33 12	11 19	00 02	+17 19	0.47	05 35	06 00	06 26	06 38	18 33	18 46	19 11	19 37
Wed 20	2325.5	23 37 09	12 01	00 56	+20 51	0.57	05 34	06 00	06 25	06 38	18 34	18 46	19 12	19 37
Thur 21	2326.5	23 41 06	12 48	01 52	+23 20	0.68	05 33	05 59	06 25	06 37	18 34	18 46	19 12	19 38
Fri 22	2327.5	23 45 02	13 42	02 51	+24 28	0.78	05 33	05 58	06 24	06 37	18 34	18 47	19 12	19 38
Sat 23	2328.5	23 48 59	14 42	03 51	+23 57	0.87	05 32	05 58	06 24	06 36	18 35	18 47	19 13	19 38
Sun 24	2329.5	23 52 55	15 46	04 50	+21 39	0.94	05 32	05 57	06 23	06 35	18 35	18 47	19 13	19 39
Mon 25	2330.5	23 56 52	16 53	05 45	+17 41	0.98	05 31	05 57	06 22	06 35	18 35	18 48	19 13	19 39
Tues 26	2331.5	00 00 48	18 00	06 37	05 30	05 56	06 21	06 34	18 36	18 48	19 14	19 39
Wed 27	2332.5	00 04 45	19 06	07 26	+12 21	1.00	05 30	05 55	06 21	06 33	18 36	18 49	19 14	19 40
Thur 28	2333.5	00 08 41	20 09	08 11	+06 09	0.98	05 29	05 54	06 20	06 32	18 37	18 49	19 14	19 40

Prepared by HM Nautical Almanac Office

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Rise/Set times in Zone Time