

1997 - February

Calendar for Mauna Kea - Hawai'i

1997 - 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 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	0480.5	22 23 05	01 02	13 02	-15 09	0.41	05 42	06 08	06 34	06 47	18 24	18 37	19 04	19 30
Sun	2	0481.5	22 27 02	01 57	13 52	-17 24	0.30	05 41	06 07	06 34	06 47	18 25	18 38	19 04	19 30
Mon	3	0482.5	22 30 59	02 55	14 47	-18 41	0.20	05 41	06 07	06 33	06 46	18 26	18 38	19 05	19 31
Tues	4	0483.5	22 34 55	03 54	15 47	-18 46	0.11	05 41	06 07	06 33	06 46	18 26	18 39	19 05	19 31
Wed	5	0484.5	22 38 52	04 52	16 50	-17 31	0.05	05 40	06 07	06 33	06 45	18 27	18 39	19 06	19 32
Thur	6	0485.5	22 42 48	05 49	17 54	-14 57	0.01	05 40	06 06	06 32	06 45	18 27	18 40	19 06	19 32
Fri	7	0486.5	22 46 45	06 44	18 59	-11 16	0.00	05 40	06 06	06 32	06 45	18 28	18 40	19 06	19 32
Sat	8	0487.5	22 50 41	07 35	20 03	-06 47	0.03	05 40	06 05	06 32	06 44	18 28	18 41	19 07	19 33
Sun	9	0488.5	22 54 38	08 24	21 06	-01 56	0.08	05 39	06 05	06 31	06 44	18 29	18 41	19 07	19 33
Mon	10	0489.5	22 58 34	09 11	22 06	+02 54	0.17	05 39	06 05	06 31	06 43	18 29	18 42	19 08	19 34
Tues	11	0490.5	23 02 31	09 57	23 05	+07 23	0.26	05 38	06 04	06 30	06 43	18 30	18 42	19 08	19 34
Wed	12	0491.5	23 06 28	10 43	+11 16	0.37	05 38	06 04	06 30	06 42	18 30	18 43	19 09	19 35
Thur	13	0492.5	23 10 24	11 29	00 03	+14 23	0.48	05 38	06 03	06 29	06 42	18 31	18 43	19 09	19 35
Fri	14	0493.5	23 14 21	12 15	00 58	+16 36	0.59	05 37	06 03	06 29	06 41	18 31	18 44	19 10	19 35
Sat	15	0494.5	23 18 17	13 03	01 52	+17 52	0.69	05 37	06 02	06 28	06 41	18 32	18 44	19 10	19 36
Sun	16	0495.5	23 22 14	13 52	02 44	+18 11	0.78	05 36	06 02	06 28	06 40	18 32	18 44	19 10	19 36
Mon	17	0496.5	23 26 10	14 41	03 33	+17 35	0.85	05 36	06 01	06 27	06 40	18 32	18 45	19 11	19 36
Tues	18	0497.5	23 30 07	15 31	04 20	+16 08	0.92	05 35	06 01	06 27	06 39	18 33	18 45	19 11	19 37
Wed	19	0498.5	23 34 03	16 20	05 04	+13 57	0.96	05 34	06 00	06 26	06 38	18 33	18 46	19 11	19 37
Thur	20	0499.5	23 38 00	17 09	05 45	+11 08	0.99	05 34	06 00	06 25	06 38	18 34	18 46	19 12	19 37
Fri	21	0500.5	23 41 57	17 58	06 25	05 33	05 59	06 25	06 37	18 34	18 46	19 12	19 38
Sat	22	0501.5	23 45 53	18 47	07 03	+07 50	1.00	05 33	05 58	06 24	06 36	18 34	18 47	19 13	19 38
Sun	23	0502.5	23 49 50	19 35	07 41	+04 11	0.99	05 32	05 58	06 23	06 36	18 35	18 47	19 13	19 39
Mon	24	0503.5	23 53 46	20 24	08 18	+00 20	0.96	05 31	05 57	06 23	06 35	18 35	18 48	19 13	19 39
Tues	25	0504.5	23 57 43	21 13	08 55	-03 34	0.92	05 31	05 56	06 22	06 34	18 36	18 48	19 14	19 39
Wed	26	0505.5	00 01 39	22 03	09 34	-07 22	0.85	05 30	05 56	06 21	06 34	18 36	18 48	19 14	19 39
Thur	27	0506.5	00 05 36	22 55	10 15	-10 55	0.77	05 29	05 55	06 21	06 33	18 36	18 49	19 14	19 40
Fri	28	0507.5	00 09 32	23 49	10 58	-14 01	0.68	05 29	05 54	06 20	06 32	18 37	18 49	19 15	19 40

Prepared by HM Nautical Almanac Office

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Rise/Set times in Zone Time