

1997 - May

Calendar for Mauna Kea - Hawai'i

1997 - May

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
Thur 1	0569.5	04 13 59	01 51	14 12	-08 48	0.32	04 35	05 03	05 30	05 43	18 56	19 08	19 36	20 03
Fri 2	0570.5	04 17 55	02 38	15 12	-04 20	0.21	04 34	05 02	05 29	05 42	18 56	19 09	19 36	20 04
Sat 3	0571.5	04 21 52	03 24	16 12	+00 25	0.12	04 33	05 01	05 28	05 41	18 56	19 09	19 36	20 04
Sun 4	0572.5	04 25 48	04 10	17 12	+05 07	0.05	04 33	05 01	05 28	05 41	18 57	19 10	19 37	20 05
Mon 5	0573.5	04 29 45	04 57	18 12	+09 27	0.01	04 32	05 00	05 27	05 40	18 57	19 10	19 37	20 05
Tues 6	0574.5	04 33 41	05 45	19 12	+13 08	0.00	04 31	04 59	05 27	05 40	18 57	19 10	19 38	20 06
Wed 7	0575.5	04 37 38	06 34	20 10	+15 55	0.02	04 31	04 59	05 26	05 39	18 58	19 11	19 38	20 07
Thur 8	0576.5	04 41 35	07 25	21 06	+17 39	0.06	04 30	04 58	05 26	05 39	18 58	19 11	19 39	20 07
Fri 9	0577.5	04 45 31	08 16	22 00	+18 18	0.12	04 29	04 57	05 25	05 38	18 59	19 12	19 39	20 08
Sat 10	0578.5	04 49 28	09 08	22 49	+17 53	0.19	04 29	04 57	05 25	05 38	18 59	19 12	19 40	20 08
Sun 11	0579.5	04 53 24	10 00	23 36	+16 33	0.28	04 28	04 56	05 24	05 37	18 59	19 13	19 40	20 09
Mon 12	0580.5	04 57 21	10 51	+14 25	0.38	04 27	04 56	05 24	05 37	19 00	19 13	19 41	20 09
Tues 13	0581.5	05 01 17	11 41	00 19	+11 38	0.47	04 27	04 55	05 23	05 36	19 00	19 13	19 41	20 10
Wed 14	0582.5	05 05 14	12 30	00 59	+08 22	0.57	04 26	04 55	05 23	05 36	19 01	19 14	19 42	20 10
Thur 15	0583.5	05 09 10	13 19	01 37	+04 45	0.67	04 26	04 54	05 22	05 35	19 01	19 14	19 42	20 11
Fri 16	0584.5	05 13 07	14 07	02 15	+00 53	0.75	04 25	04 54	05 22	05 35	19 02	19 15	19 43	20 12
Sat 17	0585.5	05 17 04	14 56	02 52	-03 05	0.83	04 25	04 53	05 22	05 35	19 02	19 15	19 43	20 12
Sun 18	0586.5	05 21 00	15 46	03 29	-07 00	0.90	04 24	04 53	05 21	05 34	19 02	19 16	19 44	20 13
Mon 19	0587.5	05 24 57	16 38	04 08	-10 42	0.95	04 24	04 53	05 21	05 34	19 03	19 16	19 44	20 13
Tues 20	0588.5	05 28 53	17 31	04 50	-13 59	0.99	04 23	04 52	05 20	05 34	19 03	19 17	19 45	20 14
Wed 21	0589.5	05 32 50	18 26	05 34	04 23	04 52	05 20	05 33	19 04	19 17	19 45	20 14
Thur 22	0590.5	05 36 46	19 22	06 23	-16 36	1.00	04 22	04 52	05 20	05 33	19 04	19 17	19 46	20 15
Fri 23	0591.5	05 40 43	20 19	07 14	-18 20	0.98	04 22	04 51	05 20	05 33	19 05	19 18	19 46	20 16
Sat 24	0592.5	05 44 39	21 15	08 10	-19 00	0.94	04 22	04 51	05 19	05 33	19 05	19 18	19 47	20 16
Sun 25	0593.5	05 48 36	22 09	09 08	-18 27	0.88	04 21	04 51	05 19	05 32	19 05	19 19	19 47	20 17
Mon 26	0594.5	05 52 33	23 01	10 07	-16 44	0.79	04 21	04 50	05 19	05 32	19 06	19 19	19 48	20 17
Tues 27	0595.5	05 56 29	23 50	11 07	-13 56	0.69	04 21	04 50	05 19	05 32	19 06	19 20	19 48	20 18
Wed 28	0596.5	06 00 26	12 06	-10 15	0.58	04 20	04 50	05 18	05 32	19 07	19 20	19 49	20 18
Thur 29	0597.5	06 04 22	00 37	13 05	-05 58	0.46	04 20	04 50	05 18	05 32	19 07	19 20	19 49	20 19
Fri 30	0598.5	06 08 19	01 22	14 04	-01 21	0.34	04 20	04 49	05 18	05 32	19 07	19 21	19 50	20 19
Sat 31	0599.5	06 12 15	02 07	15 02	+03 19	0.23	04 20	04 49	05 18	05 31	19 08	19 21	19 50	20 20