

2021 - May

Calendar for Mauna Kea - Hawai'i

2021 - 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	
Sat	1	9335.5	04 14 42	23 56	10 27	-26 15	0.74	04 35	05 02	05 30	05 42	18 56	19 08	19 36	20 03
Sun	2	9336.5	04 18 39	11 28	-25 00	0.63	04 34	05 02	05 29	05 42	18 56	19 09	19 36	20 04
Mon	3	9337.5	04 22 35	00 49	12 28	-22 15	0.51	04 33	05 01	05 28	05 41	18 56	19 09	19 37	20 04
Tues	4	9338.5	04 26 32	01 35	13 25	-18 23	0.41	04 33	05 00	05 28	05 41	18 57	19 10	19 37	20 05
Wed	5	9339.5	04 30 28	02 16	14 18	-13 43	0.31	04 32	05 00	05 27	05 40	18 57	19 10	19 38	20 06
Thur	6	9340.5	04 34 25	02 53	15 09	-08 35	0.22	04 31	04 59	05 27	05 40	18 58	19 11	19 38	20 06
Fri	7	9341.5	04 38 21	03 27	15 58	-03 12	0.14	04 30	04 59	05 26	05 39	18 58	19 11	19 39	20 07
Sat	8	9342.5	04 42 18	04 00	16 47	+02 13	0.08	04 30	04 58	05 26	05 39	18 58	19 11	19 39	20 07
Sun	9	9343.5	04 46 15	04 32	17 35	+07 30	0.03	04 29	04 57	05 25	05 38	18 59	19 12	19 39	20 08
Mon	10	9344.5	04 50 11	05 06	18 25	+12 28	0.01	04 29	04 57	05 25	05 38	18 59	19 12	19 40	20 08
Tues	11	9345.5	04 54 08	05 41	19 15	+16 55	0.00	04 28	04 56	05 24	05 37	19 00	19 13	19 40	20 09
Wed	12	9346.5	04 58 04	06 19	20 07	+20 40	0.01	04 27	04 56	05 24	05 37	19 00	19 13	19 41	20 09
Thur	13	9347.5	05 02 01	07 00	21 00	+23 30	0.04	04 27	04 55	05 23	05 36	19 00	19 14	19 41	20 10
Fri	14	9348.5	05 05 57	07 45	21 53	+25 14	0.09	04 26	04 55	05 23	05 36	19 01	19 14	19 42	20 11
Sat	15	9349.5	05 09 54	08 34	22 45	+25 43	0.16	04 26	04 54	05 22	05 35	19 01	19 14	19 42	20 11
Sun	16	9350.5	05 13 50	09 27	23 34	+24 52	0.24	04 25	04 54	05 22	05 35	19 02	19 15	19 43	20 12
Mon	17	9351.5	05 17 47	10 22	+22 41	0.33	04 25	04 53	05 21	05 35	19 02	19 15	19 43	20 12
Tues	18	9352.5	05 21 44	11 19	00 20	+19 14	0.43	04 24	04 53	05 21	05 34	19 03	19 16	19 44	20 13
Wed	19	9353.5	05 25 40	12 16	01 04	+14 41	0.54	04 24	04 53	05 21	05 34	19 03	19 16	19 44	20 13
Thur	20	9354.5	05 29 37	13 13	01 45	+09 11	0.65	04 23	04 52	05 20	05 34	19 03	19 17	19 45	20 14
Fri	21	9355.5	05 33 33	14 11	02 25	+03 01	0.76	04 23	04 52	05 20	05 33	19 04	19 17	19 45	20 15
Sat	22	9356.5	05 37 30	15 10	03 04	-03 32	0.86	04 22	04 51	05 20	05 33	19 04	19 18	19 46	20 15
Sun	23	9357.5	05 41 26	16 11	03 45	-10 06	0.93	04 22	04 51	05 20	05 33	19 05	19 18	19 46	20 16
Mon	24	9358.5	05 45 23	17 15	04 28	-16 10	0.98	04 22	04 51	05 19	05 33	19 05	19 18	19 47	20 16
Tues	25	9359.5	05 49 19	18 22	05 16	04 21	04 51	05 19	05 32	19 05	19 19	19 47	20 17
Wed	26	9360.5	05 53 16	19 31	06 08	-21 13	1.00	04 21	04 50	05 19	05 32	19 06	19 19	19 48	20 17
Thur	27	9361.5	05 57 13	20 39	07 07	-24 43	0.98	04 21	04 50	05 19	05 32	19 06	19 20	19 48	20 18
Fri	28	9362.5	06 01 09	21 42	08 09	-26 17	0.94	04 20	04 50	05 18	05 32	19 07	19 20	19 49	20 18
Sat	29	9363.5	06 05 06	22 40	09 13	-25 51	0.87	04 20	04 50	05 18	05 32	19 07	19 21	19 49	20 19
Sun	30	9364.5	06 09 02	23 30	10 16	-23 38	0.77	04 20	04 49	05 18	05 32	19 08	19 21	19 50	20 19
Mon	31	9365.5	06 12 59	11 16	-20 03	0.67	04 20	04 49	05 18	05 32	19 08	19 21	19 50	20 20