

2015 - September

Calendar for Mauna Kea - Hawai'i

2015 - September

Longitude: W 155 28
Latitude : N 19 50

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

Zone Time = UT - 10h 00m

Date	J.D. at		Zone Time = UT - 10h 00m																	
	245	Oh UT	LMST			Moon		Moon Transit		Morning			Sun		Evening					
			at	h	m	s	Rise	Set	Dec.	Phase	Astr. Twil.	Naut. Twil.	Civil Twil.	Rise	Set	Civil Twil.	Naut. Twil.	Astr. Twil.		
h	m	s	h	m	h	m	o	'	h	m	h	m	h	m	h	m	h	m	h	m
Tues 1	7266.5	12 17 30	21 06	09 21	+05 16	0.89	04 52	05 18	05 44	05 56	18 47	18 59	19 25	19 52						
Wed 2	7267.5	12 21 27	21 55	10 23	+09 40	0.80	04 52	05 18	05 44	05 57	18 46	18 58	19 24	19 51						
Thur 3	7268.5	12 25 23	22 45	11 23	+13 19	0.70	04 52	05 18	05 45	05 57	18 45	18 57	19 23	19 50						
Fri 4	7269.5	12 29 20	23 36	12 21	+16 00	0.58	04 53	05 19	05 45	05 57	18 44	18 57	19 23	19 49						
Sat 5	7270.5	12 33 16	13 17	+17 37	0.47	04 53	05 19	05 45	05 57	18 43	18 56	19 22	19 48						
Sun 6	7271.5	12 37 13	00 28	14 10	+18 08	0.36	04 53	05 19	05 45	05 58	18 42	18 55	19 21	19 47						
Mon 7	7272.5	12 41 09	01 20	15 00	+17 37	0.26	04 53	05 20	05 45	05 58	18 42	18 54	19 20	19 46						
Tues 8	7273.5	12 45 06	02 12	15 47	+16 10	0.18	04 54	05 20	05 46	05 58	18 41	18 53	19 19	19 45						
Wed 9	7274.5	12 49 03	03 04	16 30	+13 56	0.11	04 54	05 20	05 46	05 58	18 40	18 52	19 18	19 44						
Thur 10	7275.5	12 52 59	03 55	17 11	+11 03	0.05	04 54	05 20	05 46	05 58	18 39	18 51	19 17	19 43						
Fri 11	7276.5	12 56 56	04 44	17 49	+07 42	0.02	04 55	05 21	05 46	05 59	18 38	18 50	19 16	19 42						
Sat 12	7277.5	13 00 52	05 33	18 27	+04 03	0.00	04 55	05 21	05 47	05 59	18 37	18 49	19 15	19 41						
Sun 13	7278.5	13 04 49	06 21	19 03	+00 14	0.00	04 55	05 21	05 47	05 59	18 36	18 48	19 14	19 40						
Mon 14	7279.5	13 08 45	07 09	19 40	-03 36	0.03	04 55	05 21	05 47	05 59	18 35	18 47	19 13	19 39						
Tues 15	7280.5	13 12 42	07 57	20 18	-07 18	0.07	04 56	05 22	05 47	06 00	18 34	18 47	19 12	19 38						
Wed 16	7281.5	13 16 38	08 46	20 57	-10 43	0.12	04 56	05 22	05 47	06 00	18 33	18 46	19 11	19 37						
Thur 17	7282.5	13 20 35	09 35	21 38	-13 43	0.19	04 56	05 22	05 48	06 00	18 32	18 45	19 10	19 36						
Fri 18	7283.5	13 24 32	10 25	22 21	-16 08	0.28	04 57	05 22	05 48	06 00	18 31	18 44	19 09	19 35						
Sat 19	7284.5	13 28 28	11 16	23 08	-17 50	0.37	04 57	05 22	05 48	06 00	18 31	18 43	19 08	19 34						
Sun 20	7285.5	13 32 25	12 09	23 59	-18 39	0.48	04 57	05 23	05 48	06 01	18 30	18 42	19 07	19 33						
Mon 21	7286.5	13 36 21	13 01	-18 28	0.59	04 57	05 23	05 49	06 01	18 29	18 41	19 07	19 32						
Tues 22	7287.5	13 40 18	13 54	00 53	-17 11	0.70	04 58	05 23	05 49	06 01	18 28	18 40	19 06	19 31						
Wed 23	7288.5	13 44 14	14 45	01 50	-14 48	0.80	04 58	05 23	05 49	06 01	18 27	18 39	19 05	19 30						
Thur 24	7289.5	13 48 11	15 36	02 49	-11 22	0.89	04 58	05 24	05 49	06 01	18 26	18 38	19 04	19 29						
Fri 25	7290.5	13 52 07	16 26	03 51	-07 05	0.95	04 58	05 24	05 49	06 02	18 25	18 37	19 03	19 28						
Sat 26	7291.5	13 56 04	17 16	04 53	-02 15	0.99	04 58	05 24	05 50	06 02	18 24	18 36	19 02	19 27						
Sun 27	7292.5	14 00 01	18 04	05 57	04 59	05 24	05 50	06 02	18 23	18 36	19 01	19 27						
Mon 28	7293.5	14 03 57	18 54	07 01	+02 46	1.00	04 59	05 24	05 50	06 02	18 22	18 35	19 00	19 26						
Tues 29	7294.5	14 07 54	19 44	08 04	+07 32	0.97	04 59	05 25	05 50	06 02	18 22	18 34	18 59	19 25						
Wed 30	7295.5	14 11 50	20 35	09 08	+11 42	0.91	04 59	05 25	05 50	06 03	18 21	18 33	18 58	19 24						