

1999 - June

Calendar for Mauna Kea - Hawai'i

1999 - June

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		Moon		Moon Transit		Morning			Sun		Evening															
		at Oh UT		Rise	Set	Dec.	Phase	Astr.	Naut.	Civil	Rise	Set	Civil	Naut.	Astr.													
		h	m	s	h	m	h	m	o	'	h	m	h	m	h	m	h	m										
Tues	1	1330.5	06	14	17	21	03	07	56	-20	40	0.95	04	20	04	49	05	18	05	31	19	08	19	22	19	50	20	20
Wed	2	1331.5	06	18	13	21	51	08	46	-20	34	0.90	04	19	04	49	05	18	05	31	19	08	19	22	19	51	20	21
Thur	3	1332.5	06	22	10	22	37	09	37	-19	27	0.84	04	19	04	49	05	18	05	31	19	09	19	22	19	51	20	21
Fri	4	1333.5	06	26	06	23	22	10	30	-17	21	0.76	04	19	04	49	05	18	05	31	19	09	19	23	19	52	20	22
Sat	5	1334.5	06	30	03	..	..	11	24	-14	20	0.66	04	19	04	49	05	18	05	31	19	10	19	23	19	52	20	22
Sun	6	1335.5	06	33	59	00	05	12	18	-10	32	0.55	04	19	04	49	05	18	05	31	19	10	19	24	19	53	20	22
Mon	7	1336.5	06	37	56	00	47	13	14	-06	04	0.44	04	19	04	49	05	18	05	31	19	10	19	24	19	53	20	23
Tues	8	1337.5	06	41	53	01	30	14	11	-01	10	0.33	04	19	04	49	05	18	05	31	19	11	19	24	19	53	20	23
Wed	9	1338.5	06	45	49	02	13	15	11	+03	57	0.22	04	19	04	49	05	18	05	31	19	11	19	25	19	54	20	24
Thur	10	1339.5	06	49	46	02	58	16	13	+08	58	0.13	04	19	04	49	05	18	05	31	19	11	19	25	19	54	20	24
Fri	11	1340.5	06	53	42	03	47	17	17	+13	30	0.06	04	19	04	49	05	18	05	31	19	12	19	25	19	54	20	25
Sat	12	1341.5	06	57	39	04	39	18	23	+17	07	0.01	04	19	04	49	05	18	05	31	19	12	19	26	19	55	20	25
Sun	13	1342.5	07	01	35	05	36	19	28	+19	26	0.00	04	19	04	49	05	18	05	32	19	12	19	26	19	55	20	25
Mon	14	1343.5	07	05	32	06	37	20	31	+20	12	0.02	04	19	04	49	05	18	05	32	19	13	19	26	19	55	20	26
Tues	15	1344.5	07	09	28	07	39	21	30	+19	26	0.07	04	19	04	49	05	18	05	32	19	13	19	27	19	56	20	26
Wed	16	1345.5	07	13	25	08	41	22	22	+17	18	0.15	04	19	04	49	05	18	05	32	19	13	19	27	19	56	20	26
Thur	17	1346.5	07	17	22	09	41	23	10	+14	08	0.24	04	19	04	49	05	18	05	32	19	13	19	27	19	56	20	27
Fri	18	1347.5	07	21	18	10	38	23	53	+10	17	0.34	04	19	04	49	05	19	05	32	19	14	19	27	19	57	20	27
Sat	19	1348.5	07	25	15	11	32	..	..	+06	01	0.44	04	19	04	50	05	19	05	32	19	14	19	28	19	57	20	27
Sun	20	1349.5	07	29	11	12	24	00	33	+01	36	0.54	04	20	04	50	05	19	05	33	19	14	19	28	19	57	20	27
Mon	21	1350.5	07	33	08	13	14	01	10	-02	48	0.64	04	20	04	50	05	19	05	33	19	14	19	28	19	57	20	28
Tues	22	1351.5	07	37	04	14	03	01	47	-07	01	0.73	04	20	04	50	05	19	05	33	19	15	19	28	19	58	20	28
Wed	23	1352.5	07	41	01	14	51	02	24	-10	54	0.82	04	20	04	50	05	20	05	33	19	15	19	29	19	58	20	28
Thur	24	1353.5	07	44	57	15	40	03	01	-14	21	0.89	04	20	04	51	05	20	05	34	19	15	19	29	19	58	20	28
Fri	25	1354.5	07	48	54	16	30	03	40	-17	11	0.94	04	21	04	51	05	20	05	34	19	15	19	29	19	58	20	28
Sat	26	1355.5	07	52	51	17	20	04	22	-19	17	0.98	04	21	04	51	05	20	05	34	19	15	19	29	19	58	20	28
Sun	27	1356.5	07	56	47	18	10	05	06	..	..	....	04	21	04	51	05	21	05	34	19	15	19	29	19	58	20	28
Mon	28	1357.5	08	00	44	19	00	05	53	-20	31	1.00	04	22	04	52	05	21	05	35	19	16	19	29	19	58	20	28
Tues	29	1358.5	08	04	40	19	48	06	42	-20	46	1.00	04	22	04	52	05	21	05	35	19	16	19	29	19	58	20	29
Wed	30	1359.5	08	08	37	20	36	07	34	-20	00	0.98	04	22	04	52	05	22	05	35	19	16	19	29	19	58	20	29