



Hawaiian Lunar Calendar **2018**

About This Calendar

In the traditional Hawaiian calendar, the 29.5-day *mahina* (moon) cycle is divided into three *anahulu* (10-day periods): *ho'onui* (growing bigger), beginning on the first visible crescent; *poepoe* (round

or full); and *emi* (decreasing). The traditional names of the Hawaiian moon months and phases may vary by island and *moku* (district). This calendar uses the O'ahu moon phases listed in the *Hawaiian Almanac* by Clarice Taylor. The tides are for Honolulu.

About the Council

The Western Pacific Regional Fishery Management Council is one of eight councils established by Congress in 1976. Under the Magnuson-Stevens Fishery Conservation and Management Act (MSA), the Western Pacific Council has authority over fisheries in the Pacific Ocean seaward of state/territorial waters of Hawai'i, American Samoa, Guam, the Commonwealth of the Northern Mariana Islands and eight US Pacific remote island areas.

The MSA mandates the establishment of Advisory Panels (APs) to assist the councils in the collection and evaluation of information relevant to the development and

amendment of its fishery management plans. The Hawai'i AP, assists the Western Pacific Council with the Hawai'i Archipelago and Pacific Pelagic Fishery Ecosystem Plans.

AP members are appointed by the Council and serve four-year terms. They represent a balance of commercial, recreational and other interests. Gary Beals (captsmurf2@hotmail.com) is the Hawai'i AP chair.

Decisions and recommendations made by the APs are advisory. Regular and emergency meetings of the AP are open to the public unless they pertain to matters of national security, employment or litigation.

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Western Pacific Regional Fishery Management Council

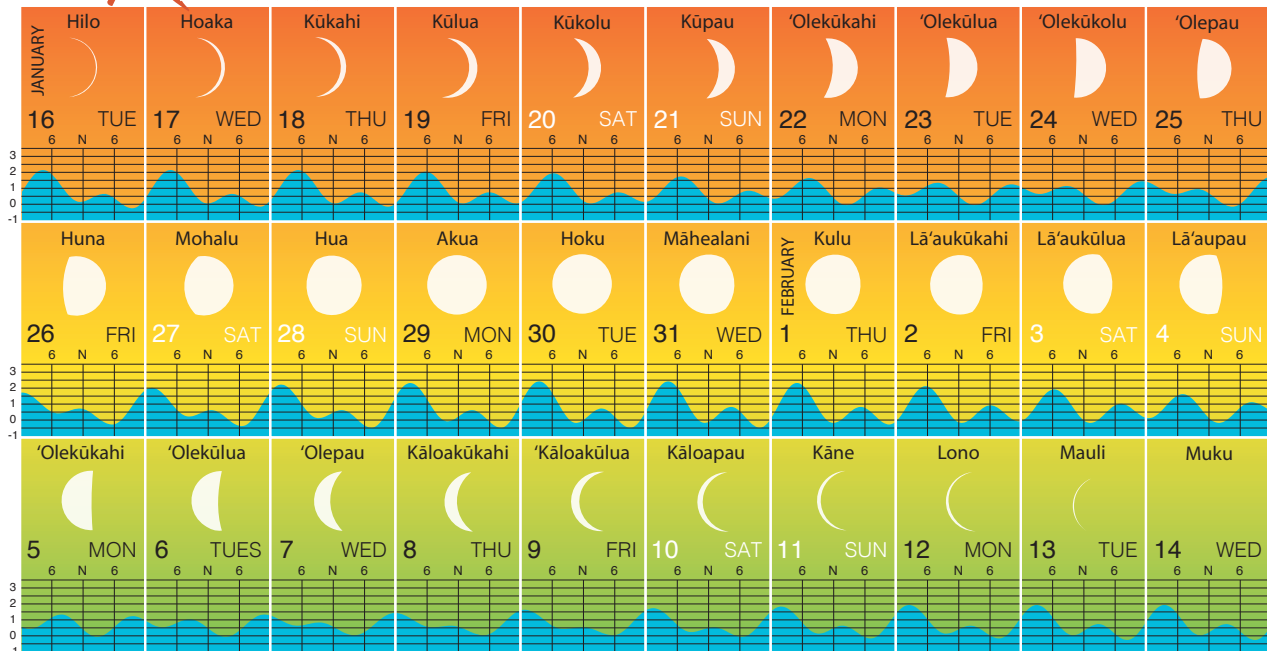
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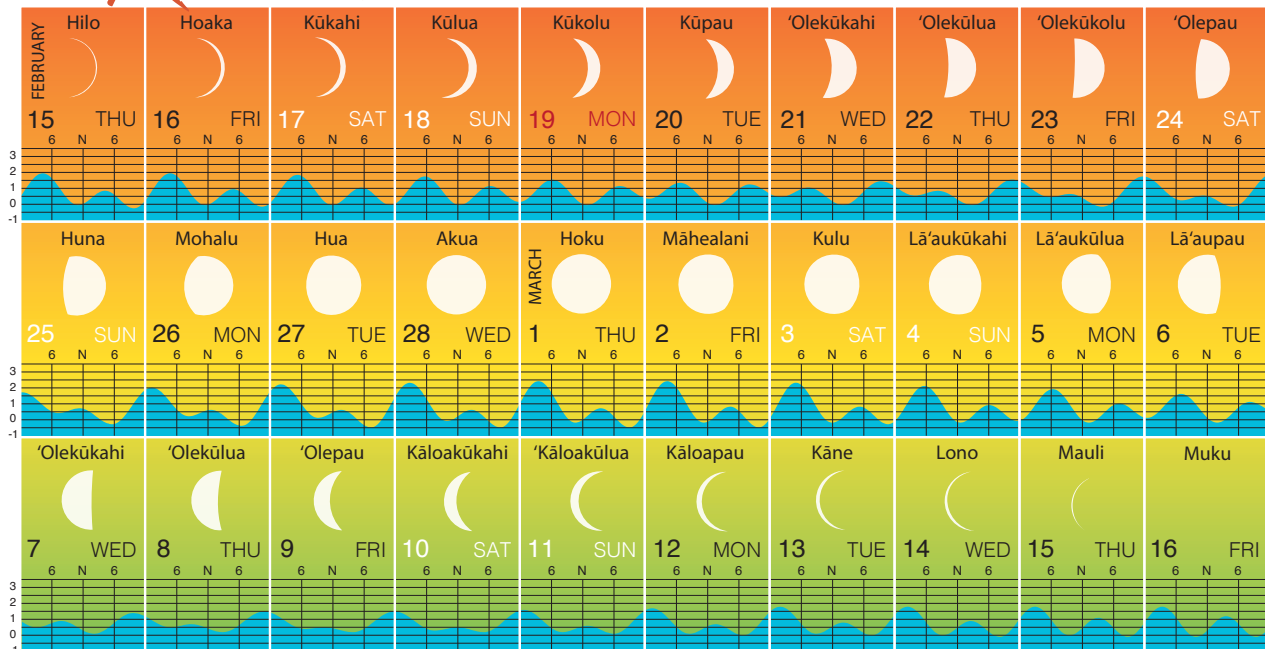
Kā'elo

Januāli 16 - Pepekūali 14, 2018



Kaulua

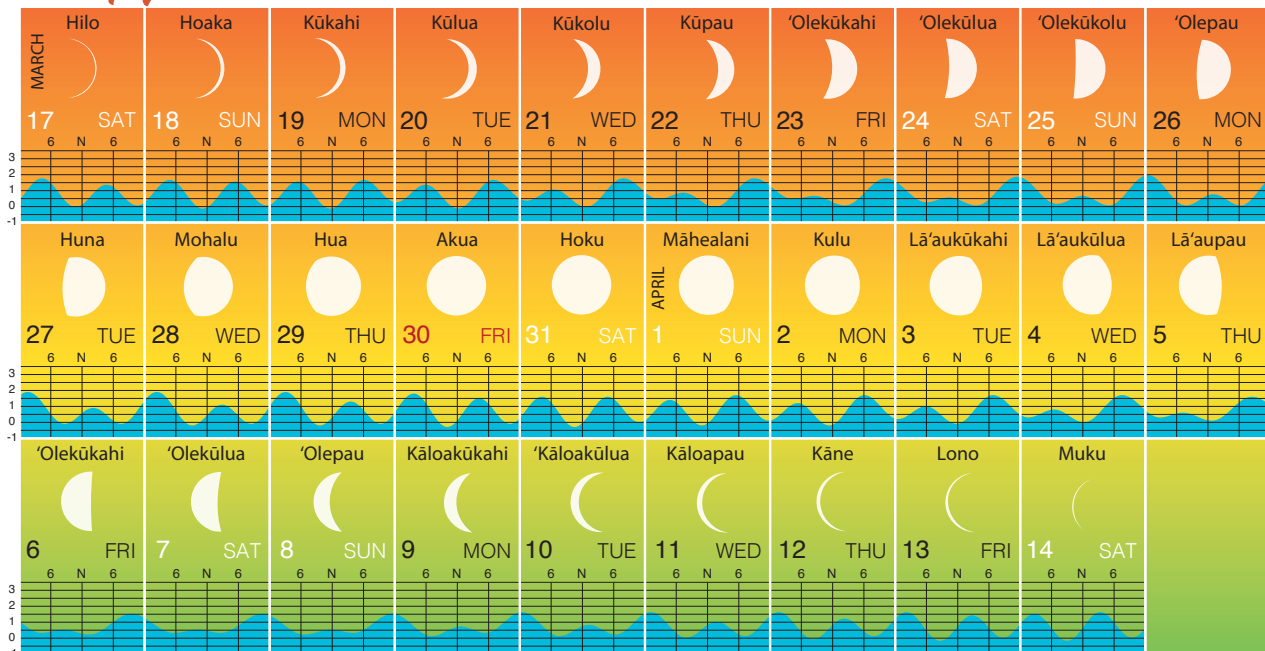
Pepehuali 15 - Malaki 16, 2018



February 19: Presidents Day

Nana

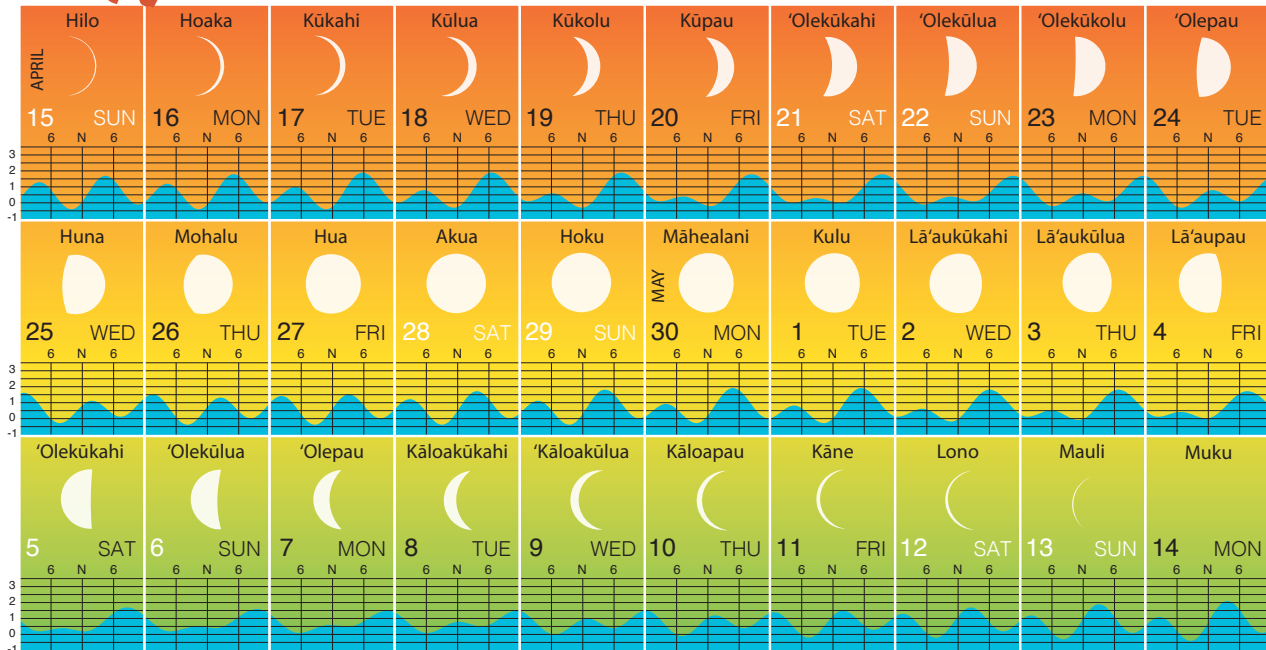
Malaki 17 - 'Apehila 14, 2018



April 30: Good Friday

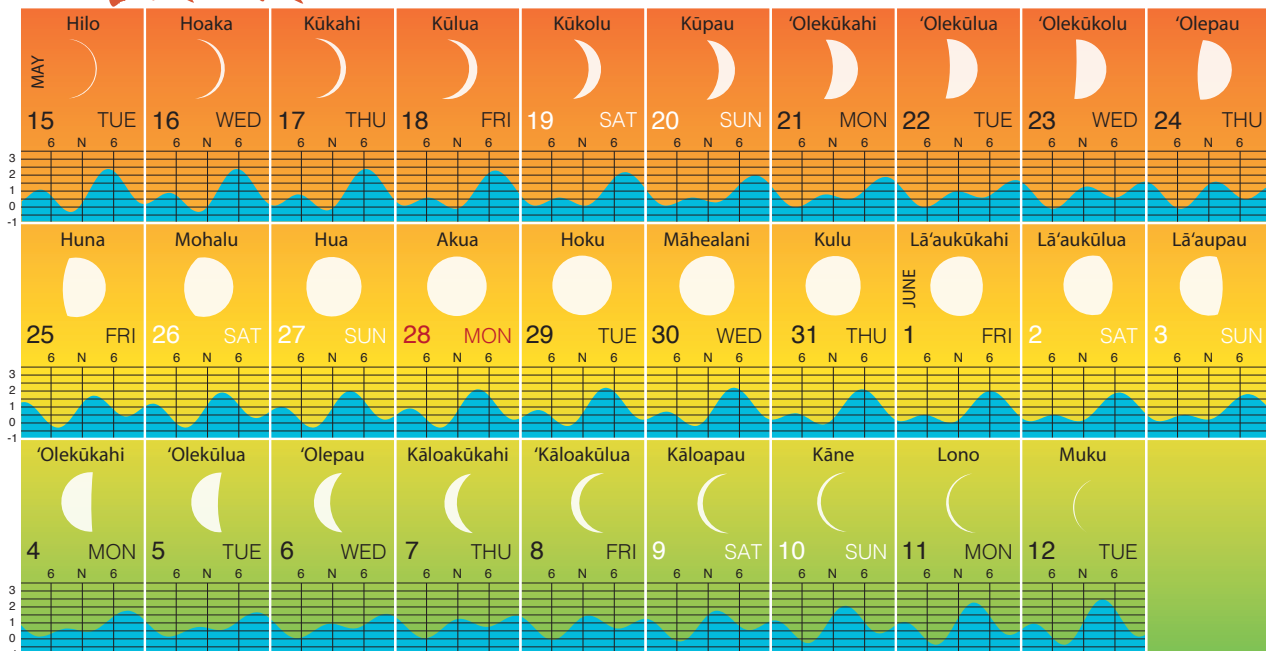
Welo

'Apelila 15- Mei 14, 2018



Ikiiki

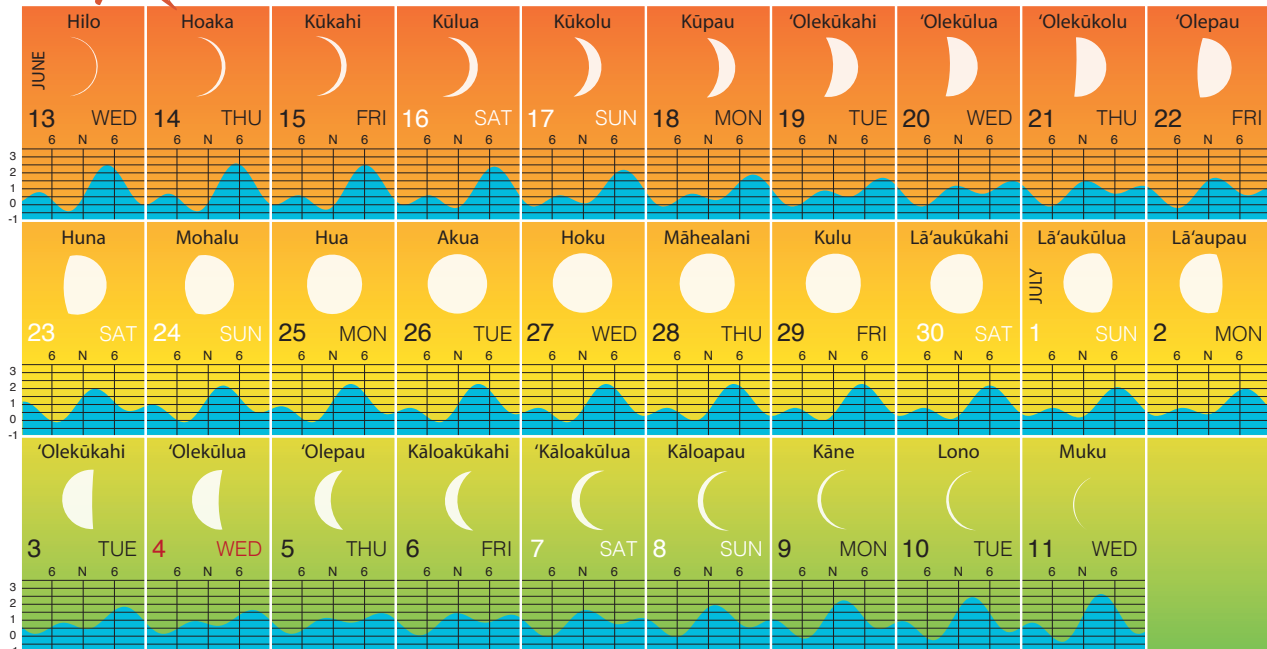
Mei 15 - Iune 12, 2018



May 28: Memorial Day

Ka'aona

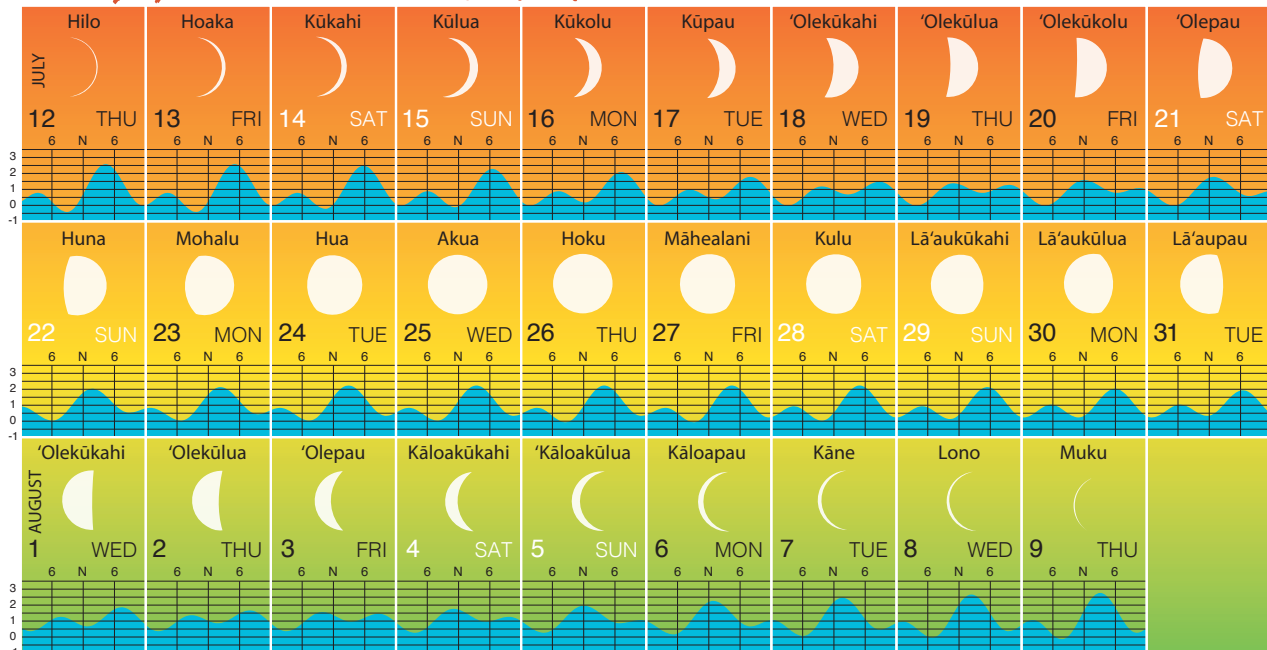
June 13 - July 11, 2018



July 4: Independence Day

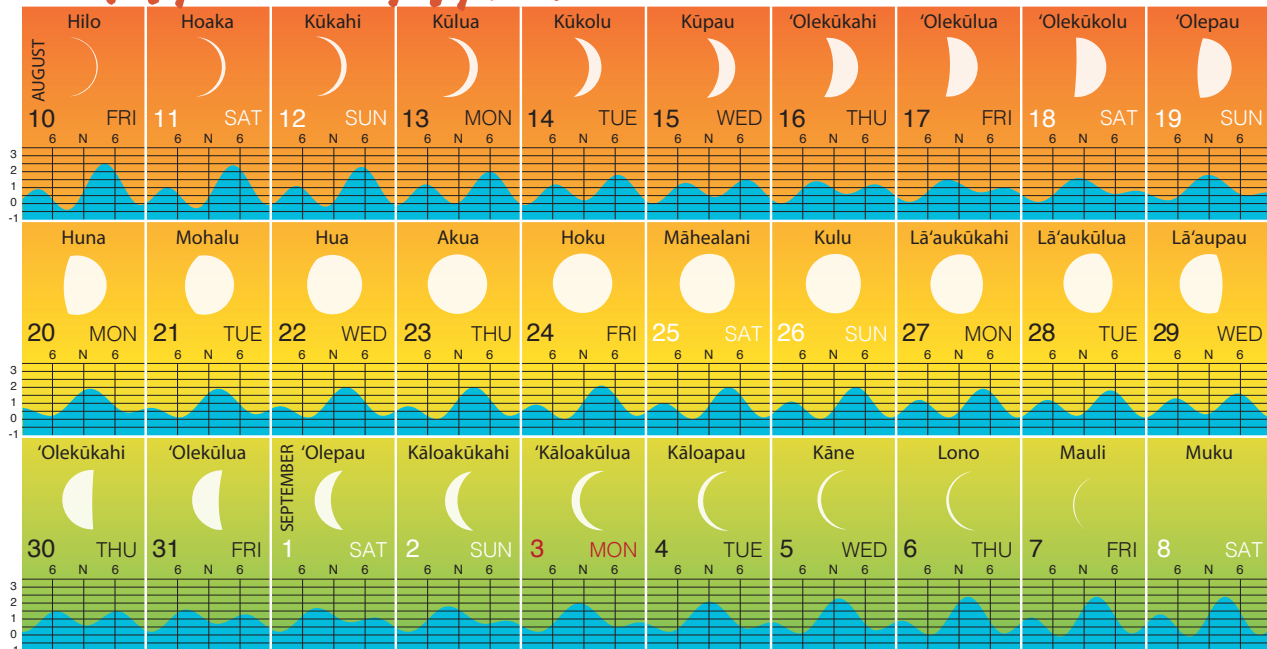
Hinai'e'e'e'e

Julai 12 - 'Aukake 9, 2018



Mahoe Mua

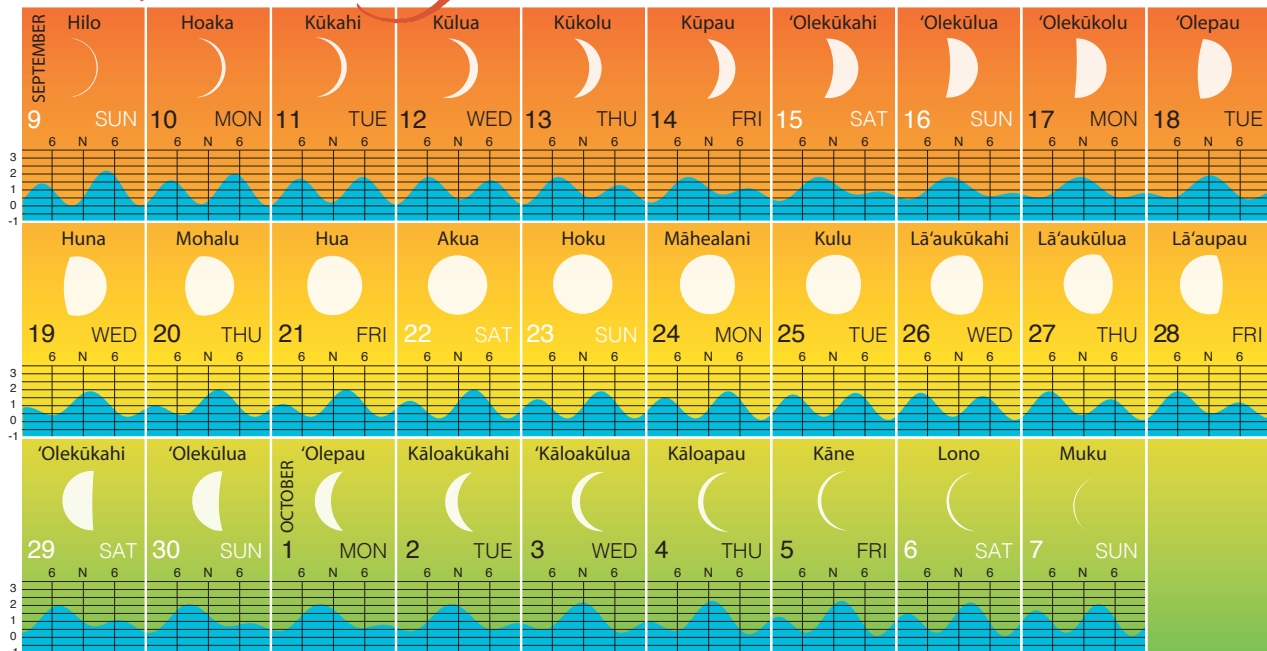
Aukake 10 - Kepakemape 8, 2018



September 3: Labor Day

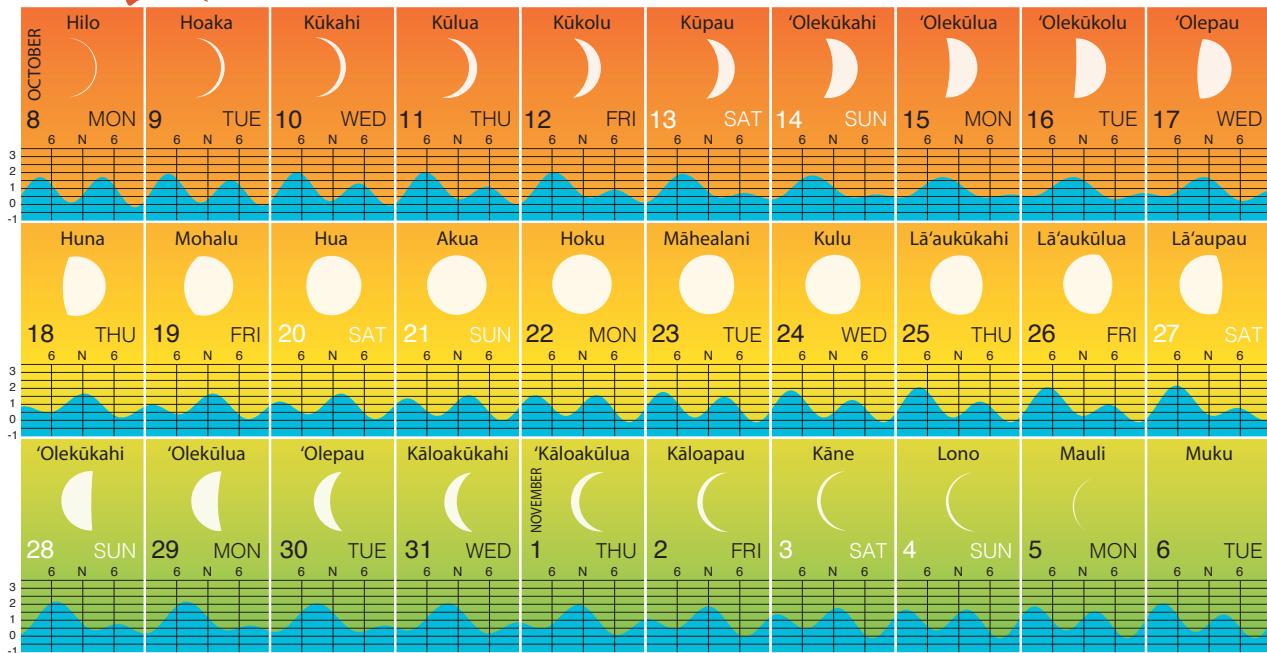
Mahoe Hope

Kepakemape 9 - Okakopa 7, 2018



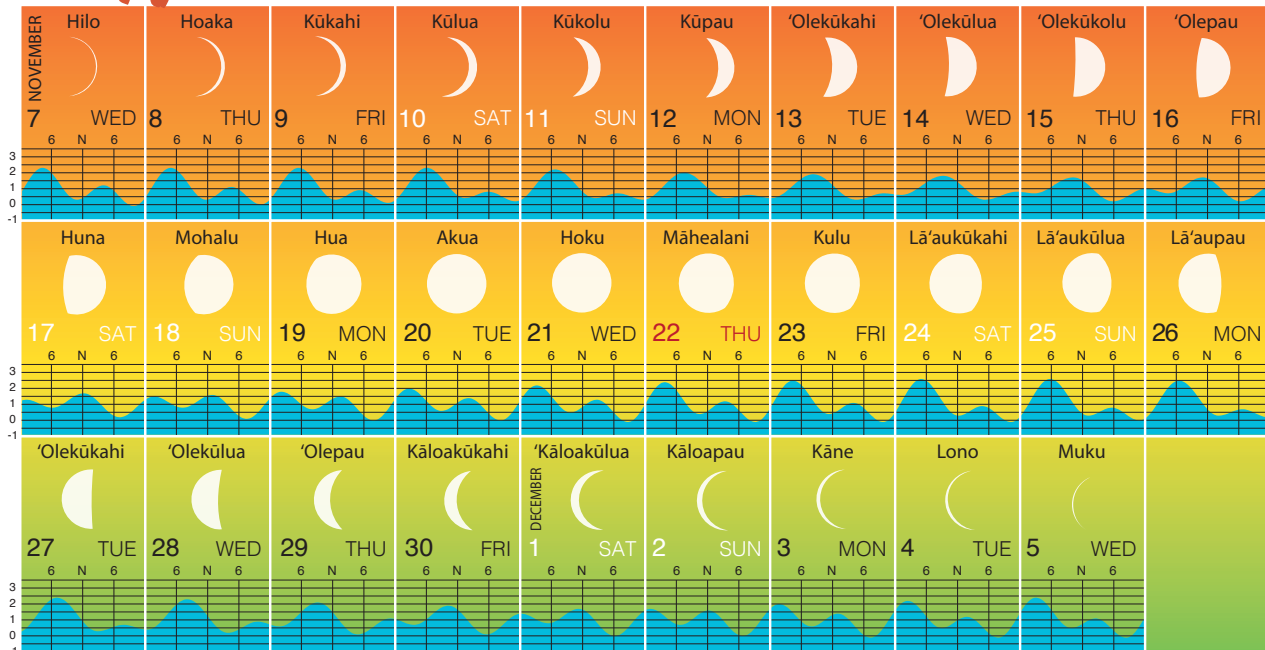
'Ikuwā

'Okakopa 8 - Nowemapa 6, 2018



Welehu

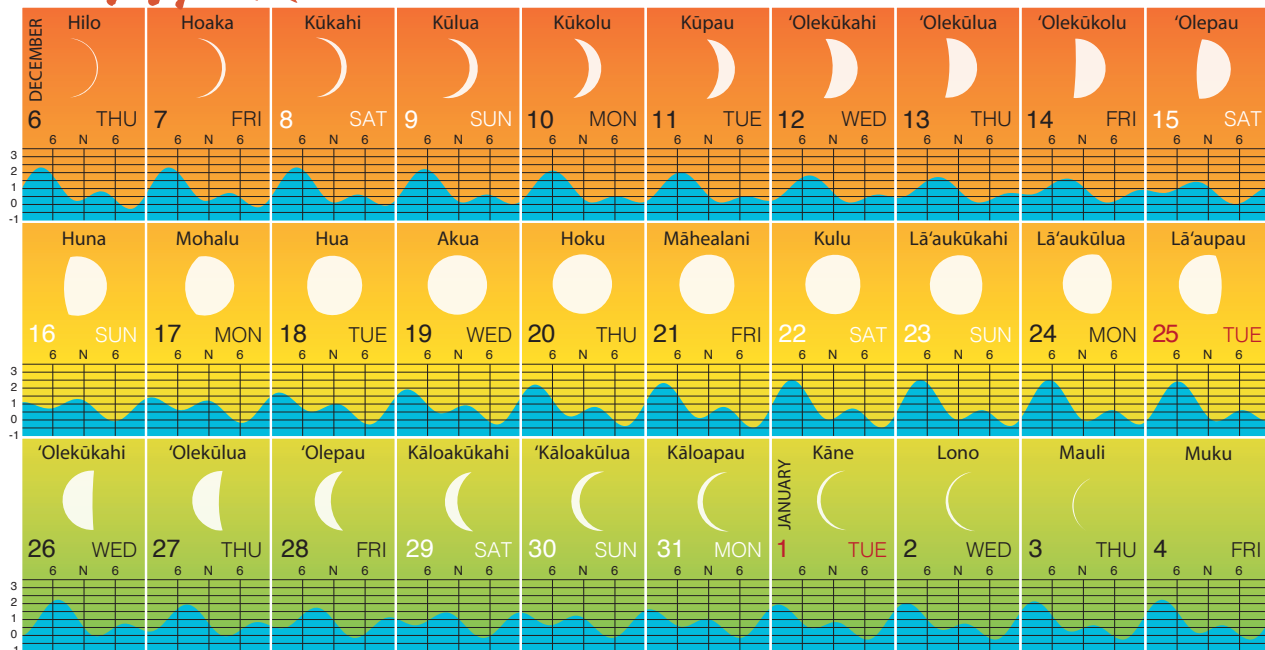
Nowemapa 7 - Kēkēmapa 5, 2018



November 22: Thanksgiving

Makali'i

Kēkēmapa 6, 2018 - 'Ianuāli 4, 2019



December 25: Christmas Day • January 1: New Years Day

Rise and Set Times

January			12 R 03:31 S 14:50			26 S 04:04 R 16:15			7 R 01:23 S 13:31			21 S 01:24 S 14:31			September			14 R 11:38 S 22:50			27 S 11:16 R 22:44		
16	R 06:54	S 18:11	13	R 04:15	S 15:41	27	S 04:45	R 17:11	8	R 02:01	S 12:24	22	S 02:04	R 15:23	1	S 11:42	R 23:19	15	R 12:27	S 22:39	28	S 12:07	R 23:46
17	R 07:39	S 19:02	14	R 04:58	S 16:33	28	S 05:24	R 18:06	9	R 02:41	S 15:20	23	S 02:47	R 16:15	2	S 12:40		16	R 13:15		29	S 12:54	
18	R 08:22	S 19:53	15	R 05:39	S 17:26	29	S 06:04	R 19:00	10	R 03:23	S 16:18	24	S 03:32	R 17:05	3	R 00:10	S 13:40	17	S 00:29	R 13:59	30	R 00:46	S 13:37
19	R 09:04	S 20:44	16	R 06:19	S 18:19	30	S 06:45	R 19:54	11	R 04:08	S 17:20	25	S 04:19	R 17:54	4	R 01:04	S 01:04	18	S 01:20	R 14:41			
20	R 09:43	S 21:36	17	R 06:59	S 19:11				12	R 04:58	S 18:24	26	S 05:08	R 18:41	5	R 02:03	S 15:40	19	S 02:11	R 15:20			
21	R 10:21	S 22:28	18	R 07:38	S 20:07	May			13	R 05:52	S 19:33	27	S 05:58	R 19:25	6	R 03:06	S 16:37	20	S 03:02	R 15:58	1	R 01:44	S 14:19
22	R 11:00	S 23:22	19	R 08:19	S 21:03	1	S 07:27	R 20:47	14	R 06:52	S 20:37	28	S 06:48	R 20:07	7	R 04:10	S 17:31	21	S 03:53	R 16:36	2	R 02:40	S 14:58
23	R 11:39		20	R 09:01	S 22:02	2	S 08:11	R 21:39	15	R 07:56	S 21:36	29	S 07:39	R 20:46	8	R 05:15	S 18:20	22	S 04:45	R 17:13	3	R 03:36	S 15:38
24	S 00:17	R 12:20	21	R 9:46	S 23:02	3	S 8:57	R 22:30	16	R 09:01	S 22:30	30	S 08:29	R 21:24	9	R 06:17	S 19:08	23	S 05:38	R 17:51	4	R 04:32	S 16:19
25	S 01:14	R 13:04	22	R 10:34		4	S 09:44	R 23:19	17	R 10:05	S 23:19	31	S 09:20	R 22:01	10	R 07:19	S 19:51	24	S 06:33	R 18:31	5	R 05:28	S 17:01
26	S 02:14	R 13:52	23	S 00:02	R 11:27	5	S 10:33		18	R 11:06					11	R 08:19	S 20:32	25	S 07:29	R 19:14	6	R 06:23	S 17:46
27	S 03:16	R 14:46	24	S 01:01	R 12:24	6	R 00:05	S 11:23	19	S 00:04	R 12:05	August			12	R 09:17	S 21:14	26	S 08:28	R 20:01	7	R 07:18	S 18:33
28	S 04:19	R 15:45	25	S 02:00	R 13:23	7	R 00:48	S 12:14	20	S 00:04	R 13:02	1	S 10:11	R 22:37	13	R 10:13	S 21:56	27	S 09:28	R 20:52	8	R 08:11	S 19:22
29	S 05:22	R 16:48	26	S 02:56	R 14:25	8	R 01:30	S 13:05	21	S 01:26	R 13:56	2	S 11:02	R 23:15	14	R 11:09	S 22:39	28	S 10:29	R 21:48	9	R 09:01	S 20:12
30	S 06:23	R 17:53	27	S 03:49	R 15:26	9	R 02:09	S 13:57	22	S 02:05	R 14:50	3	S 11:55	R 23:54	15	R 12:03	S 23:24	29	S 11:28	R 22:47	10	R 09:48	S 21:02
31	S 07:20	R 18:58	28	S 04:38	R 16:27	10	R 02:48	S 14:49	23	S 02:44	R 15:43	4	S 12:51		16	R 12:55		30	S 12:25	R 12:25	11	R 10:33	S 21:53
February			29	S 05:24	R 17:27	11	R 03:27	S 15:43	24	S 03:23	R 16:35	5	R 00:37	R 13:49	17	S 00:10	R 13:46	31	S 13:19		12	R 11:14	S 22:43
15	R 07:02	S 18:39	30	S 06:07	R 18:25	12	R 04:07	S 16:38	25	S 04:05	R 17:27	6	R 01:25	S 14:49	18	S 00:58	R 14:34	November			13	R 11:52	S 23:33
16	R 07:43	S 19:32	31	S 06:48	R 19:21	13	R 04:48	S 17:36	26	S 04:48	R 18:19	7	R 02:18	S 15:52	19	S 01:48	R 15:20	1	R 00:51	S 14:08	14	R 12:29	
17	R 08:22	S 20:24	April			14	R 05:32	S 18:37	27	S 05:34	R 19:09	8	R 03:17	S 16:55	20	S 02:38	R 16:03	2	R 01:52	S 14:54	15	S 00:22	R 13:05
18	R 09:00	S 21:18	1	S 07:29	R 10:16	15	R 06:20	S 19:42	28	S 06:22	R 19:57	9	R 04:20	S 17:56	21	S 03:29	R 16:44	3	R 02:51	S 15:37	16	S 01:15	R 13:41
19	R 09:39	S 22:12	2	S 08:09	R 21:11	16	R 07:12	S 20:47	29	S 07:11	R 20:43	10	R 05:25	S 18:53	22	S 04:20	R 17:23	4	R 03:50	S 16:19	17	S 02:06	R 14:18
20	R 10:20	S 23:09	3	S 08:51	R 22:04	17	R 08:08	S 21:50	30	S 08:02	R 21:26	11	R 06:30	S 19:47	23	S 05:11	R 18:01	5	R 04:47	S 16:59	18	S 03:00	R 14:58
21	R 11:02		4	S 09:34	R 22:57	18	R 09:09	S 22:50				12	R 07:35	S 20:34	24	S 06:02	R 18:38	6	R 05:45	S 17:41	19	S 03:56	R 15:41
22	S 00:07	R 11:48	5	S 10:18	R 23:48	19	R 10:11	S 23:45	July			13	R 08:37	S 21:18	25	S 06:54	R 19:15	7	R 06:42	S 18:23	20	S 04:56	R 16:29
23	S 01:06	R 12:38	6	S 11:04		20	R 11:13		1	S 08:02	R 22:07	14	R 09:37	S 21:59	26	S 07:47	R 19:54	8	R 07:38	S 19:07	21	S 05:58	R 17:23
24	S 02:06	R 13:32	7	R 00:37	S 11:52	21	S 00:35	S 12:14	2	S 09:43	R 22:46	15	R 10:35	S 22:40	27	S 08:41	R 20:34	9	R 08:33	S 19:53	22	S 07:02	R 18:22
25	S 03:07	R 14:31	8	R 01:24	S 12:41	22	S 01:21	R 13:13	3	S 10:33	R 23:23	16	R 11:30	S 23:20	28	S 09:37	R 21:18	10	R 09:27	S 20:41	23	S 08:05	R 19:25
26	S 04:07	R 15:33	9	R 02:10	S 13:32	23	S 02:05	R 14:10	4	S 11:24	R 00:00	17	R 12:25		29	S 10:35	R 22:05	11	R 10:19	S 21:30	24	S 09:05	R 20:30
27	S 05:04	R 16:37	10	R 02:53	S 14:23	24	S 02:45	R 15:06	5	S 12:15		18	R 00:02	S 13:18	30	S 11:34	R 22:57	12	R 11:08	S 22:20	25	S 10:01	R 21:35
28	S 05:57	R 17:40	11	R 03:43	S 15:15	25	S 03:24	R 16:00	6	R 00:36	S 13:08	19	R 00:45	S 14:10				13	R 11:54	S 23:10	26	S 10:51	R 22:38
March			12	R 04:14	S 16:08	26	S 04:03	R 16:53	7	R 01:16	S 14:04	20	S 01:29	R 15:01	October			14	R 12:37		27	S 11:37	R 23:39
1	S 06:46	R 18:42	13	R 04:54	S 17:02	27	S 04:43	R 17:47	8	R 01:58	S 15:02	21	S 02:16	R 15:51	1	S 12:34	R 23:53	15	S 00:01	S 13:17	28	S 12:19	
2	S 07:32	R 19:42	14	R 05:33	S 17:57	28	S 05:24	R 18:40	9	R 02:45	S 16:03	22	S 03:04	R 16:38	2	S 13:32		16	S 00:53	R 13:55	29	S 00:36	R 13:00
3	S 08:15	R 20:40	15	R 06:14	S 18:53	29	S 06:06	R 19:32	10	R 03:37	S 17:07	23	S 03:53	R 17:23	3	R 00:55	R 14:29	17	S 01:43	R 14:32	30	S 01:32	R 13:39
4	S 08:56	R 21:36	16	R 06:56	S 19:52	30	S 06:51	R 20:24	11	R 04:34	S 18:12	24	S 04:44	R 18:06	4	R 01:56	S 15:22	18	S 02:34	R 15:09	31	R 02:27	R 14:19
5	S 09:36	R 22:30	17	R 07:41	S 20:54	31	S 07:38	R 21:13	12	R 05:36	S 19:15	25	S 05:35	R 18:46	5	R 02:59	S 16:11	19	S 03:26	R 15:46	January		
6	S 10:17	R 22:23	18	R 08:30	S 21:56				13	R 06:40	S 20:18	26	S 06:26	R 19:24	6	R 04:01	S 16:58	20	S 04:20	R 16:25	1	R 03:22	S 15:00
7	S 10:58		19	R 09:22	S 22:58	June			14	R 07:47	S 21:11	27	S 07:16	R 20:02	7	R 05:02	S 17:41	21	S 05:16	R 17:07	2	R 04:17	S 15:43
8	R 00:15	S 11:41	20	S 10:18	S 23:58	1	S 08:27	R 22:01	15	R 08:52	S 21:59	28	S 08:07	R 20:38	8	R 06:02	S 18:24	22	S 06:14	R 17:53	3	R 05:11	S 16:29
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			25	S 03:21	R 15:18	5	R 00:07	S 11:48	19	R 00:04	S 12:45				12	R 10:45	S 21:16	26	S 10:20	R 21:41			
						6	R 00:45	S 12:39	20	S 00:04	S 13:38				13	R 10:45	S 22:02						

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