



## Lelu, Kosrae

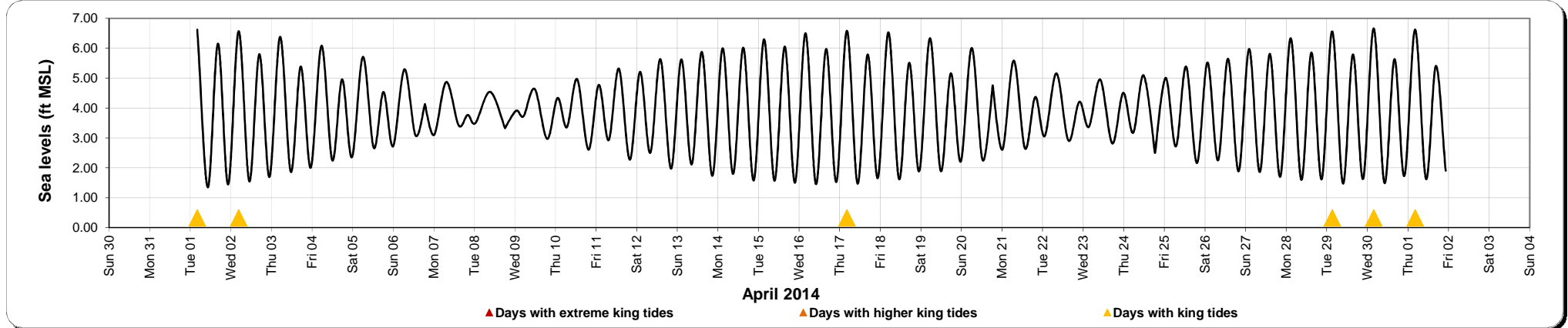
### Tide and monthly sea-level fluctuation forecasts

April 2014

All sea levels are forecast to be higher than normal by 3 inches (0.075 m) this month

Predictions are in feet

Tue 01 Apr		Wed 02 Apr		Thu 03 Apr		Fri 04 Apr		Sat 05 Apr		Sun 06 Apr		Mon 07 Apr		Tue 08 Apr	
4:08 a.m.	6.62	4:38 a.m.	6.57	5:08 a.m.	6.38	5:36 a.m.	6.08	6:05 a.m.	5.71	6:37 a.m.	5.30	12:12 a.m.	3.10	12:33 a.m.	3.50
10:21 a.m.	1.35	10:54 a.m.	1.55	11:26 a.m.	1.86	11:58 a.m.	2.25	12:31 p.m.	2.67	1:12 p.m.	3.08	7:21 a.m.	4.87	9:16 a.m.	4.54
4:22 p.m.	6.15	4:52 p.m.	5.80	5:20 p.m.	5.39	5:46 p.m.	4.96	6:13 p.m.	4.53	6:43 p.m.	4.13	2:43 p.m.	3.42	6:03 p.m.	3.33
10:23 p.m.	1.45	10:47 p.m.	1.69	11:10 p.m.	2.00	11:32 p.m.	2.35	11:52 p.m.	2.72			8:00 p.m.	3.77		
Wed 09 Apr		Thu 10 Apr		Fri 11 Apr		Sat 12 Apr		Sun 13 Apr		Mon 14 Apr		Tue 15 Apr		Wed 16 Apr	
12:38 a.m.	3.91	1:09 a.m.	4.34	1:32 a.m.	4.77	1:57 a.m.	5.21	2:23 a.m.	5.62	2:49 a.m.	6.00	3:17 a.m.	6.30	3:46 a.m.	6.50
5:03 a.m.	3.73	6:38 a.m.	3.36	7:21 a.m.	2.92	7:54 a.m.	2.50	8:25 a.m.	2.11	8:56 a.m.	1.79	9:27 a.m.	1.57	9:59 a.m.	1.46
11:37 a.m.	4.64	12:44 p.m.	4.97	1:25 p.m.	5.32	1:58 p.m.	5.63	2:29 p.m.	5.87	2:59 p.m.	6.02	3:30 p.m.	6.05	4:01 p.m.	5.97
6:59 p.m.	2.97	7:27 p.m.	2.61	7:52 p.m.	2.27	8:17 p.m.	1.97	8:41 p.m.	1.73	9:06 p.m.	1.57	9:32 p.m.	1.50	9:59 p.m.	1.53
Thu 17 Apr		Fri 18 Apr		Sat 19 Apr		Sun 20 Apr		Mon 21 Apr		Tue 22 Apr		Wed 23 Apr		Thu 24 Apr	
4:16 a.m.	6.58	4:48 a.m.	6.53	5:24 a.m.	6.33	6:03 a.m.	6.01	12:12 a.m.	2.61	1:11 a.m.	3.06	3:18 a.m.	3.37	5:29 a.m.	3.17
10:32 a.m.	1.47	11:08 a.m.	1.62	11:47 a.m.	1.89	12:33 p.m.	2.25	6:53 a.m.	5.59	8:08 a.m.	5.16	10:01 a.m.	4.95	11:41 a.m.	5.10
4:33 p.m.	5.79	5:07 p.m.	5.51	5:44 p.m.	5.16	6:29 p.m.	4.76	1:34 p.m.	2.65	3:15 p.m.	2.91	5:11 p.m.	2.81	6:25 p.m.	2.50
10:28 p.m.	1.65	10:58 p.m.	1.88	11:32 p.m.	2.21			7:37 p.m.	4.37	9:41 p.m.	4.21	11:37 p.m.	4.51		
Fri 25 Apr		Sat 26 Apr		Sun 27 Apr		Mon 28 Apr		Tue 29 Apr		Wed 30 Apr		Thu 01 May			
12:43 a.m.	5.01	1:28 a.m.	5.52	2:06 a.m.	5.97	2:40 a.m.	6.33	3:13 a.m.	6.56	3:44 a.m.	6.66	4:15 a.m.	6.62		
6:45 a.m.	2.72	7:37 a.m.	2.25	8:20 a.m.	1.86	8:58 a.m.	1.60	9:34 a.m.	1.48	10:08 a.m.	1.49	10:41 a.m.	1.63		
12:48 p.m.	5.38	1:38 p.m.	5.65	2:20 p.m.	5.81	2:56 p.m.	5.85	3:30 p.m.	5.79	4:02 p.m.	5.63	4:33 p.m.	5.41		
7:14 p.m.	2.16	7:52 p.m.	1.88	8:26 p.m.	1.70	8:57 p.m.	1.61	9:25 p.m.	1.63	9:53 p.m.	1.73	10:19 p.m.	1.90		



The tide predictions for Kosrae are based on one year of sea-level data recorded at the Marine Resources dock in Lelu Harbour (20 November 2011 to 20 November 2012). Predictions do not include meteorological effects on water levels. Tide levels are relative to local land vertical datum on Kosrae (Mean Sea Level, MSL). Times are local standard time. Times are likely to be accurate to about +/- 30 minutes.

**Disclaimer:** This tide data are not intended for use in piloting or engineering design. We make no representation regarding the accuracy of the tide predictions, the use of which they may be put or the results to be obtained from the predictions. Accordingly we accept no liability for any loss or damage (whether direct or indirect) incurred by an person through the use or reliance of these predictions.

Spreadsheet developed by Doug Ramsay, National Institute of Water & Atmospheric Research Ltd (NIWA), New Zealand. Email: doug.ramsay@niwa.co.nz

Spreadsheet Version 3.8, November 2013.