

## Lelu, Kosrae

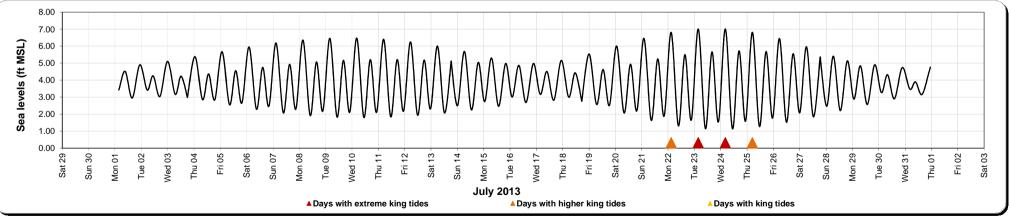


## Tide and monthly sea-level fluctuation forecasts July 2013

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

Predictions are in feet

Mon 01 Jul		Tue 02 Jul		Wed 03 Jul		Thu 04 Jul		Fri 05 Jul		Sat 06 Jul		Sun 07 Jul		Mon 08 Jul	
3:30 a.m.	3.43	5:21 a.m.	3.42	6:52 a.m.	3.17	12:50 a.m.	5.39	1:33 a.m.	5.68	2:10 a.m.	5.95	2:43 a.m.	6.18	3:15 a.m.	6.36
9:12 a.m.	4.52	10:44 a.m.	4.26	12:12 p.m.	4.24	7:46 a.m.	2.86	8:23 a.m.	2.56	8:54 a.m.	2.29	9:24 a.m.	2.08	9:52 a.m.	1.92
3:42 p.m.	2.95	4:55 p.m.	3.04	6:01 p.m.	2.99	1:15 p.m.	4.37	1:59 p.m.	4.56	2:35 p.m.	4.75	3:08 p.m.	4.93	3:39 p.m.	5.07
10:40 p.m.	4.91	11:53 p.m.	5.11			6:53 p.m.	2.84	7:35 p.m.	2.65	8:12 p.m.	2.46	8:46 p.m.	2.30	9:18 p.m.	2.17
Tue 09 Jul		Wed 10 Jul		Thu 11 Jul		Fri 12 Jul		Sat 13 Jul		Sun 14 Jul		Mon 15 Jul		Tue 16 Jul	
3:46 a.m.	6.46	4:16 a.m.	6.48	4:45 a.m.	6.40	5:16 a.m.	6.25	5:47 a.m.	6.01	12:03 a.m.	2.50	12:49 a.m.	2.74	1:53 a.m.	3.01
10:20 a.m.	1.83	10:48 a.m.	1.81	11:15 a.m.	1.85	11:44 a.m.	1.94	12:14 p.m.	2.08	6:22 a.m.	5.69	7:03 a.m.	5.30	8:00 a.m.	4.87
4:09 p.m.	5.16	4:39 p.m.	5.21	5:10 p.m.	5.21	5:43 p.m.	5.18	6:19 p.m.	5.12	12:49 p.m.	2.25	1:31 p.m.	2.47	2:29 p.m.	2.69
9:49 p.m.	2.11	10:20 p.m.	2.11	10:52 p.m.	2.18	11:25 p.m.	2.31			7:03 p.m.	5.05	7:59 p.m.	4.98	9:16 p.m.	4.98
Wed 17 Jul		Thu 18 Jul		Fri 19 Jul		Sat 20 Jul		Sun 21 Jul		Mon 22 Jul		Tue 23 Jul		Wed 24 Jul	
3:31 a.m.	3.17	5:26 a.m.	3.00	12:02 a.m.	5.54	1:05 a.m.	6.00	1:58 a.m.	6.46	2:45 a.m.	6.81	3:28 a.m.	7.00	4:09 a.m.	7.01
9:31 a.m.	4.51	11:19 a.m.	4.44	6:51 a.m.	2.57	7:51 a.m.	2.08	8:39 a.m.	1.64	9:22 a.m.	1.32	10:02 a.m.	1.15	10:39 a.m.	1.14
3:51 p.m.	2.82	5:19 p.m.	2.76	12:43 p.m.	4.63	1:45 p.m.	4.94	2:34 p.m.	5.25	3:18 p.m.	5.50	3:59 p.m.	5.66	4:39 p.m.	5.72
10:44 p.m.	5.16			6:31 p.m.	2.52	7:30 p.m.	2.19	8:20 p.m.	1.88	9:06 p.m.	1.65	9:48 p.m.	1.54	10:30 p.m.	1.58
Thu 25 Jul		Fri 26 Jul		Sat 27 Jul		Sun 28 Jul		Mon 29 Jul		Tue 30 Jul		Wed 31 Jul			
4:48 a.m.	6.81	5:25 a.m.	6.45	6:01 a.m.	5.96	12:31 a.m.	2.47	1:17 a.m.	2.89	2:21 a.m.	3.27	4:18 a.m.	3.47		
11:15 a.m.	1.28	11:50 a.m.	1.53	12:23 p.m.	1.85	6:36 a.m.	5.41	7:11 a.m.	4.85	7:55 a.m.	4.32	9:23 a.m.	3.90		
5:18 p.m.	5.68	5:56 p.m.	5.55	6:36 p.m.	5.36	12:54 p.m.	2.21	1:27 p.m.	2.57	2:08 p.m.	2.90	3:24 p.m.	3.16		
11:10 p.m.	1.77	11:50 p.m.	2.08			7:18 p.m.	5.13	8:10 p.m.	4.90	9:23 p.m.	4.74	10:59 p.m.	4.76		



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 relience 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 3.7, April 2013.