

## Lelu, Kosrae

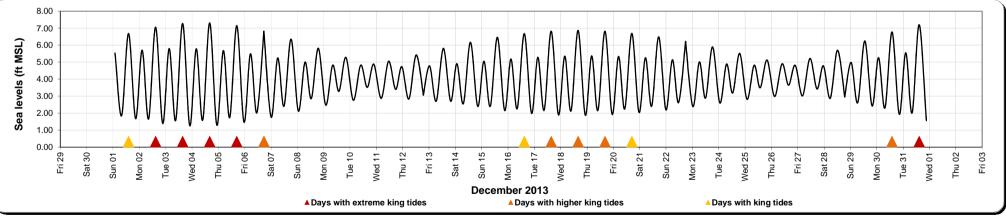


## Tide and monthly sea-level fluctuation forecasts December 2013

All sea levels are forecast to be higher than normal by 4 inches (0.1 m) this month

Predictions are in feet

Sun 01 Dec		Mon 02 Dec		Tue 03 Dec		Wed 04 Dec		Thu 05 Dec		Fri 06 Dec		Sat 07 Dec		Sun 08 Dec	
1:50 a.m.	5.53	2:32 a.m.	5.71	3:13 a.m.	5.79	3:54 a.m.	5.79	4:35 a.m.	5.68	5:18 a.m.	5.49	12:06 a.m.	1.77	12:55 a.m.	2.13
7:47 a.m.	1.85	8:25 a.m.	1.66	9:03 a.m.	1.56	9:41 a.m.	1.58	10:20 a.m.	1.74	11:01 a.m.	2.02	6:06 a.m.	5.25	7:01 a.m.	5.00
2:11 p.m.	6.69	2:49 p.m.	7.06	3:27 p.m.	7.27	4:07 p.m.	7.31	4:48 p.m.	7.15	5:30 p.m.	6.82	11:46 a.m.	2.40	12:38 p.m.	2.85
8:37 p.m.	1.68	9:17 p.m.	1.40	9:58 p.m.	1.27	10:39 p.m.	1.30	11:21 p.m.	1.47			6:15 p.m.	6.35	7:06 p.m.	5.82
Mon 09 Dec		Tue 10 Dec		Wed 11 Dec		Thu 12 Dec		Fri 13 Dec		Sat 14 Dec		Sun 15 Dec		Mon 16 Dec	
1:52 a.m.	2.48	3:03 a.m.	2.76	4:23 a.m.	2.87	5:34 a.m.	2.83	12:26 a.m.	4.78	1:20 a.m.	4.91	2:01 a.m.	5.05	2:36 a.m.	5.18
8:12 a.m.	4.82	9:42 a.m.	4.82	11:11 a.m.	5.06	12:17 p.m.	5.43	6:29 a.m.	2.70	7:11 a.m.	2.55	7:47 a.m.	2.40	8:19 a.m.	2.27
1:51 p.m.	3.28	3:40 p.m.	3.52	5:32 p.m.	3.40	6:50 p.m.	3.06	1:05 p.m.	5.81	1:43 p.m.	6.17	2:17 p.m.	6.46	2:48 p.m.	6.68
8:11 p.m.	5.29	9:37 p.m.	4.89	11:11 p.m.	4.73			7:41 p.m.	2.71	8:20 p.m.	2.40	8:54 p.m.	2.16	9:24 p.m.	1.99
Tue 17 Dec		Wed 18 Dec		Thu 19 Dec		Fri 20 Dec		Sat 21 Dec		Sun 22 Dec		Mon 23 Dec		Tue 24 Dec	
3:08 a.m.	5.29	3:39 a.m.	5.35	4:09 a.m.	5.37	4:39 a.m.	5.33	5:11 a.m.	5.26	5:44 a.m.	5.14	12:22 a.m.	2.40	12:59 a.m.	2.60
8:49 a.m.	2.17	9:19 a.m.	2.13	9:48 a.m.	2.16	10:18 a.m.	2.25	10:47 a.m.	2.40	11:18 a.m.	2.62	6:22 a.m.	5.01	7:08 a.m.	4.89
3:18 p.m.	6.82	3:48 p.m.	6.87	4:17 p.m.	6.82	4:47 p.m.	6.69	5:16 p.m.	6.49	5:47 p.m.	6.22	11:53 a.m.	2.89	12:37 p.m.	3.19
9:53 p.m.	1.91	10:22 p.m.	1.89	10:51 p.m.	1.94	11:20 p.m.	2.05	11:49 p.m.	2.20			6:20 p.m.	5.89	7:01 p.m.	5.52
Wed 25 Dec		Thu 26 Dec		Fri 27 Dec		Sat 28 Dec		Sun 29 Dec		Mon 30 Dec		Tue 31 Dec			
1:46 a.m.	2.81	2:52 a.m.	2.98	4:16 a.m.	3.02	5:31 a.m.	2.87	12:35 a.m.	4.98	1:33 a.m.	5.27	2:21 a.m.	5.55		
8:13 a.m.	4.82	9:40 a.m.	4.90	11:05 a.m.	5.22	12:12 p.m.	5.70	6:32 a.m.	2.61	7:23 a.m.	2.30	8:08 a.m.	2.01		
1:41 p.m.	3.49	3:34 p.m.	3.65	5:30 p.m.	3.43	6:48 p.m.	2.95	1:05 p.m.	6.25	1:52 p.m.	6.77	2:36 p.m.	7.20		
8:00 p.m.	5.12	9:35 p.m.	4.82	11:18 p.m.	4.79			7:43 p.m.	2.42	8:29 p.m.	1.94	9:11 p.m.	1.56		



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

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