

## Lelu, Kosrae

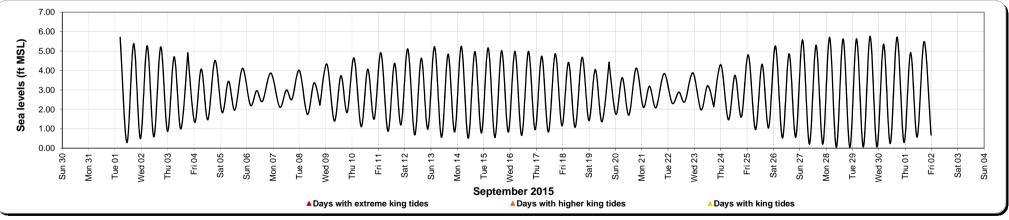


## Tide and monthly sea-level fluctuation forecasts September 2015

All sea levels are forecast to be lower than normal by 6 inches (0.15 m) this month

Predictions are in feet

| Tue 01 Sep |      | Wed 02 Sep |      | Thu 03 Sep |      | Fri 04 Sep |      | Sat 05 Sep |      | Sun 06 Sep |      | Mon 07 Sep |      | Tue 08 Sep |      |
|------------|------|------------|------|------------|------|------------|------|------------|------|------------|------|------------|------|------------|------|
| 4:41 a.m.  | 5.71 | 5:18 a.m.  | 5.27 | 5:56 a.m.  | 4.70 | 12:39 a.m. | 1.34 | 1:38 a.m.  | 1.84 | 3:23 a.m.  | 2.21 | 6:02 a.m.  | 2.12 | 7:16 a.m.  | 1.74 |
| 10:53 a.m. | 0.29 | 11:26 a.m. | 0.58 | 11:58 a.m. | 0.99 | 6:36 a.m.  | 4.07 | 7:26 a.m.  | 3.45 | 9:07 a.m.  | 2.96 | 12:11 p.m. | 2.99 | 1:22 p.m.  | 3.37 |
| 5:03 p.m.  | 5.38 | 5:41 p.m.  | 5.21 | 6:21 p.m.  | 4.91 | 12:31 p.m. | 1.46 | 1:09 p.m.  | 1.96 | 2:24 p.m.  | 2.41 | 5:14 p.m.  | 2.51 | 6:45 p.m.  | 2.21 |
| 11:10 p.m. | 0.50 | 11:52 p.m. | 0.86 |            |      | 7:07 p.m.  | 4.52 | 8:12 p.m.  | 4.11 | 10:01 p.m. | 3.87 | 11:57 p.m. | 4.01 |            |      |
| Wed 09 Sep |      | Thu 10 Sep |      | Fri 11 Sep |      | Sat 12 Sep |      | Sun 13 Sep |      | Mon 14 Sep |      | Tue 15 Sep |      | Wed 16 Sep |      |
| 1:03 a.m.  | 4.33 | 1:45 a.m.  | 4.65 | 2:16 a.m.  | 4.91 | 2:44 a.m.  | 5.11 | 3:11 a.m.  | 5.23 | 3:36 a.m.  | 5.24 | 4:01 a.m.  | 5.16 | 4:26 a.m.  | 4.99 |
| 7:53 a.m.  | 1.39 | 8:21 a.m.  | 1.11 | 8:45 a.m.  | 0.87 | 9:07 a.m.  | 0.69 | 9:29 a.m.  | 0.56 | 9:51 a.m.  | 0.52 | 10:12 a.m. | 0.55 | 10:34 a.m. | 0.66 |
| 1:54 p.m.  | 3.73 | 2:20 p.m.  | 4.07 | 2:44 p.m.  | 4.37 | 3:07 p.m.  | 4.63 | 3:31 p.m.  | 4.84 | 3:56 p.m.  | 4.97 | 4:21 p.m.  | 5.02 | 4:46 p.m.  | 4.98 |
| 7:32 p.m.  | 1.84 | 8:06 p.m.  | 1.49 | 8:35 p.m.  | 1.20 | 9:02 p.m.  | 0.97 | 9:29 p.m.  | 0.83 | 9:55 p.m.  | 0.78 | 10:22 p.m. | 0.83 | 10:49 p.m. | 0.95 |
| Thu 17 Sep |      | Fri 18 Sep |      | Sat 19 Sep |      | Sun 20 Sep |      | Mon 21 Sep |      | Tue 22 Sep |      | Wed 23 Sep |      | Thu 24 Sep |      |
| 4:50 a.m.  | 4.73 | 5:15 a.m.  | 4.42 | 5:42 a.m.  | 4.05 | 12:26 a.m. | 1.75 | 1:23 a.m.  | 2.11 | 3:42 a.m.  | 2.32 | 5:59 a.m.  | 1.98 | 12:05 a.m. | 4.29 |
| 10:55 a.m. | 0.83 | 11:17 a.m. | 1.07 | 11:42 a.m. | 1.36 | 6:14 a.m.  | 3.63 | 7:02 a.m.  | 3.19 | 9:46 a.m.  | 2.89 | 12:00 p.m. | 3.22 | 6:56 a.m.  | 1.46 |
| 5:12 p.m.  | 4.86 | 5:40 p.m.  | 4.68 | 6:13 p.m.  | 4.43 | 12:11 p.m. | 1.70 | 12:55 p.m. | 2.08 | 3:13 p.m.  | 2.39 | 5:37 p.m.  | 2.13 | 12:57 p.m. | 3.75 |
| 11:17 p.m. | 1.15 | 11:48 p.m. | 1.42 |            |      | 6:58 p.m.  | 4.12 | 8:22 p.m.  | 3.84 | 10:36 p.m. | 3.88 |            |      | 6:44 p.m.  | 1.60 |
| Fri 25 Sep |      | Sat 26 Sep |      | Sun 27 Sep |      | Mon 28 Sep |      | Tue 29 Sep |      | Wed 30 Sep |      | Thu 01 Oct |      |            |      |
| 1:02 a.m.  | 4.80 | 1:47 a.m.  | 5.26 | 2:28 a.m.  | 5.57 | 3:07 a.m.  | 5.70 | 3:44 a.m.  | 5.63 | 4:22 a.m.  | 5.35 | 4:59 a.m.  | 4.92 |            |      |
| 7:36 a.m.  | 0.96 | 8:11 a.m.  | 0.52 | 8:45 a.m.  | 0.21 | 9:19 a.m.  | 0.05 | 9:52 a.m.  | 0.06 | 10:24 a.m. | 0.24 | 10:55 a.m. | 0.57 |            |      |
| 1:38 p.m.  | 4.32 | 2:15 p.m.  | 4.86 | 2:52 p.m.  | 5.31 | 3:27 p.m.  | 5.62 | 4:03 p.m.  | 5.76 | 4:40 p.m.  | 5.72 | 5:16 p.m.  | 5.49 |            |      |
| 7:33 p.m.  | 1.05 | 8:16 p.m.  | 0.56 | 8:57 p.m.  | 0.21 | 9:37 p.m.  | 0.04 | 10:17 p.m. | 0.07 | 10:57 p.m. | 0.29 | 11:39 p.m. | 0.68 |            |      |



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 3.8, November 2013.