

Lelu, Kosrae Tide and monthly sea-level fluctuation forecasts

June 2013

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

N-LWA

Taihoro Nukurangi

Predictions are in feet Sat 01 Jun Sun 02 Jun Mon 03 Jun Tue 04 Jun Wed 05 Jun Thu 06 Jun Fri 07 Jun Sat 08 Jun 3.42 6.18 2:41 a.m. 3.34 4:31 a.m. 6:06 a.m. 3.22 12:39 a.m. 5.31 1:21 a.m. 5.64 1:56 a.m. 5.93 2:28 a.m. 2:58 a.m. 6.35 4.97 10:22 a.m. 4.70 4.64 2.91 7:55 a.m. 2.61 8:31 a.m. 2.35 9:03 a.m. 2.15 9:34 a.m. 2.01 8:54 a.m. 11:45 a.m. 7:10 a.m. 3:46 p.m. 2.80 5:02 p.m. 2.84 6:03 p.m. 2.76 12:48 p.m. 4.70 1:35 p.m. 4.81 2:13 p.m. 4.93 2:47 p.m. 5.03 3:19 p.m. 5.10 4.97 7:59 p.m. 8:30 p.m. 9:00 p.m. 10:26 p.m. 4.71 11:44 p.m. 6:49 p.m. 2.63 7:26 p.m. 2.49 2.36 2.25 2.18 Sun 09 Jun Mon 10 Jun Tue 11 Jun Wed 12 Jun Thu 13 Jun Fri 14 Jun Sat 15 Jun Sun 16 Jun 4:29 a.m. 12:17 a.m. 3:29 a.m. 6.46 3:59 a.m. 6.48 6.42 5:00 a.m. 6.28 5:32 a.m. 6.08 6:06 a.m. 5.83 2.85 1:11 a.m. 3.10 10:03 a.m. 1.94 10:33 a.m. 1.94 11:03 a.m. 1.99 11:33 a.m. 2.11 12:06 p.m. 2.25 12:42 p.m. 2.42 6:46 a.m. 5.53 7:38 a.m. 5.21 5.13 5.12 5.07 4.98 4.87 4.75 2.75 3:50 p.m. 4:21 p.m. 4:52 p.m. 5:25 p.m. 6:01 p.m. 6:44 p.m. 1:26 p.m. 2.60 2:24 p.m. 9:30 p.m. 2.16 10:00 p.m. 2.19 10:30 p.m. 2.29 11:01 p.m. 2.43 11:36 p.m. 2.63 7:39 p.m. 4.67 8:53 p.m. 4.68 Mon 17 Jun Tue 18 Jun Wed 19 Jun Thu 20 Jun Fri 21 Jun at 22 Jun Sun 23 Jun Mon 24 Jun 2:33 a.m. 3.30 4:23 a.m. 3.27 5:55 a.m. 2.96 12:30 a.m. 5.71 1:22 a.m. 6.20 2:09 a.m. 6.64 2:54 a.m. 6.97 3:38 a.m. 7.13 10:26 a.m. 4.76 11:50 a.m. 2.04 9:30 a.m. 1.37 8:53 a.m. 4.91 4.82 7:03 a.m. 2.50 7:58 a.m. 8:46 a.m. 1.64 10:13 a.m. 1.25 2.82 4:52 p.m. 2.75 2.57 5.01 5.23 5.43 3:27 p.m. 5.56 4:11 p.m. 5.61 3:37 p.m. 5:57 p.m. 12:57 p.m. 1:52 p.m. 2:41 p.m. 10:16 p.m. 4.87 11:29 p.m. 5.24 6:53 p.m. 2.32 7:42 p.m. 2.06 8:28 p.m. 1.85 9:13 p.m. 1.73 9:56 p.m. 1.72 Thu 27 Jun Sat 29 Jun Tue 25 Jun Wed 26 Jun Fri 28 Jun Sun 30 Jun Mon 01 Jul 4:21 a.m. 7.10 5:03 a.m. 6.90 5:45 a.m. 6.53 12:08 a.m. 2.41 12:58 a.m. 2.80 2:01 a.m. 3.17 3:30 a.m. 3.43 12:18 p.m. 10:55 a.m. 1.29 11:37 a.m. 1.46 1.74 6:27 a.m. 6.05 7:12 a.m. 5.51 8:03 a.m. 4.97 9:12 a.m. 4.52 5.57 5.46 5.29 2.07 2.42 2.73 2.95 4:54 p.m. 5:38 p.m. 6:23 p.m. 1:01 p.m. 1:46 p.m. 2:38 p.m. 3:42 p.m. 10:39 p.m. 1.84 11:23 p.m. 2.07 7:12 p.m. 5.10 8:10 p.m. 4.93 9:20 p.m. 4.85 10:40 p.m. 4.91 8.00 7.00 Sea levels (ft MSL) 6.00 5.00 4.00 3 00 2.00 1.00 0.00 Mon 03 -Thu 06 Sat 08 Sun 09 Mon 10 -Tue 11 Wed 12 Thu 13 Sat 15 Sun 16 Ved 19 Thu 20 Sun 23 Mon 24 -Tue 25 Wed 26 Fri 28 -Sat 29 Sun 30 -Tue 02 -Thu 04 Thu 30 Fri 31 Sat 01 Sun 02 Tue 04 Wed 05 Fri 07 4 17 18 Fri 21 Sat 22 Thu 27 Mon 01 03 Ë Non Tue Ved June 2013 Days with higher king tides Days with extreme king tides Days with king tides

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.