

## AUCKLAND

|                                   |  |                                    |  |                                    |  |                                    |  |
|-----------------------------------|--|------------------------------------|--|------------------------------------|--|------------------------------------|--|
| <b>1</b><br>Fri<br>01:54<br>14:18 | 02:52 0.8<br>09:14 3.1<br>15:10 0.7<br>21:40 3.2 | <b>9</b><br>Sat<br>08:04<br>20:27  | 02:53 2.9<br>09:01 1.0<br>15:17 2.8<br>21:25 1.0 | <b>17</b><br>Sun<br>03:10<br>15:40 | 03:39 0.4<br>10:04 3.5<br>16:00 0.3<br>22:30 3.6 | <b>25</b><br>Mon<br>09:50<br>22:14 | 04:56 3.0<br>11:08 0.8<br>17:36 3.1<br>23:32 0.9 |
| <b>2</b><br>Sat<br>02:43<br>15:07 | 03:33 0.9<br>09:54 3.0<br>15:49 0.8<br>22:20 3.1 | <b>10</b><br>Sun<br>08:51<br>21:16 | 03:45 3.0<br>09:54 0.9<br>16:15 2.9<br>22:21 1.0 | <b>18</b><br>Mon<br>04:09<br>16:37 | 04:35 0.5<br>10:58 3.4<br>16:53 0.4<br>23:24 3.5 | <b>26</b><br>Tue<br>10:37<br>23:01 | 05:48 3.0<br>11:57 0.8<br>18:26 3.1<br>24:13 0.4 |
| <b>3</b><br>Sun<br>03:31<br>15:54 | 04:15 0.9<br>10:34 3.0<br>16:27 0.8<br>23:00 3.1 | <b>11</b><br>Mon<br>09:41<br>22:08 | 04:39 3.1<br>10:48 0.7<br>17:13 3.1<br>23:15 0.8 | <b>19</b><br>Tue<br>05:04<br>17:30 | 05:31 0.5<br>11:53 3.3<br>17:48 0.5<br>24:18 0.8 | <b>27</b><br>Wed<br>11:25<br>23:50 | 06:19 0.9<br>12:43 0.7<br>19:11 3.1<br>25:04 0.8 |
| <b>4</b><br>Mon<br>04:18<br>16:41 | 04:58 0.9<br>11:14 2.9<br>17:08 0.9<br>23:42 3.0 | <b>12</b><br>Tue<br>10:35<br>23:03 | 05:32 3.2<br>11:41 0.6<br>18:08 3.2<br>24:03 0.6 | <b>20</b><br>Wed<br>05:56<br>18:20 | 06:19 3.4<br>12:49 3.2<br>18:45 0.6<br>24:42 0.8 | <b>28</b><br>Thu<br>12:14          | 07:03 0.9<br>13:26 0.7<br>19:54 3.2<br>25:42 0.8 |
| <b>5</b><br>Tue<br>05:04<br>17:26 | 05:43 1.0<br>11:56 2.9<br>17:51 1.0              | <b>13</b><br>Wed<br>11:32          | 06:07 0.7<br>12:33 0.5<br>19:01 3.4              | <b>21</b><br>Thu<br>06:45<br>19:08 | 07:26 0.7<br>13:46 3.1<br>19:46 0.8              | <b>29</b><br>Fri<br>00:38<br>13:03 | 08:07 3.0<br>14:06 0.7<br>20:35 3.2              |
| <b>6</b><br>Wed<br>05:49<br>18:11 | 06:26 3.0<br>12:40 1.0<br>18:39 1.0              | <b>14</b><br>Thu<br>00:03          | 06:59 0.6<br>13:25 3.3<br>19:53 3.5              | <b>22</b><br>Fri<br>07:32<br>19:55 | 07:22 0.7<br>14:45 3.1<br>20:47 0.8              | <b>30</b><br>Sat<br>01:27<br>13:51 | 08:27 0.9<br>14:44 0.7<br>21:14 3.2              |
| <b>7</b><br>Thu<br>06:34<br>18:56 | 07:13 2.9<br>13:28 2.8<br>19:31 1.1              | <b>15</b><br>Fri<br>01:05<br>13:36 | 07:22 3.3<br>14:17 0.3<br>20:45 3.6              | <b>23</b><br>Sat<br>08:18<br>20:41 | 08:08 3.1<br>15:45 3.0<br>21:46 0.9              |                                    |  |
| <b>8</b><br>Fri<br>07:18<br>19:41 | 08:02 2.9<br>14:20 1.0<br>20:28 1.1              | <b>16</b><br>Sat<br>02:08<br>14:39 | 08:16 3.4<br>15:08 0.2<br>21:37 3.6              | <b>24</b><br>Sun<br>09:04<br>21:27 | 08:48 3.0<br>16:42 3.0<br>22:41 0.9              |                                    |  |

| PLACE             | HIGH   | LOW    | PLACE                   | HIGH   | LOW    |
|-------------------|--------|--------|-------------------------|--------|--------|
| Maraetai          | -00:15 | -00:15 | Murrays Bay             | -00:25 | -00:03 |
| Onetanga Bay      | +00:04 | -00:07 | Tiritiri Matangi Island | +00:10 | -00:03 |
| Coromandel Harb   | -00:21 | -00:15 | Wetiki River Entrance   | +00:01 | +00:07 |
| Thames (Rocky Pt) | -00:17 | -00:12 | Mansion House Bay       | -00:15 | -00:04 |
| Mahurangi Harb    | +00:02 | +00:12 | Man O' War Bay          | -00:18 | -00:08 |
| Mangahai Hds      | +00:05 | +00:05 | Matiatia Bay            | +00:01 | +00:12 |
| Matakana River    | +00:05 | +00:05 |                         |        |        |

## TAURANGA

|                                   |  |                                    |  |                                    |  |                                    |  |
|-----------------------------------|--|------------------------------------|--|------------------------------------|--|------------------------------------|--|
| <b>1</b><br>Fri<br>01:48<br>14:12 | 02:54 0.4<br>09:02 1.8<br>15:09 0.3<br>21:32 1.9 | <b>9</b><br>Sat<br>07:58<br>20:21  | 02:38 1.7<br>08:49 0.5<br>15:05 1.7<br>21:08 0.5 | <b>17</b><br>Sun<br>03:04<br>15:34 | 03:35 0.2<br>09:50 2.0<br>15:54 0.1<br>22:22 2.1 | <b>25</b><br>Mon<br>09:44<br>22:08 | 04:44 1.8<br>10:57 0.4<br>17:22 1.8<br>23:22 0.5 |
| <b>2</b><br>Sat<br>02:37<br>15:01 | 03:36 0.4<br>09:43 1.8<br>15:48 0.4<br>22:13 1.8 | <b>10</b><br>Sun<br>08:45<br>21:10 | 03:29 1.8<br>09:42 0.4<br>16:01 1.7<br>22:04 0.5 | <b>18</b><br>Mon<br>04:03<br>16:31 | 04:30 0.2<br>10:46 2.0<br>16:47 0.1<br>23:16 2.1 | <b>26</b><br>Tue<br>10:32<br>22:55 | 05:34 1.8<br>11:47 0.4<br>18:12 1.8              |
| <b>3</b><br>Sun<br>03:25<br>15:48 | 04:18 0.5<br>10:24 1.7<br>16:28 0.4<br>22:54 1.8 | <b>11</b><br>Mon<br>09:35<br>22:02 | 04:22 1.8<br>10:36 0.4<br>16:57 1.8<br>23:01 0.4 | <b>19</b><br>Tue<br>04:58<br>17:24 | 05:24 0.2<br>11:42 1.9<br>17:42 0.2              | <b>27</b><br>Wed<br>11:20<br>23:44 | 06:13 0.5<br>12:34 0.4<br>18:58 1.8              |
| <b>4</b><br>Mon<br>04:12<br>16:35 | 05:00 0.5<br>11:05 1.7<br>17:08 0.4<br>23:35 1.8 | <b>12</b><br>Tue<br>10:29<br>22:57 | 05:16 1.8<br>11:30 0.3<br>17:53 1.9<br>23:56 0.4 | <b>20</b><br>Thu<br>05:50<br>18:14 | 06:11 2.0<br>12:38 1.9<br>18:38 0.3              | <b>28</b><br>Thu<br>12:08          | 07:00 0.5<br>13:18 0.3<br>19:42 1.8              |
| <b>5</b><br>Tue<br>04:58<br>17:21 | 05:42 0.5<br>11:47 1.7<br>17:50 0.5              | <b>13</b><br>Wed<br>11:27<br>23:57 | 06:11 1.9<br>12:24 0.2<br>18:47 1.9              | <b>21</b><br>Thu<br>06:39<br>19:02 | 07:07 0.3<br>13:37 1.8<br>19:35 0.3              | <b>29</b><br>Fri<br>00:32<br>12:57 | 07:52 1.7<br>14:00 0.3<br>20:24 1.8              |
| <b>6</b><br>Wed<br>05:43<br>18:05 | 06:18 1.8<br>12:32 1.7<br>18:34 0.5              | <b>14</b><br>Thu<br>12:27          | 06:52 0.3<br>13:17 0.1<br>19:41 2.0              | <b>22</b><br>Fri<br>07:26<br>19:49 | 07:06 1.9<br>14:35 1.8<br>20:34 0.4              | <b>30</b><br>Sat<br>01:21<br>13:45 | 08:28 0.4<br>14:40 0.4<br>21:05 1.8              |
| <b>7</b><br>Thu<br>06:28<br>18:50 | 07:03 1.7<br>13:19 1.6<br>19:22 0.5              | <b>15</b><br>Fri<br>00:59<br>13:30 | 07:06 1.9<br>14:09 0.1<br>20:35 2.1              | <b>23</b><br>Sat<br>08:12<br>20:34 | 07:09 0.3<br>15:33 1.8<br>21:32 0.4              |                                    |  |
| <b>8</b><br>Fri<br>07:12<br>19:35 | 07:49 1.7<br>14:10 1.6<br>20:14 0.5              | <b>16</b><br>Sat<br>02:02<br>14:33 | 07:46 2.0<br>15:02 0.1<br>21:28 2.1              | <b>24</b><br>Sun<br>08:58<br>21:21 | 07:51 1.8<br>16:29 1.8<br>22:29 0.5              |                                    |  |

| PLACE                    | HIGH   | LOW    | PLACE           | HIGH   | LOW    |
|--------------------------|--------|--------|-----------------|--------|--------|
| Haurere Point            | -00:25 | -00:30 | Tapuaeatahi Bay | -00:29 | -00:20 |
| Maketu Est Entrance      | -00:40 | -00:40 | Whangamata      | -00:10 | -00:10 |
| Moutohora/Whale Is.      | -00:29 | -00:24 | Whitianga       | -00:05 | -00:10 |
| Opotiki Wharf            | -00:24 | -00:07 | Omaio Bay       | -00:33 | -00:27 |
| Papamoa Beach            | -00:40 | -00:40 | East Cape       | -00:45 | -00:41 |
| Port Ohope Wharf         | +00:21 | +00:00 | Hicks Bay       | -00:45 | -00:31 |
| Te Kaha                  | -00:30 | -00:40 | Tolaga Bay      | -01:04 | -01:10 |
| Wahi Beach               | -00:15 | -00:15 | Waipiro Bay     | -00:52 | -00:58 |
| Whakaari/White Island    | -00:23 | -00:17 | Bowentown       | -00:05 | -00:05 |
| Whakatane                | -00:23 | -00:07 | Katikati        | +00:30 | +00:30 |
| Pauanui                  | -00:04 | -00:02 | Omokoroa        | +00:47 | +00:52 |
| Slipper Island(Whakahau) | -00:38 | -00:10 | Town Wharf      | +00:20 | +00:20 |
| Tairua                   | -00:03 | -00:03 |                 |        |        |

## TARANAKI

|                                   |  |                                    |                                     |                                    |                                     |                                    |                                     |
|-----------------------------------|--|------------------------------------|-------------------------------------|------------------------------------|-------------------------------------|------------------------------------|-------------------------------------|
| <b>1</b><br>Fri<br>01:57<br>14:21 | 05:20 0.7<br>11:21 3.1<br>17:35 0.6<br>23:40 3.3 | <b>9</b><br>Sat<br>08:07<br>20:30  | 05:27 2.9<br>11:47 1.0<br>18:03 2.9 | <b>17</b><br>Sun<br>03:13<br>15:43 | 06:17 0.3<br>12:24 3.4<br>18:37 0.4 | <b>25</b><br>Mon<br>09:53<br>22:17 | 07:33 0.9<br>13:54 0.8<br>20:09 3.1 |
| <b>2</b><br>Sat<br>02:46<br>15:10 | 05:58 0.8<br>12:00 3.1<br>18:12 0.7              | <b>10</b><br>Sun<br>08:54<br>21:19 | 06:16 1.0<br>12:42 0.8<br>18:58 3.1 | <b>18</b><br>Mon<br>04:12<br>16:40 | 06:52 3.5<br>13:20 3.3<br>19:30 0.5 | <b>26</b><br>Tue<br>10:40<br>23:04 | 08:21 0.8<br>14:39 0.7<br>20:52 3.2 |
| <b>3</b><br>Sun<br>03:34<br>15:57 | 06:18 3.2<br>12:41 3.0<br>18:51 0.9              | <b>11</b><br>Mon<br>09:44<br>22:11 | 07:10 0.8<br>13:34 0.6<br>19:49 3.3 | <b>19</b><br>Tue<br>05:07<br>17:33 | 07:48 3.4<br>14:17 3.2<br>20:26 0.7 | <b>27</b><br>Wed<br>11:28<br>23:53 | 09:04 0.8<br>15:21 0.6<br>21:31 3.3 |
| <b>4</b><br>Mon<br>04:21<br>16:44 | 06:59 3.1<br>13:26 2.9<br>19:34 1.0              | <b>12</b><br>Tue<br>10:38<br>23:06 | 08:02 0.6<br>14:25 0.5<br>20:39 3.4 | <b>20</b><br>Wed<br>05:59<br>18:23 | 08:47 3.3<br>15:16 3.0<br>21:27 0.8 | <b>28</b><br>Thu<br>12:17          | 09:44 0.7<br>16:00 0.6<br>22:08 3.3 |
| <b>5</b><br>Tue<br>05:07<br>17:29 | 07:45 3.0<br>14:15 2.8<br>20:22 1.1              | <b>13</b><br>Wed<br>11:35          | 08:52 0.5<br>15:15 0.3<br>21:28 3.6 | <b>21</b><br>Thu<br>06:48<br>19:11 | 09:48 3.1<br>16:19 3.0<br>22:41 1.0 | <b>29</b><br>Fri<br>00:41<br>13:06 | 10:24 0.7<br>16:37 0.6<br>22:44 3.3 |
| <b>6</b><br>Wed<br>05:52<br>18:14 | 08:37 2.9<br>15:00 1.1<br>21:16 1.1              | <b>14</b><br>Thu<br>00:06<br>12:36 | 09:42 3.3<br>16:05 0.2<br>22:17 3.7 | <b>22</b><br>Fri<br>07:35<br>19:58 | 10:51 3.1<br>17:23 2.9<br>23:37 1.0 | <b>30</b><br>Sat<br>01:30<br>13:54 | 12:03 0.7<br>17:13 0.6<br>23:19 3.3 |
| <b>7</b><br>Thu<br>06:37<br>18:59 | 09:33 2.8<br>15:55 1.1<br>22:15 1.2              | <b>15</b><br>Fri<br>01:08<br>13:39 | 10:32 0.3<br>16:55 0.2<br>23:07 3.7 | <b>23</b><br>Sat<br>08:21<br>20:44 | 12:07 0.8<br>18:25 3.0              |                                    |                                     |
| <b>8</b><br>Fri<br>07:21<br>19:44 | 11:40 2.9<br>18:05 1.1<br>23:16 1.1              | <b>16</b><br>Sat<br>02:11<br>14:42 | 11:30 3.5<br>17:45 0.2<br>23:58 3.7 | <b>24</b><br>Sun<br>09:07<br>21:30 | 13:03 0.8<br>19:21 3.0              |                                    |                                     |

| PLACE                  | HIGH   | LOW    | PLACE                  | HIGH   | LOW    |
|------------------------|--------|--------|------------------------|--------|--------|
| Ahipara                | -00:15 | -00:15 | Rawene                 | +00:27 | +00:27 |
| Actea Harbour          | -00:04 | -00:04 | Dargaville             | +02:28 | +03:46 |
| Cape Maria Van D'n     | -00:35 | -00:35 | Helensville            | +02:22 | +02:49 |
| Karehana Bay           | -00:07 | -00:18 | Island Point           | +00:46 | +00:46 |
| Kawhia                 | +00:24 | +00:01 | Pouito Point           | +00:42 | +00:37 |
| Makara Beach           | -00:40 | -00:40 | Shelly Beach           | +00:53 | +00:50 |
| Manawatu Riv Entrance  | -00:20 | -00:20 | Te Kopuru              | +01:56 | +02:36 |
| Otaki River Entrance   | -00:20 | -00:20 | Tikiniu                | +01:38 | +01:55 |
| Paraparaumu Beach      | -00:20 | -00:20 | Tinopai                | +00:59 | +00:59 |
| Porirua Harbour        | +00:03 | -00:11 | Whakapirau             | +01:25 | +01:07 |
| Raglan                 | +00:31 | +00:14 | Waiorua Bay            | +00:04 | +00:00 |
| Waikanae Riv Entrance  | +00:00 | -00:04 | Great Island           | -01:36 | -01:33 |
| Waikato River Entrance | -00:04 | -00:04 | Waitara River Entrance | +00:00 | +00:00 |
| Waitare Beach          | -00:20 | -00:20 | Opanake Bay            | -00:05 | -00:05 |
| Kohukohu               | +00:36 | +00:33 | Patea                  | +00:34 | +01:00 |
| Opononi                | +00:07 | +00:10 | Whanganui River Ent    | +00:20 | +00:29 |

## MARSDEN POINT

|                                   |  |                                    |  |                                    |  |                                    |  |
|-----------------------------------|--|------------------------------------|--|------------------------------------|--|------------------------------------|--|
| <b>1</b><br>Fri<br>01:55<br>14:19 | 03:13 0.8<br>09:19 2.5<br>15:28 0.6<br>21:49 2.6 | <b>9</b><br>Sat<br>08:05<br>20:28  | 03:01 2.4<br>09:18 0.8<br>15:30 2.3<br>21:37 0.9 | <b>17</b><br>Sun<br>03:11<br>15:41 | 03:59 0.5<br>10:11 2.8<br>16:18 0.3<br>22:42 2.9 | <b>25</b><br>Mon<br>09:51<br>22:15 | 05:07 2.5<br>11:23 0.7<br>17:48 2.5<br>23:48 0.8 |
| <b>2</b><br>Sat<br>02:44<br>15:08 | 03:55 0.8<br>09:59 2.4<br>16:07 0.7<br>22:28 2.6 | <b>10</b><br>Sun<br>08:52<br>21:17 | 03:53 2.4<br>10:11 0.8<br>16:27 2.4<br>22:33 0.9 | <b>18</b><br>Mon<br>04:10<br>16:38 | 04:54 0.5<br>11:06 2.7<br>17:11 0.4<br>23:35 2.9 | <b>26</b><br>Tue<br>10:39<br>23:02 | 05:57 2.5<br>12:12 0.7<br>18:37 2.5              |
| <b>3</b><br>Sun<br>03:32<br>15:55 | 04:36 0.8<br>10:39 2.4<br>16:46 0.7<br>23:08 2.5 | <b>11</b><br>Mon<br>09:42<br>22:05 | 04:46 2.5<br>11:04 0.7<br>17:24 2.5<br>23:29 0.8 | <b>19</b><br>Tue<br>05:05<br>17:31 | 05:50 0.5<br>12:01 2.7<br>18:06 0.5              | <b>27</b><br>Wed<br>11:27<br>23:51 | 06:45 2.4<br>12:58 0.7<br>19:22 2.6              |
| <b>4</b><br>Mon<br>04:19<br>16:42 | 05:19 0.9<br>11:20 2.4<br>17:27 0.8<br>23:50 2.5 | <b>12</b><br>Tue<br>10:36<br>23:04 | 05:40 2.6<br>11:57 0.6<br>18:19 2.6              | <b>20</b><br>Wed<br>05:57<br>18:21 | 06:30 2.8<br>12:58 2.6<br>19:02 0.6              | <b>28</b><br>Thu<br>12:15          | 07:30 2.4<br>13:41 0.6<br>20:04 2.6              |
| <b>5</b><br>Tue<br>05:05<br>17:28 | 06:03 0.9<br>12:03 2.3<br>18:09 0.9              | <b>13</b><br>Wed<br>11:34          | 06:24 2.7<br>12:49 0.5<br>19:12 2.8              | <b>21</b><br>Thu<br>06:46<br>19:09 | 07:43 0.6<br>13:57 2.5<br>20:01 0.7              | <b>29</b><br>Fri<br>00:39<br>13:04 | 08:13 2.4<br>14:22 0.6<br>20:44 2.6              |
| <b>6</b><br>Wed<br>05:50<br>18:12 | 07:04 2.4<br>13:04 0.9<br>19:56 2.3              | <b>14</b><br>Thu<br>00:04<br>12:34 | 07:29 2.7<br>13:42 0.4<br>20:04 2.9              | <b>22</b><br>Fri<br>07:33<br>19:56 | 08:22 2.6<br>14:57 2.5<br>21:00 0.8              | <b>30</b><br>Sat<br>01:28<br>13:52 | 09:53 2.4<br>15:01 0.7<br>21:23 2.6              |
| <b>7</b><br>Thu<br>06:35<br>18:57 | 08:21 2.4<br>14:39 2.3<br>20:56 2.9              | <b>15</b><br>Fri<br>01:06<br>13:37 | 08:23 2.8<br>14:33 0.3<br>20:56 2.9              | <b>23</b><br>Sat<br>08:19<br>20:42 | 09:36 0.7<br>15:57 2.5<br>21:59 0.8              |                                    |  |
| <b>8</b><br>Fri<br>07:19<br>19:42 | 09:35 2.4<br>15:53 2.3<br>22:10 2.9              | <b>16</b><br>Sat<br>02:09<br>14:40 | 09:17 2.8<br>15:25 0.3<br>21:49 2.9              | <b>24</b><br>Sun<br>09:05<br>21:28 | 10:43 2.5<br>16:54 2.5<br>22:55 0.8              |                                    |  |

| PLACE               | HIGH   | LOW    | PLACE                       | HIGH   | LOW    |
|---------------------|--------|--------|-----------------------------|--------|--------|
| Mangonui            | +00:33 | +00:49 | Port Jackson                | -00:37 | -00:32 |
| Tutukaka Harbour    | -00:15 | -00:10 | Nagle Cove                  | -00:31 | -00:27 |
| Whangamuri Harbour  | +00:14 | +00:31 | Tryphena                    | -00:29 | -00:25 |
| Whangarei           | +00:21 | +00:12 | Houhora Harbour Entrance    | +00:19 | +00:16 |
| Dairy Factory Wharf | +01:22 | +02:23 | Pakenui Wharf               | +00:30 | +00:30 |
| Unahi Jetty         | +01:02 | +01:17 | Raoul Island (Fishing Rock) | -00:36 | -00:32 |
| Doves Bay           | -00:06 | -00:02 | Burgess Island              | -00:24 | -00:20 |
| Kenken              |        |        |                             |        |        |

# NAPIER

|                                   |  |                                    |  |                                    |  |                                    |  |
|-----------------------------------|--|------------------------------------|--|------------------------------------|--|------------------------------------|--|
| <b>1</b><br>Fri<br>01:45<br>14:09 | 01:26 0.3<br>07:32 1.5<br>13:41 0.3<br>19:54 1.6 | <b>9</b><br>Sat<br>07:55<br>20:18  | 01:04 1.6<br>07:21 0.3<br>13:28 1.5<br>19:42 0.4 | <b>17</b><br>Sun<br>03:01<br>15:31 | 02:03 0.0<br>08:14 1.8<br>14:23 0.0<br>20:37 2.0 | <b>25</b><br>Mon<br>09:41<br>22:05 | 03:06 1.6<br>09:21 0.3<br>15:39 1.6<br>21:52 0.3 |
| <b>2</b><br>Sat<br>02:34<br>14:58 | 02:11 0.3<br>08:17 1.5<br>14:24 0.4<br>20:36 1.6 | <b>10</b><br>Sun<br>08:42<br>21:07 | 01:52 1.6<br>08:08 0.3<br>14:17 1.6<br>20:33 0.3 | <b>18</b><br>Mon<br>04:00<br>16:28 | 03:00 0.0<br>09:11 1.8<br>15:20 0.1<br>21:34 1.9 | <b>26</b><br>Tue<br>10:29<br>22:52 | 03:57 1.6<br>10:10 0.3<br>16:28 1.6<br>22:41 0.3 |
| <b>3</b><br>Sun<br>03:22<br>15:45 | 02:56 0.3<br>09:00 1.5<br>15:06 0.4<br>21:19 1.6 | <b>11</b><br>Mon<br>09:32<br>21:59 | 02:42 1.6<br>08:57 0.3<br>15:09 1.7<br>21:25 0.3 | <b>19</b><br>Tue<br>04:55<br>17:21 | 03:58 0.0<br>10:08 1.8<br>16:17 0.1<br>22:32 1.9 | <b>27</b><br>Wed<br>11:17<br>23:41 | 04:45 1.5<br>10:58 0.3<br>17:15 1.6<br>23:28 0.3 |
| <b>4</b><br>Mon<br>04:09<br>16:32 | 03:40 0.3<br>09:44 1.5<br>15:49 0.4<br>22:02 1.6 | <b>12</b><br>Tue<br>10:26<br>22:54 | 03:33 1.7<br>09:48 0.2<br>16:01 1.7<br>22:18 0.2 | <b>20</b><br>Wed<br>05:47<br>18:11 | 04:54 0.1<br>11:05 1.8<br>17:14 0.1<br>23:29 1.8 | <b>28</b><br>Thu<br>12:05          | 05:32 1.5<br>11:43 0.3<br>17:59 1.6              |
| <b>5</b><br>Tue<br>04:55<br>17:18 | 04:24 0.4<br>10:27 1.5<br>16:33 0.4<br>22:46 1.6 | <b>13</b><br>Wed<br>11:23<br>23:54 | 04:27 1.7<br>10:41 0.2<br>16:55 1.8<br>23:13 0.1 | <b>21</b><br>Thu<br>06:36<br>18:59 | 05:50 0.1<br>12:02 1.7<br>18:12 0.2              | <b>29</b><br>Fri<br>00:29<br>12:54 | 00:14 0.3<br>06:18 1.5<br>12:27 0.4<br>18:42 1.6 |
| <b>6</b><br>Wed<br>05:40<br>18:02 | 05:08 0.4<br>11:11 1.5<br>17:18 0.4<br>23:31 1.6 | <b>14</b><br>Thu<br>12:24          | 05:22 1.7<br>11:36 0.1<br>17:50 1.9              | <b>22</b><br>Fri<br>07:23<br>19:46 | 00:26 1.8<br>06:45 0.2<br>12:58 1.7<br>19:10 0.2 | <b>30</b><br>Sat<br>01:18<br>13:42 | 00:58 0.3<br>07:02 1.5<br>13:10 0.4<br>19:24 1.6 |
| <b>7</b><br>Thu<br>06:25<br>18:47 | 05:52 0.4<br>11:56 1.5<br>18:04 0.4              | <b>15</b><br>Fri<br>00:56<br>13:27 | 00:09 0.1<br>06:19 1.8<br>12:31 0.1<br>18:45 1.9 | <b>23</b><br>Sat<br>08:09<br>20:32 | 01:21 1.7<br>07:38 0.2<br>13:53 1.7<br>20:06 0.3 | <b>31</b><br>Sun<br>07:18<br>19:41 | 00:01 0.7<br>06:07 0.5<br>12:17 1.7<br>18:34 0.5 |
| <b>8</b><br>Fri<br>07:09<br>19:32 | 00:17 1.6<br>06:36 0.4<br>12:41 1.5<br>18:52 0.4 | <b>16</b><br>Sat<br>01:59<br>14:30 | 01:05 0.0<br>07:16 1.8<br>13:27 0.0<br>19:41 2.0 | <b>24</b><br>Sun<br>08:55<br>21:18 | 02:15 1.6<br>08:30 0.3<br>14:47 1.6<br>21:00 0.3 |                                    |  |

| PLACE                | HIGH   | LOW    | PLACE                   | HIGH   | LOW    |
|----------------------|--------|--------|-------------------------|--------|--------|
| HAWKES BAY           |        |        | Bare Island             | -00:17 | -00:17 |
| Cape Kidnappers      | -00:20 | -00:20 | Cape Turnagain          | -00:49 | -00:49 |
| Portland Island      | -00:15 | -00:15 | Castlepoint             | -00:17 | -00:19 |
| Waioira River Mouth  | +00:00 | +00:00 | Porangahau Riv Entrance | -00:38 | -00:38 |
| WAIRARAPA COAST      |        |        | Punawaiwai              | -00:30 | -00:30 |
| Akito River Entrance | -01:00 | -01:00 |                         |        |        |

# WELLINGTON

|                                   |  |                                    |  |                                    |  |                                    |  |
|-----------------------------------|--|------------------------------------|--|------------------------------------|--|------------------------------------|--|
| <b>1</b><br>Fri<br>01:54<br>14:18 | 01:02 0.7<br>07:00 1.5<br>13:07 0.7<br>19:19 1.6 | <b>9</b><br>Sat<br>08:04<br>20:27  | 00:23 1.6<br>06:40 0.7<br>12:46 1.6<br>18:53 0.7 | <b>17</b><br>Sun<br>03:10<br>15:39 | 01:33 0.5<br>07:40 1.7<br>13:51 0.5<br>20:01 1.9 | <b>25</b><br>Mon<br>09:50<br>22:14 | 02:28 1.6<br>08:38 0.7<br>14:57 1.6<br>21:13 0.7 |
| <b>2</b><br>Sat<br>02:42<br>15:07 | 01:51 0.7<br>07:47 1.5<br>13:53 0.7<br>20:05 1.6 | <b>10</b><br>Sun<br>08:51<br>21:16 | 01:09 1.6<br>07:23 0.7<br>13:34 1.6<br>19:41 0.7 | <b>18</b><br>Mon<br>04:08<br>16:37 | 02:31 0.5<br>08:35 1.8<br>14:48 0.5<br>20:58 1.9 | <b>26</b><br>Tue<br>10:31<br>23:01 | 03:19 1.6<br>09:26 0.7<br>15:45 1.6<br>22:04 0.7 |
| <b>3</b><br>Sun<br>03:31<br>15:54 | 02:38 0.7<br>08:12 1.5<br>14:37 0.7<br>20:50 1.6 | <b>11</b><br>Mon<br>09:41<br>22:08 | 01:59 1.6<br>08:10 0.6<br>14:25 1.7<br>20:33 0.6 | <b>19</b><br>Tue<br>05:04<br>17:30 | 03:28 0.4<br>09:31 1.8<br>15:45 0.5<br>21:56 1.8 | <b>27</b><br>Wed<br>11:25<br>23:50 | 04:08 1.5<br>10:14 0.7<br>16:32 1.6<br>22:54 0.7 |
| <b>4</b><br>Mon<br>04:18<br>16:41 | 03:23 0.7<br>09:15 1.5<br>15:20 0.7<br>21:33 1.6 | <b>12</b><br>Tue<br>10:35<br>23:03 | 02:53 1.6<br>09:02 0.6<br>15:19 1.7<br>21:30 0.6 | <b>20</b><br>Wed<br>05:55<br>18:20 | 04:22 0.5<br>10:26 1.7<br>16:42 0.5<br>22:53 1.8 | <b>28</b><br>Thu<br>12:14          | 04:56 1.5<br>11:01 0.7<br>17:17 1.6<br>23:43 0.7 |
| <b>5</b><br>Tue<br>05:04<br>17:26 | 04:05 0.7<br>09:57 1.5<br>16:02 0.7<br>22:16 1.6 | <b>13</b><br>Wed<br>11:32          | 03:49 1.6<br>09:58 0.6<br>16:14 1.8<br>22:29 0.6 | <b>21</b><br>Thu<br>06:44<br>19:08 | 05:16 0.5<br>11:22 1.7<br>17:38 0.5<br>23:49 1.8 | <b>29</b><br>Fri<br>00:38<br>13:02 | 05:43 1.5<br>11:47 0.7<br>18:02 1.6              |
| <b>6</b><br>Wed<br>05:49<br>18:11 | 04:44 0.7<br>10:38 1.5<br>16:44 0.7<br>22:58 1.6 | <b>14</b><br>Thu<br>00:02<br>12:33 | 04:47 1.7<br>10:56 0.6<br>17:10 1.8<br>23:31 0.5 | <b>22</b><br>Fri<br>07:32<br>19:55 | 06:07 0.5<br>12:17 1.7<br>18:34 0.5              | <b>30</b><br>Sat<br>01:27<br>13:50 | 00:32 0.7<br>06:30 1.5<br>12:33 0.7<br>18:46 1.6 |
| <b>7</b><br>Thu<br>06:33<br>18:56 | 05:22 0.7<br>11:19 1.5<br>17:25 0.7<br>23:40 1.6 | <b>15</b><br>Fri<br>01:05<br>13:36 | 05:46 1.7<br>11:55 0.5<br>18:07 1.8              | <b>23</b><br>Sat<br>08:18<br>20:41 | 00:43 1.7<br>06:58 0.6<br>13:12 1.7<br>19:29 0.6 |                                    |  |
| <b>8</b><br>Fri<br>07:18<br>19:41 | 06:01 0.7<br>12:01 1.5<br>18:08 0.7              | <b>16</b><br>Sat<br>02:08<br>14:38 | 00:33 0.5<br>06:43 0.7<br>12:53 0.5<br>19:04 1.9 | <b>24</b><br>Sun<br>09:04<br>21:27 | 01:37 1.7<br>07:48 0.6<br>14:05 1.7<br>20:22 0.6 |                                    |  |

| PLACE                         | HIGH   | LOW    | PLACE                          | HIGH   | LOW    |
|-------------------------------|--------|--------|--------------------------------|--------|--------|
| COOK STRAIT                   |        |        | WAIRARAPA COAST                |        |        |
| Cape Terawhiti - Oteranga Bay | +01:07 | +01:13 | Cape Palliser (Matakitiakiupe) | +00:10 | +00:10 |
| Karori Rock Light             | +00:45 | +00:45 |                                |        |        |

# NELSON

|                                   |  |                                    |  |                                    |  |                                    |  |
|-----------------------------------|--|------------------------------------|--|------------------------------------|--|------------------------------------|--|
| <b>1</b><br>Fri<br>02:00<br>14:24 | 04:56 0.8<br>11:22 3.8<br>17:25 0.8<br>23:40 4.0 | <b>9</b><br>Sat<br>08:10<br>20:33  | 05:24 3.4<br>11:29 1.2<br>18:01 3.4              | <b>17</b><br>Sun<br>03:16<br>15:46 | 05:59 0.5<br>12:21 4.1<br>18:23 0.6              | <b>25</b><br>Mon<br>09:56<br>22:20 | 01:23 1.2<br>07:33 3.6<br>13:41 1.0<br>20:04 3.7 |
| <b>2</b><br>Sat<br>02:49<br>15:13 | 05:31 0.9<br>12:02 3.7<br>18:02 0.9              | <b>10</b><br>Sun<br>08:57<br>21:22 | 00:11 1.3<br>06:22 3.6<br>12:25 1.1<br>19:02 3.5 | <b>18</b><br>Mon<br>04:15<br>16:43 | 00:45 4.2<br>06:53 0.6<br>13:14 4.0<br>19:14 0.7 | <b>26</b><br>Tue<br>10:44<br>23:08 | 02:09 1.1<br>08:19 3.7<br>14:28 1.0<br>20:50 3.8 |
| <b>3</b><br>Sun<br>03:37<br>16:01 | 00:16 3.9<br>06:08 1.0<br>12:42 3.6<br>18:40 1.0 | <b>11</b><br>Mon<br>09:47<br>22:14 | 01:08 1.1<br>07:16 3.8<br>13:18 0.9<br>19:58 3.8 | <b>19</b><br>Tue<br>05:10<br>17:38 | 01:36 4.0<br>07:51 0.8<br>14:08 3.8<br>20:07 0.9 | <b>27</b><br>Wed<br>11:32<br>23:56 | 02:50 1.0<br>09:03 3.7<br>15:11 0.9<br>21:31 3.9 |
| <b>4</b><br>Mon<br>04:24<br>16:47 | 00:54 3.8<br>06:50 1.1<br>13:28 3.5<br>19:20 1.1 | <b>12</b><br>Tue<br>10:41<br>23:09 | 01:59 0.8<br>08:07 3.9<br>14:11 0.7<br>20:49 4.0 | <b>20</b><br>Wed<br>06:02<br>18:27 | 02:32 3.8<br>08:52 1.0<br>15:04 3.7<br>21:06 1.1 | <b>28</b><br>Thu<br>12:20          | 03:27 0.9<br>09:44 3.7<br>15:52 0.9<br>22:08 4.0 |
| <b>5</b><br>Tue<br>05:10<br>17:33 | 01:35 3.6<br>07:37 1.2<br>14:12 3.3<br>20:06 1.3 | <b>13</b><br>Wed<br>11:39          | 02:47 0.6<br>08:56 4.1<br>15:02 0.6<br>21:37 4.2 | <b>21</b><br>Thu<br>06:51<br>19:14 | 03:33 3.7<br>09:55 1.1<br>16:03 3.5<br>22:12 1.3 | <b>29</b><br>Fri<br>00:44<br>13:09 | 04:02 0.9<br>10:24 3.7<br>16:30 0.8<br>22:44 4.0 |
| <b>6</b><br>Wed<br>05:55<br>18:17 | 02:22 3.5<br>08:31 1.3<br>15:02 3.3<br>20:58 1.4 | <b>14</b><br>Thu<br>00:09<br>12:40 | 03:34 0.5<br>09:46 4.2<br>15:54 0.5<br>22:24 4.4 | <b>22</b><br>Fri<br>07:38<br>20:01 | 04:39 3.6<br>10:57 1.1<br>17:05 3.5<br>23:23 1.3 | <b>30</b><br>Sat<br>01:33<br>13:57 | 04:37 0.9<br>11:03 3.7<br>17:06 0.8<br>23:20 4.0 |
| <b>7</b><br>Thu<br>06:40<br>19:02 | 03:18 3.4<br>09:31 1.4<br>15:57 3.2<br>21:59 1.4 | <b>15</b><br>Fri<br>01:11<br>13:42 | 04:21 0.4<br>10:37 4.2<br>16:44 0.4<br>23:10 4.4 | <b>23</b><br>Sat<br>08:24<br>20:47 | 05:43 3.5<br>11:55 1.1<br>18:10 3.5              |                                    |  |
| <b>8</b><br>Fri<br>07:24<br>19:47 | 04:20 3.4<br>10:31 1.3<br>16:58 3.3<br>23:06 1.4 | <b>16</b><br>Sat<br>02:14<br>14:45 | 05:09 0.4<br>11:28 4.2<br>17:34 0.5<br>23:57 4.4 | <b>24</b><br>Sun<br>09:10<br>21:33 | 00:28 1.3<br>06:41 3.6<br>12:50 1.1<br>19:11 3.6 |                                    |  |

| PLACE                        | HIGH   | LOW    | PLACE                              | HIGH   | LOW    |
|------------------------------|--------|--------|------------------------------------|--------|--------|
| Stevens Island (Takapourewa) | -00:30 | -00:30 | Portage                            | -00:16 | -00:44 |
| GOLDEN BAY                   |        |        | Whakatahuri                        | -00:51 | -00:43 |
| Collingwood                  | -00:25 | -00:25 | RANGITOTO KI TE TONGA/D'URVILLE IS |        |        |
| Motupipi Inlet               | -00:25 | -00:25 | Greville Harbour                   | -00:20 | -00:20 |
| Tarakohe                     | +00:03 | +00:09 | TASMAN BAY                         |        |        |
| MARLBOROUGH SOUNDS           |        |        | Astrolabe Roadstead                | -00:20 | -00:20 |
| Catherine Cove               | -00:31 | -00:32 | Crossilles Harbour                 | -00:18 | -00:02 |
| Elaine Bay                   | -00:29 | -00:40 | Kaiteriti                          | +00:02 | +00:05 |
| Elmslie Bay                  | -00:33 | -00:32 | Mapua                              | +00:20 | +00:19 |
| Havelock                     | -00:14 | -00:34 | Motueka                            | +00:05 | +00:19 |
| Pelorus Sound Entrance       | -01:00 | -01:20 |                                    |        |        |

# LYTTELTON

|                                   |  |                                    |  |                                    |  |                                    |  |
|-----------------------------------|--|------------------------------------|--|------------------------------------|--|------------------------------------|--|
| <b>1</b><br>Fri<br>02:02<br>14:27 | 00:21 0.6<br>06:26 2.1<br>12:35 0.6<br>18:51 2.3 | <b>9</b><br>Sat<br>08:12<br>20:36  | 00:04 2.2<br>06:21 0.6<br>12:30 2.2<br>18:43 0.7 | <b>17</b><br>Sun<br>03:18<br>15:48 | 01:00 0.2<br>07:13 2.5<br>13:22 0.2<br>19:39 2.6 | <b>25</b><br>Mon<br>09:59<br>22:22 | 02:10 2.2<br>08:20 0.5<br>14:41 2.3<br>20:55 0.6 |
| <b>2</b><br>Sat<br>02:51<br>15:15 | 01:05 0.6<br>07:13 2.1<br>13:18 0.7<br>19:35 2.2 | <b>10</b><br>Sun<br>09:00<br>21:24 | 00:52 2.2<br>07:06 0.6<br>13:18 2.2<br>19:33 0.6 | <b>18</b><br>Mon<br>04:17<br>16:45 | 01:57 0.3<br>08:12 2.5<br>14:19 0.3<br>20:36 2.6 | <b>26</b><br>Tue<br>10:46<br>23:10 | 02:58 2.2<br>09:08 0.5<br>15:29 2.3<br>21:43 0.6 |
| <b>3</b><br>Sun<br>03:39<br>16:03 | 01:49 0.7<br>07:59 2.1<br>14:01 0.7<br>20:19 2.2 | <b>11</b><br>Mon<br>09:50<br>22:16 | 01:41 2.2<br>07:53 0.5<br>14:08 2.3<br>20:25 0.5 | <b>19</b><br>Tue<br>05:12<br>17:39 | 02:54 0.3<br>09:10 2.5<br>15:16 0.3<br>21:34 2.5 | <b>27</b><br>Wed<br>11:34<br>23:58 | 03:44 2.2<br>09:55 0.6<br>16:13 2.3<br>22:28 0.6 |
| <b>4</b><br>Mon<br>04:26<br>16:49 | 02:33 0.7<br>08:45 2.1<br>14:46 0.7<br>21:03 2.2 | <b>12</b><br>Tue<br>10:43<br>23:12 | 02:31 2.3<br>08:43 0.4<br>15:00 2.4<br>21:19 0.5 | <b>20</b><br>Wed<br>06:04<br>18:29 | 03:52 0.3<br>10:07 2.4<br>16:15 0.4<br>22:31 2.5 | <b>28</b><br>Thu<br>12:22          | 04:28 2.2<br>10:40 0.6<br>16:56 2.3<br>23:11 0.6 |
| <b>5</b><br>Tue<br>05:12<br>17:35 | 03:19 0.7<br>09:31 2.1<br>15:31 0.8<br>21:47 2.2 | <b>13</b><br>Wed<br>11:41          | 03:23 2.4<br>09:37 0.4<br>15:54 2.5<br>22:13 0.4 | <b>21</b><br>Thu<br>06:53<br>19:17 | 04:50 0.4<br>11:04 2.4<br>17:15 0.5<br>23:28 2.4 | <b>29</b><br>Fri<br>00:47<br>13:11 | 05:12 2.1<br>11:23 0.6<br>17:38 2.3<br>23:54 0.6 |
| <b>6</b><br>Wed<br>05:57<br>18:20 | 04:06 0.7<br>10:15 2.1<br>16:18 0.8<br>22:32 2.1 | <b>14</b><br>Thu<br>00:11<br>12:42 | 04:17 2.4<br>10:32 0.3<br>16:48 2.6<br>23:09 0.3 | <b>22</b><br>Fri<br>07:40<br>20:03 | 05:46 0.4<br>12:00 2.4<br>18:13 0.5              | <b>30</b><br>Sat<br>01:35<br>13:59 | 05:56 2.1<br>12:06 0.6<br>18:20 2.3              |
| <b>7</b><br>Thu<br>06:42<br>19:04 | 04:52 0.7<br>10:59 2.1<br>17:05 0.8<br>23:18 2.1 | <b>15</b><br>Fri<br>01:13<br>13:45 | 05:14 2.4<br>11:29 0.3<br>17:45 2.6              | <b>23</b><br>Sat<br>08:26<br>20:49 | 00:24 2.3<br>06:39 0.4<br>12:56 2.3<br>19:10 0.5 |                                    |  |
| <b>8</b><br>Fri<br>07:27<br>19:49 | 05:37 0.7<br>11:44 2.1<br>17:53 0.7              | <b>16</b><br>Sat<br>02:16<br>14:48 | 00:04 0.3<br>06:13 2.5<br>12:26 0.2<br>18:42 2.7 | <b>24</b><br>Sun<br>09:12<br>21:35 | 01:18 2.3<br>07:31 0.5<br>13:50 2.3<br>20:04 0.6 |                                    |  |

| PLACE              | HIGH   | LOW    | PLACE          | HIGH   | LOW    |
|--------------------|--------|--------|----------------|--------|--------|
| Cape Campbell      | +00:50 | +00:50 | AKAROA HARBOUR |        |        |
| Kaikoura           | +00:17 | +00:16 | French Bay     | -00:42 | -00:43 |
| Lucky Bay          | +02:30 | +02:30 | Tikao Bay      | -00:43 | -00:42 |
| Port Underwood     | +01:42 | +01:48 | CHATHAM ISLAND |        |        |
| Rakaia River Mouth | -00:46 | -00:46 | Kaingaroa      | +00:53 | +00:53 |
| Sumner             | +00:02 | +00:01 | Owenga         | +00:22 | +00:21 |
|                    |        |        | Waitangi       | +00:22 | +00:21 |

## MOON PHASES



## BILL HOHEPA's FISHING GUIDE

