

New Zealand Hydrographic Authority Tide Predictions

## Mana Marina

Lat. 41°06'S Long. 174°52'E

### January 2029

N.Z. Local Times and Heights of High and Low Waters

	Time	m		Time	m		Time	m		Time	m
<b>1</b> Mo	05:34	0.7	<b>9</b> Tu	04:35	1.4	<b>17</b> We	00:29	1.6	<b>25</b> Th	04:21	1.3
	11:37	1.7		10:07	0.9		06:34	0.6		12:00	1.0
	17:34	0.5		17:31	1.4		12:32	1.8		17:54	1.3
	23:46	1.7		23:17	0.9		18:28	0.6		23:15	1.0
<b>2</b> Tu	06:07	0.6	<b>10</b> We	05:52	1.3	<b>18</b> Th	01:02	1.7	<b>26</b> Fr	08:20	1.2
	12:12	1.8		12:18	1.0		07:01	0.6		14:11	0.9
	18:11	0.5		19:05	1.3		13:02	1.8		19:48	1.3
<b>3</b> We	00:27	1.7	<b>11</b> Th	01:07	1.0	<b>19</b> Fr	01:32	1.7	<b>27</b> Sa	02:30	1.0
	06:39	0.6		07:51	1.3		07:26	0.6		09:33	1.3
	12:47	1.8		14:27	0.9		13:32	1.8		15:16	0.8
	18:49	0.5		20:28	1.4		19:23	0.6		21:12	1.4
<b>4</b> Th	01:07	1.7	<b>12</b> Fr	03:02	0.9	<b>20</b> Sa	01:59	1.6	<b>28</b> Su	04:17	0.9
	07:10	0.6		09:12	1.4		07:51	0.6		10:14	1.5
	13:24	1.8		15:31	0.8		14:01	1.7		16:05	0.7
	19:27	0.5		21:34	1.4		19:51	0.6		22:10	1.5
<b>5</b> Fr	01:47	1.7	<b>13</b> Sa	04:14	0.9	<b>21</b> Su	02:24	1.6	<b>29</b> Mo	04:57	0.8
	07:40	0.6		10:05	1.5		08:16	0.6		10:50	1.6
	14:01	1.8		16:17	0.7		14:31	1.6		16:47	0.6
	20:05	0.6		22:27	1.5		20:21	0.7		22:57	1.6
<b>6</b> Sa	02:26	1.7	<b>14</b> Su	05:00	0.8	<b>22</b> Mo	02:49	1.5	<b>30</b> Tu	05:28	0.7
	08:11	0.6		10:47	1.6		08:44	0.7		11:24	1.7
	14:41	1.7		16:55	0.7		15:05	1.6		17:26	0.5
	20:45	0.6		23:12	1.6		20:53	0.7		23:38	1.7
<b>7</b> Su	03:05	1.6	<b>15</b> Mo	05:35	0.7	<b>23</b> Tu	03:15	1.5	<b>31</b> We	05:58	0.6
	08:43	0.7		11:25	1.7		09:17	0.8		11:59	1.8
	15:26	1.6		17:29	0.6		15:44	1.5		18:04	0.5
	21:27	0.7		23:53	1.6		21:30	0.8			
<b>8</b> Mo	03:46	1.5	<b>16</b> Tu	06:06	0.6	<b>24</b> We	03:44	1.4			
	09:18	0.8		11:59	1.8		10:04	0.9			
	16:18	1.5		18:00	0.6		16:36	1.4			
	22:15	0.8					22:14	0.9			

Times listed are N.Z. Daylight Time

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New Zealand Hydrographic Authority Tide Predictions

## Mana Marina

Lat. 41°06'S Long. 174°52'E

## February 2029

N.Z. Local Times and Heights of High and Low Waters

	Time	m		Time	m		Time	m		Time	m
<b>1</b> Th	00:17	1.8	<b>9</b> Fr	07:22	1.2	<b>17</b> Sa	01:07	1.7	<b>25</b> Su	00:32	1.0
	06:27	0.5		14:23	1.0		07:01	0.5		09:09	1.3
	12:34	1.9		20:18	1.3		13:07	1.8		14:55	0.9
	18:40	0.4					19:02	0.5		20:55	1.3
<b>2</b> Fr	00:54	1.8	<b>10</b> Sa	03:06	1.0	<b>18</b> Su	01:32	1.7	<b>26</b> Mo	04:03	0.9
	06:56	0.5		09:06	1.3		07:23	0.5		09:52	1.5
	13:09	1.9		15:36	0.9		13:35	1.8		15:48	0.7
	19:16	0.5		21:33	1.3		19:27	0.6		21:55	1.5
<b>3</b> Sa	01:30	1.8	<b>11</b> Su	04:23	0.9	<b>19</b> Mo	01:55	1.7	<b>27</b> Tu	04:38	0.8
	07:24	0.5		09:57	1.5		07:46	0.6		10:28	1.6
	13:45	1.8		16:18	0.8		14:03	1.7		16:31	0.6
	19:50	0.5		22:23	1.5		19:53	0.6		22:40	1.6
<b>4</b> Su	02:05	1.7	<b>12</b> Mo	04:55	0.8	<b>20</b> Tu	02:18	1.6	<b>28</b> We	05:08	0.7
	07:51	0.6		10:35	1.6		08:10	0.7		11:03	1.8
	14:22	1.7		16:51	0.7		14:33	1.6		17:11	0.5
	20:24	0.6		23:04	1.6		20:21	0.7		23:20	1.7
<b>5</b> Mo	02:39	1.7	<b>13</b> Tu	05:23	0.7	<b>21</b> We	02:41	1.5			
	08:17	0.6		11:09	1.7		08:36	0.7			
	15:00	1.6		17:20	0.6		15:08	1.5			
	20:56	0.7		23:39	1.6		20:51	0.7			
<b>6</b> Tu	03:13	1.6	<b>14</b> We	05:49	0.6	<b>22</b> Th	03:05	1.4			
	08:44	0.7		11:41	1.8		09:10	0.8			
	15:43	1.5		17:48	0.6		15:53	1.4			
	21:29	0.8					21:28	0.8			
<b>7</b> We	03:47	1.4	<b>15</b> Th	00:11	1.7	<b>23</b> Fr	03:31	1.3			
	09:16	0.9		06:14	0.5		10:26	1.0			
	16:38	1.3		12:11	1.8		16:59	1.3			
	22:06	0.9		18:13	0.5		22:20	1.0			
<b>8</b> Th	04:29	1.3	<b>16</b> Fr	00:40	1.7	<b>24</b> Sa	04:11	1.2			
	10:12	1.0		06:38	0.5		13:33	1.0			
	18:21	1.2		12:40	1.8		19:07	1.3			
	23:13	1.0		18:38	0.5						

Times listed are N.Z. Daylight Time

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New Zealand Hydrographic Authority Tide Predictions

## Mana Marina

Lat. 41°06'S Long. 174°52'E

### March 2029

N.Z. Local Times and Heights of High and Low Waters

	Time	m		Time	m		Time	m		Time	m
<b>1</b> Th	05:37	0.6	<b>9</b> Fr	03:43	1.3	<b>17</b> Sa	00:14	1.8	<b>25</b> Su	04:22	1.2
	11:38	1.9		09:27	1.0		06:10	0.5		12:49	0.9
	17:48	0.4		17:48	1.2		12:13	1.8		18:36	1.3
	23:57	1.8		22:22	1.0		18:15	0.5		23:58	1.0
<b>2</b> Fr	06:06	0.5	<b>10</b> Sa	06:48	1.2	<b>18</b> Su	00:40	1.8	<b>26</b> Mo	08:22	1.3
	12:13	1.9		14:22	1.0		06:33	0.5		14:22	0.8
	18:24	0.4		20:09	1.2		12:40	1.8		20:25	1.3
<b>3</b> Sa	00:33	1.8	<b>11</b> Su	02:46	1.0	<b>19</b> Mo	01:04	1.7	<b>27</b> Tu	03:10	0.9
	06:35	0.5		08:49	1.3		06:56	0.5		09:16	1.5
	12:49	1.9		15:30	0.9		13:08	1.8		15:20	0.7
	18:59	0.5		21:20	1.3		19:04	0.6		21:27	1.5
<b>4</b> Su	01:08	1.8	<b>12</b> Mo	03:59	0.9	<b>20</b> Tu	01:28	1.7	<b>28</b> We	03:59	0.8
	07:02	0.5		09:36	1.5		07:19	0.6		09:57	1.6
	13:25	1.8		16:05	0.8		13:37	1.7		16:06	0.6
	19:31	0.5		22:05	1.4		19:29	0.6		22:14	1.6
<b>5</b> Mo	01:41	1.8	<b>13</b> Tu	04:28	0.8	<b>21</b> We	01:52	1.6	<b>29</b> Th	04:35	0.6
	07:28	0.5		10:12	1.6		07:43	0.6		10:35	1.8
	14:00	1.7		16:33	0.7		14:08	1.6		16:48	0.5
	20:02	0.6		22:42	1.6		19:56	0.7		22:55	1.7
<b>6</b> Tu	02:14	1.7	<b>14</b> We	04:55	0.7	<b>22</b> Th	02:17	1.6	<b>30</b> Fr	05:08	0.5
	07:52	0.6		10:45	1.7		08:10	0.7		11:13	1.8
	14:36	1.6		17:00	0.6		14:44	1.5		17:27	0.5
	20:30	0.7		23:15	1.7		20:27	0.7		23:33	1.8
<b>7</b> We	02:44	1.6	<b>15</b> Th	05:21	0.6	<b>23</b> Fr	02:44	1.5	<b>31</b> Sa	05:40	0.5
	08:15	0.7		11:15	1.8		08:47	0.8		11:50	1.9
	15:14	1.4		17:26	0.6		15:30	1.4		18:04	0.5
	20:58	0.8		23:45	1.7		21:05	0.8			
<b>8</b> Th	03:13	1.5	<b>16</b> Fr	05:46	0.5	<b>24</b> Sa	03:16	1.4			
	08:43	0.9		11:44	1.8		10:03	0.9			
	16:00	1.3		17:51	0.5		16:37	1.3			
	21:30	0.9					22:00	0.9			

Times listed are N.Z. Daylight Time

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**New Zealand Hydrographic Authority Tide Predictions**

# Mana Marina

Lat. 41°06'S Long. 174°52'E

## April 2029

N.Z. Local Times and Heights of High and Low Waters

	Time	m		Time	m		Time	m		Time	m
<b>1</b> Su	<b>00:10</b>	<b>1.8</b>	<b>9</b> Mo	00:28	1.0	<b>17</b> Tu	05:32	0.5	<b>25</b> We	01:04	0.9
	05:10	0.5		07:05	1.3		11:44	1.7		07:30	1.5
	11:27	1.8		13:44	0.9		17:46	0.6		13:41	0.7
	17:40	0.5		19:45	1.3					19:50	1.5
	23:45	1.8									
<b>2</b> Mo	05:39	0.5	<b>10</b> Tu	01:59	0.9	<b>18</b> We	00:07	1.7	<b>26</b> Th	02:13	0.8
	12:04	1.8		07:58	1.4		05:58	0.6		08:20	1.6
	18:13	0.6		14:25	0.8		12:17	1.7		14:34	0.7
		20:32		1.4	18:14		0.6	20:43		1.6	
<b>3</b> Tu	00:19	1.8	<b>11</b> We	02:43	0.8	<b>19</b> Th	00:35	1.6	<b>27</b> Fr	02:59	0.7
	06:06	0.6		08:37	1.5		06:27	0.6		09:04	1.7
	12:41	1.7		14:58	0.7		12:53	1.6		15:21	0.6
	18:44	0.6		21:11	1.5		18:44	0.7		21:28	1.7
<b>4</b> We	00:52	1.7	<b>12</b> Th	03:16	0.7	<b>20</b> Fr	01:05	1.6	<b>28</b> Sa	03:37	0.6
	06:32	0.6		09:11	1.6		07:01	0.7		09:45	1.8
	13:18	1.5		15:28	0.7		13:34	1.5		16:04	0.6
	19:14	0.7		21:45	1.6		19:18	0.7		22:09	1.8
<b>5</b> Th	01:24	1.6	<b>13</b> Fr	03:46	0.6	<b>21</b> Sa	01:40	1.5	<b>29</b> Su	04:13	0.5
	06:57	0.8		09:43	1.7		07:48	0.8		10:26	1.8
	13:57	1.4		15:57	0.6		14:24	1.4		16:44	0.5
	19:44	0.8		22:17	1.7		20:01	0.8		22:48	1.8
<b>6</b> Fr	01:56	1.5	<b>14</b> Sa	04:14	0.6	<b>22</b> Su	02:26	1.4	<b>30</b> Mo	04:47	0.5
	07:29	0.9		10:14	1.7		09:06	0.9		11:06	1.8
	14:46	1.3		16:25	0.6		15:30	1.3		17:22	0.6
	20:21	0.9		22:46	1.7		20:59	0.9		23:25	1.8
<b>7</b> Sa	02:33	1.3	<b>15</b> Su	04:40	0.5	<b>23</b> Mo	03:56	1.3			
	08:25	1.0		10:43	1.8		11:01	0.9			
	16:28	1.2		16:52	0.6		17:05	1.3			
	21:23	1.0		23:14	1.7		22:38	1.0			
<b>8</b> Su	04:44	1.2	<b>16</b> Mo	05:06	0.5	<b>24</b> Tu	06:20	1.4			
	12:32	1.0		11:13	1.7		12:35	0.8			
	18:35	1.2		17:19	0.6		18:42	1.4			
				23:41	1.7						

Times shown in bold have been adjusted for N.Z. Daylight Time

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**New Zealand Hydrographic Authority Tide Predictions**

# Mana Marina

Lat. 41°06'S Long. 174°52'E

## May 2029

N.Z. Local Times and Heights of High and Low Waters

	Time	m		Time	m		Time	m		Time	m
<b>1</b> Tu	05:19	0.5	<b>9</b> We	00:49	0.9	<b>17</b> Th	05:46	0.6	<b>25</b> Fr	01:28	0.8
	11:46	1.7		07:03	1.4		12:05	1.6		07:42	1.6
	17:58	0.6		13:21	0.9		18:08	0.7		13:57	0.7
			19:49	1.4					20:11	1.5	
<b>2</b> We	00:01	1.7	<b>10</b> Th	01:49	0.8	<b>18</b> Fr	00:26	1.7	<b>26</b> Sa	02:24	0.7
	05:49	0.6		07:51	1.5		06:21	0.6		08:33	1.6
	12:26	1.6		14:07	0.8		12:46	1.6		14:53	0.7
	18:32	0.7		20:35	1.5		18:41	0.7		21:02	1.6
<b>3</b> Th	00:36	1.7	<b>11</b> Fr	02:33	0.7	<b>19</b> Sa	01:01	1.6	<b>27</b> Su	03:10	0.6
	06:19	0.7		08:31	1.6		07:02	0.7		09:21	1.7
	13:07	1.5		14:48	0.7		13:30	1.5		15:44	0.7
	19:05	0.7		21:14	1.6		19:17	0.7		21:48	1.7
<b>4</b> Fr	01:11	1.6	<b>12</b> Sa	03:09	0.7	<b>20</b> Su	01:42	1.6	<b>28</b> Mo	03:51	0.6
	06:51	0.8		09:07	1.6		07:52	0.7		10:06	1.7
	13:50	1.4		15:25	0.7		14:20	1.5		16:29	0.6
	19:40	0.8		21:49	1.6		19:59	0.8		22:29	1.7
<b>5</b> Sa	01:48	1.5	<b>13</b> Su	03:42	0.6	<b>21</b> Mo	02:33	1.5	<b>29</b> Tu	04:28	0.6
	07:31	0.8		09:42	1.7		08:56	0.8		10:50	1.7
	14:41	1.3		16:00	0.7		15:17	1.4		17:10	0.6
	20:20	0.9		22:21	1.7		20:52	0.8		23:09	1.8
<b>6</b> Su	02:33	1.4	<b>14</b> Mo	04:13	0.6	<b>22</b> Tu	03:45	1.4	<b>30</b> We	05:04	0.6
	08:31	0.9		10:16	1.7		10:15	0.8		11:34	1.6
	15:53	1.3		16:33	0.6		16:28	1.4		17:47	0.6
	21:17	0.9		22:52	1.7		22:07	0.9		23:46	1.7
<b>7</b> Mo	03:52	1.3	<b>15</b> Tu	04:43	0.6	<b>23</b> We	05:21	1.4	<b>31</b> Th	05:38	0.6
	10:23	1.0		10:51	1.7		11:38	0.8		12:16	1.6
	17:33	1.3		17:04	0.6		17:52	1.4		18:22	0.7
	23:02	1.0		23:22	1.7						
<b>8</b> Tu	05:54	1.3	<b>16</b> We	05:14	0.6	<b>24</b> Th	00:02	0.9			
	12:20	0.9		11:27	1.7		06:41	1.5			
	18:53	1.3		17:36	0.6		12:53	0.8			
				23:53	1.7		19:10	1.4			

Times listed are N.Z. Standard Time

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**New Zealand Hydrographic Authority Tide Predictions**

# Mana Marina

Lat. 41°06'S Long. 174°52'E

## June 2029

N.Z. Local Times and Heights of High and Low Waters

	Time	m		Time	m		Time	m		Time	m
<b>1</b> Fr	00:23	1.7	<b>9</b> Sa	01:49	0.8	<b>17</b> Su	00:55	1.7	<b>25</b> Mo	02:52	0.7
	06:12	0.7		07:45	1.5		06:58	0.6		09:04	1.5
	12:58	1.5		14:00	0.8		13:22	1.6		15:31	0.8
	18:55	0.7		20:44	1.5		19:10	0.7		21:33	1.6
<b>2</b> Sa	01:00	1.6	<b>10</b> Su	02:34	0.7	<b>18</b> Mo	01:36	1.6	<b>26</b> Tu	03:36	0.7
	06:47	0.7		08:31	1.5		07:43	0.7		09:54	1.6
	13:39	1.5		14:55	0.8		14:05	1.6		16:19	0.7
	19:29	0.7		21:24	1.6		19:47	0.7		22:16	1.7
<b>3</b> Su	01:37	1.6	<b>11</b> Mo	03:14	0.7	<b>19</b> Tu	02:23	1.6	<b>27</b> We	04:16	0.6
	07:26	0.8		09:14	1.6		08:34	0.7		10:41	1.6
	14:20	1.4		15:41	0.7		14:53	1.5		16:59	0.7
	20:06	0.8		22:01	1.6		20:31	0.8		22:55	1.7
<b>4</b> Mo	02:19	1.5	<b>12</b> Tu	03:51	0.6	<b>20</b> We	03:20	1.5	<b>28</b> Th	04:53	0.6
	08:12	0.8		09:56	1.6		09:31	0.8		11:24	1.6
	15:06	1.4		16:20	0.7		15:47	1.4		17:34	0.6
	20:50	0.8		22:35	1.7		21:28	0.8		23:32	1.8
<b>5</b> Tu	03:11	1.4	<b>13</b> We	04:26	0.6	<b>21</b> Th	04:32	1.5	<b>29</b> Fr	05:27	0.6
	09:08	0.9		10:36	1.6		10:38	0.8		12:04	1.6
	16:05	1.3		16:56	0.7		16:59	1.4		18:07	0.6
	21:53	0.9		23:08	1.7		23:02	0.9			
<b>6</b> We	04:23	1.4	<b>14</b> Th	05:02	0.6	<b>22</b> Fr	05:54	1.4	<b>30</b> Sa	00:08	1.7
	10:16	0.9		11:17	1.6		11:58	0.8		06:00	0.6
	17:31	1.3		17:30	0.6		18:27	1.4		12:41	1.6
	23:27	0.9		23:42	1.7					18:37	0.6
<b>7</b> Th	05:46	1.4	<b>15</b> Fr	05:38	0.6	<b>23</b> Sa	00:50	0.8			
	11:35	0.9		11:58	1.6		07:07	1.5			
	18:55	1.3		18:02	0.6		13:20	0.8			
							19:45	1.4			
<b>8</b> Fr	00:51	0.9	<b>16</b> Sa	00:17	1.7	<b>24</b> Su	01:59	0.8			
	06:52	1.4		06:17	0.6		08:09	1.5			
	12:54	0.9		12:39	1.6		14:33	0.8			
	19:56	1.4		18:35	0.6		20:44	1.5			

Times listed are N.Z. Standard Time

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**New Zealand Hydrographic Authority Tide Predictions**

# Mana Marina

Lat. 41°06'S Long. 174°52'E

## July 2029

N.Z. Local Times and Heights of High and Low Waters

	Time	m		Time	m		Time	m		Time	m
<b>1</b>	00:42	1.7	<b>9</b>	02:05	0.8	<b>17</b>	01:20	1.7	<b>25</b>	03:29	0.7
	06:32	0.7		08:00	1.4		07:24	0.6		09:47	1.5
<b>Su</b>	13:16	1.6	<b>Mo</b>	14:32	0.9	<b>Tu</b>	13:42	1.6	<b>We</b>	16:09	0.7
	19:07	0.7		21:06	1.5		19:24	0.6		22:02	1.7
<b>2</b>	01:16	1.6	<b>10</b>	02:52	0.7	<b>18</b>	02:02	1.6	<b>26</b>	04:07	0.6
	07:05	0.7		08:54	1.5		08:05	0.7		10:30	1.6
<b>Mo</b>	13:48	1.5	<b>Tu</b>	15:29	0.8	<b>We</b>	14:22	1.6	<b>Th</b>	16:44	0.6
	19:37	0.7		21:44	1.6		20:00	0.7		22:39	1.8
<b>3</b>	01:52	1.6	<b>11</b>	03:34	0.6	<b>19</b>	02:50	1.5	<b>27</b>	04:40	0.6
	07:41	0.7		09:42	1.6		08:49	0.7		11:09	1.6
<b>Tu</b>	14:20	1.5	<b>We</b>	16:11	0.7	<b>Th</b>	15:06	1.5	<b>Fr</b>	17:15	0.6
	20:13	0.8		22:19	1.7		20:44	0.8		23:14	1.8
<b>4</b>	02:31	1.5	<b>12</b>	04:13	0.6	<b>20</b>	03:50	1.4	<b>28</b>	05:12	0.6
	08:21	0.8		10:26	1.6		09:41	0.8		11:44	1.7
<b>We</b>	14:54	1.4	<b>Th</b>	16:46	0.7	<b>Fr</b>	16:03	1.4	<b>Sa</b>	17:43	0.6
	20:56	0.8		22:54	1.7		21:59	0.9		23:46	1.8
<b>5</b>	03:18	1.4	<b>13</b>	04:51	0.5	<b>21</b>	05:11	1.4	<b>29</b>	05:41	0.6
	09:07	0.8		11:07	1.7		10:56	0.9		12:16	1.7
<b>Th</b>	15:36	1.3	<b>Fr</b>	17:19	0.6	<b>Sa</b>	17:45	1.3	<b>Su</b>	18:10	0.6
	22:01	0.9		23:28	1.8						
<b>6</b>	04:18	1.4	<b>14</b>	05:28	0.5	<b>22</b>	00:25	0.9	<b>30</b>	00:17	1.8
	10:00	0.9		11:47	1.7		06:41	1.4		06:09	0.6
<b>Fr</b>	16:57	1.3	<b>Sa</b>	17:50	0.6	<b>Su</b>	12:52	0.9	<b>Mo</b>	12:45	1.6
	23:44	0.9					19:28	1.4		18:36	0.6
<b>7</b>	05:36	1.4	<b>15</b>	00:04	1.8	<b>23</b>	01:49	0.8	<b>31</b>	00:48	1.7
	11:10	0.9		06:06	0.5		07:57	1.4		06:37	0.6
<b>Sa</b>	19:14	1.3	<b>Su</b>	12:26	1.7	<b>Mo</b>	14:26	0.9	<b>Tu</b>	13:12	1.6
				18:21	0.6		20:33	1.5		19:03	0.6
<b>8</b>	01:08	0.9	<b>16</b>	00:41	1.8	<b>24</b>	02:44	0.8			
	06:55	1.4		06:45	0.5		08:57	1.5			
<b>Su</b>	13:00	0.9	<b>Mo</b>	13:04	1.7	<b>Tu</b>	15:27	0.8			
	20:20	1.4		18:52	0.6		21:22	1.6			

Times listed are N.Z. Standard Time

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**New Zealand Hydrographic Authority Tide Predictions**

# Mana Marina

Lat. 41°06'S Long. 174°52'E

## August 2029

N.Z. Local Times and Heights of High and Low Waters

	Time	m		Time	m		Time	m		Time	m
<b>1</b> We	01:19 07:07 13:38 19:32	1.7 0.6 1.6 0.7	<b>9</b> Th	03:18 09:29 15:56 22:00	0.6 1.6 0.7 1.7	<b>17</b> Fr	02:19 08:11 14:28 20:00	1.5 0.8 1.5 0.8	<b>25</b> Sa	04:23 10:47 16:49 22:50	0.6 1.7 0.5 1.8
<b>2</b> Th	01:52 07:40 14:05 20:05	1.6 0.7 1.5 0.8	<b>10</b> Fr	03:58 10:12 16:29 22:35	0.5 1.7 0.6 1.8	<b>18</b> Sa	03:12 08:52 15:13 20:56	1.4 0.9 1.4 0.9	<b>26</b> Su	04:50 11:18 17:15 23:20	0.5 1.7 0.5 1.8
<b>3</b> Fr	02:30 08:17 14:34 20:52	1.5 0.8 1.4 0.9	<b>11</b> Sa	04:36 10:51 16:59 23:09	0.5 1.7 0.5 1.9	<b>19</b> Su	04:36 09:56 17:02	1.3 1.0 1.3	<b>27</b> Mo	05:17 11:47 17:40 23:49	0.5 1.7 0.5 1.8
<b>4</b> Sa	03:18 09:01 15:12 22:22	1.4 0.8 1.3 0.9	<b>12</b> Su	05:13 11:28 17:29 23:45	0.5 1.8 0.5 1.9	<b>20</b> Mo	00:23 06:32 12:42 19:22	1.0 1.3 1.0 1.3	<b>28</b> Tu	05:42 12:14 18:04	0.5 1.7 0.5
<b>5</b> Su	04:25 09:59 17:26	1.3 0.9 1.2	<b>13</b> Mo	05:49 12:05 17:59	0.5 1.8 0.5	<b>21</b> Tu	01:52 07:55 14:28 20:24	0.9 1.3 0.9 1.5	<b>29</b> We	00:17 06:08 12:38 18:28	1.8 0.6 1.7 0.6
<b>6</b> Mo	00:30 06:06 11:44 20:01	0.9 1.3 1.0 1.3	<b>14</b> Tu	00:21 06:25 12:41 18:28	1.8 0.5 1.8 0.5	<b>22</b> We	02:43 08:51 15:18 21:07	0.8 1.4 0.8 1.6	<b>30</b> Th	00:45 06:35 13:02 18:53	1.7 0.6 1.6 0.6
<b>7</b> Tu	01:43 07:38 14:20 20:48	0.8 1.4 0.9 1.5	<b>15</b> We	00:58 07:00 13:16 18:56	1.8 0.6 1.7 0.6	<b>23</b> Th	03:21 09:35 15:52 21:44	0.7 1.5 0.7 1.7	<b>31</b> Fr	01:16 07:04 13:27 19:22	1.6 0.7 1.6 0.7
<b>8</b> We	02:35 08:40 15:18 21:25	0.7 1.5 0.8 1.6	<b>16</b> Th	01:37 07:35 13:51 19:25	1.7 0.7 1.6 0.7	<b>24</b> Fr	03:53 10:13 16:22 22:18	0.6 1.6 0.6 1.8			

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**New Zealand Hydrographic Authority Tide Predictions**

# Mana Marina

Lat. 41°06'S Long. 174°52'E

## September 2029

N.Z. Local Times and Heights of High and Low Waters

	Time	m		Time	m		Time	m		Time	m
<b>1</b> Sa	01:51	1.5	<b>9</b> Su	04:17	0.5	<b>17</b> Mo	04:14	1.2	<b>25</b> Tu	04:52	0.5
	07:37	0.7		10:29	1.8		09:19	1.0		11:19	1.8
	13:53	1.5		16:35	0.5		16:24	1.2		17:11	0.5
	19:59	0.8		22:46	1.9					23:20	1.8
<b>2</b> Su	02:35	1.4	<b>10</b> Mo	04:54	0.4	<b>18</b> Tu	00:35	1.0	<b>26</b> We	05:17	0.5
	08:17	0.8		11:06	1.8		06:28	1.2		11:46	1.8
	14:24	1.4		17:05	0.5		12:35	1.0		17:35	0.5
	21:11	0.9		23:22	1.9		19:09	1.3		23:48	1.8
<b>3</b> Mo	03:38	1.3	<b>11</b> Tu	05:30	0.4	<b>19</b> We	01:53	0.9	<b>27</b> Th	05:43	0.6
	09:11	0.9		11:42	1.8		07:46	1.3		12:10	1.7
	15:18	1.2		17:35	0.5		14:12	0.9		17:59	0.6
	23:53	1.0		23:58	1.8		20:06	1.5			
<b>4</b> Tu	05:27	1.3	<b>12</b> We	06:04	0.5	<b>20</b> Th	02:33	0.8	<b>28</b> Fr	00:17	1.7
	10:52	1.0		12:17	1.8		08:35	1.4		06:09	0.6
	19:35	1.3		18:03	0.5		14:54	0.8		12:35	1.7
							20:45	1.6		18:24	0.6
<b>5</b> We	01:21	0.9	<b>13</b> Th	00:35	1.8	<b>21</b> Fr	03:04	0.7	<b>29</b> Sa	00:48	1.6
	07:19	1.3		06:37	0.6		09:15	1.6		06:38	0.7
	14:01	0.9		12:51	1.7		15:25	0.7		13:00	1.6
	20:23	1.5		18:29	0.6		21:20	1.7		18:52	0.7
<b>6</b> Th	02:15	0.7	<b>14</b> Fr	01:13	1.6	<b>22</b> Sa	03:33	0.6	<b>30</b> Su	01:24	1.5
	08:23	1.5		07:09	0.7		09:49	1.7		<b>08:09</b>	<b>0.7</b>
	14:56	0.8		13:24	1.6		15:54	0.6		<b>14:28</b>	<b>1.5</b>
	21:01	1.6		18:56	0.7		21:52	1.8		<b>20:29</b>	<b>0.8</b>
<b>7</b> Fr	03:00	0.6	<b>15</b> Sa	01:53	1.5	<b>23</b> Su	04:00	0.6			
	09:10	1.6		07:41	0.8		10:22	1.7			
	15:32	0.7		13:58	1.5		16:21	0.5			
	21:36	1.7		19:26	0.8		22:22	1.8			
<b>8</b> Sa	03:39	0.5	<b>16</b> Su	02:43	1.3	<b>24</b> Mo	04:27	0.5			
	09:51	1.7		08:19	0.9		10:52	1.8			
	16:04	0.6		14:37	1.4		16:46	0.5			
	22:11	1.8		20:14	0.9		22:52	1.8			

Times shown in bold have been adjusted for N.Z. Daylight Time

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New Zealand Hydrographic Authority Tide Predictions

## Mana Marina

Lat. 41°06'S Long. 174°52'E

## October 2029

N.Z. Local Times and Heights of High and Low Waters

	Time	m		Time	m		Time	m		Time	m
<b>1</b> Mo	03:08	1.4	<b>9</b> Tu	05:35	0.5	<b>17</b> We	01:01	1.0	<b>25</b> Th	05:59	0.6
	08:48	0.8		11:44	1.8		07:01	1.2		12:24	1.7
	15:02	1.4		17:42	0.5		12:48	1.0		18:13	0.5
	21:36	0.9					19:30	1.3			
<b>2</b> Tu	04:11	1.3	<b>10</b> We	00:00	1.9	<b>18</b> Th	02:23	0.9	<b>26</b> Fr	00:25	1.7
	09:43	0.9		06:12	0.5		08:17	1.3		06:27	0.6
	16:03	1.3		12:21	1.9		14:30	0.9		12:50	1.7
		18:13		0.5	20:31		1.4	18:40		0.6	
<b>3</b> We	00:03	0.9	<b>11</b> Th	00:38	1.8	<b>19</b> Fr	03:04	0.8	<b>27</b> Sa	00:57	1.7
	05:54	1.3		06:47	0.5		09:08	1.4		06:54	0.6
	11:20	1.0		12:56	1.8		15:18	0.8		13:18	1.7
	19:43	1.3		18:42	0.5		21:13	1.5		19:08	0.6
<b>4</b> Th	01:49	0.9	<b>12</b> Fr	01:16	1.7	<b>20</b> Sa	03:36	0.8	<b>28</b> Su	01:31	1.6
	07:49	1.3		07:21	0.6		09:48	1.5		07:24	0.7
	14:18	0.9		13:31	1.7		15:53	0.7		13:47	1.6
	20:46	1.5		19:10	0.6		21:49	1.6		19:40	0.7
<b>5</b> Fr	02:48	0.7	<b>13</b> Sa	01:55	1.6	<b>21</b> Su	04:06	0.7	<b>29</b> Mo	02:10	1.5
	08:56	1.5		07:53	0.7		10:24	1.6		07:57	0.7
	15:22	0.8		14:05	1.6		16:24	0.6		14:19	1.5
	21:29	1.6		19:38	0.7		22:23	1.7		20:21	0.8
<b>6</b> Sa	03:35	0.6	<b>14</b> Su	02:37	1.4	<b>22</b> Mo	04:36	0.6	<b>30</b> Tu	02:56	1.4
	09:45	1.6		08:26	0.8		10:57	1.7		08:36	0.8
	16:02	0.7		14:40	1.5		16:53	0.5		15:00	1.4
	22:08	1.7		20:11	0.8		22:54	1.8		21:25	0.9
<b>7</b> Su	04:17	0.5	<b>15</b> Mo	03:28	1.3	<b>23</b> Tu	05:04	0.6	<b>31</b> We	03:56	1.4
	10:27	1.7		09:05	0.9		11:27	1.7		09:28	0.9
	16:37	0.6		15:22	1.4		17:20	0.5		16:08	1.3
	22:45	1.8		21:02	0.9		23:25	1.8		23:07	0.9
<b>8</b> Mo	04:57	0.5	<b>16</b> Tu	04:55	1.2	<b>24</b> We	05:32	0.6			
	11:06	1.8		10:06	1.0		11:56	1.8			
	17:10	0.5		16:54	1.3		17:47	0.5			
	23:23	1.9					23:55	1.8			

Times listed are N.Z. Daylight Time

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New Zealand Hydrographic Authority Tide Predictions

## Mana Marina

Lat. 41°06'S Long. 174°52'E

## November 2029

N.Z. Local Times and Heights of High and Low Waters

	Time	m		Time	m		Time	m		Time	m
<b>1</b> Th	05:19	1.3	<b>9</b> Fr	00:24	1.7	<b>17</b> Sa	02:07	0.9	<b>25</b> Su	00:48	1.6
	10:49	0.9		06:37	0.6		08:30	1.4		06:50	0.6
	18:27	1.3		12:41	1.8		14:32	0.9		13:09	1.7
			18:31	0.6	20:32	1.5	19:02	0.6			
<b>2</b> Fr	00:56	0.9	<b>10</b> Sa	01:05	1.6	<b>18</b> Su	02:56	0.8	<b>26</b> Mo	01:25	1.6
	07:02	1.3		07:13	0.6		09:18	1.5		07:21	0.7
	13:14	0.9		13:18	1.7		15:18	0.8		13:41	1.6
	19:58	1.4	19:02	0.6	21:15	1.5	19:38	0.6			
<b>3</b> Sa	02:09	0.8	<b>11</b> Su	01:47	1.6	<b>19</b> Mo	03:37	0.8	<b>27</b> Tu	02:05	1.6
	08:20	1.4		07:47	0.7		09:59	1.6		07:53	0.7
	14:41	0.8		13:54	1.6		15:55	0.7		14:18	1.6
	20:53	1.6	19:34	0.7	21:53	1.6	20:20	0.7			
<b>4</b> Su	03:05	0.7	<b>12</b> Mo	02:30	1.5	<b>20</b> Tu	04:14	0.7	<b>28</b> We	02:49	1.5
	09:16	1.6		08:21	0.8		10:35	1.6		08:30	0.7
	15:31	0.7		14:31	1.5		16:28	0.6		15:01	1.5
	21:38	1.7	20:10	0.8	22:28	1.6	21:13	0.8			
<b>5</b> Mo	03:54	0.6	<b>13</b> Tu	03:18	1.4	<b>21</b> We	04:48	0.7	<b>29</b> Th	03:39	1.4
	10:03	1.7		08:59	0.8		11:08	1.7		09:14	0.8
	16:12	0.6		15:15	1.4		16:59	0.6		15:59	1.4
	22:21	1.8	21:00	0.9	23:03	1.7	22:21	0.8			
<b>6</b> Tu	04:38	0.6	<b>14</b> We	04:21	1.3	<b>22</b> Th	05:20	0.6	<b>30</b> Fr	04:41	1.4
	10:45	1.8		09:49	0.9		11:39	1.7		10:14	0.9
	16:49	0.5		16:20	1.3		17:30	0.5		17:25	1.4
	23:02	1.8	22:24	1.0	23:37	1.7	23:46	0.8			
<b>7</b> We	05:20	0.5	<b>15</b> Th	05:56	1.2	<b>23</b> Fr	05:51	0.6			
	11:25	1.8		11:21	1.0		12:09	1.7			
	17:25	0.5		18:15	1.3		18:00	0.5			
	23:43	1.8									
<b>8</b> Th	06:00	0.5	<b>16</b> Fr	00:56	1.0	<b>24</b> Sa	00:12	1.7			
	12:04	1.8		07:27	1.3		06:21	0.6			
	17:58	0.5		13:26	0.9		12:38	1.7			
			19:38	1.4	18:30	0.6					

Times listed are N.Z. Daylight Time

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New Zealand Hydrographic Authority Tide Predictions

## Mana Marina

Lat. 41°06'S Long. 174°52'E

## December 2029

N.Z. Local Times and Heights of High and Low Waters

	Time	m		Time	m		Time	m		Time	m
<b>1</b>	06:03	1.4	<b>9</b>	00:59	1.6	<b>17</b>	01:42	0.9	<b>25</b>	01:20	1.7
Sa	11:57	0.9	Su	07:07	0.6	Mo	08:47	1.4	Tu	07:16	0.6
	19:02	1.4		13:08	1.8		14:40	0.8		13:35	1.7
				19:00	0.6		20:35	1.4		19:35	0.6
<b>2</b>	01:15	0.8	<b>10</b>	01:40	1.6	<b>18</b>	03:02	0.9	<b>26</b>	01:57	1.6
Su	07:35	1.4	Mo	07:40	0.7	Tu	09:38	1.4	We	07:46	0.6
	13:57	0.9		13:44	1.7		15:28	0.8		14:11	1.7
	20:14	1.5		19:32	0.7		21:24	1.5		20:13	0.6
<b>3</b>	02:31	0.8	<b>11</b>	02:20	1.5	<b>19</b>	03:59	0.8	<b>27</b>	02:36	1.6
Mo	08:47	1.5	Tu	08:11	0.7	We	10:19	1.5	Th	08:18	0.7
	15:04	0.8		14:20	1.6		16:08	0.7		14:51	1.6
	21:11	1.6		20:06	0.7		22:08	1.5		20:55	0.7
<b>4</b>	03:33	0.7	<b>12</b>	02:59	1.4	<b>20</b>	04:42	0.8	<b>28</b>	03:17	1.5
Tu	09:42	1.6	We	08:43	0.8	Th	10:55	1.6	Fr	08:53	0.7
	15:53	0.7		14:59	1.5		16:45	0.6		15:38	1.5
	22:01	1.6		20:44	0.8		22:49	1.6		21:43	0.7
<b>5</b>	04:27	0.7	<b>13</b>	03:39	1.4	<b>21</b>	05:18	0.7	<b>29</b>	04:04	1.5
We	10:30	1.7	Th	09:21	0.8	Fr	11:27	1.7	Sa	09:37	0.8
	16:36	0.6		15:43	1.4		17:19	0.6		16:40	1.5
	22:48	1.7		21:30	0.9		23:28	1.6		22:41	0.8
<b>6</b>	05:13	0.6	<b>14</b>	04:27	1.3	<b>22</b>	05:50	0.7	<b>30</b>	05:04	1.4
Th	11:12	1.7	Fr	10:12	0.9	Sa	11:58	1.7	Su	10:45	0.9
	17:15	0.6		16:44	1.4		17:52	0.6		18:04	1.4
	23:34	1.7		22:28	0.9						
<b>7</b>	05:55	0.6	<b>15</b>	05:46	1.3	<b>23</b>	00:05	1.7	<b>31</b>	00:02	0.9
Fr	11:52	1.8	Sa	11:44	0.9	Su	06:19	0.6	Mo	06:39	1.3
	17:51	0.6		18:12	1.3		12:29	1.7		13:10	0.9
				23:48	0.9		18:25	0.5		19:36	1.4
<b>8</b>	00:17	1.7	<b>16</b>	07:35	1.3	<b>24</b>	00:43	1.7			
Sa	06:32	0.6	Su	13:35	0.9	Mo	06:48	0.6			
	12:31	1.8		19:34	1.4		13:01	1.7			
	18:26	0.6					18:59	0.5			

Times listed are N.Z. Daylight Time

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