

New Zealand Hydrographic Authority Tide Predictions

## Port Chalmers

Lat. 45°49'S Long. 170°39'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	04:36	2.1	<b>9</b> Tu	05:30	0.4	<b>17</b> We	06:11	2.0	<b>25</b> Th	00:07	1.7
	10:49	0.3		11:46	2.0		12:23	0.4		06:25	0.6
	16:54	2.0		17:59	0.3		18:29	1.9		12:32	1.7
	23:04	0.3								18:44	0.6
<b>2</b> Tu	05:22	2.1	<b>10</b> We	00:17	2.1	<b>18</b> Th	00:43	0.4	<b>26</b> Fr	00:58	1.8
	11:35	0.3		06:34	0.4		06:52	2.0		07:19	0.6
	17:41	2.0		12:46	2.0		13:06	0.4		13:21	1.8
	23:53	0.2		18:59	0.3		19:13	1.9		19:32	0.5
<b>3</b> We	06:09	2.2	<b>11</b> Th	01:15	2.1	<b>19</b> Fr	01:26	0.4	<b>27</b> Sa	01:47	1.9
	12:23	0.3		07:35	0.4		07:33	1.9		08:07	0.5
	18:30	2.1		13:42	2.0		13:48	0.5		14:09	1.8
				19:55	0.3		19:57	1.8		20:19	0.4
<b>4</b> Th	00:44	0.2	<b>12</b> Fr	02:12	2.1	<b>20</b> Sa	02:08	0.5	<b>28</b> Su	02:36	2.0
	06:58	2.2		08:31	0.3		08:16	1.8		08:53	0.4
	13:13	0.3		14:36	2.0		14:32	0.5		14:56	1.9
	19:22	2.1		20:47	0.2		20:43	1.8		21:05	0.3
<b>5</b> Fr	01:37	0.2	<b>13</b> Sa	03:05	2.1	<b>21</b> Su	02:52	0.6	<b>29</b> Mo	03:24	2.1
	07:50	2.1		09:22	0.3		09:02	1.8		09:38	0.3
	14:05	0.3		15:27	2.0		15:17	0.6		15:43	2.0
	20:17	2.1		21:37	0.2		21:32	1.7		21:52	0.2
<b>6</b> Sa	02:30	0.2	<b>14</b> Su	03:56	2.1	<b>22</b> Mo	03:38	0.6	<b>30</b> Tu	04:12	2.2
	08:45	2.1		10:10	0.3		09:52	1.7		10:23	0.3
	15:00	0.3		16:15	2.0		16:06	0.6		16:30	2.1
	21:16	2.0		22:26	0.2		22:24	1.7		22:41	0.2
<b>7</b> Su	03:27	0.3	<b>15</b> Mo	04:44	2.1	<b>23</b> Tu	04:30	0.6	<b>31</b> We	04:59	2.2
	09:44	2.0		10:56	0.3		10:46	1.7		11:10	0.2
	15:57	0.3		17:01	2.0		16:58	0.6		17:19	2.2
	22:16	2.0		23:13	0.3		23:15	1.7		23:31	0.1
<b>8</b> Mo	04:26	0.3	<b>16</b> Tu	05:28	2.1	<b>24</b> We	05:26	0.7			
	10:45	2.0		11:40	0.3		11:40	1.7			
	16:58	0.3		17:46	2.0		17:52	0.6			
	23:17	2.0		23:58	0.3						

Times listed are N.Z. Daylight Time

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New Zealand Hydrographic Authority Tide Predictions

## Port Chalmers

Lat. 45°49'S Long. 170°39'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	05:47	2.3	<b>9</b> Fr	01:02	2.0	<b>17</b> Sa	00:50	0.4	<b>25</b> Su	01:15	1.9
	11:58	0.2		07:24	0.4		06:54	1.9		07:35	0.5
	18:08	2.2		13:28	1.9		13:08	0.5		13:38	1.9
				19:42	0.3		19:16	1.8		19:49	0.4
<b>2</b> Fr	00:23	0.1	<b>10</b> Sa	01:58	2.0	<b>18</b> Su	01:30	0.5	<b>26</b> Mo	02:07	2.0
	06:36	2.2		08:18	0.4		07:33	1.8		08:22	0.4
	12:49	0.2		14:20	2.0		13:49	0.5		14:28	2.0
	19:01	2.2		20:33	0.3		19:58	1.8		20:38	0.3
<b>3</b> Sa	01:16	0.1	<b>11</b> Su	02:49	2.1	<b>19</b> Mo	02:11	0.6	<b>27</b> Tu	02:57	2.1
	07:28	2.2		09:06	0.3		08:15	1.7		09:09	0.3
	13:43	0.2		15:09	2.0		14:33	0.6		15:17	2.1
	19:56	2.1		21:21	0.3		20:45	1.7		21:27	0.2
<b>4</b> Su	02:11	0.2	<b>12</b> Mo	03:37	2.1	<b>20</b> Tu	02:56	0.6	<b>28</b> We	03:46	2.2
	08:24	2.1		09:49	0.3		09:04	1.7		09:55	0.2
	14:39	0.3		15:54	2.0		15:20	0.6		16:06	2.2
	20:56	2.1		22:06	0.3		21:37	1.7		22:17	0.1
<b>5</b> Mo	03:09	0.3	<b>13</b> Tu	04:21	2.1	<b>21</b> We	03:47	0.7			
	09:24	2.0		10:31	0.3		10:00	1.6			
	15:38	0.3		16:37	2.0		16:13	0.6			
	21:58	2.1		22:48	0.3		22:32	1.7			
<b>6</b> Tu	04:11	0.4	<b>14</b> We	05:02	2.0	<b>22</b> Th	04:44	0.7			
	10:28	1.9		11:11	0.4		10:59	1.6			
	16:41	0.3		17:18	2.0		17:08	0.6			
	23:01	2.0		23:30	0.3		23:28	1.7			
<b>7</b> We	05:17	0.4	<b>15</b> Th	05:40	2.0	<b>23</b> Fr	05:45	0.6			
	11:31	1.9		11:50	0.4		11:55	1.7			
	17:45	0.4		17:58	1.9		18:05	0.6			
<b>8</b> Th	00:03	2.0	<b>16</b> Fr	00:10	0.4	<b>24</b> Sa	00:22	1.8			
	06:23	0.4		06:17	1.9		06:43	0.6			
	12:32	1.9		12:28	0.4		12:48	1.8			
	18:46	0.3		18:37	1.9		18:58	0.5			

Times listed are N.Z. Daylight Time

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New Zealand Hydrographic Authority Tide Predictions

# Port Chalmers

Lat. 45°49'S Long. 170°39'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	04:35	2.3	<b>9</b> Fr	06:08	0.4	<b>17</b> Sa	05:44	1.9	<b>25</b> Su	06:07	0.5
	10:43	0.1		12:16	1.9		11:53	0.4		12:16	1.8
	16:56	2.3		18:30	0.4		18:03	1.9		18:25	0.4
	23:09	0.1									
<b>2</b> Fr	05:24	2.3	<b>10</b> Sa	00:45	2.0	<b>18</b> Su	00:16	0.5	<b>26</b> Mo	00:44	1.9
	11:33	0.1		07:07	0.4		06:19	1.8		07:01	0.4
	17:47	2.3		13:10	1.9		12:31	0.5		13:09	1.9
		19:25		0.4	18:41		1.8	19:19		0.3	
<b>3</b> Sa	00:02	0.1	<b>11</b> Su	01:39	2.0	<b>19</b> Mo	00:56	0.5	<b>27</b> Tu	01:37	2.0
	06:14	2.3		07:58	0.4		06:56	1.8		07:52	0.3
	12:26	0.1		14:01	1.9		13:12	0.5		14:00	2.1
	18:40	2.3		20:15	0.3		19:22	1.8		20:12	0.2
<b>4</b> Su	00:56	0.1	<b>12</b> Mo	02:28	2.0	<b>20</b> Tu	01:38	0.6	<b>28</b> We	02:29	2.2
	07:07	2.2		08:43	0.4		07:38	1.7		08:40	0.2
	13:21	0.2		14:47	2.0		13:56	0.6		14:51	2.2
	19:37	2.2		21:00	0.3		20:07	1.8		21:03	0.1
<b>5</b> Mo	01:53	0.2	<b>13</b> Tu	03:13	2.0	<b>21</b> We	02:23	0.6	<b>29</b> Th	03:20	2.2
	08:04	2.1		09:24	0.4		08:27	1.7		09:29	0.1
	14:19	0.2		15:30	2.0		14:43	0.6		15:42	2.3
	20:37	2.1		21:42	0.3		20:58	1.7		21:55	0.1
<b>6</b> Tu	02:52	0.3	<b>14</b> We	03:54	2.0	<b>22</b> Th	03:13	0.6	<b>30</b> Fr	04:11	2.3
	09:06	2.0		10:02	0.4		09:23	1.6		10:18	0.1
	15:20	0.3		16:11	2.0		15:35	0.6		16:34	2.3
	21:40	2.1		22:22	0.4		21:55	1.7		22:48	0.0
<b>7</b> We	03:56	0.4	<b>15</b> Th	04:33	2.0	<b>23</b> Fr	04:09	0.6	<b>31</b> Sa	05:02	2.3
	10:11	1.9		10:39	0.4		10:23	1.7		11:10	0.1
	16:24	0.4		16:49	2.0		16:31	0.6		17:27	2.3
	22:44	2.0		23:00	0.4		22:52	1.8		23:42	0.1
<b>8</b> Th	05:02	0.4	<b>16</b> Fr	05:09	1.9	<b>24</b> Sa	05:08	0.6			
	11:16	1.9		11:16	0.4		11:21	1.7			
	17:29	0.4		17:26	1.9		17:29	0.5			
	23:47	2.0		23:38	0.4		23:49	1.9			

Times listed are N.Z. Daylight Time

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**New Zealand Hydrographic Authority Tide Predictions**

# Port Chalmers

Lat. 45°49'S Long. 170°39'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>	04:53	2.2	<b>9</b>	00:13	2.0	<b>17</b>	05:28	1.8	<b>25</b>	00:10	2.1
	11:04	0.1		06:31	0.4		11:41	0.5		06:23	0.3
<b>Su</b>	17:21	2.3	<b>Mo</b>	12:35	1.9	<b>Tu</b>	17:54	1.8	<b>We</b>	12:34	2.1
	23:38	0.1		18:49	0.4					18:47	0.2
<b>2</b>	05:47	2.2	<b>10</b>	01:00	2.0	<b>18</b>	00:11	0.5	<b>26</b>	01:04	2.1
	12:01	0.2		07:14	0.4		06:10	1.7		07:14	0.2
<b>Mo</b>	18:18	2.2	<b>Tu</b>	13:20	1.9	<b>We</b>	12:26	0.6	<b>Th</b>	13:28	2.2
				19:33	0.4		18:39	1.8		19:42	0.1
<b>3</b>	00:36	0.2	<b>11</b>	01:44	1.9	<b>19</b>	00:56	0.6	<b>27</b>	01:57	2.2
	06:44	2.1		07:54	0.4		06:59	1.7		08:05	0.1
<b>Tu</b>	13:00	0.2	<b>We</b>	14:02	1.9	<b>Th</b>	13:15	0.6	<b>Fr</b>	14:22	2.3
	19:18	2.1		20:14	0.4		19:29	1.8		20:35	0.1
<b>4</b>	01:35	0.3	<b>12</b>	02:24	1.9	<b>20</b>	01:46	0.6	<b>28</b>	02:49	2.2
	07:46	2.0		08:32	0.4		07:54	1.7		08:56	0.1
<b>We</b>	14:02	0.3	<b>Th</b>	14:42	1.9	<b>Fr</b>	14:06	0.6	<b>Sa</b>	15:15	2.3
	20:20	2.1		20:53	0.4		20:24	1.8		21:29	0.1
<b>5</b>	02:38	0.4	<b>13</b>	03:02	1.9	<b>21</b>	02:39	0.6	<b>29</b>	03:41	2.2
	08:51	1.9		09:08	0.4		08:53	1.7		09:49	0.1
<b>Th</b>	15:04	0.4	<b>Fr</b>	15:20	1.9	<b>Sa</b>	15:00	0.5	<b>Su</b>	16:09	2.3
	21:24	2.0		21:31	0.4		21:21	1.8		22:24	0.1
<b>6</b>	03:42	0.4	<b>14</b>	03:38	1.9	<b>22</b>	03:36	0.6	<b>30</b>	04:34	2.2
	09:55	1.9		09:44	0.4		09:51	1.8		10:45	0.1
<b>Fr</b>	16:07	0.4	<b>Sa</b>	15:57	1.9	<b>Su</b>	15:57	0.5	<b>Mo</b>	17:04	2.3
	22:25	2.0		22:09	0.5		22:19	1.9		23:20	0.2
<b>7</b>	04:45	0.4	<b>15</b>	04:13	1.9	<b>23</b>	04:34	0.5			
	10:53	1.9		10:20	0.5		10:47	1.9			
<b>Sa</b>	17:06	0.4	<b>Su</b>	16:34	1.9	<b>Mo</b>	16:55	0.4			
	23:21	2.0		22:47	0.5		23:15	2.0			
<b>8</b>	05:41	0.4	<b>16</b>	04:49	1.8	<b>24</b>	05:30	0.4			
	11:46	1.9		10:59	0.5		11:41	2.0			
<b>Su</b>	18:00	0.4	<b>Mo</b>	17:12	1.9	<b>Tu</b>	17:52	0.3			
				23:28	0.5						

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

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**New Zealand Hydrographic Authority Tide Predictions**

# Port Chalmers

Lat. 45°49'S Long. 170°39'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	05:28	2.1	<b>9</b> We	00:27	1.9	<b>17</b> Th	05:48	1.8	<b>25</b> Fr	00:42	2.1
	11:42	0.2		06:41	0.4		12:02	0.5		06:52	0.2
	17:59	2.2		12:48	1.9		18:16	1.9		13:09	2.2
		19:02		0.5			19:24	0.2			
<b>2</b> We	00:17	0.2	<b>10</b> Th	01:10	1.9	<b>18</b> Fr	00:33	0.5	<b>26</b> Sa	01:37	2.1
	06:24	2.0		07:22	0.4		06:36	1.8		07:45	0.1
	12:41	0.2		13:30	1.9		12:51	0.5		14:04	2.2
	18:57	2.1		19:44	0.5		19:05	1.9		20:19	0.2
<b>3</b> Th	01:15	0.3	<b>11</b> Fr	01:51	1.9	<b>19</b> Sa	01:21	0.5	<b>27</b> Su	02:30	2.2
	07:24	2.0		08:00	0.4		07:29	1.8		08:38	0.1
	13:40	0.3		14:11	1.9		13:41	0.5		14:59	2.3
	19:56	2.1		20:25	0.5		19:58	1.9		21:13	0.2
<b>4</b> Fr	02:14	0.4	<b>12</b> Sa	02:30	1.9	<b>20</b> Su	02:13	0.5	<b>28</b> Mo	03:23	2.2
	08:26	1.9		08:37	0.4		08:26	1.8		09:32	0.1
	14:38	0.4		14:51	1.9		14:34	0.4		15:53	2.3
	20:56	2.0		21:03	0.5		20:54	1.9		22:08	0.2
<b>5</b> Sa	03:13	0.4	<b>13</b> Su	03:08	1.9	<b>21</b> Mo	03:08	0.5	<b>29</b> Tu	04:16	2.2
	09:27	1.9		09:14	0.4		09:24	1.9		10:27	0.1
	15:37	0.4		15:29	1.9		15:31	0.4		16:46	2.3
	21:55	1.9		21:42	0.5		21:52	1.9		23:02	0.2
<b>6</b> Su	04:12	0.5	<b>14</b> Mo	03:45	1.8	<b>22</b> Tu	04:05	0.4	<b>30</b> We	05:08	2.1
	10:24	1.9		09:52	0.4		10:21	1.9		11:23	0.2
	16:33	0.4		16:08	1.9		16:29	0.4		17:39	2.2
	22:49	1.9		22:22	0.5		22:49	2.0		23:56	0.3
<b>7</b> Mo	05:07	0.5	<b>15</b> Tu	04:24	1.8	<b>23</b> We	05:02	0.4	<b>31</b> Th	06:02	2.0
	11:15	1.9		10:33	0.5		11:17	2.0		12:18	0.2
	17:27	0.5		16:48	1.9		17:29	0.3		18:33	2.1
	23:40	1.9		23:03	0.5		23:46	2.0			
<b>8</b> Tu	05:56	0.4	<b>16</b> We	05:04	1.8	<b>24</b> Th	05:58	0.3			
	12:03	1.9		11:16	0.5		12:13	2.1			
	18:17	0.5		17:30	1.9		18:27	0.3			
				23:47	0.5						

Times listed are N.Z. Standard Time

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**New Zealand Hydrographic Authority Tide Predictions**

# Port Chalmers

Lat. 45°49'S Long. 170°39'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	00:50	0.3	<b>9</b> Sa	01:18	1.8	<b>17</b> Su	00:58	0.4	<b>25</b> Mo	02:15	2.1
	06:58	2.0		07:27	0.5		07:06	1.9		08:24	0.2
	13:13	0.3		13:40	1.9		13:19	0.4		14:45	2.2
	19:27	2.0		19:56	0.5		19:34	2.0		20:59	0.2
<b>2</b> Sa	01:44	0.4	<b>10</b> Su	01:59	1.8	<b>18</b> Mo	01:49	0.4	<b>26</b> Tu	03:07	2.1
	07:55	1.9		08:07	0.4		08:02	1.9		09:17	0.1
	14:07	0.4		14:21	1.9		14:12	0.4		15:37	2.2
	20:22	2.0		20:36	0.5		20:30	2.0		21:51	0.2
<b>3</b> Su	02:38	0.4	<b>11</b> Mo	02:39	1.8	<b>19</b> Tu	02:43	0.4	<b>27</b> We	03:58	2.1
	08:52	1.9		08:46	0.4		09:00	2.0		10:09	0.2
	15:00	0.4		15:03	1.9		15:08	0.4		16:28	2.2
	21:17	1.9		21:16	0.5		21:28	2.0		22:41	0.2
<b>4</b> Mo	03:32	0.5	<b>12</b> Tu	03:19	1.9	<b>20</b> We	03:40	0.4	<b>28</b> Th	04:48	2.1
	09:47	1.8		09:26	0.4		09:59	2.0		11:01	0.2
	15:53	0.5		15:44	2.0		16:08	0.4		17:16	2.2
	22:10	1.8		21:57	0.4		22:28	2.0		23:31	0.3
<b>5</b> Tu	04:25	0.5	<b>13</b> We	03:59	1.9	<b>21</b> Th	04:40	0.3	<b>29</b> Fr	05:37	2.0
	10:38	1.8		10:08	0.4		10:58	2.0		11:52	0.3
	16:47	0.5		16:25	2.0		17:10	0.3		18:05	2.1
	23:01	1.8		22:39	0.4		23:27	2.0			
<b>6</b> We	05:16	0.5	<b>14</b> Th	04:41	1.9	<b>22</b> Fr	05:39	0.3	<b>30</b> Sa	00:20	0.3
	11:26	1.8		10:53	0.4		11:56	2.1		06:27	2.0
	17:39	0.5		17:08	2.0		18:12	0.3		12:42	0.3
	23:49	1.8		23:23	0.4					18:53	2.0
<b>7</b> Th	06:03	0.5	<b>15</b> Fr	05:26	1.9	<b>23</b> Sa	00:24	2.0			
	12:12	1.8		11:40	0.4		06:36	0.2			
	18:28	0.5		17:54	2.0		12:53	2.2			
							19:11	0.3			
<b>8</b> Fr	00:34	1.8	<b>16</b> Sa	00:09	0.4	<b>24</b> Su	01:20	2.1			
	06:47	0.5		06:14	1.9		07:30	0.2			
	12:57	1.9		12:29	0.4		13:50	2.2			
	19:13	0.5		18:42	2.0		20:06	0.2			

Times listed are N.Z. Standard Time

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**New Zealand Hydrographic Authority Tide Predictions**

# Port Chalmers

Lat. 45°49'S Long. 170°39'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> Su	01:09	0.4	<b>9</b> Mo	01:27	1.8	<b>17</b> Tu	01:26	0.3	<b>25</b> We	02:50	2.1
	07:19	1.9		07:36	0.4		07:40	2.0		09:01	0.2
	13:31	0.4		13:51	1.9		13:52	0.3		15:19	2.2
	19:42	1.9		20:08	0.5		20:08	2.0		21:32	0.2
<b>2</b> Mo	01:57	0.4	<b>10</b> Tu	02:09	1.9	<b>18</b> We	02:21	0.3	<b>26</b> Th	03:38	2.1
	08:11	1.8		08:17	0.4		08:40	2.0		09:50	0.2
	14:19	0.5		14:35	2.0		14:50	0.3		16:06	2.2
	20:33	1.8		20:49	0.4		21:09	2.0		22:17	0.3
<b>3</b> Tu	02:47	0.5	<b>11</b> We	02:52	1.9	<b>19</b> Th	03:20	0.3	<b>27</b> Fr	04:25	2.1
	09:04	1.8		08:59	0.3		09:41	2.0		10:37	0.2
	15:09	0.5		15:18	2.0		15:52	0.4		16:51	2.1
	21:25	1.8		21:30	0.4		22:11	2.0		23:02	0.3
<b>4</b> We	03:38	0.5	<b>12</b> Th	03:34	2.0	<b>20</b> Fr	04:22	0.3	<b>28</b> Sa	05:10	2.0
	09:55	1.8		09:43	0.3		10:42	2.0		11:24	0.3
	16:01	0.6		16:01	2.1		16:57	0.4		17:34	2.1
	22:18	1.7		22:13	0.3		23:12	2.0		23:47	0.3
<b>5</b> Th	04:31	0.5	<b>13</b> Fr	04:18	2.0	<b>21</b> Sa	05:24	0.3	<b>29</b> Su	05:55	2.0
	10:45	1.8		10:29	0.3		11:42	2.1		12:08	0.3
	16:56	0.6		16:45	2.1		18:01	0.4		18:17	2.0
	23:08	1.7		22:58	0.3						
<b>6</b> Fr	05:22	0.5	<b>14</b> Sa	05:04	2.0	<b>22</b> Su	00:11	2.0	<b>30</b> Mo	00:31	0.4
	11:34	1.8		11:17	0.2		06:23	0.3		06:40	1.9
	17:50	0.6		17:31	2.1		12:41	2.1		12:53	0.4
	23:57	1.7		23:45	0.3		19:00	0.3		19:00	1.9
<b>7</b> Sa	06:09	0.5	<b>15</b> Su	05:52	2.1	<b>23</b> Mo	01:07	2.0	<b>31</b> Tu	01:15	0.5
	12:21	1.8		12:07	0.2		07:19	0.2		07:27	1.8
	18:40	0.6		18:19	2.1		13:37	2.2		13:37	0.5
							19:54	0.3		19:47	1.8
<b>8</b> Su	00:43	1.8	<b>16</b> Mo	00:34	0.3	<b>24</b> Tu	02:00	2.1			
	06:54	0.5		06:45	2.0		08:11	0.2			
	13:07	1.9		12:58	0.3		14:30	2.2			
	19:25	0.5		19:12	2.1		20:44	0.2			

Times listed are N.Z. Standard Time

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**New Zealand Hydrographic Authority Tide Predictions**

# Port Chalmers

Lat. 45°49'S Long. 170°39'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	02:01	0.5	<b>9</b> Th	02:23	2.0	<b>17</b> Fr	03:04	0.3	<b>25</b> Sa	03:59	2.1
	08:17	1.8		08:32	0.3		09:25	2.0		10:11	0.3
	14:24	0.6		14:50	2.1		15:39	0.4		16:23	2.1
	20:37	1.7		21:01	0.3		21:56	1.9		22:31	0.3
<b>2</b> Th	02:50	0.6	<b>10</b> Fr	03:08	2.1	<b>18</b> Sa	04:08	0.3	<b>26</b> Su	04:41	2.0
	09:09	1.7		09:18	0.2		10:29	2.0		10:53	0.3
	15:15	0.6		15:35	2.2		16:47	0.4		17:02	2.0
	21:31	1.7		21:45	0.2		22:59	1.9		23:12	0.4
<b>3</b> Fr	03:43	0.6	<b>11</b> Sa	03:54	2.1	<b>19</b> Su	05:12	0.3	<b>27</b> Mo	05:22	2.0
	10:01	1.7		10:05	0.2		11:30	2.1		11:35	0.4
	16:11	0.6		16:21	2.2		17:51	0.4		17:41	1.9
	22:25	1.7		22:31	0.2		23:57	2.0		23:53	0.4
<b>4</b> Sa	04:37	0.6	<b>12</b> Su	04:41	2.2	<b>20</b> Mo	06:12	0.3	<b>28</b> Tu	06:03	1.9
	10:53	1.8		10:55	0.1		12:28	2.1		12:16	0.5
	17:09	0.6		17:08	2.2		18:48	0.3		18:20	1.8
	23:18	1.7		23:20	0.2						
<b>5</b> Su	05:29	0.6	<b>13</b> Mo	05:31	2.2	<b>21</b> Tu	00:52	2.0	<b>29</b> We	00:35	0.5
	11:43	1.8		11:46	0.1		07:06	0.3		06:46	1.8
	18:04	0.6		17:58	2.2		13:22	2.1		12:59	0.5
							19:39	0.3		19:03	1.8
<b>6</b> Mo	00:07	1.7	<b>14</b> Tu	00:11	0.2	<b>22</b> We	01:43	2.0	<b>30</b> Th	01:19	0.5
	06:18	0.5		06:24	2.2		07:56	0.2		07:32	1.8
	12:32	1.9		12:39	0.2		14:12	2.1		13:44	0.6
	18:52	0.5		18:51	2.1		20:25	0.3		19:51	1.7
<b>7</b> Tu	00:53	1.8	<b>15</b> We	01:05	0.2	<b>23</b> Th	02:31	2.1	<b>31</b> Fr	02:07	0.6
	07:03	0.4		07:21	2.1		08:43	0.2		08:22	1.7
	13:19	1.9		13:35	0.2		14:58	2.1		14:33	0.6
	19:36	0.4		19:49	2.0		21:09	0.3		20:46	1.7
<b>8</b> We	01:38	1.9	<b>16</b> Th	02:03	0.3	<b>24</b> Fr	03:16	2.1			
	07:48	0.4		08:22	2.1		09:28	0.2			
	14:05	2.0		14:35	0.3		15:42	2.1			
	20:18	0.4		20:52	2.0		21:51	0.3			

Times listed are N.Z. Standard Time

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New Zealand Hydrographic Authority Tide Predictions

## Port Chalmers

Lat. 45°49'S Long. 170°39'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	02:58	0.6	<b>9</b> Su	03:30	2.2	<b>17</b> Mo	04:57	0.3	<b>25</b> Tu	04:51	1.9
	09:16	1.7		09:42	0.1		11:14	2.0		11:04	0.4
	15:28	0.7		15:57	2.3		17:36	0.4		17:08	1.9
	21:43	1.7		22:05	0.1		23:41	2.0		23:18	0.4
<b>2</b> Su	03:52	0.6	<b>10</b> Mo	04:19	2.3	<b>18</b> Tu	05:56	0.3	<b>26</b> We	05:30	1.9
	10:11	1.7		10:33	0.1		12:10	2.1		11:44	0.5
	16:27	0.6		16:46	2.3		18:30	0.3		17:45	1.8
	22:38	1.7		22:56	0.1					23:59	0.5
<b>3</b> Mo	04:47	0.6	<b>11</b> Tu	05:11	2.3	<b>19</b> We	00:34	2.0	<b>27</b> Th	06:10	1.8
	11:04	1.8		11:27	0.1		06:49	0.3		12:26	0.5
	17:24	0.6		17:37	2.2		13:02	2.1		18:26	1.8
	23:30	1.8		23:50	0.1		19:18	0.3			
<b>4</b> Tu	05:40	0.5	<b>12</b> We	06:06	2.2	<b>20</b> Th	01:23	2.0	<b>28</b> Fr	00:43	0.5
	11:56	1.9		12:22	0.2		07:37	0.3		06:54	1.8
	18:16	0.5		18:32	2.1		13:50	2.1		13:10	0.6
							20:02	0.3		19:13	1.7
<b>5</b> We	00:19	1.8	<b>13</b> Th	00:47	0.2	<b>21</b> Fr	02:09	2.0	<b>29</b> Sa	01:30	0.6
	06:29	0.4		07:04	2.2		08:21	0.3		07:43	1.8
	12:45	2.0		13:20	0.2		14:34	2.1		13:58	0.6
	19:02	0.4		19:32	2.0		20:43	0.3		20:06	1.7
<b>6</b> Th	01:06	2.0	<b>14</b> Fr	01:47	0.3	<b>22</b> Sa	02:52	2.0	<b>30</b> Su	<b>03:20</b>	<b>0.6</b>
	07:17	0.3		08:06	2.1		09:04	0.3		<b>09:36</b>	<b>1.8</b>
	13:34	2.1		14:21	0.3		15:15	2.0		<b>15:51</b>	<b>0.6</b>
	19:46	0.3		20:36	2.0		21:22	0.3		<b>22:04</b>	<b>1.7</b>
<b>7</b> Fr	01:53	2.1	<b>15</b> Sa	02:50	0.3	<b>23</b> Su	03:33	2.0			
	08:04	0.2		09:10	2.1		09:44	0.3			
	14:22	2.2		15:27	0.4		15:54	2.0			
	20:31	0.2		21:42	1.9		22:00	0.3			
<b>8</b> Sa	02:41	2.2	<b>16</b> Su	03:54	0.3	<b>24</b> Mo	04:13	2.0			
	08:52	0.1		10:14	2.0		10:24	0.4			
	15:09	2.2		16:33	0.4		16:31	1.9			
	21:17	0.1		22:44	1.9		22:39	0.4			

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

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New Zealand Hydrographic Authority Tide Predictions

## Port Chalmers

Lat. 45°49'S Long. 170°39'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	04:13	0.6	<b>9</b> Tu	04:59	2.3	<b>17</b> We	00:20	2.0	<b>25</b> Th	06:01	1.9
	10:32	1.8		11:14	0.1		06:33	0.3		12:16	0.5
	16:47	0.6		17:25	2.3		12:47	2.0		18:16	1.8
	23:00	1.7		23:35	0.1		19:05	0.4			
<b>2</b> Tu	05:07	0.5	<b>10</b> We	05:53	2.3	<b>18</b> Th	01:11	2.0	<b>26</b> Fr	00:29	0.5
	11:27	1.8		12:09	0.1		07:25	0.3		06:41	1.9
	17:44	0.6		18:18	2.2		13:37	2.0		12:58	0.5
	23:54	1.8					19:52	0.3		18:57	1.8
<b>3</b> We	06:02	0.5	<b>11</b> Th	00:31	0.1	<b>19</b> Fr	01:58	2.0	<b>27</b> Sa	01:13	0.5
	12:20	1.9		06:49	2.3		08:13	0.3		07:24	1.8
	18:38	0.5		13:06	0.2		14:23	2.0		13:42	0.6
				19:14	2.1		20:35	0.3		19:43	1.7
<b>4</b> Th	00:45	1.9	<b>12</b> Fr	01:30	0.2	<b>20</b> Sa	02:43	2.0	<b>28</b> Su	01:59	0.5
	06:55	0.4		07:47	2.2		08:57	0.3		08:11	1.8
	13:12	2.0		14:05	0.2		15:06	2.0		14:28	0.6
	19:27	0.4		20:15	2.0		21:15	0.3		20:34	1.7
<b>5</b> Fr	01:35	2.0	<b>13</b> Sa	02:31	0.2	<b>21</b> Su	03:25	2.0	<b>29</b> Mo	02:47	0.5
	07:47	0.3		08:48	2.1		09:38	0.4		09:02	1.8
	14:03	2.1		15:06	0.3		15:47	2.0		15:18	0.6
	20:15	0.3		21:19	2.0		21:53	0.4		21:29	1.7
<b>6</b> Sa	02:25	2.1	<b>14</b> Su	03:33	0.3	<b>22</b> Mo	04:06	2.0	<b>30</b> Tu	03:38	0.5
	08:37	0.2		09:52	2.1		10:18	0.4		09:56	1.8
	14:54	2.2		16:09	0.3		16:25	1.9		16:11	0.6
	21:03	0.2		22:23	2.0		22:30	0.4		22:26	1.8
<b>7</b> Su	03:16	2.2	<b>15</b> Mo	04:35	0.3	<b>23</b> Tu	04:45	2.0	<b>31</b> We	04:32	0.5
	09:28	0.1		10:54	2.0		10:57	0.4		10:52	1.9
	15:44	2.2		17:13	0.4		17:02	1.9		17:07	0.5
	21:51	0.1		23:24	2.0		23:08	0.4		23:21	1.8
<b>8</b> Mo	04:07	2.3	<b>16</b> Tu	05:36	0.3	<b>24</b> We	05:23	1.9			
	10:20	0.1		11:52	2.0		11:36	0.5			
	16:34	2.3		18:12	0.4		17:38	1.9			
	22:42	0.1					23:48	0.5			

Times listed are N.Z. Daylight Time

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New Zealand Hydrographic Authority Tide Predictions

## Port Chalmers

Lat. 45°49'S Long. 170°39'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	05:28	0.4	<b>9</b> Fr	00:14	0.1	<b>17</b> Sa	01:30	1.9	<b>25</b> Su	00:46	0.5
	11:47	1.9		06:32	2.3		07:45	0.4		06:58	1.9
	18:02	0.4		12:49	0.2		13:53	1.9		13:15	0.5
				18:57	2.1		20:05	0.4		19:16	1.8
<b>2</b> Fr	00:14	1.9	<b>10</b> Sa	01:12	0.2	<b>18</b> Su	02:15	1.9	<b>26</b> Mo	01:32	0.5
	06:24	0.4		07:29	2.2		08:30	0.4		07:43	1.9
	12:42	2.0		13:47	0.2		14:37	1.9		14:00	0.5
	18:55	0.3		19:55	2.1		20:46	0.4		20:05	1.8
<b>3</b> Sa	01:07	2.0	<b>11</b> Su	02:12	0.2	<b>19</b> Mo	02:58	1.9	<b>27</b> Tu	02:19	0.5
	07:19	0.3		08:27	2.2		09:12	0.4		08:32	1.9
	13:35	2.1		14:46	0.3		15:18	1.9		14:48	0.5
	19:46	0.2		20:57	2.0		21:25	0.4		20:59	1.8
<b>4</b> Su	02:00	2.2	<b>12</b> Mo	03:11	0.3	<b>20</b> Tu	03:39	1.9	<b>28</b> We	03:09	0.5
	08:14	0.2		09:28	2.1		09:52	0.4		09:25	1.9
	14:29	2.2		15:45	0.3		15:57	1.9		15:40	0.5
	20:37	0.2		21:58	2.0		22:03	0.4		21:55	1.8
<b>5</b> Mo	02:54	2.2	<b>13</b> Tu	04:09	0.3	<b>21</b> We	04:19	1.9	<b>29</b> Th	04:01	0.4
	09:07	0.1		10:27	2.0		10:31	0.5		10:21	1.9
	15:21	2.2		16:44	0.4		16:35	1.9		16:34	0.5
	21:29	0.1		22:57	1.9		22:41	0.4		22:51	1.9
<b>6</b> Tu	03:48	2.3	<b>14</b> We	05:07	0.4	<b>22</b> Th	04:58	1.9	<b>30</b> Fr	04:58	0.4
	10:01	0.1		11:24	2.0		11:11	0.5		11:18	1.9
	16:14	2.2		17:41	0.4		17:12	1.8		17:30	0.4
	22:22	0.1		23:52	1.9		23:21	0.4		23:47	2.0
<b>7</b> We	04:42	2.3	<b>15</b> Th	06:03	0.4	<b>23</b> Fr	05:36	1.9			
	10:56	0.1		12:17	1.9		11:51	0.5			
	17:07	2.2		18:34	0.4		17:51	1.8			
	23:17	0.1									
<b>8</b> Th	05:37	2.3	<b>16</b> Fr	00:42	1.9	<b>24</b> Sa	00:02	0.5			
	11:52	0.1		06:56	0.4		06:16	1.9			
	18:01	2.2		13:07	1.9		12:32	0.5			
				19:22	0.4		18:32	1.8			

Times listed are N.Z. Daylight Time

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New Zealand Hydrographic Authority Tide Predictions

# Port Chalmers

Lat. 45°49'S Long. 170°39'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> Sa	05:57	0.4	<b>9</b> Su	00:53	0.2	<b>17</b> Mo	01:44	1.9	<b>25</b> Tu	01:06	0.4
	12:15	2.0		07:08	2.2		08:01	0.5		07:18	2.0
	18:27	0.3		13:25	0.2		14:05	1.8		13:33	0.4
				19:32	2.1		20:16	0.4		19:40	1.9
<b>2</b> Su	00:43	2.1	<b>10</b> Mo	01:49	0.2	<b>18</b> Tu	02:29	1.9	<b>26</b> We	01:54	0.4
	06:56	0.3		08:02	2.1		08:45	0.5		08:06	2.0
	13:12	2.0		14:19	0.3		14:48	1.8		14:21	0.4
	19:23	0.2		20:30	2.0		20:57	0.4		20:32	1.9
<b>3</b> Mo	01:39	2.1	<b>11</b> Tu	02:43	0.3	<b>19</b> We	03:11	1.9	<b>27</b> Th	02:43	0.4
	07:54	0.2		08:58	2.0		09:26	0.5		08:58	2.0
	14:08	2.1		15:14	0.3		15:28	1.8		15:12	0.4
	20:17	0.2		21:28	1.9		21:36	0.4		21:28	1.9
<b>4</b> Tu	02:35	2.2	<b>12</b> We	03:38	0.4	<b>20</b> Th	03:52	1.9	<b>28</b> Fr	03:37	0.4
	08:51	0.2		09:54	2.0		10:06	0.5		09:55	1.9
	15:02	2.2		16:09	0.4		16:08	1.9		16:07	0.4
	21:11	0.1		22:24	1.9		22:15	0.4		22:26	1.9
<b>5</b> We	03:31	2.3	<b>13</b> Th	04:32	0.4	<b>21</b> Fr	04:32	2.0	<b>29</b> Sa	04:34	0.4
	09:46	0.1		10:49	1.9		10:45	0.4		10:55	1.9
	15:56	2.2		17:04	0.4		16:46	1.9		17:05	0.4
	22:05	0.1		23:18	1.9		22:55	0.4		23:25	2.0
<b>6</b> Th	04:26	2.3	<b>14</b> Fr	05:27	0.5	<b>22</b> Sa	05:11	2.0	<b>30</b> Su	05:36	0.4
	10:41	0.1		11:42	1.9		11:24	0.4		11:55	2.0
	16:50	2.2		17:57	0.5		17:26	1.9		18:06	0.3
	23:00	0.1					23:37	0.4			
<b>7</b> Fr	05:21	2.3	<b>15</b> Sa	00:09	1.9	<b>23</b> Su	05:51	2.0	<b>31</b> Mo	00:25	2.0
	11:35	0.1		06:22	0.5		12:05	0.4		06:40	0.4
	17:43	2.2		12:33	1.8		18:07	1.9		12:54	2.0
	23:57	0.1		18:47	0.5				19:05	0.3	
<b>8</b> Sa	06:14	2.3	<b>16</b> Su	00:58	1.9	<b>24</b> Mo	00:21	0.4			
	12:30	0.2		07:13	0.5		06:33	2.0			
	18:37	2.1		13:20	1.8		12:48	0.4			
				19:33	0.5		18:52	1.9			

Times listed are N.Z. Daylight Time

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