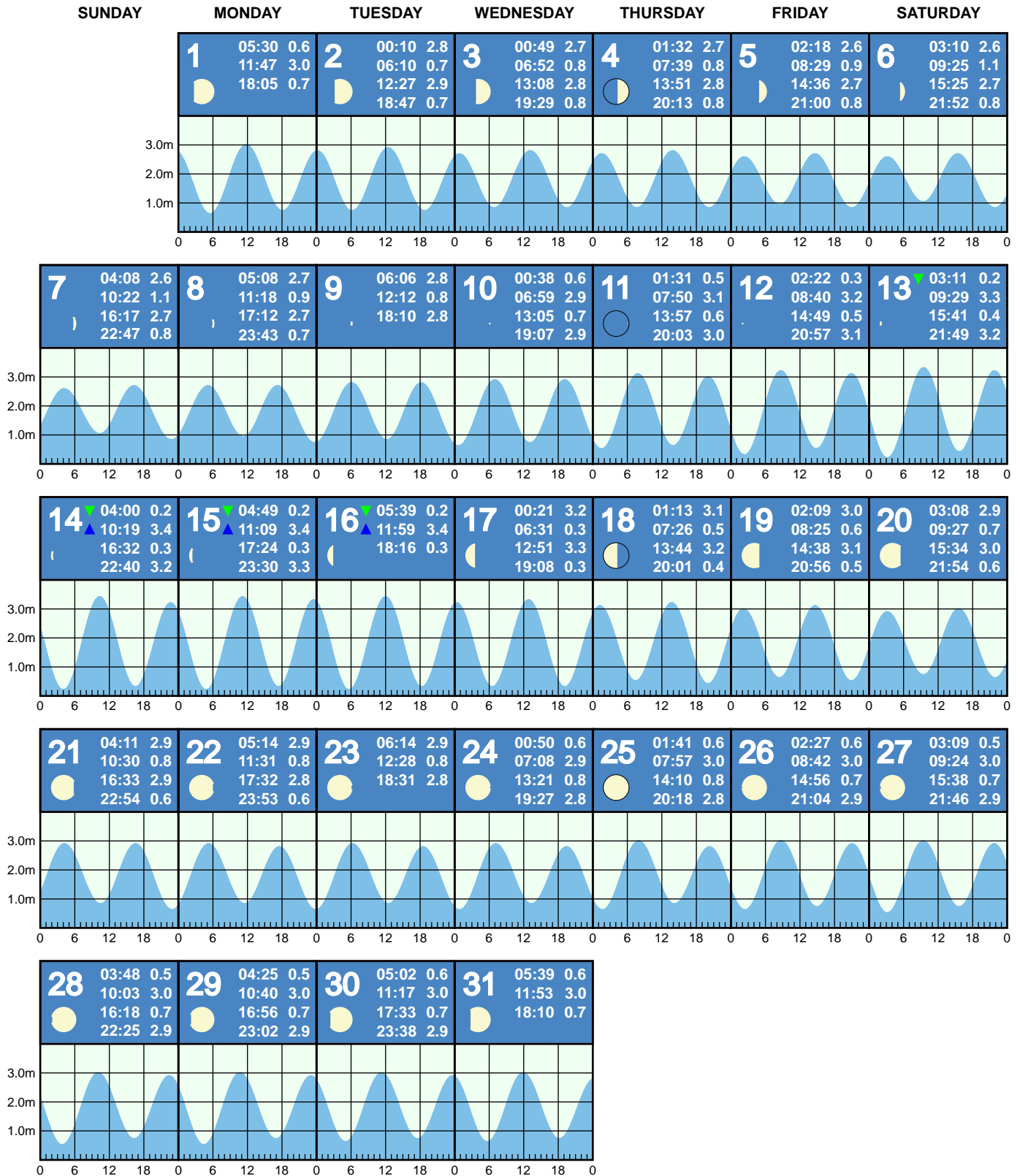


# TIDAL PREDICTIONS FOR PINE HARBOUR

(based on Auckland)

## JANUARY 2024



Blue and green triangles indicate highest and lowest tides of the month, respectively. Major moon phases are circled in black.

This tide table was calculated using secondary port info at <https://www.lin.govt.nz/sites/default/files/2023-07/Secondary-ports-2023-24.csv>  
 Calculated using MSL, Range Ratio, high and low water time differences.

NOTE: These tide predictions are not official tide tables as specified in Maritime Rules Part 25 Nautical Charts and Publications (pursuant to Section 36 of the Maritime Transport Act 1994).

All times are adjusted for daylight savings time.

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# TIDAL PREDICTIONS FOR PINE HARBOUR

(based on Auckland)

## FEBRUARY 2024

SUNDAY

MONDAY

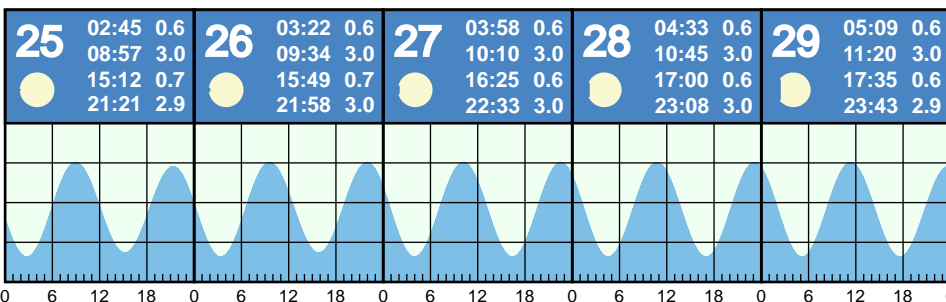
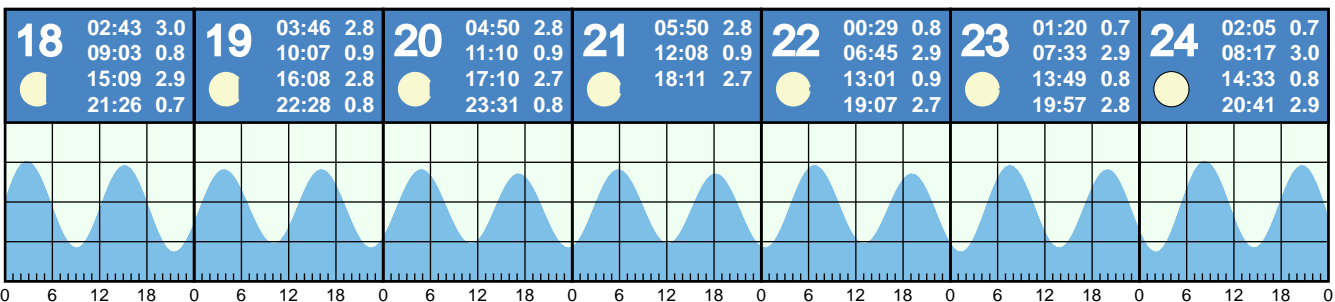
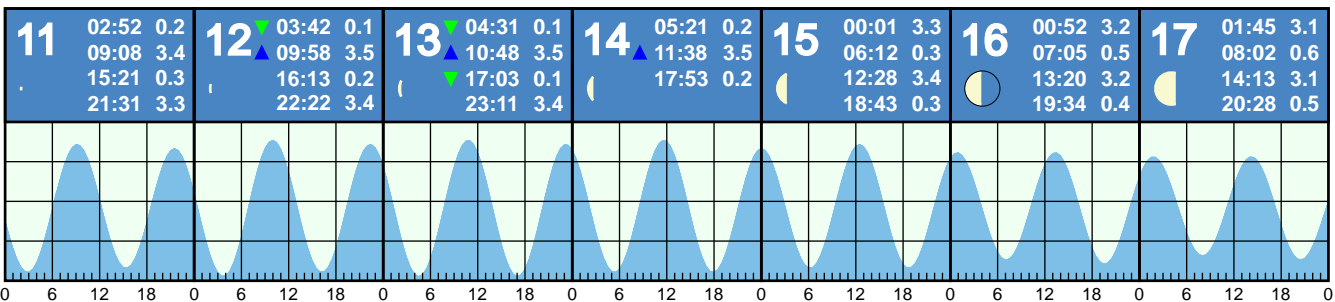
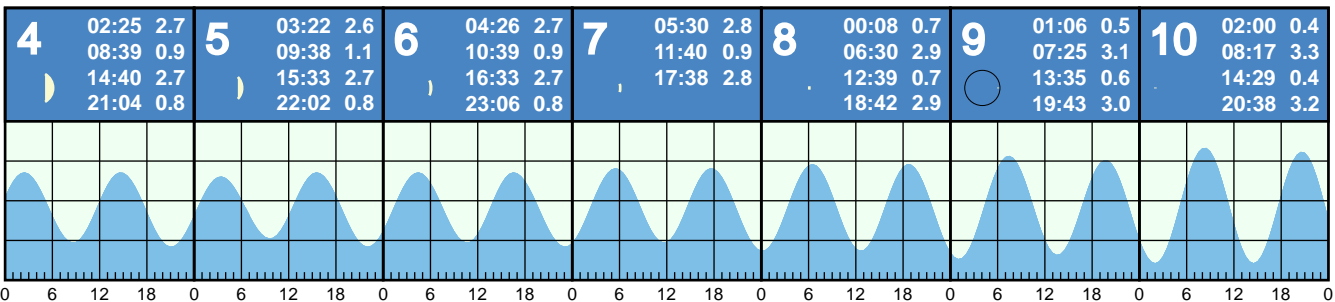
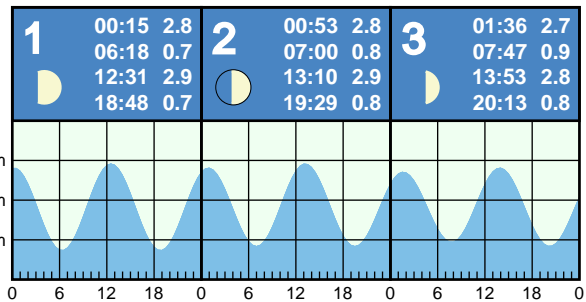
TUESDAY

WEDNESDAY

THURSDAY

FRIDAY

SATURDAY



Blue and green triangles indicate highest and lowest tides of the month, respectively. Major moon phases are circled in black.

This tide table was calculated using secondary port info at <https://www.linz.govt.nz/sites/default/files/2023-07/Secondary-ports-2023-24.csv>  
 Calculated using MSL, Range Ratio, high and low water time differences.

NOTE: These tide predictions are not official tide tables as specified in Maritime Rules Part 25 Nautical Charts and Publications (pursuant to Section 36 of the Maritime Transport Act 1994).

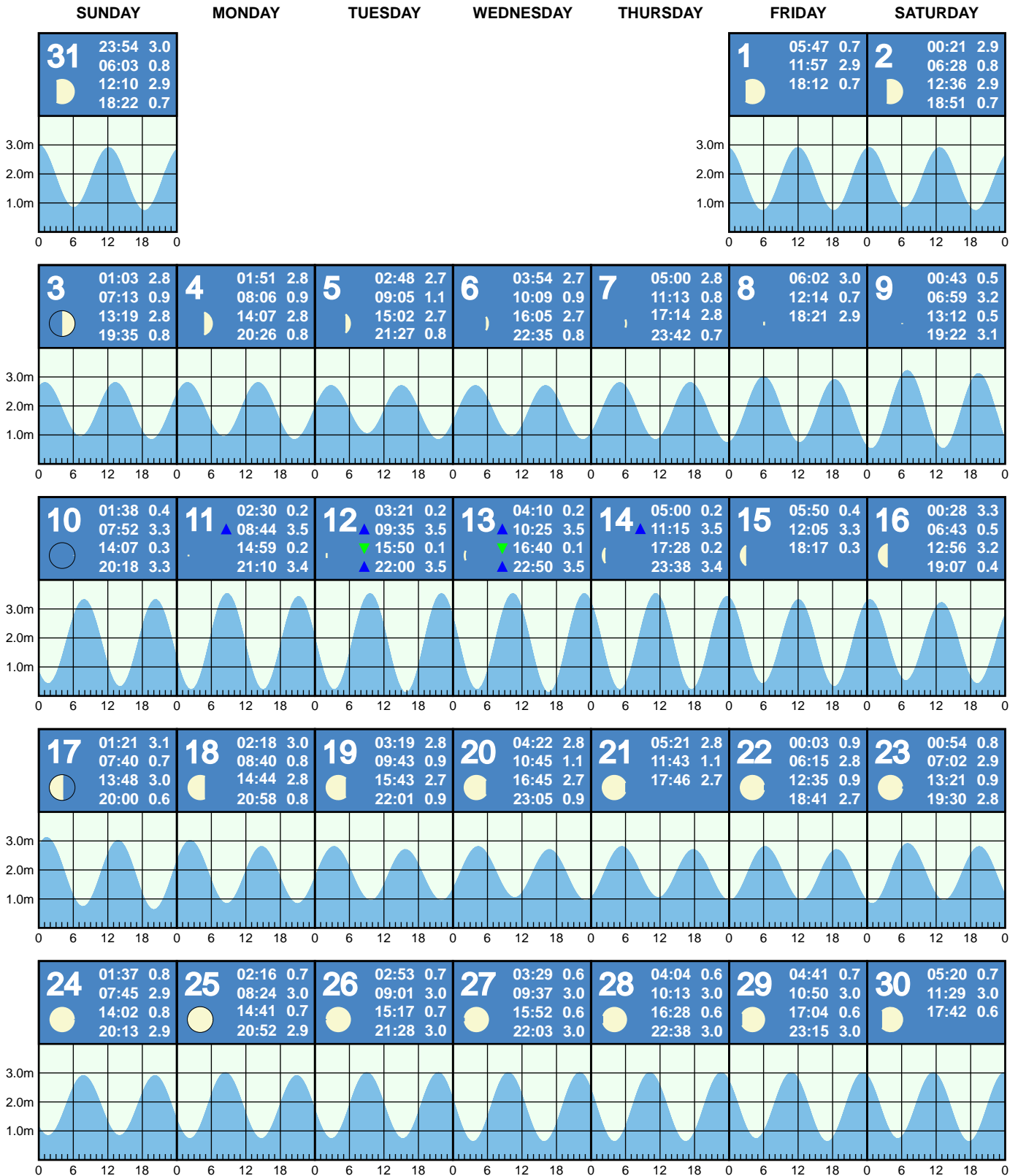
All times are adjusted for daylight savings time.

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# TIDAL PREDICTIONS FOR PINE HARBOUR

(based on Auckland)

## MARCH 2024



Blue and green triangles indicate highest and lowest tides of the month, respectively. Major moon phases are circled in black.

This tide table was calculated using secondary port info at <https://www.linz.govt.nz/sites/default/files/2023-07/Secondary-ports-2023-24.csv>  
 Calculated using MSL, Range Ratio, high and low water time differences.

NOTE: These tide predictions are not official tide tables as specified in Maritime Rules Part 25 Nautical Charts and Publications (pursuant to Section 36 of the Maritime Transport Act 1994).

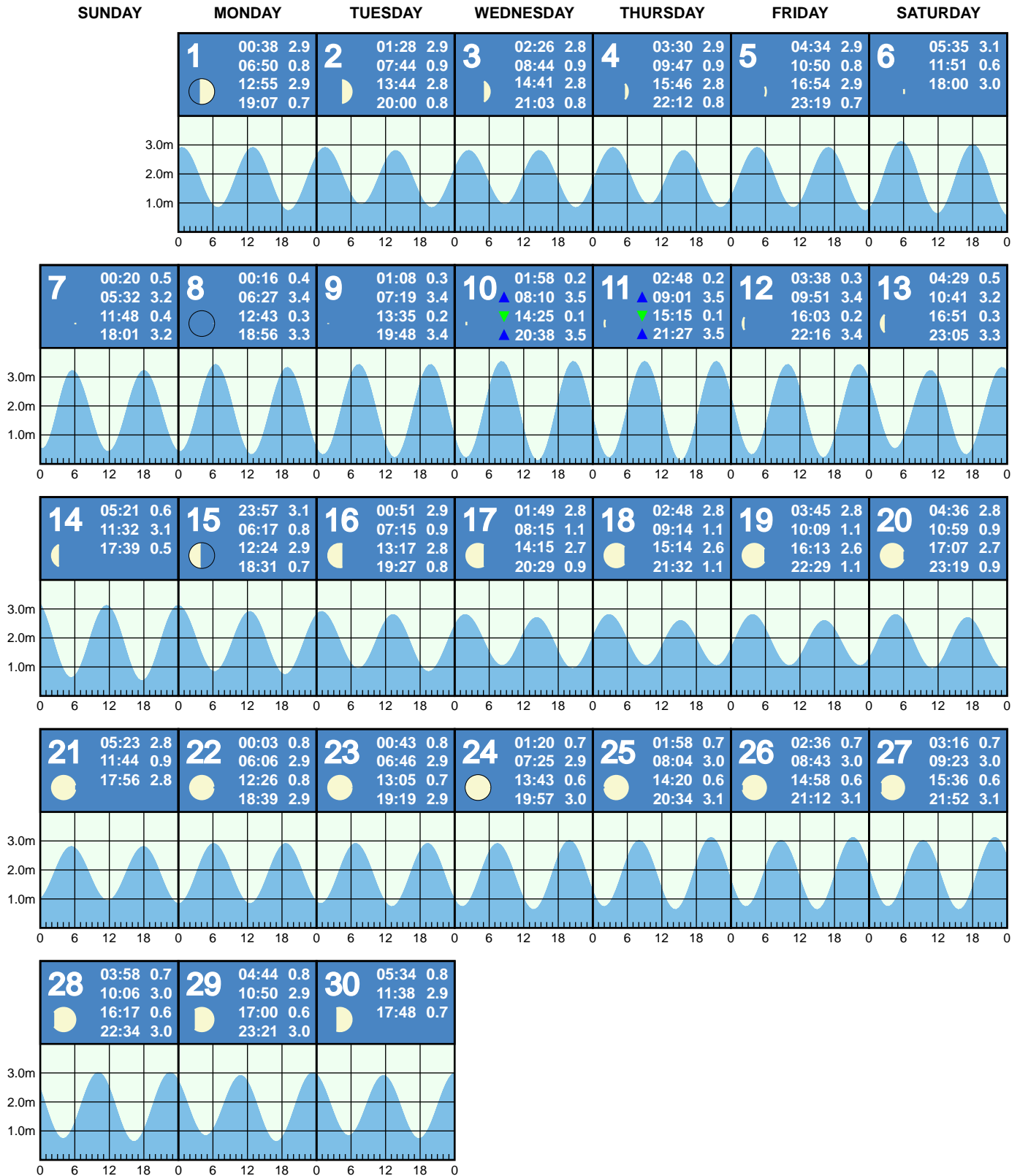
All times are adjusted for daylight savings time.

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# TIDAL PREDICTIONS FOR PINE HARBOUR

(based on Auckland)

APRIL 2024



Blue and green triangles indicate highest and lowest tides of the month, respectively. Major moon phases are circled in black.

This tide table was calculated using secondary port info at <https://www.lin.govt.nz/sites/default/files/2023-07/Secondary-ports-2023-24.csv>  
 Calculated using MSL, Range Ratio, high and low water time differences.

NOTE: These tide predictions are not official tide tables as specified in Maritime Rules Part 25 Nautical Charts and Publications (pursuant to Section 36 of the Maritime Transport Act 1994).

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# TIDAL PREDICTIONS FOR PINE HARBOUR

(based on Auckland)

MAY 2024

SUNDAY

MONDAY

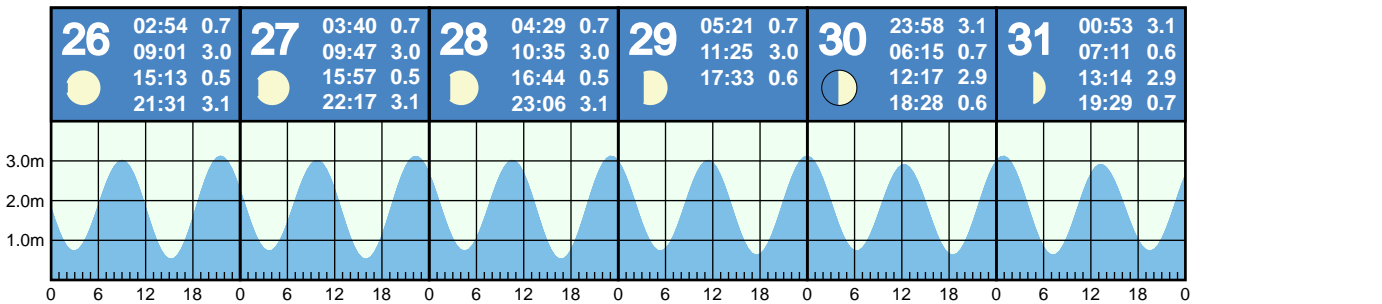
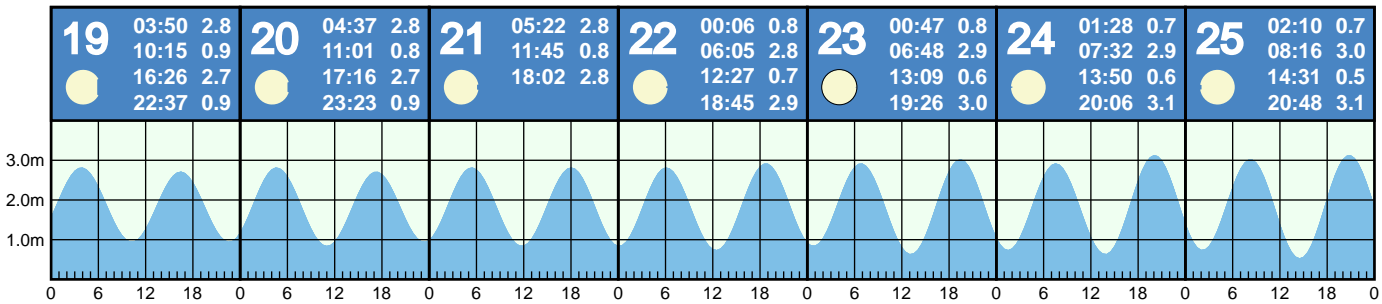
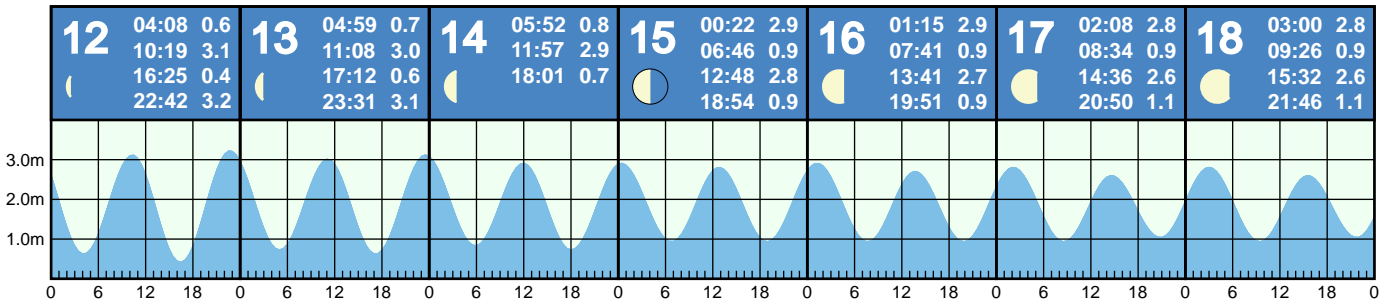
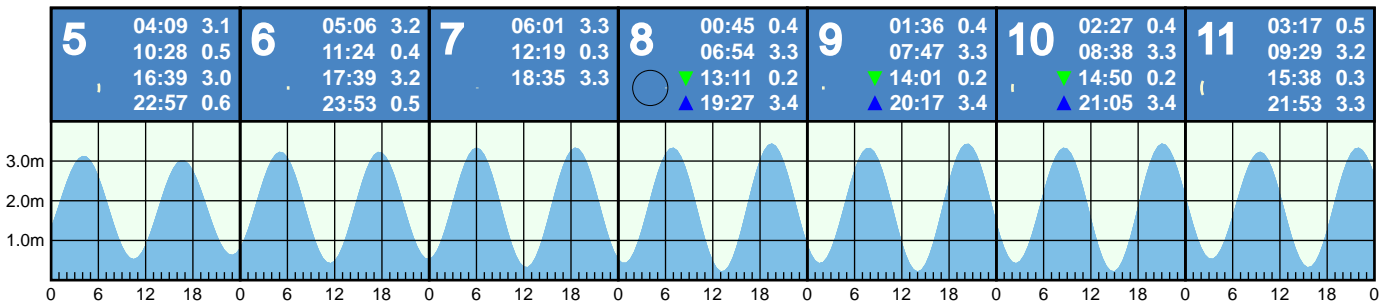
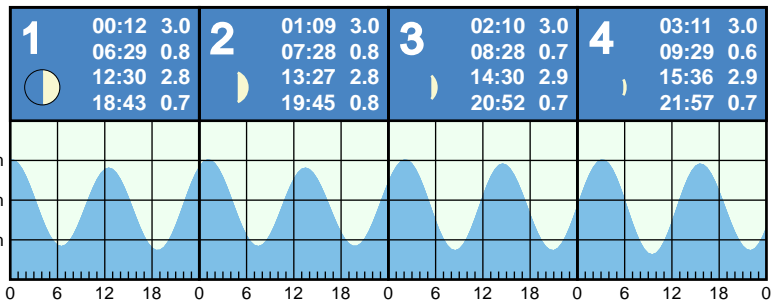
TUESDAY

WEDNESDAY

THURSDAY

FRIDAY

SATURDAY



Blue and green triangles indicate highest and lowest tides of the month, respectively. Major moon phases are circled in black.

This tide table was calculated using secondary port info at <https://www.lin.govt.nz/sites/default/files/2023-07/Secondary-ports-2023-24.csv>  
 Calculated using MSL, Range Ratio, high and low water time differences.

NOTE: These tide predictions are not official tide tables as specified in Maritime Rules Part 25 Nautical Charts and Publications (pursuant to Section 36 of the Maritime Transport Act 1994).

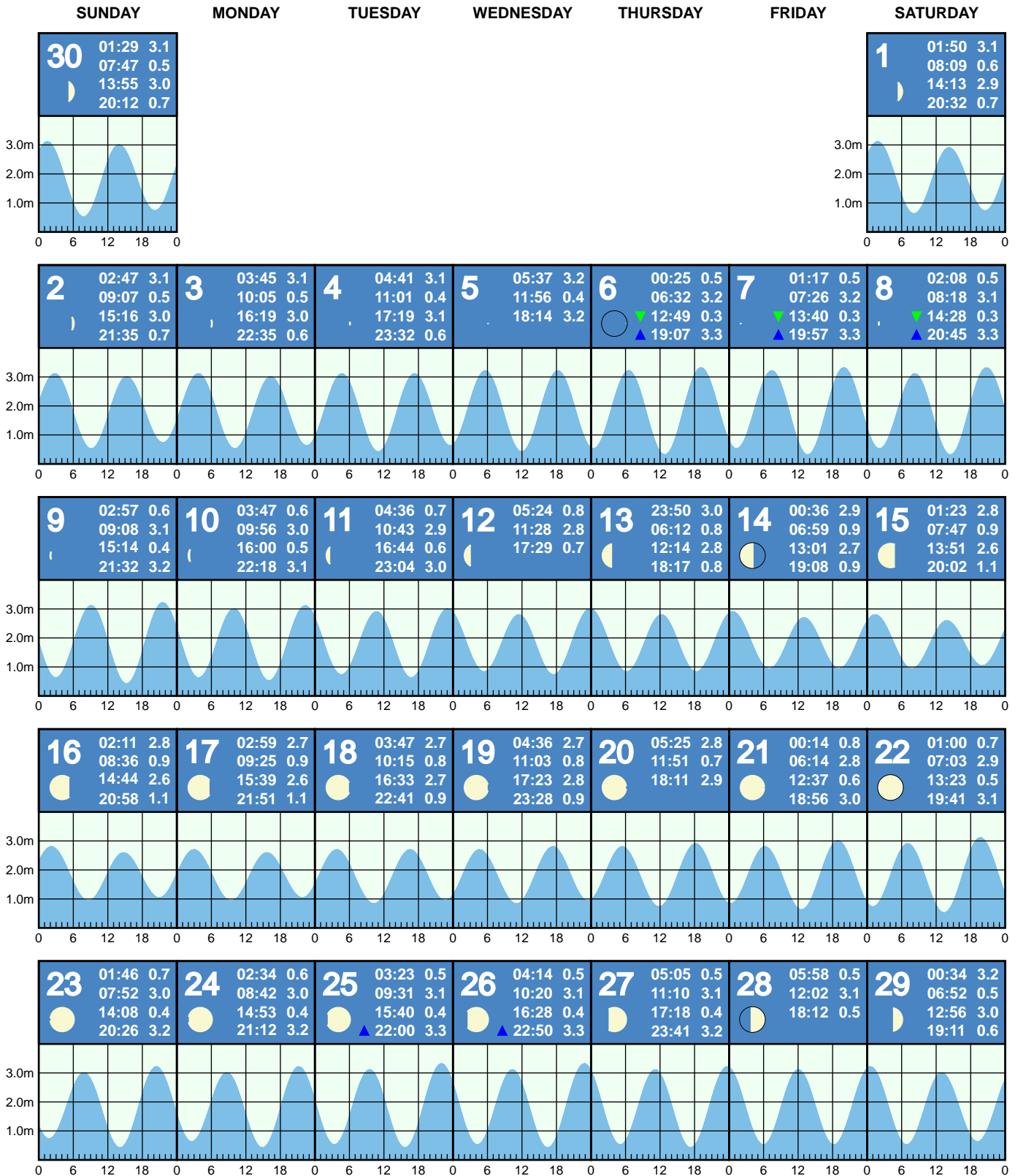
All times are adjusted for daylight savings time.

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# TIDAL PREDICTIONS FOR PINE HARBOUR

(based on Auckland)

## JUNE 2024



Blue and green triangles indicate highest and lowest tides of the month, respectively. Major moon phases are circled in black.

This tide table was calculated using secondary port info at <https://www.lin.govt.nz/sites/default/files/2023-07/Secondary-ports-2023-24.csv>  
 Calculated using MSL, Range Ratio, high and low water time differences.

NOTE: These tide predictions are not official tide tables as specified in Maritime Rules Part 25 Nautical Charts and Publications (pursuant to Section 36 of the Maritime Transport Act 1994).

All times are adjusted for daylight savings time.

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# TIDAL PREDICTIONS FOR PINE HARBOUR

(based on Auckland)

JULY 2024

SUNDAY

MONDAY

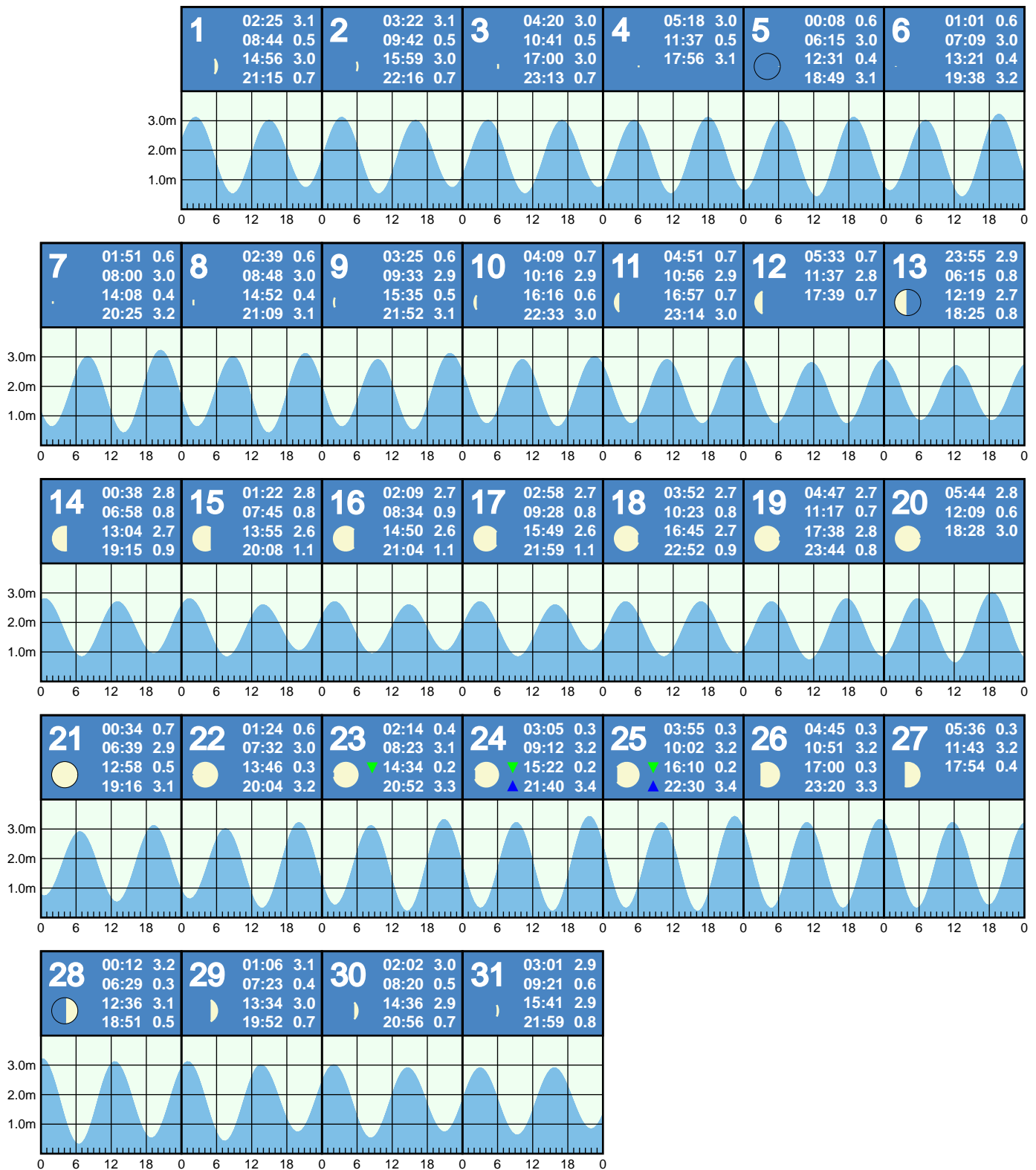
TUESDAY

WEDNESDAY

THURSDAY

FRIDAY

SATURDAY



Blue and green triangles indicate highest and lowest tides of the month, respectively. Major moon phases are circled in black.

This tide table was calculated using secondary port info at <https://www.linz.govt.nz/sites/default/files/2023-07/Secondary-ports-2023-24.csv>  
 Calculated using MSL, Range Ratio, high and low water time differences.

NOTE: These tide predictions are not official tide tables as specified in Maritime Rules Part 25 Nautical Charts and Publications (pursuant to Section 36 of the Maritime Transport Act 1994).

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# TIDAL PREDICTIONS FOR PINE HARBOUR

(based on Auckland)

## AUGUST 2024

SUNDAY

MONDAY

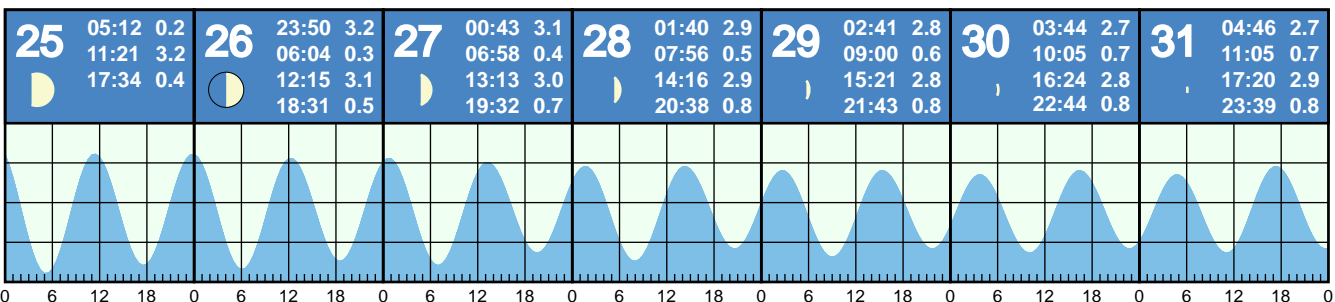
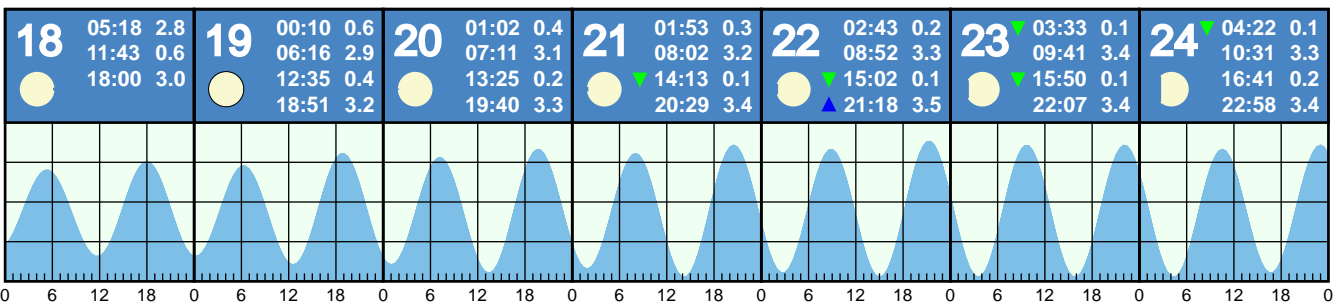
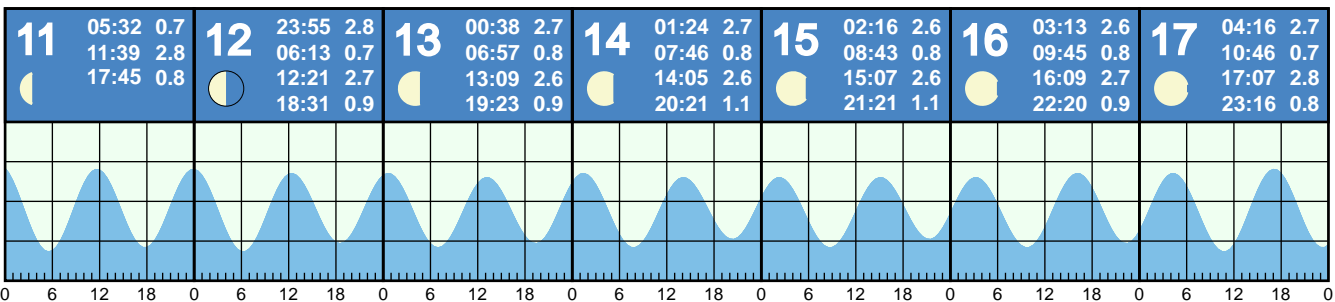
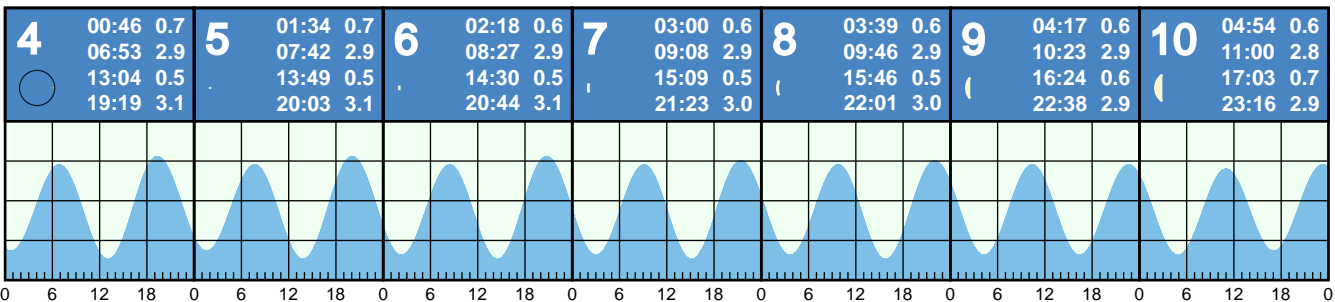
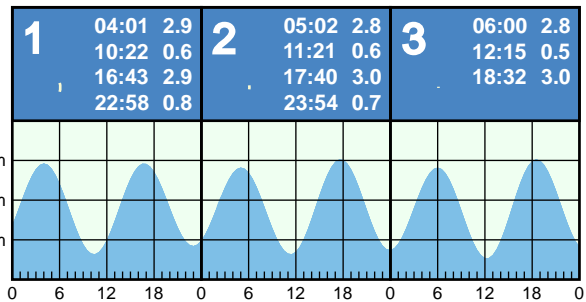
TUESDAY

WEDNESDAY

THURSDAY

FRIDAY

SATURDAY



Blue and green triangles indicate highest and lowest tides of the month, respectively. Major moon phases are circled in black.

This tide table was calculated using secondary port info at <https://www.linz.govt.nz/sites/default/files/2023-07/Secondary-ports-2023-24.csv>  
 Calculated using MSL, Range Ratio, high and low water time differences.

NOTE: These tide predictions are not official tide tables as specified in Maritime Rules Part 25 Nautical Charts and Publications (pursuant to Section 36 of the Maritime Transport Act 1994).

All times are adjusted for daylight savings time.

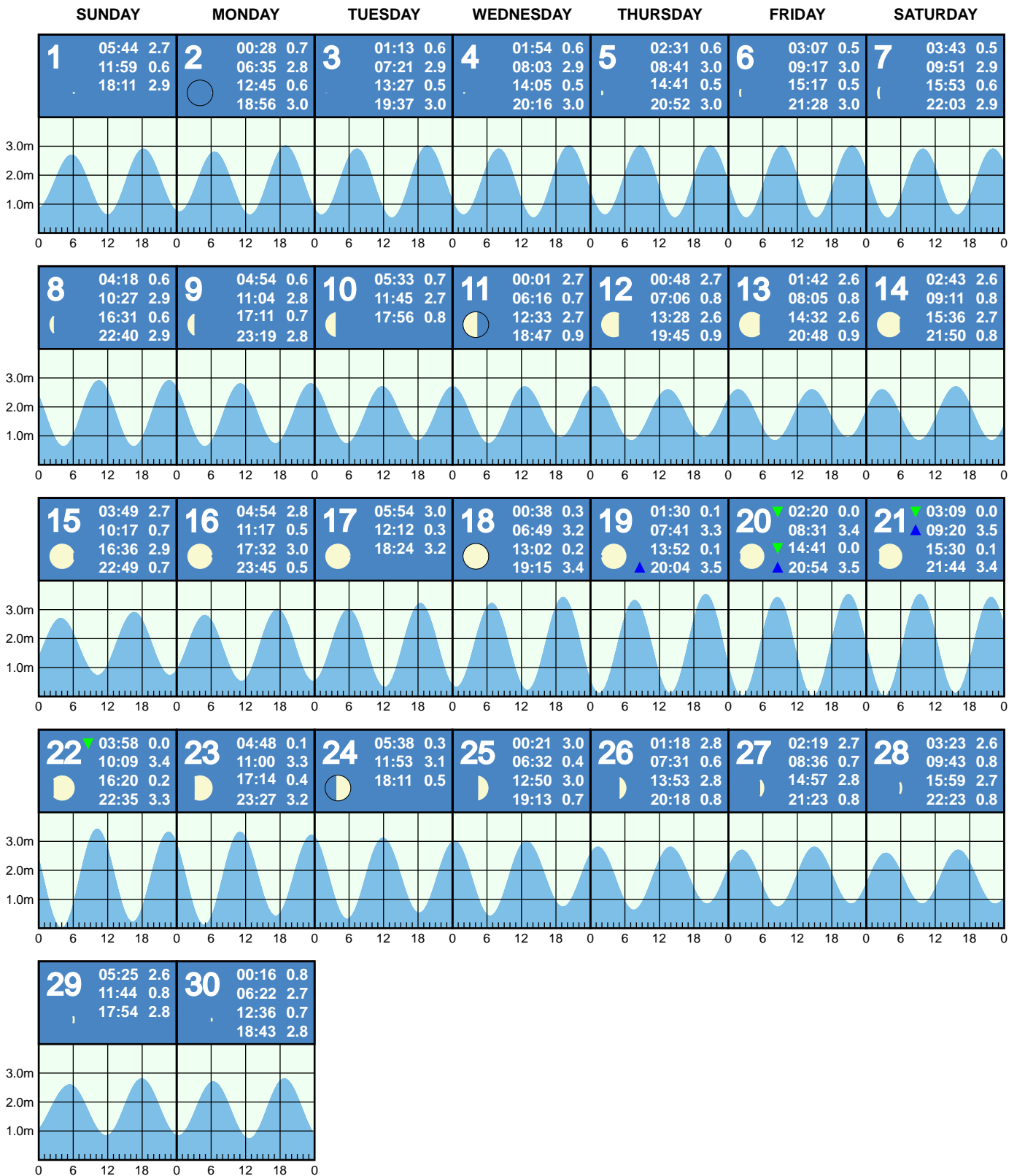
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# TIDAL PREDICTIONS FOR PINE HARBOUR

(based on Auckland)

## SEPTEMBER 2024



Blue and green triangles indicate highest and lowest tides of the month, respectively. Major moon phases are circled in black.

This tide table was calculated using secondary port info at <https://www.linz.govt.nz/sites/default/files/2023-07/Secondary-ports-2023-24.csv>  
 Calculated using MSL, Range Ratio, high and low water time differences.

NOTE: These tide predictions are not official tide tables as specified in Maritime Rules Part 25 Nautical Charts and Publications (pursuant to Section 36 of the Maritime Transport Act 1994).

All times are adjusted for daylight savings time.

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# TIDAL PREDICTIONS FOR PINE HARBOUR

(based on Auckland)

## OCTOBER 2024

SUNDAY

MONDAY

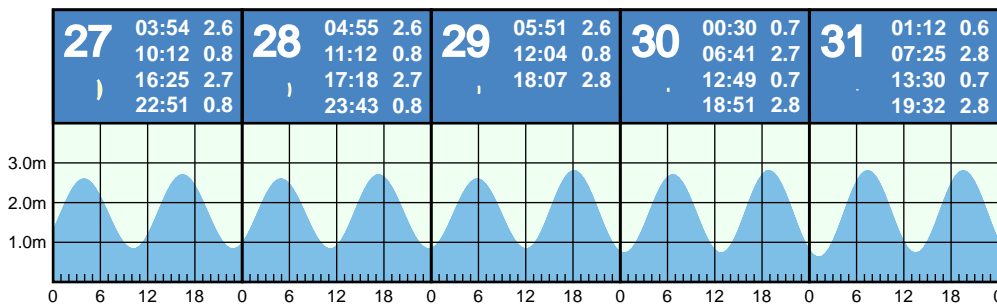
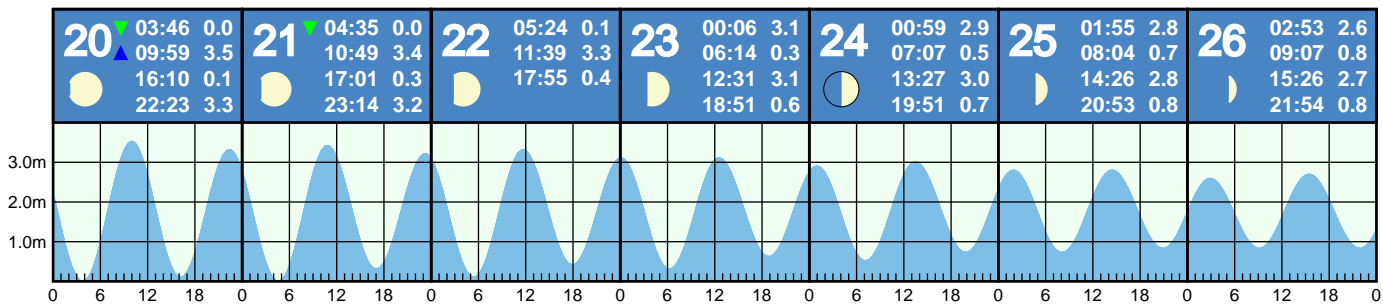
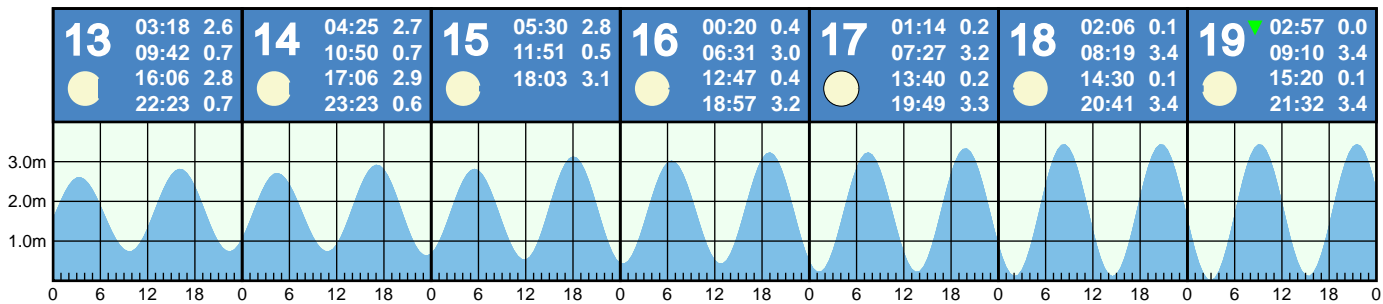
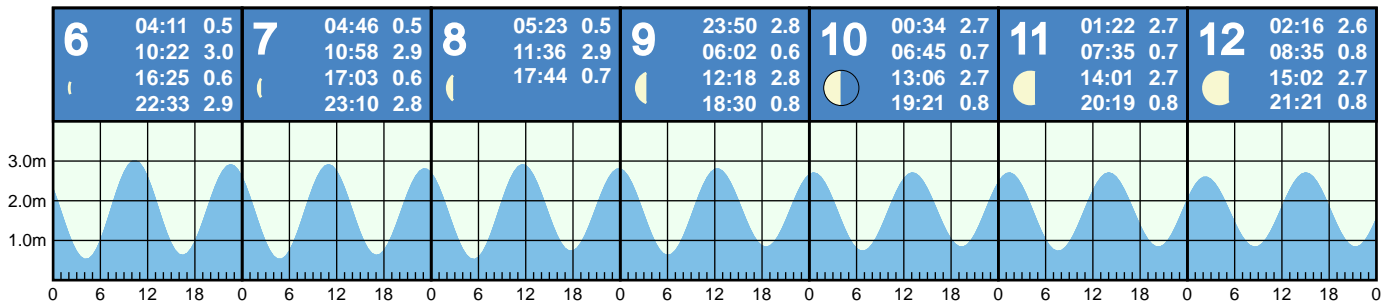
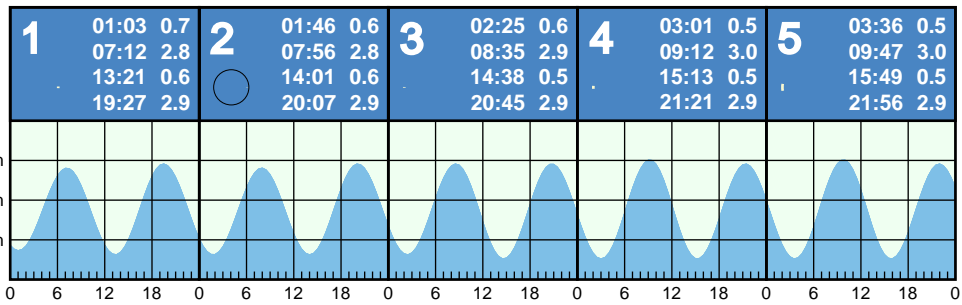
TUESDAY

WEDNESDAY

THURSDAY

FRIDAY

SATURDAY



Blue and green triangles indicate highest and lowest tides of the month, respectively. Major moon phases are circled in black.

This tide table was calculated using secondary port info at <https://www.lin.govt.nz/sites/default/files/2023-07/Secondary-ports-2023-24.csv>  
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# TIDAL PREDICTIONS FOR PINE HARBOUR

(based on Auckland)

## NOVEMBER 2024

SUNDAY

MONDAY

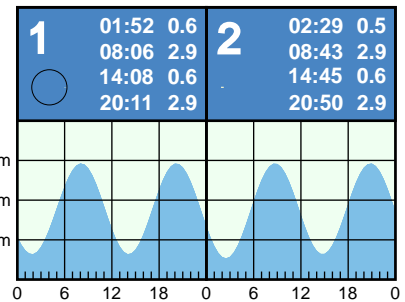
TUESDAY

WEDNESDAY

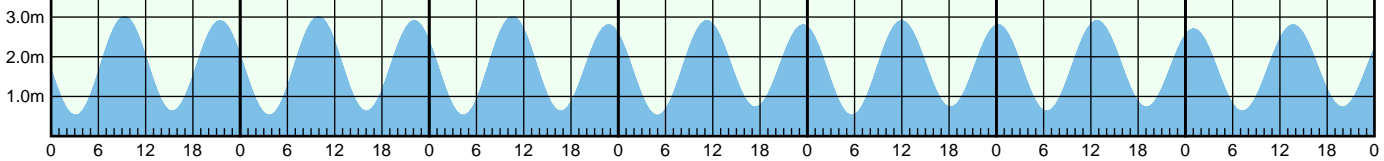
THURSDAY

FRIDAY

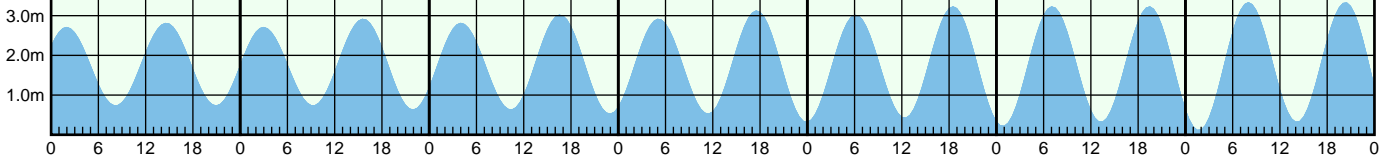
SATURDAY



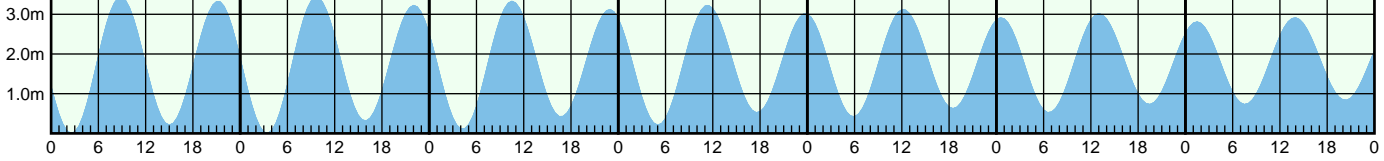
3	03:06	0.5	4	03:42	0.5	5	04:20	0.5	6	04:58	0.5	7	05:39	0.5	8	00:14	2.8	9	01:03	2.7
	09:20	3.0		09:57	3.0		10:35	3.0		11:15	2.9		11:58	2.9		06:23	0.6		07:13	0.6
	15:22	0.6		16:01	0.6		16:41	0.6		17:24	0.7		18:11	0.7		12:46	2.9		13:40	2.8
	21:28	2.9		22:07	2.9		22:47	2.8		23:29	2.8					19:02	0.7		19:58	0.7



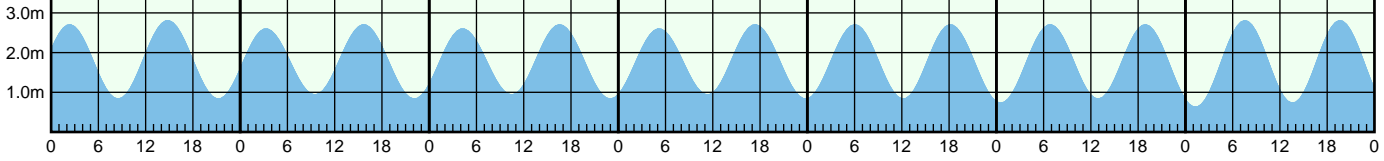
10	01:57	2.7	11	02:57	2.7	12	04:01	2.8	13	05:06	2.9	14	06:08	3.0	15	00:49	0.2	16	01:43	0.1
	08:11	0.7		09:16	0.7		10:23	0.6		11:25	0.5		12:23	0.4		07:05	3.2		07:59	3.3
	14:37	2.8		15:37	2.9		16:36	3.0		17:34	3.1		18:30	3.2		13:17	0.3		14:10	0.3
	20:56	0.7		21:56	0.6		22:56	0.5		23:54	0.3					19:25	3.2		20:19	3.3



17	02:35	0.0	18	03:25	0.0	19	04:14	0.1	20	05:02	0.2	21	05:51	0.4	22	00:36	2.9	23	01:28	2.8
	08:50	3.4		09:40	3.4		10:30	3.3		11:19	3.2		12:10	3.1		06:40	0.5		07:33	0.7
	15:01	0.2		15:52	0.3		16:44	0.4		17:37	0.5		18:30	0.6		13:01	3.0		13:54	2.9
	21:12	3.3		22:04	3.2		22:55	3.1		23:46	3.0					19:25	0.7		20:19	0.8



24	02:21	2.7	25	03:16	2.6	26	04:14	2.6	27	05:10	2.6	28	06:03	2.7	29	00:33	0.7	30	01:17	0.6
	08:30	0.8		09:30	0.9		10:29	0.9		11:22	0.9		12:11	0.8		06:50	2.7		07:34	2.8
	14:48	2.8		15:41	2.7		16:33	2.7		17:22	2.7		18:09	2.7		12:55	0.8		13:36	0.7
	21:14	0.8		22:07	0.8		22:59	0.8		23:48	0.8					18:54	2.7		19:37	2.8



Blue and green triangles indicate highest and lowest tides of the month, respectively. Major moon phases are circled in black.

This tide table was calculated using secondary port info at <https://www.linz.govt.nz/sites/default/files/2023-07/Secondary-ports-2023-24.csv>  
 Calculated using MSL, Range Ratio, high and low water time differences.

NOTE: These tide predictions are not official tide tables as specified in Maritime Rules Part 25 Nautical Charts and Publications (pursuant to Section 36 of the Maritime Transport Act 1994).

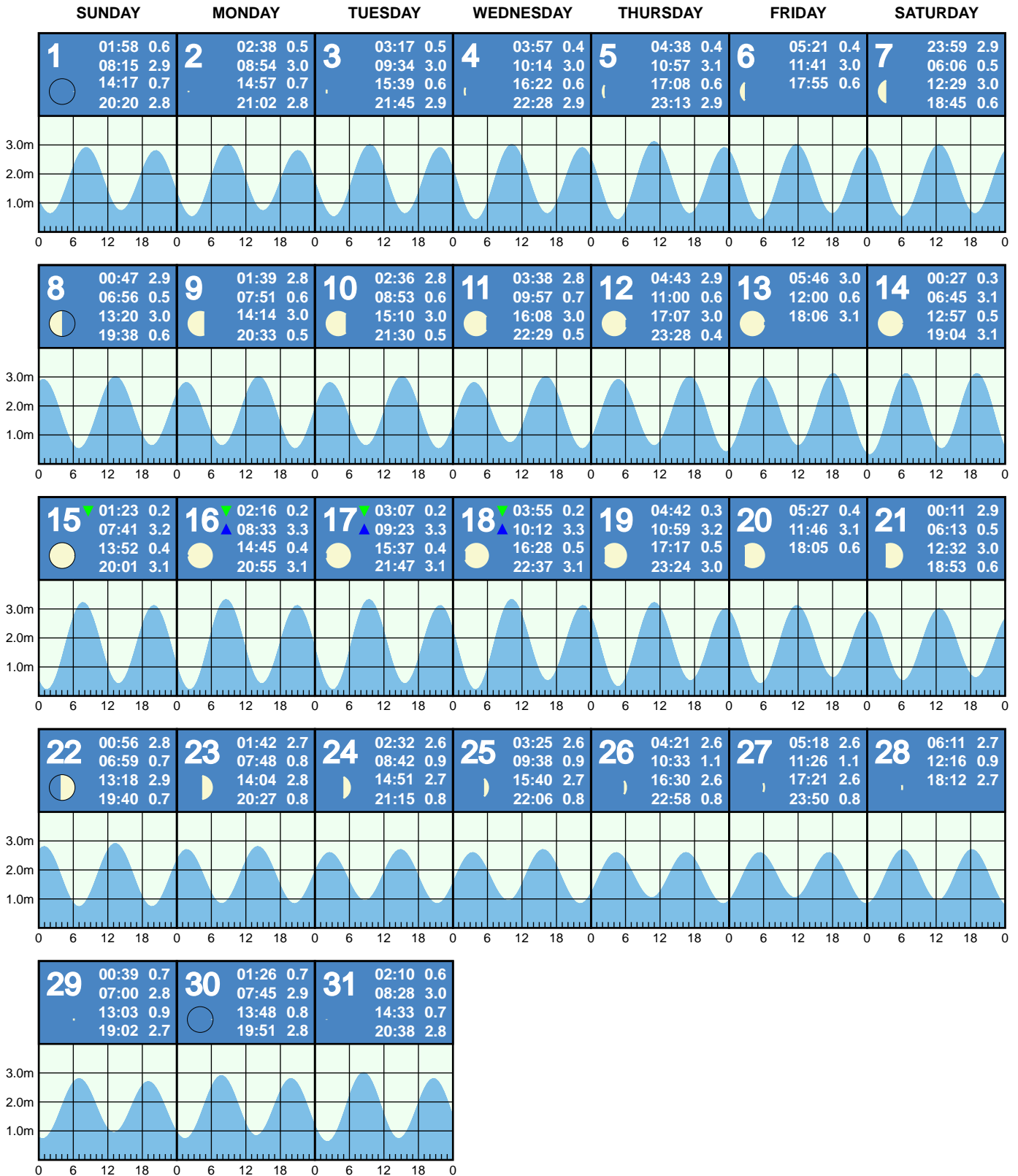
All times are adjusted for daylight savings time.

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# TIDAL PREDICTIONS FOR PINE HARBOUR

(based on Auckland)

## DECEMBER 2024



Blue and green triangles indicate highest and lowest tides of the month, respectively. Major moon phases are circled in black.

This tide table was calculated using secondary port info at <https://www.lin.govt.nz/sites/default/files/2023-07/Secondary-ports-2023-24.csv>  
 Calculated using MSL, Range Ratio, high and low water time differences.

NOTE: These tide predictions are not official tide tables as specified in Maritime Rules Part 25 Nautical Charts and Publications (pursuant to Section 36 of the Maritime Transport Act 1994).

All times are adjusted for daylight savings time.

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