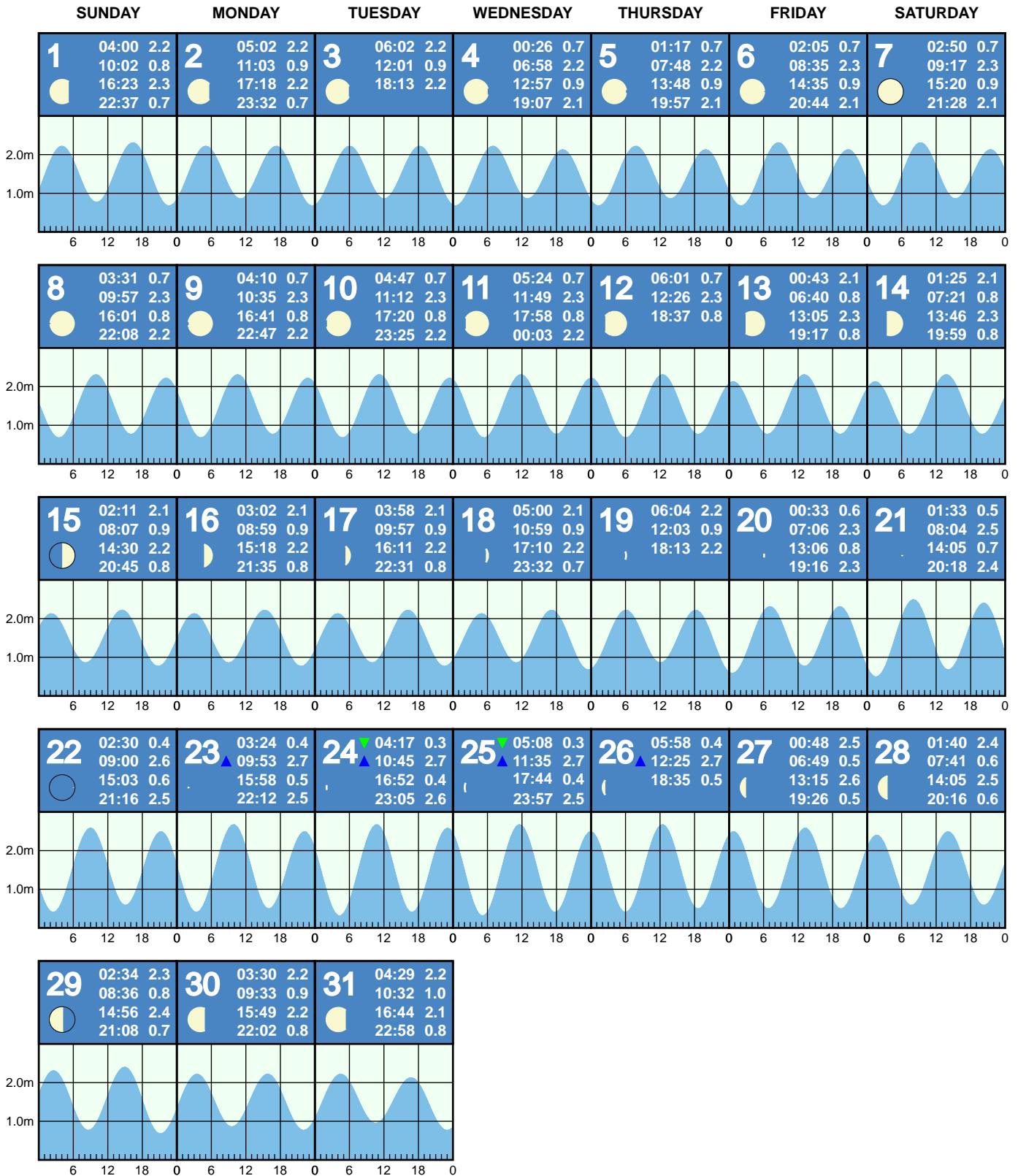


# TIDAL PREDICTIONS FOR HOUHORA HARBOUR ENTRANCE

(based on Marsden Point)

## JANUARY 2023



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/docs/hydro/tidal-info/tide-tables/Secondary-Ports-2022-23.csv>. Calculated using mean sea level, range ratio, and high and low water time differences.

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All times are adjusted for daylight savings time.

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# TIDAL PREDICTIONS FOR HOUHORA HARBOUR ENTRANCE

(based on Marsden Point)

## FEBRUARY 2023

SUNDAY

MONDAY

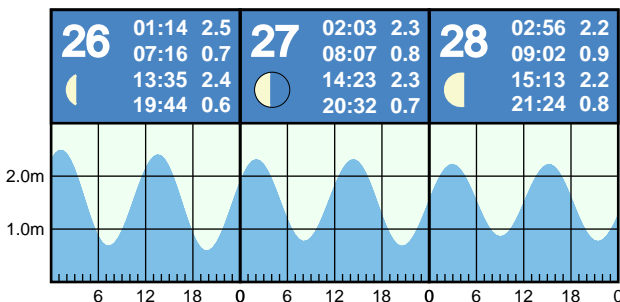
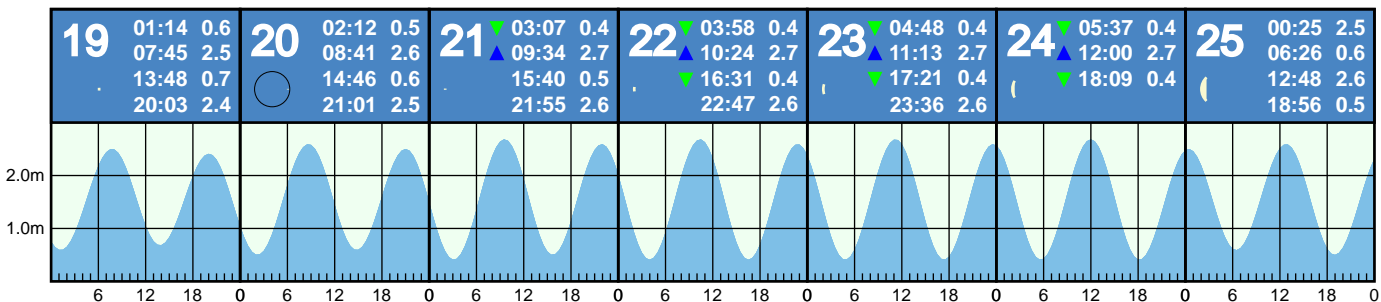
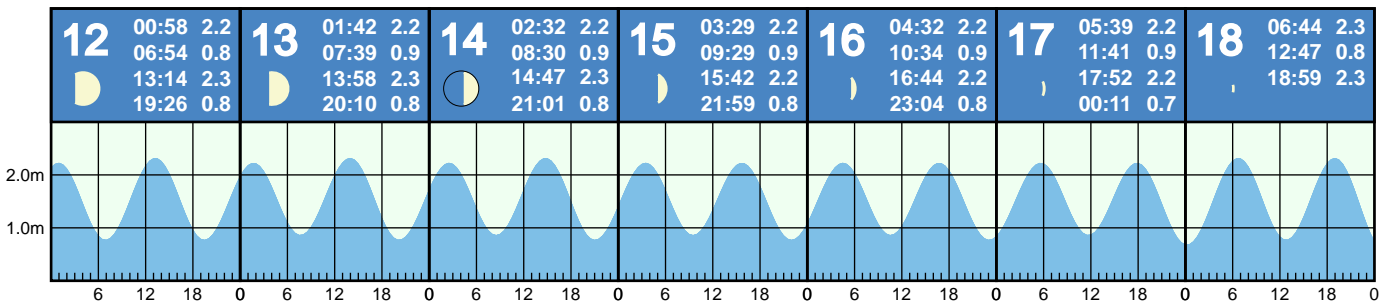
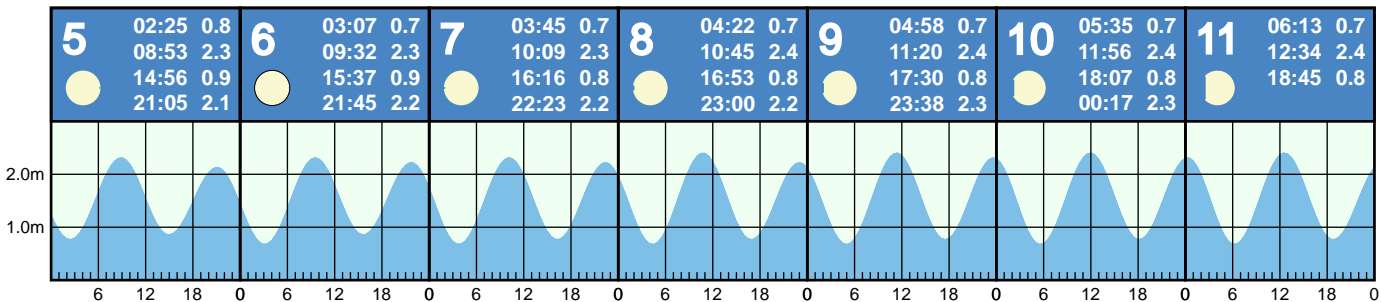
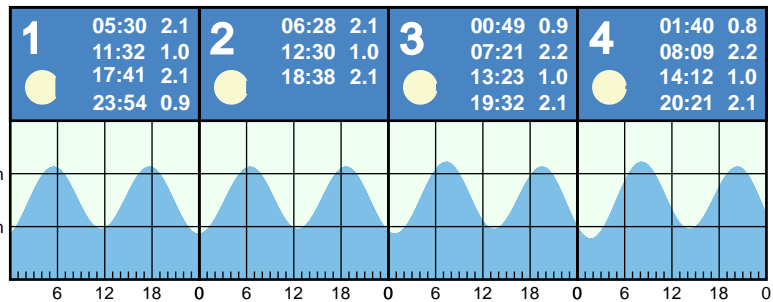
TUESDAY

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/docs/hydro/tidal-info/tide-tables/Secondary-Ports-2022-23.csv>. Calculated using mean sea level, range ratio, and high and low water time differences.

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# TIDAL PREDICTIONS FOR HOUHORA HARBOUR ENTRANCE

(based on Marsden Point)

MARCH 2023

SUNDAY

MONDAY

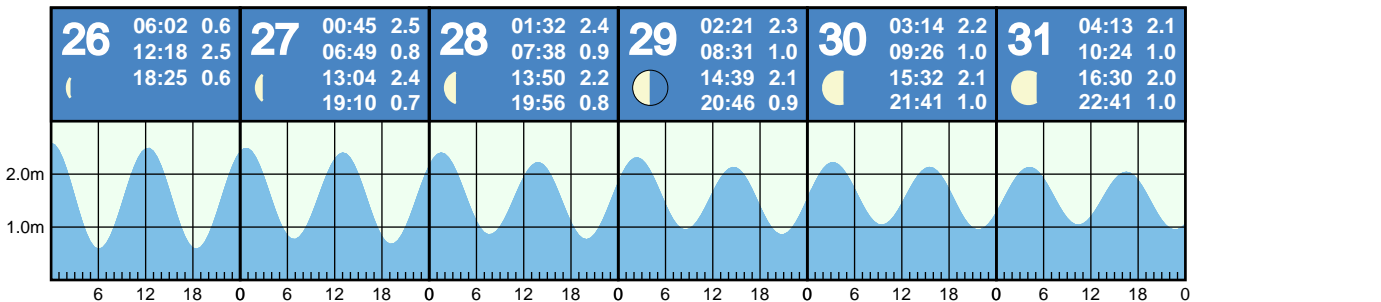
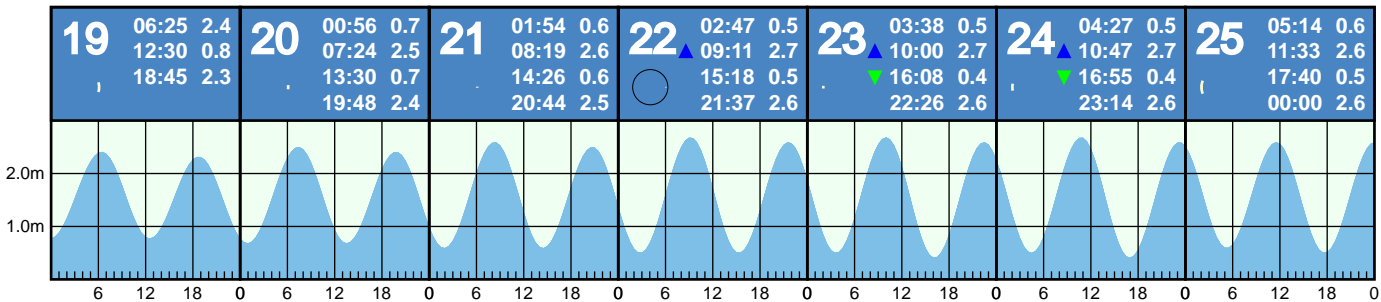
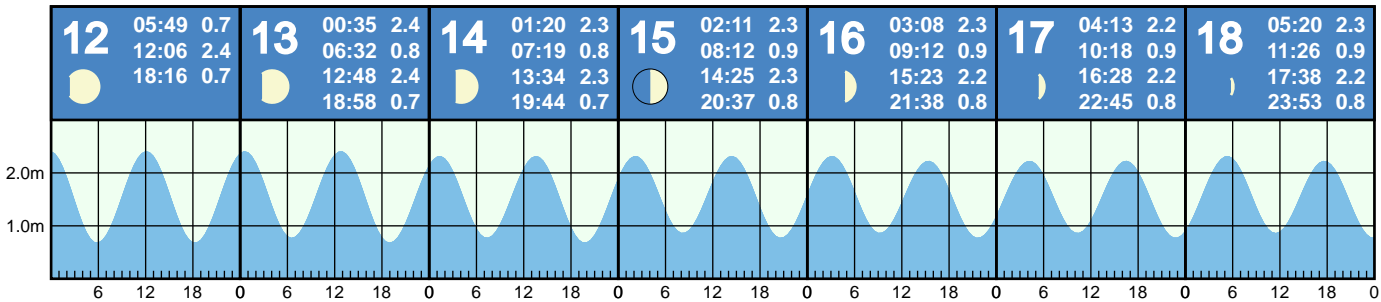
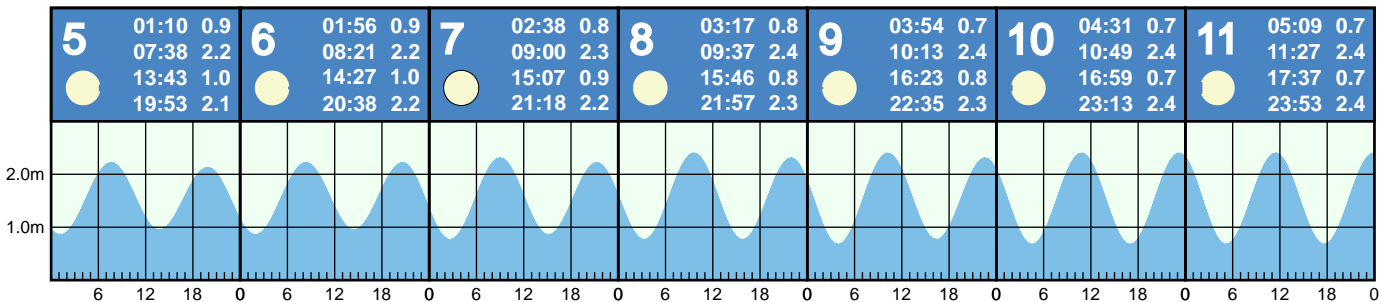
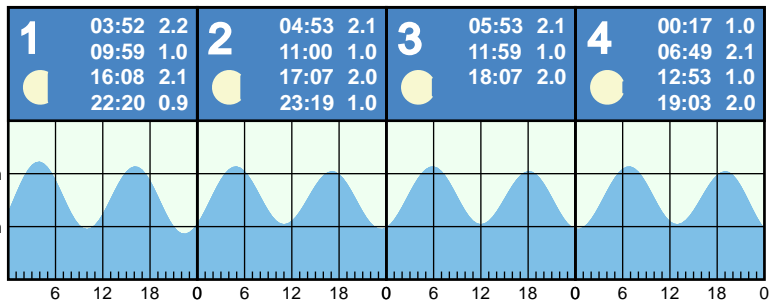
TUESDAY

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/docs/hydro/tidal-info/tide-tables/Secondary-Ports-2022-23.csv>. Calculated using mean sea level, range ratio, and 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).

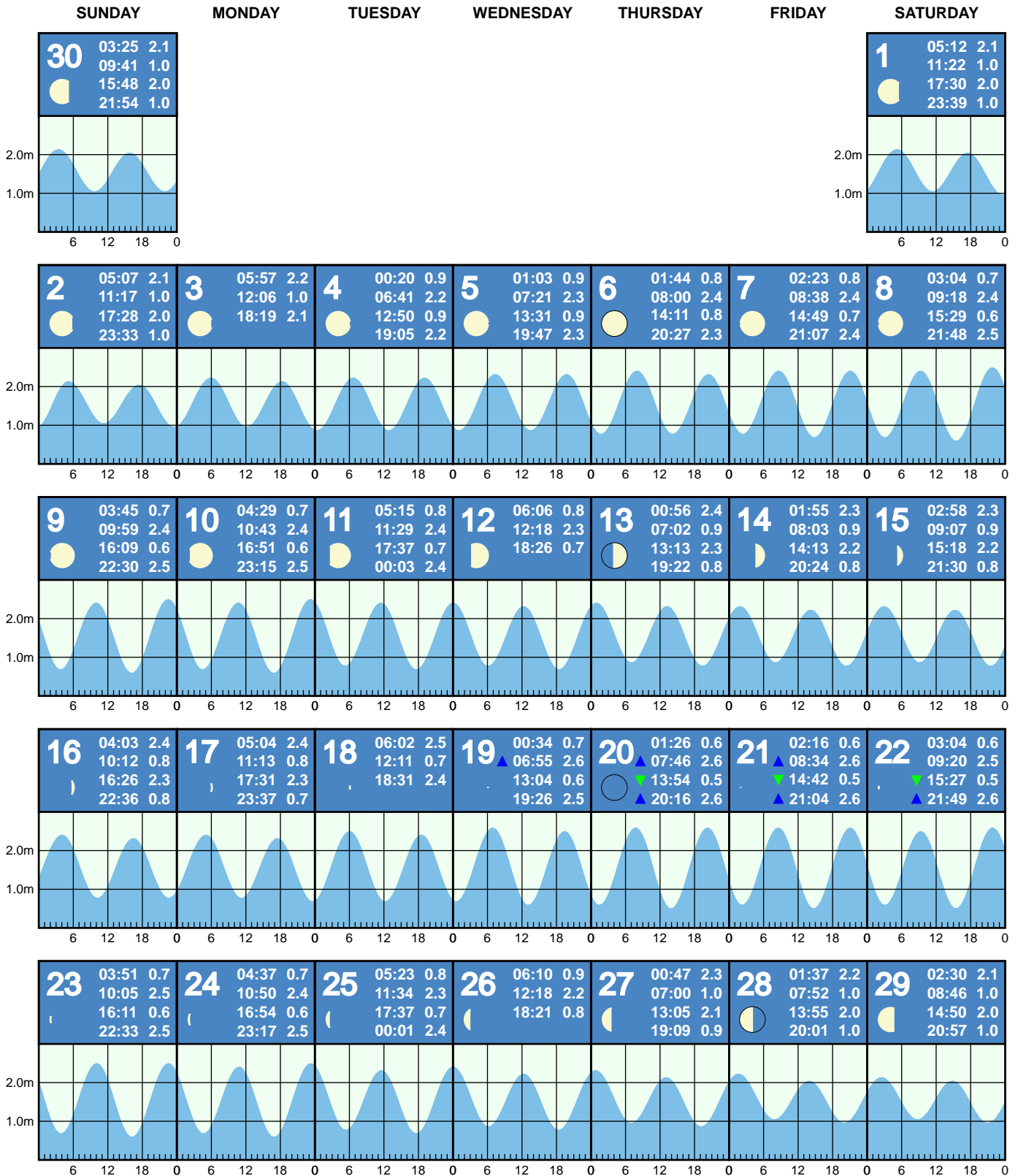
All times are adjusted for daylight savings time.

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# TIDAL PREDICTIONS FOR HOUHORA HARBOUR ENTRANCE

(based on Marsden Point)

APRIL 2023



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/docs/hydro/tidal-info/tide-tables/Secondary-Ports-2022-23.csv>  
 Calculated using mean sea level, range ratio, and 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).

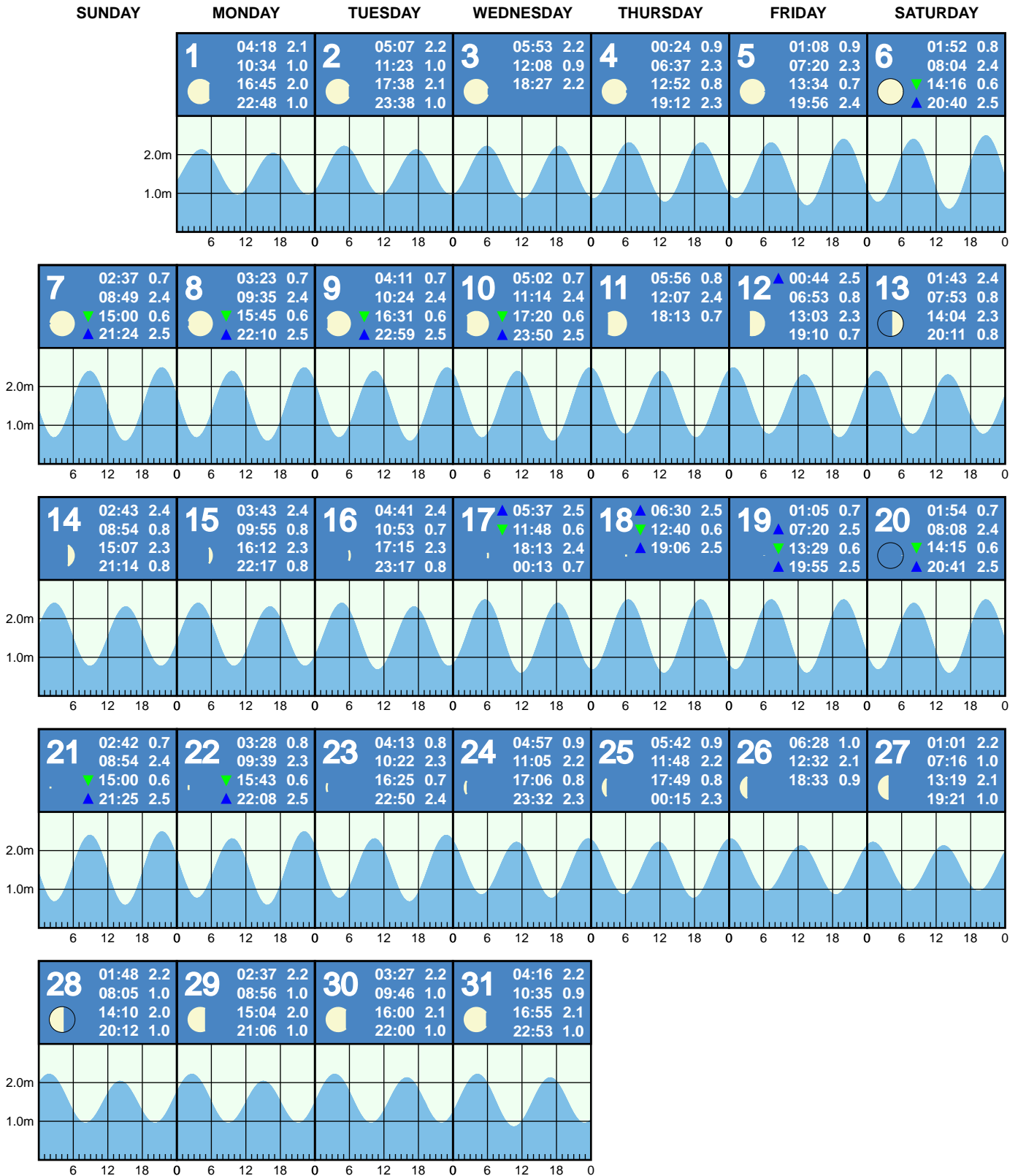
All times are adjusted for daylight savings time.

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# TIDAL PREDICTIONS FOR HOUHORA HARBOUR ENTRANCE

(based on Marsden Point)

MAY 2023



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/docs/hydro/tidal-info/tide-tables/Secondary-Ports-2022-23.csv>. Calculated using mean sea level, range ratio, and high and low water time differences.

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# TIDAL PREDICTIONS FOR HOUHORA HARBOUR ENTRANCE

(based on Marsden Point)

JUNE 2023

SUNDAY

MONDAY

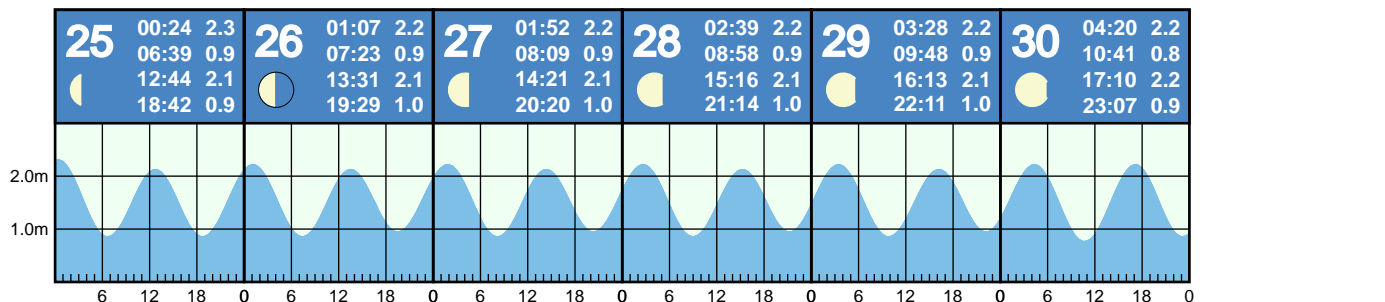
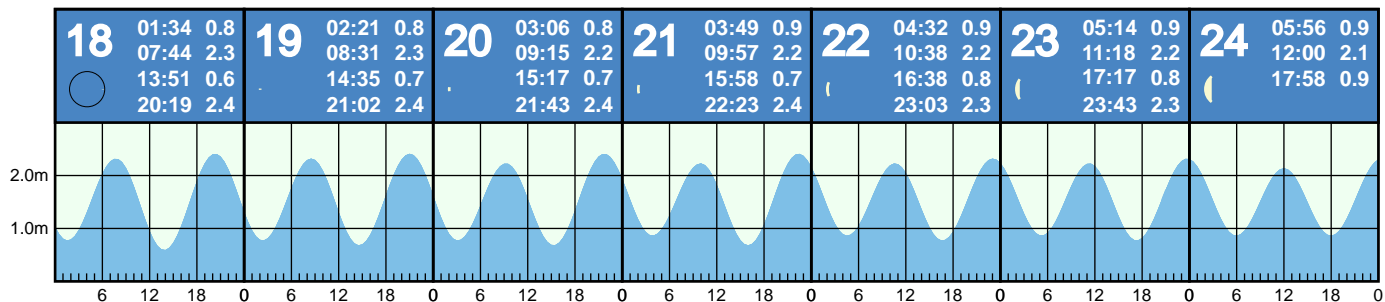
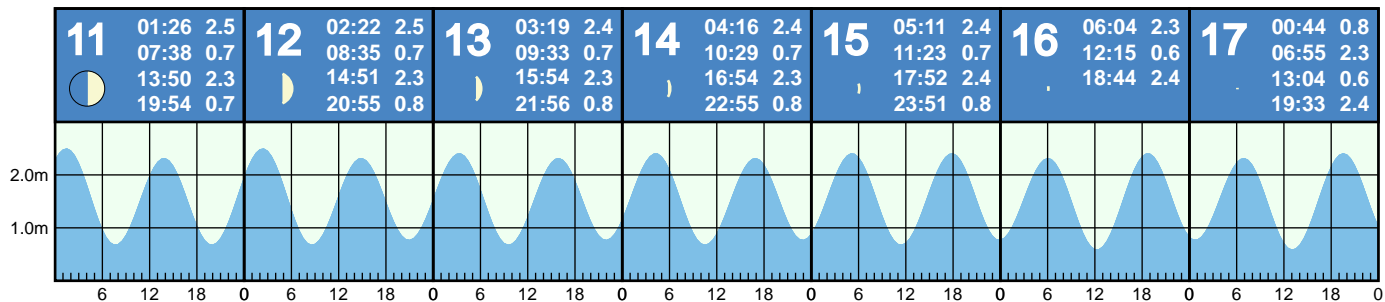
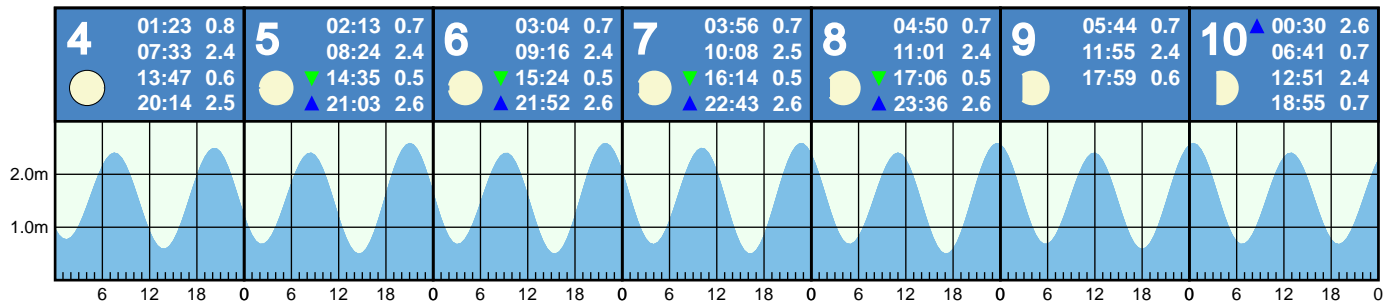
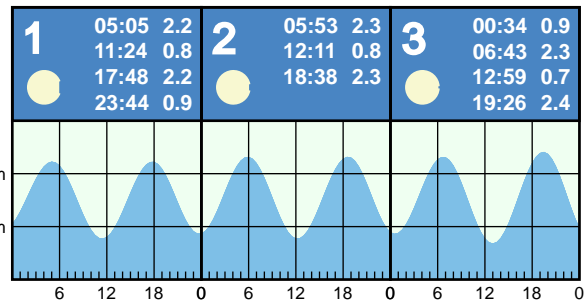
TUESDAY

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/docs/hydro/tidal-info/tide-tables/Secondary-Ports-2022-23.csv>. Calculated using mean sea level, range ratio, and high and low water time differences.

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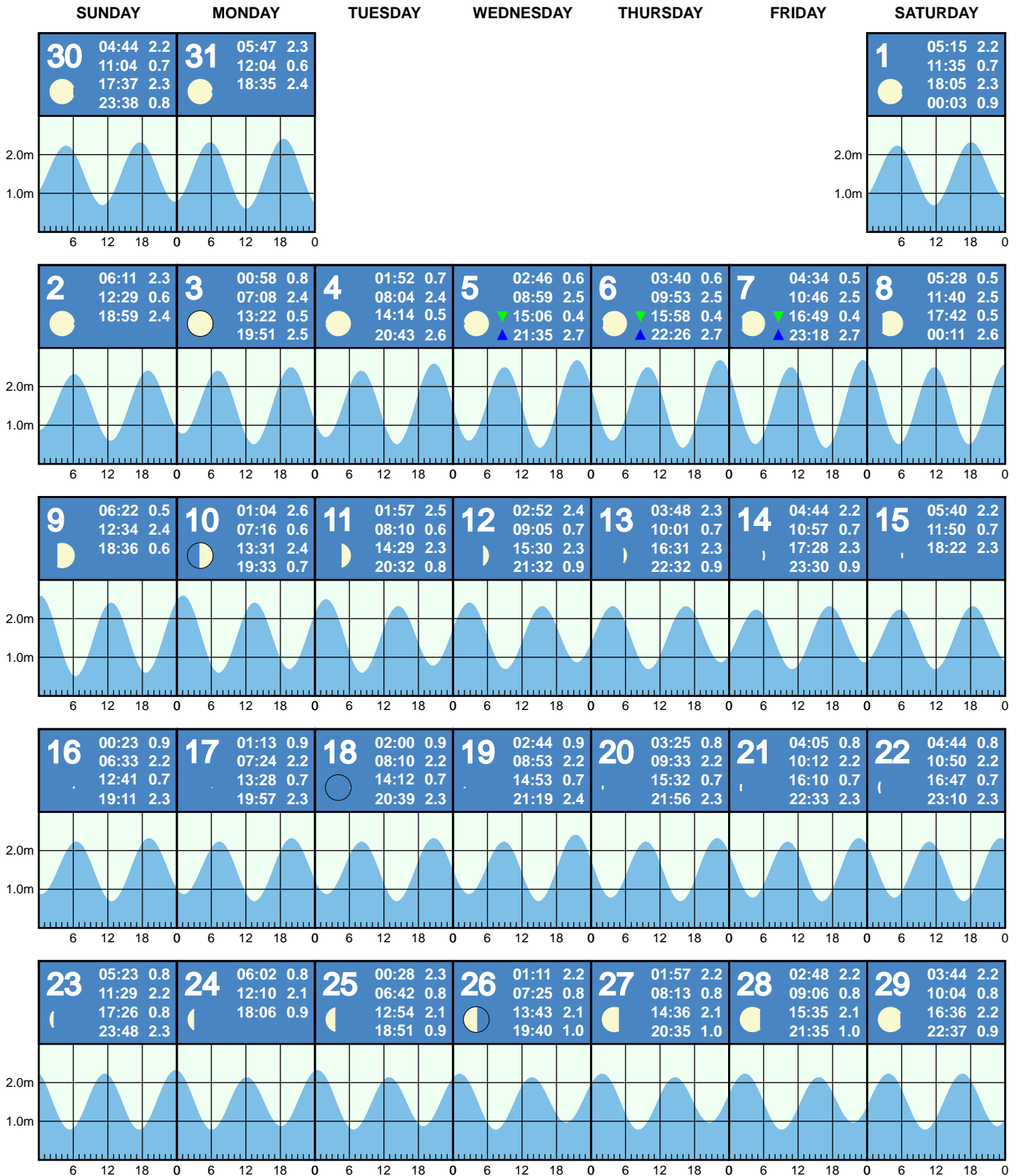
All times are adjusted for daylight savings time.

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# TIDAL PREDICTIONS FOR HOUHORA HARBOUR ENTRANCE

(based on Marsden Point)

JULY 2023



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/docs/hydro/tidal-info/tide-tables/Secondary-Ports-2022-23.csv>  
 Calculated using mean sea level, range ratio, and 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 HOUHORA HARBOUR ENTRANCE

(based on Marsden Point)

AUGUST 2023

SUNDAY

MONDAY

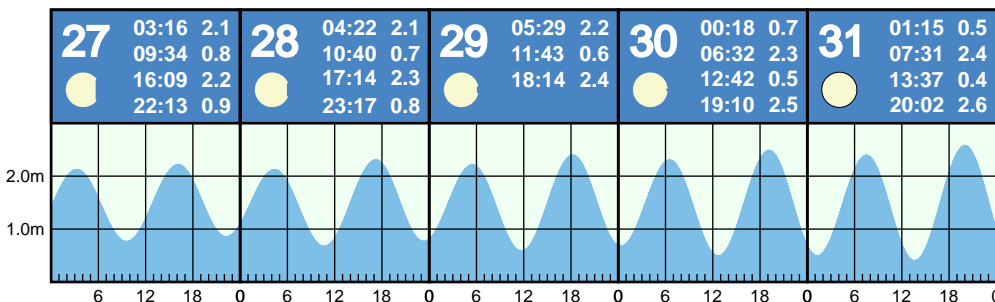
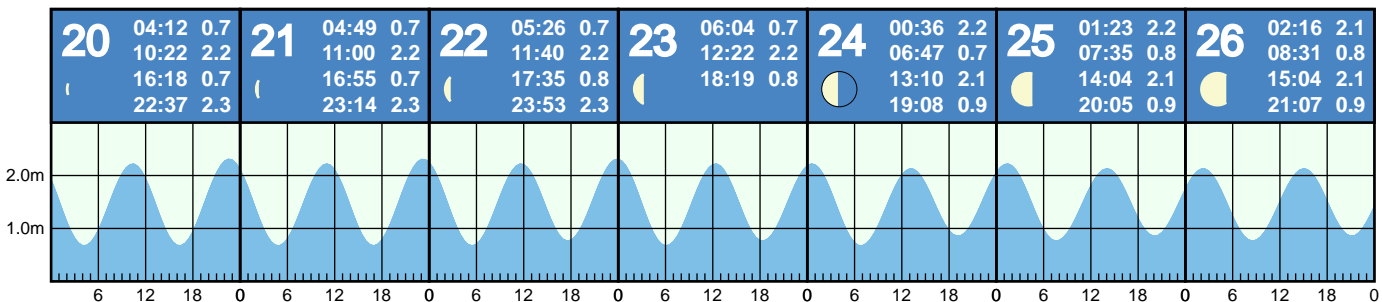
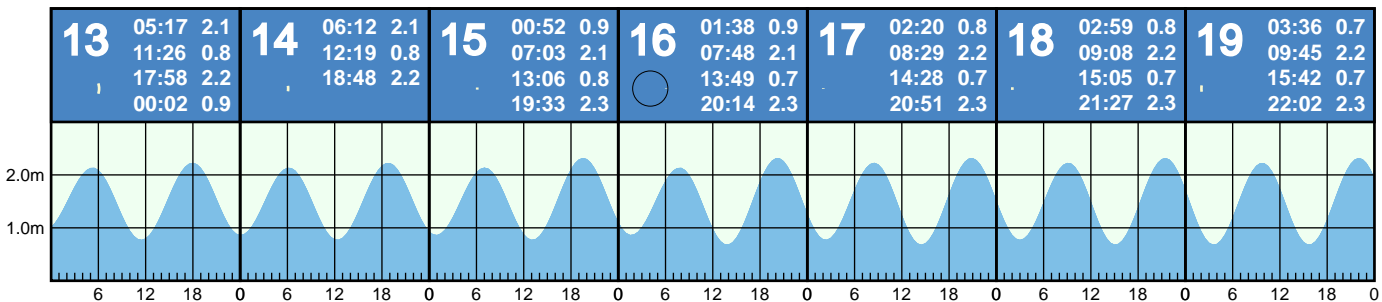
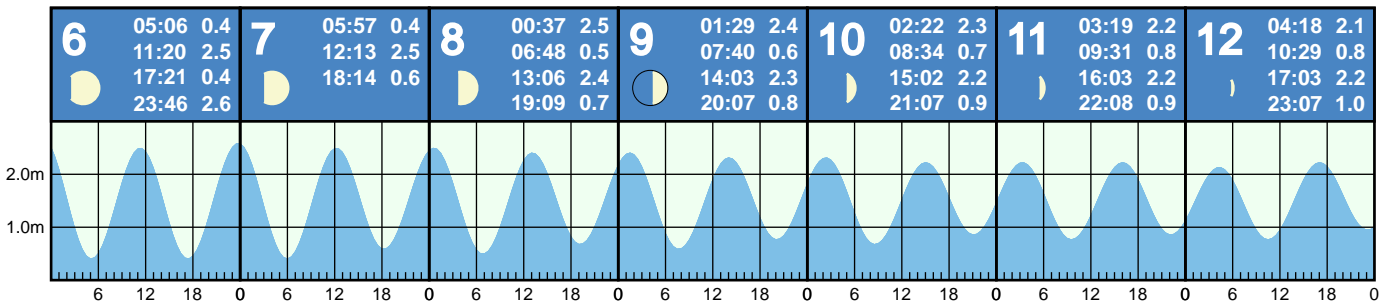
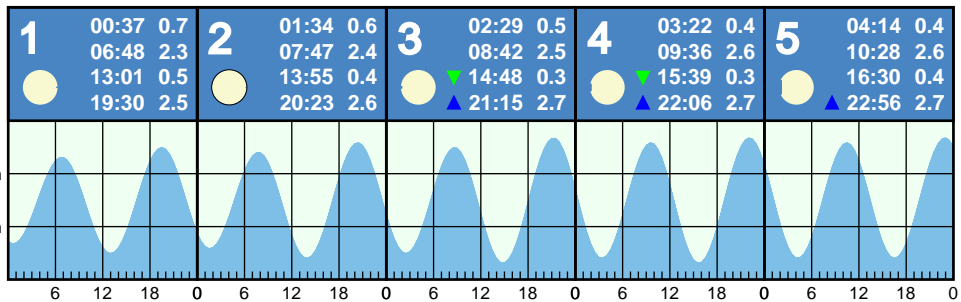
TUESDAY

WEDNESDAY

THURSDAY

FRIDAY

SATURDAY



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# TIDAL PREDICTIONS FOR HOUHORA HARBOUR ENTRANCE

(based on Marsden Point)

## SEPTEMBER 2023

SUNDAY

MONDAY

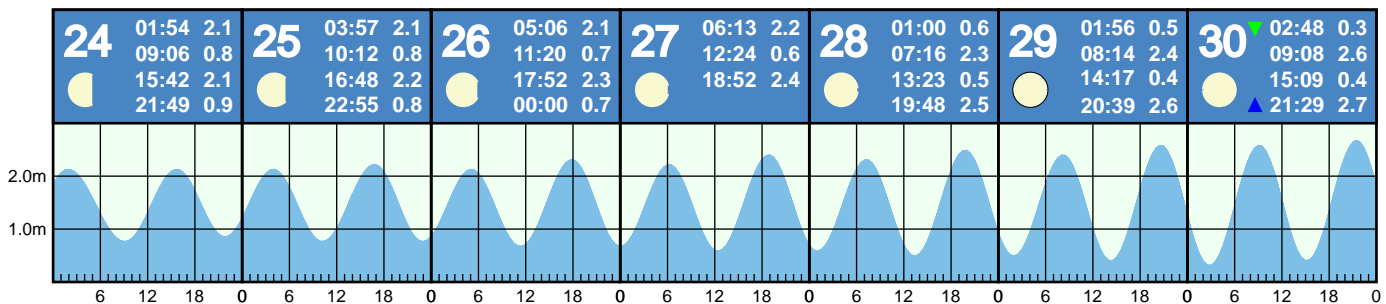
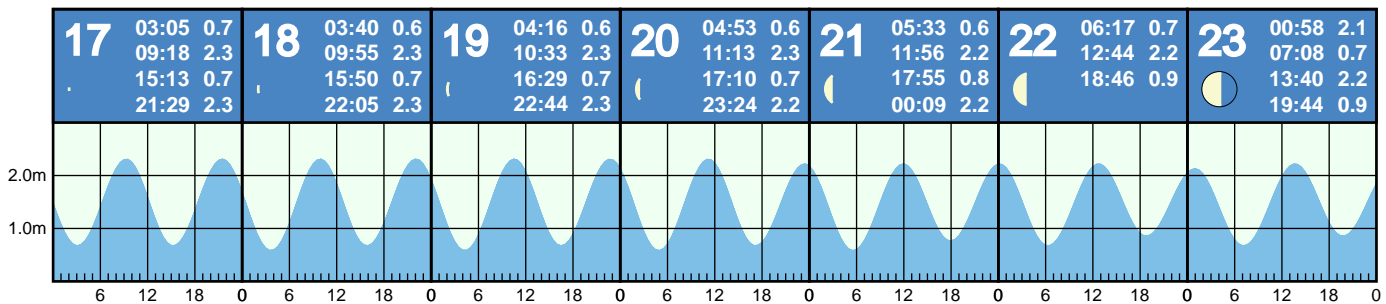
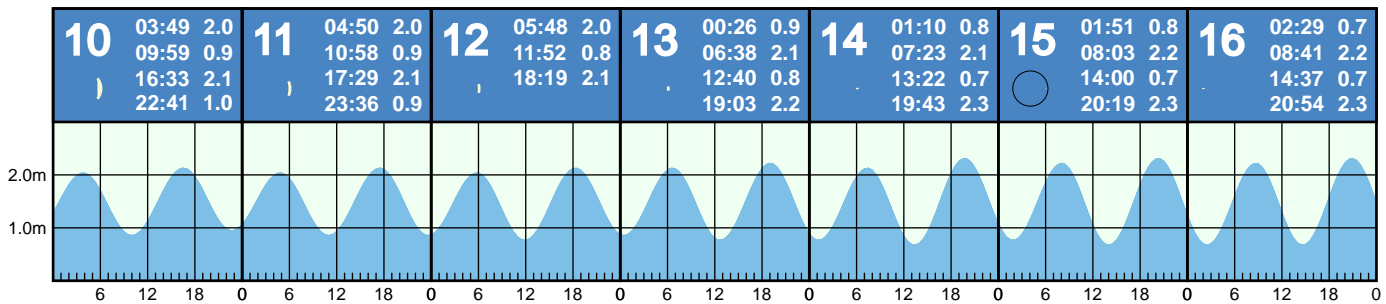
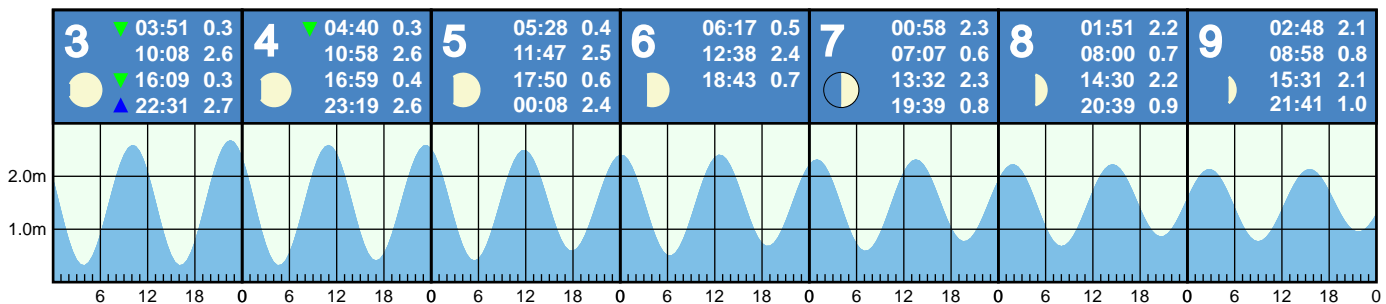
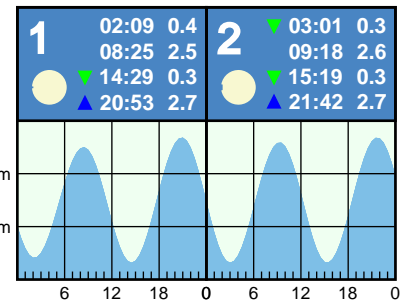
TUESDAY

WEDNESDAY

THURSDAY

FRIDAY

SATURDAY



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This tide table was calculated using secondary port info at <https://www.linz.govt.nz/sites/default/files/docs/hydro/tidal-info/tide-tables/Secondary-Ports-2022-23.csv>. Calculated using mean sea level, range ratio, and high and low water time differences.

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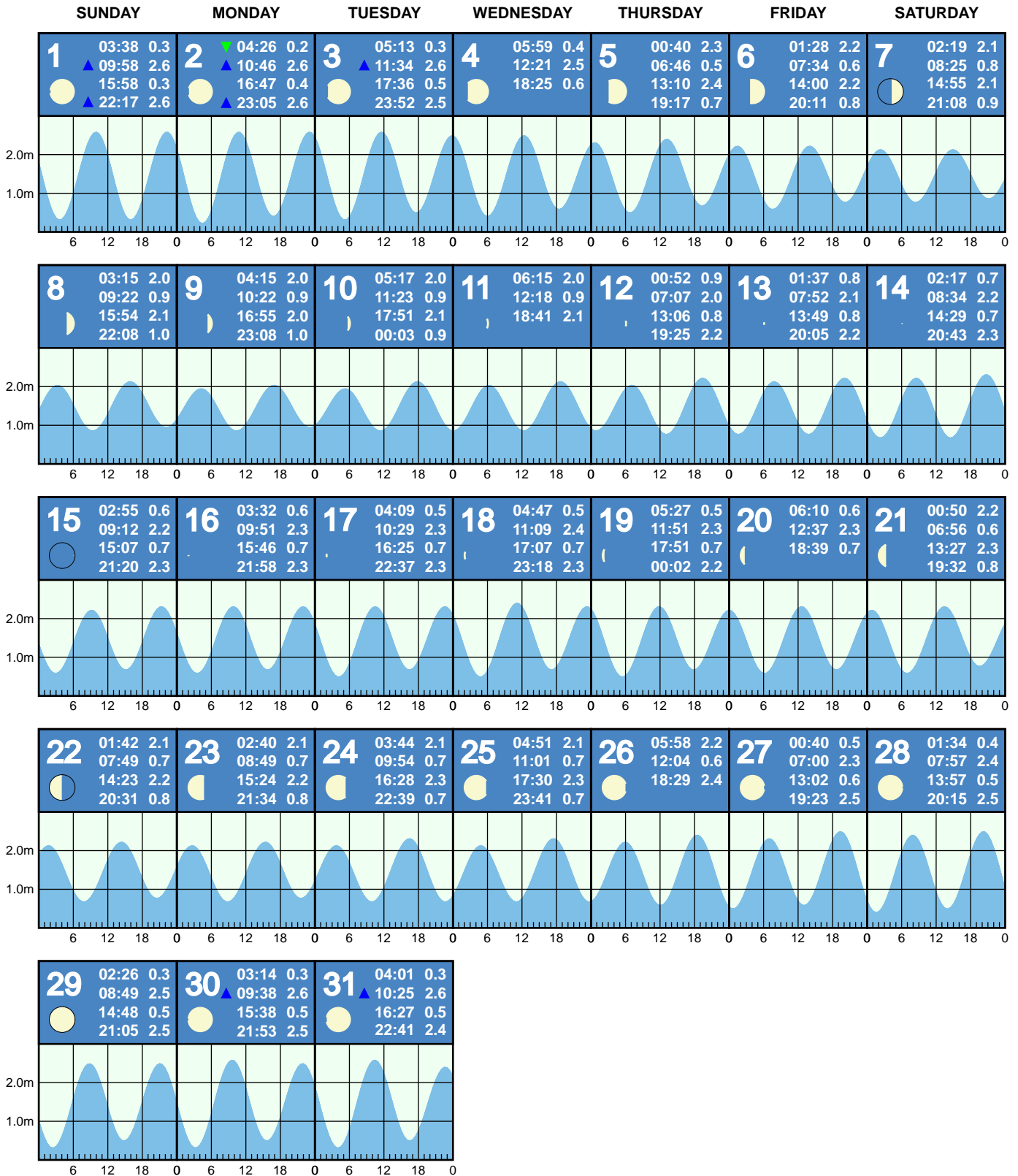
All times are adjusted for daylight savings time.

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# TIDAL PREDICTIONS FOR HOUHORA HARBOUR ENTRANCE

(based on Marsden Point)

OCTOBER 2023



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

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# TIDAL PREDICTIONS FOR HOUHORA HARBOUR ENTRANCE

(based on Marsden Point)

## NOVEMBER 2023

SUNDAY

MONDAY

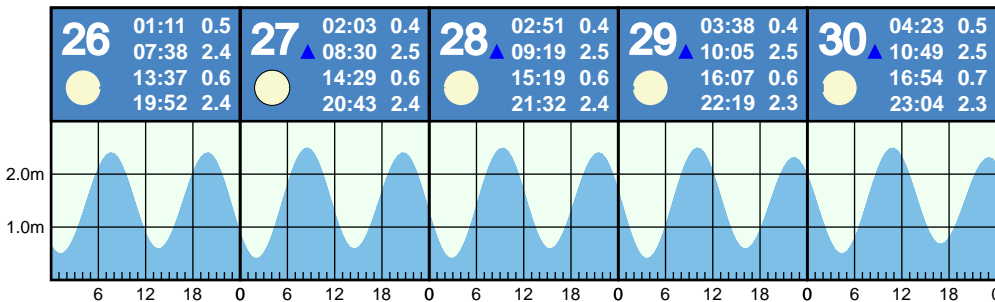
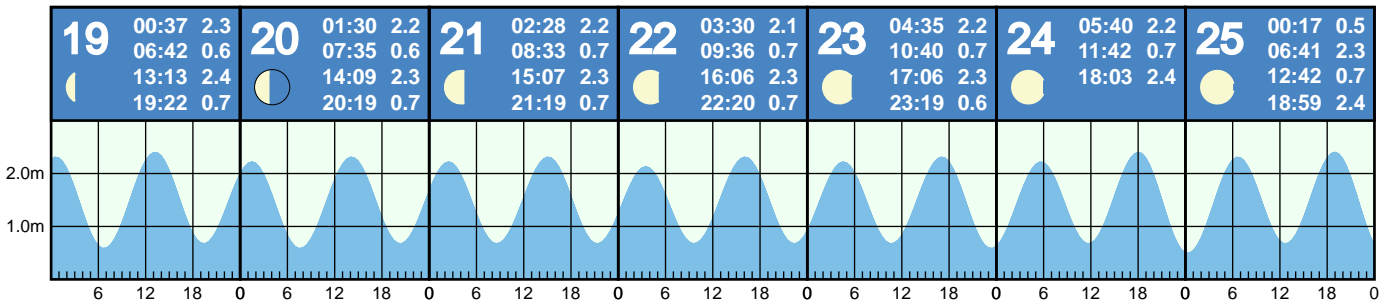
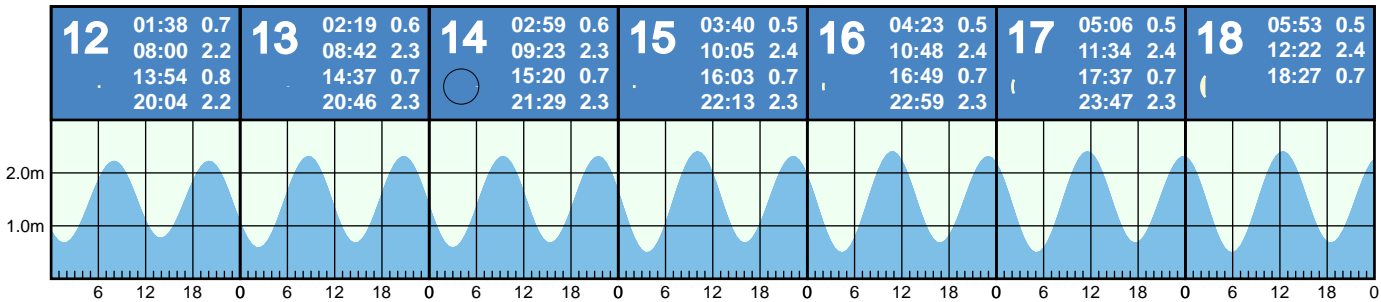
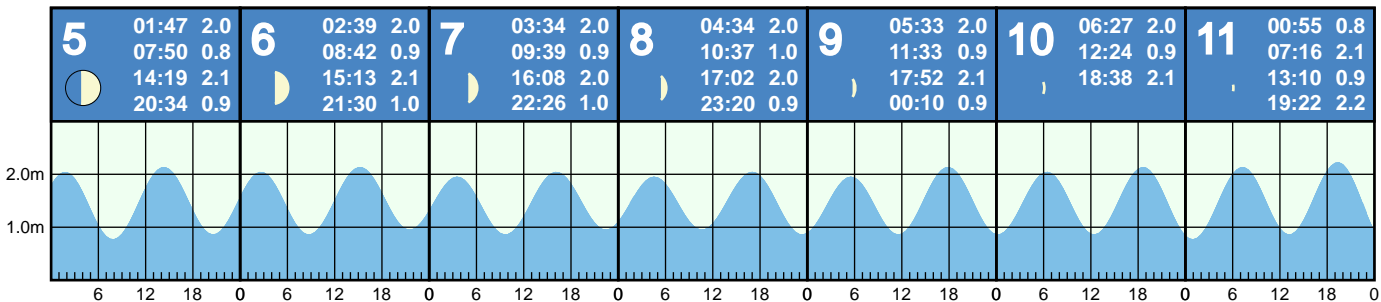
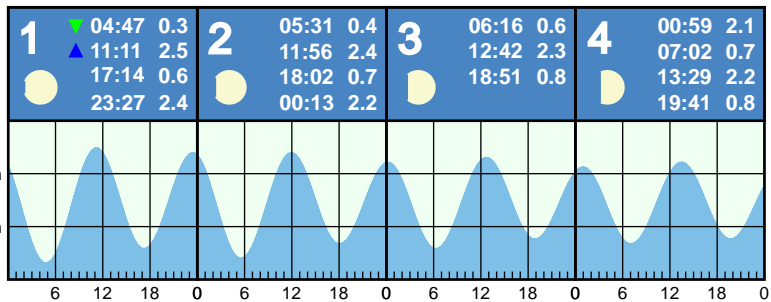
TUESDAY

WEDNESDAY

THURSDAY

FRIDAY

SATURDAY



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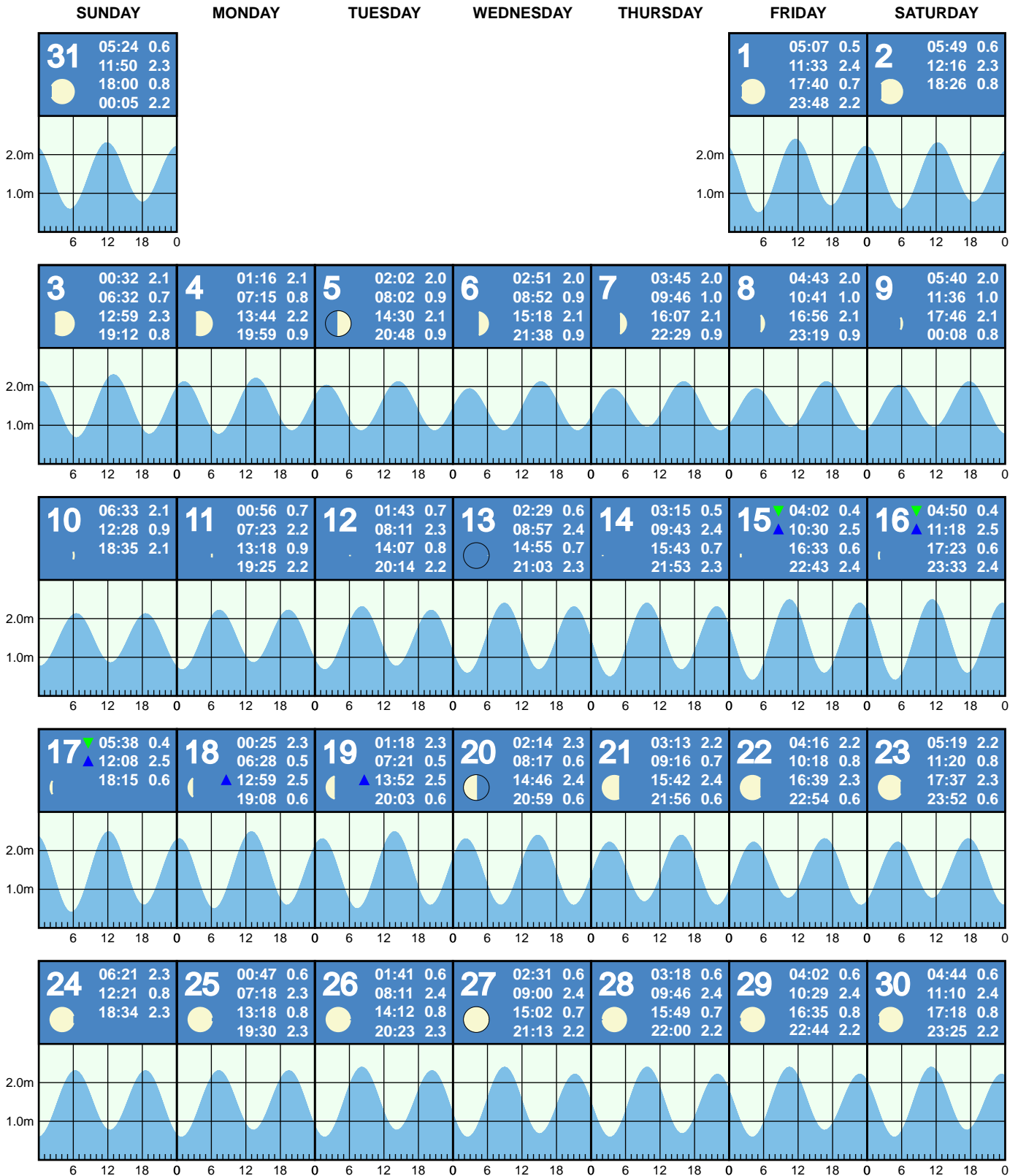
All times are adjusted for daylight savings time.

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# TIDAL PREDICTIONS FOR HOUHORA HARBOUR ENTRANCE

(based on Marsden Point)

## DECEMBER 2023



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/docs/hydro/tidal-info/tide-tables/Secondary-Ports-2022-23.csv>  
 Calculated using mean sea level, range ratio, and high and low water time differences.

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