

# TORY CHANNEL / KURA TE AU ENTRANCE

LAT. 41° 13'S., LONG. 174° 19'E.

## TIDAL STREAM DIAGRAMS DURING SPRING TIDE CONDITIONS TIMES RELATIVE TO HIGH WATER AT PICTON

The following diagrams depict the direction and rate of the Tory Channel / Kura te Au Entrance tidal stream at hourly intervals during average spring tide conditions.

Each arrow represents the direction and rate of the tidal stream.

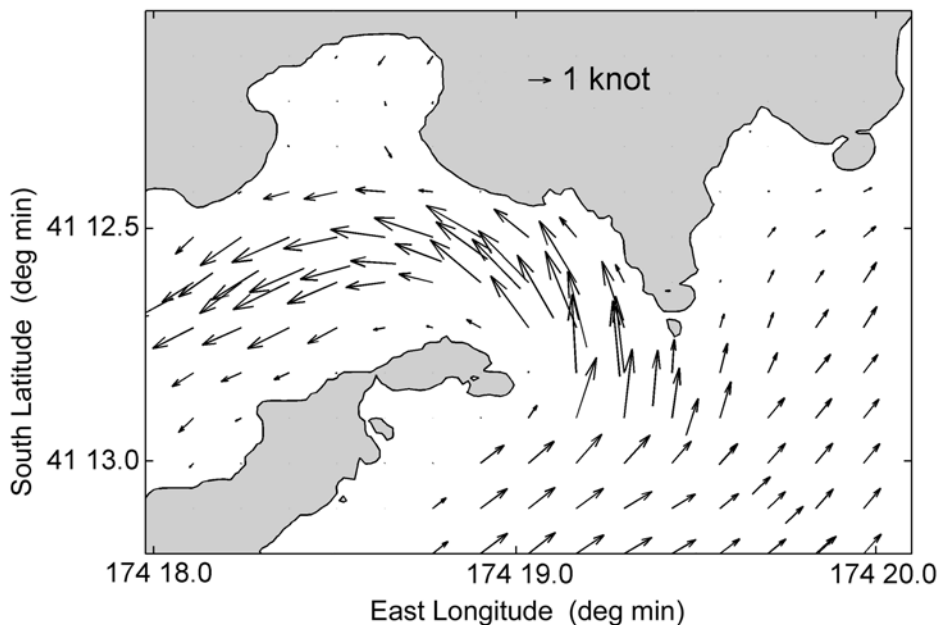
The arrows are arranged in a grid pattern at a spacing of 0.1 nautical miles. Additional arrows are included along the main channel at intervals of 0.1 nautical miles.

The diagrams commence 6 hours before high water and end 6 hours after high water at Picton. The predicted times of high water at Picton can be found on pages 64 - 66.

Tidal streams can be influenced by local weather conditions so caution is advised when navigating through this passage. Local tide rips and eddies are not shown on these diagrams. Chart NZ 6154 and the publication *Admiralty Sailing Directions, New Zealand Pilot* (NP51) should be consulted for further information.

Additional notes about tidal streams in general, and the conditions at Tory Channel / Kura te Au Entrance in particular, can be found on page 26.

Predictions of the times of the commencement of the ebb (E) and flood (W) streams at Tory Channel / Kura te Au Entrance can be found on pages 116 - 118.



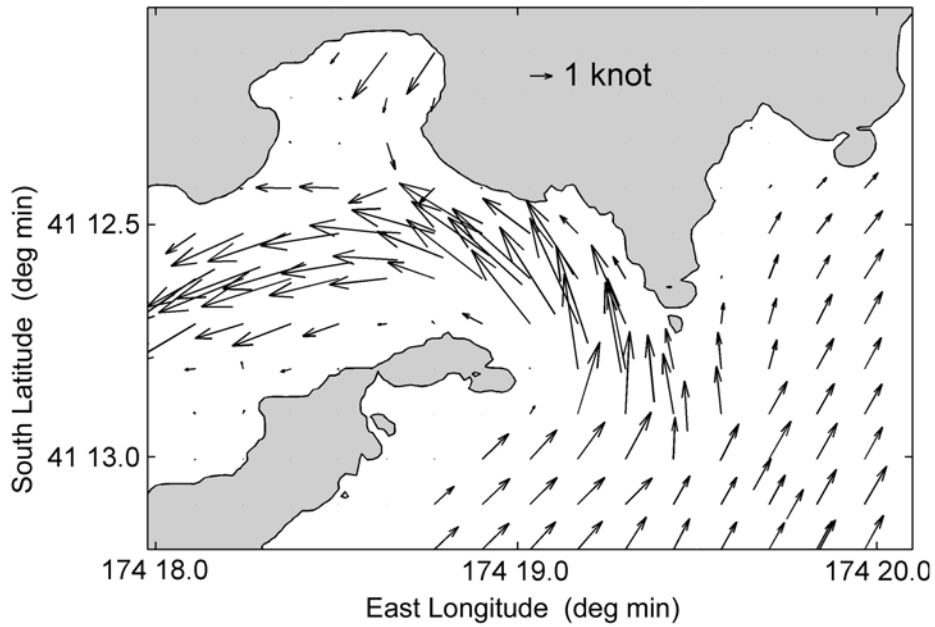
-6hr HW Picton, Spring Tide

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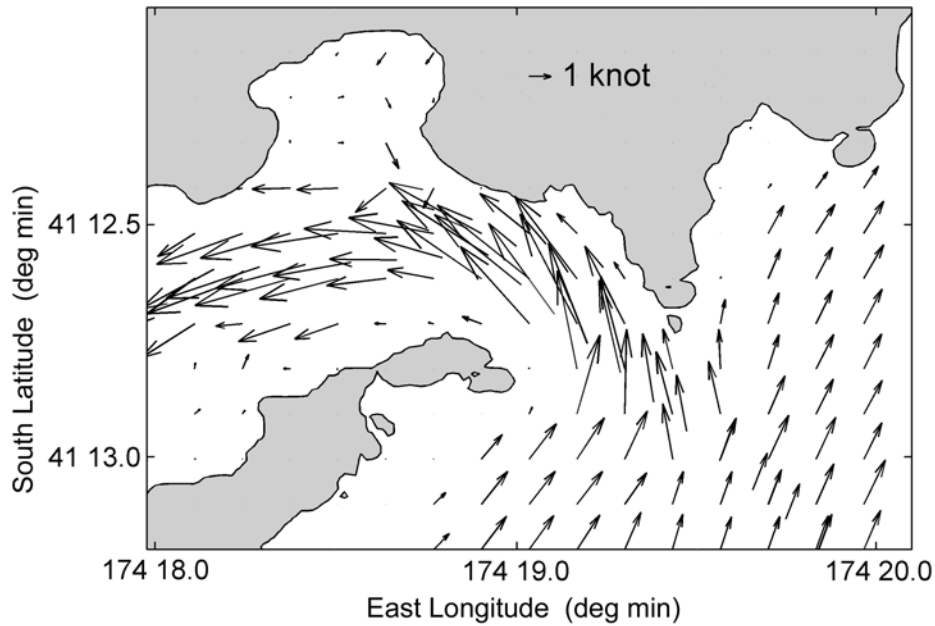
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## TIDAL STREAM DIAGRAMS DURING **SPRING** TIDE CONDITIONS TIMES RELATIVE TO HIGH WATER AT **PICTON**

TIDAL STREAMS



**-5hr HW Picton, Spring Tide**

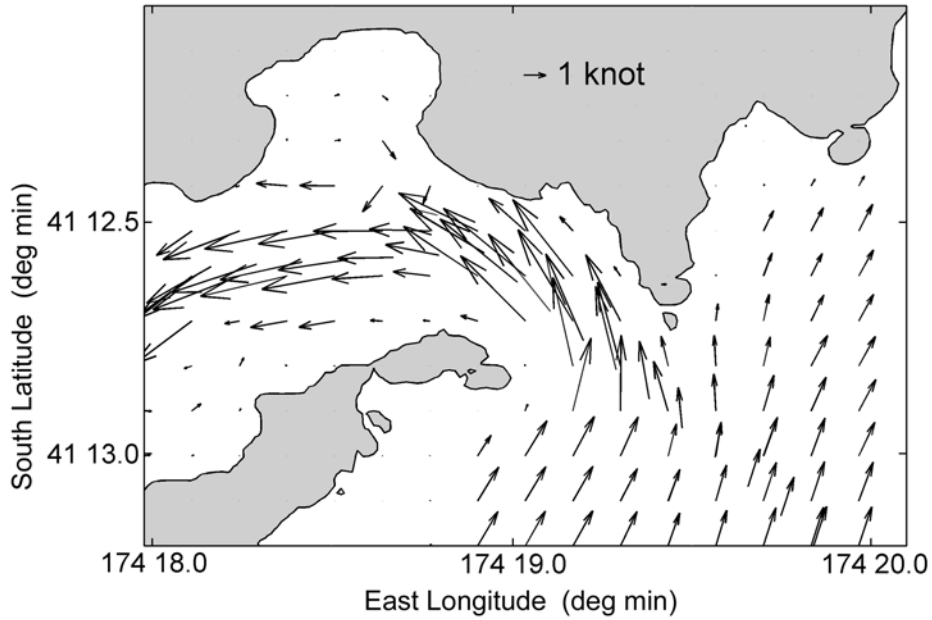


**-4hr HW Picton, Spring Tide**

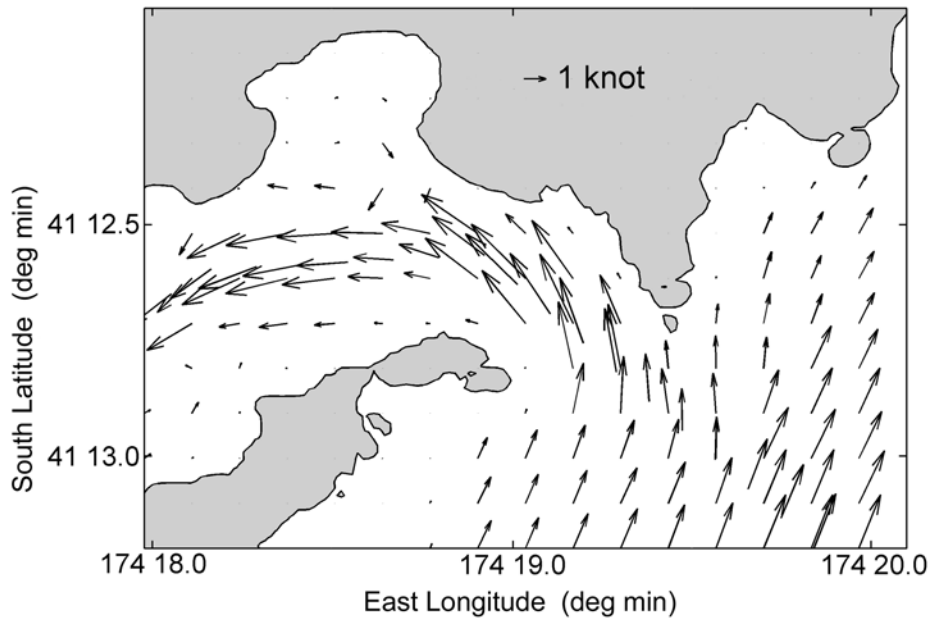
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## TIDAL STREAM DIAGRAMS DURING **SPRING** TIDE CONDITIONS TIMES RELATIVE TO HIGH WATER AT **PICTON**



**-3hr HW Picton, Spring Tide**

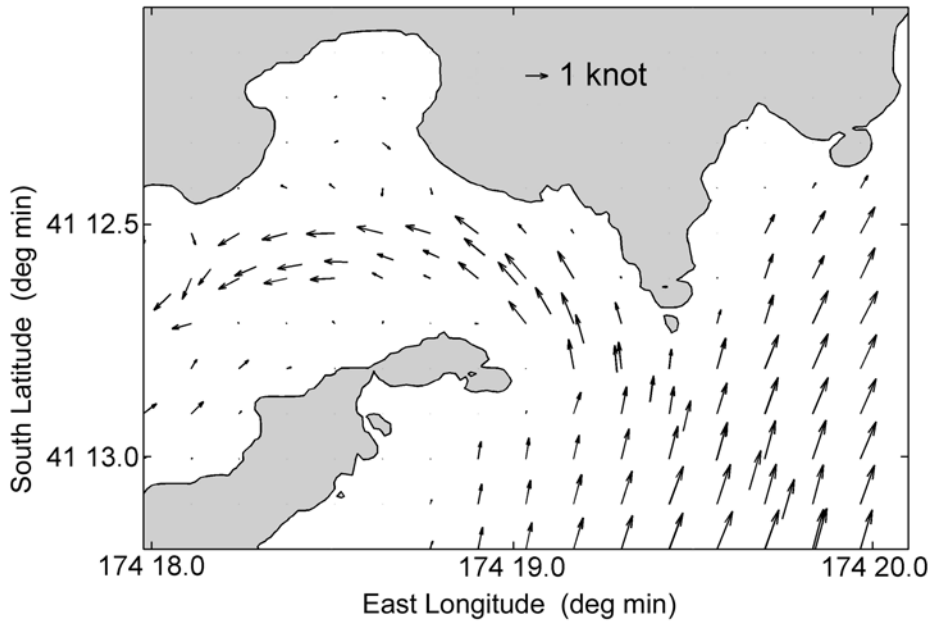


**-2hr HW Picton, Spring Tide**

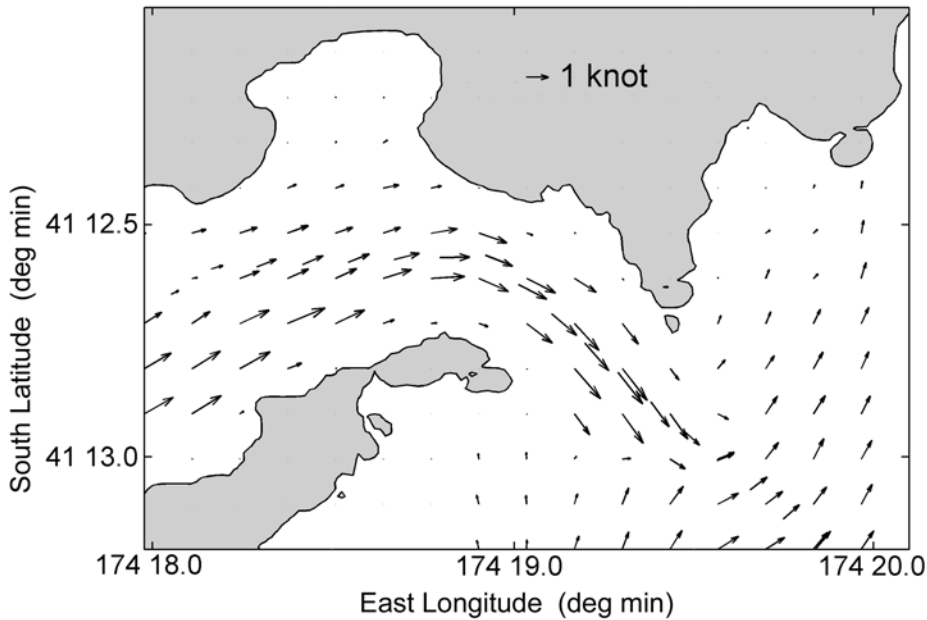
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## TIDAL STREAM DIAGRAMS DURING **SPRING** TIDE CONDITIONS TIMES RELATIVE TO HIGH WATER AT **PICTON**



**-1hr HW Picton, Spring Tide**

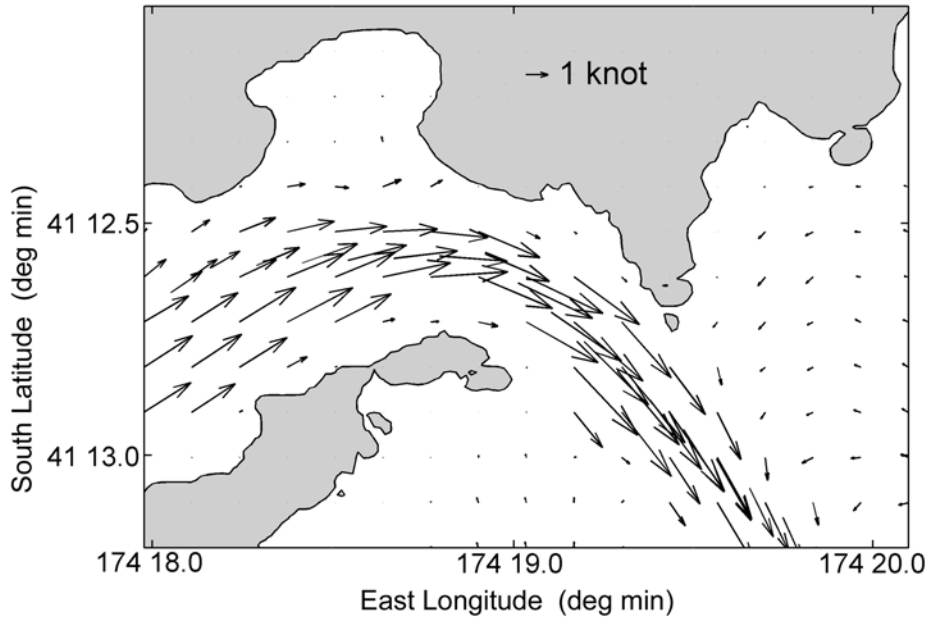


**At HW Picton, Spring Tide**

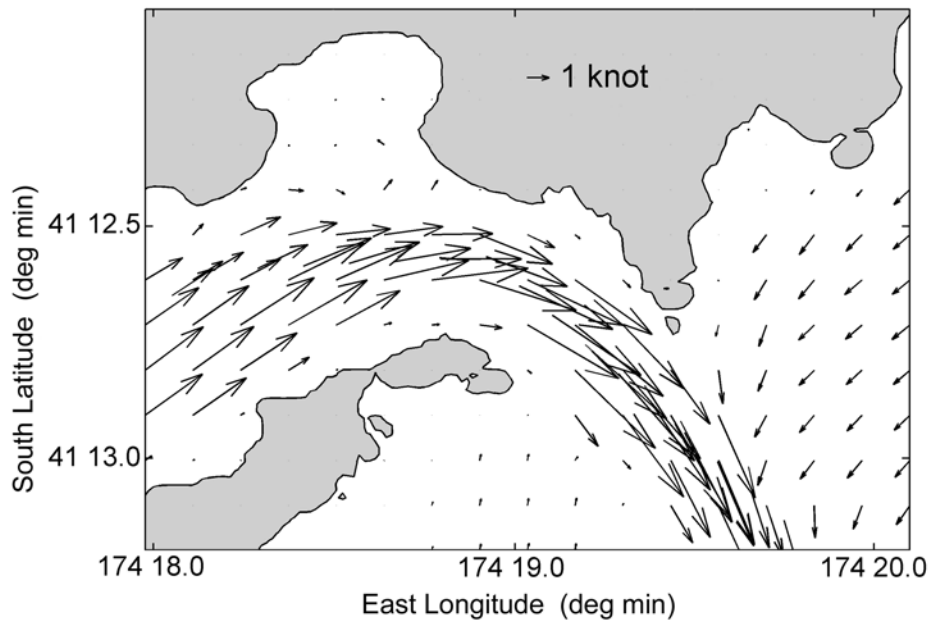
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## TIDAL STREAM DIAGRAMS DURING **SPRING** TIDE CONDITIONS TIMES RELATIVE TO HIGH WATER AT **PICTON**



**+1hr HW Picton, Spring Tide**

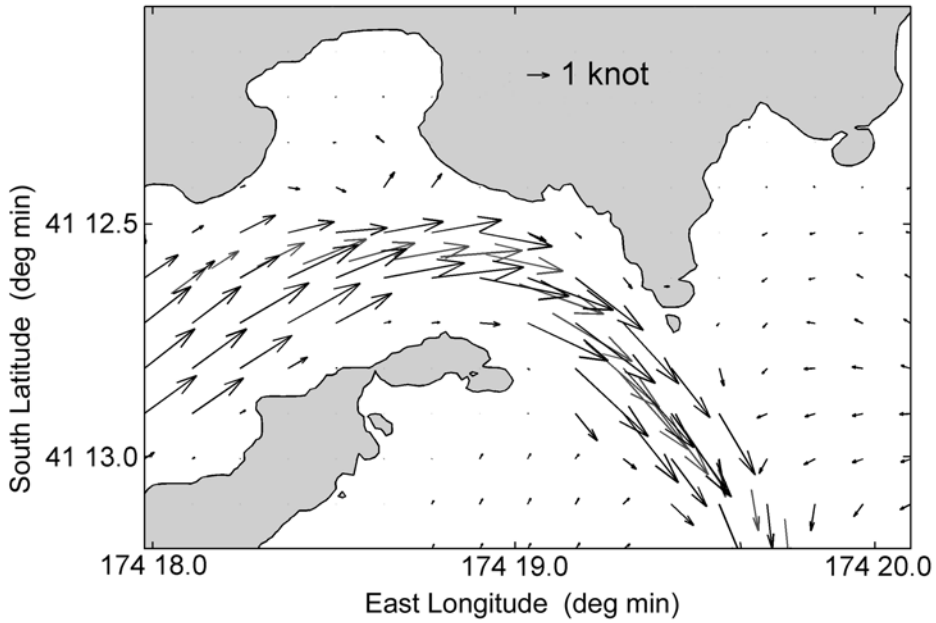


**+2hr HW Picton, Spring Tide**

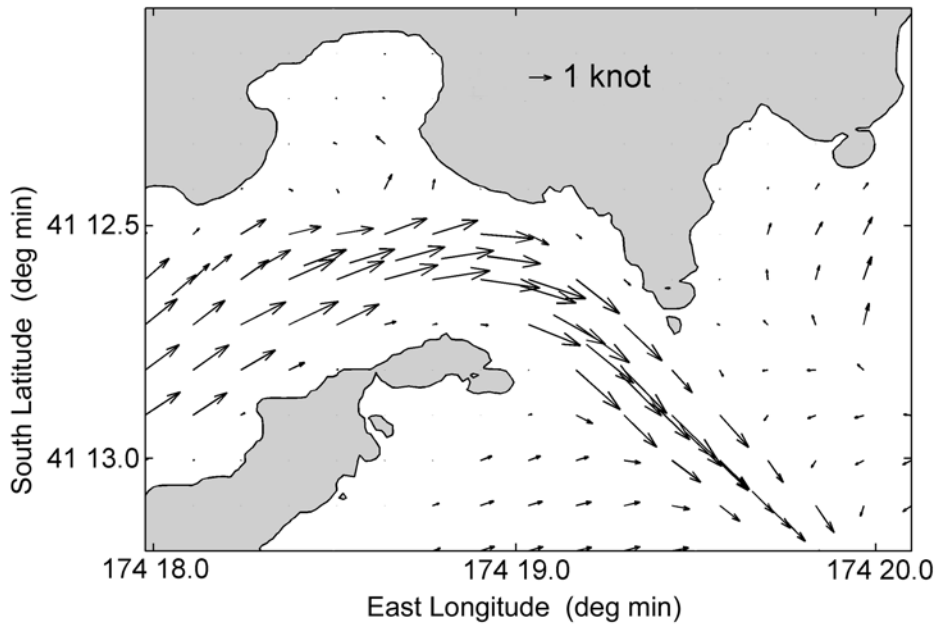
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## TIDAL STREAM DIAGRAMS DURING **SPRING** TIDE CONDITIONS TIMES RELATIVE TO HIGH WATER AT **PICTON**



**+3hr HW Picton, Spring Tide**

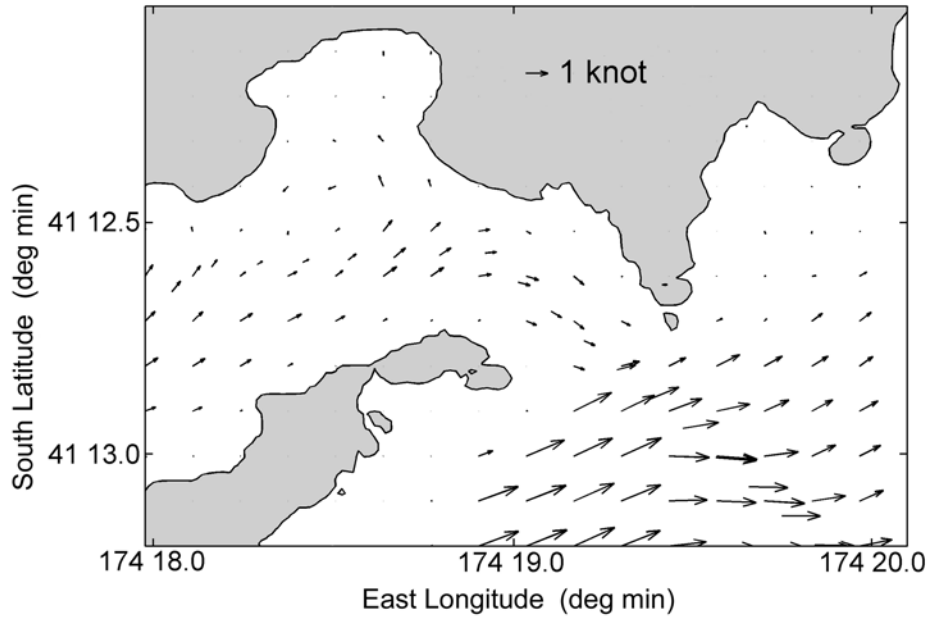


**+4hr HW Picton, Spring Tide**

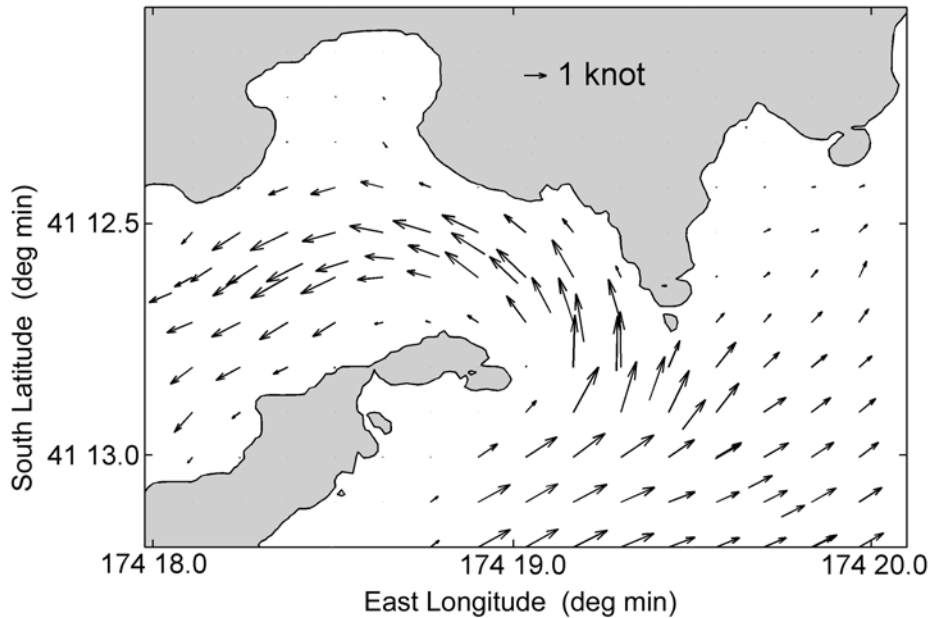
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## TIDAL STREAM DIAGRAMS DURING **SPRING** TIDE CONDITIONS TIMES RELATIVE TO HIGH WATER AT **PICTON**



**+5hr HW Picton, Spring Tide**



**+6hr HW Picton, Spring Tide**