

Dolphin_Results

Goals of this study

Investigate patterns in the acoustic behavior of dolphins

Data

Acoustic data was collected from drifting acoustic recorders during the 2018 California Current Ecosystem survey. See [Simonis et al 2020](#) for more details. Data analyzed here includes CCES Drifts 10, 12, 13, 14, 16.

Combine Logs

The presence of Dolphins and ships were logged by 1 Seatech analyst: Keisha Askoak.

Remove times with missing data

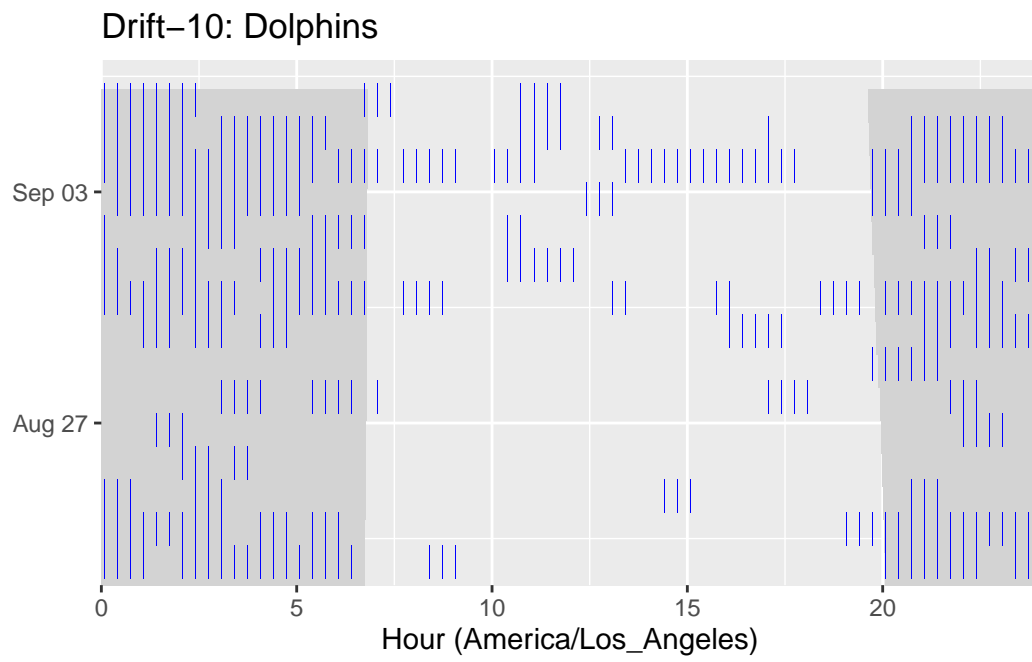
MEHS did not have audio data for the entire length of all drifts. Only show drift tracks and events from times where data was available

Plots

Diel Plot

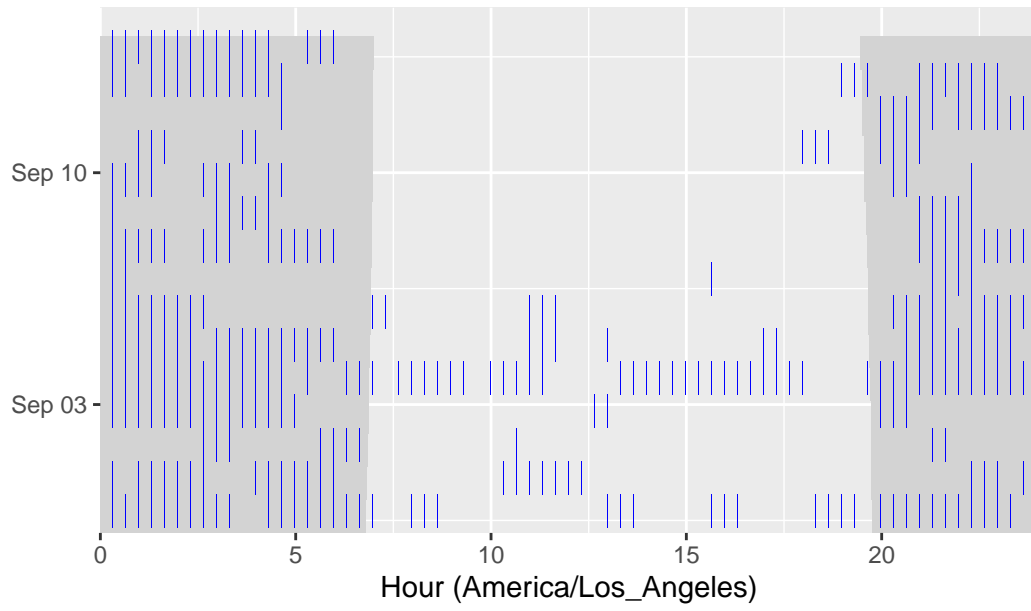
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#Define Figure Options  
  
figtitle<-c('Drift-10','Drift-12','Drift-13','Drift-14','Drift-16')  
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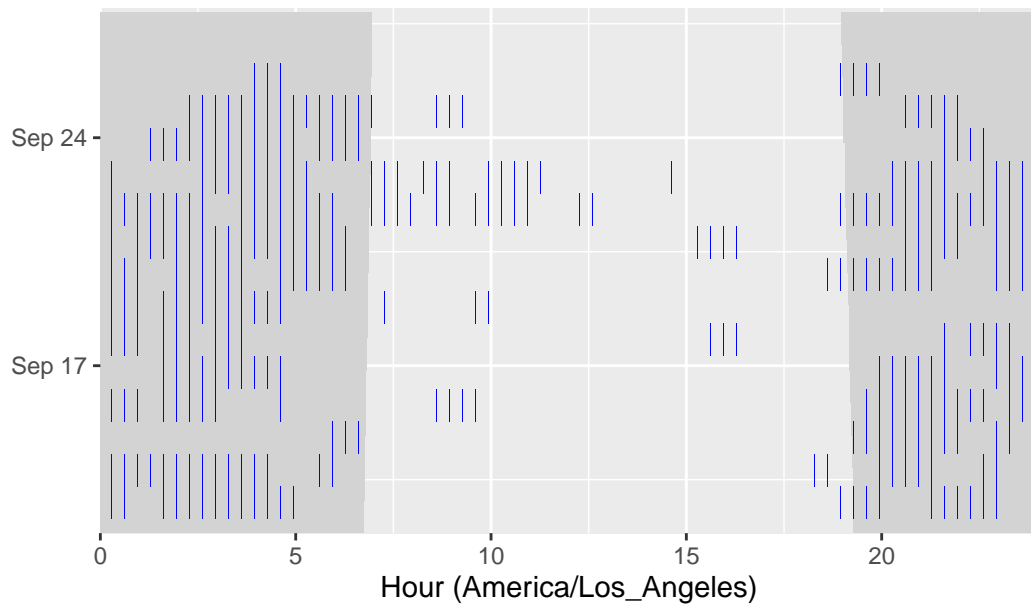
[[2]]

Drift-12: Dolphins

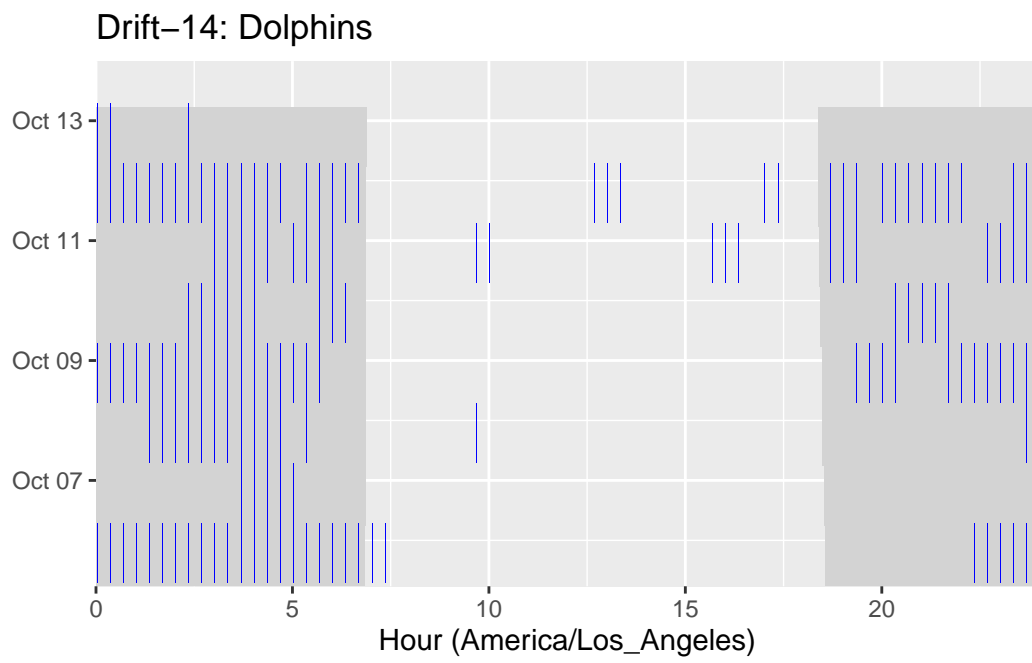


[[3]]

Drift-13: Dolphins

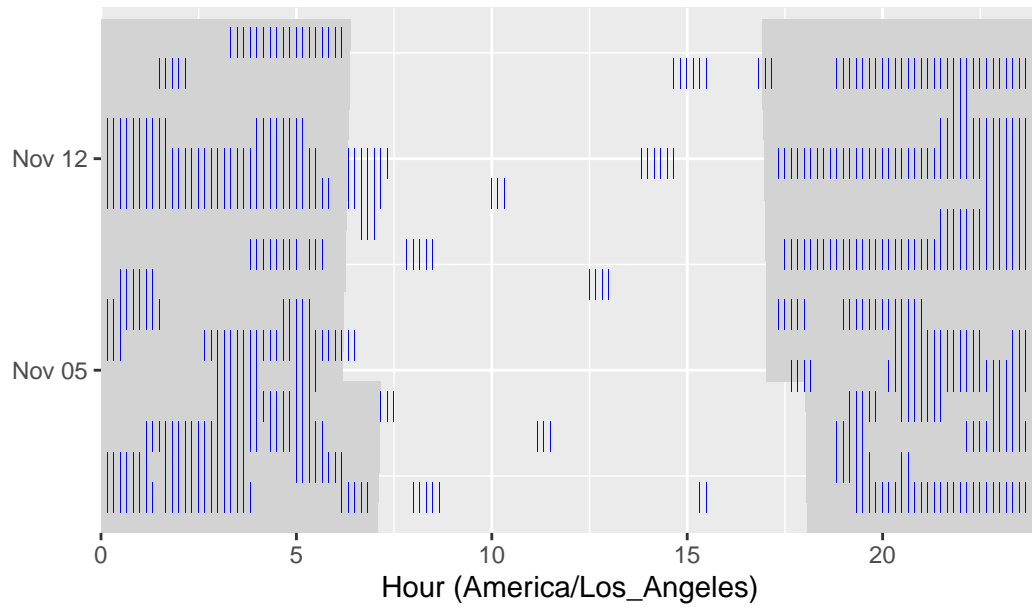


[[4]]



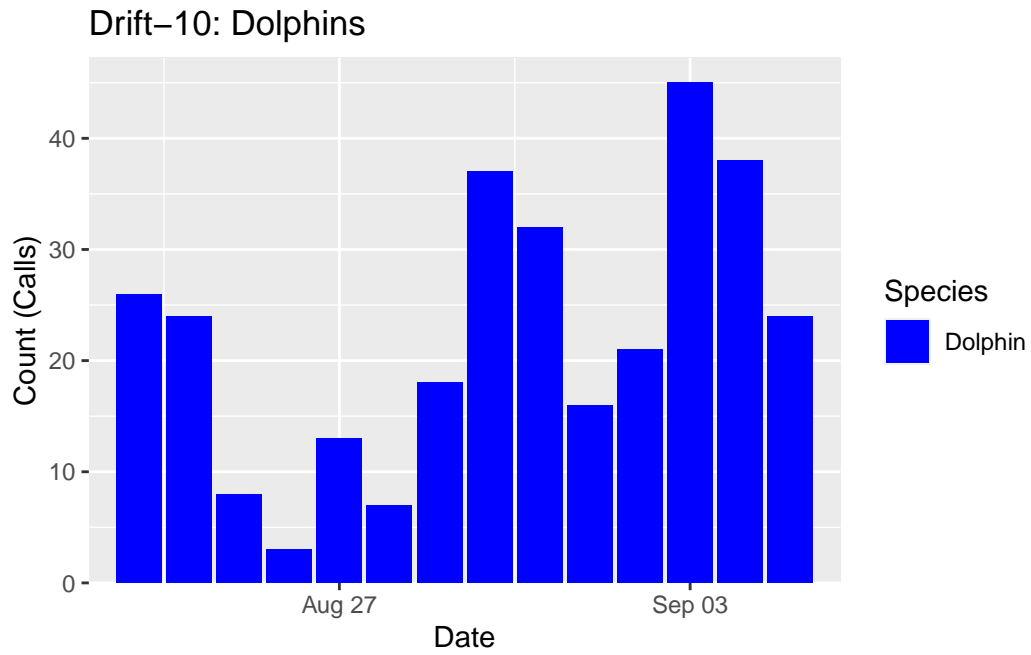
[[5]]

Drift-16: Dolphins

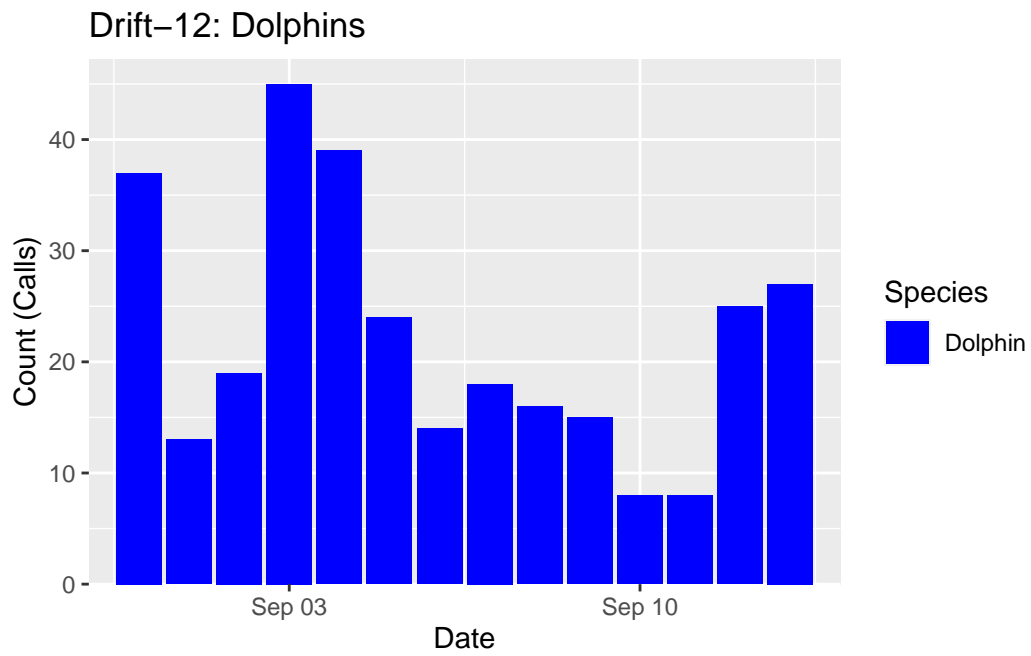


Weekly Plot

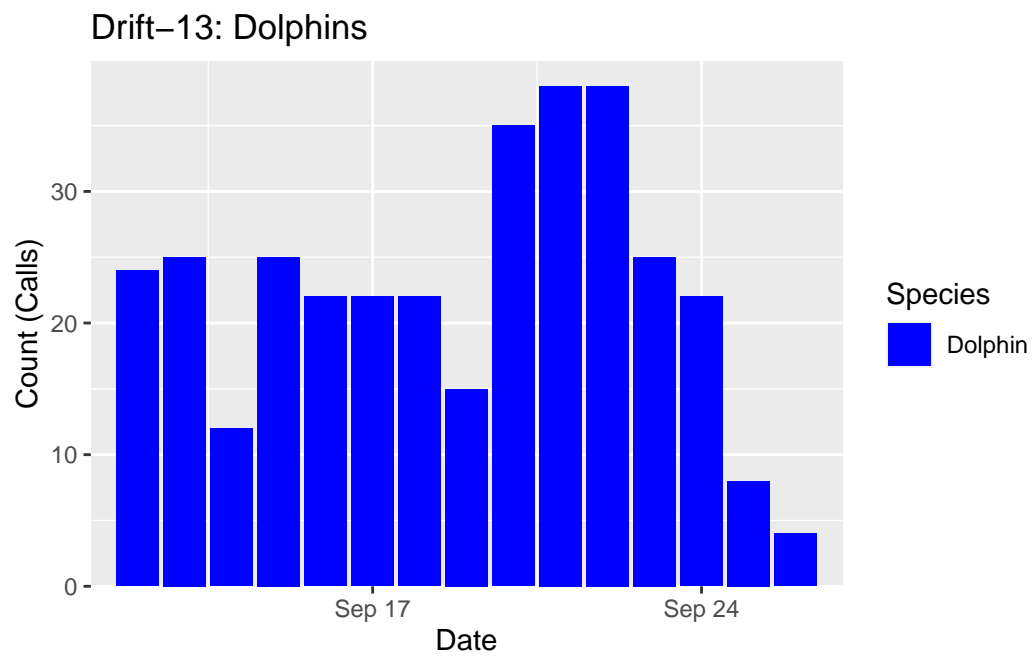
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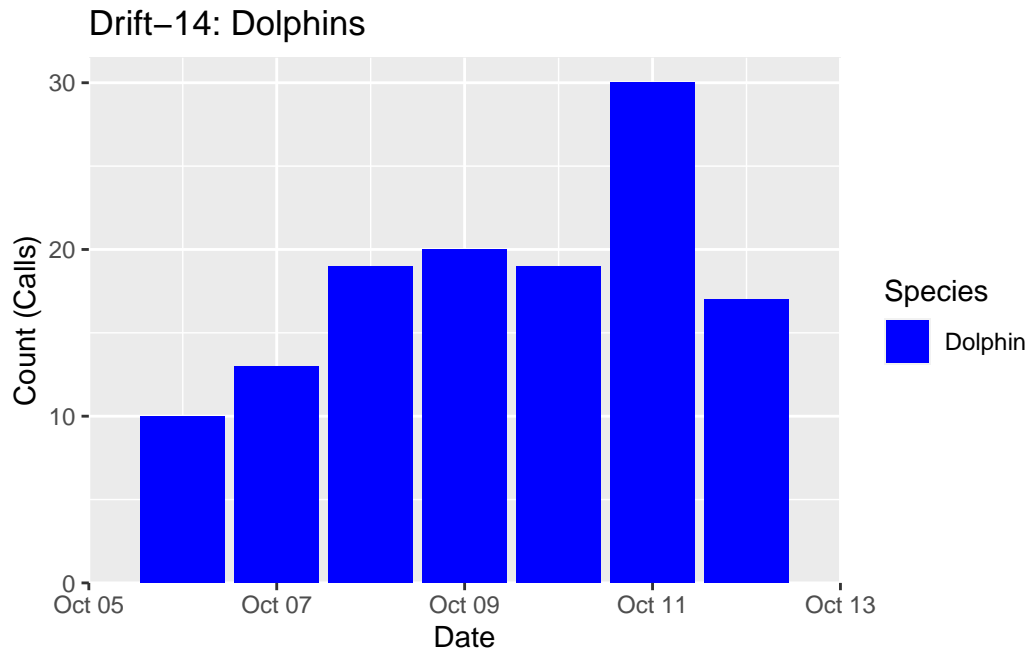
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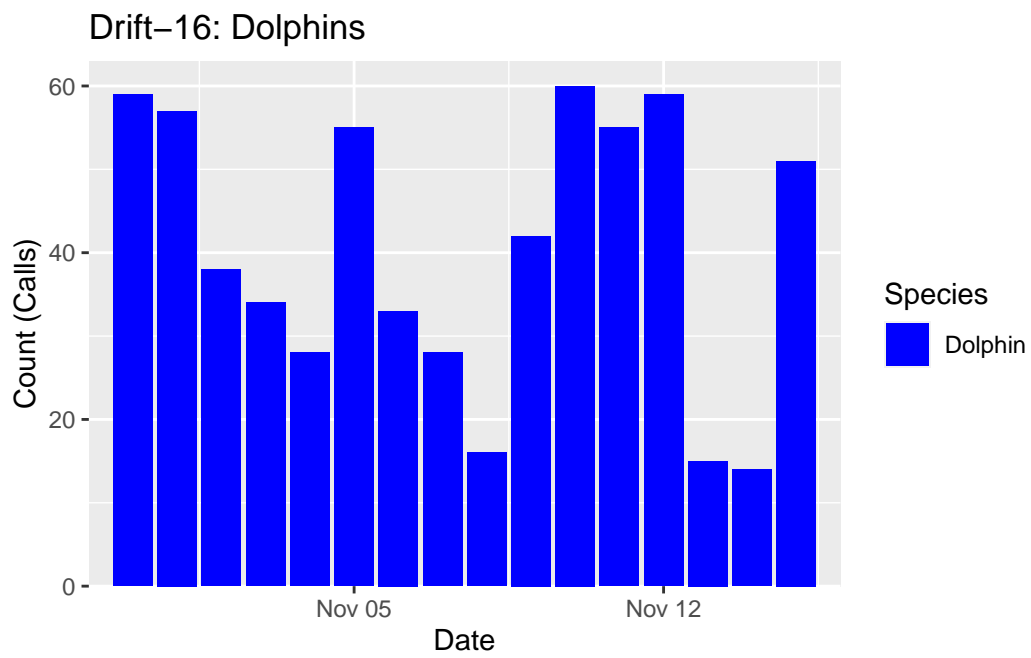
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[[4]]

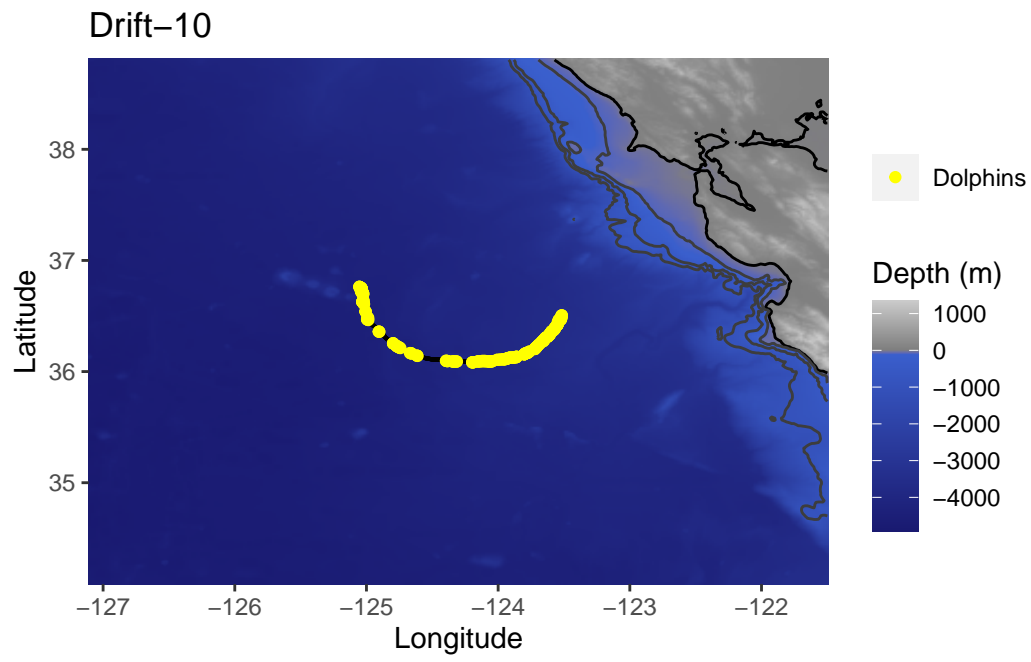


[[5]]

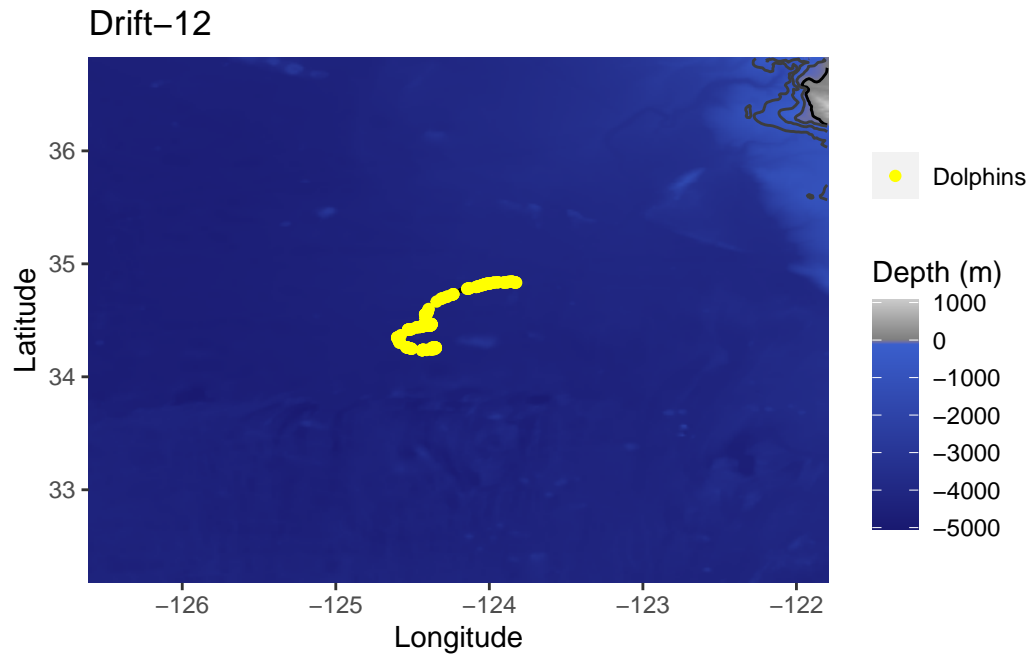


Map

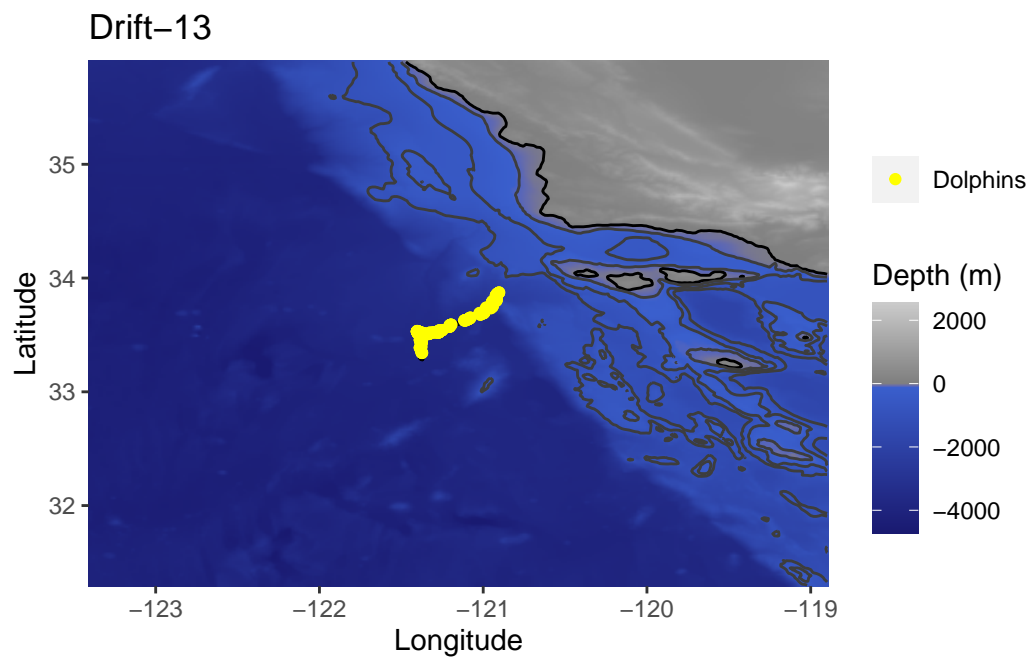
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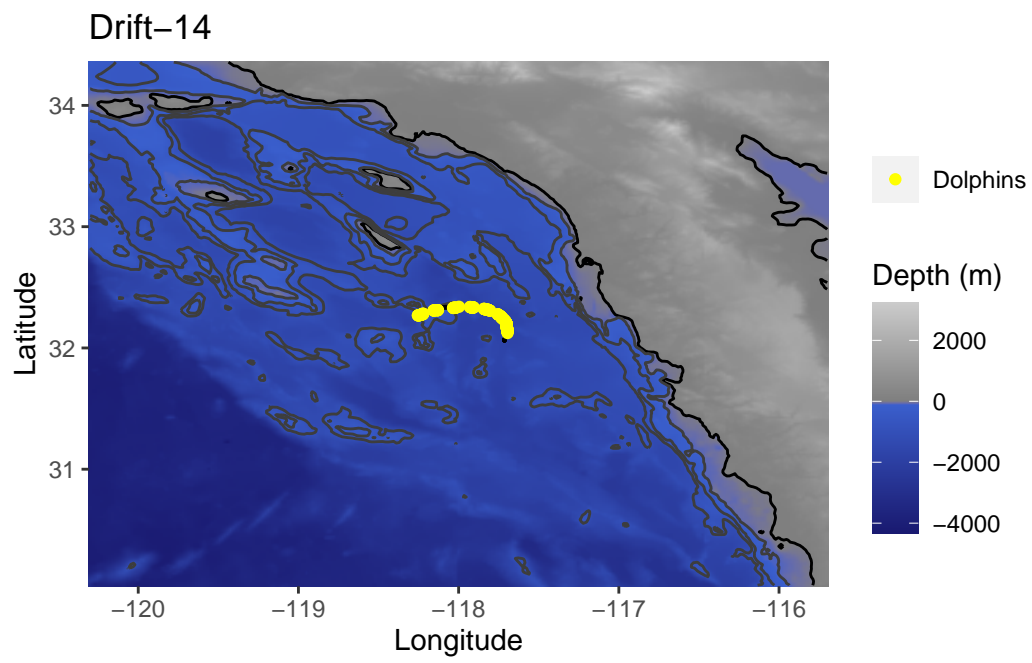
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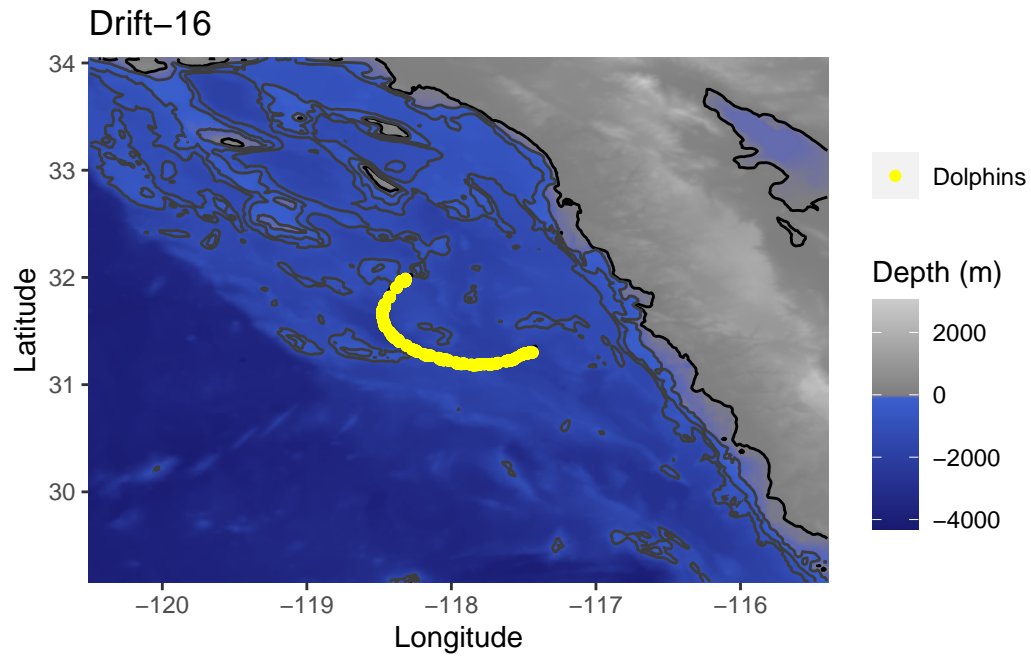
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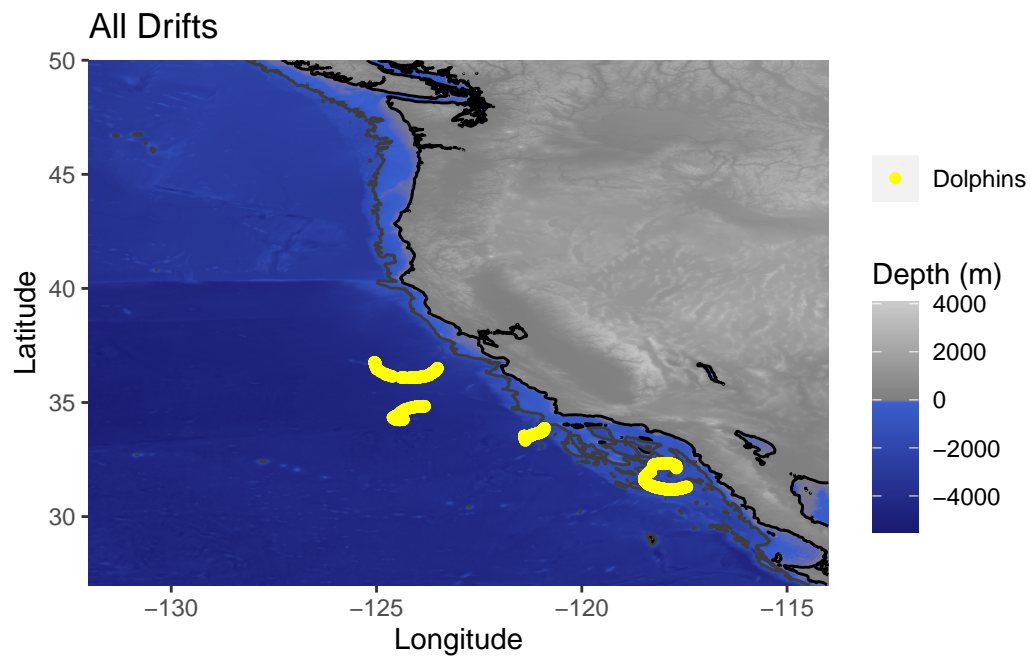
[[4]]



[[5]]



Map of all drifts



Drift Timeseries

