

Dolphin_Visualization

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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 (no detections on 16? no log on 20).

Combine Logs

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

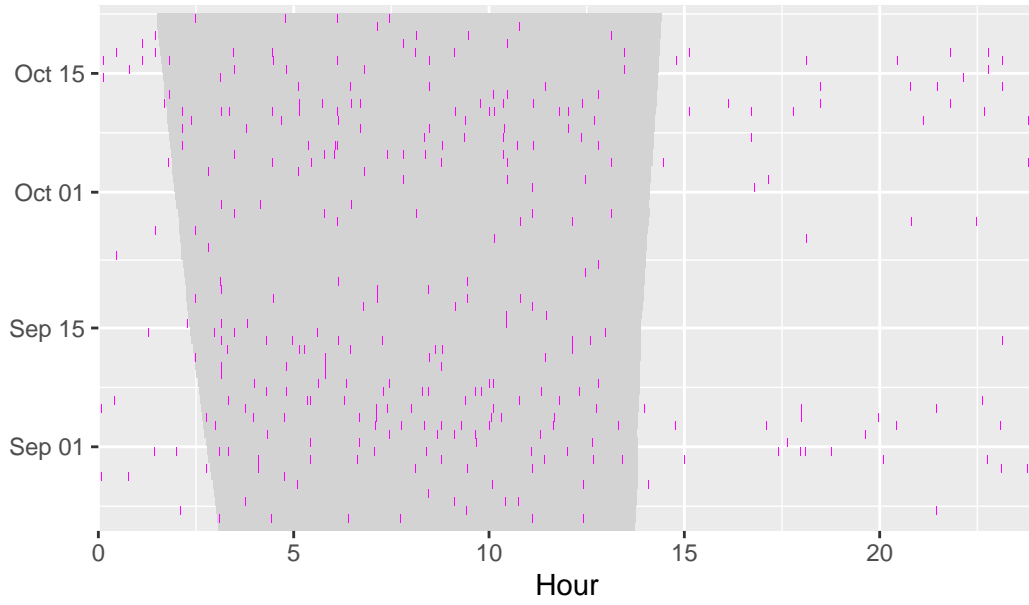
Plots

Diel Plot

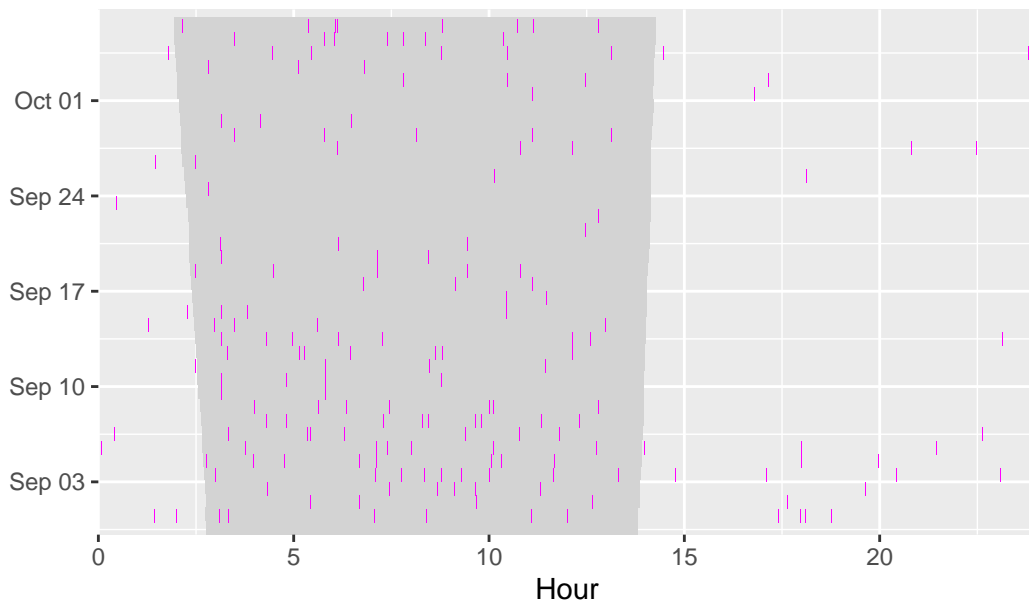
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#Define Figure Options

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figtitle12<-'Drift 12'
figtitle13<-'Drift 13'
figtitle14<-'Drift 14'
figtitle16<-'Drift 16'
figtitle20<-'Drift 20'
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ShipColor = 'orange'
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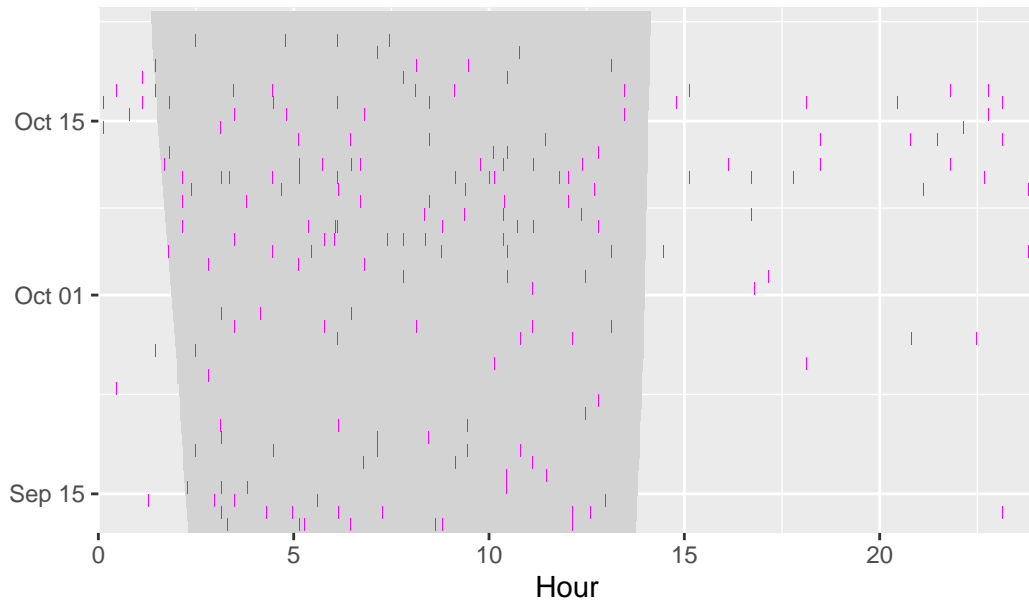
Drift 10: Dolphins



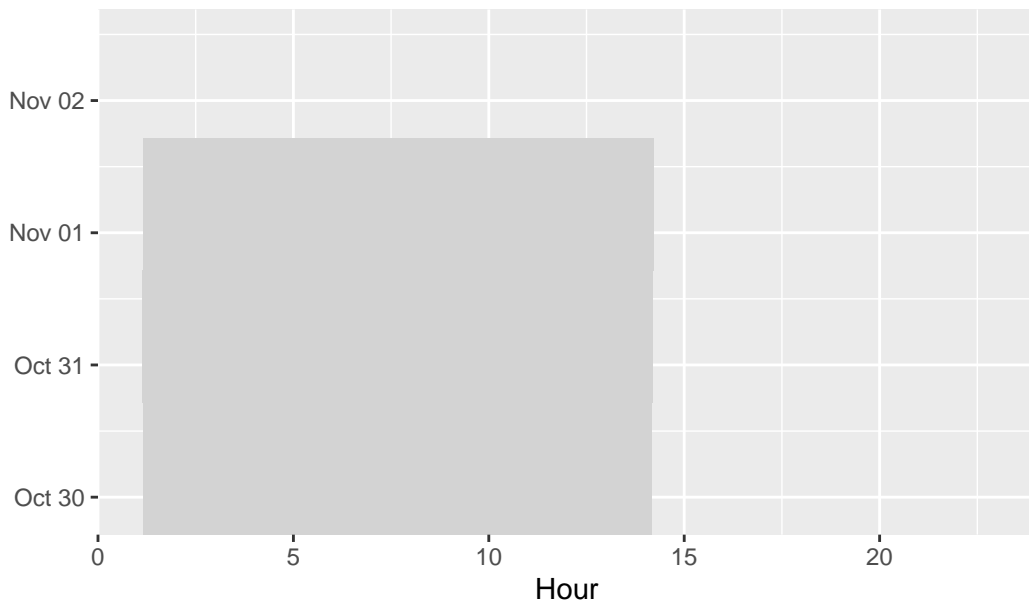
Drift 12: Dolphins



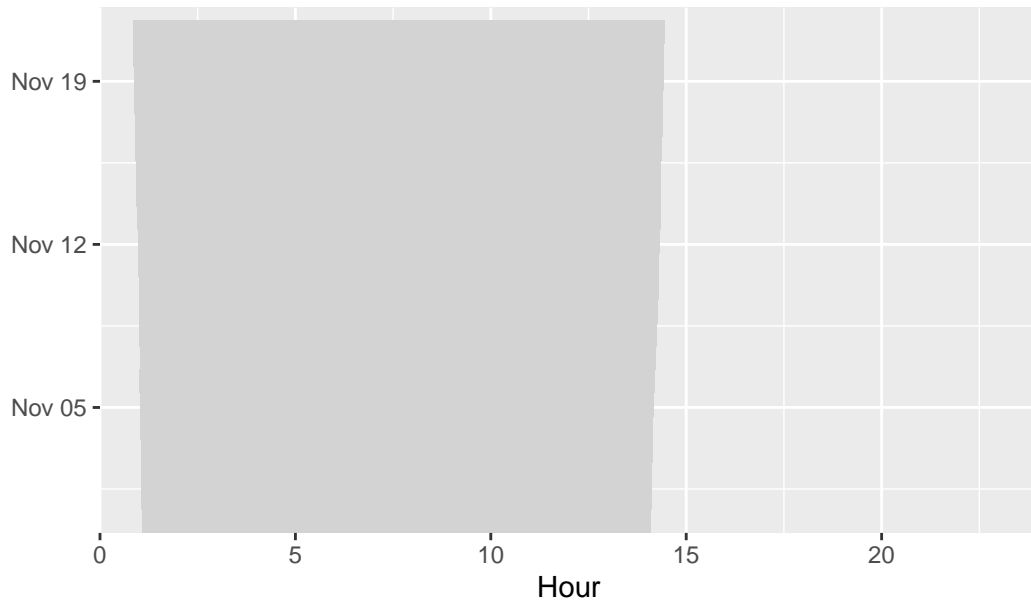
Drift 13: Dolphins



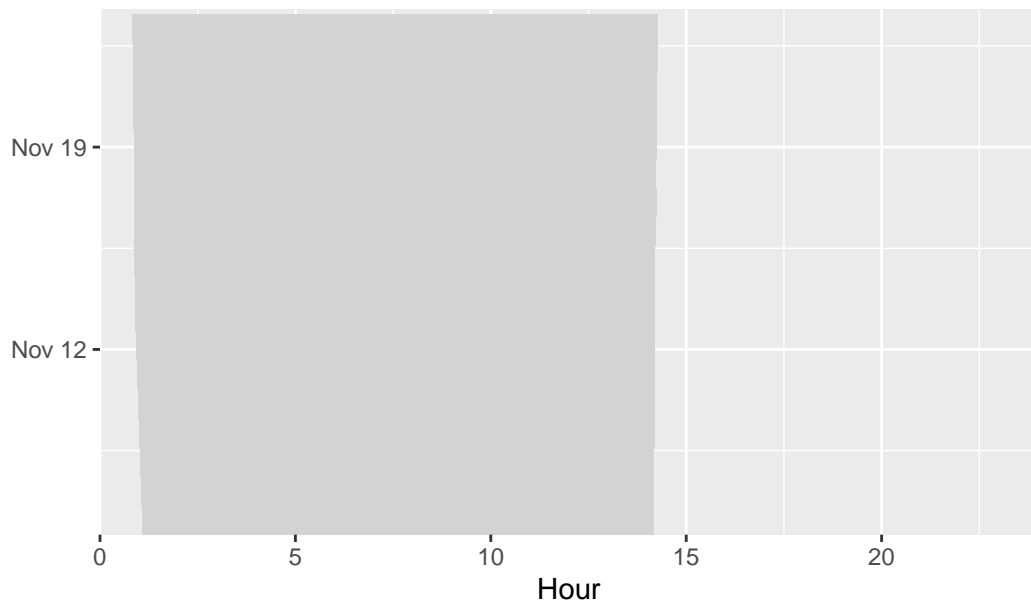
Drift 14: Dolphins



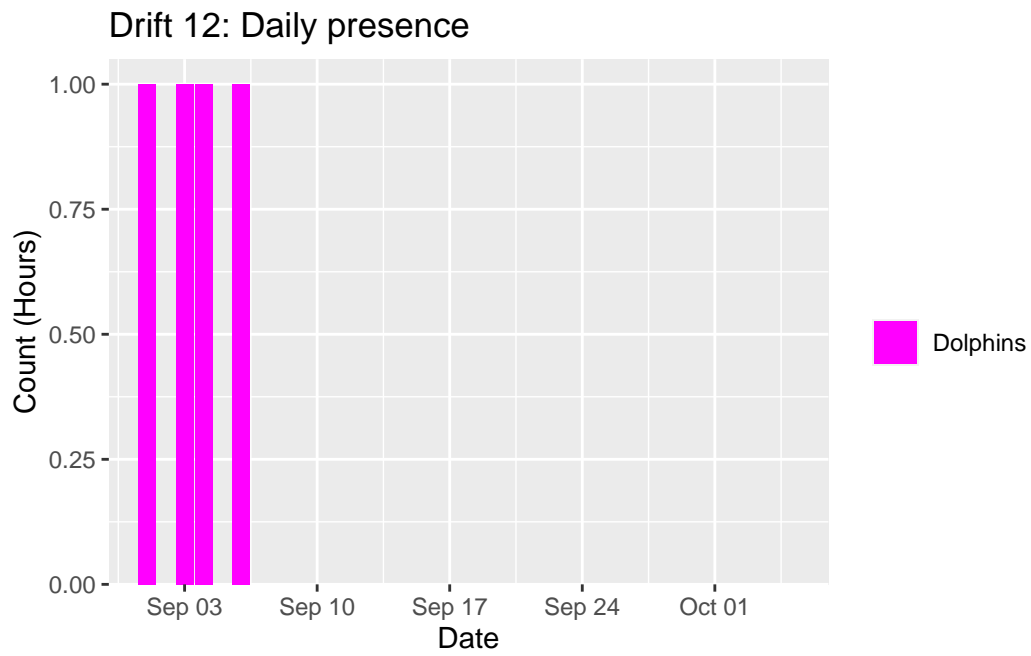
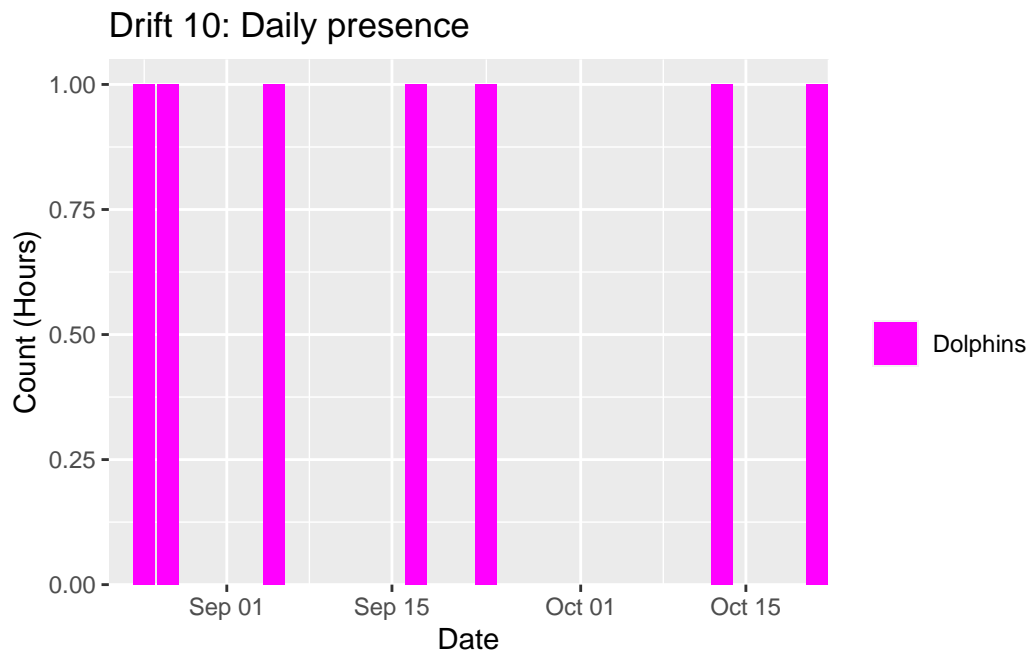
Drift 16: Dolphins



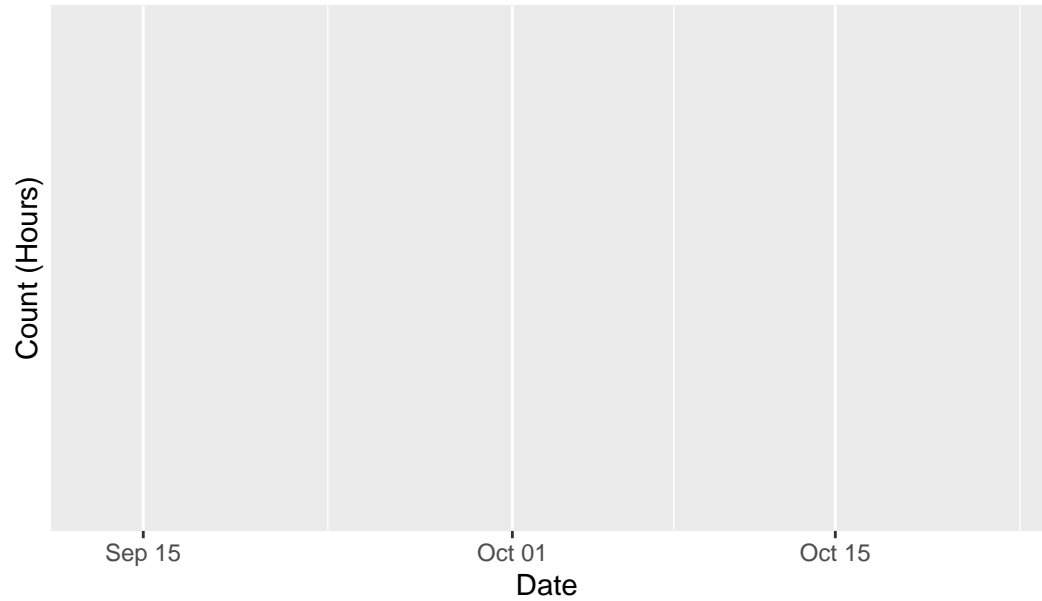
Drift 20: Dolphins



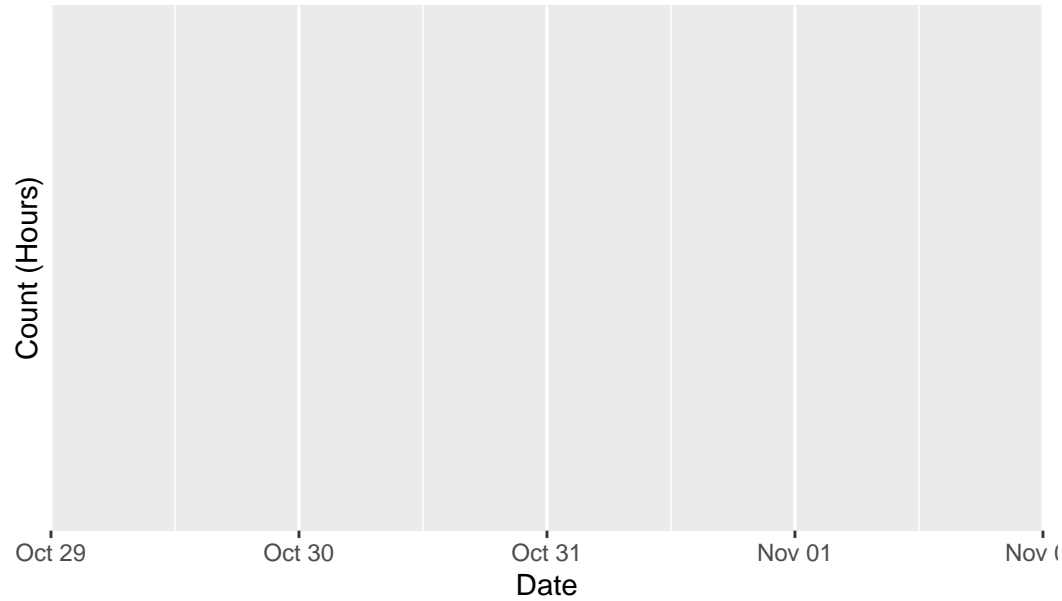
Weekly Plot



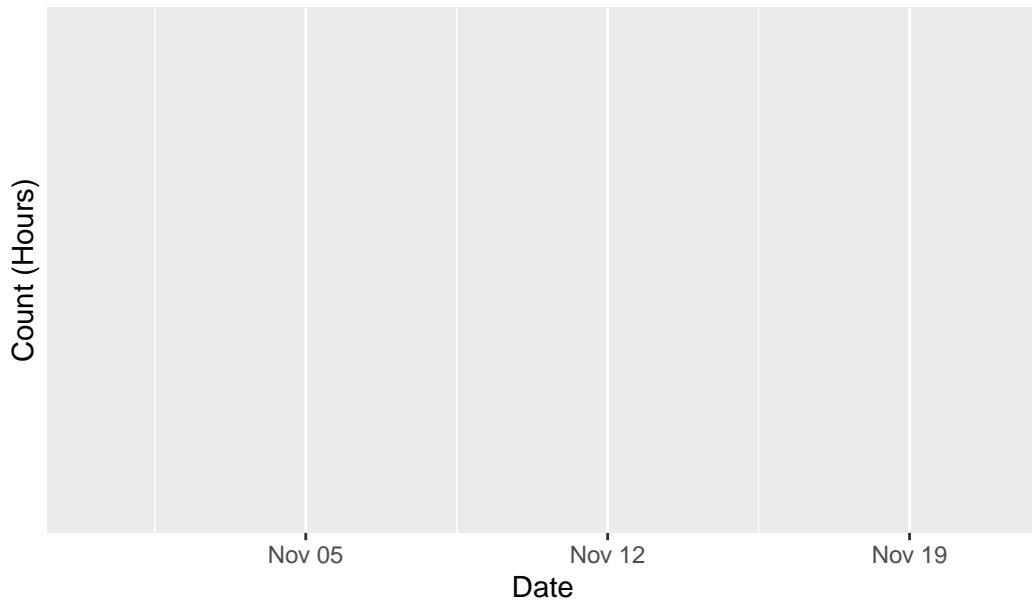
Drift 13: Daily presence



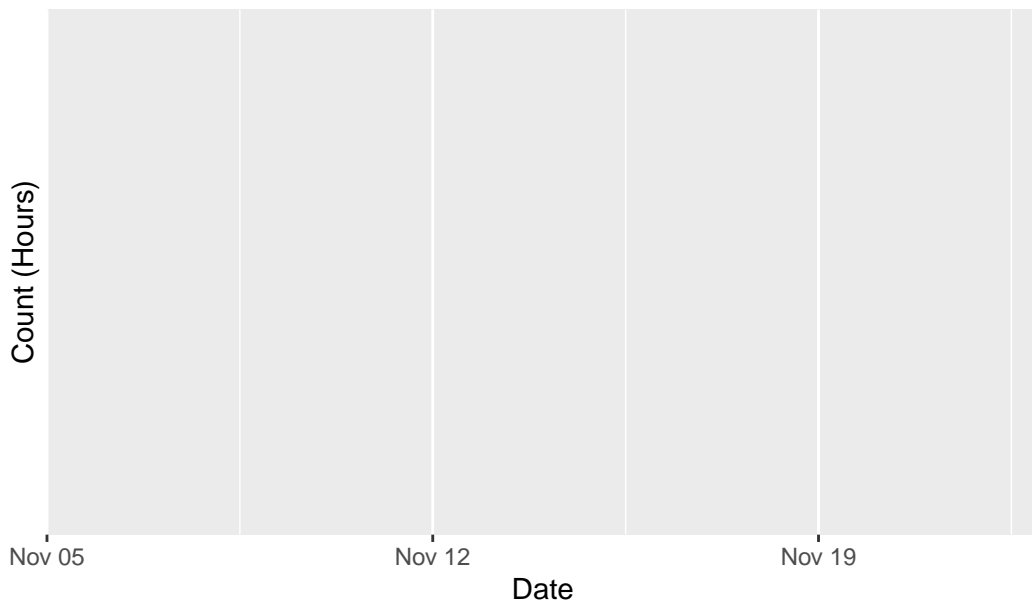
Drift 14: Daily presence



Drift 16: Daily presence

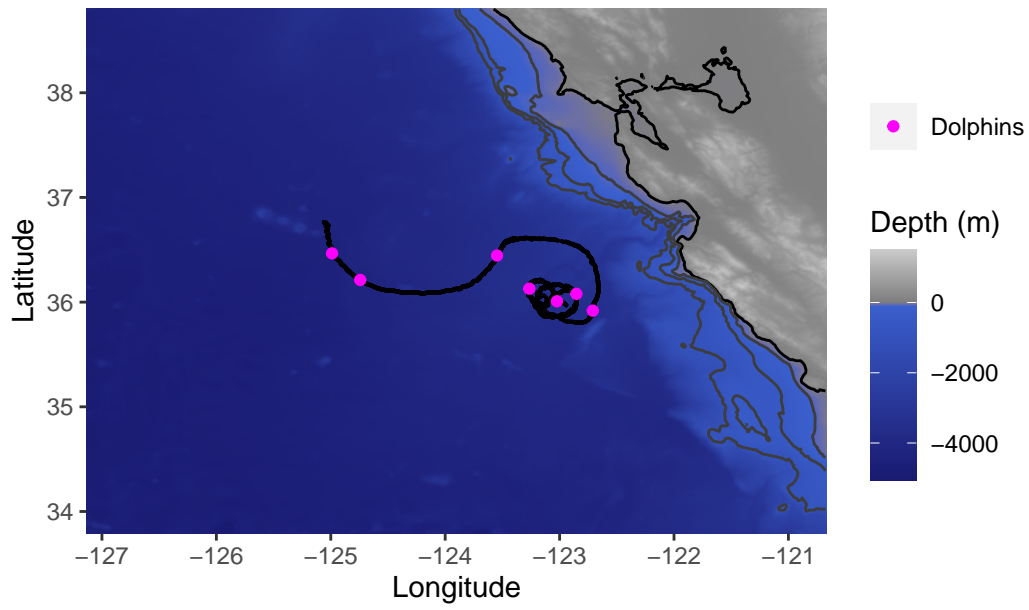


Drift 20: Daily presence

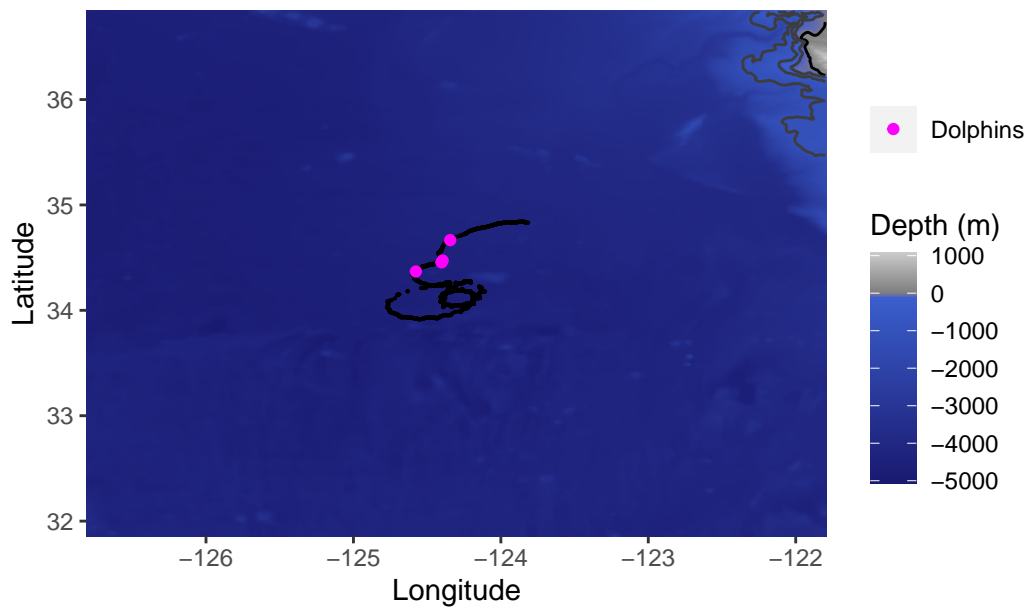


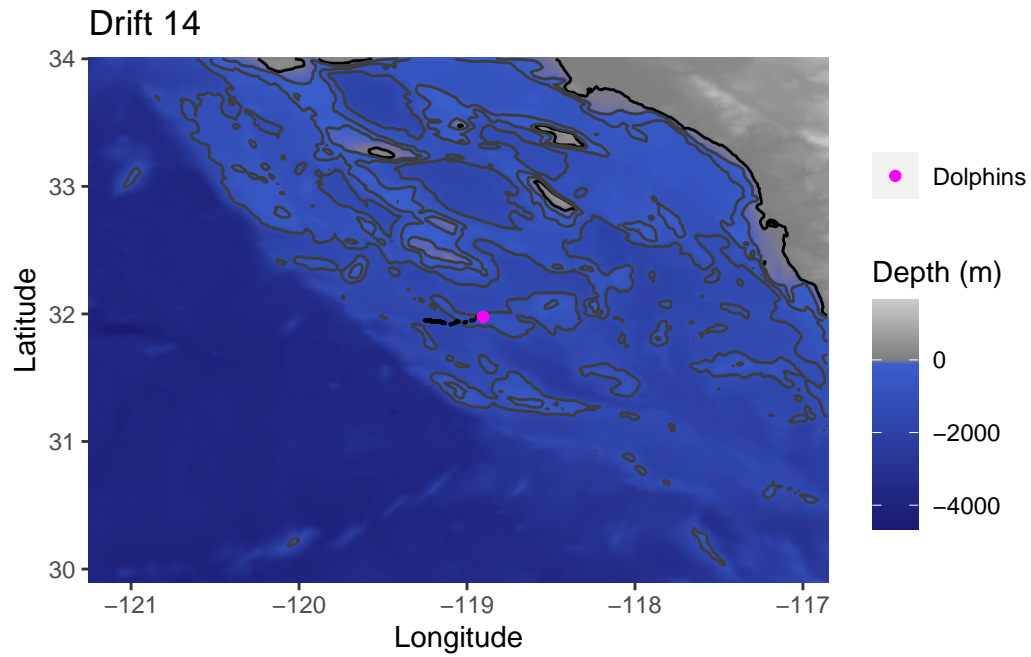
Map

Drift 10



Drift 12





Map of all drifts

