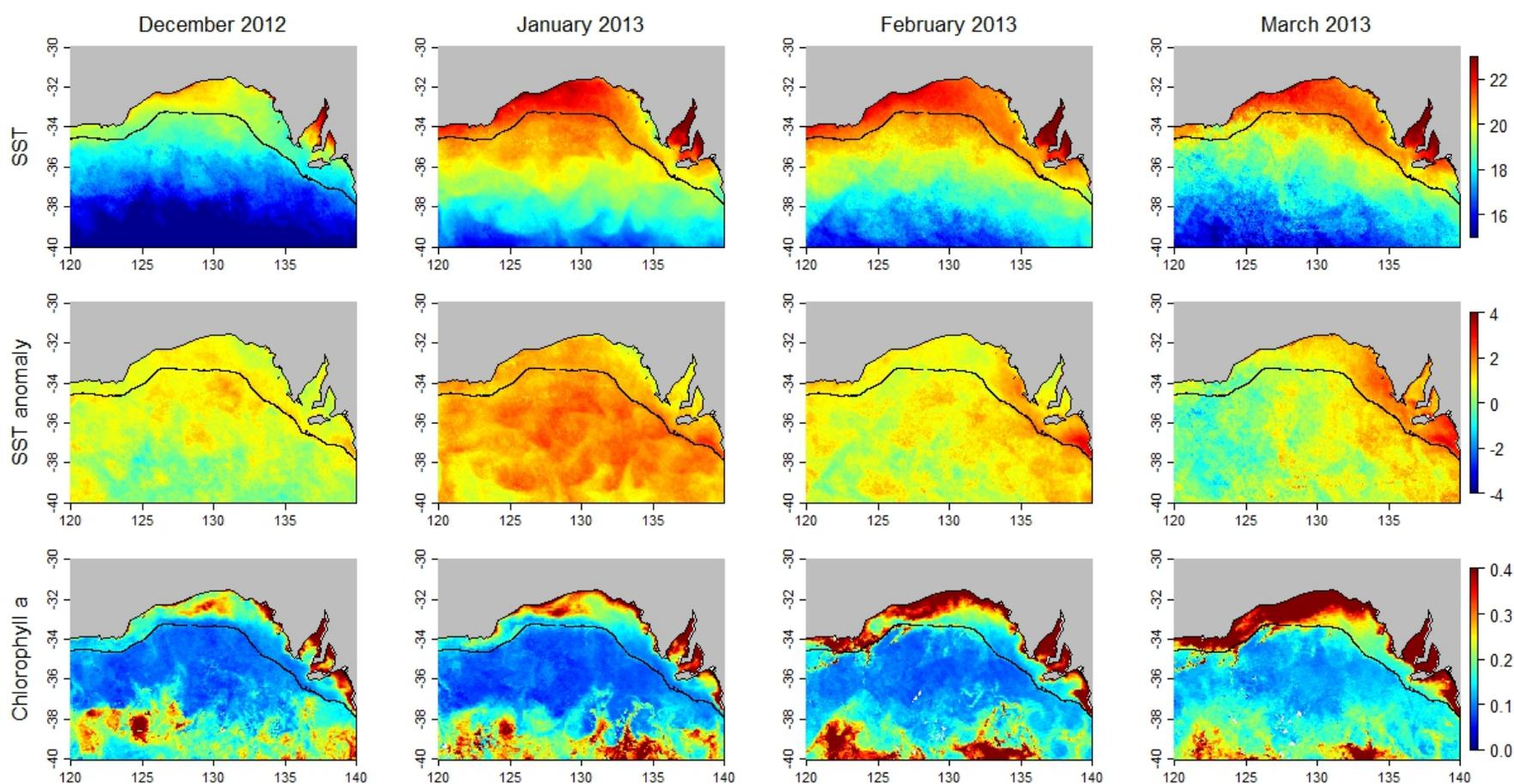


Case study: season 2013

(a) Observed conditions in December through March.

The top row shows the average SST in each month (°C), the second row shows the SST anomaly compared to the average SST for that month over the period 1994-2013 (°C), and the third row shows the average chlorophyll a in each month (mg/m³).



(b) Forecasted SST and corresponding habitat preference maps for December through March.

Forecasts shown are for 2 months, 1 month and 10 days in advance of the 1st day of the month being forecasted. Observed SST data are shown in the final column for comparison. The habitat preference maps include the aerial survey sightings data for the month being forecasted (pink circles, diameter proportional to biomass of sighting); the dashed line indicates the survey area. Recall that in the preference maps, values > 1 indicate preferred habitat.

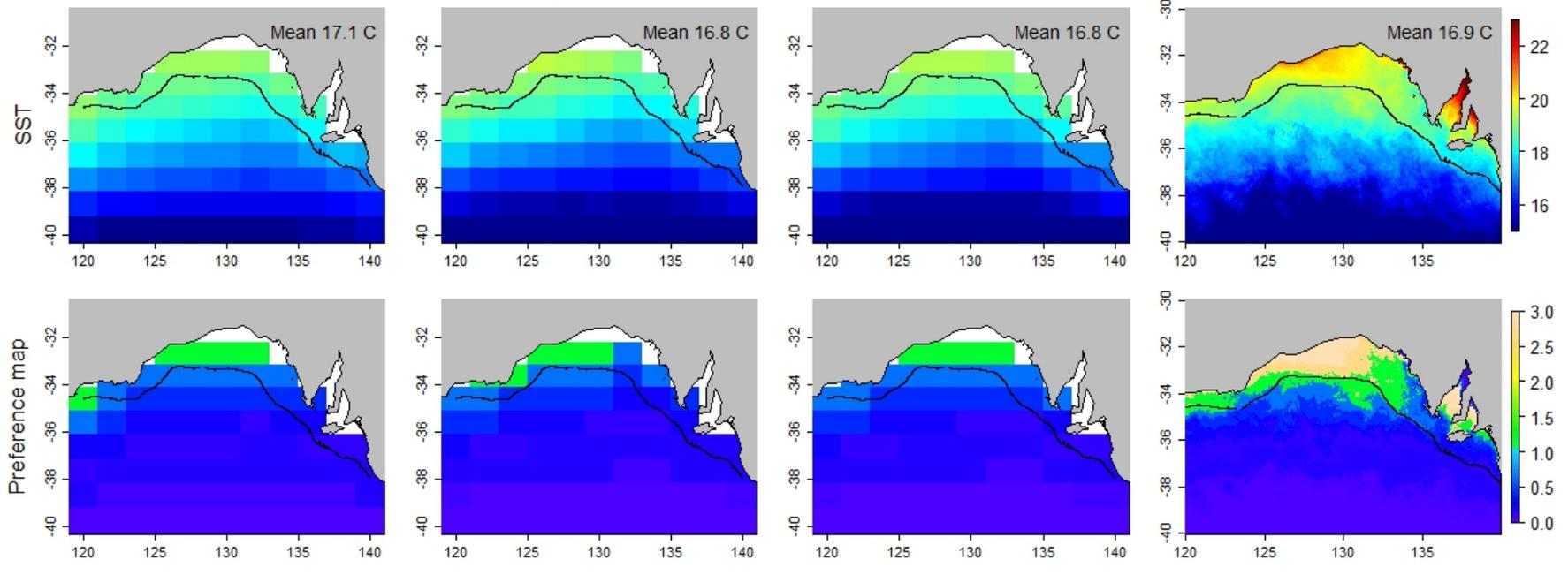
December

December 2012 FORECAST
Issued 01 Oct 2012

December 2012 FORECAST
Issued 01 Nov 2012

December 2012 FORECAST
Issued 21 Nov 2012

December 2012 OBSERVED



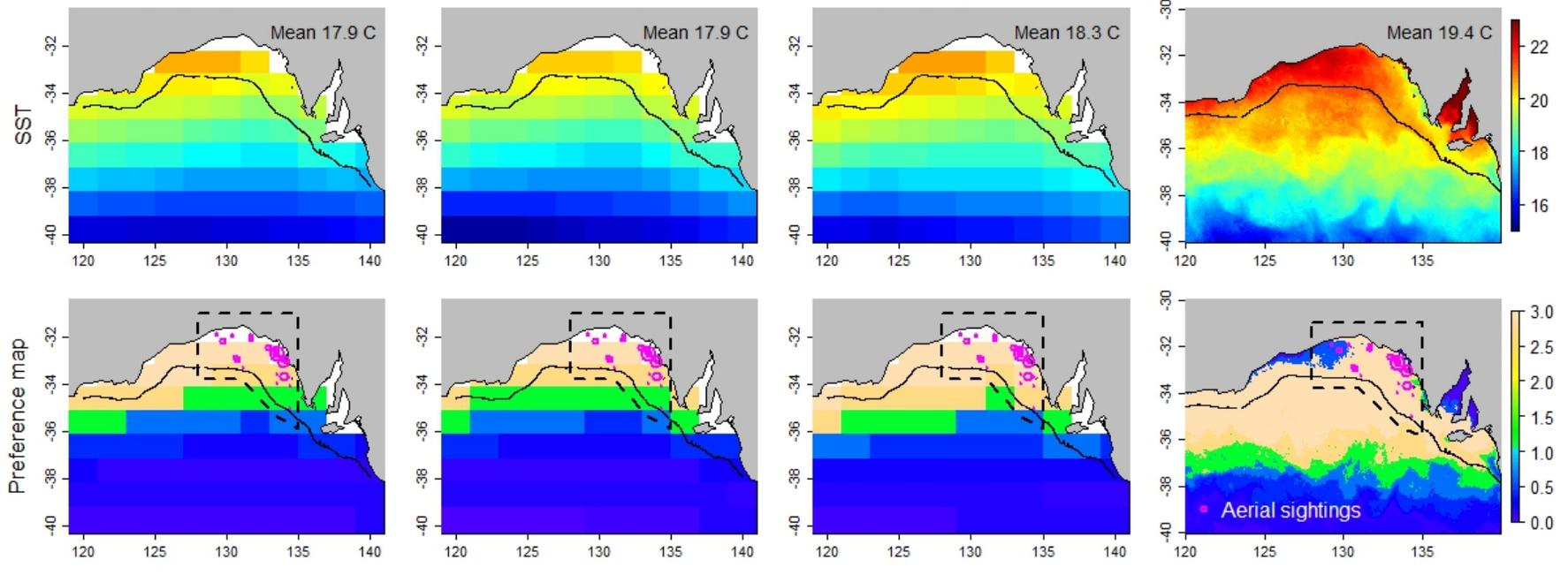
January

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Issued 01 Nov 2012

January 2013 FORECAST
Issued 01 Dec 2012

January 2013 FORECAST
Issued 21 Dec 2012

January 2013 OBSERVED



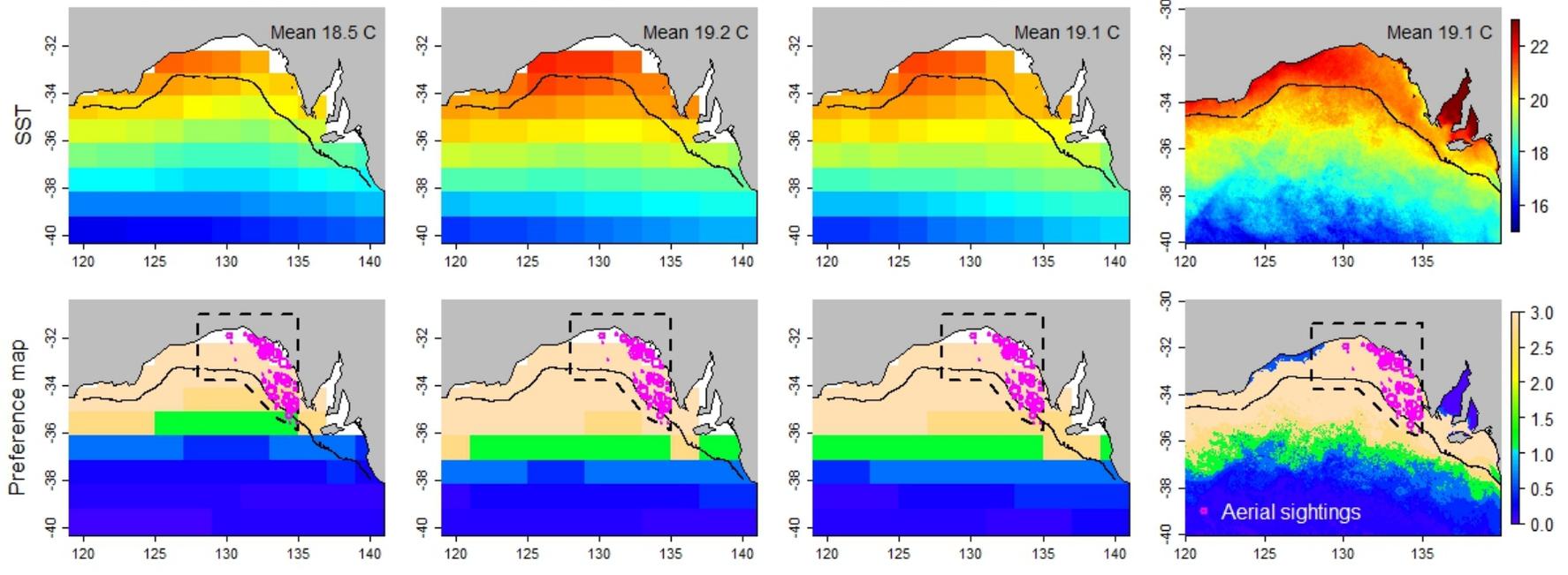
February

February 2013 FORECAST
Issued 01 Dec 2012

February 2013 FORECAST
Issued 01 Jan 2013

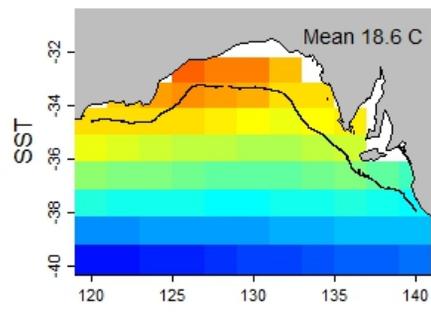
February 2013 FORECAST
Issued 21 Jan 2013

February 2013 OBSERVED

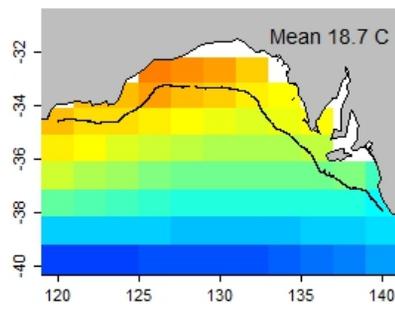


March

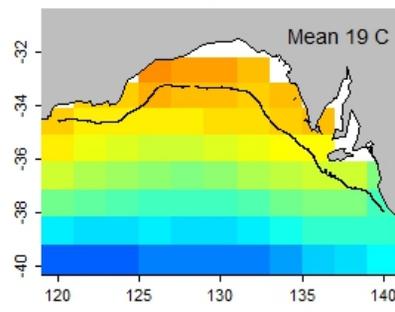
March 2013 FORECAST
Issued 01 Jan 2013



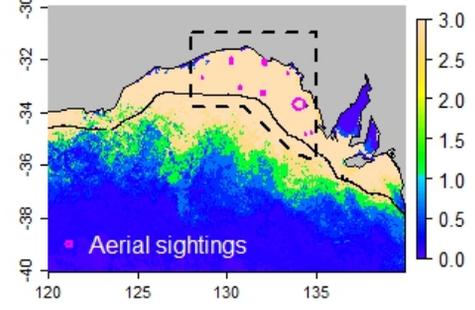
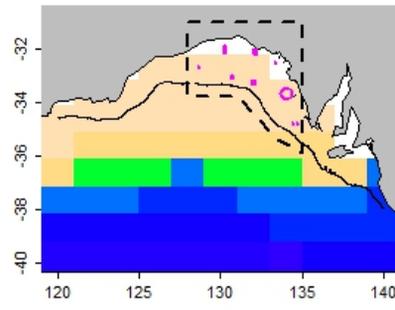
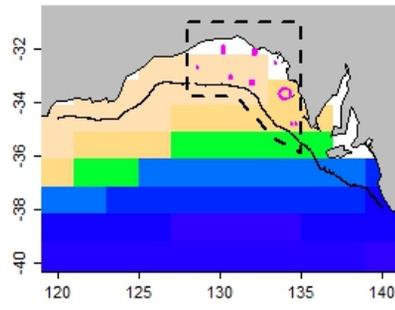
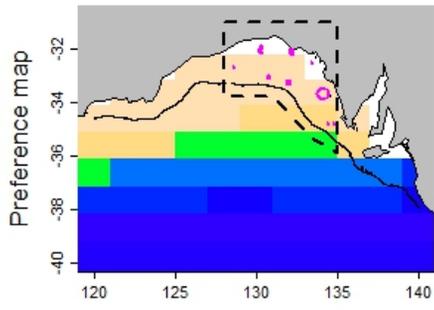
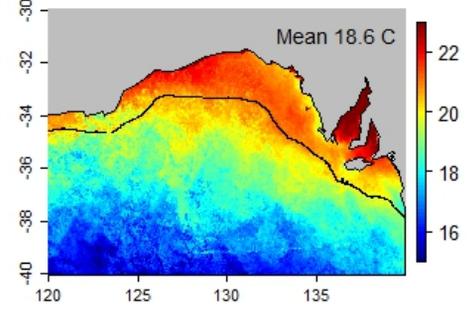
March 2013 FORECAST
Issued 01 Feb 2013



March 2013 FORECAST
Issued 21 Feb 2013



March 2013 OBSERVED



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