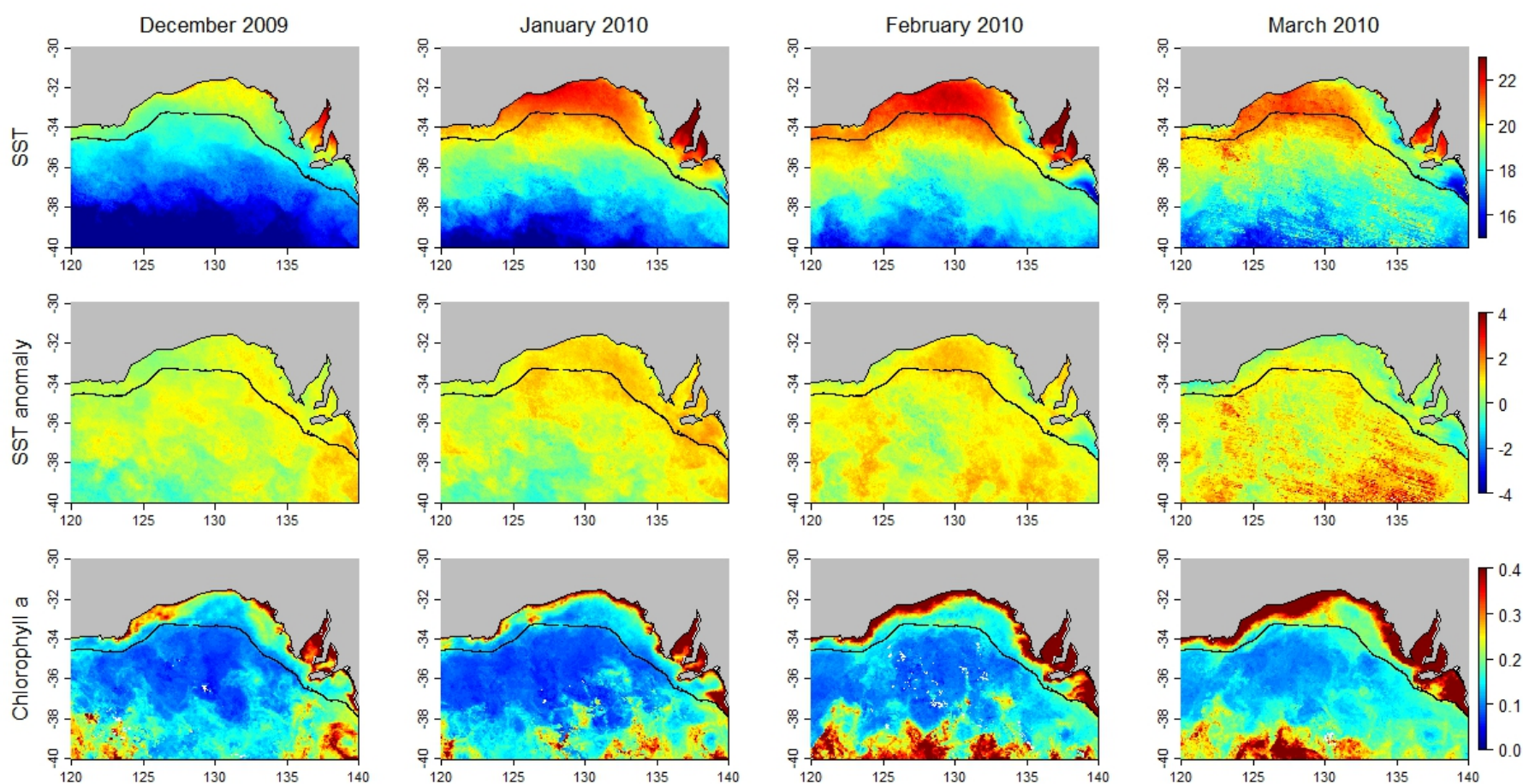


Case study: season 2010

(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.

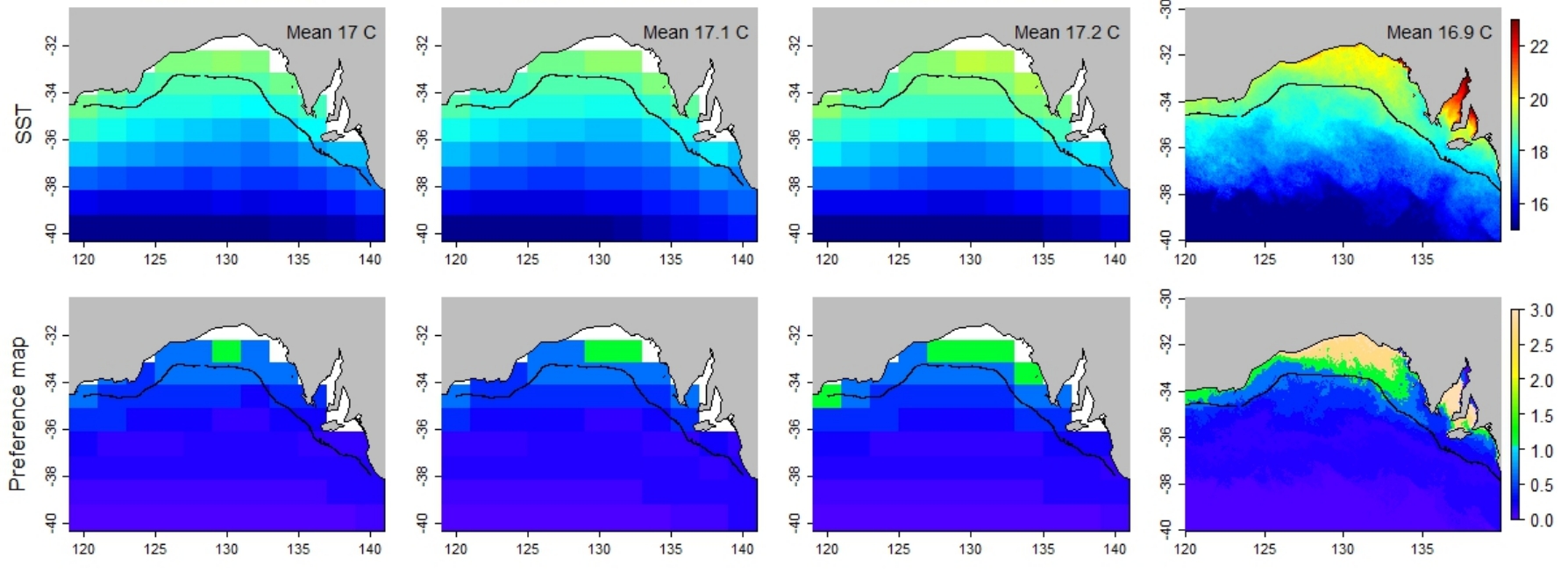
Forecasts shown are for 2 months, 1 month and 10 days in advance of the 1st day of the month being forecasted. Observed SST data are shown in the final column for comparison. The habitat preference maps include the aerial survey sightings data for the month being forecasted (pink circles, diameter proportional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

December 2009 FORECAST
Issued 01 Oct 2009

December 2009 FORECAST
Issued 01 Nov 2009

December 2009 FORECAST
Issued 21 Nov 2009

December 2009 OBSERVED



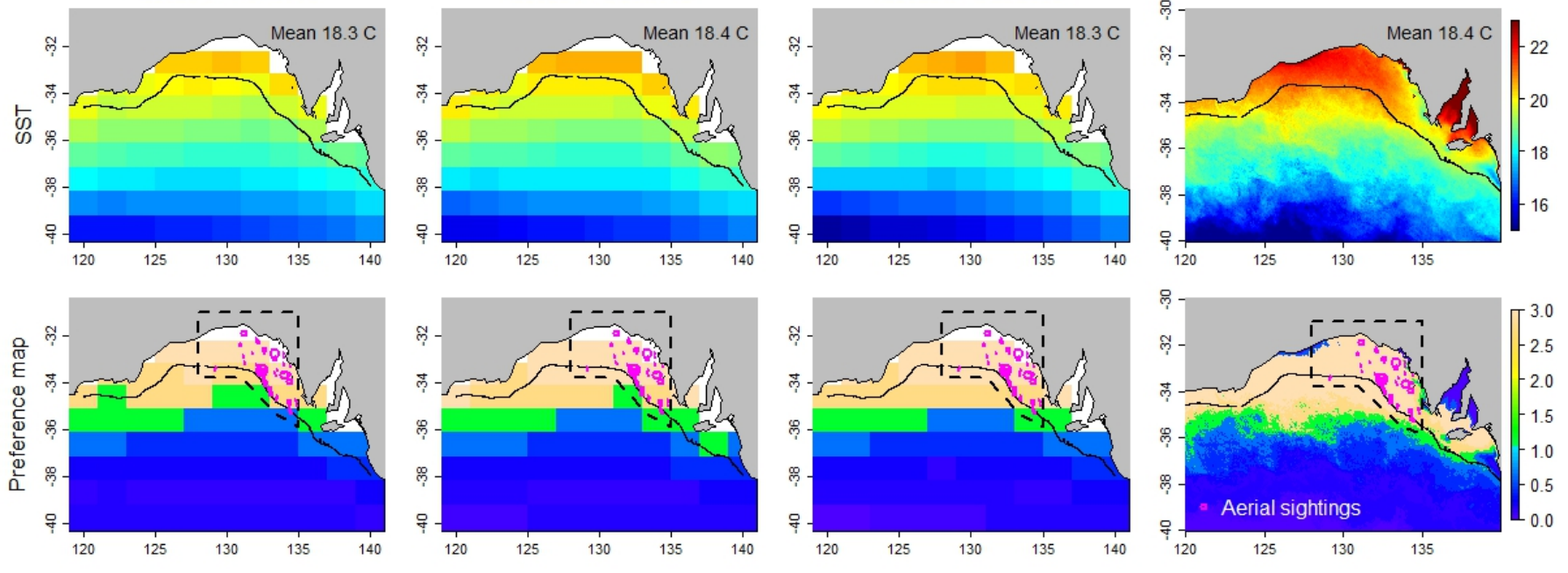
January

January 2010 FORECAST
Issued 01 Nov 2009

January 2010 FORECAST
Issued 01 Dec 2009

January 2010 FORECAST
Issued 21 Dec 2009

January 2010 OBSERVED



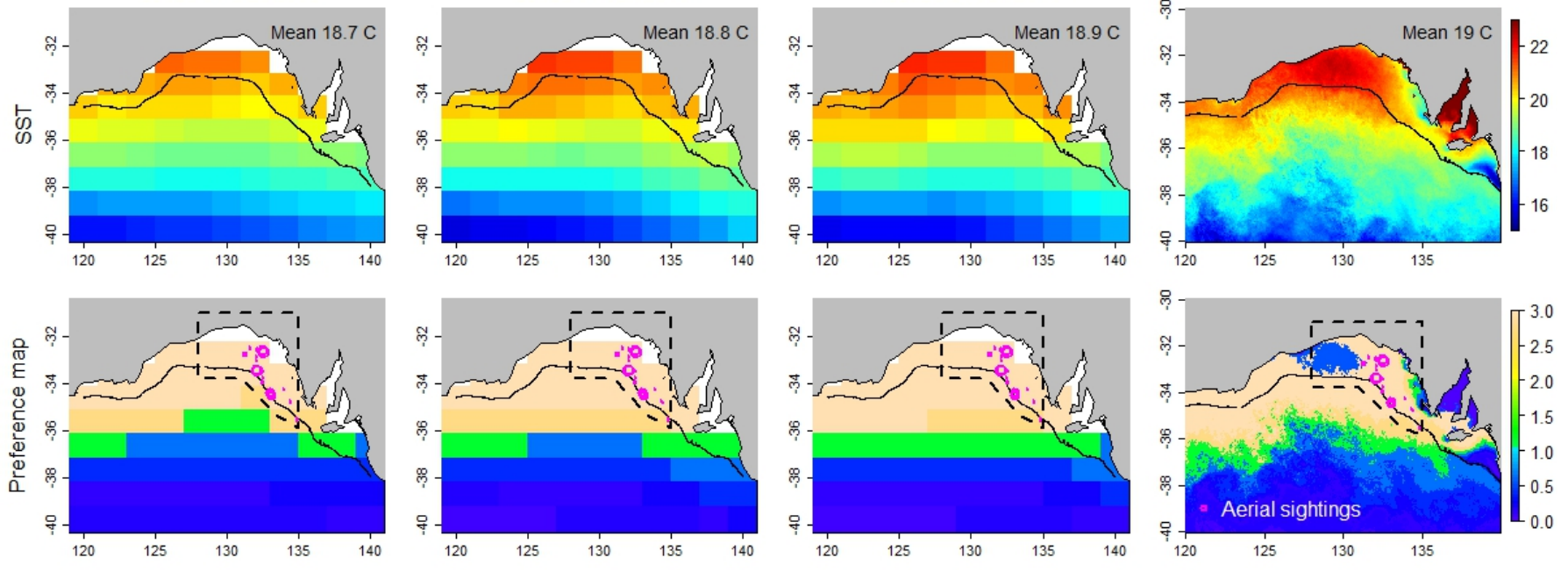
February

February 2010 FORECAST
Issued 01 Dec 2009

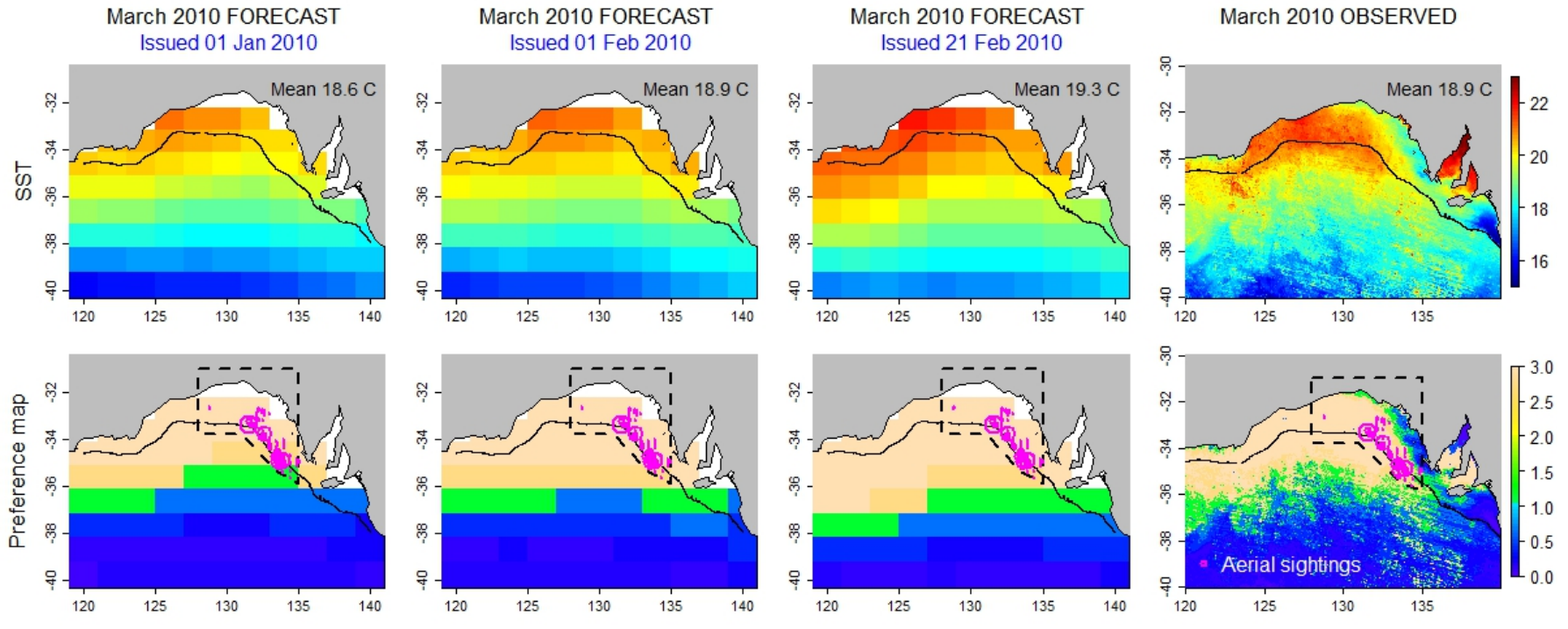
February 2010 FORECAST
Issued 01 Jan 2010

February 2010 FORECAST
Issued 21 Jan 2010

February 2010 OBSERVED



March



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