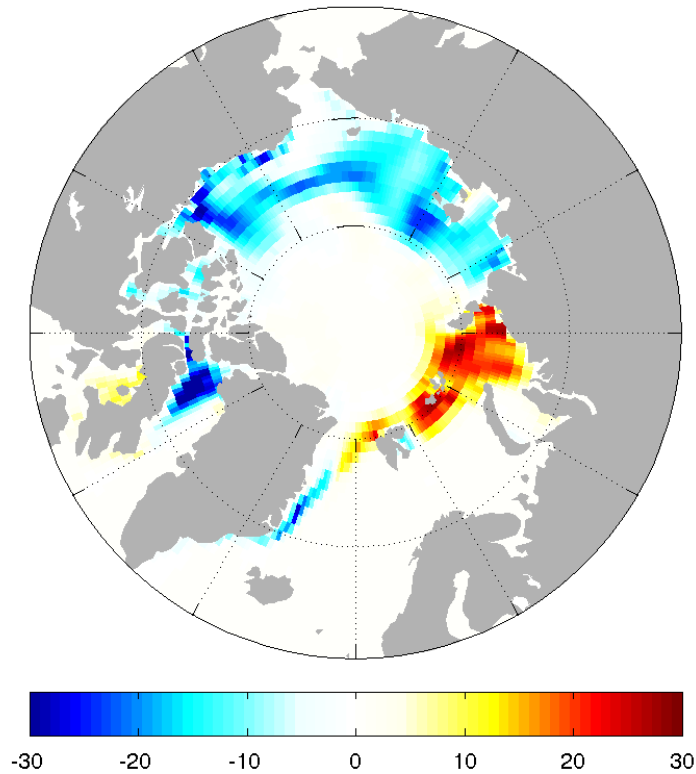


Compilation of Spatial Maps
June Sea Ice Outlook Report
www.arcus.org/sipn/sea-ice-outlook/2014/june

The images below were extracted from four individual pan-arctic Outlook contributions and combined in this PDF for easy browsing. The complete individual Outlook reports can be found in the “Individual Outlook PDFs” section of the full SIO report.

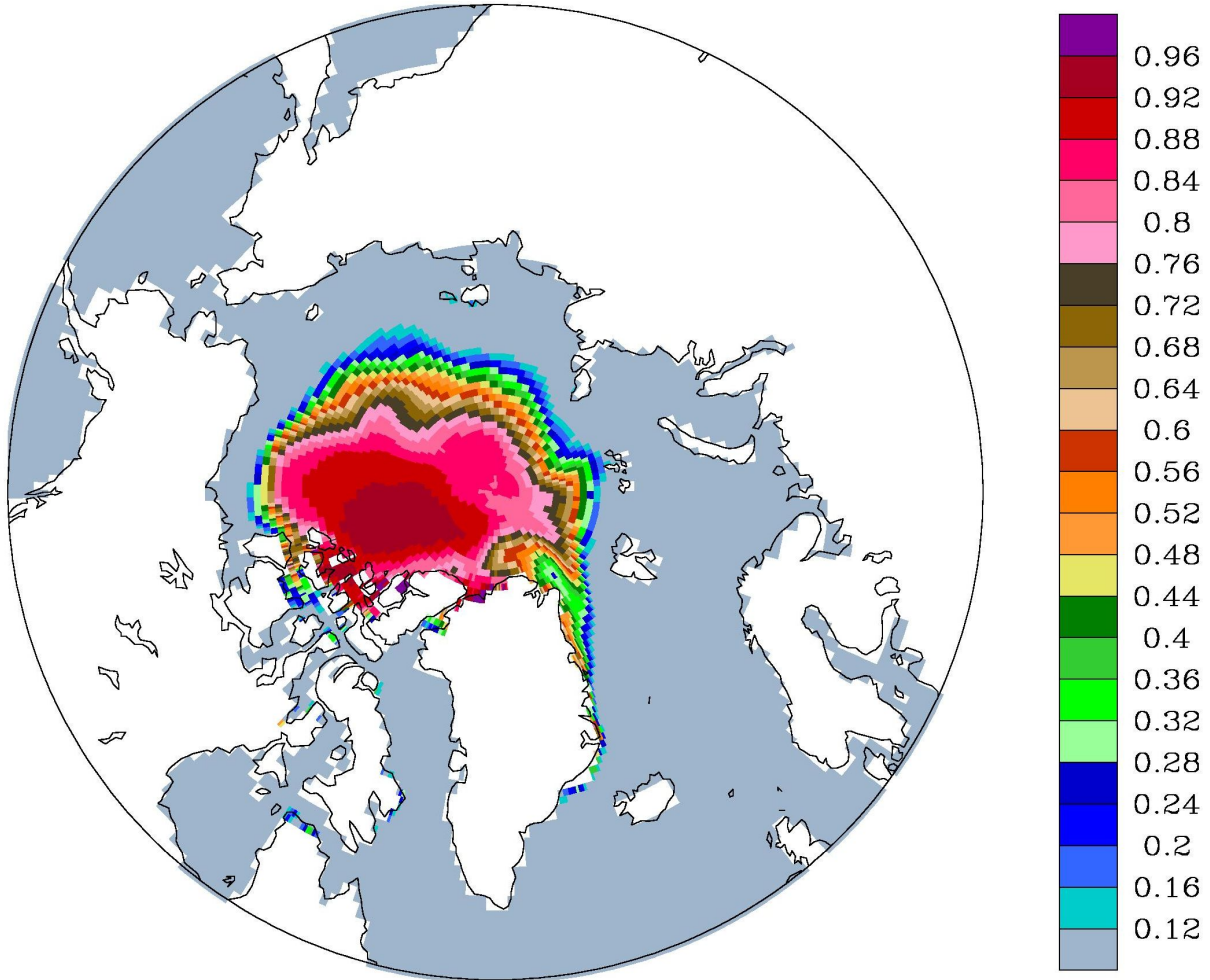
From Blanchard-Wrigglesworth et al.:

Expected concentration anomalies (%) from linear forecast (climo)



18 June 2014

From NASA/GMAO Cullather et al.:



From Naval Research Lab/Posey et al:

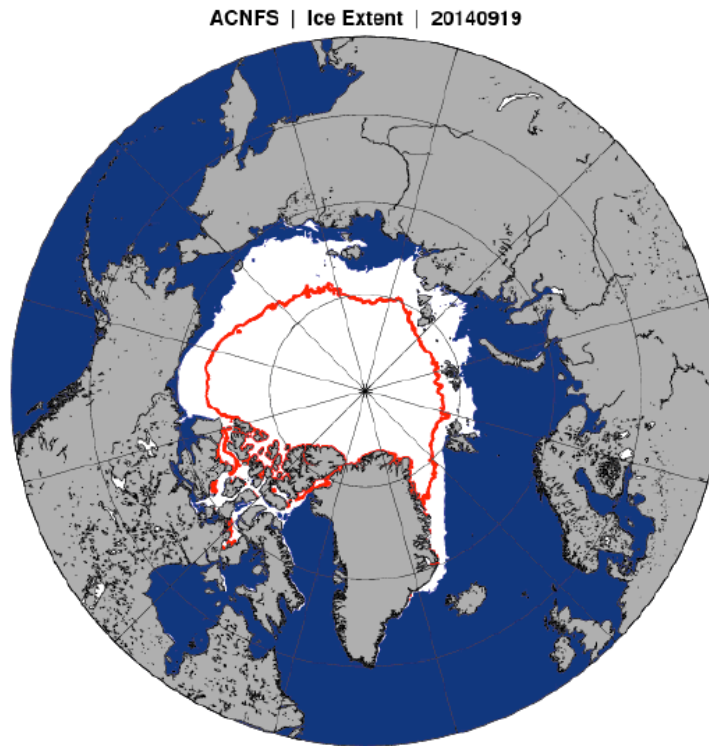


Figure 4: Spatial forecast map from the ACNFS ensemble September mean ice extent prediction for 19 Sept 2014. White area indicates ice concentrations > 15% in the unbiased simulation. The red line represents the bias-corrected predicted ice extent of 4.2 Mkm².

From Zhang and Lindsay:

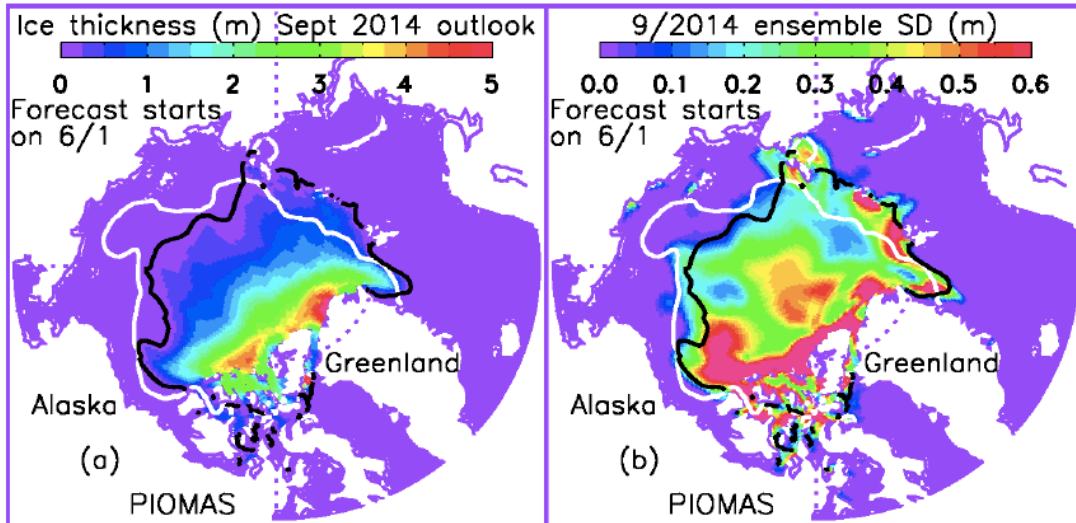


Figure 1. (a) Ensemble median prediction of September 2014 mean sea ice thickness and edge location, and (b) ensemble standard deviation (SD) of ice thickness which shows the uncertainty of the prediction. The white line represents the satellite-observed mean September 2013 ice edge defined as the line of 0.15 ice concentration, while the black line is the model predicted September 2014 ice edge.