

SEA ICE PREDICTION NETWORK (SIPN)
Template for Pan-Arctic Sea Ice Outlook Core Contributions
June 2015 Report

***REQUIRED**

1. *Contributor Name(s)/Group – how you would like your contribution to be labeled in the report (e.g., Wiggins et al.)

Global Weather and Climate Logistics

2. *"Executive summary" about your Outlook contribution (max 300 words)
Say in a few sentences what your Outlook contribution is and why. To the extent possible, use non-technical language.

Our forecast for average September 2015 sea ice extent is 5.54 million sq. km. This is above last year's minimum and considerably above the satellite record minimum, but still below the long-term average.

3. *Type of Outlook projection
___dynamic model __X__statistical ___heuristic ___mixed or other: (specify)

If you use a model, please specify:

Model Name _____

Components of the model: Atmosphere___, Ocean___, Ice___, Land___,

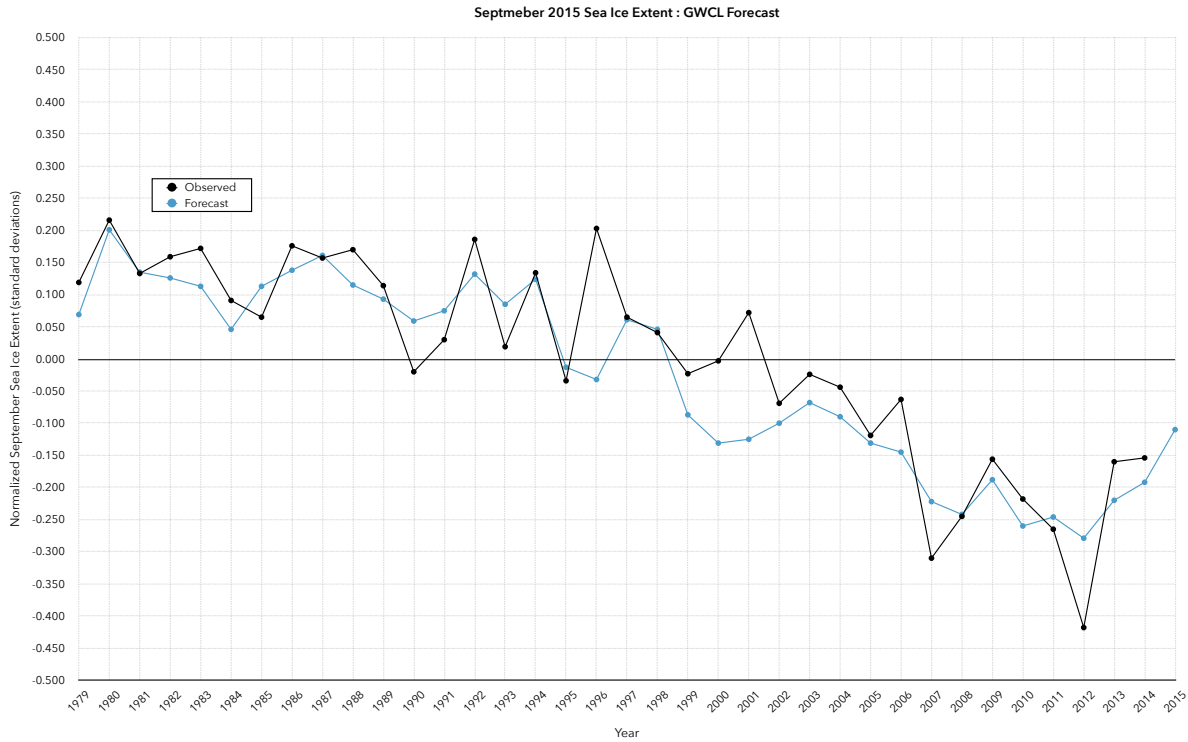
For models lacking an atmosphere or ocean, please describe the forcing: _____

4. *September monthly average projection (extent in million square kilometers. To be consistent with the validating sea ice extent index from NSIDC, if possible please first compute the average concentration for the month and then compute the extent as the sum of area of all cells > 15%.)

5.55 million sq. km

5. *Short explanation of Outlook method (max 300 words)
In addition, we encourage you to submit a more detailed Outlook, including discussions of uncertainties/probabilities, including any relevant figures, imagery, and references.
If this is a model contribution, please include method of method of initialization and variable used.

We use two statistical models incorporating between 10 and 20 surface, atmospheric and oceanic variables. We provide a figure of past performance of our statistical model below:



6. Projection uncertainty/probability estimate for September extent (only required if available with the method you are using)
7. Short explanation/assessment of basis for the uncertainty estimate in #6 (1-2 sentences)