SEA ICE PREDICTION NETWORK (SIPN)

Contribution from Global Weather and Climate Logistics
June Report (Using May Data)

*Required

1. **Contributor Name(s)/Group:* **Global Weather and Climate Logistics**
(www.globalweatherlogistics.com)

2. **Type of Outlook projection
   ____model _X__statistical ____heuristic

If you use a model, please specify:
Model Name _____
Components of the model: Atmosphere__, Ocean__, Ice__, Land__, Coupler___
For non-coupled model: Ice ___, Ocean___, Forcing___

3. **September monthly average projection (in million square kilometers)
        5.32 million square km

4. **Short explanation of Outlook method (1-3 sentences)
If this is a model contribution, please include method of method of initialization and variable used. In addition, we encourage you to submit a more detailed Outlook, including discussions of uncertainties/probabilities, including any relevant figures, imagery, and references.

We are submitting a combination of ensembles from our Predictor Screening and Anomaly Correlation statistical forecasting approaches. These two statistical models use predictors chosen from eleven surface and atmospheric variables and exploit information from predictors shown to have high correlations with historic pan-Arctic sea ice extent in our seasonal forecasts.

5. ** "Executive summary" about your Outlook contribution
1-3 sentences, to be used in Outlook summary: say in a few sentences what your Outlook contribution is and why. To the extent possible, use non-technical language.

Our predictor screening approach predicts slightly more sea ice extent than last year and our anomaly correlation approach predicts slightly less sea ice extent than last year. Together the eight ensemble statistical forecasts predict 5.32 million square km of pan-Arctic sea ice extent for September, 2014.

Anomaly correlation method historical context:
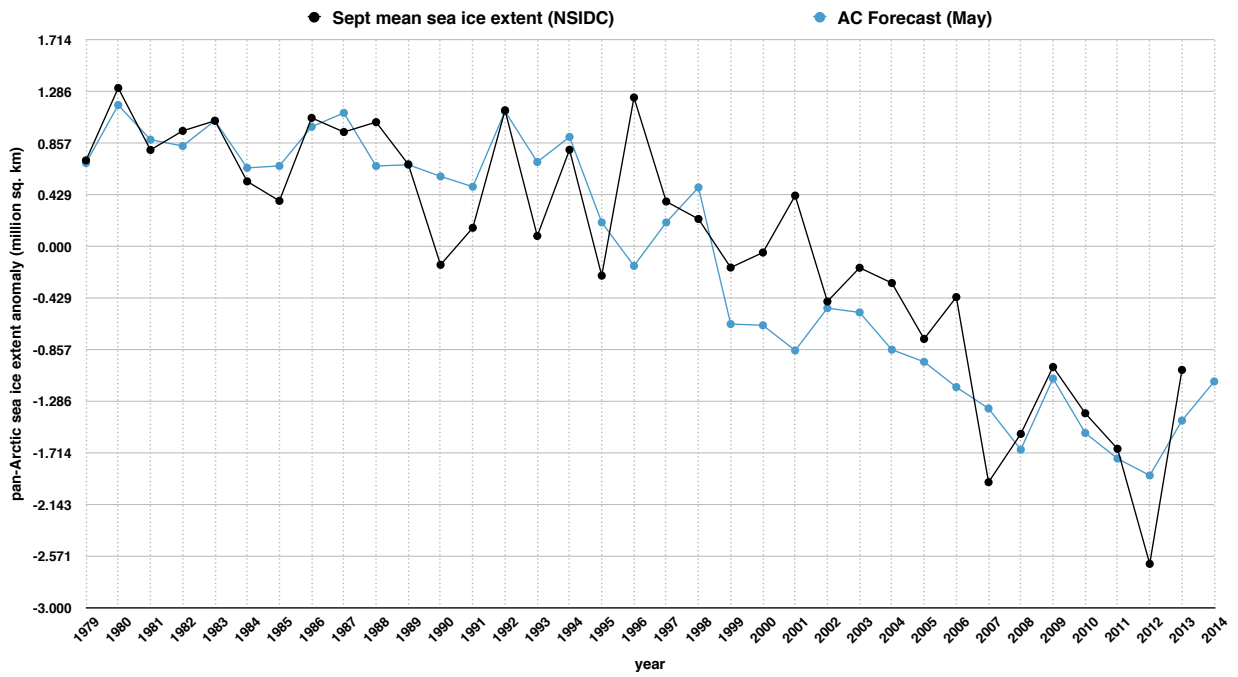
Predictor Screening method; historical context: