

## 2013 PAN-ARCTIC OUTLOOK

### June Report based on May Data

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Using the same methods as in prior years -- a logistic curve growth of open water -- and the ensemble of parameters which give fits to observation with rms error less than 0.5 million km<sup>2</sup>, but now with 34 years of data, the ensemble average and rms estimates are 3.90 million km<sup>2</sup>, with rms error of 0.5 million km<sup>2</sup>.