2010 Sea Ice Outlook July Report

Adrienne Tivy International Arctic Research Center, University of Alaska Fairbanks

Prediction - 5.7 million sq km

The prediction is statistical, it is based on a simple regression where the predictor is the previous summer (May-June-July) sea surface temperature in the North Atlantic and North Pacific oceans near the marginal ice zone. Warmer (colder) than normal SST is associated with a reduction (increase) in ice extent.