Warm Arctic-Cold Continents
Common among, Melting Sea Ice, Rapid Snow Advance and the Negative AO

Judah Cohen
Warm Arctic-Cold Continents

a. Detrended DJF [T] Regressed onto the Detrended & Inverted DJF AO Index

b. DJF [T] Regressed onto the Inverted SON Arctic SIE Index

c. Detrended DJF [T] Regressed onto the Detrended & Inverted SON Arctic SIE Index

d. Detrended DJF [T] Regressed onto the Detrended Oct Eurasian Snow Index

e. Detrended DJF [T] Regressed onto the Detrended & Inverted SON Arctic SIE Index (CCSM4)

Cohen et al. 2013
PCH
Oct-Mar

Winter 2012-2013 PCH (Contribution from SeaIce)

Polar Cap Geopotential Height, 60-90N (2012-2013)

Correlation of Daily AIRI with the December SOI

Sandy
Early
Nor'easter
Cold/snow
Asia, Europe
Blizzards in the US
Blizzard
New England
Late season snow/
Arctic outbreaks
& Europe

Snow in the
UK/Arctic outbreak

Midwest-East
Coast
snowstorm

US

Midwest-East
Coast
snowstorm

US