








Arctic Report Card 2008

Tracking recent environmental changes

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Warming (red) and mixed (yellow) signals

There continues to be widespread and, in some cases, dramatic evidence of an overall warming of the Arctic system.



Atmosphere
5° C temperature increases were recorded in autumn



Sea Ice
Near-record minimum summer sea ice extent



Biology
Fisheries and marine mammals impacted by loss of sea ice



Ocean
Observed increase in temperature of surface and deep ocean layers



Greenland
Records set in both the duration and extent of summer surface melt



Land
Permafrost temperatures tend to increase, while snow extent tends to decrease

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