

Global Warming Trends in the Arctic

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Sea ice, glacier, sea level, and other records in the Arctic and elsewhere from about 1400 AD to the present are examined. It is shown that sea ice and glaciers responded to the Little Ice Age by expanding or advancing until about 1800 AD. After 1800 AD, they began to recede, and the recession is still continuing today. The sea level began to increase from about 1850 AD to the present at approximately the same rate. Therefore, many reported changes in sea ice and glacier conditions are neither recent nor abrupt phenomena seen only during the last 50 years.