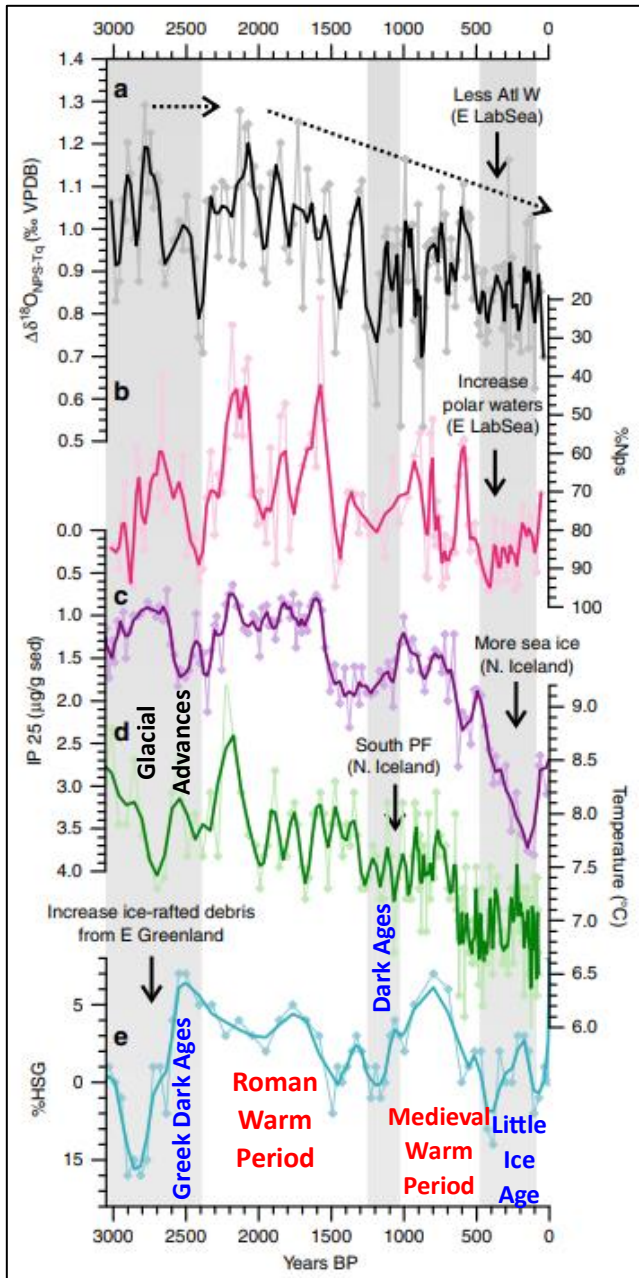


Arctic Sea Ice Extents were much lower during the Medieval and Roman Warm Periods.



The decline in Arctic Sea Ice Extent since 1978 is statistically insignificant from a climate viewpoint.

Fig. 2 Changes in the southward influence of polar waters. **a** Difference in the $\delta^{18}\text{O}$ measurements of *N. pachyderma* (s) and *T. quinqueloba* from RAPID-35-COM as an indicator of the relative presence of Atlantic waters in the Eastern Labrador Sea (data between 0 and 1250 years BP presented in ref. ¹³). **b** Percentage of the polar species *N. pachyderma* (s) from RAPID-35-COM (data between 0 and 1250 years BP presented in ref. ¹³). **c** Sea ice reconstructions based on IP25 proxy from core MD99-2269²⁸ located North of Iceland (Fig. 1). **d** Diatom assemblage derived August temperatures from North of Iceland²⁷. **e** Percentage of haematite stained quartz grains (HSG) from MC52-VM29-191¹¹. Bold lines indicate weighted three-point running average and grey bars indicate the periods of glacier advances in Alaska and Swedish Lapland⁴⁹

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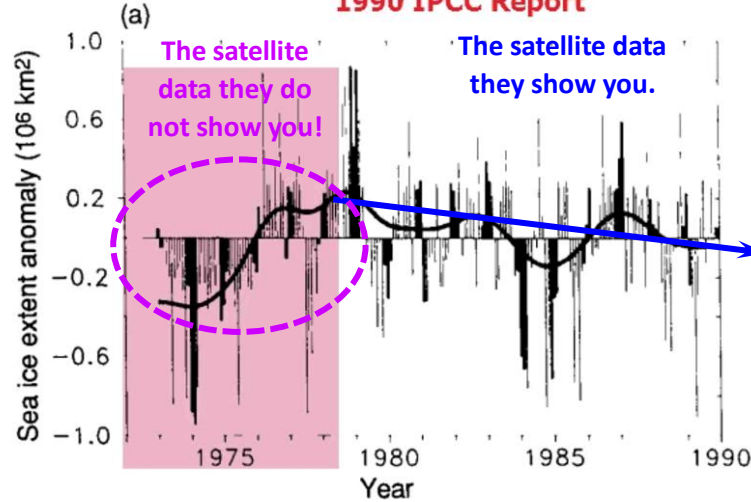


Figure 7.20: (a) Northern Hemisphere, and (b) Southern Hemisphere sea-ice extent anomalies. **Data from NOAA (USA).**

North Atlantic variability and its links to European climate over the last 3000 years
<file:///C:/Users/rjdav/Downloads/s41467-017-01884-8.pdf>
 Study's Model Simulations Show Arctic Sea Ice Reached Lowest Point On Modern Record... In The 1940s, Not Today
<https://www.climatedepot.com/2021/01/25/studys-model-simulations-show-arctic-sea-ice-reached-lowest-point-on-modern-record-in-the-1940s-not-today/>