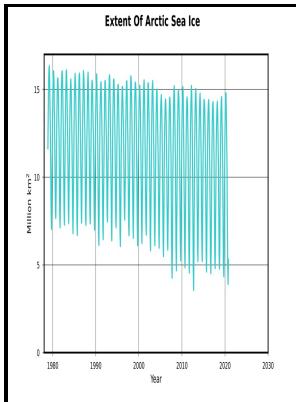


Satellite-based study of sea ice dynamics in the Central Canadian Arctic Archipelago

Institute of Ocean Sciences, Patricia Bay - The impact of rising sea temperatures on an Arctic top predator, the narwhal



Description: -

Bible. -- O.T. -- Psalms.

Sea ice drift -- Arctic regions.satellite-based study of sea ice dynamics in the Central Canadian Arctic Archipelago

Contractor report series (Institute of Ocean Sciences, Patricia Bay) -- no. 77-4.

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Tags: #Arctic #Oceanography

Polynyas and tidal currents in the Canadian Arctic Archipelago.

Biologically, the circumpolar flaw lead preconditions the shelves to be productive portions of the marine ecosystem with the early availability of light and increased availability of nutrients through advection and upwelling at the shelf break. In AS, there is a 10%—15% decrease near the surface and a ~5% increase in fractional cloud cover between 1000 and 1500 m. National-scale mapping by Smith and Burgess 2004; demonstrated that thaw sensitivity is moderate to high in about 50% of the present permafrost zones excluding areas where massive ice is present and where thaw sensitivity may be higher than indicated.

Sea Ice Thickness Data Sets: Overview & Comparison Table

Comparisons and validations between many of these sea ice thickness products can be found in recent studies e. This difference most probably reflects the large amount of DMSP added in our experiments. The reduction of Arctic sea ice from the September mean value of~7.

Projected Polar Bear Sea Ice Habitat in the Canadian Arctic Archipelago

Transformation of Mercury at the Bottom of the Arctic Food Web: An Overlooked Puzzle in the Mercury Exposure Narrative. Ice thickness is also reduced, by 17% in the winter and by 36% in the summer.

Arctic polar vortex splitting in early January: The role of Arctic sea ice loss

Similar to other open ocean basins, Arctic MeHg concentration maxima also occur in the pycnocline waters, but at much shallower depths 150—200 m

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