

Assignment 1

January 13, 2020

Due: Jan 31

- 1) Ice Around Newfoundland
 - a) Find the old ice charts on the Environment Canada Web site and make a map comparing the present conditions with the conditions 20 years ago.
 - b) Find the ice chart showing the most sea ice around Newfoundland (from the Environment Canada Archive)
- 2) Bare lake ice is 10 cm thick at 5pm on a Tue. The average overnight temperature will be -24C, with the avg daytime temp of -15. What will the ice thickness be at 5 pm on Wed?
- 3) Look up how much H₂O is a gas in the earth's atmosphere. How much would sea level drop if the water vapor increased by 10% ?