

Near Water: The Effect

1. Locate each of the cities on the blank map of Canada.
2. Construct a temperature bar (1cm=10°C) for each of the cities. Label 0°C, the maximum and the minimum temperatures. (Colour blue and red)
3. Construct a precipitation dot graph (1 blue dot = 10 cm) for each of the cities.
4. Construct a legend and give the map a title.

Data:

City	January Average (0°C)	July Average (0°C)	Annual Precipitation (cm)
Vancouver	3	17.5	117
Prince Rupert	0.8	12.9	255
Calgary	-9.6	16.4	40
Yellowknife	-27.9	16.5	27
Regina	-16.5	19.1	36
The Pas	-21.4	17.7	45
Churchill	-26.9	11.8	41
Toronto	-4.5	22.8	82
Ottawa	-10.7	20.8	87
St. John	-8.2	16.9	143
Halifax	-5.8	18.3	147
St. John's	-4	15.8	158

Discussion Questions

1. What is the pattern of temperatures as you move inland from the coasts? (Compare January, July and the total range)
2. St. John's is north of St. John. Why then is St. John's warmer?
3. Why do temperatures on the west coast have higher January temperatures compared to the east coast locations?
4. What is the pattern of precipitation?
5.
 - a. Compare and explain any differences between Churchill and Yellowknife?
 - b. Compare and explain any differences between Vancouver and Regina?