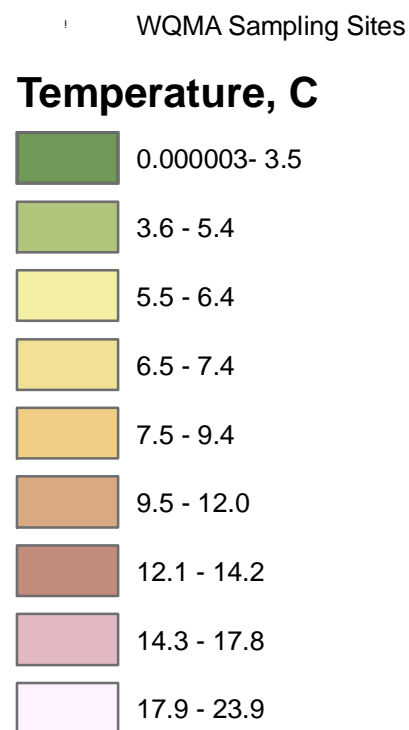
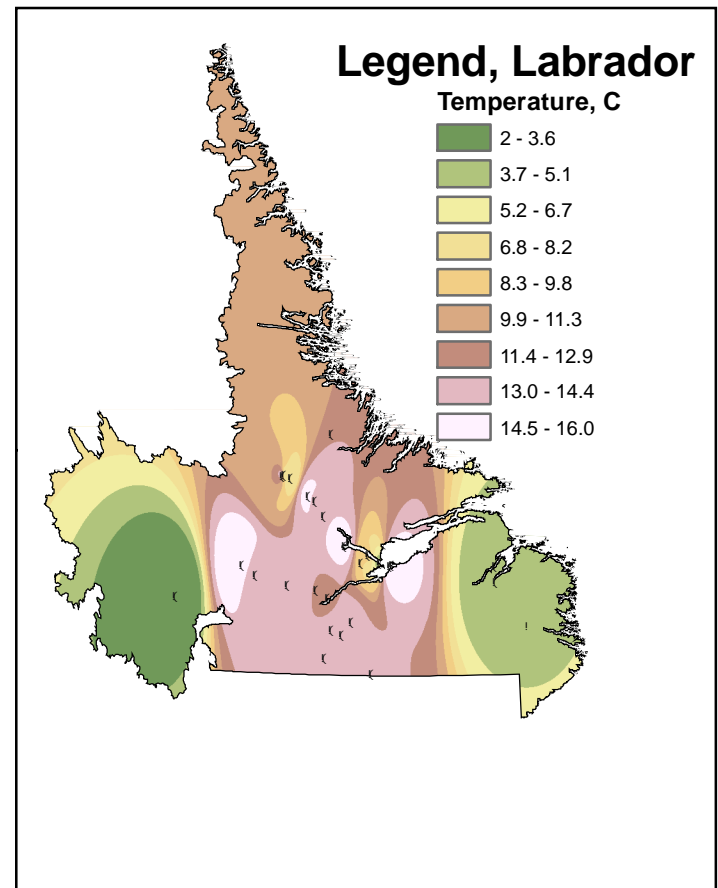
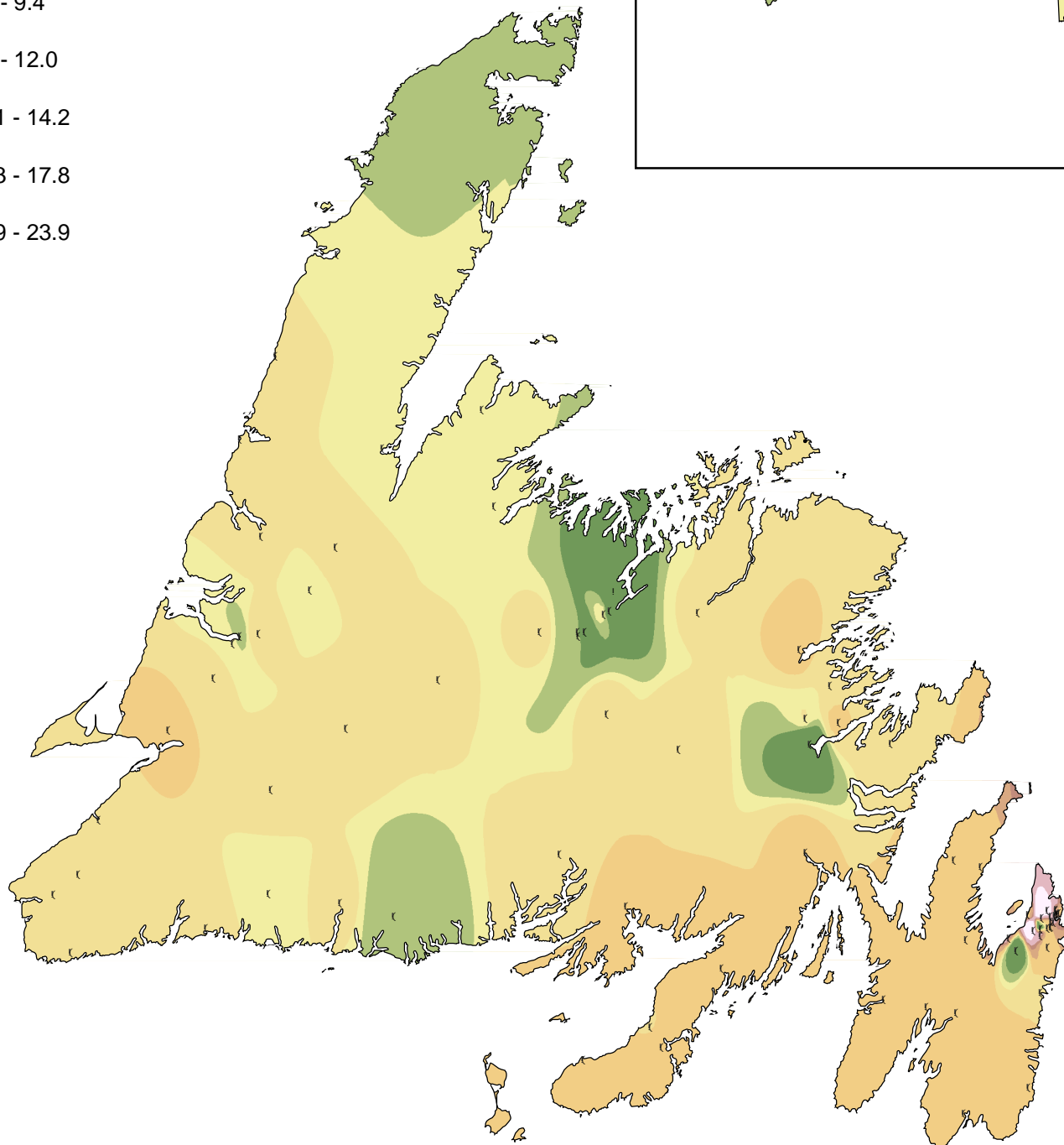
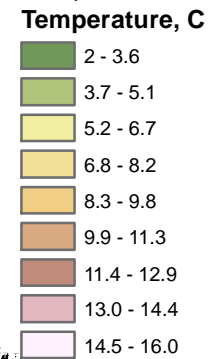


# Temperature Contours Based on Canada-Newfoundland Water Quality Monitoring Agreement Data

## Legend, Newfoundland



## Legend, Labrador



A contour map displays regions, each of which represents a constant value for a particular parameter. These regions are approximations based on average recorded values at WQMA sites for all data collected between 1985-2000. The contour regions were estimated using a geostatistical approach known as Inverse Distance Weight (IDW), with a power of 5. The maps will be updated for every five years of new water quality data collected. Values are compared against the Canadian Council of Ministers of the Environment Water Quality Guidelines for the Protection of Aquatic Life.

Water temperature is affected by many factors, such as water depth and air temperature. Temperatures are higher in urban settings where rivers tend to be shallower and smaller than those found in other areas. Average temperatures in Labrador are artificially high, as most sites are measured only once or twice a year, usually in the summer, when the water temperatures are at their warmest. There is no temperature guideline for the Protection of Aquatic Life.