

soil is a clay loam, quite deep in the valleys and grows thinner as the elevation increases. The climate is quite severe in the winter, but the summers are warm and the sun shines longer during each day than it does farther south. Snow falls to the depth of three to six feet in the winter. There is sufficient rainfall to grow crops. The average precipitation is about twenty inches.

*FROM MILE 183 TO 296.*

The soil is dark clay loam and is deeper and richer than farther south. It decreases in depth as the elevation increases above the valleys. The climate is cold in the winter, but warm and pleasant in the summer. There is plenty of rainfall to grow crops. The average precipitation is about fifteen to twenty inches.

*FROM MILE 296 TO 396.*

The soil is very rich and is a dark, alluvial, sandy, clay loam, quite deep. The climate is cold in winter for a short time, but the summers are warm and pleasant. Rainfall is sufficient to raise crops. The precipitation is about twenty inches per year.

*FROM MILE 396 TO 523.*

The soil, excepting in the Parsnip, Crooked and Pine River valleys, is very light, as this portion lies almost wholly in the Rocky Mountains. The winters are quite severe for a short time, but the summers are mild and pleasant. The rainfall is rather light, being from ten to fifteen inches per annum.

*FROM MILE 523 TO 737.*

In the Peace River country the soil is very deep and absolutely first class, it is a rich dark clay loam with clay subsoil. The climatic conditions are not severe considering the latitude, and are milder than in the Edmonton section. The winters are quite long and cold for a short time, but the sun shines longer than farther south and vegetation grows faster during the long, hot summer days. The rainfall is sufficient to raise all kinds of crops, according to the few inhabitants who reside in the country, and will average twenty to thirty inches annually.

The climate and rainfall in general, referring to exhibit (f), charts Nos. 2, 3 and 4, which show the Isothermal lines and number of days above freezing. These show the lines of same temperature, bending to the northwest after