

the temperature is either constant or rises slightly ; this region is called the stratosphere and it is highest and coldest at the equator ; as one proceeds north or south from the equator, the stratosphere becomes warmer and approaches the earth ; in the latitude of Toronto, in winter it is about six miles above the surface and about 70° F. below zero ; the observations would indicate that as the pole is approached the stratosphere is less than six miles above the earth and its temperature about 65° F. below zero and may be higher. Now temperatures lower than this have been recorded in the Mackenzie area and in Siberia, suggesting that either the stratosphere reaches to the earth's surface at these points or else there is a great inversion of temperature. The latter seems the more probable and that there may be a large increase of temperature upward before it again begins to decrease towards the stratosphere.