Maximum Temperatures

Records of maximum temperatures taken at Allentown, Bethlehem, and Easton are available for a number of years, enough to afford a fairly accurate picture of average conditions. An examination of the tables below will show that the highest temperature recorded at Allentown was 103°F in July 1936, 105°F at Bethlehem in August 1918, and 103°F at Easton in 1936. The temperature of the three localities should be almost identical although occasionally subject to common local, summer variations. The highest temperatures are experienced in July most commonly although in certain years the hottest days fall in August or June, occasionally in September and May. In 1915 the highest temperature of the year in many places in eastern Pennsylvania was registered on April 25.

Minimum Temperatures

Minimum temperatures for Allentown, Bethlehem and Easton are available for a number of years. As far as recorded by the observers working in cooperation with the U. S. Weather Bureau, the lowest temperature for Allentown was 12°F in February 1934, for Bethlehem, 16°F in January 1912, and for Easton, 16°F in February 1934. No doubt both Allentown and Easton experienced lower temperatures in January 1912, which was an extremely cold month in the Lehigh Valley, but at that time no observers were located in either place.

Mean Temperatures

For purposes of comparison mean temperatures are perhaps more important than the maximum and minimum temperatures given later. The mean daily temperature, as given in the official records of the U.S. Weather Bureau, is the average of the daily maximum and the daily minimum, and the mean monthly temperature is the average of the mean daily temperatures of the month. The mean annual temperature similarly is the average of the mean monthly temperatures.

Mean monthly temperatures are available for periods of years for Allentown, Bethlehem, Coopersburg, Easton and North Whitehall and Egypt.