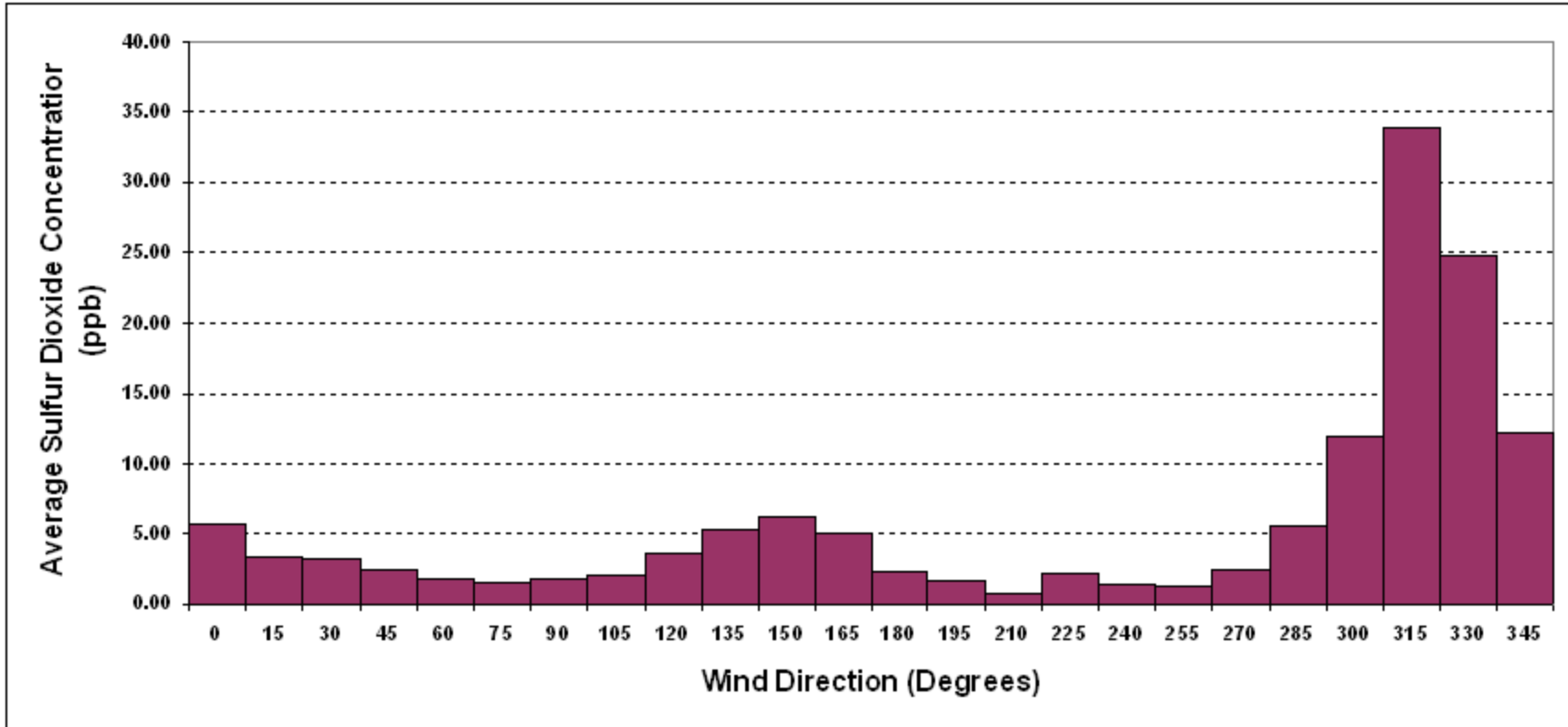


**Figure 15**  
**Average Sulfur Dioxide Concentrations at the Anclote Road Monitoring Stations, by Wind Direction:**  
**1979–1981**



Notes: Data sources: PCDEM 2002, EPA 2002.

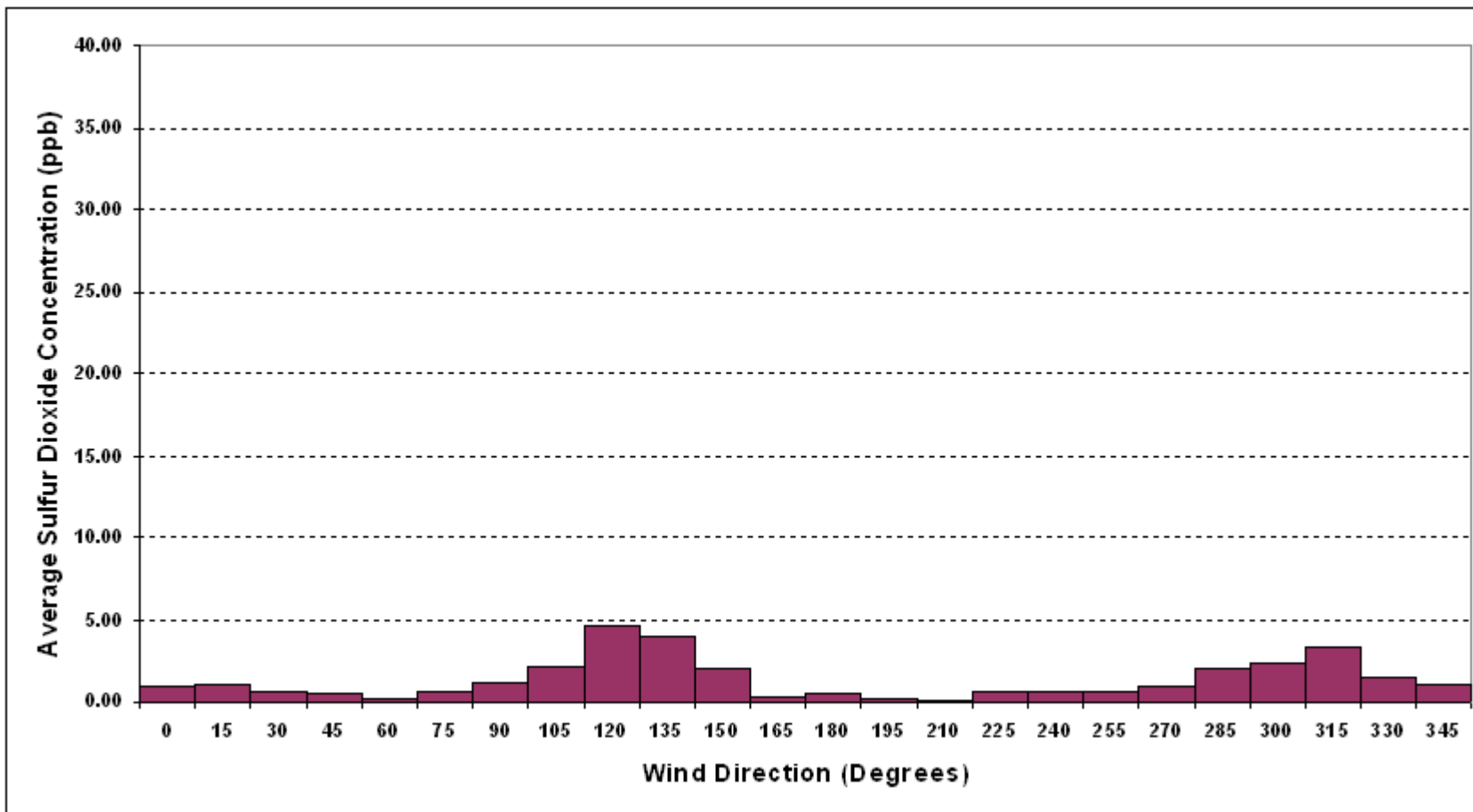
The time frame 1979 to 1981 was selected because it is the only period during which hourly wind direction and sulfur dioxide concentrations were simultaneously measured at the Anclote Road monitoring station while SCC operated. Valid, simultaneous measurements of these parameters were available for 21,848 hours between 1979 and 1981.

Between 1979 and 1981, PCDEM reported wind direction to the nearest 15° interval, with some exceptions. Out of the 21,848 hours of data available, 23 observations (or 0.1%) were reported to the nearest 5° interval. These observations were assigned to the nearest 15° interval for the analysis shown above.

Wind directions between 300° and 360° (or 0°) blew from the SCC facility to the monitoring station. A wind direction of 315° blew from the rotary kiln stack to the monitoring station.

ppb - parts per billion

**Figure 16**  
**Average Sulfur Dioxide Concentrations at the Anclote Road Monitoring Stations, by Wind Direction:**  
**1982–1984**



Notes: Data sources: PCDEM 2002, EPA 2002.

The time frame 1982 to 1984 was selected to evaluate air quality in the years immediately following SCC’s closure. Valid, simultaneous measurements of these parameters were available for 23,484 hours between 1982 and 1984.

Between 1982 and 1984, PCDEM reported wind direction to the nearest 15° interval, with some exceptions. Out of the 23,484 hours of data available, 11 observations (or 0.05%) were reported to the nearest 5° interval. These observations were assigned to the nearest 15° interval for the analysis shown above.

ppb - parts per billion