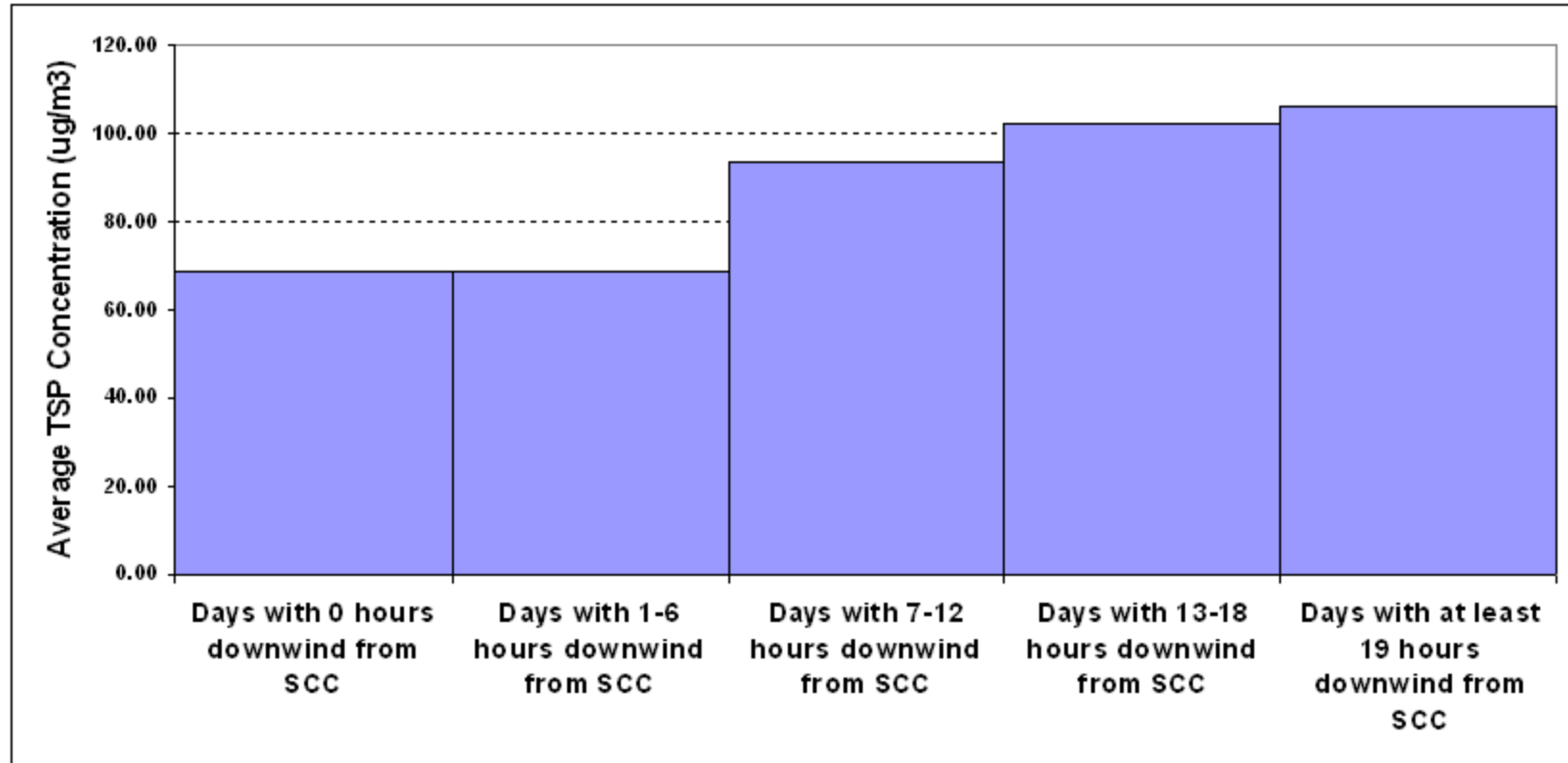


**Figure 17**  
**Average TSP Concentrations at the Anclote Road Monitoring Station, by Wind Direction: 1979–1981**

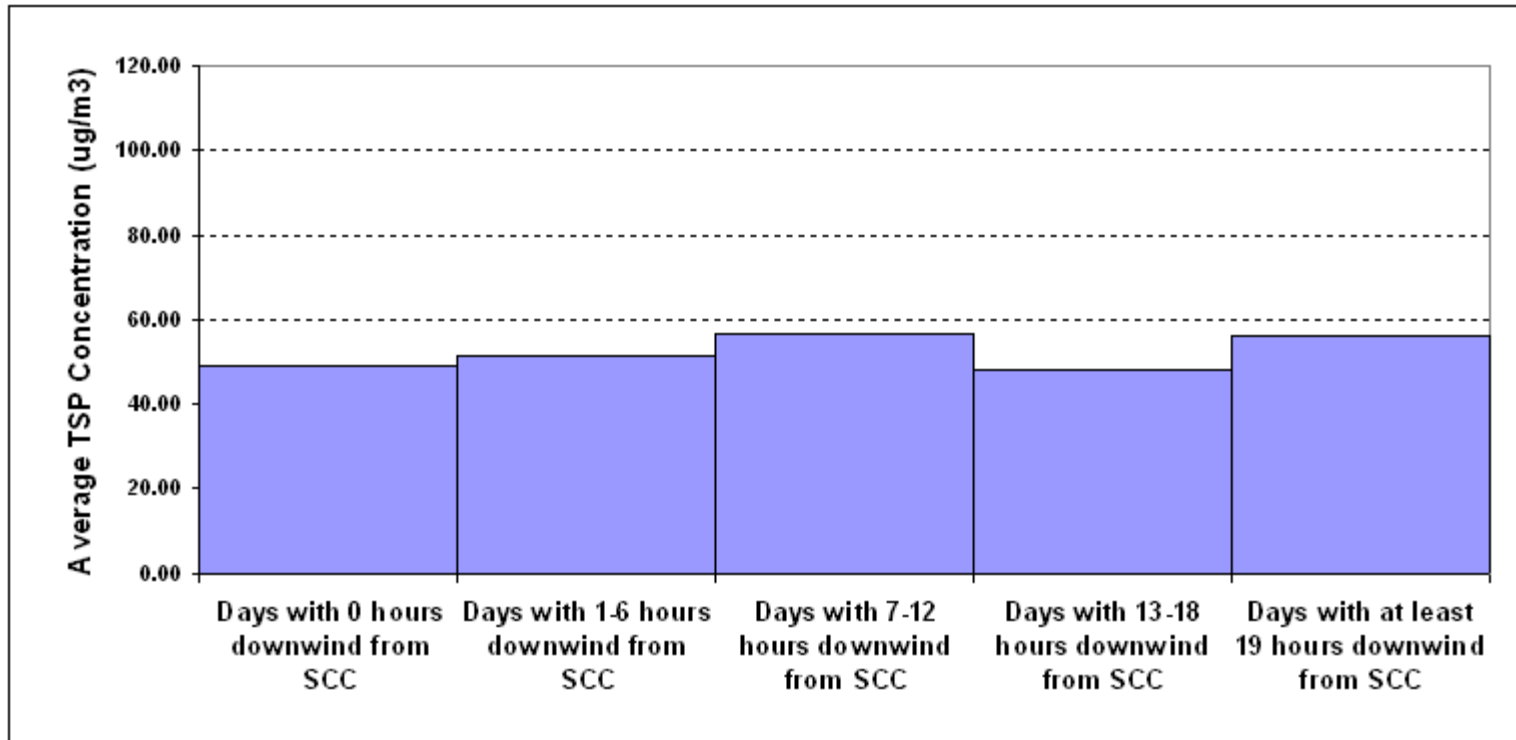


Notes: Data sources: PCDEM 2002, EPA 2002.

An hour “downwind from SCC” was defined as any hour when the wind direction at the Anclote Road station was between 300° and 360° (or 0°). PCDEM collected 170 valid TSP samples between 1979 and 1981; 23 of these samples were not considered in this analysis because more than 4 hours of wind direction data on those days were invalid. The number of remaining samples were distributed among the five categories shown above as follows: 48 samples collected on days with 0 hours downwind from SCC, 55 samples with 1–6 hours downwind from SCC, 26 samples with 7–12 hours downwind from SCC, 11 samples with 13–18 hours downwind from SCC, and 7 samples with at least 19 hours downwind from SCC.

TSP - total suspended particulates  
 ug/m<sup>3</sup> - micrograms per cubic meter  
 SCC - Stauffer Chemical Company

**Figure 18**  
**Average TSP Concentrations at the Anclote Road Monitoring Station, by Wind Direction: 1982–1984**



Notes: Data sources: PCDEM 2002, EPA 2002.

An hour “downwind from SCC” was defined as any hour when the wind direction at the Anclote Road station was between 300° and 360° (or 0°). PCDEM collected 168 valid TSP samples between 1982 and 1984; 14 of these samples were not considered in this analysis because more than 4 hours of wind direction data on those days were invalid. The number of remaining samples were distributed among the five categories shown above as follows: 39 samples collected on days with 0 hours downwind from SCC, 58 samples with 1–6 hours downwind from SCC, 32 samples with 7–12 hours downwind from SCC, 16 samples with 13–18 hours downwind from SCC, and 9 samples with at least 19 hours downwind from SCC.

TSP - total suspended particulates  
 ug/m<sup>3</sup> - micrograms per cubic meter  
 SCC - Stauffer Chemical Company