

Date/Time	North PM10	East PM10	West PM10	South PM10	Downwind	Upwind	Delta (Downwind - Upwind) DTSC Calculated	Delta (N,S) DTSC Calculated	Delta Rolling Average Boeing Calculated	Delta Rolling 2-hour Average (Downwind - Upwind) DTSC Calculated	Wind Speed Hourly Avg (m/s)	Wind Speed Hourly Avg (mph)	Wind Direction (Cardinal)	Upwind Stations
Date and time samples were collected - 24-hour clock	PM10 = Particulate Matter of 10 microns or less, hourly average  Air monitoring equipment is located near the northern border of AIBP.  NM = No Valid Measurement (often used when equipment malfunctions)  IM = Instrument Malfunction  $\mu\text{g}/\text{m}^3$ = micrograms per meter cubed	PM10 = Particulate Matter of 10 microns or less, hourly average  Air monitoring equipment is located near the eastern border of AIBP.  NM = No Valid Measurement (often used when equipment malfunctions)  IM = Instrument Malfunction  $\mu\text{g}/\text{m}^3$ = micrograms per meter cubed	PM10 = Particulate Matter of 10 microns or less, hourly average  Air monitoring equipment is located near the western border of AIBP.  NM = No Valid Measurement (often used when equipment malfunctions)  IM = Instrument Malfunction  $\mu\text{g}/\text{m}^3$ = micrograms per meter cubed	PM10 = Particulate Matter of 10 microns or less, hourly average  Air monitoring equipment is located near the southern border of AIBP.  NM = No Valid Measurement (often used when equipment malfunctions)  IM = Instrument Malfunction  $\mu\text{g}/\text{m}^3$ = micrograms per meter cubed	If there is data from more than one downwind monitor, the maximum of the downwind monitors, determined by the hourly average of the wind direction.  Downwind monitors are determined by the hourly average wind direction.  NC = Not Calculated due to lack of usable data  $\mu\text{g}/\text{m}^3$ = micrograms per meter cubed	If there is data from more than one upwind monitor, the upwind result is the average concentration of all upwind monitors, determined by the hourly average of the wind direction.  Upwind monitors are determined by the hourly average wind direction  NC = Not Calculated due to lack of usable data  $\mu\text{g}/\text{m}^3$ = micrograms per meter cubed	Delta = The downwind reading minus the upwind reading.  NC = Not Calculated due to lack of usable data  $\mu\text{g}/\text{m}^3$ = micrograms per meter cubed  Delta calculated by DTSC.	North (N) and South (S) stations considered, for comparison to Boeings rolling average results.  Delta = The downwind reading minus the upwind reading , determined by wind direction hourly average  NC = Not Calculated due to lack of usable data  $\mu\text{g}/\text{m}^3$ = micrograms per meter cubed  Delta calculated by DTSC.	North (N), South (S), East (E), West (W) stations  Delta = The rolling average of the downwind reading minus the upwind reading, determined by real-time wind direction. The rolling average is cumulative and represents the average of all the hourly Deltas at that point in the day.  NC = Not Calculated due to lack of usable data  $\mu\text{g}/\text{m}^3$ = micrograms per meter cubed  Delta calculated by Boeing	Rolling 2-hr Average = The rolling 2-hour average of Delta (Downwind minus Upwind)  "-" = start of the day. There aren't 2 hours available for the calculation.  $\mu\text{g}/\text{m}^3$ = micrograms per meter cubed  NC = Not Calculated due to lack of usable data  Rolling 2-hour average calculated by DTSC.	Wind Speed = Hourly Average  m/s = meter per second  1m/s = 2.23694 mph	Wind Speed = Hourly Average  mph = miles per hour  1m/s = 2.23694 mph	Wind Direction = Average for that hour  Cardinal direction	North/West or South/East determined by the hourly average of the wind direction.