

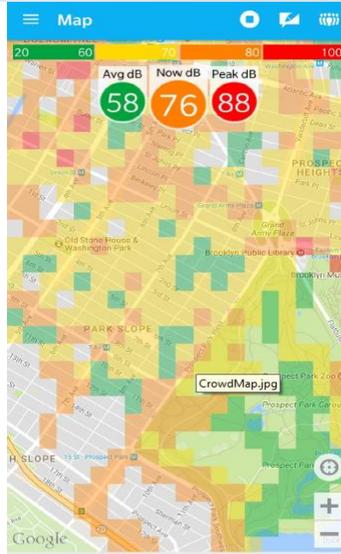
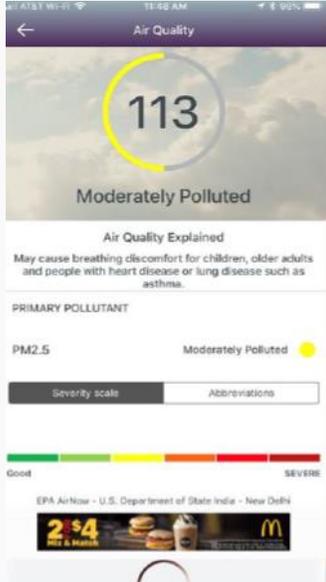


Big Data for Environmental Quality

ECOS STEP Meeting
July 10, 2019

Kristen Benedict
Office of Air Quality Planning & Standards
U.S. Environmental Protection Agency

Data Interpretation



Community Air-Quality Levels (CALs)			
Number range	Category	Color	Health Recommendation
0-50	Low Risk	Green	It's good time to be active outside
51-100	Moderate	Yellow	If you are unusually sensitive to particle pollution, reduce physical activity outdoors. Watch for symptoms like coughing or breathing problems.
101-150	Unhealthy for Sensitive Groups	Orange	Sensitive groups should reduce physical activity outdoors. Watch out for symptoms like coughing, breathing problems, unusual heartbeat, or unusual fatigue.
Above 150	Unhealthy	Red	Avoid physical activity outdoors.



On Tue Sep 11 2018 11:04:14 GMT-0400 (Eastern Daylight Time)

Real Time PM2.5 is LOW at 10µg/m3

Enjoy your activities.

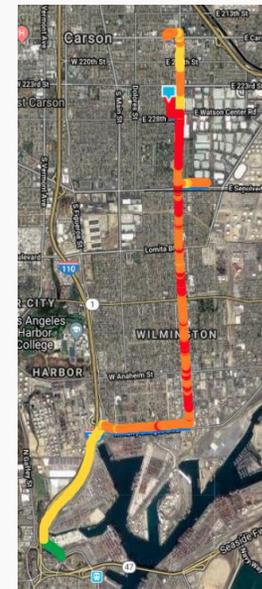
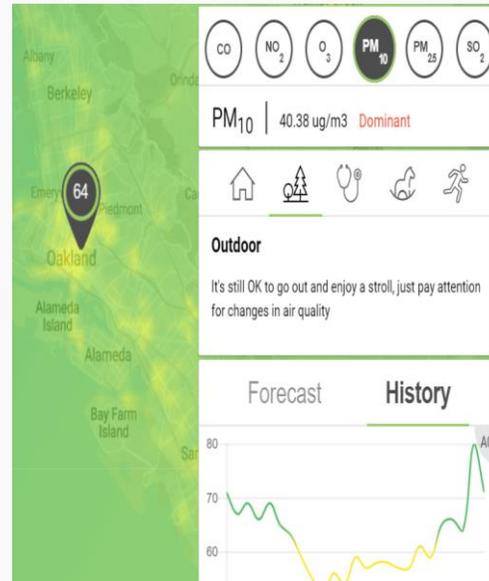
Real Time AQI West Oakland, Oakland, CA

40

Good



0-50: Air quality is considered satisfactory, and air pollution poses little or no risk



City-level Driving Routes

