



Salton Sea Air Quality

State Water Resources Control Board
March 19, 2019

Overview

- Air Quality Monitoring Networks
- Prevailing High Wind Directions
- High PM₁₀ Day Trends
- Playa and Non-playa emissions

Salton Sea Shoreline

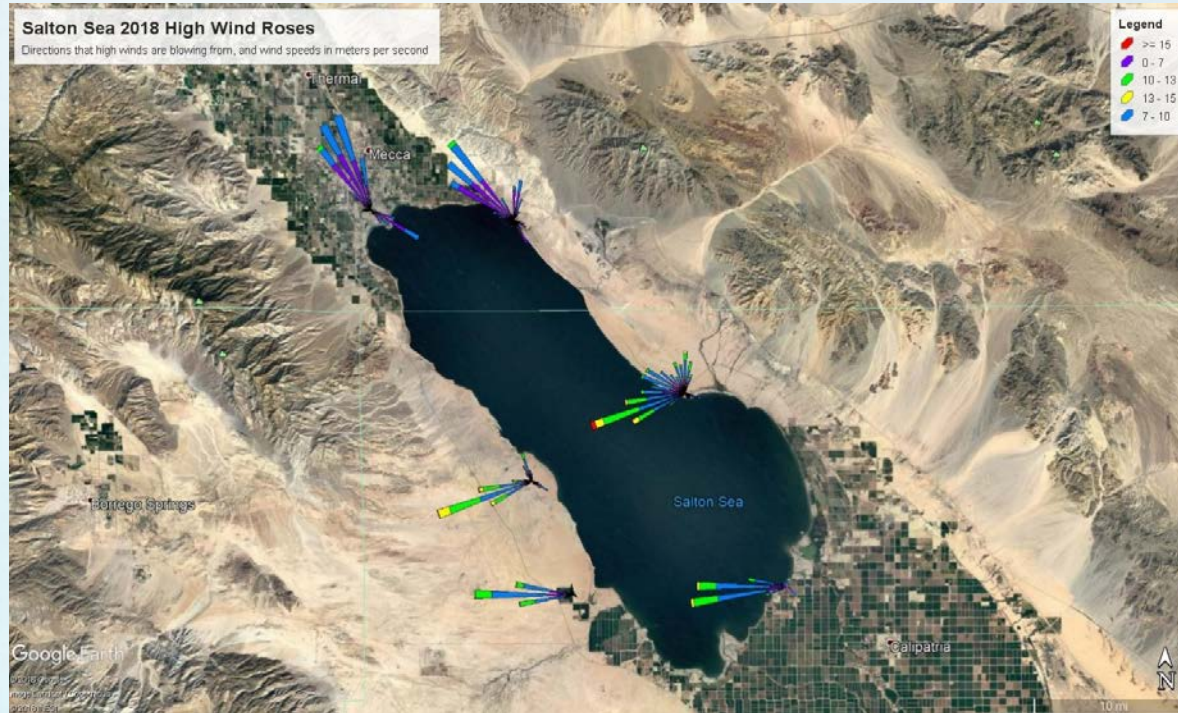
Air Quality Research Monitoring Stations



Salton Sea Regional Air Quality Regulatory Monitoring Stations

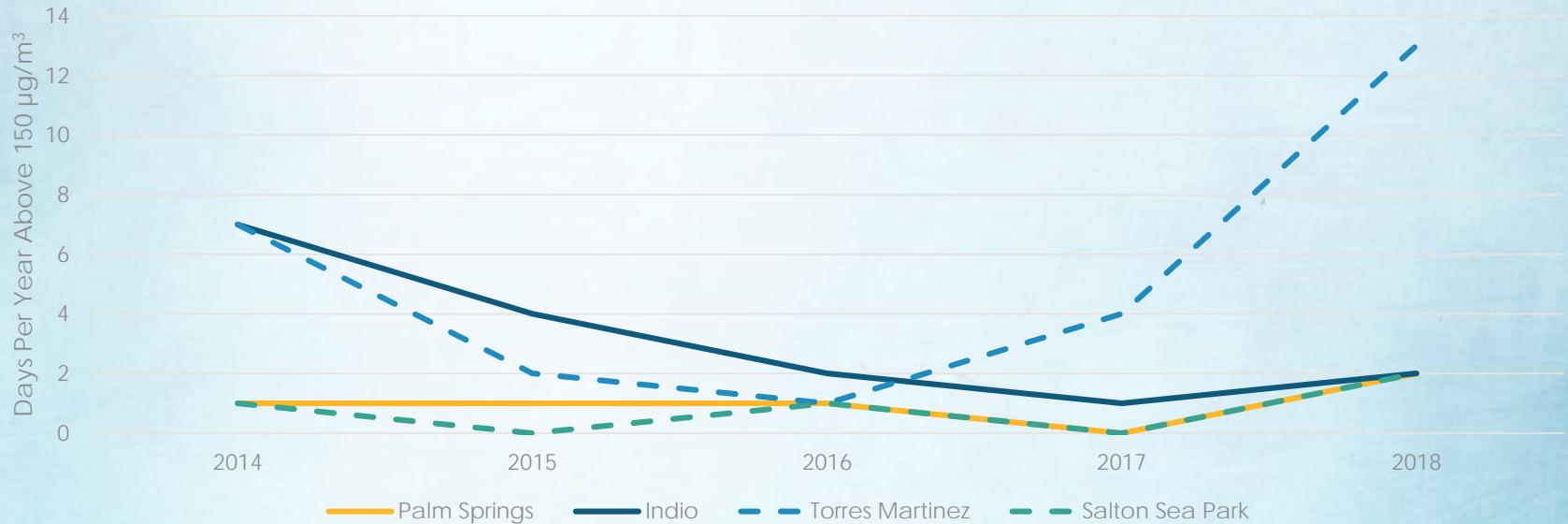


Shoreline Station 2018 High Wind Roses



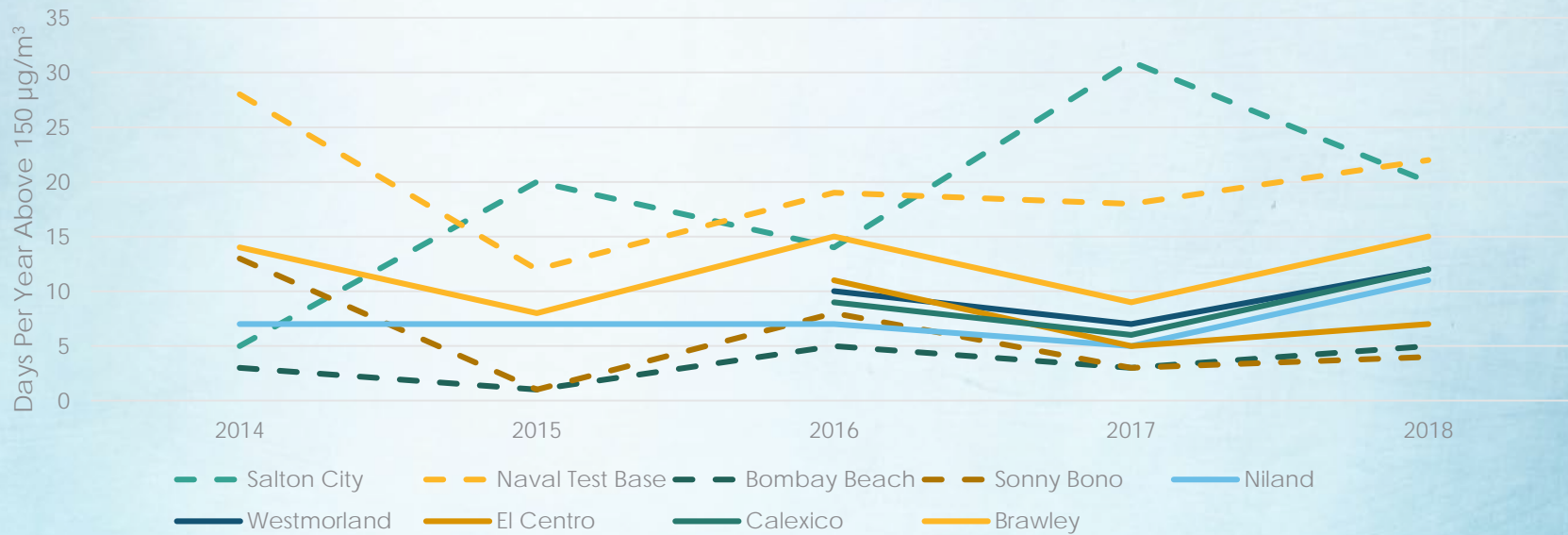
PM₁₀ Exceedance Days

Salton Sea PM₁₀ Exceedance Days
North Shore (Riverside County)



PM₁₀ Exceedance Days (cont.)

Salton Sea PM₁₀ Exceedance Days
Central & South Shores (Imperial County)



PM₁₀ Exceedance Days Associated With High Winds from Playa and Non-Playa Areas

Numbers and Percentages of 2018 PM ₁₀ Exceedance Days Associated with Playa or Non-Playa Area Emissions – Or Both			
Station	Playa Areas Contributed	Non-Playa Areas Contributed	Both Area Types Contributed
North Shore (Riverside County)			
Salton Sea Park	0 (0%)	2 (100%)	0 (0%)
Torres Martinez	0 (0%)	11 (100%)	0 (0%)
Central and South Shores (Imperial County)			
Bombay Beach	4 (80%)	1 (20%)	0 (0%)
Naval Test Base	2 (10%)	19 (95%)	1 (5%)
Salton City	2 (11%)	17 (89%)	0 (0%)
Sonny Bono	4 (100%)	1 (20%)	1 (20%)