Four Deterministic Interpolation Methods of California, Levels in the State Measured using Ozone



Local Polynomial: More than one smooth surface is fitted to the sample points, based on loc variation present in the data. Finding general trends is still the goal, but more than one zone within the data is considered.

Radial Basis Functions: A smooth surface is created, much like a rubber sheet that fits to the data points. All of the data is considered but excessive detail is minimized. Also called a "spl interpolation.





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	1:8,000,000
9	Legend
) Jigher	Ozone Levels (ppm)
iigilei	0.047 - 0.065 0.102 - 0.109
idered	
	0.079- 0.067 0.123- 0.142
al e	0.093 - 0.095
e line"	0 100 200 300 400 Kilometers