

Air Quality Pollutant Estimates Mediterranean Coast Network

Park	Ozone					NADP			Visibility	
	2nd Hi 1hr	4th Hi 8hr	#8hr > 85	#1hr > 100	Sum06 3 Mo	Total S kg/Ha	Total N kg/Ha	Rbext Clear	Rbext Hazy	
Cabrillo NM	121.0	82.4	8.4	30.1	9.9	0.26	0.60	10	67	
Channel Islands NP	109.2	74.6	3.5	8.3	6.0	0.26	0.68	11	65	
Santa Monica Mountains NRA	135.9	90.7	14.1	57.3	29.5	0.36	0.89	10	70	

Ozone information represents 5-yr average of annual values from 1995-1999

2nd High 1 hr concentration (ppb): indicates peak values for ozone; old standard of 0.12 ppm (120 ppb) was based on 2nd hi, 1-hr average

4th high 8 hr concentration (ppb): new ozone standard of 0.08 ppm (80 ppb) is based on 4th hi, 8-hr average

#8 hours>85 ppb: indicates how often the area would be in violation of the new 8-hr standard of 0.08 ppm

hours> 100 ppb: high peaks in ozone concentration, as well as cumulative dose, contribute to vegetation injury

SUM06_3mon (ppm-hrs) - sum of hourly ozone concentration over 3 months (growing season), i.e., cumulative ozone dose

NADP information represents 6-yr average of annual values from 1995-2000

NADP deposition (kg/ha/yr): estimate of pollutants deposited to ecosystem by precipitation (NADP-National Atmospheric Deposition Program)

NADP Total S - sulfur from sulfate deposited by precipitation

NADP Total N - inorganic nitrogen (ammonium plus nitrate) deposited by precipitation

Visibility IMPROVE information represents 5-yr average of annual values from 1995-1999

bextClear - measure of light scattering and absorption, i.e., extinction, by particles in the air on an average clear day

bextHazy - measure of light scattering and absorption, i.e., extinction, by particles in the air on an average hazy day