

# Air Quality Pollutant Estimates

## Southeast 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	ClRbext	Hazy
Canaveral NS	102.8	75.7	2.5	3.1	12.4	3.37	2.50	40	145		
Cape Hatteras NS	104.5	84.0	6.0	8.5	23.4	2.84	2.40	34	177		
Cape Lookout NS	103.8	83.4	6.2	8.7	23.0	2.20	1.88	34	176		
Castillo de San Marcos NM	105.2	76.4	2.4	4.0	10.9	2.18	1.62	39	147		
Chattahoochee River NRA	130.5	97.9	16.0	50.1	37.0	4.32	3.20	32	193		
Congaree Swamp NM	107.0	81.9	5.0	8.8	17.5	3.89	3.11	33	164		
Cumberland Island NS	105.3	77.7	2.7	4.9	12.5	1.56	1.19	38	149		
Fort Caroline NM	106.9	77.2	2.5	4.7	13.4	1.94	1.43	38	148		
Fort Frederica NM	103.9	78.4	3.1	5.6	12.0	1.70	1.34	37	150		
Fort Matanzas NM	103.9	76.0	2.4	3.6	11.2	2.25	1.68	39	146		
Fort Pulaski NM	103.1	78.3	3.8	5.4	12.0	2.76	2.19	36	155		
Fort Sumter NM	102.2	77.4	3.0	3.9	11.9	3.45	2.82	37	144		
Horseshoe Bend NMP	119.3	89.5	9.6	23.1	24.8	3.52	2.67	36	192		
Kennesaw Mountain NBP	129.9	97.5	15.7	48.3	37.4	4.34	3.20	32	194		
Moores Creek NB	105.4	84.9	8.0	11.5	22.9	3.43	3.08	34	170		
Ocmulgee NM	126.2	96.2	13.8	40.9	35.2	3.46	2.63	34	176		
Timucuan Ecological Preserv	107.4	77.3	2.5	4.9	13.1	1.89	1.40	38	148		

Class: refers to an area's designation under the Clean Air Act

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