

NORTHERN COLORADO PLATEAU NETWORK		Ozone -----					NADP (kg/ha/yr) ===		Visibility - IMPROVE	
PARK	CLASS	2ndHi1hr	4thHi8hr	#8hr>85	#1hr>100	Sum06_3Mo	Total S	Total N	bextClear	bextHazy
Arches NP	1	93.0	73.2	1.4	3.0	19.1	0.72	1.04	7	23
Black Canyon of the Gunnison NM	1	90.3	71.1	1.1	1.5	19.9	1.08	1.28	6	23
Bryce Canyon NP	1	94.0	75.2	1.7	2.6	20.2	0.65	1.06	5	23
Canyonlands NP	1	91.1	72.7	1.2	2.7	18.8	0.61	0.92	7	23
Capitol Reef NP	1	95.5	74.5	1.8	3.7	19.6	0.62	1.03	6	23
Cedar Breaks NM	2	96.2	76.1	1.9	3.0	20.0	0.60	1.09	6	24
Colorado NM	2	92.5	72.7	1.3	2.2	18.2	1.05	1.51	6	23
Curecanti NRA	2	90.8	71.0	1.1	1.5	20.0	1.13	1.66	6	23
Dinosaur NM	2	101.6	75.7	2.1	4.3	23.0	1.14	1.72	6	22
Fossil Butte NM	2	102.3	75.2	2.2	5.0	18.0	0.91	1.69	5	22
Golden Spike NHS	2	103.9	75.9	2.3	5.4	19.7	0.75	1.77	5	23
Hovenweep NM	2	82.3	68.1	0.2	0.2	12.6	0.85	1.25	7	24
Natural Bridges NM	2	88.0	71.2	0.9	1.7	16.0	0.71	1.08	7	23
Pipe Spring NM	2	93.4	76.5	1.9	2.7	22.3	0.62	1.12	6	25
Timpanogos Cave NM	2	109.4	78.5	3.1	6.8	24.5	0.68	1.38	5	23
Zion NP	1	94.6	76.2	1.8	2.6	19.9	0.59	1.12	6	25

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 ppb

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 conc≥0.06 ppm (60 ppb) 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