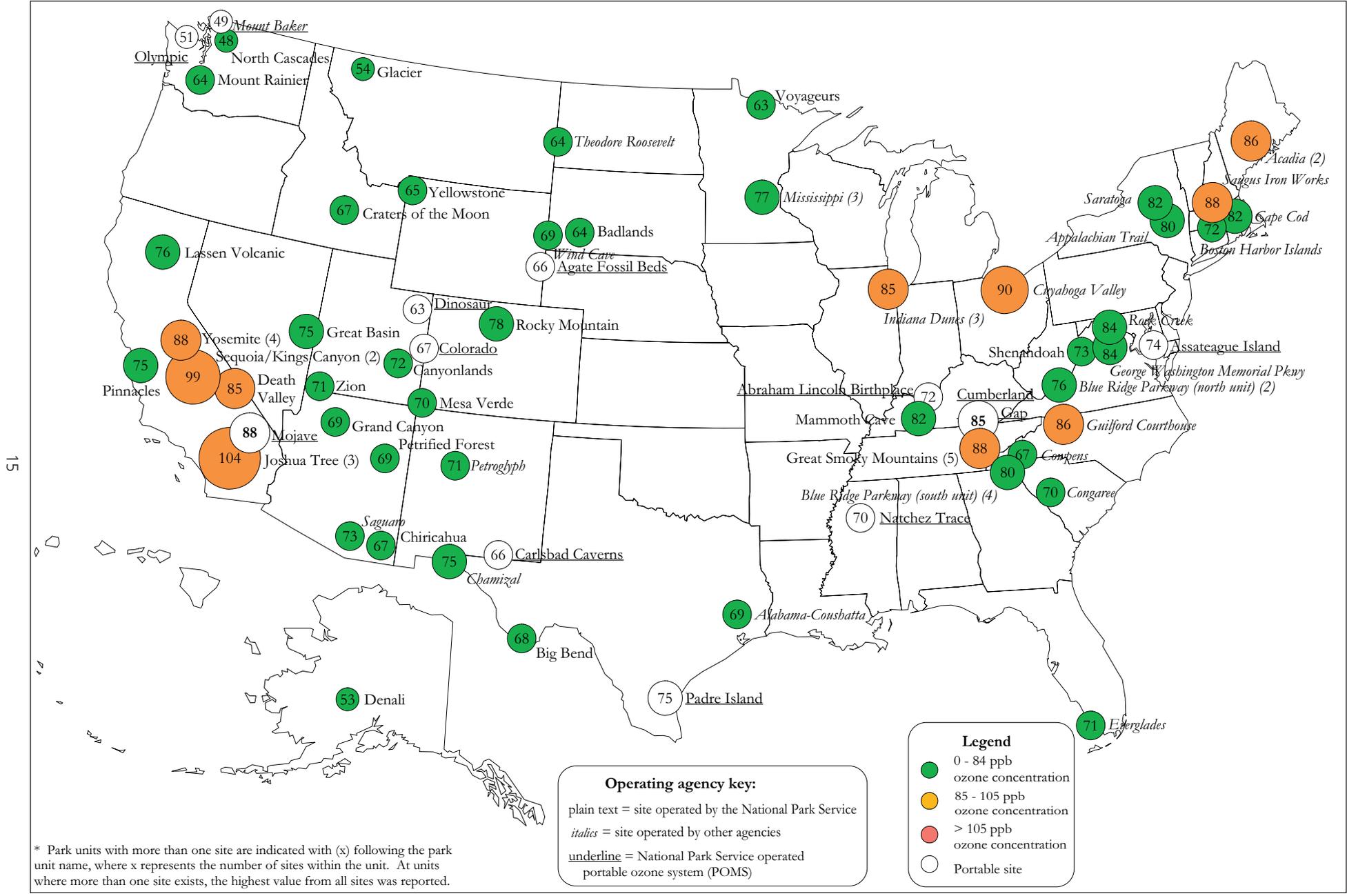


* Park units with more than one site are indicated with (x) following the park unit name, where x represents the number of sites within the unit. At units where more than one site exists, the highest value from all sites was reported.

Figure 3. 2007 Annual number of days with daily maximum 8-hour average ozone values ≥85 ppb.



* Park units with more than one site are indicated with (x) following the park unit name, where x represents the number of sites within the unit. At units where more than one site exists, the highest value from all sites was reported.

Figure 2. 2007 Annual fourth highest daily maximum 8-hour average ozone concentrations (in ppb).

Table 2. 2007 Summary of 8-hour average ozone concentrations (ppb).

National Park Unit	Site Name	Valid Number of Days	1 st Highest	2 nd Highest	3 rd Highest	4 th Highest ^a	5 th Highest	# Days with 8-Hour Average O ₃ Values ≥85 ppb ^a
Sites operated by the National Park Service								
Badlands	Visitor Center	363	68	65	65	64	64	0
Big Bend	K-Bar Ranch Road	355	72	72	71	68	67	0
Canyonlands	Island in the Sky	339	74	74	73	72	71	0
Chiricahua	Entrance Station	352	73	70	68	67	67	0
Craters of the Moon	Visitor Center	220	71	68	67	67	65	0
Death Valley	Park Village	351	94	91	91	85	85	6
Denali	Headquarters	348	55	55	53	53	53	0
Glacier	West Glacier Horse Stables	339	59	54	54	54	54	0
Grand Canyon	The Abyss	352	72	70	70	69	69	0
Great Basin	Maintenance Yard	348	82	80	78	75	75	0
Great Smoky Mountains	Clingmans Dome	174	92	90	88	87	87	9
Great Smoky Mountains	Cove Mountain	360	89	89	88	88	86	5
Great Smoky Mountains	Look Rock	363	96	95	92	88	87	11
Joshua Tree	Black Rock	341	106	105	104	104	103	40
Joshua Tree	Cottonwood Canyon	281	82	78	76	76	75	0
Lassen Volcanic	Manzanita Lake Fire Station	362	78	77	76	76	73	0
Mammoth Cave	Houchin Meadow	359	84	84	83	82	82	0
Mesa Verde	Resource Management Area	356	72	71	71	70	69	0
Mount Rainier	Tahoma Woods	342	65	62	61	58	54	0
North Cascades	Marblemount Ranger Stn	354	57	51	50	48	48	0
Petrified Forest	South Entrance	278	74	71	69	69	68	0
Pinnacles	SW of East Entrance Station	361	83	77	76	75	74	0
Rocky Mountain	Long's Peak	335	79	79	78	78	77	0
Sequoia and Kings Canyon	Ash Mountain	238	102	102	102	99	98	44
Sequoia and Kings Canyon	Lower Kaweah	360	94	93	92	91	91	25
Shenandoah	Big Meadows	339	75	75	74	73	73	0
Voyageurs	Sullivan Bay	327	75	68	67	63	63	0
Yellowstone	Water Tank	347	69	67	66	65	64	0
Yosemite	Turtleback Dome	334	97	92	92	88	88	8
Zion	Dalton's Wash	305	77	77	71	71	70	0
Sites operated by cooperating state agencies								
<i>Acadia</i>	Cadillac Mountain	186	98	94	89	86	85	5
<i>Acadia</i>	McFarland Hill	300	92	85	83	83	82	2
<i>Cape Cod</i>	Cape Cod	170	93	85	82	82	80	2
<i>Chamizal</i>	Chamizal	359	78	77	77	75	73	0
<i>Congaree</i>	Congaree Bluff	333	76	72	71	70	69	0
<i>Cowpens</i>	State Monitor	358	74	68	67	67	67	0
<i>Great Smoky Mountains</i>	Cades Cove	243	86	79	77	74	74	1
<i>Great Smoky Mountains</i>	Purchase Knob	208	78	78	78	78	77	0
<i>Mount Rainier</i>	Jackson's Visitor's Center	326	72	68	68	64	62	0
<i>Saguaro</i>	Pima County	357	75	73	73	73	73	0
<i>Theodore Roosevelt</i>	Painted Canyon Visitor Cntr	352	69	64	64	64	64	0
<i>Wind Cave</i>	Visitor Center	363	75	71	69	69	68	0

Table 2. 2007 Summary of 8-hour average ozone concentrations (ppb) (continued).

National Park Unit	Site Name	Valid Number of Days	1 st Highest	2 nd Highest	3 rd Highest	4 th Highest ^a	5 th Highest	# Days with 8-Hour Average O ₃ Values ≥85 ppb ^a
Nearby sites operated by other agencies								
<i>Alabama-Coushatta</i>	CASTNet Site	240	73	73	70	69	66	0
<i>Appalachian Trail</i>	Mount Greylock Summit	143	93	86	83	80	79	2
<i>Blue Ridge Parkway</i>	7510 Blue Ridge Parkway	181	76	73	68	66	66	0
<i>Blue Ridge Parkway</i>	Barnet Knob Firetower Road	200	84	83	80	80	77	0
<i>Blue Ridge Parkway</i>	Frying Pan Mountain	193	90	84	78	77	77	1
<i>Blue Ridge Parkway</i>	Route 191	213	77	77	73	73	72	0
<i>Blue Ridge Parkway</i>	Ranger Station	205	73	70	66	65	65	0
<i>Blue Ridge Parkway</i>	Vinton Elementary	182	86	79	77	76	76	1
<i>Boston Harbor Islands</i>	Former Nike Missile Site	53	82	80	76	72	69	0
<i>Cuyahoga Valley</i>	800 Patterson	213	97	92	90	90	89	9
<i>Everglades</i>	Cutler Road	357	75	75	74	71	69	0
<i>George Washington Pkwy</i>	Alexandria Health	211	90	85	85	84	83	3
<i>Guilford Courthouse</i>	Mendenhall Middle School	198	103	89	87	86	84	4
<i>Indiana Dunes</i>	Ammunition Bunker	143	89	89	85	85	80	4
<i>Indiana Dunes</i>	Gas Station	162	81	78	77	73	67	0
<i>Indiana Dunes</i>	Water Treatment Plant	176	91	89	89	84	81	3
<i>Mississippi</i>	Anoka County Airport	358	86	80	75	74	74	1
<i>Mississippi</i>	Somerset Town Hall	358	79	78	78	75	73	0
<i>Mississippi</i>	Washington County	176	79	79	79	77	71	0
<i>Mount Baker</i>	Mount Baker	103	56	52	50	49	49	0
<i>Petroglyph</i>	Westside Taylor Ranch	363	75	73	72	71	71	0
<i>Rock Creek</i>	Achbold Parkway	350	87	87	85	84	83	3
<i>Saratoga</i>	Stillwater	349	88	87	83	82	82	2
<i>Saugus Iron Works</i>	Lynn Water Treatment	299	103	102	93	88	83	4
Portable ozone monitoring systems								
<u>Abraham Lincoln Birthplace</u>	Visitor Center	168	85	83	75	72	72	1
<u>Agate Fossil Beds</u>	Residence Area	65	69	68	66	66	65	0
<u>Assateague Island</u>	Maintenance Area	130	96	86	76	74	73	2
<u>Carlsbad Caverns</u>	Maintenance Area	137	67	66	66	66	65	0
<u>Colorado</u>	Maintenance Yard	150	67	67	67	67	67	0
<u>Cumberland Gap</u>	Hensley Settlement	149	88	88	87	85	82	4
<u>Dinosaur</u>	West Entrance Housing	163	68	64	63	63	63	0
<u>Joshua Tree</u>	Pinto Wells	138	83	83	82	81	78	0
<u>Mojave</u>	Kelso Mountains	118	101	91	89	88	87	6
<u>Natchez Trace Parkway</u>	Dancy Ranger Station	184	73	73	70	70	69	0
<u>Olympic</u>	Hurricane Ridge Portable	40	56	53	51	51	45	0
<u>Padre Island</u>	Malaquite Visitor Center	161	80	78	75	75	72	0
<u>Yosemite</u>	School Yard	195	72	67	66	66	66	0

^a The primary and secondary National Ambient Air Quality Standard for ozone is 0.08 ppm over an 8-hour period. (An exceedance of the standard occurs when an 8-hour average ozone concentration is greater than or equal to 85 ppb. A violation of the standard occurs when the 3-year average of the fourth highest daily maximum 8-hour average ozone concentration equals or exceeds 85 ppb.) Exceedances of the standard are highlighted here in orange or red.

Note: The color coding break points follow the color categories used on the EPA's AIRNow Web Site (<http://www.airnow.gov>). Dashed lines represent no data available at that site.

Operating agency key: plain text = site operated by the National Park Service *italics* = site operated by a state agency
underline = site operated by the National Park Service, but consisting of non-EPA certified portable instrumentation

Color shading key: 4th highest 8-hour average = 85 - 105 ppb ozone concentration # days with 8-hour average ≥85 ppb = 4 - 10 days
 > 105 ppb ozone concentration > 10 days

Note: On March 12, 2008, the EPA revised the ozone standard from 0.08 ppm to 75 ppb. 8-hour average ozone concentrations > 75 ppb will exceed the new ozone standard.