

Table 3. 2007 Ozone violation summary - primary standard^a.

National Park Unit	Site Name	2005 - 2007	2004 - 2006	2003 - 2005	2002 - 2004	2001 - 2003	2000 - 2002	1999 - 2001	1998 - 2000
Sites operated by the National Park Service									
Badlands	Visitor Center	68	67	(66)	(64)	(67)	---	---	---
Big Bend	K-Bar Ranch Road	66	63	63	62	62	(62)	(63)	66
Canyonlands	Island in the Sky	69	69	71	72	70	(71)	(71)	73
Chiricahua	Entrance Station	71	72	71	70	69	69	70	70
Craters of the Moon	Visitor Center	(67)	---	---	67	(65)	(63)	(63)	66
Death Valley	Park Village	84	82	81	80	81	81	79	80
Denali	Headquarters	52	51	52	53	54	49	49	48
Glacier	West Glacier Horse Stables	55	54	56	55	53	49	48	51
Grand Canyon	The Abyss	72	73	74	74	74	73	72	73
Great Basin	Maintenance Yard	73	72	72	72	70	72	72	73
Great Smoky Mountains	Clingmans Dome	(83)	(80)	(79)	(87)	(92)	(98)	(98)	(102)
Great Smoky Mountains	Cove Mountain	82	77	78	86	92	96	96	101
Great Smoky Mountains	Look Rock	86	84	86	91	92	94	96	104
Joshua Tree	Black Rock	103	103	105	106	99	94	92	102
Joshua Tree	Cottonwood Canyon	(66)	(62)	(45)	---	---	---	---	---
Lassen Volcanic	Manzanita Lake Fire Station	72	69	68	71	72	74	77	78
Mammoth Cave	Houchin Meadow	76	72	73	77	80	84	88	94
Mesa Verde	Resource Management Area	73	73	70	68	67	69	69	70
Mount Rainier	Tahoma Woods	(56)	(58)	(61)	63	61	56	60	57
North Cascades	Marblemount Ranger Stn	(47)	(48)	(51)	51	50	46	48	46
Petrified Forest	South Entrance	(70)	(70)	(71)	(66)	(64)	(55)	---	---
Pinnacles	SW of East Entrance Station	74	75	75	80	81	81	(79)	(82)
Rocky Mountain	Long's Peak	75	74	77	82	81	78	74	77
Sequoia and Kings Canyon	Ash Mountain	(103)	(103)	(105)	(105)	(107)	(105)	(104)	(105)
Sequoia and Kings Canyon	Lower Kaweah	95	96	97	101	101	98	(94)	(93)
Shenandoah	Big Meadows	77	77	(80)	82	87	85	87	93
Voyageurs	Sullivan Bay	(65)	64	66	64	65	(64)	67	68
Yellowstone	Water Tank	64	63	61	63	65	65	67	67
Yosemite	Turtleback Dome	86	86	88	90	90	89	86	88
Zion	Dalton's Wash	79	80	(82)	(74)	---	---	---	---
# park units with violations:		4	3	4	4	5	5	6	6
# sites with violations:		5	4	5	7	8	8	9	9
Sites operated by cooperating state agencies									
Acadia	Cadillac Mountain	82	80	82	88	94	93	89	87
Acadia	McFarland Hill	74	71	74	80	87	84	85	83
Cape Cod	Cape Cod	84	84	86	88	95	93	96	89
Chamizal	Chamizal	74	73	72	78	79	81	75	(79)
Congaree	Congaree Bluff	71	71	71	74	77	77	(74)	(73)
Cowpens	State Monitor	73	74	75	80	84	87	87	92
Great Smoky Mountains	Cades Cove	70	67	(67)	73	76	79	81	(85)
Great Smoky Mountains	Purchase Knob	77	75	78	82	86	88	87	90
Mount Rainier	Jackson Visitor's Center	61	(60)	(59)	---	---	---	---	---
Saguaro	Pima County	76	76	(76)	(75)	(73)	72	69	(71)
Theodore Roosevelt	Painted Canyon Visitor Cntr	63	60	59	60	61	59	58	(57)
Wind Cave	Visitor Center	70	(71)	(70)	---	---	---	---	---
# park units with violations:		0	0	1	2	3	4	4	4
# sites with violations:		0	0	1	2	4	4	5	5

Table 3. 2007 Ozone violation summary - primary standard^a (continued).

National Park Unit	Site Name	2005 - 2007	2004 - 2006	2003 - 2005	2002 - 2004	2001 - 2003	2000 - 2002	1999 - 2001	1998 - 2000
Nearby sites operated by other agencies									
<i>Alabama-Coushatta</i>	CASTNet Site	(70)	(71)	(72)	---	---	---	---	---
<i>Appalachian Trail</i>	Mount Greylock Summit	(81)	(78)	(80)	---	---	---	---	---
<i>Blue Ridge Parkway</i>	7510 Blue Ridge Parkway	69	69	71	---	---	---	---	---
<i>Blue Ridge Parkway</i>	Barnet Knob Firetower Road	(76)	(73)	(72)	---	---	---	---	---
<i>Blue Ridge Parkway</i>	Frying Pan Mountain	79	78	78	---	---	---	---	---
<i>Blue Ridge Parkway</i>	Route 191	74	74	74	---	---	---	---	---
<i>Blue Ridge Parkway</i>	Ranger Station	69	69	71	---	---	---	---	---
<i>Blue Ridge Parkway</i>	Vinton Elementary	76	74	74	---	---	---	---	---
<i>Boston Harbor Islands</i>	Former Nike Missile Site	(79)	81	81	---	---	---	---	---
<i>Cuyahoga Valley</i>	800 Patterson	85	81	85	---	---	---	---	---
<i>Everglades</i>	Cutler Road	69	68	66	---	---	---	---	---
<i>George Washington Pkwy</i>	Alexandria Health	83	81	81	---	---	---	---	---
<i>Guilford Courthouse</i>	Mendenhall Middle School	(82)	(81)	(82)	---	---	---	---	---
<i>Indiana Dunes</i>	Ammunition Bunker	82	75	76	---	---	---	---	---
<i>Indiana Dunes</i>	Gas Station	77	76	78	---	---	---	---	---
<i>Indiana Dunes</i>	Water Treatment Plant	81	76	78	---	---	---	---	---
<i>Mississippi</i>	Anoka County Airport	69	66	68	---	---	---	---	---
<i>Mississippi</i>	Somerset Town Hall	71	67	(69)	---	---	---	---	---
<i>Mississippi</i>	Washington County	(72)	(67)	(68)	---	---	---	---	---
<i>Petroglyph</i>	Westside Taylor Ranch	72	71	72	---	---	---	---	---
<i>Rock Creek</i>	Achbold Parkway	81	80	78	---	---	---	---	---
<i>Saratoga</i>	Stillwater	79	77	82	---	---	---	---	---
<i>Saugus Iron Works</i>	Lynn Water Treatment	84	83	83	---	---	---	---	---
# park units with violations:		1	0	1	0	0	0	0	0
# sites with violations:		1	0	1	0	0	0	0	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>).

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
 > 105 ppb ozone concentration

Note: A number in parenthesis () indicates that data completeness was not met. The primary standard requires 90 percent data completeness, on average, during the 3-year period, with no single year within the period having less than 75 percent data completeness. This data completeness requirement would have to be satisfied in order to determine that the standard has been met at a monitoring site. However, calendar years with less than 75 percent data completeness are included in the computation if the annual fourth-highest daily maximum 8-hour concentration is greater than the level of the standard. A site could be found not to have met the standard with less than complete data.

Dashed lines represent no data available at that site.

Note: On March 12, 2008, the EPA revised the ozone standard from 0.08 ppm to 75 ppb. In future years, 3-year average of the fourth highest daily maximum 8-hour average ozone concentrations greater than 75 ppb will violate the new ozone standard.