

Ozone Concentrations in the Parks

3-yr rolling avg 4th high daily 8-hr average
ppb units

Park Name	Park code	Years of data	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Acadia - Cadillac Mtn	ACAD-CM	10															79	87	89	89	93	94	88	82	80	
Acadia - McFarland Hill	ACAD-MH	22			88	85	87	97	94	93	86	88	85	78	82	79	80	79	85	85	84	87	80	74		
Badlands	BADL	2																								67
Big Bend	BIBE	14											60	64	65	69	67	68	65	63	62	62	62	63	63	
Cape Cod	CACO	18							109	110	104	101	98	90	93	96	100	93	95	96	93	89	88	86	84	
Canyonlands	CANY	13												63	64	68	68	70	70	71	71	70	72	71	69	
Chamizal	CHAM	13												68	72	79	77	79	76	75	81	79	78	72	73	
Chiricahua	CHIR	16									68	68	68	68	69	70	68	68	68	70	69	69	70	71	72	
Channel Islands	CHIS	13								64	63	72				78	73	68	66	66	65	64	68			
Congaree Swamp	COSW	24	59	63	70	70	68	69	68	75	73	71	62	64	67	71	71	73	75	76	77	77	74	71	71	
Cowpens	COWP	17								88	77	78	81	83	82	82	84	88	93	87	87	84	80	75	74	
Craters of the Moon	CRMO	13												52	58	61	60	63	64	63	63	65	67	60	52	
Denali	DENA	18						47	49	47	49	49	49	49	50	51	52	52	53	49	49	54	53	52	51	
Death Valley	DEVA	11														76	74	79	79	79	81	81	80	81	82	
Everglades	EVER	18					65	69	65	61	59	61	63	62	61	62	67	68	64	60	60	62				
Glacier	GLAC	16									52	50	48	50	47	51	46	50	47	48	49	53	55	56	54	
Great Basin	GRBA	12													62	70	71	72	72	72	72	70	72	72	72	
Grand Canyon	GRCA	17								54	64	68	68	67	67	70	71	72	73	72	73	74	74	74	73	
Great Smoky Mountains - Cades Cove	GRSM-CC	11														76	76	79	83	81	79	76	73	67	67	
Great Smoky Mountains - Clingmans Dome	GRSM-CD	12													79	84	88	94	98	98	98	92	87	79	80	
Great Smoky Mountains - Cove Mtn	GRSM-CM	17								84	82	84	85	87	90	91	93	97	100	96	96	92	86	78	77	
Great Smoky Mountains - Look Rock	GRSM-LR	20			94		89	85	84	84	86	85	89	93	93	95	98	104	96	94	92	91	86	84		
Great Smoky Mountains - Purchase Knob	GRSM-PK	4																					82	78	76	
Hawaii Volcanoes	HAVO-TH	6																			39	40	42	36		
Joshua Tree	JOTR	18						103	98	100	102	101	103	102	108	109	112	109	92	94	99	106	105	105	103	
Lava Beds	LAVO	17								73	72	70	65	69	72	75	71	72	76	77	74	72	71	68	69	
Mammoth Cave	MACA	20					87	95	95	92	81	78	74	73	78	81	85	88	93	88	84	80	77	73	72	
Mesa Verde	MEVE	12													61	65	65	67	66	69	69	67	68	70	73	
Mount Rainier	MORA	12													62	65	56	52	51	60	56	61	63	61	58	
North Cascades	NOCA	9																43	43	48	46	50	51	51	48	
Olympic	OLYM	16								45	41	44	43	43	42	43	45	44	43	44	39	39	40			
Petrified Forest	PEFO	9						69	68	70	63											66	67	71	70	
Pinnacles	PINN	18							90	83	82	83	83	81	81	85	84	86	82	79	81	81	80	75	75	
Rocky Mountain	ROMO	18						72	67	66	68	72	72	74	74	72	74	74	74	74	78	81	82	77	74	
Saguaro	SAGU	23	71	76	75	72	71	70	74	73	74	76	78	81	79	79	77	74	69	72	73	75	76	76		
Sequoia-Kings Canyon - Ash Mtn	SEKI-AM	7																		104	105	107	105	105	103	
Sequoia-Kings Canyon - Lower Kaweah	SEKI-LK	21			102	99	97	94	95	95	98	101	104	102	102	99	98	96	94	98	101	101	97	96		
Sequoia-Kings Canyon - Lookout Point	SEKI-LP	9														101	99	102	103	103	104	102				
Shenandoah	SHEN-BM	22			80	76	75	88	86	86	80	82	81	81	84	83	85	92	96	87	85	87	82	80	77	
Theodore-Roosevelt	THRO	22		59	57	54	58	61	64	62	59	57	56	56	58	62	62	61	58	59	61	60	59	60		
Virgin Islands	VIIS	24																		45	47	46	44			
Voyageurs	VOYA	18						58	57	50	55	57	60	62	65	69	68	70	67	64	65	64	66	64		
Yellowstone	YELL	18						63	61	58	58	58	59	58	60	60	62	65	67	65	65	63	61	63		
Yosemite - Merced River	YOMR	4																					67	63		
Yosemite - Turtleback Dome	YOSE-TD	14									89			94	92	91	87	88	86	86	89	90	88	88	86	
Zion	Zion	2																							80	