



## 2006-2010 5-Year Average Ozone Estimates

\* See end of table for statistics definitions and more info

ALPHA	PARK NAME	CLASS	STATE	REGION	ppb	ppm-hrs	ppm-hrs
					4th Highest 8-hr	SUM06	3-Mo Cumulative 12-Hr W126
ABLI	Abraham Lincoln Birthplace NHS	2	KY	Southeast	73.1	15.7	12.0
ACAD	Acadia NP	1	ME	Northeast	68.6	4.3	4.6
ADAM	Adams NHS	2	MA	Northeast	75.2	9.8	8.5
AFBG	African Burial Ground NM	2	NY	Northeast	79.3	14.4	11.8
AGFO	Agate Fossil Beds NM	2	NE	Midwest	67.3	9.8	12.1
ALAG	Alagnak Wild River	2	AK	Alaska	NA	NA	NA
ALFL	Alibates Flint Quarries NM	2	TX	Intermountain	65.3	9.1	8.8
ALPO	Allegheny Portage Railroad NHS	2	PA	Northeast	72.2	13.1	10.3
AMIS	Amistad NRA	2	TX	Intermountain	69.1	9.2	8.0
ANDE	Andersonville NHS	2	GA	Southeast	74.1	15.5	12.0
ANIA	Aniakchak Preserve NM & Pres	2	AK	Alaska	NA	NA	NA
ANJO	Andrew Johnson NHS	2	TN	Southeast	73.6	15.3	12.0
ANTI	Antietam NB	2	MD	National Capital	74.3	15.5	12.2
APCO	Appomattox Court House NHP	2	VA	Northeast	70.6	11.9	9.8
APIS	Apostle Islands NL	2	WI	Midwest	60.4	3.1	4.2
ARCH	Arches NP	1	UT	Intermountain	68.1	17.3	13.3
ARHO	Arlington House Robert E. Lee	2	VA	National Capital	79.4	19.6	15.4
ARPO	Arkansas Post NM	2	AR	Midwest	72.5	13.6	10.6
ASIS	Assateague Island NS	2	MD	Northeast	78.2	17.2	13.4
AZRU	Aztec Ruins NM	2	NM	Intermountain	67.5	17.1	13.1
BADL	Badlands NP	1	SD	Midwest	58.0	4.2	5.3
BAND	Bandelier NM	1	NM	Intermountain	66.3	13.9	11.6
BELA	Bering Land Bridge NPres	2	AK	Alaska	NA	NA	NA
BEOL	Bents Old Fort NHS	2	CO	Intermountain	74.0	22.5	17.7
BIBE	Big Bend NP	1	TX	Intermountain	66.1	10.1	10.1
BICA	Bighorn Canyon NRA	2	MT	Intermountain	65.4	12.3	10.7
BICY	Big Cypress NPres	2	FL	Southeast	66.5	6.9	6.6
BIHO	Big Hole NB	2	MT	Pacific West	65.2	9.6	8.5
BISC	Biscayne NP	2	FL	Southeast	67.4	6.3	6.3
BISO	Big South Fork NR and NRA	2	TN	Southeast	72.1	15.4	11.9
BITH	Big Thicket NPres	2	TX	Intermountain	76.8	9.6	7.9
BLCA	Black Canyon of the Gunnison NP	1	CO	Intermountain	67.2	14.7	12.1
BLRI	Blue Ridge Parkway	2	VA	Southeast	74.4	16.9	12.9
BLUE	Bluestone NSR	2	WV	Northeast	70.7	12.9	10.2
BOAF	Boston African American NHS	2	MA	Northeast	74.7	9.4	8.2
BOHA	Boston Harbor Islands NRA	2	MA	Northeast	75.2	9.8	8.5
BOST	Boston NHP	2	MA	Northeast	74.8	9.4	8.2
BOWA	Booker T. Washington NM	2	VA	Northeast	72.3	14.7	11.5
BRCA	Bryce Canyon NP	1	UT	Intermountain	70.9	23.5	16.5
BRCR	Brices Cross Roads NBS	2	MS	Southeast	71.8	13.5	10.6
BRVB	Brown V Board of Education NHS	2	KS	Midwest	69.5	9.8	8.9
BUFF	Buffalo NR	2	AR	Midwest	69.3	9.1	8.1
BUIS	Buck Island Reef NM	2	VI	Southeast	NA	NA	NA
CABR	Cabrillo NM	2	CA	Pacific West	71.8	10.8	9.9
CACH	Canyon de Chelly NM	2	AZ	Intermountain	67.8	17.6	13.5
CACL	Castle Clinton NM	2	NY	Northeast	79.6	14.9	12.1
CACO	Cape Cod NS	2	MA	Northeast	76.9	10.9	9.3
CAGR	Casa Grande NM	2	AZ	Intermountain	71.9	20.1	14.8
CAHA	Cape Hatteras NS	2	NC	Southeast	71.9	13.6	10.9

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CAKR	Cape Krusenstern NM	2	AK	Alaska	NA	NA	NA
CALO	Cape Lookout NS	2	NC	Southeast	68.9	10.5	8.9
CANA	Canaveral NS	2	FL	Southeast	67.5	8.7	8.1
CANY	Canyonlands NP	1	UT	Intermountain	68.9	18.5	13.9
CARE	Capitol Reef NP	1	UT	Intermountain	71.0	20.9	15.4
CARI	Cane River Creole NHP	2	LA	Southeast	73.1	11.3	9.1
CARL	Carl Sandburg Home NHS	2	NC	Southeast	73.1	13.4	11.3
CASA	Castillo San Marcos NM	2	FL	Southeast	68.6	9.5	8.5
CATO	Catoctin Mountain Park	2	MD	National Capital	75.1	16.4	12.8
CAVE	Carlsbad Caverns NP	1	NM	Intermountain	69.5	13.5	11.2
CAVO	Capulin Mountain Volcano NM	2	NM	Intermountain	69.6	17.7	14.2
CAWO	Carter G. Woodson NHS	2	DC	National Capital	79.4	19.7	15.4
CEBE	Cedar Creek & Belle Grove NHP	2	VA	Northeast	71.7	13.0	10.5
CEBR	Cedar Breaks NM	2	UT	Intermountain	70.9	25.2	17.0
CHAM	Chamizal NMem	2	TX	Intermountain	70.2	12.1	10.6
CHAT	Chattahoochee River NRA	2	GA	Southeast	81.3	20.9	15.9
CHCH	Chickamauga and Chattanooga NMP	2	TN	Southeast	75.5	18.4	13.9
CHCU	Chaco Culture NHP	2	NM	Intermountain	67.3	16.4	12.7
CHIC	Chickasaw NRA	2	OK	Intermountain	74.8	16.2	12.6
CHIR	Chiricahua NM	1	AZ	Intermountain	68.0	16.6	13.2
CHIS	Channel Islands NP	2	CA	Pacific West	66.4	8.3	7.8
CHOH	Chesapeake and Ohio Canal NHP	2	MD	National Capital	75.2	16.1	12.7
CHPI	Charles Pickney NHS	2	SC	Southeast	67.2	9.5	7.8
CHRI	Christiansted NHS	2	VI	Southwest	NA	NA	NA
CHSC	Little Rock Central High School NHS	2	AR	Midwest	72.4	12.2	9.7
CIRO	City of Rocks NR	2	ID	Pacific West	71.9	17.9	14.4
CLBA	Clara Barton NHS	2	MD	Northeast	78.9	19.1	15.0
COLM	Colorado NM	2	CO	Intermountain	65.1	13.6	11.4
COLO	Colonial NHP	2	VA	Northeast	76.1	17.2	13.6
CORO	Coronado NMem	2	AZ	Intermountain	68.1	15.4	12.3
COSW	Congaree Swamp NM	2	SC	Southeast	70.9	14.7	11.0
COWP	Cowpens NB	2	SC	Southeast	73.9	15.3	12.4
CRLA	Crater Lake NP	1	OR	Pacific West	65.0	6.3	6.2
CRMO	Craters of the Moon NM	1	ID	Pacific West	66.5	11.2	10.7
CUGA	Cumberland Gap NHP	2	KY	Southeast	72.7	15.7	12.1
CUIS	Cumberland Island NS	2	GA	Southeast	67.7	8.3	7.7
CURE	Curecanti NRA	2	CO	Intermountain	67.8	15.0	12.2
CUVA	Cuyahoga Valley NP	2	OH	Midwest	74.7	13.9	10.8
DAAV	Dayton Aviation Heritage NHP	2	OH	Midwest	75.6	17.7	13.6
DENA	Denali NP & Pres	1	AK	Alaska	NA	NA	NA
DEPO	Devils Postpile NM	2	CA	Pacific West	89.5	31.3	26.0
DESO	De Soto NMem	2	FL	Southeast	71.9	10.3	8.9
DETO	Devils Tower NM	2	WY	Intermountain	64.3	8.2	8.0
DEVA	Death Valley NP	2	CA	Pacific West	80.0	36.7	25.8
DEWA	Delaware Water Gap NRA	2	PA	Northeast	75.6	13.4	10.8
DINO	Dinosaur NM	2	CO	Intermountain	65.1	12.0	11.0
DRTO	Dry Tortugas NP	2	FL	Southeast	69.1	8.8	7.9
EBLA	Ebey's Landing NHR	2	WA	Pacific West	51.3	1.3	1.5
EDAL	Edgar Allan Poe NHS	2	PA	Northeast	80.4	19.5	15.0
EDIS	Edison NHS	2	NJ	Northeast	79.3	15.1	12.2
EFMO	Effigy Mounds NM	2	IA	Midwest	64.1	5.0	5.8
EISE	Eisenhower NHS	2	PA	Northeast	75.5	16.5	12.8
ELMA	El Malpais NM	2	NM	Intermountain	67.5	16.1	12.6
ELMO	El Morro NM	2	NM	Intermountain	67.6	16.4	12.8
ELRO	Eleanor Roosevelt NHS	2	NY	Northeast	76.0	10.7	9.2
EUON	Eugene O'Neill NHS	2	CA	Pacific West	63.7	5.2	4.8
EVER	Everglades NP	1	FL	Southeast	66.9	6.8	6.6
FEHA	Federal Hall NM	2	NY	Northeast	79.6	14.9	12.1

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ALPHA	PARK NAME	CLASS	STATE	REGION	ppb	ppm-hrs	ppm-hrs
					4th Highest 8-hr	SUM06	3-Mo Cumulative 12-Hr W126
FIIS	Fire Island NS	2	NY	Northeast	81.6	15.1	12.3
FILA	First Ladies NHS	2	OH	Midwest	74.7	15.3	11.9
FLFO	Florissant Fossil Beds NM	2	CO	Intermountain	73.7	23.3	17.8
FLNI	Flight 93 NM	2	PA	Northeast	72.0	13.4	10.5
FOBO	Fort Bowie NHS	2	AZ	Intermountain	68.2	16.9	13.3
FOBU	Fossil Butte NM	2	WY	Intermountain	68.1	14.4	12.3
FOCA	Fort Caroline NMem	2	FL	Southeast	69.0	9.7	8.6
FODA	Fort Davis NHS	2	TX	Intermountain	68.8	12.1	10.6
FODO	Fort Donelson NC	2	TN	Southeast	72.2	14.9	11.6
FOFR	Fort Frederica NM	2	GA	Southeast	66.8	7.6	7.1
FOLA	Fort Laramie NHS	2	WY	Intermountain	70.8	15.4	14.8
FOLS	Fort Larned NHS	2	KS	Midwest	69.7	13.9	10.8
FOMA	Fort Matanzas NM	2	FL	Southeast	67.9	9.0	8.2
FOMC	Fort McHenry NM & Hist Shrine	2	MD	Northeast	80.0	20.7	16.1
FONE	Fort Necessity NB	2	PA	Northeast	72.2	12.8	10.2
FOPO	Fort Point NHS	2	CA	Pacific West	56.5	2.3	2.5
FOPU	Fort Pulaski NM	2	GA	Southeast	67.0	8.3	7.1
FORA	Fort Raleigh NHS	2	NC	Southeast	72.8	14.5	11.5
FOSC	Fort Scott NHS	2	KS	Midwest	69.4	11.2	9.0
FOSM	Fort Smith NHS	2	AR	Midwest	70.1	11.1	9.2
FOST	Fort Stanwix NM	2	NY	Northeast	68.4	6.6	6.4
FOSU	Fort Sumter NM	2	SC	Southeast	67.1	9.5	7.8
FOTH	Ford's Theater NHS	2	DC	National Capital	79.4	19.7	15.4
FOUN	Fort Union NM	2	NM	Intermountain	67.0	14.7	12.0
FOUS	Fort Union Trading Post NHS	2	MT	Midwest	60.2	3.0	5.2
FOVA	Fort Vancouver NHS	2	WA	Pacific West	61.1	3.0	3.0
FOWA	Fort Washington Park	2	MD	National Capital	79.4	19.5	15.4
FRDO	Frederick Douglas NHS	2	DC	National Capital	79.4	19.6	15.4
FRHI	Friendship Hill NHS	2	PA	Northeast	72.5	12.9	10.2
FRLA	Frederick Law Olmsted NHS	2	MA	Northeast	74.7	9.4	8.2
FRSP	Fredericksburg & Spotsylvania NMP	2	VA	Northeast	75.2	14.3	11.8
GAAR	Gates of the Arctic NP & Preserve	2	AK	Alaska	NA	NA	NA
GARI	Gauley River NRA	2	WV	Northeast	70.4	11.9	9.7
GATE	Gateway NRA	2	NY	Northeast	79.8	14.9	12.1
GEGR	General Grant NM	2	NY	Northeast	79.3	14.4	11.8
GERO	George Rogers Clark NHP	2	IN	Midwest	71.3	12.9	10.4
GETT	Gettysburg NMP	2	PA	Northeast	75.5	16.5	12.8
GEWA	George Washington Birthplace NM	2	VA	Northeast	78.9	19.1	15.0
GICL	Gila Cliff Dwellings NM	2	NM	Intermountain	65.3	10.4	9.9
GLAC	Glacier NP	1	MT	Intermountain	53.8	1.5	2.5
GLBA	Glacier Bay NP & Preserve	2	AK	Alaska	NA	NA	NA
GLCA	Glen Canyon NRA	2	UT	Intermountain	70.0	20.7	15.1
GOGA	Golden Gate NRA	2	CA	Pacific West	54.2	1.8	2.1
GOIS	Governors Island NM	2	NY	Northeast	79.6	14.9	12.1
GOSP	Golden Spike NHS	2	UT	Intermountain	73.3	20.2	15.5
GRBA	Great Basin NP	2	NV	Pacific West	71.8	19.3	14.8
GRCA	Grand Canyon NP	1	AZ	Intermountain	70.9	23.4	16.7
GREE	Greenbelt Park	2	MD	National Capital	79.8	20.2	15.8
GRKO	Grant-Kohrs Ranch NHS	2	MT	Intermountain	63.3	8.9	7.9
GRPO	Grand Portage NM	2	MN	Midwest	62.1	3.8	4.8
GRSA	Great Sand Dunes NP & Pres	1	CO	Intermountain	71.3	20.4	15.9
GRSM	Great Smoky Mountains NP	1	TN	Southeast	73.8	15.8	12.1
GRTE	Grand Teton NP	1	WY	Intermountain	66.3	13.4	11.3
GUCO	Guilford Courthouse NMP	2	NC	Southeast	76.1	18.9	14.3
GUIS	Gulf Islands NS	2	MS	Southeast	76.5	14.0	11.3
GUMO	Guadalupe Mountains NP	1	TX	Intermountain	70.0	12.8	10.9
GWCA	George Washington Carver NM	2	MO	Midwest	69.2	10.9	8.9
GWMP	George Washington Mem PKWY	2	MD	National Capital	79.4	19.6	15.4

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ALPHA	PARK NAME	CLASS	STATE	REGION	ppb	ppm-hrs	ppm-hrs
					4th Highest 8-hr	SUM06	3-Mo Cumulative 12-Hr W126
HAFE	Harpers Ferry NHP	2	WV	National Capital	74.8	15.6	12.4
HAFO	Hagerman Fossil Beds NM	2	ID	Pacific West	70.3	13.3	10.9
HAGR	Hamilton Grange NMem	2	NY	Northeast	79.1	13.8	11.4
HALE	Haleakala NP	1	HI	Pacific West	NA	NA	NA
HAMP	Hampton NHS	2	MD	Northeast	79.6	20.3	15.8
HAVO	Hawaii Volcanoes NP	1	HI	Pacific West	NA	NA	NA
HEHO	Herbert Hoover NHS	2	IA	Midwest	65.1	5.7	6.0
HOBE	Horseshoe Bend NMP	2	AL	Southeast	74.0	15.3	11.8
HOCU	Hopewell Culture NHP	2	OH	Midwest	73.5	15.7	12.0
HOFR	Home of Franklin D. Roosevelt NHS	2	NY	Northeast	76.0	10.7	9.2
HOFU	Hopewell Furnace NHS	2	PA	Northeast	78.0	17.7	13.7
HOME	Homestead NM of America	2	NE	Midwest	61.1	5.0	5.1
HOSP	Hot Springs NP	2	AR	Midwest	69.7	9.7	8.1
HOVE	Hovenweep NM	2	CO	Intermountain	68.0	15.8	12.6
HSTR	Harry S. Truman NHS	2	MO	Midwest	71.8	12.5	10.4
HUTR	Hubbel Trading Post NHS	2	AZ	Intermountain	68.3	19.0	14.4
INDE	Independence NHP	2	PA	Northeast	80.4	19.7	15.2
INDU	Indiana Dunes NL	2	IN	Midwest	69.8	8.4	7.3
ISRO	Isle Royale NP	1	MI	Midwest	64.4	4.6	5.3
JAGA	James A. Garfield NHS	2	OH	Midwest	75.6	13.7	10.7
JECA	Jewel Cave NM	2	SD	Midwest	61.3	7.5	7.6
JEFF	Jefferson National Expansion Mem NHS	2	MO	Midwest	74.5	15.0	11.9
JELA	Jean Lafitte NPres	2	LA	Southeast	74.4	12.4	9.9
JICA	Jimmy Carter NHS	2	GA	Southeast	72.7	14.5	11.2
JODA	John Day Fossil Beds NM	2	OR	Pacific West	63.4	3.9	4.2
JODR	John D. Rockefeller, Jr. Mem Parkway NM	2	WY	Intermountain	66.1	12.7	11.0
JOFI	John Fitzgerald Kennedy NHS	2	MA	Northeast	74.7	9.4	8.2
JOFL	Johnstown Flood NMem	2	PA	Northeast	72.3	13.3	10.4
JOMU	John Muir NHS	2	CA	Pacific West	62.1	4.5	4.2
JOTR	Joshua Tree NP	1	CA	Pacific West	85.2	34.1	25.4
KAHO	Kaloko-Honokohau NHP	2	HI	Pacific West	NA	NA	NA
KALA	Kalaupapa NHP	2	HI	Pacific West	NA	NA	NA
KATM	Katmai NP & Preserve	2	AK	Alaska	NA	NA	NA
KEFJ	Kenai Fjords NP	2	AK	Alaska	NA	NA	NA
KEMO	Kennesaw Mountain NBP	2	GA	Southeast	80.7	20.7	15.8
KEWE	Keweenaw NHP	2	MI	Midwest	65.6	5.2	5.7
KICA	Kings Canyon NP	1	CA	Pacific West	92.7	48.9	38.6
KIMO	Kings Mtn. NMP	2	SC	Southeast	75.0	17.4	13.4
KLGO	Klondike Gold Rush NHP	2	AK	Alaska	NA	NA	NA
KNRI	Knife River Indian Villages NHS	2	ND	Midwest	59.2	3.1	4.1
KOVA	Kobuk Valley NP	2	AK	Alaska	NA	NA	NA
LABE	Lava Beds NM	1	CA	Pacific West	70.1	15.3	12.0
LACH	Lake Chelan NRA	2	WA	Pacific West	58.1	2.7	2.8
LACL	Lake Clark NP & Preserve	2	AK	Alaska	NA	NA	NA
LAME	Lake Mead NRA	2	NV	Pacific West	75.0	26.1	18.5
LAMR	Lake Meredith NRA	2	TX	Intermountain	65.3	9.1	8.8
LARO	Lake Roosevelt NRA	2	WA	Pacific West	60.1	3.6	4.1
LAVO	Lassen Volcanic NP	1	CA	Pacific West	74.9	22.0	16.2
LEWI	Lewis and Clark NHP	2	OR	Pacific West	60.4	2.9	3.0
LIBI	Little Bighorn NM	2	MT	Intermountain	64.7	11.0	9.9
LIBO	Lincoln Boyhood NMem	2	IN	Midwest	73.4	16.2	12.5
LIHO	Lincoln Home NHS	2	IL	Midwest	69.1	9.4	8.4
LIRI	Little River Canyon NPres	2	AL	Southeast	73.9	17.4	13.0
LONG	Longfellow NHS	2	MA	Northeast	74.7	9.4	8.2
LOWE	Lowell NHP	2	MA	Northeast	73.3	8.3	7.4
LYBA	Lyndon Baines Johnson NMem	2	VA	National Capital	79.4	19.6	15.4
LYJO	Lyndon B. Johnson NHP	2	TX	Intermountain	74.0	10.2	8.2
MABI	Marsh-Billings_Rockefeller NHP	2	VT	Northeast	67.9	5.1	5.1

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MACA	Mammoth Cave NP	1	KY	Southeast	72.4	15.8	12.1
MALU	Martin Luther King, Jr. NHS	2	GA	Southeast	82.1	21.4	16.4
MALW	Maggie L. Walker NHS	2	VA	Northeast	76.6	16.2	13.0
MAMC	Mary McLeod Bethune Council House NHS	2	DC	National Capital	79.4	19.7	15.4
MANA	Manassas NBP	2	VA	National Capital	76.2	15.9	12.9
MANZ	Manzanar NHS	2	CA	Pacific West	91.1	50.1	38.8
MAVA	Martin Van Buren NHS	2	NY	Northeast	72.9	8.5	7.5
MEVE	Mesa Verde NP	1	CO	Intermountain	67.6	15.9	12.5
MIIN	Minidoka Internment NM	2	ID	Pacific West	69.4	13.6	11.8
MIMA	Minute Man NHP	2	MA	Northeast	74.3	9.1	8.0
MIMI	Minuteman Missile NHS	2	SD	Midwest	56.1	1.9	3.7
MISS	Mississippi NRA	2	MN	Midwest	64.6	5.3	5.8
MNRR	Missouri NRR	2	NE	Midwest	60.7	3.1	4.6
MOCA	Montezuma Castle NM	2	AZ	Intermountain	74.0	22.8	17.9
MOCR	Moore's Creek NB	2	NC	Southeast	69.5	12.6	10.0
MOJA	Mojave NPres	2	CA	Pacific West	78.9	32.3	23.3
MONO	Monocacy NB	2	MD	National Capital	76.9	17.8	13.9
MORA	Mount Rainier NP	1	WA	Pacific West	61.6	3.1	3.2
MORR	Morristown NHP	2	NJ	Northeast	79.4	16.2	12.9
MORU	Mount Rushmore NMem	2	SD	Midwest	59.8	6.3	6.7
MUWO	Muir Woods NM	2	CA	Pacific West	55.2	2.0	2.3
NABR	Natural Bridges NM	2	UT	Intermountain	68.4	17.8	13.6
NACC	National Mall & Memorial Parks	2	DC	National Capital	79.4	19.6	15.4
NAMA	National Mall	2	DC	National Capital	79.4	19.7	15.4
NATC	Natchez NHP	2	MS	Southeast	73.6	12.2	9.7
NATR	Natchez Trace Parkway	2	MS	Southeast	69.9	11.2	9.0
NAVA	Navajo NM	2	AZ	Intermountain	68.7	19.6	14.8
NEBE	New Bedford Whaling NHP	2	MA	Northeast	77.7	11.1	9.4
NEPE	Nez Perce NHP	2	MT	Pacific West	64.5	6.9	5.7
NERI	New River Gorge NR	2	WV	Northeast	70.6	12.5	10.0
NICO	Nicodemus NHS	2	KS	Midwest	67.9	13.7	10.6
NIOB	Niobrara NSR	2	NE	Midwest	59.0	3.9	4.7
NISI	Ninety Six NHS	2	SC	Southeast	72.2	14.4	11.1
NOAT	Noatak NPres	2	AK	Alaska	NA	NA	NA
NOCA	North Cascades NP	1	WA	Pacific West	55.5	2.1	2.3
NPSA	The National Park of American Samoa	2	AS	Pacific West	NA	NA	NA
OBRI	Obed Wild and Scenic River	2	TN	Southeast	74.5	17.9	13.6
OCMU	Ocmulgee NM	2	GA	Southeast	78.8	19.2	14.6
OLYM	Olympic NP	1	WA	Pacific West	54.3	1.5	1.8
ORCA	Oregon Caves NM	2	OR	Pacific West	64.2	7.9	6.8
ORPI	Organ Pipe Cactus NM	2	AZ	Intermountain	72.2	16.6	12.6
OZAR	Ozark NSR	2	MO	Midwest	74.0	15.4	11.7
PAAL	Palo Alto Battlefield NHS	2	TX	Intermountain	64.2	3.3	4.0
PAAV	Pennsylvania Avenue NHS	2	DC	National Capital	79.4	19.7	15.4
PAIS	Padre Island NS	2	TX	Intermountain	67.1	5.2	5.0
PECO	Pecos NHP	2	NM	Intermountain	66.4	14.0	11.7
PEFO	Petrified Forest NP	1	AZ	Intermountain	69.2	21.3	15.9
PERI	Pea Ridge NMP	2	AR	Midwest	68.4	9.2	8.1
PETE	Petersburg NB	2	VA	Northeast	75.1	15.5	12.4
PETR	Petroglyph NM	2	NM	Intermountain	67.5	15.6	12.4
PEVI	Perrys Victory and International Peace M	2	OH	Midwest	72.9	11.3	9.3
PIMA	Hohokam Pima NM	2	AZ	Intermountain	73.4	20.5	15.1
PINN	Pinnacles NM	1	CA	Pacific West	66.2	9.1	7.8
PIPE	Pipestone NM	2	MN	Midwest	60.5	4.4	4.3
PIRO	Pictured Rocks NL	2	MI	Midwest	72.6	6.6	6.4
PISC	Piscataway Park	2	MD	National Capital	79.4	19.5	15.4
PISP	Pipe Spring NM	2	AZ	Intermountain	70.7	25.1	17.1
POPO	Poverty Point NM	2	LA	Southeast	70.4	10.5	8.4

2006 - 2010 5-Year Average Ozone Estimates

ALPHA	PARK NAME	CLASS	STATE	REGION	ppb	ppm-hrs	ppm-hrs
					4th Highest 8-hr	SUM06	3-Mo Cumulative 12-Hr W126
PORE	Point Reyes NS	1	CA	Pacific West	53.8	1.8	2.1
PRWI	Prince William Forest Park	2	VA	National Capital	77.5	16.9	13.7
PUHE	Puukohola Heiau NHS	2	HI	Pacific West	NA	NA	NA
PUHO	Pu'uhonua o Honaunau NHP	2	HI	Pacific West	NA	NA	NA
RABR	Rainbow Bridge NM	2	UT	Intermountain	69.0	20.4	15.0
REDW	Redwood NP	1	CA	Pacific West	57.9	6.0	5.3
RICH	Richmond NBP	2	VA	Northeast	76.9	16.9	13.5
ROCR	Rock Creek P	2	DC	National Capital	79.4	19.7	15.4
ROLA	Ross Lake NRA	2	WA	Pacific West	56.2	2.3	2.4
ROMO	Rocky Mountain NP	1	CO	Intermountain	74.7	23.7	17.9
RORI	Rosie the Riveter WWII Home Front NHP	2	CA	Pacific West	58.0	2.7	2.9
ROWI	Roger Williams NMem	2	RI	Northeast	76.7	11.0	9.3
RUCA	Russell Cave NM	2	AL	Southeast	74.4	17.9	13.4
SAAN	San Antonio Missions NHP	2	TX	Intermountain	72.3	9.3	7.7
SACN	Saint Croix NSR	2	MN	Midwest	63.1	4.5	5.0
SACR	Saint Croix Island IHS	2	ME	Northeast	60.4	1.8	2.9
SAFR	San Francisco Maritime NHP	2	CA	Pacific West	58.0	2.7	2.9
SAGA	Saint-Gaudens NHS	2	NH	Northeast	68.5	5.4	5.3
SAGU	Saguaro NP	1	AZ	Intermountain	68.4	15.5	12.3
SAHI	Sagamore Hill NHS	2	NY	Northeast	80.0	14.1	11.6
SAIR	Saugus Iron Works NHS	2	MA	Northeast	74.3	9.0	7.9
SAJH	San Juan Island NHP	2	WA	Pacific West	51.2	1.2	1.5
SAJU	San Juan NHS	2	PR	Southeast	NA	NA	NA
SAMA	Salem Maritime NHS	2	MA	Northeast	74.5	9.1	8.0
SAMO	Santa Monica Mountains NRA	2	CA	Pacific West	77.6	18.6	15.6
SAPA	Saint Pauls Church NHS	2	NY	Northeast	79.3	13.8	11.4
SAPU	Salinas Pueblo Missions NM	2	NM	Intermountain	67.6	15.9	12.5
SARA	Saratoga NHP	2	NY	Northeast	70.7	7.1	6.3
SARI	Salt River Bay NH & Eco Park	2	VI	Southeast	NA	NA	NA
SCBL	Scotts Bluff NM	2	NE	Midwest	70.8	13.6	14.9
SEKI	Sequoia / Kings Canyon NP	1	CA	Pacific West	92.7	50.8	39.8
SEQU	Sequoia NP	1	CA	Pacific West	92.8	52.9	41.1
SHEN	Shenandoah NP	1	VA	Northeast	70.9	11.7	9.8
SHIL	Shiloh NMP	2	TN	Southeast	72.2	14.1	11.1
SITK	Sitka NHP	2	AK	Alaska	NA	NA	NA
SLBE	Sleeping Bear Dunes NL	2	MI	Midwest	73.5	8.7	7.8
SPAR	Springfield Armory NHS	2	MA	Northeast	78.1	10.7	9.3
STEA	Steamtown NHS	2	PA	Northeast	71.5	10.3	8.5
STLI	Statue of Liberty NM	2	NJ	Northeast	79.6	14.9	12.1
STRI	Stones River NB	2	TN	Southeast	73.7	16.8	12.8
SUCR	Sunset Crater NM	2	AZ	Intermountain	72.3	23.0	17.0
TAPR	Tallgrass Prairie NPres	2	KS	Midwest	69.1	10.4	8.9
THIS	Theodore Roosevelt NMem	2	VA	National Capital	79.4	19.7	15.4
THKO	Thaddeus Kosciuszko NMem	2	PA	Northeast	80.4	19.7	15.2
THRB	Theodore Roosevelt Birthplace NHS	2	NY	Northeast	79.3	14.4	11.8
THRI	Theodore Roosevelt Inaugural NHS	2	NY	Northeast	75.7	13.4	10.7
THRO	Theodore Roosevelt NP	1	ND	Midwest	60.2	4.2	5.2
THST	Thomas Stone NHS	2	MD	Northeast	79.3	19.2	15.1
TICA	Timpanogos Cave NM	2	UT	Intermountain	74.3	21.8	16.6
TIMU	Timucuan Ecological and Historical Prese	2	FL	Southeast	68.9	9.5	8.5
TONT	Tonto NM	2	AZ	Intermountain	73.0	26.1	18.6
TUAI	Tuskegee Airmen NHS	2	AL	Southeast	72.4	13.9	10.9
TUIN	Tuskegee Institute NHS	2	AL	Southeast	72.1	13.6	10.7
TUMA	Tumacacori NM	2	AZ	Intermountain	68.0	14.4	11.7
TUPE	Tupelo NB	2	MS	Southeast	71.2	12.7	10.1
TUZI	Tuzigoot NM	2	AZ	Intermountain	73.9	21.0	17.5
ULSG	Ulysses S. Grant NHS	2	MO	Midwest	74.6	15.4	12.0
UPDE	Upper Delaware Scenic and Recreational R	2	PA	Northeast	73.0	10.7	9.0

2006 - 2010 5-Year Average Ozone Estimates

ALPHA	PARK NAME	CLASS	STATE	REGION	ppb	ppm-hrs	ppm-hrs
					4th Highest 8-hr	SUM06	3-Mo Cumulative 12-Hr W126
USAR	U S S Arizona Mem	2	HI	Pacific West	NA	NA	NA
VAFO	Valley Forge NHP	2	PA	Northeast	79.5	18.6	14.4
VAMA	Vanderbilt Mansion NHS	2	NY	Northeast	75.4	10.2	8.9
VICK	Vicksburg NC	2	MS	Southeast	71.3	11.1	8.9
VICR	Virgin Islands Coral Reef NM	2	VI	Southeast	NA	NA	NA
VIIS	Virgin Islands NP	1	VI	Southeast	NA	NA	NA
VOYA	Voyageurs NP	1	MN	Midwest	62.7	3.8	4.5
WABA	Washita Battlefield NHS	2	OK	Intermountain	70.3	12.5	10.2
WACA	Walnut Canyon NM	2	AZ	Intermountain	72.9	23.3	17.2
WAPA	War in the Pacific NHP	2	GU	Pacific West	NA	NA	NA
WASH	Washington Monument	2	DC	National Capital	79.4	19.7	15.4
WEFA	Weir Farm NHS	2	CT	Northeast	79.3	13.2	11.0
WHHO	President's Park (White House)	2	DC	National Capital	79.4	19.7	15.4
WHIS	Whiskeytown NRA	2	CA	Pacific West	70.9	16.7	12.5
WHMI	Whitman Mission NHS	2	WA	Pacific West	63.1	4.7	4.7
WHSA	White Sands NM	2	NM	Intermountain	69.1	11.4	10.2
WICA	Wind Cave NP	1	SD	Midwest	61.4	7.8	7.9
WICR	Wilson's Creek NB	2	MO	Midwest	69.0	10.6	8.7
WIHO	William Howard Taft NHS	2	OH	Midwest	76.0	17.7	13.6
WORI	Womens Rights NHP	2	NY	Northeast	70.1	7.6	7.1
WOTR	Wolf Trap Farm Park	2	VA	National Capital	78.4	18.5	14.6
WRBR	Wright Brothers NMem	2	NC	Southeast	73.2	14.8	11.8
WRST	Wrangell-St Elias NP & Pres	2	AK	Alaska	NA	NA	NA
WUPA	Wupatki NM	2	AZ	Intermountain	71.8	23.1	16.9
YELL	Yellowstone NP	1	WY	Intermountain	65.9	11.7	10.5
YOSE	Yosemite NP	1	CA	Pacific West	86.1	26.3	21.1
YUCH	Yukon-Charley Rivers NPRes	2	AK	Alaska	NA	NA	NA
YUHO	Yucca House NM	2	CO	Intermountain	67.8	15.9	12.6
ZION	Zion NP	1	UT	Intermountain	70.8	25.8	17.2

Ozone value estimates are obtained at the park centroid from interpolated data

**Statistics:**

**4th Highest 8 Hour** - The annual fourth-highest daily maximum 8-hour average ozone concentration, averaged over 5-years. This measurement, averaged over 3 years, is used to evaluate attainment for the primary ozone standard.

**SUM06** - Sum of hourly ozone values equaling or exceeding 0.060 ppm summed over daylight hours for each 3-month period during the growing season. The annual maximum 3-month period is then averaged over 5-years

**3-Mo. Cumulative 12-Hr W126** - Sum of hourly weighted ozone concentrations summed over daylight hours for each 3-month period during the local ozone season, with higher concentrations weighted more heavily. The annual maximum 3-month period is then averaged over 5-years.