



2005-2009 5-Year Average Ozone Estimates

* See end of table for statistics definitions and more info

ALPHA	PARK NAME	CLASS	STATE	REGION	4th Highest 8-hr	SUM06	3-Mo Cumulative 12-Hr W126
ABLI	Abraham Lincoln Birthplace NHS	2	KY	Southeast	74.6	17.3	12.6
ACAD	Acadia NP	1	ME	Northeast	70.1	4.8	4.4
ADAM	Adams NHS	2	MA	Northeast	77.3	10.8	8.7
AFBG	African Burial Ground NM	2	NY	Northeast	81.6	14.5	11.8
AGFO	Agate Fossil Beds NM	2	NE	Midwest	69.0	11.2	13.0
ALAG	Alagnak Wild River	2	AK	Alaska	NA	NA	NA
ALFL	Alibates Flint Quarries NM	2	TX	Intermountain	72.0	10.5	9.2
ALPO	Allegheny Portage Railroad NHS	2	PA	Northeast	73.5	14.2	10.7
AMIS	Amistad NRA	2	TX	Intermountain	70.3	10.7	8.7
ANDE	Andersonville NHS	2	GA	Southeast	74.8	16.4	12.0
ANIA	Aniakchak Preserve NM & Pres	2	AK	Alaska	NA	NA	NA
ANIA	Aniakchak Preserve NM & Pres	2	AK	Alaska	NA	NA	NA
ANJO	Andrew Johnson NHS	2	TN	Southeast	74.9	16.3	12.5
ANTI	Antietam NB	2	MD	National Capital	74.9	15.8	11.9
APCO	Appomattox Court House NHP	2	VA	Northeast	71.7	13.0	10.2
APIS	Apostle Islands NL	2	WI	Midwest	62.0	3.8	4.1
ARCH	Arches NP	1	UT	Intermountain	69.4	19.0	14.0
ARHO	Arlington House Robert E. Lee	2	VA	National Capital	79.7	19.8	15.0
ARPO	Arkansas Post NM	2	AR	Midwest	73.5	15.8	11.6
ASIS	Assateague Island NS	2	MD	Northeast	79.1	17.1	14.7
AZRU	Aztec Ruins NM	2	NM	Intermountain	66.1	17.7	12.9
BADL	Badlands NP	1	SD	Midwest	63.7	10.9	8.7
BAND	Bandelier NM	1	NM	Intermountain	68.9	15.4	12.0
BELA	Bering Land Bridge NPres	2	AK	Alaska	NA	NA	NA
BEOL	Bents Old Fort NHS	2	CO	Intermountain	74.8	24.6	17.5
BIBE	Big Bend NP	1	TX	Intermountain	66.5	10.1	9.7
BICA	Bighorn Canyon NRA	2	MT	Intermountain	62.2	8.9	8.1
BICY	Big Cypress NPres	2	FL	Southeast	67.2	7.5	6.5
BIHO	Big Hole NB	2	MT	Pacific West	65.9	10.2	8.5
BISC	Biscayne NP	2	FL	Southeast	67.7	7.1	6.3
BISO	Big South Fork NR and NRA	2	TN	Southeast	73.5	16.8	12.7
BITH	Big Thicket NPres	2	TX	Intermountain	76.3	11.2	8.6
BLCA	Black Canyon of the Gunnison NP	1	CO	Intermountain	68.0	16.7	12.7
BLRI	Blue Ridge Parkway	2	VA	Southeast	74.9	17.1	12.7
BLUE	Bluestone NSR	2	WV	Northeast	71.7	13.8	10.4
BOAF	Boston African American NHS	2	MA	Northeast	76.8	10.5	8.5
BOHA	Boston Harbor Islands NRA	2	MA	Northeast	77.3	10.8	8.7
BOST	Boston NHP	2	MA	Northeast	76.8	10.5	8.5
BOWA	Booker T. Washington NM	2	VA	Northeast	73.0	15.0	11.5
BRCA	Bryce Canyon NP	1	UT	Intermountain	73.3	25.8	17.5
BRCR	Brices Cross Roads NBS	2	MS	Southeast	73.2	15.9	11.7
BRVB	Brown V Board of Education NHS	2	KS	Midwest	70.6	11.1	9.5
BUFF	Buffalo NR	2	AR	Midwest	70.1	9.6	8.0
BUIS	Buck Island Reef NM	2	VI	Southeast	NA	NA	NA
CABR	Cabrillo NM	2	CA	Pacific West	71.9	12.8	10.9
CACH	Canyon de Chelly NM	2	AZ	Intermountain	68.3	19.9	14.0
CACL	Castle Clinton NM	2	NY	Northeast	81.8	14.9	12.0
CACO	Cape Cod NS	2	MA	Northeast	78.8	12.0	9.7
CAGR	Casa Grande NM	2	AZ	Intermountain	72.8	20.9	15.8
CAHA	Cape Hatteras NS	2	NC	Southeast	73.6	14.9	11.6
CAKR	Cape Krusenstern NM	2	AK	Alaska	NA	NA	NA
CALO	Cape Lookout NS	2	NC	Southeast	70.8	12.4	9.9
CANA	Canaveral NS	2	FL	Southeast	69.2	9.6	8.2
CANY	Canyonlands NP	1	UT	Intermountain	69.6	20.5	14.8
CARE	Capitol Reef NP	1	UT	Intermountain	73.5	23.6	16.7
CARI	Cane River Creole NHP	2	LA	Southeast	74.0	12.7	9.5
CARL	Carl Sandburg Home NHS	2	NC	Southeast	74.4	16.0	11.9
CASA	Castillo San Marcos NM	2	FL	Southeast	69.9	10.4	8.7

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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
CATO	Catoctin Mountain Park	2	MD	National Capital	75.9	16.7	12.5
CAVE	Carlsbad Caverns NP	1	NM	Intermountain	70.0	14.3	12.0
CAVO	Capulin Mountain Volcano NM	2	NM	Intermountain	71.8	19.5	14.4
CAWO	Carter G. Woodson NHS	2	DC	National Capital	79.7	19.8	15.0
CEBE	Cedar Creek & Belle Grove NHP	2	VA	Northeast	72.5	13.6	10.4
CEBR	Cedar Breaks NM	2	UT	Intermountain	73.7	26.9	17.9
CHAM	Chamizal NMem	2	TX	Intermountain	71.7	13.5	11.0
CHAT	Chattahoochee River NRA	2	GA	Southeast	83.0	22.2	16.5
CHCH	Chickamauga and Chattanooga NMP	2	TN	Southeast	76.5	19.0	14.0
CHCU	Chaco Culture NHP	2	NM	Intermountain	67.3	17.6	13.0
CHIC	Chickasaw NRA	2	OK	Intermountain	78.2	18.6	13.9
CHIR	Chiricahua NM	1	AZ	Intermountain	68.4	17.7	13.2
CHIS	Channel Islands NP	2	CA	Pacific West	66.2	9.0	7.9
CHOH	Chesapeake and Ohio Canal NHP	2	MD	National Capital	75.7	16.5	12.4
CHPI	Charles Pickney NHS	2	SC	Southeast	68.6	11.4	8.8
CHRI	Christiansted NHS	2	VI	Southwest	NA	NA	NA
CHSC	Little Rock Central High School NHS	2	AR	Midwest	73.7	14.1	10.6
CIRO	City of Rocks NR	2	ID	Pacific West	74.6	22.1	16.3
CLBA	Clara Barton NHS	2	MD	Northeast	79.2	19.3	14.6
COLM	Colorado NM	2	CO	Intermountain	67.4	14.3	11.2
COLO	Colonial NHP	2	VA	Northeast	76.9	18.0	13.6
CORO	Coronado NMem	2	AZ	Intermountain	68.9	15.6	12.0
COSW	Congaree Swamp NM	2	SC	Southeast	73.0	16.4	11.7
COWP	Cowpens NB	2	SC	Southeast	75.4	17.8	13.0
CRLA	Crater Lake NP	1	OR	Pacific West	66.1	7.9	6.0
CRMO	Craters of the Moon NM	1	ID	Pacific West	67.8	12.9	11.1
CUGA	Cumberland Gap NHP	2	KY	Southeast	74.0	17.1	13.1
CUIS	Cumberland Island NS	2	GA	Southeast	68.5	8.9	7.5
CURE	Curecanti NRA	2	CO	Intermountain	68.3	17.5	13.2
CUVA	Cuyahoga Valley NP	2	OH	Midwest	76.7	16.3	12.1
DAAV	Dayton Aviation Heritage NHP	2	OH	Midwest	77.4	19.4	14.3
DENA	Denali NP & Pres	1	AK	Alaska	NA	NA	NA
DENA	Denali NP & Pres	1	AK	Alaska	NA	NA	NA
DEPO	Devils Postpile NM	2	CA	Pacific West	90.2	34.8	32.8
DESO	De Soto NMem	2	FL	Southeast	73.6	11.0	9.2
DETO	Devils Tower NM	2	WY	Intermountain	64.7	12.8	9.4
DEVA	Death Valley NP	2	CA	Pacific West	82.5	40.7	28.0
DEWA	Delaware Water Gap NRA	2	PA	Northeast	76.9	13.9	11.7
DINO	Dinosaur NM	2	CO	Intermountain	64.9	12.3	10.6
DRTO	Dry Tortugas NP	2	FL	Southeast	70.4	9.6	8.0
EBLA	Ebey's Landing NHR	2	WA	Pacific West	52.5	1.4	1.2
EDAL	Edgar Allan Poe NHS	2	PA	Northeast	81.6	19.2	14.5
EDIS	Edison NHS	2	NJ	Northeast	81.3	15.2	12.3
EFMO	Effigy Mounds NM	2	IA	Midwest	67.3	7.9	7.1
EISE	Eisenhower NHS	2	PA	Northeast	76.5	17.0	12.7
ELMA	El Malpais NM	2	NM	Intermountain	69.1	17.7	13.2
ELMO	El Morro NM	2	NM	Intermountain	68.9	18.1	13.3
ELRO	Eleanor Roosevelt NHS	2	NY	Northeast	78.8	12.1	10.9
EUON	Eugene O'Neill NHS	2	CA	Pacific West	64.2	5.3	4.7
EVER	Everglades NP	1	FL	Southeast	67.5	7.5	6.5
FEHA	Federal Hall NM	2	NY	Northeast	81.8	14.9	12.0
FIIS	Fire Island NS	2	NY	Northeast	84.7	15.6	12.4
FILA	First Ladies NHS	2	OH	Midwest	76.5	18.0	13.1
FLFO	Florissant Fossil Beds NM	2	CO	Intermountain	74.5	25.1	17.8
FLNI	Flight 93 NM	2	PA	Northeast	72.9	14.1	10.6
FOBO	Fort Bowie NHS	2	AZ	Intermountain	68.6	17.9	13.3
FOBU	Fossil Butte NM	2	WY	Intermountain	69.0	16.5	12.9
FOCA	Fort Caroline NMem	2	FL	Southeast	70.2	10.6	8.8
FODA	Fort Davis NHS	2	TX	Intermountain	70.0	13.0	11.1
FODO	Fort Donelson NC	2	TN	Southeast	74.6	17.4	13.5
FOFR	Fort Frederica NM	2	GA	Southeast	67.4	8.3	7.0
FOLA	Fort Laramie NHS	2	WY	Intermountain	71.7	16.5	15.1
FOLS	Fort Larned NHS	2	KS	Midwest	70.2	15.1	11.3
FOMA	Fort Matanzas NM	2	FL	Southeast	69.3	9.9	8.4
FOMC	Fort McHenry NM & Hist Shrine	2	MD	Northeast	81.0	20.7	15.8
FONE	Fort Necessity NB	2	PA	Northeast	73.3	13.8	10.5
FOPO	Fort Point NHS	2	CA	Pacific West	57.4	2.3	2.2
FOPU	Fort Pulaski NM	2	GA	Southeast	67.9	9.7	7.5

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FORA	Fort Raleigh NHS	2	NC	Southeast	74.3	15.6	12.0
FOSC	Fort Scott NHS	2	KS	Midwest	71.5	13.5	10.3
FOSM	Fort Smith NHS	2	AR	Midwest	70.8	12.5	9.6
FOST	Fort Stanwix NM	2	NY	Northeast	69.6	7.7	7.2
FOSU	Fort Sumter NM	2	SC	Southeast	68.5	11.4	8.7
FOTH	Ford's Theater NHS	2	DC	National Capital	79.7	19.8	15.0
FOUN	Fort Union NM	2	NM	Intermountain	69.3	16.1	12.4
FOUS	Fort Union Trading Post NHS	2	MT	Midwest	60.3	4.3	4.8
FOVA	Fort Vancouver NHS	2	WA	Pacific West	60.9	3.3	2.7
FOWA	Fort Washington Park	2	MD	National Capital	79.8	19.8	15.0
FRDO	Frederick Douglas NHS	2	DC	National Capital	79.7	19.8	15.0
FRHI	Friendship Hill NHS	2	PA	Northeast	73.9	14.2	10.8
FRLA	Frederick Law Olmsted NHS	2	MA	Northeast	76.8	10.5	8.5
FRSP	Fredericksburg & Spotsylvania NMP	2	VA	Northeast	76.3	15.4	11.9
GAAR	Gates of the Arctic NP & Preserve	2	AK	Alaska	NA	NA	NA
GAAR	Gates of the Arctic NP & Preserve	2	AK	Alaska	NA	NA	NA
GARI	Gauley River NRA	2	WV	Northeast	71.5	12.9	9.9
GATE	Gateway NRA	2	NY	Northeast	82.1	14.8	12.0
GEGR	General Grant NM	2	NY	Northeast	81.6	14.5	11.8
GERO	George Rogers Clark NHP	2	IN	Midwest	72.0	14.6	11.0
GETT	Gettysburg NMP	2	PA	Northeast	76.5	17.0	12.7
GEWA	George Washington Birthplace NM	2	VA	Northeast	79.6	19.6	14.8
GICL	Gila Cliff Dwellings NM	2	NM	Intermountain	65.1	11.3	9.9
GLAC	Glacier NP	1	MT	Intermountain	54.5	1.6	2.3
GLBA	Glacier Bay NP & Preserve	2	AK	Alaska	NA	NA	NA
GLBA	Glacier Bay NP & Preserve	2	AK	Alaska	NA	NA	NA
GLCA	Glen Canyon NRA	2	UT	Intermountain	72.2	23.2	16.2
GOGA	Golden Gate NRA	2	CA	Pacific West	55.4	1.8	1.8
GOIS	Governors Island NM	2	NY	Northeast	81.8	14.9	12.0
GOSP	Golden Spike NHS	2	UT	Intermountain	76.0	25.3	17.9
GRBA	Great Basin NP	2	NV	Pacific West	73.1	21.5	15.7
GRCA	Grand Canyon NP	1	AZ	Intermountain	73.0	26.2	17.8
GREE	Greenbelt Park	2	MD	National Capital	80.1	20.3	15.3
GRKO	Grant-Kohrs Ranch NHS	2	MT	Intermountain	63.2	8.7	7.5
GRPO	Grand Portage NM	2	MN	Midwest	64.1	4.8	4.9
GRSA	Great Sand Dunes NP & Pres	1	CO	Intermountain	72.2	21.8	15.8
GRSM	Great Smoky Mountains NP	1	TN	Southeast	74.8	17.0	12.5
GRTE	Grand Teton NP	1	WY	Intermountain	66.4	13.5	11.1
GUCO	Guilford Courthouse NMP	2	NC	Southeast	76.6	19.1	14.1
GUIS	Gulf Islands NS	2	MS	Southeast	77.5	15.4	12.0
GUMO	Guadalupe Mountains NP	1	TX	Intermountain	71.0	13.9	11.7
GWCA	George Washington Carver NM	2	MO	Midwest	70.9	12.7	9.8
GWMP	George Washington Mem PKWY	2	MD	National Capital	79.7	19.8	15.0
HAFE	Harpers Ferry NHP	2	WV	National Capital	75.3	16.0	12.1
HAFO	Hagerman Fossil Beds NM	2	ID	Pacific West	72.1	14.9	11.5
HAGR	Hamilton Grange NMem	2	NY	Northeast	81.7	14.1	11.6
HALE	Haleakala NP	1	HI	Pacific West	NA	NA	NA
HAMP	Hampton NHS	2	MD	Northeast	80.8	20.5	15.6
HAVO	Hawaii Volcanoes NP	1	HI	Pacific West	NA	NA	NA
HEHO	Herbert Hoover NHS	2	IA	Midwest	66.5	7.4	6.5
HOBE	Horseshoe Bend NMP	2	AL	Southeast	75.0	16.3	12.1
HOCU	Hopewell Culture NHP	2	OH	Midwest	75.7	17.7	13.0
HOFR	Home of Franklin D. Roosevelt NHS	2	NY	Northeast	78.8	12.1	10.9
HOFU	Hopewell Furnace NHS	2	PA	Northeast	80.1	18.5	14.0
HOME	Homestead NM of America	2	NE	Midwest	62.7	6.2	5.5
HOSP	Hot Springs NP	2	AR	Midwest	70.5	11.2	8.6
HOVE	Hovenweep NM	2	CO	Intermountain	68.8	20.2	14.3
HSTR	Harry S. Truman NHS	2	MO	Midwest	74.2	15.1	11.9
HUTR	Hubbel Trading Post NHS	2	AZ	Intermountain	68.8	21.6	14.8
INDE	Independence NHP	2	PA	Northeast	81.6	19.3	14.6
INDU	Indiana Dunes NL	2	IN	Midwest	72.3	11.4	9.0
ISRO	Isle Royale NP	1	MI	Midwest	66.6	6.0	5.6
JAGA	James A. Garfield NHS	2	OH	Midwest	77.7	16.1	12.1
JECA	Jewel Cave NM	2	SD	Midwest	62.7	10.0	8.3
JEFF	Jefferson National Expansion Mem NHS	2	MO	Midwest	78.3	18.5	14.2
JELA	Jean Lafitte NPres	2	LA	Southeast	75.5	13.4	10.3
JICA	Jimmy Carter NHS	2	GA	Southeast	73.4	15.3	11.3
JODA	John Day Fossil Beds NM	2	OR	Pacific West	63.2	4.5	4.1

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JODR	John D. Rockefeller, Jr. Mem Parkway NM	2	WY	Intermountain	65.8	11.9	10.3
JOFI	John Fitzgerald Kennedy NHS	2	MA	Northeast	76.8	10.5	8.5
JOFL	Johnstown Flood NMem	2	PA	Northeast	73.4	14.2	10.7
JOMU	John Muir NHS	2	CA	Pacific West	62.6	4.6	4.1
JOTR	Joshua Tree NP	1	CA	Pacific West	89.7	38.3	27.8
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
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	82.4	21.9	16.3
KEWE	Keweenaw NHP	2	MI	Midwest	68.0	6.8	6.2
KICA	Kings Canyon NP	1	CA	Pacific West	94.3	51.6	41.0
KIMO	Kings Mtn. NMP	2	SC	Southeast	76.7	19.1	14.0
KLGO	Klondike Gold Rush NHP	2	AK	Alaska	NA	NA	NA
KNRI	Knife River Indian Villages NHS	2	ND	Midwest	59.1	2.7	3.7
KOVA	Kobuk Valley NP	2	AK	Alaska	NA	NA	NA
LABE	Lava Beds NM	1	CA	Pacific West	71.3	16.7	10.7
LACH	Lake Chelan NRA	2	WA	Pacific West	58.7	1.9	2.0
LACL	Lake Clark NP & Preserve	2	AK	Alaska	NA	NA	NA
LACL	Lake Clark NP & Preserve	2	AK	Alaska	NA	NA	NA
LAME	Lake Mead NRA	2	NV	Pacific West	76.6	29.6	20.3
LAMR	Lake Meredith NRA	2	TX	Intermountain	72.0	10.5	9.2
LARO	Lake Roosevelt NRA	2	WA	Pacific West	61.2	3.9	4.0
LAVO	Lassen Volcanic NP	1	CA	Pacific West	75.9	23.2	13.3
LEWI	Lewis and Clark NHP	2	OR	Pacific West	60.7	3.1	2.7
LIBI	Little Bighorn NM	2	MT	Intermountain	61.7	8.3	7.6
LIBO	Lincoln Boyhood NMem	2	IN	Midwest	74.4	18.1	13.3
LIHO	Lincoln Home NHS	2	IL	Midwest	71.0	12.9	10.0
LIRI	Little River Canyon NPRes	2	AL	Southeast	75.0	18.1	13.1
LONG	Longfellow NHS	2	MA	Northeast	76.8	10.5	8.5
LOWE	Lowell NHP	2	MA	Northeast	75.2	9.3	7.6
LYBA	Lyndon Baines Johnson NMem	2	VA	National Capital	79.7	19.8	15.0
LYJO	Lyndon B. Johnson NHP	2	TX	Intermountain	76.9	12.3	10.3
MABI	Marsh-Billings_Rockefeller NHP	2	VT	Northeast	69.0	5.6	5.1
MACA	Mammoth Cave NP	1	KY	Southeast	73.7	17.7	12.9
MALU	Martin Luther King, Jr. NHS	2	GA	Southeast	83.9	22.8	17.0
MALW	Maggie L. Walker NHS	2	VA	Northeast	77.4	17.3	13.3
MAMC	Mary McLeod Bethune Council House NHS	2	DC	National Capital	79.7	19.8	15.0
MANA	Manassas NBP	2	VA	National Capital	76.8	16.6	12.6
MANZ	Manzanar NHS	2	CA	Pacific West	93.0	53.1	40.9
MAVA	Martin Van Buren NHS	2	NY	Northeast	75.3	9.7	8.6
MEVE	Mesa Verde NP	1	CO	Intermountain	68.0	19.2	13.7
MIIN	Minidoka Internment NM	2	ID	Pacific West	71.2	15.9	12.5
MIMA	Minute Man NHP	2	MA	Northeast	76.4	10.2	8.3
MIMI	Minuteman Missile NHS	2	SD	Midwest	65.8	13.0	9.8
MISS	Mississippi NRA	2	MN	Midwest	66.9	6.8	6.2
MNRR	Missouri NRR	2	NE	Midwest	63.1	3.4	4.7
MOCA	Montezuma Castle NM	2	AZ	Intermountain	75.1	28.3	18.1
MOCR	Moores Creek NB	2	NC	Southeast	72.4	14.5	11.0
MOJA	Mojave NPRes	2	CA	Pacific West	80.9	35.4	24.5
MONO	Monocacy NB	2	MD	National Capital	77.4	18.1	13.6
MORA	Mount Rainier NP	1	WA	Pacific West	62.0	3.0	2.9
MORR	Morristown NHP	2	NJ	Northeast	81.1	16.3	12.8
MORU	Mount Rushmore NMem	2	SD	Midwest	61.1	8.4	7.2
MUWO	Muir Woods NM	2	CA	Pacific West	56.3	1.9	1.9
NABR	Natural Bridges NM	2	UT	Intermountain	69.2	20.2	14.5
NACC	National Mall & Memorial Parks	2	DC	National Capital	79.7	19.8	15.0
NAMA	National Mall	2	DC	National Capital	79.7	19.8	15.0
NATC	Natchez NHP	2	MS	Southeast	75.4	14.5	10.7
NATR	Natchez Trace Parkway	2	MS	Southeast	70.8	13.3	9.9
NAVA	Navajo NM	2	AZ	Intermountain	70.0	23.0	15.4
NEBE	New Bedford Whaling NHP	2	MA	Northeast	79.7	12.0	9.6
NEPE	Nez Perce NHP	2	MT	Pacific West	64.9	7.4	6.3
NERI	New River Gorge NR	2	WV	Northeast	71.6	13.4	10.2
NICO	Nicodemus NHS	2	KS	Midwest	68.4	14.6	10.9
NIOB	Niobrara NSR	2	NE	Midwest	63.5	8.0	6.8
NISI	Ninety Six NHS	2	SC	Southeast	74.4	17.3	12.4

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NOAT	Noatak NPres	2	AK	Alaska	NA	NA	NA
NOCA	North Cascades NP	1	WA	Pacific West	56.4	1.2	1.5
NPSA	The National Park of American Samoa	2	AS	Pacific West	NA	NA	NA
O BRI	Obed Wild and Scenic River	2	TN	Southeast	75.5	19.2	14.3
OCMU	Ocmulgee NM	2	GA	Southeast	79.9	20.2	14.8
OLYM	Olympic NP	1	WA	Pacific West	55.1	1.6	1.4
ORCA	Oregon Caves NM	2	OR	Pacific West	65.0	8.8	6.5
ORPI	Organ Pipe Cactus NM	2	AZ	Intermountain	72.9	16.6	15.0
OZAR	Ozark NSR	2	MO	Midwest	78.4	19.4	14.6
PAAL	Palo Alto Battlefield NHS	2	TX	Intermountain	64.2	5.1	4.3
PAAV	Pennsylvania Avenue NHS	2	DC	National Capital	79.7	19.8	15.0
PAIS	Padre Island NS	2	TX	Intermountain	67.0	6.4	5.0
PECO	Pecos NHP	2	NM	Intermountain	69.3	15.3	12.0
PEFO	Petrified Forest NP	1	AZ	Intermountain	69.8	24.0	16.2
PERI	Pea Ridge NMP	2	AR	Midwest	69.3	10.1	8.4
PETE	Petersburg NB	2	VA	Northeast	76.0	16.6	12.7
PETR	Petroglyph NM	2	NM	Intermountain	69.3	17.1	12.8
PEVI	Perrys Victory and International Peace M	2	OH	Midwest	75.5	13.1	10.6
PIMA	Hohokam Pima NM	2	AZ	Intermountain	74.2	21.0	17.0
PINN	Pinnacles NM	1	CA	Pacific West	67.8	8.0	6.7
PIPE	Pipestone NM	2	MN	Midwest	63.7	6.4	5.6
PIRO	Pictured Rocks NL	2	MI	Midwest	74.9	8.2	6.9
PISC	Piscataway Park	2	MD	National Capital	79.8	19.8	15.0
PISP	Pipe Spring NM	2	AZ	Intermountain	73.3	27.2	18.0
POPO	Poverty Point NM	2	LA	Southeast	71.8	12.9	9.6
PORE	Point Reyes NS	1	CA	Pacific West	55.2	1.9	1.8
PRWI	Prince William Forest Park	2	VA	National Capital	78.2	17.6	13.4
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	70.8	23.3	15.8
REDW	Redwood NP	1	CA	Pacific West	58.3	6.4	4.7
RICH	Richmond NBP	2	VA	Northeast	77.7	17.9	13.7
ROCR	Rock Creek P	2	DC	National Capital	79.7	19.8	15.0
ROLA	Ross Lake NRA	2	WA	Pacific West	57.1	1.3	1.6
ROMO	Rocky Mountain NP	1	CO	Intermountain	75.2	23.8	17.4
RORI	Rosie the Riveter WWII Home Front NHP	2	CA	Pacific West	58.8	2.7	2.6
ROWI	Roger Williams NMem	2	RI	Northeast	79.2	12.1	9.7
RUCA	Russell Cave NM	2	AL	Southeast	75.3	18.6	13.6
SAAN	San Antonio Missions NHP	2	TX	Intermountain	75.1	12.4	9.6
SACN	Saint Croix NSR	2	MN	Midwest	65.3	5.7	5.3
SACR	Saint Croix Island IHS	2	ME	Northeast	61.1	2.0	2.6
SAFR	San Francisco Maritime NHP	2	CA	Pacific West	58.8	2.7	2.6
SAGA	Saint-Gaudens NHS	2	NH	Northeast	69.6	6.0	5.3
SAGU	Saguaro NP	1	AZ	Intermountain	69.3	15.7	12.0
SAHI	Sagamore Hill NHS	2	NY	Northeast	83.0	14.4	11.7
SAIR	Saugus Iron Works NHS	2	MA	Northeast	76.3	10.0	8.2
SAJH	San Juan Island NHP	2	WA	Pacific West	52.5	1.3	1.2
SAJU	San Juan NHS	2	PR	Southeast	NA	NA	NA
SAMA	Salem Maritime NHS	2	MA	Northeast	76.4	10.1	8.2
SAMO	Santa Monica Mountains NRA	2	CA	Pacific West	78.2	21.9	17.1
SAPA	Saint Pauls Church NHS	2	NY	Northeast	82.0	14.1	11.5
SAPU	Salinas Pueblo Missions NM	2	NM	Intermountain	69.4	17.3	12.9
SARA	Saratoga NHP	2	NY	Northeast	72.6	8.0	6.9
SARI	Salt River Bay NH & Eco Park	2	VI	Southeast	NA	NA	NA
SCBL	Scotts Bluff NM	2	NE	Midwest	72.2	14.8	15.2
SEKI	Sequoia / Kings Canyon NP	1	CA	Pacific West	94.5	53.4	42.0
SEQU	Sequoia NP	1	CA	Pacific West	94.7	55.4	43.0
SHEN	Shenandoah NP	1	VA	Northeast	72.1	12.9	10.0
SHIL	Shiloh NMP	2	TN	Southeast	73.5	16.1	12.1
SITK	Sitka NHP	2	AK	Alaska	NA	NA	NA
SLBE	Sleeping Bear Dunes NL	2	MI	Midwest	75.9	10.7	8.5
SPAR	Springfield Armory NHS	2	MA	Northeast	80.9	12.1	10.0
STEA	Steamtown NHS	2	PA	Northeast	72.6	11.0	9.1
STLI	Statue of Liberty NM	2	NJ	Northeast	81.8	14.9	12.0
STRI	Stones River NB	2	TN	Southeast	74.8	18.0	13.3
SUCR	Sunset Crater NM	2	AZ	Intermountain	73.7	27.8	18.0
TAPR	Tallgrass Prairie NPres	2	KS	Midwest	70.3	12.2	9.6
THIS	Theodore Roosevelt NMem	2	VA	National Capital	79.7	19.8	15.0

2005 - 2009 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
THKO	Thaddeus Kosciuszko NMem	2	PA	Northeast	81.6	19.3	14.6
THRB	Theodore Roosevelt Birthplace NHS	2	NY	Northeast	81.6	14.5	11.8
THRI	Theodore Roosevelt Inaugural NHS	2	NY	Northeast	78.6	16.8	12.8
THRO	Theodore Roosevelt NP	1	ND	Midwest	60.5	4.3	4.9
THST	Thomas Stone NHS	2	MD	Northeast	79.9	19.6	14.8
TICA	Timpanogos Cave NM	2	UT	Intermountain	77.4	25.5	18.3
TIMU	Timucuan Ecological and Historical Prese	2	FL	Southeast	70.0	10.3	8.6
TONT	Tonto NM	2	AZ	Intermountain	74.1	27.8	17.6
TUAI	Tuskegee Airmen NHS	2	AL	Southeast	72.8	14.6	11.0
TUIN	Tuskegee Institute NHS	2	AL	Southeast	72.5	14.4	10.8
TUMA	Tumacacori NM	2	AZ	Intermountain	68.8	14.4	11.4
TUPE	Tupelo NB	2	MS	Southeast	72.5	15.0	11.2
TUZI	Tuzigoot NM	2	AZ	Intermountain	75.0	27.4	18.0
ULSG	Ulysses S. Grant NHS	2	MO	Midwest	78.9	19.1	14.7
UPDE	Upper Delaware Scenic and Recreational R	2	PA	Northeast	74.3	11.6	11.5
USAR	U S S Arizona Mem	2	HI	Pacific West	NA	NA	NA
VAFO	Valley Forge NHP	2	PA	Northeast	81.1	18.8	14.3
VAMA	Vanderbilt Mansion NHS	2	NY	Northeast	78.1	11.6	10.7
VICK	Vicksburg NC	2	MS	Southeast	72.7	13.4	10.0
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	63.8	3.9	4.4
WABA	Washita Battlefield NHS	2	OK	Intermountain	73.5	14.3	10.9
WACA	Walnut Canyon NM	2	AZ	Intermountain	74.2	28.2	18.1
WAPA	War in the Pacific NHP	2	GU	Pacific West	NA	NA	NA
WASH	Washington Monument	2	DC	National Capital	79.7	19.8	15.0
WEFA	Weir Farm NHS	2	CT	Northeast	82.4	14.0	11.4
WHHO	Lafayette Square P	2	DC	National Capital	79.7	19.8	15.0
WHIS	Whiskeytown NRA	2	CA	Pacific West	71.9	17.5	11.4
WHMI	Whitman Mission NHS	2	WA	Pacific West	63.4	4.8	4.6
WHSA	White Sands NM	2	NM	Intermountain	70.4	12.7	10.6
WICA	Wind Cave NP	1	SD	Midwest	63.2	10.4	8.7
WICR	Wilson's Creek NB	2	MO	Midwest	71.2	13.2	10.1
WIHO	William Howard Taft NHS	2	OH	Midwest	78.0	19.6	14.5
WORI	Womens Rights NHP	2	NY	Northeast	70.9	8.8	7.6
WOTR	Wolf Trap Farm Park	2	VA	National Capital	78.8	18.9	14.2
WRBR	Wright Brothers NMem	2	NC	Southeast	74.7	15.9	12.2
WRST	Wrangell-St Elias NP & Pres	2	AK	Alaska	NA	NA	NA
WRST	Wrangell-St Elias NP & Pres	2	AK	Alaska	NA	NA	NA
WUPA	Wupatki NM	2	AZ	Intermountain	73.3	27.5	17.9
YELL	Yellowstone NP	1	WY	Intermountain	64.9	10.0	9.3
YOSE	Yosemite NP	1	CA	Pacific West	87.0	29.1	28.0
YUCH	Yukon-Charley Rivers NPres	2	AK	Alaska	NA	NA	NA
YUHO	Yucca House NM	2	CO	Intermountain	68.6	20.0	14.2
ZION	Zion NP	1	UT	Intermountain	73.6	27.5	18.1

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 0.06 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.