



2005-2009 5-Year Average Air Quality Conditions

Conditions are based upon interpolated values at the park center and in some cases have been adjusted according to risk or sensitivity to a pollutant or location within an EPA designated nonattainment county. Interpolated estimates are not available for Alaska, Hawaii, or Virgin Islands due to limited coverage of monitors. For more information on the how these conditions were derived, please see the latest guidance on Rating Air Quality Conditions: http://nature.nps.gov/air/Planning/docs/20111122_Rating-AQ-Conditions.pdf (pdf, 90 KB).

 = Significant Concern
 = Moderate
 = Good

Park Name	Ozone Condition*	N Deposition Condition [†]	S Deposition Condition [‡]	Visibility Condition [§]
Abraham Lincoln Birthplace NHS				
Acadia NP				
Adams NHS				
African Burial Ground NM				
Agate Fossil Beds NM				
Alagnak Wild River	NA	NA	NA	NA
Alibates Flint Quarries NM				
Allegheny Portage Railroad NHS				
Amistad NRA				
Andersonville NHS				
Andrew Johnson NHS				
Aniakchak Preserve NM & Pres	NA	NA	NA	NA
Antietam NB				
Apostle Islands NL				
Appomattox Court House NHP				
Arches NP				
Arkansas Post NMem				
Arlington House Robert E. Lee				
Assateague Island NS				
Aztec Ruins NM				
Badlands NP				
Bandelier NM				
Bents Old Fort NHS				
Bering Land Bridge NPres	NA	NA	NA	NA
Big Bend NP				
Big Cypress NPres				
Big Hole NB				
Big South Fork NR and NRA				
Big Thicket NPres				
Bighorn Canyon NRA				
Biscayne NP				

Park Name	Ozone Condition*	N Deposition Condition [†]	S Deposition Condition [‡]	Visibility Condition [§]
Black Canyon of the Gunnison NP				
Blue Ridge Parkway				
Bluestone NSR				
Booker T. Washington NM				
Boston African American NHS				
Boston Harbor Islands NRA				
Boston NHP				
Brices Cross Roads NBS				
Brown V Board of Education NHS				
Bryce Canyon NP				
Buck Island Reef NM	NA	NA	NA	NA
Buffalo NR				
Cabrillo NM				
Canaveral NS				
Cane River Creole NHP				
Canyon de Chelly NM				
Canyonlands NP				
Cape Cod NS				
Cape Hatteras NS				
Cape Krusenstern NM	NA	NA	NA	NA
Cape Lookout NS				
Capitol Reef NP				
Capulin Mountain Volcano NM				
Carl Sandburg Home NHS				
Carlsbad Caverns NP				
Carter G. Woodson NHS				
Casa Grande NM				
Castillo San Marcos NM				
Castle Clinton NM				
Catoctin Mountain Park				
Cedar Breaks NM				
Cedar Creek & Belle Grove NHP				
Chaco Culture NHP				
Chamizal NMem				
Channel Islands NP				
Charles Pickney NHS				
Chattahoochee River NRA				
Chesapeake and Ohio Canal NHP				
Chickamauga and Chattanooga NMP				
Chickasaw NRA				
Chiricahua NM				
Christiansted NHS	NA	NA	NA	NA
City of Rocks NR				
Clara Barton NHS				
Colonial NHP				
Colorado NM				
Congaree Swamp NM				
Coronado NMem				
Cowpens NB				
Crater Lake NP				

Park Name	Ozone Condition*	N Deposition Condition [†]	S Deposition Condition [‡]	Visibility Condition [§]
Craters of the Moon NM				
Cumberland Gap NHP				
Cumberland Island NS				
Curecanti NRA				
Cuyahoga Valley NP				
Dayton Aviation Heritage NHP				
De Soto NMem				
Death Valley NP				
Delaware Water Gap NRA				
Denali NP & Pres	NA	NA	NA	NA
Devils Postpile NM				
Devils Tower NM				
Dinosaur NM				
Dry Tortugas NP				
Ebey's Landing NHR				
Edgar Allan Poe NHS				
Edison NHS				
Effigy Mounds NM				
Eisenhower NHS				
El Malpais NM				
El Morro NM				
Eleanor Roosevelt NHS				
Eugene O Neill NHS				
Everglades NP				
Federal Hall NM				
Fire Island NS				
First Ladies NHS				
Flight 93 NM				
Florissant Fossil Beds NM				
Ford's Theater NHS				
Fort Bowie NHS				
Fort Caroline NMem				
Fort Davis NHS				
Fort Donelson NC				
Fort Frederica NM				
Fort Laramie NHS				
Fort Larned NHS				
Fort Matanzas NM				
Fort McHenry NM & Hist Shrine				
Fort Necessity NB				
Fort Point NHS				
Fort Pulaski NM				
Fort Raleigh NHS				
Fort Scott NHS				
Fort Smith NHS				
Fort Stanwix NM				
Fort Sumter NM				
Fort Union NM				
Fort Union Trading Post NHS				
Fort Vancouver NHS				

Park Name	Ozone Condition*	N Deposition Condition [†]	S Deposition Condition [‡]	Visibility Condition [§]
Fort Washington Park				
Fossil Butte NM				
Frederick Douglas NHS				
Frederick Law Olmsted NHS				
Fredericksburg & Spotsylvania NMP				
Friendship Hill NHS				
Gates of the Arctic NP & Preserve	NA	NA	NA	NA
Gateway NRA				
Gauley River NRA				
General Grant NM				
George Rogers Clark NHP				
George Washington Birthplace NM				
George Washington Carver NM				
George Washington Mem PKWY				
Gettysburg NMP				
Gila Cliff Dwellings NM				
Glacier Bay NP & Preserve	NA	NA	NA	NA
Glacier NP				
Glen Canyon NRA				
Golden Gate NRA				
Golden Spike NHS				
Governors Island NM				
Grand Canyon NP				
Grand Portage NM				
Grand Teton NP				
Grant-Kohrs Ranch NHS				
Great Basin NP				
Great Sand Dunes NP & Pres				
Great Smoky Mountains NP				
Greenbelt Park				
Guadalupe Mountains NP				
Guilford Courthouse NMP				
Gulf Islands NS				
Hagerman Fossil Beds NM				
Haleakala NP	NA	NA	NA	NA
Hamilton Grange NMem				
Hampton NHS				
Harpers Ferry NHP				
Harry S. Truman NHS				
Hawaii Volcanoes NP	NA	NA	NA	NA
Herbert Hoover NHS				
Hohokam Pima NM				
Home of Franklin D. Roosevelt NHS				
Homestead NM of America				
Hopewell Culture NHP				
Hopewell Furnace NHS				
Horseshoe Bend NMP				
Hot Springs NP				
Hovenweep NM				
Hubbel Trading Post NHS				

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Independence NHP				
Indiana Dunes NL				
Isle Royale NP				
James A. Garfield NHS				
Jean Lafitte NPres				
Jefferson National Expansion Mem NHS				
Jewel Cave NM				
Jimmy Carter NHS				
John D. Rockefeller, Jr. Mem Parkway NM				
John Day Fossil Beds NM				
John Fitzgerald Kennedy NHS				
John Muir NHS				
Johnstown Flood NMem				
Joshua Tree NP				
Kalaupapa NHP	NA	NA	NA	NA
Kaloko-Honokohau NHP	NA	NA	NA	NA
Katmai NP & Preserve	NA	NA	NA	NA
Kenai Fjords NP	NA	NA	NA	NA
Kennesaw Mountain NBP				
Keweenaw NHP				
Kings Mtn. NMP				
Klondike Gold Rush NHP	NA	NA	NA	NA
Knife River Indian Villages NHS				
Kobuk Valley NP	NA	NA	NA	NA
Lafayette Square P				
Lake Chelan NRA				
Lake Clark NP & Preserve	NA	NA	NA	NA
Lake Mead NRA				
Lake Meredith NRA				
Lake Roosevelt NRA				
Lassen Volcanic NP				
Lava Beds NM				
Lewis and Clark NHP				
Lincoln Boyhood NMem				
Lincoln Home NHS				
Little Bighorn NM				
Little River Canyon NPres				
Little Rock Central High School NHS				
Longfellow NHS				
Lowell NHP				
Lyndon B. Johnson NHP				
Lyndon Baines Johnson NMem				
Maggie L. Walker NHS				
Mammoth Cave NP				
Manassas NBP				
Manzanar NHS				
Marsh-Billings_Rockefeller NHP				
Martin Luther King, Jr. NHS				
Martin Van Buren NHS				
Mary McLeod Bethune Council House NHS				

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Mesa Verde NP				
Minidoka Internment NM				
Minute Man NHP				
Minuteman Missile NHS				
Mississippi NRA				
Missouri NRR				
Mojave NPres				
Monocacy NB				
Montezuma Castle NM				
Moores Creek NB				
Morristown NHP				
Mount Rainier NP				
Mount Rushmore NMem				
Muir Woods NM				
Natchez NHP				
Natchez Trace Parkway				
National Mall & Memorial Parks				
Natural Bridges NM				
Navajo NM				
New Bedford Whaling NHP				
New River Gorge NR				
Nez Perce NHP				
Nicodemus NHS				
Ninety Six NHS				
Niobrara NSR				
Noatak NPres	NA	NA	NA	NA
North Cascades NP				
Obed Wild and Scenic River				
Ocmulgee NM				
Olympic NP				
Oregon Caves NM				
Organ Pipe Cactus NM				
Ozark NSR				
Padre Island NS				
Palo Alto Battlefield NHS				
Pea Ridge NMP				
Pecos NHP				
Pennsylvania Avenue NHS				
Perrys Victory and International Peace M				
Petersburg NB				
Petrified Forest NP				
Petroglyph NM				
Pictured Rocks NL				
Pinnacles NM				
Pipe Spring NM				
Pipestone NM				
Piscataway Park				
Point Reyes NS				
Poverty Point NM				
Prince William Forest Park				

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Pu`uhonua o Honaunau NHP	NA	NA	NA	NA
Puukohola Heiau NHS	NA	NA	NA	NA
Rainbow Bridge NM				
Redwood NP				
Richmond NBP				
Rock Creek P				
Rocky Mountain NP				
Roger Williams NMem				
Rosie the Riveter WWII Home Front NHP				
Ross Lake NRA				
Russell Cave NM				
Sagamore Hill NHS				
Saguaro NP				
Saint Croix Island IHS				
Saint Croix NSR				
Saint Pauls Church NHS				
Saint-Gaudens NHS				
Salem Maritime NHS				
Salinas Pueblo Missions NM				
Salt River Bay NH & Eco Park	NA	NA	NA	NA
San Antonio Missions NHP				
San Francisco Maritime NHP				
San Juan Island NHP				
San Juan NHS	NA	NA	NA	NA
Sand Creek Massacre NHS				
Santa Monica Mountains NRA				
Saratoga NHP				
Saugus Iron Works NHS				
Scotts Bluff NM				
Sequoia / Kings Canyon NP				
Shenandoah NP				
Shiloh NMP				
Sitka NHP	NA	NA	NA	NA
Sleeping Bear Dunes NL				
Springfield Armory NHS				
Statue of Liberty NM				
Steamtown NHS				
Stones River NB				
Sunset Crater NM				
Tallgrass Prairie NPres				
Thaddeus Kosciuszko NMem				
The National Park of American Samoa	NA	NA	NA	NA
Theodore Roosevelt Birthplace NHS				
Theodore Roosevelt Inaugural NHS				
Theodore Roosevelt NMem				
Theodore Roosevelt NP				
Thomas Stone NHS				
Timpanogos Cave NM				
Timucuan Ecological and Historical Prese				
Tonto NM				

Park Name	Ozone Condition*	N Deposition Condition [†]	S Deposition Condition [‡]	Visibility Condition [§]
Tumacacori NM				
Tupelo NB				
Tuskegee Airmen NHS				
Tuskegee Institute NHS				
Tuzigoot NM				
U S S Arizona Mem	NA	NA	NA	NA
Ulysses S. Grant NHS				
Upper Delaware Scenic and Recreational R				
Valley Forge NHP				
Vanderbilt Mansion NHS				
Vicksburg NC				
Virgin Islands Coral Reef NM	NA	NA	NA	NA
Virgin Islands NP	NA	NA	NA	NA
Voyageurs NP				
Walnut Canyon NM				
War in the Pacific NHP	NA	NA	NA	NA
Washington Monument				
Washita Battlefield NHS				
Weir Farm NHS				
Whiskeytown NRA				
White Sands NM				
Whitman Mission NHS				
William Howard Taft NHS				
Wilson's Creek NB				
Wind Cave NP				
Wolf Trap Farm Park				
Womens Rights NHP				
Wrangell-St Elias NP & Pres	NA	NA	NA	NA
Wright Brothers NMem				
Wupatki NM				
Yellowstone NP				
Yosemite NP				
Yucca House NM				
Yukon-Charley Rivers NPRES	NA	NA	NA	NA
Zion NP				

* Ozone condition assessments are derived from interpolated five-year (2005–2009) values of the mean annual 4th-highest 8-hour ozone concentrations.

† Nitrogen (N) deposition condition assessments are derived from interpolated five-year (2005–2009) values of nitrogen wet deposition.

‡ Sulfur (S) deposition condition assessments are derived from interpolated five-year (2005–2009) values of sulfur wet deposition.

§ Visibility condition assessments are derived from interpolated five-year (2005–2009) values of Group 50 visibility minus estimated annual average natural conditions, where Group 50 is the mean of the 40th–60th percentiles of observed measurements in deciview (dv).