



1999-2003 5-Year Average Wet Deposition Estimates

*Values obtained at park centroid from interpolated data

ALPHA	PARK NAME	CLASS	STATE	REGION	kg/ha							
					Ca	Cl	K	Mg	Na	NH ₄	NO ₃	SO ₄
ABLI	Abraham Lincoln NHS	2	KY	Southeast	1.38	1.27	0.190	0.184	0.63	2.39	11.92	16.76
ACAD	Acadia NP	1	ME	Northeast	0.79	15.06	0.382	0.987	8.72	1.18	8.97	12.14
AGFO	Agate Fossil Beds NM	2	NE	Midwest	1.60	0.48	0.184	0.165	0.26	1.77	7.93	4.67
ALAG	Alagnak Wild River	2	AK	Alaska	NA	NA	NA	NA	NA	NA	NA	NA
ALFL	Alibates Flint Quarries NM	2	TX	Intermountain	2.05	0.55	0.243	0.158	0.36	2.22	5.46	5.28
ALPO	Allegheny Portage Railroad NHS	2	PA	Northeast	1.09	1.29	0.277	0.171	0.50	2.44	14.83	19.46
AMIS	Amistad NRA	2	TX	Intermountain	2.34	1.23	0.192	0.160	0.81	1.40	3.83	5.52
AMME	American Mem Park	2	CM	Pacific West	NA	NA	NA	NA	NA	NA	NA	NA
ANIA	Aniakchak Preserve NM & Pres	2	AK	Alaska	NA	NA	NA	NA	NA	NA	NA	NA
ANTI	Antietam NB	2	MD	National Capital	1.07	2.30	0.212	0.235	1.09	2.70	13.99	19.44
APCO	Appomattox Court House NHP	2	VA	Northeast	0.86	2.78	0.479	0.234	1.31	2.07	11.18	16.91
APIS	Apostle Islands NL	2	WI	Midwest	2.08	0.45	0.185	0.269	0.24	3.12	9.59	8.08
ARCH	Arches NP	1	UT	Intermountain	1.85	0.37	0.186	0.165	0.16	0.48	3.11	1.85
ARPO	Arkansas Post NMem	2	AR	Midwest	1.54	3.38	0.575	0.334	2.09	2.97	9.79	13.63
ASIS	Assateague Island NS	2	MD	Northeast	0.96	8.87	0.354	0.622	4.69	2.19	12.40	18.27
AZRU	Aztec Ruins NM	2	NM	Intermountain	1.66	0.37	0.120	0.126	0.23	0.61	4.91	3.38
BADL	Badlands NP	1	SD	Midwest	1.23	0.30	0.130	0.120	0.15	2.12	5.99	3.61
BAND	Bandelier NM	1	NM	Intermountain	1.43	0.32	0.109	0.101	0.18	0.78	4.44	3.01
BELA	Bering Land Bridge NPres	2	AK	Alaska	NA	NA	NA	NA	NA	NA	NA	NA
BEOL	Bents Old Fort NHS	2	CO	Intermountain	1.33	0.33	0.177	0.115	0.19	2.00	5.44	3.62
BIBE	Big Bend NP	1	TX	Intermountain	1.14	0.31	0.062	0.055	0.21	0.63	2.03	2.43
BICA	Bighorn Canyon NRA	2	MT	Intermountain	0.54	0.19	0.073	0.062	0.10	0.64	2.59	1.64
BICY	Big Cypress NPres	2	FL	Southeast	1.37	12.42	0.422	0.865	7.08	1.38	8.37	11.07
BIHO	Big Hole NB	2	MT	Pacific West	0.40	0.26	0.077	0.053	0.14	0.42	1.71	1.23
BISC	Biscayne NP	2	FL	Southeast	1.35	14.08	0.429	0.963	8.06	1.43	7.94	10.48
BISO	Big South Fork NR and NRA	2	TN	Southeast	1.24	1.70	0.236	0.189	0.78	2.14	11.98	18.47
BITH	Big Thicket NPres	2	TX	Intermountain	1.59	4.76	0.378	0.404	2.81	2.18	8.52	11.88
BLCA	Black Canyon of the Gunnison NP	1	IM	Intermountain	2.25	0.42	0.176	0.152	0.27	0.67	5.28	3.34
BLUE	Bluestone NSR	2	WV	Northeast	1.17	1.19	0.296	0.185	0.50	1.94	11.70	17.10
BOHA	Boston Harbor Islands NRA	2	MA	Northeast	0.83	11.51	0.330	0.771	6.85	1.30	9.90	14.77
BOWA	Booker T. Washington NM	2	VA	Northeast	0.97	2.42	0.521	0.228	1.11	2.09	10.78	16.10
BRCA	Bryce Canyon NP	1	UT	Intermountain	0.70	0.30	0.078	0.094	0.15	0.52	3.29	1.63
BUFF	Buffalo NR	2	AR	Midwest	1.91	1.66	0.340	0.240	1.04	2.71	9.56	11.22
BUIS	Buck Island Reef NM	2	VI	Southeast	NA	NA	NA	NA	NA	NA	NA	NA
CABR	Cabrillo NM	2	CA	Pacific West	0.36	0.91	0.074	0.097	0.54	0.93	3.36	1.56
CACH	Canyon de Chelly NM	2	AZ	Intermountain	1.42	0.34	0.110	0.118	0.20	0.57	4.21	2.80
CACO	Cape Cod NS	2	MA	Northeast	0.97	21.20	0.550	1.458	13.53	1.13	9.17	13.73
CAGR	Casa Grande NM	2	AZ	Intermountain	0.69	0.38	0.069	0.068	0.21	0.68	3.20	2.16

1999-2003 5-Year Average Wet Deposition Estimates

ALPHA	PARK NAME	CLASS	STATE	REGION	kg/ha							
					Ca	Cl	K	Mg	Na	NH ₄	NO ₃	SO ₄
CAHA	Cape Hatteras NS	2	NC	Southeast	0.97	12.39	0.701	0.842	7.19	2.08	9.34	14.37
CAKR	Cape Krusenstern NM	2	AK	Alaska	NA	NA	NA	NA	NA	NA	NA	NA
CALO	Cape Lookout NS	2	CA	Southeast	1.06	19.18	0.761	1.261	11.39	1.62	8.10	12.90
CANA	Canaveral NS	2	FL	Southeast	1.86	14.76	0.528	1.097	8.77	1.64	12.25	18.47
CANY	Canyonlands NP	1	UT	Intermountain	1.48	0.40	0.221	0.147	0.15	0.44	3.05	1.74
CARE	Capitol Reef NP	1	UT	Intermountain	1.33	0.34	0.123	0.129	0.17	0.53	3.26	1.80
CARL	Carl Sandburg Home NHS	2	NC	Southeast	1.11	2.03	0.302	0.208	1.03	2.53	11.99	20.09
CASA	Castillo San Marcos NM	2	FL	Southeast	1.21	6.22	0.348	0.477	3.61	1.12	8.36	12.01
CATO	Catoctin Mountain Park	2	MD	National Capital	1.09	2.34	0.193	0.233	1.09	2.87	14.54	19.72
CAVE	Carlsbad Caverns NP	1	NM	Intermountain	2.52	0.46	0.138	0.181	0.35	1.34	4.51	4.82
CAVO	Capulin Mountain Volcano NM	2	NM	Intermountain	1.23	0.37	0.228	0.114	0.21	1.54	5.03	3.51
CEBR	Cedar Breaks NM	2	UT	Intermountain	0.74	0.32	0.077	0.096	0.17	0.57	3.27	1.64
CHAT	Chattahoochee River NRA	2	GA	Southeast	1.02	2.37	0.428	0.238	1.26	2.38	10.21	15.95
CHCH	Chickamauga and Chattanooga NMP	2	TN	Southeast	1.19	2.28	0.337	0.238	1.21	2.55	11.53	18.26
CHCU	Chaco Culture NHP	2	NM	Intermountain	1.61	0.36	0.124	0.120	0.22	0.65	4.62	3.18
CHIC	Chickasaw NRA	2	OK	Intermountain	2.91	1.92	0.469	0.305	1.22	3.02	10.28	11.51
CHIR	Chiricahua NM	1	AZ	Intermountain	0.92	0.35	0.110	0.066	0.19	0.92	4.30	3.17
CHIS	Channel Islands NP	2	CA	Pacific West	0.29	0.93	0.078	0.097	0.55	0.93	2.96	1.30
CHOH	Chesapeake and Ohio Canal NHP	2	MD	National Capital	1.10	1.73	0.241	0.206	0.79	2.43	13.63	19.25
CIRO	City of Rocks NR	2	ID	Pacific West	0.67	0.55	0.081	0.078	0.38	1.03	2.47	1.42
COLM	Colorado NM	2	CO	Intermountain	2.01	0.39	0.174	0.159	0.23	0.63	4.60	2.85
COLO	Colonial NHP	2	VA	Northeast	0.94	6.94	0.522	0.499	3.75	2.25	10.84	16.33
CORO	Coronado NMem	2	AZ	Intermountain	0.91	0.36	0.097	0.070	0.20	0.85	3.94	2.91
COSW	Congaree Swamp NM	2	SC	Southeast	0.81	4.25	0.569	0.341	2.33	1.72	8.36	12.14
COWP	Cowpens NB	2	SC	Southeast	1.04	2.33	0.367	0.217	1.14	2.52	11.78	19.60
CRLA	Crater Lake NP	1	OR	Pacific West	0.32	5.23	0.148	0.339	3.07	0.31	1.31	1.70
CRMO	Craters of the Moon NM	1	ID	Pacific West	0.37	0.25	0.077	0.043	0.14	0.63	1.74	0.92
CUGA	Cumberland Gap NHP	2	KY	Southeast	1.21	1.33	0.239	0.170	0.65	2.00	11.33	16.49
CUIS	Cumberland Island NS	2	GA	Southeast	0.96	4.59	0.333	0.362	2.69	0.97	7.68	10.42
CURE	Curecanti NRA	2	CO	Intermountain	2.40	0.43	0.178	0.154	0.28	0.69	5.47	3.48
CUVA	Cuyahoga Valley NP	2	OH	Midwest	1.47	0.98	0.174	0.224	0.36	2.79	14.31	18.29
DENA	Denali NP & Pres	1	AK	Alaska	NA	NA	NA	NA	NA	NA	NA	NA
DEPO	Devils Postpile NM	2	CA	Pacific West	0.33	0.69	0.101	0.082	0.41	1.24	3.33	1.31
DETO	Devils Tower NM	2	WY	Intermountain	1.04	0.27	0.079	0.101	0.13	1.21	4.78	2.97
DEVA	Death Valley NP	2	NV	Pacific West	0.44	0.74	0.089	0.096	0.44	1.10	3.17	1.39
DEWA	Delaware Water Gap NRA	2	PA	Northeast	0.79	4.54	0.174	0.332	2.31	1.97	13.53	17.16
DINO	Dinosaur NM	2	CO	Intermountain	1.66	0.41	0.117	0.153	0.25	0.75	4.98	3.16
DRTO	Dry Tortugas NP	2	FL	Southeast	1.32	9.27	0.401	0.674	5.29	1.31	8.85	11.99
EBLA	Ebey's Landing NHR	2	WA	Pacific West	0.86	18.80	0.464	1.225	11.13	0.50	4.01	6.67
EFMO	Effigy Mounds NM	2	IA	Midwest	3.37	0.73	0.487	0.500	0.43	4.49	13.05	12.61
EISE	Eisenhower NHS	2	PA	Northeast	1.09	2.40	0.188	0.235	1.11	2.90	14.69	19.75
ELMA	El Malpais NM	2	NM	Intermountain	1.34	0.34	0.113	0.103	0.21	0.71	4.18	3.12
ELMO	El Morro NM	2	NM	Intermountain	1.33	0.34	0.113	0.104	0.21	0.68	4.19	3.05
EVER	Everglades NP	1	FL	Southeast	1.35	14.43	0.428	0.975	8.18	1.43	7.84	10.28
FIIS	Fire Island NS	2	NY	Northeast	0.86	8.85	0.286	0.616	4.88	1.79	12.37	16.86
FLFO	Florissant Fossil Beds NM	2	CO	Intermountain	1.31	0.37	0.156	0.127	0.20	1.13	6.81	3.86
FOBO	Fort Bowie NHS	2	AZ	Intermountain	0.90	0.34	0.107	0.065	0.19	0.90	4.22	3.10
FOBU	Fossil Butte NM	2	WY	Intermountain	0.85	0.54	0.072	0.097	0.37	0.98	3.20	1.86

1999-2003 5-Year Average Wet Deposition Estimates

					kg/ha							
ALPHA	PARK NAME	CLASS	STATE	REGION	Ca	Cl	K	Mg	Na	NH ₄	NO ₃	SO ₄
FOCA	Fort Caroline NMem	2	FL	Southeast	1.04	4.81	0.313	0.375	2.79	0.97	7.63	10.60
FODA	Fort Davis NHS	2	TX	Intermountain	1.92	0.52	0.130	0.130	0.37	1.13	3.64	4.06
FODO	Fort Donelson NC	2	TN	Southeast	1.15	1.36	0.222	0.171	0.75	1.72	8.17	11.88
FOFR	Fort Frederica NM	2	GA	Southeast	0.90	4.50	0.356	0.353	2.68	1.11	7.75	10.52
FOLA	Fort Laramie NHS	2	WY	Intermountain	1.74	0.54	0.181	0.180	0.29	1.64	8.47	4.99
FOLS	Fort Larned NHS	2	KS	Midwest	2.25	0.76	0.246	0.185	0.48	3.14	8.46	7.67
FOMA	Fort Matanzas NM	2	FL	Southeast	1.27	6.84	0.367	0.522	3.98	1.17	8.69	12.57
FONE	Fort Necessity NB	2	PA	Northeast	1.22	1.36	0.261	0.189	0.58	2.27	13.96	19.57
FOPO	Fort Point NHS	2	MD	Pacific West	0.27	1.75	0.153	0.211	0.96	0.88	1.64	1.00
FOPU	Fort Pulaski NM	2	GA	Southeast	0.83	4.31	0.409	0.337	2.59	1.43	7.92	10.96
FOSC	Fort Scott NHS	2	KS	Midwest	2.84	1.26	0.252	0.253	0.80	3.22	12.27	12.75
FOSU	Fort Sumter NM	2	SC	Southeast	0.81	4.88	0.578	0.370	2.71	1.78	8.28	11.92
FOUN	Fort Union NM	2	NM	Intermountain	1.52	0.36	0.165	0.116	0.23	1.17	4.74	3.49
FOUS	Fort Union Trading Post NHS	2	MT	Midwest	0.87	0.22	0.103	0.109	0.12	1.56	3.88	2.57
FOVA	Fort Vancouver NHS	2	WA	Pacific West	0.49	9.94	0.262	0.651	5.99	0.41	1.95	3.59
FRED	Fredericksburg NC	2	VA	Northeast	0.97	3.64	0.300	0.316	1.83	2.35	12.30	18.59
FRHI	Friendship Hill NHS	2	PA	Northeast	1.28	1.32	0.274	0.192	0.55	2.25	14.04	19.91
FRSP	Fredericksburg & Spotsylvania NMP	2	VA	Northeast	0.98	3.07	0.268	0.292	1.55	2.38	12.16	18.68
GAAR	Gates of the Arctic NP & Preserve	2	AK	Alaska	NA	NA	NA	NA	NA	NA	NA	NA
GARI	Gauley River NRA	2	WV	Northeast	1.23	1.19	0.277	0.186	0.46	2.06	13.43	19.19
GATE	Gateway NRA	2	NY	Northeast	0.87	8.55	0.262	0.595	4.58	1.88	12.69	17.38
GETT	Gettysburg NMP	2	PA	Northeast	1.09	2.40	0.188	0.235	1.11	2.90	14.69	19.75
GEWA	George Washington Birthplace NM	2	VA	Northeast	0.95	4.58	0.316	0.364	2.34	2.36	12.58	18.74
GICL	Gila Cliff Dwellings NM	2	NM	Intermountain	0.79	0.25	0.092	0.063	0.13	0.56	3.27	2.78
GLAC	Glacier NP	1	MT	Intermountain	0.34	0.24	0.080	0.043	0.15	0.49	2.30	1.66
GLBA	Glacier Bay NP & Preserve	2	AK	Alaska	NA	NA	NA	NA	NA	NA	NA	NA
GLCA	Glen Canyon NRA	2	CA	Intermountain	1.22	0.34	0.118	0.123	0.17	0.53	3.46	1.90
GOGA	Golden Gate NRA	2	CA	Pacific West	0.27	2.13	0.152	0.225	1.18	0.82	1.63	1.07
GOSP	Golden Spike NHS	2	UT	Intermountain	1.10	1.15	0.103	0.132	0.83	1.96	3.42	2.02
GRBA	Great Basin NP	2	NV	Pacific West	0.75	0.30	0.054	0.069	0.18	0.61	2.79	1.53
GRCA	Grand Canyon NP	1	AZ	Intermountain	0.91	0.39	0.062	0.126	0.23	0.66	3.76	1.88
GRKO	Grant-Kohrs Ranch NHS	2	MT	Intermountain	0.39	0.17	0.068	0.044	0.08	0.48	1.79	1.25
GRPO	Grand Portage NM	2	MN	Midwest	1.66	0.35	0.146	0.220	0.17	2.78	8.61	7.43
GRSA	Great Sand Dunes NP & Pres	1	CO	Intermountain	1.30	0.29	0.116	0.093	0.22	0.78	4.09	2.63
GRSM	Great Smoky Mountains NP	1	TN	Southeast	1.21	1.73	0.335	0.197	0.84	2.27	11.90	18.10
GRTE	Grand Teton NP	1	WY	Intermountain	0.55	0.29	0.075	0.061	0.16	0.55	2.31	1.43
GUCO	Guilford Courthouse NMP	2	NC	Southeast	0.86	3.67	0.754	0.266	1.66	2.55	11.00	16.65
GUIS	Gulf Islands NS	2	MS	Southeast	1.18	4.92	0.312	0.397	2.82	2.00	10.00	13.46
GUMO	Guadalupe Mountains NP	1	TX	Intermountain	2.51	0.45	0.132	0.180	0.33	1.32	4.46	4.75
GWCA	George Washington Carver NM	2	MO	Midwest	2.60	1.52	0.289	0.259	0.97	3.32	11.57	12.70
GWMP	George Washington Mem PKWY	2	MD	National Capital	0.98	4.06	0.238	0.334	2.05	2.50	13.36	19.43
HAFE	Harpers Ferry NHP	2	WV	National Capital	1.05	2.46	0.222	0.248	1.19	2.60	13.54	19.26
HAFO	Hagerman Fossil Beds NM	2	ID	Pacific West	0.40	0.29	0.073	0.046	0.19	0.60	1.74	0.95
HALE	Haleakala NP	1	HI	Pacific West	NA	NA	NA	NA	NA	NA	NA	NA
HAVO	Hawaii Volcanoes NP	1	HI	Pacific West	NA	NA	NA	NA	NA	NA	NA	NA
HEHO	Herbert Hoover NHS	2	IA	Midwest	2.74	0.75	0.270	0.349	0.41	3.89	12.75	13.85
HOBE	Horseshoe Bend NMP	2	AL	Southeast	0.97	2.92	0.376	0.272	1.66	2.12	9.30	14.36
HOCU	Hopewell Culture NHP	2	OH	Midwest	1.16	0.92	0.159	0.173	0.35	2.11	12.14	15.90

1999-2003 5-Year Average Wet Deposition Estimates

ALPHA	PARK NAME	CLASS	STATE	REGION	kg/ha							
					Ca	Cl	K	Mg	Na	NH ₄	NO ₃	SO ₄
HOFR	Home of Franklin D. Roosevelt NHS	2	NY	Northeast	0.84	4.90	0.199	0.355	2.52	1.92	13.70	17.68
HOFU	Hopewell Furnace NHS	2	PA	Northeast	0.91	6.54	0.231	0.475	3.38	2.12	12.99	17.50
HOME	Homestead NM of America	2	NE	Midwest	2.43	0.62	0.181	0.198	0.39	3.72	9.98	9.00
HOSP	Hot Springs NP	2	AR	Midwest	1.79	2.45	0.508	0.303	1.55	2.33	9.40	13.27
HOVE	Hovenweep NM	2	CO	Intermountain	1.35	0.33	0.113	0.118	0.18	0.52	4.18	2.83
HUTR	Hubbel Trading Post NHS	2	AZ	Intermountain	1.31	0.34	0.104	0.113	0.19	0.59	4.03	2.64
INDU	Indiana Dunes NL	2	IN	Midwest	2.44	1.02	0.176	0.433	0.51	3.27	13.95	18.18
ISRO	Isle Royale NP	1	MI	Midwest	1.30	0.29	0.116	0.175	0.14	1.99	6.74	5.80
JECA	Jewel Cave NM	2	SD	Midwest	1.11	0.26	0.082	0.104	0.12	1.33	5.17	3.17
JELA	Jean Lafitte NPres	2	LA	Southeast	1.33	5.96	0.331	0.465	3.38	2.10	10.51	13.79
JODA	John Day Fossil Beds NM	2	OR	Pacific West	0.31	3.49	0.119	0.240	2.14	0.31	1.44	1.64
JOFL	Johnstown Flood NMem	2	PA	Northeast	1.10	1.31	0.266	0.175	0.52	2.40	14.55	19.35
JOMU	John Muir NHS	2	CA	Pacific West	0.27	1.52	0.171	0.222	0.83	1.00	1.65	0.98
JOTR	Joshua Tree NP	1	CA	Pacific West	0.41	0.82	0.071	0.093	0.49	0.90	3.38	1.61
KAHO	Kaloko-Honokohau NHP	2	HI	Pacific West	NA	NA	NA	NA	NA	NA	NA	NA
KALA	Kalaupapa NHP	2	HI	Pacific West	NA	NA	NA	NA	NA	NA	NA	NA
KATM	Katmai NP & Preserve	2	AK	Alaska	NA	NA	NA	NA	NA	NA	NA	NA
KEFJ	Kenai Fjords NP	2	AK	Alaska	NA	NA	NA	NA	NA	NA	NA	NA
KEMO	Kennesaw Mountain NBP	2	GA	Southeast	1.02	2.39	0.438	0.242	1.28	2.42	10.15	15.96
KIMO	Kings Mtn. NMP	2	SC	Southeast	0.97	2.60	0.431	0.226	1.24	2.52	11.62	18.70
KLGO	Klondike Gold Rush NHP	2	AK	Alaska	NA	NA	NA	NA	NA	NA	NA	NA
KNRI	Knife River Indian Villages NHS	2	ND	Midwest	1.31	0.29	0.150	0.183	0.16	2.74	5.93	4.15
KOVA	Kobuk Valley NP	2	AK	Alaska	NA	NA	NA	NA	NA	NA	NA	NA
LABE	Lava Beds NM	1	CA	Pacific West	0.21	2.13	0.077	0.149	1.24	0.31	1.03	0.84
LACL	Lake Clark NP & Preserve	2	AK	Alaska	NA	NA	NA	NA	NA	NA	NA	NA
LAME	Lake Mead NRA	2	NV	Pacific West	0.71	0.49	0.073	0.101	0.29	0.75	3.28	1.61
LAMR	Lake Meredith NRA	2	TX	Intermountain	2.05	0.55	0.243	0.158	0.36	2.22	5.46	5.28
LARO	Lake Roosevelt NRA	2	WA	Pacific West	0.45	4.24	0.156	0.289	2.44	0.51	2.77	2.97
LAVO	Lassen Volcanic NP	1	CA	Pacific West	0.25	2.60	0.116	0.207	1.52	0.55	1.41	1.08
LEWI	Lewis and Clark NHP	2	OR	Pacific West	0.60	13.39	0.333	0.855	7.87	0.42	2.21	4.50
LIBI	Little Bighorn NM	2	MT	Intermountain	0.47	0.14	0.060	0.057	0.08	0.69	2.48	1.58
LIBO	Lincoln Boyhood NMem	2	IN	Midwest	1.76	1.42	0.224	0.236	0.73	2.83	12.75	18.50
LIRI	Little River Canyon NPres	2	AL	Southeast	1.18	2.66	0.371	0.275	1.52	2.92	11.51	18.53
LYJO	Lyndon B. Johnson NHP	2	TX	Intermountain	2.07	2.99	0.293	0.281	1.85	1.84	5.35	7.70
MABI	Marsh-Billings_Rockefeller NHP	2	VT	Northeast	0.70	2.85	0.193	0.242	1.58	1.57	11.38	12.50
MACA	Mammoth Cave NP	1	KY	Southeast	1.38	1.39	0.210	0.190	0.70	2.30	11.48	16.52
MANA	Manassas NBP	2	VA	National Capital	1.00	3.40	0.242	0.304	1.70	2.48	12.91	19.08
MANZ	Manzanar NHS	2	CA	Pacific West	0.38	0.75	0.102	0.090	0.46	1.42	3.51	1.47
MEVE	Mesa Verde NP	1	CO	Intermountain	1.36	0.34	0.102	0.115	0.19	0.54	4.53	3.14
MIMA	Minute Man NHP	2	MA	Northeast	0.78	8.66	0.288	0.585	5.04	1.36	10.23	14.79
MISS	Mississippi NRA	2	MN	Midwest	2.51	0.54	0.234	0.345	0.33	4.05	10.38	8.89
MNRR	Missouri NRR	2	NE	Midwest	2.03	0.41	0.198	0.215	0.23	3.65	8.29	6.51
MOCA	Montezuma Castle NM	2	AZ	Intermountain	0.90	0.37	0.074	0.101	0.21	0.64	3.56	2.10
MOCR	Moores Creek NB	2	NC	Southeast	0.88	8.23	0.764	0.552	4.48	3.41	9.46	14.03
MOJA	Mojave NPres	2	CA	Pacific West	0.51	0.68	0.076	0.095	0.40	0.86	3.25	1.51
MONO	Monocacy NB	2	MD	National Capital	1.05	2.83	0.209	0.264	1.37	2.72	14.01	19.51
MORA	Mount Rainier NP	1	WA	Pacific West	0.33	4.18	0.139	0.269	2.37	0.28	1.97	3.12
MORR	Morristown NHP	2	NJ	Northeast	0.83	6.48	0.208	0.458	3.36	1.94	13.08	17.26

1999-2003 5-Year Average Wet Deposition Estimates

ALPHA	PARK NAME	CLASS	STATE	REGION	kg/ha							
					Ca	Cl	K	Mg	Na	NH ₄	NO ₃	SO ₄
MORU	Mount Rushmore NMem	2	SD	Midwest	1.14	0.27	0.094	0.108	0.13	1.51	5.35	3.27
MUWO	Muir Woods NM	2	CA	Pacific West	0.27	1.93	0.153	0.219	1.07	0.86	1.64	1.04
NABR	Natural Bridges NM	2	UT	Intermountain	1.47	0.38	0.169	0.137	0.18	0.50	3.63	2.20
NACE	Anacostia Park	2	DC	National Capital	0.97	4.23	0.234	0.342	2.15	2.52	13.53	19.59
NAVA	Navajo NM	2	AZ	Intermountain	1.34	0.36	0.112	0.127	0.19	0.57	3.90	2.32
NEPE	Nez Perce NHP	2	MT	Pacific West	0.34	0.40	0.082	0.051	0.25	0.52	1.83	1.36
NERI	New River Gorge NR	2	WV	Northeast	1.23	1.17	0.251	0.186	0.46	2.06	13.01	18.77
NIOB	Niobrara NSR	2	NE	Midwest	1.45	0.32	0.207	0.144	0.17	2.89	6.51	4.29
NISI	Ninety Six NHS	2	SC	Southeast	0.97	2.93	0.445	0.254	1.54	2.18	10.36	15.97
NOAT	Noatak NP	2	AK	Alaska	NA	NA	NA	NA	NA	NA	NA	NA
NOCA	North Cascades NP	1	WA	Pacific West	0.62	6.82	0.205	0.451	3.90	0.47	5.88	5.39
NPSA	The National Park of American Samoa	2	AS	Pacific West	NA	NA	NA	NA	NA	NA	NA	NA
OBRI	Obed Wild and Scenic River	2	TN	Southeast	1.28	2.05	0.252	0.204	0.89	2.18	12.46	20.03
OCMU	Ocmulgee NM	2	GA	Southeast	0.86	2.86	0.439	0.263	1.62	2.01	8.68	12.98
OLYM	Olympic NP	1	WA	Pacific West	1.45	41.52	0.926	2.609	23.95	0.62	3.17	10.04
ORCA	Oregon Caves NM	2	OR	Pacific West	0.26	3.92	0.112	0.258	2.30	0.30	1.07	1.25
ORPI	Organ Pipe Cactus NM	2	AZ	Intermountain	0.46	0.59	0.046	0.064	0.33	0.71	2.70	1.62
OZAR	Ozark NSR	2	MO	Midwest	1.86	1.75	0.372	0.261	1.02	2.77	11.49	13.82
PAAL	Palo Alto Battlefield NHS	2	TX	Intermountain	1.63	4.11	0.335	0.340	2.48	1.92	5.70	8.26
PAIS	Padre Island NS	2	TX	Intermountain	1.54	4.34	0.346	0.349	2.63	1.90	5.21	7.79
PECO	Pecos NHP	2	NM	Intermountain	1.49	0.34	0.126	0.108	0.21	0.92	4.53	3.25
PEFO	Petrified Forest NP	1	AZ	Intermountain	1.11	0.33	0.095	0.098	0.19	0.62	3.83	2.57
PERI	Pea Ridge NMP	2	AR	Midwest	2.37	1.76	0.304	0.262	1.11	3.49	11.00	12.73
PETE	Petersburg NB	2	VA	Northeast	0.86	4.66	0.555	0.341	2.39	2.11	10.61	16.06
PETR	Petroglyph NM	2	NM	Intermountain	1.50	0.34	0.120	0.109	0.22	0.82	4.46	3.26
PINN	Pinnacles NM	1	CA	Pacific West	0.07	0.21	0.022	0.024	0.12	0.20	0.53	0.25
PIPE	Pipestone NM	2	MN	Midwest	1.89	0.38	0.170	0.236	0.21	3.50	7.48	5.66
PIRO	Pictured Rocks NL	2	MI	Midwest	1.72	0.53	0.180	0.239	0.25	2.73	10.85	9.65
PISP	Pipe Spring NM	2	AZ	Intermountain	0.84	0.35	0.071	0.113	0.20	0.61	3.56	1.79
PORE	Point Reyes NS	1	CA	Pacific West	0.28	2.46	0.149	0.236	1.37	0.75	1.62	1.13
PRWI	Prince William Forest Park	2	VA	National Capital	0.98	3.59	0.256	0.314	1.80	2.43	12.69	18.97
PUHO	Pu`uhonua o Honaunua NHP	2	HI	Pacific West	NA	NA	NA	NA	NA	NA	NA	NA
RABR	Rainbow Bridge NM	2	UT	Intermountain	1.27	0.35	0.113	0.126	0.19	0.56	3.71	2.10
REDW	Redwood NP	1	CA	Pacific West	0.28	4.27	0.129	0.291	2.54	0.37	1.22	1.38
RICH	Richmond NBP	2	VA	Northeast	0.90	4.57	0.487	0.346	2.34	2.19	11.06	16.74
ROCR	Rock Creek Park	2	DC	National Capital	0.98	4.06	0.238	0.334	2.05	2.50	13.36	19.43
ROMO	Rocky Mountain NP	1	CO	Intermountain	1.82	0.59	0.242	0.201	0.33	1.58	9.88	5.35
RUCA	Russell Cave NM	2	AL	Southeast	1.20	2.37	0.344	0.249	1.30	2.65	11.44	18.17
SAAN	San Antonio Missions NHP	2	TX	Intermountain	1.72	3.84	0.326	0.321	2.36	1.85	4.88	7.34
SACN	Saint Croix NSR	2	MN	Midwest	2.53	0.52	0.255	0.345	0.30	4.19	10.92	9.09
SAGA	Saint-Gaudens NHS	2	NH	Northeast	0.71	3.44	0.214	0.278	1.93	1.55	11.35	12.76
SAGU	Saguaro NP	1	AZ	Intermountain	0.78	0.33	0.080	0.064	0.19	0.75	3.53	2.53
SAHI	Sagamore Hill NHS	2	NY	Northeast	0.86	7.72	0.255	0.530	4.08	1.89	12.97	18.03
SAIR	Saugus Iron Works NHS	2	MA	Northeast	0.80	10.16	0.305	0.682	6.00	1.31	9.96	14.66
SAJH	San Juan Island NHP	2	WA	Pacific West	0.94	21.55	0.524	1.406	12.81	0.52	3.98	7.12
SAMO	Santa Monica Mountains NRA	2	CA	Pacific West	0.29	1.14	0.078	0.108	0.68	0.99	3.51	1.52
SAPU	Salinas Pueblo Missions NM	2	NM	Intermountain	1.90	0.43	0.152	0.144	0.34	1.09	4.65	4.15
SARA	Saratoga NHP	2	NY	Northeast	0.80	1.96	0.154	0.209	1.04	1.75	12.81	13.84

1999-2003 5-Year Average Wet Deposition Estimates

kg/ha

ALPHA	PARK NAME	CLASS	STATE	REGION	Ca	Cl	K	Mg	Na	NH ₄	NO ₃	SO ₄
SCBL	Scotts Bluff NM	2	NE	Midwest	1.65	0.51	0.199	0.171	0.27	1.85	8.31	4.85
SEKI	Sequoia / Kings Canyon NP	1	CA	Pacific West	0.38	0.75	0.106	0.089	0.46	1.50	3.62	1.50
SHEN	Shenandoah NP	1	VA	Northeast	1.01	2.45	0.230	0.269	1.25	2.40	12.04	18.85
SHIL	Shiloh NMP	2	TN	Southeast	1.31	2.20	0.430	0.242	1.28	2.04	9.57	13.42
SITK	Sitka NHP	2	AK	Alaska	NA	NA	NA	NA	NA	NA	NA	NA
SLBE	Sleeping Bear Dunes NL	2	MI	Midwest	2.09	0.72	0.167	0.335	0.34	2.97	13.17	12.05
STRI	Stones River NB	2	TN	Southeast	1.29	1.87	0.290	0.213	0.97	2.29	11.00	16.65
SUCR	Sunset Crater NM	2	AZ	Intermountain	1.00	0.38	0.072	0.120	0.21	0.65	3.81	2.10
TAPR	Tallgrass Prairie NPres	2	KS	Midwest	2.84	0.93	0.217	0.240	0.62	3.39	10.86	11.11
THRO	Theodore Roosevelt NP	1	ND	Midwest	1.00	0.24	0.110	0.122	0.13	1.74	4.48	2.93
THST	Thomas Stone NHS	2	MD	Northeast	0.96	4.22	0.270	0.345	2.14	2.42	12.90	19.12
TICA	Timpanogos Cave NM	2	UT	Intermountain	1.11	0.60	0.086	0.117	0.40	1.04	3.14	1.78
TIMU	Timucuan Ecological and Historical Prese	2	FL	Southeast	1.04	4.92	0.324	0.384	2.86	0.99	7.74	10.73
TONT	Tonto NM	2	AZ	Intermountain	0.78	0.32	0.073	0.071	0.18	0.64	3.31	2.25
TUMA	Tumacacori NM	2	AZ	Intermountain	0.77	0.41	0.077	0.070	0.23	0.77	3.48	2.45
TUZI	Tuzigoot NM	2	AZ	Intermountain	0.90	0.38	0.072	0.106	0.21	0.65	3.58	2.06
UPDE	Upper Delaware Scenic and Recreational R	2	DE	Northeast	0.80	3.12	0.151	0.250	1.58	1.97	13.99	16.92
VAFO	Valley Forge NHP	2	PA	Northeast	0.90	8.06	0.248	0.572	4.24	2.01	12.64	17.11
VAMA	Vanderbilt Mansion NHS	2	NY	Northeast	0.84	4.90	0.199	0.355	2.52	1.92	13.70	17.68
VICK	Vicksburg NC	2	MS	Southeast	1.21	3.48	0.289	0.305	2.07	1.86	8.79	11.52
VIIS	Virgin Islands NP	1	VI	Southeast	NA	NA	NA	NA	NA	NA	NA	NA
VOYA	Voyageurs NP	1	MN	Midwest	1.97	0.44	0.201	0.270	0.24	3.37	9.30	7.68
WABA	Washita Battlefield NHS	2	OK	Intermountain	2.61	1.12	0.322	0.226	0.72	2.93	8.57	8.80
WACA	Walnut Canyon NM	2	AZ	Intermountain	0.99	0.37	0.074	0.115	0.21	0.65	3.76	2.13
WAPA	War in the Pacific NHP	2	GU	Pacific West	NA	NA	NA	NA	NA	NA	NA	NA
WEFA	Weir Farm NHS	2	CT	Northeast	0.85	7.34	0.256	0.505	3.89	1.87	12.95	17.85
WHIS	Whiskeytown NRA	2	CA	Pacific West	0.24	2.69	0.107	0.205	1.59	0.45	1.28	1.05
WHMI	Whitman Mission NHS	2	WA	Pacific West	0.29	1.30	0.078	0.101	0.78	0.37	1.60	1.45
WHSA	White Sands NM	2	NM	Intermountain	2.46	0.53	0.164	0.188	0.48	1.23	4.77	4.97
WICA	Wind Cave NP	1	SD	Midwest	1.19	0.30	0.106	0.115	0.15	1.56	5.68	3.44
WICR	Wilson's Creek NB	2	MO	Midwest	2.23	1.53	0.316	0.249	0.96	2.94	10.66	12.06
WOTR	Wolf Trap Farm Park	2	VA	National Capital	1.00	3.61	0.235	0.311	1.80	2.52	13.28	19.27
WRST	Wrangell-St Elias NP & Pres	2	AK	Alaska	NA	NA	NA	NA	NA	NA	NA	NA
WUPA	Wupatki NM	2	AZ	Intermountain	1.01	0.38	0.071	0.123	0.22	0.65	3.85	2.10
YELL	Yellowstone NP	1	WY	Intermountain	0.54	0.25	0.126	0.056	0.13	0.58	2.29	1.36
YOSE	Yosemite NP	1	CA	Pacific West	0.33	0.69	0.105	0.081	0.41	1.29	3.54	1.35
YUCH	Yukon-Charley Rivers NPres	2	AK	Alaska	NA	NA	NA	NA	NA	NA	NA	NA
YUHO	Yucca House NM	2	CO	Intermountain	1.31	0.32	0.101	0.113	0.18	0.52	4.35	3.01
ZION	Zion NP	1	UT	Intermountain	0.77	0.34	0.076	0.100	0.19	0.59	3.33	1.68