



2001-2005 5-Year Average Wet Deposition Estimates

*Values obtained at park centroid from interpolated data

**Interpolated values obtained by multiplying concentration depositions by normalized precipitation (PRISM 1971-2000 30-year average) and dividing by 10.

All other interpolated values created using NADP wet deposition interpolations (derived using NADP precipitation measurements).

kg/ha

ALPHA	PARK NAME	CLASS	STATE	REGION	kg/ha									
					Ca	Cl	K	Mg	Na	NH ₄	NO ₃	SO ₄	Total-N**	Total-S**
ABLI	Abraham Lincoln NHS	2	KY	Southeast	1.41	1.51	0.293	0.216	0.76	3.18	12.31	18.55	5.35	5.93
ACAD	Acadia NP	1	ME	Northeast	0.67	10.83	0.288	0.691	5.99	1.40	8.01	11.23	3.12	3.82
AGFO	Agate Fossil Beds NM	2	NE	Midwest	1.57	0.34	0.162	0.151	0.26	1.87	6.59	3.72	2.04	0.78
ALAG	Alagnak Wild River	2	AK	Alaska	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
ALFL	Alibates Flint Quarries NM	2	TX	Intermountain	1.67	0.42	0.176	0.114	0.26	2.63	5.09	4.36	3.81	1.69
ALPO	Allegheny Portage Railroad NHS	2	PA	Northeast	1.07	1.42	0.251	0.172	0.51	3.13	15.47	22.66	5.47	6.78
AMIS	Amistad NRA	2	TX	Intermountain	1.66	1.16	0.144	0.134	0.72	1.40	4.31	5.52	1.94	1.72
AMME	American Mem Park	2	CM	Pacific West	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
ANIA	Aniakchak Preserve NM & Pres	2	AK	Alaska	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
ANTI	Antietam NB	2	MD	National Capital	0.93	2.25	0.206	0.197	1.02	3.22	13.53	20.51	4.94	5.86
APCO	Appomattox Court House NHP	2	VA	Northeast	0.78	2.42	0.462	0.187	1.08	2.62	11.50	17.69	4.29	5.33
APIS	Apostle Islands NL	2	WI	Midwest	1.40	0.34	0.151	0.179	0.18	3.04	8.25	7.03	4.77	2.67
ARCH	Arches NP	1	UT	Intermountain	1.27	0.21	0.067	0.120	0.15	0.65	2.90	1.71	1.22	0.58
ARPO	Arkansas Post NMem	2	AR	Midwest	1.50	3.40	0.738	0.322	2.01	3.30	10.63	13.79	4.86	4.41
ASIS	Assateague Island NS	2	MD	Northeast	0.97	16.02	0.606	1.042	8.77	2.43	10.71	16.51	4.38	5.38
AZRU	Aztec Ruins NM	2	NM	Intermountain	1.26	0.28	0.110	0.100	0.17	0.76	4.20	2.62	1.01	0.56
BADL	Badlands NP	1	SD	Midwest	0.99	0.21	0.114	0.097	0.16	2.00	4.69	2.86	2.83	1.03
BAND	Bandelier NM	1	NM	Intermountain	0.85	0.20	0.073	0.061	0.12	0.82	3.53	2.22	1.88	0.94
BELA	Bering Land Bridge NPres	2	AK	Alaska	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BEOL	Bents Old Fort NHS	2	CO	Intermountain	0.97	0.20	0.124	0.077	0.14	1.57	3.77	2.17	2.13	0.73
BIBE	Big Bend NP	1	TX	Intermountain	1.53	0.38	0.072	0.069	0.27	0.97	2.60	3.35	1.67	1.38
BICA	Bighorn Canyon NRA	2	MT	Intermountain	0.66	0.18	0.088	0.074	0.14	0.83	2.52	1.67	1.05	0.47
BICY	Big Cypress NPres	2	FL	Southeast	1.71	12.45	0.649	0.855	6.96	1.69	8.64	11.82	2.96	3.53
BIHO	Big Hole NB	2	MT	Pacific West	0.71	0.32	0.154	0.087	0.28	0.60	2.20	1.53	1.09	0.55
BISC	Biscayne NP	2	FL	Southeast	1.77	13.28	0.717	0.911	7.43	1.67	8.38	11.65	0.00	0.00
BISO	Big South Fork NR and NRA	2	TN	Southeast	1.23	1.86	0.319	0.260	0.78	2.67	11.73	19.49	4.88	6.46
BITH	Big Thicket NPres	2	TX	Intermountain	1.57	5.45	0.525	0.413	3.05	2.44	9.23	13.02	4.70	5.09
BLCA	Black Canyon of the Gunnison NP	1	IM	Intermountain	1.28	0.30	0.133	0.113	0.18	0.81	4.52	2.49	1.02	0.50
BLUE	Bluestone NSR	2	WV	Northeast	1.32	1.34	0.690	0.207	0.50	2.70	12.80	19.91	3.95	5.19
BOHA	Boston Harbor Islands NRA	2	MA	Northeast	0.80	9.66	0.347	0.623	5.30	1.81	10.82	14.83	3.75	4.88
BOWA	Booker T. Washington NM	2	VA	Northeast	0.96	1.93	0.576	0.196	0.86	2.70	11.17	17.56	4.04	5.02
BRCA	Bryce Canyon NP	1	UT	Intermountain	0.78	0.26	0.093	0.110	0.15	0.70	3.17	1.78	1.50	0.70
BUFF	Buffalo NR	2	AR	Midwest	1.62	1.37	0.354	0.203	0.84	2.67	8.55	9.64	5.00	3.87
BUIS	Buck Island Reef NM	2	VI	Southeast	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
CABR	Cabrillo NM	2	CA	Pacific West	0.35	1.20	0.117	0.094	0.68	0.91	2.65	1.55	0.90	0.40
CACH	Canyon de Chelly NM	2	AZ	Intermountain	1.11	0.27	0.095	0.098	0.17	0.73	3.72	2.32	1.27	0.65

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ALPHA	PARK NAME	CLASS	STATE	REGION	kg/ha									
					Ca	Cl	K	Mg	Na	NH ₄	NO ₃	SO ₄	Total-N**	Total-S**
CACO	Cape Cod NS	2	MA	Northeast	1.00	21.12	0.590	1.345	11.67	1.64	10.29	14.27	3.45	4.60
CAGR	Casa Grande NM	2	AZ	Intermountain	0.58	0.44	0.075	0.063	0.25	0.65	2.42	1.70	1.19	0.62
CAHA	Cape Hatteras NS	2	NC	Southeast	0.87	9.79	0.422	0.641	5.35	2.62	9.57	14.40	4.60	5.23
CAKR	Cape Krusenstern NM	2	AK	Alaska	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
CALO	Cape Lookout NS	2	CA	Southeast	1.00	14.48	0.445	0.921	8.00	2.22	8.98	13.57	4.03	4.76
CANA	Canaveral NS	2	FL	Southeast	1.68	17.79	0.659	1.169	9.93	2.12	10.38	15.49	3.75	4.76
CANY	Canyonlands NP	1	UT	Intermountain	1.16	0.22	0.067	0.118	0.15	0.62	2.92	1.68	1.00	0.48
CARE	Capitol Reef NP	1	UT	Intermountain	1.06	0.25	0.081	0.115	0.17	0.69	3.03	1.75	1.00	0.47
CARL	Carl Sandburg Home NHS	2	NC	Southeast	0.91	2.03	0.358	0.199	1.00	2.86	11.14	19.84	4.02	5.50
CASA	Castillo San Marcos NM	2	FL	Southeast	1.24	8.45	0.395	0.576	4.74	1.61	9.65	13.36	3.06	4.00
CATO	Catoctin Mountain Park	2	MD	National Capital	0.92	2.38	0.193	0.203	1.09	3.31	13.63	20.57	6.01	6.97
CAVE	Carlsbad Caverns NP	1	NM	Intermountain	2.25	0.46	0.102	0.169	0.38	1.31	3.92	4.21	2.27	1.67
CAVO	Capulin Mountain Volcano NM	2	NM	Intermountain	1.04	0.26	0.125	0.078	0.15	1.51	4.29	2.73	2.75	1.18
CEBR	Cedar Breaks NM	2	UT	Intermountain	0.81	0.29	0.094	0.110	0.18	0.74	3.15	1.78	2.94	1.35
CHAT	Chattahoochee River NRA	2	GA	Southeast	0.95	2.71	0.580	0.255	1.42	2.88	9.80	15.95	4.36	5.20
CHCH	Chickamauga and Chattanooga NMP	2	TN	Southeast	1.11	2.31	0.458	0.260	1.15	2.97	10.95	18.25	4.67	5.79
CHCU	Chaco Culture NHP	2	NM	Intermountain	1.13	0.27	0.104	0.091	0.17	0.80	4.05	2.53	0.97	0.51
CHIC	Chickasaw NRA	2	OK	Intermountain	2.30	1.41	0.511	0.196	0.81	2.65	8.27	8.80	5.07	3.67
CHIR	Chiricahua NM	1	AZ	Intermountain	0.82	0.39	0.116	0.064	0.24	0.90	3.41	2.37	2.55	1.35
CHIS	Channel Islands NP	2	CA	Pacific West	0.32	1.67	0.109	0.126	0.94	1.07	2.86	1.64	1.17	0.43
CHOH	Chesapeake and Ohio Canal NHP	2	MD	National Capital	1.01	1.66	0.231	0.172	0.70	3.01	13.73	21.04	4.32	5.27
CIRO	City of Rocks NR	2	ID	Pacific West	0.93	0.58	0.091	0.094	0.48	1.19	2.41	1.59	1.84	0.67
COLM	Colorado NM	2	CO	Intermountain	1.37	0.27	0.116	0.124	0.18	0.80	4.08	2.31	1.28	0.62
COLO	Colonial NHP	2	VA	Northeast	0.81	6.82	0.411	0.464	3.64	2.73	10.65	16.17	4.50	5.36
CORO	Coronado NMem	2	AZ	Intermountain	0.78	0.40	0.100	0.065	0.24	0.82	3.05	2.19	2.27	1.22
COSW	Congaree Swamp NM	2	SC	Southeast	0.88	4.38	0.557	0.333	2.37	2.16	9.18	14.31	3.73	4.85
COWP	Cowpens NB	2	SC	Southeast	0.89	2.27	0.400	0.211	1.12	2.93	10.89	19.31	4.10	5.41
CRLA	Crater Lake NP	1	OR	Pacific West	0.26	3.12	0.115	0.193	1.74	0.32	1.40	1.43	1.73	0.93
CRMO	Craters of the Moon NM	1	ID	Pacific West	0.58	0.27	0.064	0.057	0.25	0.80	1.90	1.16	1.03	0.35
CUGA	Cumberland Gap NHP	2	KY	Southeast	1.14	1.41	0.285	0.182	0.63	2.46	11.39	17.47	4.84	6.17
CUIS	Cumberland Island NS	2	GA	Southeast	1.04	6.60	0.351	0.459	3.70	1.63	9.19	12.65	3.11	4.11
CURE	Curecanti NRA	2	CO	Intermountain	1.26	0.31	0.136	0.112	0.19	0.85	4.79	2.63	1.38	0.67
CUVA	Cuyahoga Valley NP	2	OH	Midwest	1.62	1.17	0.266	0.260	0.45	3.60	14.57	20.88	6.30	7.12
DENA	Denali NP & Pres	1	AK	Alaska	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DEPO	Devils Postpile NM	2	CA	Pacific West	0.35	1.27	0.112	0.102	0.71	1.44	3.33	1.78	2.55	0.80
DETO	Devils Tower NM	2	WY	Intermountain	1.03	0.20	0.092	0.100	0.15	1.42	4.20	2.61	2.30	0.95
DEVA	Death Valley NP	2	NV	Pacific West	0.40	1.09	0.118	0.100	0.61	1.32	3.11	1.68	0.41	0.14
DEWA	Delaware Water Gap NRA	2	PA	Northeast	0.89	2.91	0.268	0.248	1.45	2.64	14.79	18.62	5.21	5.97
DINO	Dinosaur NM	2	CO	Intermountain	1.34	0.31	0.106	0.125	0.23	0.91	4.22	2.51	1.38	0.66
DRTO	Dry Tortugas NP	2	FL	Southeast	1.51	10.70	0.519	0.735	5.98	1.71	9.14	12.39	2.61	3.18
EBLA	Ebey's Landing NHR	2	WA	Pacific West	0.64	12.14	0.348	0.709	6.64	0.45	3.75	4.65	0.42	0.43
EFMO	Effigy Mounds NM	2	IA	Midwest	3.22	0.60	0.480	0.441	0.36	4.64	10.99	10.09	6.48	3.57
EISE	Eisenhower NHS	2	PA	Northeast	0.92	2.37	0.186	0.203	1.08	3.35	13.78	20.69	5.97	6.87
ELMA	El Malpais NM	2	NM	Intermountain	0.98	0.28	0.095	0.077	0.17	0.81	3.58	2.46	1.81	0.96
ELMO	El Morro NM	2	NM	Intermountain	0.97	0.28	0.095	0.079	0.17	0.79	3.58	2.40	1.92	1.00
EVER	Everglades NP	1	FL	Southeast	1.79	13.35	0.725	0.916	7.47	1.67	8.34	11.57	2.81	3.35
FIIS	Fire Island NS	2	NY	Northeast	0.86	5.87	0.319	0.418	3.12	2.38	13.52	17.36	3.97	5.70
FLFO	Florissant Fossil Beds NM	2	CO	Intermountain	1.21	0.28	0.145	0.119	0.17	1.24	5.65	2.91	2.13	0.88

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FOBO	Fort Bowie NHS	2	AZ	Intermountain	0.78	0.38	0.112	0.062	0.23	0.88	3.30	2.30	1.77	0.94
FOBU	Fossil Butte NM	2	WY	Intermountain	0.94	0.47	0.075	0.093	0.35	0.98	2.53	1.60	2.53	1.02
FOCA	Fort Caroline NMem	2	FL	Southeast	1.12	6.98	0.345	0.483	3.92	1.54	9.46	12.99	3.19	4.19
FODA	Fort Davis NHS	2	TX	Intermountain	1.83	0.53	0.105	0.123	0.38	1.23	3.57	4.00	1.77	1.34
FODO	Fort Donelson NC	2	TN	Southeast	1.36	1.87	0.284	0.217	1.04	2.92	11.38	15.23	5.32	5.53
FOFR	Fort Frederica NM	2	GA	Southeast	0.97	6.15	0.380	0.430	3.43	1.77	8.91	12.27	3.12	4.16
FOLA	Fort Laramie NHS	2	WY	Intermountain	1.72	0.38	0.169	0.167	0.31	1.74	6.98	3.93	1.74	0.69
FOLS	Fort Larned NHS	2	KS	Midwest	2.11	0.63	0.224	0.160	0.41	3.30	7.26	6.14	4.59	2.06
FOMA	Fort Matanzas NM	2	FL	Southeast	1.30	9.41	0.422	0.637	5.28	1.66	9.73	13.58	3.11	4.06
FONE	Fort Necessity NB	2	PA	Northeast	1.19	1.37	0.250	0.175	0.51	2.95	14.59	22.45	5.73	7.46
FOPO	Fort Point NHS	2	MD	Pacific West	0.31	2.95	0.142	0.281	1.50	1.50	2.42	1.62	2.70	0.78
FOPU	Fort Pulaski NM	2	GA	Southeast	0.89	5.98	0.464	0.417	3.30	2.05	8.63	12.39	3.33	4.31
FOSC	Fort Scott NHS	2	KS	Midwest	3.11	1.28	0.341	0.256	0.84	3.85	11.07	11.64	6.12	4.26
FOSU	Fort Sumter NM	2	SC	Southeast	0.98	10.26	0.488	0.672	5.61	1.70	8.98	14.28	3.07	4.47
FOUN	Fort Union NM	2	NM	Intermountain	1.05	0.24	0.102	0.076	0.16	1.15	3.93	2.63	2.33	1.11
FOUS	Fort Union Trading Post NHS	2	MT	Midwest	0.74	0.15	0.077	0.109	0.14	1.38	3.06	2.29	1.97	0.86
FOVA	Fort Vancouver NHS	2	WA	Pacific West	0.41	6.84	0.236	0.405	3.73	0.48	2.39	2.89	1.35	0.90
FRED	Fredericksburg NC	2	VA	Northeast	0.83	3.40	0.292	0.259	1.71	2.83	11.84	18.37	4.03	5.17
FRHI	Friendship Hill NHS	2	PA	Northeast	1.26	1.36	0.262	0.183	0.50	2.96	14.70	22.82	5.03	6.59
FRSP	Fredericksburg & Spotsylvania NMP	2	VA	Northeast	0.82	2.86	0.281	0.226	1.42	2.84	11.74	18.27	4.09	5.19
GAAR	Gates of the Arctic NP & Preserve	2	AK	Alaska	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
GARI	Gauley River NRA	2	WV	Northeast	1.42	1.39	0.517	0.206	0.49	2.92	14.64	22.23	5.10	6.76
GATE	Gateway NRA	2	NY	Northeast	0.90	5.43	0.315	0.396	2.85	2.56	14.14	18.50	4.58	5.65
GETT	Gettysburg NMP	2	PA	Northeast	0.93	2.30	0.185	0.199	1.04	3.37	13.89	20.79	5.86	6.69
GEWA	George Washington Birthplace NM	2	VA	Northeast	0.83	5.02	0.327	0.355	2.60	2.77	11.83	18.24	4.08	5.23
GICL	Gila Cliff Dwellings NM	2	NM	Intermountain	0.82	0.29	0.097	0.059	0.17	0.75	3.04	2.39	1.99	1.21
GLAC	Glacier NP	1	MT	Intermountain	0.47	0.28	0.122	0.060	0.20	0.85	3.05	1.78	1.95	0.79
GLBA	Glacier Bay NP & Preserve	2	AK	Alaska	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
GLCA	Glen Canyon NRA	2	CA	Intermountain	1.01	0.25	0.086	0.114	0.16	0.69	3.21	1.85	0.98	0.47
GOGA	Golden Gate NRA	2	CA	Pacific West	0.31	3.23	0.145	0.289	1.66	1.40	2.38	1.66	2.78	0.85
GOSP	Golden Spike NHS	2	UT	Intermountain	1.47	1.13	0.112	0.148	0.86	1.93	2.92	2.04	2.59	0.87
GRBA	Great Basin NP	2	NV	Pacific West	1.02	0.37	0.113	0.095	0.34	0.92	3.08	1.72	2.28	0.94
GRCA	Grand Canyon NP	1	AZ	Intermountain	0.86	0.37	0.076	0.128	0.22	0.76	3.31	1.87	1.10	0.51
GRKO	Grant-Kohrs Ranch NHS	2	MT	Intermountain	0.57	0.22	0.105	0.063	0.19	0.64	2.15	1.34	0.71	0.31
GRPO	Grand Portage NM	2	MN	Midwest	1.09	0.27	0.128	0.142	0.13	2.49	6.92	6.06	3.78	2.18
GRSA	Great Sand Dunes NP & Pres	1	CO	Intermountain	0.89	0.22	0.102	0.077	0.19	0.88	3.74	2.20	1.00	0.45
GRSM	Great Smoky Mountains NP	1	TN	Southeast	1.10	1.86	0.466	0.231	0.86	2.59	11.71	18.87	4.62	6.22
GRTE	Grand Teton NP	1	WY	Intermountain	0.71	0.28	0.102	0.074	0.21	0.77	2.33	1.49	2.59	1.14
GUCO	Guilford Courthouse NMP	2	NC	Southeast	0.82	2.56	0.517	0.217	1.24	3.20	10.44	16.81	4.76	5.44
GUIS	Gulf Islands NS	2	MS	Southeast	1.34	10.58	0.526	0.714	5.90	2.26	10.86	15.98	4.24	5.31
GUMO	Guadalupe Mountains NP	1	TX	Intermountain	2.33	0.48	0.103	0.177	0.40	1.32	3.93	4.31	2.17	1.60
GWCA	George Washington Carver NM	2	MO	Midwest	2.54	1.31	0.321	0.229	0.84	3.46	9.96	10.76	5.68	4.05
GWMP	George Washington Mem PKWY	2	MD	National Capital	0.86	3.74	0.250	0.280	1.87	2.96	12.64	19.40	4.49	5.72
HAFE	Harpers Ferry NHP	2	WV	National Capital	0.92	2.41	0.221	0.206	1.12	3.12	13.19	20.14	4.70	5.63
HAFO	Hagerman Fossil Beds NM	2	ID	Pacific West	0.59	0.33	0.083	0.061	0.35	0.86	2.00	1.30	0.88	0.32
HALE	Haleakala NP	1	HI	Pacific West	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
HAVO	Hawaii Volcanoes NP	1	HI	Pacific West	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
HEHO	Herbert Hoover NHS	2	IA	Midwest	2.67	0.73	0.291	0.324	0.45	4.02	10.54	11.18	6.37	4.26

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HOBE	Horseshoe Bend NMP	2	AL	Southeast	1.01	4.01	0.547	0.326	2.21	2.72	9.44	14.67	4.34	4.98
HOCU	Hopewell Culture NHP	2	OH	Midwest	1.50	1.26	0.275	0.230	0.50	3.20	14.34	21.68	5.52	6.82
HOFR	Home of Franklin D. Roosevelt NHS	2	NY	Northeast	0.88	2.97	0.297	0.248	1.48	2.66	15.01	18.98	4.98	5.83
HOFU	Hopewell Furnace NHS	2	PA	Northeast	0.92	4.75	0.252	0.355	2.45	2.84	14.13	19.69	6.12	6.67
HOME	Homestead NM of America	2	NE	Midwest	2.70	0.64	0.257	0.210	0.43	4.13	9.11	8.15	6.21	3.07
HOSP	Hot Springs NP	2	AR	Midwest	1.53	2.53	0.567	0.255	1.50	2.69	9.80	12.22	5.07	4.79
HOVE	Hovenweep NM	2	CO	Intermountain	1.21	0.25	0.093	0.101	0.15	0.68	3.65	2.28	1.17	0.64
HUTR	Hubbel Trading Post NHS	2	AZ	Intermountain	1.02	0.28	0.092	0.095	0.17	0.74	3.57	2.24	1.52	0.75
INDU	Indiana Dunes NL	2	IN	Midwest	2.72	1.11	0.221	0.426	0.57	3.83	12.95	15.89	6.68	5.93
ISRO	Isle Royale NP	1	MI	Midwest	0.90	0.22	0.109	0.122	0.10	1.93	5.33	4.91	3.81	2.30
JECA	Jewel Cave NM	2	SD	Midwest	1.11	0.21	0.099	0.102	0.14	1.57	4.68	2.81	3.06	1.23
JELA	Jean Lafitte NPres	2	LA	Southeast	1.39	8.20	0.492	0.576	4.56	2.43	10.79	15.15	4.38	5.03
JODA	John Day Fossil Beds NM	2	OR	Pacific West	0.30	2.33	0.121	0.150	1.34	0.43	1.75	1.56	0.44	0.23
JOFL	Johnstown Flood NMem	2	PA	Northeast	1.09	1.42	0.258	0.173	0.51	3.12	15.39	22.67	6.39	7.97
JOMU	John Muir NHS	2	CA	Pacific West	0.33	3.02	0.154	0.314	1.50	1.77	2.58	1.69	2.28	0.62
JOTR	Joshua Tree NP	1	CA	Pacific West	0.31	0.61	0.142	0.054	0.32	0.76	1.99	1.23	0.51	0.20
KAHO	Kaloko-Honokohau NHP	2	HI	Pacific West	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
KALA	Kalaupapa NHP	2	HI	Pacific West	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
KATM	Katmai NP & Preserve	2	AK	Alaska	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
KEFJ	Kenai Fjords NP	2	AK	Alaska	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
KEMO	Kennesaw Mountain NBP	2	GA	Southeast	0.97	2.75	0.593	0.259	1.45	2.96	9.75	15.92	4.45	5.17
KIMO	Kings Mtn. NMP	2	SC	Southeast	0.87	2.49	0.469	0.221	1.22	3.03	10.65	18.42	4.50	5.67
KLGO	Klondike Gold Rush NHP	2	AK	Alaska	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
KNRI	Knife River Indian Villages NHS	2	ND	Midwest	0.98	0.19	0.107	0.142	0.14	2.25	4.39	3.07	2.68	1.01
KOVA	Kobuk Valley NP	2	AK	Alaska	0.00	0.00	0.000	0.000	0.00	0.00	0.00	0.00	NA	NA
LABE	Lava Beds NM	1	CA	Pacific West	0.18	1.27	0.064	0.091	0.70	0.38	1.31	0.90	0.42	0.16
LACL	Lake Clark NP & Preserve	2	AK	Alaska	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
LAME	Lake Mead NRA	2	NV	Pacific West	0.61	0.66	0.099	0.098	0.39	0.88	2.86	1.63	0.58	0.25
LAMR	Lake Meredith NRA	2	TX	Intermountain	1.67	0.42	0.176	0.114	0.26	2.63	5.09	4.36	3.83	1.66
LARO	Lake Roosevelt NRA	2	WA	Pacific West	0.43	3.10	0.164	0.200	1.73	0.63	2.96	2.48	0.81	0.37
LAVO	Lassen Volcanic NP	1	CA	Pacific West	0.24	0.82	0.057	0.069	0.43	0.53	2.11	1.25	1.94	0.85
LEWI	Lewis and Clark NHP	2	OR	Pacific West	0.47	8.68	0.279	0.512	4.74	0.46	2.54	3.31	1.96	1.66
LIBI	Little Bighorn NM	2	MT	Intermountain	0.56	0.14	0.067	0.068	0.10	0.86	2.43	1.67	1.56	0.70
LIBO	Lincoln Boyhood NMem	2	IN	Midwest	1.84	1.62	0.325	0.262	0.81	3.66	13.21	20.21	5.52	6.36
LIRI	Little River Canyon NPres	2	AL	Southeast	1.09	2.52	0.530	0.255	1.35	3.36	10.48	17.59	5.29	6.14
LYJO	Lyndon B. Johnson NHP	2	TX	Intermountain	1.69	3.11	0.296	0.261	1.81	1.88	5.99	7.99	3.02	2.85
MABI	Marsh-Billings_Rockefeller NHP	2	VT	Northeast	0.73	1.88	0.185	0.173	0.98	2.14	11.89	13.72	4.32	4.50
MACA	Mammoth Cave NP	1	KY	Southeast	1.42	1.66	0.310	0.229	0.82	3.11	12.24	18.49	5.14	5.28
MANA	Manassas NBP	2	VA	National Capital	0.86	3.11	0.255	0.244	1.54	2.94	12.23	18.99	4.00	5.05
MANZ	Manzanar NHS	2	CA	Pacific West	0.37	1.09	0.136	0.093	0.62	1.77	3.68	1.91	0.57	0.16
MEVE	Mesa Verde NP	1	CO	Intermountain	1.25	0.26	0.104	0.099	0.16	0.71	3.94	2.47	1.60	0.91
MIMA	Minute Man NHP	2	MA	Northeast	0.75	6.63	0.281	0.436	3.62	1.88	11.13	14.89	4.02	5.04
MISS	Mississippi NRA	2	MN	Midwest	2.46	0.47	0.227	0.323	0.27	4.58	10.13	8.35	5.58	2.69
MNRR	Missouri NRR	2	NE	Midwest	2.11	0.42	0.224	0.215	0.26	4.19	8.05	6.38	5.40	2.15
MOCA	Montezuma Castle NM	2	AZ	Intermountain	0.77	0.37	0.080	0.095	0.22	0.70	2.91	1.81	1.81	0.89
MOCR	Moores Creek NB	2	NC	Southeast	0.74	5.77	0.371	0.389	3.13	3.75	8.92	13.63	5.22	5.06
MOJA	Mojave NPres	2	CA	Pacific West	0.40	0.83	0.118	0.081	0.46	0.88	2.52	1.46	0.76	0.31
MONO	Monocacy NB	2	MD	National Capital	0.90	2.88	0.218	0.232	1.38	3.15	13.19	20.06	5.14	6.14

2001-2005 5-Year Average Wet Deposition Estimates

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					Ca	Cl	K	Mg	Na	NH ₄	NO ₃	SO ₄				
MORA	Mount Rainier NP	1	WA	Pacific West	0.36	4.16	0.218	0.239	2.19	0.42	2.93	2.81	2.66	2.27		
MORR	Morristown NHP	2	NJ	Northeast	0.90	3.95	0.272	0.310	2.02	2.66	14.67	18.99	5.78	6.81		
MORU	Mount Rushmore NMem	2	SD	Midwest	1.07	0.21	0.101	0.100	0.15	1.67	4.62	2.80	3.12	1.23		
MUWO	Muir Woods NM	2	CA	Pacific West	0.31	3.21	0.148	0.296	1.64	1.48	2.42	1.67	2.65	0.79		
NABR	Natural Bridges NM	2	UT	Intermountain	1.17	0.24	0.085	0.113	0.16	0.68	3.34	1.97	1.57	0.77		
NACE	Anacostia Park	2	DC	National Capital	0.85	4.04	0.248	0.295	2.03	2.94	12.65	19.44	4.79	5.97		
NAVA	Navajo NM	2	AZ	Intermountain	1.07	0.27	0.088	0.113	0.17	0.72	3.51	2.07	1.43	0.70		
NEPE	Nez Perce NHP	2	MT	Pacific West	0.43	0.44	0.110	0.061	0.36	0.71	2.19	1.53	1.44	0.64		
NERI	New River Gorge NR	2	WV	Northeast	1.43	1.38	0.612	0.213	0.50	2.90	14.09	21.51	4.65	6.11		
NIOB	Niobrara NSR	2	NE	Midwest	1.34	0.27	0.156	0.128	0.19	3.02	5.87	3.94	4.38	1.52		
NISI	Ninety Six NHS	2	SC	Southeast	0.90	3.37	0.468	0.280	1.76	2.56	10.07	16.43	3.58	4.61		
NOAT	Noatak NPres	2	AK	Alaska	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
NOCA	North Cascades NP	1	WA	Pacific West	0.49	4.89	0.191	0.284	2.68	0.51	5.01	3.97	2.12	1.64		
NPSA	The National Park of American Samoa	2	AS	Pacific West	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
OBRI	Obed Wild and Scenic River	2	TN	Southeast	1.24	2.23	0.355	0.323	0.88	2.65	11.78	20.80	5.15	7.21		
OCMU	Ocmulgee NM	2	GA	Southeast	0.88	3.68	0.573	0.296	2.03	2.55	8.73	13.19	3.63	4.02		
OLYM	Olympic NP	1	WA	Pacific West	0.95	24.60	0.597	1.438	13.48	0.40	2.90	6.50	1.73	2.98		
ORCA	Oregon Caves NM	2	OR	Pacific West	0.21	2.48	0.093	0.161	1.36	0.38	1.32	1.16	1.47	0.61		
ORPI	Organ Pipe Cactus NM	2	AZ	Intermountain	0.42	0.68	0.049	0.064	0.41	0.48	1.64	1.20	1.11	0.58		
OZAR	Ozark NSR	2	MO	Midwest	1.87	1.59	0.414	0.269	0.96	3.06	10.94	13.25	4.95	4.49		
PAAL	Palo Alto Battlefield NHS	2	TX	Intermountain	1.57	4.53	0.385	0.348	2.59	2.09	6.67	9.29	2.45	2.61		
PAIS	Padre Island NS	2	TX	Intermountain	1.50	4.86	0.392	0.366	2.79	2.10	6.39	9.06	2.58	2.93		
PECO	Pecos NHP	2	NM	Intermountain	0.95	0.22	0.083	0.067	0.14	0.94	3.65	2.40	1.99	0.99		
PEFO	Petrified Forest NP	1	AZ	Intermountain	0.89	0.30	0.090	0.085	0.18	0.74	3.32	2.17	1.54	0.74		
PERI	Pea Ridge NMP	2	AR	Midwest	1.92	1.29	0.268	0.194	0.81	3.09	8.69	9.66	5.35	3.85		
PETE	Petersburg NB	2	VA	Northeast	0.74	3.60	0.470	0.254	1.76	2.63	10.82	16.54	4.30	5.24		
PETR	Petroglyph NM	2	NM	Intermountain	0.99	0.24	0.086	0.071	0.15	0.87	3.65	2.46	1.24	0.65		
PINN	Pinnacles NM	1	CA	Pacific West	0.16	1.52	0.060	0.101	0.84	0.43	1.24	0.90	0.60	0.33		
PIPE	Pipestone NM	2	MN	Midwest	2.12	0.38	0.211	0.248	0.22	4.50	8.32	6.41	5.61	2.18		
PIRO	Pictured Rocks NL	2	MI	Midwest	1.48	0.45	0.175	0.210	0.21	3.13	10.98	10.08	4.81	3.29		
PISP	Pipe Spring NM	2	AZ	Intermountain	0.84	0.33	0.086	0.118	0.20	0.75	3.23	1.83	1.11	0.52		
PORE	Point Reyes NS	1	CA	Pacific West	0.31	3.55	0.149	0.298	1.85	1.29	2.33	1.70	2.11	0.71		
PRWI	Prince William Forest Park	2	VA	National Capital	0.85	3.53	0.274	0.267	1.78	2.88	12.07	18.73	3.98	5.12		
PUHO	Pu`uhonua o Honaunau NHP	2	HI	Pacific West	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
RABR	Rainbow Bridge NM	2	UT	Intermountain	1.01	0.27	0.088	0.116	0.17	0.71	3.38	1.95	0.83	0.40		
REDW	Redwood NP	1	CA	Pacific West	0.24	2.79	0.102	0.185	1.52	0.47	1.52	1.30	2.52	1.04		
RICH	Richmond NBP	2	VA	Northeast	0.78	4.15	0.415	0.295	2.10	2.70	11.04	16.92	4.29	5.23		
ROCR	Rock Creek Park	2	DC	National Capital	0.85	3.95	0.253	0.291	1.98	2.94	12.59	19.36	4.57	5.75		
ROMO	Rocky Mountain NP	1	CO	Intermountain	1.98	0.45	0.228	0.197	0.29	1.86	8.38	4.23	4.15	1.61		
RUCA	Russell Cave NM	2	AL	Southeast	1.12	2.37	0.478	0.256	1.23	3.16	10.82	17.89	5.42	6.46		
SAAN	San Antonio Missions NHP	2	TX	Intermountain	1.55	4.23	0.348	0.327	2.44	1.99	5.96	8.34	2.71	2.65		
SACN	Saint Croix NSR	2	MN	Midwest	2.19	0.42	0.192	0.283	0.23	4.23	9.64	7.87	5.34	2.59		
SAGA	Saint-Gaudens NHS	2	NH	Northeast	0.72	2.26	0.193	0.193	1.19	2.07	11.77	13.69	3.69	3.91		
SAGU	Saguaro NP	1	AZ	Intermountain	0.65	0.38	0.088	0.059	0.23	0.74	2.71	1.94	2.25	1.20		
SAHI	Sagamore Hill NHS	2	NY	Northeast	0.89	4.83	0.337	0.360	2.52	2.52	14.32	18.41	4.68	5.91		
SAIR	Saugus Iron Works NHS	2	MA	Northeast	0.78	8.37	0.319	0.543	4.59	1.83	10.86	14.79	3.88	4.99		
SAJH	San Juan Island NHP	2	WA	Pacific West	0.71	15.06	0.406	0.880	8.25	0.44	3.53	5.07	0.55	0.57		
SAMO	Santa Monica Mountains NRA	2	CA	Pacific West	0.32	1.92	0.109	0.135	1.10	1.06	3.21	1.80	1.71	0.65		

2001-2005 5-Year Average Wet Deposition Estimates

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					Ca	Cl	K	Mg	Na	NH ₄	NO ₃	SO ₄				
SAPU	Salinas Pueblo Missions NM	2	NM	Intermountain	1.28	0.29	0.097	0.089	0.19	1.02	3.75	2.93	1.94	1.12		
SARA	Saratoga NHP	2	NY	Northeast	0.92	1.49	0.238	0.182	0.74	2.48	13.69	15.83	4.18	4.42		
SCBL	Scotts Bluff NM	2	NE	Midwest	1.63	0.36	0.175	0.157	0.27	1.93	6.91	3.81	2.20	0.81		
SEKI	Sequoia / Kings Canyon NP	1	CA	Pacific West	0.37	1.07	0.142	0.089	0.61	1.92	3.87	1.99	2.24	0.62		
SHEN	Shenandoah NP	1	VA	Northeast	0.85	1.97	0.244	0.177	0.94	2.88	11.76	18.52	5.25	6.16		
SHIL	Shiloh NMP	2	TN	Southeast	1.34	2.54	0.395	0.260	1.47	2.84	11.10	14.35	5.15	5.19		
SITK	Sitka NHP	2	AK	Alaska	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
SLBE	Sleeping Bear Dunes NL	2	MI	Midwest	1.86	0.74	0.169	0.290	0.39	3.80	13.45	12.50	6.18	4.22		
STRI	Stones River NB	2	TN	Southeast	1.28	2.08	0.374	0.249	1.06	2.98	11.55	17.62	5.14	5.87		
SUCR	Sunset Crater NM	2	AZ	Intermountain	0.88	0.34	0.077	0.116	0.20	0.74	3.28	1.93	1.69	0.81		
TAPR	Tallgrass Prairie NPres	2	KS	Midwest	3.13	0.85	0.253	0.229	0.57	3.85	10.20	9.63	5.70	3.35		
THRO	Theodore Roosevelt NP	1	ND	Midwest	0.99	0.16	0.088	0.147	0.17	1.66	3.63	2.65	2.16	0.90		
THST	Thomas Stone NHS	2	MD	Northeast	0.84	4.33	0.289	0.314	2.21	2.83	12.11	18.72	4.18	5.43		
TICA	Timpanogos Cave NM	2	UT	Intermountain	1.11	0.55	0.079	0.108	0.41	1.09	2.59	1.63	2.81	1.14		
TIMU	Timucuan Ecological and Historical Prese	2	FL	Southeast	1.11	7.06	0.353	0.488	3.96	1.58	9.40	12.94	3.19	4.18		
TONT	Tonto NM	2	AZ	Intermountain	0.62	0.36	0.079	0.064	0.21	0.67	2.58	1.78	2.22	1.14		
TUMA	Tumacacori NM	2	AZ	Intermountain	0.65	0.47	0.083	0.065	0.28	0.71	2.59	1.86	2.15	1.15		
TUZI	Tuzigoot NM	2	AZ	Intermountain	0.79	0.37	0.079	0.101	0.22	0.71	2.97	1.81	1.98	0.97		
UPDE	Upper Delaware Scenic and Recreational R	2	DE	Northeast	0.89	2.21	0.243	0.205	1.07	2.76	15.10	18.92	4.80	5.41		
VAFO	Valley Forge NHP	2	PA	Northeast	0.91	5.86	0.264	0.421	3.07	2.75	13.90	19.33	5.65	6.41		
VAMA	Vanderbilt Mansion NHS	2	NY	Northeast	0.88	2.88	0.285	0.242	1.44	2.66	14.92	18.82	4.98	5.83		
VICK	Vicksburg NC	2	MS	Southeast	1.30	4.67	0.501	0.389	2.70	2.72	10.38	14.14	4.37	4.48		
VIIS	Virgin Islands NP	1	VI	Southeast	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
VOYA	Voyageurs NP	1	MN	Midwest	1.23	0.28	0.136	0.176	0.14	2.73	7.24	5.31	3.49	1.63		
WABA	Washita Battlefield NHS	2	OK	Intermountain	2.10	0.82	0.278	0.158	0.51	2.86	6.97	6.57	3.99	2.11		
WACA	Walnut Canyon NM	2	AZ	Intermountain	0.87	0.34	0.079	0.111	0.20	0.73	3.21	1.92	2.37	1.15		
WAPA	War in the Pacific NHP	2	GU	Pacific West	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
WEFA	Weir Farm NHS	2	CT	Northeast	0.89	4.19	0.342	0.322	2.16	2.51	14.51	18.42	5.11	6.39		
WHIS	Whiskeytown NRA	2	CA	Pacific West	0.23	1.65	0.076	0.121	0.89	0.54	1.83	1.23	2.13	0.86		
WHMI	Whitman Mission NHS	2	WA	Pacific West	0.29	1.10	0.105	0.083	0.66	0.54	2.00	1.48	0.65	0.32		
WHSА	White Sands NM	2	NM	Intermountain	1.49	0.30	0.085	0.099	0.21	1.04	3.61	3.17	1.13	0.73		
WICA	Wind Cave NP	1	SD	Midwest	1.13	0.22	0.108	0.105	0.16	1.70	4.86	2.91	2.74	1.09		
WICR	Wilson's Creek NB	2	MO	Midwest	2.17	1.35	0.348	0.234	0.85	3.16	9.74	10.92	5.18	3.98		
WOTR	Wolf Trap Farm Park	2	VA	National Capital	0.86	3.56	0.253	0.270	1.78	2.96	12.54	19.30	4.43	5.58		
WRST	Wrangell-St Elias NP & Pres	2	AK	Alaska	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
WUPA	Wupatki NM	2	AZ	Intermountain	0.90	0.34	0.077	0.120	0.20	0.74	3.34	1.95	1.06	0.51		
YELL	Yellowstone NP	1	WY	Intermountain	0.67	0.26	0.153	0.068	0.19	0.74	2.09	1.27	2.20	0.90		
YOSE	Yosemite NP	1	CA	Pacific West	0.36	1.36	0.109	0.108	0.77	1.42	3.49	1.87	2.64	0.85		
YUCH	Yukon-Charley Rivers NPres	2	AK	Alaska	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
YUHO	Yucca House NM	2	CO	Intermountain	1.23	0.25	0.096	0.097	0.15	0.69	3.75	2.38	1.31	0.74		
ZION	Zion NP	1	UT	Intermountain	0.83	0.32	0.092	0.112	0.20	0.76	3.16	1.79	1.74	0.80		