



### 2004-2008 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).

ALPHA	PARK NAME	CLASS	STATE	REGION	kg/ha									
					Ca	Cl	K	Mg	Na	NH <sub>4</sub>	NO <sub>3</sub>	SO <sub>4</sub>	Total-N**	Total-S**
ABLI	Abraham Lincoln NHS	2	KY	Southeast	1.50	1.57	0.296	0.221	0.84	3.14	10.69	16.76	5.25	6.10
ACAD	Acadia NP	1	ME	Northeast	0.82	12.82	0.353	0.837	7.12	1.64	8.07	12.85	2.89	4.01
AGFO	Agate Fossil Beds NM	2	NE	Midwest	1.47	0.29	0.156	0.135	0.22	1.92	5.22	3.27	2.21	0.82
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	1.45	0.42	0.156	0.105	0.27	2.54	4.30	3.83	3.45	1.44
ALPO	Allegheny Portage Railroad NHS	2	PA	Northeast	1.11	1.38	0.258	0.180	0.57	2.88	12.48	19.70	5.59	7.29
AMIS	Amistad NRA	2	TX	Intermountain	1.74	1.35	0.165	0.153	0.84	1.38	4.09	5.16	1.88	1.59
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	1.07	2.03	0.306	0.215	0.95	3.04	11.07	18.10	4.32	5.37
APCO	Appomattox Court House NHP	2	VA	Northeast	0.81	2.44	0.278	0.208	1.25	2.38	9.30	14.99	4.21	5.23
APIS	Apostle Islands NL	2	WI	Midwest	1.32	0.35	0.153	0.183	0.19	2.99	7.29	6.66	4.66	2.61
ARCH	Arches NP	1	UT	Intermountain	1.48	0.21	0.072	0.141	0.17	0.68	2.85	1.71	1.09	0.52
ARPO	Arkansas Post NMem	2	AR	Midwest	1.52	3.33	0.622	0.327	1.97	2.90	9.30	12.26	4.39	4.10
ASIS	Assateague Island NS	2	MD	Northeast	0.93	13.51	0.511	0.903	7.37	2.61	9.52	15.72	4.39	5.49
AZRU	Aztec Ruins NM	2	NM	Intermountain	1.47	0.31	0.116	0.126	0.21	0.84	4.47	2.76	1.01	0.54
BADL	Badlands NP	1	SD	Midwest	1.29	0.23	0.154	0.116	0.17	2.22	4.57	2.95	2.88	1.02
BAND	Bandelier NM	1	NM	Intermountain	0.95	0.23	0.086	0.072	0.14	0.89	3.60	2.25	1.50	0.73
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	1.06	0.23	0.200	0.107	0.16	1.76	3.53	2.32	1.99	0.71
BIBE	Big Bend NP	1	TX	Intermountain	1.16	0.37	0.075	0.063	0.26	0.88	2.36	2.96	1.22	0.99
BICA	Bighorn Canyon NRA	2	MT	Intermountain	0.74	0.21	0.105	0.085	0.16	0.86	2.54	1.79	0.86	0.42
BICY	Big Cypress NPres	2	FL	Southeast	1.68	12.94	0.798	0.894	7.20	1.78	8.37	10.85	3.06	3.40
BIHO	Big Hole NB	2	MT	Pacific West	0.57	0.27	0.114	0.065	0.21	0.77	2.09	1.35	1.40	0.55
BISC	Biscayne NP	2	FL	Southeast	1.78	13.89	0.915	0.957	7.74	1.91	8.43	10.99	3.18	3.44
BISO	Big South Fork NR and NRA	2	TN	Southeast	1.38	1.73	0.317	0.263	0.84	2.70	10.15	17.10	4.96	6.45
BITH	Big Thicket NPres	2	TX	Intermountain	1.55	4.93	0.502	0.401	2.83	2.37	7.88	11.40	4.76	4.96
BLCA	Black Canyon of the Gunnison NP	1	IM	Intermountain	1.39	0.32	0.138	0.127	0.24	0.80	4.08	2.40	1.24	0.62
BLUE	Bluestone NSR	2	WV	Northeast	1.22	1.31	0.732	0.212	0.59	2.44	9.90	16.63	3.41	4.53
BOHA	Boston Harbor Islands NRA	2	MA	Northeast	0.87	7.18	0.283	0.492	3.96	2.10	10.89	15.66	3.97	5.10
BOWA	Booker T. Washington NM	2	VA	Northeast	0.98	2.06	0.552	0.220	1.03	2.60	9.29	15.37	4.14	5.06
BRCA	Bryce Canyon NP	1	UT	Intermountain	0.82	0.35	0.129	0.114	0.23	0.69	2.63	1.41	1.15	0.46
BUFF	Buffalo NR	2	AR	Midwest	1.75	1.61	0.397	0.222	0.99	2.89	8.33	9.95	4.50	3.60
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	0.38	1.60	0.166	0.119	0.89	0.94	2.60	1.64	0.85	0.34
CACH	Canyon de Chelly NM	2	AZ	Intermountain	1.27	0.28	0.096	0.112	0.18	0.77	3.60	2.26	1.19	0.62

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ALPHA	PARK NAME	CLASS	STATE	REGION	kg/ha										Total-N**	Total-S**
					Ca	Cl	K	Mg	Na	NH <sub>4</sub>	NO <sub>3</sub>	SO <sub>4</sub>				
CACO	Cape Cod NS	2	MA	Northeast	0.88	8.64	0.317	0.596	4.80	2.06	10.62	15.04	3.35	4.20		
CAGR	Casa Grande NM	2	AZ	Intermountain	0.67	0.51	0.080	0.076	0.30	0.78	2.65	1.79	1.06	0.52		
CAHA	Cape Hatteras NS	2	NC	Southeast	0.99	11.63	0.414	0.776	6.41	2.54	8.43	13.78	4.60	5.48		
CAKR	Cape Krusenstern NM	2	AK	Alaska	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
CALO	Cape Lookout NS	2	CA	Southeast	1.14	16.65	0.465	1.087	9.24	2.11	7.88	13.05	3.88	4.87		
CANA	Canaveral NS	2	FL	Southeast	1.50	19.09	0.590	1.273	10.59	1.18	8.20	11.67	2.90	4.01		
CANY	Canyonlands NP	1	UT	Intermountain	1.29	0.22	0.072	0.135	0.16	0.66	2.87	1.64	0.87	0.40		
CARE	Capitol Reef NP	1	UT	Intermountain	1.21	0.29	0.098	0.129	0.21	0.71	2.78	1.62	0.84	0.38		
CARL	Carl Sandburg Home NHS	2	NC	Southeast	1.15	2.39	0.411	0.253	1.25	2.63	9.53	16.06	4.91	6.23		
CASA	Castillo San Marcos NM	2	FL	Southeast	1.15	9.44	0.370	0.641	5.22	1.16	7.57	10.67	2.58	3.49		
CATO	Catoctin Mountain Park	2	MD	National Capital	1.07	2.08	0.297	0.218	0.97	3.21	11.35	18.45	5.28	6.43		
CAVE	Carlsbad Caverns NP	1	NM	Intermountain	1.76	0.49	0.112	0.142	0.32	1.50	4.13	4.28	1.65	1.10		
CAVO	Capulin Mountain Volcano NM	2	NM	Intermountain	1.07	0.27	0.125	0.082	0.16	1.60	4.03	2.75	2.46	1.04		
CEBR	Cedar Breaks NM	2	UT	Intermountain	0.85	0.37	0.123	0.116	0.24	0.71	2.63	1.44	3.01	1.22		
CHAT	Chattahoochee River NRA	2	GA	Southeast	0.94	2.45	0.495	0.242	1.32	2.57	7.75	13.51	4.43	5.28		
CHCH	Chickamauga and Chattanooga NMP	2	TN	Southeast	1.20	2.14	0.477	0.258	1.13	2.92	9.19	16.25	4.76	5.86		
CHCU	Chaco Culture NHP	2	NM	Intermountain	1.31	0.29	0.109	0.109	0.20	0.86	4.05	2.55	0.90	0.47		
CHIC	Chickasaw NRA	2	OK	Intermountain	2.16	1.87	0.383	0.229	1.14	2.76	7.66	8.81	4.76	3.47		
CHIR	Chiricahua NM	1	AZ	Intermountain	0.77	0.40	0.109	0.069	0.24	1.12	3.66	2.31	2.74	1.27		
CHIS	Channel Islands NP	2	CA	Pacific West	0.32	2.08	0.135	0.150	1.17	0.88	2.49	1.59	1.19	0.47		
CHOH	Chesapeake and Ohio Canal NHP	2	MD	National Capital	1.05	1.56	0.238	0.175	0.72	2.60	10.51	17.57	3.75	4.98		
CIRO	City of Rocks NR	2	ID	Pacific West	1.01	0.63	0.094	0.109	0.52	1.31	2.43	1.61	1.67	0.58		
COLM	Colorado NM	2	CO	Intermountain	1.50	0.29	0.119	0.138	0.22	0.78	3.71	2.19	0.81	0.40		
COLO	Colonial NHP	2	VA	Northeast	0.94	8.17	0.357	0.568	4.42	2.48	9.76	16.08	4.38	5.61		
CORO	Coronado NMem	2	AZ	Intermountain	0.76	0.43	0.099	0.072	0.26	1.01	3.30	2.18	1.89	0.91		
COSW	Congaree Swamp NM	2	SC	Southeast	0.98	6.73	0.431	0.488	3.68	1.95	7.76	13.52	3.53	4.82		
COWP	Cowpens NB	2	SC	Southeast	1.07	3.34	0.466	0.304	1.76	2.71	9.08	15.40	4.59	5.69		
CRLA	Crater Lake NP	1	OR	Pacific West	0.26	2.28	0.103	0.141	1.25	0.34	1.36	1.39	1.14	0.67		
CRMO	Craters of the Moon NM	1	ID	Pacific West	0.55	0.27	0.065	0.056	0.24	0.90	1.86	1.17	1.13	0.37		
CUGA	Cumberland Gap NHP	2	KY	Southeast	1.30	1.40	0.284	0.200	0.70	2.51	9.82	15.58	4.95	6.16		
CUIS	Cumberland Island NS	2	GA	Southeast	0.99	10.21	0.391	0.679	5.58	1.17	7.10	10.34	2.71	3.74		
CURE	Curecanti NRA	2	CO	Intermountain	1.38	0.33	0.141	0.124	0.25	0.84	4.32	2.56	1.48	0.75		
CUVA	Cuyahoga Valley NP	2	OH	Midwest	1.63	1.16	0.244	0.266	0.48	3.70	13.15	20.02	5.52	6.31		
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	0.17	0.90	0.078	0.081	0.51	0.57	1.18	0.78	1.73	0.53		
DETO	Devils Tower NM	2	WY	Intermountain	1.18	0.23	0.129	0.113	0.16	1.56	4.03	2.69	2.31	0.96		
DEVA	Death Valley NP	2	NV	Pacific West	0.38	1.30	0.123	0.116	0.73	0.77	2.07	1.31	0.49	0.18		
DEWA	Delaware Water Gap NRA	2	PA	Northeast	1.04	3.85	0.345	0.326	1.99	2.88	13.89	18.91	4.70	5.47		
DINO	Dinosaur NM	2	CO	Intermountain	1.41	0.32	0.111	0.136	0.26	0.90	4.00	2.45	1.20	0.58		
DRTO	Dry Tortugas NP	2	FL	Southeast	1.47	11.16	0.581	0.774	6.21	1.56	8.23	10.94	2.52	2.99		
EBLA	Ebey's Landing NHR	2	WA	Pacific West	0.73	13.69	0.386	0.820	7.48	0.47	2.82	4.68	0.43	0.44		
EFMO	Effigy Mounds NM	2	IA	Midwest	3.23	0.61	0.391	0.444	0.36	4.90	10.41	10.29	5.86	3.30		
EISE	Eisenhower NHS	2	PA	Northeast	1.07	2.11	0.284	0.218	0.97	3.41	11.61	18.78	5.23	6.25		
ELMA	El Malpais NM	2	NM	Intermountain	1.12	0.29	0.093	0.090	0.18	0.90	3.55	2.40	1.36	0.71		
ELMO	El Morro NM	2	NM	Intermountain	1.13	0.28	0.091	0.091	0.17	0.86	3.45	2.30	1.75	0.91		
EVER	Everglades NP	1	FL	Southeast	1.79	13.83	0.932	0.954	7.71	1.94	8.47	10.98	3.10	3.33		
FIIS	Fire Island NS	2	NY	Northeast	1.22	21.60	0.609	1.470	12.13	2.24	11.28	17.60	4.02	5.59		
FLFO	Florissant Fossil Beds NM	2	CO	Intermountain	1.07	0.25	0.155	0.104	0.16	1.17	4.70	2.64	1.88	0.82		

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FOBO	Fort Bowie NHS	2	AZ	Intermountain	0.75	0.39	0.106	0.068	0.23	1.09	3.56	2.26	2.44	1.14
FOBU	Fossil Butte NM	2	WY	Intermountain	1.12	0.56	0.091	0.117	0.43	1.13	2.75	1.77	1.64	0.67
FOCA	Fort Caroline NMem	2	FL	Southeast	1.06	8.41	0.349	0.572	4.64	1.18	7.53	10.64	2.74	3.70
FODA	Fort Davis NHS	2	TX	Intermountain	1.50	0.58	0.113	0.113	0.38	1.31	3.54	3.86	1.45	1.03
FODO	Fort Donelson NC	2	TN	Southeast	1.45	2.04	0.296	0.240	1.16	2.87	10.19	14.58	5.14	5.46
FOFR	Fort Frederica NM	2	GA	Southeast	0.95	11.68	0.422	0.765	6.37	1.13	6.59	9.88	2.67	3.73
FOLA	Fort Laramie NHS	2	WY	Intermountain	1.53	0.33	0.155	0.148	0.27	1.74	5.59	3.47	1.85	0.70
FOLS	Fort Larned NHS	2	KS	Midwest	2.12	0.74	0.221	0.172	0.49	3.62	6.93	6.13	4.22	1.90
FOMA	Fort Matanzas NM	2	FL	Southeast	1.20	10.35	0.392	0.701	5.72	1.17	7.66	10.79	2.65	3.61
FONE	Fort Necessity NB	2	PA	Northeast	1.18	1.26	0.230	0.168	0.54	2.53	11.19	19.02	4.83	6.78
FOPO	Fort Point NHS	2	MD	Pacific West	0.23	2.17	0.178	0.214	1.18	1.33	1.84	1.36	2.47	0.70
FOPU	Fort Pulaski NM	2	GA	Southeast	0.97	11.95	0.441	0.790	6.52	1.34	6.67	10.85	3.05	4.32
FOSC	Fort Scott NHS	2	KS	Midwest	3.01	1.36	0.284	0.255	0.90	3.82	10.39	11.17	5.44	3.74
FOSU	Fort Sumter NM	2	SC	Southeast	1.05	13.71	0.436	0.911	7.52	1.46	7.13	12.86	2.85	4.38
FOUN	Fort Union NM	2	NM	Intermountain	1.10	0.27	0.113	0.085	0.18	1.22	3.85	2.64	2.04	0.95
FOUS	Fort Union Trading Post NHS	2	MT	Midwest	0.71	0.15	0.087	0.104	0.12	1.37	2.76	2.16	1.93	0.83
FOVA	Fort Vancouver NHS	2	WA	Pacific West	0.52	6.03	0.269	0.363	3.31	1.09	3.61	3.51	1.18	0.83
FRED	Fredericksburg NC	2	VA	Northeast	0.93	3.89	0.294	0.308	2.01	2.62	10.02	16.35	4.16	5.30
FRHI	Friendship Hill NHS	2	PA	Northeast	1.29	1.31	0.257	0.187	0.54	2.72	11.89	20.20	4.37	6.09
FRSP	Fredericksburg & Spotsylvania NMP	2	VA	Northeast	0.91	3.41	0.276	0.277	1.76	2.63	9.93	16.14	4.12	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	1.25	1.35	0.448	0.195	0.58	2.52	11.03	18.38	4.56	6.22
GATE	Gateway NRA	2	NY	Northeast	1.08	9.97	0.421	0.714	5.47	2.76	12.75	18.48	4.60	5.59
GETT	Gettysburg NMP	2	PA	Northeast	1.07	2.07	0.277	0.215	0.95	3.48	11.75	18.95	5.23	6.25
GEWA	George Washington Birthplace NM	2	VA	Northeast	0.94	6.09	0.333	0.444	3.22	2.59	10.01	16.50	4.23	5.46
GICL	Gila Cliff Dwellings NM	2	NM	Intermountain	0.93	0.35	0.092	0.079	0.21	0.96	3.30	2.38	1.94	1.00
GLAC	Glacier NP	1	MT	Intermountain	0.49	0.29	0.130	0.062	0.19	0.80	2.86	1.90	3.08	1.52
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	1.12	0.30	0.104	0.125	0.21	0.70	2.88	1.66	0.81	0.36
GOGA	Golden Gate NRA	2	CA	Pacific West	0.24	2.43	0.176	0.222	1.32	1.25	1.84	1.42	2.60	0.80
GOSP	Golden Spike NHS	2	UT	Intermountain	1.57	1.23	0.127	0.177	0.99	2.15	3.20	2.20	2.31	0.73
GRBA	Great Basin NP	2	NV	Pacific West	0.96	0.43	0.089	0.110	0.32	0.87	2.36	1.43	1.74	0.67
GRCA	Grand Canyon NP	1	AZ	Intermountain	0.82	0.37	0.076	0.127	0.23	0.73	2.81	1.65	0.92	0.41
GRKO	Grant-Kohrs Ranch NHS	2	MT	Intermountain	0.58	0.22	0.103	0.064	0.15	0.63	2.11	1.34	0.68	0.30
GRPO	Grand Portage NM	2	MN	Midwest	1.19	0.34	0.158	0.166	0.18	2.85	7.38	6.86	3.86	2.28
GRSA	Great Sand Dunes NP & Pres	1	CO	Intermountain	0.93	0.23	0.112	0.079	0.20	0.88	3.30	2.08	1.05	0.48
GRSM	Great Smoky Mountains NP	1	TN	Southeast	1.31	1.76	0.382	0.244	0.89	2.63	10.21	17.02	6.28	8.17
GRTE	Grand Teton NP	1	WY	Intermountain	0.83	0.31	0.115	0.088	0.26	0.82	2.47	1.60	2.16	0.96
GUCO	Guilford Courthouse NMP	2	NC	Southeast	0.86	3.21	0.527	0.270	1.68	3.13	8.62	14.29	4.53	4.99
GUIS	Gulf Islands NS	2	MS	Southeast	1.40	10.44	0.583	0.740	5.87	2.35	9.30	14.52	4.35	5.24
GUMO	Guadalupe Mountains NP	1	TX	Intermountain	1.81	0.51	0.113	0.149	0.34	1.52	4.18	4.40	1.98	1.33
GWCA	George Washington Carver NM	2	MO	Midwest	2.52	1.46	0.303	0.239	0.94	3.53	9.50	10.60	5.13	3.64
GWMP	George Washington Mem PKWY	2	MD	National Capital	0.97	3.10	0.311	0.272	1.53	2.73	10.53	17.20	4.64	5.91
HAFE	Harpers Ferry NHP	2	WV	National Capital	1.05	2.17	0.309	0.222	1.03	2.94	10.80	17.70	4.23	5.26
HAFO	Hagerman Fossil Beds NM	2	ID	Pacific West	0.56	0.32	0.074	0.061	0.29	0.90	1.81	1.19	0.92	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	2.75	0.79	0.294	0.337	0.48	4.36	10.01	11.13	6.05	3.91

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					Ca	Cl	K	Mg	Na	NH <sub>4</sub>	NO <sub>3</sub>	SO <sub>4</sub>			
HOBE	Horseshoe Bend NMP	2	AL	Southeast	0.95	3.53	0.489	0.300	1.98	2.37	7.42	12.45	4.32	5.09	
HOCU	Hopewell Culture NHP	2	OH	Midwest	1.55	1.29	0.255	0.238	0.55	3.15	12.33	19.78	4.93	6.03	
HOFR	Home of Franklin D. Roosevelt NHS	2	NY	Northeast	1.00	4.95	0.335	0.388	2.63	2.75	13.88	18.83	4.22	5.00	
HOFU	Hopewell Furnace NHS	2	PA	Northeast	1.04	4.30	0.288	0.350	2.20	3.72	12.64	19.33	5.83	6.52	
HOME	Homestead NM of America	2	NE	Midwest	2.92	0.75	0.236	0.237	0.51	4.61	8.98	8.49	5.54	2.70	
HOSP	Hot Springs NP	2	AR	Midwest	1.70	2.69	0.694	0.304	1.63	2.48	8.80	11.38	4.62	4.47	
HOVE	Hovenweep NM	2	CO	Intermountain	1.37	0.27	0.095	0.124	0.18	0.73	3.84	2.33	1.15	0.60	
HUTR	Hubbel Trading Post NHS	2	AZ	Intermountain	1.19	0.26	0.087	0.099	0.17	0.78	3.21	2.11	1.39	0.73	
INDU	Indiana Dunes NL	2	IN	Midwest	3.23	1.26	0.247	0.501	0.65	4.24	12.96	17.51	6.13	5.71	
ISRO	Isle Royale NP	1	MI	Midwest	1.24	0.39	0.159	0.178	0.21	2.84	7.49	6.82	3.82	2.21	
JECA	Jewel Cave NM	2	SD	Midwest	1.39	0.23	0.144	0.120	0.15	1.79	4.39	2.86	3.30	1.30	
JELA	Jean Lafitte NPres	2	LA	Southeast	1.36	7.77	0.597	0.577	4.38	2.43	9.06	13.09	4.40	4.82	
JODA	John Day Fossil Beds NM	2	OR	Pacific West	0.31	2.45	0.139	0.155	1.36	0.49	1.83	1.72	0.39	0.22	
JOFL	Johnstown Flood NMem	2	PA	Northeast	1.12	1.34	0.249	0.175	0.56	2.80	12.18	19.47	5.08	6.74	
JOMU	John Muir NHS	2	CA	Pacific West	0.23	2.07	0.200	0.231	1.12	1.62	1.99	1.40	2.35	0.60	
JOTR	Joshua Tree NP	1	CA	Pacific West	0.33	0.76	0.215	0.058	0.39	0.84	2.06	1.35	0.38	0.14	
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	0.94	2.41	0.521	0.240	1.31	2.65	7.65	13.47	4.40	5.20	
KIMO	Kings Mtn. NMP	2	SC	Southeast	1.00	3.76	0.510	0.321	1.98	2.85	8.81	15.02	4.62	5.54	
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	0.20	0.127	0.143	0.13	2.33	4.08	2.98	2.71	0.99	
KOVA	Kobuk Valley NP	2	AK	Alaska	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
LABE	Lava Beds NM	1	CA	Pacific West	0.19	0.91	0.065	0.068	0.50	0.35	1.16	0.85	0.52	0.23	
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	0.66	0.74	0.115	0.105	0.42	0.74	2.46	1.51	0.46	0.20	
LAMR	Lake Meredith NRA	2	TX	Intermountain	1.45	0.42	0.156	0.105	0.27	2.54	4.30	3.83	3.45	1.44	
LARO	Lake Roosevelt NRA	2	WA	Pacific West	0.42	1.90	0.189	0.142	1.03	0.84	2.73	1.96	0.74	0.33	
LAVO	Lassen Volcanic NP	1	CA	Pacific West	0.23	0.71	0.064	0.057	0.39	0.47	1.66	1.12	1.81	0.79	
LEWI	Lewis and Clark NHP	2	OR	Pacific West	0.52	7.19	0.264	0.429	3.90	0.68	2.88	3.33	1.76	1.54	
LIBI	Little Bighorn NM	2	MT	Intermountain	0.63	0.16	0.083	0.080	0.11	0.86	2.42	1.80	1.33	0.66	
LIBO	Lincoln Boyhood NMem	2	IN	Midwest	2.07	1.80	0.321	0.294	0.96	3.77	12.08	19.56	5.32	6.02	
LIRI	Little River Canyon NPres	2	AL	Southeast	1.10	2.39	0.633	0.252	1.32	3.31	8.45	15.89	5.57	6.54	
LYJO	Lyndon B. Johnson NHP	2	TX	Intermountain	1.75	3.29	0.309	0.285	1.93	1.88	5.49	7.32	3.05	2.67	
MABI	Marsh-Billings_Rockefeller NHP	2	VT	Northeast	0.83	1.95	0.214	0.191	1.02	2.29	11.16	14.12	3.78	4.13	
MACA	Mammoth Cave NP	1	KY	Southeast	1.43	1.58	0.294	0.215	0.87	3.06	10.59	16.06	5.12	5.77	
MANA	Manassas NBP	2	VA	National Capital	0.96	2.92	0.293	0.256	1.46	2.73	10.29	16.85	4.01	5.07	
MANZ	Manzanar NHS	2	CA	Pacific West	0.26	1.28	0.106	0.107	0.72	0.69	1.70	1.11	0.40	0.14	
MEVE	Mesa Verde NP	1	CO	Intermountain	1.42	0.29	0.102	0.123	0.19	0.76	4.20	2.57	1.78	0.97	
MIMA	Minute Man NHP	2	MA	Northeast	0.86	6.64	0.275	0.459	3.65	2.13	11.09	15.72	3.75	4.73	
MISS	Mississippi NRA	2	MN	Midwest	2.11	0.44	0.219	0.297	0.25	4.08	8.24	7.27	5.27	2.52	
MNRR	Missouri NRR	2	NE	Midwest	2.13	0.47	0.224	0.223	0.28	4.51	7.52	6.47	4.97	1.97	
MOCA	Montezuma Castle NM	2	AZ	Intermountain	0.88	0.39	0.083	0.100	0.23	0.76	2.81	1.80	1.53	0.74	
MOCR	Moores Creek NB	2	NC	Southeast	0.96	9.63	0.423	0.647	5.31	3.38	7.89	13.32	5.14	5.06	
MOJA	Mojave NPres	2	CA	Pacific West	0.45	1.00	0.162	0.092	0.55	0.82	2.31	1.46	0.66	0.27	
MONO	Monocacy NB	2	MD	National Capital	1.04	2.40	0.316	0.237	1.15	2.97	10.89	17.79	4.78	5.91	

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MORA	Mount Rainier NP	1	WA	Pacific West	0.46	4.62	0.219	0.268	2.42	0.48	2.97	2.84	3.40	2.84
MORR	Morristown NHP	2	NJ	Northeast	1.06	5.78	0.353	0.449	3.08	2.95	13.69	19.26	5.47	6.51
MORU	Mount Rushmore NMem	2	SD	Midwest	1.40	0.23	0.147	0.121	0.15	1.90	4.44	2.89	3.35	1.28
MUWO	Muir Woods NM	2	CA	Pacific West	0.24	2.37	0.182	0.225	1.29	1.33	1.88	1.42	2.44	0.72
NABR	Natural Bridges NM	2	UT	Intermountain	1.30	0.26	0.089	0.129	0.18	0.70	3.22	1.91	1.34	0.64
NACE	Anacostia Park	2	DC	National Capital	0.95	3.49	0.310	0.293	1.74	2.75	10.55	17.26	4.73	5.98
NAVA	Navajo NM	2	AZ	Intermountain	1.17	0.29	0.094	0.121	0.19	0.73	3.21	1.94	1.27	0.61
NEPE	Nez Perce NHP	2	MT	Pacific West	0.34	0.67	0.141	0.072	0.39	0.70	1.98	1.37	1.71	0.68
NERI	New River Gorge NR	2	WV	Northeast	1.25	1.34	0.584	0.205	0.59	2.50	10.46	17.46	4.28	5.76
NIOB	Niobrara NSR	2	NE	Midwest	1.45	0.31	0.179	0.141	0.20	3.30	5.55	4.01	4.18	1.41
NISI	Ninety Six NHS	2	SC	Southeast	1.04	5.43	0.430	0.423	2.94	2.30	8.37	14.46	3.66	4.75
NOAT	Noatak NPres	2	AK	Alaska	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NOCA	North Cascades NP	1	WA	Pacific West	0.56	7.95	0.281	0.481	4.32	0.58	2.75	3.40	2.73	2.05
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	1.40	1.96	0.348	0.316	0.91	2.63	10.16	18.00	5.26	7.13
OCMU	Ocmulgee NM	2	GA	Southeast	0.81	3.82	0.457	0.302	2.10	2.10	6.76	10.98	3.29	3.77
OLYM	Olympic NP	1	WA	Pacific West	0.99	22.13	0.541	1.327	12.15	0.37	2.79	6.46	1.66	3.26
ORCA	Oregon Caves NM	2	OR	Pacific West	0.21	1.53	0.083	0.104	0.84	0.37	1.25	1.04	1.87	0.88
ORPI	Organ Pipe Cactus NM	2	AZ	Intermountain	0.46	0.86	0.058	0.078	0.50	0.63	1.98	1.32	1.03	0.48
OZAR	Ozark NSR	2	MO	Midwest	1.90	1.80	0.549	0.298	1.10	3.13	9.87	12.74	4.57	4.08
PAAL	Palo Alto Battlefield NHS	2	TX	Intermountain	1.60	4.55	0.399	0.365	2.63	2.02	5.94	8.30	2.43	2.26
PAIS	Padre Island NS	2	TX	Intermountain	1.59	4.99	0.417	0.390	2.87	2.05	5.78	8.17	2.51	2.34
PECO	Pecos NHP	2	NM	Intermountain	1.01	0.25	0.094	0.076	0.15	1.01	3.66	2.42	1.73	0.84
PEFO	Petrified Forest NP	1	AZ	Intermountain	1.20	0.23	0.077	0.084	0.14	0.78	2.87	2.02	1.42	0.75
PERI	Pea Ridge NMP	2	AR	Midwest	1.99	1.51	0.292	0.212	0.94	3.25	8.46	9.83	4.99	3.62
PETE	Petersburg NB	2	VA	Northeast	0.80	4.37	0.275	0.323	2.33	2.43	9.09	14.72	4.19	5.09
PETR	Petroglyph NM	2	NM	Intermountain	1.06	0.27	0.093	0.081	0.17	0.95	3.70	2.47	0.92	0.46
PINN	Pinnacles NM	1	CA	Pacific West	0.14	1.44	0.058	0.095	0.80	0.25	0.84	0.71	0.57	0.34
PIPE	Pipestone NM	2	MN	Midwest	1.92	0.43	0.230	0.235	0.21	4.61	7.27	6.10	5.08	1.97
PIRO	Pictured Rocks NL	2	MI	Midwest	1.24	0.42	0.158	0.184	0.20	2.73	8.68	7.98	4.35	2.82
PISP	Pipe Spring NM	2	AZ	Intermountain	0.85	0.38	0.101	0.121	0.24	0.72	2.74	1.56	0.95	0.40
PORE	Point Reyes NS	1	CA	Pacific West	0.25	2.70	0.174	0.229	1.47	1.15	1.83	1.48	2.00	0.69
PRWI	Prince William Forest Park	2	VA	National Capital	0.95	3.53	0.298	0.290	1.80	2.66	10.17	16.65	4.23	5.41
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	1.09	0.30	0.100	0.124	0.20	0.71	3.01	1.76	0.71	0.33
REDW	Redwood NP	1	CA	Pacific West	0.23	1.78	0.094	0.122	0.97	0.45	1.38	1.16	2.42	1.11
RICH	Richmond NBP	2	VA	Northeast	0.87	5.56	0.304	0.403	2.97	2.48	9.57	15.60	4.18	5.23
ROCR	Rock Creek Park	2	DC	National Capital	0.96	3.33	0.311	0.284	1.66	2.72	10.50	17.17	4.54	5.78
ROMO	Rocky Mountain NP	1	CO	Intermountain	1.30	0.30	0.150	0.118	0.22	1.51	5.27	2.89	4.20	1.63
RUCA	Russell Cave NM	2	AL	Southeast	1.18	2.23	0.537	0.254	1.21	3.11	8.96	16.07	5.78	6.88
SAAN	San Antonio Missions NHP	2	TX	Intermountain	1.65	4.49	0.377	0.358	2.59	1.97	5.53	7.69	2.86	2.59
SACN	Saint Croix NSR	2	MN	Midwest	1.82	0.39	0.185	0.252	0.22	3.61	7.66	6.64	5.00	2.43
SAGA	Saint-Gaudens NHS	2	NH	Northeast	0.83	2.35	0.220	0.213	1.25	2.25	11.17	14.25	3.37	3.75
SAGU	Saguaro NP	1	AZ	Intermountain	0.70	0.43	0.089	0.070	0.25	0.90	3.00	2.02	2.08	1.03
SAHI	Sagamore Hill NHS	2	NY	Northeast	1.10	11.95	0.467	0.843	6.61	2.59	12.68	18.26	4.42	5.54
SAIR	Saugus Iron Works NHS	2	MA	Northeast	0.86	6.90	0.279	0.474	3.80	2.10	10.88	15.62	3.68	4.71
SAJH	San Juan Island NHP	2	WA	Pacific West	0.80	16.01	0.428	0.960	8.76	0.45	2.80	5.15	0.53	0.62
SAMO	Santa Monica Mountains NRA	2	CA	Pacific West	0.37	2.68	0.150	0.184	1.53	1.06	3.18	1.97	1.87	0.76

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SAPU	Salinas Pueblo Missions NM	2	NM	Intermountain	1.22	0.32	0.102	0.091	0.20	1.18	3.81	2.94	1.58	0.86		
SARA	Saratoga NHP	2	NY	Northeast	1.03	1.78	0.256	0.214	0.92	2.48	12.28	15.64	3.79	4.17		
SCBL	Scotts Bluff NM	2	NE	Midwest	1.42	0.31	0.156	0.135	0.23	1.94	5.43	3.32	2.35	0.85		
SEKI	Sequoia / Kings Canyon NP	1	CA	Pacific West	0.23	1.28	0.101	0.106	0.71	0.66	1.59	1.05	2.29	0.80		
SHEN	Shenandoah NP	1	VA	Northeast	0.92	2.32	0.248	0.212	1.17	2.68	9.93	16.15	4.29	5.37		
SHIL	Shiloh NMP	2	TN	Southeast	1.33	2.46	0.392	0.260	1.43	2.58	9.31	12.33	5.06	5.13		
SITK	Sitka NHP	2	AK	Alaska	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
SLBE	Sleeping Bear Dunes NL	2	MI	Midwest	1.64	0.64	0.175	0.248	0.32	3.52	11.59	10.90	5.53	3.76		
STRI	Stones River NB	2	TN	Southeast	1.38	1.95	0.368	0.248	1.05	2.97	10.07	16.13	5.25	6.11		
SUCR	Sunset Crater NM	2	AZ	Intermountain	0.93	0.32	0.076	0.114	0.20	0.75	2.91	1.80	2.32	1.11		
TAPR	Tallgrass Prairie NPres	2	KS	Midwest	3.17	1.02	0.246	0.250	0.69	3.94	9.55	9.26	5.13	2.97		
THRO	Theodore Roosevelt NP	1	ND	Midwest	0.86	0.16	0.091	0.122	0.14	1.53	3.12	2.35	2.19	0.90		
THST	Thomas Stone NHS	2	MD	Northeast	0.94	4.49	0.315	0.347	2.32	2.63	10.17	16.69	4.41	5.69		
TICA	Timpanogos Cave NM	2	UT	Intermountain	1.31	0.62	0.096	0.134	0.49	1.21	2.75	1.76	2.62	1.00		
TIMU	Timucuan Ecological and Historical Prese	2	FL	Southeast	1.05	9.02	0.363	0.610	4.97	1.18	7.43	10.60	2.73	3.71		
TONT	Tonto NM	2	AZ	Intermountain	0.78	0.39	0.083	0.078	0.23	0.79	2.79	1.90	1.85	0.94		
TUMA	Tumacacori NM	2	AZ	Intermountain	0.68	0.55	0.086	0.076	0.32	0.87	2.84	1.91	1.98	0.96		
TUZI	Tuzigoot NM	2	AZ	Intermountain	0.87	0.39	0.082	0.105	0.23	0.76	2.81	1.78	1.61	0.77		
UPDE	Upper Delaware Scenic and Recreational R	2	DE	Northeast	1.01	2.72	0.304	0.252	1.36	2.90	14.08	19.04	4.32	4.98		
VAFO	Valley Forge NHP	2	PA	Northeast	1.04	5.63	0.312	0.433	2.95	3.45	12.50	19.12	5.42	6.32		
VAMA	Vanderbilt Mansion NHS	2	NY	Northeast	1.00	4.92	0.325	0.386	2.62	2.73	13.80	18.72	4.35	5.15		
VICK	Vicksburg NC	2	MS	Southeast	1.31	4.47	0.434	0.372	2.58	2.37	8.82	11.99	4.21	4.35		
VIIS	Virgin Islands NP	1	VI	Southeast	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
VOYA	Voyageurs NP	1	MN	Midwest	1.20	0.28	0.146	0.174	0.14	2.77	6.52	5.38	3.31	1.63		
WABA	Washita Battlefield NHS	2	OK	Intermountain	1.97	0.90	0.219	0.162	0.58	2.96	6.19	6.05	3.68	1.83		
WACA	Walnut Canyon NM	2	AZ	Intermountain	0.94	0.32	0.078	0.109	0.20	0.76	2.91	1.83	2.10	1.01		
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	1.08	10.58	0.449	0.754	5.83	2.56	12.93	18.21	4.87	6.01		
WHIS	Whiskeytown NRA	2	CA	Pacific West	0.22	1.19	0.079	0.089	0.66	0.49	1.50	1.10	1.89	0.79		
WHMI	Whitman Mission NHS	2	WA	Pacific West	0.30	1.47	0.147	0.109	0.82	0.57	1.89	1.50	0.54	0.27		
WHS	White Sands NM	2	NM	Intermountain	1.29	0.36	0.092	0.094	0.22	1.19	3.79	3.20	0.91	0.54		
WICA	Wind Cave NP	1	SD	Midwest	1.47	0.23	0.151	0.125	0.15	1.95	4.54	2.94	2.94	1.12		
WICR	Wilsons Creek NB	2	MO	Midwest	2.23	1.54	0.372	0.249	0.97	3.30	9.30	10.86	4.77	3.62		
WOTR	Wolf Trap Farm Park	2	VA	National Capital	0.97	3.01	0.306	0.265	1.49	2.72	10.47	17.11	4.62	5.88		
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	0.92	0.31	0.074	0.117	0.19	0.74	2.91	1.79	0.91	0.43		
YELL	Yellowstone NP	1	WY	Intermountain	0.77	0.30	0.175	0.080	0.25	0.76	2.14	1.39	1.74	0.75		
YOSE	Yosemite NP	1	CA	Pacific West	0.16	0.84	0.075	0.079	0.47	0.58	1.08	0.72	2.93	0.87		
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	1.39	0.28	0.097	0.122	0.18	0.74	4.06	2.48	1.67	0.91		
ZION	Zion NP	1	UT	Intermountain	0.86	0.39	0.115	0.118	0.25	0.73	2.66	1.49	1.58	0.66		