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The Clean Air Status and Trends Network (CASTNET) is a national air quality monitoring network designed to provide data to assess trends in air quality, atmospheric deposition, and ecological effects due to changes in air pollutant emissions. CASTNET began collecting measurements in 1991 with the incorporation of 50 sites from the National Dry Deposition Network, which had been in operation since 1987. CASTNET provides long-term monitoring of air quality in rural areas to determine trends in regional atmospheric nitrogen, sulfur, and ozone concentrations and deposition fluxes of sulfur and nitrogen pollutants in order to evaluate the effectiveness of national and regional air pollution control programs. CASTNET operates more than 80 regional sites throughout the contiguous United States, Alaska, and Canada. [Sites](#) are located in areas where urban influences are minimal.

Program Partners

CASTNET is dependent on contributions from many organizations including EPA, the National Park Service (NPS), Native American tribes, universities, and other government agencies. [Learn More](#)

Featured Site

Connecticut Hill (CTH110)



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Total Deposition – Annual

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 Total Deposition – Annual
1989 – 2012

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 Mesa Verde NP (CO)
Gothic (CO)
Canyonlands NP (UT)

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 Total Deposition – Annual
SITE_ID, YEAR, PRECIP, S_WET, S_DRY,
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Site Information

The accompanying map provides site locations and links to active sites, and the following tables provide geographic information and links to the [active](#) and [discontinued](#) CASTNET monitoring sites. Each site page contains a graphical summary of deposition data and description of site characteristics. See the [bottom](#) of the page for an explanation of abbreviations.



Active Sites

STATE	SITE_ID	SITE_NAME	LATITUDE	LONGITUDE	Elevation(m)
AK	DEN417	Denali NP	63.7258	-148.9633	661
AL	SND152	Sand Mountain	34.2888	-85.9698	352
AR	CAD150	Caddo Valley	34.1795	-93.0988	71
AZ	GRC474	Grand Canyon NP	36.0597	-112.1822	2073
AZ	CHA467	Chiricahua NM	32.0092	-109.3892	1570
AZ	PET427	Petrified Forest	34.8225	-109.8919	1723
CA	PIN414	Pinnacles NM	36.485	-121.1556	335
CA	SEK430	Sequoia NP – Ash Mountain	36.4894	-118.8228	457
CA	LAV410	Lassen Volcanic NP	40.5403	-121.5764	1756
CA	YOS404	Yosemite NP – Turtleback Dome	37.7133	-119.7061	1605
CA	JOT403	Joshua Tree NP	34.0714	-116.3906	1244

CA	YOS204	Yosemite NP Collocated	37.7133	-119.7061	1605
CO	ROM206	Rocky Mtn NP Collocated	40.2778	-105.5453	2743
CO	ROM406	Rocky Mtn NP	40.2778	-105.5453	2743
CO	GTH161	Gothic	38.9564	-106.9858	2926
CO	MEV405	Mesa Verde NP	37.1983	-108.4903	2165
CT	ABT147	Abington	41.8402	-72.01	209
FL	IRL141	Indian River Lagoon	27.8492	-80.4554	2
FL	EVE419	Everglades NP	25.3911	-80.6806	2
FL	SUM156	Sumatra	30.1103	-84.9903	14
GA	GAS153	Georgia Station	33.1787	-84.4052	270
IL	BVL130	Bondville	40.0519	-88.3724	212
IL	ALH157	Alhambra	38.869	-89.6228	164
IL	STK138	Stockton	42.2869	-89.9997	274
IN	VIN140	Vincennes	38.7408	-87.4853	134
IN	SAL133	Salamonie Reservoir	40.816	-85.6611	250
KS	KNZ184	Konza Prairie	39.1021	-96.6096	348
KY	MCK131	Mackville	37.7046	-85.0485	353
KY	MCK231	Mackville Collocated	37.7046	-85.0485	353
KY	CDZ171	Cadiz	36.7841	-87.8499	189
KY	MAC426	Mammoth Cave NP	37.1313	-86.148	243
KY	CKT136	Crockett	37.9214	-83.0662	455
MD	BEL116	Beltsville	39.0284	-76.8171	46
MD	BWR139	Blackwater NWR	38.445	-76.1114	4
ME	ACA416	Acadia NP	44.3769	-68.2608	158
ME	ASH135	Ashland	46.6041	-68.4135	235
ME	HOW132	Howland	45.2158	-68.7082	69
MI	UVL124	Unionville	43.6138	-83.3591	201
MI	HOX148	Hoxeyville	44.1809	-85.739	305
MI	ANA115	Ann Arbor	42.4165	-83.902	267
MN	VOY413	Voyageurs NP	48.4128	-92.8292	429
MS	CVL151	Coffeeville	34.0026	-89.799	134
MT	GLR468	Glacier NP	48.5103	-113.9956	976
NC	COW137	Coweeta	35.0608	-83.4306	686
NC	CND125	Candor	35.2632	-79.8365	198
NC	PNF126	Cranberry	36.1058	-82.0454	1219
NC	BFT142	Beaufort	34.8848	-76.6203	2
ND	THR422	Theodore Roosevelt NP	46.8947	-103.3778	850
NE	SAN189	Santee Sioux	42.8292	-97.854	429
NH	WST109	Woodstock	43.945	-71.7008	258
NJ	WSP144	Wash. Crossing	40.3125	-74.8729	61
NV	GRB411	Great Basin NP	39.0053	-114.2158	2060
NY	HWF187	Huntington Wildlife Forest	43.9731	-74.2232	502
NY	CTH110	Connecticut Hill	42.4006	-76.6538	501
NY	CAT175	Claryville	41.9422	-74.5519	765
OH	QAK172	Quaker City	39.9428	-81.3373	372
OH	OXF122	Oxford	39.5327	-84.7286	284
OH	DCP114	Deer Creek	39.6359	-83.2605	267

OK	CHE185	Cherokee Nation	35.7507	-94.67	299
ON	EGB181	Egbert	44.232	-79.7812	251
PA	PSU106	Penn State	40.7208	-77.9319	378
PA	KEF112	Kane Exp. Forest	41.598	-78.7674	622
PA	MKG113	M.K. Goddard	41.4271	-80.1451	384
PA	ARE128	Arendtsville	39.9231	-77.3078	269
PA	LRL117	Laurel Hill	39.9878	-79.2515	615
SD	WNC429	Wind Cave NP	43.5578	-103.4839	1292
TN	SPD111	Speedwell	36.47	-83.8268	361
TN	GRS420	Great Smoky NP - Look Rock	35.6331	-83.9422	793
TN	CLD303	Clingmans Dome MADPro	35.5631	-83.4986	2014
TN	ESP127	Edgar Evins	36.0388	-85.7331	302
TX	BBE401	Big Bend NP	29.3022	-103.1772	1052
TX	PAL190	Palo Duro	34.8803	-101.6649	1050
TX	ALC188	Alabama-Coushatta	30.7017	-94.6742	101
UT	CAN407	Canyonlands NP	38.4586	-109.8211	1809
VA	SHN418	Shenandoah NP - Big Meadows	38.5231	-78.4347	1073
VA	VPI120	Horton Station	37.3297	-80.5578	920
VA	PED108	Prince Edward	37.1655	-78.3069	150
WA	MOR409	Mount Rainier NP	46.7583	-122.1244	415
WI	PRK134	Perkinstown	45.2066	-90.5969	472
WV	PAR107	Parsons	39.0905	-79.6617	510
WV	CDR119	Cedar Creek	38.8795	-80.8477	234
WY	CNT169	Centennial	41.3642	-106.2399	3178
WY	YEL408	Yellowstone NP	44.5597	-110.4006	2400
WY	PND165	Pinedale	42.9288	-109.788	2388

Discontinued Sites

The following sites have been discontinued or operations have been transferred to other monitoring networks (e.g. wet deposition sites are now operated by NADP/NTN and aerosol sites are now operated under the IMPROVE protocol. These discontinued sites include special studies and temporary collocated sites.

STATE	SITE_ID	SITE_NAME	LATITUDE	LONGITUDE	Elevation(m)
AK	KVA428	Kobuk Valley NP	67.0931	-157.8689	88
AK	POF425	Poker Flats, Yukon Flats NM	65.1178	-147.4333	495
AZ	CHA267	Chiricahua NM Collocated	32.0097	-109.3889	1570
CA	DEV412	Death Valley NM	36.5092	-116.8481	125
CA	SEK402	Sequoia NP - Lookout Pt	36.4292	-118.7625	1225
CA	CON186	Converse Station	34.194	-116.913	1837
FL	SUM256	Sumatra Collocated	30.1103	-84.9903	14
GA	GAS253	Georgia Station Collocated	33.1787	-84.4052	270
HI	HVT424	Hawaii Volcanoes NP	19.4197	-155.24	1199
ID	RCK163	Reynolds Creek	43.21	-116.75	1198
ID	RCK263	Reynolds Creek Collocated	43.21	-116.75	1198
IL	BVL530	Bondville Aerosol	40.0518	-88.3723	212
IL	ALH557	Alhambra Aerosol	38.869	-89.6228	164
IL	ALH257	Alhambra Collocated	38.869	-89.6228	164
IL	ANL146	Argonne NL	41.7	-87.99	229

IN	LIV573	Livonia Aerosol	38.5347	-86.2608	299
KY	PBF129	Perryville	37.68	-84.97	279
KY	CDZ571	Cadiz Aerosol	36.7841	-87.8498	189
KY	LCW121	Lilley C. Woods	37.13	-82.99	335
LA	SIK570	Sikes Aerosol	32.0575	-92.4353	68
LA	SIK270	Sikes Collocated	32.0575	-92.4353	68
MD	BEL216	Beltsville Collocated	39.0284	-76.8171	46
ME	ASH235	Ashland Collocated	46.6041	-68.4135	235
MI	WEL149	Wellston	44.2249	-85.8198	295
NC	COW182	Coweeta Special	35.0608	-83.4306	686
NC	RTP101	Res. Triangle Pk.	35.91	-78.88	91
NH	HBR183	Hubbard Brook Special	43.95	-71.7	322
NV	SAV164	Saval Ranch	41.29	-115.86	1873
NY	WPA103	West Point A	41.35	-74.05	203
NY	WFM105	Whiteface Mountain	44.39	-73.86	570
NY	WPB104	West Point B	41.35	-74.05	203
NY	CTH510	Connecticut Hill Aerosol	42.4006	-76.6538	501
OH	QAK272	Quaker City Collocated	39.9428	-81.3373	372
OH	QAK572	Quaker City Aerosol	39.9428	-81.3373	372
OH	DCP214	Deer Creek Collocated	39.6359	-83.2605	267
OH	LYK123	Lykens	40.9172	-82.9981	303
ON	EGB281	Egbert Collocated	44.232	-79.7812	251
PA	ARE528	Arendtsville Aerosol	39.923	-77.3078	269
PA	ARE228	Arendtsville Collocated	39.9231	-77.3078	269
PA	SCR180	Scotia Range	40.7884	-77.9464	376
PA	MKG513	M.K. Goddard Aerosol	41.4271	-80.145	384
TN	ONL102	Oak Ridge	35.96	-84.29	341
UT	UIN162	Uinta	40.55	-110.32	2500
VA	SHN518	Shenandoah NP - Big Meadows Aerosol	38.5231	-78.4347	1073
VI	VIL423	Virgin Islands NP - Lind Pt	18.3364	-64.7964	80
VT	LYE145	Lye Brook	43.051	-73.0614	730
WA	NCS415	North Cascades NP	48.5397	-121.4472	109
WA	OLY421	Olympic NP	48.0975	-123.4256	125
WV	PAR207	Parsons Collocated	39.0905	-79.6617	510

Notes and Abbreviations:

Collocated	A duplicate site running side-by-side another for quality assurance purposes
Aerosol	A site running fine particulate sampling equipment
Special	A site that collected data for a short-term study
NM	National Monument
NP	National Park
NWR	National Wildlife Refuge



Preview Report



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Report 1 : Total Deposition - Annual

Report Selected : Total Deposition - Annual

No. of records returned : 72

SITE_ID [?]	YEAR [?]	PRECIP [?]	S_WET [?]	S_DRY [?]	S_TOTAL [?]	N_WET [?]	N_DRY [?]	N_TOTAL [?]
GTH161	1990	70.68	1.28	0.156	1.436	2.057	0.343	2.4
CAN407	2006	32.94	0.66	0.207	0.867	1.367	0.905	2.272
CAN407	2003	17.67	0.37	0.228	0.598	1.022	1.014	2.037
CAN407	2002	16.75	0.473	0.214	0.687	1.02	0.946	1.966
CAN407	2000	18.51	0.377	0.248	0.624	0.827	1.081	1.908
MEV405	2012	null	null	null	null	null	null	null
MEV405	2003	30.95	0.6	null	null	1.029	null	null
MEV405	2000	30.54	0.897	0.319	1.216	1.415	1.04	2.454
CAN407	2012	null	null	null	null	null	null	null
CAN407	2005	30.77	0.46	0.228	0.688	0.956	0.89	1.846
CAN407	1998	22.71	0.47	0.284	0.754	0.669	1.035	1.704
MEV405	2006	35.36	0.743	0.267	1.011	1.517	1.048	2.565
MEV405	2004	35.8	0.727	null	null	1.29	null	null
GTH161	2003	54.93	0.623	0.131	0.754	1.394	0.355	1.749
GTH161	2001	51.25	0.717	0.138	0.855	1.583	0.333	1.917
GTH161	1991	72.85	1.277	0.126	1.403	1.642	0.266	1.908
CAN407	2009	16.49	0.49	0.168	0.658	1.035	0.712	1.747
CAN407	1996	21.01	0.79	0.296	1.086	1.323	1.141	2.464
MEV405	1989	22.78	0.54	null	null	0.64	null	null
CAN407	1989	11.5	0.243	null	null	0.319	null	null
GTH161	2007	48.3	0.527	0.135	0.662	1.263	0.355	1.618
GTH161	2002	38.41	0.437	0.139	0.576	1.278	0.433	1.711
GTH161	1998	79.17	1.247	0.135	1.382	1.922	0.309	2.231
GTH161	1997	90.63	1.323	0.142	1.465	2.116	0.309	2.425
CAN407	2008	20.99	0.43	0.199	0.629	1.029	0.803	1.832
MEV405	1994	46.21	1.57	null	null	1.684	null	null
MEV405	1999	29	0.967	0.358	1.325	1.247	1.023	2.27
MEV405	1998	41.88	1.257	0.398	1.655	1.28	1.035	2.316
MEV405	1996	45.88	1.513	0.407	1.92	2.078	1.082	3.16
GTH161	2010	90.31	0.887	0.096	0.982	1.773	0.224	1.996

GTH161	2005	66.19	0.75	0.139	0.889	1.39	0.324	1.714
GTH161	1995	105.87	1.677	0.125	1.802	2.641	0.304	2.945
GTH161	1993	100.9	1.667	0.138	1.805	2.234	0.272	2.507
CAN407	1995	24.26	0.897	0.303	1.199	1.596	0.98	2.576
MEV405	1993	52.4	1.343	null	null	1.327	null	null
CAN407	1994	15.17	0.52	null	null	0.893	null	null
GTH161	1994	62.3	1.057	0.148	1.204	1.581	0.349	1.93
GTH161	1992	68.25	1.307	0.121	1.427	1.855	0.277	2.132
CAN407	2010	28.77	0.37	0.164	0.534	0.989	0.676	1.665
CAN407	2004	25.73	0.763	0.218	0.982	1.604	0.967	2.571
CAN407	2001	22.21	0.473	0.251	0.724	0.987	1.009	1.995
MEV405	1991	49.49	1.667	null	null	1.375	null	null
MEV405	1990	42.65	1.863	null	null	1.755	null	null
CAN407	1992	19.93	0.987	null	null	1.959	null	null
MEV405	2011	null	null	0.188	null	null	0.872	null
MEV405	2010	52.83	0.837	0.176	1.013	1.724	0.813	2.537
MEV405	2005	48.5	1.083	0.31	1.393	1.625	1.128	2.753
MEV405	2002	21.84	0.553	0.292	0.845	0.992	1.076	2.067
GTH161	2011	null	null	0.1	null	null	0.257	null
GTH161	2008	50.54	0.64	0.147	0.787	1.11	0.346	1.455
GTH161	1999	52.95	1.007	0.135	1.142	1.479	0.309	1.788
GTH161	2000	54.21	0.613	0.132	0.746	1.275	0.354	1.63
CAN407	1997	29.37	1.15	0.274	1.424	2.016	0.913	2.929
CAN407	1993	28.26	0.61	null	null	0.668	null	null
MEV405	1995	43.1	1.25	0.41	1.66	1.415	1.025	2.44
GTH161	2009	63.51	0.813	0.107	0.92	1.414	0.25	1.664
GTH161	2004	44.23	0.427	0.123	0.55	0.97	0.322	1.293
GTH161	1996	102.84	1.407	0.136	1.543	2.301	0.391	2.692
GTH161	1989	60.1	1.087	null	null	1.5	null	null
CAN407	2011	null	null	0.17	null	null	0.697	null
CAN407	2007	23.68	0.36	0.213	0.573	1.015	0.96	1.975
CAN407	1999	24.96	0.467	0.251	0.718	0.882	1.007	1.889
MEV405	1992	49.84	1.497	null	null	1.641	null	null
CAN407	1991	23.02	0.59	null	null	0.577	null	null
CAN407	1990	21.88	1.463	null	null	2.565	null	null
MEV405	2009	34.77	1.277	0.189	1.466	1.445	0.876	2.321
MEV405	2008	42.02	0.74	0.237	0.977	1.327	0.978	2.305
MEV405	2007	38.71	0.983	0.26	1.243	1.707	1.142	2.85

MEV405	2001	29.13	0.837	0.324	1.16	1.218	1.018	2.236
MEV405	1997	50.64	1.35	0.396	1.746	1.572	0.96	2.532
GTH161	2012	null	null	null	null	null	null	null
GTH161	2006	84.91	0.98	0.124	1.104	1.956	0.311	2.267

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