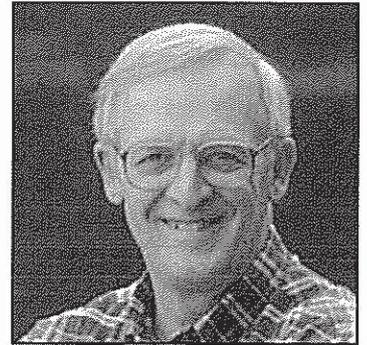


Keynote Speaker – Dr. Gene E. Likens

Dr. Gene Likens received a Ph.D. in zoology from the University of Wisconsin in 1962. He served on the faculty of Dartmouth College from 1963-69 and at Cornell University from 1969-83.



Dr. Likens is founder and President Emeritus of the Cary Institute of Ecosystem Studies, Millbrook, NY. Currently, he serves as Distinguished Research Professor and Special Advisor to the President on Environmental Affairs at the University of Connecticut.

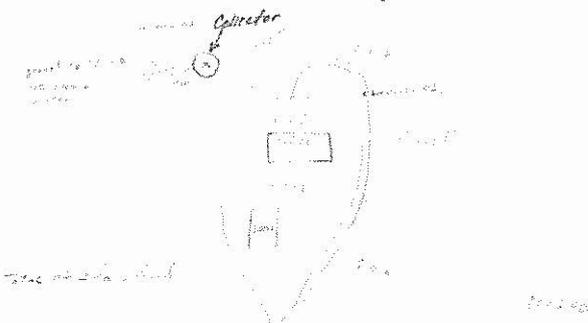
Dr. Likens' research focuses on the ecology and biogeochemistry of forest and aquatic ecosystems, primarily through long-term studies at the Hubbard Brook Experimental Forest in New Hampshire. He co-founded the Hubbard Brook Ecosystem Study in 1963, which has informed understanding of the links between ecosystem function and land-use practices. He and his colleagues were the first scientists to discover and document acid rain in North America and its links to fossil fuel combustion. His findings have influenced politicians and policy makers, motivated scientific studies, and increased public awareness of human-accelerated environmental change. He has received many awards and honors including election to the National Academy of Science in 1981, and the 2001 National Medal of Science.

Dr. Likens has authored more than 600 papers, reports, and books that include studies of limnology, acid rain and its ecological effects, human influence on water quality, and the ecological effects of forest management, among others. He has been a long-time proponent of the value of environmental monitoring, including the activities of NADP.

Keynote Talk Title: Long-term Monitoring: Environmental Insights from NADP and Hubbard Brook pertaining to Acid Rain

Abstract: High quality, long-term scientific data offer unique insights into how atmospheric chemistry affects human-accelerated environmental change. Data from Hubbard Brook and NADP provide two special examples regarding long-term changes in atmospheric deposition. Acid rain was discovered in North America at Hubbard Brook in 1963. Chemical records at Hubbard Brook now have been hindcasted to 1900 to provide context for the 55-year measurement period. The NADP, celebrating 40 years of successful operations, provided critical temporal, and especially, spatial data for the acid rain debates in the 1980s. Long-term data from these programs were important in passing the 1990 Clean Air Act Amendments.

NC-144 Precip Collector at Hubbard Brook Experimental Forest, N.H.



**Original drawing for NADP site application.
Included in NADP archival site files.**

2018 NADP Site Operator Awards

35 Year Award

NADP 測站 維護 得獎 名單

Site Code	Operator Name	Site Name	Funding Agency	Wet Start
MD13 - NTN	Michael Newell	Wye	University of Maryland-State Agricultural Experiment Station	3/8/1983

30 Year Awards

Site Code	Operator Name	Site Name	Funding Agency	Wet Start
MT07 - NTN	Kent Dodge	Clancy	U.S. Geological Survey	1/24/1984
TX16 - NTN	Robert Moen	Sonora	U.S. Geological Survey	6/26/1984

25 Year Awards

Site Code	Operator Name	Site Name	Funding Agency	Wet Start
PA15 - AIRMoN	Robert Ziegler	Penn State	National Oceanic and Atmospheric Administration - Air Resources Laboratory	10/6/1992
PA15 - NTN	Robert Ziegler	Penn State	National Oceanic and Atmospheric Administration - Air Resources Laboratory and Pennsylvania Game Commission	6/7/1983
PA42 - NTN	Kevin Horner	Leading Ridge	Pennsylvania State University-State Agricultural Experiment Station	4/25/1979

20 Year Awards

Site Code	Operator Name	Site Name	Funding Agency	Wet Start
NC36 - NTN	Paul Anderson	Jordan Creek	U.S. Geological Survey	10/18/1983
NM08 - NTN	Linda Madron	Mayhill	U.S. Geological Survey	1/24/1984

15 Year Awards

Site Code	Operator Name	Site Name	Funding Agency	Wet Start
MI51 - NTN	Denise Dickson	Unionville	U.S. Environmental Protection Agency - Clean Air Markets	1/26/1999
MS19 - NTN	Grace Norman	Newton	National Oceanic and Atmospheric Administration - Air Resources Laboratory	11/11/1986
NY20 - MDN	Charlotte Demers	Huntington Wildlife	New York State Energy Research & Development Authority and U.S. Environmental Protection Agency	12/10/1999
TX56 - NTN	Dale Burks	L.B.J. National Grasslands	U.S. Geological Survey	9/20/1983
WI31 - MDN	Alexander Nyhus	Devil's Lake	Wisconsin Department of Natural Resources	1/11/2001
WY00 - NTN	John Korfmacher	Snowy Range	U.S. Forest Service	4/22/1986
WY95 - NTN	John Korfmacher	Brooklyn Lake	U.S. Forest Service	9/22/1992

10 Year Awards

Site Code	Operator Name	Site Name	Funding Agency	Wet Start
AZ99 - NTN	Janice Goodman	Oliver Knoll	U.S. Geological Survey	8/25/1981
KS24 - MDN	Lisa Silby	Glen Elder State Park	Kansas Department of Health and Environment	5/27/2008
KS32 - MDN	Curt Sauer	Lake Scott State Park	Kansas Department of Health and Environment	6/10/2008
MD08 - AMNet	Mark Castro	Piney Reservoir	State of Maryland	1/1/2008
MI48 - NTN	Jim Patton	Seney National Wildlife Refuge-Headquarters	U.S. Fish and Wildlife Service-Air Quality Branch	11/28/2000
MI96 - AMoN	Matt Nowak	Detroit	U.S. Environmental Protection Agency - Clean Air Markets	10/29/2007
MN27 - MDN	Lee Klossner	Lamberton	Minnesota Pollution Control Agency	7/2/1996
ND08 - NTN	Janna Robinson	Icelandic State Park	U.S. Geological Survey	10/25/1983
NM98 - AMoN	Joe Cotie	Navajo Lake	U.S. Environmental Protection Agency - Clean Air Markets	1/11/2008
NM99 - AMoN	Joe Cotie	Farmington	U.S. Environmental Protection Agency - Clean Air Markets	1/9/2008
NY06 - MDN	Sergio Fleishaker	Bronx	New York State Department of Environmental Conservation	1/9/2008

10 Year Awards

Site Code	Operator Name	Site Name	Funding Agency	Wet Start
NY43 - MDN	Tom Everts	Rochester	New York State Energy Research & Development Authority	1/8/2008
NY67 - AMoN	Tom Butler	Ithaca	U.S. Environmental Protection Agency - Clean Air Markets	10/30/2007
OH02 - AMoN	Gary Conley	Athens Super Site	U.S. Environmental Protection Agency - Clean Air Markets	10/30/2007
OK99 - AMNet	Larry Scrapper	Stillwell	Cherokee Nation	10/20/2008
SD08 - NTN	David Gay	Cottonwood	U.S. Geological Survey	10/11/1983
WI10 - NTN	Joe Cebe	Potawatomi	Forest County Potawatomi Community	6/7/2005
WY06 - NTN	Ted Porwoll	Pinedale	U.S. Bureau of Land Management	1/26/1982
WY08 - NTN	John Klapotosky	Yellowstone National Park-Tower Falls	Wyoming Department of Environmental Quality	6/5/1980

5 Year Awards

Site Code	Operator Name	Site Name	Funding Agency	Wet Start
AK98 - MDN	Stephen Bodnar	Kodiak	State of Alaska Department of Environmental Conservation	9/18/2007
BC22 - NTN	Jim Young	Haul Road Station	Rio Tinto	9/19/2012
BC23 - NTN	Jim Young	Lakelse Lake	Rio Tinto	3/20/2013
CO21 - NTN	Steven Alton	Manitou	U.S. Forest Service	10/17/1978
CO96 - MDN	Bob Brantlinger	Molas Pass	U.S. Bureau of Land Management	6/30/2009
CO96 - NTN	Bob Brantlinger	Molas Pass	U.S. Forest Service	7/29/1986
ID03 - NTN	Douglass Owen	Craters of the Moon National Monument	National Park Service-Air Resources Division	8/22/1980
MD08 - MDN	Ben Brown	Piney Reservoir	Maryland Department of Natural Resources and University of Maryland - Appalachian Laboratory	6/29/2004
ME94 - NTN	Martin Dana	Indian Township	Passamaquoddy Tribe and U.S. Environmental Protection Agency	10/3/2013
ME96 - MDN	Liza Woodward	Casco Bay-Wolfe's Neck Farm	Maine Department of Environmental Protection and U.S. Environmental Protection Agency	1/6/1998

5 Year Awards

Site Code	Operator Name	Site Name	Funding Agency	Wet Start
ME96 - NTN	Liza Woodward	Casco Bay-Wolfe's Neck Farm	Maine Department of Environmental Protection and U.S. Environmental Protection Agency	1/6/1998
MN18 - AMoN	James B. Anderson	Fernberg	U.S. Environmental Protection Agency - Clean Air Markets	10/30/2007
MN18 - MDN	James B. Anderson	Fernberg	Minnesota Pollution Control Agency	3/5/1996
MN18 - NTN	James B. Anderson	Fernberg	U.S. Environmental Protection Agency - Clean Air Markets	11/18/1980
MN32 - NTN	Bryce Olson	Voyageurs National Park-Sullivan Bay	National Park Service-Air Resources Division	5/30/2000
MS12 - AMNet	Ronald Cole	Grand Bay NERR	National Oceanic and Atmospheric Administration	9/29/2006
NC45 - NTN	Alexander Dreyer	Mt. Mitchell	North Carolina State University and U.S. Environmental Protection Agency - Clean Air Markets	11/26/1985
NS01 - AMoN	Margo DeLong	Kejimikujik National Park	Environment Canada	10/8/2013
NY06 - NTN	Sergio Fleishaker	Bronx	New York State Department of Environmental Conservation	1/22/2013
NY28 - NTN	Erik Cortright	Piseco Lake	New York State Energy Research & Development Authority	12/31/2012
NY43 - NTN	Tom Everts	Rochester	New York State Energy Research & Development Authority	4/30/2013
NY92 - NTN	Jim Wolfe	Amherst	New York State Energy Research & Development Authority	10/29/2013
NY94 - AMoN	Ken Eckhardt	Nick's Lake	U.S. Environmental Protection Agency - Clean Air Markets	11/20/2012
NY96 - MDN	Andrew Seal	Cedar Beach-Southold	New York State Energy Research & Development Authority	9/24/2013
NY98 - AMoN	Paul Casson	Whiteface Mountain	U.S. Environmental Protection Agency - Clean Air Markets	11/20/2012
OH02 - AMNet	Alex Burke	Athens Super Site	Ohio EPA	1/1/2007
OK00 - NTN	Robert Kildow	Salt Plains National Wildlife Refuge	U.S. Geological Survey	12/13/1983
PA18 - MDN	Kevin Horner	Young Woman's Creek	Pennsylvania State University	10/22/2013
TX04 - NTN	Jeff Bennett	Big Bend National Park - K-Bar	National Park Service-Air Resources Division	4/10/1980
TX43 - AMoN	Brent Auvermann	Cañonceta	U.S. Environmental Protection Agency - Clean Air Markets	10/30/2007

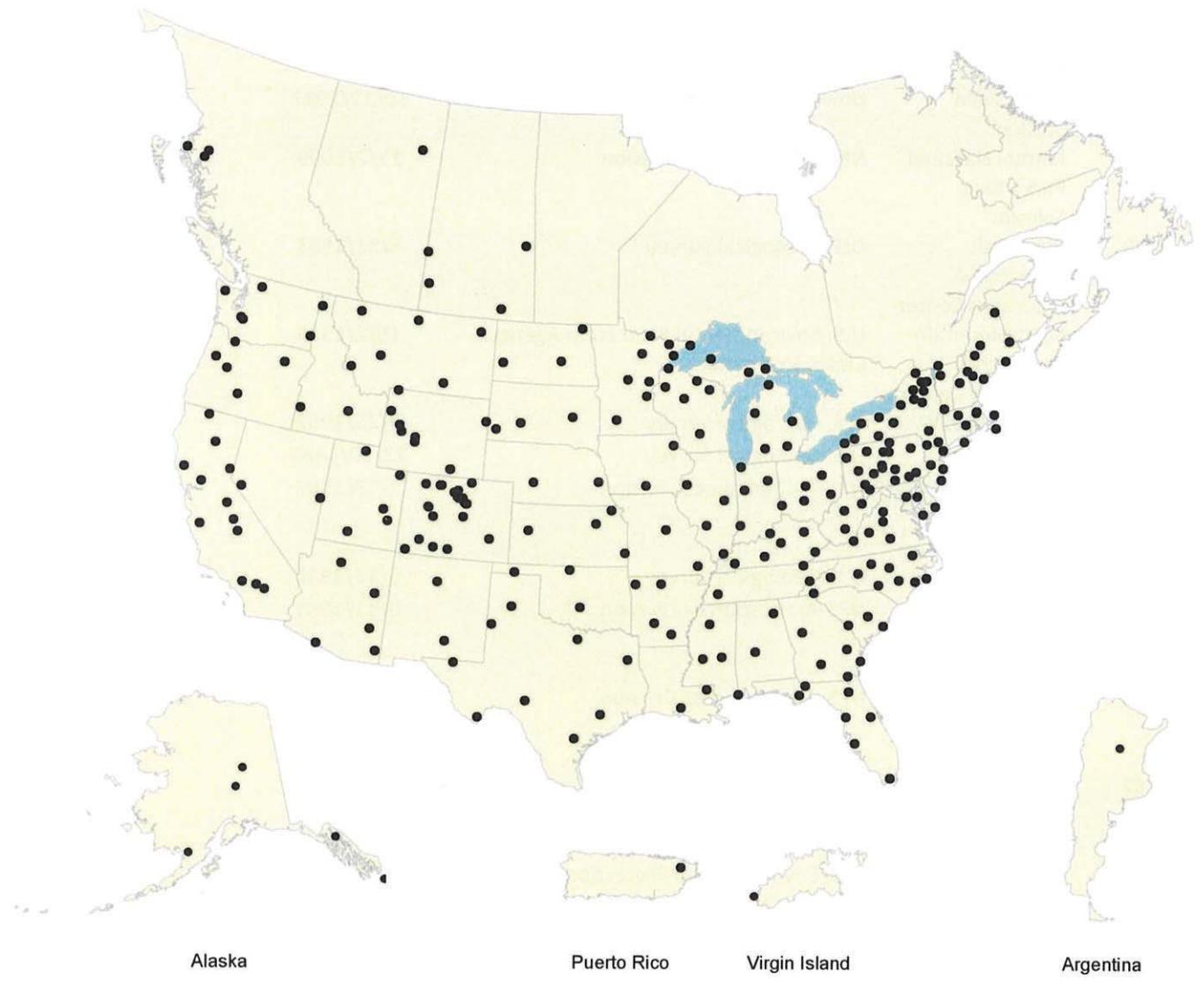
5 Year Awards

Site Code	Operator Name	Site Name	Funding Agency	Wet Start
VA24 - AMoN	Gene Brooks	Prince Edward	U.S. Environmental Protection Agency - Clean Air Markets	3/1/2011
VT99 - AMoN	Miriam Pendleton	Underhill	U.S. Environmental Protection Agency - Clean Air Markets	11/20/2012
WY26 - MDN	Steve Renner	Roundtop Mountain	Wyoming Department of Environmental Quality	12/20/2011
WY97 - NTN	Steve Renner	South Pass City	Bridger-Teton National Forest	4/30/1985

National Atmospheric Deposition Program

National Trends Network (NTN)

國家趨勢監測網 (264個測站)



NTN 測站及開始監測日期

NTN

Site ID	Site Name	Site Sponsor	Start Date
AB32	Fort Mackay	Wood Buffalo Environmental Association	9/13/2016
AK01	Poker Creek	U.S. Forest Service	12/29/1992
AK02	Juneau	U.S. Forest Service	6/22/2004
AK03	Denali National Park-Mt. McKinley	NPS-Air Resources Division	6/17/1980
AK96	Toolik Field Station	University of Alaska Fairbanks	10/12/2017
AK97	Katmai National Park - King Salmon	NPS-Air Resources Division	11/2/2009
AL10	Black Belt Research & Extension Center	U.S. Geological Survey	8/31/1983
AL99	Sand Mountain Research & Extension Center	U.S. Environmental Protection Agency - Clean Air Markets	10/2/1984
AR02	Warren 2WSW	U.S. Geological Survey	5/25/1982
AR03	Caddo Valley	U.S. Geological Survey	12/30/1983
AR16	Buffalo National River-Buffalo Point	NPS-Air Resources Division	7/13/1982
AR27	Fayetteville	U.S. Geological Survey	5/13/1980
AZ03	Grand Canyon National Park- Hopi Point	NPS-Air Resources Division	8/11/1981
AZ06	Organ Pipe Cactus National Monument	NPS-Air Resources Division	4/15/1980
AZ97	Petrified Forest National Park- Rainbow Forest	NPS-Air Resources Division	12/3/2002
AZ98	Chiricahua	U.S. Environmental Protection Agency - Clean Air Markets	2/23/1999
AZ99	Oliver Knoll	U.S. Geological Survey	8/25/1981
BC22	Haul Road Station	Rio Tinto	9/19/2012
BC23	Lakelse Lake	Rio Tinto	3/20/2013
BC24	Port Edward	Prince Rupert Port Authority	1/15/2014
CA28	Kings River Experimental Watershed	USFS - Pacific Southwest Research Station	4/24/2007
CA42	Tanbark Flat	U.S. Forest Service	1/12/1982
CA45	Hopland	U.S. Geological Survey	10/3/1979
CA50	Sagehen Creek	U.S. Geological Survey	11/6/2001

NTN

Site ID	Site Name	Site Sponsor	Start Date
CA66	Pinnacles National Monument-Bear Valley	NPS-Air Resources Division	11/2/1999
CA67	Joshua Tree National Park-Black Rock	NPS-Air Resources Division	9/19/2000
CA75	Sequoia National Park-Giant Forest	NPS-Air Resources Division	7/8/1980
CA76	Montague	U.S. Geological Survey	6/25/1985
CA88	Davis	U.S. Geological Survey	9/4/1978
CA94	Converse Flats	U.S. Forest Service	5/9/2006
CA96	Lassen Volcanic National Park-Manzanita Lake	NPS-Air Resources Division	6/13/2000
CA99	Yosemite National Park-Hodgdon Meadow	NPS-Air Resources Division	12/8/1981
CAN5	Frelighsburg	U.S. Geological Survey	10/2/2001
CO00	Alamosa	U.S. Geological Survey	4/22/1980
CO01	Las Animas Fish Hatchery	U.S. Geological Survey	10/4/1983
CO02	Niwot Saddle	INSTAAR-University of Colorado/ National Science Foundation	6/5/1984
CO06	CAMP	City and County of Denver	1/10/2017
CO08	Four Mile Park	U.S. Environmental Protection Agency - Clean Air Markets	12/29/1987
CO09	Kawuneechee Meadow	U.S. Bureau of Land Management	7/10/2012
CO10	Gothic	U.S. Environmental Protection Agency - Clean Air Markets	2/2/1999
CO11	Arvada Gardens	U.S. Geological Survey	12/5/2016
CO15	Sand Spring	U.S. Bureau of Land Management	3/20/1979
CO19	Rocky Mountain National Park-Beaver Meadows	NPS-Air Resources Division	5/29/1980
CO21	Manitou	U.S. Forest Service	10/17/1978
CO22	Pawnee	Colorado Department of Public Health & Environment	5/22/1979
CO84	Betasso	U.S. Geological Survey	5/2/2017
CO85	Boulder	Colorado Department of Public Health & Environment	1/3/2017
CO86	Rocky Flats NWR	U.S. Fish and Wildlife Service	1/3/2017
CO87	National Jewish Hospital	Colorado Department of Public Health & Environment	1/10/2017
CO90	Niwot Ridge-Southeast	INSTAAR-University of Colorado	1/24/2006

NTN

Site ID	Site Name	Site Sponsor	Start Date
CO90	Niwot Ridge-Southeast	National Science Foundation	1/24/2006
CO91	Wolf Creek Pass	U.S. Forest Service	5/26/1992
CO92	Sunlight Peak	U.S. Environmental Protection Agency - Clean Air Markets	1/13/1988
CO93	Buffalo Pass - Dry Lake	U.S. Forest Service	10/14/1986
CO94	Sugarloaf	U.S. Environmental Protection Agency - Clean Air Markets	11/4/1986
CO96	Molas Pass	U.S. Forest Service	7/29/1986
CO97	Buffalo Pass - Summit Lake	U.S. Forest Service	2/7/1984
CO98	Rocky Mountain National Park-Loch Vale	U.S. Geological Survey - Biological Resources Division/ Colorado State University	8/16/1983
CO99	Mesa Verde National Park-Chapin Mesa	U.S. Geological Survey	4/28/1981
CT15	Abington	U.S. Environmental Protection Agency - Clean Air Markets	1/26/1999
FL03	Bradford Forest	U.S. Environmental Protection Agency - Clean Air Markets	10/10/1978
FL05	Chassahowitzka National Wildlife Refuge	USFWS-Air Quality Branch	8/27/1996
FL11	Everglades National Park-Research Center	NPS-Air Resources Division	6/17/1980
FL14	Quincy	U.S. Geological Survey	3/13/1984
FL23	Sumatra	U.S. Environmental Protection Agency - Clean Air Markets	1/26/1999
FL41	Verna Well Field	U.S. Geological Survey	8/25/1983
GA09	Okefenokee National Wildlife Refuge	USFWS-Air Quality Branch	6/3/1997
GA20	Bellville	U.S. Environmental Protection Agency - Clean Air Markets	4/26/1983
GA41	Georgia Station	University of Georgia-State Agricultural Experiment Station	10/3/1978
GA99	Chula	U.S. Geological Survey	2/10/1994
IA08	Big Springs Fish Hatchery	U.S. Geological Survey	8/14/1984
IA23	McNay Research Center	U.S. Geological Survey	9/11/1984
ID02	Priest River Experimental Forest	U.S. Forest Service	12/31/2002

NTN

Site ID	Site Name	Site Sponsor	Start Date
ID03	Craters of the Moon National Monument	NPS-Air Resources Division	8/22/1980
ID11	Reynolds Creek	U.S. Geological Survey	11/22/1983
IL11	Bondville	U.S. Environmental Protection Agency - Clean Air Markets	2/27/1979
IL46	Alhambra	U.S. Environmental Protection Agency - Clean Air Markets	1/26/1999
IL78	Monmouth	U.S. Geological Survey	1/8/1985
IN20	Roush Lake	U.S. Geological Survey	8/22/1983
IN22	Southwest Purdue Agriculture Center	U.S. Geological Survey	9/25/1984
IN34	Indiana Dunes National Lakeshore	NPS-Air Resources Division	7/15/1980
IN41	Agronomy Center for Research and Extension	Purdue University-State Agricultural Experiment Station	7/13/1982
KS07	Farlington Fish Hatchery	U.S. Geological Survey	3/27/1984
KS31	Konza Prairie	Kansas State University-State Agricultural Experiment Station	8/17/1982
KS32	Lake Scott State Park	U.S. Geological Survey	3/27/1984
KS97	Kickapoo Tribe - Powhattan	Kickapoo Tribe	10/13/2015
KY03	Mackville	U.S. Geological Survey	11/29/1983
KY10	Mammoth Cave National Park-Houchin Meadow	NPS-Air Resources Division	8/27/2002
KY19	Cannons Lane	U.S. Geological Survey	10/7/2003
KY22	Lilley Cornett Woods	U.S. Geological Survey	9/6/1983
KY35	Clark State Fish Hatchery	U.S. Geological Survey	8/30/1983
KY99	Mulberry Flat	Murray State University/ U.S. Forest Service	12/27/1994
LA12	Iberia Research Station	U.S. Geological Survey	11/16/1982
LA30	Southeast Research Station	U.S. Geological Survey	1/18/1983
MA01	North Atlantic Coastal Lab	NPS-Air Resources Division	12/15/1981
MA08	Quabbin Reservoir	Northeast States for Coordinated Air Use Management	3/5/1982
MA14	Nantucket	Nantucket Land Council, Inc.	3/4/2014

NTN

Site ID	Site Name	Site Sponsor	Start Date
MA22	Boston University	Boston University	6/16/2015
MA98	Arnold Arboretum	Boston University	2/9/2016
MD08	Piney Reservoir	Maryland Department of Natural Resources	6/29/2004
MD13	Wye	University of Maryland-State Agricultural Experiment Station	3/8/1983
MD15	Smith Island	National Oceanic and Atmospheric Administration - Air Resources Laboratory	6/1/2004
MD18	Assateague Island National Seashore-Woodcock	Maryland Department of Natural Resources	9/5/2000
MD99	Beltsville	Maryland Department of Natural Resources	6/1/2004
ME00	Caribou	U.S. Environmental Protection Agency/ Maine Department of Environmental Protection	4/14/1980
ME02	Bridgton	U.S. Environmental Protection Agency/ Maine Department of Environmental Protection	9/30/1980
ME04	Carrabassett Valley	U.S. Environmental Protection Agency - Clean Air Markets	3/12/2002
ME08	Gilead	U.S. Geological Survey	9/28/1999
ME09	Greenville Station	Maine Department of Environmental Protection/ Maine Department of Environmental Protection	11/20/1979
ME94	Indian Township	Passamaquoddy Tribe/ U.S. Environmental Protection Agency/	10/3/2013
ME96	Casco Bay-Wolfe's Neck Farm	Maine Department of Environmental Protection/ U.S. Environmental Protection Agency	1/6/1998
ME98	Acadia National Park-McFarland Hill	NPS-Air Resources Division	11/10/1981
MI09	Douglas Lake	Michigan State University-State Agricultural Experiment Station	7/3/1979
MI26	Kellogg Biological Station	Michigan State University-State Agricultural Experiment Station	6/26/1979
MI48	Seney National Wildlife Refuge-Headquarters	USFWS-Air Quality Branch	11/28/2000
MI51	Unionville	U.S. Environmental Protection Agency - Clean Air Markets	1/26/1999
MI52	Ann Arbor	U.S. Environmental Protection Agency - Clean Air Markets	1/26/1999
MI53	Wellston	U.S. Forest Service	10/10/1978
MI99	Chassell	U.S. Forest Service	2/15/1983
MN01	Cedar Creek	Minnesota Pollution Control Agency	12/31/1996

NTN

Site ID	Site Name	Site Sponsor	Start Date
MN08	Hovland	Minnesota Pollution Control Agency	12/31/1996
MN16	Marcell Experimental Forest	U.S. Forest Service	7/6/1978
MN18	Fernberg	U.S. Environmental Protection Agency - Clean Air Markets	11/18/1980
MN23	Camp Ripley	U.S. Geological Survey	10/18/1983
MN27	Lamberton	Minnesota Pollution Control Agency	1/2/1979
MN28	Grindstone Lake	Minnesota Pollution Control Agency	12/31/1996
MN32	Voyageurs National Park- Sullivan Bay	NPS-Air Resources Division	5/30/2000
MN99	Wolf Ridge	Minnesota Pollution Control Agency	12/31/1996
MO03	Ashland Wildlife Area	U.S. Geological Survey	10/20/1981
MO05	University Forest	U.S. Geological Survey	10/27/1981
MS10	Clinton	U.S. Geological Survey	7/10/1984
MS12	Grand Bay NERR	National Oceanic and Atmospheric Administration - Air Resources Laboratory	3/9/2010
MS19	Newton	National Oceanic and Atmospheric Administration - Air Resources Laboratory	11/11/1986
MS30	Coffeeville	U.S. Forest Service	7/17/1984
MT00	Little Bighorn Battlefield National Monument	U.S. Geological Survey	7/13/1984
MT05	Glacier National Park-Fire Weather Station	NPS-Air Resources Division	6/3/1980
MT07	Clancy	U.S. Geological Survey	1/24/1984
MT96	Poplar River	Fort Peck Assiniboine & Sioux Tribes	12/21/1999
MT97	Lost Trail Pass	U.S. Forest Service	9/25/1990
MT98	Havre - Northern Agricultural Research Center	U.S. Geological Survey	7/30/1985
NC03	Lewiston	North Carolina State University	10/31/1978
NC06	Beaufort	U.S. Environmental Protection Agency - Clean Air Markets	1/26/1999
NC17	University Research Farm	U.S. Department of Energy	1/30/2015
NC25	Coweeta	U.S. Forest Service	7/5/1978
NC29	Hofmann Forest	North Carolina State University	7/2/2002
NC34	Piedmont Research Station	North Carolina State University	10/17/1978
NC35	Clinton Crops Research Station	North Carolina State University	10/24/1978
NC36	Jordan Creek	U.S. Geological Survey	10/18/1983

NTN

Site ID	Site Name	Site Sponsor	Start Date
NC41	Finley Farm	North Carolina State University	10/3/1978
NC45	Mt. Mitchell	U.S. Environmental Protection Agency - Clean Air Markets / North Carolina State University	11/26/1985
ND00	Theodore Roosevelt National Park- Painted Canyon	NPS-Air Resources Division	1/30/2001
ND08	Icelandic State Park	U.S. Geological Survey	10/25/1983
ND11	Woodworth	U.S. Geological Survey	11/29/1983
NE15	Mead	University of Nebraska-State Agricultural Experiment Station	7/25/1978
NE99	North Platte Agricultural Experiment Station	U.S. Geological Survey	9/24/1985
NH02	Hubbard Brook	U.S. Forest Service	7/25/1978
NJ00	Edwin B. Forsythe National Wildlife Refuge	USFWS-Air Quality Branch	10/13/1998
NJ39	Cattus Island County Park	U.S. Environmental Protection Agency - Clean Air Markets	12/4/2012
NJ99	Washington Crossing	U.S. Environmental Protection Agency - Clean Air Markets	8/4/1981
NM07	Bandelier National Monument	NPS-Air Resources Division	6/22/1982
NM08	Mayhill	U.S. Geological Survey	1/24/1984
NV03	Smith Valley	U.S. Geological Survey	8/7/1985
NV05	Great Basin National Park- Lehman Caves	NPS-Air Resources Division	1/15/1985
NY01	Alfred	U.S. Geological Survey	8/17/2004
NY06	Bronx	New York State Energy Research & Development Authority	1/22/2013
NY08	Aurora Research Farm	Cornell University	4/17/1979
NY10	Chautauqua	U.S. Geological Survey	6/10/1980
NY20	Huntington Wildlife	New York State Energy Research & Development Authority	10/31/1978
NY22	Akwesasne Mohawk-Fort Covington	U.S. Environmental Protection Agency - Clean Air Markets	8/18/1999
NY28	Piseco Lake	New York State Energy Research & Development Authority	12/31/2012

NTN

Site ID	Site Name	Site Sponsor	Start Date
NY43	Rochester	New York State Energy Research & Development Authority	4/30/2013
NY52	Bennett Bridge	U.S. Environmental Protection Agency - Clean Air Markets	6/10/1980
NY59	Wanakena	New York State Energy Research & Development Authority	1/2/2013
NY67	Ithaca	National Oceanic and Atmospheric Administration - Air Resources Laboratory	1/2/2018
NY68	Biscuit Brook	U.S. Geological Survey	10/11/1983
NY92	Amherst	New York State Energy Research & Development Authority	10/29/2013
NY93	Paul Smith's	New York State Energy Research & Development Authority	1/1/2013
NY94	Nick's Lake	New York State Energy Research & Development Authority	11/3/2015
NY96	Cedar Beach-Southold	U.S. Environmental Protection Agency/ County of Suffolk-Department of Health Services-Peconic Estuary Program	11/25/2003
NY98	Whiteface Mountain	U.S. Geological Survey	7/3/1984
NY99	West Point	U.S. Geological Survey	9/13/1983
OH09	Oxford	U.S. Geological Survey	8/14/1984
OH17	Delaware	U.S. Forest Service	10/3/1978
OH49	Caldwell	U.S. Geological Survey	9/26/1978
OH54	Deer Creek State Park	U.S. Environmental Protection Agency - Clean Air Markets	1/26/1999
OH71	Wooster	U.S. Geological Survey	9/26/1978
OK00	Salt Plains National Wildlife Refuge	U.S. Geological Survey	12/13/1983
OK17	Kessler Atmospheric and Ecological Field Station	National Oceanic and Atmospheric Administration - Air Resources Laboratory	3/29/1983
OK29	Goodwell Research Station	U.S. Geological Survey	1/8/1985
OR09	Silver Lake Ranger Station	U.S. Geological Survey	8/23/1983
OR10	H. J. Andrews Experimental Forest	U.S. Forest Service	5/13/1980
OR18	Starkey Experimental Forest	U.S. Geological Survey	3/6/1984
OR97	Hyslop Farm	U.S. Environmental Protection Agency - Clean Air Markets	4/26/1983
PA00	Arendtsville	U.S. Environmental Protection Agency - Clean Air Markets	1/26/1999

NTN

Site ID	Site Name	Site Sponsor	Start Date
PA13	Allegheny Portage Railroad National Historic Site	Pennsylvania Department of Environmental Protection/ Pennsylvania State University	7/26/2011
PA15	Penn State	National Oceanic and Atmospheric Administration - Air Resources Laboratory/ Pennsylvania Game Commission	6/7/1983
PA18	Young Woman's Creek	U.S. Geological Survey	4/20/1999
PA29	Kane Experimental Forest	U.S. Forest Service	7/18/1978
PA30	Erie	Pennsylvania State University/ Pennsylvania Department of Environmental Protection	7/27/2011
PA42	Leading Ridge	Pennsylvania State University-State Agricultural Experiment Station-	4/25/1979
PA72	Milford	U.S. Forest Service	12/27/1983
PA90	Hills Creek State Park	Pennsylvania Department of Environmental Protection/ Pennsylvania State University	7/26/2011
PR20	El Verde	U.S. Forest Service	2/12/1985
SC05	Cape Romain National Wildlife Refuge	USFWS-Air Quality Branch	11/21/2000
SC06	Santee National Wildlife Refuge	U.S. Geological Survey	7/19/1984
SD04	Wind Cave National Park-Elk Mountain	NPS-Air Resources Division	11/5/2002
SD08	Cottonwood	U.S. Geological Survey	10/11/1983
SD99	Huron Well Field	U.S. Geological Survey	11/29/1983
SK20	Cactus Lake	Saskatchewan Ministry of Environment	2/14/2012
SK21	Hudson Bay	Saskatchewan Ministry of Environment	4/30/2012
SK30	Weyburn	Saskatchewan Ministry of Environment	6/7/2016
SK31	Fox Valley	Saskatchewan Ministry of Environment	6/14/2016
TN04	Speedwell	U.S. Environmental Protection Agency - Clean Air Markets	1/26/1999
TN11	Great Smoky Mountains National Park-Elkmont	NPS-Air Resources Division	8/12/1980
TN14	Hatchie National Wildlife Refuge	U.S. Geological Survey	10/2/1984
TX02	Muleshoe National Wildlife Refuge	U.S. Geological Survey	6/18/1985
TX03	Beeville	U.S. Geological Survey	2/7/1984

NTN

Site ID	Site Name	Site Sponsor	Start Date
TX04	Big Bend National Park - K- Bar	NPS-Air Resources Division	4/10/1980
TX10	Attwater Prairie Chicken National Wildlife Refuge	U.S. Geological Survey	7/3/1984
TX16	Sonora	U.S. Geological Survey	6/26/1984
TX22	Guadalupe Mountains National Park Frijole Ranger Station	U.S. Geological Survey	6/5/1984
TX43	Cañonceta	U.S. Environmental Protection Agency - Clean Air Markets	7/24/2007
TX56	L.B.J. National Grasslands	U.S. Geological Survey	9/20/1983
UT01	Logan	U.S. Geological Survey	12/6/1983
UT09	Canyonlands National Park- Island in the Sky	NPS-Air Resources Division	11/11/1997
UT95	East McKee	U.S. Forest Service	12/5/2017
UT98	Green River	U.S. Geological Survey	4/25/1985
UT99	Bryce Canyon National Park- Repeater Hill	NPS-Air Resources Division	1/29/1985
VA00	Charlottesville	U.S. Geological Survey	10/2/1984
VA13	Horton's Station	U.S. Environmental Protection Agency - Clean Air Markets	7/25/1978
VA24	Prince Edward	U.S. Environmental Protection Agency - Clean Air Markets	1/26/1999
VA28	Shenandoah National Park-Big Meadows	NPS-Air Resources Division	5/12/1981
VA99	Natural Bridge Station	USFS - Air Program	7/2/2002
VI01	Virgin Islands National Park- Lind Point	NPS-Air Resources Division	4/14/1998
VT01	Bennington	U.S. Geological Survey	4/28/1981
VT99	Underhill	U.S. Geological Survey	6/12/1984
WA14	Olympic National Park-Hoh Ranger Station	NPS-Air Resources Division	5/20/1980
WA19	North Cascades National Park- Marblemount Ranger Station	U.S. Geological Survey	2/7/1984

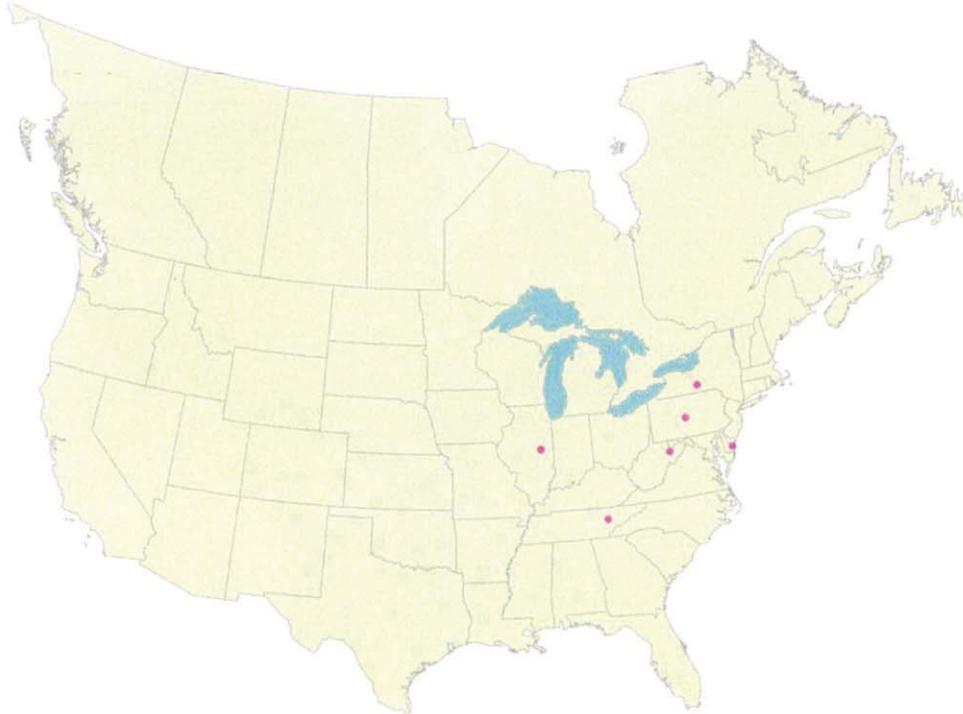
NTN

Site ID	Site Name	Site Sponsor	Start Date
WA21	La Grande	U.S. Environmental Protection Agency - Clean Air Markets	4/24/1984
WA24	Palouse Conservation Farm	U.S. Geological Survey	8/20/1985
WA98	Columbia River Gorge	USFS - Pacific Northwest Region	5/7/2002
WA99	Mount Rainier National Park- Tahoma Woods	NPS-Air Resources Division	10/26/1999
WI08	Brule River	Wisconsin Department of Natural Resources	4/22/2014
WI10	Potawatomi	Forest County Potawatomi Community	6/7/2005
WI31	Devil's Lake	Wisconsin Department of Natural Resources	1/7/2014
WI35	Perkinstown	U.S. Environmental Protection Agency - Clean Air Markets	1/26/1999
WI36	Trout Lake	Wisconsin Department of Natural Resources	1/22/1980
WI37	Spooner	U.S. Forest Service	6/3/1980
WV04	Babcock State Park	U.S. Geological Survey	9/6/1983
WV05	Cedar Creek State Park	U.S. Environmental Protection Agency - Clean Air Markets	1/26/1999
WV18	Parsons	U.S. Forest Service	7/5/1978
WY00	Snowy Range	U.S. Forest Service	4/22/1986
WY02	Sinks Canyon	U.S. Bureau of Land Management	8/21/1984
WY06	Pinedale	U.S. Bureau of Land Management	1/26/1982
WY08	Yellowstone National Park- Tower Falls	NPS-Air Resources Division	6/5/1980
WY94	Grand Tetons National Park	Wyoming Department of Environmental Quality	9/27/2011
WY95	Brooklyn Lake	U.S. Forest Service	9/22/1992
WY97	South Pass City	Bridger-Teton National Forest	4/30/1985
WY98	Gypsum Creek	Bridger-Teton National Forest	12/26/1984
WY99	Newcastle	U.S. Bureau of Land Management	8/11/1981

National Atmospheric Deposition Program

Atmospheric Integrated Research Monitoring Network (AIRMoN)

大氣整合研究監測網 (4個測站)



Sites Active in 2017

AIRMoN 測站及開始監測日期

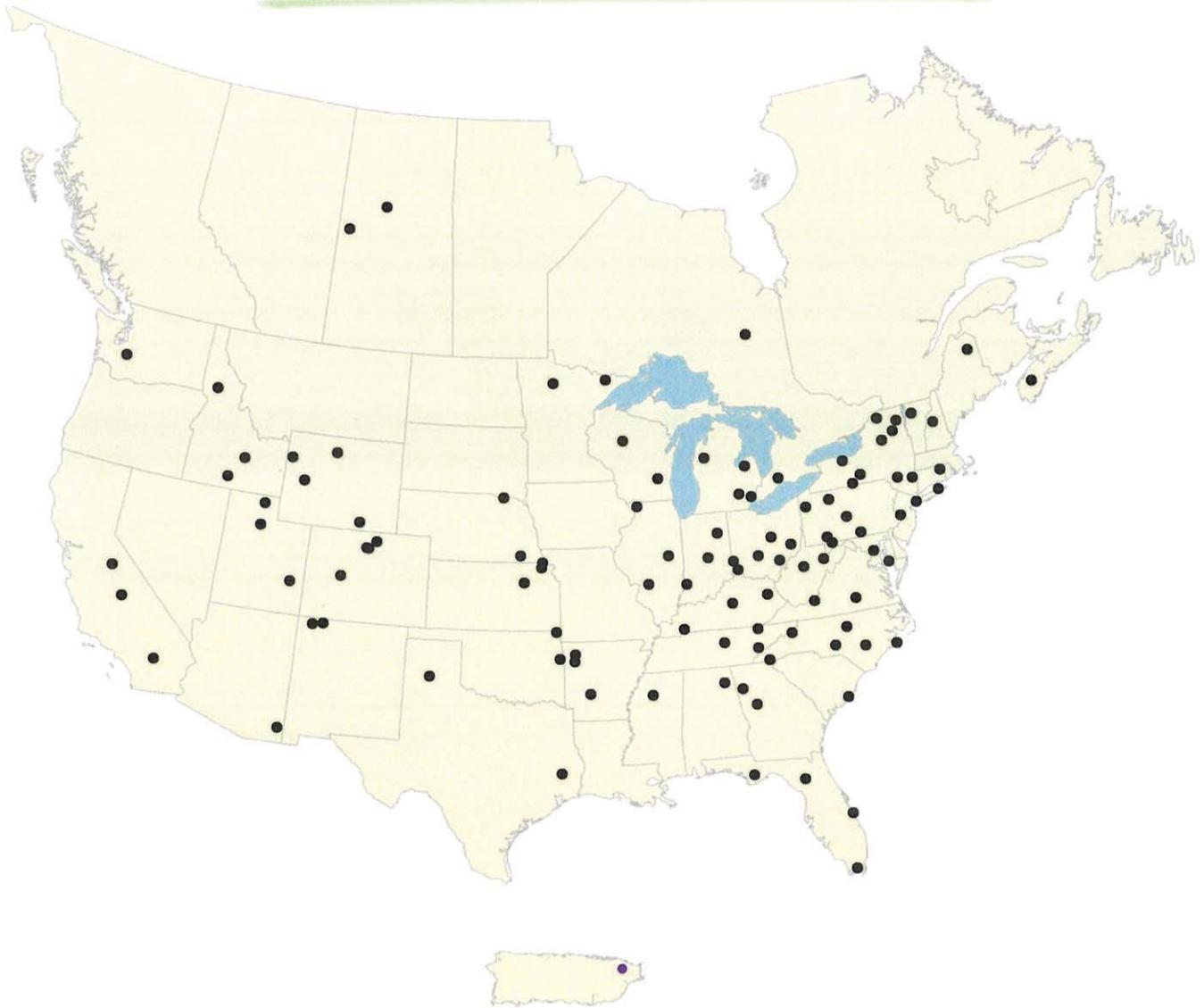
AIRMoN

Site ID	Site Name	Site Sponsor	Start Date
NY67	Ithaca	National Oceanic and Atmospheric Administration - Air Resources Laboratory	9/30/1992
PA15	Penn State	National Oceanic and Atmospheric Administration - Air Resources Laboratory	10/6/1992
TN00	Walker Branch Watershed	National Oceanic and Atmospheric Administration - Air Resources Laboratory	9/23/1992
WV99	Canaan Valley Institute	National Oceanic and Atmospheric Administration - Air Resources Laboratory	6/1/2000

National Atmospheric Deposition Program

Ammonia Monitoring Network (AMoN)

氨監測網 (101個測站)



Puerto Rico

Sites Active in 2017

AMoN 测站及开始监测日期

AMoN

Site ID	Site Name	Site Sponsor	Start Date
AL99	Sand Mountain Research & Extension Center	U.S. Environmental Protection Agency - Clean Air Markets	3/29/2011
AR03	Caddo Valley	U.S. Environmental Protection Agency - Clean Air Markets	3/1/2011
AR09	Rambo Hill	U.S. Department of Agriculture - Agricultural Research Service	10/6/2015
AR15	LC Farms	U.S. Department of Agriculture - Agricultural Research Service	10/6/2015
AZ98	Chiricahua	NPS-Air Resources Division	3/22/2011
CA44	Yosemite NP - Turtleback Dome	NPS-Air Resources Division	3/15/2011
CA67	Joshua Tree National Park- Black Rock	NPS-Air Resources Division	3/1/2011
CA83	Sequoia NP - Ash Mountain	NPS-Air Resources Division	3/22/2011
CO10	Gothic	U.S. Environmental Protection Agency - Clean Air Markets	9/11/2012
CO13	Fort Collins	U.S. Environmental Protection Agency - Clean Air Markets	11/27/2007
CO88	Rocky Mountain National Park - Longs Peak	NPS-Air Resources Division	5/10/2011
CO98	Rocky Mountain National Park- Loch Vale	NPS-Air Resources Division	5/10/2011
CT15	Abington	U.S. Environmental Protection Agency - Clean Air Markets	3/29/2011
FL11	Everglades National Park- Research Center	NPS-Air Resources Division	3/15/2011
FL19	Indian River	U.S. Environmental Protection Agency - Clean Air Markets	4/26/2011
FL23	Sumatra	U.S. Environmental Protection Agency - Clean Air Markets	1/13/2015
GA41	Georgia Station	U.S. Environmental Protection Agency - Clean Air Markets	6/7/2011
ID03	Craters of the Moon National Monument	NPS-Air Resources Division	6/7/2010
ID07	Nez Perce	U.S. Environmental Protection Agency - Clean Air Markets	12/15/2015
IL11	Bondville	U.S. Environmental Protection Agency - Clean Air Markets	10/30/2007
IL37	Stockton	U.S. Environmental Protection Agency - Clean Air Markets	4/26/2011

AMoN

Site ID	Site Name	Site Sponsor	Start Date
IL46	Alhambra	U.S. Environmental Protection Agency - Clean Air Markets	3/3/2011
IN20	Roush Lake	U.S. Environmental Protection Agency - Clean Air Markets	1/13/2015
IN22	Southwest Purdue Agriculture Center	U.S. Environmental Protection Agency - Clean Air Markets	1/13/2015
IN99	Indianapolis	U.S. Environmental Protection Agency - Clean Air Markets	10/30/2007
KS03	Reserve	Kansas Department of Health and Environment	10/11/2011
KS31	Konza Prairie	U.S. Environmental Protection Agency - Clean Air Markets	3/1/2011
KS97	Kickapoo Tribe - Powhattan	U.S. Environmental Protection Agency - Clean Air Markets	1/13/2015
KY03	Mackville	U.S. Environmental Protection Agency - Clean Air Markets	3/1/2011
KY29	Crockett	U.S. Environmental Protection Agency - Clean Air Markets	1/13/2015
KY98	Cadiz	U.S. Environmental Protection Agency - Clean Air Markets	3/15/2011
MD06	Blackwater NWR	U.S. Environmental Protection Agency - Clean Air Markets	1/20/2015
MD08	Piney Reservoir	Maryland Department of Natural Resources	8/3/2010
MD99	Beltsville	Maryland Department of Natural Resources	8/3/2010
ME93	Ashland	U.S. Environmental Protection Agency - Clean Air Markets	1/13/2015
MI51	Unionville	U.S. Environmental Protection Agency - Clean Air Markets	1/18/2015
MI52	Ann Arbor	U.S. Environmental Protection Agency - Clean Air Markets	2/3/2015
MI95	Hoxeyville	U.S. Environmental Protection Agency - Clean Air Markets	1/13/2015
MI96	Detroit	U.S. Environmental Protection Agency - Clean Air Markets	10/29/2007
MN02	Red Lake	U.S. Environmental Protection Agency - Clean Air Markets	1/13/2015
MN18	Fernberg	U.S. Environmental Protection Agency - Clean Air Markets	10/30/2007
MS30	Coffeeville	U.S. Environmental Protection Agency - Clean Air Markets	1/6/2015
NC02	Cranberry	U.S. Environmental Protection Agency - Clean Air Markets	1/13/2015
NC06	Beaufort	U.S. Environmental Protection Agency - Clean Air Markets	4/27/2010

AMoN

Site ID	Site Name	Site Sponsor	Start Date
NC25	Coweeta	U.S. Environmental Protection Agency - Clean Air Markets	5/24/2011
NC26	Candor	U.S. Environmental Protection Agency - Clean Air Markets	4/26/2011
NC30	Duke Forest	U.S. Environmental Protection Agency - Clean Air Markets	6/24/2008
NC35	Clinton Crops Research Station	U.S. Environmental Protection Agency - Clean Air Markets	8/5/2008
NC98	Duke Forest Flux Tower	U.S. Environmental Protection Agency - Clean Air Markets	8/21/2018
NE09	Homestead	National Park Service	7/26/2016
NE98	Santee	U.S. Environmental Protection Agency - Clean Air Markets	4/26/2011
NH02	Hubbard Brook	U.S. Environmental Protection Agency - Clean Air Markets	6/5/2012
NJ98	Washington Crossing CASTNET	U.S. Environmental Protection Agency - Clean Air Markets	3/1/2011
NM98	Navajo Lake	U.S. Environmental Protection Agency - Clean Air Markets	1/11/2008
NM99	Farmington	U.S. Environmental Protection Agency - Clean Air Markets	1/9/2008
NS01	Kejimkujik National Park	Environment Canada	10/8/2013
NY16	Cary Institute	Cary Institute	10/13/2009
NY20	Huntington Wildlife	U.S. Environmental Protection Agency - Clean Air Markets	6/5/2012
NY67	Ithaca	U.S. Environmental Protection Agency - Clean Air Markets	10/30/2007
NY91	Claryville	U.S. Environmental Protection Agency - Clean Air Markets	1/13/2015
NY94	Nick's Lake	U.S. Environmental Protection Agency - Clean Air Markets	11/20/2012
NY98	Whiteface Mountain	U.S. Environmental Protection Agency - Clean Air Markets	11/20/2012
OH02	Athens Super Site	U.S. Environmental Protection Agency - Clean Air Markets	10/30/2007
OH09	Oxford	U.S. Environmental Protection Agency - Clean Air Markets	1/13/2015
OH27	Cincinnati	U.S. Environmental Protection Agency - Clean Air Markets	10/30/2007
OH54	Deer Creek State Park	U.S. Environmental Protection Agency - Clean Air Markets	3/1/2011
OH99	Quaker City	U.S. Environmental Protection Agency - Clean Air Markets	1/13/2015
OK98	Quapaw	U.S. Environmental Protection Agency	10/6/2015
OK99	Stilwell	U.S. Environmental Protection Agency - Clean Air Markets	10/30/2007

AMoN

Site ID	Site Name	Site Sponsor	Start Date
PA00	Arendtsville	U.S. Environmental Protection Agency - Clean Air Markets	10/13/2009
PA29	Kane Experimental Forest	U.S. Environmental Protection Agency - Clean Air Markets	3/8/2011
PA56	M. K. Goddard	U.S. Environmental Protection Agency - Clean Air Markets	12/30/2014
PA96	Penn State - Fairbrook Park	U.S. Environmental Protection Agency - Clean Air Markets	1/13/2015
PA97	Laurel Hill	U.S. Environmental Protection Agency - Clean Air Markets	7/17/2015
PR20	El Verde	U.S. Forest Service	3/4/2014
SC05	Cape Romain National Wildlife Refuge	U.S. Environmental Protection Agency - Clean Air Markets	10/30/2007
TN01	Great Smoky Mountains NP - Look Rock	NPS-Air Resources Division	3/15/2011
TN04	Speedwell	U.S. Environmental Protection Agency - Clean Air Markets	1/13/2015
TN07	Edgar Evins	U.S. Environmental Protection Agency - Clean Air Markets	1/13/2015
TX41	Alabama- Coushatta	U.S. Environmental Protection Agency - Clean Air Markets	1/13/2015
TX43	Cañonceta	U.S. Environmental Protection Agency - Clean Air Markets	10/30/2007
UT01	Logan	Utah Department of Environmental Quality	11/8/2011
UT09	Canyonlands National Park- Island in the Sky	NPS-Air Resources Division	5/6/2014
UT97	Salt Lake City	Utah Department of Environmental Quality	11/8/2011
VA13	Horton's Station	U.S. Environmental Protection Agency - Clean Air Markets	1/13/2015
VA24	Prince Edward	U.S. Environmental Protection Agency - Clean Air Markets	3/1/2011
VT99	Underhill	U.S. Environmental Protection Agency - Clean Air Markets	11/20/2012
WA99	Mount Rainier National Park- Tahoma Woods	NPS-Air Resources Division	3/16/2011
WI07	Horicon Marsh	U.S. Environmental Protection Agency - Clean Air Markets	10/30/2007
WI35	Perkinstown	U.S. Environmental Protection Agency - Clean Air Markets	3/29/2011
WV05	Cedar Creek State Park	U.S. Environmental Protection Agency - Clean Air Markets	1/13/2015

AMoN

Site ID	Site Name	Site Sponsor	Start Date
WV18	Parsons	U.S. Environmental Protection Agency - Clean Air Markets	6/7/2011
WY06	Pinedale	U.S. Environmental Protection Agency - Clean Air Markets	1/14/2015
WY93	Basin - Big Horn	U.S. Bureau of Land Management/ Air Resource Specialists	6/2/2015
WY94	Grand Tetons National Park	NPS-Air Resources Division	9/22/2011
WY95	Brooklyn Lake	U.S. Environmental Protection Agency - Clean Air Markets	6/19/2012

National Atmospheric Deposition Program

Mercury Deposition Network (MDN)

雨水汞監測網 (99個測站)



Sites active in 2017

MDN 測站及開始監測日期

MDN

Site ID	Site Name	Site Sponsor	Start Date
AB14	Genesee	Jacques Whitford Stantec Axys Limited	7/18/2006
AB33	Fort McKay South	Environment Canada	-
AK96	Toolik Field Station	University of Alaska Fairbanks	10/10/2017
AK98	Kodiak	State of Alaska Department of Environmental Conservation	9/18/2007
BC16	Saturna Island	Environment Canada	9/1/2009
CA75	Sequoia National Park-Giant Forest	NPS-Air Resources Division	7/22/2003
CA94	Converse Flats	U.S. Forest Service	4/20/2006
CO96	Molas Pass	U.S. Bureau of Land Management	6/30/2009
CO97	Buffalo Pass - Summit Lake	U.S. Forest Service	9/29/1998
CO99	Mesa Verde National Park- Chapin Mesa	NPS-Air Resources Division	12/26/2001
FL05	Chassahowitzka National Wildlife Refuge	USFWS-Air Quality Branch	7/1/1997
FL11	Everglades National Park- Research Center	South Florida Water Management District	3/5/1996
FL95	Everglades - South Palm Beach County	South Florida Water Management District	4/7/2015
FL97	Everglades- Western Broward County	South Florida Water Management District	11/8/2006
GA09	Okefenokee National Wildlife Refuge	USFWS-Air Quality Branch	7/29/1997
IL11	Bondville	Illinois State Water Survey	1/6/1999
IN21	Clifty Falls State Park	Lake Michigan Air Directors Consortium	1/12/2001
IN22	Southwest Purdue Agriculture Center	Lake Michigan Air Directors Consortium	12/31/2013
IN34	Indiana Dunes National Lakeshore	Lake Michigan Air Directors Consortium	10/27/2000
KS03	Reserve	Kansas Department of Health and Environment	1/2/2008
KS05	Coffey County Lake	Kansas Department of Health and Environment	12/30/2008
KS24	Glen Elder State Park	Kansas Department of Health and Environment	5/27/2008

MDN

Site ID	Site Name	Site Sponsor	Start Date
KS32	Lake Scott State Park	Kansas Department of Health and Environment	6/10/2008
KY10	Mammoth Cave National Park-Houchin Meadow	NPS-Air Resources Division	8/27/2002
MA01	North Atlantic Coastal Lab	National Park Service-Cape Cod National Seashore	7/29/2003
MD00	Smithsonian Environmental Research Center	Smithsonian Environmental Research Center/ Maryland Department of Natural Resources	12/7/2006
MD08	Piney Reservoir	University of Maryland - Appalachian Laboratory/ Maryland Department of Natural Resources	6/29/2004
MD99	Beltsville	University of Maryland	6/1/2004
MD99	Beltsville	Maryland Department of Natural Resources	6/1/2004
ME00	Caribou	EPA/Maine Dept. of Environmental Protection	5/9/2007
ME02	Bridgton	Maine Department of Environmental Protection/ U.S. Environmental Protection Agency	6/3/1997
ME04	Carrabassett Valley	Penobscot Indian Nation/ U.S. Environmental Protection Agency	2/17/2009
ME09	Greenville Station	U.S. Environmental Protection Agency/ Maine Department of Environmental Protection	9/3/1996
ME96	Casco Bay-Wolfe's Neck Farm	Maine Department of Environmental Protection/ U.S. Environmental Protection Agency	1/6/1998
ME98	Acadia National Park-McFarland Hill	Acadia National Park/ U.S. Environmental Protection Agency	3/5/1996
ME98	Acadia National Park-McFarland Hill	Maine Department of Environmental Protection	3/5/1996
MI09	Douglas Lake	Lake Michigan Air Directors Consortium	12/31/2013
MI48	Seney National Wildlife Refuge-Headquarters	USFWS-Air Quality Branch	11/11/2003
MI52	Ann Arbor	Lake Michigan Air Directors Consortium	12/31/2013
MN06	Leech Lake	Leech Lake Band of Ojibwe	6/23/2014
MN16	Marcell Experimental Forest	Minnesota Pollution Control Agency/ Northern Research Station	2/27/1996
MN18	Fernberg	Minnesota Pollution Control Agency	3/5/1996
MN23	Camp Ripley	Minnesota Pollution Control Agency	7/2/1996
MN27	Lamberton	Minnesota Pollution Control Agency	7/2/1996

MDN

Site ID	Site Name	Site Sponsor	Start Date
MO46	Mingo National Wildlife Refuge	U.S. Fish and Wildlife Service	3/26/2002
MS12	Grand Bay NERR	Mississippi Department of Environmental Quality/ Northern Research Station	3/9/2010
MT05	Glacier National Park-Fire Weather Station	NPS-Air Resources Division	10/28/2003
MT95	Badger Peak	Northern Cheyenne Tribe	11/2/2010
NC08	Waccamaw State Park	North Carolina Department of Environment and Natural Resources, Division of Air Quality	2/27/1996
NC17	University Research Farm	U.S. Department of Energy	1/30/2015
NC26	Candor	North Carolina Department of Environment and Natural Resources, Division of Air Quality	11/8/2005
ND01	Lostwood National Wildlife Refuge	U.S. Fish and Wildlife Service	11/25/2003
NE15	Mead	Nebraska Department of Environmental Quality	6/26/2007
NE98	Santee	Santee Sioux Nation of Nebraska/ U.S. Environmental Protection Agency	10/1/2013
NF19	Stephenville	Environment Canada	2/23/2010
NJ30	New Brunswick	New Jersey Department of Environmental Protection	1/17/2006
NS01	Kejimikujik National Park	Environment Canada	7/2/1996
NY06	Bronx	New York State Department of Environmental Conservation	1/9/2008
NY20	Huntington Wildlife	U.S. Environmental Protection Agency/ New York State Energy Research & Development Authority	12/10/1999
NY43	Rochester	New York State Energy Research & Development Authority	1/8/2008
NY68	Biscuit Brook	New York State Energy Research & Development Authority	3/9/2004
NY96	Cedar Beach-Southold	New York State Energy Research & Development Authority	9/24/2013
OH02	Athens Super Site	Lake Michigan Air Directors Consortium	12/28/2004
OH52	South Bass Island	Lake Michigan Air Directors Consortium	5/8/2014
OK01	McGee Creek	Oklahoma Department of Environmental Quality	10/31/2006
OK04	Lake Murray	Oklahoma Department of Environmental Quality	10/30/2007
OK05	Hugo	U.S. Environmental Protection Agency	12/19/2017
OK06	Wichita Mountains NWR	Oklahoma Department of Environmental Quality	11/20/2007

MDN

Site ID	Site Name	Site Sponsor	Start Date
OK31	Copan	Oklahoma Department of Environmental Quality	10/24/2006
OK97	Tuskahoma	U.S. Environmental Protection Agency	12/27/2017
OK99	Stilwell	U.S. Environmental Protection Agency/ Cherokee Nation	4/29/2003
ON07	Egbert	Environment Canada	3/7/2000
PA00	Arendtsville	Pennsylvania Department of Environmental Protection/ Pennsylvania State University	11/14/2000
PA13	Allegheny Portage Railroad National Historic Site	Pennsylvania State University/ Pennsylvania Department of Environmental Protection	1/7/1997
PA18	Young Woman's Creek	Pennsylvania State University	10/22/2013
PA30	Erie	Pennsylvania State University/ Pennsylvania Department of Environmental Protection	6/20/2000
PA42	Leading Ridge	Pennsylvania State University/ Pennsylvania Department of Environmental Protection	3/2/2010
PA90	Hills Creek State Park	Pennsylvania State University/ Pennsylvania Department of Environmental Protection	1/7/1997
PR20	El Verde	U.S. Geological Survey	8/6/2014
SC05	Cape Romain National Wildlife Refuge	USFWS-Air Quality Branch	3/2/2004
SC19	Congaree Swamp	South Carolina Department of Health and Environmental Control	3/5/1996
SD18	Eagle Butte	U.S. Environmental Protection Agency/ Cheyenne River Sioux Tribe Environmental Protection Department	3/21/2007
SK27	Pinehouse	Environment Canada	5/14/2015
TN11	Great Smoky Mountains National Park-Elkmont	NPS-Air Resources Division	1/30/2002
TN12	Great Smoky Mountains National Park-Clingmans Dome	NPS-Air Resources Division	4/28/2015
VA28	Shenandoah National Park-Big Meadows	NPS-Air Resources Division	10/22/2002
VT99	Underhill	National Oceanic and Atmospheric Administration - Air Resources Laboratory/ University of Vermont - Rubinstein School of Environment & Natural Resources	7/27/2004

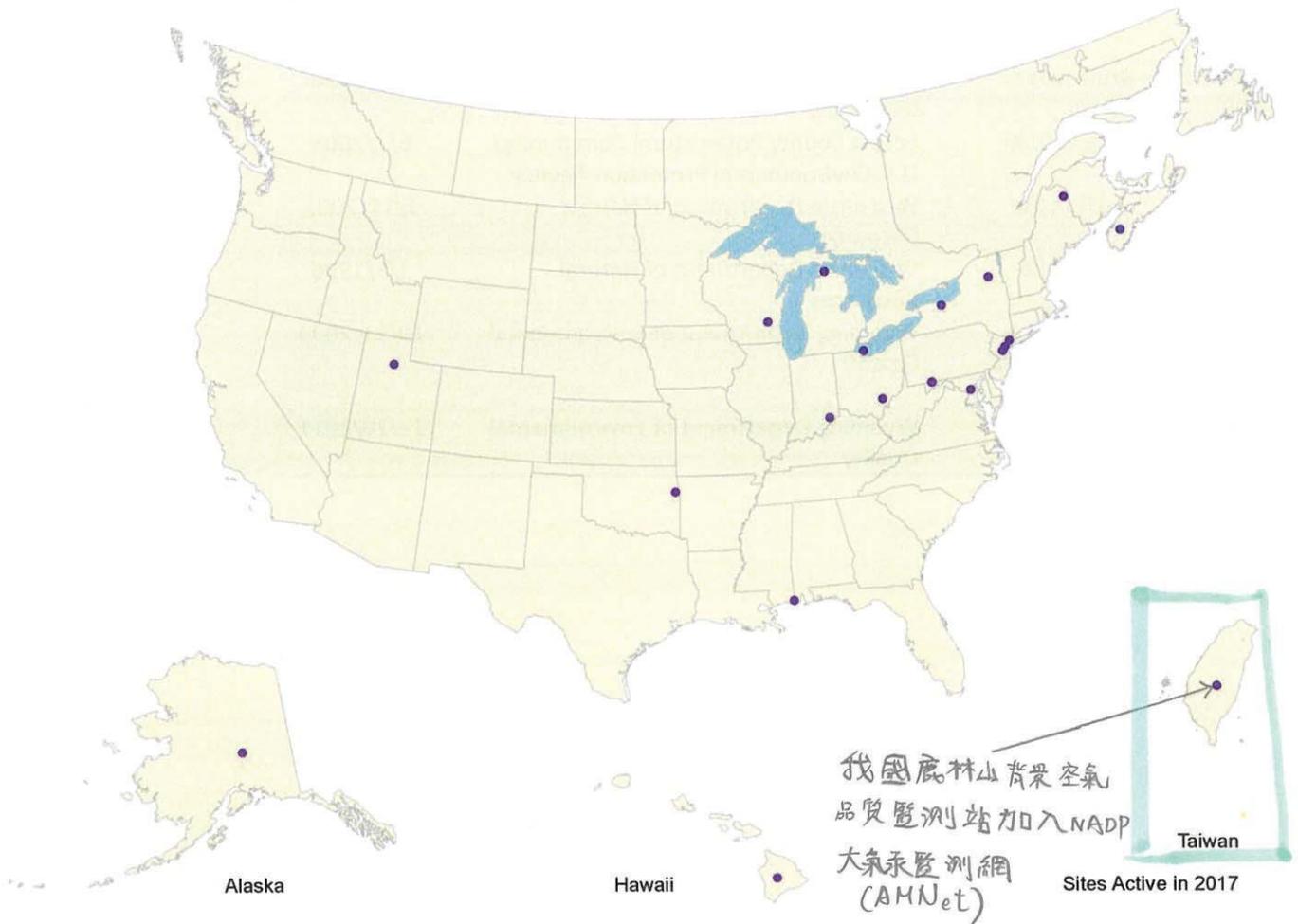
MDN

Site ID	Site Name	Site Sponsor	Start Date
VT99	Underhill		7/27/2004
WA03	Makah National Fish Hatchery	Eurofins Frontier Global Sciences/ Washington State Department of Ecology	3/2/2007
WA18	Seattle/NOAA	NADP PO/ Washington State Department of Ecology	3/19/1996
WI08	Brule River	Wisconsin Department of Natural Resources	3/5/1996
WI10	Potawatomi	Forest County Potawatomi Community/ U.S. Environmental Protection Agency	6/7/2005
WI31	Devil's Lake	Wisconsin Department of Natural Resources	1/11/2001
WI36	Trout Lake	Wisconsin Department of Natural Resources	3/5/1996
WY08	Yellowstone National Park-Tower Falls	Wyoming Department of Environmental Quality	10/21/2004
WY26	Roundtop Mountain	Wyoming Department of Environmental Quality	12/20/2011

National Atmospheric Deposition Program

Atmospheric Mercury Network (AMNet)

大氣汞監測網 (18個測站)



AMNet 測站及開始監測日期

AMNet

Site ID	Site Name	Site Sponsor	Start Date
AK03	Denali National Park-Mt. McKinley	NPS-Air Resources Division	3/10/2014
AK03	Denali National Park-Mt. McKinley	NPS-Air Resources Division	3/10/2014
MD08	Piney Reservoir	State of Maryland	1/1/2008
MD98	Beltsville Second Instrument	U.S. Environmental Protection Agency/ National Oceanic and Atmospheric Administration	1/26/2007
MD99	Beltsville	U.S. Environmental Protection Agency/ National Oceanic and Atmospheric Administration	11/7/2006
ME97	Presque Isle	Aroostook Band of Micmacs	12/6/2013
MI09	Douglas Lake	Lake Michigan Air Directors Consortium	8/11/2015
MS12	Grand Bay NERR	National Oceanic and Atmospheric Administration	9/29/2006
NJ30	New Brunswick	State of New Jersey	10/1/2015
NJ54	Elizabeth Lab	State of New Jersey	10/1/2015
NS01	Kejimikujik National Park	Environment Canada	1/26/2009
NY06	Bronx	State of New York	8/27/2008
NY20	Huntington Wildlife	New York State Energy Research & Development Authority	11/21/2007
OH52	South Bass Island	Lake Michigan Air Directors Consortium	12/31/2011
TW01	Mt. Lulin	EPA Taiwan	1/1/2010
WI07	Horicon Marsh	Lake Michigan Air Directors Consortium	1/2/2011
MD08	Piney Reservoir	State of Maryland	1/1/2008
MD98	Beltsville Second Instrument	U.S. Environmental Protection Agency	1/26/2007
MD98	Beltsville Second Instrument	National Oceanic and Atmospheric Administration	1/26/2007
WV99	Canaan Valley Institute	National Oceanic and Atmospheric Administration - Air Resources Laboratory	6/1/2000

我國加入 AMNet 監測網

我國於 2010 年加入 AMNet, 迄今監測已逾 7 年



National Atmospheric Deposition Program

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