

My name is Keith Heidorn.

If you asked me to describe myself in the context of the Weather Doctor,

I would tell you that I am both an artist and a scientist who is deeply involved with the weather and other atmospheric phenomena on many levels.

I have had a love affair with the weather for about 45 years.

You see, I think that weather is the most sensual aspect of life, stimulating all my senses at one time or another and often several at once.

I was born in Chicago and grew up in northeastern Illinois where I first fell in love with the weather.

The Great Lakes region has its variety of weather extremes generally with a rapid turnover of daily weather events.

"<http://www.glenallenweather.com/historylinks/wxdoc/jan.htm>" Ref. Wx.Doctor

## UNITED STATES

1 January 1864, Midwestern States: The most bitterly cold New Year's Day to date hits the Midwest with snow, gales and severe cold. Afternoon highs reach only minus 16° F (-26.7° C) at Chicago, Illinois and minus 25° F (-31.7° C) at Minneapolis, Minnesota.

1 January 2004, Sierra Mountains, California: Heavy snow derails a passenger car on the California Zephyr 40 miles (65 km) west of Truckee. The westbound Amtrak train is detained for 14 hours by the weather and accident, stranding 300 people.

2 January 1961, Haleakela Summit, Hawaii: With a low temperature of 14° F (-10.0° C) atop Haleakela Summit, Hawaii establishes its coldest temperature of record.

2 January 2006, Montgomery, Christian and Shelby Counties, Illinois: A microburst from a severe thunderstorm likely killed more than 35 snow geese found in farm fields southeast of Springfield. The medical examiner reports lesions observed in the dead birds are consistent with injury to birds falling from the sky — causing ruptured internal organs and internal bleeding.

3 January 1777, New Jersey: An overnight freeze enables George Washington and his troops to flank the British at Trenton, cross their lines at Princeton, and seek security in the hills of northern New Jersey.

3 January 1961, Northern Idaho: A three-day long icestorm over northern Idaho which produces an accumulation of ice 8 inches (20 cm) thick on power and phone lines, a US record.

3 January 2005, Las Vegas, Nevada: Bet on it! A record daily rainfall for January of 0.81 inches (206 mm) falls at McCarran International Airport.

4 January 2003, Des Moines, Iowa: A record dry spell –53-days long – ends in Des Moines.

5 January 1904, Northeast US: The Northeastern shivers through bitterly cold temperatures. Morning lows of -42° F (-41.1° C) at Smethport PA and -34° F (-36.7° C) at River Vale NJ establish state records.

5 January 1993, Maui, Hawaii: Winds reaching 100 mph (160 kph) down power lines on Maui's Mount Haleakala laden with up to 18 inches (45 cm) of ice that accumulated on the summit.

5 January 2004, Meacham, Oregon: The coldest day in Meacham's 55-year climate records: -31° F (-35.0° C).

6 January 1880, Seattle, Washington: Seattle snowstorm dumps 48 inches (146 cm) on region. Hundreds of barns collapse under weight of snow.

6 January 1968, International Falls, Minnesota: The all-time record low is set in International Falls. Temperatures on this day drop to a bone-chilling minus 46° F (-43,3° C).

6-7 January 1886, Kansas: A great blizzard strikes Kansas without warning, claiming 50 to 100 lives, and eighty percent of the cattle in the state.

6-8 January 2004, Portland, Oregon: The worst snow and ice storm in a decade blasts Portland. The airport remains closed for three days as thick ice coats runways, stranding thousands of passengers. Many roads and highways are closed because of ice, accidents and downed trees.

6-8 January 2009, Western Washington: A Pineapple Express brings mild temperatures and torrential rain to the Pacific Northwest, melting snowpack from the previous month's record snowstorms and causing massive flooding, mudslides, and avalanches across the state of Washington. A number of precipitation records are set. Seattle receives a record 2.29 inches (58.2 mm) of rain at Sea-Tac Airport, and in Olympia a record 4.82 inches (122.4 mm) of rain falls. More than 30,000 people are encouraged to evacuate their homes due to flooding. Roads and railway connections are cut as highway officials close a 20-mile stretch of I-5 and Amtrak passenger service out of Seattle is suspended. Several cities declare a civil emergency. The Snoqualmie River at Carnation reached its highest recorded levels: 61.5 feet (18.8 m), 7.5 feet (2.3 m) above flood stage) on January 7. The National Weather Service estimated damages at \$125 million.

7 January 1971, Hawley Lake, Arizona: The temperature at Hawley Lake, located southeast of McNary, plunges to -40 degrees F/C to establish a state record.

7 January 2008, Northeast Illinois/Southeast Wisconsin: Fast-moving thunderstorms sweep across portions of northeastern Illinois into southeast Wisconsin from north of the Rockford (IL) area to near Kenosha WI. The storms produced tornados that leave a trail of damage from Machesney Park, north of Rockford, east-northeastward through Poplar Grove (IL). An EF-3 twister passes north of Harvard (IL) before moving into southeast Wisconsin to cause damage near New Munster (WI) in Kenosha County. Near Harvard, a suspected tornado derails one locomotive and 12 freight cars. Two twisters are also sighted near the Kenosha County Airport. The twisters damage numerous homes and down trees, transformers and powerlines. Hardest hit is a subdivision in Wheatland (WI), about 50 miles (80 km) southwest of Milwaukee, where at least 55 homes are damaged. The tornadoes are the furthest north winter tornadoes in the US since 1967.

8 January 1987, Red River, New Mexico: A winter storm moving out of the Southern Rockies dumps 14 inches (40 cm) of snow on Red River.

8 January 2003, Des Moines, Iowa: Des Moines records the warmest January temperature ever: 67oF (19.4oC).

9 January 1990, Coastal Oregon: The third storm in four days hits the Pacific Northwest. Winds in Oregon gust above 100 mph (160 km/h) at Netarts and at Oceanside. Up to 8.16 inches (297 mm) of rain is reported around Seaside, and Astoria receives 4.53 inches (115 mm), a rainfall record for the date.

10 January 1800, Savannah, Georgia / Charleston, South Carolina: The heaviest snowfall on record blankets the Coastal Plain of the southeastern US. Savannah is buried by a foot and a half (45 cm) of snow, and ten inches (25 cm) covers Charleston.

10 January 1975, Duluth, Minnesota: Barometer pressure drops to record low of 28.55 inches (967 mb) during intense winter storm over Minnesota. storm deposits two feet (60 cm) of snow on parts of the state and wind chills reach -80F (-62C) there.

10 January 2005, Los Angeles and La Conchita, California: A deadly mudslide near La Conchita, California claims 10 lives. The slide results from more than two weeks of heavy rain that deluge Southern California. Los Angeles records its wettest 15-day period on record, from 27 December 2004 to 10 January 2005 rainfall totals 16.97 inches (431 mm).

10 January 2008, Vancouver, Washington: Three tornadoes touch down in the southwest corner of Washington in Clark County. In Vancouver, one tornado hit a residential area, downing power lines, uprooting trees and tossing shopping carts into cars, but there are no reports of injuries. The tornado also demolishes a rowing club in Vancouver.

10-14 January 1997, Montague, New York: Five-day snowfall event dumps record 95 inches (241 cm), 40 inches (102 cm) of which fell in 12 hours from Saturday night through Sunday morning (11th-12th). Over the 24-hour period, the Lewis County site recorded 77 inches (196 cm), a new US national record.

10-15 January 1990, Valdez, Alaska: Five-day snowstorm covers Valdez with 60.7 inches (154 cm) of snow.

11 January 1911, Rapid City, South Dakota: The temperature at Rapid City plunges 47 F degrees (26 C degrees) in just fifteen minutes.

11 January 2004, North Myrtle Beach, South Carolina: The temperature plunges to 18 °F (-7.8 °C ) breaking the old record for the day by 7 F degrees (3.9 C degrees).

12 January 1912, Washta, Iowa: Morning reading of 47 degrees below zero F (-43.9°C ) establishes the state record.

12 January 1985, San Antonio, Texas: The palm trees of San Antonio are blanketed with 13.5 inches (34 cm) of snow, more snow than had ever fallen previously in an entire winter season.

12 January 1888, Minnesota, Nebraska and the Dakotas: The Children's Blizzard strikes suddenly across the upper Plains States bringing rapid temperature drops, strong winds and blowing snow. The storm leaves some 500 dead, many school children caught on the way home from school.

13 January 1871, Key West, Florida: The mercury plunges to 41 °Fahrenheit (5 °C ) the coldest reading ever at this farthest south location in the contiguous US. The mark was tied on 12 January 1993.

13 January 1888, Fort Keough, Montana: The mercury plunges to 65 degrees below zero Fahrenheit (minus 54 °C ) at Fort Keough, the reading stands as the continental US record minimum for sixty-six years.

14 January 2004, Oahu, Hawaii: Strong winds associated with a frontal system knocks out power to over 12,000 homes. A gust to 85 mph (135 km/hr) is reported along the west Oahu coast, and a rare tornado touches down.

14 January 2009, Alaska: Temperatures in areas of Alaska see an astounding jump compared with the early days of the month when temperatures registered below -50°F (minus 45.6 °C ). By the 14th, however, temperatures reached loftier heights. The high in Birch Lake reached 54°Fahrenheit (12.2°C ), a rise of 106 F deg (58.8 C degrees) from its cold during the 3-5 Jan

period of -52°Fahrenheit (-46.7 °C ); Central rose from -56°Fahrenheit (-48.9 °C ) to 45°Fahrenheit (7.2 °C ); and Anchorage saw a "moderate" rise from -19°Fahrenheit (7.2 °C ) to 42°Fahrenheit (5.6 °C )

15 January 1932, Los Angeles, California: Up to two inches (5 cm) of snow blanket the Los Angeles basin of California. The Los Angeles Civic Center reports an inch (2.5 cm) of snow. Beaches of Santa Monica whitened.

15 January 1990, Valdez, Alaska: Heavy snow fall across the Prince Williams Sound area and the Susitna Valley of southern Alaska buries Valdez under 64.9 inches (165 cm) of snow in less than two days, including a record 47.5 inches (120.6 cm) in 24 hours. The Susitna Valley reports nearly 44 inches (112 cm) of snow. The heavy snow blocks roads, closes schools, and sinks half a dozen vessels in the harbor.

15 January 2009, Northern Maine: Depot Mountain records a low temperature of 38 below zero Fahrenheit (minus 38.8 °C ), and Fort Kent shivers at 32 below Fahrenheit (minus 35.6 °C ) .

16 January 2004, Mount Washington Observatory, New Hampshire: The observatory, boasting of having "the world's worst weather," records a morning temperatures of 43 degrees below zero Fahrenheit (minus 41.7 °C ). The previous evening, the observatory reported a wind chill of 97 below zero Fahrenheit (minus 71.7 °C ) based on a combination of wind speed gusting at 92 mph (148 km/h) and an air temperature of minus 39 Fahrenheit (minus 39.4 °C ).

16 January 2004, United States: The first tornado reported in the New Year near Abilene, Texas ended a 50-day tornado drought that started November 27, 2003, the fourth longest twister-free period on record .

16 January 1964, Dallas/Ft Worth, Texas: A snowstorm dumps 7.5 inches (19 cm) of snow on Fort Worth; Dallas reports a foot (30 cm) of snow.

17 January 1817, Vermont and New Hampshire: A luminous snowstorm in Vermont and New Hampshire as Saint Elmo's fire appears as static discharges on roof peaks, fence posts, and the hats and fingers of people. Thunderstorms rage over central New England.

17 January 2006, Roseburg, Oregon: It rains in Roseburg; 2.21 inches, almost an inch more than the previous January 17 record set in 1954, falls.

18 January 1971, Los Angeles, California: Los Angeles records the highest January temperature ever measured in the USA: 95° F (35° C).

18 January 1973, Corey, Louisiana: A baby is carried 300 to 400 yards (275-365m) by the strong tornado winds, yet receives only minor injuries.

19 January 1953, Corvallis, Oregon: . A combination of hail, heavy rain, and a tornado causes significant damage in Corvallis. The tornado, the first to ever hit Corvallis, dissipates as it crossed the Willamette River.

19 January 1977, South Florida: Snowflakes are observed at Homestead and Miami in extreme southern Florida for the first time ever. Snow is reported across the entire state.

20 January 1933, Phoenix, Arizona: The greatest snowfall to officially fall on the city reaches 1 inch (2.5 cm) in depth. Four years to the day later, a snowfall of 1 inch (2.5 cm) again falls.

20 January 1937, Washington DC: As Franklin D. Roosevelt is sworn in for his second term, the Capitol is drenched with 1.77 inches (45 mm) of cold rain in 24 hours, the wettest Inaugural Day of record. Temperatures only rises into the 30s (F).

20 January 1954, Rogers Pass, Montana: The lowest recorded temperature in the contiguous 48 States: -70° F (-56.7° C).

21 January 1954, Spokane, Washington: Spokane's heaviest one-day snowfall accumulates: 12.7 inches(32 cm).

21 January 1982, Minneapolis, Minnesota: Minneapolis receives second blast from the snowgun as 20 inches (51 cm) of snowfall breaks the previous record of 17 inches (43 cm) for 24 hours that had been established just a few days earlier. A record 38 inches (96.5 cm) of snow cover the ground piling into drifts ten feet (three metres) high.

21 January 2008, Northern Maine: Temperatures drop well below zero Fahrenheit in extreme northern sections of Maine: Van Buren registers -34° F (-36.7° C); Presque Isle bottoms at -27° F; (-32.8° C) and Allagash, falls to -26° F (-32.2° C).

22 January 1943, Spearfish, South Dakota: The temperature soars from minus 4° F (-20° C) at 7:30am to 45° F (7° C) at 7.32 am, a 49 F degree (27 C degree) rise in just 2 minutes!

22 January 2004, Rochester, New York: Residents of Rochester watch measureable snow fall on 19 consecutive days beginning January 4th. String ties the previous mark set in 1985.

22 January 2006, Olympia, Washington: Olympia's run of rainy days finally ends at 35.

22-23 January 2005, Boston, Massachusetts: Snow accumulates at a rate of at least 2 inches (5 cm) an hour leaving more than 20 inches (50.8 cm) at Logan International Airport by noon. The snowstorm becomes the sixth-worst to hit Boston in the past 100 years. Just north of Boston, the town of Peabody sees 29 inches (74 cm).

23 January 1780, New York, New York: British Army reports temperature of -16° F (-27° C), marking the coldest day in an extremely cold winter in the Northeast.

23 January 1971, Prospect Creek, Alaska: The all-time lowest temperature in the State of Alaska measured on this date: -80° F (-62° C).

23 January 2006, Aberdeen and Hoquiam, Washington: A streak of consecutive rainy days finally ends at 37 in these two western Washington communities. Reliable rainfall records for Aberdeen date to 1891.

24 January 1916, Browning, Montana: The temperature at Browning MT plunges 100 F degrees (55.6 C degrees) in just 24 hours, from 44 ° F (-6.7° C) to 56 F degrees below zero (-48.9° C). It is a record 24-hour temperature drop for the US.

24 January 1922, Danbury, Wisconsin: The coldest recorded temperature east of the Mississippi River: minus 54° F (minus 47.8° C).

24 January 1956, Kilauea Sugar Plantation, Hawaii: Thirty-eight inches (965 mm) of rain deluge the Kilauea Sugar Plantation of Hawaii in 24 hours, including twelve inches (300 mm) in just one hour.

25 January 2008, Point Mugu Naval Air Station, California: A tornado moves across the Point Mugu Naval Air Station in southern California. This tornado appears to have originated as a waterspout that had moved onshore. It tears the roof off of a building at the Naval Base.

25 January 2004, Oahu, Hawaii: Funnel clouds are spotted spiraling over parts of central Oahu, though no confirmation of a touchdown are reported. Hawaii reports about one tornado per year.

26 January 1989, Cold Foot, Alaska: Cold Foot (located north of Fairbanks) registers a morning low of 75 degrees below zero F (minus 59.4° C).

26-27 January 1967, Chicago, Illinois: The city experiences its worst blizzard on record as an astounding 24 inches (61 cm) of snow fall in 29 hours and 8 minutes. Cars and buses are stranded all over the city as close to 24 million tons of snow lay across the area.

27 January 1772, Virginia: The Washington and Jefferson Snowstorm. George Washington reports three feet (0.9 m) of snow at his Mount Vernon estate, as does Thomas Jefferson at Monticello.

27 January 2009, Cold Foot, Alaska: A pool of dry air over the eastern Hawaiian Islands allow the early morning temperature at Hilo on the Big Island to drop to a record-tying low reading of 58° F (14.4° C).

27-28 January 2008, Montana and the Dakotas: Rapid temperature drops occur across Montana and the Dakotas as a cold front races through. The greatest drop is experienced at Cut Bank, MT, approximately 50 miles (80 km) east of Glacier National Park, where the temperature falls from 40° F (4.4° C) at 2 PM MST on Sunday to -14° F (-25.6° C) in the following 12 hours. By sunrise, the temperature had fallen to -20° F (minus 28.9° C), representing a drop of 60 Fahrenheit degrees (33.3 Celcius degrees) in 17 hours. Great Falls, MT had a similar temperature fall: 59 F° (32.8 C°) from 42° F (5.6° C) to -17° F (-27.2° C). Williston ND: 54 F° (30 C°), from 44° F (6.7° C) to -10° F (-23.3° C); Rapid City SD 51F° (28.3 C°) from 55° F (12.8° C) to 5° F (minus 15° C) — drop that took only two hours.

27-31, January 1966, Oswego, New York: This northern New York community sees a total snowfall over five days of 102 inches (259 cm), nearly half that total fell on the 31st.

28 January 1887, Fort Keough, Montana: Snowflakes "as large as milk pans" fell across areas of Montana. The biggest snowflake, reportedly measured 38 cm (15 inches) by 20 cm (8 inches).

28 January 1922, Washington, DC: The "Knickerbocker" storm immobilizes the Nation's Capital, dumping 28 inches ( 71 cm) of snow in 32 hours. The heavy snow causes the roof of the Knickerbocker movie theatre to collapse killing 96 persons.

28 January 2004, Salt Lake City, Utah: String of consecutive days with measureable precipitation — begun Christmas Day 2003 — ends at 35 days. Old mark of 24 wet days came in 1983.

28-31, January 2004, Parish, New York: A three-day snowstorm dumps 86 inches (218 cm) of snow on Parish, located about 25 miles (40 km) north of Syracuse.

29 January 2002, Hawaii: Record rainfall falls at several Hawaii recording stations. Hilo Airport shatters their January 24-hour rainfall record measuring 12.47 inches (316.7 mm). The severe storms cause millions of dollars in flood damage.

29 January 2004, Minnesota: All Minnesota weather stations record a low temperature below zero Fahrenheit (-18° C) this morning. The coldest is Park Rapids where the low was minus 45° Fahrenheit (-42.8° C)

29-30 January 1947, Southern Wisconsin: A fierce winter storm buries southern Wisconsin under two feet (60 cm) of snow. Strong NE winds pile drifts to 10 feet (3.1 m) in the Milwaukee area, shutting down the city for two days.

30 January 1921, Washington State: A compact, intense windstorm known as the Great Olympic Blowdown funneled along the mountains of Washington's Olympic Peninsula brings hurricane-force winds into the region. The winds, gusting to 113 mph (180 km/h) at North Head, fells vast expanses of Douglas fir, destroyed eight billion board feet of timber.

30 January 2004, Grand Forks, North Dakota: The temperature plunges to an all-time record low of 44°F below zero (-42.2° C).

31 January 1920, Northfield, Vermont: The highest barometric pressure observed in the contiguous forty-eight states: 31.14 inches Hg (105.45 kPa).

31 January 1949, San Antonio, Texas: The temperature plunges to a record low of one degree below zero F (-18° C).

31 January 1989, Norway, Alaska: Barometer rises to 31.85 inches (107.97 kPa), establishing the all time highest reading for the North American continent.

31 January 2006, Bismarck, North Dakota: Temperatures in Bismarck, remain above 0°F (-18° C) for the entire month, a balmy period not seen since 1875.