

JUNE WEATHER HISTORY FOR THE 11TH - 20TH

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[\(Ref. Charlie Wilson Weather History\)](#)

June 11th:

No measurable rainfall has fallen at Las Vegas, NV on this date since records began in 1937.

1749

A waterspout moved inland over Rome, Italy causing extensive damage to property.

1842

A late season snowstorm struck New England. Snow fell during the morning and early afternoon, accumulating 10 to 12 inches at Irasburg, VT. Berlin, NH was blanketed with 11 inches of snow during the day. Snow whitened the higher peaks of the Appalachians as far south as Western Maryland.

1877

The temperature at Los Angeles, CA reached 112° during a heat wave. It would have been the all-time record for Los Angeles but official records did not begin until 20 days later.

1915

A tornado moved slowly northeast from southwest of Mullinville, KS, allowing people to reach shelter from this extremely large tornado. One entire farm was completely swept away on the edge of Mullinville, and many more homes were destroyed. As it moved northeast, eight separate funnels were noted at one time under the huge rotating cloud. Damage totaled \$75,000 dollars. It was reported that three mules were carried two miles.

1920

The patrol vessel USS Eagle, while making passage up the Delaware River, was struck by a squall and capsized. 9 people were killed.

1939

A tornado raced through the town of St. John, Quebec Canada ripping roofs off houses and toppling trees. The storm damaged decorations erected for the visit of King George and Queen Elizabeth.

1947

An unusually cold late season storm system brought significant snow to Cheyenne, WY. By the end of the day, 4.4 inches of snow had fallen, and the snow continued into the 12th.

A trace of snow fell at Denver, CO. They also set a daily record low of 34°.

1954

A strong heat wave hit much of the Midwest. Chicago, IL set a record high of 97°. This began an 11-day run with high temperatures of 90° or higher. Two high temperature records were set during that period.

1963

Ireland recorded its wettest day up to that time as a thunderstorm over Dublin dumped 7.28 inches at Mt. Merrion.

1968

A rare tornado struck mountainous, uninhabited Wallowa County, Oregon. The short-lived tornado downed a lot of trees.

1972

Dozens of locations from the Great Lakes to the Mid-Atlantic and southern New England reported record chill thanks to Canadian high pressure. Muskegon, MI set a June record low of 31°.

Locations that reported daily record lows included: Elkins, WV: 29°, Youngstown, OH: 30°, Blacksburg, VA: 30°, Cleveland, OH: 31°, Akron, OH: 32°, Toledo, OH: 32°, Beckley, WV: 32°, Erie, PA: 32°, Lansing, MI: 32°, Charleston, WV: 33°, Grand Rapids, MI: 33°, Avoca, PA: 34°, Pittsburgh, PA: 34°, South Bend, IN: 35°, Columbus, OH: 35°, Binghamton, NY: 35°, Buffalo, NY: 36°, Rochester, NY: 36°, Detroit, MI: 36°, Rockford, IL: 38°, Atlantic City, NJ: 38°, Syracuse, NY: 38°, Moline, IL: 39°, Fort Wayne, IN: 39°, Cincinnati, OH: 39°, Allentown, PA: 39°, Dayton, OH: 40°, Baltimore, MD: 40°, Dulles Airport, VA: 40°, Peoria, IL: 41°, Wilmington, DE: 41°, Lynchburg, VA: 41°, Springfield, IL: 42°, Lexington, KY: 42°, Philadelphia, PA: 44°, Central Park, NY: 46°, LaGuardia, NY: 46°, Evansville, IN: 47°, Louisville, KY: 47°, Richmond, VA: 48°

and Norfolk, VA: 53°.

1979

A heat wave continued across southern California. Daily record highs included: Riverside: 110°, Bakersfield: 109°, Fullerton: 101°, Long Beach: 100°, Santa Ana: 99°, San Diego: 98°, Los Angeles (LAX): 91° and Idyllwild: 90°. Escondido set a June record high with 105°.

1984

An intense thunderstorm unleashed tremendous winds across portions of southeast South Dakota and southwest Minnesota. The thunderstorm produced downburst winds estimated at an amazing 160 mph. The damage area was around one-half mile wide and 8 miles long and extended from just southeast of Rowena, SD to two miles north of Hills, MN. The incredible force of the wind leveled most everything in its path. Many trees were snapped off and over 20 homes on 17 farms were affected. Many farm buildings and animal sheds were simply no match for the winds and were destroyed. Two people were killed.

1986

Thunderstorms dumped very heavy rain across much of western Oklahoma. Rainfall amounts of 7 to 10 inches occurred over much of Roger Mills and Custer Counties during the evening. The resulting floods affected many homes and businesses, and washed out a bridge near Arapaho.

1987

South Texas endured another day of torrential rains. Up to 12 inches of rain drenched Harris County, and nearly 10 inches soaked Luce Bayou, mainly during the afternoon hours. Thunderstorm rains left seven feet of water over Highway 189 in northern Val Verde County. Flooding caused \$9 million dollars damage in Real County.

A thunderstorm at Perryton, TX produced golf ball size hail, 70 mph winds and spawned a tornado which struck a mobile home killing one person and injuring the other four occupants.

1988

Dozens of cities in the central and eastern U.S. reported record low temperatures for the date, including El Dorado, AR with a reading of 48°. Canaan Valley and Thomas, WV dipped to 30°. This tied Flagstaff, AZ being the cold spot in the nation. Coolidge, AZ just 180 miles away, was the hot spot in the nation with an afternoon high of 105°.

1989

Thunderstorms produced severe weather in the south central and southeastern U.S. Thunderstorms spawned 11 tornadoes, including one which tore the roof off a restaurant at Bee Branch, AR injuring six people. The tornado tossed one car into the restaurant and another car over it.

Temperatures soared into the 90s across much of Florida. Lakeland reported a record high of 99° for the second day in a row.

1990

The costliest hailstorm in U.S. history occurred as \$625 million dollars of damage was caused along the Colorado Front Range from Colorado Springs to Estes Park. Golf to baseball sized hail fell along with heavy rain. 60 people were injured in the storm.

1993

The first federal Disaster Declaration was issued for parts of Minnesota hard hit by the beginning stages of the Great Midwest Flood of 1993. By August, parts of nine states were declared disaster areas. The entire state of Iowa was declared a disaster area. The flood was the worst this century in the U.S. Damage totaled almost \$20 billion dollars. More than 50,000 homes were damaged or destroyed.

1996

Hail five inches in diameter fell 13 miles southeast of Mullinville, KS. There was a report of 10 head of cattle killed.

1999

On this date through the 14th, several hailstorms occurred across Eastern Colorado. Hail accumulated to a depth of 12 inches near Colorado Springs, CO. The roof on a business gave way under the weight of the hail. Damage in the Denver area totaled \$35 million dollars (\$17.5 million dollars from auto claims and \$17.5 million from homeowner claims). Areas hardest hit included: Castle Rock, Commerce City, Evergreen and Golden.

In west Texas, severe thunderstorms ripped through the Big Country for the third consecutive evening, with the communities of Rotan and Colorado City seeing the worst of the storms. Hail up to the size of softballs pounded the Colorado City area, while a downburst ripped through the heart of Rotan. Extensive damage was reported in both towns, amounting to nearly three quarters of a million dollars. In addition, brief tornado touchdowns were also reported elsewhere in Mitchell and Fisher counties although no damage resulted.

Marble Rock, IA received 4.02 inches of rain to set a record for their wettest day in June.

2003

It looked like something out of the Old Testament: A pillar of cloud, ominous and majestic, rolling across the Tennessee countryside near Seymour. Several local residents grabbed their video cameras, believing it to be a tornado. But it didn't cause any damage. After reviewing the videos, the National Weather Service said that the cloud was actually a wet microburst.

2004

A heat-burst occurred over Wichita Falls, TX which produced a brief, but sudden, severe wind gust. Sheppard Air Force Base measured the gust at 64 mph.

2008

A strong inflow of moist and unstable air into and over a surface warm front resulted in training thunderstorms and very heavy rain across parts of northeast South Dakota. Rainfall amounts of 2 to 6 inches occurred across much of the area resulting in widespread flash flooding. Many roads, bridges, and cropland were damaged by the flooding. In Milbank, many basements were flooded and/or received sewer backup. Some rainfall amounts include 3.65 inches near Milbank, 2.96 inches in Summit, 2.27 inches at Artichoke Lake MN, 2.14 inches in Sisseton and 1.57 inches in Watertown.

June 12th:

1878

A strong storm dropped egg-sized hailstones on Lachute, Ontario Canada. The accumulation halted train traffic.

1881

Five tornadoes touched down near St. Joseph, MO. The town of Floral, KS was wiped out by a major tornado. Five inches of rain fell in one hour in the town of Blue Earth City, MN.

Two F4 tornadoes in Kansas and two in Missouri killed 15 people and injured 97 others.

1884

Los Angeles, CA received its greatest June rainstorm ever with 0.87 inches ending on this date.

1885

A tornado in Iowa blew part of a train off the tracks, injuring three passengers. Three coaches and a baggage car were lifted into the air and onto a field.

1899

An F5 tornado struck New Richmond, WI. 117 people were killed and 200 were injured. A circus was playing in New Richmond, which meant an additional 1,000 people were in town for the performances. Over 300 buildings were damaged or destroyed as the tornado went straight through the center of town. Six families had four or more members killed. A 3,000-pound safe was blown a full block. High visibility limited the death toll.

1915

An F4 tornado moved northeast from northwest of Waterville, IA crossing the Mississippi River two miles south of Ferryville, WI. The last damage ended near Soldiers Grove. A man and his daughter were killed in one of three homes that were obliterated southwest of Heytman, a small railroad station on the Mississippi River. 60 buildings and 8 homes were destroyed in Wisconsin. This tornado caused approximately \$200,000 in damage. In addition to this tornado, an F2 tornado moved northeast across Fayette and Clayton Counties in northeast Iowa from three miles south of West Union to two miles south of Postville. One farm was devastated, the house and barn leveled. Heavy machinery was thrown 300 yards. Clothing was carried two miles.

1918

Victorville, CA recorded their highest temperature for June at 114°. This was also their second highest temperature ever (116° - 7/10/2002). This was followed by their warmest night on record with a low of 88°.

1942

A tornado smashed a four block area in the southwest suburbs of Oklahoma City, OK. 35 people were killed, making it one of the ten deadliest ever in the state. The twister completely demolished 73 homes and damaged 31 others. The Oklahoma City area has been struck by tornadoes more than 90 times since 1890.

1947

A heavy wet snow blanketed much of southern and central Wyoming and gave many places their heaviest and latest snow on record. Totals included 18.4 inches at Lander, 8.7 inches at Cheyenne, and 4.5 inches at Casper. At Cheyenne this was the snowiest June on record and the latest measurable snow on record.

A trace of snow fell at Denver, CO. This was the latest last snow of the season of a trace or more. This also marked the end of their longest snow season at 264 days which started with a trace of snow on 9/22/1946. The high of 43° was a record low maximum for the date and the morning low of 33° was a record low for the date.

1948

The Columbia River Basin flood peaked on this date in the Northwest. The flood produced the highest water level in the basin since the flood there in 1894. The damage estimate for the 1948 flood was \$101 million dollars and 75 lives were lost.

1949

Las Vegas, NV recorded 0.01 inches of rain, setting a daily record. This was the only measurable rainfall to occur on this date since records began in 1937.

1956

The upper Midwest was in the midst of a six-day stretch of 90 degree plus temperatures. The high of 97° at Chicago, IL and 95° at Rockford, IL set daily high temperature records.

1959

Heavy thundershowers were accompanied by a small tornado at Celeron near Jamestown, NY which caused damage to a boat house and recreation park estimated in the tens of thousands of dollars range. A two inch fall of rain in 75 minutes was recorded in Colden, NY.

1968

The first day of June saw Tropical Storm Abby form in the western Caribbean Sea. The storm moved northeast and crossed central Florida, briefly reaching hurricane status in the Gulf of Mexico. The tropical storm then moved along the coast of Florida and into Georgia, then made a loop as a tropical depression through the Carolinas, moving south to the North Carolina/South Carolina coast. The depression turned northeast and moved along the coast of North Carolina then dissipated on the 12th southeast of the Delmarva. Locations that received record daily rainfalls included: Philadelphia, PA: 3.05 inches, Reagan National Airport in Washington, D.C.: 2.23 inches, Dulles Airport at Sterling, VA: 1.88 inches, Wilmington, DE: 1.75 inches, Newark, NJ: 1.74 inches and Williamsport, PA: 1.30 inches.

1969

A record late snow blanketed parts of Montana, Wyoming, South Dakota, and Nebraska. 5 inches accumulated at Great Falls, MT and just east of Broadus, MT, with 10 inches reported at Deerfield, SD. Traces of snow fell as far south as Kimball, NE. Other snowfall totals included: Leiter, MT: 5 inches, Burgess Junction, WY: 4 inches, Sheridan, WY: 3 inches, Pryor, MT: 1 inch, Red Lodge, MT: 0.5 inches and Miles City, WY: 0.1 inches.

The low at Billings, MT dropped to 32° on the 12th and 13th, tying records for June.

1975

Sydney, Australia's second longest dry spell on record came to an end. The dry spell lasted 34 days which started on May 10th.

1978

Lightning killed a 14 year old boy running home to avoid the rain at Lauderhill, FL. The lightning struck a pine tree near the boy and severely burned his legs and knocked his shoes off.

1983

Flooding and mudslides plagued much of Utah. Streets had to be sandbagged in Salt Lake City. Floods inundated the town of Thistle when a mudslide dammed a river.

1985

Winds of 210 mph measured at a height of 1.84 miles on the mountain Zugspitze in southern Germany.

1987

Thunderstorms in Nebraska produced softball size hail around Fremont and Ames, and 3.5 inches of rain in less than one hour. 4.5 inches in less than an hour caused flooding around Ithica, NE. A tornado destroyed a mobile home near Broken Bow, NE injuring both occupants.

1989

Thunderstorms produced severe weather from Tennessee Valley to the Central Appalachians in the afternoon and evening, and produced severe weather in Oklahoma and Texas during the evening and night. Thunderstorms spawned 10 tornadoes and 164 reports of large hail or damaging winds. Thunderstorms produced wind gusts to 100 mph at Amarillo, TX, and wind gusts to 110 mph at Denton, TX. Hail 3 inches in diameter was reported at Tucumcari, NM.

1991

The largest volcanic eruption of the 20th Century began. Mt. Pinatubo injected 15 to 30 million tons of sulphur dioxide into the atmosphere. Global dust cloud cooled the planet, reversing for a

time the global warming trend. 1992 was globally one of the coolest since the 1970s.

On the same day that Mt Pinatubo awakened from its 635-year slumber, Typhoon Yunya crossed Luzon province. Mudslides and flooding caused many deaths and added with impacts of Pinatubo leaves more than a million homeless.

1993

Severe thunderstorms ripped across central sections of South Dakota. The storms dropped marble to baseball sized hail. One storm developed a waterspout over the Missouri River which then traveled onto land as a tornado. The tornado went just south of Pierre crossing a baseball field and golf course before destroying a house and car. The owner of the house narrowly escaped injury as he hid in the fireplace during the storm. Several other tornadoes touched down around 15 miles south of Pierre.

1994

A weak cold front and an extremely unstable airmass gave the area an incredible amount of severe weather in parts of Iowa. Dickinson County was hard hit when 60 to 80 mph winds struck throwing a sail boat into a tree along the Spirit Lake shoreline. Later, a small tornado touched down at Lake Park. The storms developed into an east to west orientation which began to give very heavy rain over the same areas. Reports from around Emmet, Dickinson and Clay Counties indicated rainfall amounts from 2 to as much as 6 inches within a two hour period. This resulted in flash flooding across those counties. Flash flooding was also reported in Lyon County where an incredible three inches of rain fell in a 30 minute period in the town of George. A tornado formed in Plymouth County and moved through the town of Le Mars, causing about \$3 million dollars in damage. Approximately 120 buildings were damaged with 2 x 6 boards driven through neighboring houses. The tornado picked up a dog house with the dog still inside. The dog house was deposited a few blocks away, upside down, with the dog still inside. The dog was not injured. Hail destroyed 70,000 acres of cropland across South Dakota.

In Hand County, South Dakota, a thunderstorm caused an estimated \$3 million dollars in crop damage. Hail, the largest being baseball size, was reported in drifts of three to four feet high. About 70 thousand acres of cropland and pastures were completely destroyed. Pheasants and ducks were killed by the hail and many cattle injured. Many windows were broken in homes, holes were punched in mobile homes, damaged occurred to contents of homes from hail which entered through windows, and many vehicles were extensively damaged.

A microburst created very high winds at Cheyenne, WY. A gust of 84 mph was recorded at the airport, with estimated gusts around 100 mph over the northeast part of Cheyenne. The high winds caused major damage to the roof at a local high school.

1996

Extensive flash flooding in and around Mt. Pleasant, MI was the result of 1.82 inches of rainfall in 30 minutes with storm totals exceeding 2 inches. At one point parking lots had water 12 inches deep, several fields and ditches were flooded, and some motor homes and campers were set afloat

2000

On this date through the 17th, two large wildfires developed in the Front Range Foothills in Colorado as careless campers and tinder dry conditions proved to be a dangerous combination. Strong winds gusting in excess of 60 mph on the 13th fanned the flames spreading both wildfires out of control. Winds gusted to 78 mph atop Niwot Ridge near the Continental Divide west of Boulder. The Hi Meadows Wildfire, about 35 miles southwest of Denver consumed nearly 11,000 acres and 80 structures, mostly high priced homes. The Bobcat wildfire, located about 12 miles southwest of Fort Collins consumed nearly 11,000 acres and 22 structures. Late on the 16th, a strong cold front moved south over the Great Plains into northeastern Colorado. Low level upslope conditions developed in the wake of a front producing 2 to 4 inches of snowfall overnight at elevations above 8,000 feet. Firefighters were able to contain both fires shortly thereafter.

2002

A supercell thunderstorm dumped copious amount of large hail across Buffalo and Kearney Counties in Nebraska. Hail up to 5 inches in diameter fell, injuring 15 people, and doing \$100 million in damages. In excess of 6,000 structures sustained damage. In some cases, hailstones penetrated shingles, sheeting, and interior ceiling drywall. One person reported an 8 inch diameter hole in their roof. Another person reported hailstones landing on the living room couch after falling through the roof.

Large hail pelted parts of Medicine Lodge, KS. The hail size ranged from nickel to softball. More than 20 windshields were broken and vehicles throughout town sustained severe damage.

2005

A tornado in Hammond, WI damaged 22 homes and produced \$3.6 million dollars in damage.

June 13th:
1889

Forest fires raged across northern Wisconsin and Northeast Minnesota, destroying millions of feet of timber.

Meanwhile, snow fell all day in the Laramie, WY area. By the end of the day, there was 24 inches on the ground in the higher elevations near Rawlins, WY.

1907

The temperature at Tamarack, CA dipped to 2°, the lowest reading on record for June for the U.S. The high that day was just 30°. Tamarack received 42 inches of snow between the 10th and this date. On this date the snow depth was 130 inches.

1955

A "tidal wave" of water from the Spring Mountains swept down on Las Vegas, NV after a violent thunderstorm of rain and hail, virtually isolating the City, flooding hundreds of homes and stores and causing an untold amount in property damage. No fatalities were reported, but police and fire department workers answered scores of calls regarding possible drownings. Residents of the Twin Lakes Subdivision reported that a four-foot wall of water came down from the slope of Mt. Charleston. Hardest hit was the Brentwood Park Tract, where large stocks of lumber, stacked for construction on new homes, were washed away by the flood, and littered the Municipal Golf Course and Twin Lakes Subdivision.

1967

Three separate lines of thunderstorms developed and raced across eastern South Dakota. The storms dumped up to 5 inches of rain and hail the size of golf balls was common. Winds gusted to 71 mph in the Aberdeen area resulting in some damage. Crop damage was 100% in some areas in the northeast due to the relentless hail and flooding rains.

1968

A violent F5 tornado killed 9 people at Tracy, MN. Over 110 homes were destroyed, while a steel I-beam was reportedly carried for 2 miles on a piece of roof. Two farms hit by this tornado were also hit by a violent F4 tornado on 6/24/1924.

1969

10 inches of snow fell in Deerfield, SD as an unusual late season storm covered parts of South Dakota, Wyoming, Montana and Nebraska. Five inches of snow was measured at Great Falls, MT.

The low temperature at Billings, MT fell to 32°, their latest freeze on record. The temperature also fell to 32° the previous day; both tying a record low for the month of June.

1975

A tornado caused extensive damage in Stillwater, OK. The storm developed on the northwest side of town and moved southeast across the campus of Oklahoma State University. Extensive damage occurred on campus and downtown. The storm destroyed 20 mobile homes, and carried several large appliances, such as refrigerators and freezers, more than one-half of a mile.

1976

A deadly tornado moved across parts of the southwestern Chicago, IL suburbs killing two people and injuring 23 others. The tornado, with winds over 200 mph moved from Lemont to Downers Grove causing \$13 million dollars in damage when 89 homes were destroyed and another 90 were damaged. The tornado passed over the Argonne National Laboratory, peeling part of a roof off the building housing a nuclear reactor. The tornadoes movement was rather erratic moving southeast the north and finally turning northwest.

1977

Masirah, Oman received 16.95 inches of rain, a national daily maximum rainfall record.

1979

Temperatures soared to 99° at Dauphin, Manitoba Canada, their hottest June day.

1984

Severe thunderstorms produced large amounts of hail in the Denver, CO metro area. Hailstones as large as 4 inches in diameter fell. Homes and other buildings sustained around \$200 million dollars in damage. Thousands of cars were battered with total damage to vehicles estimated at \$150 million dollars. In some areas, golf ball size hail fell continuously for 30 to 40 minutes. 20 people were injured by the hailstones. It was so bad that snow plows had to be called out. Torrential rains as much as 4.75 inches in Lakewood clogged drains and caused widespread damage from flooding.

1987

Several cities in the north central U.S. reported record high temperatures for the date, including International Falls, MN with a reading of 92°. Mason City and Waterloo, IA reported record highs of 100°.

Thunderstorms in the northeastern U.S. produced golf ball size hail around Hamilton Square, NJ,

along with high winds which tore the roof off a hospital causing a million dollars damage. Averill Park, NY was deluged with 1.64 inches of rain in just 15 minutes.

1988

Afternoon thunderstorms produced severe weather in the Southern and Central Plains Region. Forrest, NM was deluged with 5.5 inches of rain in 90 minutes.

Temperatures soared into the 90s across much of the eastern half of the nation. Portions of northern Illinois reported a record 20 straight days of dry weather.

1989

Thunderstorms produced severe weather from the Southern Plains Region to the Carolinas during the day and night, and continued to drench parts of Texas and Oklahoma with heavy rain. Oklahoma City reported 13.41 inches of rain for the first 13 days of the month, and Fort Worth, TX reported 29.56 inches for the year, a total more than 13 inches above normal.

Severe drought continued to rage across South Texas.

1991

Lightning struck a tree at the U.S. Open Golf Tournament being held at Chaska, MN. One spectator was killed, and six others were injured.

1993

Four inches of rain fell in one hour on Lenox, IA as the Great Mississippi Flood of 1993 was beginning.

1994

A series of violent thunderstorms roared across parts of western and central New York. The thunderstorms also resulted in flash flooding. The thunderstorm winds downed trees and power lines. Scattered power outages were reported. A tornado touched down in the town of Freedom. Damage was intermittent along the mile long path, with only tree damage for the first 3/4 mile. Over its last quarter mile the tornado destroyed a 25 x 25 foot garage. The tornado then struck the Pleasantview Mobile Home Park. Two mobile homes suffered structural damage. A roof which was blown off one mobile home penetrated the wall of another home about 200 feet away. Two other mobile homes were lifted and moved off their foundations. The thunderstorms dropped between two and four inches of rain which produced flash flooding. One hundred basements were flooded in Jamestown. Damage from flash flooding was extensive in Allegany State Park in Cattaraugus County. Two recreational bridges collapsed and other major bridges were undermined. Beaches were damaged extensively and roads were washed out. In one instance, the blacktop from one road was carried over 20 feet.

1998

Severe thunderstorms, some producing tornadoes, raked across central and northern sections of Oklahoma. Most of the tornadic activity was confined to Canadian and Oklahoma counties. The strongest tornadoes, which produced F2 damage, occurred during the late afternoon and early evening hours. Most notable, was the F2 tornado that tore through the northern portions of the Oklahoma City metro area, including the Frontier City amusement park. This tornado produced property damage in excess of \$1 million dollars. The tornadoes resulted in 21 injuries, but thankfully, no deaths.

2002

As thunderstorms roared through Ponca City, OK with lots of large hail and wall clouds, lightning caused a fire at a Conoco refinery. The news immediately sent gasoline futures higher by 50 points. The refinery was back on line quickly, but gasoline prices rose a few extra cents in time for the Fourth of July Holiday.

One of the most familiar and trusted faces on The Weather Channel was that of veteran hurricane forecaster John Raymond Hope. Hope, age 83, died on this date of complications from heart surgery. Hope started with The Weather Channel as their tropical expert when the network debuted in 1982. Known as "the man America watches when there is a hurricane," Hope was a familiar and reassuring face to millions of coastal residents.

2005

Low pressure, the remnants of Hurricane Arlene, moved northeast across the Great Lakes. The bands of showers and thunderstorms produced damage across parts of the Niagara Frontier and Finger Lakes. Heavy rains produced flash flooding in Livingston County, an area which received heavy rains on several consecutive days. Several streets were impassable from runoff debris. The strong winds downed trees and limbs in Le Roy, Stafford, Mendon, Livonia, Lockport, Kendall, and Clarkson. Power outages were scattered throughout the area.

June 14th:

No measurable rainfall has fallen at Las Vegas, NV on this date since records began in 1937.

1876
Cherrapunji, India recorded 40.8 inches of rain in 24 hours.

1886
Many people were lost when high seas from a hurricane inundated the area near Sabine, TX.

1887
The first documented tornadoes struck Lexington in Morrow County and Long Creek in Grant County, Oregon, causing considerable damage to farmland and timber. In addition, the Lexington tornado resulted in one death, the only one ever reported from a tornado in Oregon.

1892
Six people died and 26 others were injured as a tornado tore through St Rose, Quebec Canada.

1903
The "Heppner Disaster" occurred in Oregon. A late afternoon cloudburst over the Willow Creek watershed produced a 40 foot wall of water and debris which swept away a third of the buildings in Heppner, OR. 236 people, nearly 20% of the town's population, died as large part of town was swept away. This event is the most deadly natural disaster in Oregon history.

1953
The warmest June on record occurred in Oklahoma City, OK. The main part of the heat wave extended from the 11th through the 21st, and seven of the daily high temperatures during that stretch remain records for their respective dates. June 14th was the hottest day, reaching a toasty 106°. The other records ranged from 100° to 105°. Even the nighttime lows were records. Eight daily minimum temperatures from June 1953 are still record-warm daily minimum temperatures, ranging from 75° to 80°.

1957
An F4 tornado moved across the south and southeast sides of Springfield, IL. The tornado destroyed 25 homes and severely damaged 175 others; property damage was around \$3 million dollars. On the north side of town, the storms produced a wind gust of 98 mph at Capital Airport, which still stands as Springfield's record wind speed. Two people died during the storm, with over 50 others injured. A separate tornado touched down in downtown Jacksonville, destroying or damaging 40 buildings.

East St. Louis, IL recorded the state record for rainfall in 24 hours with 16.54 inches.

1969
The mercury soared to record highs at Mayo with 97° and Whitehorse Riverdale at 96° in the Yukon Territory, Canada.

Scottsbluff, NE recorded its latest freeze and lowest June temperature on record with a low of 30°.

1974
A tornado took an intermittent 53 mile long path across northwest and west central Illinois. The tornado first touched down just southeast of the Quad Cities, and moved southeast into Knox County. In Abingdon, 200 homes were damaged or destroyed.

1976
Heavy rains began in the northern Black Hills in South Dakota late the previous day and continued through this date. There were several reports of rain totals near 10 inches. The heavy rains created severe flooding along several streams due to the tremendous runoff. The most serious flooding occurred on Spearfish creek within the city limits of Spearfish, along Whitewood creek through Deadwood, and several creeks which flow through Sturgis. At Spearfish and Sturgis, flood waters destroyed bridges, streets, and damaged buildings. In Deadwood, a mudslide damaged several houses and injured four people. Total damages from the floods exceeded \$9 million dollars.

High winds, unusually strong for this time of year raked across the northern Colorado Rockies. Wind gusts of 100 mph tore 24 boats from their moorings and damaged a total of 47 boats at the Boulder Reservoir. Boulder reported a wind gust of 82 mph. Scattered power outages resulted and damage was relatively minor. Other top wind gusts included: 87 mph at the Rocky Flats Nuclear Plant south Boulder, 78 mph at the Jefferson County Airport near Broomfield, 66 mph at Littleton and 46 mph at the Stapleton Airport in Denver. In Denver and surrounding areas, some minor damage was reported, trees uprooted and scattered power outages.

1981
A "mountain wave" generated powerful, localized winds at the Mojave Airport in California that gusted to 107 mph. Damage occurred to six planes and hangars.

1985

A thunderstorm produced golf ball size hail in the Castlewood area in South Dakota causing considerable damage to grain, corn, soybeans, and gardens. Some areas just south of Castlewood had hail piles up to 6 inches deep. Leaves were stripped from several trees. Wind gusts to 60 mph accompanied the hail. Another thunderstorm produced strong winds and damaging hail in Grant and Roberts Counties. North of Milbank along both sides of Highway 15, crops incurred considerable damage. An area 17 miles northeast of Sisseton into Browns Valley, to Mud Lake saw crop damage from golf ball size hail.

Several strong thunderstorms developed in northwest Iowa and moved to the southeast. Most of the storms contained hail. The size of the hail was not that impressive, but much of the hail fell for long durations of time and piled up to several inches. Clay County received some large hail and damage was widespread. Damage was also noted in Plymouth, Cherokee, Ida and northern Buena Vista counties. Later in the afternoon, another strong thunderstorm cell moved from Minnesota into Osceola and Dickinson counties dumping one-inch hail.

Very cool weather in the East resulted in several new daily record low temperatures. At Raleigh, NC, the mercury dropped to 46°, not only breaking the daily minimum but is also the coolest temperature for so late in spring.

1987

Many cities in the central U.S. reported record high temperatures for the date. The high of 97° at Flint, MI tied their record for June, and the high of 101° at Milwaukee, WI marked their first 100 degree reading in 32 years. Half a dozen cities in Montana and Arizona also reported new record highs for the date, including Phoenix, AZ with an afternoon high of 115°.

Thunderstorms brought much needed rains to South Texas, drenching McAllen with 3.2 inches in just one hour. A thunderstorm soaked the town of Uncertain with 2.3 inches of rain in one hour.

1988

The season's first heat wave continued across the Northeast with record setting high temperatures of 99° at Newark, NJ, 96° at Baltimore, MD, and 94° at Burlington, VT.

1989

Thunderstorms developing ahead of a cold front produced severe weather from the Central Gulf States to the Middle Atlantic Coast Region during the day and into the night. There were 62 reports of large hail or damaging winds. Thunderstorm winds caused \$28 million dollars damage in Montgomery County, Maryland. Severe thunderstorms ripped Bethesda, northwest of Washington, D.C. with wind gusts in excess of 80 mph, 150,000 homes without power, thousands of trees and limbs were downed and millions in damage resulted.

1990

Shadyside, OH was destroyed by a wall of water up to 30 feet high causing 26 fatalities. The flooding was caused by 4 inches of rain that fell in just 75 minutes. Localized, excessive rainfall fell on saturated ground over southeastern Ohio during the evening, resulting in a 15 to 20 foot wall of water that raced down three small tributaries of the Ohio River.

1998

The spring of 1998 was a wet one across parts of the Midwest and Northeast. A wet, stormy spring with numerous severe weather outbreaks broke rainfall records. The West had its wettest May-June ever, and April-June was the wettest such period since at least 1895 in Rhode Island and Massachusetts.

Atlantic, IA, set a state record for daily precipitation, measuring 13.18 inches of rain.

Corpus Christi, TX set their all time record high at that time with a reading of 106°. This record was broken on 9/4/2000 with 107°. This record was very short lived as the next day, 9/5/2000, the temperature soared to their current all-time record high of 109°.

2000

San Francisco, CA soared to 103° to tie their all-time record high temperature. San Jose, CA set a new all-time record high temperature with 109°.

2001

Severe thunderstorms with damaging winds ripped across parts of southeastern Kansas early in the afternoon. Clusters of severe thunderstorms developed over the Flint Hills of southeast Kansas and across north central Oklahoma. The severe thunderstorms produced damaging wind gusts ranging from 60 to 80 mph.

Heavy wet snow fell along the Beartooth foothills in Montana. Snowfall totals included: 24 inches 9 miles south of McLeod, 18 inches just west and south of Red Lodge, McLeod & Mystic Lake: 12 inches, Stillwater Mine: 6 inches and Red Lodge: 1 inch.

2007

Lightning injured 33 Finnish soldiers during a night exercise in western Finland when a sudden

thunderstorm raged over the area. Three soldiers were seriously injured.

2009

A complex of severe thunderstorms produced large hail and funnel clouds across the urban corridor of Denver, CO. The line formed along a boundary over the western suburbs of Denver, CO then moved east. The boundary produced at least one well defined funnel cloud that was observed by a stadium full of baseball fans at Coors Field. Large hail up to 1.75 inches in diameter was reported at Arvada, Broomfield, Denver, Federal Heights and North Glenn. In addition, the storm produced wind gusts from 60 to 74 mph. A peak gust of 58 mph was observed at Denver International Airport.

June 15th:

1879

McKinney, ND received 7.7 inches of rain in 24 hours setting a state record.

1887

This was the wettest day at Regina, Saskatchewan Canada as 6.31 inches of rain fell.

1896

The temperature at Fort Mojave, CA soared to 127°, the hottest reading on record for June in the U.S. The low that day was 97°. Morning lows of 100° were reported on the 12th, 14th and 16th of the month.

1940

A high temperature of 116° at Las Vegas, NV set their all-time hottest June reading.

1953

Dust devils are usually benign weather phenomena; however, two boys were injured by one on this date near Prescott, AZ. One of the boys suffered a black eye, and the other boy had two vertebrae fractured by wind-blown debris.

1957

East Saint Louis, IL was deluged with 16.54 inches of rain in 24 hours, setting a state record.

1959

Mt. Mansfield, near Stowe, VT, received four inches of snow.

1960

A heat burst struck Kopperl, TX, located about 50 miles southwest of Fort Worth from a dying thunderstorm. As the air sank, it warmed to around 140°. When the heat burst struck the ground, winds fanned out at over 75 mph. People had to wrap themselves in wet blankets to protect themselves from the heat. Crops were burned to a crisp.

1963

Heavy rain and hail raved parts of the northern Colorado Rockies. In southeast Denver, heavy rain flooded homes and streets. Hail to a depth of 4 inches on the ground stripped trees and drifted in to depths of 3 to 4 feet in places. Flood waters were as deep as 19 feet in places trapping many cars. Many creeks ran over their banks. A cell passed over Denver dropping 4 inches of rain in just 90 minutes. Damage totaled near a million dollars.

1967

Scottsbluff, NE recorded the last of 11 consecutive days with measurable precipitation, their longest streak on record.

1968

Severe thunderstorms brought heavy rain and high winds to much of the western two-thirds of Oklahoma. Winds gusting more than 70 mph dislodged a home from its foundation in Lawton, while winds stronger than 100 mph did extensive damage in Chickasha. The exact wind speed in Chickasha was not determined; because the wind gauge could only measure winds up to 100 mph. Torrential rain amounted to 7 inches in just a few hours near Loyal.

1977

Heavy rains fell for two consecutive days across east central South Dakota through the 16th. Thunderstorms would develop and then move across the same areas repeatedly in what is called a train echo pattern. Rain amounts in the area included 6.9 inches at Watertown, 6.5 inches at Volga, and 7.5 inches at Bruce.

1978

This was a rough day across portions of western and central South Dakota. A tornado touched down in Lemmon then skipped through town causing considerable damage. Numerous severe storms tore through central South Dakota with hail as large as baseballs and winds to 80 miles an hour causing \$20 to \$25 million dollars in damage across 15 counties. Several counties were declared disaster areas by the Governor of South Dakota.

1987

Thunderstorms developing along a cold front produced severe weather in the northwestern U.S. A tornado damaged five homes and destroyed a barn near Salmon, ID. It lifted a metal shed 100 feet into the air, and dropped it 100 yards away. Hail an inch and a half in diameter caused \$10 million dollars damage to automobiles at Nampa, ID.

1988

Severe thunderstorms across parts of the Rockies and Central High Plains region spawned five tornadoes around Denver, Co in just one hour. A strong F3 tornado in southern Denver injured 7 people and caused \$10 million dollars damage.

Many cities in the eastern U.S. reported record high temperatures for the date. The high of 97° at Portland, ME was a record for June.

1989

Thunderstorms produced severe weather over the Mid Atlantic Coast and Southern States. The thunderstorms spawned 8 tornadoes, including a strong F3 which injured three people at Mountville, PA and four people at Columbia, PA. There were 111 reports of large hail or damaging winds, including wind gusts to 80 mph at Norfolk, VA and Hogback Mountain, SC.

A late-season frost occurred over parts of the Midwest. Scattered areas of frost caused considerable damage to the corn crop in low-lying areas across northern Iowa. Damage was estimated to be around \$2 million dollars. The hardest hit counties were in Winnebago, Kosuth and Hancock Counties.

1991

The largest volcanic eruption of the 20th Century began as Mt. Pinatubo injected 15 to 30 million tons of sulphur dioxide 100,000 feet into the atmosphere. 343 people were killed in the Philippines as a result of the eruptions and 200,000 were left homeless. Material from the eruption would spread around the globe, leading to climate changes worldwide as the sun's energy was blocked out and global temperatures cooled by as much as one degree Fahrenheit. 1992 was globally one of the coolest since the 1970s.

On the same day Mt. Pinatubo awoken from its 635-year slumber, Typhoon Yunya crossed the Luzon province in the Philippines. Mudslides and flooding caused many deaths and added with impacts of Pinatubo left more than a million homeless.

1992

The second largest two-day tornado outbreak in U.S. history commenced as a developing cumulus cloud broke through the cap in north central Kansas and exploded into a huge supercell thunderstorm. Between 4:15 and 8:35 pm CDT, this supercell produced 39 tornadoes in north central Kansas including 12 in Mitchell County and 9 in Osborne County. Some of the storms reached an amazing 78,000 feet into the atmosphere. A farmer living south of Cawker City reported going to the basement in his farm home five different times and each time he came out of the basement, his farm had additional damage. He also reported that at one time, he counted 3 tornadoes on the ground and 4 funnels in the air. Damage to property in Mitchell County exceeded \$12 million. Overall, 58 tornadoes struck the Great Plains during this outbreak.

1997

A tornado touched down at the Colorado National Speedway near Dacano north of Denver, CO. The twister ripped through the south grandstand causing damage to a shed, kiosk, bleachers and several concession stands.

June 16th:

1794

A frost was reported at Mansfield, MA, repeating a previous occurrence made on May 17th.

1806

A total eclipse of the sun was visible from Massachusetts to Southern California lasting about five minutes.

1906

On this date through the 17th, a tropical storm moved north out of the Caribbean, through the middle Florida Keys and exited into the Atlantic near West Palm Beach, gaining hurricane strength over the Atlantic.

1917

The temperature soared to 124° at Mecca highlighting the most destructive heat wave on record in California history.

1921

Yosemite Valley, CA received a trace of snow, their latest on record for this late in the season.

1924

A short, but intense heat wave in Wichita Falls, TX reached its peak on this date. The maximum temperature was 111°. This followed a high of 110° on the previous day, and was followed by 108° the next two days.

1944

A tornado in Sioux City, IA traveled an odd course. The twister spun in one place for about 20 minutes, made a U-turn, traveled southeast for about three miles and then traveled in every direction on the compass before dissipating.

1961

Bakersfield, CA hit 113° for the second straight day. Daily records were broken from the 14th through the 17th.

1964

A late season snowfall left a trace of snow over all of northern Maine.

Guttenberg, IA set a record low for June with 40°.

1965

Severe floods occurred in Colorado as 12 to 14 inches of rain fell on portions of the east slopes of the Rockies and the plains east of Denver. 14 inches fell in just three hours at Palmer Lake and Larkspur, CO with 12 inches at Castle Rock. A wall of water as high as 20 feet roared down both branches of Plum Creek into the South Platte River near Littleton and through Metro Denver. Flood waters spread to a width of a half mile in Denver. The citizens of Denver received reports of the flooding to the south and had a few hours to initiate evacuation procedures along the South Platte River greatly limiting the loss of life. Around midnight, the torrent crested at 25 feet above normal with the flow exceeding 40 times normal. This is the record flood on the South Platte and many of its tributaries. Many homes and businesses were destroyed. Damage totaled \$230 million dollars. 8 people were killed. The flood crest did not reach Nebraska until the 20th.

1972

Agnes was born, forming as a tropical storm east of the Yucatan Peninsula. Agnes would be a storm with two distinct lives. She would move north over the Gulf of Mexico and strike the Florida Panhandle as a minimal hurricane. A few days later, the remnants of Hurricane Agnes would be rejuvenated over the Northeast, dumping heavy amounts of rain and causing record flooding from the 20th through the 24th.

1981

The temperature at San Diego, CA hit 100°, one of only two days in June a reading of 100° or higher was reached (6/10/1979). Other record highs included: Santa Ana: 109°, Riverside: 106° and Escondido: 102°. Record high minimum temperatures were set in San Diego each day for 11 consecutive days starting on this date.

1987

Temperatures soared above 100° across parts of the Upper Midwest, reaching 104° at Lincoln, NE.

Thunderstorms produced wind gusts to 96 mph at Valley City, ND, and baseball size hail near Red Oak, IA.

1989

Daytime thunderstorms produced severe weather from northern Florida to the Mid Atlantic Coast. The thunderstorms spawned eight tornadoes, and there were 138 reports of large hail or damaging winds. Thunderstorm winds gusting to 87 mph caused \$20 million dollars damage at Columbia, SC. Strong thunderstorm winds killed one person at McLeansville, NC.

1992

Violent, tornadic thunderstorms exploded late-afternoon, in association with a deep low pressure system over northern Nebraska. There were 65 tornadoes reported across the Central U.S.; including 27 in Minnesota. In addition, the storms produced baseball size hail, 80 mph straight-line winds and up to seven inches of rain. An F5 tornado leveled half of the town of Chandler, MN, where one person was killed and 35 others injured. It was the only F5 tornado of the year and the first half of the 1990's in the United States. A canceled check from Chandler was later found 95 miles away. The tornado reached its maximum strength as it topped a hill on the edge of Chandler, descending with fury on a residential area. Damage estimates in Chandler and Lake Wilson alone topped \$27 million dollars.

Ferocious thunderstorms also tore across portions of central and eastern South Dakota and southwest Minnesota doing tremendous damage. Large hail, strong winds, and numerous tornadoes were included in the days' outbreak. In South Dakota a tornado caused major destruction as it moved northeast across Ft. Thompson. The tornado destroyed, at least, 4 homes and 15 mobile homes and damaged some 20 other structures. At the Shady Bend campground 19 campers and several boats were destroyed. All told the storm left 55 people homeless. Additional storms dropped large hail,

including baseball size stones in Sanborn County which flattened crops and killed livestock. The two-day count of twisters was 123, second only to the Super-Outbreak of April 3-4, 1974.

A rare mid-June wind event wrecked havoc across northern Colorado when a Pacific cold front moved across the Rocky Mountains. Strong winds of 40 to 50 mph were common along the Front Range foothills. Wind gusts of 107 mph in the foothills west of Denver and 79 mph at Longmont caused damage ranging from toppled trees to rolled dump trucks. The winds also downed power lines.

1998

An unseasonably cold storm brought snow to elevations above 7,000 feet in the Beartooth Mountains in Montana. Cooke City received 4 inches. Seven campers had to be evacuated from the Red Lodge Creek Plateau.

2000

Thunderstorms produced up to 6 to 8 inches of rain during a 6 to 8 hour period in central and southern Barry County, Missouri. Significant flash flooding occurred as a result of the copious rainfall. The flood waters destroyed 14 homes in Cassville, MO and damaged 32 homes and 26 businesses. Much of the area around the Roaring River State Park had to be evacuated as the waters rose.

2001

Lightning struck after rain had ended and the sun was shining killing a teenage girl south of Wakefield, Quebec Canada; just outside of Montreal. The same thunderstorm shocked 11 soccer players and spectators in a Montreal park. Though some were burned, none were seriously injured.

2004

A two-hour rainstorm deluged southwest Sioux Falls, SD with 7.79 inches of rain, flooding streets and homes. The Big Sioux River overflowed closing several parks and bike trails.

A lightning strike about 12 miles south of Mesquite, NV started a wildfire that charred over 8,400 acres. The fire was named the Nickel Fire and burned until the 23rd. The fire caused two minor injuries, but no structures were lost.

Heavy thunderstorm rains produced flash flooding in Lagos, Nigeria stranding thousands of commuters as public transportation was halted.

2008

Western and central New Yorkers experienced a rare widespread large and damaging hail event. A warm humid air mass at the surface combined with an increasingly cold air mass advecting in aloft. Thunderstorm activity initially focused on the main lake convergence boundary between the Lake Erie and Lake Ontario breezes. The first cells exploded over Niagara and Orleans counties shortly before 1 pm and reports of hail came in almost immediately. For the next two hours, cell after cell rolled along a similar path across southern Niagara, southern Orleans, Monroe, Wayne and northern Cayuga counties many of which had hail of up to an inch-an-a-half diameter. The activity waned for next few hours but after some additional heating due to clearing skies, more hail-filled cells developed. These storms produced hail up to two inches in diameter, a rare event for western New York. One particular thunderstorm formed over Grand Island intensified as it moved southeast across the densely-populated northern and eastern suburbs of Buffalo. The golf-ball sized hail damaged thousands of automobiles as well as windows, roofs and awnings on homes. At the Amherst Middle School, the hail pierced 1200 to 1500 holes in the skylight roof. While property damage was significant, the damage to area crops was devastating. The hailstones pummeled fruits leaving divots and cracks. Vegetable plants were stripped of their leaves. Apples, peaches and pears that were not stripped from the tress and could have been sold for eating fresh will have to be sold for processing at a substantially lower cost because of being misshapen and bruised. The U.S. Department of Agriculture issued a Disaster Declaration for Erie, Genesee, Monroe, Ontario, Orleans and Wayne counties.

June 17th:
1775

The Battle for Breed's Hill near Bunker Hill took place. The diary of Edward Holyoke reported the weather as "serene, dry air, hot - 80° - W and WSW winds."

1859

It was 133° at Santa Barbara, CA from hot Sundowner winds. This incredible (and disputed) record may be the highest coastal temperature ever recorded on Earth as is only three degrees off the world record. Accuracy is discredited as the temperature sensor was in full sun. The heat was reported to have roasted fruit on one side.

1882

An F5 tornado traveled more than 200 miles across the state of Iowa killing 130 people. The tornado touched down about 90 miles west of Grinnell, and struck the town and college around sunset, killing as many as 68 people. Traveling at nearly 60 mph, the tornado hit Mount Pleasant about 11pm. Total damage was around \$1 million dollars.

1946

The third deadliest tornado in Canadian history struck southwestern Ontario from Windsor to Tecumseh. 17 people were killed and hundreds injured. Damage was conservatively estimated at \$1.5 million dollars.

1959

A tropical depression spawned several tornadoes, the most severe in Miami, FL since 1925. A tornado moved northeast through Miami, across Biscayne Bay and then out to sea. 77 people were injured, mostly from flying glass. Heavy rain caused crop damage in southwest Florida and tides were 2 to 3 feet above normal from St. Petersburg to Naples. On this date through the 21st, heavy rains over the southern peninsula caused considerable flooding in poorly drained and low lying agricultural areas and some residential sections. Considerable pasture land and some citrus land, particularly in the Indian River section, were inundated. Some highways also sustained flood damage. High tides along the west coast from Tampa south damaged boat docks and caused beach erosion. 5-day rain totals were mostly 7 to 12 inches with some scattered amounts 15 inches or more reported. This Depression went on to become a hurricane and killed 33 lobster fishermen in the Canadian Maritimes.

1960

Heavy rains just west of Binghamton, NY produced 3 inches in less than 30 minutes. Flash flooding was reported in Johnson City, Vestal, and the northern sides of Endicott, NY.

1965

Holly, CO was deluged with 11.08 inches of rain to establish a state 24-hour rainfall record.

1967

This was the 24th consecutive day of at least a trace of precipitation at Denver, CO. Precipitation totaled 5.87 inches during that period; more than a third of their total annual rainfall.

1968

On this date through the 18th, Tropical Depression Brenda crossed Key West, FL and moved through central Florida exiting into the Atlantic near Jacksonville. This storm gained hurricane strength north of Bermuda.

1971

Hurricane Bridget passed just 30 miles off of Acapulco, MX. The storm was the worst in 25 years as winds gusted to 100 mph. The flagship of the Admiral of the Mexican Navy went down during the storm.

1978

An F2 tornado hit the showboat "Whippoorwill" on Pomona Lake in Osage County, Kansas as it left the dock for a dinner cruise. 16 of the 58 passengers drowned as the boat capsized, making the twister the deadliest tornado of the year.

1982

On this date through the 18th, a subtropical storm moved from the southeast Gulf of Mexico, northeast across the central Florida Peninsula into the Atlantic causing at least 12 tornadoes, high winds, extensive beach erosion along the west coast, and heavy rain that flooded rivers and urban areas. From Tampa Bay to Naples some waterfront building suffered damage from undermining and damage to marinas and small boats was widespread. Heavy rains caused flooding of six rivers and creeks in west central Florida. On the Manatee River, 20 families were evacuated. The Peace River crested a week after the storm causing the evacuation of 130 families. A one and a half year old boy drowned in a flooded drainage ditch, and a Brevard County woman drowned when her canoe turned over, her four year old son was rescued after clinging to the canoe for six hours. 12 tornadoes were reported between the morning of the 17th and the morning of the 18th from Dade and Broward Counties to Polk and Volusia counties. On the evening of the 17th, a tornado destroyed five trailers and two cars in northwest Hendry County, killing a man in a trailer and seriously injuring his wife. In Glades County, five more trailers, a cabin, and a camper were destroyed by the same tornado injuring three people. Another tornado moved through the Lake Josephine area in Highlands County destroying 23 homes and mobile homes and damaging many more, injuring nine people. The 10 other tornadoes caused much property damage, but no deaths or serious injuries.

1985

The highest wind occurrence at Columbia, MO was recorded at 95 mph. This wind occurred on the same day that a tornado struck the Columbia Regional Airport causing damage to 22 planes.

1987

Thunderstorms produced severe weather in the south central U.S. Thunderstorms in Kansas produced wind gusts to 76 mph at Lyons, and baseball size hail at Garden City.

The Edwards Aquifer, which supplies water to San Antonio, TX, reached a record level of 699.2

feet following a record 18.43 inches of rain over the previous 30 days. Torrential rains between mid May and mid June sent 8.8 million acre feet of water down the rivers of southern Texas, the largest volume in 100 years of records.

1990

A line of thunderstorms developed ahead of a cold front in northwestern Iowa. Severe weather with this line of storms was mostly due to strong straight-line winds. Reports of trees and outbuildings being downed were very extensive. Just southeast of Salix, six-inch diameter tree limbs were thrown through the side of a trailer, and 2x4s from one building were buried two to three feet into the ground. Extensive damage was also reported from Climbing Hill to Correctionville. Microburst winds of 105 mph were recorded at the Spencer Airport.

1991

Record cold occurred over the Pacific Northwest. New record low temperature marks were established at Burns, OR with 31° and Yakima, WA with 36°.

1992

Four consecutive days of severe thunderstorms and heavy rains from the 15th through the 18th resulted in flooding across northeast and east central South Dakota. Heavy rains of 5 to 20 inches caused extensive flooding, washing out numerous roads, bridges, and culverts and drowning livestock. Many crops in northeast and east central South Dakota were either flooded out by the heavy rains or severely damaged by hailstorms. The Big Sioux River swelled to almost three miles wide in places. Many houses and farm buildings were left as islands after being completely surrounded by water. Exhausted farmers battled the flood waters to save their livestock, with many animals dying. The main flooding along the Big Sioux River extended from the Watertown area to near Dell Rapids and lasted for a week.

Springfield, IL saw a high temperature of 89° on this date. This in itself isn't unusual for June. However, this ended up being the warmest temperature recorded in June 1992. Since weather records began in Springfield in 1879, only eight Junes have failed to record a temperature of 90° or higher.

1994

12 days of temperatures in the 90s and heat indices over 100° produced numerous reports of heat related illnesses and minor damage to crops. At St. Louis, MO four deaths and 33 heat related illnesses were reported from this date through the 23rd. In the county of St. Louis, 10 heat related illnesses were reported.

1997

What a difference a few miles and an ocean makes. The morning low at the Atlantic City Airport, NJ was 47°, cool enough to set a record. A short distance away, at the state marina, the temperature was a milder 61°.

1998

A freak snowstorm dropped up to 8 inches of snow over the Snowy Mountain Range in Wyoming. The snow stranded travelers on the Snowy range pass and required plows to assist them in getting out.

2001

Tropical Storm Allison formed off the coast of Texas and moved inland on the 6th. The storm remained well organized and brought torrential rain and flooding from Texas, through the southern states and into the Mid-Atlantic region on its 10 day journey to the Atlantic Ocean. Allison regained tropical storm strength again east of Atlantic City, NJ. Rainfall amounts of more than 10 inches were measured in the northwest suburbs of Philadelphia, PA.

A weak tornado touched down briefly in the town of Newry, ME. The main damage was to about 200 trees. The interesting thing about the F1 tornado was that it struck the same piece of property that had been struck by a tornado less than one year earlier.

2004

A 100 year-old bank building in Toyah, TX was destroyed when strong winds affected the community. Radar reflectivity data depicted strong to severe thunderstorms well to the west of Toyah in adjacent Culberson County, however, only light reflectivity returns were indicated in the Toyah area and appeared to be associated with anvil blow-off down wind of the severe storms. The Reeves County Emergency Manager reported winds around 50 mph when the building was destroyed. These winds were likely associated with outflow from the distant storms. The structural integrity of the historic building may have been compromised by the extensive flooding event which affected the community in early April.

2009

Torrential rains drenched Abercrombie, ND with 7.5 inches of rain, shattering the previous daily maximum rainfall record of 2 inches set in 1959 and exceeding the previous all-time rainfall record of 4.9 inches set on 6/30/1958.

A tornado leveled a house, knocked down power poles and overturned about a dozen railroad cars at Aurora, NE. The tornado was rated EF2, with winds between 111 and 135 mph.

Soaking rains across the middle south of Chile in South America left 24-hour rainfall totals of 3.15 inches at Valdivia, 2.22 inches at Osorno and 1.61 inches at Concepcion.

June 18th:

There is at least one tornado touchdown somewhere in the United States on at least half the days in a typical year.

An outbreak of more than 10 tornadoes in a single day occurs around 9 times a year or 2.4% of the days.

1835

A tornado moved southeast across west central Illinois, touching down midway between Canton and Fairview. Farms were destroyed before the tornado moved across Canton, where 50 buildings were damaged or destroyed. The tornado killed 8 people, including the founder of Canton and his son.

1875

A severe coastal storm, possibly a hurricane struck the Atlantic coast from Cape Cod to Nova Scotia. Eastport, ME reported wind gusts to 57 mph.

1954

Just before sundown a heavy squall line 4 to 5 miles offshore and paralleling the Florida Keys for 15 to 18 miles, developed 11 funnel clouds. At least five reached the water.

1958

Hailstones up to four inches in diameter killed livestock as a storm passed from Joliet to Belfry in Carbon County, Montana.

1964

A tornado moved from south-southwest to north-northeast damaging three farmsteads between Hoven to 8 miles north-northwest of Bowdle in South Dakota. This tornado was estimate to have F2 strength. An estimated five inches of rain fell in three hours near Bowdle causing soil erosion just before the tornado hit. Another storm moved from south to north and intensified as it moved northward. Winds were estimated between 50 and 100 mph. The greatest damage was in McPherson County where it was estimated 2 million dollars in crop damage occurred. Heavy rain was also observed on this day. Some storm total rain fall includes; 6.73 inches in Eureka, 4.28 in Roscoe, 3.75 in Leola, 2.68 in Shelby, 2.45 in Britton, and 2.31 inches in Ipswich.

1970

Wind and rain, and hail up to seven inches deep caused more than \$5 million dollars damage at Oberlin, KS.

1972

Hurricane Agnes moved northward through the Gulf of Mexico at 10 to 15 mph about 200 miles off the west coast of Florida. It was well west of Ft. Myers at 2000 on the 18th and passed west of Tampa near 0600z on the 19th and made landfall in the Panhandle near Cape San Blas in the afternoon. Gale force winds were felt throughout the state, but no hurricane force winds were reported. Agnes spawned the worst tropical cyclone severe weather outbreak in Florida history on this date and the 19th when the outer rainbands produced tornadoes and severe thunderstorms over the peninsula. Almost two dozen tornadoes and windstorms were reported from the Keys to Cape Canaveral. Six people were killed and 40 injured in Okeechobee when a series of windstorms, that may have been tornadoes, destroyed mobile homes at 2255z on the 18th. The highest tides in many years along the west coast destroyed homes and businesses, washed away roads and cut off access to many offshore islands. There was severe beach erosion. Damage estimates total \$5 million dollars to public property and \$36 million dollars to private property. One person drowned on the west coast and another death was attributed to a storm-related fatal heart attack.

1973

The latest significant snow (2 inches or more) on record for the Black Hills in South Dakota occurred on this date when portion of the Hills received up to 8 inches.

1987

It was a hot day in the Upper Great Lakes Region. Several cities in Michigan and Wisconsin reported record high temperatures for the date. The high of 90° at Marquette, MI marked their third straight day of record heat. Genoa, WI recorded their hottest June temperature of 101°.

Severe thunderstorms in the Northern and Central Plains Region spawned six tornadoes in Wyoming and Colorado. Wheatridge, CO was deluged with 2.5 inches of rain in just one hour.

1988

Severe thunderstorms in eastern North Dakota and northern Minnesota produced hail 3 inches in diameter and spawned 4 tornadoes in Steele County. Thunderstorms also produced wind gusts to 80

mph at Clearbrook, MN.

1989

Unseasonably hot weather prevailed in the southwestern U.S. In Arizona, afternoon highs of 116° at Yuma, 115° at Phoenix, 113° at Tucson and 103° at Winslow were records for the date.

1990

A cold front, accompanied by severe thunderstorms, moved quickly across western and central New York during the morning hours. The thunderstorms downed trees and power lines causing numerous power outages. Near zero visibilities from heavy rain and downed power lines also caused traffic problems during the morning rush hour. Several reports of homes damaged by falling trees were received. A state of emergency was declared in Brownville as downed trees and power lines blocked the main streets. Two people were trapped in their cars when live wires fell onto the street. Two trailers were overturned in Antwerp. A waterspout was sighted in Henderson Harbor. The water rose 10 feet near the waterspout, reported to be 150 feet high, 30 feet in diameter, and lasting six minutes.

1991

Atlanta, GA recorded a new record for the amount of rainfall in one hour as 3.47 inches fell between 6:52 pm and 7:52 pm EDT.

1992

Indianapolis, IN was belted with a vicious severe thunderstorm during the early morning hours. It produced the entire cycle of severe weather types. A tornado was reported five miles to the northwest, hail 1.25 inches in diameter fell, winds gusted to 62 mph, continuous lightning was observed, and 2.05 inches rain fell for the storm with 1.19 inches falling in one hour. The airport control tower was evacuated during the height of the storm.

Severe thunderstorms brought very large hail to parts of central and north-central Oklahoma. Baseball-size hail fell near Yale, Kingfisher, Cashion, and El Reno. The hail damaged roofs, windows, and automobiles. The storms also produced four weak, short-lived tornadoes. This event marked the highlight of the biggest daily sustained late season severe weather outbreak across the U.S. on record. More than 800 reports of severe weather, including 172 tornadoes, poured into the National Severe Storms Forecast Center from the 15th to the 19th.

1993

In west central Kansas, heavy rain caused roads in the Syracuse area to flood. As much as one foot of water covered some roads for a short period of time. In Greeley County, golf ball size hail, driven by thunderstorm winds, damaged wheat and broke windows along a four mile path from five miles south of Astor to nine miles south of Astor. Trees were also blown down.

1994

A strong upper level heat ridge covering more than two-thirds of the country extended from the southwest to the northeast created numerous record highs for the date including: Detroit, MI: 99°, Madison, WI: 99°, Rockford, IL: 99°, Lansing, MI: 98°, Moline, IL: 98°, Fort Wayne, IN: 98°, South Bend, IN: 98°, Toledo, OH: 98°, Flint, MI: 97°, Houghton Lake, MI: 97°, Springfield, IL: 97°, Pittsburgh, PA: 97°, Williamsport, PA: 97°, Grand Rapids, MI: 96°, Mansfield, OH: 93°, Muskegon, MI: 91°, Indianapolis, IN: 96°, Buffalo, NY: 95° and Avoca, PA: 93°.

1995

A strong heat ridge extending from the central U.S. to the east coast provided record high temperatures for the date including: International Falls, MN: 99°, Alpena, MI: 97°, Marquette, MI: 96°, Green Bay, WI: 96°, La Crosse, WI: 96°, Milwaukee, WI: 96° and Duluth, MN: 94°.

Thunder Bay, Ontario Canada soared to record high of 102°.

1997

Over 6 inches of rain fell at Columbia, MS in a three hour period and 8.25 inches fell in a 24 hour period. Water entered thirty businesses in Columbia, with 12 of the businesses suffering major damage. Eight homes also suffered flood damage. Many roads were washed out and had to be closed. Numerous cars were under water. This event caused \$15 million dollars in property damages. Several roads were also flooded across the south half of Forrest County.

A weak tornado touched down in northeast Cheyenne, WY. The tornado, which destroyed a storage shed, was unusual in that it rotated anti-cyclonically instead of the usual counter-clockwise direction.

1998

Severe thunderstorms moved across a large portion of northern and central Illinois. Most of the damage occurred in the northeast part of the state, from near Rockford to the Chicago area. In Boone County, a 120-year-old barn was destroyed. Vehicles were blown off I-80 in Joliet, several schools in the Chicago area had damage, and numerous trees and power lines were blown down. A waterspout also formed on Lake Michigan.

Heavy rain of 3 to 4 inches fell during the late evening and early morning hours across part of eastern Faulk County in South Dakota. Several roads were flooded with some being closed. Officially, 2.94 inches of rain fell in Faulkton.

1999

Record morning chill occurred across the Plains, Midwest and Appalachians. Record lows for the date included: Lansing, MI: 37°, Elkins, WV: 39°, Muskegon, MI: 41°, Flint, MI: 41°, Pittsburgh, PA: 43°, Bluefield, WV: 46°, Covington, KY: 49° and Jackson, KY: 52°.

2001

An F3 tornado struck the small town of Siren, MN, killing three people and injuring 16 others. The twister damaged or destroyed nearly half of the town's homes and businesses. A tornado warning was issued 50 minutes before the storm struck, but the town's warning siren had been knocked out by a storm earlier in the year. The siren would have been rendered useless since the power went out anyway. An important lesson from the Siren storm: sirens should not be depended upon for receiving warnings: Purchase a Weather Radio.

2002

Much of central Europe enjoyed a very hot day; temperatures in the Netherlands peaked close to 95° in Arcen, while over the border in Koblenz the high of 103°, a new record June high. Meanwhile, the day before Auxerre in France reached 99°.

June 19th:

1794

A violent tornado commenced west of the Hudson River in New York. The tornado traveled through Poughkeepsie, then crossed the border into Connecticut where it traveled through the towns of New Milford, Waterbury, North Haven, and Branford. It then continued on into Long Island Sound. The tornado did extensive damage and the funnel was reported by one observer to look like the "aurora borealis".

1835

A tornado tore through the center of New Brunswick, NJ killing five people and scattering debris as far as Manhattan Island. The tornado provided the first opportunity for scientists to study firsthand the track of such a storm. Other smaller tornadoes were reported at Patterson, NJ, Kinderhook, NY, and Pine Plains, NY.

1934

A hurricane in the Gulf of Mexico came ashore in Louisiana, then moved northeast, passing over northern Delaware, Philadelphia, PA and central New Jersey as an extratropical storm, with sustained winds of 45 mph. Philadelphia received 1.70 inches of rainfall on the 18th into this date, and New York City had 1.93 inches on this date, a daily record. As the storm passed over Philadelphia, the pressure dropped to 29.40 inHg.

1938

A cloudburst that dumped up to 7 inches of rain weakened a railroad bridge on Custer Creek in Montana as the "Olympian" passenger train of the Chicago, Milwaukee and St. Paul Railroad approached with 140 people on board. The bridge collapsed as the train arrived at full speed, sending the locomotives and cars straight into the bank of Custer Creek. 49 people died and 65 were injured. Some of the bodies were washed downriver in the flood to Sydney, over 130 miles away.

1964

A squall line producing large hail swept through central Illinois, followed by two more consecutive lines passing shortly after dawn. The resulting hailstorms caused damage in excess of \$9 million dollars, as hailstones the size of grapefruits brought havoc to trees, utility lines, crops and buildings. The thunderstorms also produced as much as 5 inches of rain over an 8-hour period.

1965

The Arkansas River crested at 15.68 feet at Dodge City, KS. Heavy rains in Eastern Colorado combined with three broken dams started the torrent of water which flowed through Colorado and Kansas. The river rose seven feet in 15 minutes between 9am and 9:15am. The flood waters reached from the railroad tracks on the north side to just barely covering Beeson street on the south. The deepest part of south Dodge was about 7 feet under water. The deep water created other problems, when gas regulators were covered, pressure built up in the gas lines and Dodge City was rocked by explosions. Total urban losses in Dodge City and Wilroads Gardens were estimated at nearly \$3.8 million dollars, including damages to 615 residences and 155 businesses. 24 Kansas counties were declared flood disasters.

1972

Hurricane Agnes moved onshore near Cape San Blas, FL with sustained winds of 85 mph, and exited Maine on the 26th. As many as 129 deaths resulted, mainly due to flooding from North Carolina to New York State, and total damage was estimated at \$3.5 billion dollars. Up to 19 inches of rain

deluged western Schuylkill County, Pennsylvania; 14.8 inches in 24 hours. The rains of Hurricane Agnes resulted in one of the greatest natural disasters in U.S. history. Agnes caused more damage than all other tropical cyclones in the previous six years combined (which included Celia and Camille).

1975

Severe weather tore across the eastern half of South Dakota through the 20th. Strong winds and numerous tornadoes affected the state on consecutive days. During the evening, winds estimated at 80 mph did damage in Mitchell and separate tornadoes touched down briefly in Dimock and in Delmont. The two tornadoes damaged trees, power lines, and older buildings in the two towns. On the 20th, winds gusting to 100 mph blasted through Winner damaging several trailers. Also for the second day in a row residents of Aberdeen had a close call with tornadoes. A tornado touched down 7 miles north and 5 miles west of town, but lifted from the ground before striking the town. The next day tornadoes touched down 3 miles northwest of Aberdeen and then again 2 miles south of town. Fortunately, the tornadoes did little damage.

1987

It was a warm June day, with plenty of thunderstorms east of the Rockies. Lightning knocked out power at Throckmorton, TX, and ignited an oil tank battery. A woman in Knox City, TX was struck by lightning while in her car, and a man was struck by lightning near his home in Manatee County, Florida. Strong thunderstorm winds overturned several outhouses near Bixby, OK, but no injuries were reported.

1988

Several cities reported record high temperatures for the date as temperatures soared above 100 degrees in the central U.S. including: Lincoln, NE: 104°, North Platte, NE: 104°, Huron, SD: 102° and Norfolk, NE: 101°.

Severe thunderstorms in Minnesota and Wisconsin produced softball size hail near River Falls, WI, and wind gusts to 80 mph at Menomonie, WI.

1989

Several cities reported record high temperatures for the date as searing heat spread from the southwestern deserts into the High Plains Region. Record highs included Tucson, AZ: 112°, Valentine, NE: 107°, Sioux Falls, SD: 105°, Scottsbluff, NE: 105°, Albuquerque, NM: 103°, Rapid City, SD: 102°, Casper, WY: 99°, Billings, MT: 98°, Denver, CO: 98, Bismarck, ND: 97° and Colorado Springs, CO: 94°.

Eight tornadoes skipped across central Saskatchewan, Canada. Winds gusted to 81 mph and hail shredded crops at Blaine Lake.

1990

A derecho blasted through south central Kansas. A wind gust to 116 mph was recorded at Kingman. High winds caused severe damage to hangars at Jabara airport at Wichita. Many grain bins were toppled. Several radio towers north of Wichita were also toppled which disrupted the dissemination of warnings to the public. Total damage was around \$50 million dollars. The storm was termed "one of the most damaging of the century" for Wichita area.

Wichita, KS reported a record high of 105°.

1992

Two batches of severe thunderstorms, occurring within six hours of each other, dumped hailstones up to 4.5 inches in diameter (softball size) across Sedgwick and surrounding counties in south central Kansas. Over 10,000 homes were damaged. The hail left wheat fields near total losses. The hail also left most wheat fields in its path a near total loss with about 375,000 acres damaged in several counties. Estimated property damage totaled \$500 million dollars with crop damage at \$100 million dollars. The thunderstorm episode ranks as one for the worst ever to hit the state of Kansas.

1993

Heavy rains in the Upper Midwest started serious flooding on the Upper Mississippi and its tributaries as the Great Flood of 1993 was underway. The flooding would surpass all other American floods in terms of destruction and duration.

1994

Lightning struck and killed two golfers, and injured another, at the Lincoln Golf Course in northeastern Oklahoma City. These golfers were seeking shelter from a thunderstorm under trees when they were struck by lightning.

1996

Severe thunderstorm winds damaged a large hanger door and turned a Boeing 727 aircraft 180 degrees at Orlando International Airport in Florida. Lightning injured three landscape workers near the University of Central Florida.

2001

A dust devil formed near Las Cruces, NM. The whirlwind became a landspout when it moved under a developing thunderstorm. It remained on the ground for 15 minutes, observed by thousands of people. The thunderstorm winds caused some light damage that was attributed to the landspout/dust devil.

2002

arts of New Jersey that had barely gotten three inches of snow during the winter were buried in up to 8 inches of hail. People had to break out their snow shovels for the first time of the year.

2004

Annette Island, AK set their all-time record high temperature with 93°.

2008

Heavy rainfall caused severe flooding and mudslides across parts of South Africa. Hardest hit was the eastern province of KwaZulu-Natal, where four people died. Scottburg, KwaZulu-Natal received 5 inches of rain in 24 hours.

No June 20th