

Meteorology 10.01
Fall 2014

Term Paper Topics

1862 Great California Floods
1900 Galveston Hurricane
1935 Labor Day Hurricane
1938 New England Hurricane
Hurricane Carol (1954)
Hurricane Betsy (1956)
Columbus Day Storm (1962)
Palm Sunday tornado outbreak (1965)
Hurricane Gilbert (1988)
Hurricane Hugo (1989)
California Freeze (1990)
Oakland Hills Firestorm (1991)
The "Perfect Storm" (1991)
Hurricane Andrew (1992)
Hurricane Iniki (1992)
Storm of the Century (1993)
Midwest Flooding (1993)
California Flooding (1995)
West Coast Flooding (1997)
Hurricane Georges (1998)
Hurricane Mitch (1998)
Moore OK Tornado Outbreaks (1999 & 2013)
Hurricane Floyd (1999)
Tropical Storm Allison (2001)
Hurricane Isabel (2003)
Hurricane Katrina (2005)
Southeast Tornado Outbreak - Tuscaloosa (2011)
Midwest Tornado Outbreak – Joplin (2011)
US Summer Heatwave/Drought (2012)
Superstorm Sandy (2012)

Famous People in Meteorology

- Galileo
- Fahrenheit
- Celsius
- Luke Howard
- Beaufort
- Fujita
- Da Vinci

Specific Weather Topics

acid rain
air pollution
Air Quality Index (AQI)
atmospheric circulation
Aurora Borealis
ball lightning
blizzards
chinook wind
cloud types
contrail
cyclone
El Niño/La Niña
fall wind - katabatic wind
fires and weather
freezing rain
frost
Fujita scale (for measuring tornadoes)
fulgurite
global warming
hail
heat wave
hurricanes
ice storms
katabatic wind
lightning
history of meteorology
optical phenomena (rainbows, haloes, etc.)
ozone depletion (i.e., ozone hole)
Pacific Decadal Oscillation
paleoclimatology
Saffir-Simpson Hurricane Scale
Santa Ana Winds
smog
solar energy
space weather
temperature scales
thermometers
tornadoes
weather instruments
weather folklore
wind energy