Climate and Weather- Part 1: Introduction in

Climate and Weather

by Peter J. Robinson and Gregory B. Fishel, 2006

See also:

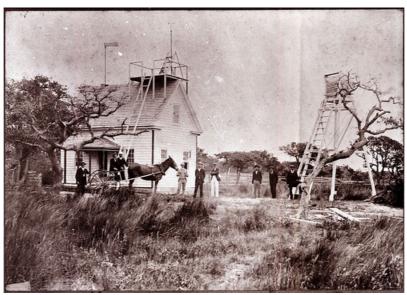
Climate and Weather Overview [2] (from NC Atlas Revisited) Weather and Climate in a Snap![3]

Related: <u>Hurricanes</u> [4]; <u>Tornadoes</u> [5]; <u>Wet Year</u> [6]; <u>Year without a Summer</u> [7]

Climate and Weather- Part 1: Introduction

Climate and Weather- Part 2: Climatic Factors, Precipitation Patterns, and Seasonal Trends

Climate and Weather- Part 3: Droughts and Floods in North Carolina



Weather Station, Hatteras Village, Roanoke Island, NC, no date (c.1900-1909). From the General Negative Collection, NC State

Part 1: IntroductionArchives, call #: N-77-4-19.

[10]

Climate and Weather in North Carolina are as varied as that of any state, with four distinct seasons and a wide variety of conditions and storms, from paralyzing snowstorms in winter to major hurricanes in late summer and fall. Because the state's geography ranges from Atlantic coastline [11] in the east to westernmountains [12] reaching several thousand feet in height, temperature extremes in North Carolina vary greatly from place to place and from season to season. The overall climate is relatively warm; even in the mountains, North Carolina's coldest region, the average temperature in January remains above freezing. The state's record low is -25°, recorded at <u>Grandfather Mountain</u> [13] in <u>Avery County</u> [14] on 30 Jan. 1966. North Carolina's highest recorded temperature, 110°, occurred at <u>Fayetteville</u> [15] on 22 Aug. 1983. The frost-free season in the state ranges from an average of 170 days in the west to 280 days in the east.

Keep reading >> Part 2: Climatic Factors, Precipitation Patterns, and Seasonal Trends [8]



References:

Jay Barnes, North Carolina's Hurricane History (3rd ed., 2001).

Charles B. Carney and Albert V. Hardy, Weather and Climate in North Carolina (1963).

William S. Powell, North Carolina: The Story of a Special Kind of Place(1987).

Additional Resources:

"Geography of North Carolina," *North Carolina Department of Public Instruction,* http://www.ncpublicschools.org/curriculum/socialstudies/elementary/studentsampler/20geography#maps [16]

"North Carolina: Facts, Map, and State Symbol," Enchanted Learning, last modified 2010,

1

http://www.enchantedlearning.com/usa/states/northcarolina/ [17]

"North Carolina Geography and Climate," Secretary of State/Kids Page, "http://www.secretary.state.nc.us/kidspg/ [18]

Image Credit:

Weather Station, Hatteras Village, Roanoke Island, NC, no date (c.1900-1909). From the General Negative Collection (original is in the H. H. Brimley Photograph Collection, PhC42_Bx7_Cape Hatteras_F10), North Carolina State Archives call #: N-77-4-19. Available from https://www.flickr.com/photos/north-carolina-state-archives/2434767382/ [10] (accessed October 31, 2012).

Subjects:

Geography [19] Weather [20]

Authors:

Fishel, Gregory B. [21] Robinson, Peter J. [22]

From:

Encyclopedia of North Carolina, University of North Carolina Press. [23]

1 January 2006 | Fishel, Gregory B.; Robinson, Peter J.

Source URL: https://ncpedia.org/climate-and-weather

Links

[1] https://ncpedia.org/climate-and-weather [2] https://ncpedia.org/climate-and-weather-overview [3] https://ncpedia.org/weather-and-climate-snap [4] https://ncpedia.org/hurricanes [5] https://ncpedia.org/tornadoes [6] https://ncpedia.org/wet-year [7] https://ncpedia.org/year-without-summer [8] https://ncpedia.org/climate-and-weather-part-2-climatic [9] https://ncpedia.org/climate-and-weather-part-3-droughts [10] https://ncpedia.org/geography/region/coastal-plain [12] https://ncpedia.org/our-state-geography-snap-mountain [13] https://ncpedia.org/grandfather-mountain [14] https://ncpedia.org/geography/avery [15] https://ncpedia.org/fayetteville-0 [16] http://www.ncpublicschools.org/curriculum/socialstudies/elementary/studentsampler/20geography/maps [17] http://www.enchantedlearning.com/usa/states/northcarolina/ [18] http://www.secretary.state.nc.us/kidspg/ [19] https://ncpedia.org/category/subjects/geography [20] https://ncpedia.org/category/subjects/weather [21] https://ncpedia.org/category/authors/fishel-gregory-b [22] https://ncpedia.org/category/authors/robinson-peter-j [23] https://ncpedia.org/category/entry-source/encyclopedia-