

Sunday August 14th: Today didn't start off like a typical Boulder summer day. When I woke up it was overcast and drizzling with a temperature of 55 deg F. We went hiking in the Snowy Range in Wyoming, and the skies cleared almost as soon as we crossed into Wyoming. The weather in the Snowy Range was perfect for hiking with temperatures in the 50s deg F and winds of 15 to 20 mph. When we returned to Colorado later in the day the sky had cleared of clouds, but it was still a bit hazy. The high temperature on campus was 73 deg F, the low temperature was 57 deg F, and 0.00 inches of rain was reported.

Monday August 15th: The weather in Boulder was a bit more summerlike than yesterday. The morning started out sunny with a bit of haze in the sky. Some fair weather clouds formed during the afternoon, and the cool weather in the evening made it feel like a fall evening. The wind was light during the day but picked up in the evening. The high temperature at CU today was 85 deg F and the low temperature was 56 deg F. Once again 0.00 inches of rain was observed.

Tuesday August 16th: Today was a bit more cloudy than yesterday with some high clouds this morning. The clouds became thicker in the afternoon and it looked like it might rain, but it never did. The wind was light for most of the day, but gusted as high as 20 mph in the late afternoon. The high temperature today was 83 deg F and the low temperature was 56 deg F. No rain was reported by the CU weather station.

Wednesday August 17th: This morning it was clear over Boulder, but there were some clouds over the mountains. Overall today was sunnier than yesterday, but also windier. Winds gusted as high as 40 mph today, with winds faster than 20 mph for a good part of the day. The winds were from the southwest and west today, and this caused the temperature to get pretty warm this afternoon. The high temperature reported by the CU weather station was 87 deg F and the low temperature early this morning was 46 deg F. Once again no rain was reported.

Thursday August 18th: As I rode into Boulder this morning there were some fair weather clouds in the sky, and it was a bit breezy in Boulder. The wind was gusting up to 20 mph. By noon it was hot and sunny and wind gusts as strong as 35 mph were reported on campus. The ATOC weather station in Lafayette reported slightly less windy conditions, with the strongest gust there at just over 20 mph. Later in the afternoon it looked like we might get a thunderstorm, but none formed in Boulder. The sky cleared in the evening making for a nice summer night. The high temperature on campus today was almost 90 deg F and the low was 50 deg F, with no rain reported.

Friday August 19th: Today wasn't as warm or windy as yesterday. In the morning the sky was clear. Clouds increased in the afternoon and there were some showers around, but none in Boulder. The weather observations from campus today were a high of 85 deg F, a low of 48 deg F, and no precipitation.

Saturday August 20th: The weather today had a split personality. This morning it was completely clear with light winds. Around 2PM the sky became very cloudy and it looked like it was raining in the foothills and east of Boulder. A look at the NWS radar indicated some heavy rain east of Boulder and the ATOC weather station in Lafayette reported over 1 inch of rain. About 2 hours after it became cloudy the wind increased to 15 to 20 mph and stayed gusty until almost 10PM. Today was a bit warmer than yesterday with a high temperature of 88 deg F and a low temperature of 54 deg F. There was no rain reported on campus.

Source of weather data:

<http://foehn.colorado.edu/weather/paos1>

<http://foehn.colorado.edu/weather/paos2>

Weekly Weather Web Page Summary
Week 1: 14-20 August 2005

Name: John Cassano
Student id: xxxxxxx

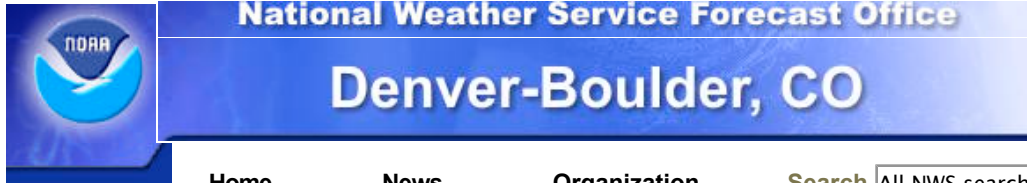
Web site address: <http://www.crh.noaa.gov/den>
Date and time visited: 5:00PM 11 September 2005

This web site is the official web site of the Boulder National Weather Service office. A wealth of weather information is available on this web site including forecasts for specific cities, hazardous weather information (warnings, watches, hazardous outlooks), current weather conditions, radar imagery, information on rivers and hydrology, climate data, and weather safety.

While visiting this site I looked at the Boulder forecast by typing in Boulder, CO in the forecast box at the top of the page. The forecast for tonight called for clear skies with a low temperature of 55 deg F. Breezy conditions are forecast for Monday, with winds from 20 to 30 mph and a high temperature of 80 deg F. The local weather observations were also available on the same page as the forecast. At the Broomfield / Jeffco airport at 3:48PM the temperature was 86 deg F, the dew point temperature was 36 deg F, the relative humidity was 17%, the winds were from the southeast at 12. A few clouds were also reported with a visibility of 60 miles. Another link from the forecast page provided the NWS forecast discussion for the area. This discussion provided information on the weather elements that were being considered for the days forecast, and the forecaster's expectations as to how these elements would come together to shape the weather over the next few days.

I also followed the *Climatology* link on the main page. This link led to a web page with a lot of local climate data. First I looked at the Denver Climatological Summary for the current month. Here I saw that through the first 10 days of September the average temperature at Denver was 7.3 deg F above normal and that the total precipitation for these 12 days was 0.42 inches below normal. This climatological summary also provided daily weather data for Denver including the daily high and low temperatures and the daily precipitation. There were also some very interesting links to information on Denver's climatic extremes from the main Climatology page.

www.nws.noaa.gov

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► **Experimental NWS Radar Imagery now Available.** Just click on the dot of the radar you are interested in.

► **UPD** Denver's climatological **summary** For August 2005.

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Interactive
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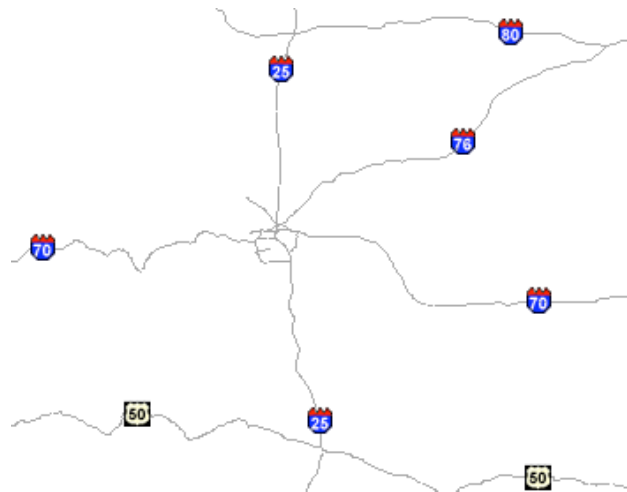
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Last map update: Sun, Sep 11th 2005 at 4:59:02 pm
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