

Searching for Rainfall Amounts
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RAINFALL AMOUNTS

1.) NCDC Most Popular Products/Free Data

<http://www.ncdc.noaa.gov/oa/mpp/freedata.html>

- Click on free data under Most Popular Products/Free Data
- Under Free Data B, click Individual Station Original
- Your access is free, so you can choose the state of the station
- Click next
- Choose the station you want to view and click next
- Select the year and month and click next
- Data record sheets will have to be shown as a PDF file

2.) Weather Underground

<http://www.wunderground.com/>

- At the top of the page, hover your mouse over the “Local Weather” tab.
- Click on History Data
- Under Weather History, enter your locations by either city, state or zip code
- Select the date you want then click Submit
- Scroll down and midway on the page is the precipitation amount. Other weather conditions are also available

3.) National Weather Service

<http://www.weather.gov/>

This is used if you want precipitation amounts within the past 3 days of the day you are viewing it.

- Enter your location in the upper left hand corner and click GO
- Scroll down. On the right hand side, under Current Conditions, but just above the satellite and radar images, click on “3 Day History:”
- Precipitation totals will be provided for every hour that precipitation occurred.

This is used if you want rainfall amounts for the current month and past month

- <http://www.weather.gov/>
- Enter your location in the upper left hand corner and click GO
- On the upper left hand corner, under the NOAA logo, click on the blue link for your local NWS office
- Scroll down. Midway on the left hand side under “Climate”, click on Local

- On the middle of the page, click on the NOWData tab
- Under Product, select Daily data for a month
- Select a location from the list
- Under month, select either Current Month or Last Month
- Click GO

RAINFALL AMOUNTS FROM RADAR

1.) Advanced Hydrologic Prediction Service

<http://water.weather.gov/precip/>

- Below the US image, under Timeframe, select either Current Data, Archive: Month/Year, or Archive: Daily
- Below one of these selections, select the day or time period you want to view
- Under Product, select Observed
- Under Location, select States (US map or individual states), or NWS RFC/Regions (region of the US), or NWS WFOs (radar for a NWS office).
- Select either English or Metric units
- Under the map on the left hand side, there is an option to either print or save the map
- Click on Print/Save Map. This opens the image in another tab.
- You can print the image or right click the image and select save image

2.) National Weather Service

<http://www.weather.gov/>

- Enter your location in the upper left hand corner and click GO
- Scroll down. On the bottom right, click on the radar image.
- On the left hand side under Rainfall, you can either view the 1-Hour Total as a single image or in a loop, and a Storm Total as a single image or in a loop.

3.) NCDC Radar Data

<http://www.ncdc.noaa.gov/oa/radar/radardata.html>

- Under More information, click on Download Data From NCDC Archive
- Click on the link NEXRAD Inventory Search
- Click on the blue dot for the radar you want to view
- Choose the month, day, and year
- Highlight LEVEL-II (Base Data)
- This will not show you how much rain fell, but will show you the mode that the radar was in (Clear air mode, Precip mode, Maintenance mode, Unknown mode). If it is in precip mode then you know it was precipitation at that time

4.) NCDC Radar Data

<http://www.ncdc.noaa.gov/oa/radar/radardata.html>

- Under More information, click on Download Data From NCDC Archive
- Click on the link “NCDC HDSS Access System (HAS) web page”
- In the Radar section, click on “NEXRAD Level II”
- Select the radar station that you want
- To the right, select the start and end dates that you want to view.
- Enter your email address.
- At the bottom click continue with selections.
- The files will begin to be downloaded. Once finished, you will be sent an email with a link to them. The more days you want to view, the longer the download will take. For one day worth of radar images, the download should take less than 5 minutes.
- The files will be in the .tar format. Unless you have a converter, you will not be able to view them.
- <http://www.7-zip.org/> 7-sip can be used to unzip the files for viewing.