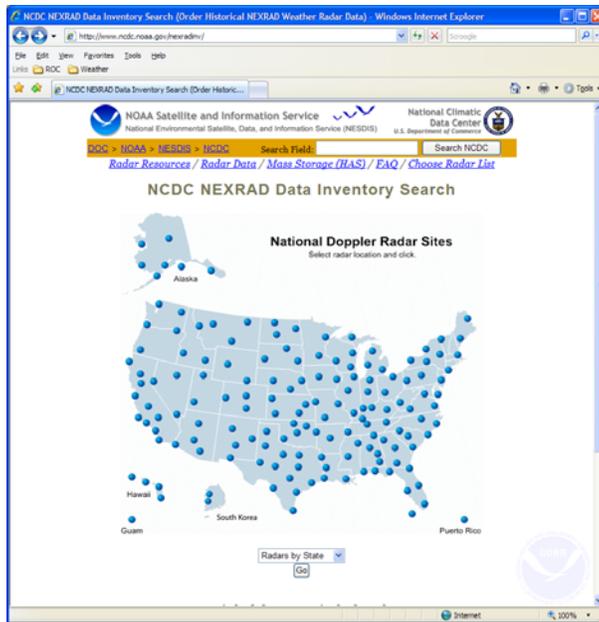


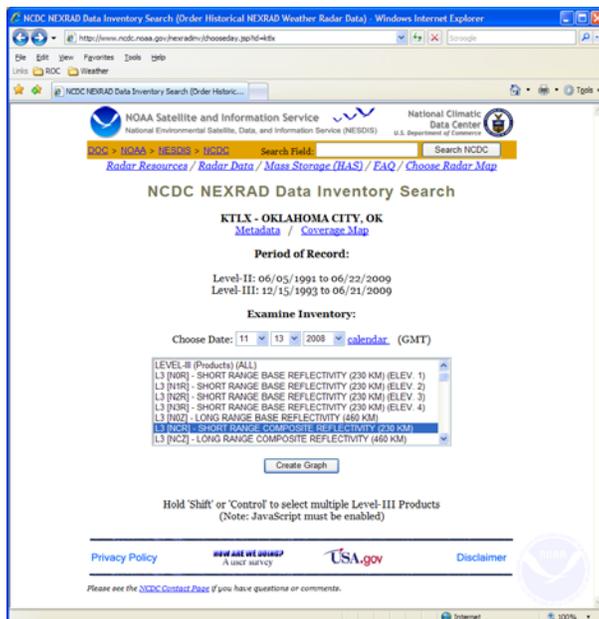
**HOWTO: View archived NEXRAD data
from the NCDC**

Part 1 – HOWTO view data that is weeks, months or even years old.

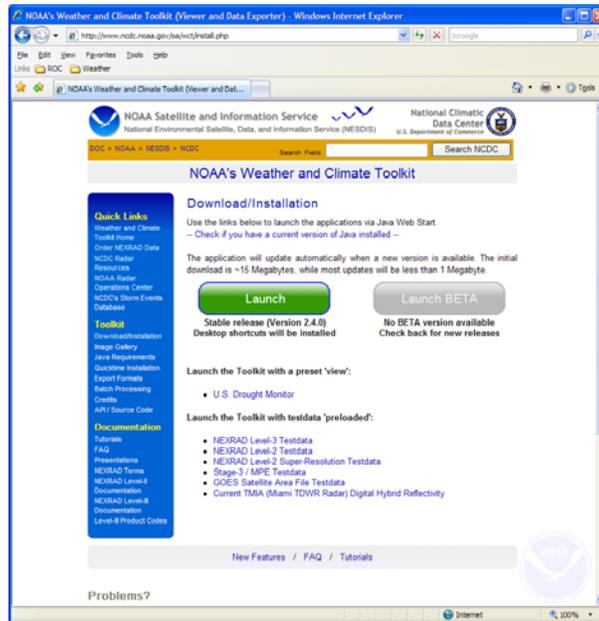
1. Visit the NCDC NEXRAD Data Inventory Search web page at <http://www.ncdc.noaa.gov/nexradinv/>



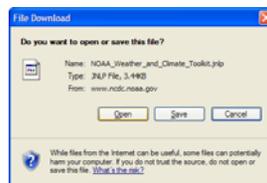
2. Select the radar for which you wish to view data by clicking on the appropriate button.



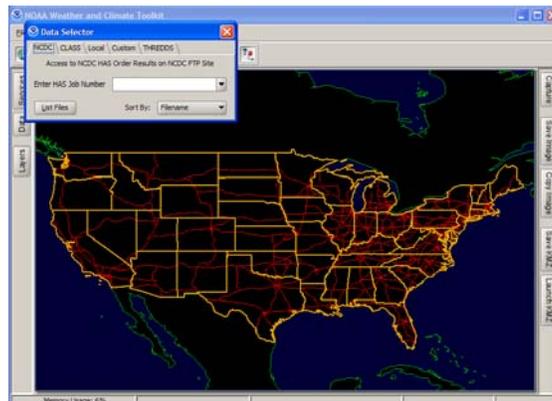
5. Visit the NDCD web page for NOAA's Weather and Climate Toolkit at <http://www.ncdc.noaa.gov/oa/wct/install.php>. Click the [Launch] button.



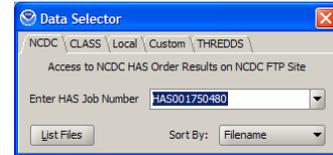
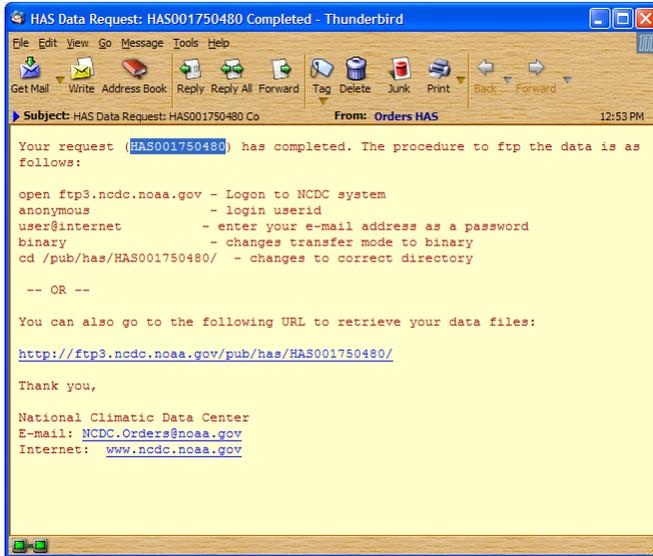
6. When the File Download window pops up, click [Open] button.



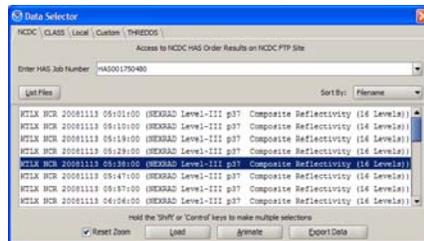
After a few seconds, the NOAA Weather and Climate Toolkit screen will open.



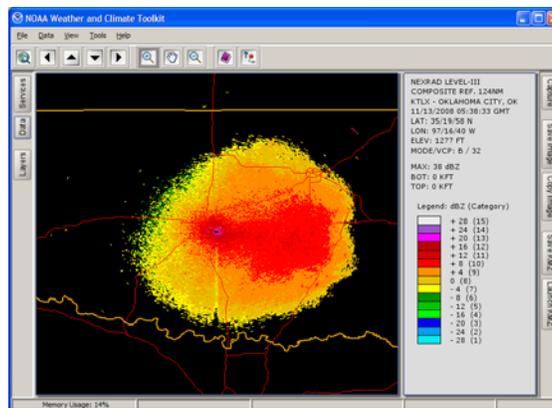
7. When you receive the email from the NCDC, copy the request number from the message and paste into the NCDC tab of the Data Selector window of the NOAA Weather and Climate Toolkit.



8. Press the [List Files] button and the Data Selector window will expand to show a list of available files for your request.

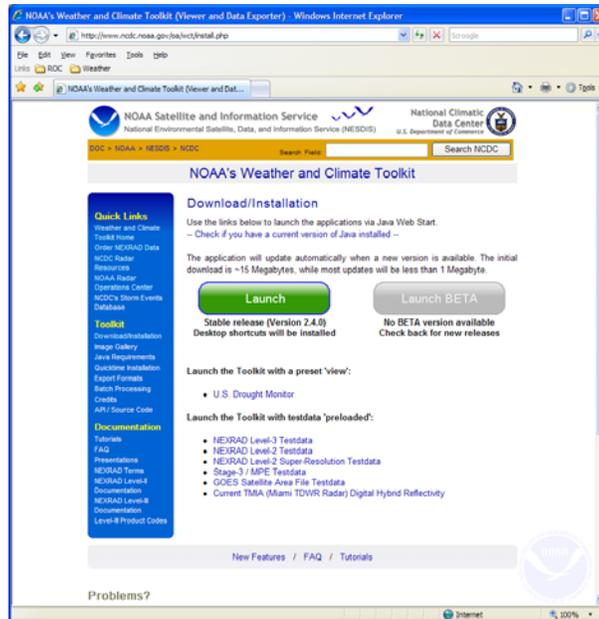


9. Double click on a file name to open it in the viewer.

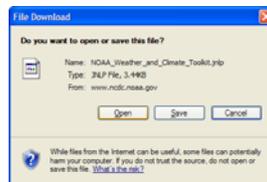


Part 2 – HOWTO view data that is only a few days old.

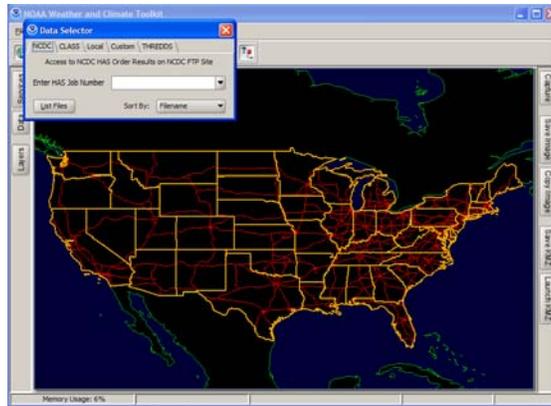
1. Visit the NDCD web page for NOAA's Weather and Climate Toolkit at <http://www.ncdc.noaa.gov/oa/wct/install.php> and click the [Launch] button.



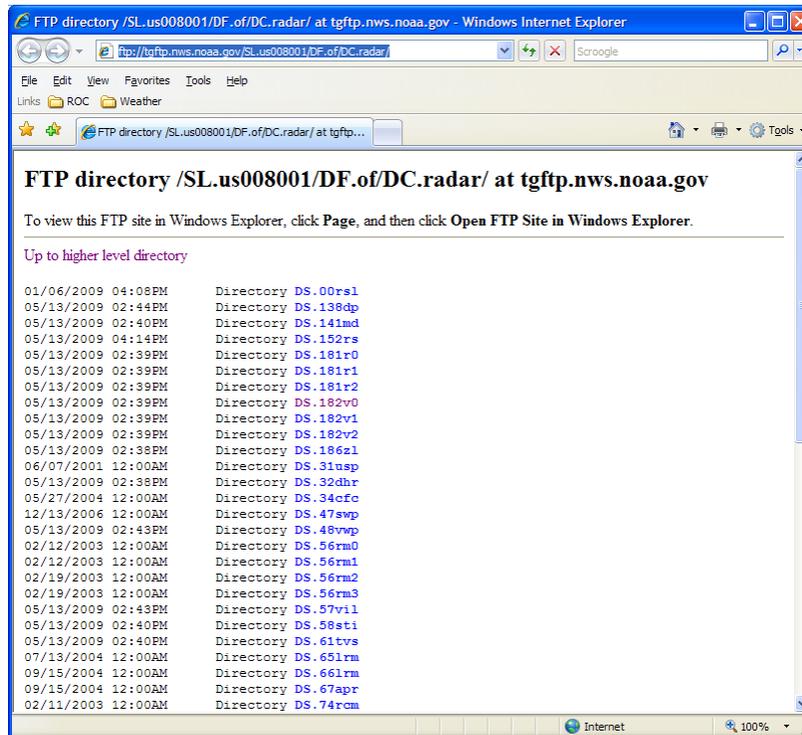
2. When the File Download window pops up, click [Open] button.



After a few seconds, the NOAA Weather and Climate Toolkit screen will open.



3. Visit the NWS Telecommunications Gateway via anonymous FTP at <ftp://tgftp.nws.noaa.gov/SL.us008001/DF.of/DC.radar/>.



4. Open the subdirectory containing the data you wish to view. Refer to the TOC's Radar Product Files web page at <http://www.weather.gov/tg/radfiles.html> to cross reference the directory names to the type of data contained therein.

Central Weather Surveillance Radar Server - WSR-88D Product Files - Windows Internet Explorer

http://www.weather.gov/tg/radfiles.html wsr-88d

File Edit View Favorites Tools Help

Links ROC Weather

www.weather.gov

National Weather Service
Telecommunication Operations Center

Site Map News Organization Search Enter Search Here Go

Home Page > NWS Org > OCIO > TOC > Communications > RPCCDS > Radar Product Files

Radar Product Files

The U.S. National Weather Service provides anonymous FTP access to files containing collectives of code generated and binary radar imagery products from NWS, FAA, and DOD radar sites located in the United States and Puerto Rico. The collectives are in the same format as received from the WSR-88D Radar Product Generator (RPG) and the TDWR Supplemental Product Generator (SPG). The server internal structure for sub-directory names and file names can be found with descriptions in the document [TOC File Name Standards](#). The naming conventions for the sub-directories and files are described in the document titled: [File and Directory Name Standards](#). The data is available at the NWS Telecommunication Gateway on the server <ftp://tgftp.nws.noaa.gov> via anonymous FTP.

Availability

The data can be obtained either through a direct LDM data feed from the NWS or by standard ftp. Either process follows the directory path established below.

The [Implementation Guide](#) for a LDM connection is available.

Directory and File Descriptions

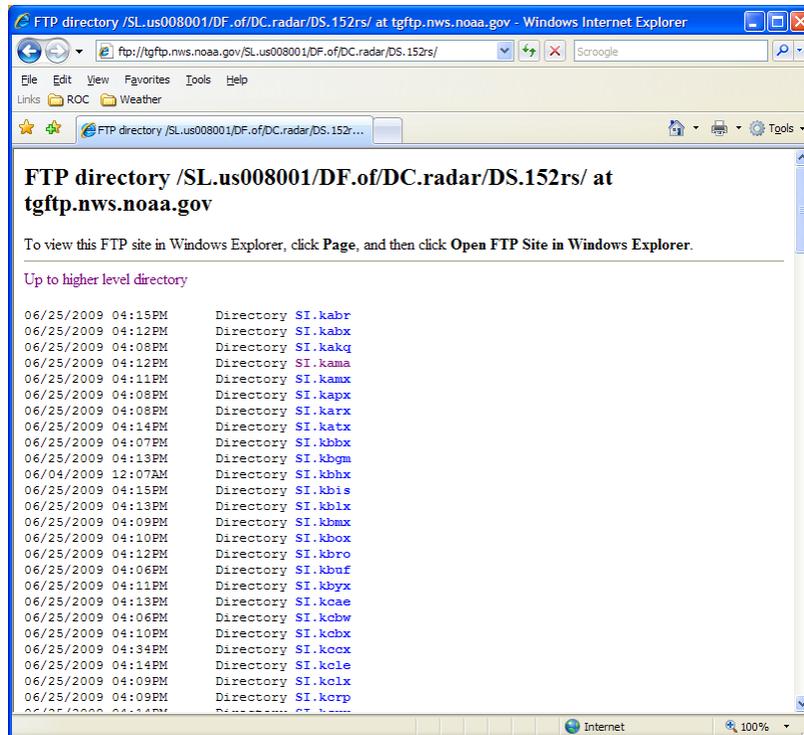
See "[Directory and File Naming Standards](#)" for information about directory and file name formats and structure.

TO BE USED FOR FTP ACCESS

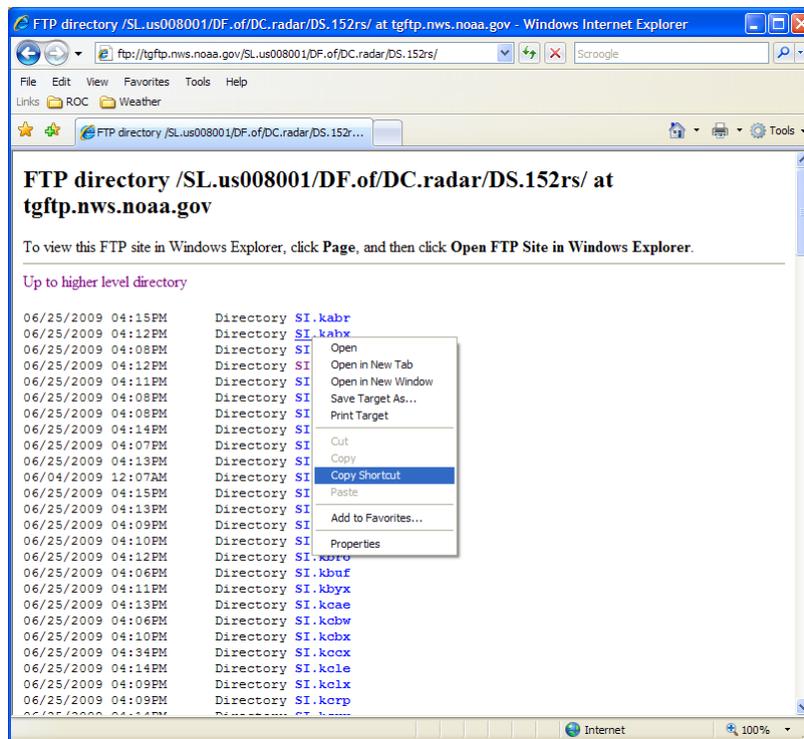
DIRECTORY NAME	CONTENTS
SL.us008001/	Data root - for NWS Telecommunication Gateway Server (top directory)
Df.of/	Data in NWS coded form either ASCII or Binary depending on product
DC.radar/	Data category: Above Surface - land (see radar site ID list below)
DS.p2gsm/	Data Subcategory: general status of the the radar message
DS.p19r0/	Data Subcategory: Base reflectivity - 124 nmi Range (angle = 0.5°)
DS.p19r1/	Data Subcategory: Base reflectivity - 124 nmi Range (angle = 1.3°/1.5°)
DS.p19r2/	Data Subcategory: Base reflectivity - 124 nmi Range (angle = 2.4°/2.5°)
DS.p19r3/	Data Subcategory: Base reflectivity - 124 nmi Range (angle = 3.1°/3.4°/3.5°)
DS.p20-r/	Data Subcategory: Base reflectivity - 248 nmi Range (angle = 0.5°)
DS.p25-v/	Data Subcategory: Base Radial Velocity - 32 nmi Range (angle = 0.5°)

Internet 100%

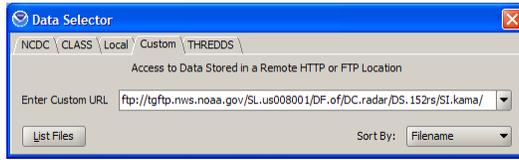
For example, to view Archive III Status Products, open subdirectory DS.152rs.



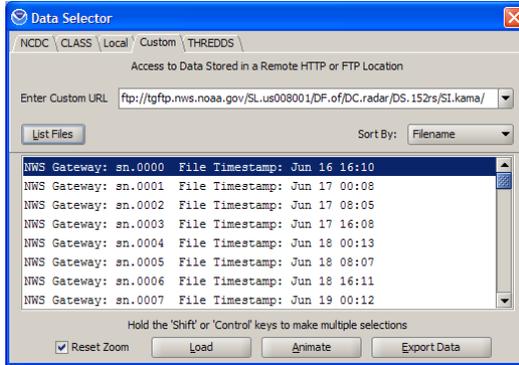
5. Right click on the ICAO of the radar for which you wish to view data and click Copy Shortcut.



6. Go to the Custom Tab of the Data Selector window of the NOAA Weather and Climate Toolkit. Paste the shortcut into the Enter Custom URL field



7. Press the [List Files] button and the Data Selector window will expand to show a list of available files for your request.



8. Double click a file name to open in the viewer.

