

Satellite and Radar Imagery Archive Web Sites and Creating Imagery Animation Loops

National satellite and radar imagery mosaic (Plymouth University)

<http://vortex.plymouth.edu/>
<http://vortex.plymouth.edu/u-make.html>

Individual NEXRAD (radar) location animations (Plymouth University) – 15 day archive ONLY

<http://vortex.plymouth.edu/nids.html>

National satellite and radar imagery mosaic (UCAR)

look underneath (“Image list”) animator to find individual frame file locations

<http://www2.mmm.ucar.edu/imagearchive/>

National radar imagery mosaic (Iowa State University)

look underneath animation frame to find individual frame file locations

<http://mesonet.agron.iastate.edu/current/mcview.phtml>

Individual NEXRAD (radar) location archives (NCDC)

Must order data for individual locations (e.g., KMRX or KGSP) and view them via the NCDC viewer (“NOAA Weather and Climate Toolkit”) before converting the files to animations or individual graphics files

<http://www.ncdc.noaa.gov/nexradinv/>

An example for creating imagery animation loops

[1] Go to the UCAR website to create a *.gif animation loop using the “mid_atlantic” NEXRAD mosaic images archived for 6 December 2010.

[2] Download the individual 6 December 2010 *.gif images from the UCAR web site to an empty directory.

[3] Use ImageMagick's **convert** command line tool to convert the multiple static *.gif NEXRAD images to a single *.gif animation loop.

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[uname@blizzard ~] convert -delay 50 *mid_atlantic*.gif -loop 0 finalfile.gif
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