

National Center for Atmospheric Research (NCAR) has written an article about NLR. Read the full article at <http://www.cisl.ucar.edu/news/06/0905.nlr.jsp>

Next-generation network offers a wide range of applications and support for the atmospheric and Earth sciences community

A network of light winds for more than 11,000 miles back and forth around the United States, etching data trails from New York to Jacksonville, Chicago to Denver, Seattle to San Antonio. The National LambdaRail, as it's called—"lambda" being the symbol for a wavelength of light—is a high-speed, nationwide fiber-optic infrastructure dedicated to research in science and networking.

Called by some the most ambitious networking initiative since the Advanced Research Projects Agency Network (ARPANET) in the late 1960s, the National LambdaRail, or NLR, became fully operational in February 2006.

NLR is the result of vision, effort, and \$100 million in funding from a non-profit consortium comprised of 20 research institutions and private-sector companies. NCAR/UCAR has played a key role in the project

from the start, working closely with the Front Range GigaPop—a group of universities, nonprofit corporations, and government agencies that share

network services in Colorado, Wyoming, and Utah—to make NLR a reality.

The result is an ultra-high-performance infrastructure that Marla Meehl, manager of the Network Engineering and Telecommunications Section (NETS) of NCAR's Scientific Computing Division, calls the network of the future....

Continue reading at <http://www.cisl.ucar.edu/news/06/0905.nlr.jsp>