



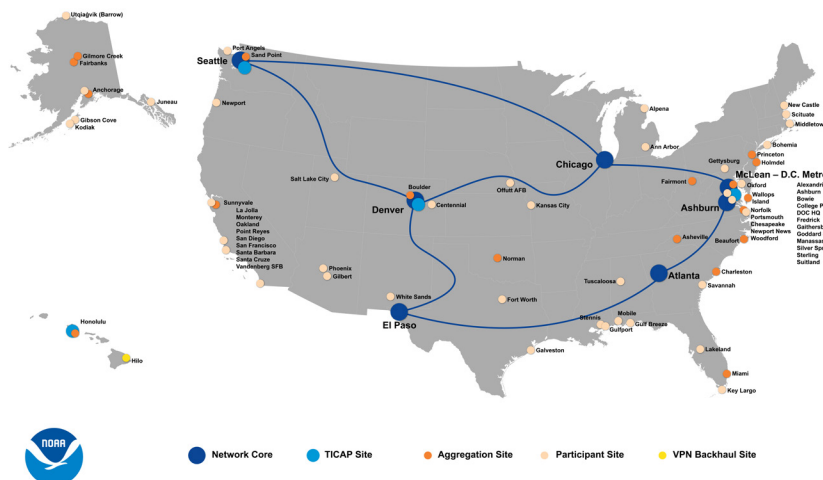
N-Wave delivers stable, secure, high-speed network services to enable the vast missions of its stakeholder community within the federal government.

About N-Wave

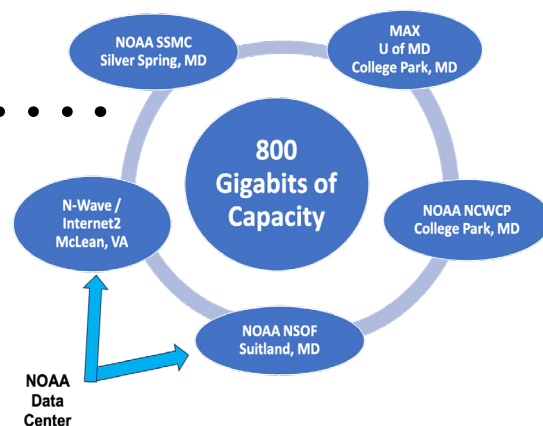
N-Wave is the National Oceanic and Atmospheric Administration’s (NOAA) network service provider and has been in operation since 2009. N-Wave’s foundation relies on an extensive array of partnerships and relationships among NOAA, the Department of Commerce, other federal agencies and the academic and state research network communities. N-Wave’s national network infrastructure extends across the contiguous U.S. to Alaska and Hawaii — reaching remote field sites, major campuses, data centers and supercomputing facilities. Combined with its scalable cloud solutions, robust catalog of enterprise managed services and advanced network operations, N-Wave supports all stakeholder missions with integrity, transparency and flexibility, and employs a unique partnership approach to provide the best customer experience.

What makes N-Wave unique?

- NOAA operated and managed national infrastructure, ensuring capacity, security and data delivery assurance
- Solid partnerships within the science, research and education community
- Trusted Internet Connection (TIC) services
- Scalable cloud solutions
- Robust catalog of enterprise managed services
- Advanced network operations
- High value asset, authorized high FISMA system, full network service provider



D.C. Metro DWDM Ring



154 facilities nationwide, including Hawaii and Alaska
337 active network circuits
400 Gbps high-availability national network backbone

FROM THE CAMPUS TO THE CLOUD

N-Wave Provides Solutions



Enterprise Transport Services

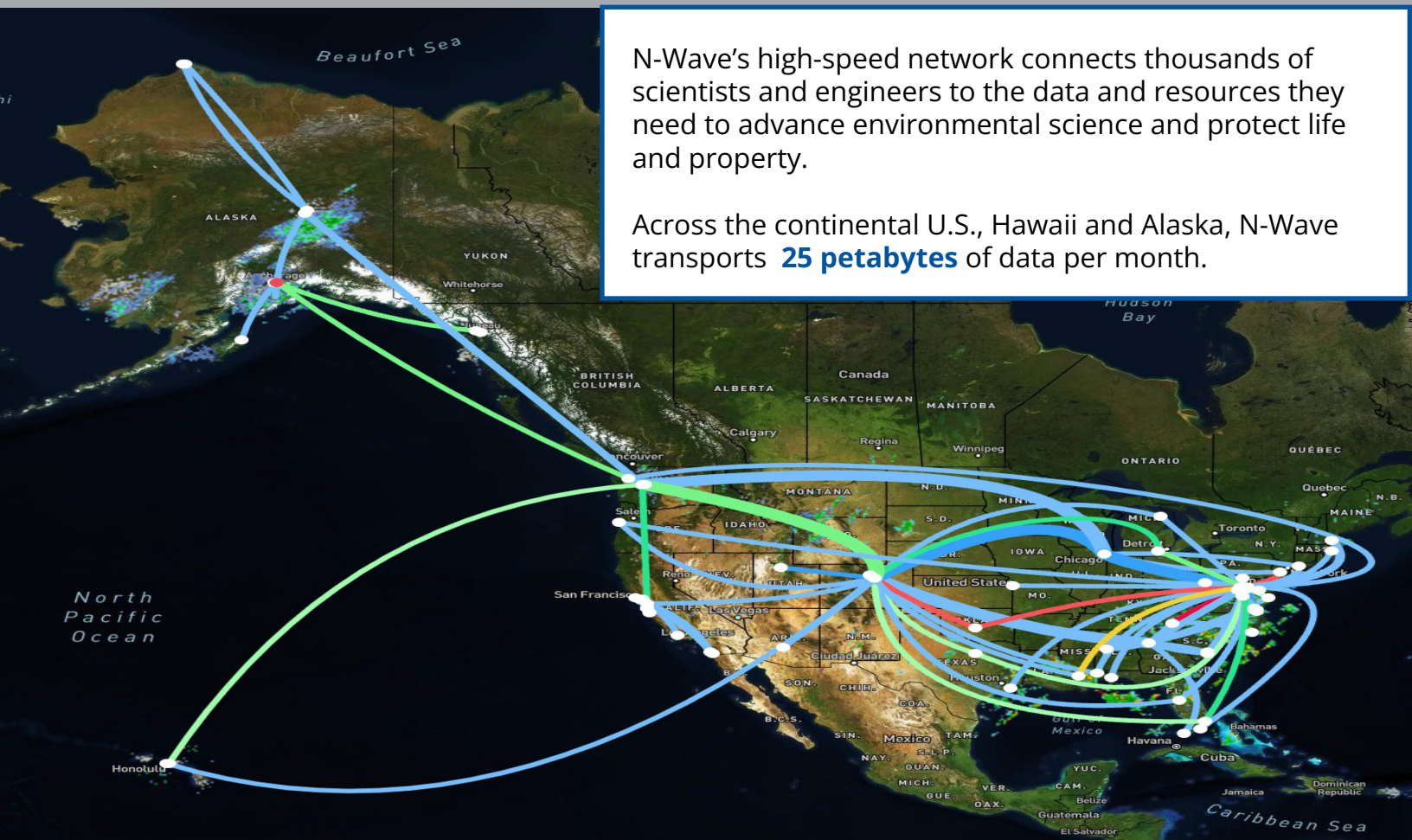
- National Fiber Optic Backbone
- Multi-Protocol Label Switching
- Optical Transport
- Trusted Internet Connection Access Points (TICAP)
- Cloud Transport

Enterprise Managed Services

- Enterprise Wireless
- Enterprise Remote Access VPN (ERAV)
- Managed Local Area Networks (LAN)
- Cable Plant Management
- Managed Firewall

Value-Add Advantage

- Engineering Assessments
- Architecture, Design and Consulting
- Technology Exchanges and Stakeholder Engagement
- Monitoring, Measurement and Visualization
- 24x7 Advanced Network Operations and Security



N-Wave's high-speed network connects thousands of scientists and engineers to the data and resources they need to advance environmental science and protect life and property.

Across the continental U.S., Hawaii and Alaska, N-Wave transports **25 petabytes** of data per month.

N-Wave Website: nwave.noaa.gov