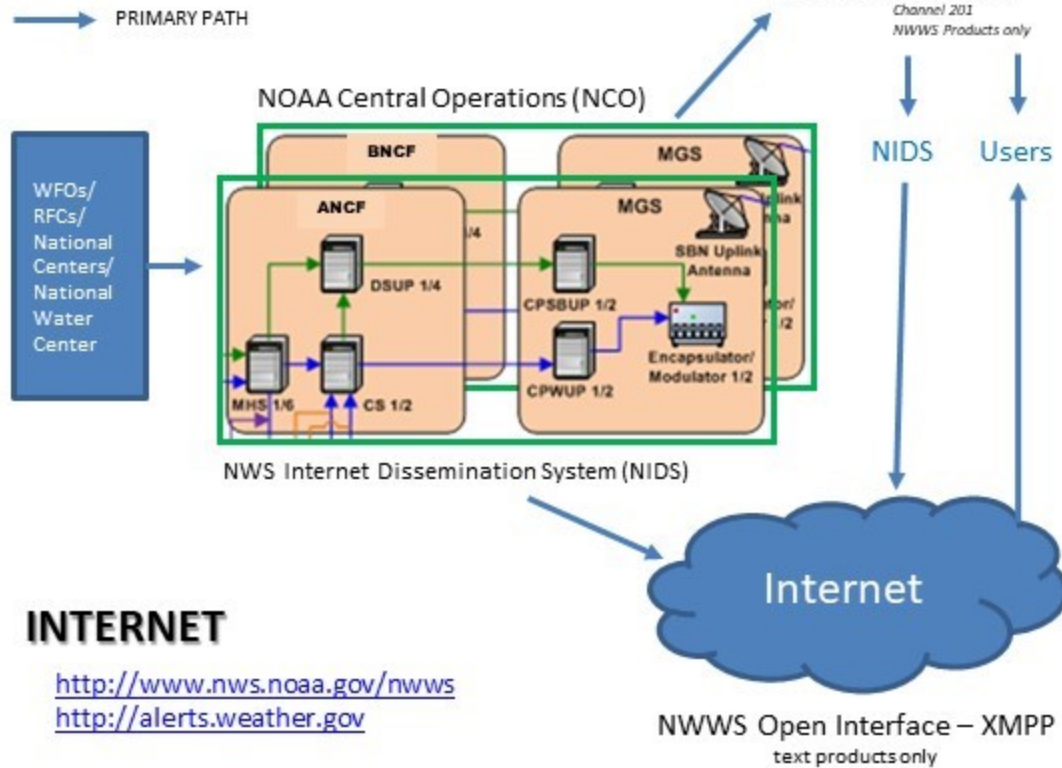


NOAA Weather Wire Service (NWWS)

Providing Weather Information, Alerts, and Warnings to the United States

SATELLITE

<https://www.nws.noaa.gov/nwws/SBNConfig.html>



INTERNET

<http://www.nws.noaa.gov/nwws>
<http://alerts.weather.gov>

<https://xmpp.org/software/clients.html>

NWWS OPERATIONS

Operational as of July 1, 2015, the National Weather Service Enterprise NOAA Weather Wire Service (NWWS) is an emergency alert and warning distribution system that uses both satellite and the Internet to provide the fastest and highest product availability to users.

NWWS provides the public, commercial users, and local, State and Federal agencies timely delivery of meteorological, hydrologic, climatological and geophysical information; especially alerts and warnings.

NWWS text products originate in WMO standard format from NWS Weather Forecast Offices, River Forecast Centers, National Centers, and the National Water Center using the Advanced Weather Interactive Processing System (AWIPS).

NWWS PRODUCT ROUTING

NWWS products are sent from the AWIPS to the AWIPS Network Control Facility Active and Back-up (ANCF/BNCf) where the messages are routed via NWS Central Operations (NCO) to NWS Internet Dissemination System (NIDS) for routing to the Open Interface (NWWS-OI) and to the uplink to the NWS Satellite Broadcast Network (SBN/NOAAPORT).

- NWWS products over the OI are in XMPP format.
- NWWS products via SBN/NOAAPORT Channel 201 are in WMO standard format.

RECEIVING NWWS PRODUCTS

Method	Stream	Equipment
Satellite	SBN/NOAAPORT Channel 201	1.2m dish or larger Low Noise Band (LNB) filter (Norsat 3220 or similar) Satellite Receiver (Novra S300 or similar)
Internet	Open Interface - XMPP	User_id & Password XMPP Reader/software

NOTE: Use of both NWWS-OI and SBN/NOAAPORT Channel 201 are recommended for high product availability in the event one product stream fails.

Additional information can be found at <http://www.nws.noaa.gov/nwws>.

Issues with NWWS network administration, maintenance and field support can be addressed by sending an e-mail to either NWWS.Issue@noaa.gov or NWWS.help@noaa.gov.

PROGRAM MANAGER: Gregory.Zwicker@noaa.gov

NWS Office of Dissemination / Dissemination Systems Branch