

## Next Generation Warning Tool Acronym and Abbreviation List

<b>Acronym/Abbreviation</b>	<b>Definition</b>
API	Application Program Interface
AFD	Area Forecast Discussion
AR	Alaska Region
AWIPS	Advanced Weather Interactive Processing System
AWC	Aviation Weather Center
CAPS	Center for Analysis and Prediction of Storms
CASA	Collaborative Adaptive Sensing of the Atmosphere
CIRA	Cooperative Institute for Research in the Atmosphere
CIRES	Cooperative Institute for Research in Environmental Sciences
COTS	Commercial Off-the-Shelf
CPC	Climate Prediction Center
CR	Central Region (NWS)
CRH	Central Region Headquarters
CWA	County Warning Area
DOC	Department of Commerce
D2D	Display Two Dimensions
DSS	Decision Support Services
EM	Emergency Manager
EMC	Environmental Modeling Center
ER	Eastern Region
ESRL	Earth System Research Laboratory
FAA	Federal Aviation Administration
FAQ	Frequently Asked Questions
FFG	Flash Flood Guidance
FFS	Flood/Flash Flood Statement
FLS	Flood Statement
FTP	File Transfer Protocol
FW	Fire Weather
FY	Fiscal Year
GFE	Graphical Forecast Editor
GHG	Graphical Hazards Generator
GMT	Greenwich Mean Time
GSD	Global Systems Division
GUI	Graphical User Interface
HIC	Hydrologist In Charge
HM	Hydrometeorological
HMT	Hydrometeorological Technician
HPC	Hydrometeorological Prediction Center

HRC	Hurricane Research Center
HSA	Hydrologic Service Area
HTML	HyperText Markup Language
HTTP	HyperText Transfer Protocol
HWR	Hourly Weather Roundup
HWO	Hazardous Weather Outlook
HWT	Hazardous Weather Testbed
ISB	Information Systems Branch
ISC	Intersite Coordination
ITB	Integrated Test Bed
LAN	Local Area Network
LDAD	Local Data Acquisition and Dissemination System
MDL	Meteorological Development Laboratory
METAR	Meteorological Aviation Report
MIC	Meteorologist In Charge
MSL	Mean Sea Level
NASA	National Aeronautics and Space Administration
NCAR	National Center for Atmospheric Research
NCDC	National Climatic Data Center
NCEP	National Centers for Environmental Prediction
NDFD	National Digital Forecast Database
NESDIS	National Environmental Satellite, Data, and Information Service
NextGen	Next Generation Air Transportation System
NEXRAD	Next Generation Weather Radar
NHC	National Hurricane Center
NGWT	Next Generation Warning Tool / Hazards Program
NOAA	National Oceanic and Atmospheric Administration
NSSL	National Severe Storms Laboratory
NWR	NOAA Weather Radio
NWRT	Par Project National Weather Testbed Phased Array Radar
NWS	National Weather Service
OAR	Office of Oceanic and Atmospheric Research
OCCWS	Office of Climate, Water, and Weather Services
OH	Office of Hydrology
OHD	Office of Hydrologic Development
OM	Office of Meteorology
OMB	Office of Management and Budget
OSIP	Operations and Services Improvement Process of NWS
OST	Office of Science and Technology
OT&E	Operational Testing and Evaluation
PHI	Probabilistic Hazard Information
POP	Probability of Precipitation

PR	Pacific Region
QC	Quality Control
QPF	Quantitative Precipitation Forecast
R&D	Research & Development
RCC	Regional Climate Center
RFC	River Forecast Center
RiverPro	Software for Generating Hydrologic Warnings
SBN	Satellite Broadcast Network
SHEF	Standard Hydrometeorological Exchange Format
SOO	Science and Operations Officer
SPC	Storm Prediction Center
SQL	Structured Query Language
SR	Southern Region
SVS	Severe Weather Statement
SSWIM	Social Science Woven Into Meteorology
SWS	Severe Weather Summary
TWC	Tsunami Warning Center
UA	Upper Air
UCAR	University Corporation for Atmospheric Research
VTEC	Valid Time Event Code
WAN	Wide Area Network
WarnGen	Warning Generator (software tool for short-term warnings)
WAS*IS	Weather and Society*Integrated Studies
WCM	Warning Coordination Meteorologist
WES	Weather Event Simulator
WFO	Weather Forecast Office
WHFS	WFO Hydrologic Forecast System
WIMS	Weather Information Management System
WR	Western Region
WX	Weather