



# NAWIPS v7.13.0 Release Notes



Application Name: NAWIPS  
Application Version: v7.13.0  
Release Date: Feb 22, 2021



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## Introduction

NAWIPS v7.13.0 release notes. Highlights of this release:

- Delivered configuration tables to process and display MRMS v12.1 NIDS-format radar data.

This release note covers the following Requests for Change.

RFC NUMBER	RFC DESCRIPTION	Release Date
7785	NAWIPS v7.13.0 release	Feb 22, 2021

## System Requirements

### Operating Systems Supported

The supported operating systems for installing the product are:

- RedHat 6 Linux 64 bit Version 2.6.32-754.3.5
- RedHat 7 Linux 64 bit Version 3.10.0-957.27.2

### System requirements

- Operation system:
  - RHEL 6.10: RedHat Linux 64 bit version 2.6.32-754.15.3.el6.x86\_64
  - RHEL 7.6: RedHat Linux 64 bit version 3.10.0-957.21.3.el7.x86\_64
- CPU Model:
  - RHEL 6.10: Intel(R) Xeon(R) CPU E5520 @ 2.27GHz 4 CPU cores
  - RHEL 7.6: Intel(R) Xeon(R) CPU E5-2630 v3 @ 2.40GHz 8 CPU cores
- Number of physical processors: 1
- RAM: 12G
- Graphics:
  - NVIDIA Quadro P1000 4GB video memory, or
  - NVIDIA Quadro K2200 4GB video memory
- Hard drive:
  - 256GB SATA SSD drive
- Network:
  - 1Gbps ethernet





## Fixed Issues

NAWIPS 7.13.0	DESCRIPTION
<a href="#">NAWIPS-157</a>	Updated imgtyp.tbl and nidprd.tbl for MRMS v12.1 radar image data

## Known Issues

N/A
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## Release Schedules

Time	ACTION
2/22/21	Release to NCWCP Local Centers NESDIS: 14-15Z SDM/Data Flow: 15-16Z  Release to Remote Centers: <a href="http://www.nco.ncep.noaa.gov/sdb/nawips/distribution">http://www.nco.ncep.noaa.gov/sdb/nawips/distribution</a> A tarball that has all the changes is available per request
2/23/21	WPC (workstation): 11-12Z OPC: 12-13Z CPC: 21-22Z
2/25/21	WPC (compute farm): 11-12Z

## NCWCP Workstation Deployment Instructions

STEP	ACTION
1	ssh nawips1@vm-lnx-ncosrv
2	cd .operations
3	vi *_<center> (e.g., opc) <Change the files to source the appropriate account> (i.e., nawips2)

## NCWCP Compute Farm Deployment Instructions

STEP	ACTION
1	ssh nawcf1@vm-lnx-sibcf8
2	cd .operations
3	vi *_<center> (e.g., opc) <Change the files to source v7.13.0 > (i.e., nawips2)





## Remote Centers Deployment Instructions

STEP	ACTION
1	Save a copy of the lightning decoder software and keys to a temporary folder (\$TEMP1 \$TEMP2): cp \$GEMPAK/source/programs/dc/lgtgdecode/* \$TEMP1 cp \$OS_BIN/etc/.kf/* \$TEMP2
2	Download the compressed tar file from the distribution site, <a href="http://www.nco.ncep.noaa.gov/sdb/nawips/distribution">http://www.nco.ncep.noaa.gov/sdb/nawips/distribution</a> , and unpack the file in an NAWIPS user directory.
3	Copy the lightning decoder keys over: mkdir \$GEMAK/source/programs/dc/lgtgdecode cp \$TEMP1/* \$GEMPAK/source/programs/dc/lgtgdecode cp \$TEMP2/* \$OS_BIN/etc/.kf
4	Update all users' .cshrc or .profile as needed
5	Build the new NAWIPS system cd \$GEMPAK/build external_libs_compile >&! EXTERNAL_BUILD_\$NA_OS
6	cd \$NAWIPS make all >&! MAKE_ALL_\$NA_OS make link >&! MAKE_LINK_\$NA_OS
7	cd \$GEMPAK/utilities/a2conv make >&! A2CONV_MAKE_\$NA_OS
8	To install NAWIPS onto AWIPS systems, follow the instructions from <a href="#">this link</a>

