

NAWIPS release version: 7.4.2 Release date: January 10, 2018 (NCWCP) January 11, 2018 (Remove Centers)		
RM	Release Notes	
<a href="#">41427</a>	New Fire and Public forecast zones and boundary changes for Horry County in NE South Carolina effective December 5, 2017 (SCN17-102)	<a href="#">SPC</a>
<a href="#">37557</a>	Implemented visualization of polygon-based Snow Squall Warnings Product (SCN17-112) on NWX, Nmap2 and GPMP. The following baseline tables have been changed to view the new product: config/miscset.tbl, nwx/guidata.tbl, master.tbl.	<a href="#">ALL</a>
<a href="#">36823</a>	Implemented improved marine zone coverage for coastal waters along the Florida Panhandle effective December 5, 2017 (SCN17-92)	<a href="#">SPC/OPC</a>
<a href="#">36272</a>	Baselined imgtyp.tbl and enhance.tbl for GOES16. To view GOES16 at NCWCP, lauch Nmap2 and point the data selection to IMG/SAT/experimental/GOES-R_BU/GOES16_ABI/CONUS,FD/*,RGB	ALL
System Requirements		
<p>The software has been built and tested on the following operating systems:</p> <ul style="list-style-type: none"> <li>Red Hat Enterprise Linux 5 (32 bit)</li> <li>Red Hat Enterprise Linux 5 (64 bit)</li> <li>Red Hat Enterprise Linux 6 (32 bit)</li> <li>Red Hat Enterprise Linux 6 (64 bit)</li> </ul>		
Installation Instructions:		

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The lightning decoder is not uploaded onto the website. Please

1. Save a copy of the current lightning decoder and the keys to a temporary folder:  
 cp \$GEMPAK/source/programs/dc/ltgdecode/\* \$TEMP1  
 cp \$OS\_BIN/etc/.kf/\* \$TEMP2
2. Download the compressed tar file from the distribution page, and unpack the file in an NAWIPS user directory.
3. Copy the lightning decoder and keys over:  
 cp \$TEMP1/\* \$GEMPAK/source/programs/dc/ltgdecode/  
 cp \$TEMP2/\* \$OS\_BIN/etc/.kf

Update all users' .cshrc or .profile as needed and build the new NAWIPS system as follows:

```
cd $GEMPAK/build
external_libs_compile >&!
EXTERNAL_BUILD_SNA_OS
cd $NAWIPS
make all >&! MAKE_ALL_SNA_OS
make link >&! MAKE_LINK_SNA_OS
cd $GEMPAK/utilities/a2conv
make >&! A2CONV_MAKE_SNA_OS
```

To install NAWIPS onto AWIPS systems, follow instructions from this link:  
<https://docs.google.com/document/d/10r9HdYfMM138EMfsdVulWopvDjcCnYS4cbYlsfxqBOQ>

Date	Action
12/15/2017	Development Complete
12/18/2017	Dev CM & Build
12/19/17-1/3/18	Release Testing
Prior to 1/2/18	Submit RFC on or before Tue. Contact all Centers to pick a date to install or download the new release
1/4/2018	CCB meeting
1/10/2018	Release to NCWCP Centers  13Z OPC 14-15Z WPC WS/NESDIS 15-16Z SDM/DF 21Z CPC (always 4pm local)

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<b>1/11/2018</b>	<b>Release to Remote Centers</b>  <a href="http://www.nco.ncep.noaa.gov/sib/nawips/distribution">http://www.nco.ncep.noaa.gov/sib/nawips/distribution</a>	
<b>1/17/2018</b>	<b>14Z WPC Farm</b>	