NAWIPS release version: 7.4.1 Release date: 9/4/2017			
RM	**Release Notes**	**Component**	**Site**
36670	To process Vaisala lightning data from the LDM feed, WMO headers of the lightning data have been removed out of the lightning decoder to a table in $GEMTBL/ltg	decoder	All
36377	Added the following new METAR to $GEMTBL/stns/sfstns.tbl, K8A3, KHLB, KI68, KLNA, KM04, KS52, KTMT, F00 K8A3 999999 LIVINGSTON_MUNI_AIRPORT TN US 3641 -8531 418 0 KHLB 999999 BATESVILLE_AIRPORT IN US 3934 -8526 297 0 KI68 999999 WARREN_COUNTY_JOHN_LANE_FIELD OH US 3946 -8425 274 0 KLNA 999999 PALM_BEACH_COUNTY_PARK_ARPT FL US 2659 -8009 4 0 KM04 999999 COVINGTON_MUNICIPAL_AIRPORT TN US 3558 -8959 85 0 KS52 999999 METHOW_VALLEY_STATE_AIRPORT WA US 4842 -12015 520 0 KTMT 999999 AUSTIN_AIRPORT NV US 3947 -11720 1748 0 F00 999999 JONES_FIELD_AIRPORT TX US 3361 -9618 188 0	Table	All
33690	Changed in Fire Weather Forecast Zones for WFO Portland, OR, in Washington and Oregon, Effective July 11, 2017 (SCN17-53)	Maps	SPC
34540 & 36271	Updated the following new METAR to $GEMTBL/stns/sfstns.tbl, AUS (30.19, -97.67), ATT (30.32, -97.76), CHS (32.9, -80.03)	Table	All

System Requirements

The software has been built and tested on the following operating systems:
  Red Hat Enterprise Linux 5 (32 bit)
  Red Hat Enterprise Linux 5 (64 bit)
  Red Hat Enterprise Linux 6 (32 bit)
  Red Hat Enterprise Linux 6 (64 bit)

Installation Instructions: http://www.nco.ncep.noaa.gov/sib/nawips/distribution/

If you are running NAWIPS 7.3.0 or later version, do the following steps for the lightning decoder. Otherwise, you need to acquire the keys for encoded data.
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 lighting 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 $GEMPAK/build
external_libs_compile >&!
EXTERNAL_BUILD_$NA_OS
cd $NAWIPS
make all >&! MAKE_ALL_$NA_OS
make link >&! MAKE_LINK_$NA_OS
cd $GEMPAK/utilities/a2conv
make >&! A2CONV_MAKE_$NA_OS

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

Date	Action
Now-8/15/2017	Development and Ticket Testing Complete
8/17-8/18/2017	CM & Build
8/21-9/1/2017	Release Testing
8/21/2017	Contact local centers to pick a date to install the new release pending RFC approval
8/28/2017	Submit RFC on or before Tuesday
8/31/2017	CCB meeting
10/3/2017 10/4/2017 10/10/2017 (CF)	Release to local centers 12Z OPC 14-1430Z WPC (Workstation)//NESDIS 14Z SDM 15Z DF 20Z CPC 14Z WPC (Compute Farm)