NAWIPS release version: 7.4 Release date: June 8, 2017			
RM	**Release Notes**	**Component**	**Site**
34011	Changed SPC outlook bounds (#28989) tag from <NAME> to <AREA> to comply with the previous settings.	Tables	NHC
29847	Updated NHC cone radii for 2017	Tables	NHC
28989	Updated SPC outlook bounds and overlays	Maps	SPC
28416	Updated Public Forecast Zones for WFO Phoenix, AZ, effective April 4, 2017 (SCN 17-02)	PGEN	AWC
28322	Fixed G-AIRMET issues when more than 20 points are drawn below the centroid of a smear or snapshot polygon	PGEN	AWC
27670	Bug fix in ensemble diagnostic function, ENS_CVAL	Grid	All
27267	NHC updates for 2017: Bug fixes and seasonal updates	Tables	NHC
22532	Added new GEMPAK grid diagnostic function: neighborhood functions, developed by SPC	Grid	SPC
22380	Updated HYSPLIT restore files for parameter name changes	Tables	NESDIS
21477	Fixed missing 2nd tier marine zone	Maps	SPC
21330	Updated new Fire and Public Forecast Zones and Boundary (SCN 16-17: corrected)	Maps	SPC
20784	Updated map files for Washington/Anchorage, VAAC_DC	Maps	AWC/NEDIS
20534	Updated volcano tables: added Sotara, Colombia and changed Sheveluch to Shiveluch	Tables	AWC/NEDIS
20397	Updated FIR changes from KZNY to KZWY (SCN16-03)	Tables	AWC
19058	Fixed WOU union which erroneously depicts the outline	PGEN	SPC
17968	SFMAP performance improvement	Performance	All
16831	Provided a Korn shell script for gdgrib2 on WCOSS	Script	NCO
16483	Fixed Nmap2 and GDPLOT2 which was unable to display global wrapping CED grids for subares including pole	Grid	All
15943	Added Baker - Washington State and South Sister, OR to volcanic tables	Tables	NESDIS
14524	Corrected longitude of an ASOS station, LPR	Tables	All
14150	Fixed G-Airmet string array size for XML	Tables	AWC
10177	Updated volcano tables to v4.4.0	Tables	AWC
9616	Fixed PROB2CAT bug that occurs while composing convective outlook	PGEN	AWC
8250	Fixed DCCSIG when handling isolated or lines of thunderstorms	PGEN	AWC
7796	Fixed PROB2CAT when lines are drawn outside the international boundaries	PGEN	AWC
6307	Updated VOR and SNAP tables	Tables	AWC

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 to retain the lightning decoder:
1. Save a copy of the current lightning decoder and the key to a temporary folder, i.e., 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 over: i.e., cp $TEMP1/* $GEMPAK/source/programs/dc/ltgdecode/

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-3/28/2017 (Tue)	Development and Ticket Testing Complete
3/29-4/4/2017 (Wed-Tue)	CM & Build
4/3-4/14/2017 (Thu-Fri)	Release Testing
4/12/2017 (Wed)	Contact local centers to pick a date to install the new release
4/17/2017 (mon)	Submit RFC on or before Tue
4/20/2017 (Thu)	CCB meeting

5/8/2017 (Mon)	Release to local centers except CPC 12Z OPC 14-1430Z WPC/SDM/NESDIS 15Z DF 21Z CPC		
5/27/2017 (Thu)	Contact remote centers to download the new release		