

NAWIPS release version: 7.3.1

Release date: July 6, 2016

RM	Release Notes	Component	Site
<a href="#">19023</a>	New fire weather forecast zone and fire weather forecast zone boundary changes for Southwest Minnesota, effectively June 16, 2016 (SCN16-17);	<a href="#">SCN16-17</a>	SPC
<a href="#">17811</a>	Fixed county lat/lon for Jasper County, TX	Map/Bound files	SPC
<a href="#">17416</a>	Changes to Public Forecast Zones of Northwest California effective June 16, 2016	<a href="#">SCN16-09</a>	SPC
<a href="#">17413</a>	Add a new category, Marginal (MRGL), to WPC's excessive rainfall outlook and text output. The new categories are Marginal, Slight, Moderate and High. The new category will be effective July 25, 2016. Link to SCN 16-21: <a href="http://origin-www.nws.noaa.gov/os/notification/scn16-21excessive_rainfall.htm">http://origin-www.nws.noaa.gov/os/notification/scn16-21excessive_rainfall.htm</a> .	PGEN	WPC
<a href="#">16179</a>	Update NHC cone radii (nm) for 2016. The Forecast Cone becomes: Forecast Period (h)    Atlantic Basin    Eastern North Pacific Basin 12                            30                            26 24                            49                            42 36                            66                            55 48                            84                            70 72                            115                           100 96                            165                           137 120                           237                           172	Tables	NHC/CPHC
<a href="#">16160</a>	Transfer of Fire Weather Zones ALZ0145 in North Center Alabama (SCN16-06) and change to the boundaries of Charleston Harbor marine zone (SCN16-07), effective April 5, 2016.	<a href="#">SCN16-06</a>	SPC
<a href="#">15851</a>	Convert OPC shape files into bounds files	Map/Bound files	OPC
<a href="#">8764</a>	Enable GEMPAK GD programs to retrieve all grids from AWIPS2 database.	General	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

The distribution may be found at <http://www.nco.ncep.noaa.gov/sib/nawips/distribution/>. After getting the necessary compressed tar file from the distribution page, please unpack the tar file in NAWIPS user directory. Please note that the dot files have been moved to the subdirectories. The sample .cshrc and .profile files are in the sample\_files/ subdirectory and show the proper use and locations for these files. Update all users' .cshrc or .profile as needed.

Build the new NAWIPS system as follows:

```
cd SGEMPAK/build
external_libs_compile >&!
EXTERNAL_BUILD_SNA_OS
cd $NAWIPS
make all >&! MAKE_ALL_SNA_OS
make link >&! MAKE_LINK_SNA_OS
cd SGEMPAK/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>

#### Release Schedule

Date	Action
Now - 6/10/2016 (Fri)	Development and Unit Test Complete
6/16/2016 (Fri)	CM & Build via VLab
6/20/2016 (Mon)	Provide Nmap2 7.3.1 Beta to WPC
6/20/2016 (Mon)	RFC Submitted
6/20/2016 (Mon) - 6/30/2016 (Thu)	Release Testing
6/30/2016 (Thu)	CCB meeting
7/6/2016 (Wed)	Released to WPC, NESDIS at 14Z, SDM/NCO at 15Z
7/7/2016 (Thu)	Code and Tables Available to Remote Centers
7/13/2016 (Wed)	Released to OPC at 12Z, CPC at 21Z