
1. Installation

AvnFPS OB9 installation is relatively straight-forward. The entire process of installing AvnFPS OB9 should take less than a minute.

The software is delivered as part of AWIPS OB9 build on DVD disk. Once mounted, AvnFPS OB9 can be found under the `/media/cdrecorder` filesystem.

```
dx1-wfo{fxa}16: ls -la /media/cdrecorder
-r--r--r-- 1 fxa  fxalpha 10965450 Dec 31 17:27 AvnFPSOB9.tgz
-r-xr-xr-x 1 fxa  fxalpha   9093 Dec 31 17:17 installAVNFPS.sh
-r--r--r-- 1 fxa  fxalpha 43798169 Nov 19 13:03 thresholds.tgz
```

File sizes may change, but the approximate values should be as shown above. Ensure that **installAVNFPS.sh** has execute permissions.

1.1. Unpacking the software

Following the OB9 Mod Note, here is an example of a successful installation.

```
[root@dx1-wfo]# cd /media/cdrecorder
[root@dx1-wfo]# ./installAVNFPSOB9 /media/cdrecorder

!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!
If you need assistance, call NCF at 301-713-9344
to open a TT.
!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!
Installation of AvnFPS for OB9 system begins . . . Wed Dec 3 19:18:51 GMT 2008

Installing AvnFPS OB9 . . . please wait
Working directory changed to: /awips/adapt/avnfps
Unpacking AvnFPSOB9.tgz
Copying AvnFPS OB8.3 configuration files to OB9
Updating AvnFPS root menu
Changed working directory to /awips/adapt/avnfps to clean up and relink to OB9 directories. . .
Removing /awips/adapt/avnfps/3.5 . . .
Removing /awips/adapt/avnfps/bin . . .
Removing /awips/adapt/avnfps/bin.bak . . .
Removing /awips/adapt/avnfps/data . . .
Removing /awips/adapt/avnfps/doc.bak . . .
Removing /awips/adapt/avnfps/etc . . .
Removing /awips/adapt/avnfps/gamin-0.1.7 . . .
Removing /awips/adapt/avnfps/py.bak . . .
Removing /awips/adapt/avnfps/tmp . . .
chown: cannot dereference `logs': No such file or directory
Fixing /awips/adapt/avnfps/logs link. . .
chown: cannot dereference `logs': No such file or directory
chown: cannot dereference `logs': No such file or directory
Changing ownership of AvnFPSOB9 software to user "fxa"
Processing files in etc
Installed KBFI.hdf5 probability thresholds file
Installed KTTD.hdf5 probability thresholds file
Installed KBLI.hdf5 probability thresholds file
Installed KPSC.hdf5 probability thresholds file
Installed KEUG.hdf5 probability thresholds file
Installed KAST.hdf5 probability thresholds file
Installed KCLM.hdf5 probability thresholds file
Installed KPAE.hdf5 probability thresholds file
Installed KSLE.hdf5 probability thresholds file
Installed KRDM.hdf5 probability thresholds file
Installed KYKM.hdf5 probability thresholds file
Installed KPDX.hdf5 probability thresholds file
Installed KOLM.hdf5 probability thresholds file
Installed KSEA.hdf5 probability thresholds file
Installed KHIO.hdf5 probability thresholds file
Installed KDLS.hdf5 probability thresholds file
Installed KONP.hdf5 probability thresholds file
Sky Cover rule added for XXXX
Inoperative grid vis indicator removed from gui.cfg
Updating llws.cfg for XXXX
Updating mtrs.cfg for XXXX
Done with XXXX
Updating info.cfg for KBFI
Updating info.cfg for KTTD
Updating info.cfg for KBLI
Updating info.cfg for KPSC
Updating info.cfg for KEUG
Updating info.cfg for KAST
Updating info.cfg for KCLM
Updating info.cfg for KPAE
Updating info.cfg for KSLE
Updating info.cfg for KRDM
Updating info.cfg for KYKM
Updating info.cfg for KPDT
Updating info.cfg for KHQM
Updating info.cfg for KALW
Updating info.cfg for KPDX
Updating info.cfg for KOLM
Updating info.cfg for KSEA
Updating info.cfg for KHIO
Updating info.cfg for KDLS
Updating info.cfg for KONP
Shutting down AvnFPS OB8.3 servers
Stopping AvnFPS servers on px2f
Killing server processes on host px2f
Using SIGTERM 8820

Starting AvnFPS OB9 servers
Starting AvnFPS servers on px2f

Installation of AvnFPS for OB9 system is finished . . . Wed Dec 3 19:19:21 GMT 2008

Please check AvnFPS's "Lessons Learned" section for any post-install issues
discovered during beta-test and national roll-out.
```

```
http://www.nws.noaa.gov/mdl/pgb/AvnFPS/OB9/AvnFPSOB9.html#LessonsLearned  
[root@dx1-wfo]#
```

The installation script copies your existing configuration files to the format needed for the new release. It shuts down the OB8.3 servers and starts the new AvnFPS OB9 servers as a convenience. No data is lost. Forecasters should log out and log back in for changes to AWIPS root menu to take effect. Users should be able to immediately start the new AvnWatch GUI.
