How to make the weather information display on your Public node on Supermon2

Written by James - AA5PD and Fred - KD5FMU

Enter your node via SSH and select Menu item 9 and go into the bash shell

Change your directory to /usr/local/sbin/supermon/ and then type **nano node_info.ini**

Goto the line with **NODE=** and type in your primary node number or all your nodes with a space separating all node numbers. In this illustration below I have already made the below mentioned changes.

```
  GNU nano 2.5.3                        File: node_info.ini

#!/bin/bash

# Initialazation script for Allstar variables
# passed to Supermon2
# D. Crompton, WA3DSP 1/2021

source /usr/local/etc/allstar.env

# Alerts are displayed if AutoSky is setup on your server.
# See AutoSky howto.

# Add nodes you want to update on this server in a list
# bounded by quotes and separated by spaces like -
# NODE="40000 40001" or NODE="$NODE1 40001"
# Variable $NODE1 can be used to signify the first node.

NODE="58176 1997 1999"

# Change to your weather code and location
# Must be in quotes
# Use Zip, Airport code or w-wunderground-code
# Same as in script weather.sh
# If you do not want to display weather
# make them null - WX_CODE="" WX_LOCATION=""

WX_CODE="74437"
WX_LOCATION="Henryetta, OK"

# End init

^G Get Help    ^O Write Out    ^W Where Is     ^K Cut Text     ^J Justify     ^C Cur Pos     ^Y Prev Page    M-\ First Line
^X Exit        ^R Read File    ^\ Replace      ^U Uncut Text   ^T To Spell    ^  Go To Line  ^V Next Page    M-/ Last Line
```

I have more than one node I wished to have this displayed on, My Public node, and My two Private Nodes. You can list them all here separated by a space.

Then go to the **WX_CODE=** line and add your zip code like this example **WX_CODE="74437"**

Then down one line to **WX_LOCATION** and enter your location in text ex:
WX_LOCATION="Henryetta, OK"

Hit Control X save the new file and exit nano

(continued)

Then from the common line type crontab -e (this will open the crontab editor) and then add the following line.

*/5 * * * * /usr/local/sbin/supermon/ast_var_update.sh

(This translates into every 5th minute for it to update the weather information).

Hit control X and save and exit then restart asterisk by typing astres.sh (I will also reboot the entire node for good measure but it may not be completely necessary.

Once the node reboots then login to Supermon2 and after about 5 minutes the weather information should display on the nodes you indicated.

Supermon2 V2.0 AllStar Monitor
KD5FMU
Henryetta, OK
Crusader Hideout Node

AllStar Link

Login

Nodes HAMVOIP

Display Configuration

Node 576331 => KD5FMU Radioless HUB Henryetta, Oklahoma
Bubble Chart   lsNodes   Listen Live   Archive

Node	Node Information	Received	Link	Dir	Connected	Mode
576331	**Idle** **Henryetta, OK (71°F, 21°C / Sunny)** CPU=**42C** - Up since 2023-04-18 10:32:06 load average: 0.18, 0.22, 0.14 Logs - 980K 2% used, 50M remains 576331 Registered Allstar					
No Connections.						

Private Node 1999 => Node not in database   lsNodes

Node	Node Information	Received	Link	Dir	Connected	Mode
1999	**Idle** **Henryetta, OK (71°F, 21°C / Sunny)** CPU=**42C** - Up since 2023-04-18 10:32:06 load average: 0.18, 0.22, 0.14 Logs - 980K 2% used, 50M remains 576331 Registered Allstar					
No Connections.						

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You are not logged in from IP-192.168.1.140 using ini file - 'user_files/allmon.ini'

System maintained by: Freddie Mac, KD5FMU