

Date: April 14, 2005
To: North Central Region Emergency Managers
Re: EMWIN Receiver Sets

The Colorado Emergency Manager Weather Information Network (EMWIN) project was initiated in 2002 after a demonstration at the State of Colorado Office of Emergency Management.

Grant funding to provide each of the thirty-one Offices of Emergency Management identified by the state in the ten county North Central Region with the basic equipment to receive the EMWIN data was requested through my office in 2003. This grant funding was approved in 2003 and the receiver equipment was purchased in late 2004. These receiver sets are now available at the Jefferson County warehouse and should be picked up by each OEM identified in the North Central Region (see list below).

Please be advised that although this receiver equipment is provided at no charge to the designated OEMs, the recipient of the receiver equipment is responsible for security, yearly inventory, care, and maintenance of your receiver set. Also, it is the responsibility of each OEM accepting a receiver set to:

- 1) Provide a computer to run the software provided with each receiver set and a monitor to display the EMWIN broadcast information (see Computer Requirements below)
- 2) Secure an adequate site for the receiver equipment and identify an appropriate site for the provided antenna if the antenna is used. Fifty feet of antenna cabling and connectors are provided with each receiver set (see Antenna Requirements below)
- 3) Install the receiver and antenna.

Thirty-one North Central Region OEMs:

- **State OEM**
- **County OEMs:** Adams, Arapahoe, Boulder, Broomfield, Clear Creek, Denver, Douglas, Elbert, Gilpin, and Jefferson.
- **City OEMs:** Arvada, Aurora, Brighton, Castle Rock, Commerce City, Englewood, Federal Heights, Glendale, Golden, Greenwood Village, Lakewood, Littleton, Louisville, Northglenn, Sheridan, Thornton, Westminster, and Wheat Ridge.
- **Urban Drainage and Flood Control District**
- **University of Colorado - Boulder OEM**

Computer Requirements

- To run the EMWIN software you need a computer with the Windows operating system (Win98, WinMe, Win2000, WinXP) - 100 MHz Pentium processor or faster, one serial port (COM port), CD drive (for software installation only), and 128 MB of memory.
- If you are using the computer for other simultaneous applications, such as email or word processor, you may see some effect on performance if you have a 100 MHz Pentium processor.
- It is recommended a dedicated computer be provided to run the EMWIN software continuously.

Antenna Requirements:

- The antenna provided is tuned to operate over the 163 - 168 MHz range.
- The radios are programmed to four channels. Channel 1 is 163.325 MHz which is the frequency to be used for receiving the EMWIN data.
- The antenna needs to be pointed roughly towards Commerce City. With a locations latitude and longitude a more accurate direction to point the antenna can be provided.

Please contact Judy Peratt (303-271-4901) or Carol Small (303-271-4903) at the Jefferson County Office of Emergency Management to make arrangements to pick up your receiver set. All sets must be picked up by May 20, 2005.

If you have any questions about this project I would be glad to answer them or direct you to the person who can.

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