



Weather Reach Server Setup Checklist

Setting up a Weather Reach Server involves several steps. This checklist is a supplement to the Weather Reach Server Users guide. For more information, refer to the guide.

Computer

- Minimum 500 Mhz - Recommend 800 Mhz or higher.
- Minimum Memory 256MB RAM – Recommend 512 MB +.
- Hard disk storage – will vary based on the number of weather stations, time and amount of data being collected. The storage can vary from 12 to 70 megabytes per station per year. The program uses approximately 10 megabytes. Ten Weather stations with 2 years of data could take as much as 1.5 gigabyte of storage.
- Monitor – Minimum 800 x 600 - recommend 1024 x 768 resolution 16 bit high color SVGA or higher.
- CD-ROM drive.
- Operating System - Windows NT, 2000, XP.
- Printer supported by Windows.
- Uninterruptible power supply.
- Minimum of 2 Serial ports for the modem(s) and feedback receiver.
- Hardware modem – (external recommended) an optional backup modem is supported.
- Install the modem(s) and identify COM port settings.
 - Modem COM Port: _____
 - Feedback Receiver COM Port: _____

Communications

- Analog phone line for modem.
- “Always On” Internet Access.
- Irirosoft Inc. to set up a Metrocall paging account. They will provide the following information:
 - CAP Code: _____
 - Frequency: _____
 - Phone Number _____

Weather Stations

- Location: _____
- Phone number: _____
- Owner Name: _____
- Latitude and Longitude: _____
- Elevation above sea level: _____
- Height of the Anemometer (wind speed sensor): _____
- Restrictions on weather station contact times: _____
- Determine Weather Region Code Numbers: _____
- Check Weather Station Programming – the following data must be collected on an hourly basis:
 - Average Air Temperature
 - Minimum Air Temperature
 - Average Solar Radiation
 - Rain
 - Maximum Air Temperature
 - Average Relative Humidity
 - Average Wind Speed
- Get Weather Station Configuration file from Irrisoft. They need the station CSI file to create this file.

Weather Reach Server

- Install Software.
- Enter Service Provider Information.
- Configure Weather Stations & collect data.
- Create a Weather Reach Service Provider Configuration File.
- Activate and connect Feedback Receiver.
- Set Feedback Receiver port.
- Enable Paging for selected weather stations from the Weather Station Network screen
- Enable the Paging Queue
- Check for feedback

Web Site

- For web updating - Direct or FTP access to the web server. If using FTP get the following:
 - User Name: _____
 - Password: _____
 - Server Address: _____
- Work with Webmaster to customize the website.
- Enable web updating for selected weather stations from the Weather Station Network screen.



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