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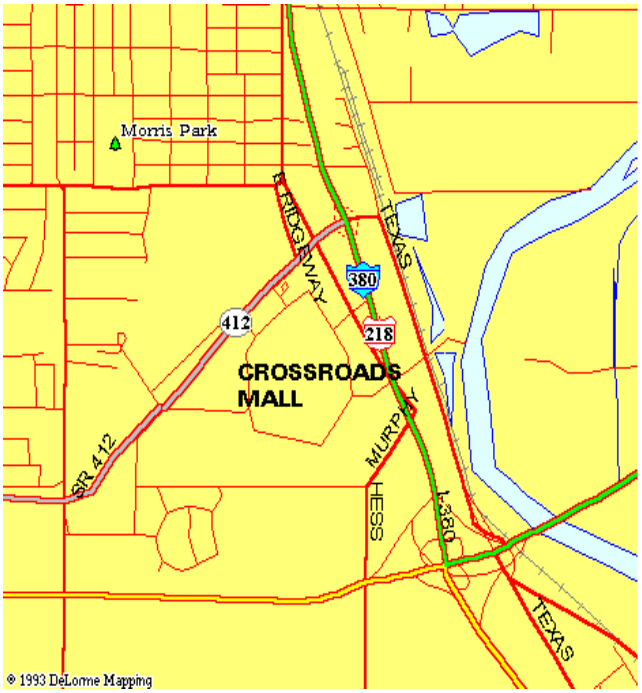
June Meeting

The June meeting is Saturday, June 12, 1999, in Waterloo, Iowa. The meeting is at the Bishop's Cafeteria in the Crossroads Mall. We will be meeting for lunch at noon with the meeting at 1 pm.



This is another first for us... our first meeting in the Waterloo/ Cedar Falls area. Many years ago I lived in the Waterloo/ Cedar Falls area, so this is going to be fun for me. I had my first early experiences with amateur radio while living there, although it was more years before I got my license. I've heard the area has changed quite a bit in the last 25 years!!!

Hope to see all of you there!!

de KE0BX

The NOS Box
by Mark Atherton, N0RXD

How's the weather in your area? The answer could be subjective, unless you have access to a weather station like the new toy I've been playing with. It's called the 1-Wire Weather Station, developed by Dallas Semiconductor. It measures outdoor temperature, wind speed and direction. And it's expandable! The picture of it was taken on my roof.

BACKGROUND

I first learned of this new technology from two friends. Adam AK0P and Doug N0PJG purchased the 1-Wire Weather Station Experimenter's Kit WS-1 from Dallas Semiconductor (http://www.ibutton.com) for $79. Not wanting to be left out, I ordered one, too. They were availiable as kits for a limited time and in limited quantities. There may not be any kits left, as I got No. 186 of 200. However, the web site still lists them so they may have more. They are also availiable assembled and ready to use from Texas Weather Instruments, Inc. (http://www.texas-weather.com/1wire.htm)

MICROLAN

The weather station utilizes Dallas Semiconductor's 1-Wire MicroLan. All that is needed to get data directly from various sensors into your computer is a host adapter that plugs into the computer's serial port and one twisted pair cable. There are no power supplies, consoles, displays, or switches needed with this system. Power is supplied from the serial port. Adding another sensor is done simply by connecting

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