

# Humitter problem

We have found a bug in the humitter code where the output format is incorrect for temperatures between 0 and -1 C. This causes both T and RH values to be reported as missing. Examples are:

```
2010 11 12 12:28:44.0730 0.9708 29 TRH20 0.00 66.96 4004 2164\r\n
2010 11 12 12:28:45.0522 0.9793 30 TRH20- 0.02 66.95 4001 2164\r\n
```

```
2010 11 12 13:53:16.4885 0.97 30 TRH20- 0.99 74.28 3906 2430\r\n
2010 11 12 13:53:17.4685 0.98 30 TRH20 -1.01 74.27 3904 2430\r\n
```

The humitters thus will have to be reprogrammed. Current thinking is to send all of them back to Boulder for Steve to fix.

This also is an issue for one (TRH11@7m) of the Manitou sensors.