
Subject: Re: Antarctic Temperature Data

Posted by [Bruce Bowler](#) on Tue, 01 May 2007 19:44:15 GMT

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On Tue, 01 May 2007 12:01:56 -0700, David Fanning wrote:

> Folks,

>

> OK, since I seem to be on a roll today, how about this. Here is a text
> file containing temperature data from an automated Antarctica weather
> station that I wish to plot. I got the data from here:

>

> <http://amrc.ssec.wisc.edu/~amrc/8911.txt>

>

> Here is what the first couple of columns in the file look like.

>

> ARGOS ID Date Time T(C)

> ----- ----

> 8911 2007118 5250 -38.4

> 8911 2007118 5250 -38.4

> 8911 2007118 5250 -38.4

> 8911 2007118 32311 -37.2

> 8911 2007118 50325 -38.5

> 8911 2007118 54332 -38.5

> 8911 2007118 54331 -38.5

> 8911 2007118 54332 -38.5

> 8911 2007118 54331 -38.5

> 8911 2007118 64340 -39.6

> 8911 2007118 83357 -39.2

> 8911 2007118 83356 -39.2

> 8911 2007118 83356 -39.2

> 8911 2007118 83357 -39.2

> 8911 2007118 83356 -39.2

> 8911 2007118 83356 -39.2

> 8911 2007118 92404 -39.2

> 8911 2007118 93406 -39.4

> 8911 2007118 93406 -39.4

> 8911 2007118 101411 -39.6

> 8911 2007118 101410 -39.6

> 8911 2007118 115425 -41.2

> 8911 2007118 122430 -41.4

>

> The time values range from 5250 to 225603. They seem to increase to the
> maximum, then fall again to the minimum when the day of year changes,
> say from 118 to 119. Supposedly, these temperature readings are suppose
> to happen every 10 minutes, but as you can see from the first three
> readings above, sometimes that doesn't happen, or something... (This is
> raw data, not processed, and I am expecting surprises.)

>
> But, what units do you suppose those time values are in? I can't find
> anything so far on the web page listed above to tell me, and they don't
> seem to correspond to seconds, which is what I thought they probably
> were initially. Has anyone worked with data like this?
>
> Cheers,
>
> David

Maybe hhhmmss, thus 101411 would normally be written 10:14:11, or 5250
would be 00:52:50... Just a hunch

Bruce

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Bruce Bowler | Nobody's family can hang out the sign 'Nothing the
1.207.633.9600 | Matter Here'. - Chinese proverb
bbowler@bigelow.org |
+-----+-----+
