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

Bruce

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

Subject: Re: Antarctic Temperature Data
Posted by David Fanning on Tue, 01 May 2007 20:10:26 GMT
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Bruce Bowler writes:

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

Ah, I should have seen that! OK, more processing. :-)

Cheers,

David
--
David Fanning, Ph.D.
Fanning Software Consulting, Inc.
Coyote's Guide to IDL Programming: http://www.dfanning.com/
Sepore ma de ni thui. ("Perhaps thou speakest truth.")