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Subject: Re: Five days mean values  
Posted by [btt](#) on Fri, 07 Oct 2005 12:10:42 GMT  
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Julio wrote:

> Thanks Mike, now I understand how rebin works...  
>  
> I'll try this, but I'm not sure rebin will help me... The fact is my  
> temperature array size is not always multiple of five, due to the  
> number of days in a month (28, 30 or 31).  
>

> Kind Regards,  
> Jìç½lio

>  
Hello,

I'm not sure what you want to do with the 'extra' days each month. But if what you want is to bin the dates into 5-day consecutive groups then I suggest you...

(1) Convert your dates from strings to Julian day values. You need to use some string processing before you get to using JULDAY().

(2) Sort your dates into 5 day bins using HISTOGRAM().

H = HISTOGRAM(myJulianDayValues, START = JULDAY(8,1,2001), BIN = 5, \$  
REVERSE = r, LOCATION = binStartDates)

(3) Use the REVERSE\_INDICES to extract the records for each 5 day group.

Hope that helps.

Cheers,  
Ben

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