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Subject: Re: CMIP5 model output  
Posted by [Phillip Bitzer](#) on Thu, 11 Apr 2013 20:09:35 GMT  
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Not sure what the format of the CMIP5 time is, but I think you'll want to look at the JULDAY function:

<http://www.exelisvis.com/docs/JULDAY.html>

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Subject: Re: CMIP5 model output  
Posted by [DavidF\[1\]](#) on Thu, 11 Apr 2013 22:27:19 GMT  
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siumt...@gmail.com wrote:

> how can you convert CMIP5 model output time to the Julian day?

I don't know how CMIP5 does this, but normally time is expressed as "number of days since 1600-01-01", or something like that. So, to create the correct Julian day number you do this:

```
time = time + Julday(1,1,1600,0,0,0)
```

Then, when you want months, days, and years, you convert these Julian values with CatDat:

```
CatDat, time, month, day, year
```

Cheers,

David

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