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Subject: Re: SkippySky : New Astronomy weather forecast website

Posted by [mankoff](#) on Mon, 22 Dec 2008 12:51:32 GMT

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On Dec 22, 1:11 am, Andrew Cool <[andrew.c...@dsto.defence.gov.au](mailto:andrew.c...@dsto.defence.gov.au)> wrote:

> Hello All,

>

> On the assumption that this Group has the odd astronomer or two on

> board,

> here's a bit of shameless promotion for an IDL application produced by

> Robert Dahni of Metvis Services and myself.

>

> SkippySky takes GFS data from the NOAA NCEP computer model and

> presents it in familiar weather map format. Many existing astronomy

> weather forecast sites use the same data, but present information for

> only 1 specified lat/lon point at a time.

>

> SkippySky on the other hand, lets you see what weather is coming in

> over the hill.

>

> For the amateur astronomer in particular, the Dewing Risk index is

> *\*not\** Dew Point,

> but rather an index of the risk of dew forming on a plane surface of a

> given size, in

> this case an 8" mirror, given the prevailing conditions.

>

> The GFS data has a resolution of 0.5 degrees, so please think of

> trends in the data, rather than what is over your backyard at any one

> time.

>

> Have a look at [www.skippysky.com.au](http://www.skippysky.com.au)

>

> This year, Santa comes to you from the South Pole! 8-)

>

> Lastly, many thanks to Michael Theusner of AviStack fame

> ([www.avistack.de](http://www.avistack.de))

> for providing the website coding and Dewing Risk algorithm.

>

> Have a Great Xmas,

>

> Andrew Cool

> Adelaide, South Australia

Not IDL related, but the Clear Sky Chart has most of the same info in a much more compact form: <http://www.cleardarksky.com/csk/>

-k.

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Subject: Re: SkippySky : New Astronomy weather forecast website  
Posted by [David Fanning](#) on Mon, 22 Dec 2008 13:30:52 GMT  
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Ken Mankoff writes:

- > Not IDL related, but the Clear Sky Chart has most of the same info in
- > a much more compact form: <http://www.cleardarksky.com/csk/>

Definitely North American-centric, though. Andrew threw North America in only as an after-thought. :-)

Cheers,

David

--

David Fanning, Ph.D.

Fanning Software Consulting, Inc.

Coyote's Guide to IDL Programming: <http://www.dfanning.com/>

Seppure ma de ni thui. ("Perhaps thou speakest truth.")

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Subject: Re: SkippySky : New Astronomy weather forecast website  
Posted by [chrism](#) on Mon, 22 Dec 2008 15:27:27 GMT  
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On Dec 22, 3:11 am, Andrew Cool <[andrew.c...@dsto.defence.gov.au](mailto:andrew.c...@dsto.defence.gov.au)> wrote:

- > Hello All,
- >
- > On the assumption that this Group has the odd astronomer or two on
- > board,
- > here's a bit of shameless promotion for an IDL application produced by
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- > presents it in familiar weather map format. Many existing astronomy
- > weather forecast sites use the same data, but present information for
- > only 1 specified lat/lon point at a time.

Any chance you can add South America to the list?

Chris Miller (CTIO)

---

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Subject: Re: SkippySky : New Astronomy weather forecast website  
Posted by [pook41](#) on Tue, 23 Dec 2008 02:08:11 GMT

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On Dec 23, 1:27 am, chrism <chris...@gmail.com> wrote:

> On Dec 22, 3:11 am, Andrew Cool <andrew.c...@dsto.defence.gov.au>  
> wrote:

>

>> Hello All,

>

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>> weather forecast sites use the same data, but present information for  
>> only 1 specified lat/lon point at a time.

>

> Any chance you can add South America to the list?

>

> Chris Miller (CTIO)

Hi Chris,

> Any chance you can add South America to the list?

You really are out to blow my bandwidth quota...

But, what's it worth to you? A short imaging session on the 4M, object  
of my choice..???

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Subject: Re: SkippySky : New Astronomy weather forecast website  
Posted by [pook41](#) on Tue, 23 Dec 2008 02:12:55 GMT

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On Dec 22, 10:51 pm, mankoff <mank...@gmail.com> wrote:

> On Dec 22, 1:11 am, Andrew Cool <andrew.c...@dsto.defence.gov.au>  
> wrote:

>

>

>

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>

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>> This year, Santa comes to you from the South Pole! 8-)  
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>> Lastly, many thanks to Michael Theusner of AviStack fame  
>> ([www.avistack.de](http://www.avistack.de))  
>> for providing the website coding and Dewing Risk algorithm.  
>  
>> Have a Great Xmas,  
>  
>> Andrew Cool  
>> Adelaide, South Australia  
>  
> Not IDL related, but the Clear Sky Chart has most of the same info in  
> a much more compact form: <http://www.cleardarksky.com/csk/>  
>  
> -k.

Hi Ken,

I'm familiar with Alex Danko's work, but you've missed this point that I made :-

"Many existing astronomy weather forecast sites use the same data, but present information for only 1 specified lat/lon point at a time."

That's just what Clear Sky Chart does - one lone, single point at a time.

My charts let you see what conditions are heading your way, and if you should drive N,S,E or W to get to a good observing point.

Besides which, Danko's charts ain't much good outside North America.

Andrew

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Subject: Re: SkippySky : New Astronomy weather forecast website  
Posted by [Andrew Cool](#) on Tue, 23 Dec 2008 06:39:34 GMT

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On Dec 23, 1:27 am, chris...@gmail.com wrote:

> On Dec 22, 3:11 am, Andrew Cool <andrew.c...@dsto.defence.gov.au>  
> wrote:

>

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>> weather forecast sites use the same data, but present information for  
>> only 1 specified lat/lon point at a time.

>

> Any chance you can add South America to the list?

>

> Chris Miller (CTIO)

Hi Chris,

Have a look at [http://www.skippysky.com.au/2008/South\\_America/](http://www.skippysky.com.au/2008/South_America/)

I've done a 10x10 degree box around Cerro Tololo.

The numbers in the filenames are the number of hours forward from the start of the dataset.

The title on each image will be more informative.

Give me a day or two to amend the SkippySky webpage.

Andrew

PS : and don't forget my half hour of imaging on the 4metre... ;-)

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Subject: Re: SkippySky : New Astronomy weather forecast website

Posted by [Andrew Cool](#) on Tue, 23 Dec 2008 11:41:22 GMT

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On Dec 23, 1:27 am, chris...@gmail.com wrote:

> On Dec 22, 3:11 am, Andrew Cool <andrew.c...@dsto.defence.gov.au>

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>> weather forecast sites use the same data, but present information for

>> only 1 specified lat/lon point at a time.

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> Any chance you can add South America to the list?

>

> Chris Miller (CTIO)

Hi Chris,

Maybe not South America, but if you go to [www.skippysky.com.au](http://www.skippysky.com.au) now, you will see Cerro Tololo and a full set of data.

Gotta be pleased with that!

Andrew

[andrew\\_at\\_cool.id.au](mailto:andrew_at_cool.id.au)

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