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Subject: Re: Cloud Mask

Posted by [David Oesch](#) on Thu, 14 Oct 2004 09:57:26 GMT

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Julio,

I recommend CASPR as  
cloudmask(<http://stratus.ssec.wisc.edu/caspr/caspr.html>) we use it for  
our operational products  
(<http://saturn.unibe.ch/rsbern/noaa/dw/realtime/index.html>). Shadow: we  
derive it based on the cloud mask of CASPR also using IDL, but the code  
is quite a mess, if you wanna have it, I can send it to you. It is  
mainly based on "Cloud shadow is estimated according to Simpson, J.J. &  
J.R. Stitt (1998): A procedure for the detection and removal of cloud  
shadow from AVHRR data over land. IEEE Transactions on Geoscience and  
Remote Sensing 36 / 3: 880-897." As mentioned in  
OESCH, D., A. HAUSER, and S. WUNDERLE, (2004) Validation of Alpine Lake  
Surface Temperature Measurements derived from NOAA-AVHRR and MODIS data,  
in 13th Conference on Satellite Meteorology and Oceanography, Norfolk, VA, US.

Cheers

Julio wrote:

> Hello,  
>  
> I'm looking for a cloud and shadow mask to be applied to AVHRR/NOAA images.  
> Does anybody know some?  
>  
> Thanks,  
> Julio  
>  
>

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