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Subject: Read values from a table with IDL - narrowed-down question

Posted by [kim20026](#) on Thu, 17 May 2007 09:13:19 GMT

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I posted a message few days ago and have been waiting any suggestions, but no one reply. (I am really sad and feel left out.. T.T) I think my question was too broad and vague. Therefore, I narrowed down the question.

What I really would like to do now is just to read values of the table shown below.

Skyl\_lut.dat00.dat

Aerosol\_type: Continental  
MODIS\_Band\_1: (0.620,0.670)  
S&O 0.00 0.02 0.04

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0 0.027 0.040 0.053  
1 0.028 0.041 0.054  
2 0.029 0.042 0.055

There are 9 target values in this table. Others are just kind of input variables to get those values.

For example, in order to read 0.055 in the table, required input variables are...

aerosol\_type = continental  
MODIS band = 1  
Optical depth = 0.04  
solar zenith angle = 2

If it is possible, I want to do make a function with 4 input variables, and then the output of this function should be a value in this table.

Sorry for bothering you, but please give me any suggestions. Thanks in advance.

Harry

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