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Subject: cyclone tracking routine available  
Posted by [deja\\_jlin](#) on Fri, 18 May 2001 22:04:18 GMT  
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hi all!

after being the recipient of much help on this newsgroup over the years, i thought i'd try to return the favor by offering a few IDL routines i've written that might be of interest to the atmospheric scientists out there. they're described on my IDL web page:

<http://www.atmos.ucla.edu/~jlin/lib.html>

in particular, i thought the function CYCLONE\_TRACKS might be useful. it's an implementation of the Serreze (1995) and Serreze et al. (1997) cyclone detection and tracking algorithm, and is located in the "Atmospheric Sciences" section of the above page. comments, bug reports, etc. are all very welcome.

i also wrote this funny little routine ALL\_VARS\_TO\_STRUCT which dumps all defined variables at the calling level into a structure, so you can port it around more conveniently (it kinda then is a common block alternative). the function probably can be programmed in a much more elegant way, but i don't know how to do objects.

hope these routines prove helpful!

best,  
-Johnny

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Johnny Lin  
CIRES, University of Colorado  
Work Phone: (303) 735-1636  
Web: <http://cires.colorado.edu/~johnny/>  
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