
Subject: Re: IDL procedures to get thermodynamic parameters from Soundings
Posted by [stricherz](#) on Thu, 11 Apr 1996 07:00:00 GMT

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+ >Is there a place where I can obtain routines to do the following
+ >from soundings.

+ >1) Lifting condensation Level
+ >1) Level of Free Convection
+ >2) Convective Available Potential Energy (CAPE)

+ AWS/TR-79/006
+ "The use of the Skew-T, Log P diagram in analysis and forecasting"

That's more on the feeding and care of Skew-T diagrams. He seems
to be looking for algorithms. So:

AWS/TR-83/001
Equations and Algorithms for Meteorological Applications in Air Weather
Service

Lots more than just thermodynamic algorithms.

James

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```
#!/bin/perl -s-- -export-a-crypto-system-sig -RSA-3-lines-PERL
$m=unpack(H.$w,$m."\\0"x$w),$_=`echo "16do$w 2+4Oi0$d*~^1[d2%Sa
2/d0<X+d*La1=z\\U$n%0]SX$k"[$m*]\\EszlXx++p|dc`,s/^.|\\W//g,print
pack('H*',$_)while read(STDIN,$m,($w=2*$d-1+length($n)&~1)/2)
```
