



General:

- Filename composite/result scan CC050000.022 / CB050000.022  
 - Time / EXCEL-time of scan...: 01/22/2005 00:00:00 / 38374.00000  
 - Modeling time:..... 02/13/2006 16:57:50.92  
 - SZA / Azimuth start of scan:.. 70.3 / 182.59  
 - SZA from scan? / Sky condition yes /  
 - Pauses: 1\_2 / 2\_3 / extra: ... 80s / 20s / 0s at 0nm

Model Parameters:

- Model version:..... libRadtran-1.01-12stream\_2  
 - Radiative transfer solver:... sdisort  
 - Streams / Delta M? / nscat:... 6 / on / 2  
 - Transmittance wavelengths file /model/input/transmittance3.txt  
 - Scaled total ozone:..... 254.217 DU  
 - Ozone source:..... SUV  
 - Ozone cross-section:..... Bass\_and\_Paur  
 - Albedo:..... 0.98  
 - Air pressure at ground:..... 692.8 hPa  
 - Altitude / Height over ground: 2.835 km / 0 km  
 - Aerosol parameters:  
 -  $\alpha/\beta/\text{VIS}/\text{SSA}/\text{Haze}/\text{Seas}/\text{Vul}/\text{Asy}$ : 1.3/0/100/0.99/6/1/1/0.7

Ozone Retrieval:

- Unscaled/Scaled/S-Factor/Dif:.. 254.2DU/254.2DU/1.00/0.0DU  
 - Irradiance at minimum wavel.:. 0.824254  $\text{mW m}^{-2} \text{nm}^{-1}$  at 302.298 nm  
 - Avg ratio 300-315 / 325-335 nm 0.967692 / 0.970116  
 - Ratio E(short) / E(long)..... 0.997501

Wavelength correction?:..... file

Wavelength shift analysis?:..... yes  
 - Spline w-value / s-value:..... 0.01 / 0.01  
 - Maximum wavelength shift:..... 0.4  
 - Filename center wavelengths:.. center\_wl2b.txt  
 - Correlation interval UV / VIS: 3.0 / 15.0  
 - Minimum irradiance:..... 0.1  $\text{mW m}^{-2} \text{nm}^{-1}$

Bandwidth normalization breaks:.. norm\_SPO\_Vol15.txt

Break point resampling method:.. 340 nm

Cosine Correction

- Method: ..... advanced  
 - Standard angular response file response\_c\_Vol11.txt

Extraterrestrial spectrum:..... /model/input/ABS\_ATL\_SPEC\_KITPEAK2\_NEWGUEY2003s.TXT

Profile:..... /model/input/profiles/South\_Pole/SP127.dat

Slit function:..... /model/input/slit1.00\_st0.05.txt

Filename wavelength correction: avg-shift\_wave\_shift\_SPO\_Vol15\_Ver0\_slit1.00\_st0.05\_run2\_start-JD31.csv\_CC050000.022-CC050000.029.txt

Cosine correction coefficients:.. coeff\_abc\_SPO\_Vol15\_FD94\_final.txt

Diffuse correction factor f\_D:.. 0.95

Cloud-spectra directory:..... C:/Version2/Spole/Vol9/Correction\_parameters/Cloudspectra

Table G and B vs. SZA and COD... cloud\_table\_IC\_SPO\_Ver9\_450nm.txt

Wavelength for COD retrieval:.. 450 nm

Cloud correction tweak file:.. average\_meas\_model\_SPO\_Vol15\_final.txt

