



General:

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- Filename composite/result scan CC940800.349 / CB940800.349
- Time / EXCEL-time of scan....: 12/15/1994 08:00:00 / 34683.33333
- Modeling time:..... 09/09/2003 20:09:42.10
- SZA / Azimuth start of scan:.. 66.7399 / 58.42
- SZA from scan? / Sky condition yes /
- Pauses: 1_2 / 2_3 / extra: ... N/A; Time from input file
```

Model Parameters:

```
- Model version:..... libRadtran-1.0-beta-12stream
- Radiative transfer solver:.... spsdisort
- Streams / Delta M? / nscat:... 6 / on / 2
- Transmittance wavelengths file /model/input/transmittance3long.txt
- Scaled total ozone:..... 322.281 DU
- Ozone source:..... SUV
- Ozone cross-section:..... Bass_and_Paur
- Albedo:..... 0.98
- Air pressure at ground:..... 681.8 hPa
- Altitude / Height over ground: 2.835 km / 0 km
- Aerosol parameters:
-  $\alpha/\beta/VIS/SSA/Haze/Seas/Vul/Asy$ : 1.3/0/100/0.99/6/1/1/0.7
```

Ozone Retrieval:

```
- Unscaled/Scaled/S-Factor/Dif:.. 322.3DU/322.3DU/1.00/0.0DU
- Irradiance at minimum wavel.:. 0.965483 mW m-2 nm-1 at 302.782 nm
- Avg ratio 300-315 / 325-335 nm 0.911682 / 0.876746
- Ratio E(short) / E(long)..... 1.03985
```

Wavelength correction?:..... file

```
Wavelength shift analysis?:..... yes
- Spline w-value / s-value:.... 0.01 / 0.01
- Maximum wavelength shift:.... 0.3
- Filename center wavelengths:.. center_wl2b.txt
- Correlation interval UV / VIS: 5.0 / 15.0
- Minimum irradiance:..... 0.1 mW m-2 nm-1
```

Bandwidth normalization breaks:.. norm\_SPO\_Vol5.txt

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Break point resampling method:.. 340 nm
```

Cosine Correction

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- Method: ..... advanced
- Standard angular response file response_c_standard.txt
```

```
Extraterrestrial spectrum:..... /model/input/ABS_ATL_SPECTR_KITTPeak2s.txt
Profile:..... /model/input/profiles/South_Pole/AS329.dat
Slit function:..... /model/input/slit1.00_st0.05.txt
Filename wavelength correction: avg-shift_wave_shift_SPO_Vol5_Ver0_slit0.90_st0.05_run1_JD327-13.csv_CC940000.327-CC950000.013.txt
Cosine correction coefficients:.. coeff_abc_SPO_Vol5_FD94_final.txt
Diffuse correction factor f_D:.. 0.969
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_Vol5_JD172-end_final.txt
```

