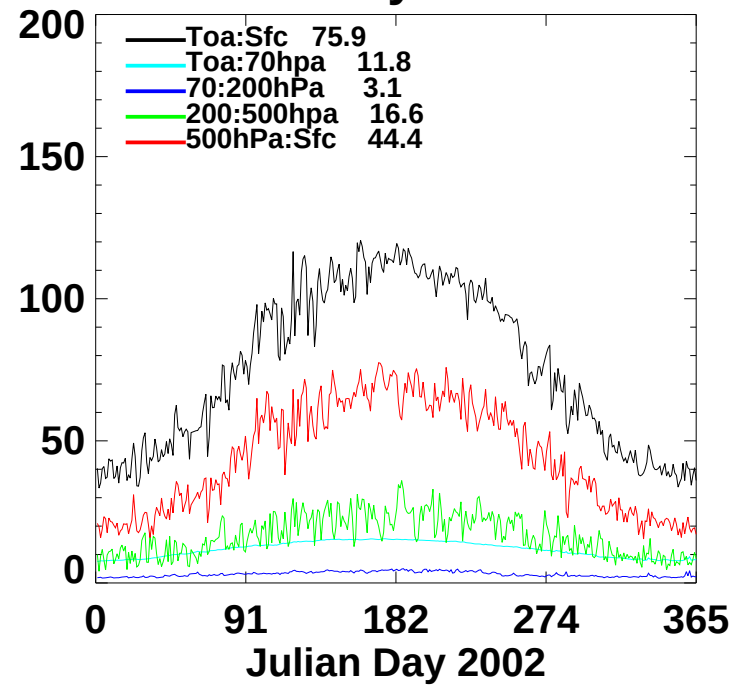
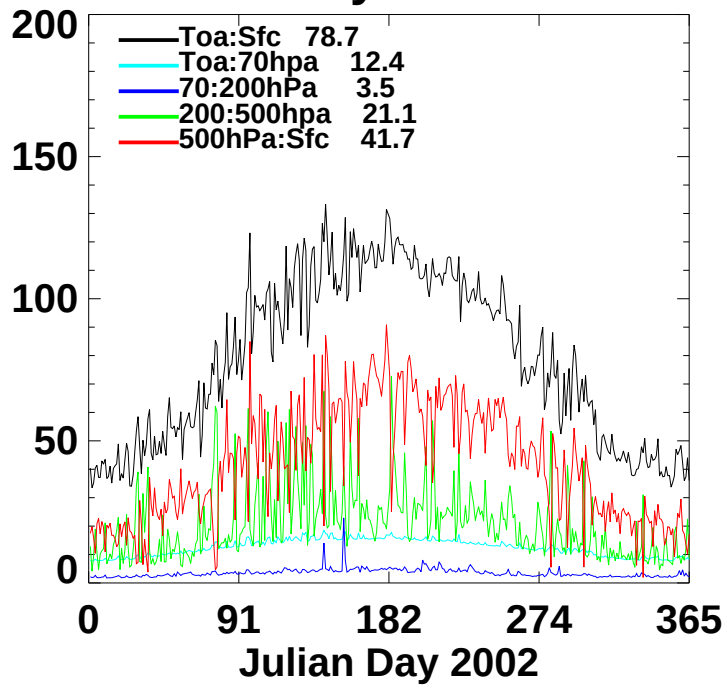
SYNI Beta3 2002 Atmosphere Net @E22

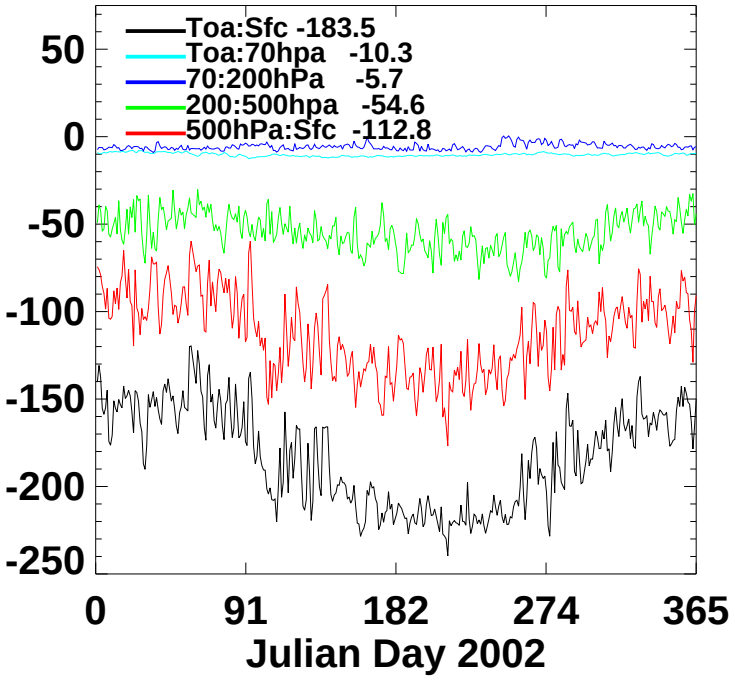
Clear Sky SW Net



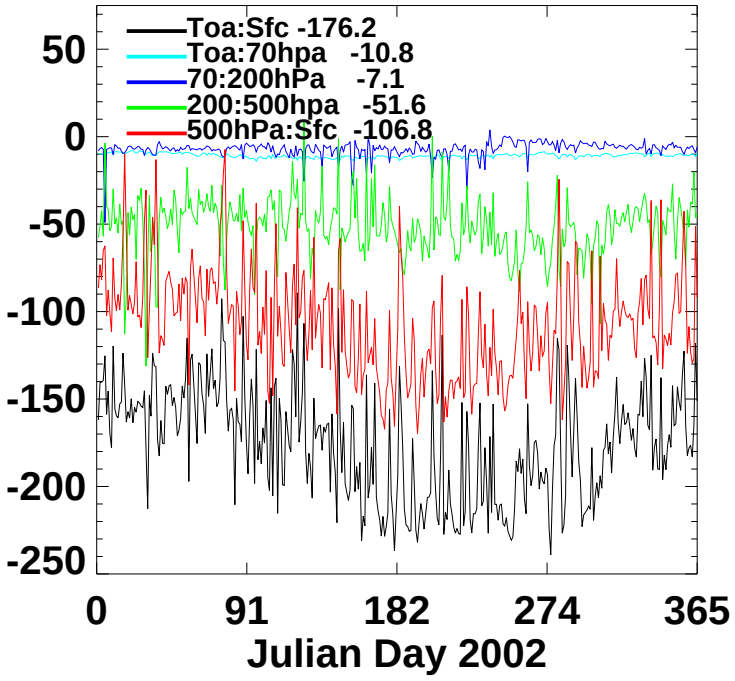
All Sky SW Net



Clear Sky LW Net

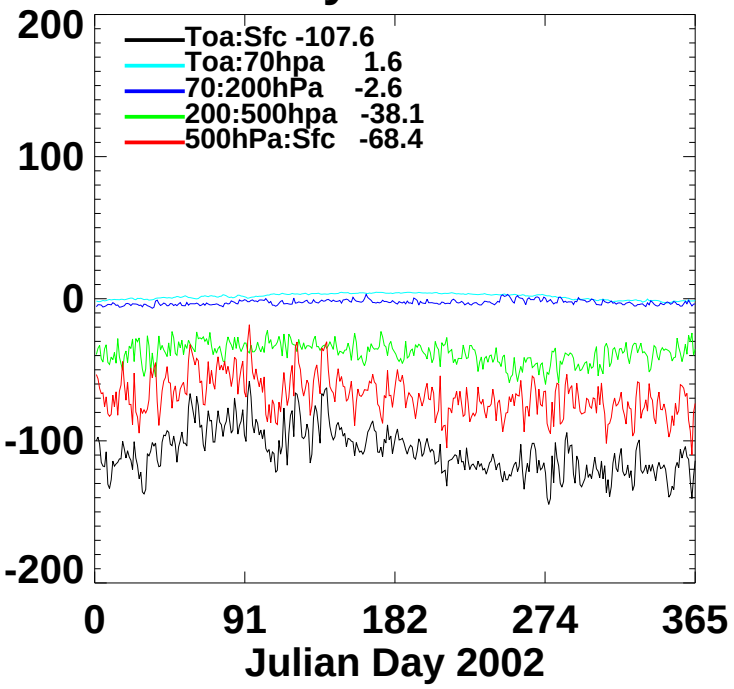


All Sky LW Net

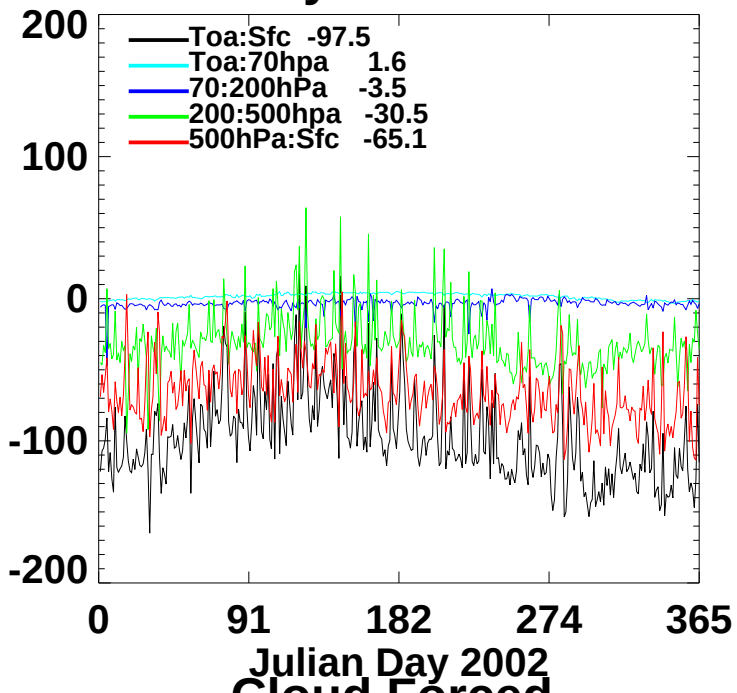


SYNI Beta3 2002 Atmosphere Net @E22

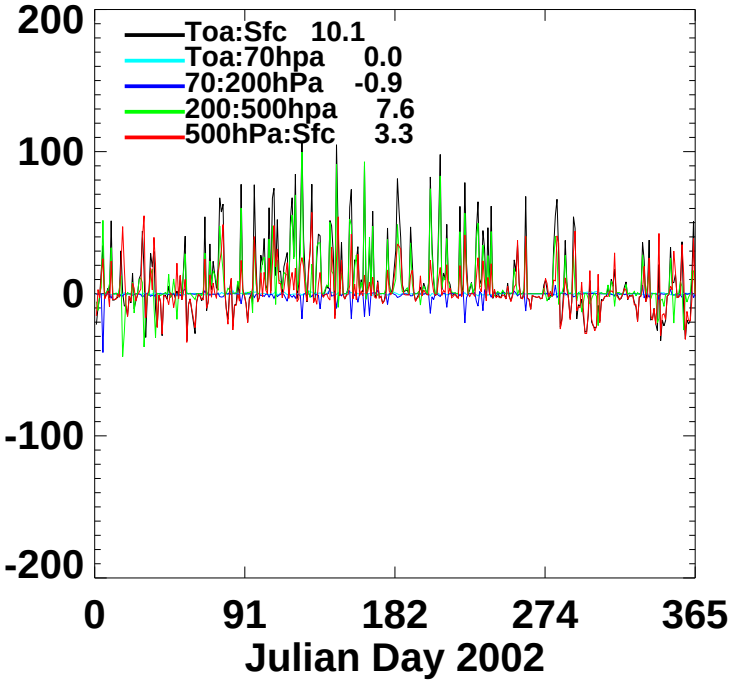
Clear Sky SW&LW Net



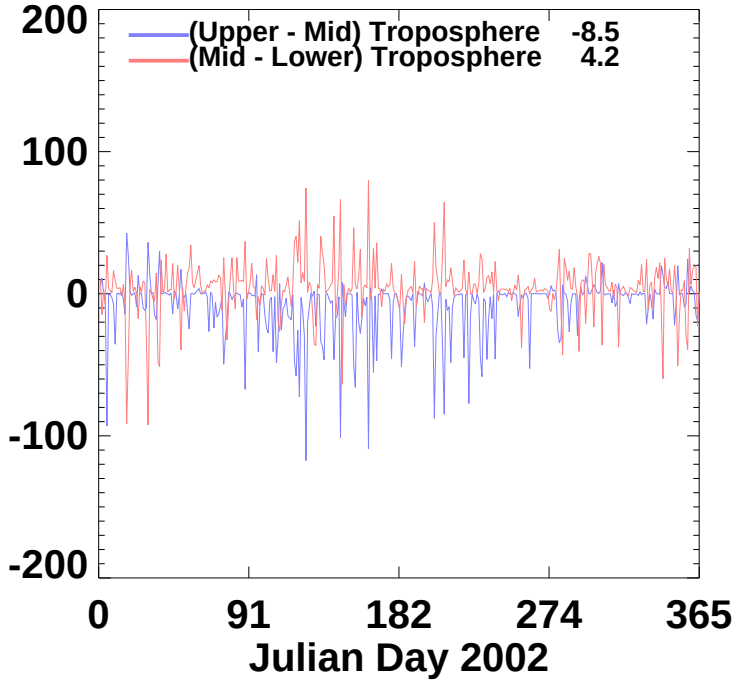
All Sky SW&LW Net



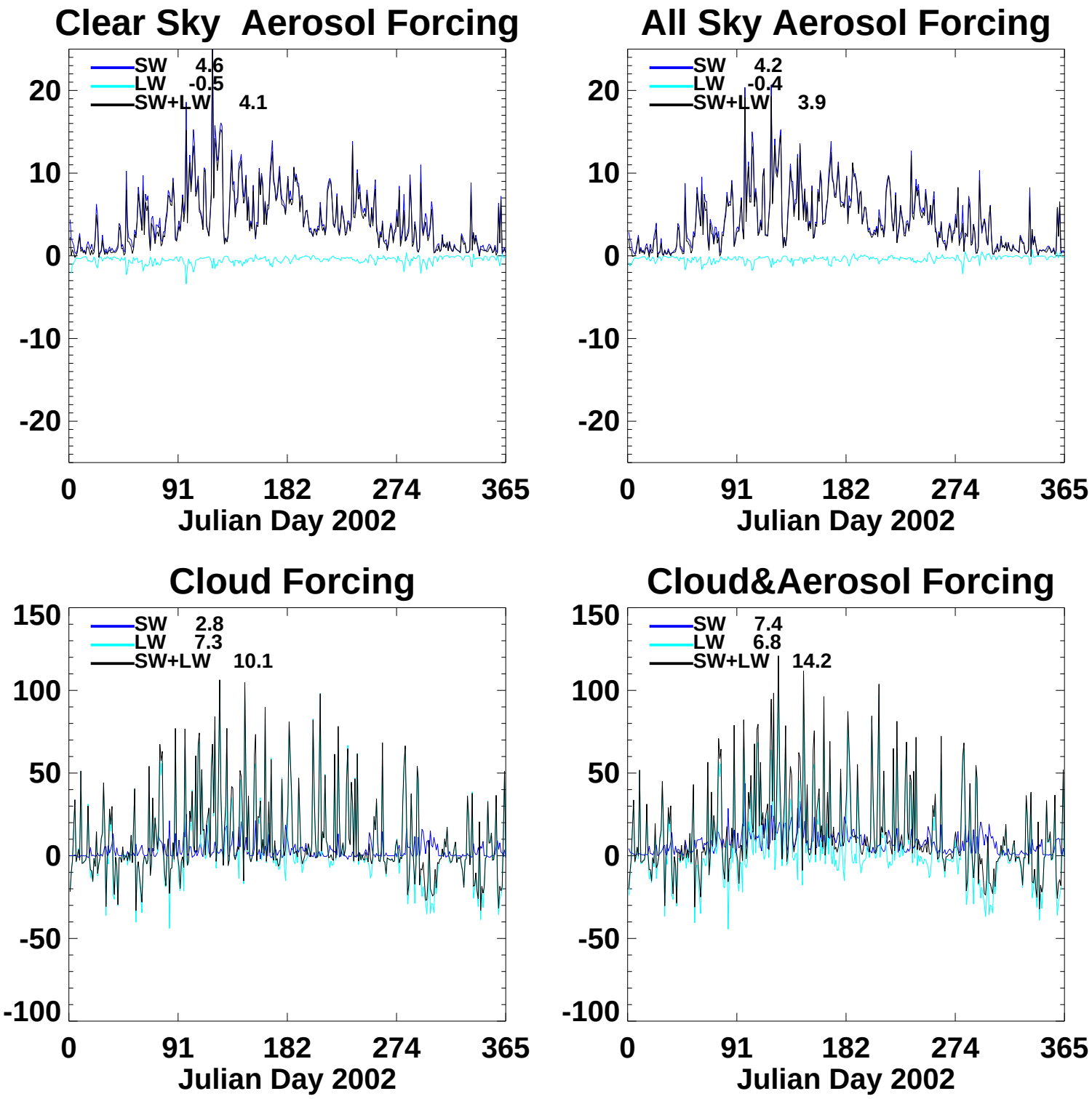
Cloud Forced SW&LW Net

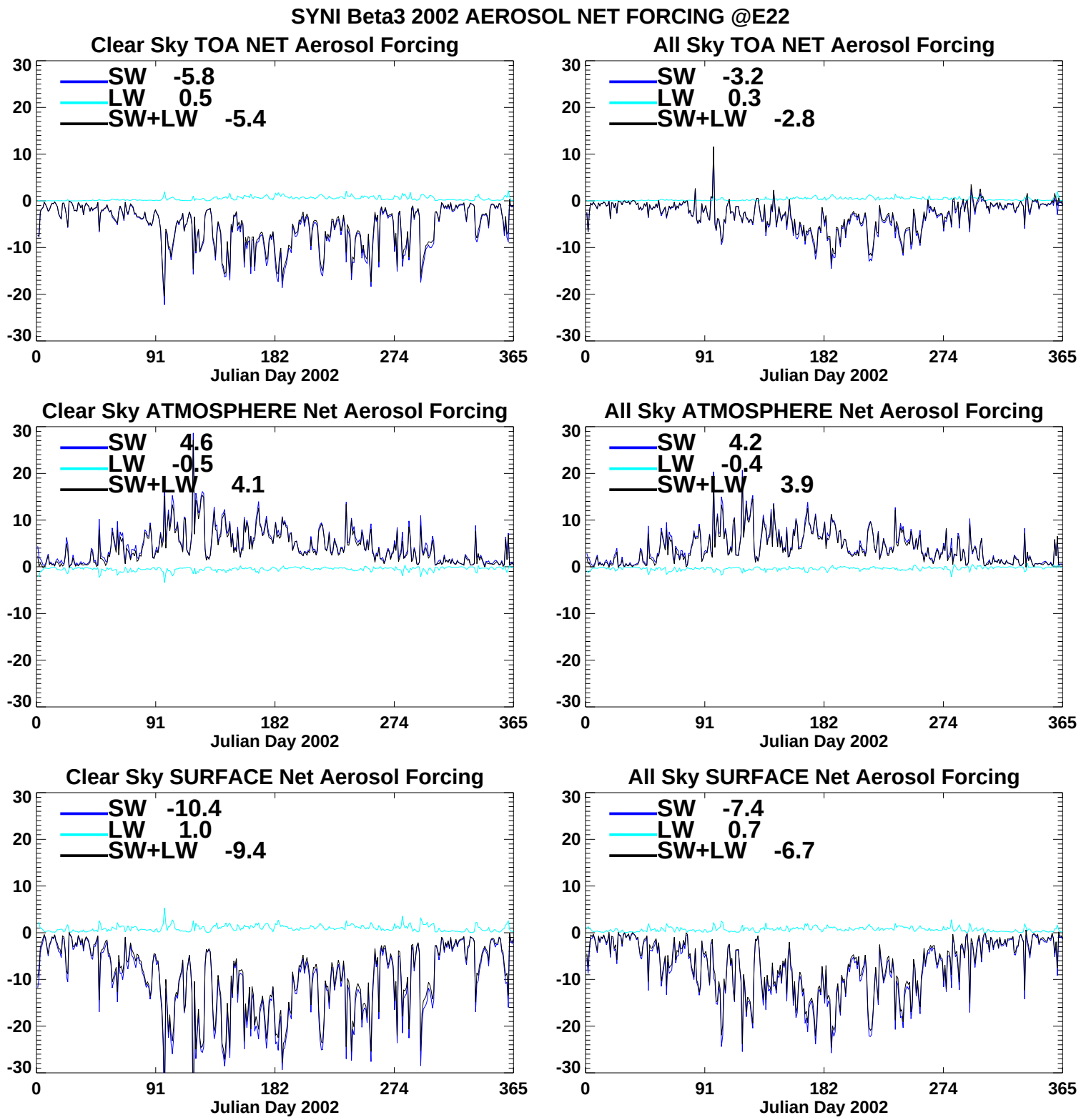


Cloud Forced Radiative Stabilization



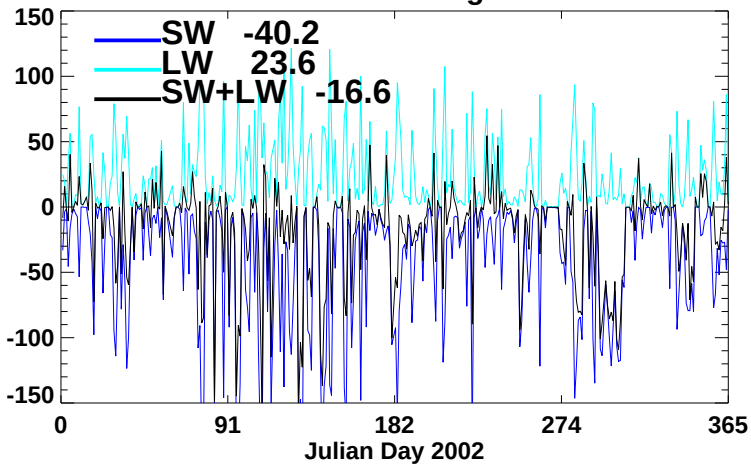
SYNI Beta3 2002 Atmosphere NET Forcing@E22



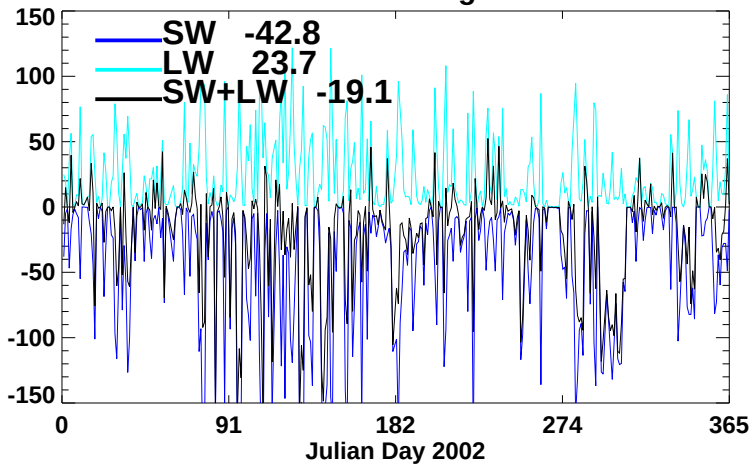

SYNI Beta3 2002 AEROSOL NET FORCING @E22
Clear Sky TOA NET Aerosol Forcing
SW -5.8
LW 0.5
SW+LW -5.4
All Sky TOA NET Aerosol Forcing
SW -3.2
LW 0.3
SW+LW -2.8
Clear Sky ATMOSPHERE Net Aerosol Forcing
SW 4.6
LW -0.5
SW+LW 4.1
All Sky ATMOSPHERE Net Aerosol Forcing
SW 4.2
LW -0.4
SW+LW 3.9
Clear Sky SURFACE Net Aerosol Forcing
SW -10.4
LW 1.0
SW+LW -9.4
All Sky SURFACE Net Aerosol Forcing
SW -7.4
LW 0.7
SW+LW -6.7
30
20
10
0
-10
-20
-30
0
91
182
274
365
Julian Day 2002

SYNI Beta3 2002 CLOUD NET FORCING @E22

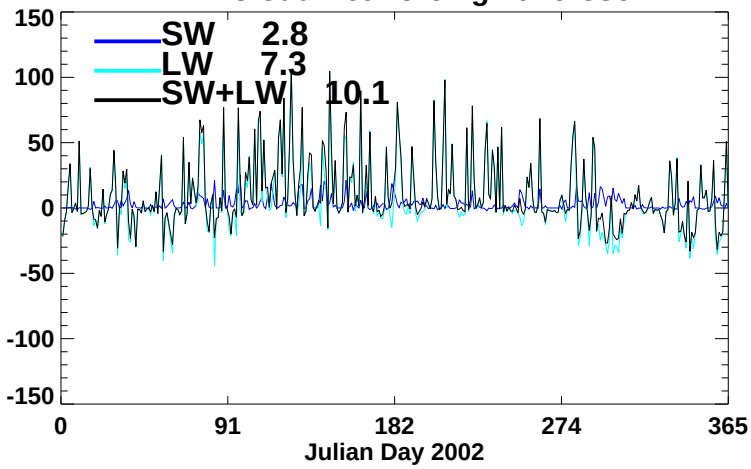
TOA Cloud Net Forcing w/Aerosol



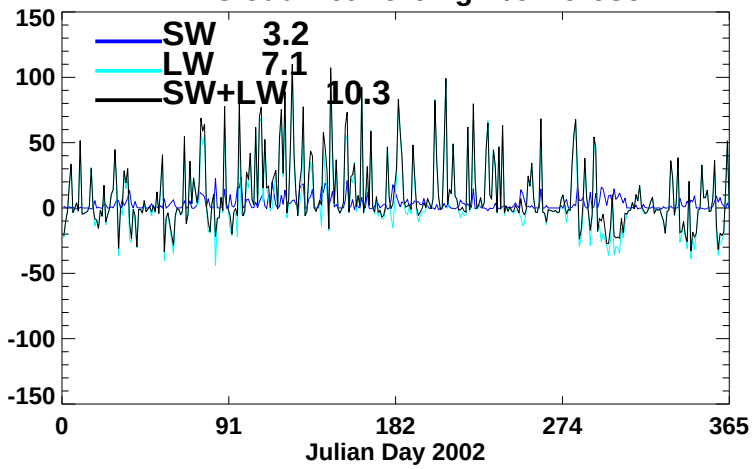
TOA Cloud Net Forcing w/o Aerosol



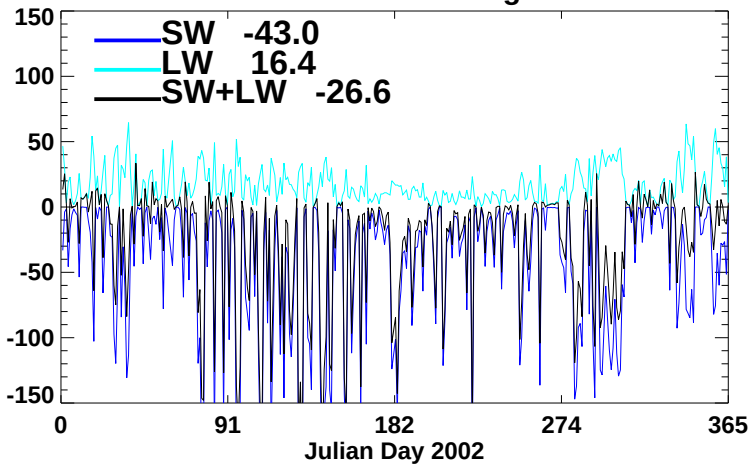
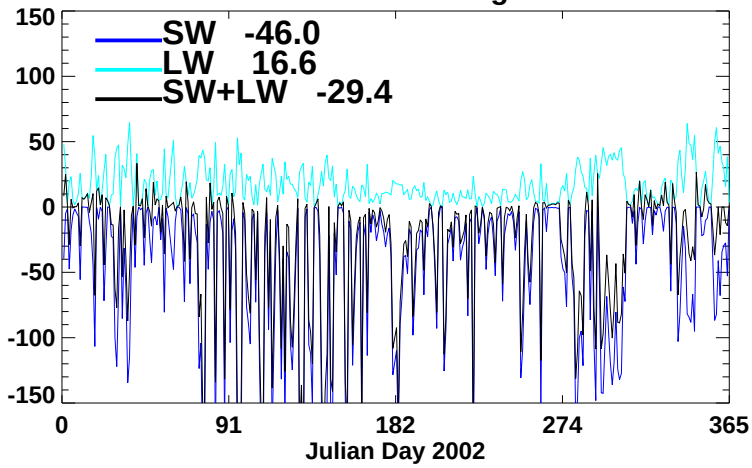
ATM Cloud Net Forcing w/Aerosol



ATM Cloud Net Forcing w/o Aerosol



SURFACE Cloud Net Forcing w/ Aerosol



SURFACE Cloud Net Forcing w/o Aerosol