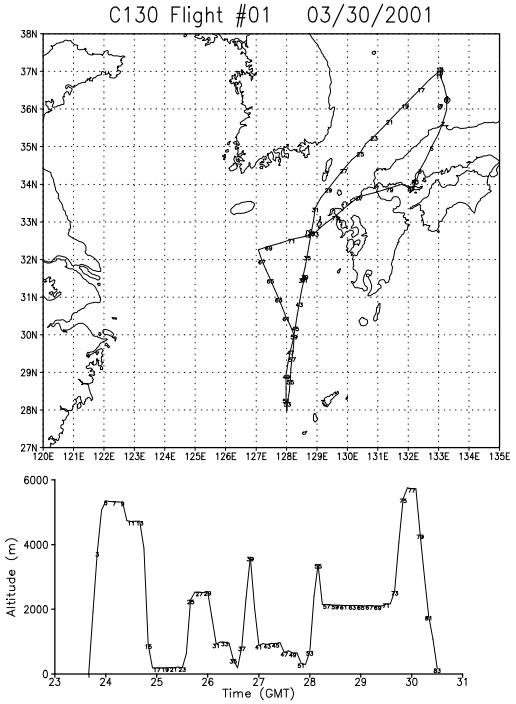
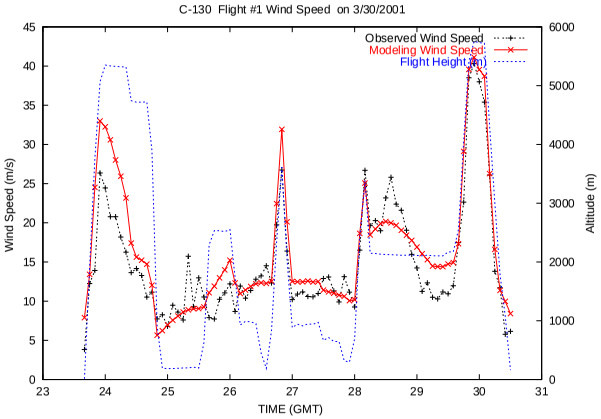
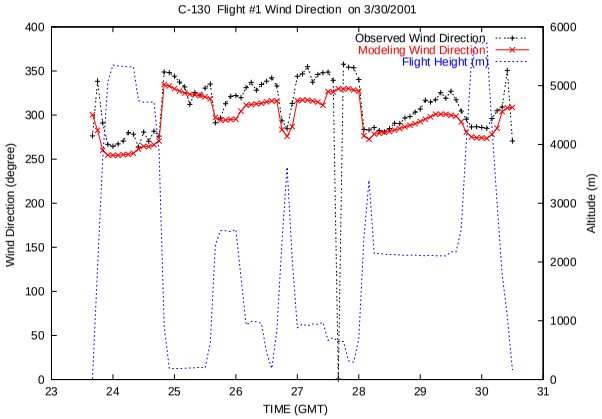
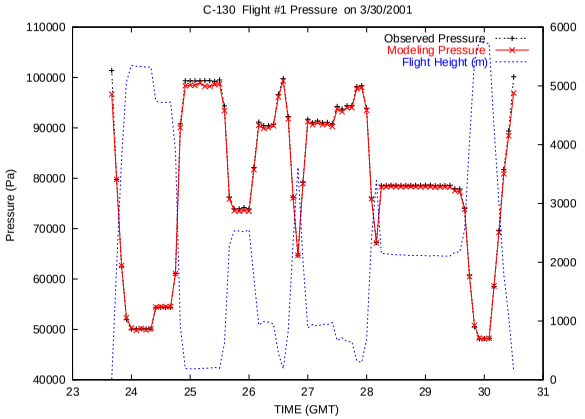
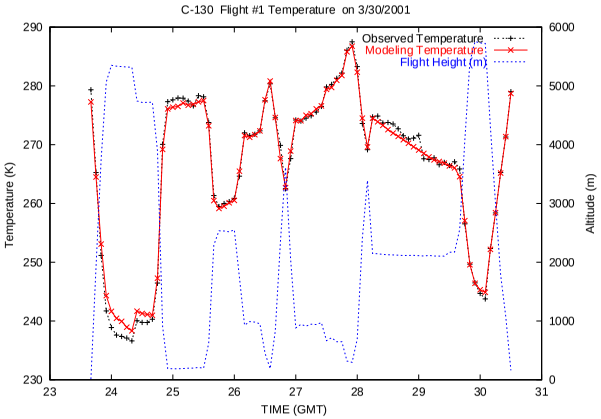
ACE-ASIA C-130 Flight #1

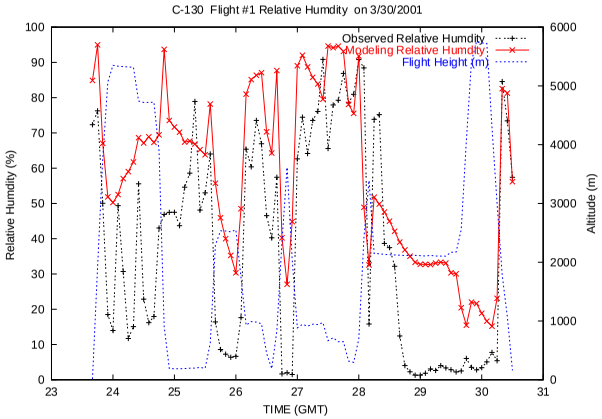


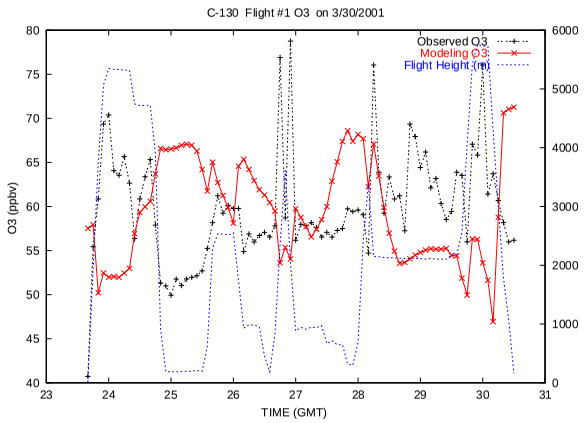


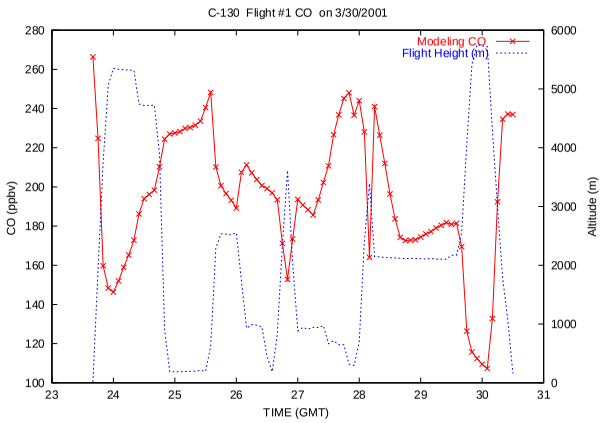


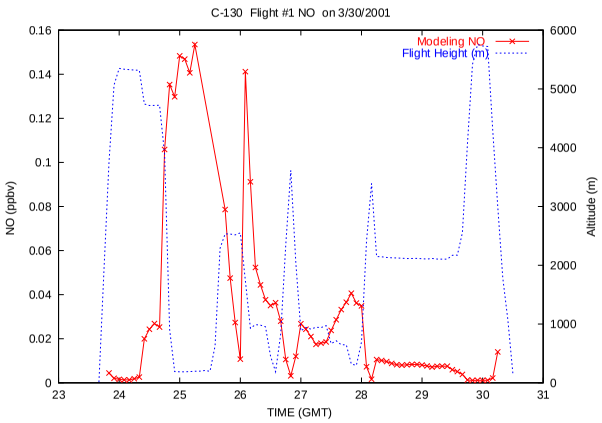


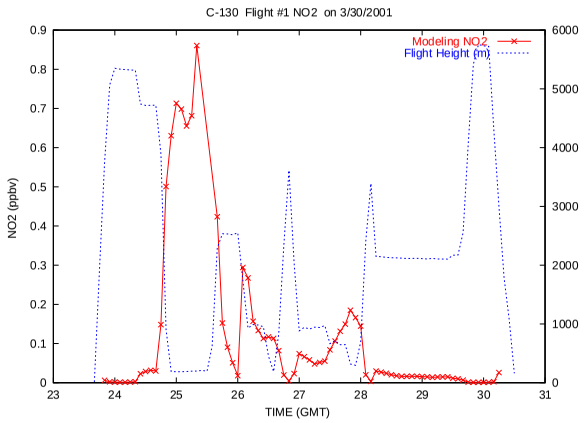


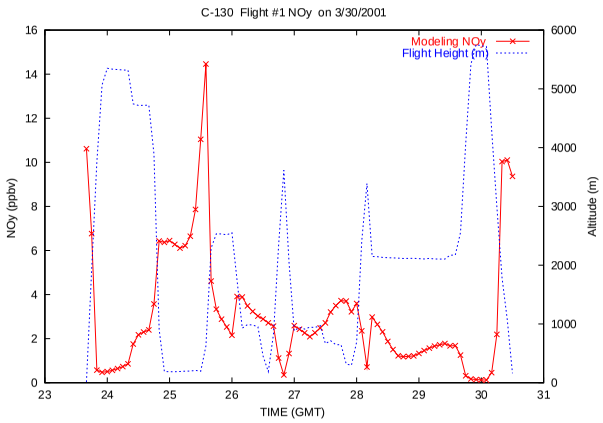


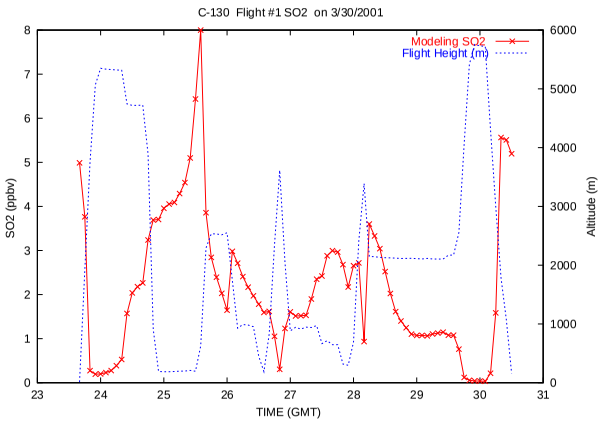

C-130 Flight #1 O3 on 3/30/2001
Observed O3
Modeling O3
Flight Height (m)
O3 (ppbv)
Altitude (m)
TIME (GMT)

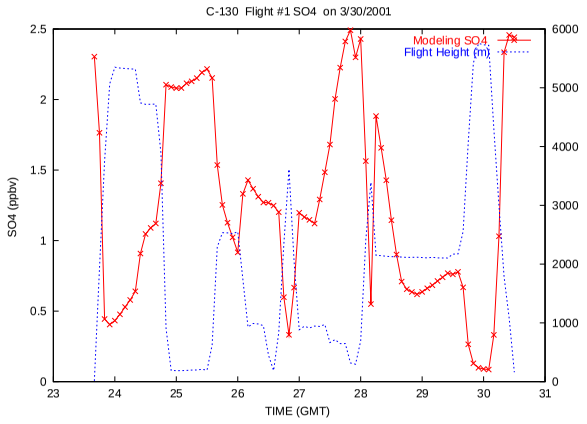

C-130 Flight #1 CO on 3/30/2001
Modeling CO
Flight Height (m)
CO (ppbv)
Altitude (m)
TIME (GMT)

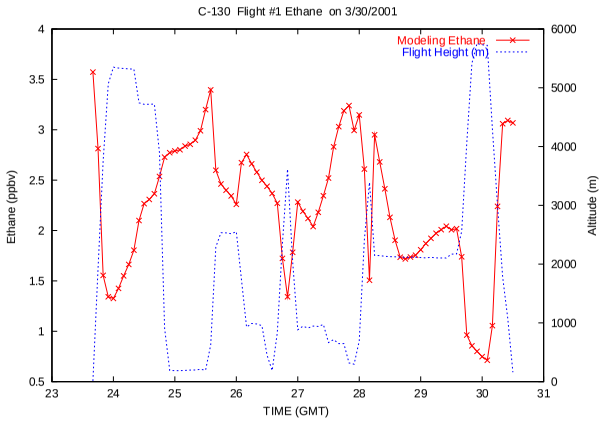

C-130 Flight #1 NO on 3/30/2001
Modeling NO
Flight Height (m)
NO (ppbv)
Altitude (m)
TIME (GMT)

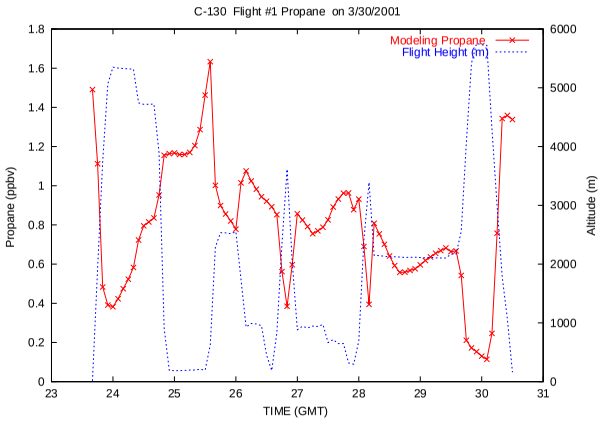

C-130 Flight #1 NO2 on 3/30/2001
Modeling NO2
Flight Height (m)
NO2 (ppbv)
Altitude (m)
TIME (GMT)

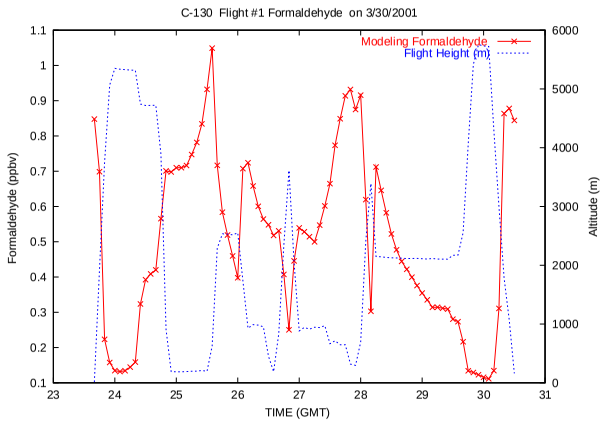

C-130 Flight #1 NOy on 3/30/2001
Modeling NOy
Flight Height (m)
NOy (ppbv)
Altitude (m)
TIME (GMT)

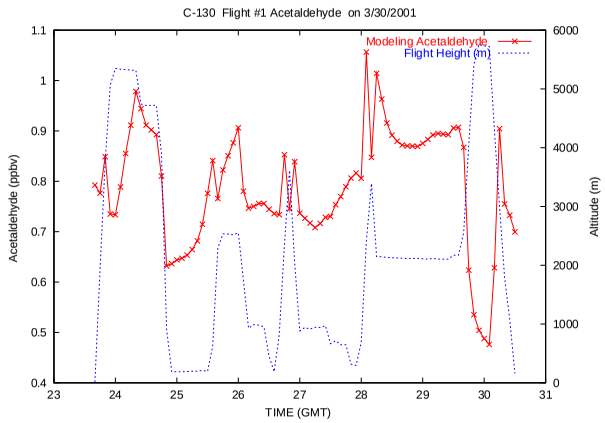

C-130 Flight #1 SO2 on 3/30/2001
Modeling SO2
Flight Height (m)
SO2 (ppbv)
Altitude (m)
TIME (GMT)

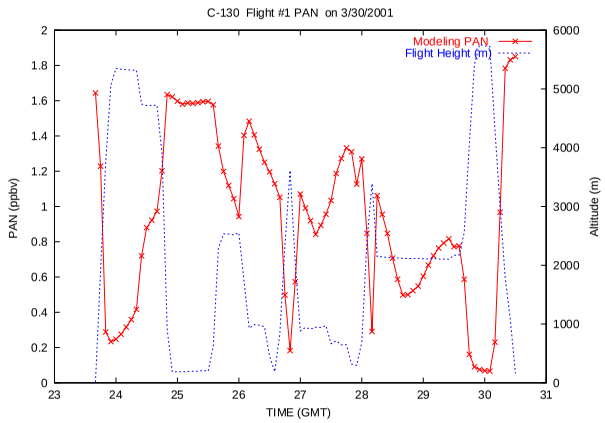

C-130 Flight #1 SO4 on 3/30/2001
Modeling SO4
Flight Height (m)
SO4 (ppbv)
Altitude (m)
TIME (GMT)

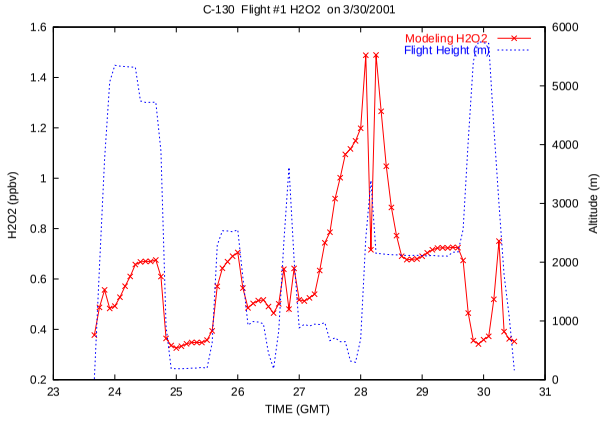

C-130 Flight #1 Ethane on 3/30/2001
Modeling Ethane
Flight Height (m)
Ethane (ppbv)
Altitude (m)
TIME (GMT)

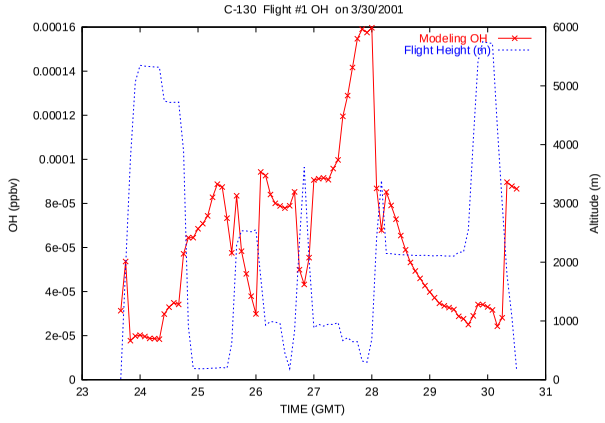

C-130 Flight #1 Propane on 3/30/2001
Modeling Propane
Flight Height (m)
Propane (ppbv)
Altitude (m)
TIME (GMT)

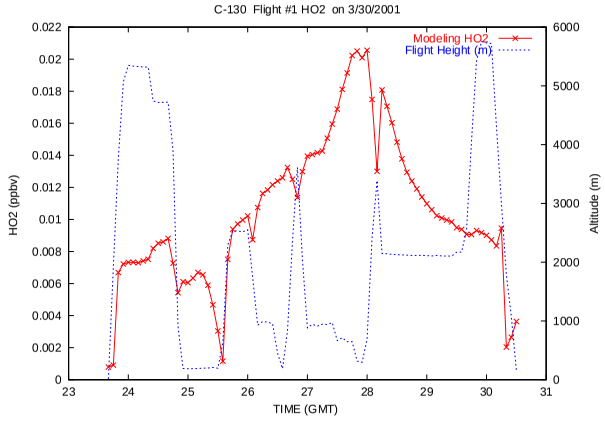

C-130 Flight #1 Formaldehyde on 3/30/2001
Modeling Formaldehyde
Flight Height (m)
Formaldehyde (ppbv)
Altitude (m)
TIME (GMT)

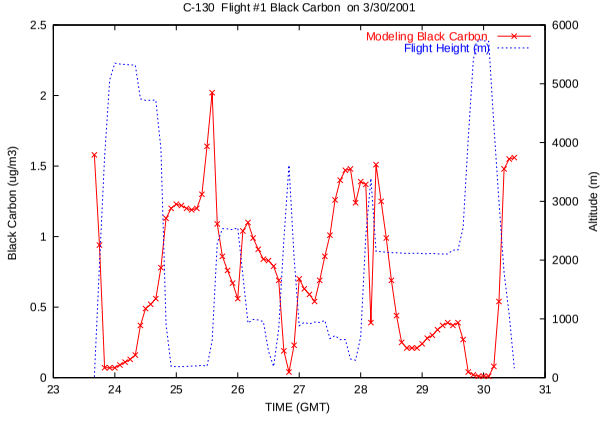

C-130 Flight #1 Acetaldehyde on 3/30/2001
Modeling Acetaldehyde
Flight Height (m)
Acetaldehyde (ppbv)
Altitude (m)
TIME (GMT)

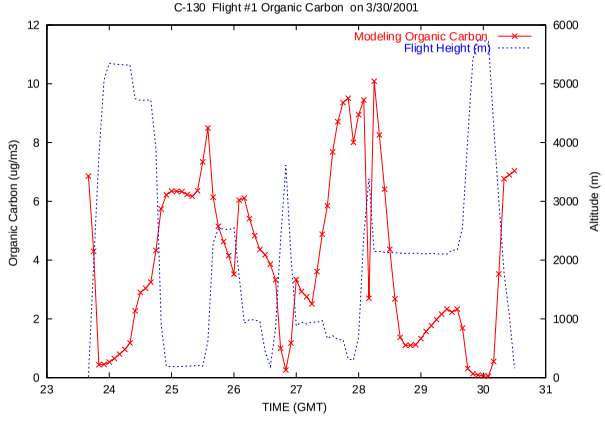

C-130 Flight #1 PAN on 3/30/2001
Modeling PAN
Flight Height (m)
PAN (ppbv)
Altitude (m)
TIME (GMT)

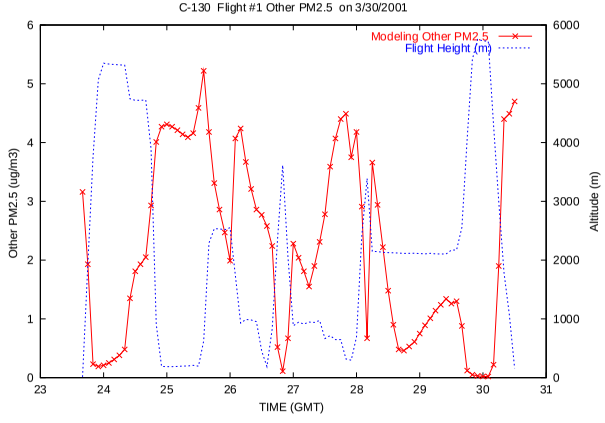

C-130 Flight #1 H2O2 on 3/30/2001
Modeling H2O2
Flight Height (m)
H2O2 (ppbv)
Altitude (m)
TIME (GMT)

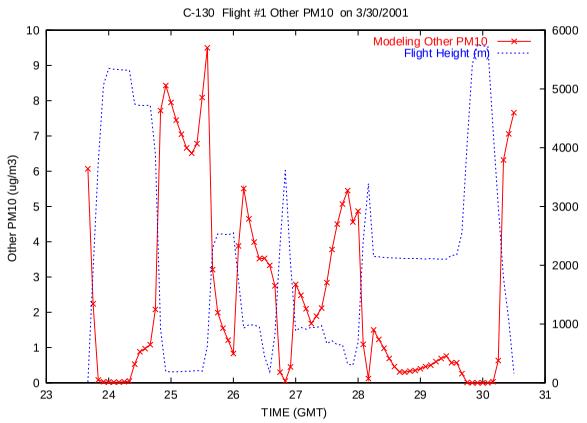

C-130 Flight #1 OH on 3/30/2001
Modeling OH
Flight Height (m)
OH (ppbv)
Altitude (m)
TIME (GMT)

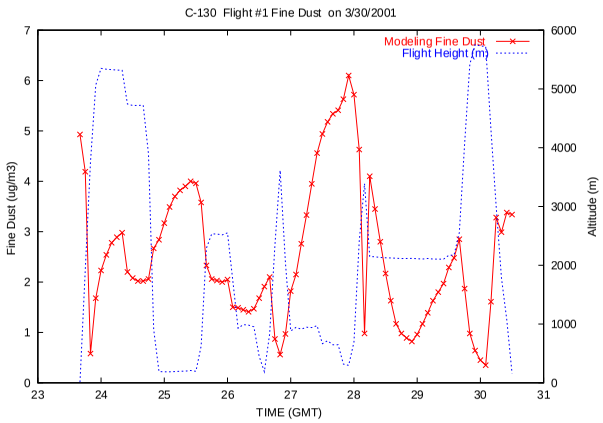

C-130 Flight #1 HO2 on 3/30/2001
Modeling HO2
Flight Height (m)
HO2 (ppbv)
Altitude (m)
TIME (GMT)

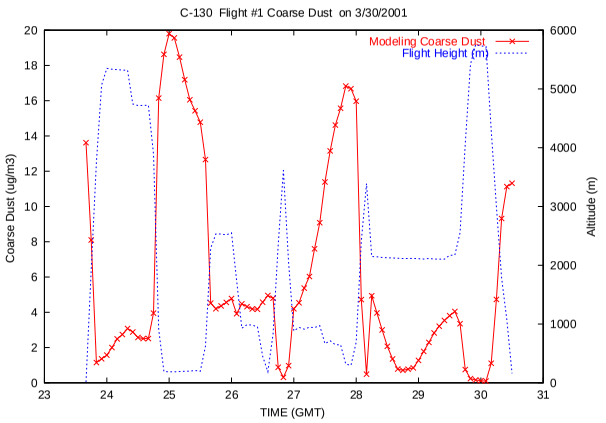

C-130 Flight #1 Black Carbon on 3/30/2001
Modeling Black Carbon
Flight Height (m)
Black Carbon (ug/m3)
Altitude (m)
TIME (GMT)

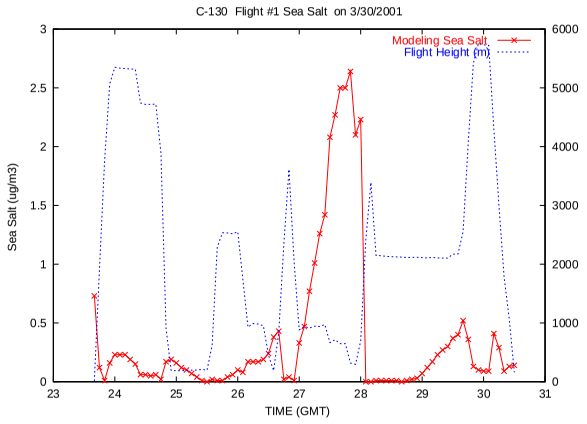

C-130 Flight #1 Organic Carbon on 3/30/2001
Modeling Organic Carbon
Flight Height (m)
Organic Carbon (ug/m3)
Altitude (m)
TIME (GMT)

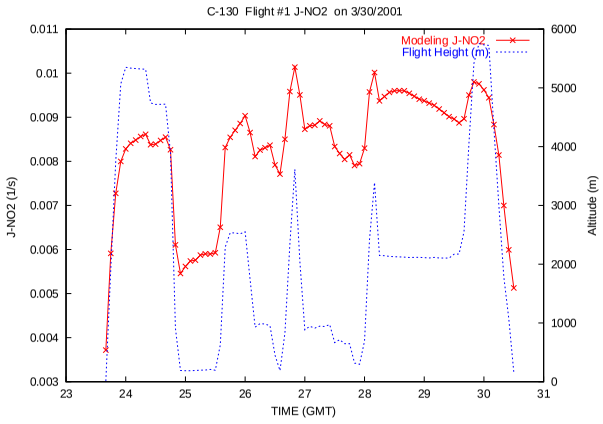

C-130 Flight #1 Other PM2.5 on 3/30/2001
Modeling Other PM2.5
Flight Height (m)
Other PM2.5 (ug/m3)
Altitude (m)
TIME (GMT)

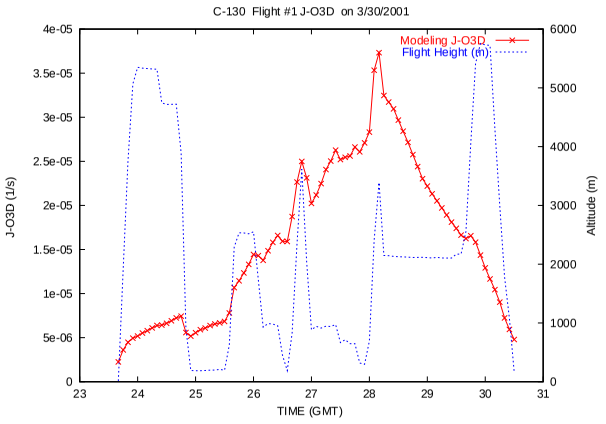

C-130 Flight #1 Other PM10 on 3/30/2001
Modeling Other PM10
Flight Height (m)
Other PM10 (ug/m3)
Altitude (m)
TIME (GMT)

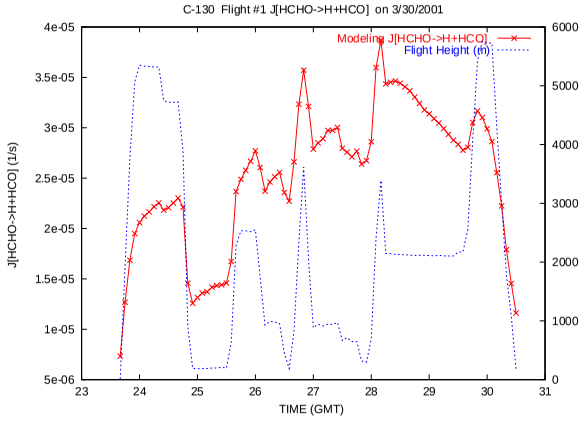

C-130 Flight #1 Fine Dust on 3/30/2001
Modeling Fine Dust
Flight Height (m)
Fine Dust (ug/m3)
Altitude (m)
TIME (GMT)

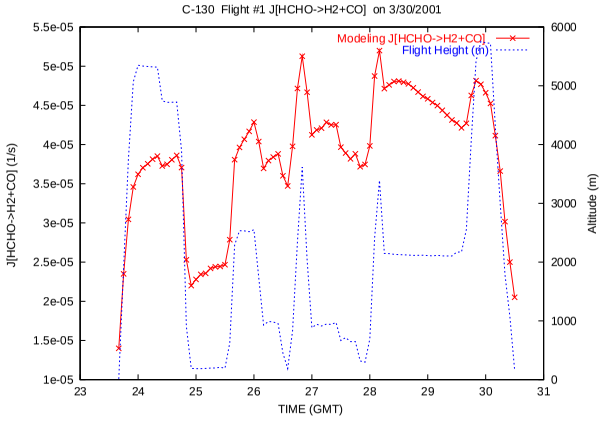

C-130 Flight #1 Coarse Dust on 3/30/2001
Modeling Coarse Dust
Flight Height (m)
Coarse Dust (ug/m3)
Altitude (m)
TIME (GMT)

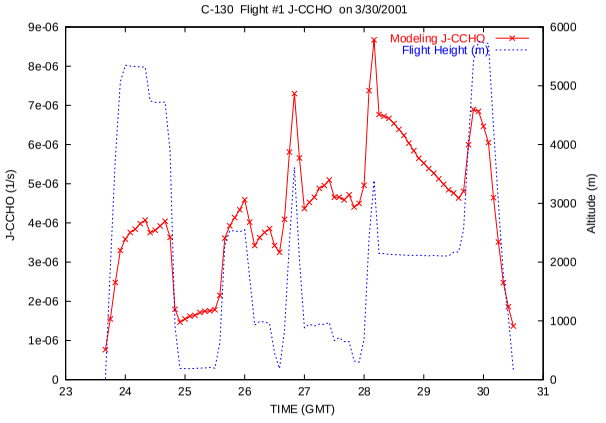

C-130 Flight #1 Sea Salt on 3/30/2001
Modeling Sea Salt
Flight Height (m)
Sea Salt (ug/m3)
Altitude (m)
TIME (GMT)

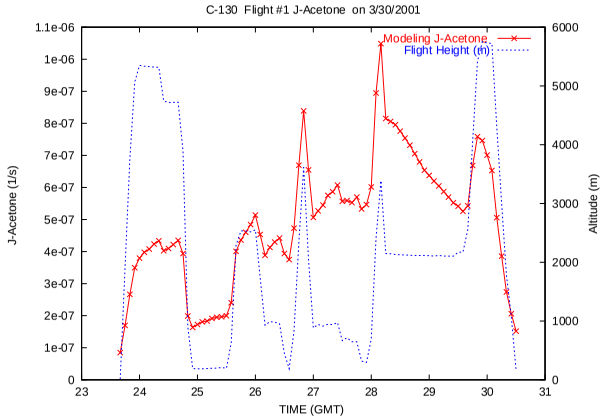

C-130 Flight #1 J-NO2 on 3/30/2001
Modeling J-NO2
Flight Height (m)
J-NO2 (1/s)
Altitude (m)
TIME (GMT)

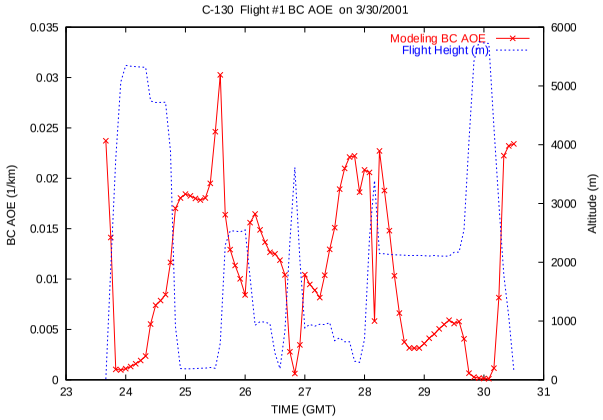

C-130 Flight #1 J-O3D on 3/30/2001
Modeling J-O3D
Flight Height (m)
J-O3D (1/s)
Altitude (m)
TIME (GMT)

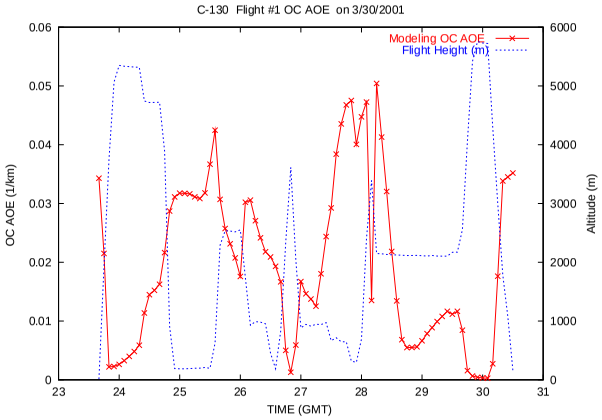

C-130 Flight #1 J[HCHO->H+HCO] on 3/30/2001
Modeling J[HCHO->H+HCO]
Flight Height (m)
J[HCHO->H+HCO] (1/s)
Altitude (m)
TIME (GMT)

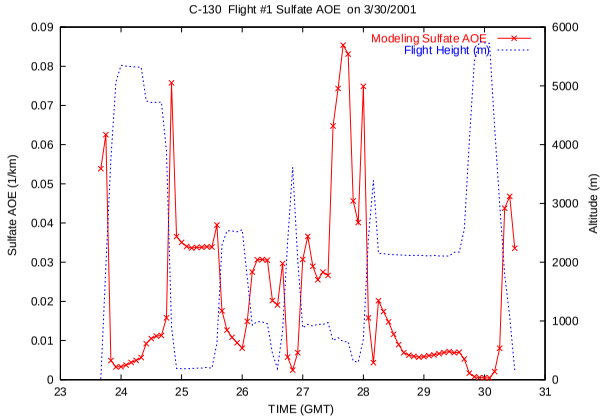

C-130 Flight #1 J[HCHO->H2+CO] on 3/30/2001
Modeling J[HCHO->H2+CO]
Flight Height (m)
J[HCHO->H2+CO] (1/s)
Altitude (m)
TIME (GMT)

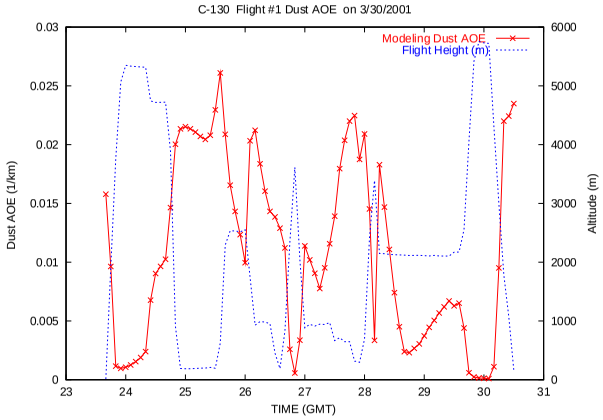

C-130 Flight #1 J-CCHO on 3/30/2001
Modeling J-CCHO
Flight Height (m)
J-CCHO (1/s)
Altitude (m)
TIME (GMT)

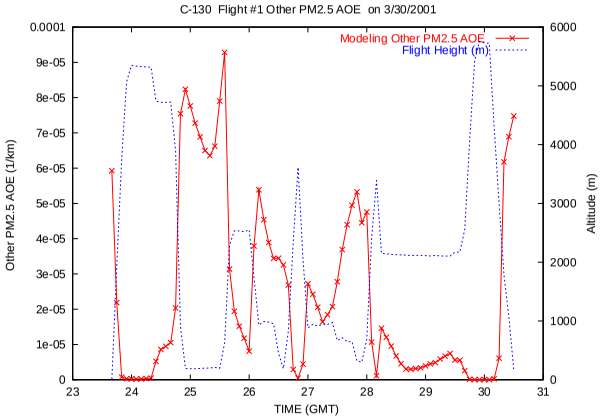

C-130 Flight #1 J-Acetone on 3/30/2001
Modeling J-Acetone
Flight Height (m)
J-Acetone (1/s)
Altitude (m)
TIME (GMT)

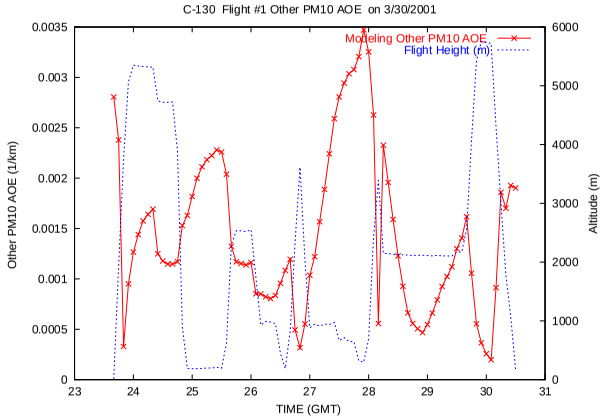

C-130 Flight #1 BC AOE on 3/30/2001
Modeling BC AOE
Flight Height (m)
BC AOE (1/km)
Altitude (m)
TIME (GMT)

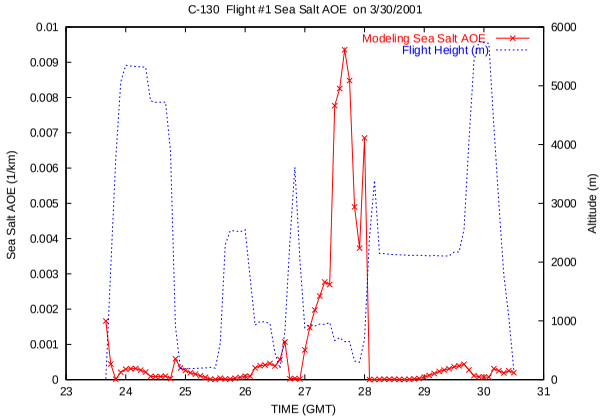

C-130 Flight #1 OC AOE on 3/30/2001
Modeling OC AOE
Flight Height (m)
OC AOE (1/km)
Altitude (m)
TIME (GMT)

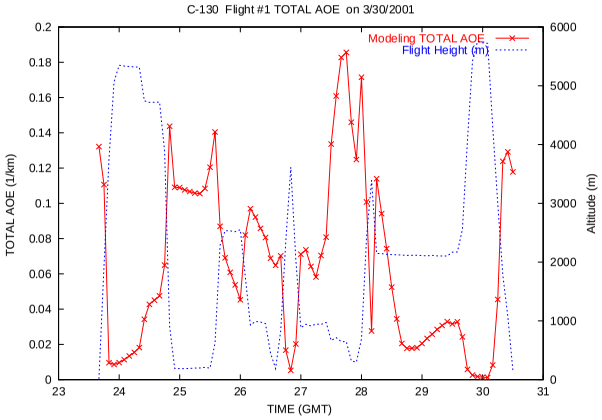

C-130 Flight #1 Sulfate AOE on 3/30/2001
Modeling Sulfate AOE
Flight Height (m)
Sulfate AOE (1/km)
Altitude (m)
TIME (GMT)


C-130 Flight #1 Dust AOE on 3/30/2001
Modeling Dust AOE
Flight Height (m)
Dust AOE (1/km)
Altitude (m)
TIME (GMT)

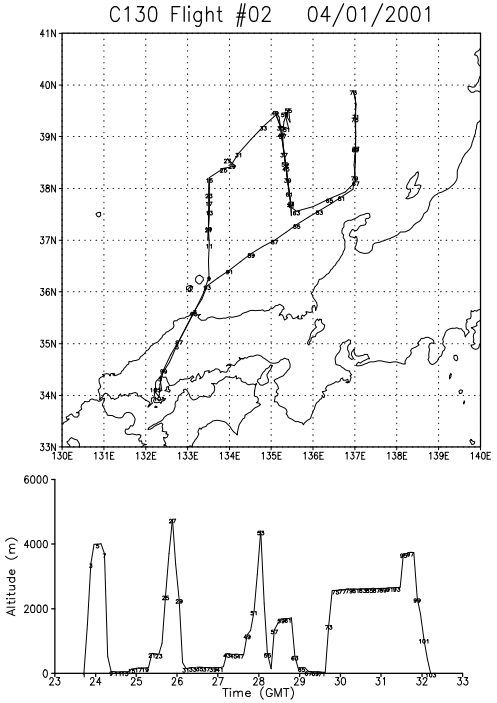

C-130 Flight #1 Other PM2.5 AOE on 3/30/2001
Modeling Other PM2.5 AOE
Flight Height (m)
Other PM2.5 AOE (1/km)
Altitude (m)
TIME (GMT)

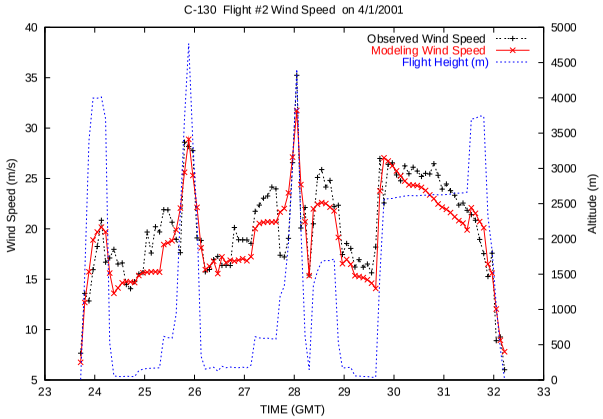

C-130 Flight #1 Other PM10 AOE on 3/30/2001
Modeling Other PM10 AOE
Flight Height (m)
Other PM10 AOE (1/km)
Altitude (m)
TIME (GMT)

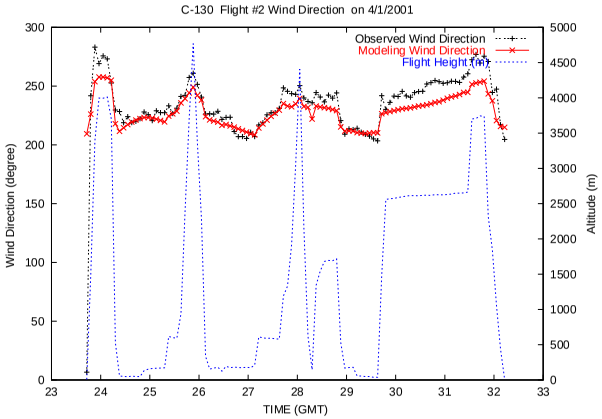

C-130 Flight #1 Sea Salt AOE on 3/30/2001
Modeling Sea Salt AOE
Flight Height (m)
Sea Salt AOE (1/km)
Altitude (m)
TIME (GMT)

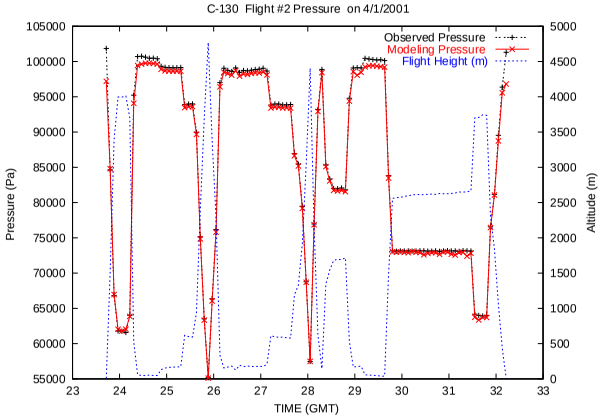

C-130 Flight #1 TOTAL AOE on 3/30/2001
Modeling TOTAL AOE
Flight Height (m)
TOTAL AOE (1/km)
Altitude (m)
TIME (GMT)

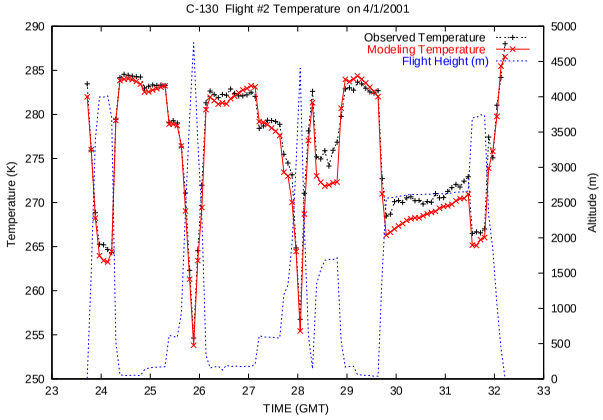
ACE-ASIA C-130 Flight #2

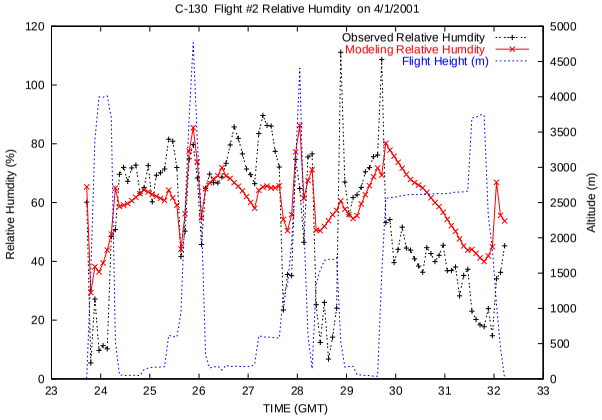


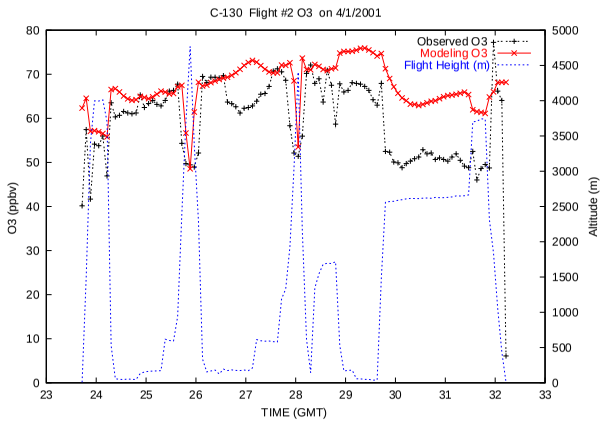


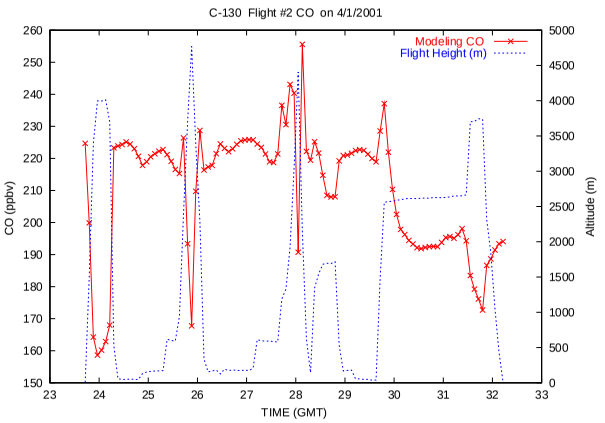


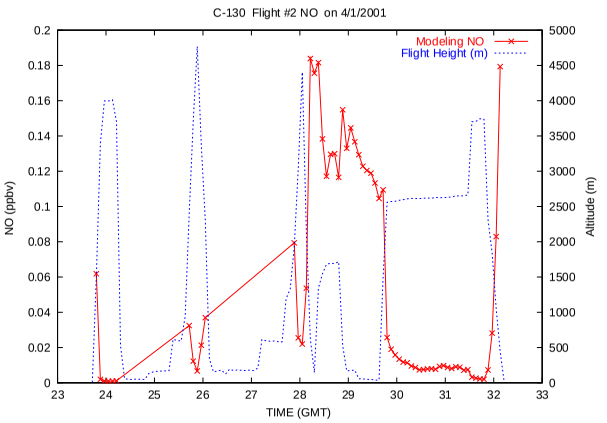


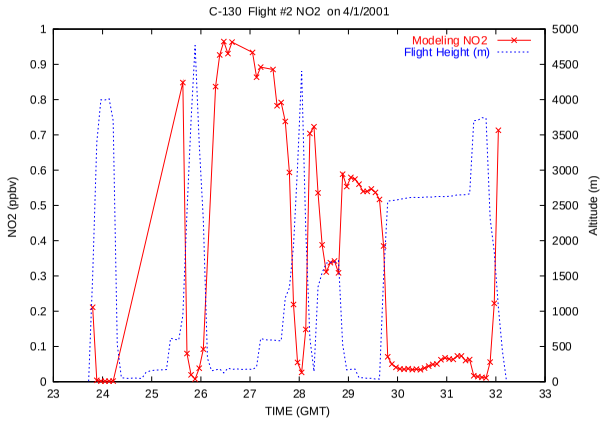


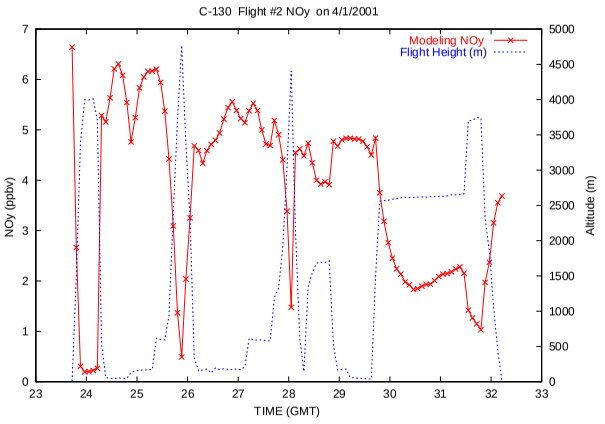


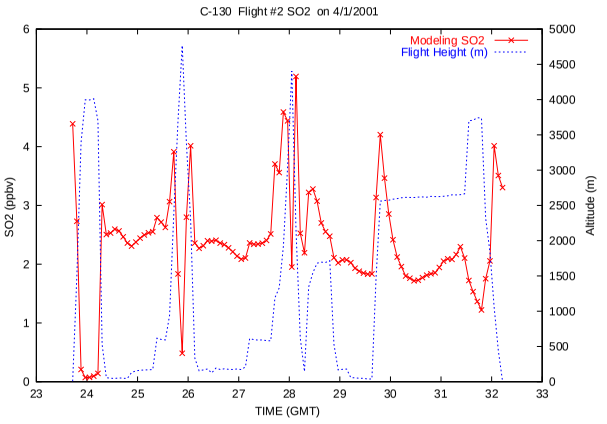

C-130 Flight #2 O3 on 4/1/2001
Observed O3
Modeling O3
Flight Height (m)
O3 (ppbv)
Altitude (m)
TIME (GMT)

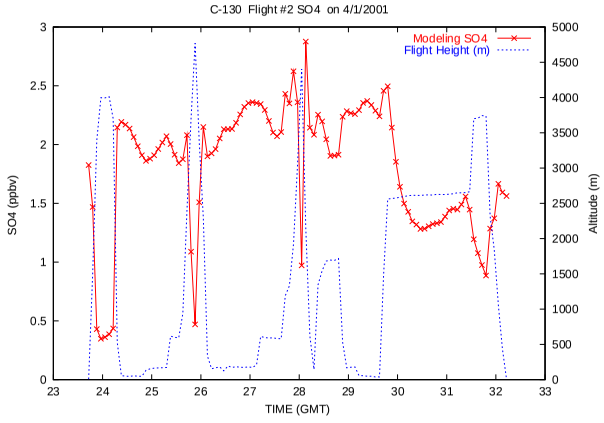

C-130 Flight #2 CO on 4/1/2001
Modeling CO
Flight Height (m)
CO (ppbv)
Altitude (m)
TIME (GMT)

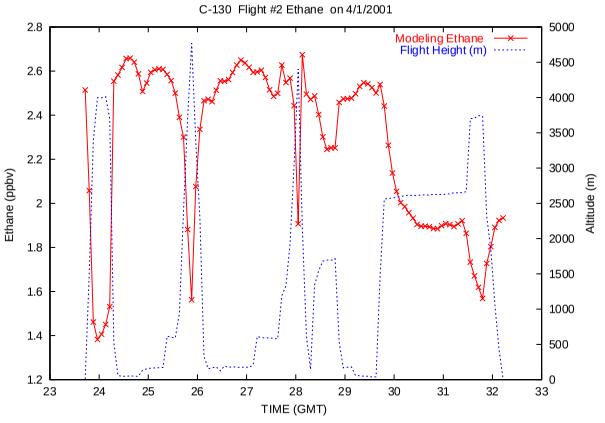

C-130 Flight #2 NO on 4/1/2001
Modeling NO
Flight Height (m)
NO (ppbv)
Altitude (m)
TIME (GMT)

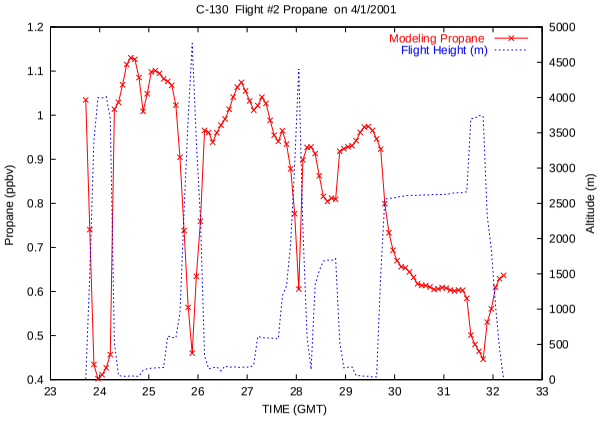

C-130 Flight #2 NO2 on 4/1/2001
Modeling NO2
Flight Height (m)
NO2 (ppbv)
Altitude (m)
TIME (GMT)

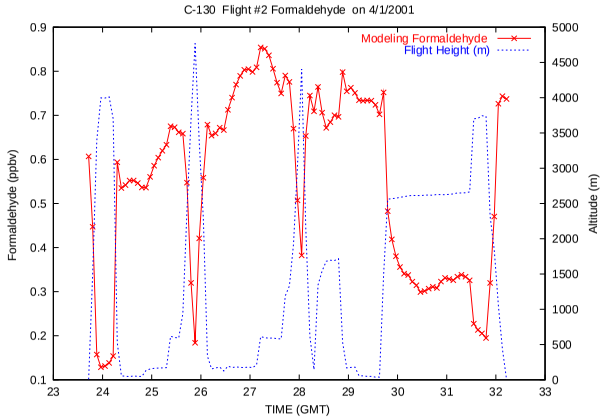

C-130 Flight #2 NOy on 4/1/2001
Modeling NOy
Flight Height (m)
NOy (ppbv)
Altitude (m)
TIME (GMT)

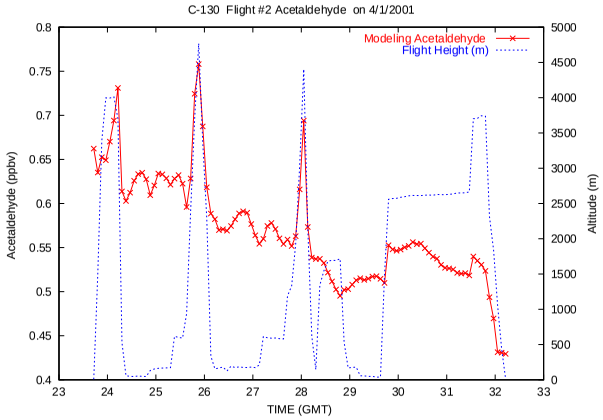

C-130 Flight #2 SO2 on 4/1/2001
Modeling SO2
Flight Height (m)
SO2 (ppbv)
Altitude (m)
TIME (GMT)

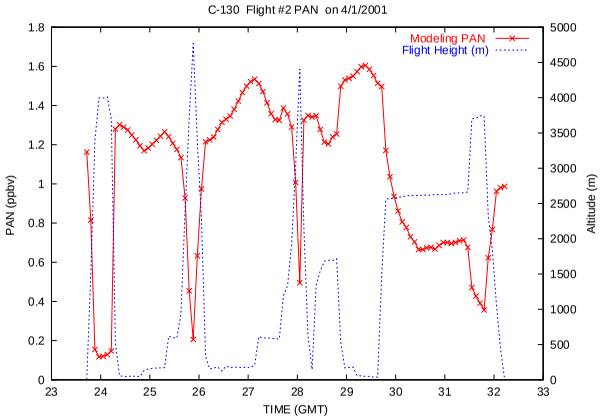

C-130 Flight #2 SO4 on 4/1/2001
Modeling SO4
Flight Height (m)
SO4 (ppbv)
Altitude (m)
TIME (GMT)

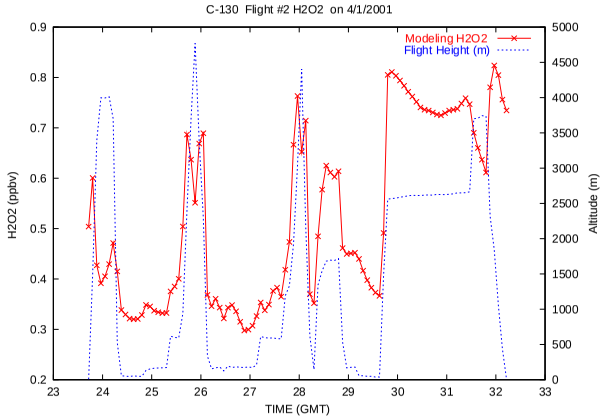

C-130 Flight #2 Ethane on 4/1/2001
Modeling Ethane
Flight Height (m)
Ethane (ppbv)
Altitude (m)
TIME (GMT)

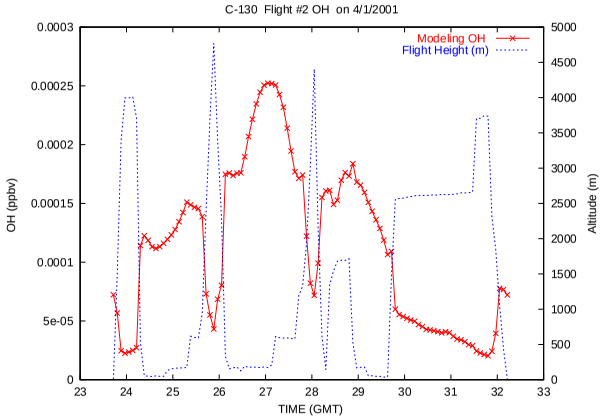

C-130 Flight #2 Propane on 4/1/2001
Modeling Propane
Flight Height (m)
Propane (ppbv)
Altitude (m)
TIME (GMT)

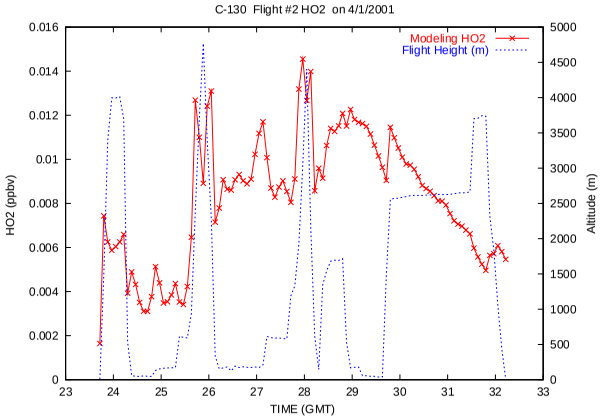

C-130 Flight #2 Formaldehyde on 4/1/2001
Modeling Formaldehyde
Flight Height (m)
Formaldehyde (ppbv)
Altitude (m)
TIME (GMT)

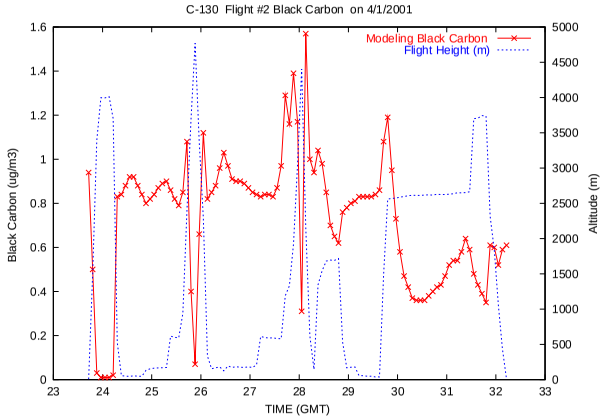

C-130 Flight #2 Acetaldehyde on 4/1/2001
Modeling Acetaldehyde
Flight Height (m)
Acetaldehyde (ppbv)
Altitude (m)
TIME (GMT)

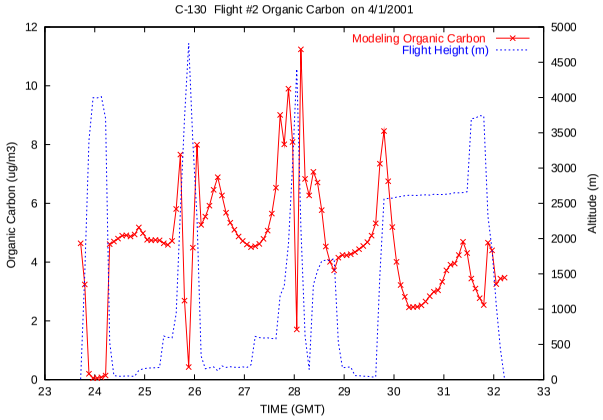

C-130 Flight #2 PAN on 4/1/2001
Modeling PAN
Flight Height (m)
PAN (ppbv)
Altitude (m)
TIME (GMT)

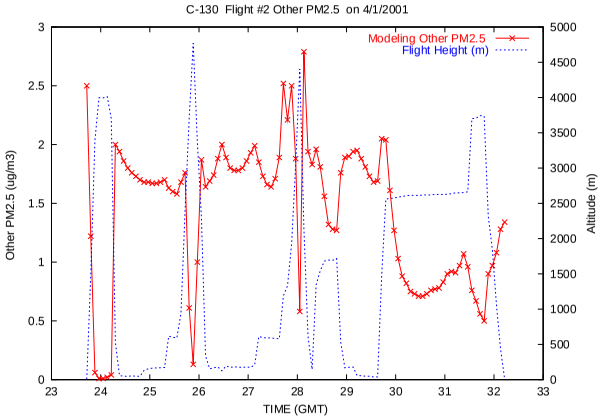

C-130 Flight #2 H2O2 on 4/1/2001
Modeling H2O2
Flight Height (m)
H2O2 (ppbv)
Altitude (m)
TIME (GMT)

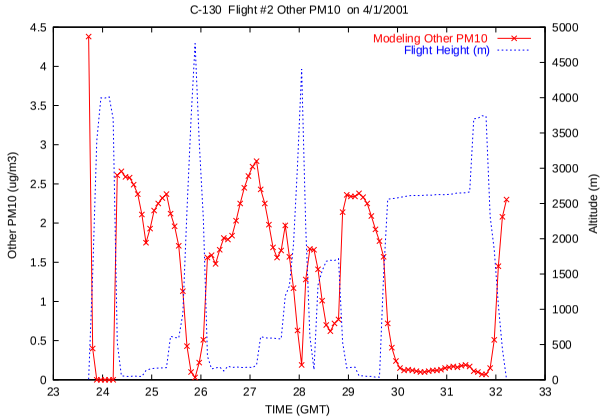

C-130 Flight #2 OH on 4/1/2001
Modeling OH
Flight Height (m)
OH (ppbv)
Altitude (m)
TIME (GMT)

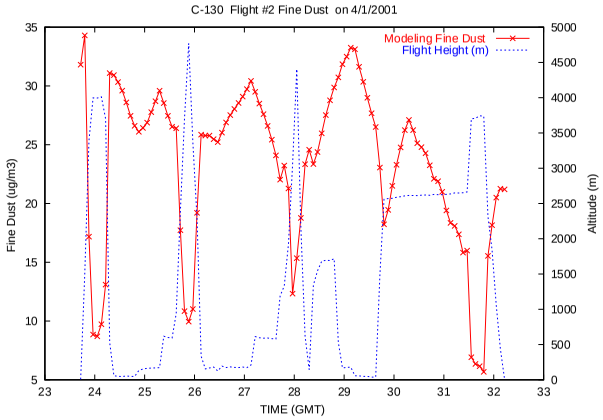

C-130 Flight #2 HO2 on 4/1/2001
Modeling HO2
Flight Height (m)
HO2 (ppbv)
Altitude (m)
TIME (GMT)

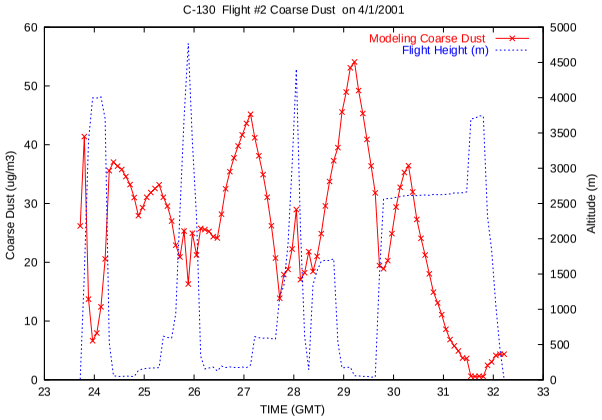

C-130 Flight #2 Black Carbon on 4/1/2001
Modeling Black Carbon
Flight Height (m)
Black Carbon (ug/m3)
Altitude (m)
TIME (GMT)

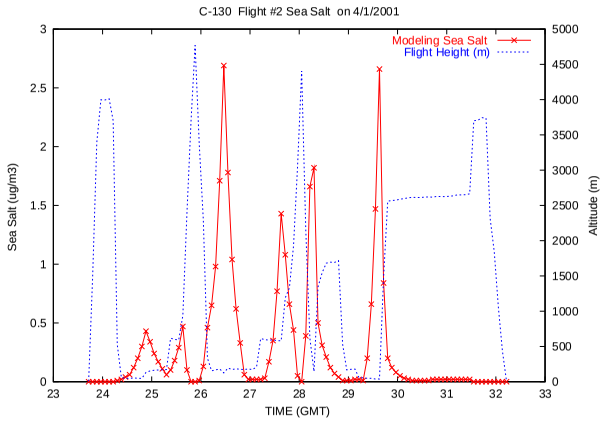

C-130 Flight #2 Organic Carbon on 4/1/2001
Modeling Organic Carbon
Flight Height (m)
Organic Carbon (ug/m3)
Altitude (m)
TIME (GMT)

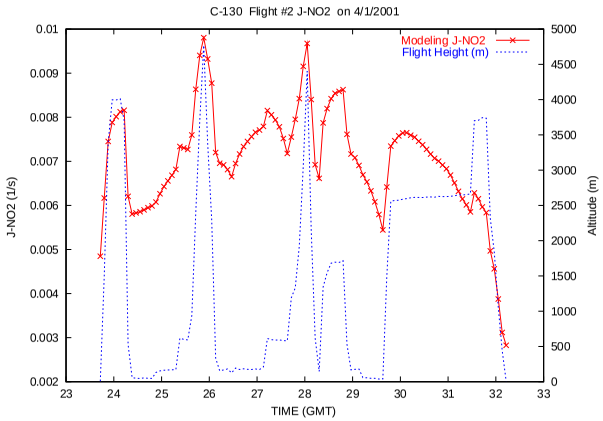

C-130 Flight #2 Other PM2.5 on 4/1/2001
Modeling Other PM2.5
Flight Height (m)
Other PM2.5 (ug/m3)
Altitude (m)
TIME (GMT)

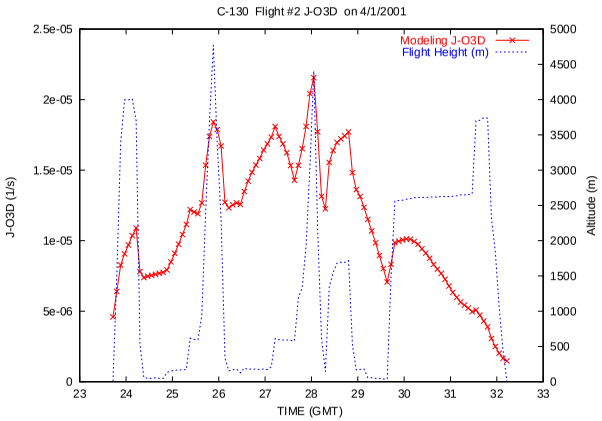

C-130 Flight #2 Other PM10 on 4/1/2001
Modeling Other PM10
Flight Height (m)
Other PM10 (ug/m3)
Altitude (m)
TIME (GMT)

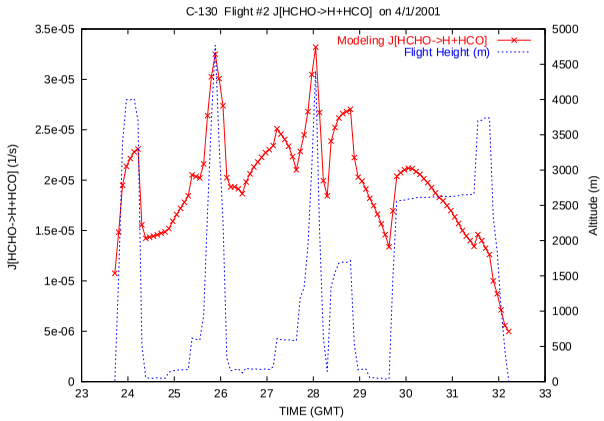

C-130 Flight #2 Fine Dust on 4/1/2001
Modeling Fine Dust
Flight Height (m)
Fine Dust (ug/m3)
Altitude (m)
TIME (GMT)

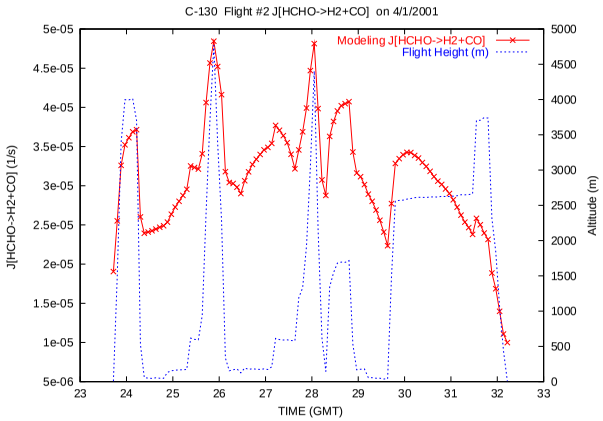

C-130 Flight #2 Coarse Dust on 4/1/2001
Modeling Coarse Dust
Flight Height (m)
Coarse Dust (ug/m3)
Altitude (m)
TIME (GMT)

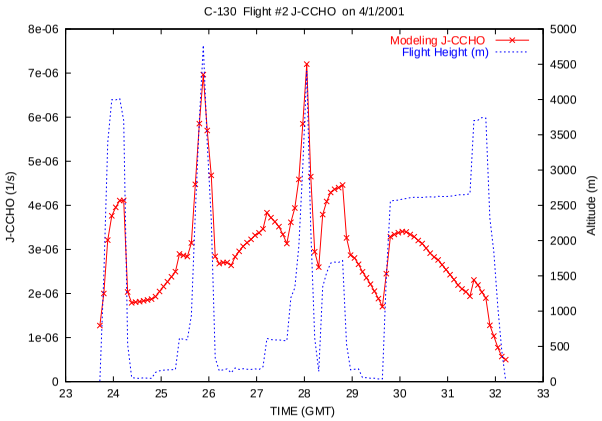

C-130 Flight #2 Sea Salt on 4/1/2001
Modeling Sea Salt
Flight Height (m)
Sea Salt (ug/m3)
Altitude (m)
TIME (GMT)

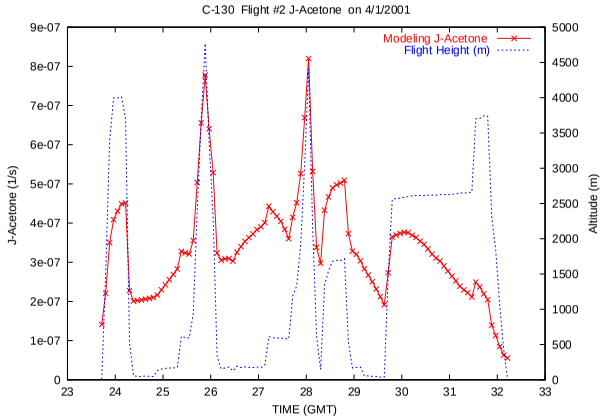

C-130 Flight #2 J-NO2 on 4/1/2001
Modeling J-NO2
Flight Height (m)
J-NO2 (1/s)
Altitude (m)
TIME (GMT)

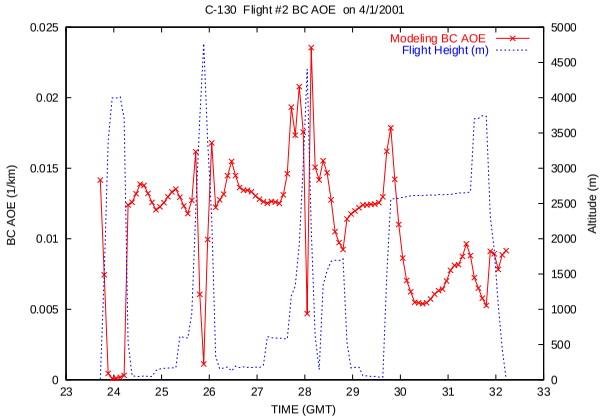

C-130 Flight #2 J-O3D on 4/1/2001
Modeling J-O3D
Flight Height (m)
J-O3D (1/s)
Altitude (m)
TIME (GMT)

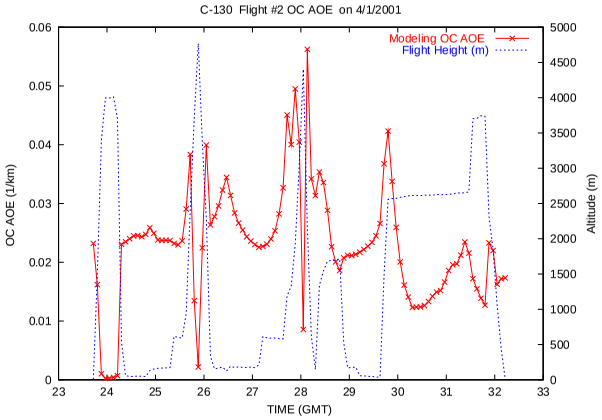

C-130 Flight #2 J[HCHO->H+HCO] on 4/1/2001
Modeling J[HCHO->H+HCO]
Flight Height (m)
J[HCHO->H+HCO] (1/s)
Altitude (m)
TIME (GMT)

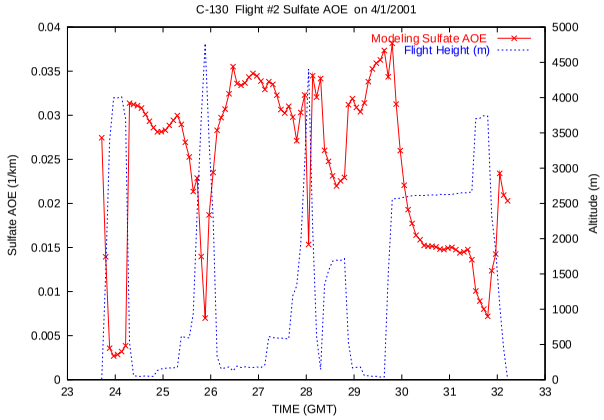

C-130 Flight #2 J[HCHO->H2+CO] on 4/1/2001
Modeling J[HCHO->H2+CO]
Flight Height (m)
J[HCHO->H2+CO] (1/s)
Altitude (m)
TIME (GMT)

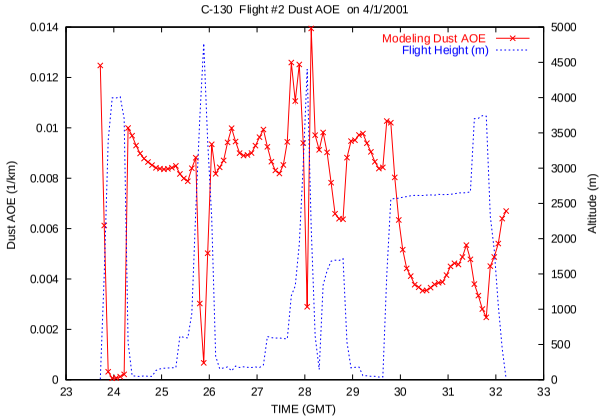

C-130 Flight #2 J-CCHO on 4/1/2001
Modeling J-CCHO
Flight Height (m)
J-CCHO (1/s)
Altitude (m)
TIME (GMT)

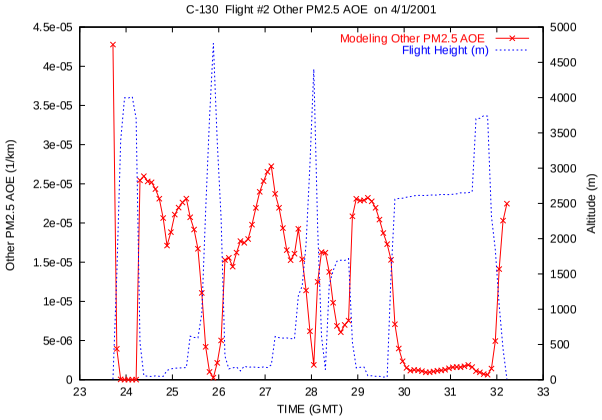

C-130 Flight #2 J-Acetone on 4/1/2001
Modeling J-Acetone
Flight Height (m)
J-Acetone (1/s)
Altitude (m)
TIME (GMT)

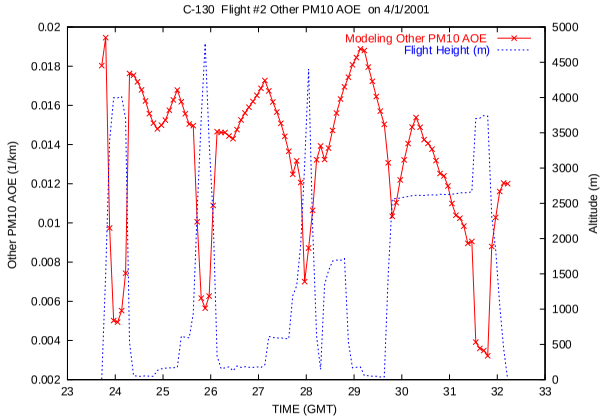

C-130 Flight #2 BC AOE on 4/1/2001
Modeling BC AOE
Flight Height (m)
BC AOE (1/km)
Altitude (m)
TIME (GMT)

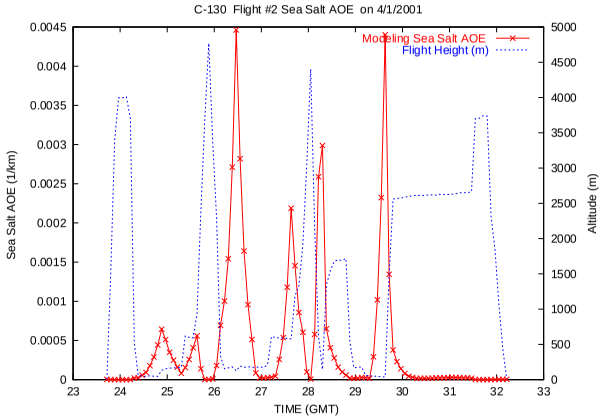

C-130 Flight #2 OC AOE on 4/1/2001
Modeling OC AOE
Flight Height (m)
OC AOE (1/km)
Altitude (m)
TIME (GMT)

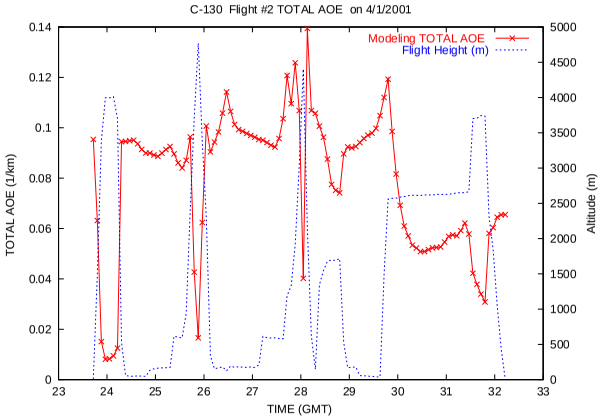

C-130 Flight #2 Sulfate AOE on 4/1/2001
Modeling Sulfate AOE
Flight Height (m)
Sulfate AOE (1/km)
Altitude (m)
TIME (GMT)


C-130 Flight #2 Dust AOE on 4/1/2001
Modeling Dust AOE
Flight Height (m)
Dust AOE (1/km)
Altitude (m)
TIME (GMT)

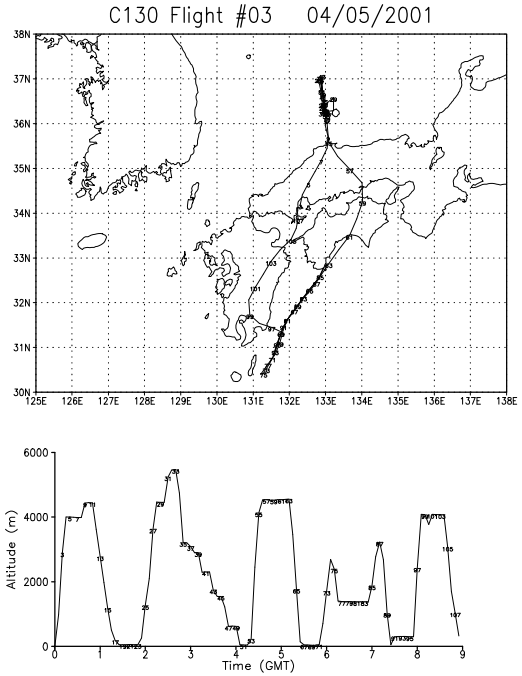

C-130 Flight #2 Other PM2.5 AOE on 4/1/2001
Modeling Other PM2.5 AOE
Flight Height (m)
Other PM2.5 AOE (1/km)
Altitude (m)
TIME (GMT)

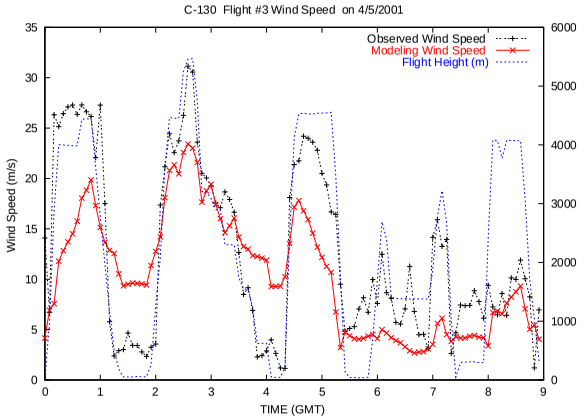

C-130 Flight #2 Other PM10 AOE on 4/1/2001
Modeling Other PM10 AOE
Flight Height (m)
Other PM10 AOE (1/km)
Altitude (m)
TIME (GMT)

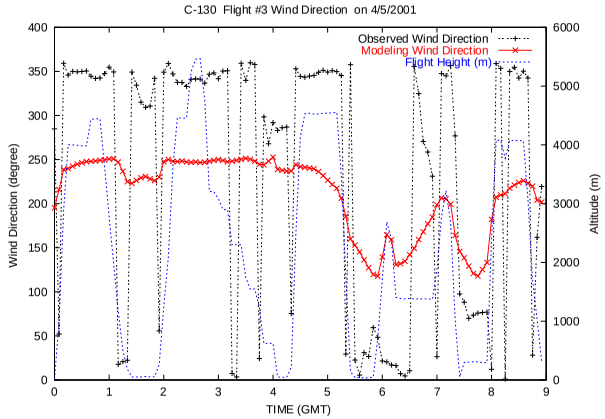

C-130 Flight #2 Sea Salt AOE on 4/1/2001
Modeling Sea Salt AOE
Flight Height (m)
Sea Salt AOE (1/km)
Altitude (m)
TIME (GMT)

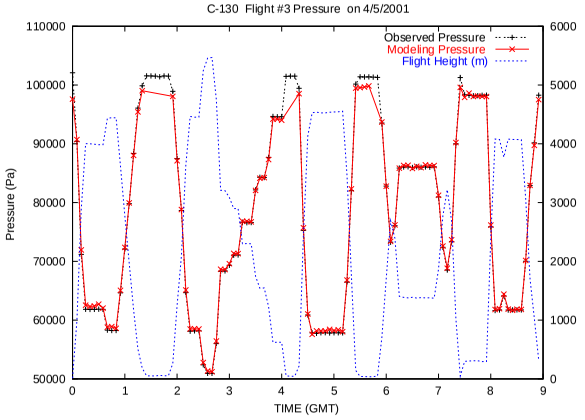

C-130 Flight #2 TOTAL AOE on 4/1/2001
Modeling TOTAL AOE
Flight Height (m)
TOTAL AOE (1/km)
Altitude (m)
TIME (GMT)

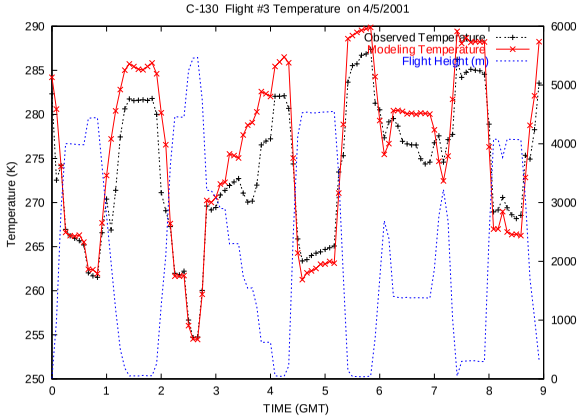
ACE-ASIA C-130 Flight #3

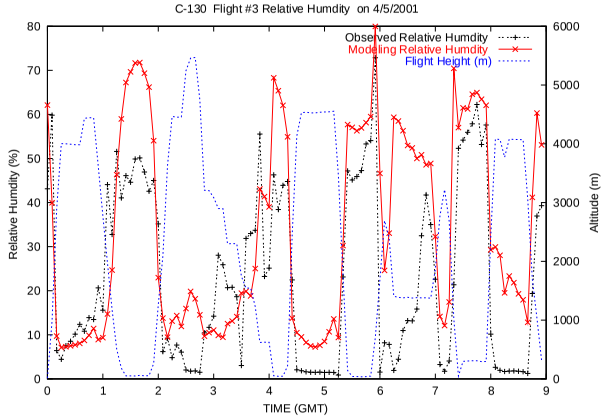


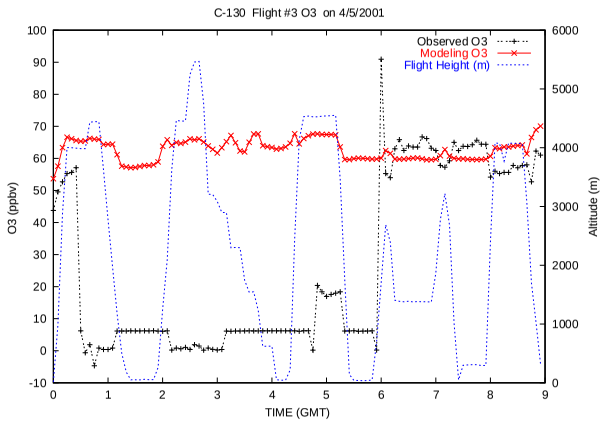


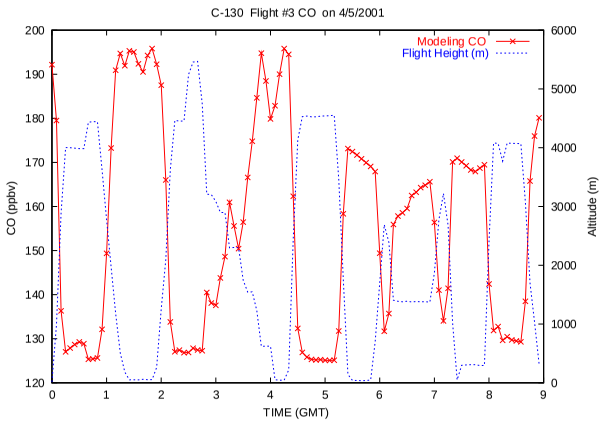


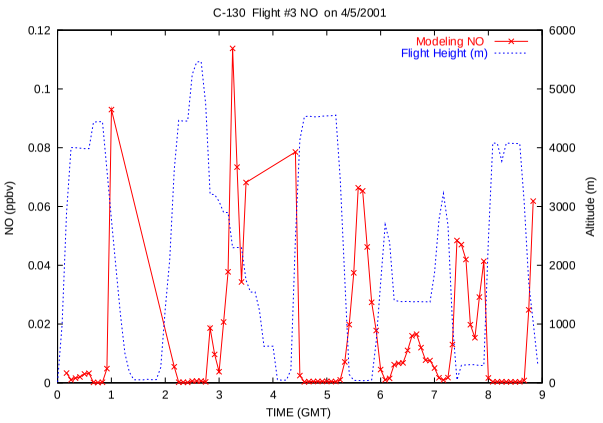


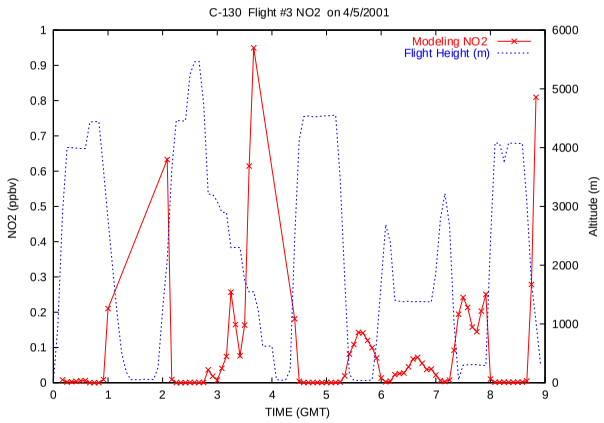


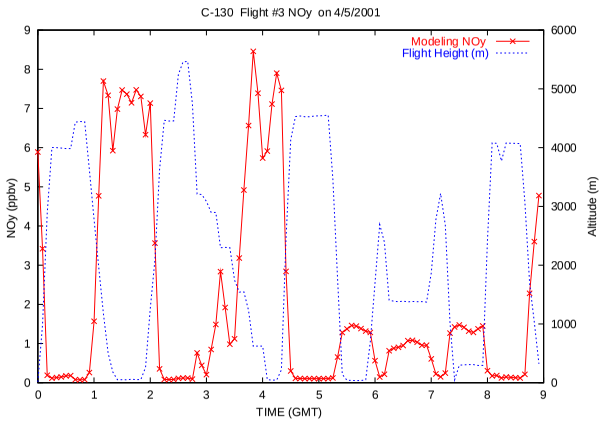


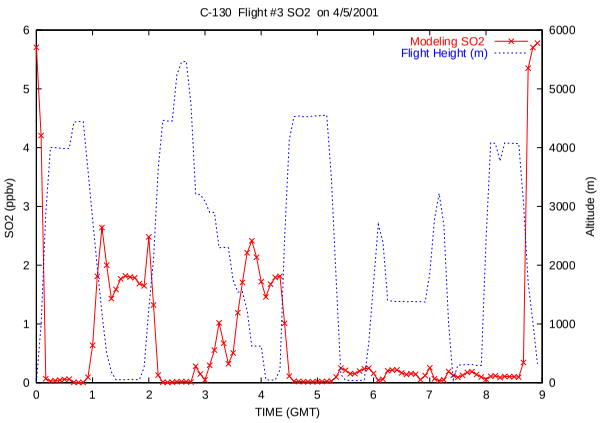

C-130 Flight #3 O3 on 4/5/2001
Observed O3
Modeling O3
Flight Height (m)
O3 (ppbv)
Altitude (m)
TIME (GMT)

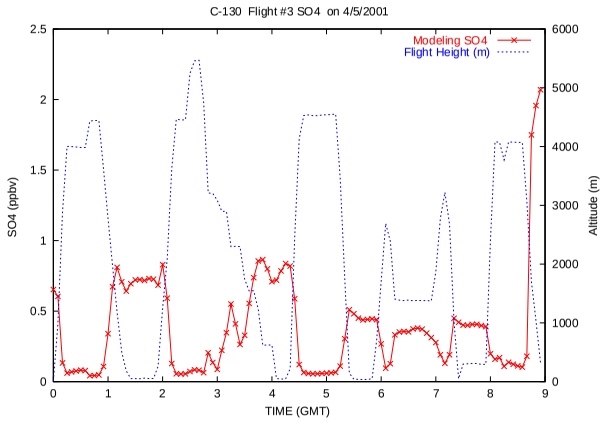

C-130 Flight #3 CO on 4/5/2001
Modeling CO
Flight Height (m)
CO (ppbv)
Altitude (m)
TIME (GMT)

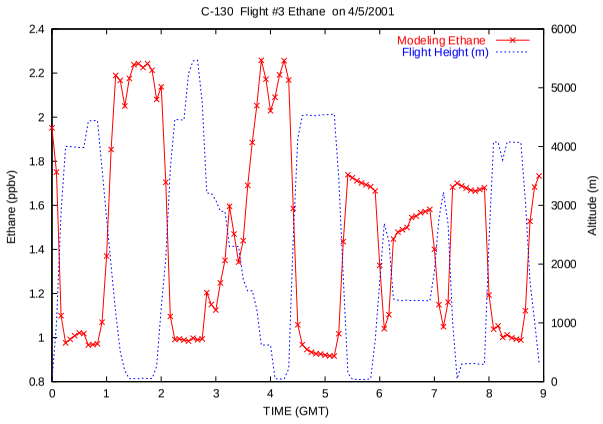

C-130 Flight #3 NO on 4/5/2001
Modeling NO
Flight Height (m)
NO (ppbv)
Altitude (m)
TIME (GMT)

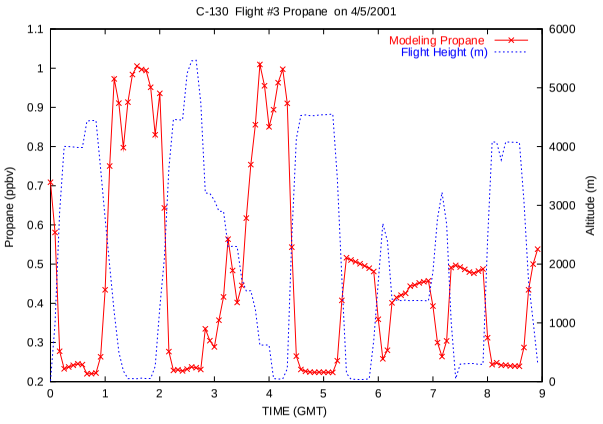

C-130 Flight #3 NO2 on 4/5/2001
Modeling NO2
Flight Height (m)
NO2 (ppbv)
Altitude (m)
TIME (GMT)

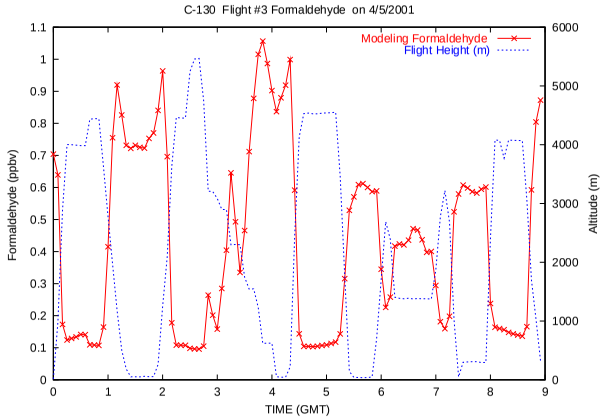

C-130 Flight #3 NOy on 4/5/2001
Modeling NOy
Flight Height (m)
NOy (ppbv)
Altitude (m)
TIME (GMT)

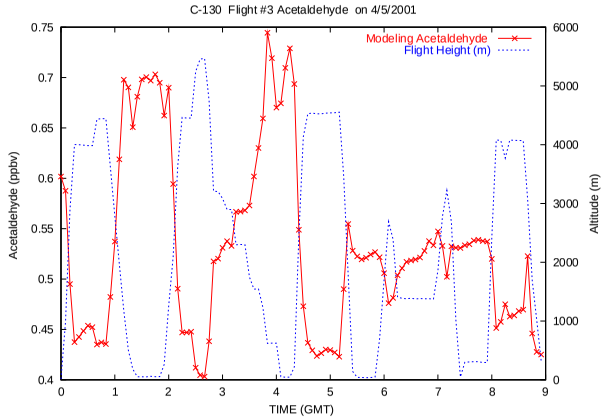

C-130 Flight #3 SO2 on 4/5/2001
Modeling SO2
Flight Height (m)
SO2 (ppbv)
Altitude (m)
TIME (GMT)

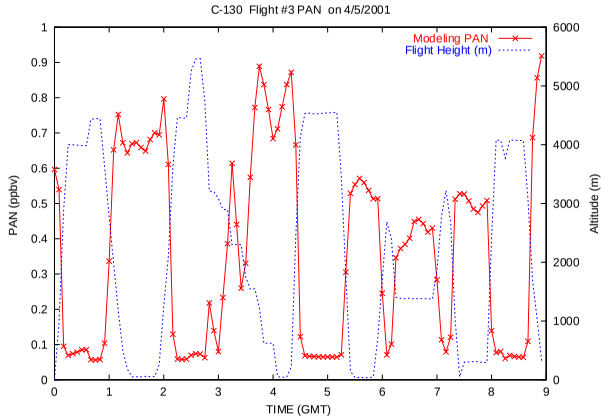

C-130 Flight #3 SO4 on 4/5/2001
Modeling SO4
Flight Height (m)
SO4 (ppbv)
Altitude (m)
TIME (GMT)

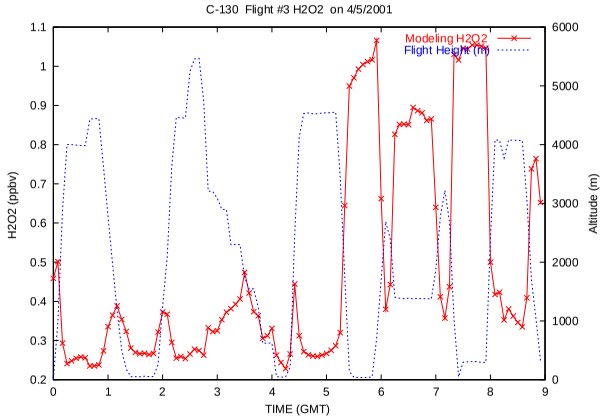

C-130 Flight #3 Ethane on 4/5/2001
Modeling Ethane
Flight Height (m)
Ethane (ppbv)
Altitude (m)
TIME (GMT)

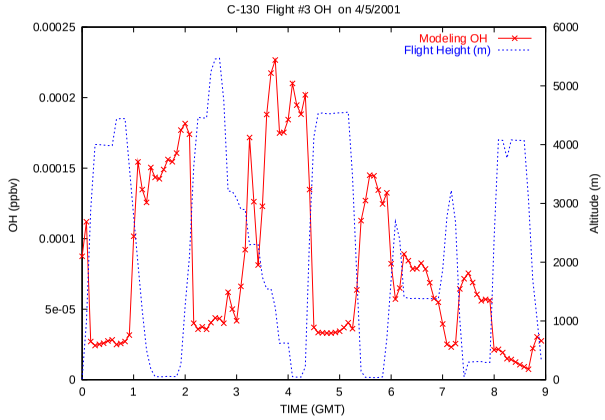

C-130 Flight #3 Propane on 4/5/2001
Modeling Propane
Flight Height (m)
Propane (ppbv)
Altitude (m)
TIME (GMT)

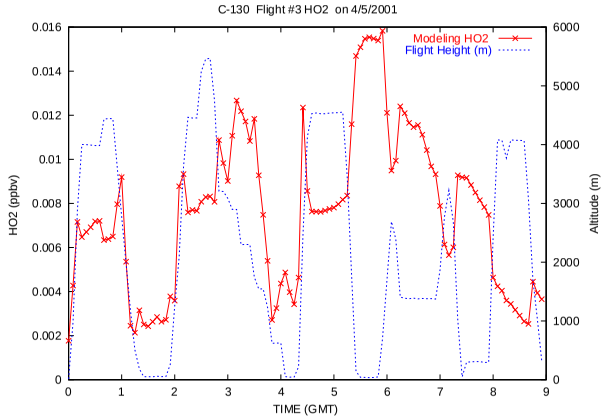

C-130 Flight #3 Formaldehyde on 4/5/2001
Modeling Formaldehyde
Flight Height (m)
Formaldehyde (ppbv)
Altitude (m)
TIME (GMT)

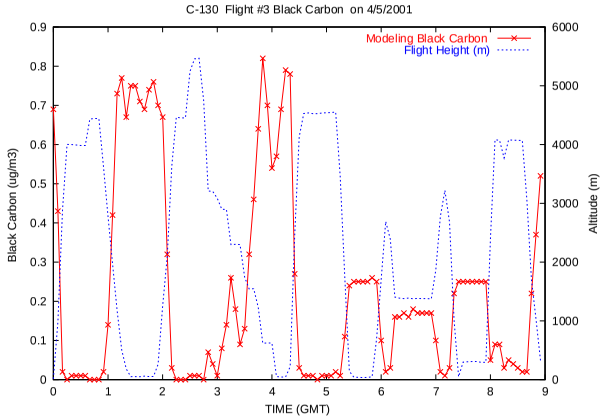

C-130 Flight #3 Acetaldehyde on 4/5/2001
Modeling Acetaldehyde
Flight Height (m)
Acetaldehyde (ppbv)
Altitude (m)
TIME (GMT)

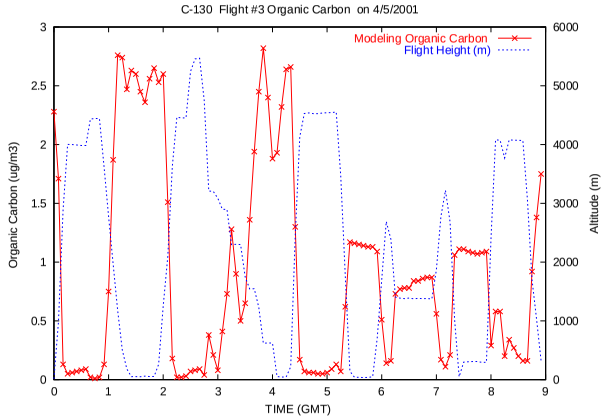

C-130 Flight #3 PAN on 4/5/2001
Modeling PAN
Flight Height (m)
PAN (ppbv)
Altitude (m)
TIME (GMT)

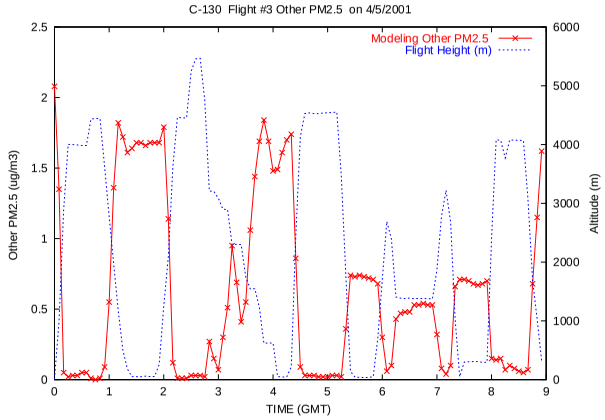

C-130 Flight #3 H2O2 on 4/5/2001
Modeling H2O2
Flight Height (m)
H2O2 (ppbv)
Altitude (m)
TIME (GMT)

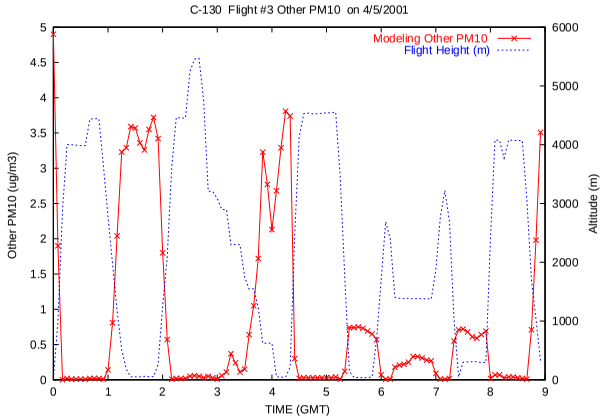

C-130 Flight #3 OH on 4/5/2001
Modeling OH
Flight Height (m)
OH (ppbv)
Altitude (m)
TIME (GMT)

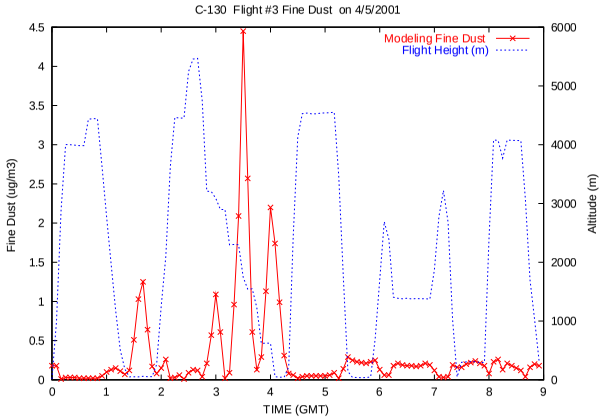

C-130 Flight #3 HO2 on 4/5/2001
Modeling HO2
Flight Height (m)
HO2 (ppbv)
Altitude (m)
TIME (GMT)

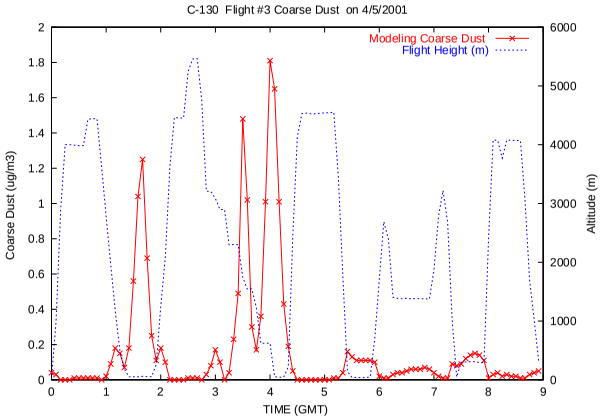

C-130 Flight #3 Black Carbon on 4/5/2001
Modeling Black Carbon
Flight Height (m)
Black Carbon (ug/m3)
Altitude (m)
TIME (GMT)

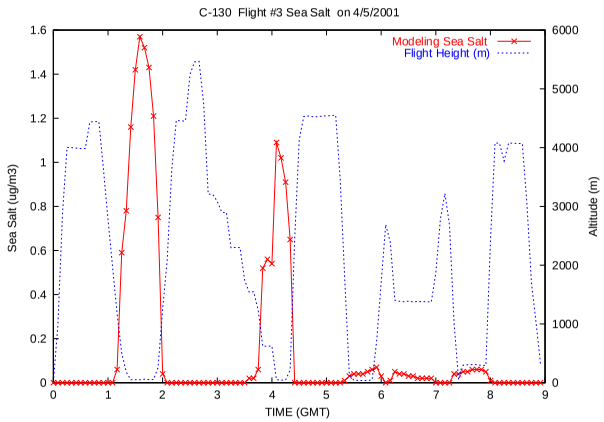

C-130 Flight #3 Organic Carbon on 4/5/2001
Modeling Organic Carbon
Flight Height (m)
Organic Carbon (ug/m3)
Altitude (m)
TIME (GMT)

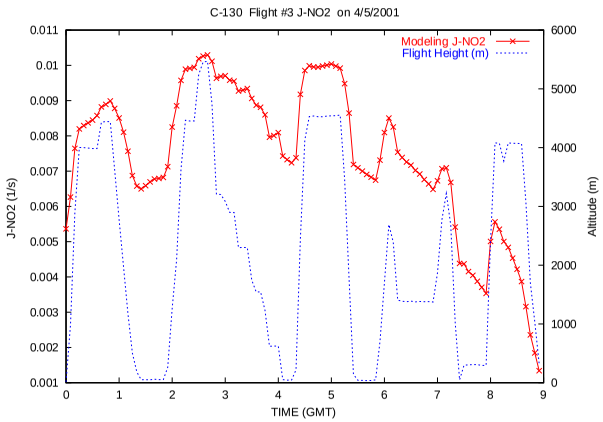

C-130 Flight #3 Other PM2.5 on 4/5/2001
Modeling Other PM2.5
Flight Height (m)
Other PM2.5 (ug/m3)
Altitude (m)
TIME (GMT)

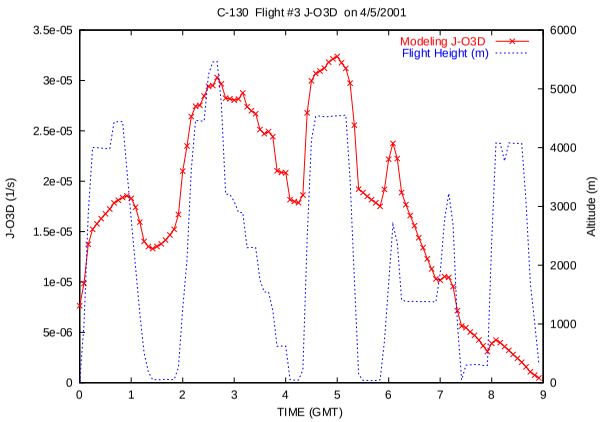

C-130 Flight #3 Other PM10 on 4/5/2001
Modeling Other PM10
Flight Height (m)
Other PM10 (ug/m3)
Altitude (m)
TIME (GMT)

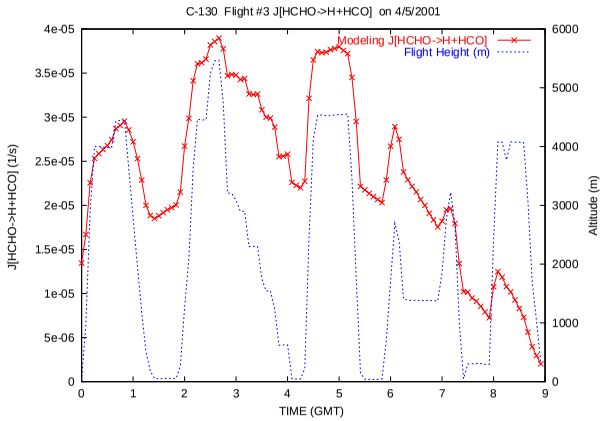

C-130 Flight #3 Fine Dust on 4/5/2001
Modeling Fine Dust
Flight Height (m)
Fine Dust (ug/m3)
Altitude (m)
TIME (GMT)

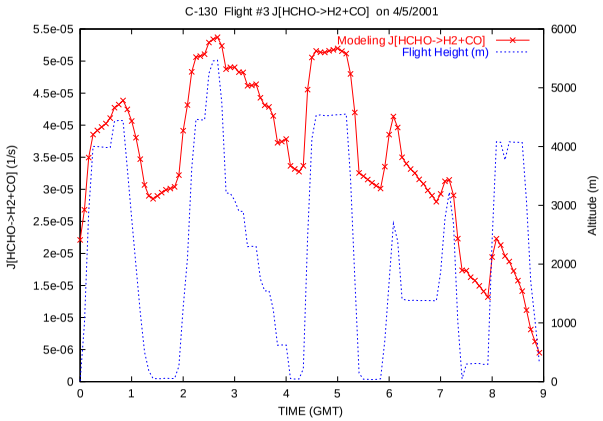

C-130 Flight #3 Coarse Dust on 4/5/2001
Modeling Coarse Dust
Flight Height (m)
Coarse Dust (ug/m3)
Altitude (m)
TIME (GMT)

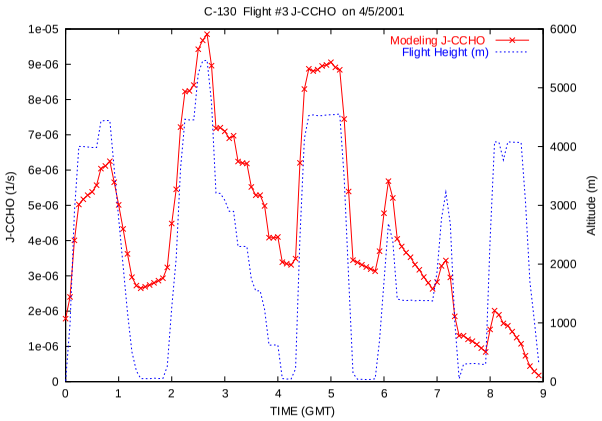

C-130 Flight #3 Sea Salt on 4/5/2001
Modeling Sea Salt
Flight Height (m)
Sea Salt (ug/m3)
Altitude (m)
TIME (GMT)

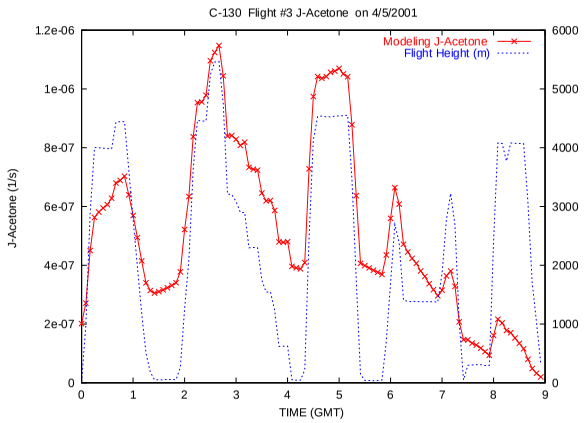

C-130 Flight #3 J-NO2 on 4/5/2001
Modeling J-NO2
Flight Height (m)
J-NO2 (1/s)
Altitude (m)
TIME (GMT)

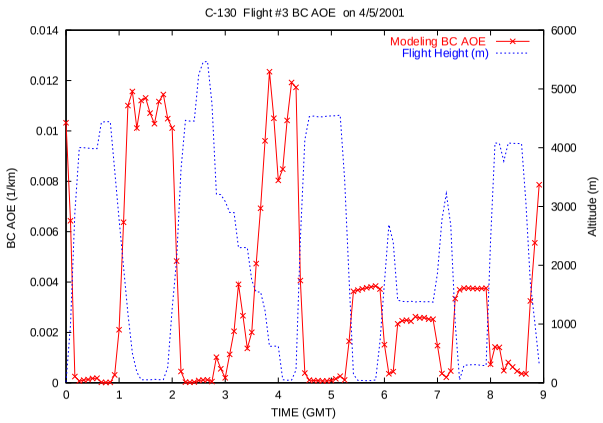

C-130 Flight #3 J-O3D on 4/5/2001
Modeling J-O3D
Flight Height (m)
J-O3D (1/s)
Altitude (m)
TIME (GMT)

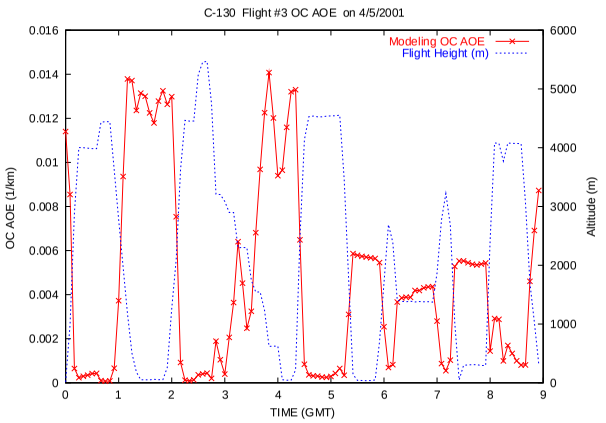

C-130 Flight #3 J[HCHO->H+HCO] on 4/5/2001
Modeling J[HCHO->H+HCO]
Flight Height (m)
J[HCHO->H+HCO] (1/s)
Altitude (m)
TIME (GMT)

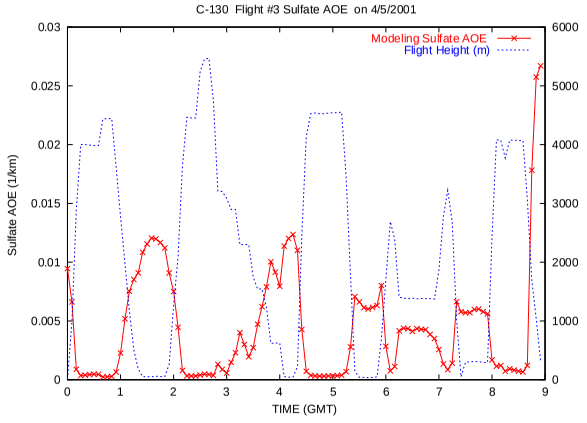

C-130 Flight #3 J[HCHO->H2+CO] on 4/5/2001
Modeling J[HCHO->H2+CO]
Flight Height (m)
J[HCHO->H2+CO] (1/s)
Altitude (m)
TIME (GMT)

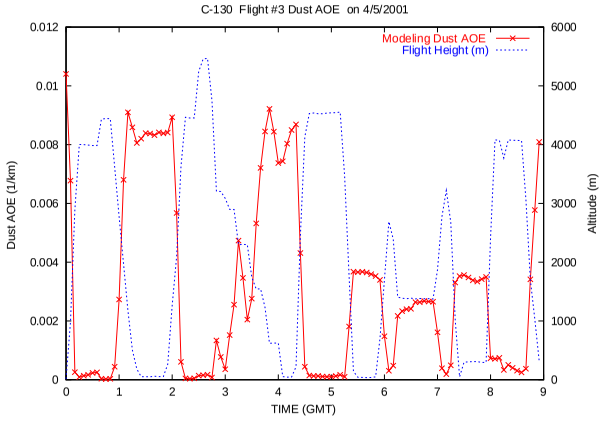

C-130 Flight #3 J-CCHO on 4/5/2001
Modeling J-CCHO
Flight Height (m)
J-CCHO (1/s)
Altitude (m)
TIME (GMT)

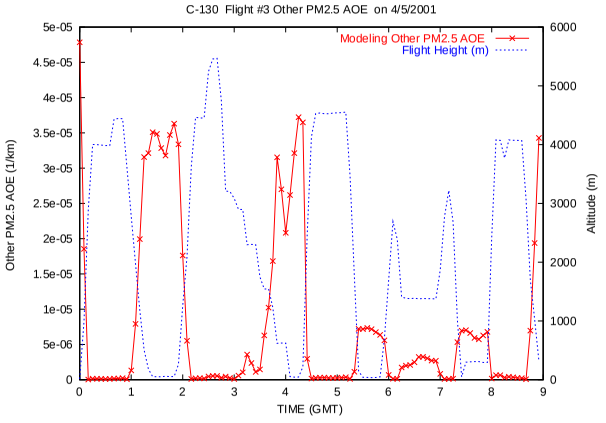

C-130 Flight #3 J-Acetone on 4/5/2001
Modeling J-Acetone
Flight Height (m)
J-Acetone (1/s)
Altitude (m)
TIME (GMT)

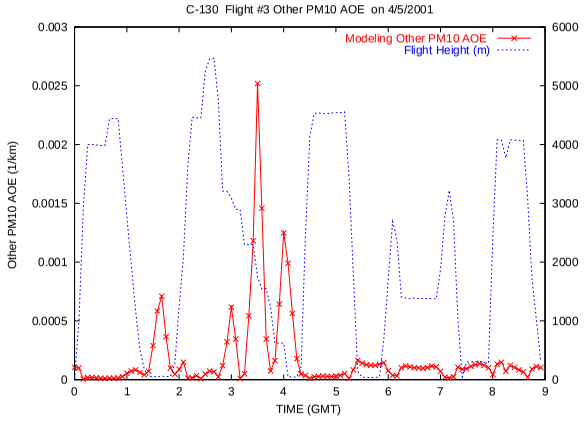

C-130 Flight #3 BC AOE on 4/5/2001
Modeling BC AOE
Flight Height (m)
BC AOE (1/km)
Altitude (m)
TIME (GMT)

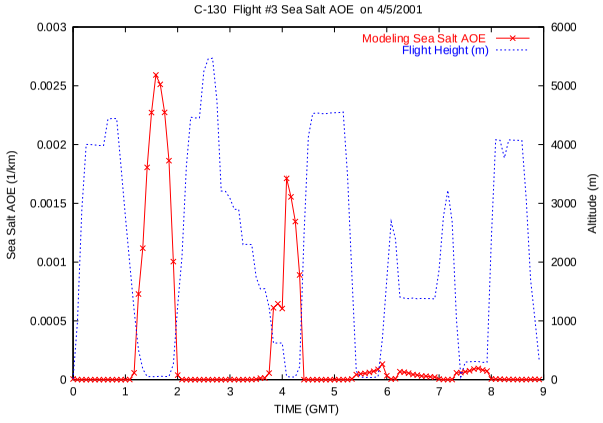

C-130 Flight #3 OC AOE on 4/5/2001
Modeling OC AOE
Flight Height (m)
OC AOE (1/km)
Altitude (m)
TIME (GMT)

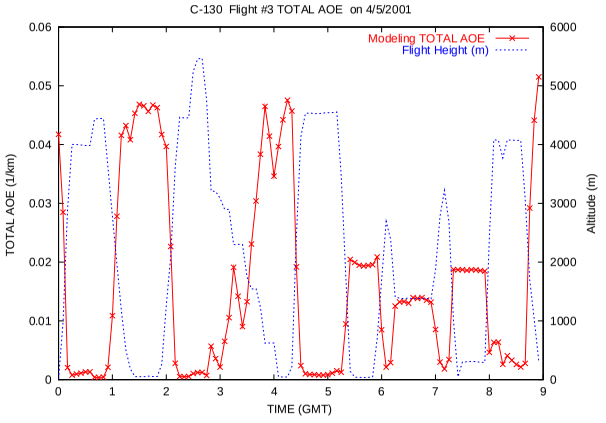

C-130 Flight #3 Sulfate AOE on 4/5/2001
Modeling Sulfate AOE
Flight Height (m)
Sulfate AOE (1/km)
Altitude (m)
TIME (GMT)


C-130 Flight #3 Dust AOE on 4/5/2001
Modeling Dust AOE
Flight Height (m)
Dust AOE (1/km)
Altitude (m)
TIME (GMT)

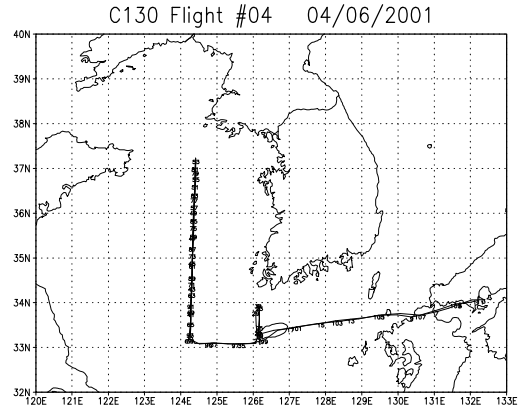

C-130 Flight #3 Other PM2.5 AOE on 4/5/2001
Modeling Other PM2.5 AOE
Flight Height (m)
Other PM2.5 AOE (1/km)
Altitude (m)
TIME (GMT)

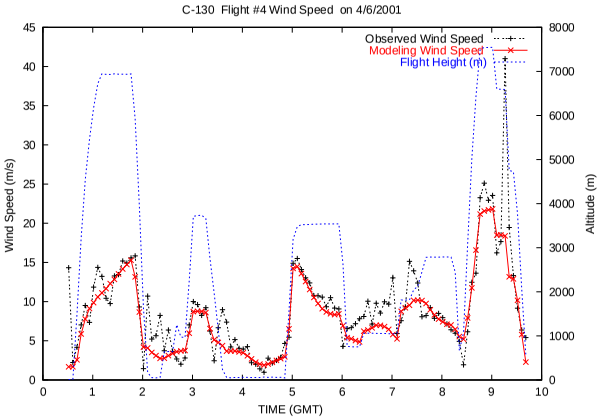

C-130 Flight #3 Other PM10 AOE on 4/5/2001
Modeling Other PM10 AOE
Flight Height (m)
Other PM10 AOE (1/km)
Altitude (m)
TIME (GMT)

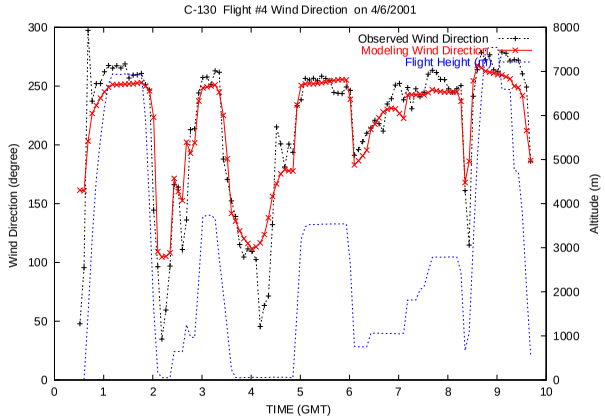

C-130 Flight #3 Sea Salt AOE on 4/5/2001
Modeling Sea Salt AOE
Flight Height (m)
Sea Salt AOE (1/km)
Altitude (m)
TIME (GMT)

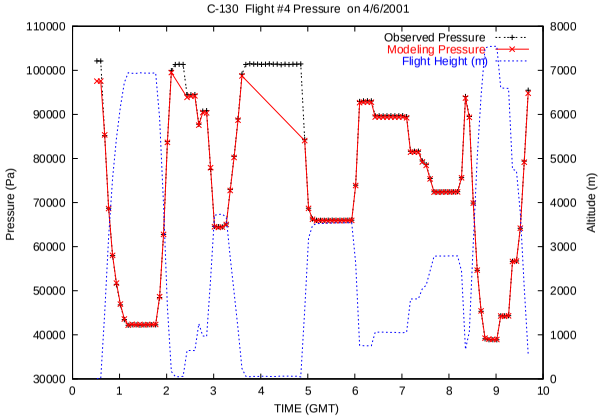

C-130 Flight #3 TOTAL AOE on 4/5/2001
Modeling TOTAL AOE
Flight Height (m)
TOTAL AOE (1/km)
Altitude (m)
TIME (GMT)

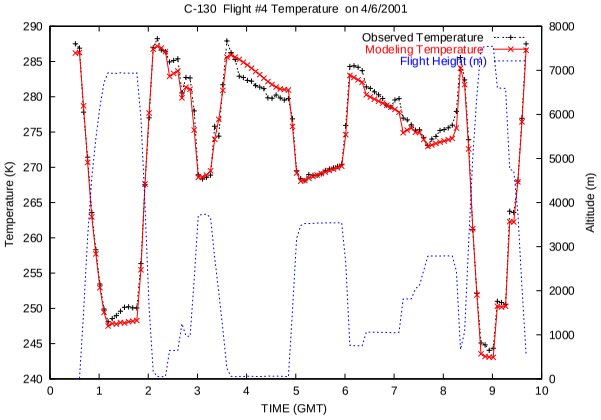
ACE-ASIA C-130 Flight #4

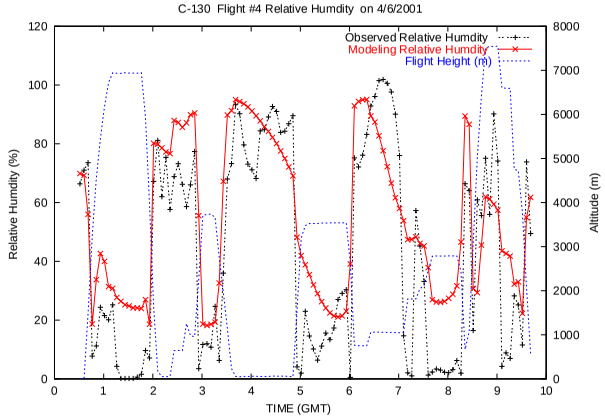


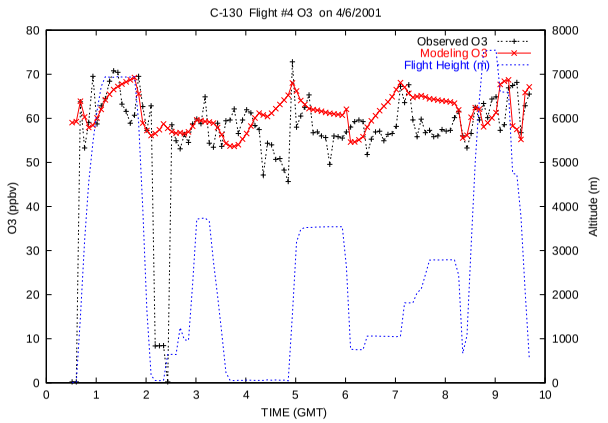


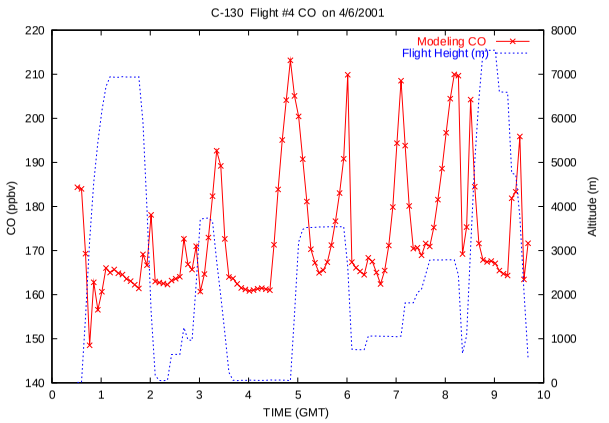


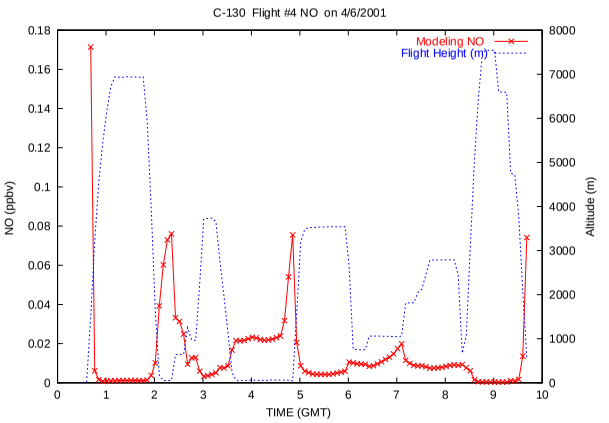


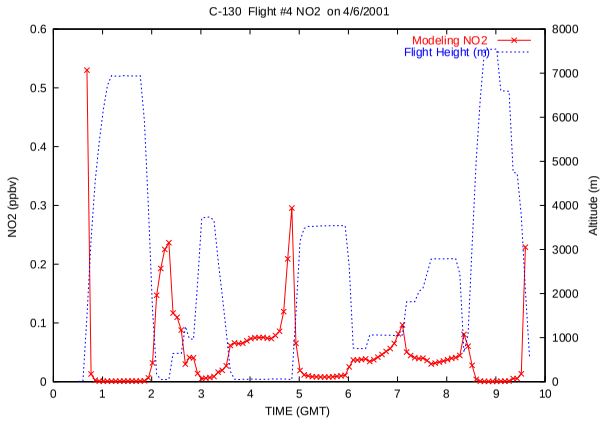


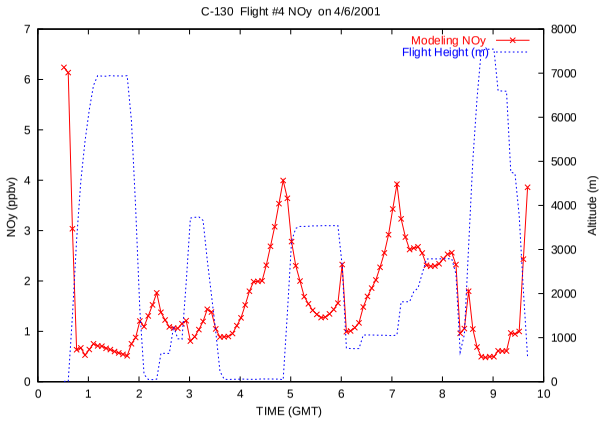


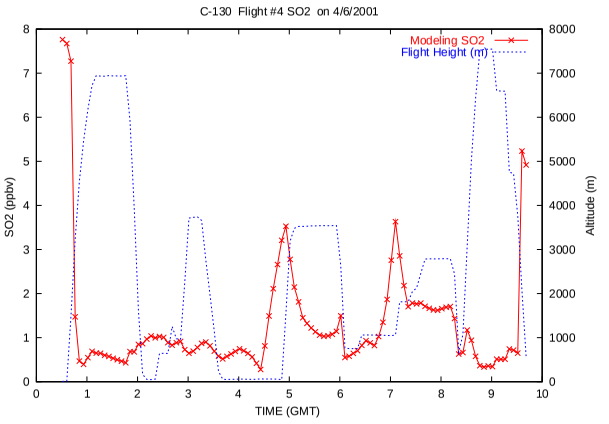

C-130 Flight #4 O3 on 4/6/2001
Observed O3
Modeling O3
Flight Height (m)
O3 (ppbv)
Altitude (m)
TIME (GMT)

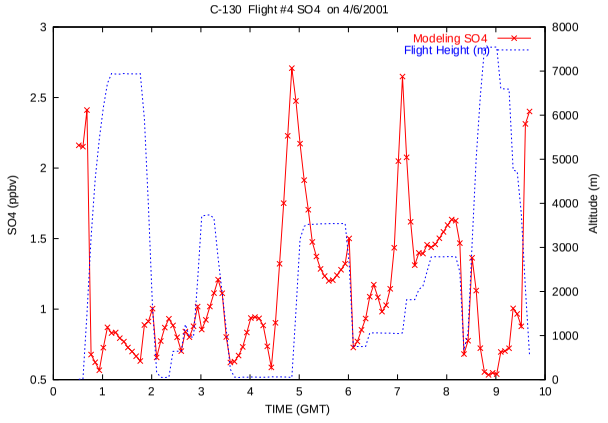

C-130 Flight #4 CO on 4/6/2001
Modeling CO
Flight Height (m)
CO (ppbv)
Altitude (m)
TIME (GMT)

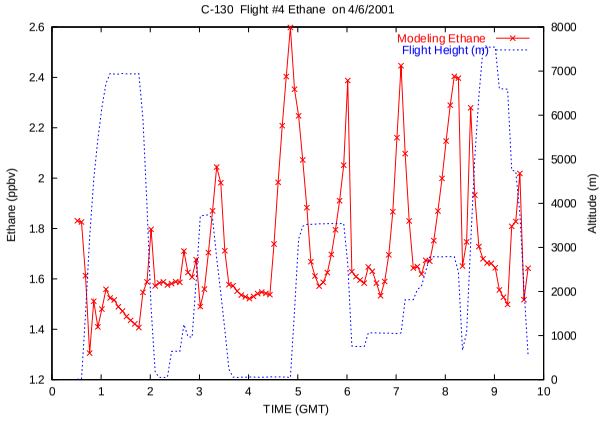

C-130 Flight #4 NO on 4/6/2001
Modeling NO
Flight Height (m)
NO (ppbv)
Altitude (m)
TIME (GMT)

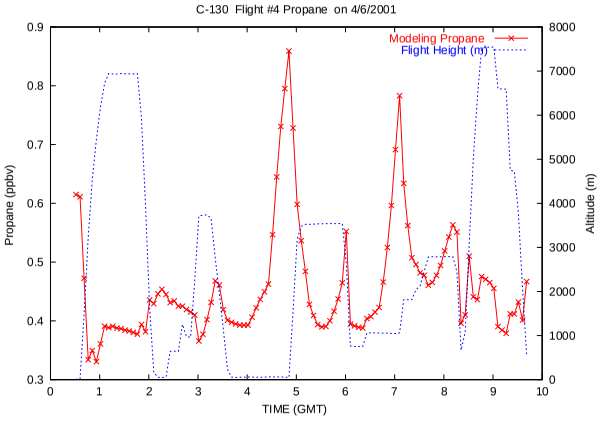

C-130 Flight #4 NO2 on 4/6/2001
Modeling NO2
Flight Height (m)
NO2 (ppbv)
Altitude (m)
TIME (GMT)

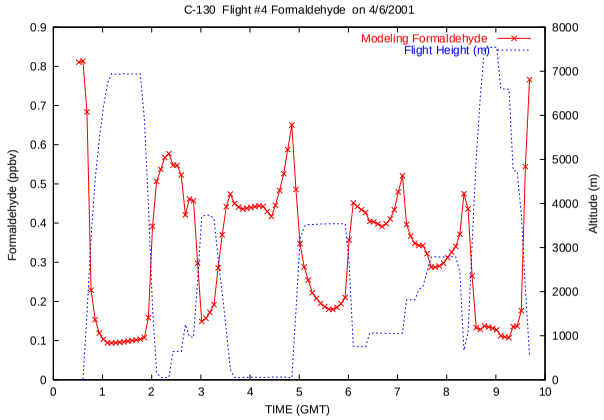

C-130 Flight #4 NOy on 4/6/2001
Modeling NOy
Flight Height (m)
NOy (ppbv)
Altitude (m)
TIME (GMT)

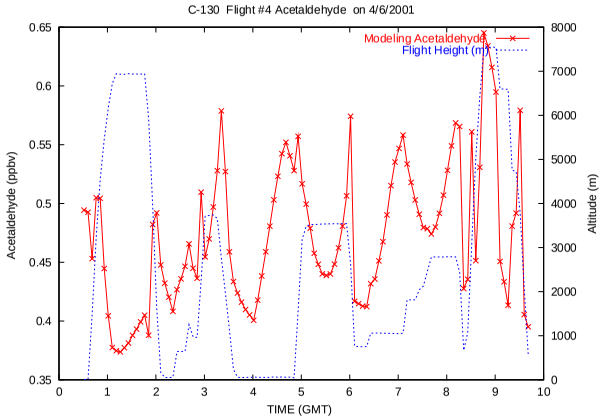

C-130 Flight #4 SO2 on 4/6/2001
Modeling SO2
Flight Height (m)
SO2 (ppbv)
Altitude (m)
TIME (GMT)

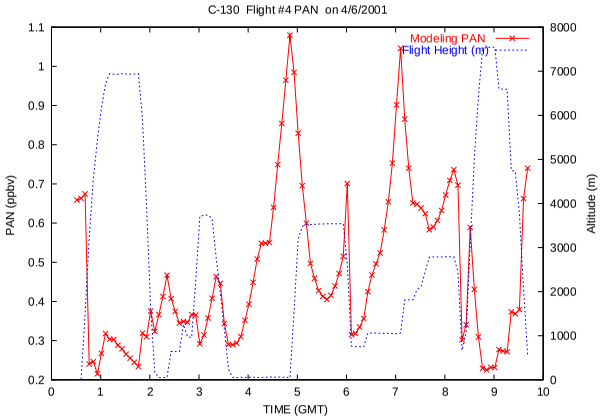

C-130 Flight #4 SO4 on 4/6/2001
Modeling SO4
Flight Height (m)
SO4 (ppbv)
Altitude (m)
TIME (GMT)

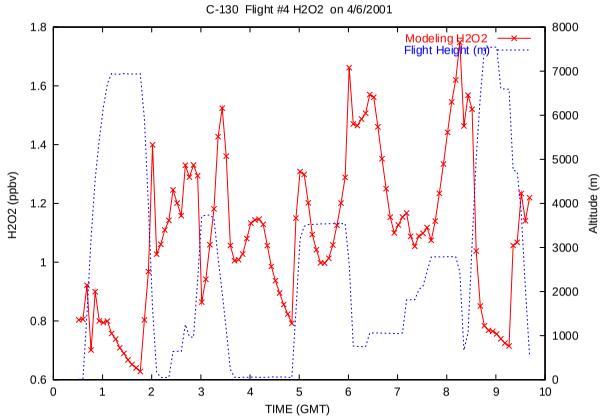

C-130 Flight #4 Ethane on 4/6/2001
Modeling Ethane
Flight Height (m)
Ethane (ppbv)
Altitude (m)
TIME (GMT)

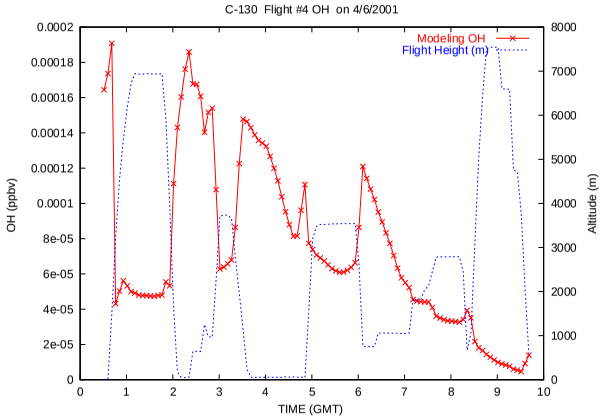

C-130 Flight #4 Propane on 4/6/2001
Modeling Propane
Flight Height (m)
Propane (ppbv)
Altitude (m)
TIME (GMT)

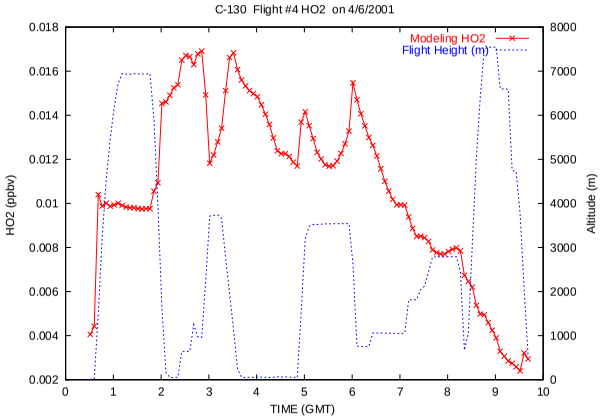

C-130 Flight #4 Formaldehyde on 4/6/2001
Modeling Formaldehyde
Flight Height (m)
Formaldehyde (ppbv)
Altitude (m)
TIME (GMT)

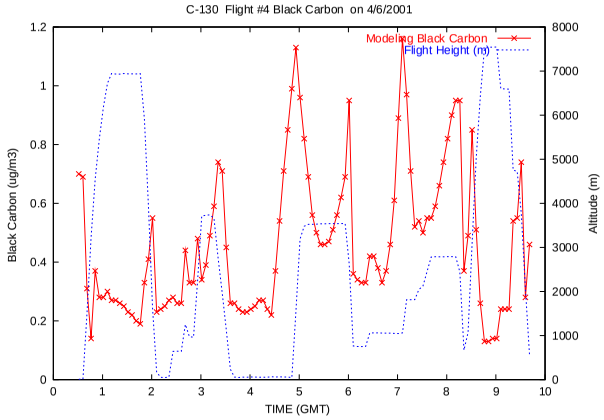

C-130 Flight #4 Acetaldehyde on 4/6/2001
Modeling Acetaldehyde
Flight Height (m)
Acetaldehyde (ppbv)
Altitude (m)
TIME (GMT)

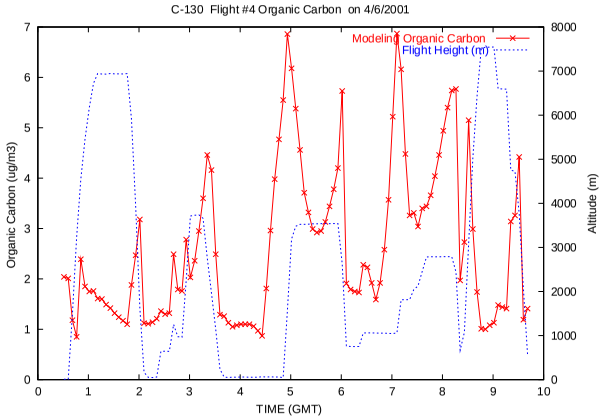

C-130 Flight #4 PAN on 4/6/2001
Modeling PAN
Flight Height (m)
PAN (ppbv)
Altitude (m)
TIME (GMT)

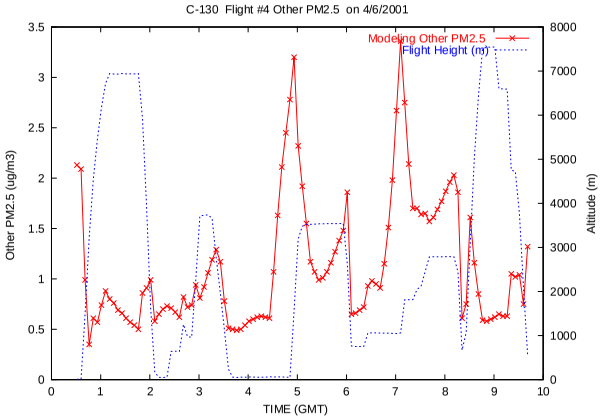

C-130 Flight #4 H2O2 on 4/6/2001
Modeling H2O2
Flight Height (m)
H2O2 (ppbv)
Altitude (m)
TIME (GMT)

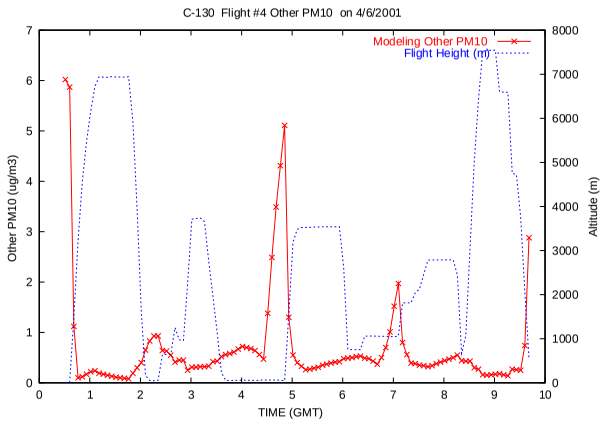

C-130 Flight #4 OH on 4/6/2001
Modeling OH
Flight Height (m)
OH (ppbv)
Altitude (m)
TIME (GMT)

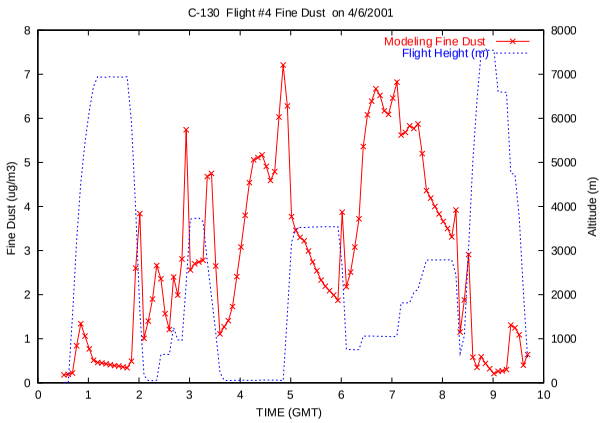

C-130 Flight #4 HO2 on 4/6/2001
Modeling HO2
Flight Height (m)
HO2 (ppbv)
Altitude (m)
TIME (GMT)

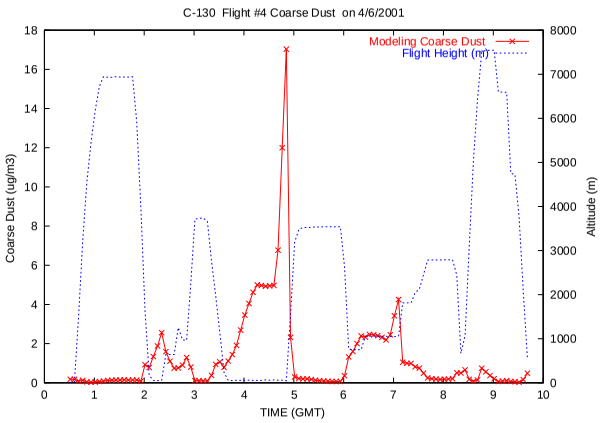

C-130 Flight #4 Black Carbon on 4/6/2001
Modeling Black Carbon
Flight Height (m)
Black Carbon (ug/m3)
Altitude (m)
TIME (GMT)

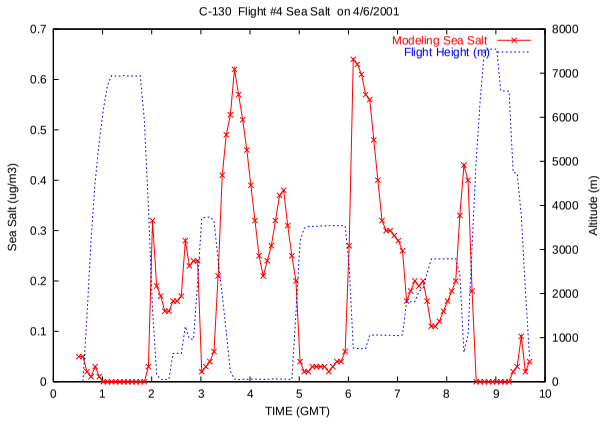

C-130 Flight #4 Organic Carbon on 4/6/2001
Modeling Organic Carbon
Flight Height (m)
Organic Carbon (ug/m3)
Altitude (m)
TIME (GMT)

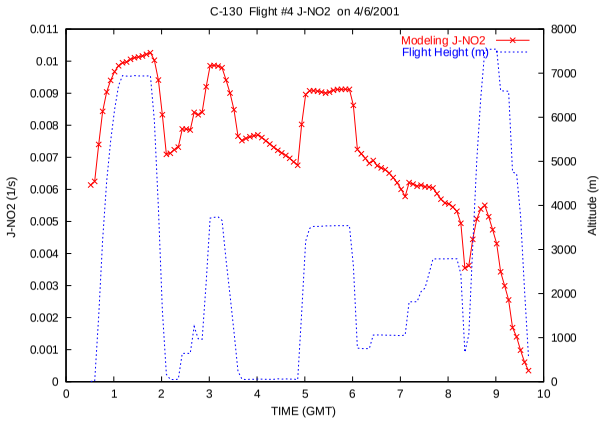

C-130 Flight #4 Other PM2.5 on 4/6/2001
Modeling Other PM2.5
Flight Height (m)
Other PM2.5 (ug/m3)
Altitude (m)
TIME (GMT)

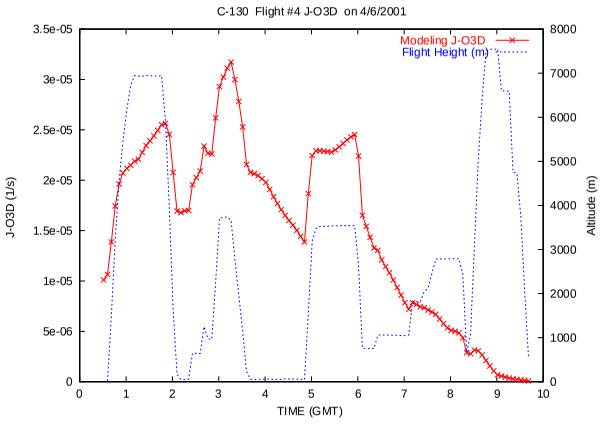

C-130 Flight #4 Other PM10 on 4/6/2001
Modeling Other PM10
Flight Height (m)
Other PM10 (ug/m3)
Altitude (m)
TIME (GMT)

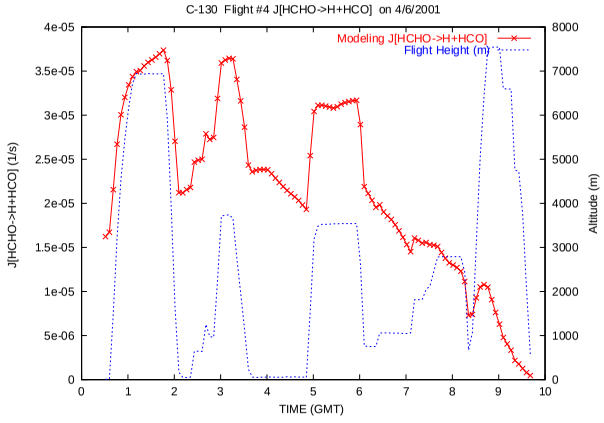

C-130 Flight #4 Fine Dust on 4/6/2001
Modeling Fine Dust
Flight Height (m)
Fine Dust (ug/m3)
Altitude (m)
TIME (GMT)

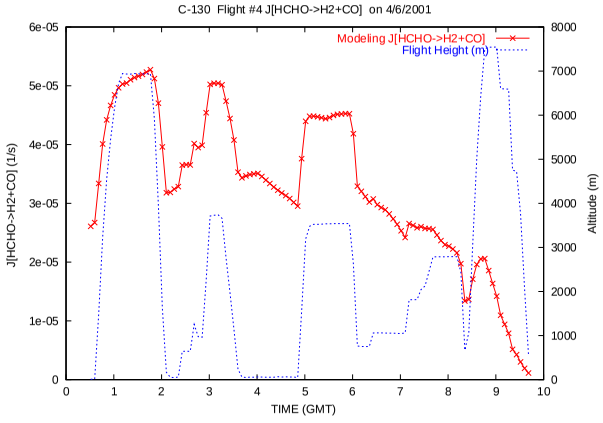

C-130 Flight #4 Coarse Dust on 4/6/2001
Modeling Coarse Dust
Flight Height (m)
Coarse Dust (ug/m3)
Altitude (m)
TIME (GMT)

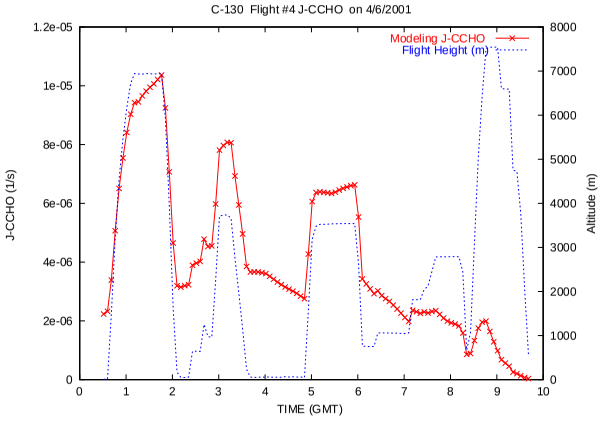

C-130 Flight #4 Sea Salt on 4/6/2001
Modeling Sea Salt
Flight Height (m)
Sea Salt (ug/m3)
Altitude (m)
TIME (GMT)

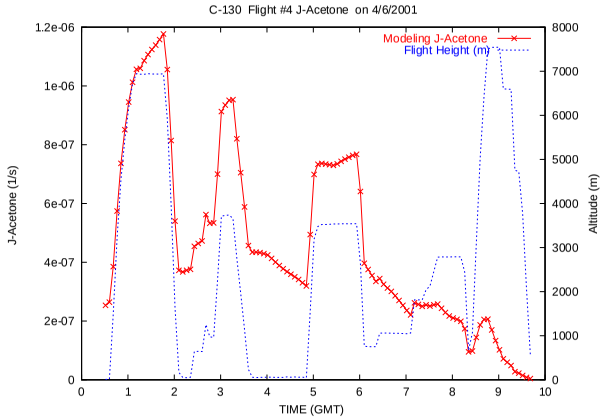

C-130 Flight #4 J-NO2 on 4/6/2001
Modeling J-NO2
Flight Height (m)
J-NO2 (1/s)
Altitude (m)
TIME (GMT)

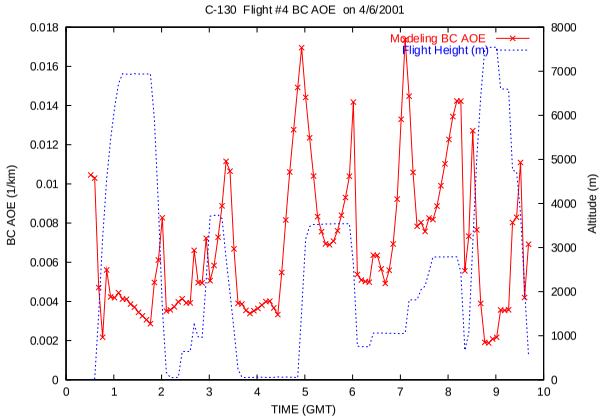

C-130 Flight #4 J-O3D on 4/6/2001
Modeling J-O3D
Flight Height (m)
J-O3D (1/s)
Altitude (m)
TIME (GMT)

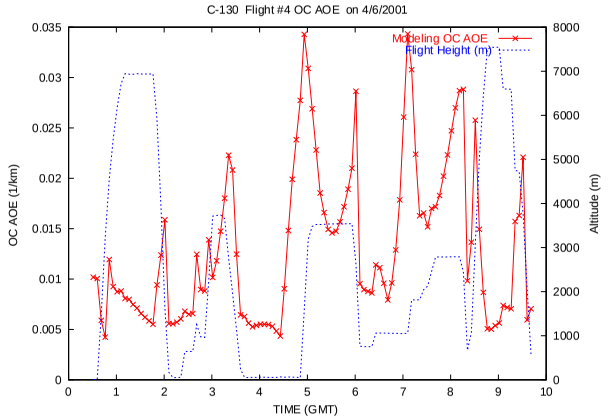

C-130 Flight #4 J[HCHO->H+HCO] on 4/6/2001
Modeling J[HCHO->H+HCO]
Flight Height (m)
J[HCHO->H+HCO] (1/s)
Altitude (m)
TIME (GMT)

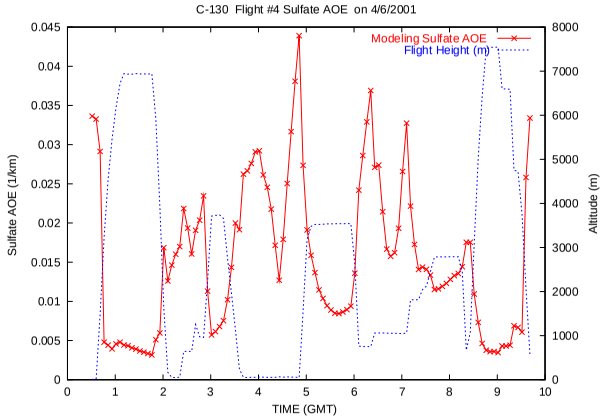

C-130 Flight #4 J[HCHO->H2+CO] on 4/6/2001
Modeling J[HCHO->H2+CO]
Flight Height (m)
J[HCHO->H2+CO] (1/s)
Altitude (m)
TIME (GMT)

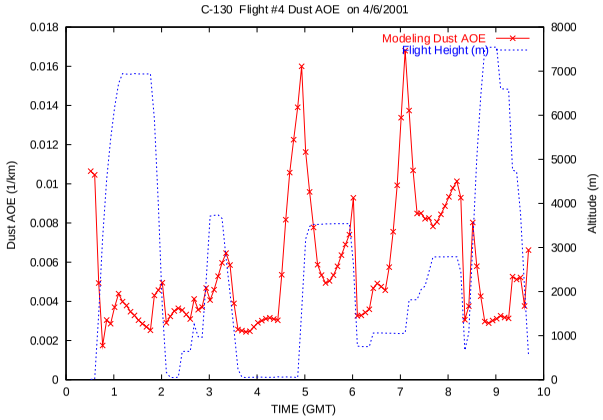

C-130 Flight #4 J-CCHO on 4/6/2001
Modeling J-CCHO
Flight Height (m)
J-CCHO (1/s)
Altitude (m)
TIME (GMT)

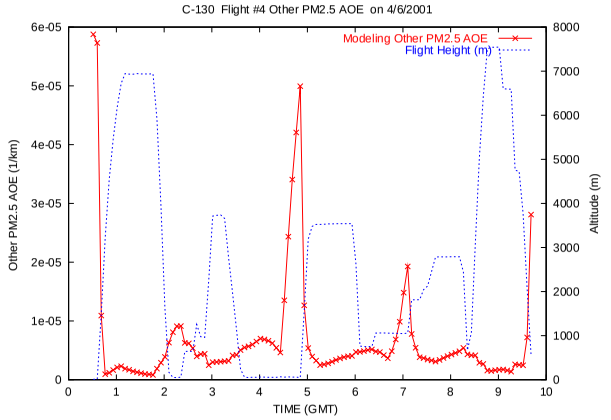

C-130 Flight #4 J-Acetone on 4/6/2001
Modeling J-Acetone
Flight Height (m)
J-Acetone (1/s)
Altitude (m)
TIME (GMT)

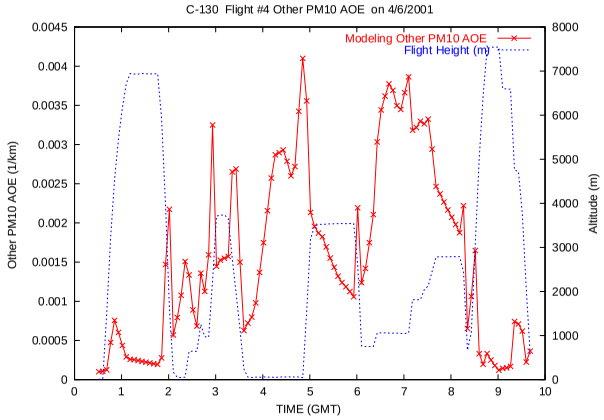

C-130 Flight #4 BC AOE on 4/6/2001
Modeling BC AOE
Flight Height (m)
BC AOE (1/km)
Altitude (m)
TIME (GMT)

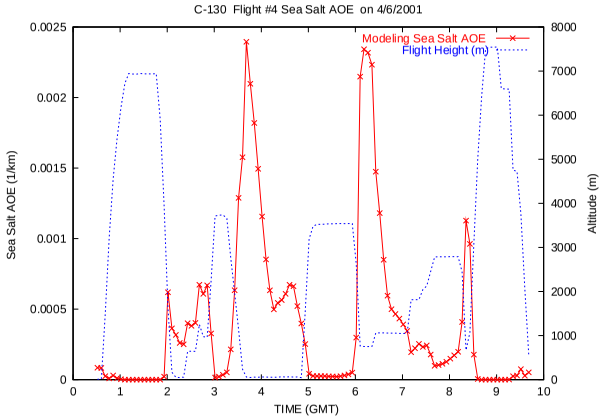

C-130 Flight #4 OC AOE on 4/6/2001
Modeling OC AOE
Flight Height (m)
OC AOE (1/km)
Altitude (m)
TIME (GMT)

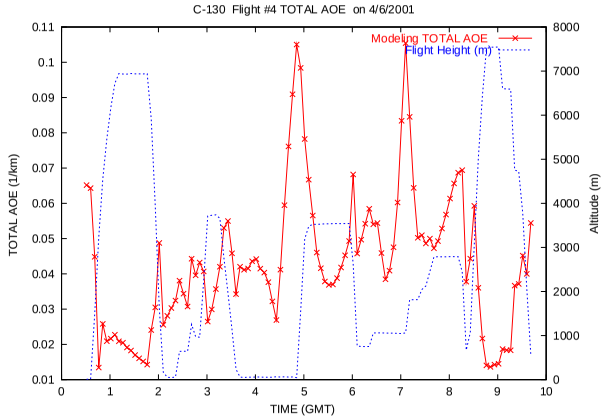

C-130 Flight #4 Sulfate AOE on 4/6/2001
Modeling Sulfate AOE
Flight Height (m)
Sulfate AOE (1/km)
Altitude (m)
TIME (GMT)


C-130 Flight #4 Dust AOE on 4/6/2001
Modeling Dust AOE
Flight Height (m)
Dust AOE (1/km)
Altitude (m)
TIME (GMT)

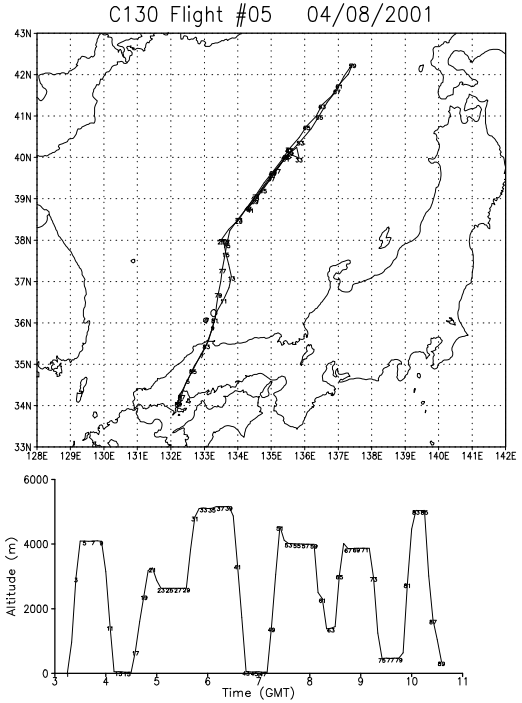

C-130 Flight #4 Other PM2.5 AOE on 4/6/2001
Modeling Other PM2.5 AOE
Flight Height (m)
Other PM2.5 AOE (1/km)
Altitude (m)
TIME (GMT)

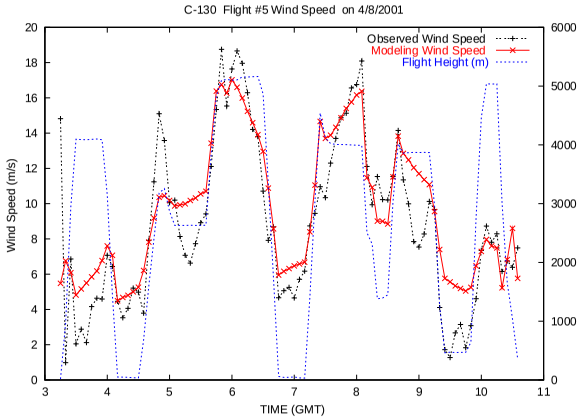

C-130 Flight #4 Other PM10 AOE on 4/6/2001
Modeling Other PM10 AOE
Flight Height (m)
Other PM10 AOE (1/km)
Altitude (m)
TIME (GMT)

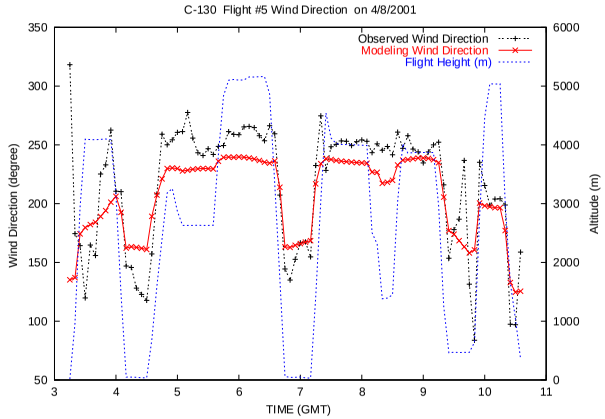

C-130 Flight #4 Sea Salt AOE on 4/6/2001
Modeling Sea Salt AOE
Flight Height (m)
Sea Salt AOE (1/km)
Altitude (m)
TIME (GMT)

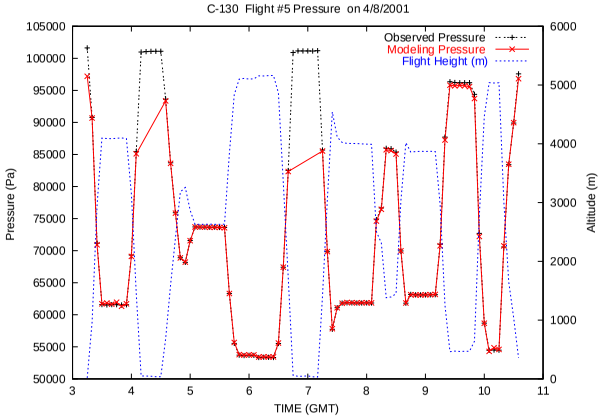

C-130 Flight #4 TOTAL AOE on 4/6/2001
Modeling TOTAL AOE
Flight Height (m)
TOTAL AOE (1/km)
Altitude (m)
TIME (GMT)

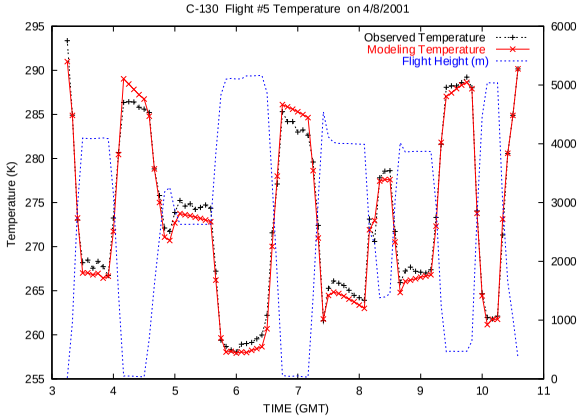
ACE-ASIA C-130 Flight #5

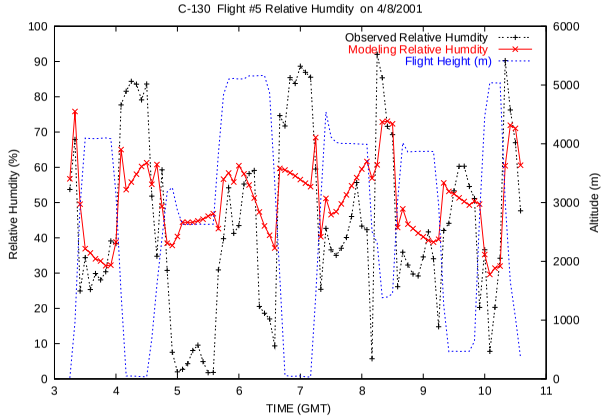


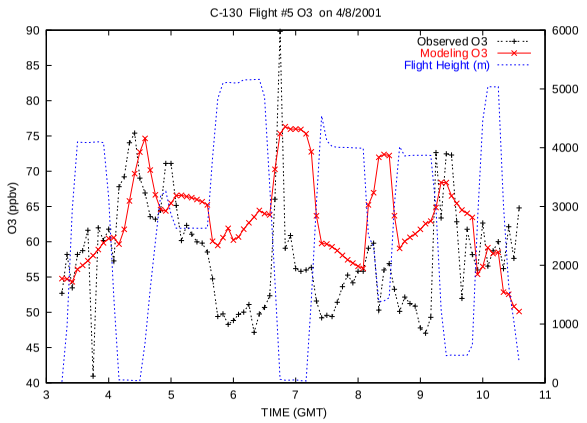


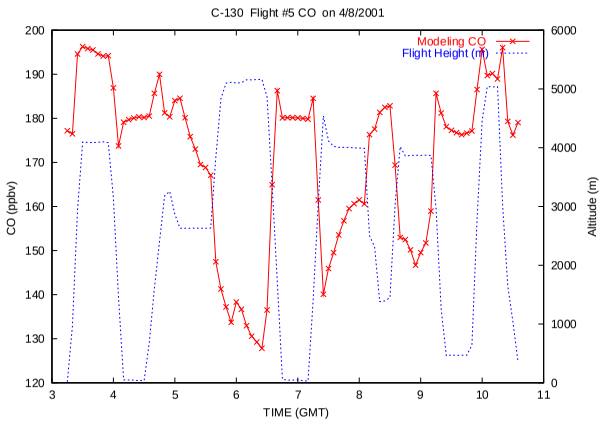


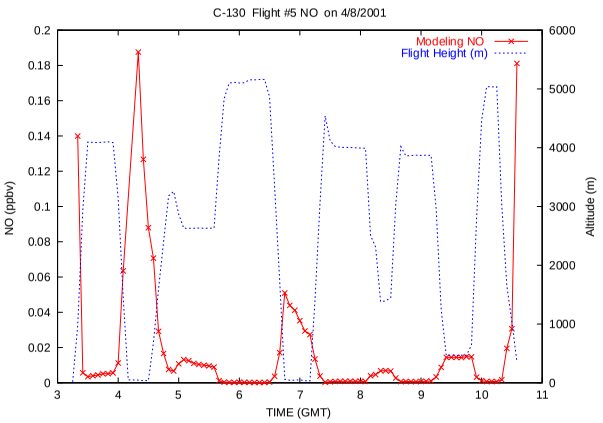


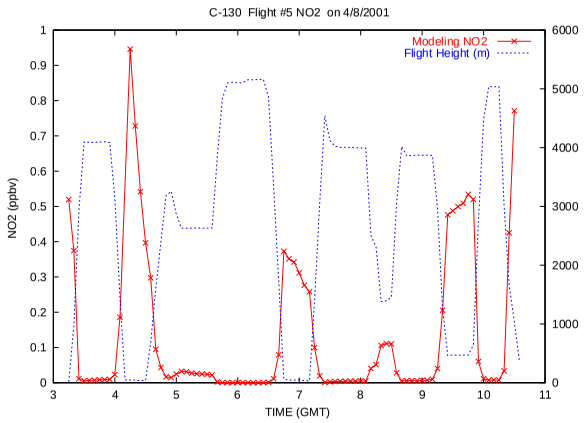


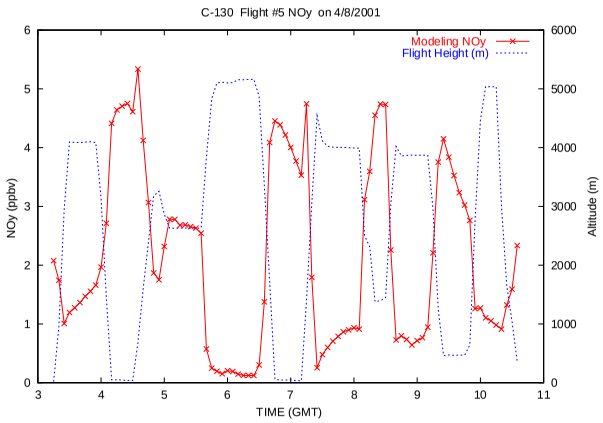


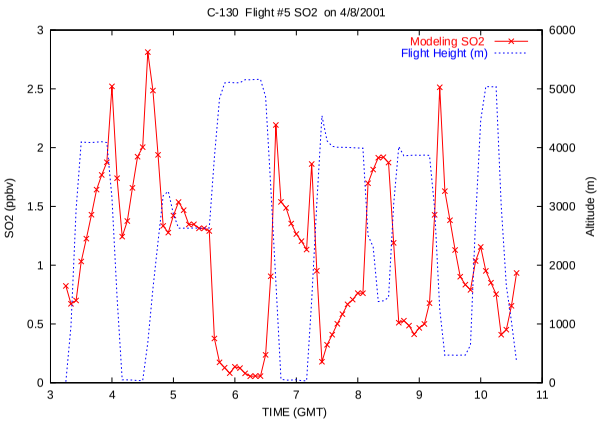

C-130 Flight #5 O3 on 4/8/2001
Observed O3
Modeling O3
Flight Height (m)
O3 (ppbv)
Altitude (m)
TIME (GMT)

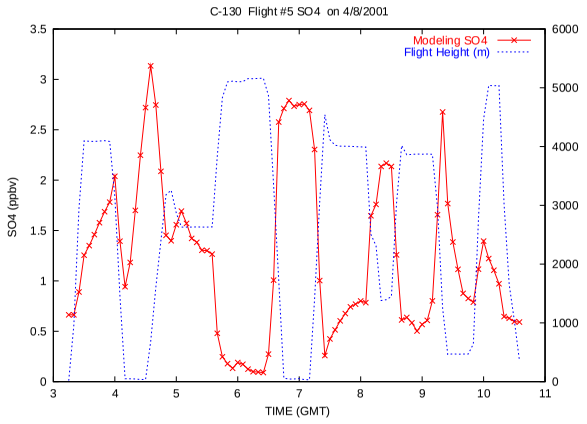

C-130 Flight #5 CO on 4/8/2001
Modeling CO
Flight Height (m)
CO (ppbv)
Altitude (m)
TIME (GMT)

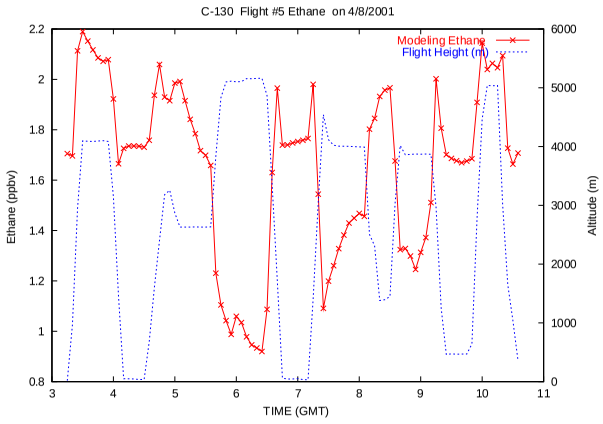

C-130 Flight #5 NO on 4/8/2001
Modeling NO
Flight Height (m)
NO (ppbv)
Altitude (m)
TIME (GMT)

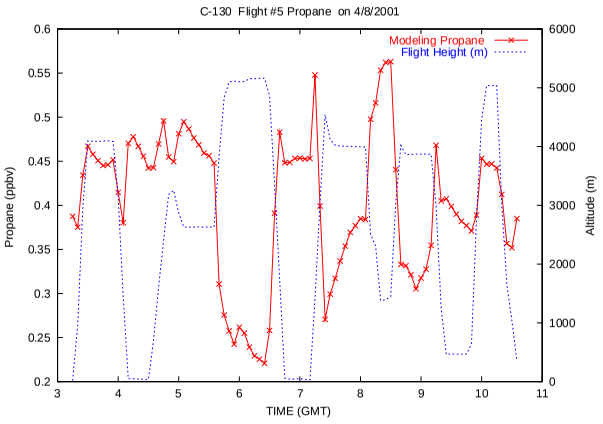

C-130 Flight #5 NO2 on 4/8/2001
Modeling NO2
Flight Height (m)
NO2 (ppbv)
Altitude (m)
TIME (GMT)

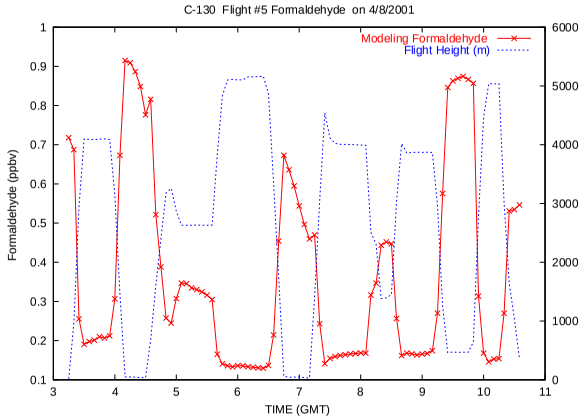

C-130 Flight #5 NOy on 4/8/2001
Modeling NOy
Flight Height (m)
NOy (ppbv)
Altitude (m)
TIME (GMT)

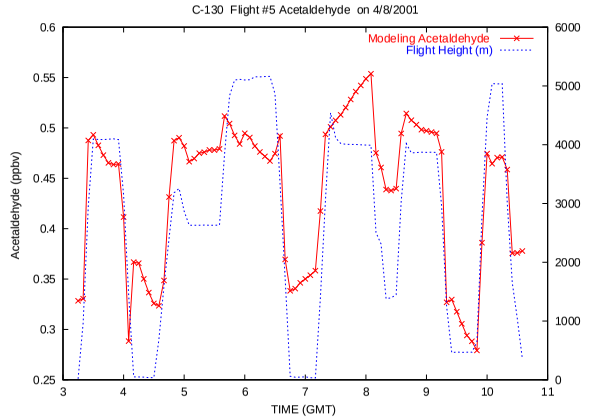

C-130 Flight #5 SO2 on 4/8/2001
Modeling SO2
Flight Height (m)
SO2 (ppbv)
Altitude (m)
TIME (GMT)

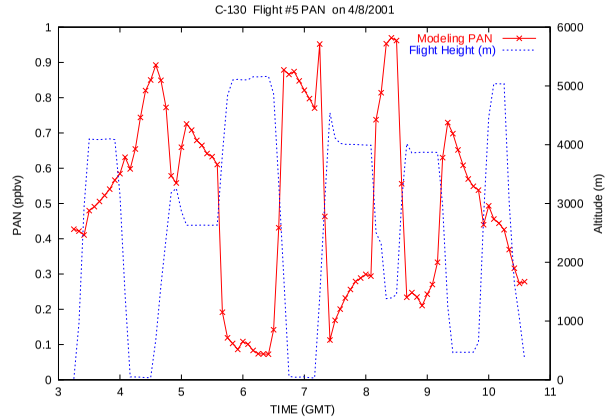

C-130 Flight #5 SO4 on 4/8/2001
Modeling SO4
Flight Height (m)
SO4 (ppbv)
Altitude (m)
TIME (GMT)

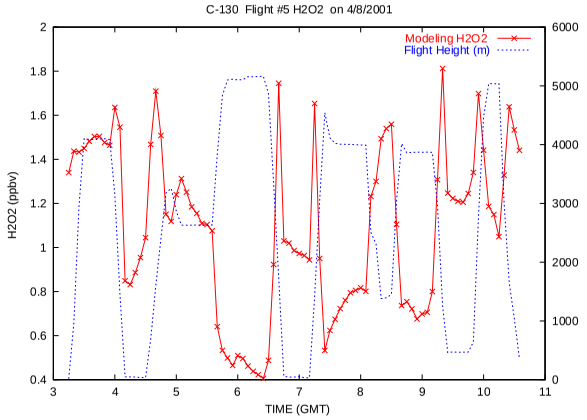

C-130 Flight #5 Ethane on 4/8/2001
Modeling Ethane
Flight Height (m)
Ethane (ppbv)
Altitude (m)
TIME (GMT)

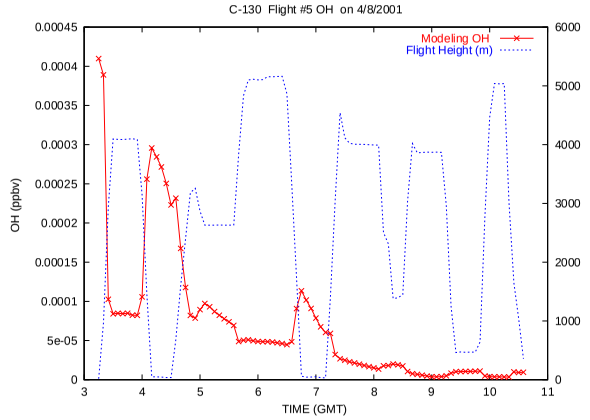

C-130 Flight #5 Propane on 4/8/2001
Modeling Propane
Flight Height (m)
Propane (ppbv)
Altitude (m)
TIME (GMT)

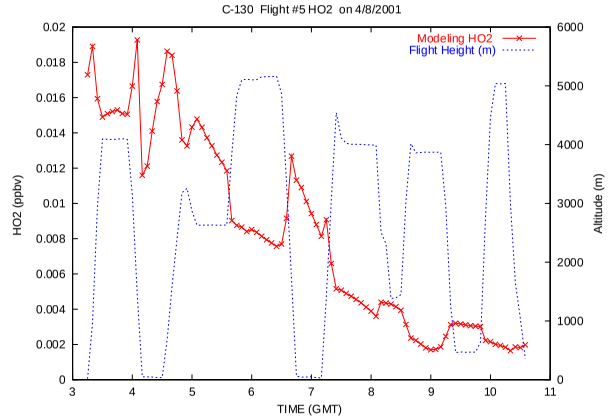

C-130 Flight #5 Formaldehyde on 4/8/2001
Modeling Formaldehyde
Flight Height (m)
Formaldehyde (ppbv)
Altitude (m)
TIME (GMT)

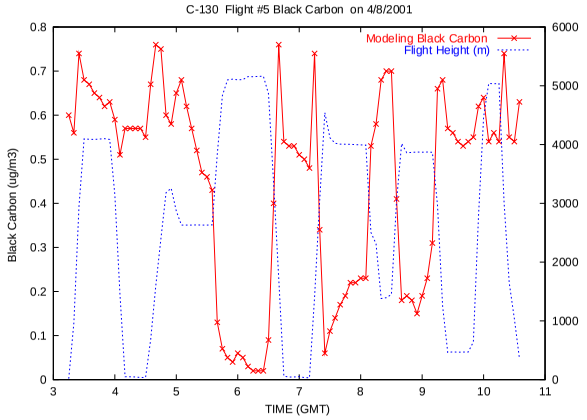

C-130 Flight #5 Acetaldehyde on 4/8/2001
Modeling Acetaldehyde
Flight Height (m)
Acetaldehyde (ppbv)
Altitude (m)
TIME (GMT)

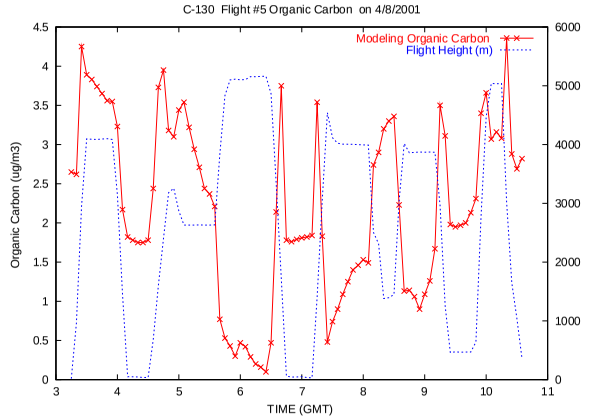

C-130 Flight #5 PAN on 4/8/2001
Modeling PAN
Flight Height (m)
PAN (ppbv)
Altitude (m)
TIME (GMT)

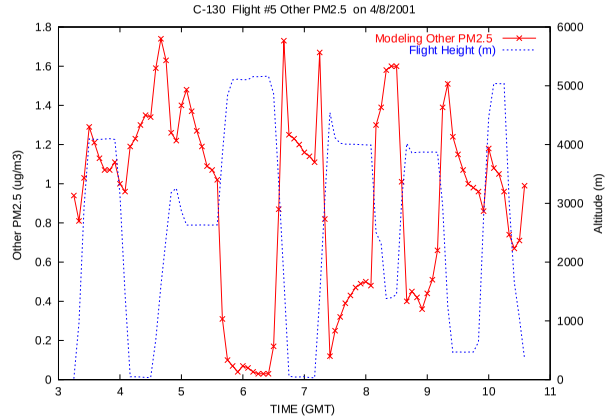

C-130 Flight #5 H2O2 on 4/8/2001
Modeling H2O2
Flight Height (m)
H2O2 (ppbv)
Altitude (m)
TIME (GMT)

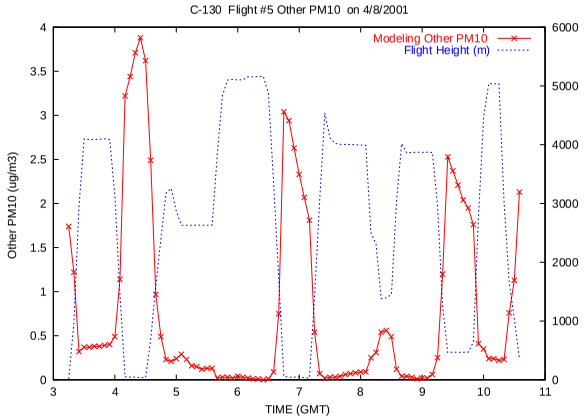

C-130 Flight #5 OH on 4/8/2001
Modeling OH
Flight Height (m)
OH (ppbv)
Altitude (m)
TIME (GMT)

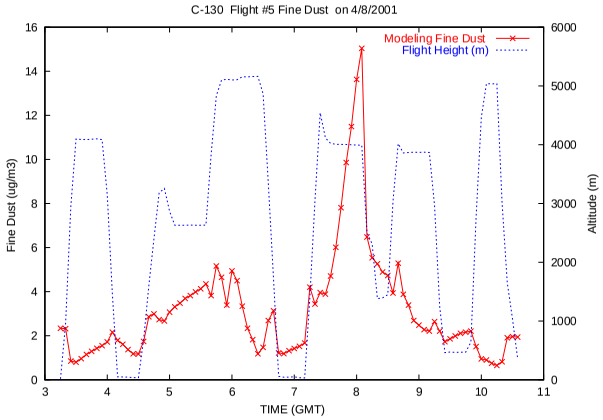

C-130 Flight #5 HO2 on 4/8/2001
Modeling HO2
Flight Height (m)
HO2 (ppbv)
Altitude (m)
TIME (GMT)

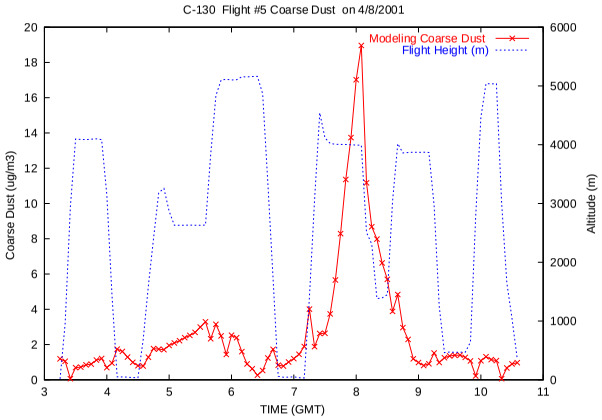

C-130 Flight #5 Black Carbon on 4/8/2001
Modeling Black Carbon
Flight Height (m)
Black Carbon (ug/m3)
Altitude (m)
TIME (GMT)

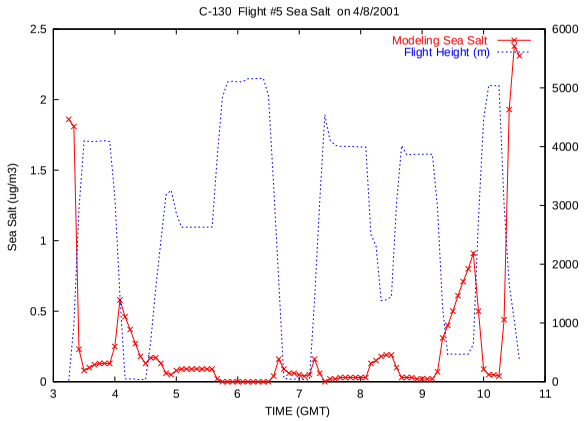

C-130 Flight #5 Organic Carbon on 4/8/2001
Modeling Organic Carbon
Flight Height (m)
Organic Carbon (ug/m3)
Altitude (m)
TIME (GMT)

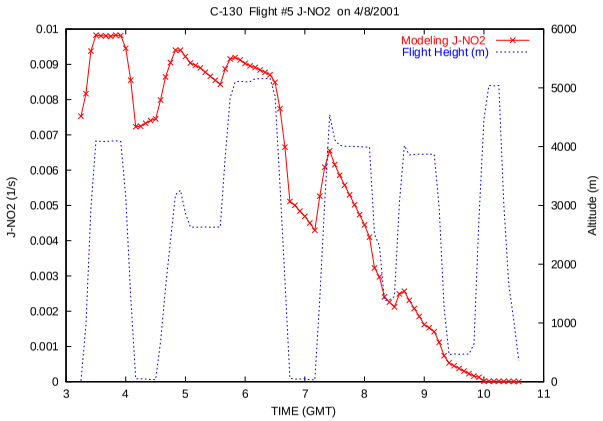

C-130 Flight #5 Other PM2.5 on 4/8/2001
Modeling Other PM2.5
Flight Height (m)
Other PM2.5 (ug/m3)
Altitude (m)
TIME (GMT)

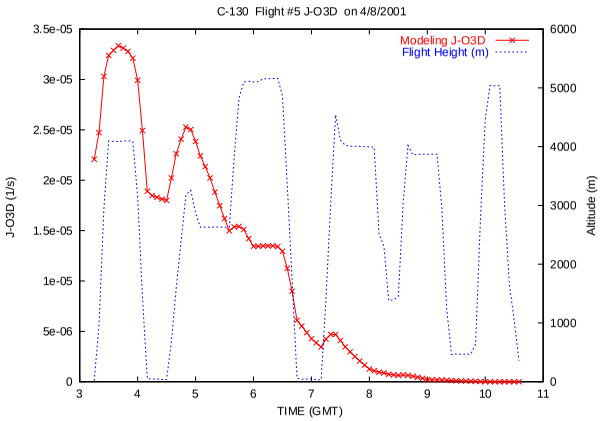

C-130 Flight #5 Other PM10 on 4/8/2001
Modeling Other PM10
Flight Height (m)
Other PM10 (ug/m3)
Altitude (m)
TIME (GMT)

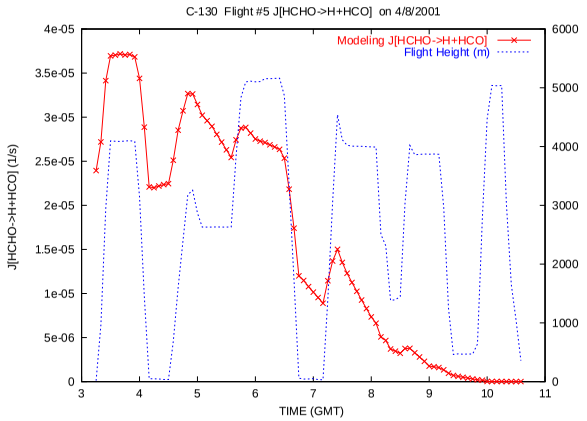

C-130 Flight #5 Fine Dust on 4/8/2001
Modeling Fine Dust
Flight Height (m)
Fine Dust (ug/m3)
Altitude (m)
TIME (GMT)

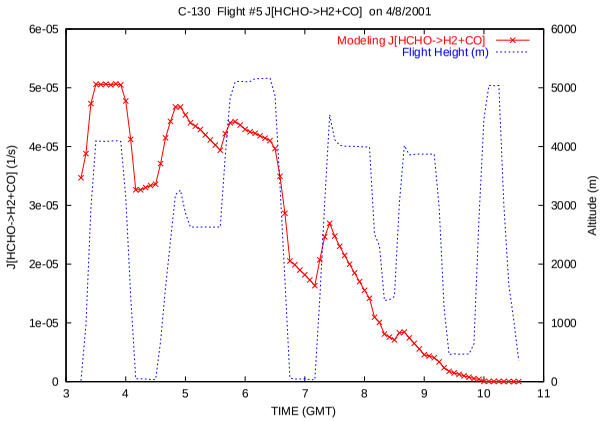

C-130 Flight #5 Coarse Dust on 4/8/2001
Modeling Coarse Dust
Flight Height (m)
Coarse Dust (ug/m3)
Altitude (m)
TIME (GMT)

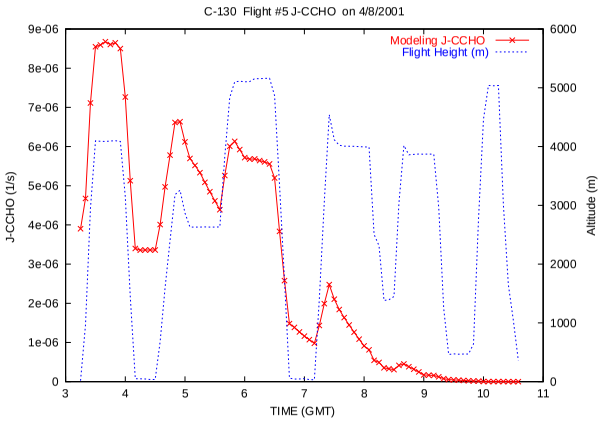

C-130 Flight #5 Sea Salt on 4/8/2001
Modeling Sea Salt
Flight Height (m)
Sea Salt (ug/m3)
Altitude (m)
TIME (GMT)

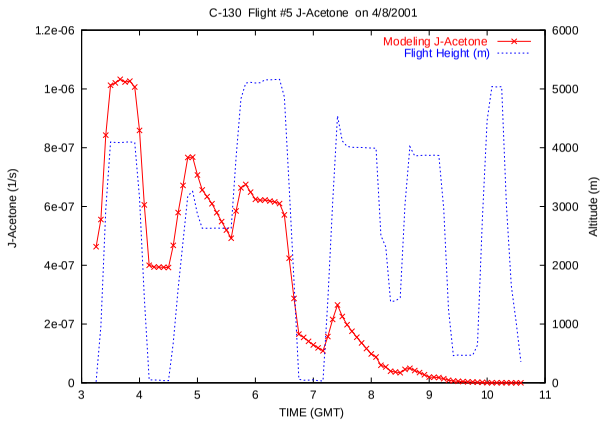

C-130 Flight #5 J-NO2 on 4/8/2001
Modeling J-NO2
Flight Height (m)
J-NO2 (1/s)
Altitude (m)
TIME (GMT)

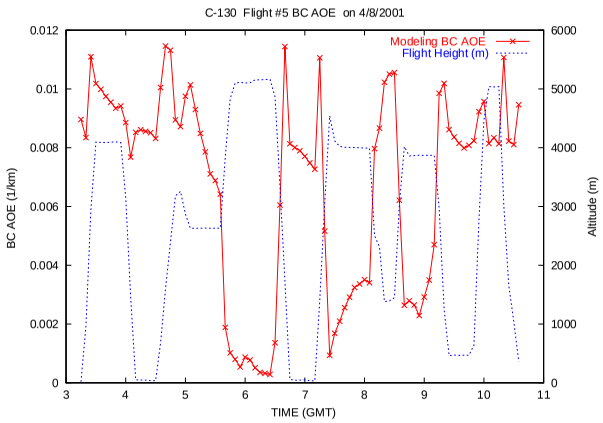

C-130 Flight #5 J-O3D on 4/8/2001
Modeling J-O3D
Flight Height (m)
J-O3D (1/s)
Altitude (m)
TIME (GMT)

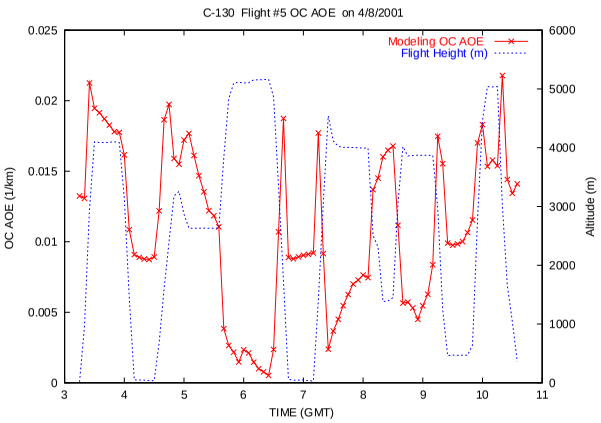

C-130 Flight #5 J[HCHO->H+HCO] on 4/8/2001
Modeling J[HCHO->H+HCO]
Flight Height (m)
J[HCHO->H+HCO] (1/s)
Altitude (m)
TIME (GMT)

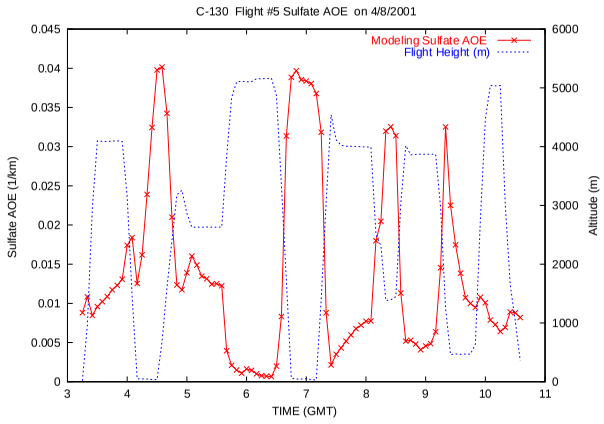

C-130 Flight #5 J[HCHO->H2+CO] on 4/8/2001
Modeling J[HCHO->H2+CO]
Flight Height (m)
J[HCHO->H2+CO] (1/s)
Altitude (m)
TIME (GMT)

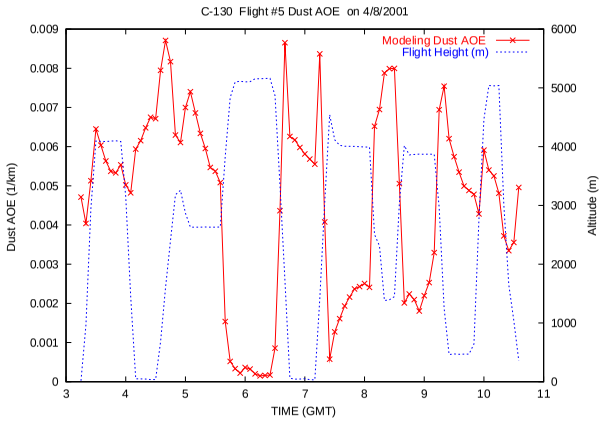

C-130 Flight #5 J-CCHO on 4/8/2001
Modeling J-CCHO
Flight Height (m)
J-CCHO (1/s)
Altitude (m)
TIME (GMT)

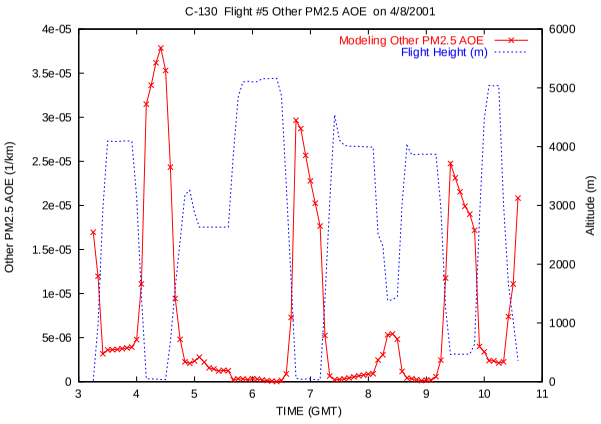

C-130 Flight #5 J-Acetone on 4/8/2001
Modeling J-Acetone
Flight Height (m)
J-Acetone (1/s)
Altitude (m)
TIME (GMT)

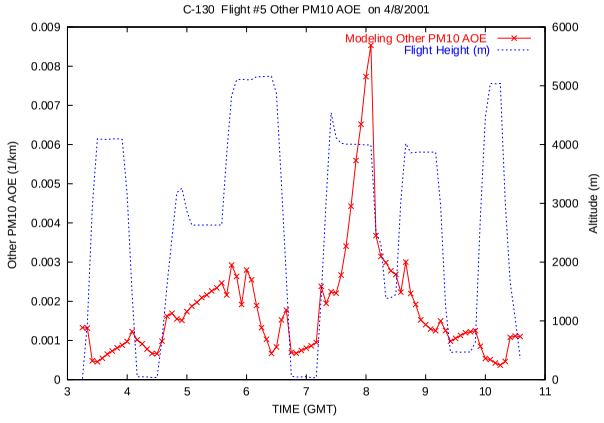

C-130 Flight #5 BC AOE on 4/8/2001
Modeling BC AOE
Flight Height (m)
BC AOE (1/km)
Altitude (m)
TIME (GMT)

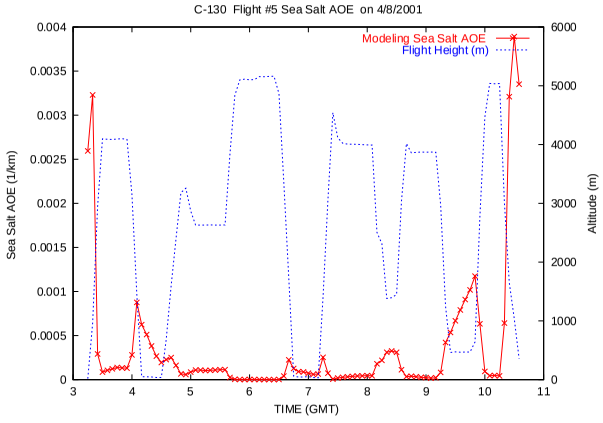

C-130 Flight #5 OC AOE on 4/8/2001
Modeling OC AOE
Flight Height (m)
OC AOE (1/km)
Altitude (m)
TIME (GMT)

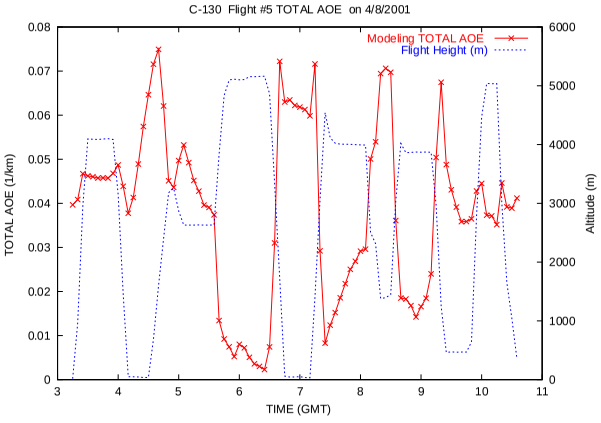

C-130 Flight #5 Sulfate AOE on 4/8/2001
Modeling Sulfate AOE
Flight Height (m)
Sulfate AOE (1/km)
Altitude (m)
TIME (GMT)


C-130 Flight #5 Dust AOE on 4/8/2001
Modeling Dust AOE
Flight Height (m)
Dust AOE (1/km)
Altitude (m)
TIME (GMT)

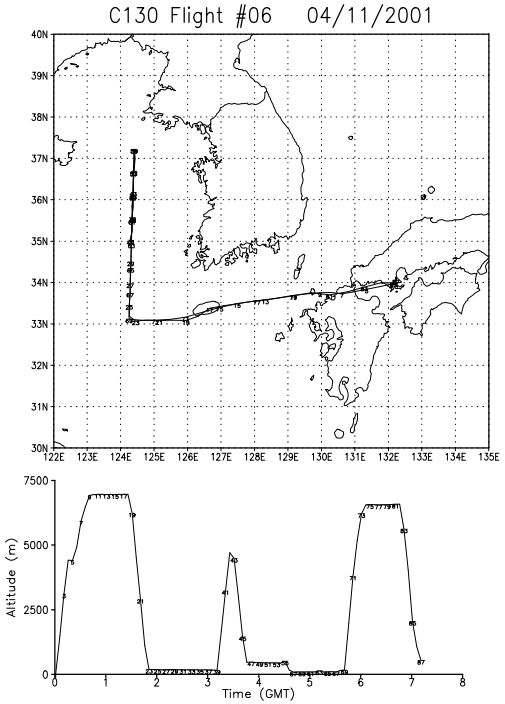

C-130 Flight #5 Other PM2.5 AOE on 4/8/2001
Modeling Other PM2.5 AOE
Flight Height (m)
Other PM2.5 AOE (1/km)
Altitude (m)
TIME (GMT)

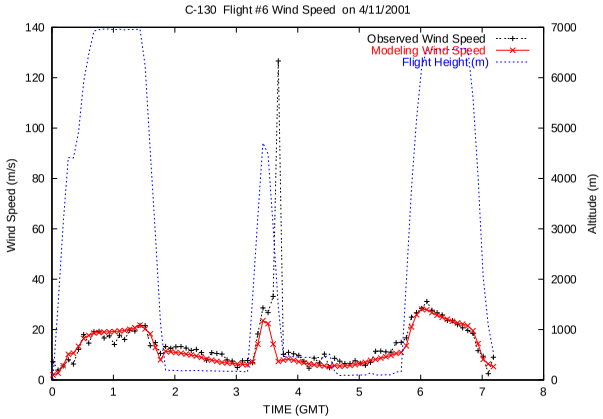

C-130 Flight #5 Other PM10 AOE on 4/8/2001
Modeling Other PM10 AOE
Flight Height (m)
Other PM10 AOE (1/km)
Altitude (m)
TIME (GMT)

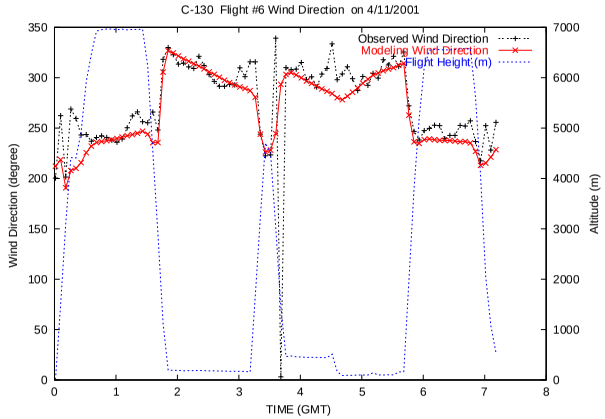

C-130 Flight #5 Sea Salt AOE on 4/8/2001
Modeling Sea Salt AOE
Flight Height (m)
Sea Salt AOE (1/km)
Altitude (m)
TIME (GMT)

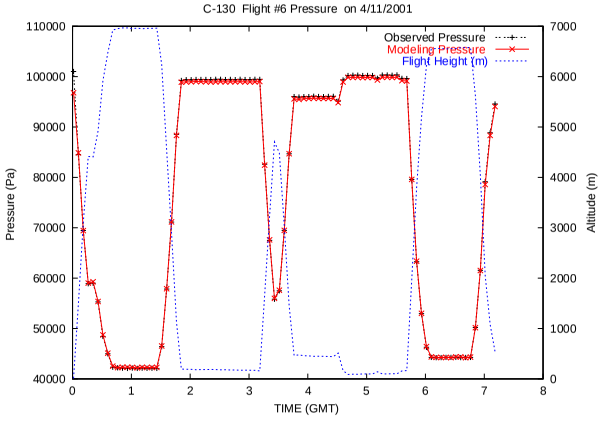

C-130 Flight #5 TOTAL AOE on 4/8/2001
Modeling TOTAL AOE
Flight Height (m)
TOTAL AOE (1/km)
Altitude (m)
TIME (GMT)

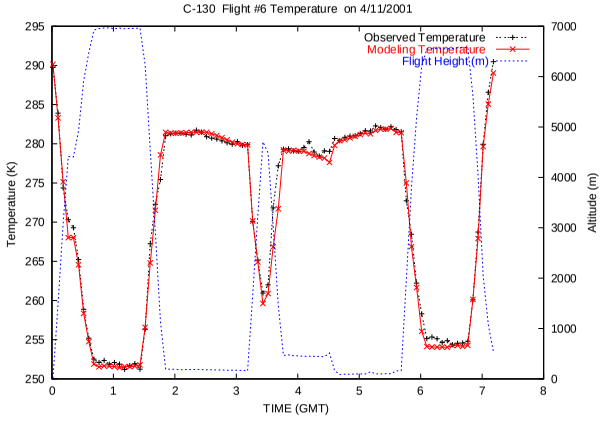
ACE-ASIA C-130 Flight #6

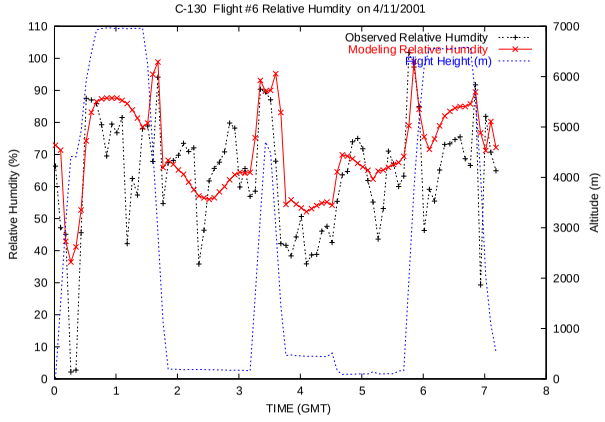


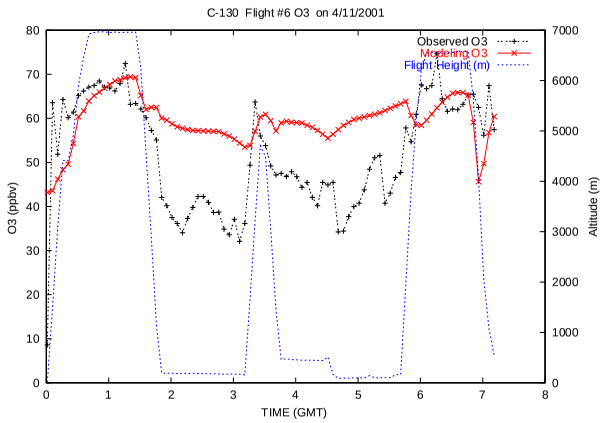


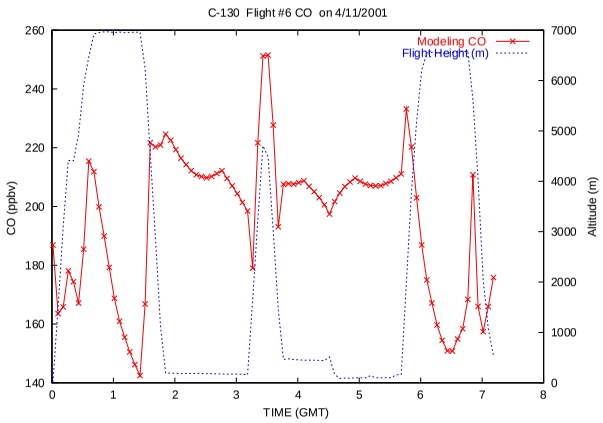


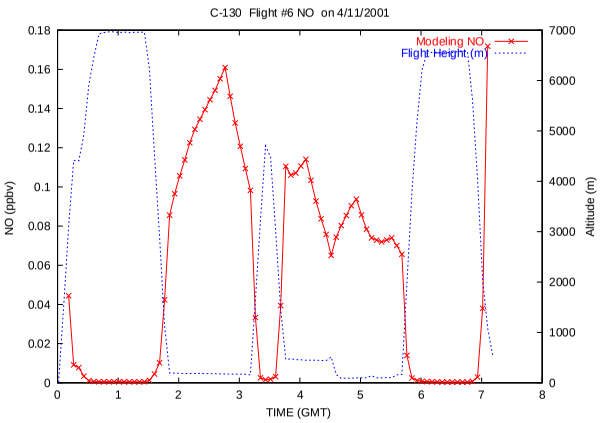


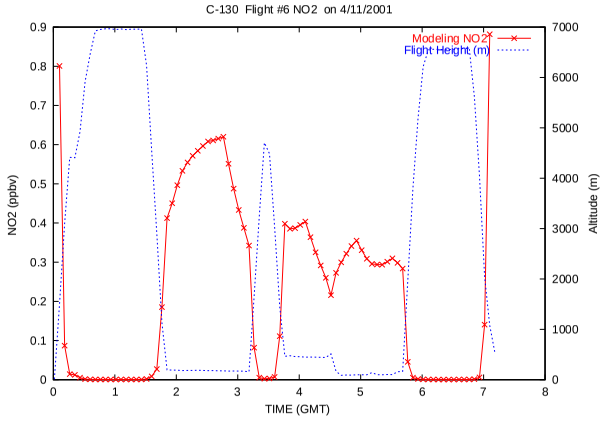


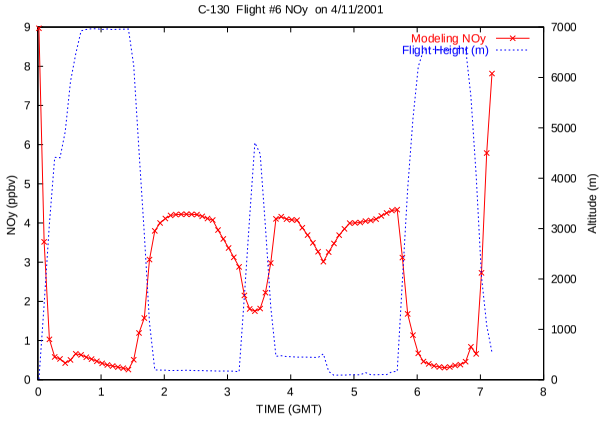


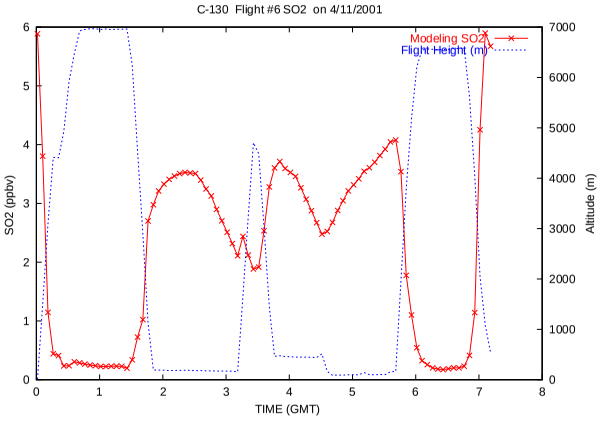

C-130 Flight #6 O3 on 4/11/2001
Observed O3
Modeling O3
Flight Height (m)
O3 (ppbv)
Altitude (m)
TIME (GMT)

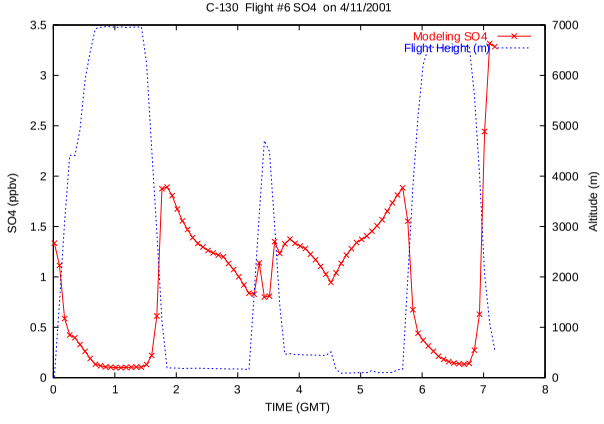

C-130 Flight #6 CO on 4/11/2001
Modeling CO
Flight Height (m)
CO (ppbv)
Altitude (m)
TIME (GMT)

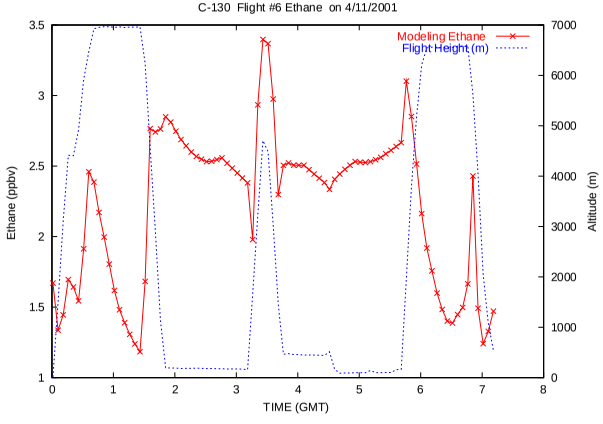

C-130 Flight #6 NO on 4/11/2001
Modeling NO
Flight Height (m)
NO (ppbv)
Altitude (m)
TIME (GMT)

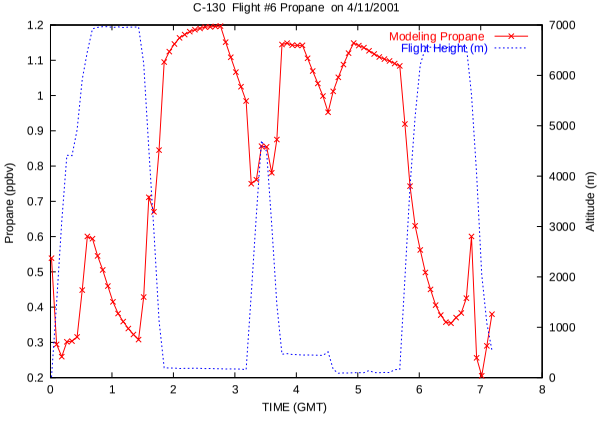

C-130 Flight #6 NO2 on 4/11/2001
Modeling NO2
Flight Height (m)
NO2 (ppbv)
Altitude (m)
TIME (GMT)

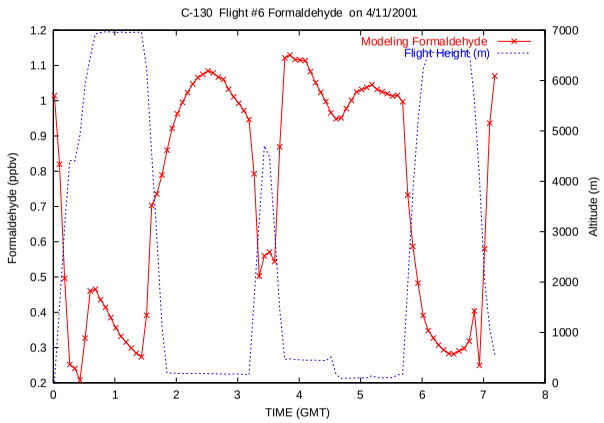

C-130 Flight #6 NOy on 4/11/2001
Modeling NOy
Flight Height (m)
NOy (ppbv)
Altitude (m)
TIME (GMT)

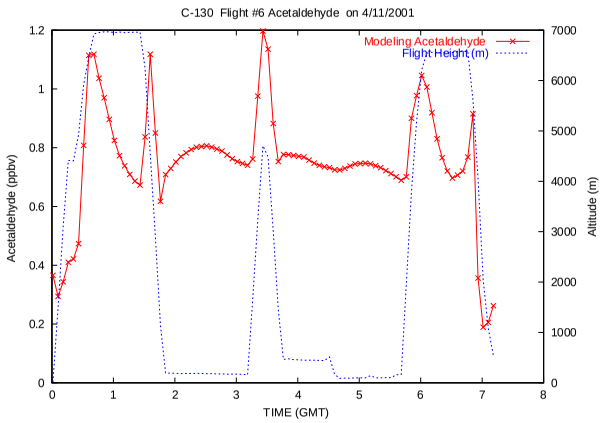

C-130 Flight #6 SO2 on 4/11/2001
Modeling SO2
Flight Height (m)
SO2 (ppbv)
Altitude (m)
TIME (GMT)

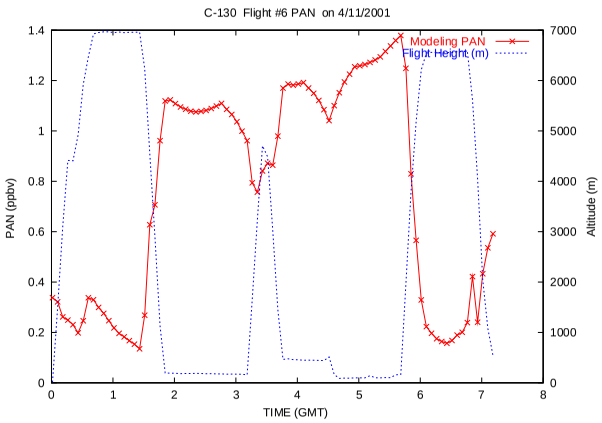

C-130 Flight #6 SO4 on 4/11/2001
Modeling SO4
Flight Height (m)
SO4 (ppbv)
Altitude (m)
TIME (GMT)

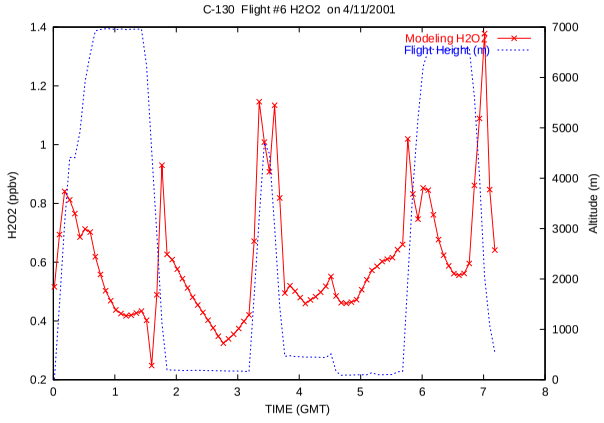

C-130 Flight #6 Ethane on 4/11/2001
Modeling Ethane
Flight Height (m)
Ethane (ppbv)
Altitude (m)
TIME (GMT)

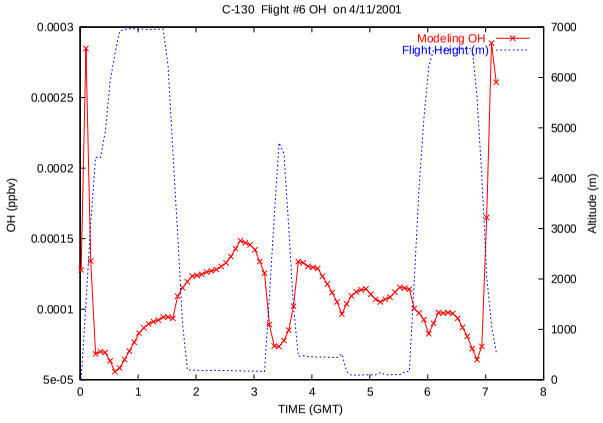

C-130 Flight #6 Propane on 4/11/2001
Modeling Propane
Flight Height (m)
Propane (ppbv)
Altitude (m)
TIME (GMT)

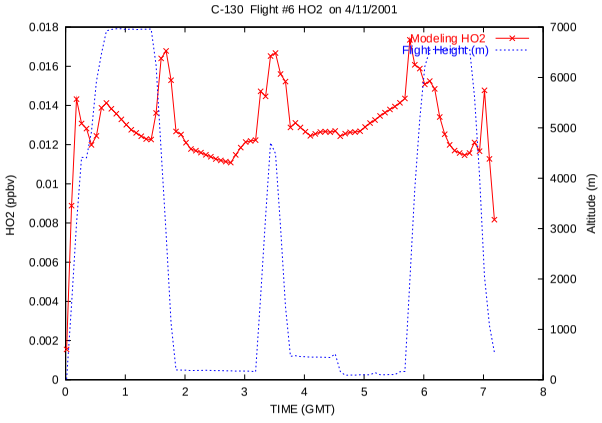

C-130 Flight #6 Formaldehyde on 4/11/2001
Modeling Formaldehyde
Flight Height (m)
Formaldehyde (ppbv)
Altitude (m)
TIME (GMT)

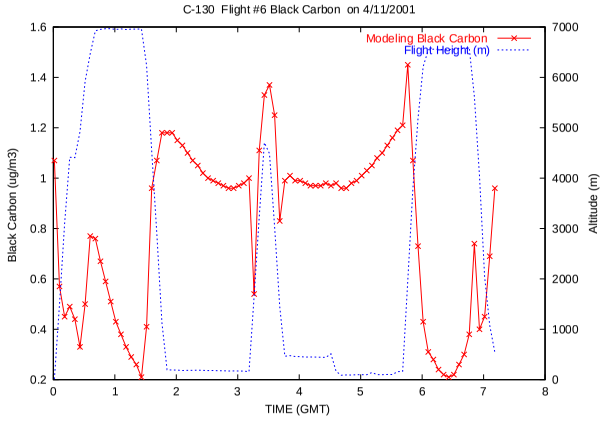

C-130 Flight #6 Acetaldehyde on 4/11/2001
Modeling Acetaldehyde
Flight Height (m)
Acetaldehyde (ppbv)
Altitude (m)
TIME (GMT)

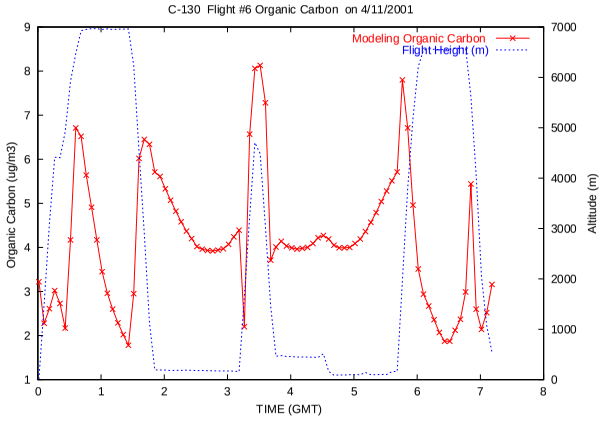

C-130 Flight #6 PAN on 4/11/2001
Modeling PAN
Flight Height (m)
PAN (ppbv)
Altitude (m)
TIME (GMT)

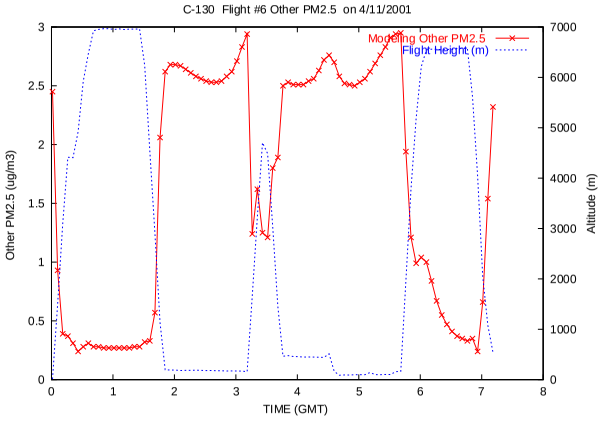

C-130 Flight #6 H2O2 on 4/11/2001
Modeling H2O2
Flight Height (m)
H2O2 (ppbv)
Altitude (m)
TIME (GMT)

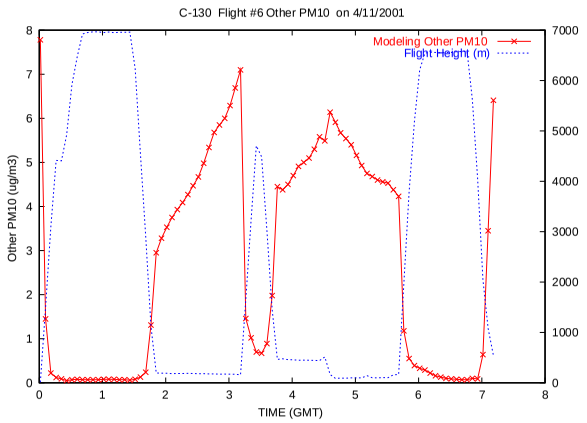

C-130 Flight #6 OH on 4/11/2001
Modeling OH
Flight Height (m)
OH (ppbv)
Altitude (m)
TIME (GMT)

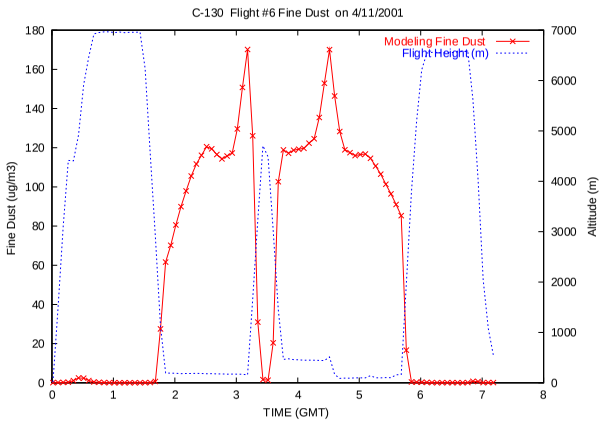

C-130 Flight #6 HO2 on 4/11/2001
Modeling HO2
Flight Height (m)
HO2 (ppbv)
Altitude (m)
TIME (GMT)

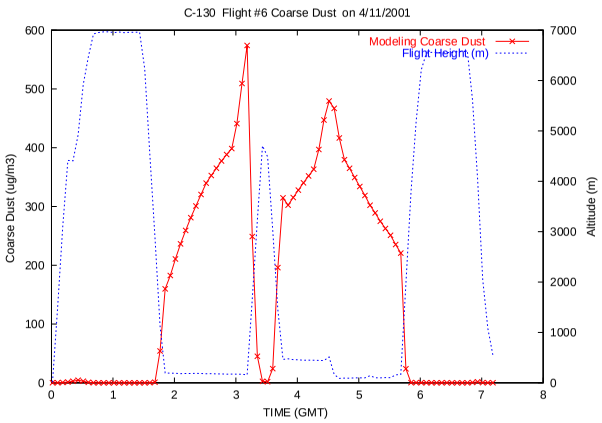

C-130 Flight #6 Black Carbon on 4/11/2001
Modeling Black Carbon
Flight Height (m)
Black Carbon (ug/m3)
Altitude (m)
TIME (GMT)

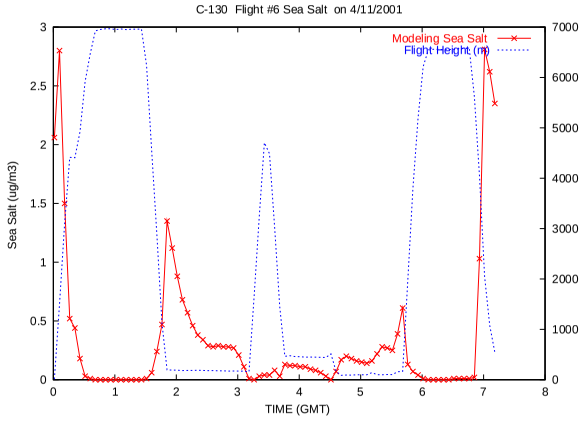

C-130 Flight #6 Organic Carbon on 4/11/2001
Modeling Organic Carbon
Flight Height (m)
Organic Carbon (ug/m3)
Altitude (m)
TIME (GMT)

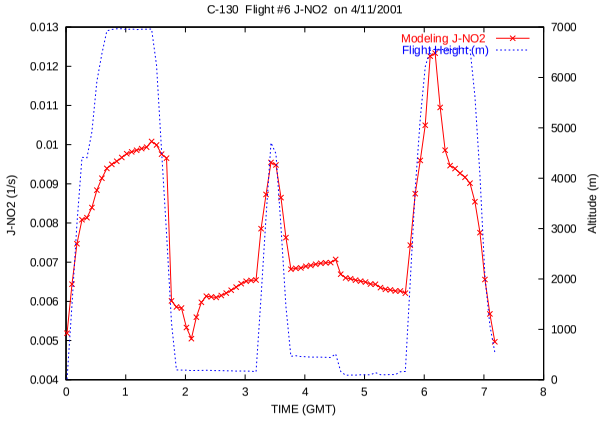

C-130 Flight #6 Other PM2.5 on 4/11/2001
Modeling Other PM2.5
Flight Height (m)
Other PM2.5 (ug/m3)
Altitude (m)
TIME (GMT)

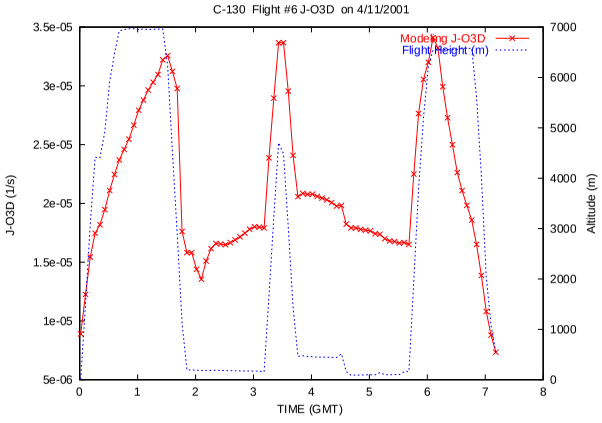

C-130 Flight #6 Other PM10 on 4/11/2001
Modeling Other PM10
Flight Height (m)
Other PM10 (ug/m3)
Altitude (m)
TIME (GMT)

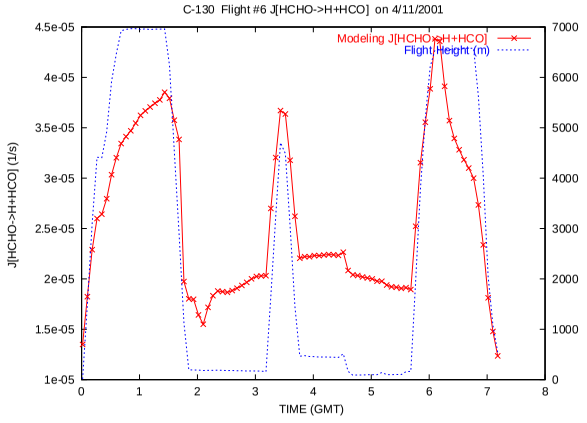

C-130 Flight #6 Fine Dust on 4/11/2001
Modeling Fine Dust
Flight Height (m)
Fine Dust (ug/m3)
Altitude (m)
TIME (GMT)

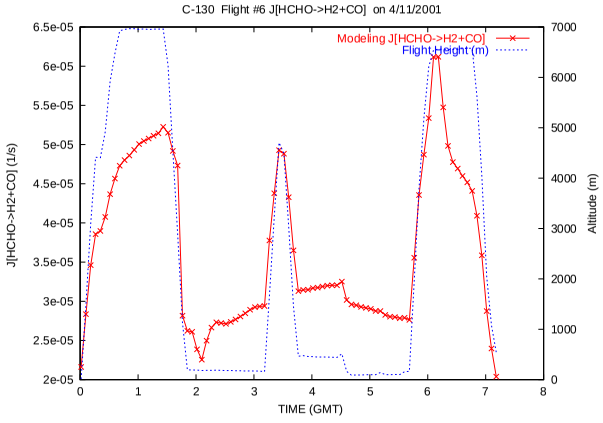

C-130 Flight #6 Coarse Dust on 4/11/2001
Modeling Coarse Dust
Flight Height (m)
Coarse Dust (ug/m3)
Altitude (m)
TIME (GMT)

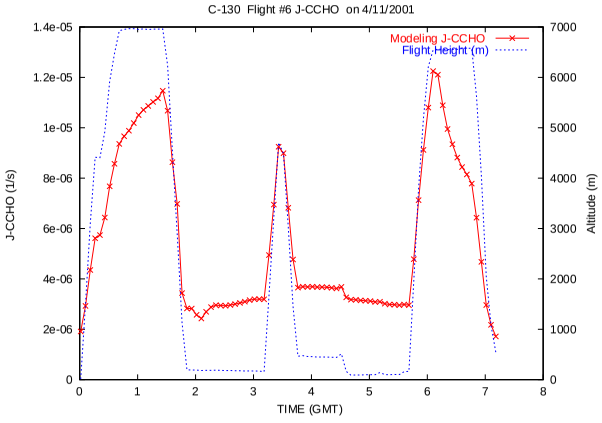

C-130 Flight #6 Sea Salt on 4/11/2001
Modeling Sea Salt
Flight Height (m)
Sea Salt (ug/m3)
Altitude (m)
TIME (GMT)

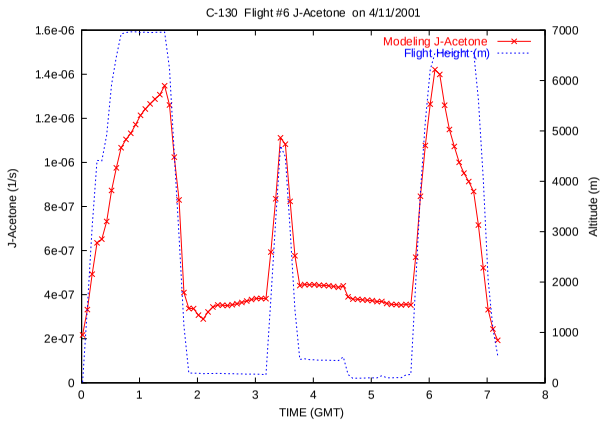

C-130 Flight #6 J-NO2 on 4/11/2001
Modeling J-NO2
Flight Height (m)
J-NO2 (1/s)
Altitude (m)
TIME (GMT)

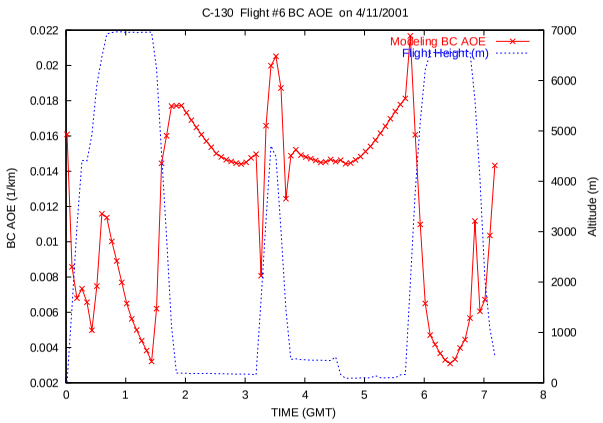

C-130 Flight #6 J-O3D on 4/11/2001
Modeling J-O3D
Flight Height (m)
J-O3D (1/s)
Altitude (m)
TIME (GMT)

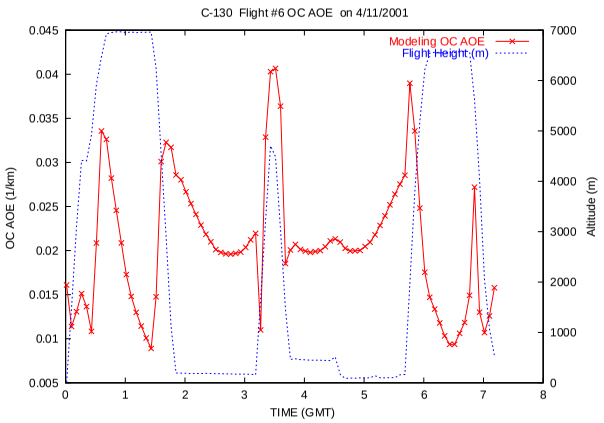

C-130 Flight #6 J[HCHO->H+HCO] on 4/11/2001
Modeling J[HCHO->H+HCO]
Flight Height (m)
J[HCHO->H+HCO] (1/s)
Altitude (m)
TIME (GMT)

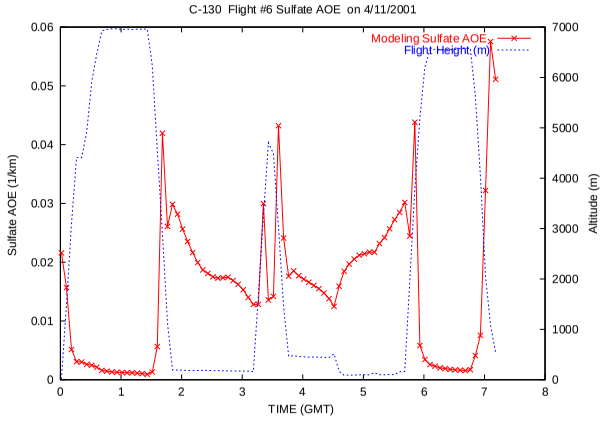

C-130 Flight #6 J[HCHO->H2+CO] on 4/11/2001
Modeling J[HCHO->H2+CO]
Flight Height (m)
J[HCHO->H2+CO] (1/s)
Altitude (m)
TIME (GMT)

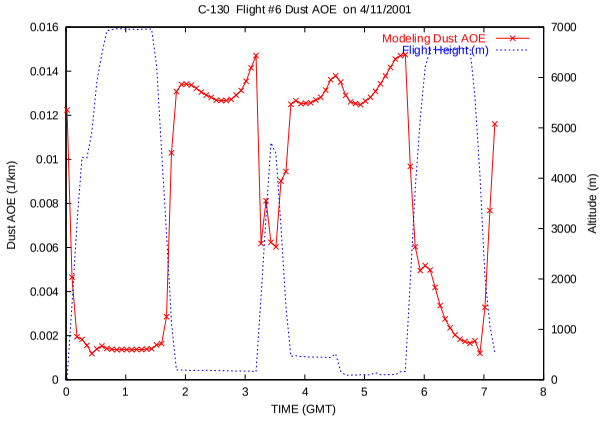

C-130 Flight #6 J-CCHO on 4/11/2001
Modeling J-CCHO
Flight Height (m)
J-CCHO (1/s)
Altitude (m)
TIME (GMT)

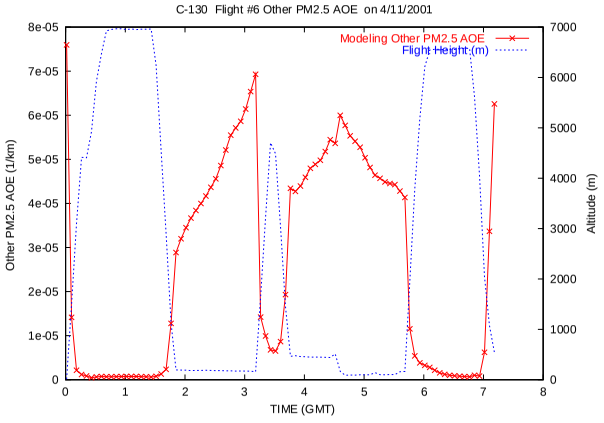

C-130 Flight #6 J-Acetone on 4/11/2001
Modeling J-Acetone
Flight Height (m)
J-Acetone (1/s)
Altitude (m)
TIME (GMT)

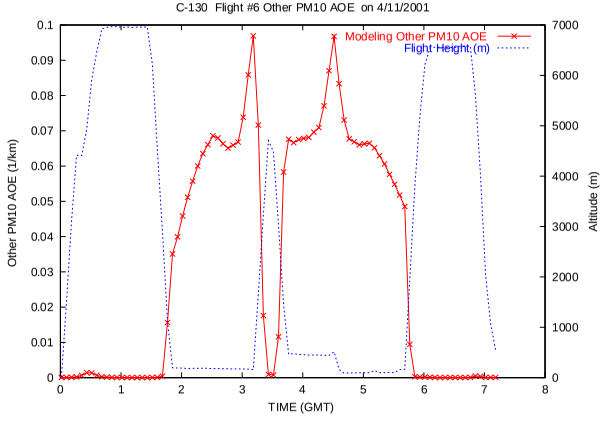

C-130 Flight #6 BC AOE on 4/11/2001
Modeling BC AOE
Flight Height (m)
BC AOE (1/km)
Altitude (m)
TIME (GMT)

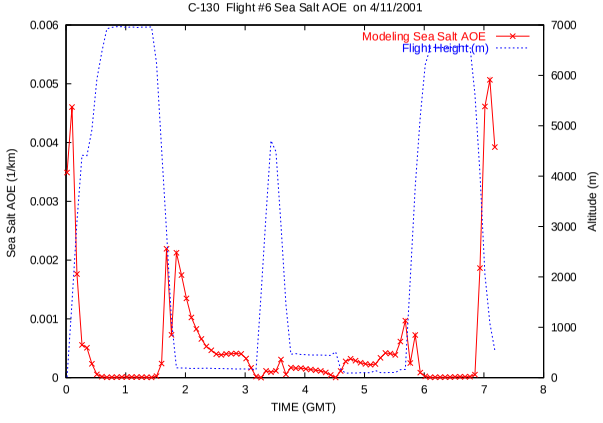

C-130 Flight #6 OC AOE on 4/11/2001
Modeling OC AOE
Flight Height (m)
OC AOE (1/km)
Altitude (m)
TIME (GMT)

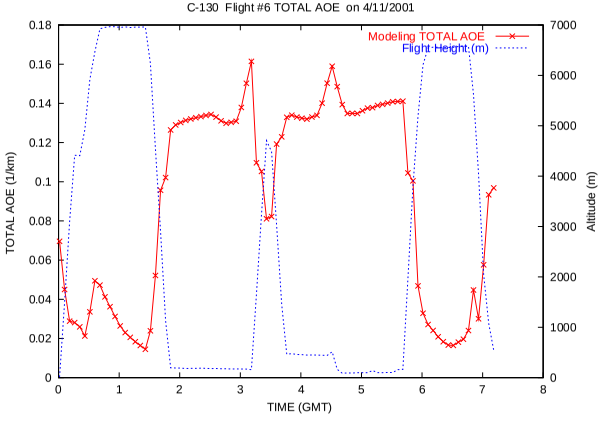

C-130 Flight #6 Sulfate AOE on 4/11/2001
Modeling Sulfate AOE
Flight Height (m)
Sulfate AOE (1/km)
Altitude (m)
TIME (GMT)


C-130 Flight #6 Dust AOE on 4/11/2001
Modeling Dust AOE
Flight Height (m)
Dust AOE (1/km)
Altitude (m)
TIME (GMT)

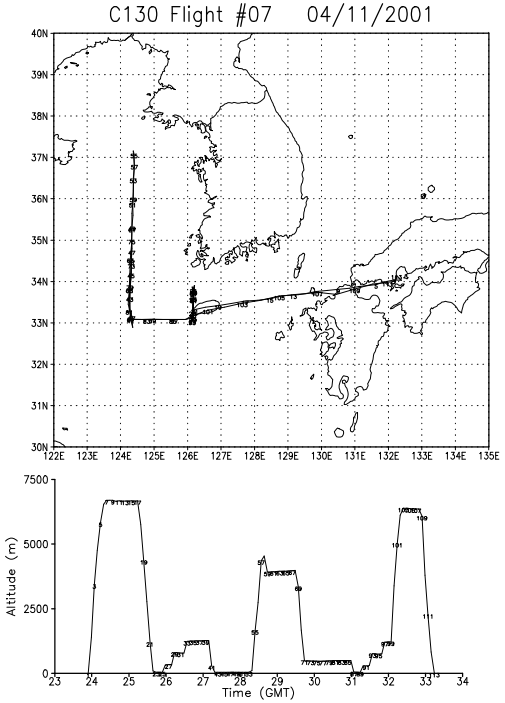

C-130 Flight #6 Other PM2.5 AOE on 4/11/2001
Modeling Other PM2.5 AOE
Flight Height (m)
Other PM2.5 AOE (1/km)
Altitude (m)
TIME (GMT)

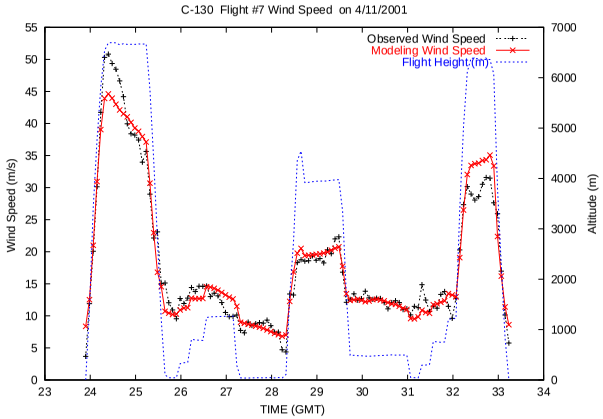

C-130 Flight #6 Other PM10 AOE on 4/11/2001
Modeling Other PM10 AOE
Flight Height (m)
Other PM10 AOE (1/km)
Altitude (m)
TIME (GMT)

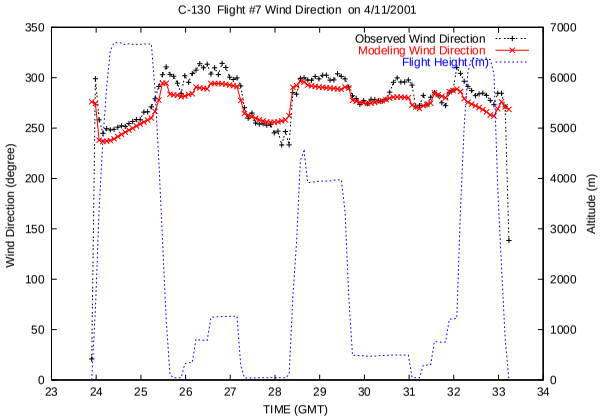

C-130 Flight #6 Sea Salt AOE on 4/11/2001
Modeling Sea Salt AOE
Flight Height (m)
Sea Salt AOE (1/km)
Altitude (m)
TIME (GMT)

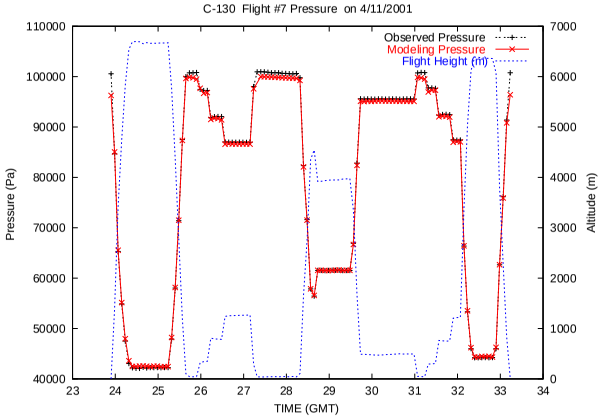

C-130 Flight #6 TOTAL AOE on 4/11/2001
Modeling TOTAL AOE
Flight Height (m)
TOTAL AOE (1/km)
Altitude (m)
TIME (GMT)

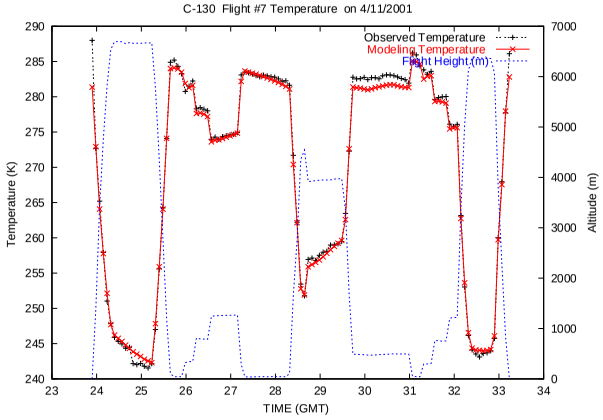
ACE-ASIA C-130 Flight #7

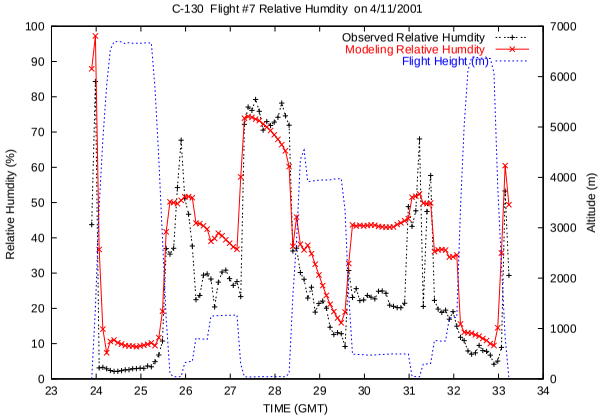


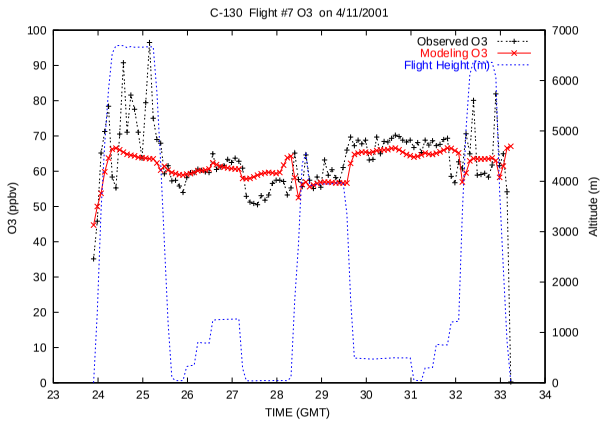


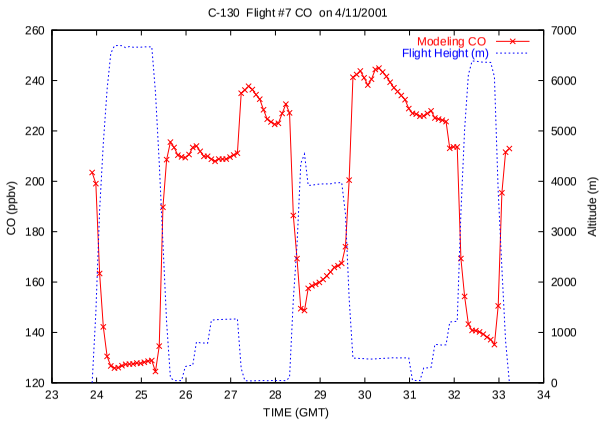


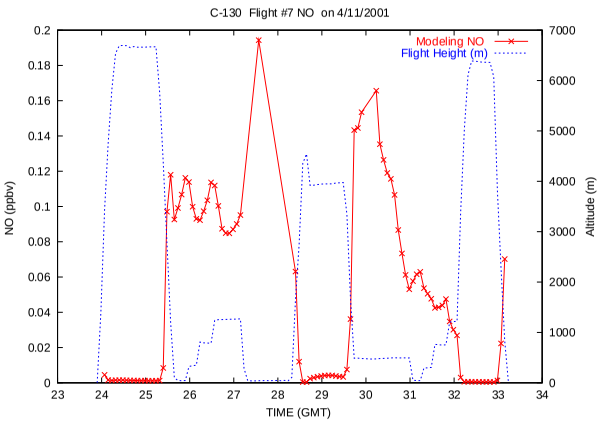


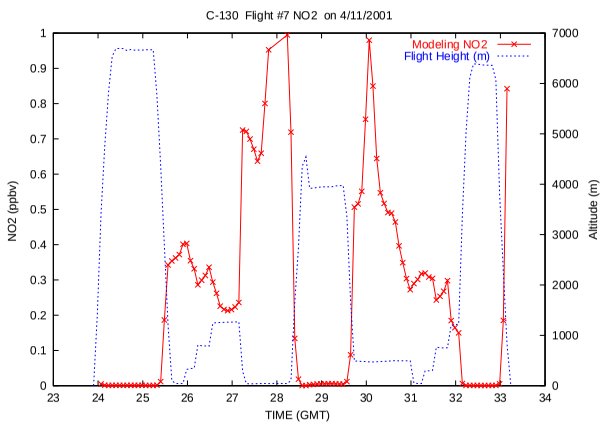


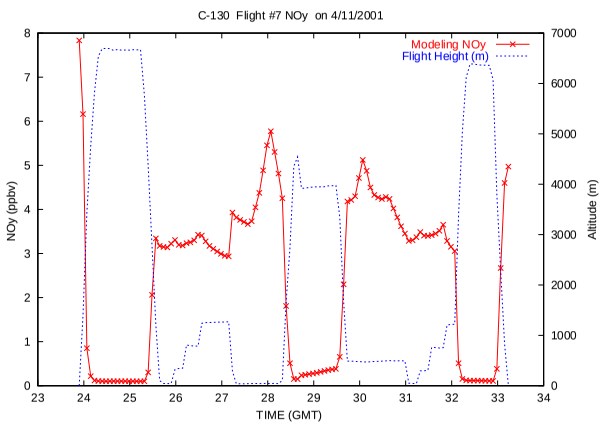


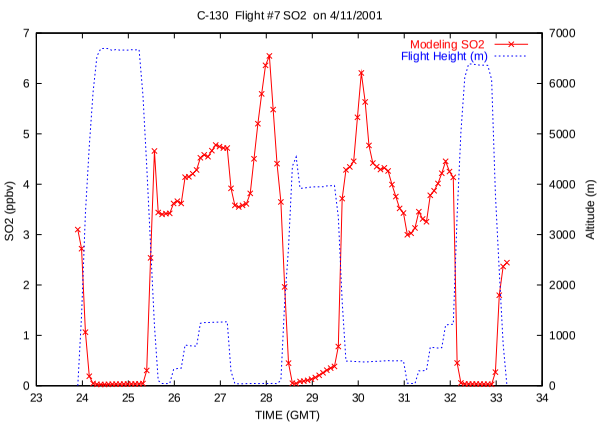

C-130 Flight #7 O3 on 4/11/2001
Observed O3
Modeling O3
Flight Height (m)
O3 (ppbv)
Altitude (m)
TIME (GMT)

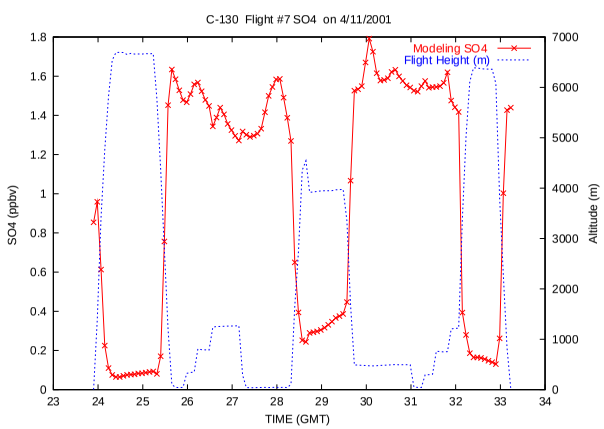

C-130 Flight #7 CO on 4/11/2001
Modeling CO
Flight Height (m)
CO (ppbv)
Altitude (m)
TIME (GMT)

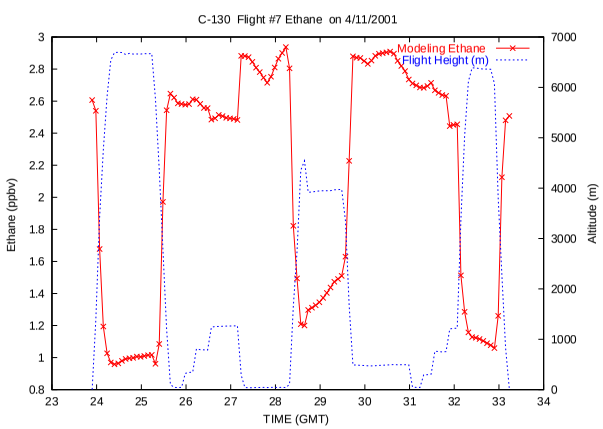

C-130 Flight #7 NO on 4/11/2001
Modeling NO
Flight Height (m)
NO (ppbv)
Altitude (m)
TIME (GMT)

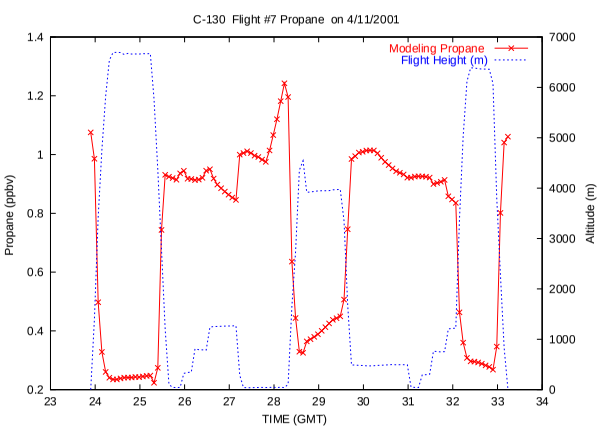

C-130 Flight #7 NO2 on 4/11/2001
Modeling NO2
Flight Height (m)
NO2 (ppbv)
Altitude (m)
TIME (GMT)

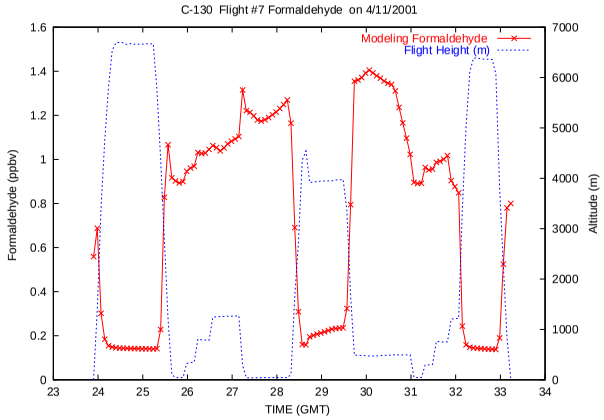

C-130 Flight #7 NOy on 4/11/2001
Modeling NOy
Flight Height (m)
NOy (ppbv)
Altitude (m)
TIME (GMT)

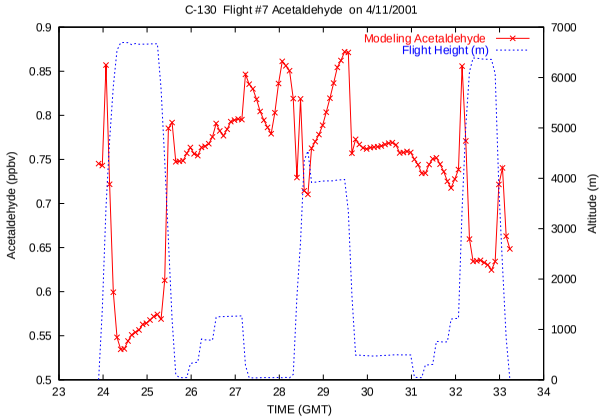

C-130 Flight #7 SO2 on 4/11/2001
Modeling SO2
Flight Height (m)
SO2 (ppbv)
Altitude (m)
TIME (GMT)

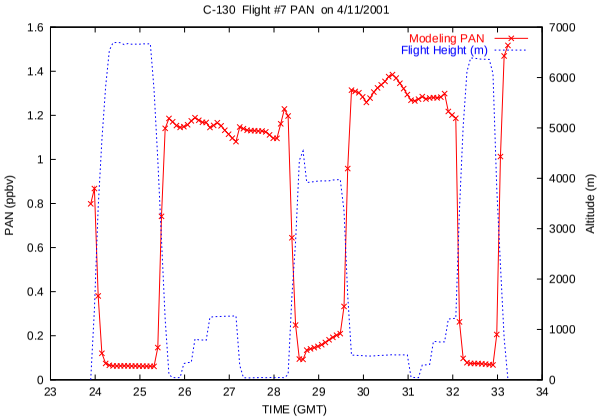

C-130 Flight #7 SO4 on 4/11/2001
Modeling SO4
Flight Height (m)
SO4 (ppbv)
Altitude (m)
TIME (GMT)

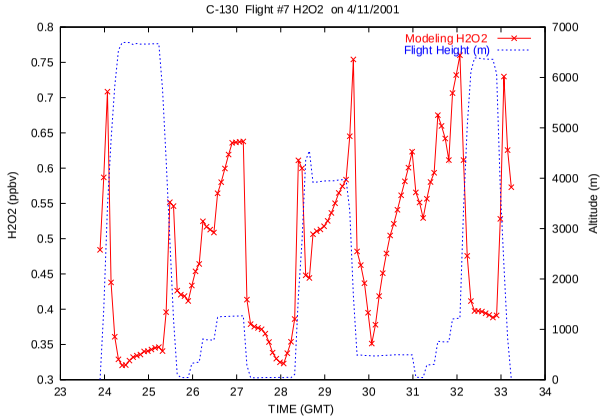

C-130 Flight #7 Ethane on 4/11/2001
Modeling Ethane
Flight Height (m)
Ethane (ppbv)
Altitude (m)
TIME (GMT)

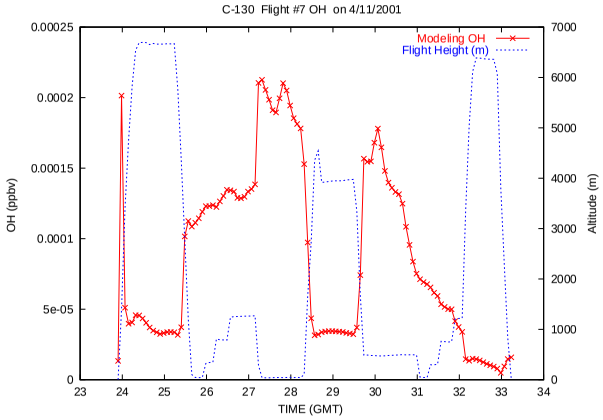

C-130 Flight #7 Propane on 4/11/2001
Modeling Propane
Flight Height (m)
Propane (ppbv)
Altitude (m)
TIME (GMT)

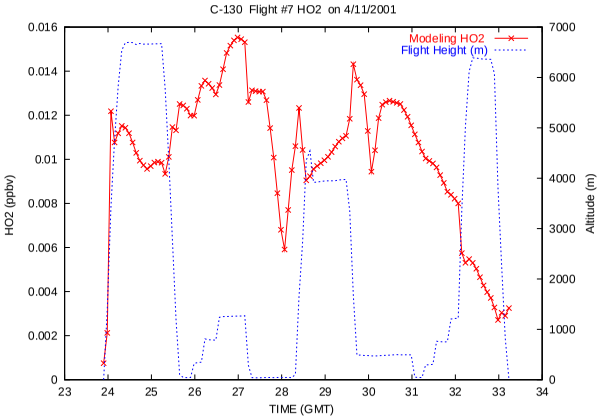

C-130 Flight #7 Formaldehyde on 4/11/2001
Modeling Formaldehyde
Flight Height (m)
Formaldehyde (ppbv)
Altitude (m)
TIME (GMT)

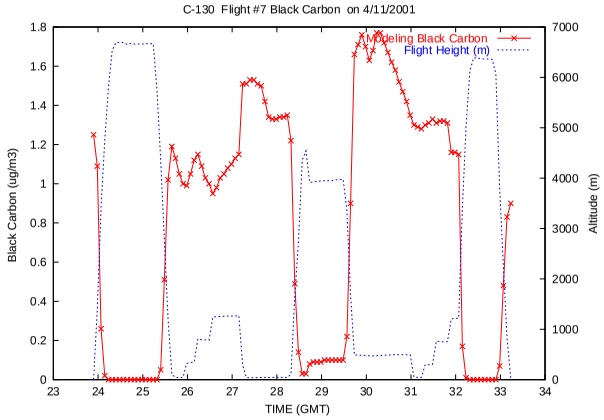

C-130 Flight #7 Acetaldehyde on 4/11/2001
Modeling Acetaldehyde
Flight Height (m)
Acetaldehyde (ppbv)
Altitude (m)
TIME (GMT)

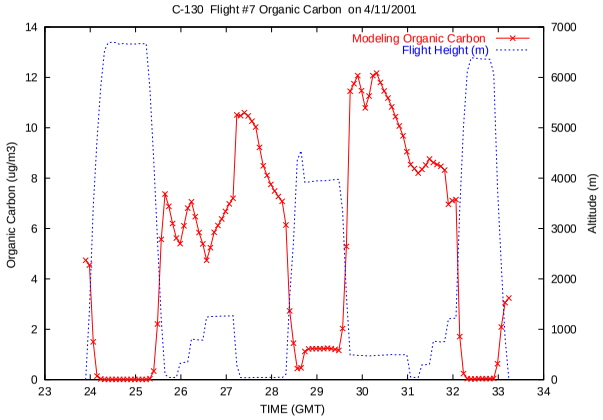

C-130 Flight #7 PAN on 4/11/2001
Modeling PAN
Flight Height (m)
PAN (ppbv)
Altitude (m)
TIME (GMT)

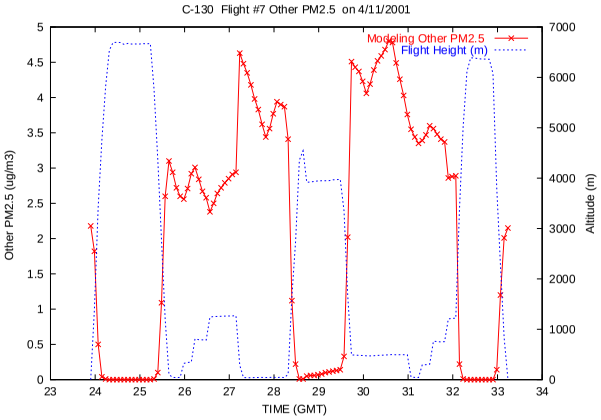

C-130 Flight #7 H2O2 on 4/11/2001
Modeling H2O2
Flight Height (m)
H2O2 (ppbv)
Altitude (m)
TIME (GMT)

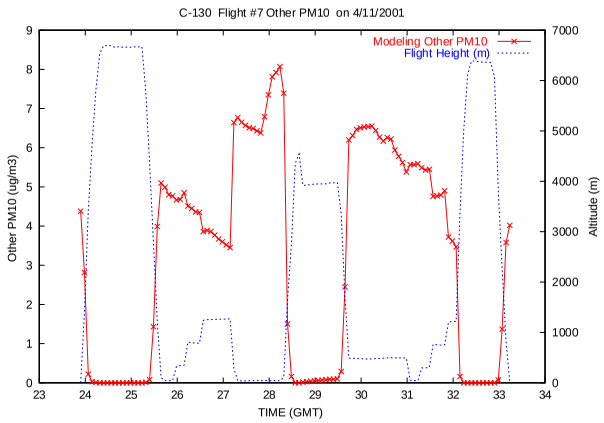

C-130 Flight #7 OH on 4/11/2001
Modeling OH
Flight Height (m)
OH (ppbv)
Altitude (m)
TIME (GMT)

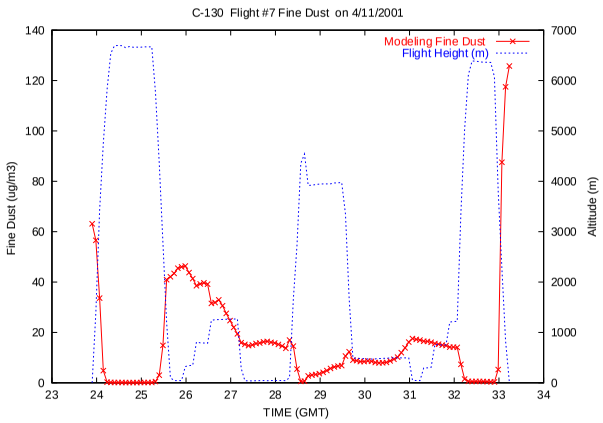

C-130 Flight #7 HO2 on 4/11/2001
Modeling HO2
Flight Height (m)
HO2 (ppbv)
Altitude (m)
TIME (GMT)

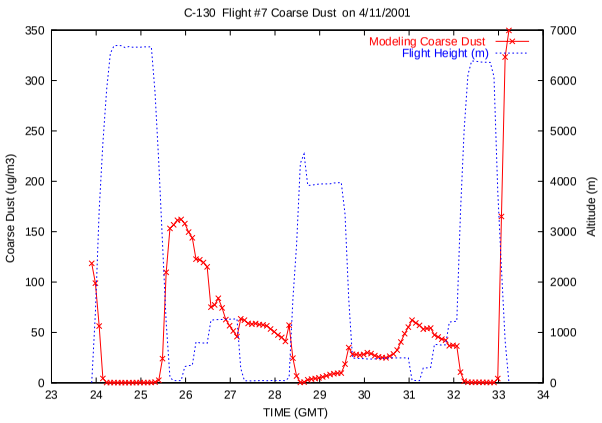

C-130 Flight #7 Black Carbon on 4/11/2001
Modeling Black Carbon
Flight Height (m)
Black Carbon (ug/m3)
Altitude (m)
TIME (GMT)

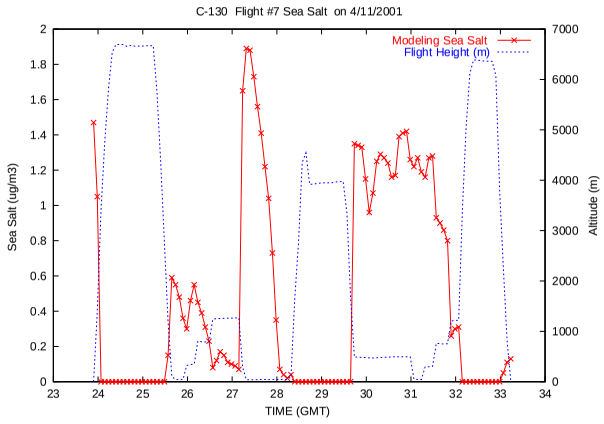

C-130 Flight #7 Organic Carbon on 4/11/2001
Modeling Organic Carbon
Flight Height (m)
Organic Carbon (ug/m3)
Altitude (m)
TIME (GMT)

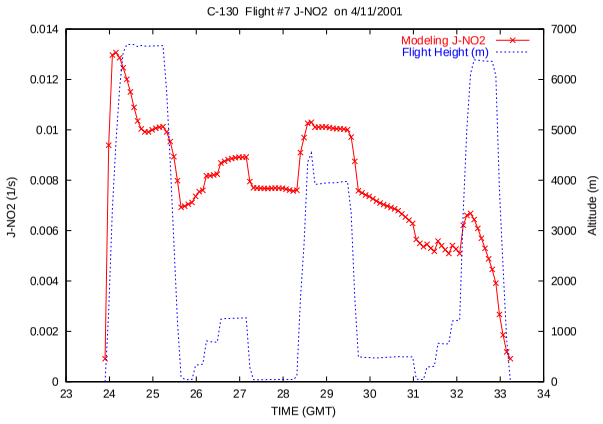

C-130 Flight #7 Other PM2.5 on 4/11/2001
Modeling Other PM2.5
Flight Height (m)
Other PM2.5 (ug/m3)
Altitude (m)
TIME (GMT)

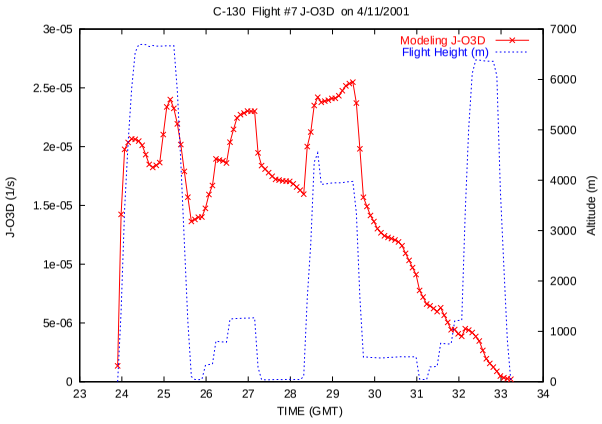

C-130 Flight #7 Other PM10 on 4/11/2001
Modeling Other PM10
Flight Height (m)
Other PM10 (ug/m3)
Altitude (m)
TIME (GMT)

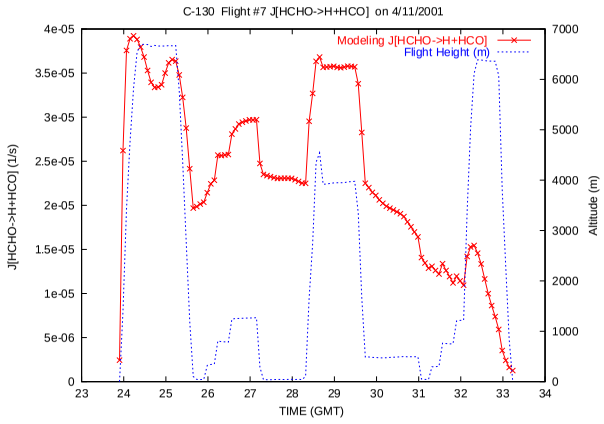

C-130 Flight #7 Fine Dust on 4/11/2001
Modeling Fine Dust
Flight Height (m)
Fine Dust (ug/m3)
Altitude (m)
TIME (GMT)

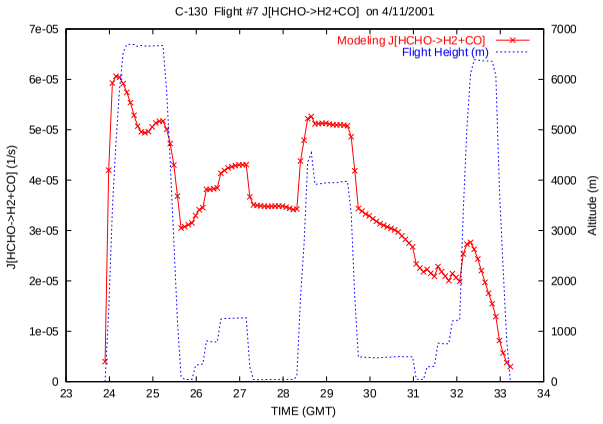

C-130 Flight #7 Coarse Dust on 4/11/2001
Modeling Coarse Dust
Flight Height (m)
Coarse Dust (ug/m3)
Altitude (m)
TIME (GMT)

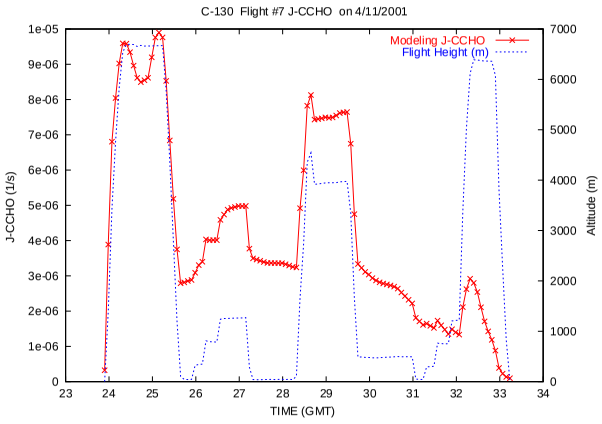

C-130 Flight #7 Sea Salt on 4/11/2001
Modeling Sea Salt
Flight Height (m)
Sea Salt (ug/m3)
Altitude (m)
TIME (GMT)

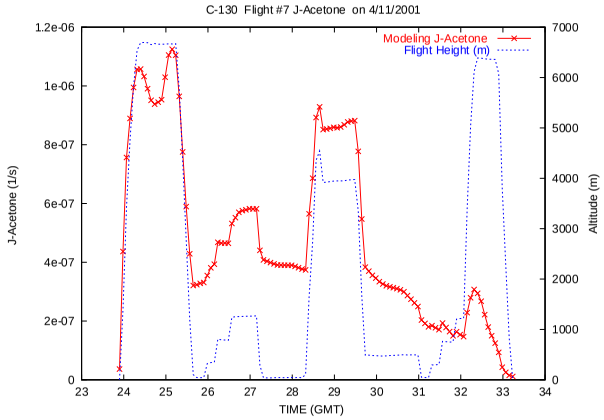

C-130 Flight #7 J-NO2 on 4/11/2001
Modeling J-NO2
Flight Height (m)
J-NO2 (1/s)
Altitude (m)
TIME (GMT)

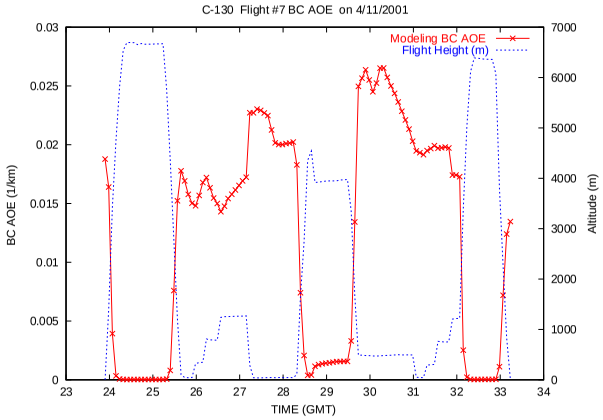

C-130 Flight #7 J-O3D on 4/11/2001
Modeling J-O3D
Flight Height (m)
J-O3D (1/s)
Altitude (m)
TIME (GMT)

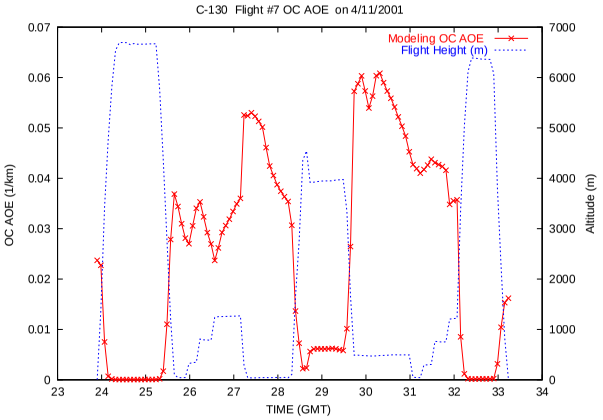

C-130 Flight #7 J[HCHO->H+HCO] on 4/11/2001
Modeling J[HCHO->H+HCO]
Flight Height (m)
J[HCHO->H+HCO] (1/s)
Altitude (m)
TIME (GMT)

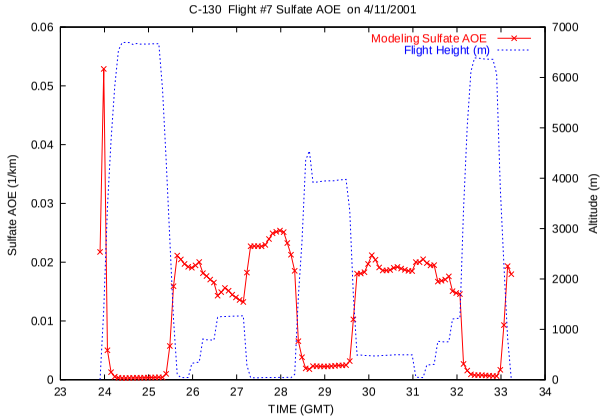

C-130 Flight #7 J[HCHO->H2+CO] on 4/11/2001
Modeling J[HCHO->H2+CO]
Flight Height (m)
J[HCHO->H2+CO] (1/s)
Altitude (m)
TIME (GMT)

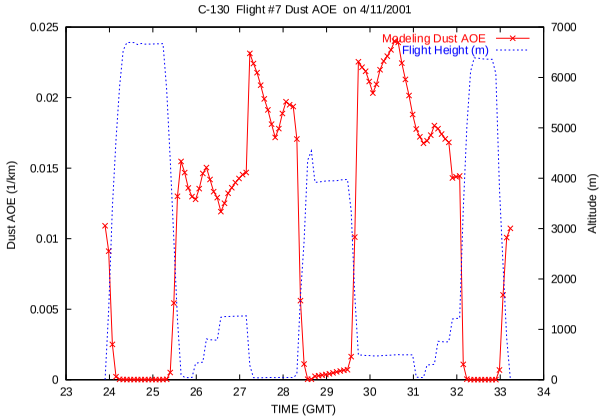

C-130 Flight #7 J-CCHO on 4/11/2001
Modeling J-CCHO
Flight Height (m)
J-CCHO (1/s)
Altitude (m)
TIME (GMT)

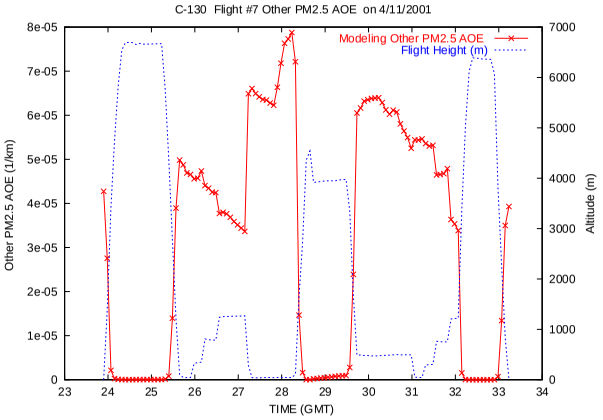

C-130 Flight #7 J-Acetone on 4/11/2001
Modeling J-Acetone
Flight Height (m)
J-Acetone (1/s)
Altitude (m)
TIME (GMT)

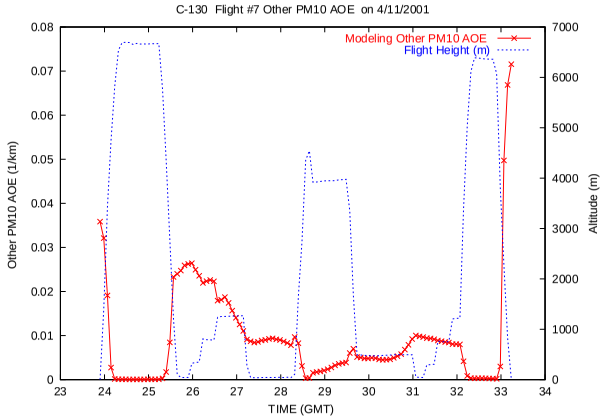

C-130 Flight #7 BC AOE on 4/11/2001
Modeling BC AOE
Flight Height (m)
BC AOE (1/km)
Altitude (m)
TIME (GMT)

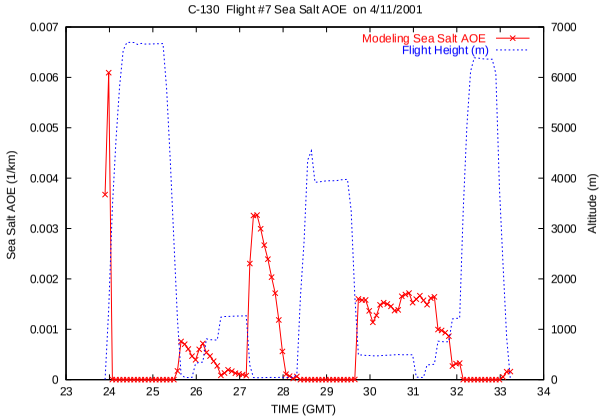

C-130 Flight #7 OC AOE on 4/11/2001
Modeling OC AOE
Flight Height (m)
OC AOE (1/km)
Altitude (m)
TIME (GMT)

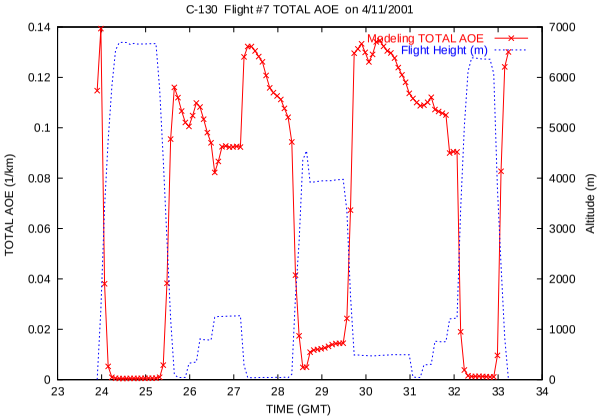

C-130 Flight #7 Sulfate AOE on 4/11/2001
Modeling Sulfate AOE
Flight Height (m)
Sulfate AOE (1/km)
Altitude (m)
TIME (GMT)


C-130 Flight #7 Dust AOE on 4/11/2001
Modeling Dust AOE
Flight Height (m)
Dust AOE (1/km)
Altitude (m)
TIME (GMT)

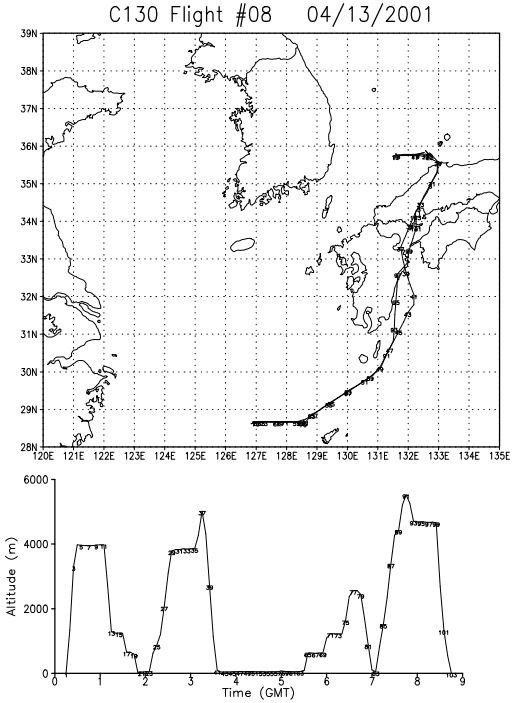

C-130 Flight #7 Other PM2.5 AOE on 4/11/2001
Modeling Other PM2.5 AOE
Flight Height (m)
Other PM2.5 AOE (1/km)
Altitude (m)
TIME (GMT)

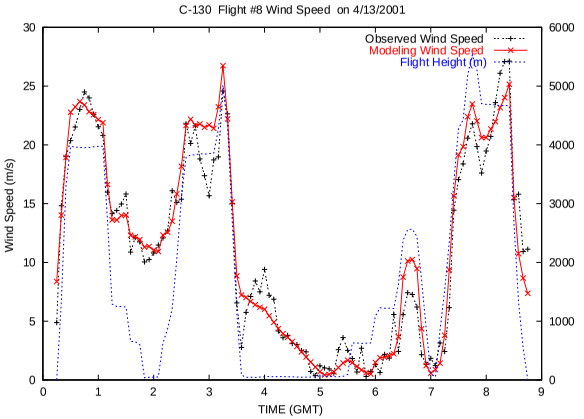

C-130 Flight #7 Other PM10 AOE on 4/11/2001
Modeling Other PM10 AOE
Flight Height (m)
Other PM10 AOE (1/km)
Altitude (m)
TIME (GMT)

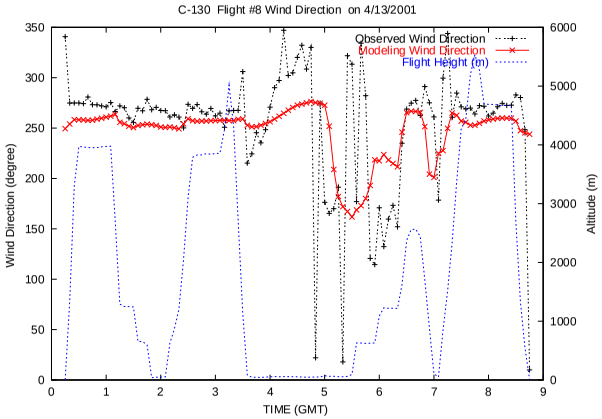

C-130 Flight #7 Sea Salt AOE on 4/11/2001
Modeling Sea Salt AOE
Flight Height (m)
Sea Salt AOE (1/km)
Altitude (m)
TIME (GMT)

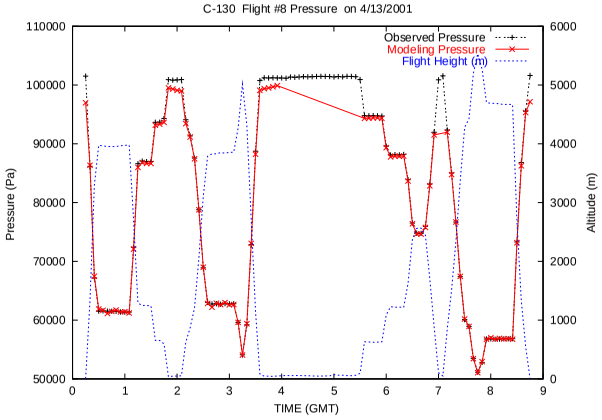

C-130 Flight #7 TOTAL AOE on 4/11/2001
Modeling TOTAL AOE
Flight Height (m)
TOTAL AOE (1/km)
Altitude (m)
TIME (GMT)

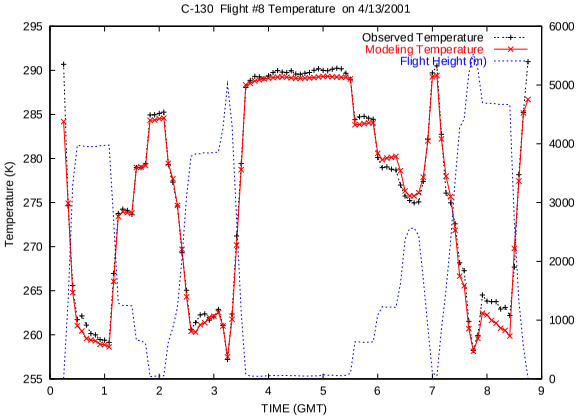
ACE-ASIA C-130 Flight #8

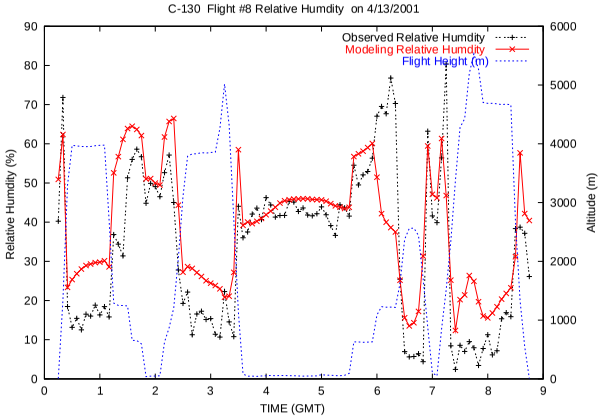


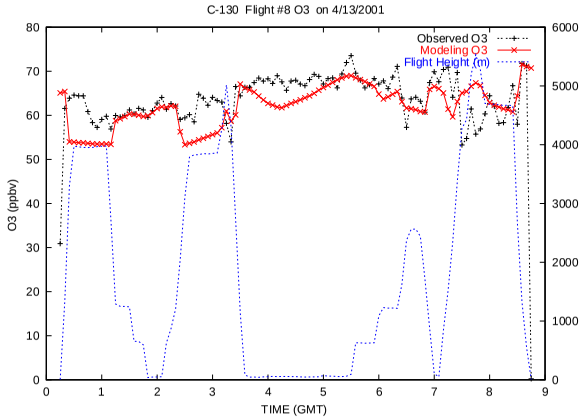


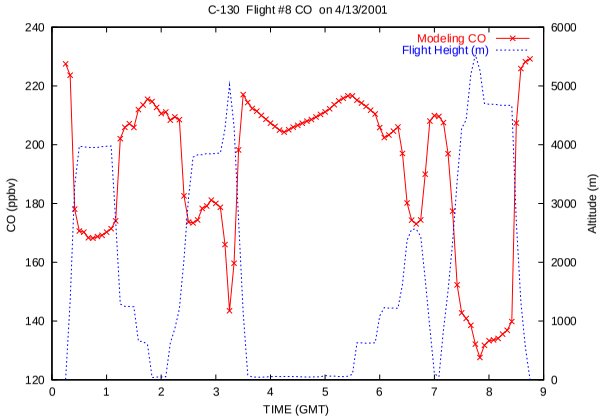


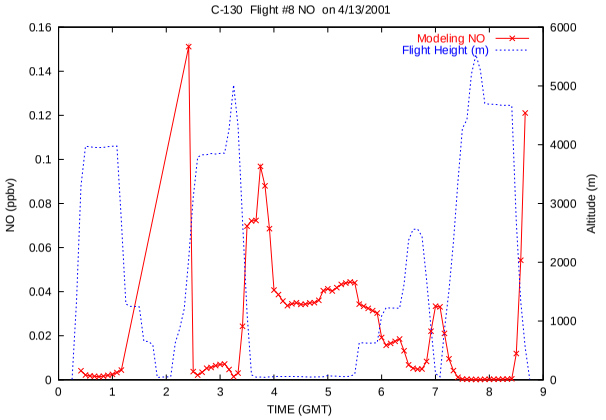


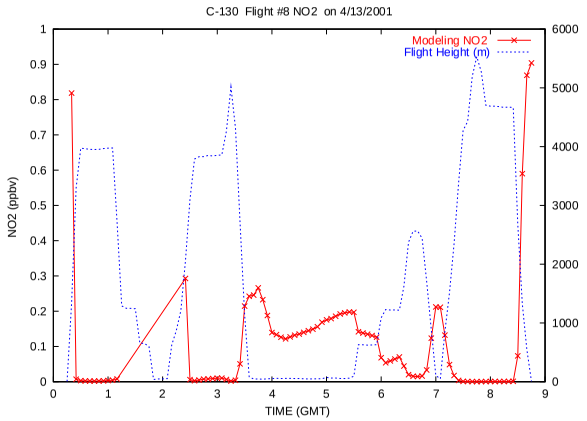


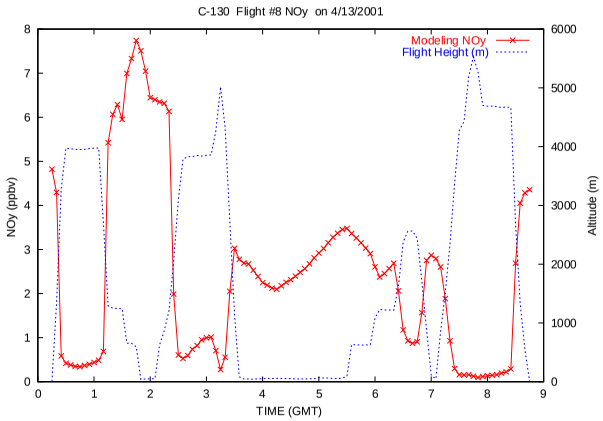


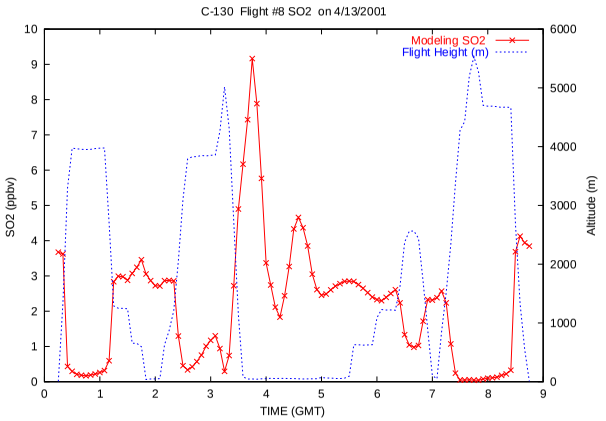

C-130 Flight #8 O3 on 4/13/2001
Observed O3
Modeling O3
Flight Height (m)
O3 (ppbv)
Altitude (m)
TIME (GMT)

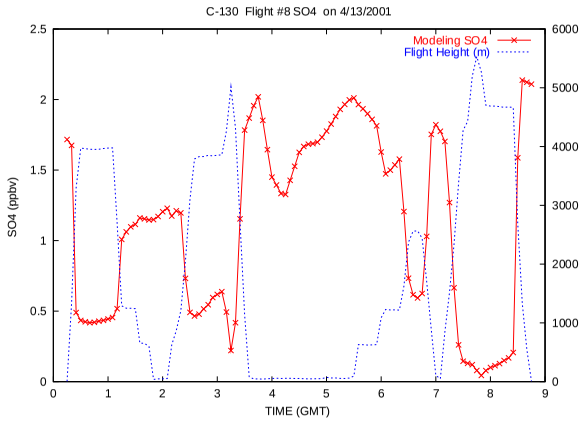

C-130 Flight #8 CO on 4/13/2001
Modeling CO
Flight Height (m)
CO (ppbv)
Altitude (m)
TIME (GMT)

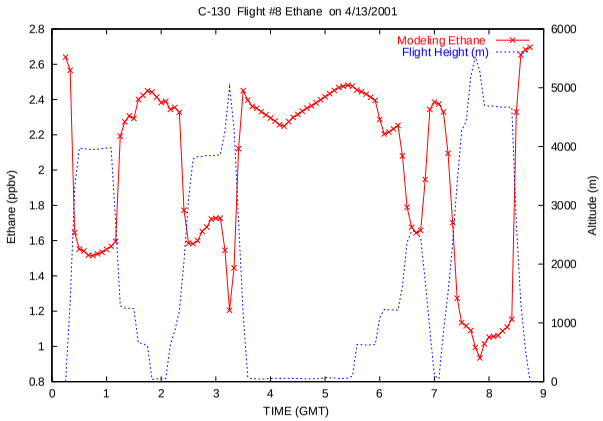

C-130 Flight #8 NO on 4/13/2001
Modeling NO
Flight Height (m)
NO (ppbv)
Altitude (m)
TIME (GMT)

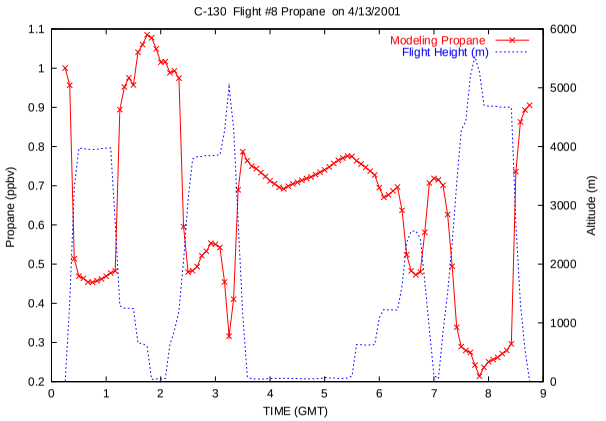

C-130 Flight #8 NO2 on 4/13/2001
Modeling NO2
Flight Height (m)
NO2 (ppbv)
Altitude (m)
TIME (GMT)

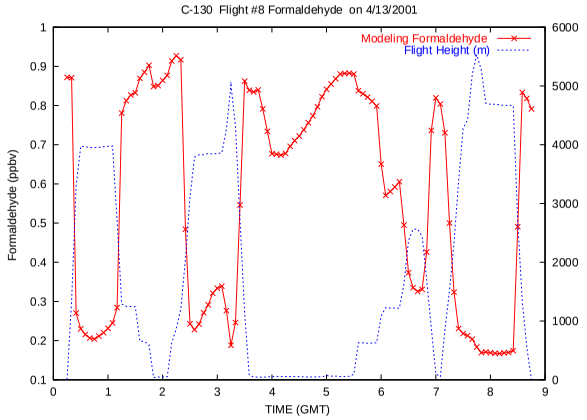

C-130 Flight #8 NOy on 4/13/2001
Modeling NOy
Flight Height (m)
NOy (ppbv)
Altitude (m)
TIME (GMT)

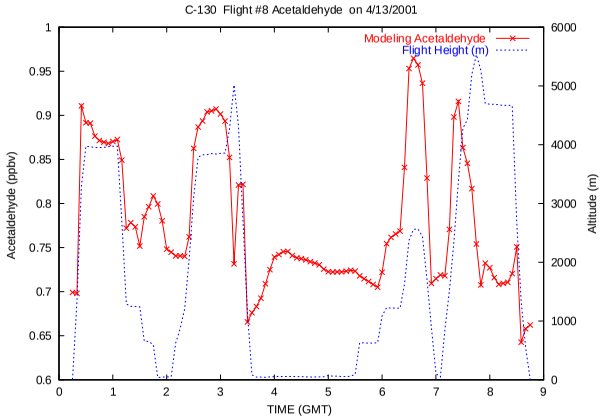

C-130 Flight #8 SO2 on 4/13/2001
Modeling SO2
Flight Height (m)
SO2 (ppbv)
Altitude (m)
TIME (GMT)

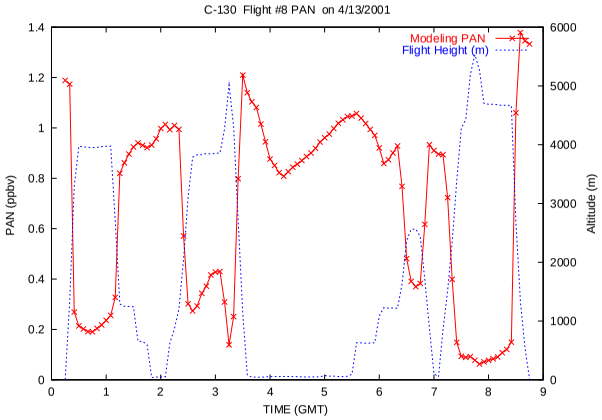

C-130 Flight #8 SO4 on 4/13/2001
Modeling SO4
Flight Height (m)
SO4 (ppbv)
Altitude (m)
TIME (GMT)

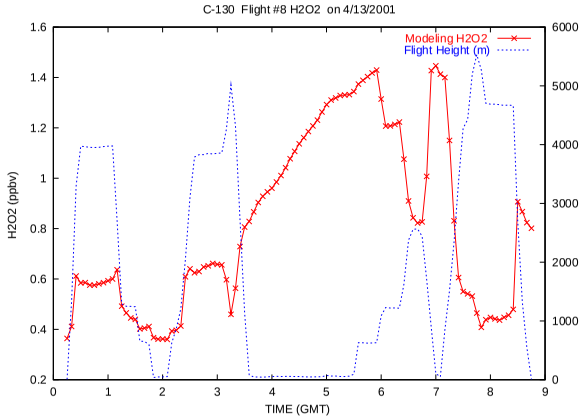

C-130 Flight #8 Ethane on 4/13/2001
Modeling Ethane
Flight Height (m)
Ethane (ppbv)
Altitude (m)
TIME (GMT)

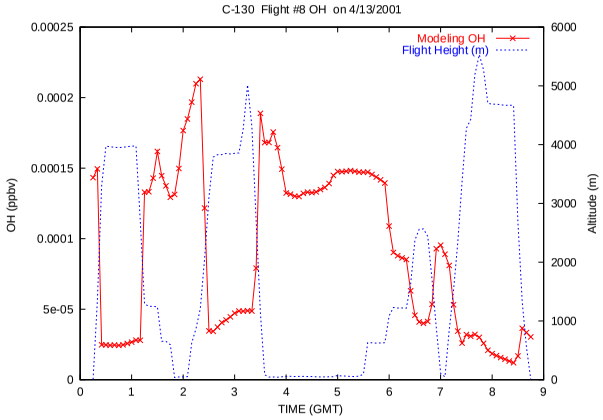

C-130 Flight #8 Propane on 4/13/2001
Modeling Propane
Flight Height (m)
Propane (ppbv)
Altitude (m)
TIME (GMT)

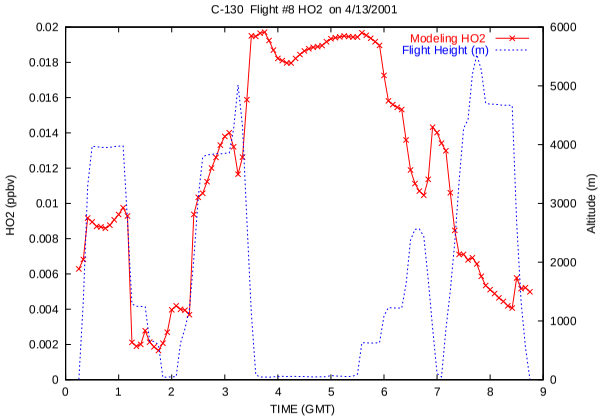

C-130 Flight #8 Formaldehyde on 4/13/2001
Modeling Formaldehyde
Flight Height (m)
Formaldehyde (ppbv)
Altitude (m)
TIME (GMT)

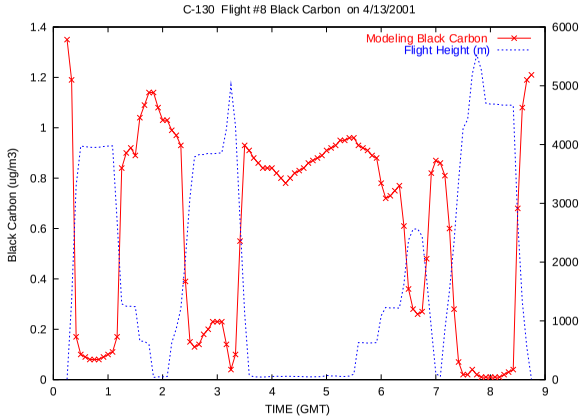

C-130 Flight #8 Acetaldehyde on 4/13/2001
Modeling Acetaldehyde
Flight Height (m)
Acetaldehyde (ppbv)
Altitude (m)
TIME (GMT)

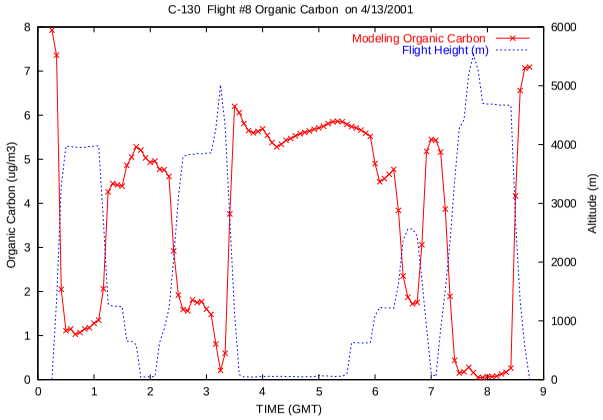

C-130 Flight #8 PAN on 4/13/2001
Modeling PAN
Flight Height (m)
PAN (ppbv)
Altitude (m)
TIME (GMT)

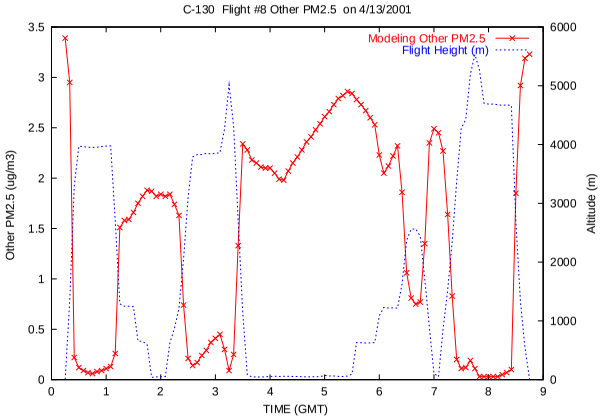

C-130 Flight #8 H2O2 on 4/13/2001
Modeling H2O2
Flight Height (m)
H2O2 (ppbv)
Altitude (m)
TIME (GMT)

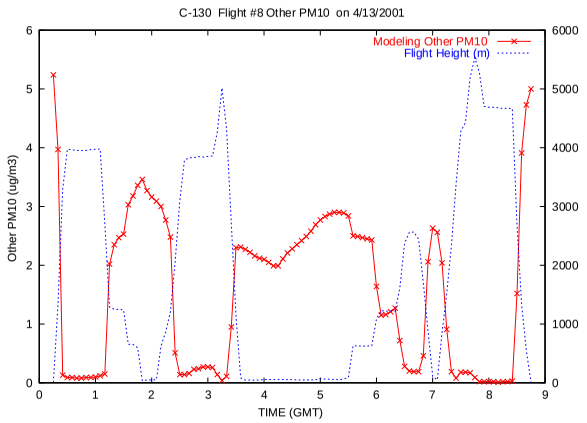

C-130 Flight #8 OH on 4/13/2001
Modeling OH
Flight Height (m)
OH (ppbv)
Altitude (m)
TIME (GMT)

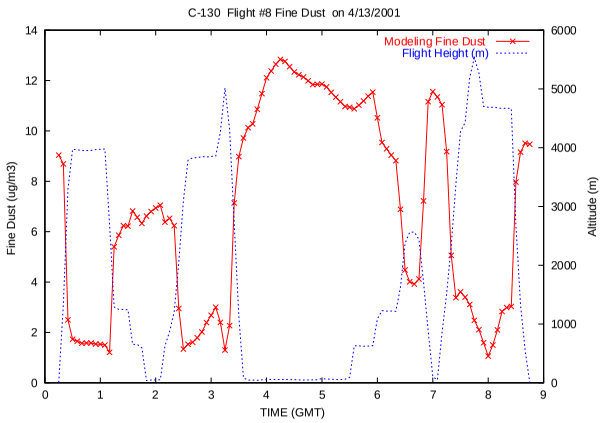

C-130 Flight #8 HO2 on 4/13/2001
Modeling HO2
Flight Height (m)
HO2 (ppbv)
Altitude (m)
TIME (GMT)

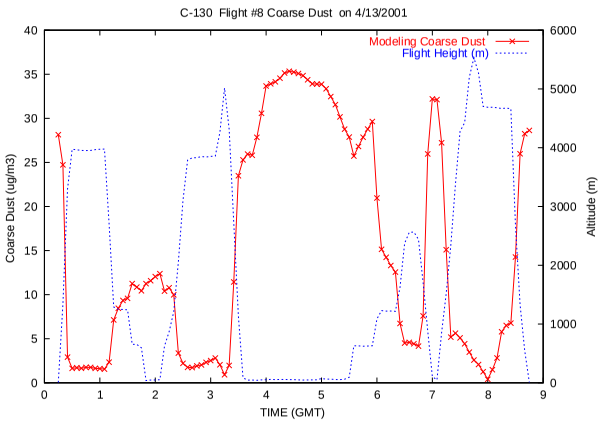

C-130 Flight #8 Black Carbon on 4/13/2001
Modeling Black Carbon
Flight Height (m)
Black Carbon (ug/m3)
Altitude (m)
TIME (GMT)

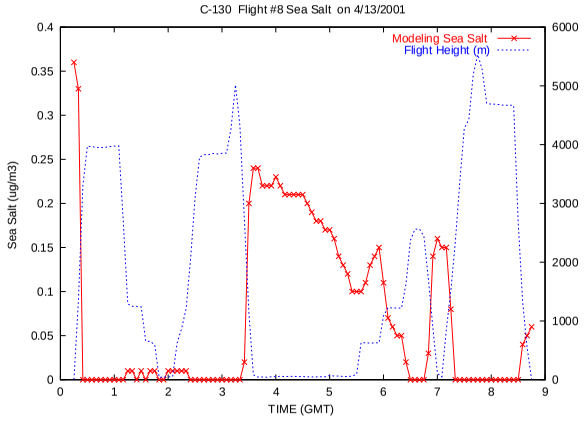

C-130 Flight #8 Organic Carbon on 4/13/2001
Modeling Organic Carbon
Flight Height (m)
Organic Carbon (ug/m3)
Altitude (m)
TIME (GMT)

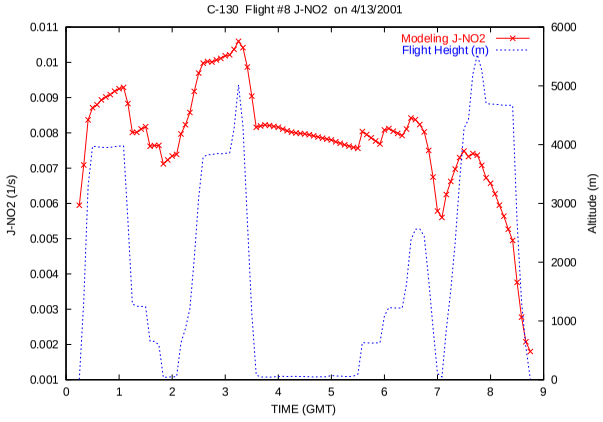

C-130 Flight #8 Other PM2.5 on 4/13/2001
Modeling Other PM2.5
Flight Height (m)
Other PM2.5 (ug/m3)
Altitude (m)
TIME (GMT)

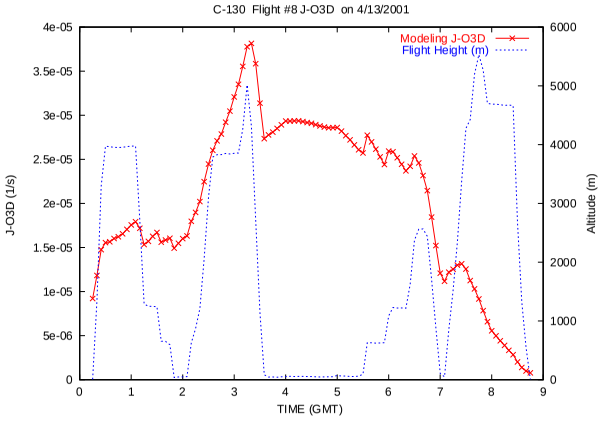

C-130 Flight #8 Other PM10 on 4/13/2001
Modeling Other PM10
Flight Height (m)
Other PM10 (ug/m3)
Altitude (m)
TIME (GMT)

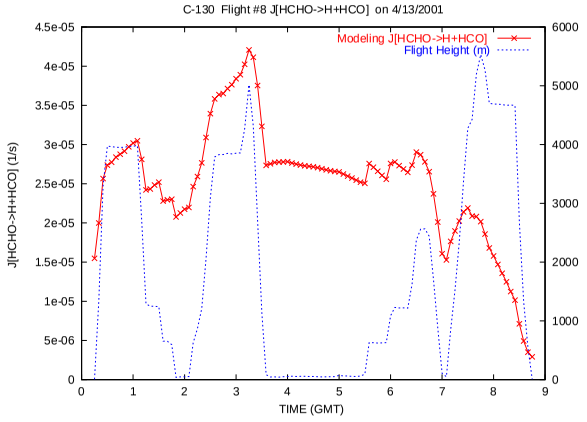

C-130 Flight #8 Fine Dust on 4/13/2001
Modeling Fine Dust
Flight Height (m)
Fine Dust (ug/m3)
Altitude (m)
TIME (GMT)

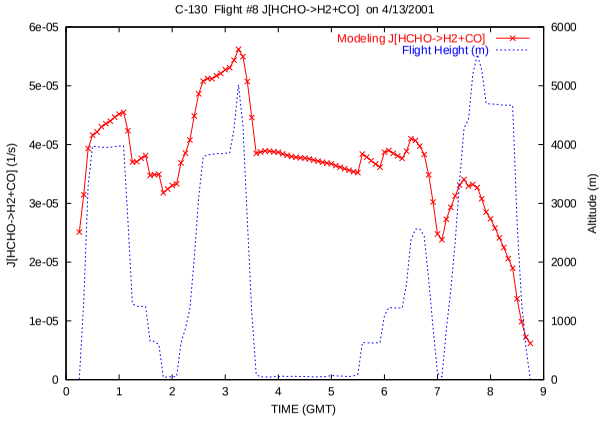

C-130 Flight #8 Coarse Dust on 4/13/2001
Modeling Coarse Dust
Flight Height (m)
Coarse Dust (ug/m3)
Altitude (m)
TIME (GMT)

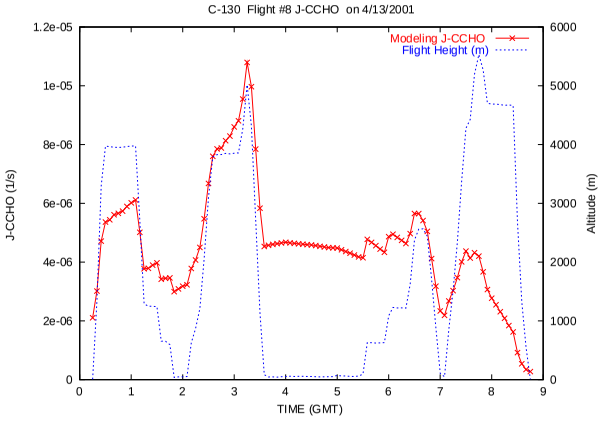

C-130 Flight #8 Sea Salt on 4/13/2001
Modeling Sea Salt
Flight Height (m)
Sea Salt (ug/m3)
Altitude (m)
TIME (GMT)

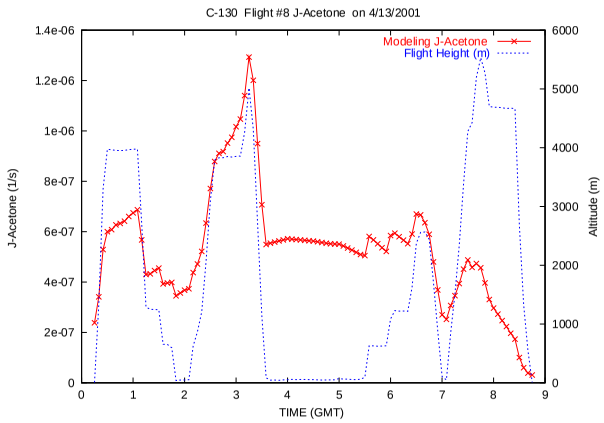

C-130 Flight #8 J-NO2 on 4/13/2001
Modeling J-NO2
Flight Height (m)
J-NO2 (1/s)
Altitude (m)
TIME (GMT)

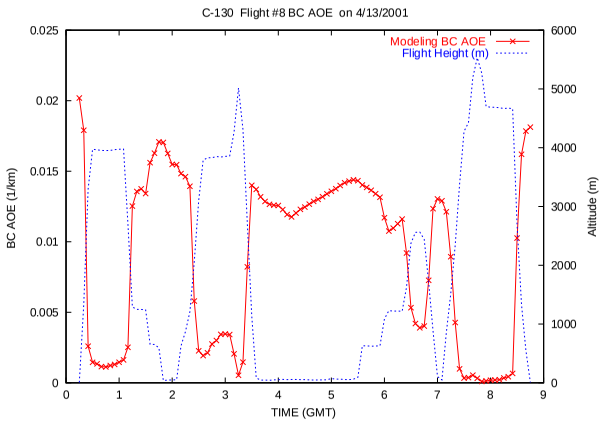

C-130 Flight #8 J-O3D on 4/13/2001
Modeling J-O3D
Flight Height (m)
J-O3D (1/s)
Altitude (m)
TIME (GMT)

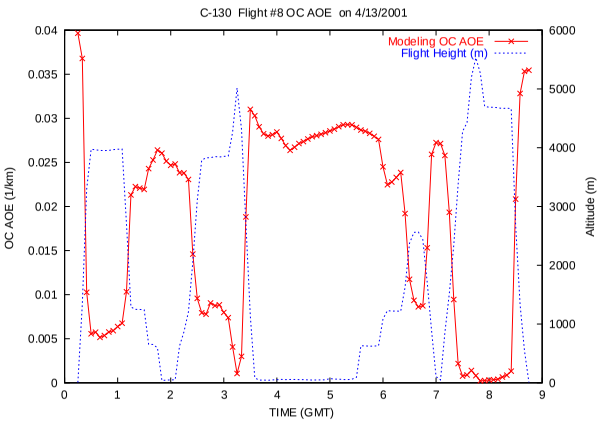

C-130 Flight #8 J[HCHO->H+HCO] on 4/13/2001
Modeling J[HCHO->H+HCO]
Flight Height (m)
J[HCHO->H+HCO] (1/s)
Altitude (m)
TIME (GMT)

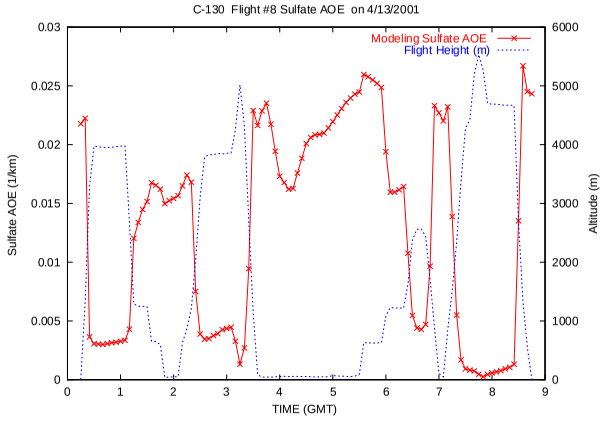

C-130 Flight #8 J[HCHO->H2+CO] on 4/13/2001
Modeling J[HCHO->H2+CO]
Flight Height (m)
J[HCHO->H2+CO] (1/s)
Altitude (m)
TIME (GMT)

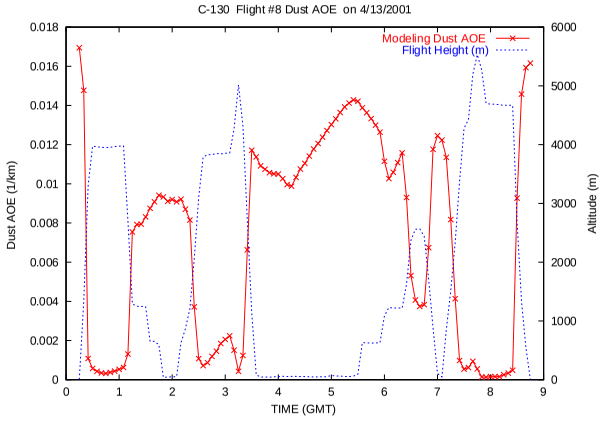

C-130 Flight #8 J-CCHO on 4/13/2001
Modeling J-CCHO
Flight Height (m)
J-CCHO (1/s)
Altitude (m)
TIME (GMT)

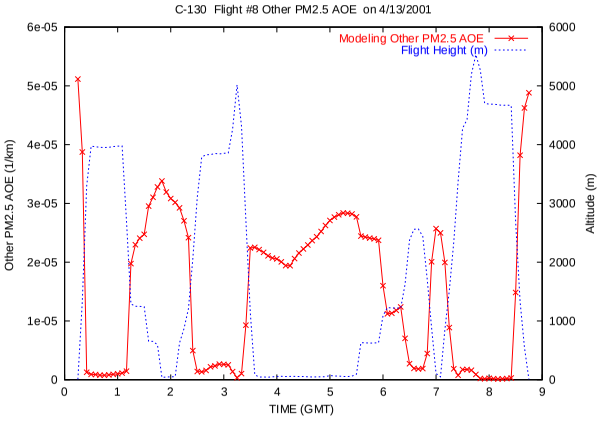

C-130 Flight #8 J-Acetone on 4/13/2001
Modeling J-Acetone
Flight Height (m)
J-Acetone (1/s)
Altitude (m)
TIME (GMT)

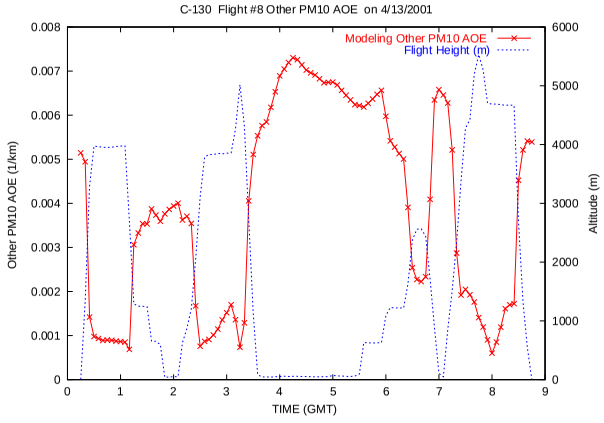

C-130 Flight #8 BC AOE on 4/13/2001
Modeling BC AOE
Flight Height (m)
BC AOE (1/km)
Altitude (m)
TIME (GMT)

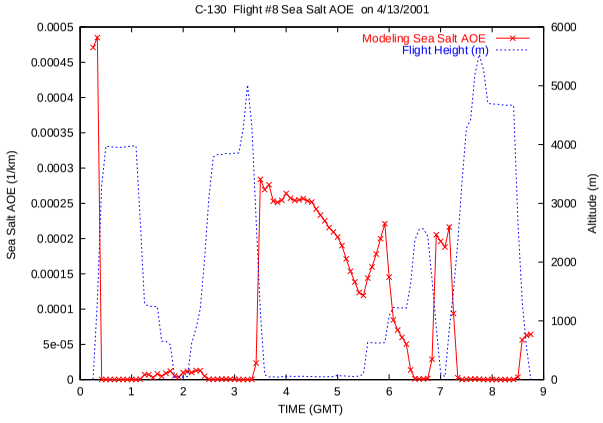

C-130 Flight #8 OC AOE on 4/13/2001
Modeling OC AOE
Flight Height (m)
OC AOE (1/km)
Altitude (m)
TIME (GMT)

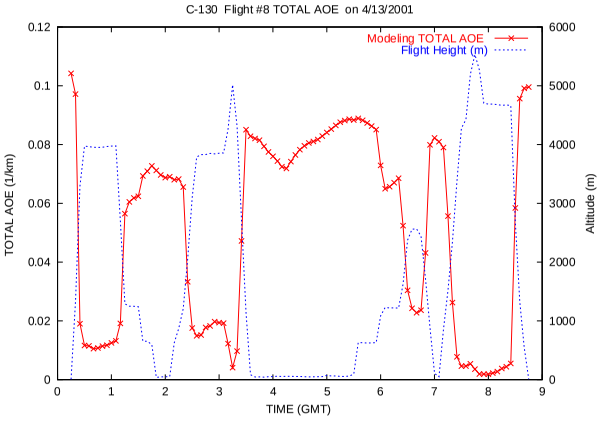

C-130 Flight #8 Sulfate AOE on 4/13/2001
Modeling Sulfate AOE
Flight Height (m)
Sulfate AOE (1/km)
Altitude (m)
TIME (GMT)


C-130 Flight #8 Dust AOE on 4/13/2001
Modeling Dust AOE
Flight Height (m)
Dust AOE (1/km)
Altitude (m)
TIME (GMT)

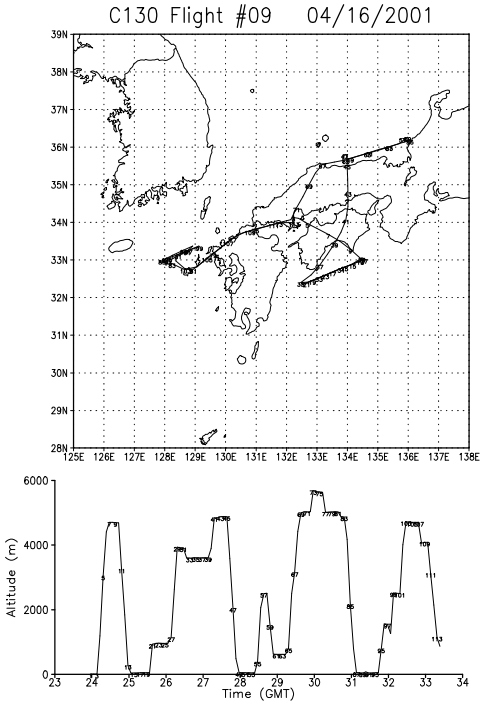

C-130 Flight #8 Other PM2.5 AOE on 4/13/2001
Modeling Other PM2.5 AOE
Flight Height (m)
Other PM2.5 AOE (1/km)
Altitude (m)
TIME (GMT)

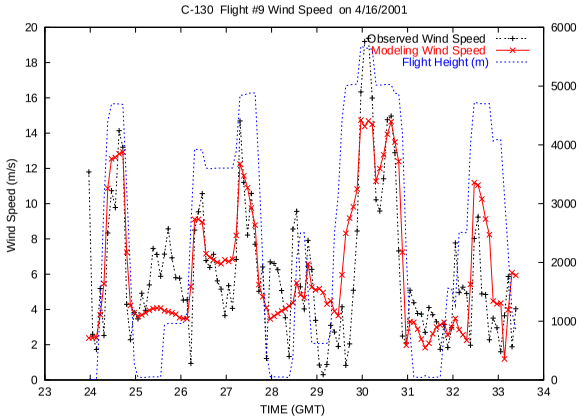

C-130 Flight #8 Other PM10 AOE on 4/13/2001
Modeling Other PM10 AOE
Flight Height (m)
Other PM10 AOE (1/km)
Altitude (m)
TIME (GMT)

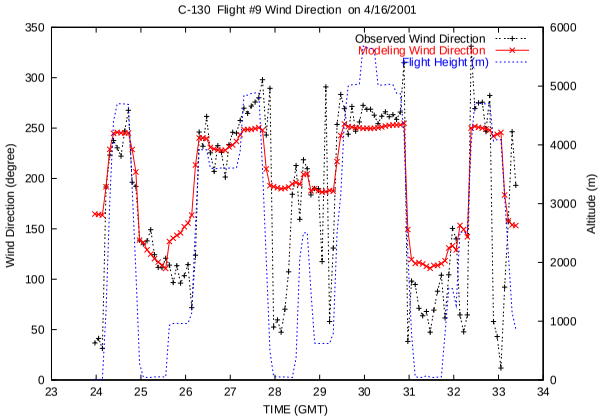

C-130 Flight #8 Sea Salt AOE on 4/13/2001
Modeling Sea Salt AOE
Flight Height (m)
Sea Salt AOE (1/km)
Altitude (m)
TIME (GMT)

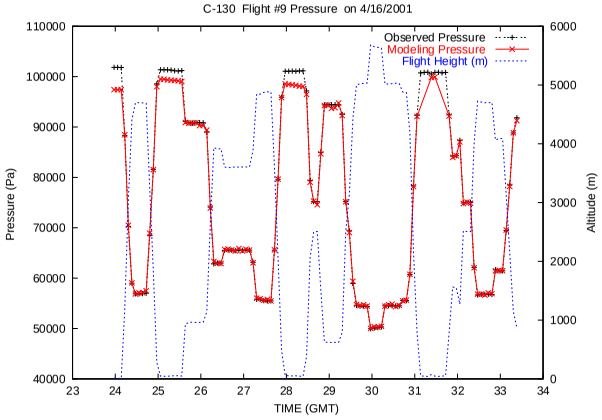

C-130 Flight #8 TOTAL AOE on 4/13/2001
Modeling TOTAL AOE
Flight Height (m)
TOTAL AOE (1/km)
Altitude (m)
TIME (GMT)

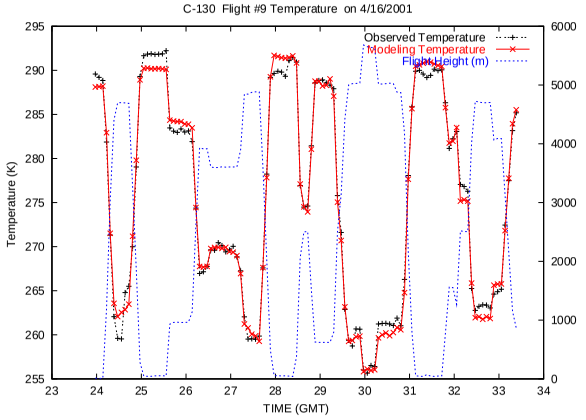
ACE-ASIA C-130 Flight #9

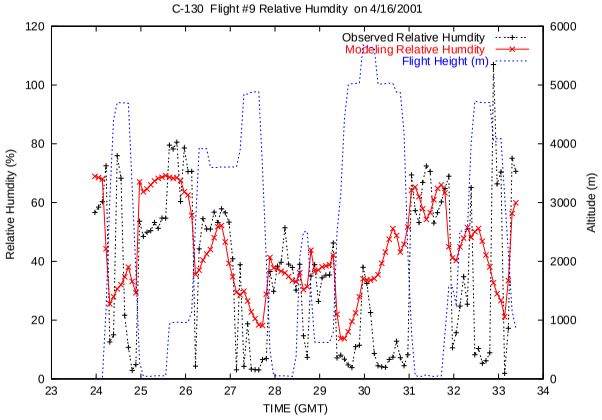


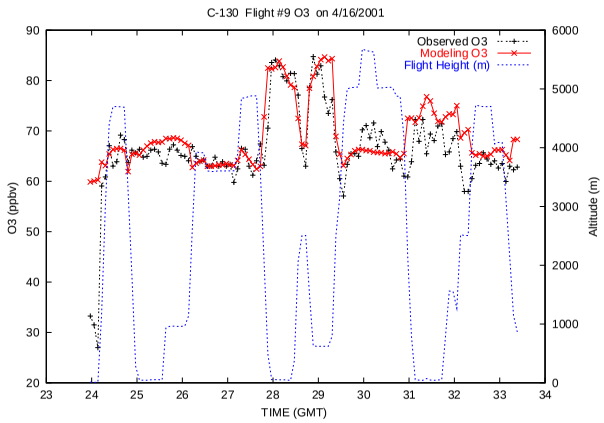


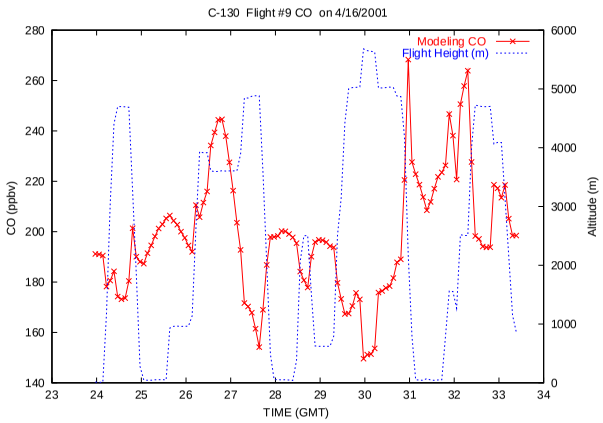


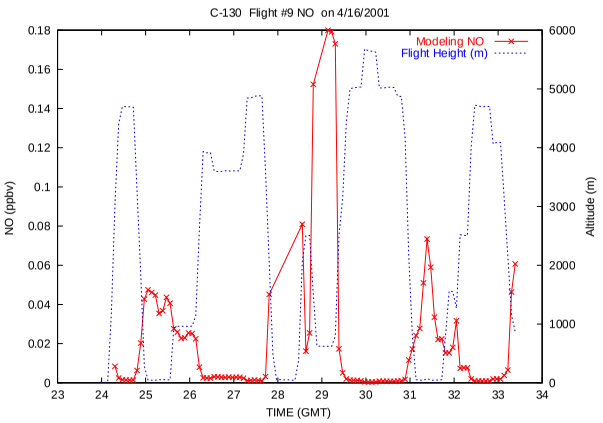


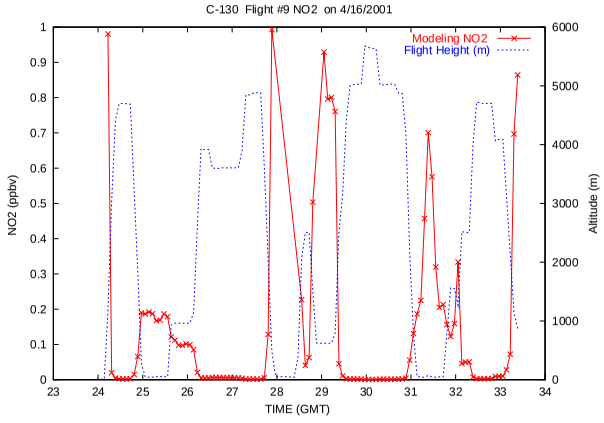


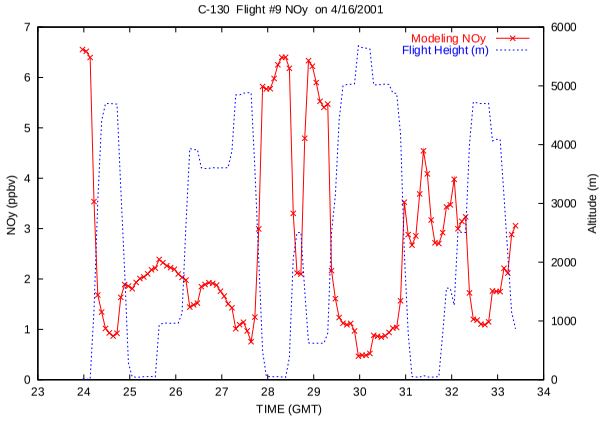


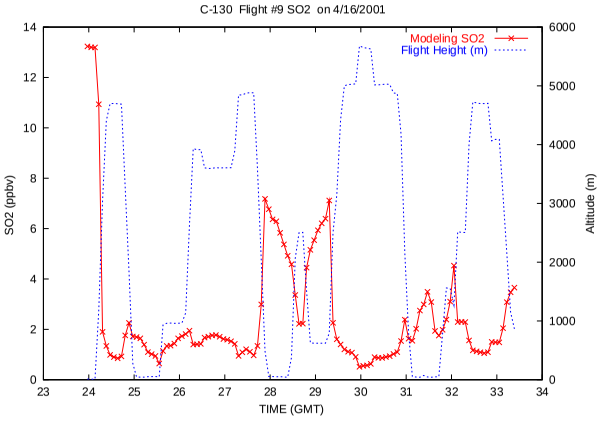

C-130 Flight #9 O3 on 4/16/2001
Observed O3
Modeling O3
Flight Height (m)
O3 (ppbv)
Altitude (m)
TIME (GMT)

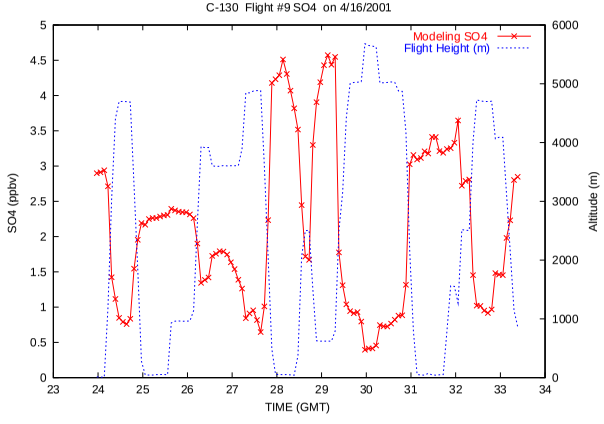

C-130 Flight #9 CO on 4/16/2001
Modeling CO
Flight Height (m)
CO (ppbv)
Altitude (m)
TIME (GMT)

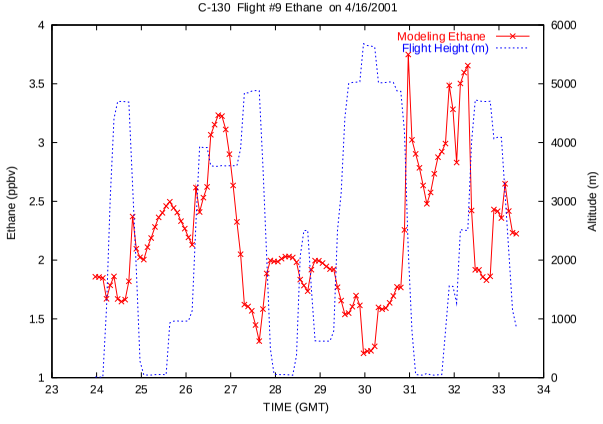

C-130 Flight #9 NO on 4/16/2001
Modeling NO
Flight Height (m)
NO (ppbv)
Altitude (m)
TIME (GMT)

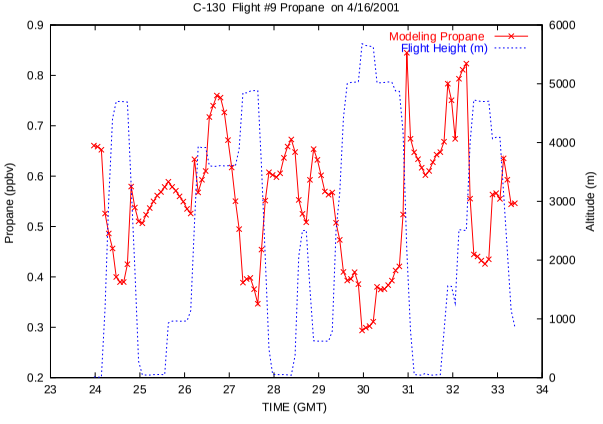

C-130 Flight #9 NO2 on 4/16/2001
Modeling NO2
Flight Height (m)
NO2 (ppbv)
Altitude (m)
TIME (GMT)

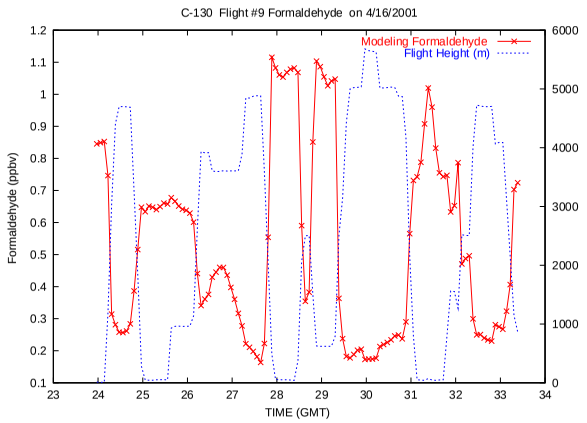

C-130 Flight #9 NOy on 4/16/2001
Modeling NOy
Flight Height (m)
NOy (ppbv)
Altitude (m)
TIME (GMT)

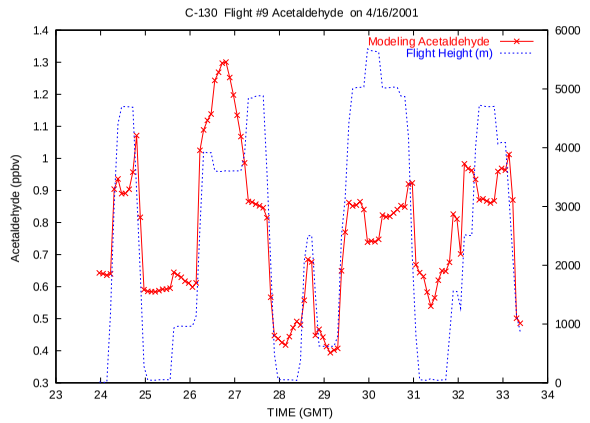

C-130 Flight #9 SO2 on 4/16/2001
Modeling SO2
Flight Height (m)
SO2 (ppbv)
Altitude (m)
TIME (GMT)

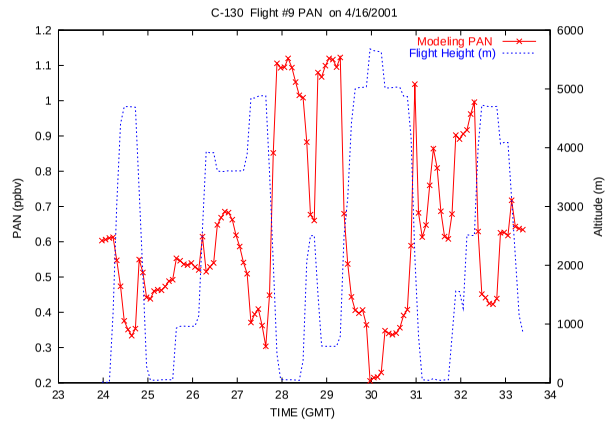

C-130 Flight #9 SO4 on 4/16/2001
Modeling SO4
Flight Height (m)
SO4 (ppbv)
Altitude (m)
TIME (GMT)

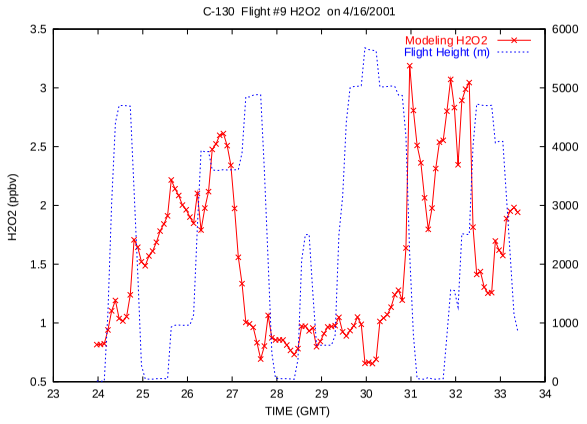

C-130 Flight #9 Ethane on 4/16/2001
Modeling Ethane
Flight Height (m)
Ethane (ppbv)
Altitude (m)
TIME (GMT)

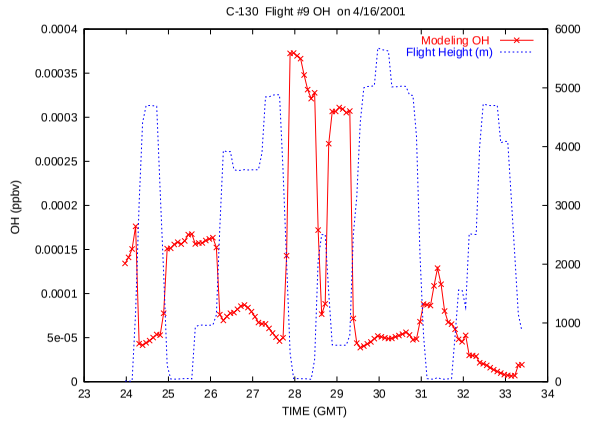

C-130 Flight #9 Propane on 4/16/2001
Modeling Propane
Flight Height (m)
Propane (ppbv)
Altitude (m)
TIME (GMT)

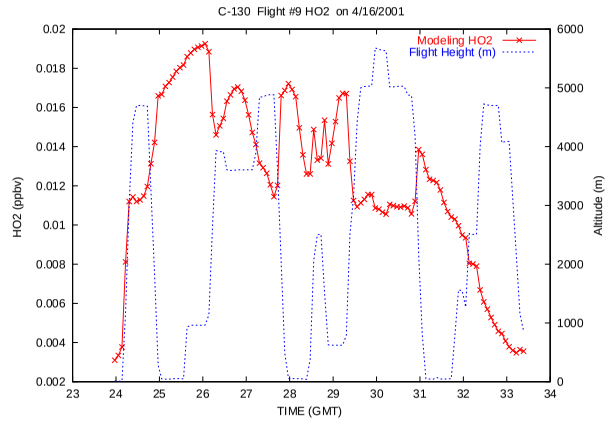

C-130 Flight #9 Formaldehyde on 4/16/2001
Modeling Formaldehyde
Flight Height (m)
Formaldehyde (ppbv)
Altitude (m)
TIME (GMT)

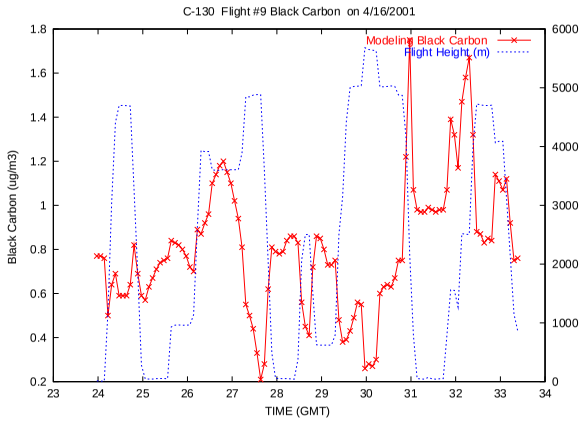

C-130 Flight #9 Acetaldehyde on 4/16/2001
Modeling Acetaldehyde
Flight Height (m)
Acetaldehyde (ppbv)
Altitude (m)
TIME (GMT)

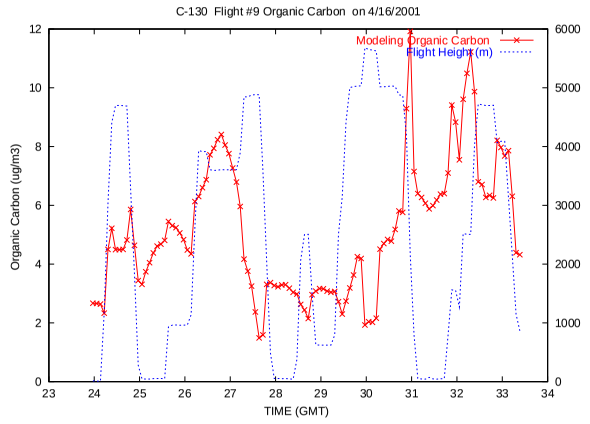

C-130 Flight #9 PAN on 4/16/2001
Modeling PAN
Flight Height (m)
PAN (ppbv)
Altitude (m)
TIME (GMT)

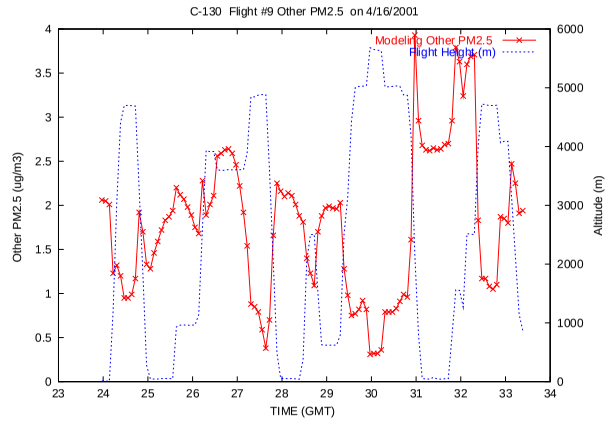

C-130 Flight #9 H2O2 on 4/16/2001
Modeling H2O2
Flight Height (m)
H2O2 (ppbv)
Altitude (m)
TIME (GMT)

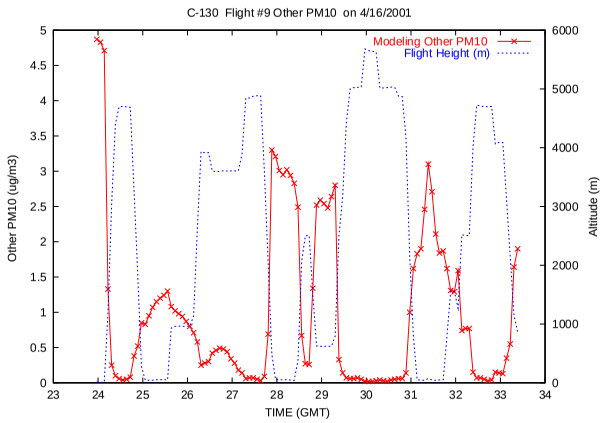

C-130 Flight #9 OH on 4/16/2001
Modeling OH
Flight Height (m)
OH (ppbv)
Altitude (m)
TIME (GMT)

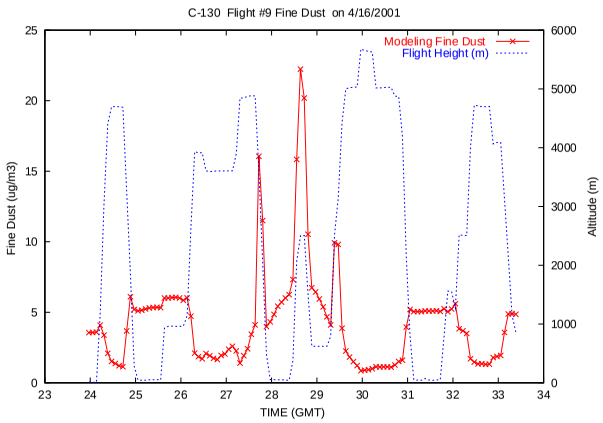

C-130 Flight #9 HO2 on 4/16/2001
Modeling HO2
Flight Height (m)
HO2 (ppbv)
Altitude (m)
TIME (GMT)

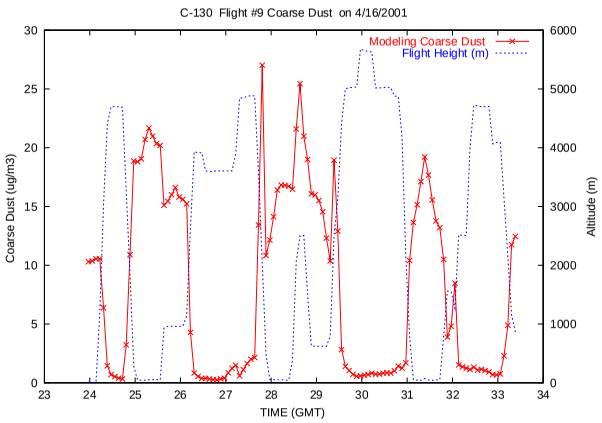

C-130 Flight #9 Black Carbon on 4/16/2001
Modeling Black Carbon
Flight Height (m)
Black Carbon (ug/m3)
Altitude (m)
TIME (GMT)

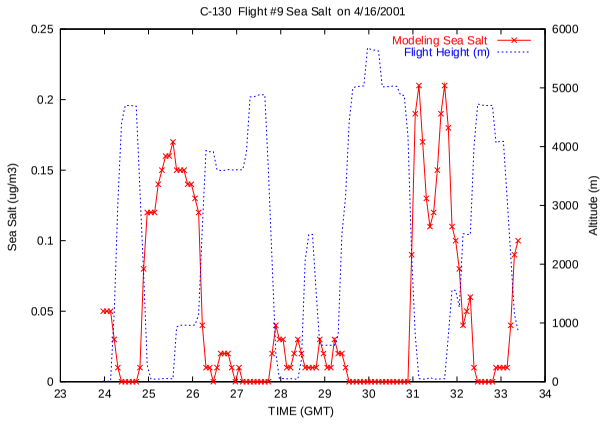

C-130 Flight #9 Organic Carbon on 4/16/2001
Modeling Organic Carbon
Flight Height (m)
Organic Carbon (ug/m3)
Altitude (m)
TIME (GMT)

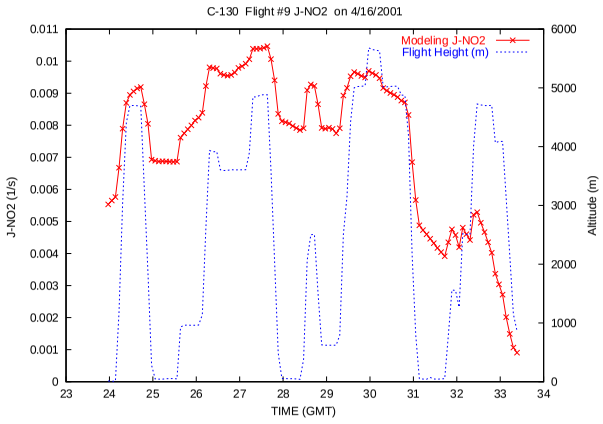

C-130 Flight #9 Other PM2.5 on 4/16/2001
Modeling Other PM2.5
Flight Height (m)
Other PM2.5 (ug/m3)
Altitude (m)
TIME (GMT)

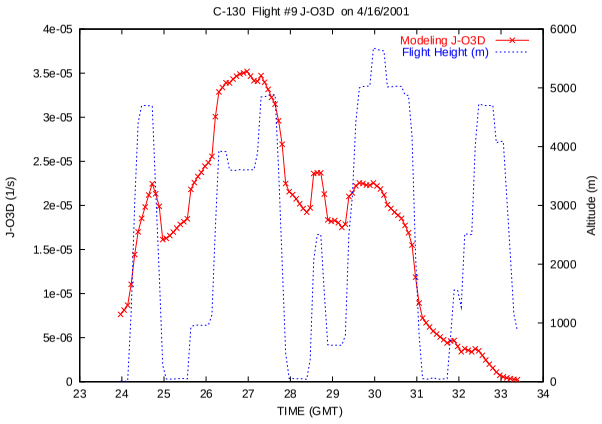

C-130 Flight #9 Other PM10 on 4/16/2001
Modeling Other PM10
Flight Height (m)
Other PM10 (ug/m3)
Altitude (m)
TIME (GMT)

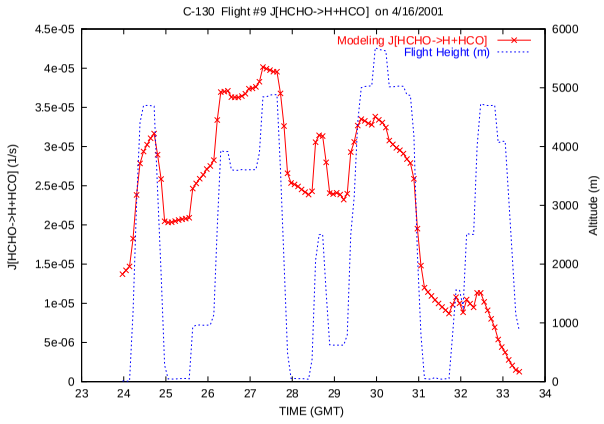

C-130 Flight #9 Fine Dust on 4/16/2001
Modeling Fine Dust
Flight Height (m)
Fine Dust (ug/m3)
Altitude (m)
TIME (GMT)

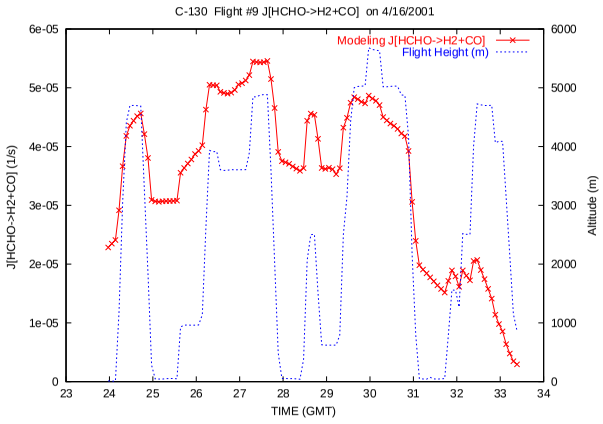

C-130 Flight #9 Coarse Dust on 4/16/2001
Modeling Coarse Dust
Flight Height (m)
Coarse Dust (ug/m3)
Altitude (m)
TIME (GMT)

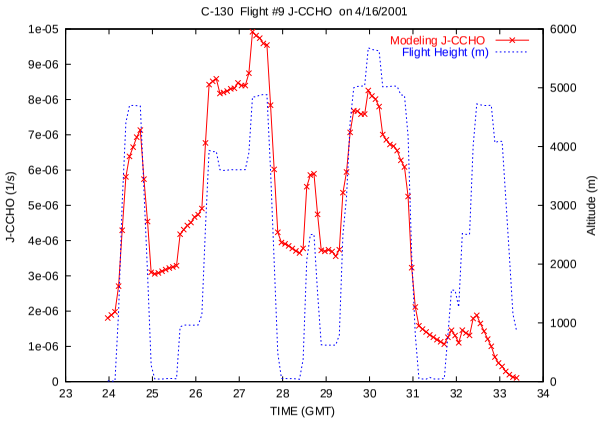

C-130 Flight #9 Sea Salt on 4/16/2001
Modeling Sea Salt
Flight Height (m)
Sea Salt (ug/m3)
Altitude (m)
TIME (GMT)

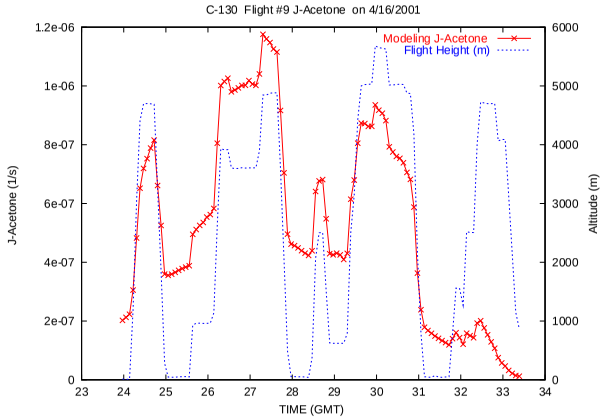

C-130 Flight #9 J-NO2 on 4/16/2001
Modeling J-NO2
Flight Height (m)
J-NO2 (1/s)
Altitude (m)
TIME (GMT)

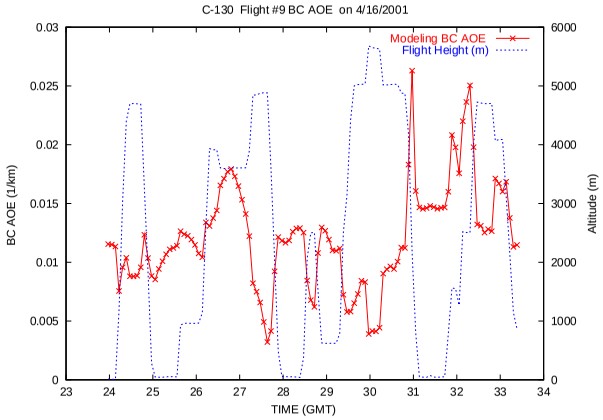

C-130 Flight #9 J-O3D on 4/16/2001
Modeling J-O3D
Flight Height (m)
J-O3D (1/s)
Altitude (m)
TIME (GMT)

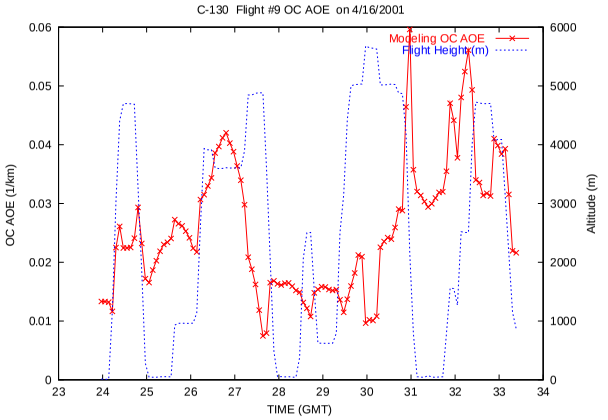

C-130 Flight #9 J[HCHO->H+HCO] on 4/16/2001
Modeling J[HCHO->H+HCO]
Flight Height (m)
J[HCHO->H+HCO] (1/s)
Altitude (m)
TIME (GMT)

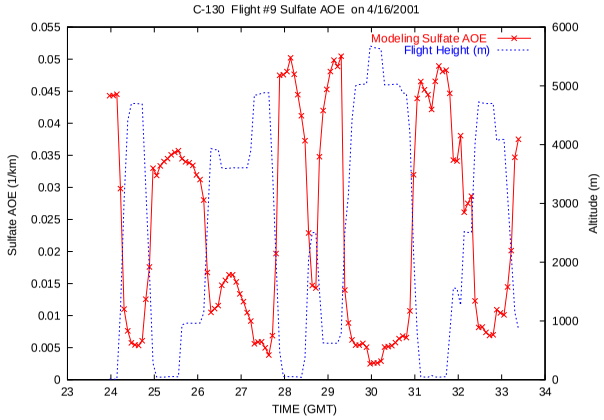

C-130 Flight #9 J[HCHO->H2+CO] on 4/16/2001
Modeling J[HCHO->H2+CO]
Flight Height (m)
J[HCHO->H2+CO] (1/s)
Altitude (m)
TIME (GMT)

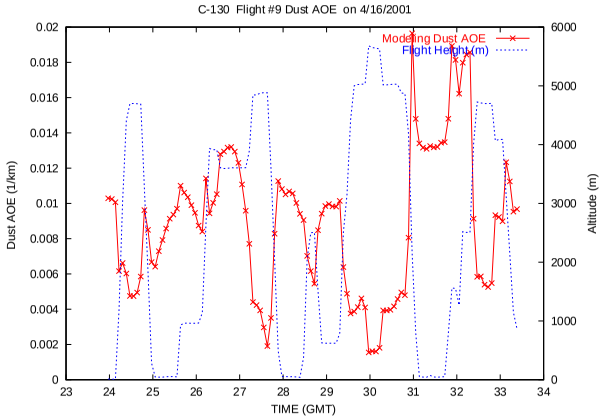

C-130 Flight #9 J-CCHO on 4/16/2001
Modeling J-CCHO
Flight Height (m)
J-CCHO (1/s)
Altitude (m)
TIME (GMT)

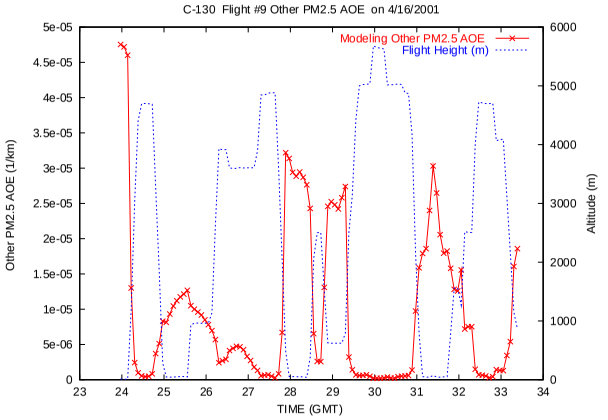

C-130 Flight #9 J-Acetone on 4/16/2001
Modeling J-Acetone
Flight Height (m)
J-Acetone (1/s)
Altitude (m)
TIME (GMT)

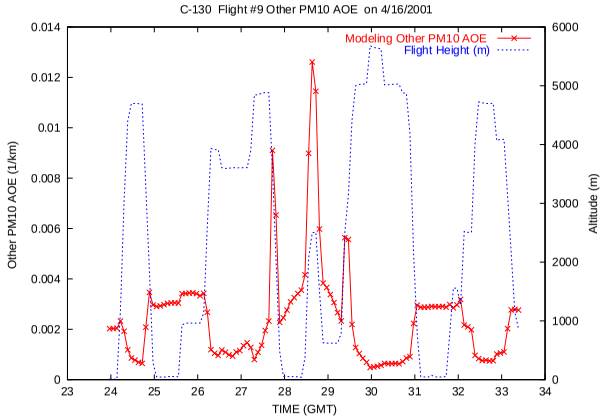

C-130 Flight #9 BC AOE on 4/16/2001
Modeling BC AOE
Flight Height (m)
BC AOE (1/km)
Altitude (m)
TIME (GMT)

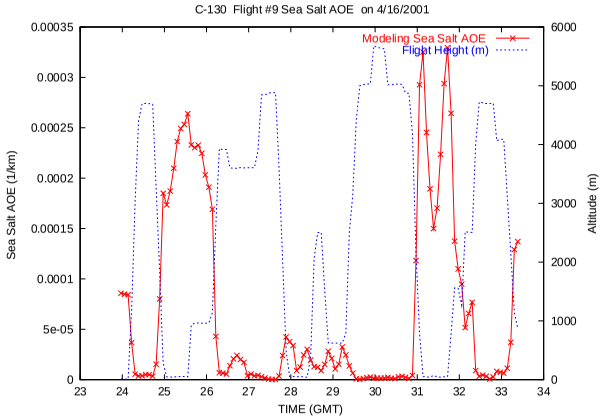

C-130 Flight #9 OC AOE on 4/16/2001
Modeling OC AOE
Flight Height (m)
OC AOE (1/km)
Altitude (m)
TIME (GMT)

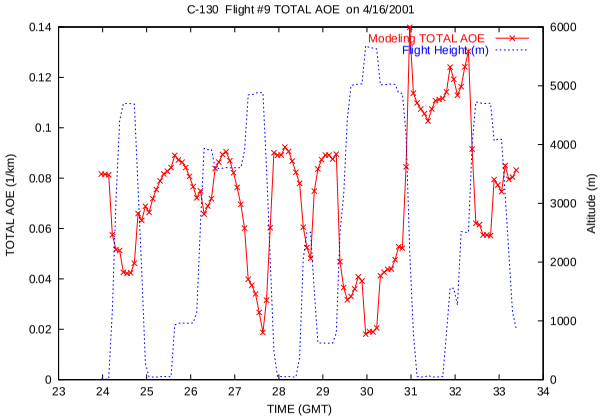

C-130 Flight #9 Sulfate AOE on 4/16/2001
Modeling Sulfate AOE
Flight Height (m)
Sulfate AOE (1/km)
Altitude (m)
TIME (GMT)


C-130 Flight #9 Dust AOE on 4/16/2001
Modeling Dust AOE
Flight Height (m)
Dust AOE (1/km)
Altitude (m)
TIME (GMT)

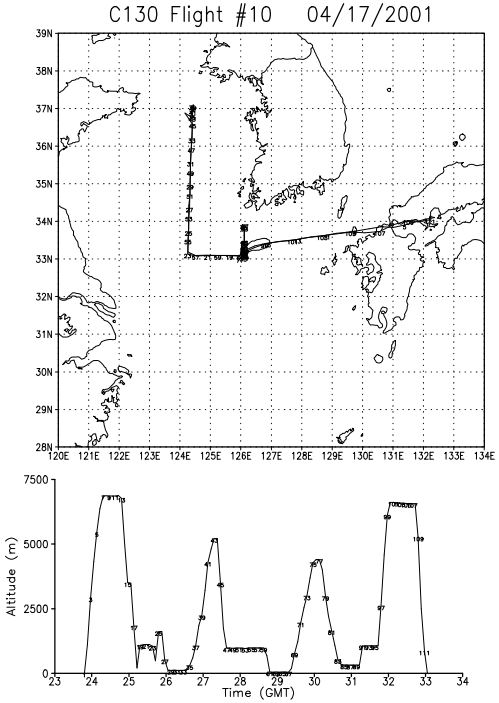

C-130 Flight #9 Other PM2.5 AOE on 4/16/2001
Modeling Other PM2.5 AOE
Flight Height (m)
Other PM2.5 AOE (1/km)
Altitude (m)
TIME (GMT)

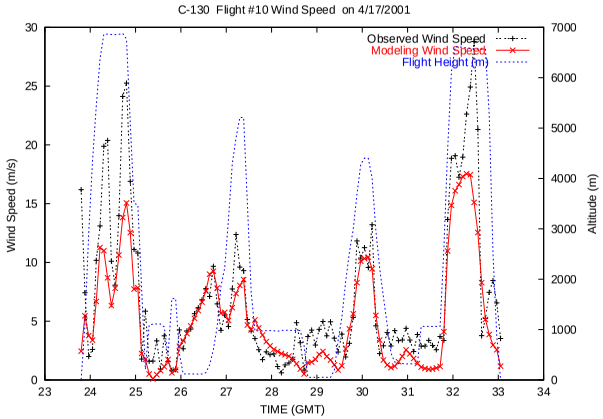

C-130 Flight #9 Other PM10 AOE on 4/16/2001
Modeling Other PM10 AOE
Flight Height (m)
Other PM10 AOE (1/km)
Altitude (m)
TIME (GMT)

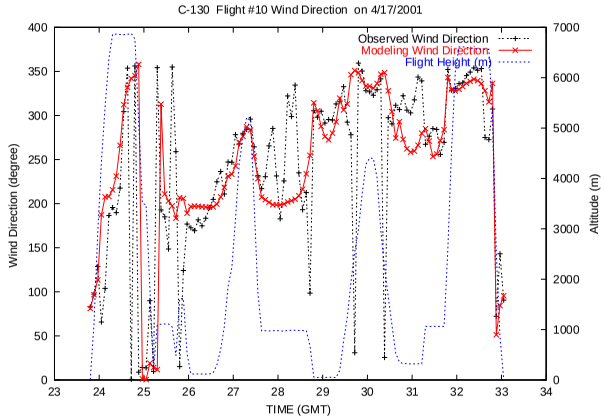

C-130 Flight #9 Sea Salt AOE on 4/16/2001
Modeling Sea Salt AOE
Flight Height (m)
Sea Salt AOE (1/km)
Altitude (m)
TIME (GMT)

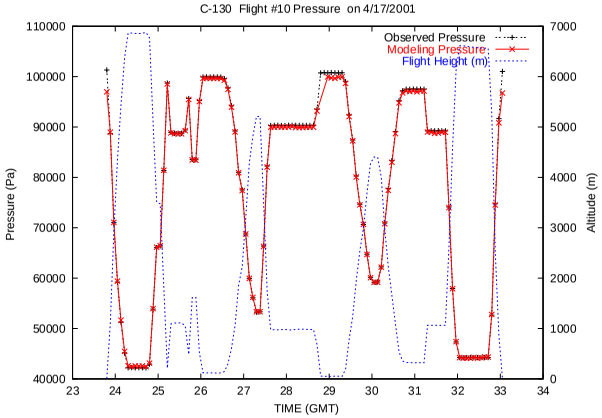

C-130 Flight #9 TOTAL AOE on 4/16/2001
Modeling TOTAL AOE
Flight Height (m)
TOTAL AOE (1/km)
Altitude (m)
TIME (GMT)

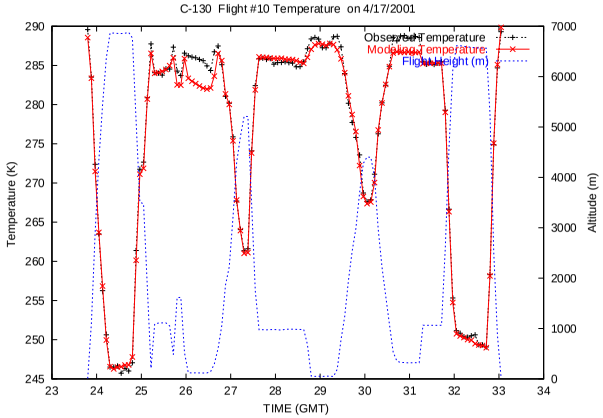
ACE-ASIA C-130 Flight #10

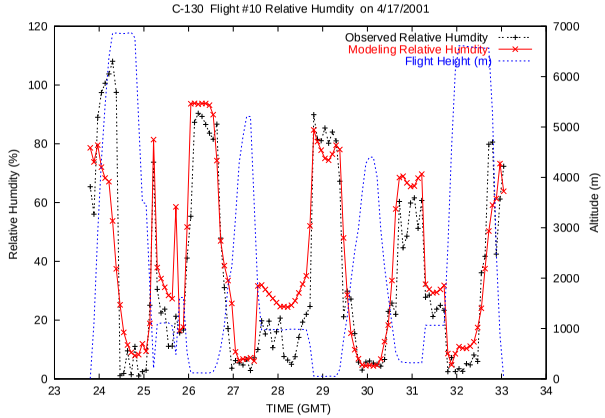


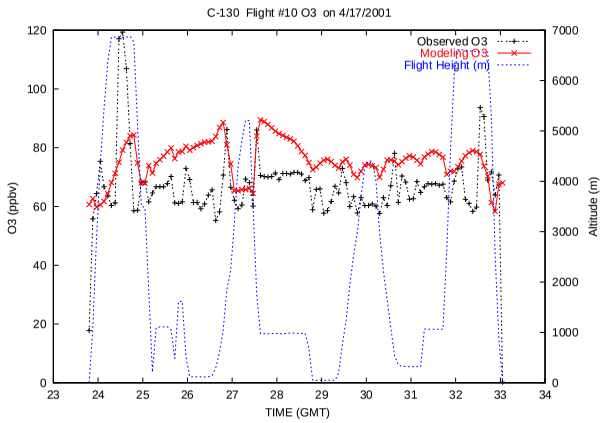


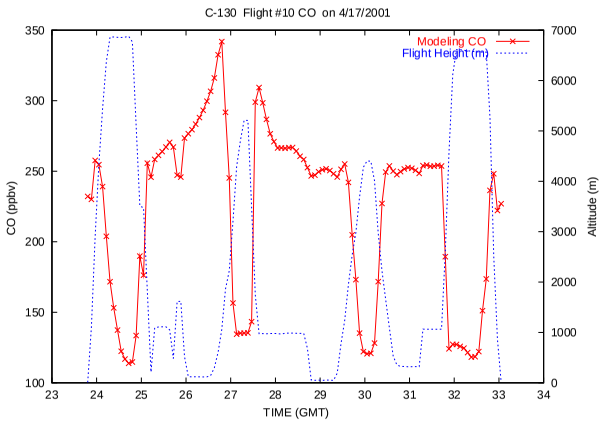


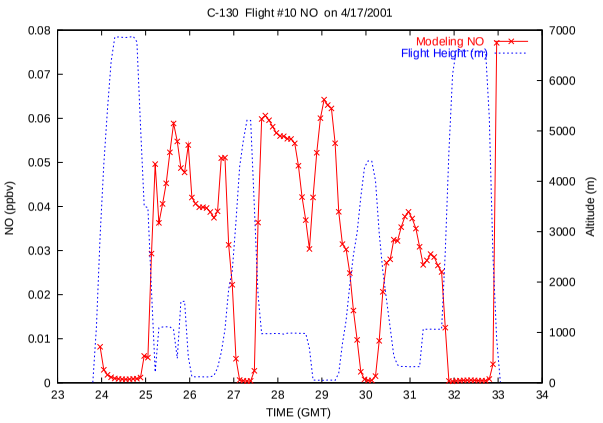


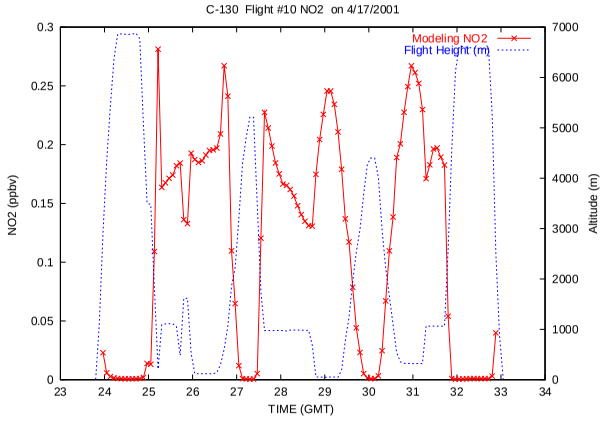


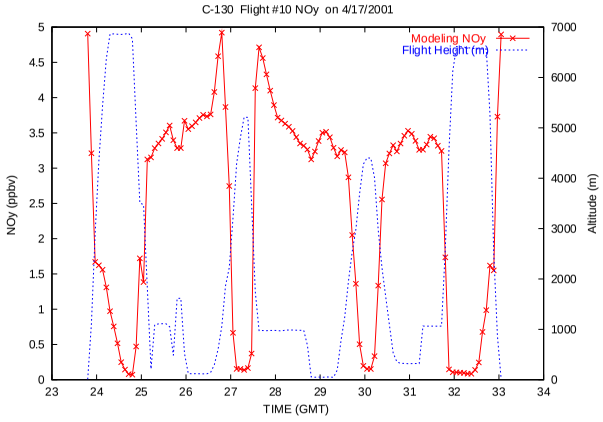


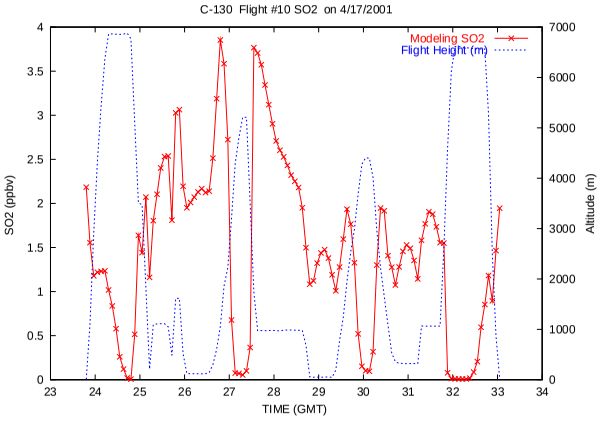

C-130 Flight #10 O3 on 4/17/2001
Observed O3
Modeling O3
Flight Height (m)
O3 (ppbv)
Altitude (m)
TIME (GMT)

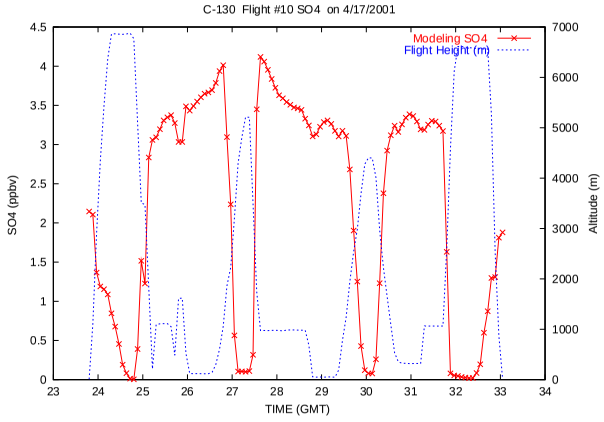

C-130 Flight #10 CO on 4/17/2001
Modeling CO
Flight Height (m)
CO (ppbv)
Altitude (m)
TIME (GMT)

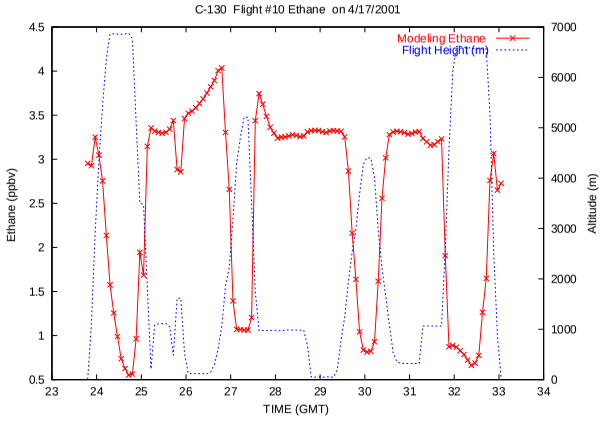

C-130 Flight #10 NO on 4/17/2001
Modeling NO
Flight Height (m)
NO (ppbv)
Altitude (m)
TIME (GMT)

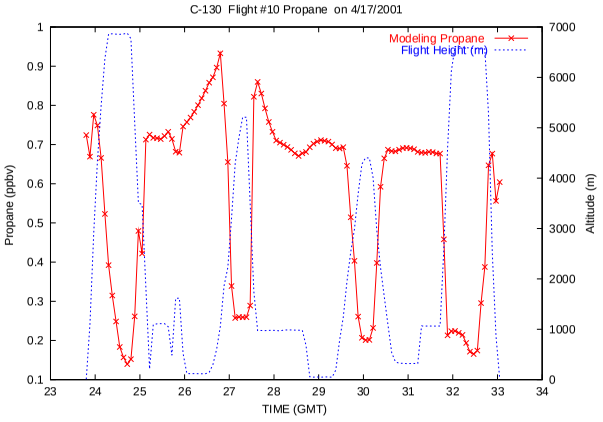

C-130 Flight #10 NO2 on 4/17/2001
Modeling NO2
Flight Height (m)
NO2 (ppbv)
Altitude (m)
TIME (GMT)

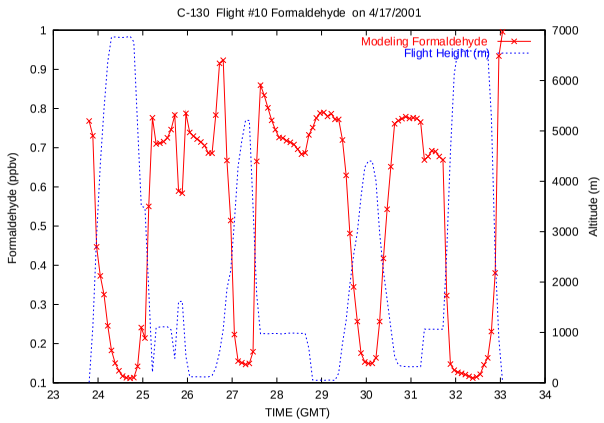

C-130 Flight #10 NOy on 4/17/2001
Modeling NOy
Flight Height (m)
NOy (ppbv)
Altitude (m)
TIME (GMT)

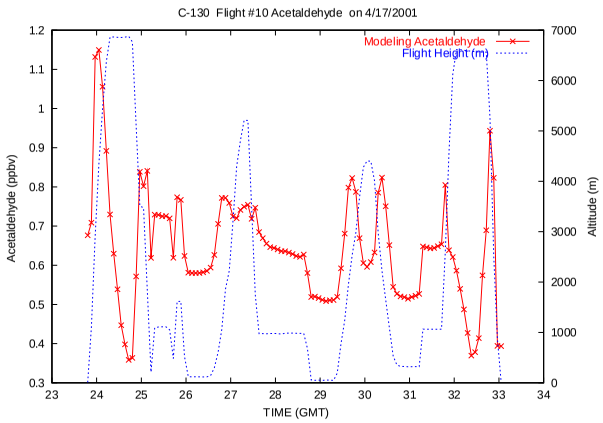

C-130 Flight #10 SO2 on 4/17/2001
Modeling SO2
Flight Height (m)
SO2 (ppbv)
Altitude (m)
TIME (GMT)

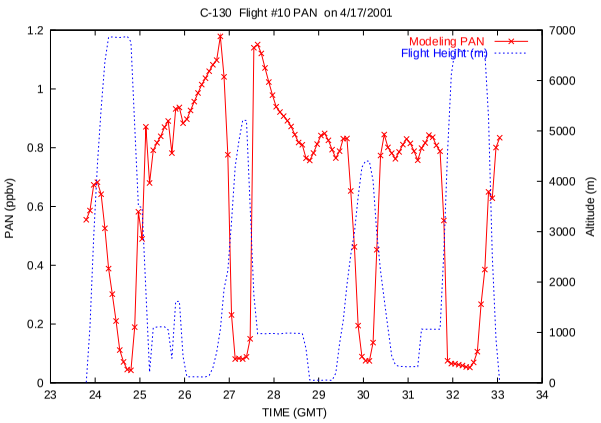

C-130 Flight #10 SO4 on 4/17/2001
Modeling SO4
Flight Height (m)
SO4 (ppbv)
Altitude (m)
TIME (GMT)

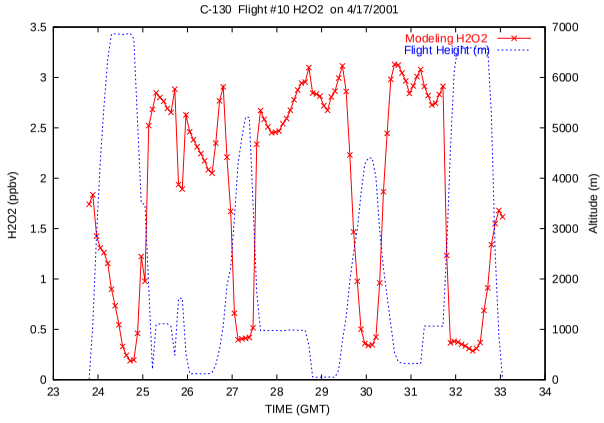

C-130 Flight #10 Ethane on 4/17/2001
Modeling Ethane
Flight Height (m)
Ethane (ppbv)
Altitude (m)
TIME (GMT)

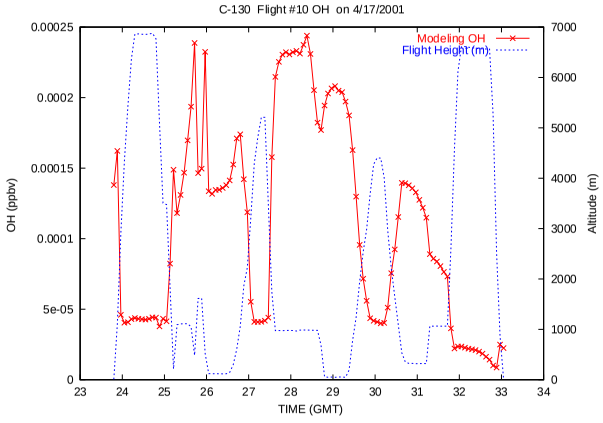

C-130 Flight #10 Propane on 4/17/2001
Modeling Propane
Flight Height (m)
Propane (ppbv)
Altitude (m)
TIME (GMT)

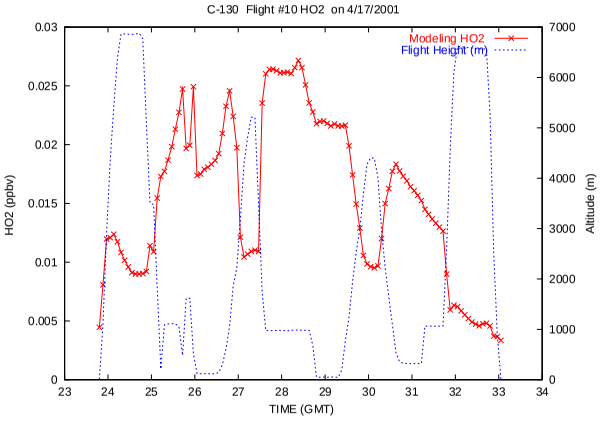

C-130 Flight #10 Formaldehyde on 4/17/2001
Modeling Formaldehyde
Flight Height (m)
Formaldehyde (ppbv)
Altitude (m)
TIME (GMT)

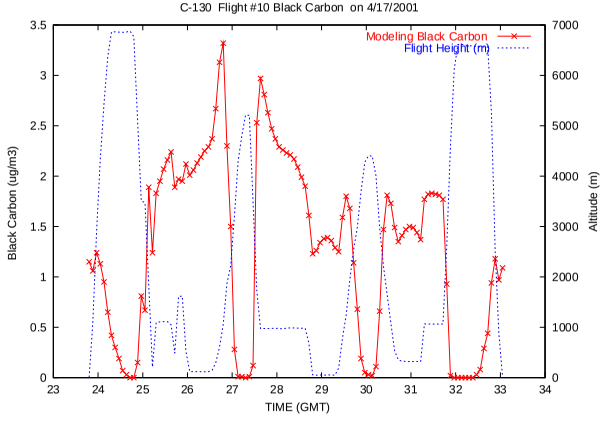

C-130 Flight #10 Acetaldehyde on 4/17/2001
Modeling Acetaldehyde
Flight Height (m)
Acetaldehyde (ppbv)
Altitude (m)
TIME (GMT)

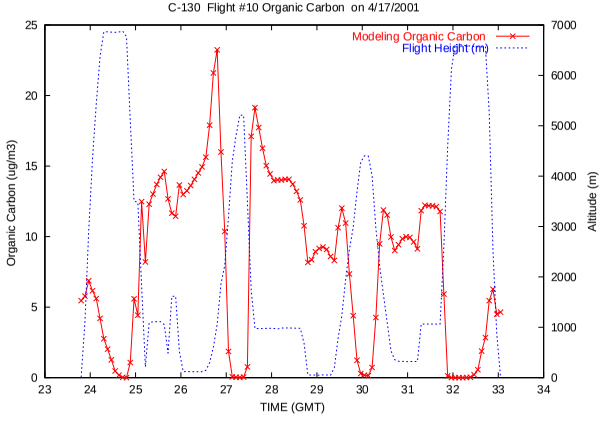

C-130 Flight #10 PAN on 4/17/2001
Modeling PAN
Flight Height (m)
PAN (ppbv)
Altitude (m)
TIME (GMT)

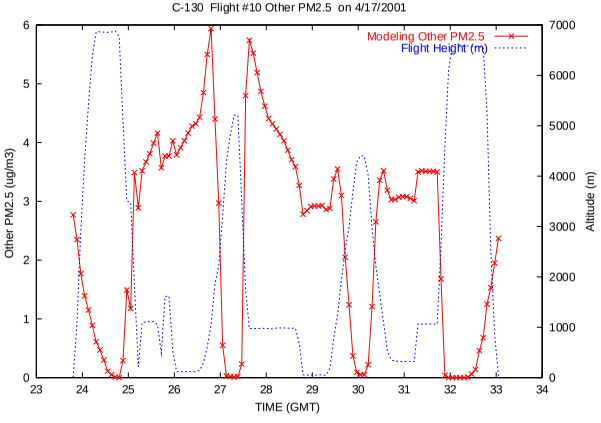

C-130 Flight #10 H2O2 on 4/17/2001
Modeling H2O2
Flight Height (m)
H2O2 (ppbv)
Altitude (m)
TIME (GMT)

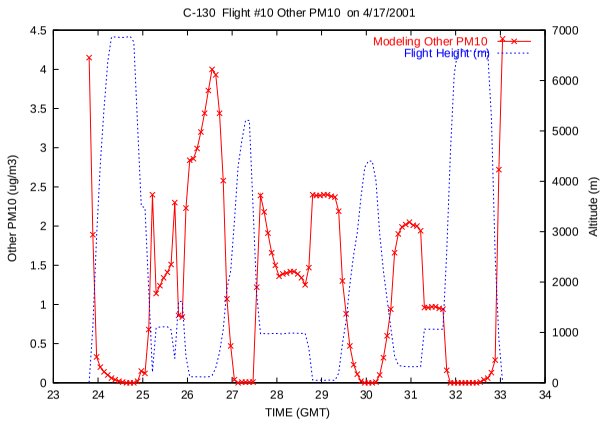

C-130 Flight #10 OH on 4/17/2001
Modeling OH
Flight Height (m)
OH (ppbv)
Altitude (m)
TIME (GMT)

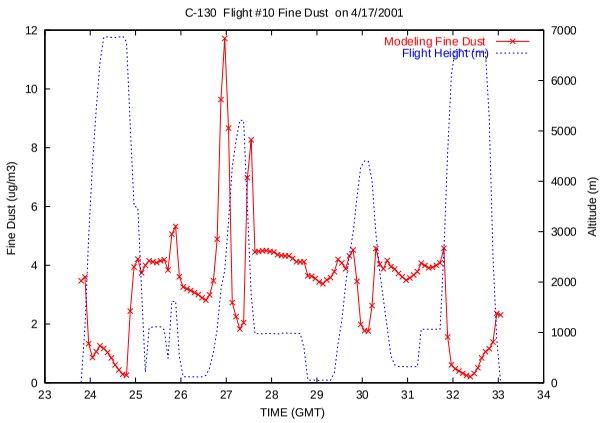

C-130 Flight #10 HO2 on 4/17/2001
Modeling HO2
Flight Height (m)
HO2 (ppbv)
Altitude (m)
TIME (GMT)

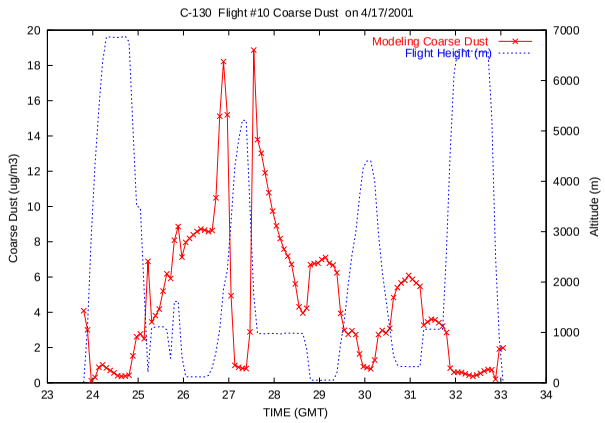

C-130 Flight #10 Black Carbon on 4/17/2001
Modeling Black Carbon
Flight Height (m)
Black Carbon (ug/m3)
Altitude (m)
TIME (GMT)

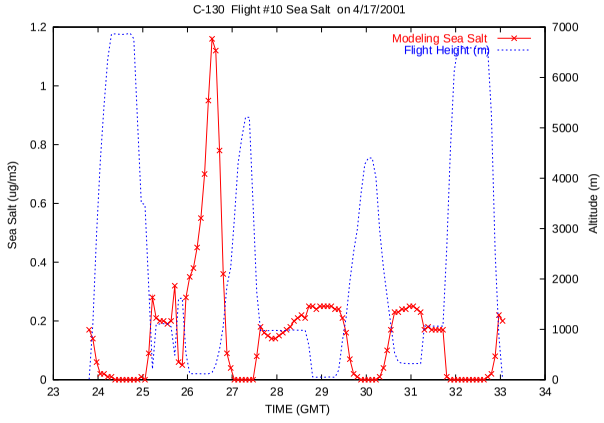

C-130 Flight #10 Organic Carbon on 4/17/2001
Modeling Organic Carbon
Flight Height (m)
Organic Carbon (ug/m3)
Altitude (m)
TIME (GMT)

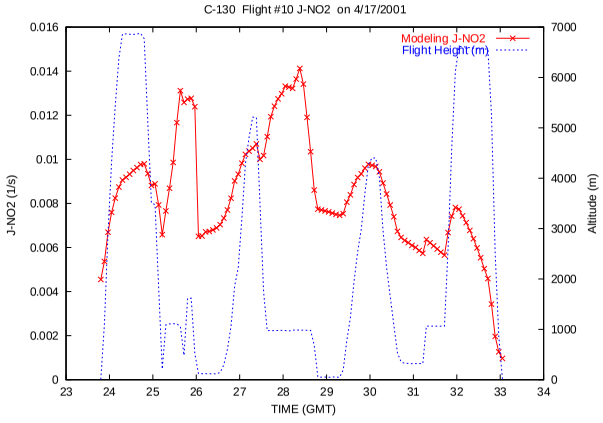

C-130 Flight #10 Other PM2.5 on 4/17/2001
Modeling Other PM2.5
Flight Height (m)
Other PM2.5 (ug/m3)
Altitude (m)
TIME (GMT)

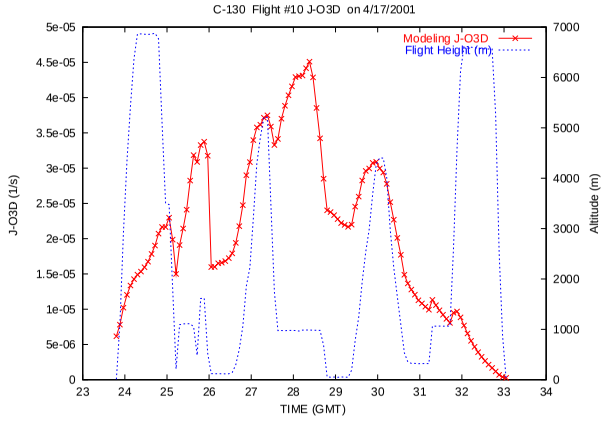

C-130 Flight #10 Other PM10 on 4/17/2001
Modeling Other PM10
Flight Height (m)
Other PM10 (ug/m3)
Altitude (m)
TIME (GMT)

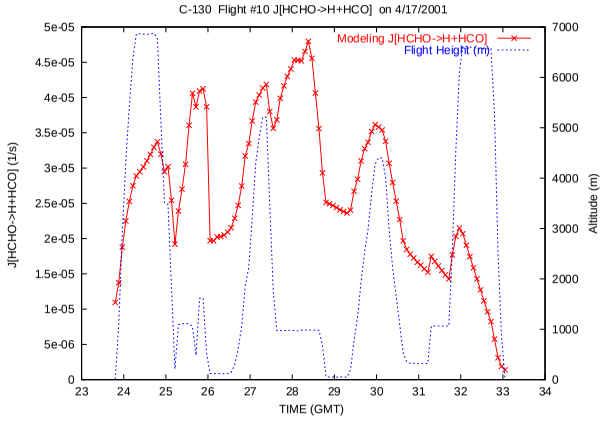

C-130 Flight #10 Fine Dust on 4/17/2001
Modeling Fine Dust
Flight Height (m)
Fine Dust (ug/m3)
Altitude (m)
TIME (GMT)

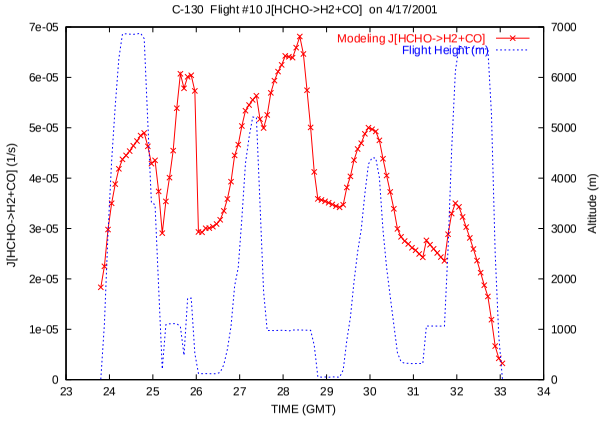

C-130 Flight #10 Coarse Dust on 4/17/2001
Modeling Coarse Dust
Flight Height (m)
Coarse Dust (ug/m3)
Altitude (m)
TIME (GMT)

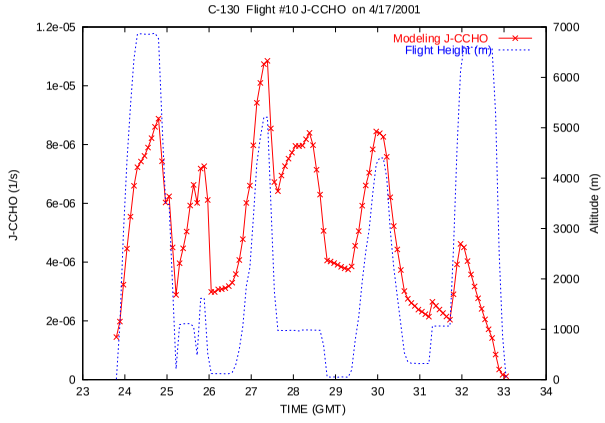

C-130 Flight #10 Sea Salt on 4/17/2001
Modeling Sea Salt
Flight Height (m)
Sea Salt (ug/m3)
Altitude (m)
TIME (GMT)

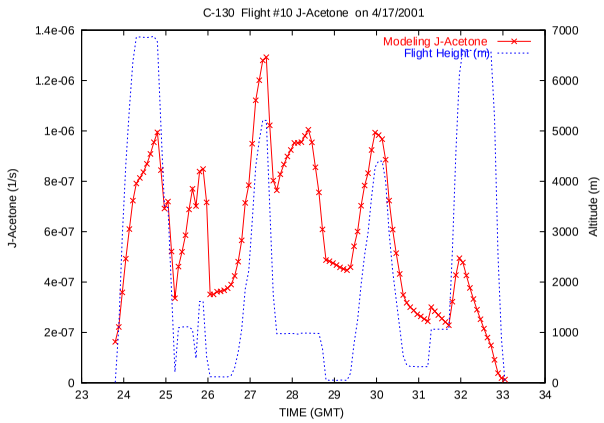

C-130 Flight #10 J-NO2 on 4/17/2001
Modeling J-NO2
Flight Height (m)
J-NO2 (1/s)
Altitude (m)
TIME (GMT)

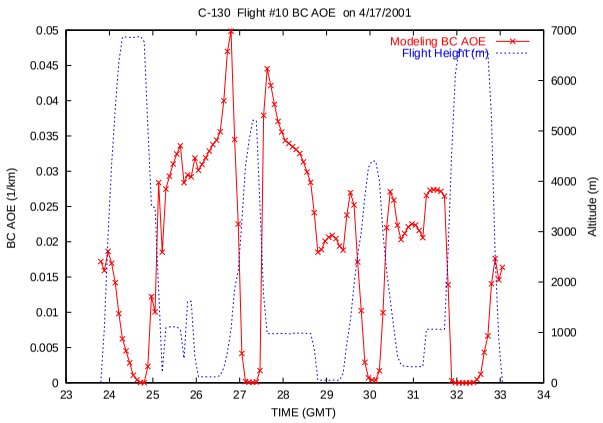

C-130 Flight #10 J-O3D on 4/17/2001
Modeling J-O3D
Flight Height (m)
J-O3D (1/s)
Altitude (m)
TIME (GMT)

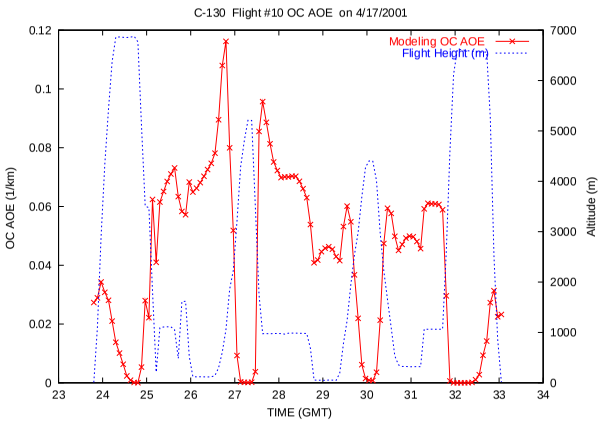

C-130 Flight #10 J[HCHO->H+HCO] on 4/17/2001
Modeling J[HCHO->H+HCO]
Flight Height (m)
J[HCHO->H+HCO] (1/s)
Altitude (m)
TIME (GMT)

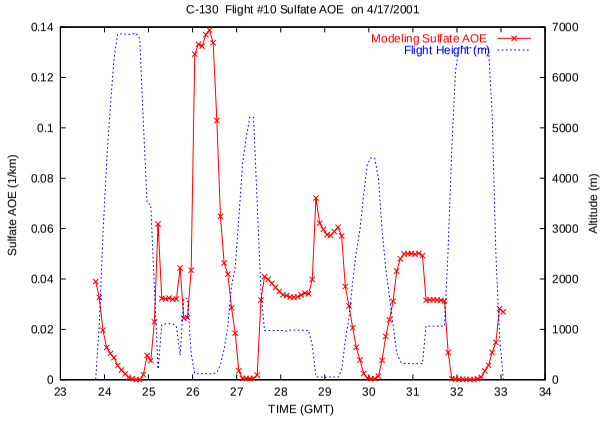

C-130 Flight #10 J[HCHO->H2+CO] on 4/17/2001
Modeling J[HCHO->H2+CO]
Flight Height (m)
J[HCHO->H2+CO] (1/s)
Altitude (m)
TIME (GMT)

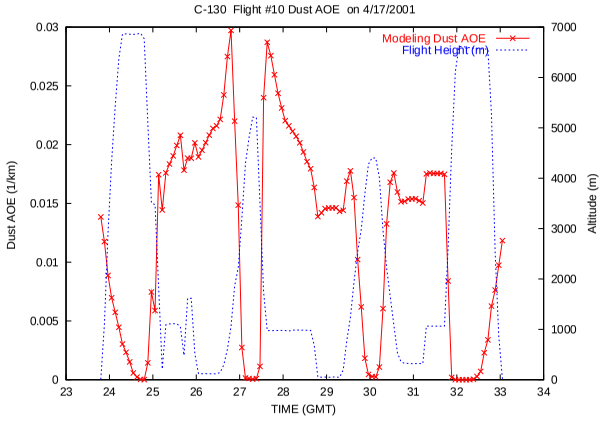

C-130 Flight #10 J-CCHO on 4/17/2001
Modeling J-CCHO
Flight Height (m)
J-CCHO (1/s)
Altitude (m)
TIME (GMT)

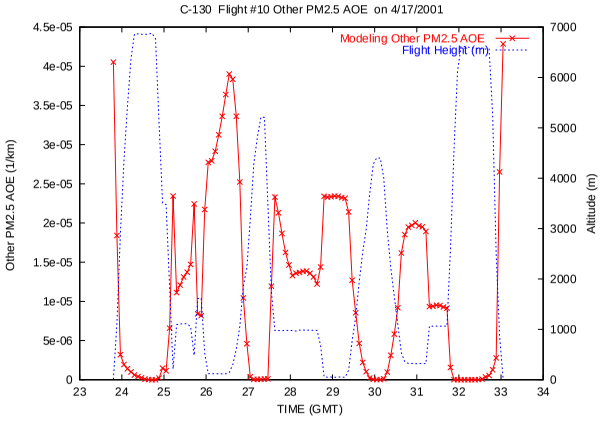

C-130 Flight #10 J-Acetone on 4/17/2001
Modeling J-Acetone
Flight Height (m)
J-Acetone (1/s)
Altitude (m)
TIME (GMT)

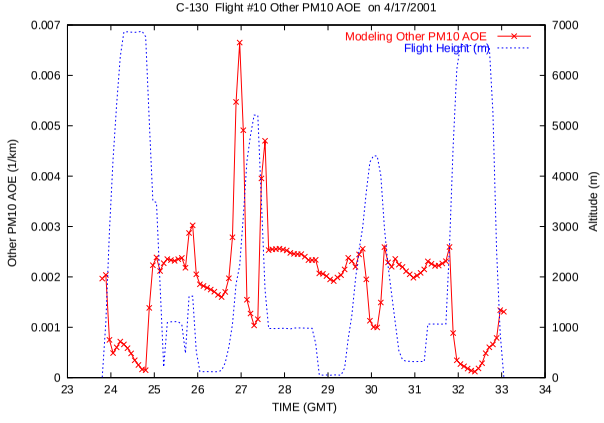

C-130 Flight #10 BC AOE on 4/17/2001
Modeling BC AOE
Flight Height (m)
BC AOE (1/km)
Altitude (m)
TIME (GMT)

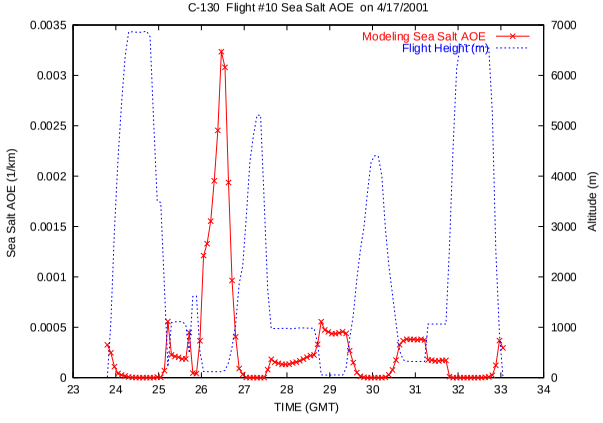

C-130 Flight #10 OC AOE on 4/17/2001
Modeling OC AOE
Flight Height (m)
OC AOE (1/km)
Altitude (m)
TIME (GMT)

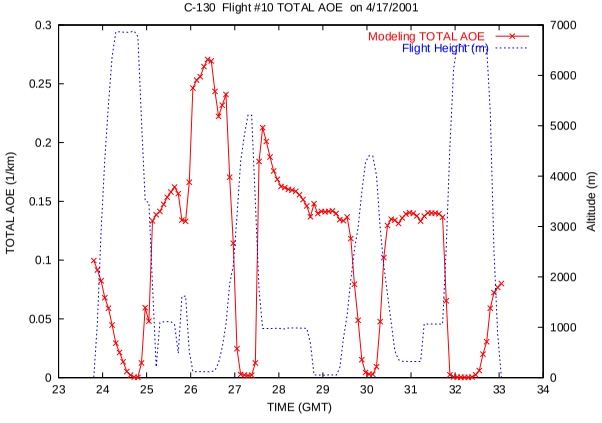

C-130 Flight #10 Sulfate AOE on 4/17/2001
Modeling Sulfate AOE
Flight Height (m)
Sulfate AOE (1/km)
Altitude (m)
TIME (GMT)


C-130 Flight #10 Dust AOE on 4/17/2001
Modeling Dust AOE
Flight Height (m)
Dust AOE (1/km)
Altitude (m)
TIME (GMT)

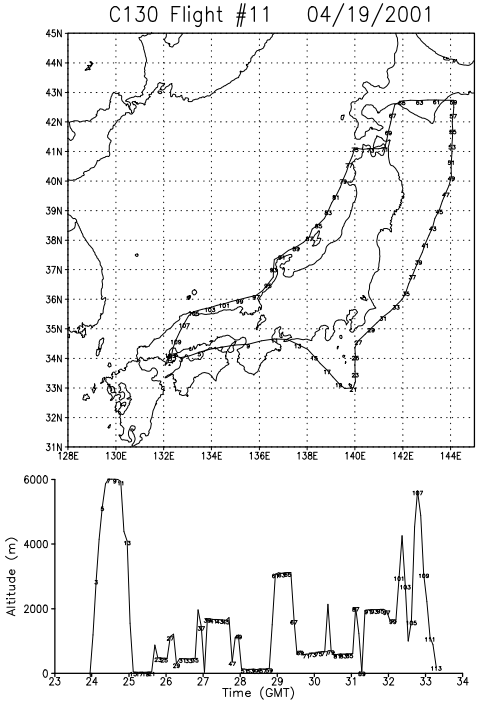

C-130 Flight #10 Other PM2.5 AOE on 4/17/2001
Modeling Other PM2.5 AOE
Flight Height (m)
Other PM2.5 AOE (1/km)
Altitude (m)
TIME (GMT)

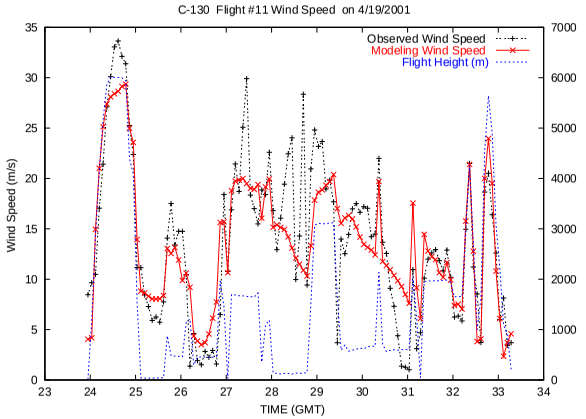

C-130 Flight #10 Other PM10 AOE on 4/17/2001
Modeling Other PM10 AOE
Flight Height (m)
Other PM10 AOE (1/km)
Altitude (m)
TIME (GMT)

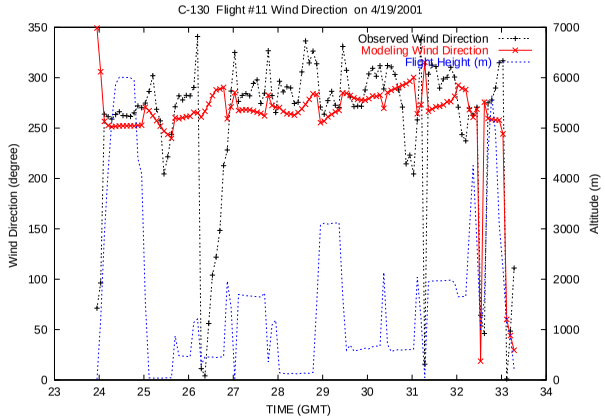

C-130 Flight #10 Sea Salt AOE on 4/17/2001
Modeling Sea Salt AOE
Flight Height (m)
Sea Salt AOE (1/km)
Altitude (m)
TIME (GMT)

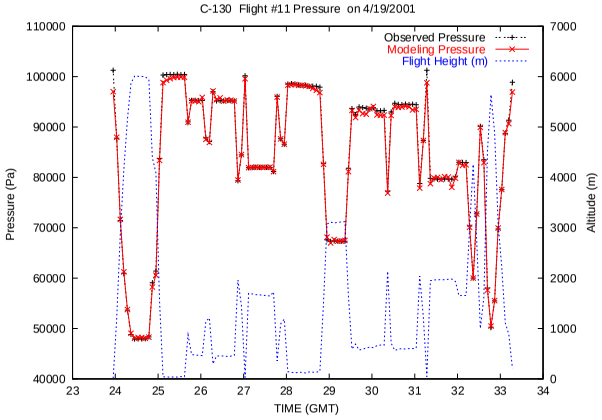

C-130 Flight #10 TOTAL AOE on 4/17/2001
Modeling TOTAL AOE
Flight Height (m)
TOTAL AOE (1/km)
Altitude (m)
TIME (GMT)

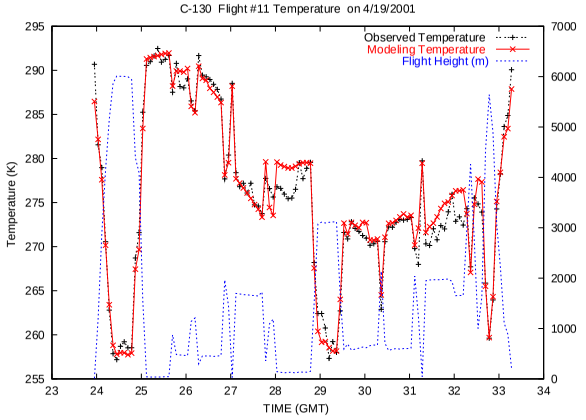
ACE-ASIA C-130 Flight #11

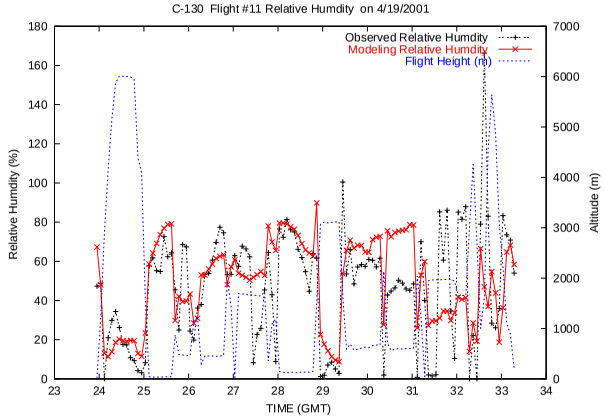


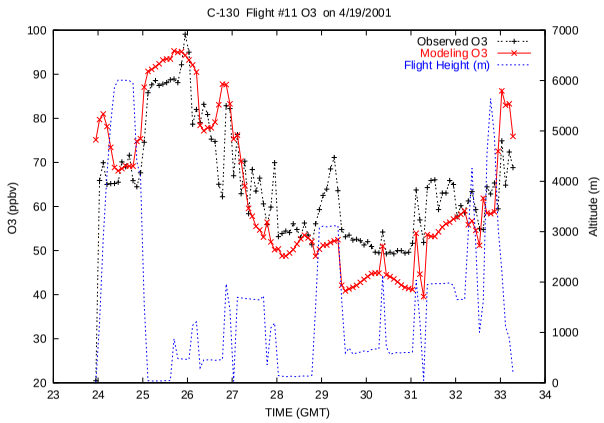


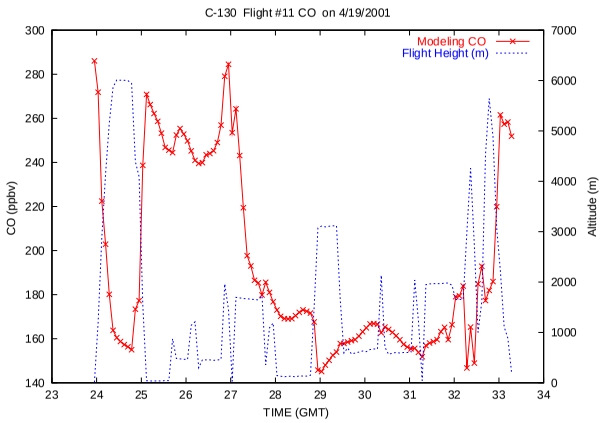


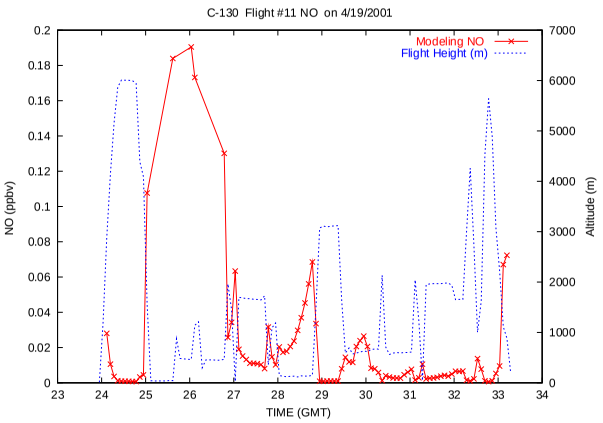


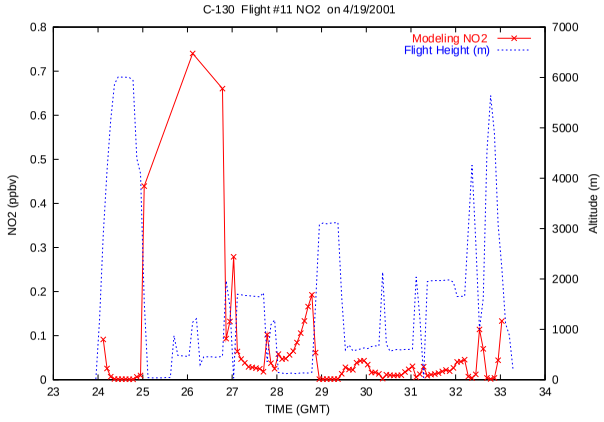


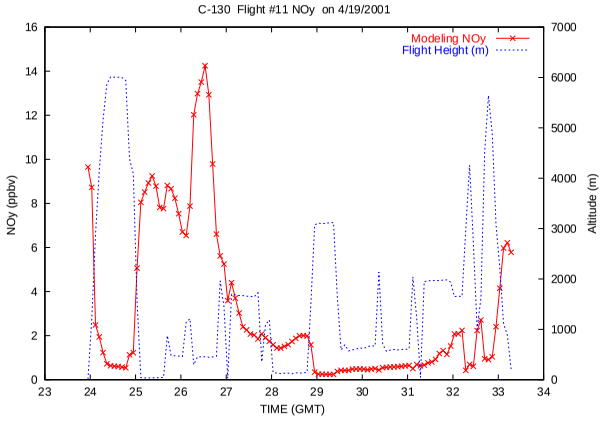


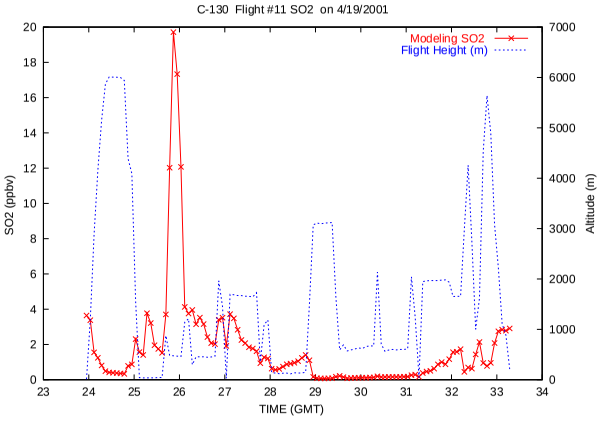

C-130 Flight #11 O3 on 4/19/2001
Observed O3
Modeling O3
Flight Height (m)
O3 (ppbv)
Altitude (m)
TIME (GMT)

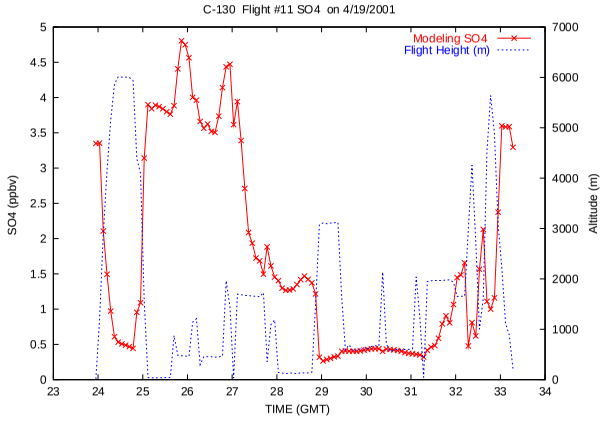

C-130 Flight #11 CO on 4/19/2001
Modeling CO
Flight Height (m)
CO (ppbv)
Altitude (m)
TIME (GMT)

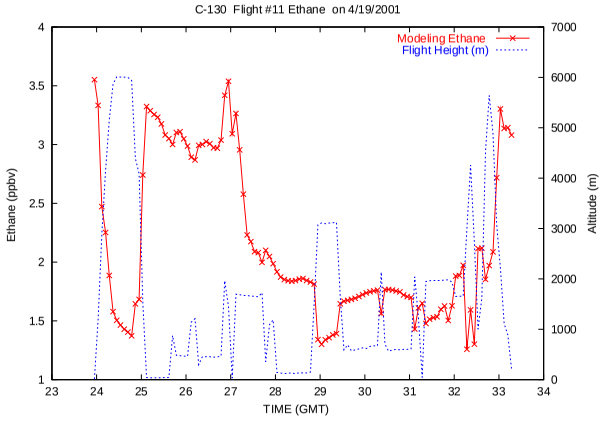

C-130 Flight #11 NO on 4/19/2001
Modeling NO
Flight Height (m)
NO (ppbv)
Altitude (m)
TIME (GMT)

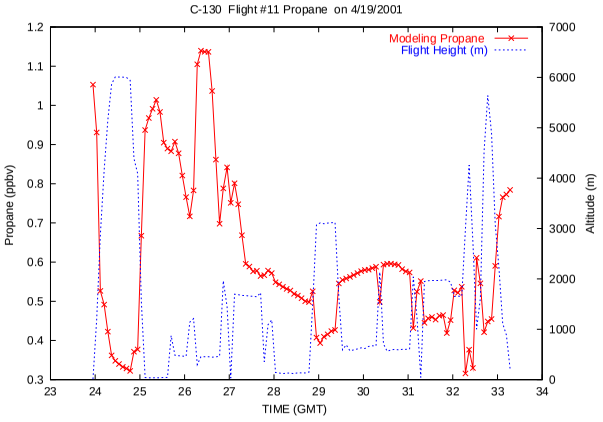

C-130 Flight #11 NO2 on 4/19/2001
Modeling NO2
Flight Height (m)
NO2 (ppbv)
Altitude (m)
TIME (GMT)

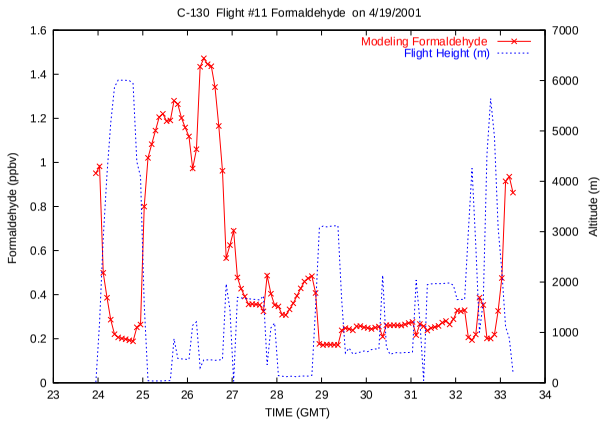

C-130 Flight #11 NOy on 4/19/2001
Modeling NOy
Flight Height (m)
NOy (ppbv)
Altitude (m)
TIME (GMT)

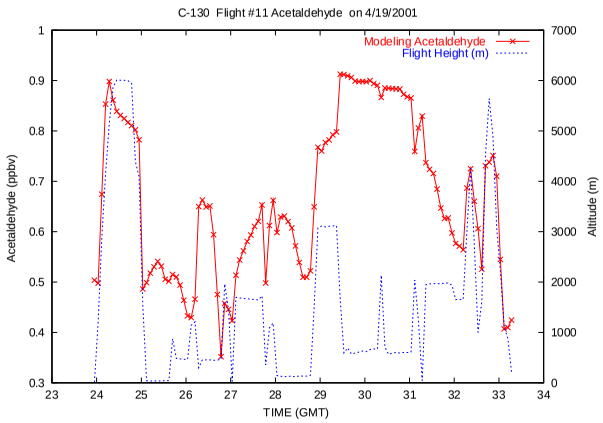

C-130 Flight #11 SO2 on 4/19/2001
Modeling SO2
Flight Height (m)
SO2 (ppbv)
Altitude (m)
TIME (GMT)

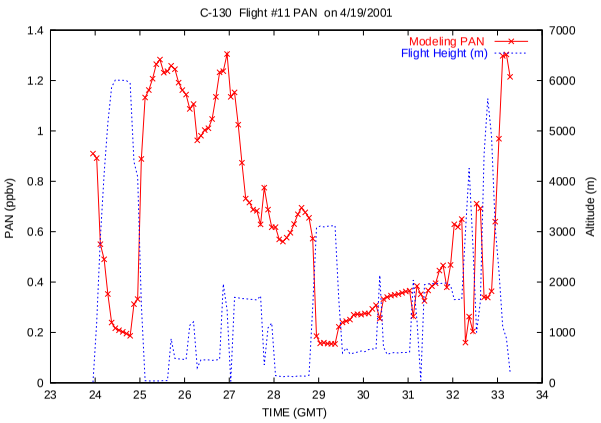

C-130 Flight #11 SO4 on 4/19/2001
Modeling SO4
Flight Height (m)
SO4 (ppbv)
Altitude (m)
TIME (GMT)

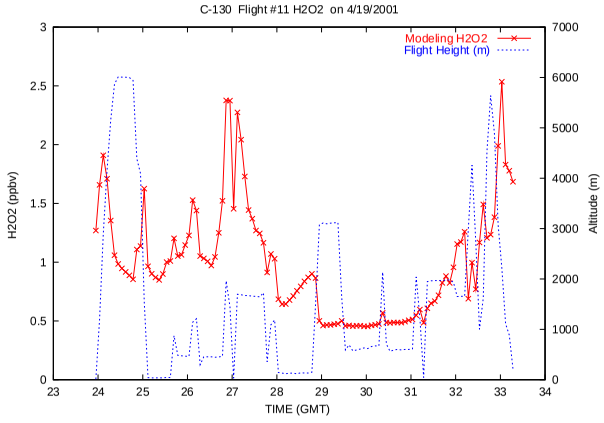

C-130 Flight #11 Ethane on 4/19/2001
Modeling Ethane
Flight Height (m)
Ethane (ppbv)
Altitude (m)
TIME (GMT)

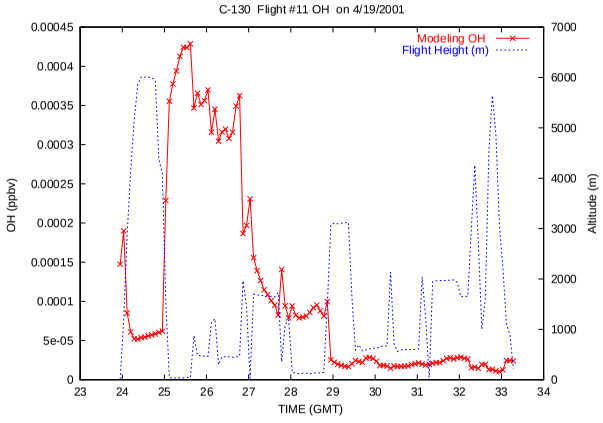

C-130 Flight #11 Propane on 4/19/2001
Modeling Propane
Flight Height (m)
Propane (ppbv)
Altitude (m)
TIME (GMT)

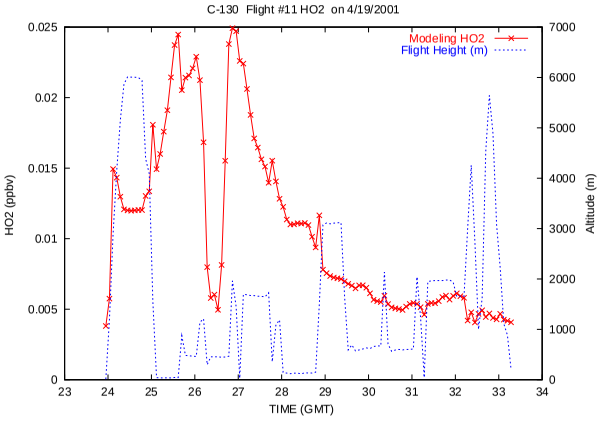

C-130 Flight #11 Formaldehyde on 4/19/2001
Modeling Formaldehyde
Flight Height (m)
Formaldehyde (ppbv)
Altitude (m)
TIME (GMT)

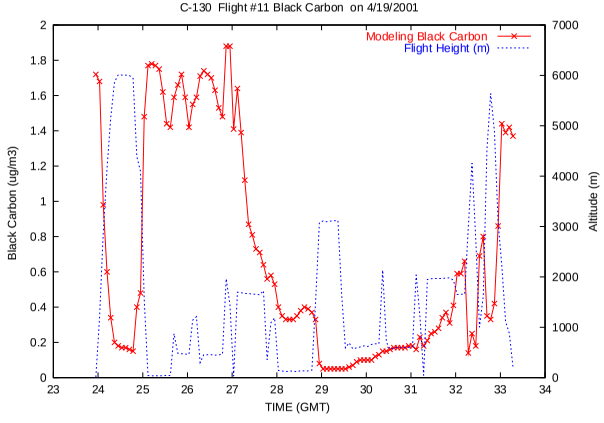

C-130 Flight #11 Acetaldehyde on 4/19/2001
Modeling Acetaldehyde
Flight Height (m)
Acetaldehyde (ppbv)
Altitude (m)
TIME (GMT)

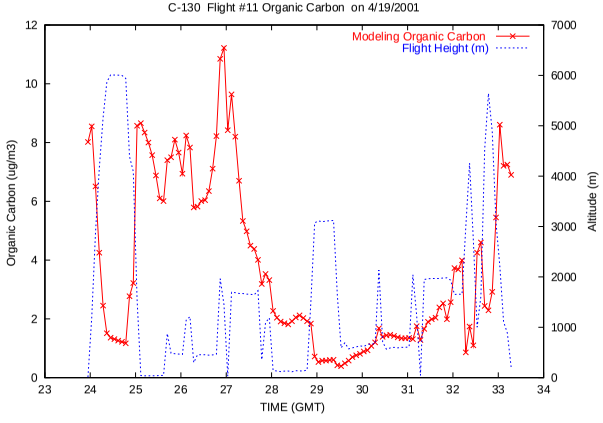

C-130 Flight #11 PAN on 4/19/2001
Modeling PAN
Flight Height (m)
PAN (ppbv)
Altitude (m)
TIME (GMT)

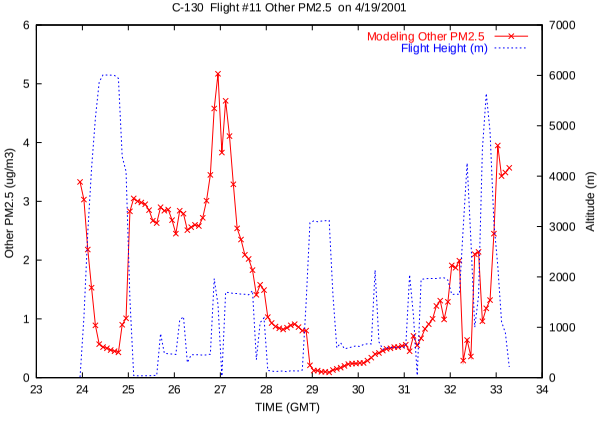

C-130 Flight #11 H2O2 on 4/19/2001
Modeling H2O2
Flight Height (m)
H2O2 (ppbv)
Altitude (m)
TIME (GMT)

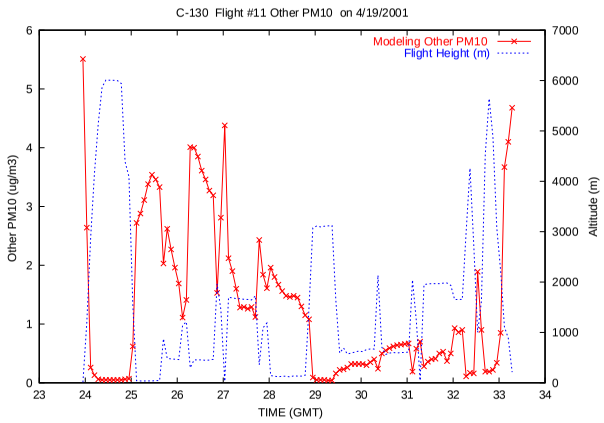

C-130 Flight #11 OH on 4/19/2001
Modeling OH
Flight Height (m)
OH (ppbv)
Altitude (m)
TIME (GMT)

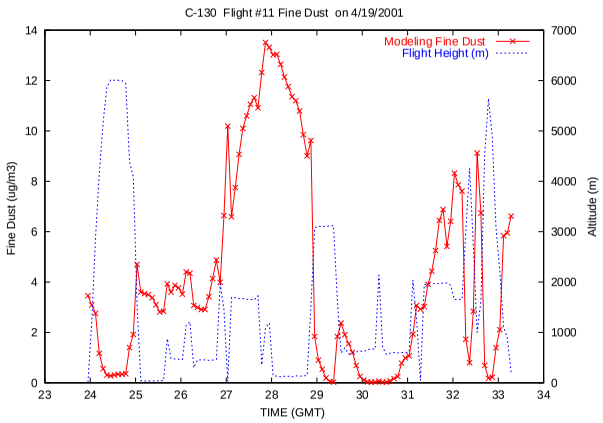

C-130 Flight #11 HO2 on 4/19/2001
Modeling HO2
Flight Height (m)
HO2 (ppbv)
Altitude (m)
TIME (GMT)

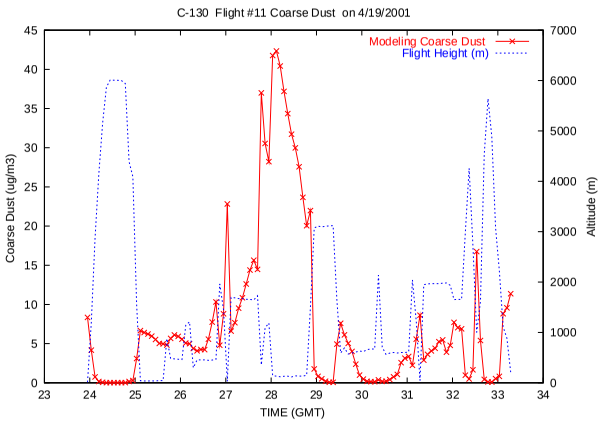

C-130 Flight #11 Black Carbon on 4/19/2001
Modeling Black Carbon
Flight Height (m)
Black Carbon (ug/m3)
Altitude (m)
TIME (GMT)

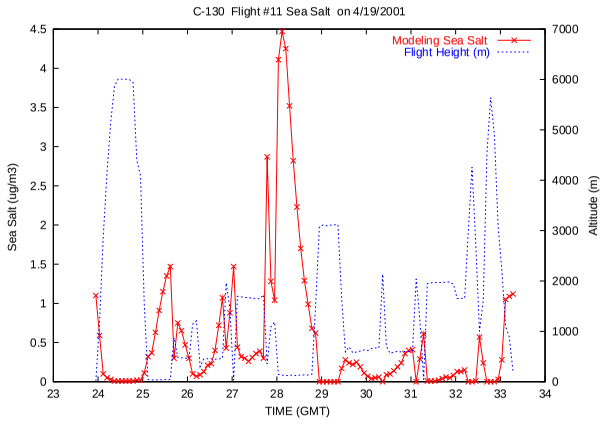

C-130 Flight #11 Organic Carbon on 4/19/2001
Modeling Organic Carbon
Flight Height (m)
Organic Carbon (ug/m3)
Altitude (m)
TIME (GMT)

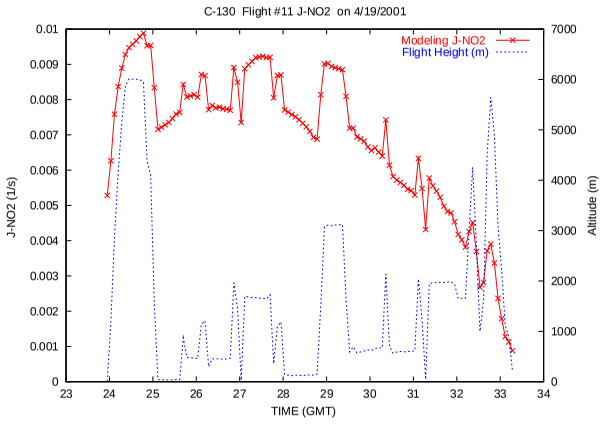

C-130 Flight #11 Other PM2.5 on 4/19/2001
Modeling Other PM2.5
Flight Height (m)
Other PM2.5 (ug/m3)
Altitude (m)
TIME (GMT)

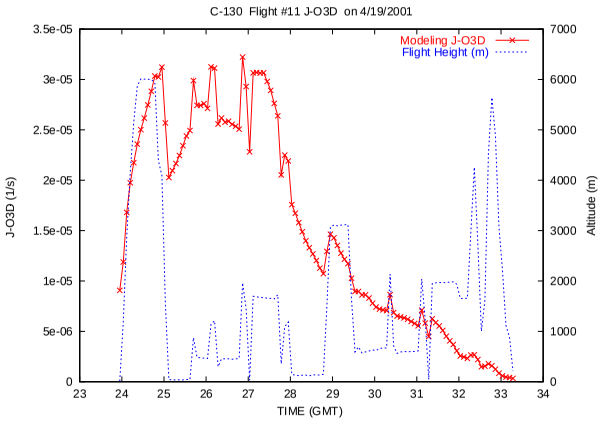

C-130 Flight #11 Other PM10 on 4/19/2001
Modeling Other PM10
Flight Height (m)
Other PM10 (ug/m3)
Altitude (m)
TIME (GMT)

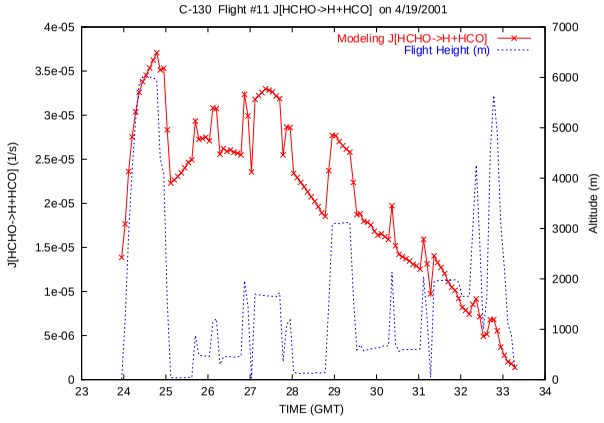

C-130 Flight #11 Fine Dust on 4/19/2001
Modeling Fine Dust
Flight Height (m)
Fine Dust (ug/m3)
Altitude (m)
TIME (GMT)

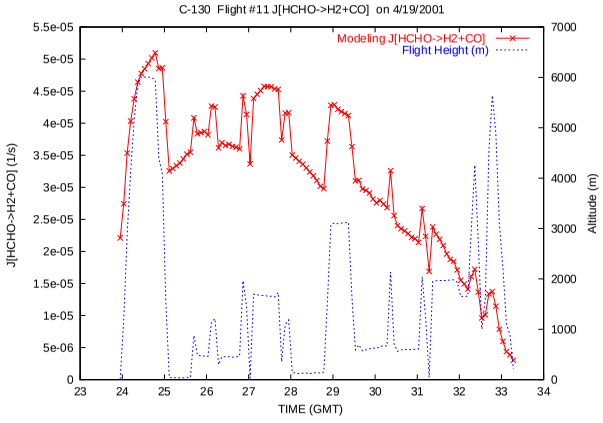

C-130 Flight #11 Coarse Dust on 4/19/2001
Modeling Coarse Dust
Flight Height (m)
Coarse Dust (ug/m3)
Altitude (m)
TIME (GMT)

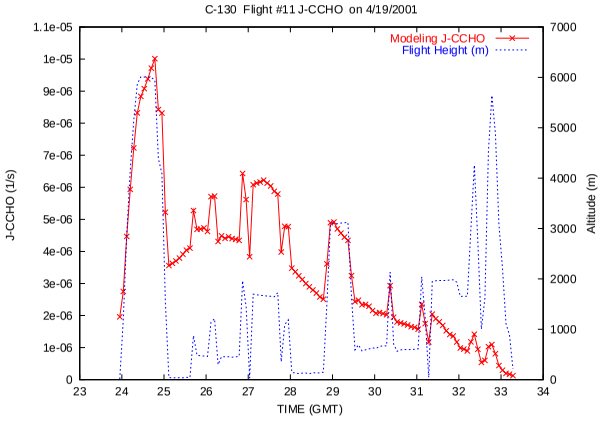

C-130 Flight #11 Sea Salt on 4/19/2001
Modeling Sea Salt
Flight Height (m)
Sea Salt (ug/m3)
Altitude (m)
TIME (GMT)

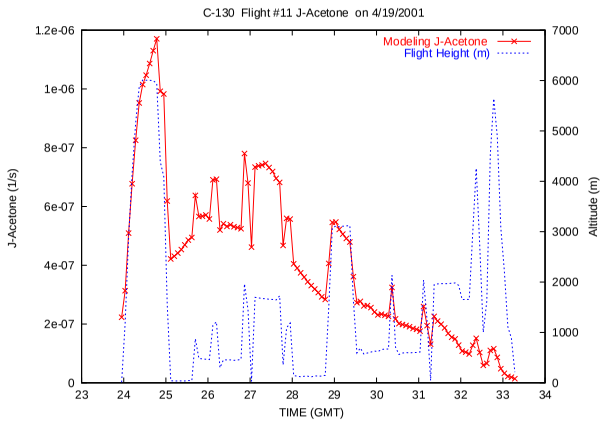

C-130 Flight #11 J-NO2 on 4/19/2001
Modeling J-NO2
Flight Height (m)
J-NO2 (1/s)
Altitude (m)
TIME (GMT)

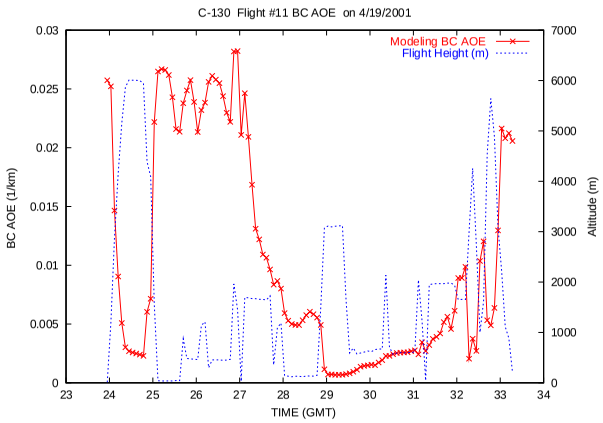

C-130 Flight #11 J-O3D on 4/19/2001
Modeling J-O3D
Flight Height (m)
J-O3D (1/s)
Altitude (m)
TIME (GMT)

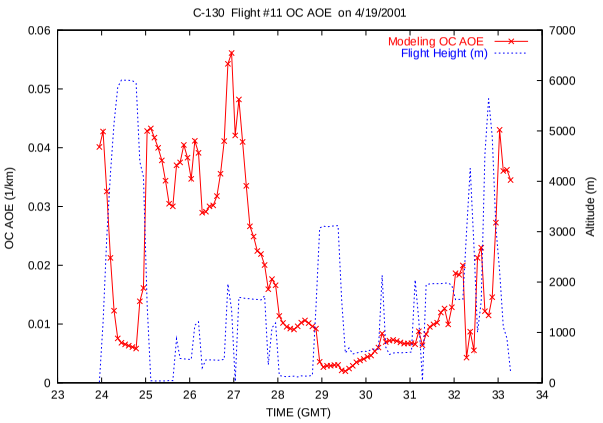

C-130 Flight #11 J[HCHO->H+HCO] on 4/19/2001
Modeling J[HCHO->H+HCO]
Flight Height (m)
J[HCHO->H+HCO] (1/s)
Altitude (m)
TIME (GMT)

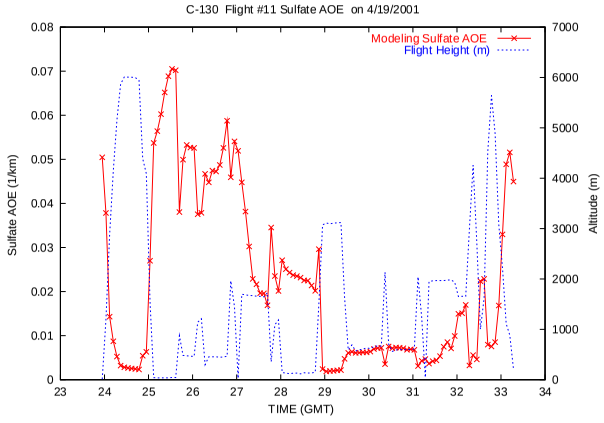

C-130 Flight #11 J[HCHO->H2+CO] on 4/19/2001
Modeling J[HCHO->H2+CO]
Flight Height (m)
J[HCHO->H2+CO] (1/s)
Altitude (m)
TIME (GMT)

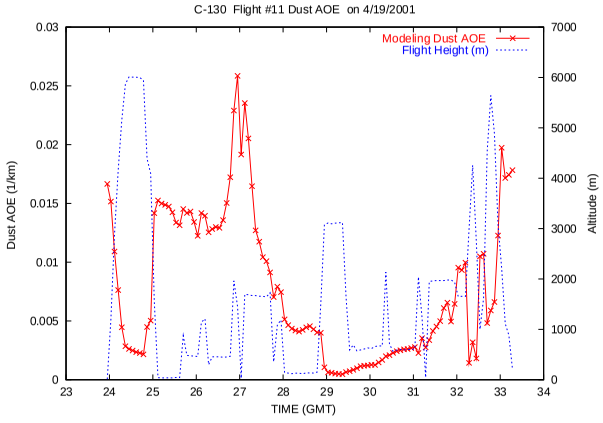

C-130 Flight #11 J-CCHO on 4/19/2001
Modeling J-CCHO
Flight Height (m)
J-CCHO (1/s)
Altitude (m)
TIME (GMT)

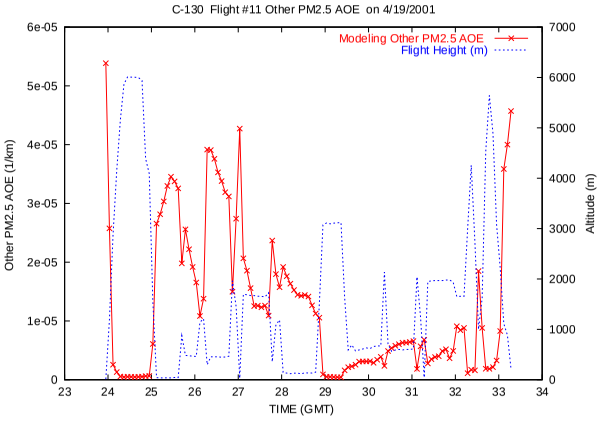

C-130 Flight #11 J-Acetone on 4/19/2001
Modeling J-Acetone
Flight Height (m)
J-Acetone (1/s)
Altitude (m)
TIME (GMT)

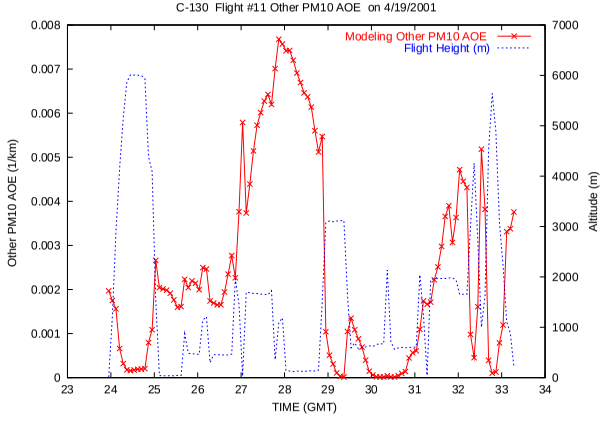

C-130 Flight #11 BC AOE on 4/19/2001
Modeling BC AOE
Flight Height (m)
BC AOE (1/km)
Altitude (m)
TIME (GMT)

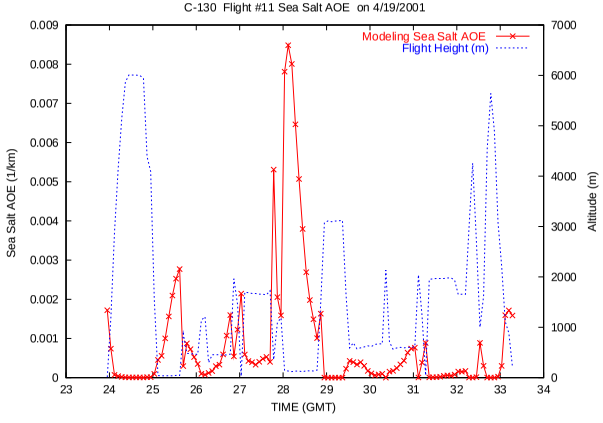

C-130 Flight #11 OC AOE on 4/19/2001
Modeling OC AOE
Flight Height (m)
OC AOE (1/km)
Altitude (m)
TIME (GMT)

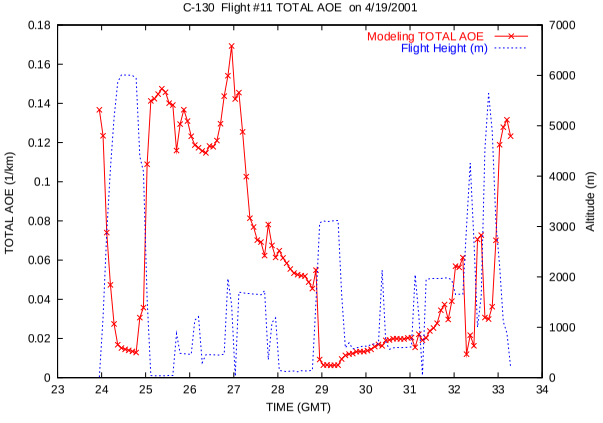

C-130 Flight #11 Sulfate AOE on 4/19/2001
Modeling Sulfate AOE
Flight Height (m)
Sulfate AOE (1/km)
Altitude (m)
TIME (GMT)


C-130 Flight #11 Dust AOE on 4/19/2001
Modeling Dust AOE
Flight Height (m)
Dust AOE (1/km)
Altitude (m)
TIME (GMT)

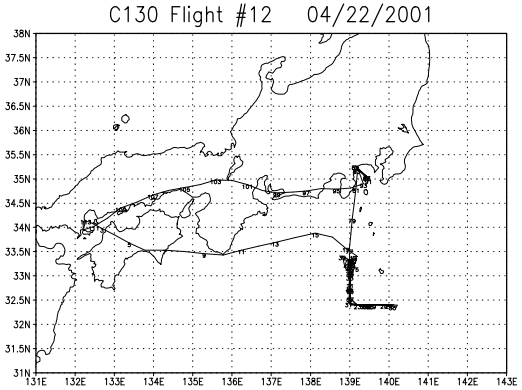

C-130 Flight #11 Other PM2.5 AOE on 4/19/2001
Modeling Other PM2.5 AOE
Flight Height (m)
Other PM2.5 AOE (1/km)
Altitude (m)
TIME (GMT)

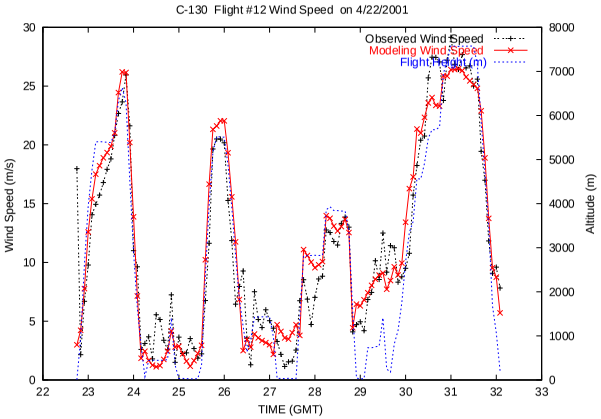

C-130 Flight #11 Other PM10 AOE on 4/19/2001
Modeling Other PM10 AOE
Flight Height (m)
Other PM10 AOE (1/km)
Altitude (m)
TIME (GMT)

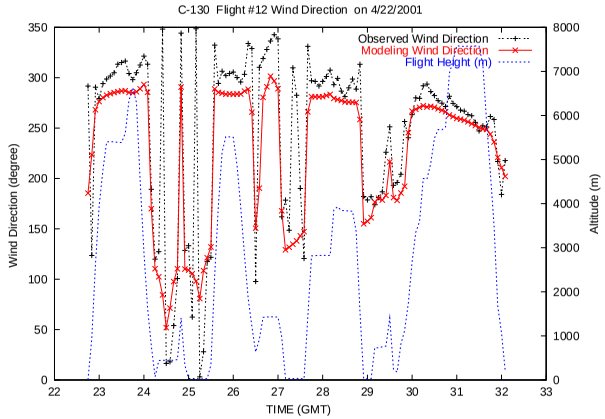

C-130 Flight #11 Sea Salt AOE on 4/19/2001
Modeling Sea Salt AOE
Flight Height (m)
Sea Salt AOE (1/km)
Altitude (m)
TIME (GMT)

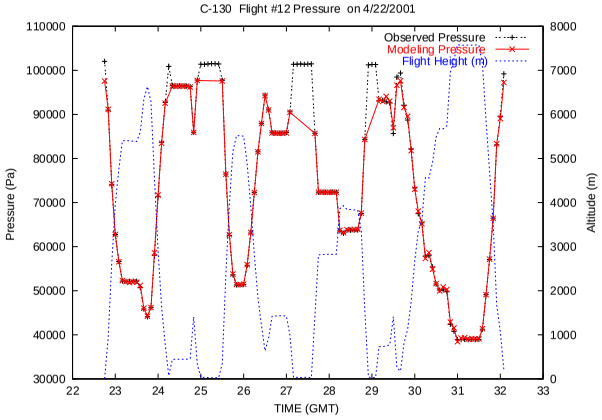

C-130 Flight #11 TOTAL AOE on 4/19/2001
Modeling TOTAL AOE
Flight Height (m)
TOTAL AOE (1/km)
Altitude (m)
TIME (GMT)

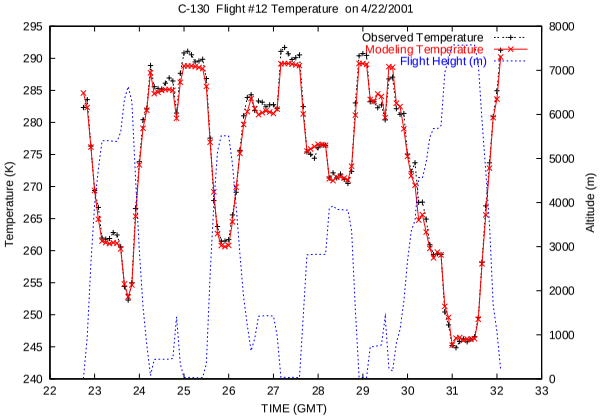
ACE-ASIA C-130 Flight #12

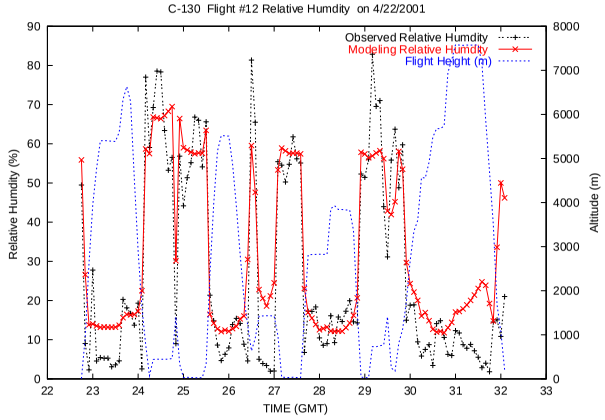


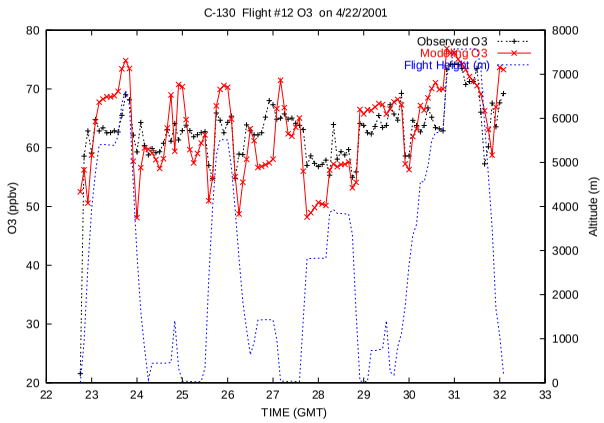


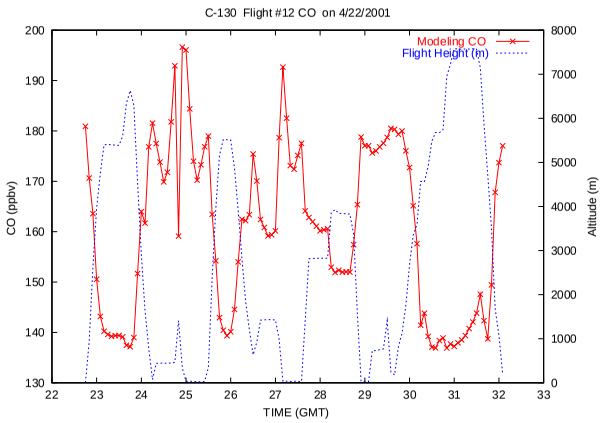


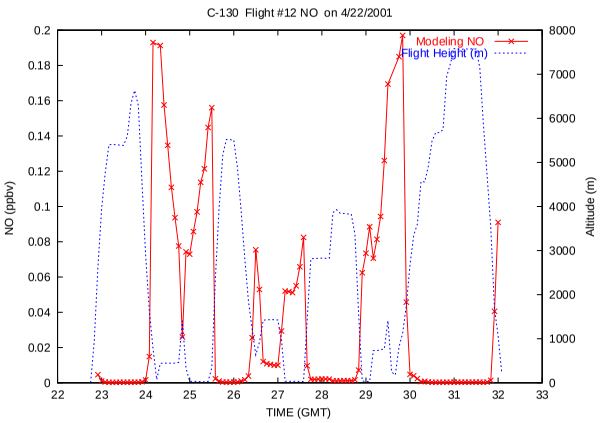


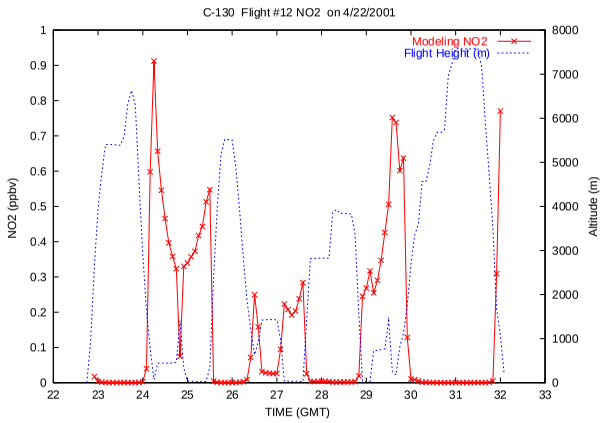


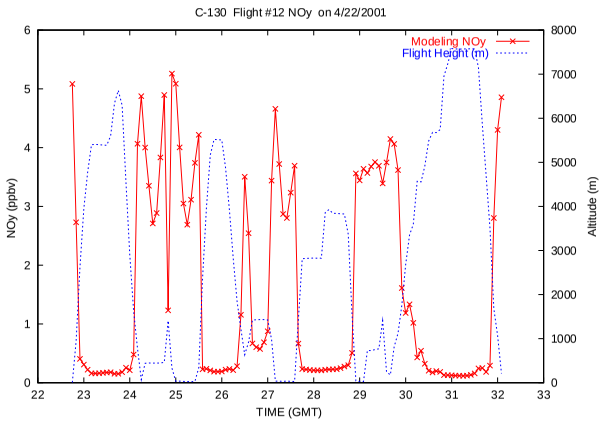


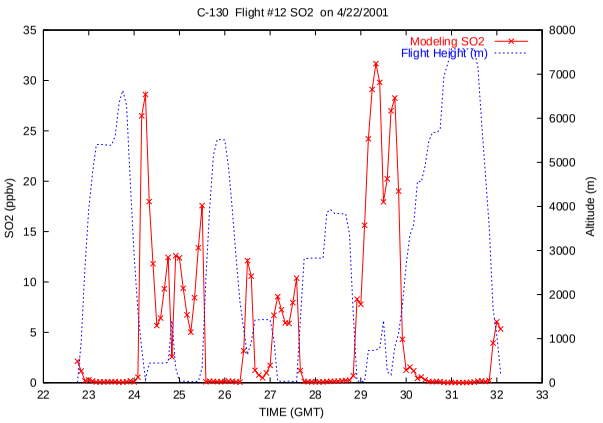

C-130 Flight #12 O3 on 4/22/2001
Observed O3
Modeling O3
Flight Height (m)
O3 (ppbv)
Altitude (m)
TIME (GMT)

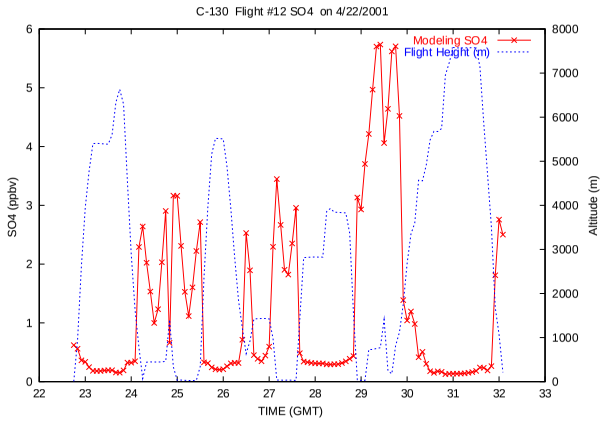

C-130 Flight #12 CO on 4/22/2001
Modeling CO
Flight Height (m)
CO (ppbv)
Altitude (m)
TIME (GMT)

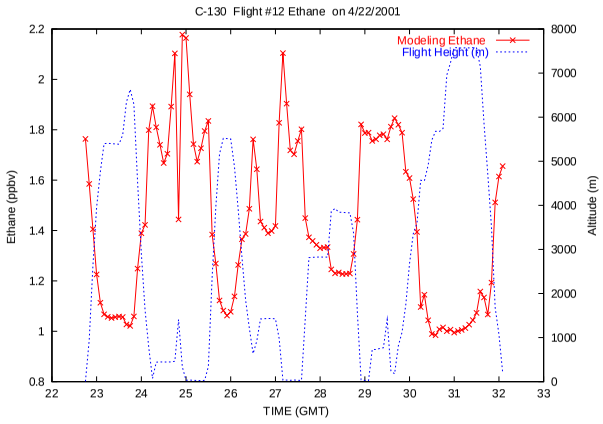

C-130 Flight #12 NO on 4/22/2001
Modeling NO
Flight Height (m)
NO (ppbv)
Altitude (m)
TIME (GMT)

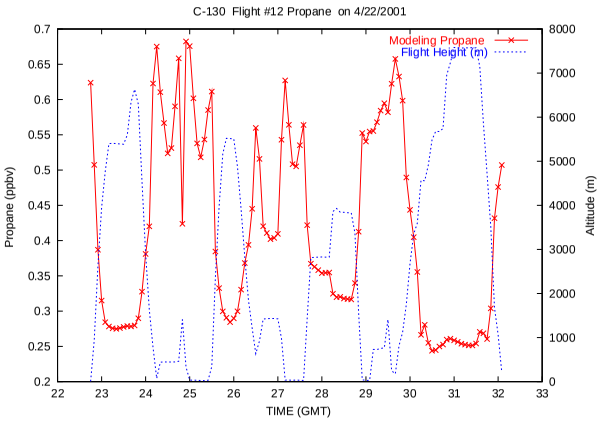

C-130 Flight #12 NO2 on 4/22/2001
Modeling NO2
Flight Height (m)
NO2 (ppbv)
Altitude (m)
TIME (GMT)

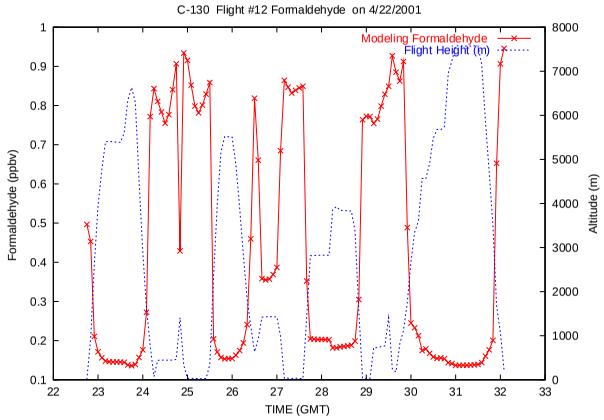

C-130 Flight #12 NOy on 4/22/2001
Modeling NOy
Flight Height (m)
NOy (ppbv)
Altitude (m)
TIME (GMT)

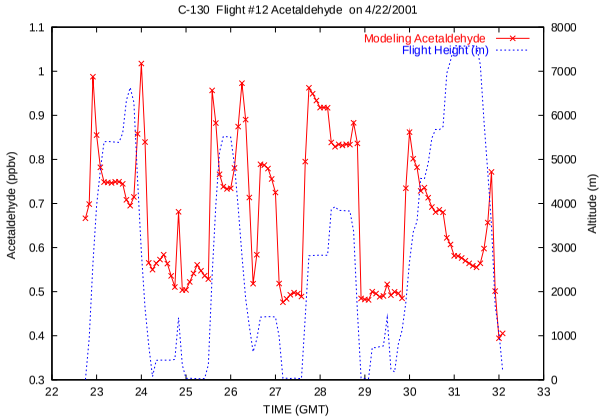

C-130 Flight #12 SO2 on 4/22/2001
Modeling SO2
Flight Height (m)
SO2 (ppbv)
Altitude (m)
TIME (GMT)

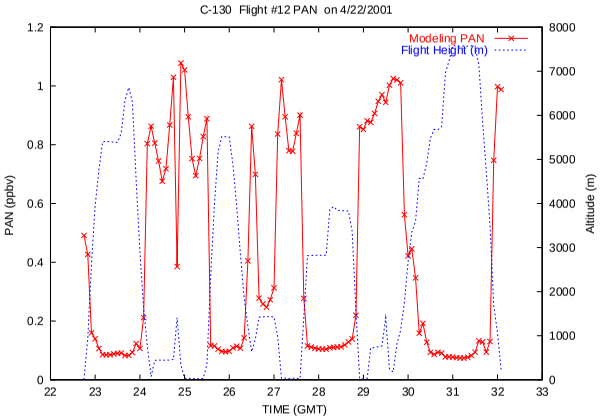

C-130 Flight #12 SO4 on 4/22/2001
Modeling SO4
Flight Height (m)
SO4 (ppbv)
Altitude (m)
TIME (GMT)

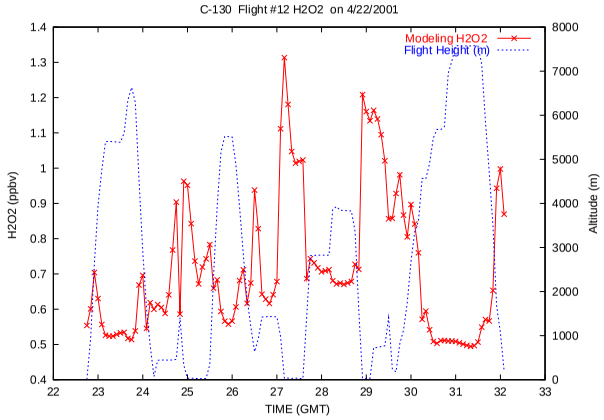

C-130 Flight #12 Ethane on 4/22/2001
Modeling Ethane
Flight Height (m)
Ethane (ppbv)
Altitude (m)
TIME (GMT)

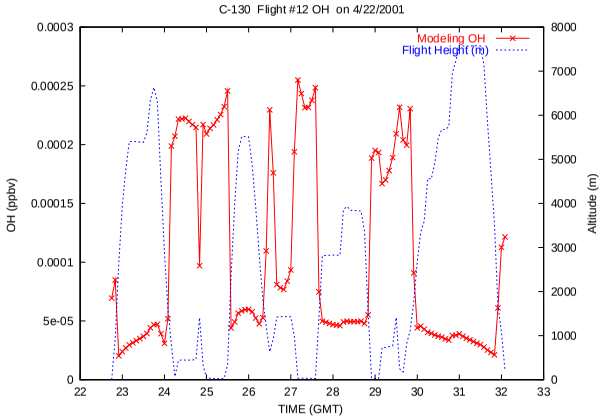

C-130 Flight #12 Propane on 4/22/2001
Modeling Propane
Flight Height (m)
Propane (ppbv)
Altitude (m)
TIME (GMT)

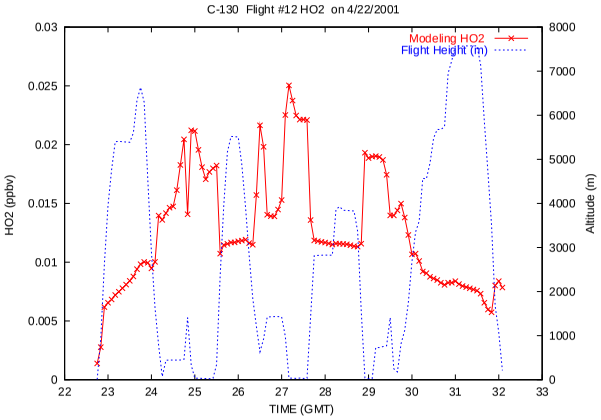

C-130 Flight #12 Formaldehyde on 4/22/2001
Modeling Formaldehyde
Flight Height (m)
Formaldehyde (ppbv)
Altitude (m)
TIME (GMT)

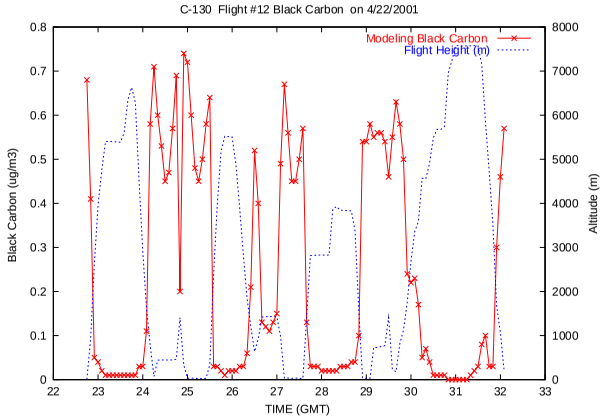

C-130 Flight #12 Acetaldehyde on 4/22/2001
Modeling Acetaldehyde
Flight Height (m)
Acetaldehyde (ppbv)
Altitude (m)
TIME (GMT)

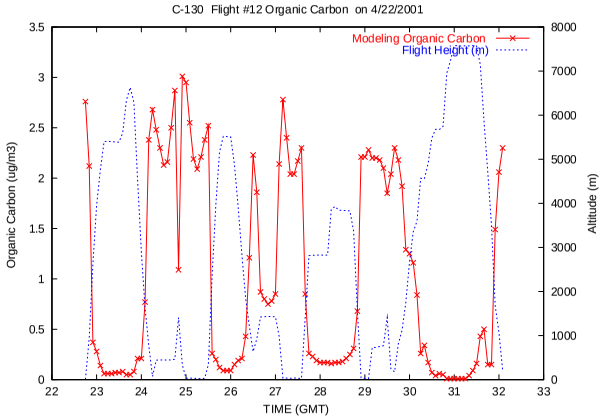

C-130 Flight #12 PAN on 4/22/2001
Modeling PAN
Flight Height (m)
PAN (ppbv)
Altitude (m)
TIME (GMT)

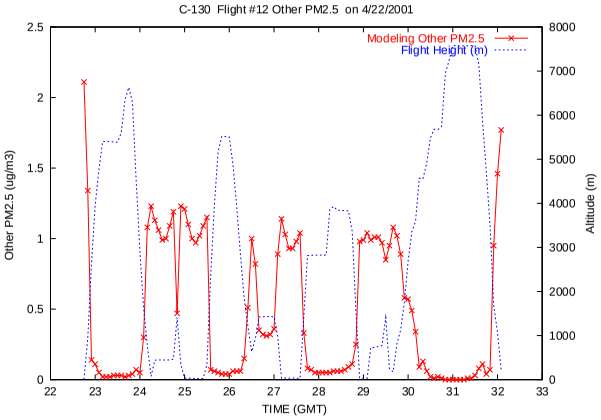

C-130 Flight #12 H2O2 on 4/22/2001
Modeling H2O2
Flight Height (m)
H2O2 (ppbv)
Altitude (m)
TIME (GMT)

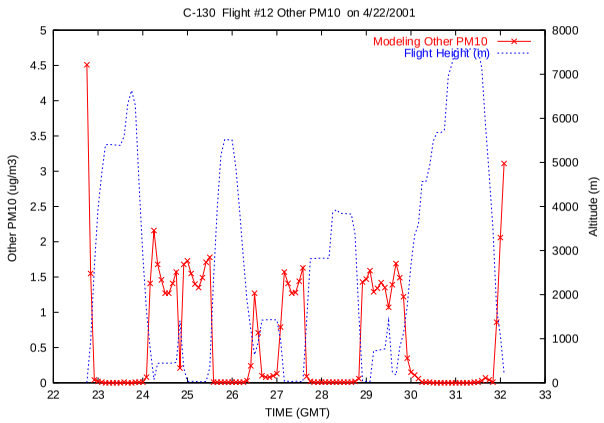

C-130 Flight #12 OH on 4/22/2001
Modeling OH
Flight Height (m)
OH (ppbv)
Altitude (m)
TIME (GMT)

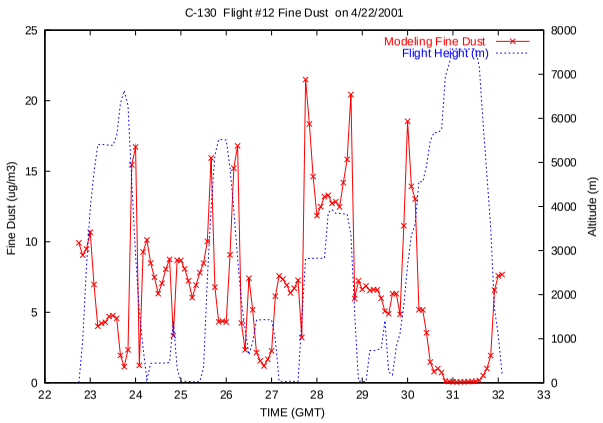

C-130 Flight #12 HO2 on 4/22/2001
Modeling HO2
Flight Height (m)
HO2 (ppbv)
Altitude (m)
TIME (GMT)

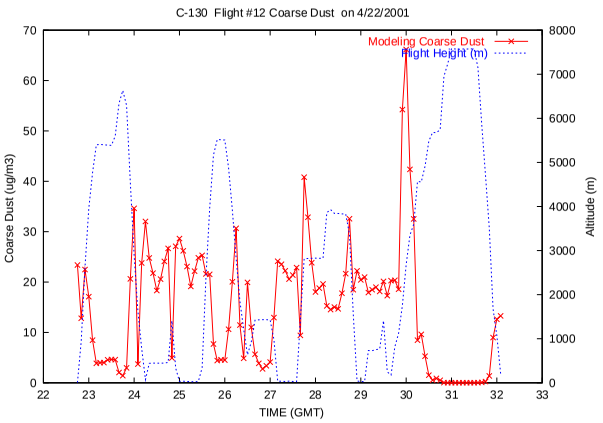

C-130 Flight #12 Black Carbon on 4/22/2001
Modeling Black Carbon
Flight Height (m)
Black Carbon (ug/m3)
Altitude (m)
TIME (GMT)

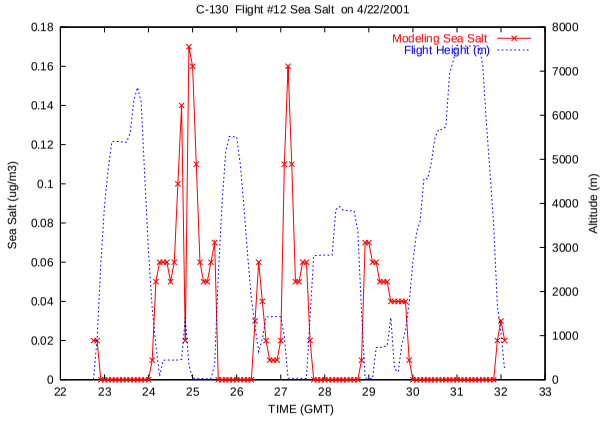

C-130 Flight #12 Organic Carbon on 4/22/2001
Modeling Organic Carbon
Flight Height (m)
Organic Carbon (ug/m3)
Altitude (m)
TIME (GMT)

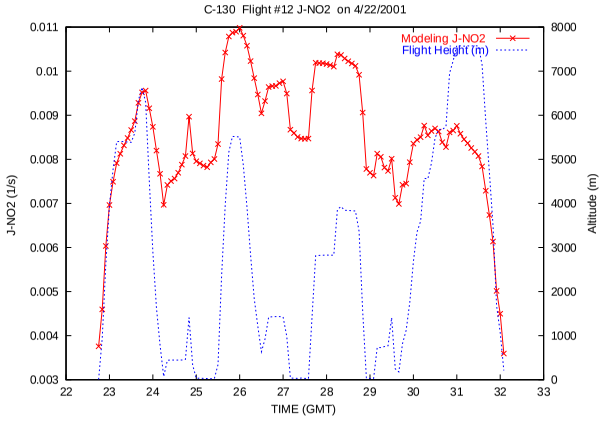

C-130 Flight #12 Other PM2.5 on 4/22/2001
Modeling Other PM2.5
Flight Height (m)
Other PM2.5 (ug/m3)
Altitude (m)
TIME (GMT)

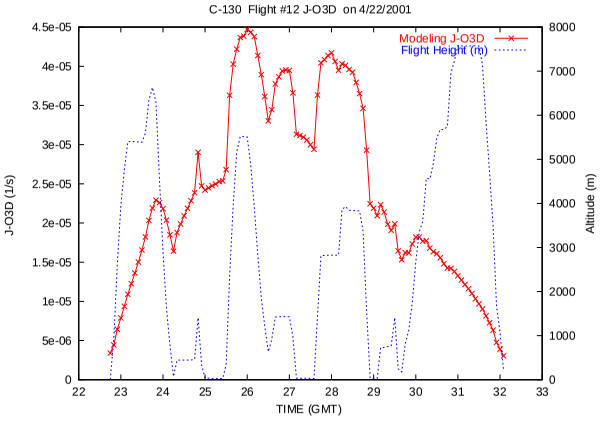

C-130 Flight #12 Other PM10 on 4/22/2001
Modeling Other PM10
Flight Height (m)
Other PM10 (ug/m3)
Altitude (m)
TIME (GMT)

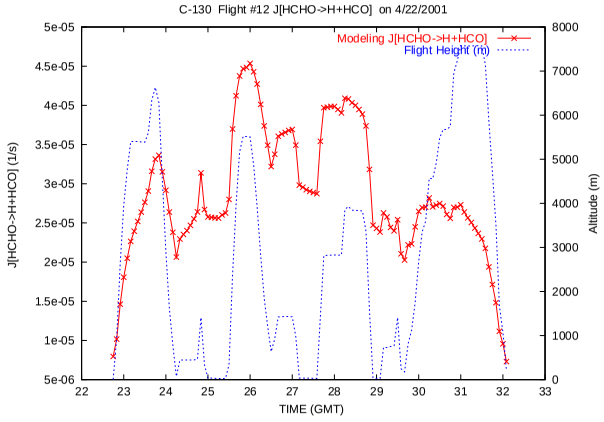

C-130 Flight #12 Fine Dust on 4/22/2001
Modeling Fine Dust
Flight Height (m)
Fine Dust (ug/m3)
Altitude (m)
TIME (GMT)

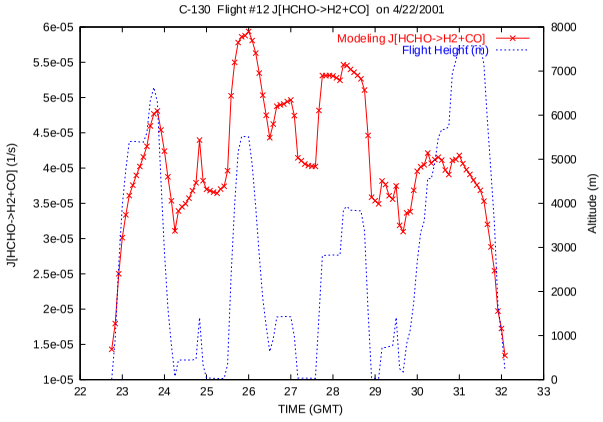

C-130 Flight #12 Coarse Dust on 4/22/2001
Modeling Coarse Dust
Flight Height (m)
Coarse Dust (ug/m3)
Altitude (m)
TIME (GMT)

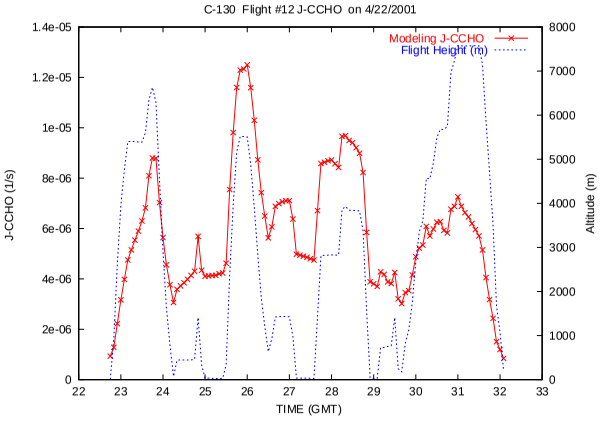

C-130 Flight #12 Sea Salt on 4/22/2001
Modeling Sea Salt
Flight Height (m)
Sea Salt (ug/m3)
Altitude (m)
TIME (GMT)

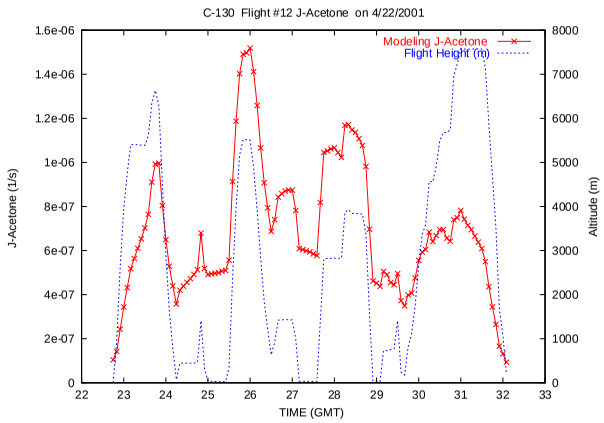

C-130 Flight #12 J-NO2 on 4/22/2001
Modeling J-NO2
Flight Height (m)
J-NO2 (1/s)
Altitude (m)
TIME (GMT)

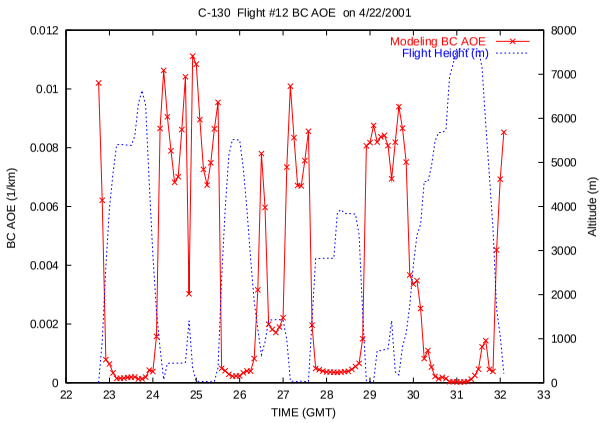

C-130 Flight #12 J-O3D on 4/22/2001
Modeling J-O3D
Flight Height (m)
J-O3D (1/s)
Altitude (m)
TIME (GMT)

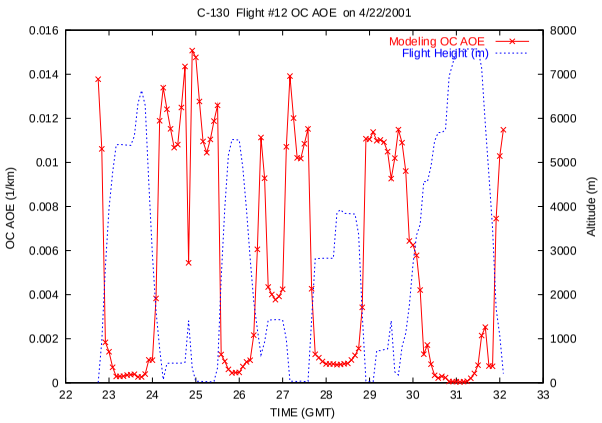

C-130 Flight #12 J[HCHO->H+HCO] on 4/22/2001
Modeling J[HCHO->H+HCO]
Flight Height (m)
J[HCHO->H+HCO] (1/s)
Altitude (m)
TIME (GMT)

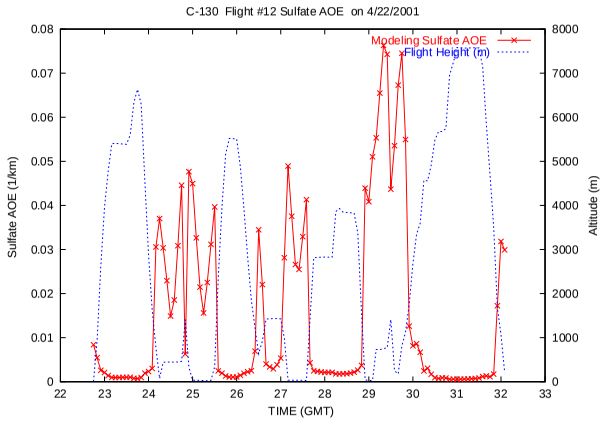

C-130 Flight #12 J[HCHO->H2+CO] on 4/22/2001
Modeling J[HCHO->H2+CO]
Flight Height (m)
J[HCHO->H2+CO] (1/s)
Altitude (m)
TIME (GMT)

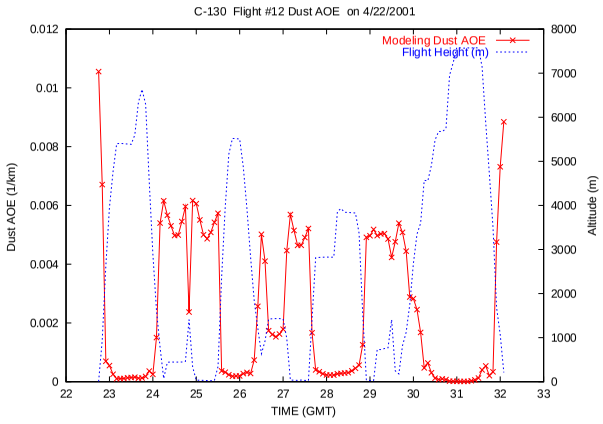

C-130 Flight #12 J-CCHO on 4/22/2001
Modeling J-CCHO
Flight Height (m)
J-CCHO (1/s)
Altitude (m)
TIME (GMT)

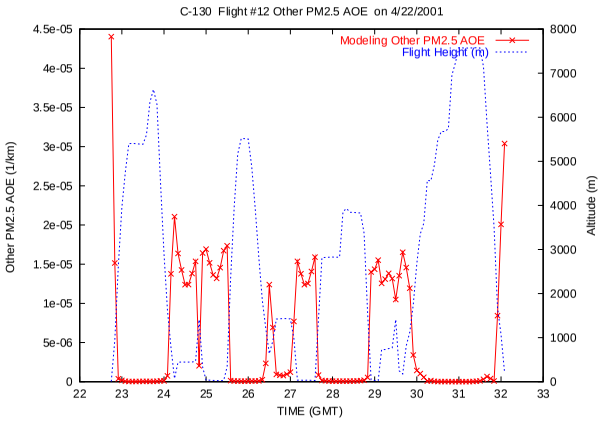

C-130 Flight #12 J-Acetone on 4/22/2001
Modeling J-Acetone
Flight Height (m)
J-Acetone (1/s)
Altitude (m)
TIME (GMT)

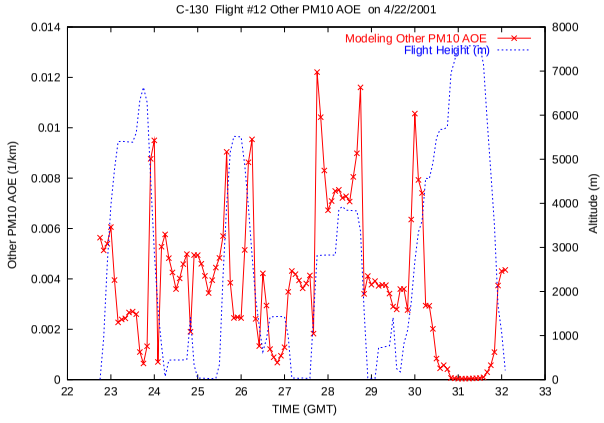

C-130 Flight #12 BC AOE on 4/22/2001
Modeling BC AOE
Flight Height (m)
BC AOE (1/km)
Altitude (m)
TIME (GMT)

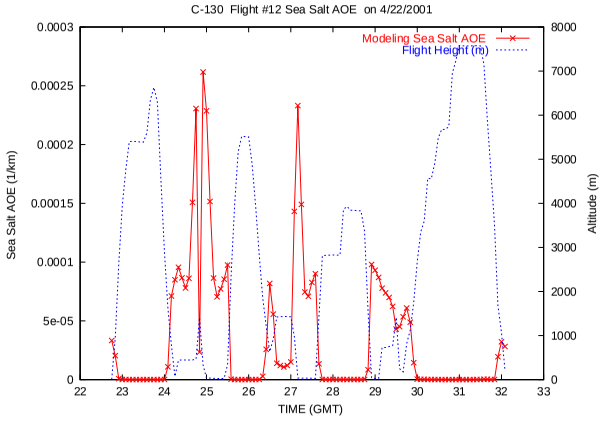

C-130 Flight #12 OC AOE on 4/22/2001
Modeling OC AOE
Flight Height (m)
OC AOE (1/km)
Altitude (m)
TIME (GMT)

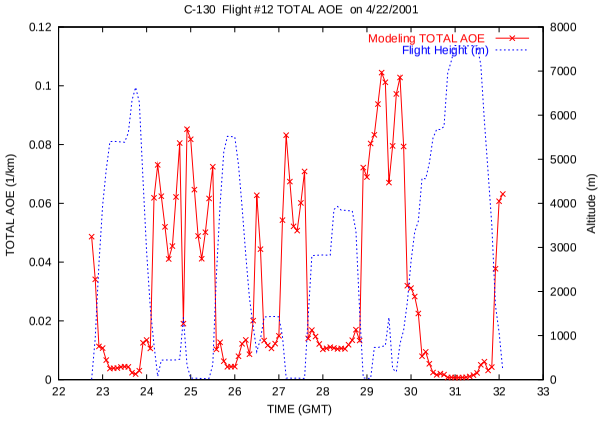

C-130 Flight #12 Sulfate AOE on 4/22/2001
Modeling Sulfate AOE
Flight Height (m)
Sulfate AOE (1/km)
Altitude (m)
TIME (GMT)


C-130 Flight #12 Dust AOE on 4/22/2001
Modeling Dust AOE
Flight Height (m)
Dust AOE (1/km)
Altitude (m)
TIME (GMT)

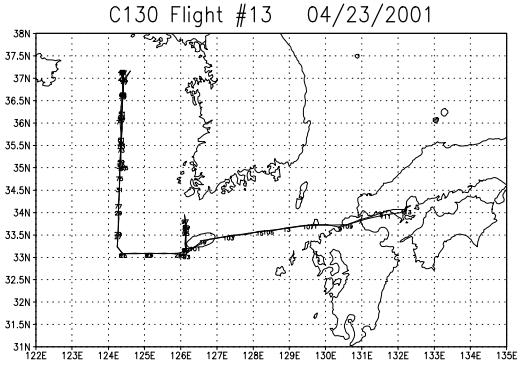

C-130 Flight #12 Other PM2.5 AOE on 4/22/2001
Modeling Other PM2.5 AOE
Flight Height (m)
Other PM2.5 AOE (1/km)
Altitude (m)
TIME (GMT)

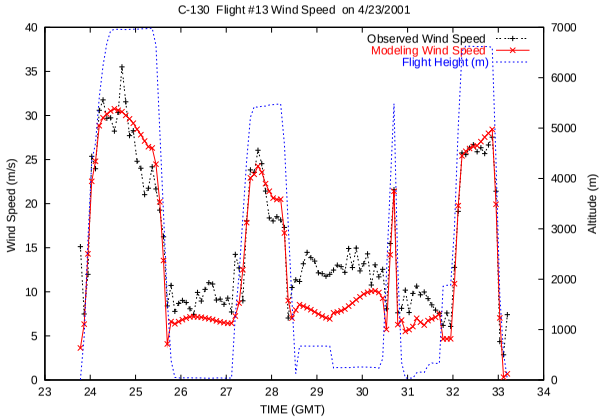

C-130 Flight #12 Other PM10 AOE on 4/22/2001
Modeling Other PM10 AOE
Flight Height (m)
Other PM10 AOE (1/km)
Altitude (m)
TIME (GMT)

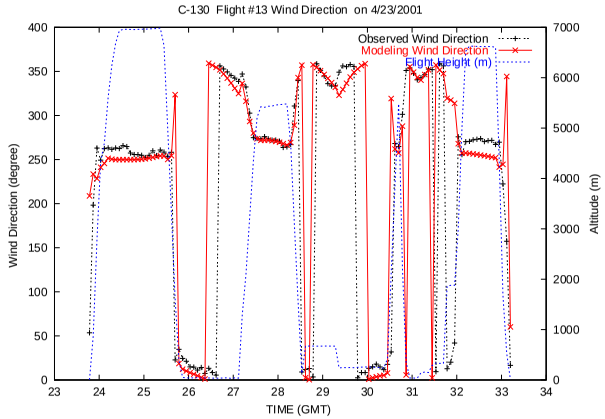

C-130 Flight #12 Sea Salt AOE on 4/22/2001
Modeling Sea Salt AOE
Flight Height (m)
Sea Salt AOE (1/km)
Altitude (m)
TIME (GMT)

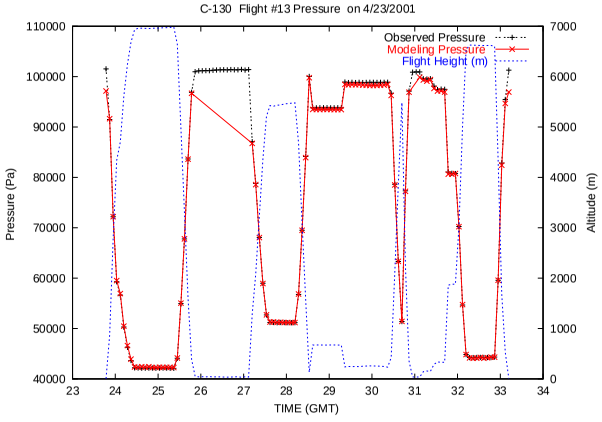

C-130 Flight #12 TOTAL AOE on 4/22/2001
Modeling TOTAL AOE
Flight Height (m)
TOTAL AOE (1/km)
Altitude (m)
TIME (GMT)

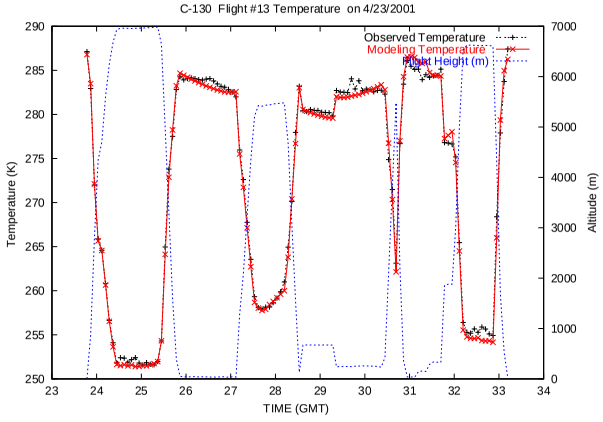
ACE-ASIA C-130 Flight #13

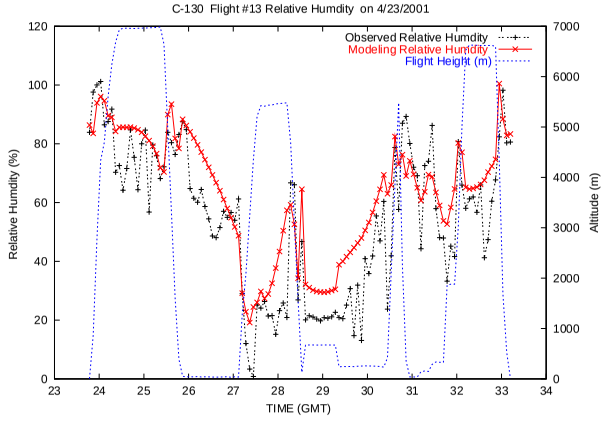


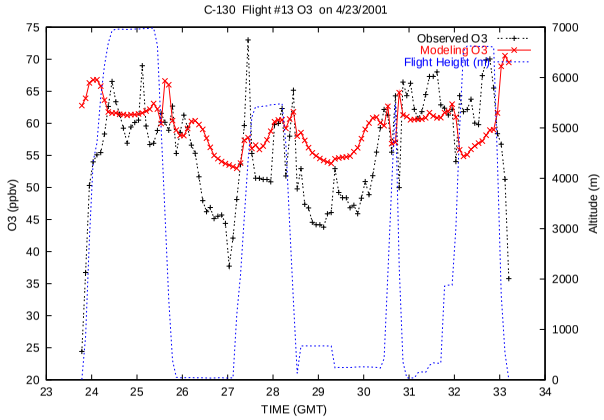


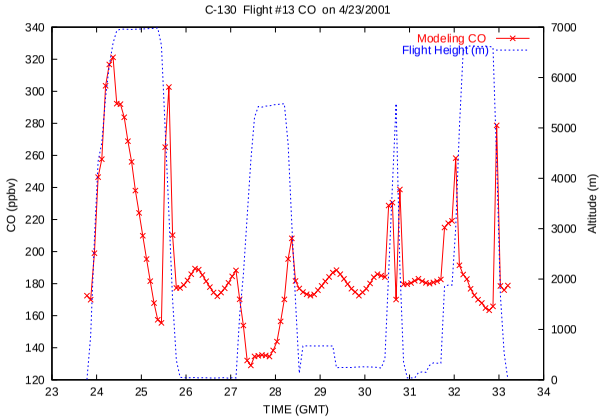


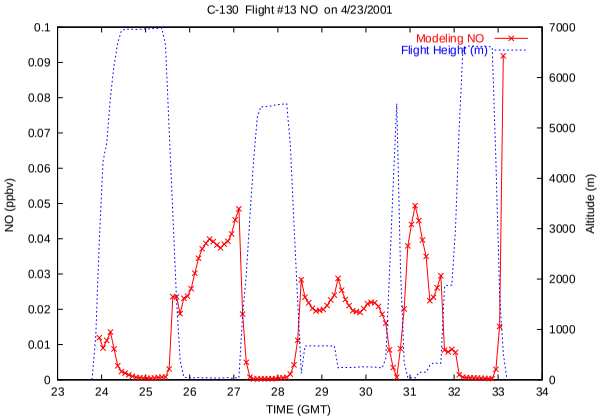


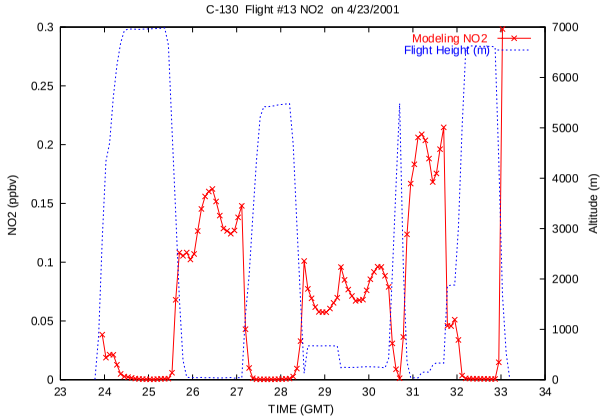


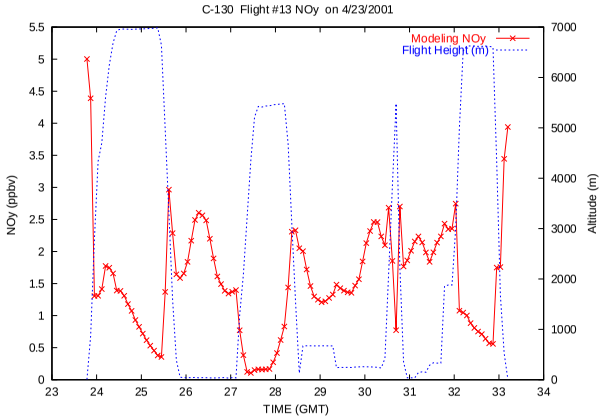


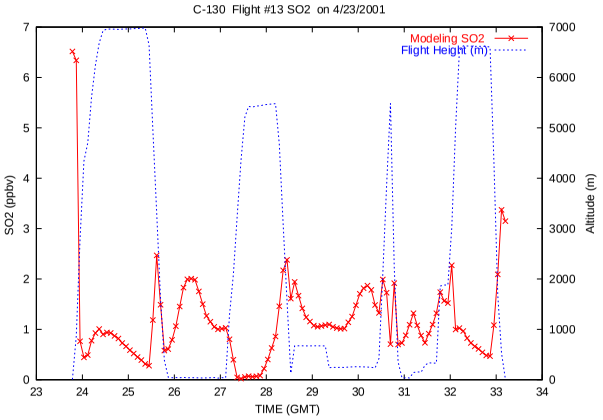

C-130 Flight #13 O3 on 4/23/2001
Observed O3
Modeling O3
Flight Height (m)
O3 (ppbv)
Altitude (m)
TIME (GMT)

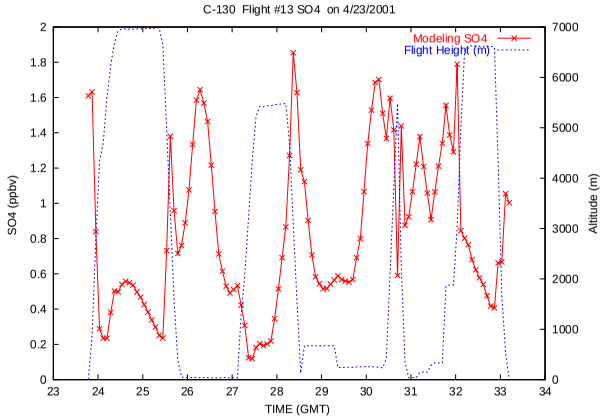

C-130 Flight #13 CO on 4/23/2001
Modeling CO
Flight Height (m)
CO (ppbv)
Altitude (m)
TIME (GMT)

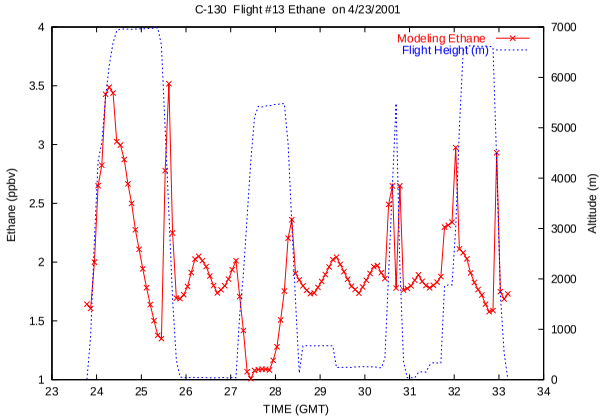

C-130 Flight #13 NO on 4/23/2001
Modeling NO
Flight Height (m)
NO (ppbv)
Altitude (m)
TIME (GMT)

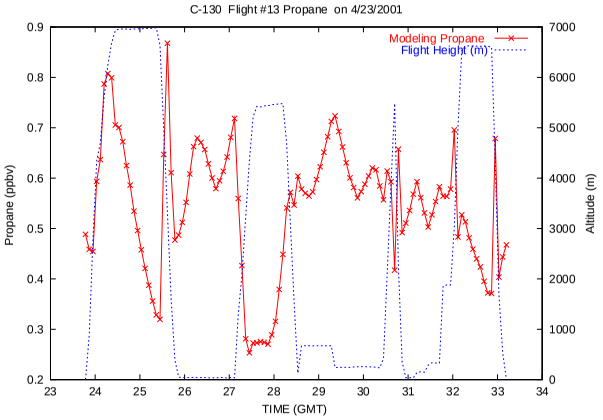

C-130 Flight #13 NO2 on 4/23/2001
Modeling NO2
Flight Height (m)
NO2 (ppbv)
Altitude (m)
TIME (GMT)

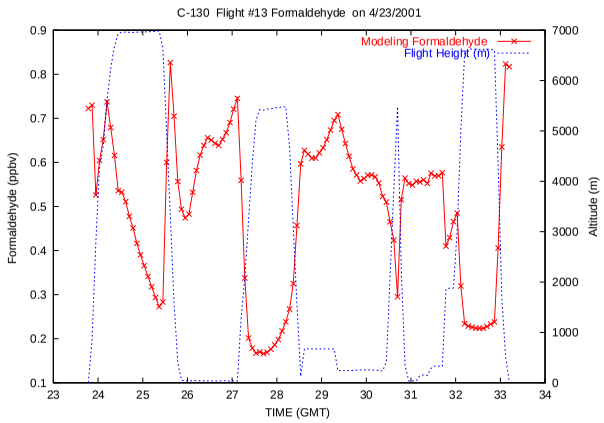

C-130 Flight #13 NOy on 4/23/2001
Modeling NOy
Flight Height (m)
NOy (ppbv)
Altitude (m)
TIME (GMT)

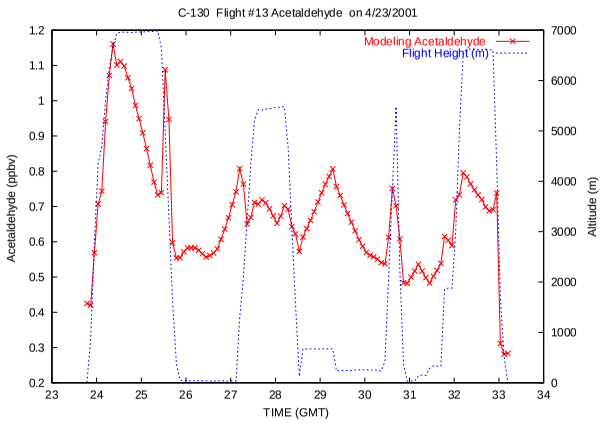

C-130 Flight #13 SO2 on 4/23/2001
Modeling SO2
Flight Height (m)
SO2 (ppbv)
Altitude (m)
TIME (GMT)

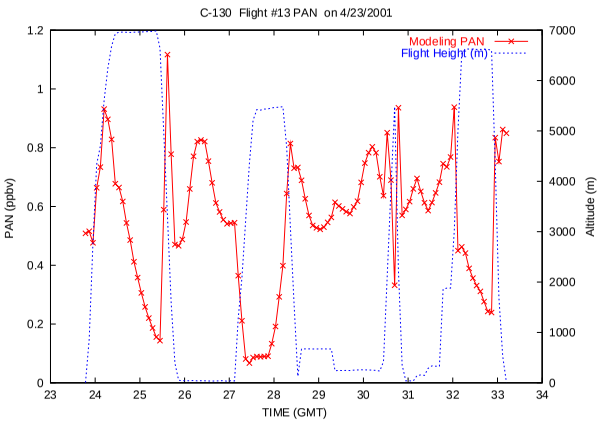

C-130 Flight #13 SO4 on 4/23/2001
Modeling SO4
Flight Height (m)
SO4 (ppbv)
Altitude (m)
TIME (GMT)

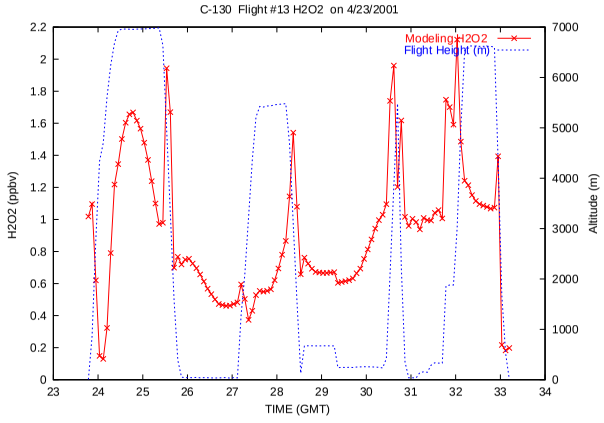

C-130 Flight #13 Ethane on 4/23/2001
Modeling Ethane
Flight Height (m)
Ethane (ppbv)
Altitude (m)
TIME (GMT)

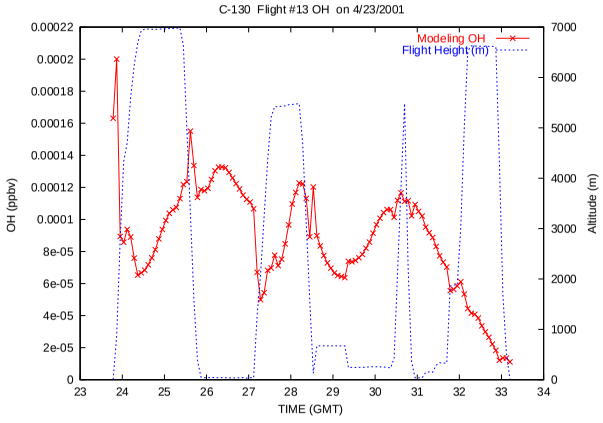

C-130 Flight #13 Propane on 4/23/2001
Modeling Propane
Flight Height (m)
Propane (ppbv)
Altitude (m)
TIME (GMT)

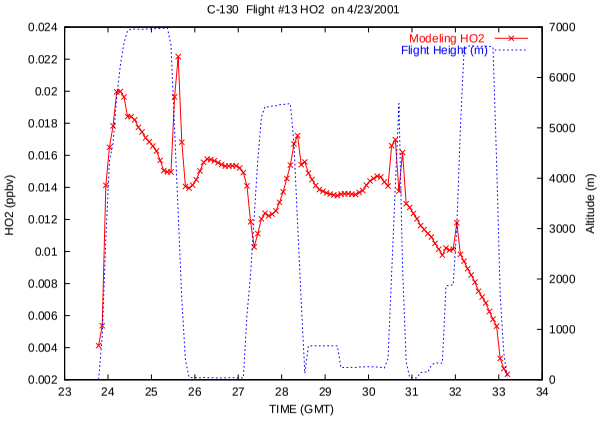

C-130 Flight #13 Formaldehyde on 4/23/2001
Modeling Formaldehyde
Flight Height (m)
Formaldehyde (ppbv)
Altitude (m)
TIME (GMT)

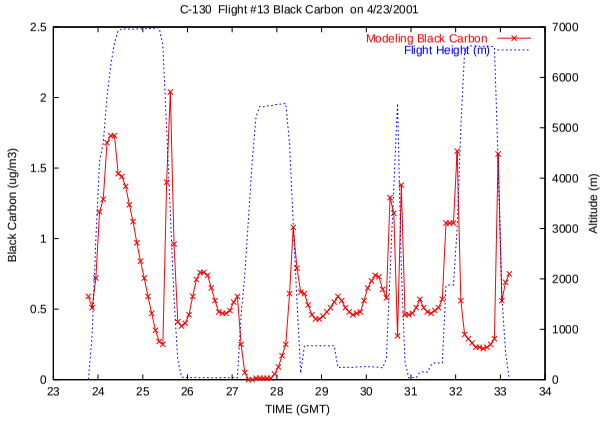

C-130 Flight #13 Acetaldehyde on 4/23/2001
Modeling Acetaldehyde
Flight Height (m)
Acetaldehyde (ppbv)
Altitude (m)
TIME (GMT)

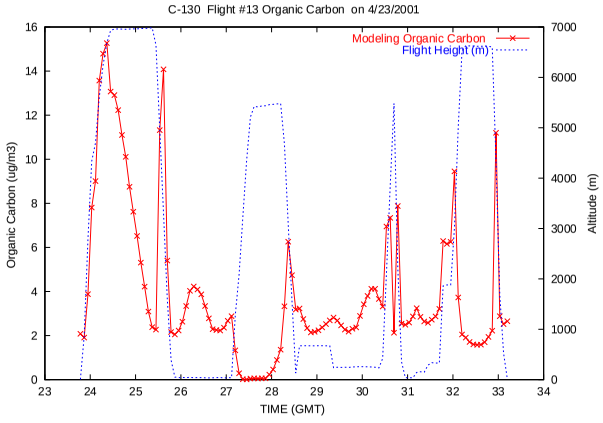

C-130 Flight #13 PAN on 4/23/2001
Modeling PAN
Flight Height (m)
PAN (ppbv)
Altitude (m)
TIME (GMT)

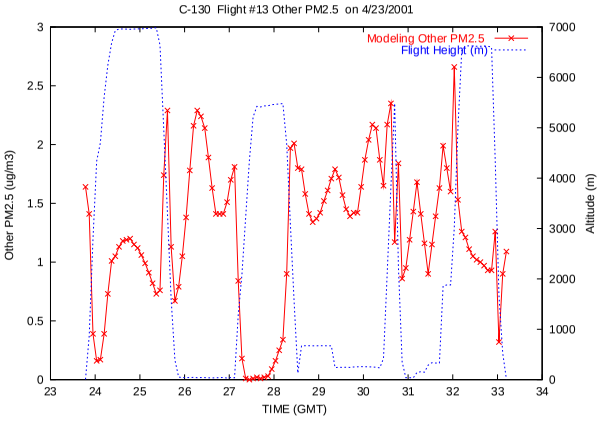

C-130 Flight #13 H2O2 on 4/23/2001
Modeling H2O2
Flight Height (m)
H2O2 (ppbv)
Altitude (m)
TIME (GMT)

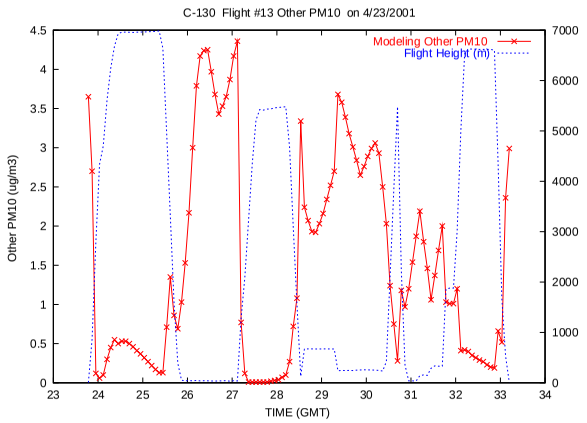

C-130 Flight #13 OH on 4/23/2001
Modeling OH
Flight Height (m)
OH (ppbv)
Altitude (m)
TIME (GMT)

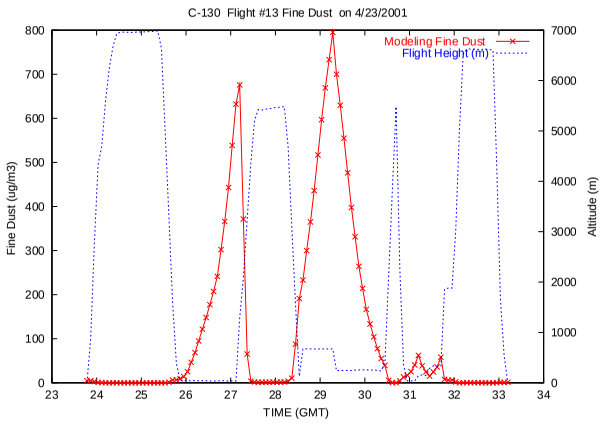

C-130 Flight #13 HO2 on 4/23/2001
Modeling HO2
Flight Height (m)
HO2 (ppbv)
Altitude (m)
TIME (GMT)

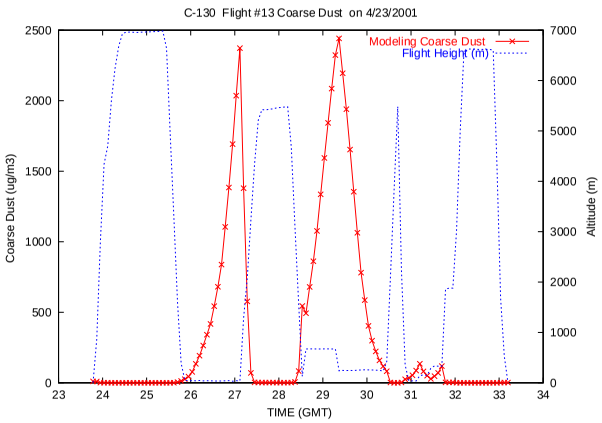

C-130 Flight #13 Black Carbon on 4/23/2001
Modeling Black Carbon
Flight Height (m)
Black Carbon (ug/m3)
Altitude (m)
TIME (GMT)

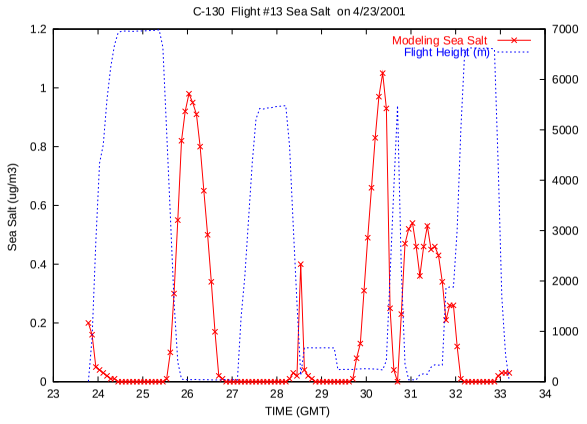

C-130 Flight #13 Organic Carbon on 4/23/2001
Modeling Organic Carbon
Flight Height (m)
Organic Carbon (ug/m3)
Altitude (m)
TIME (GMT)

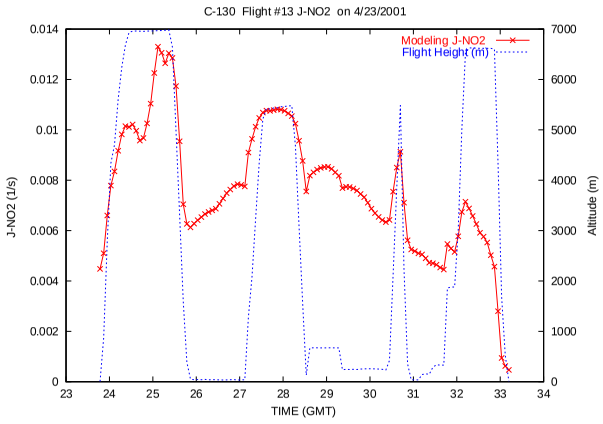

C-130 Flight #13 Other PM2.5 on 4/23/2001
Modeling Other PM2.5
Flight Height (m)
Other PM2.5 (ug/m3)
Altitude (m)
TIME (GMT)

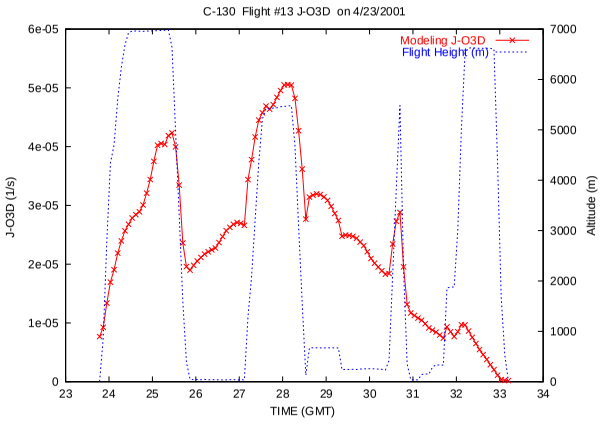

C-130 Flight #13 Other PM10 on 4/23/2001
Modeling Other PM10
Flight Height (m)
Other PM10 (ug/m3)
Altitude (m)
TIME (GMT)

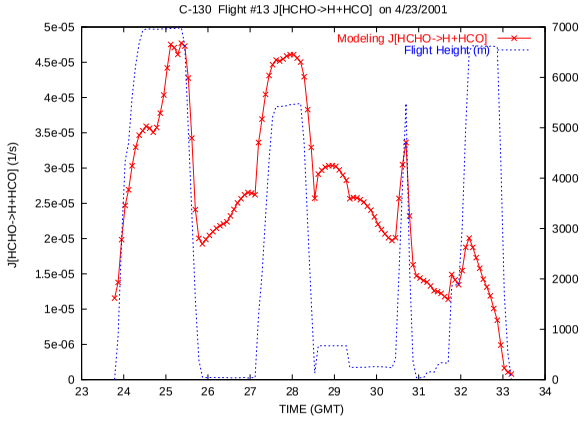

C-130 Flight #13 Fine Dust on 4/23/2001
Modeling Fine Dust
Flight Height (m)
Fine Dust (ug/m3)
Altitude (m)
TIME (GMT)

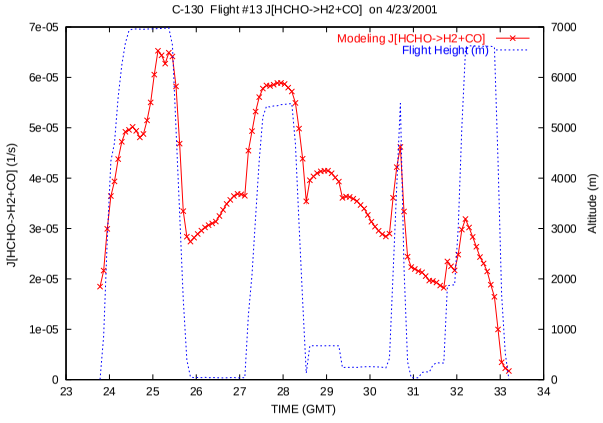

C-130 Flight #13 Coarse Dust on 4/23/2001
Modeling Coarse Dust
Flight Height (m)
Coarse Dust (ug/m3)
Altitude (m)
TIME (GMT)

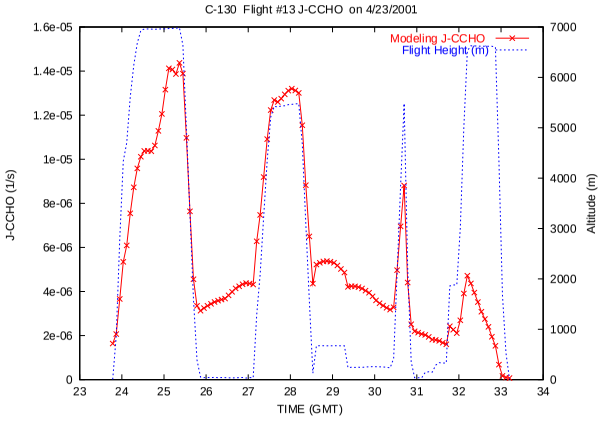

C-130 Flight #13 Sea Salt on 4/23/2001
Modeling Sea Salt
Flight Height (m)
Sea Salt (ug/m3)
Altitude (m)
TIME (GMT)

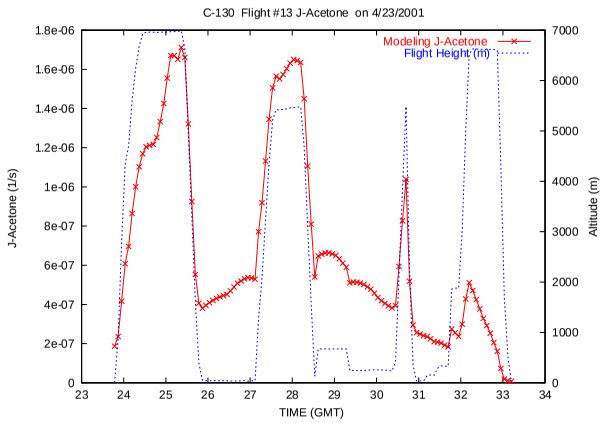

C-130 Flight #13 J-NO2 on 4/23/2001
Modeling J-NO2
Flight Height (m)
J-NO2 (1/s)
Altitude (m)
TIME (GMT)

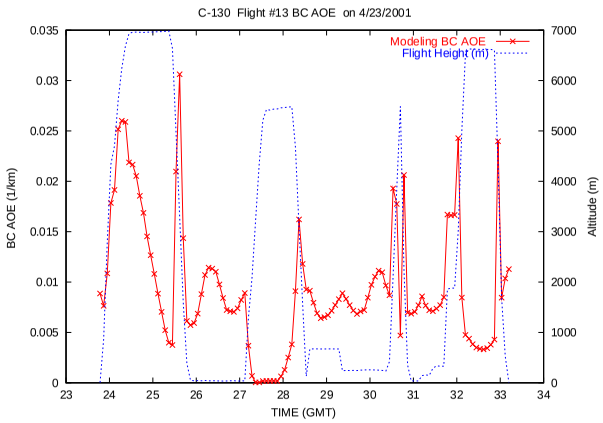

C-130 Flight #13 J-O3D on 4/23/2001
Modeling J-O3D
Flight Height (m)
J-O3D (1/s)
Altitude (m)
TIME (GMT)

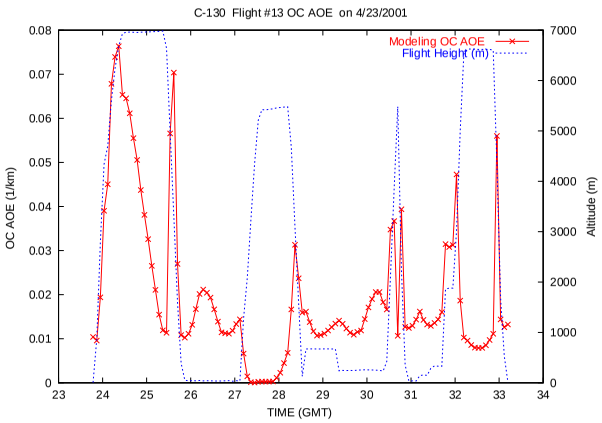

C-130 Flight #13 J[HCHO->H+HCO] on 4/23/2001
Modeling J[HCHO->H+HCO]
Flight Height (m)
J[HCHO->H+HCO] (1/s)
Altitude (m)
TIME (GMT)

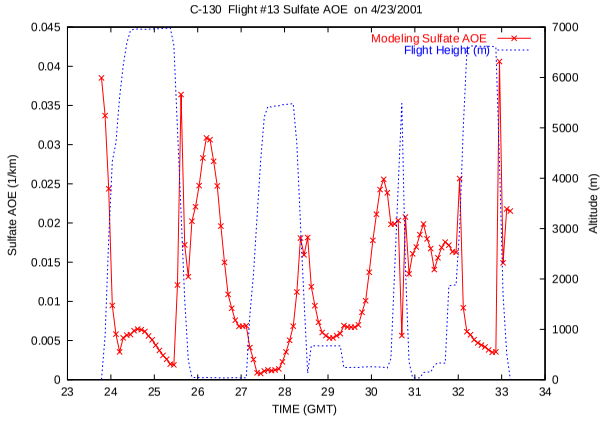

C-130 Flight #13 J[HCHO->H2+CO] on 4/23/2001
Modeling J[HCHO->H2+CO]
Flight Height (m)
J[HCHO->H2+CO] (1/s)
Altitude (m)
TIME (GMT)

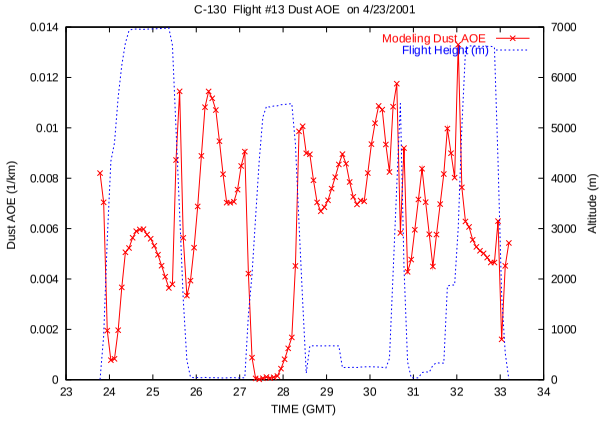

C-130 Flight #13 J-CCHO on 4/23/2001
Modeling J-CCHO
Flight Height (m)
J-CCHO (1/s)
Altitude (m)
TIME (GMT)

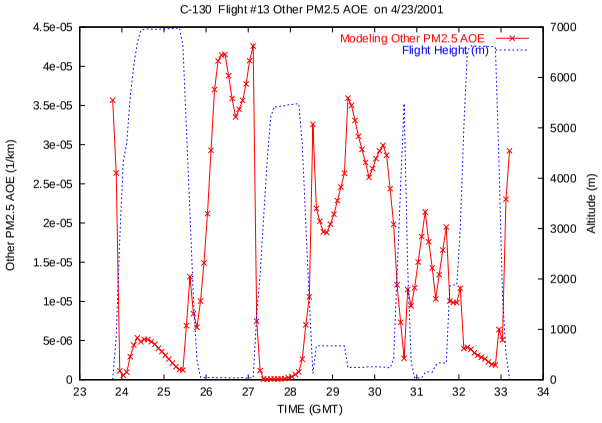

C-130 Flight #13 J-Acetone on 4/23/2001
Modeling J-Acetone
Flight Height (m)
J-Acetone (1/s)
Altitude (m)
TIME (GMT)

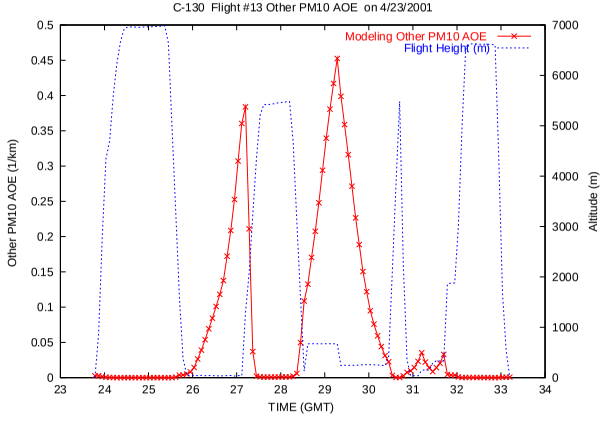

C-130 Flight #13 BC AOE on 4/23/2001
Modeling BC AOE
Flight Height (m)
BC AOE (1/km)
Altitude (m)
TIME (GMT)

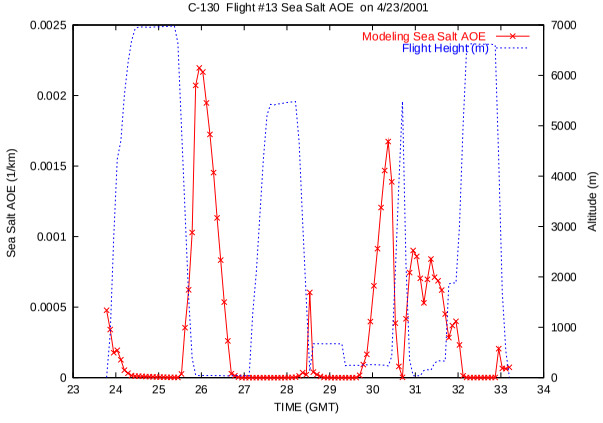

C-130 Flight #13 OC AOE on 4/23/2001
Modeling OC AOE
Flight Height (m)
OC AOE (1/km)
Altitude (m)
TIME (GMT)

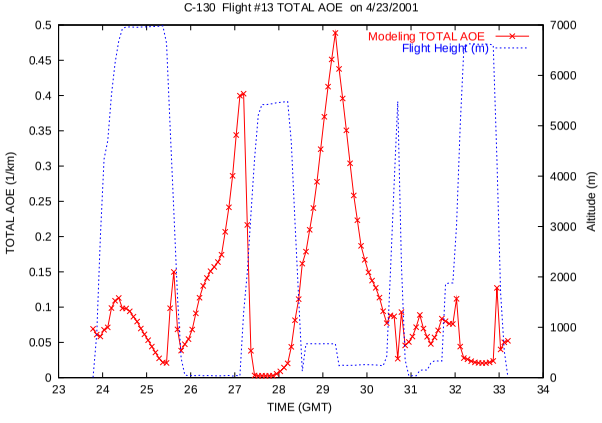

C-130 Flight #13 Sulfate AOE on 4/23/2001
Modeling Sulfate AOE
Flight Height (m)
Sulfate AOE (1/km)
Altitude (m)
TIME (GMT)


C-130 Flight #13 Dust AOE on 4/23/2001
Modeling Dust AOE
Flight Height (m)
Dust AOE (1/km)
Altitude (m)
TIME (GMT)

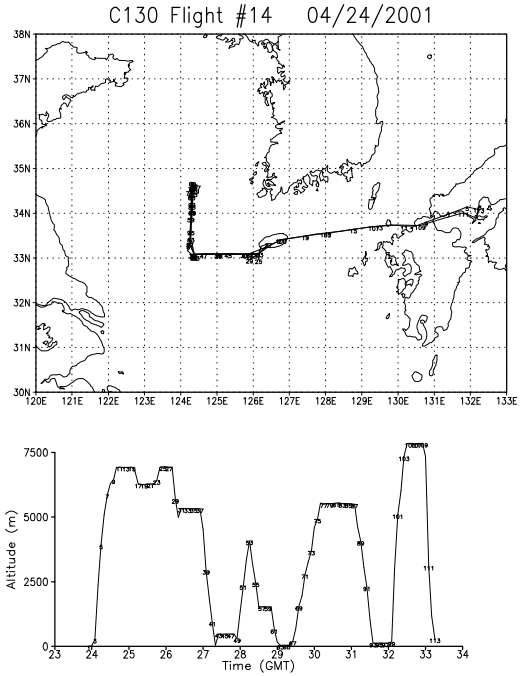

C-130 Flight #13 Other PM2.5 AOE on 4/23/2001
Modeling Other PM2.5 AOE
Flight Height (m)
Other PM2.5 AOE (1/km)
Altitude (m)
TIME (GMT)

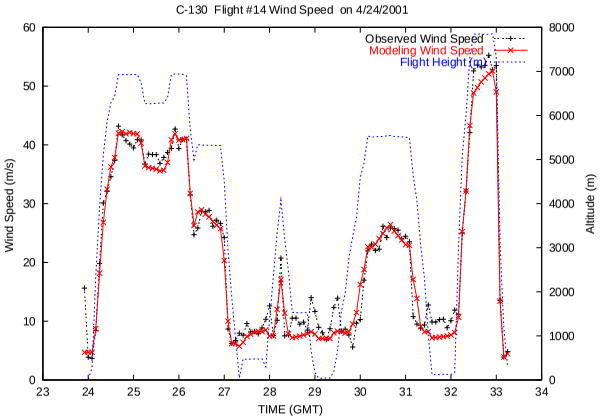

C-130 Flight #13 Other PM10 AOE on 4/23/2001
Modeling Other PM10 AOE
Flight Height (m)
Other PM10 AOE (1/km)
Altitude (m)
TIME (GMT)

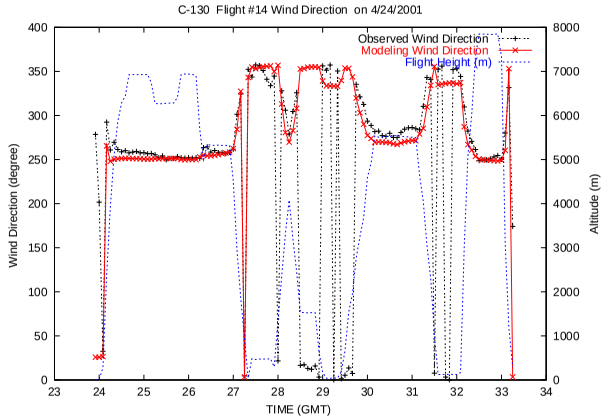

C-130 Flight #13 Sea Salt AOE on 4/23/2001
Modeling Sea Salt AOE
Flight Height (m)
Sea Salt AOE (1/km)
Altitude (m)
TIME (GMT)

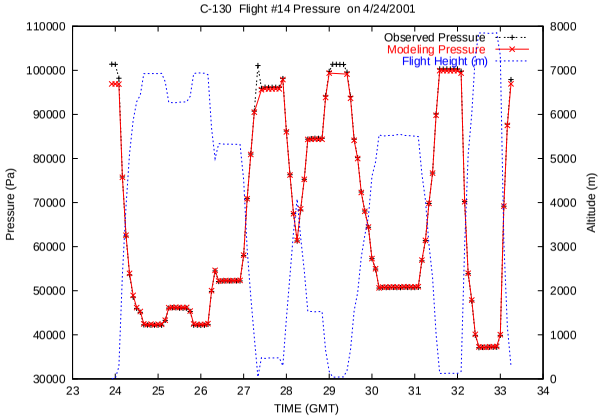

C-130 Flight #13 TOTAL AOE on 4/23/2001
Modeling TOTAL AOE
Flight Height (m)
TOTAL AOE (1/km)
Altitude (m)
TIME (GMT)

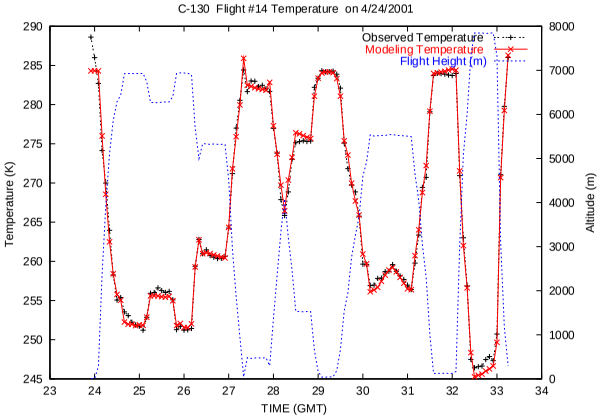
ACE-ASIA C-130 Flight #14

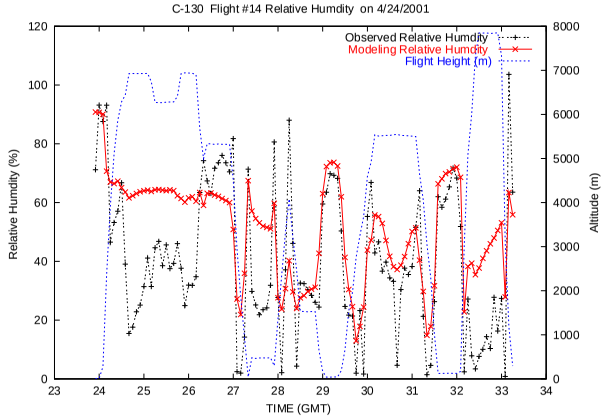


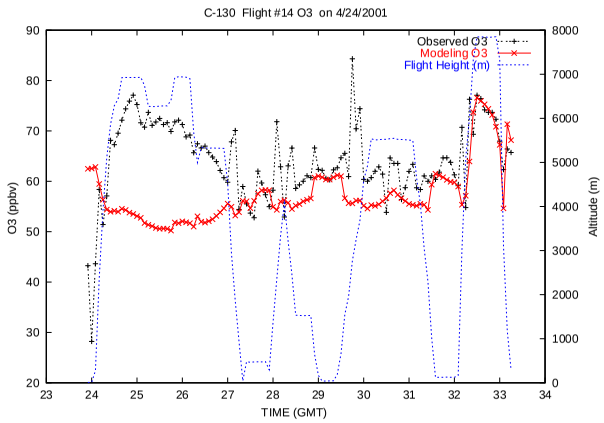


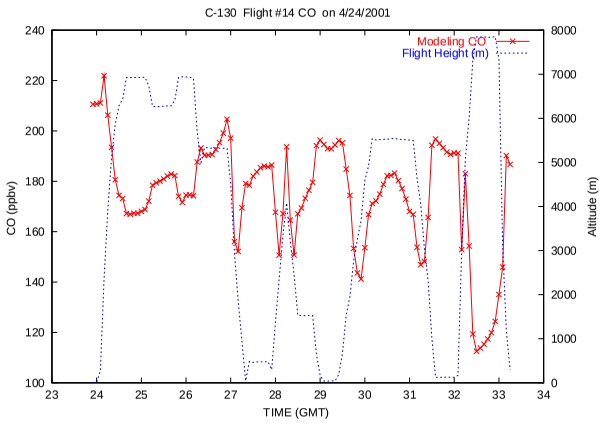


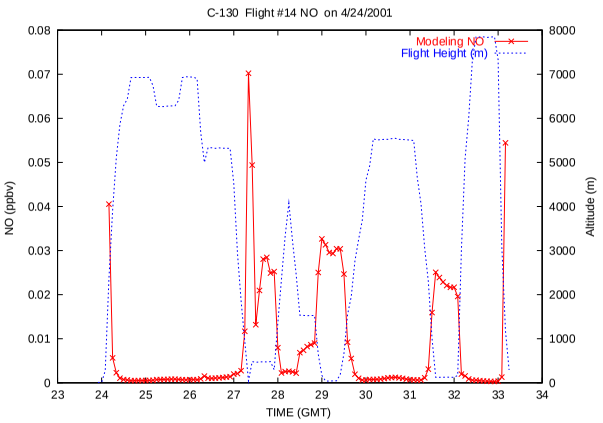


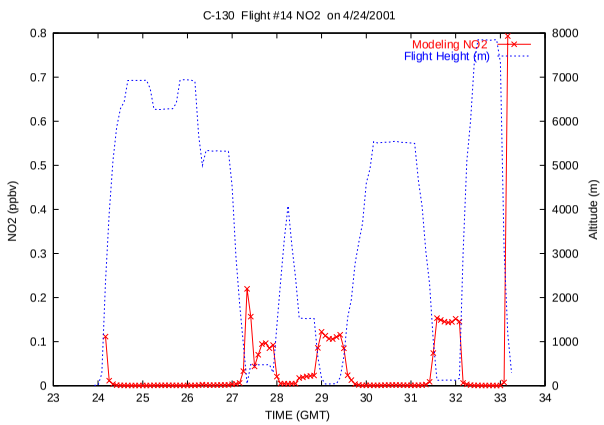


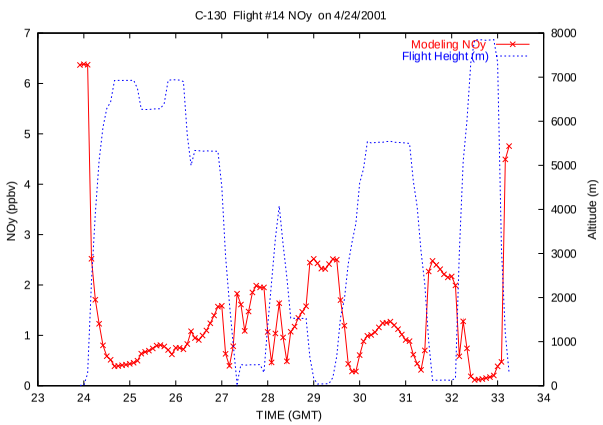


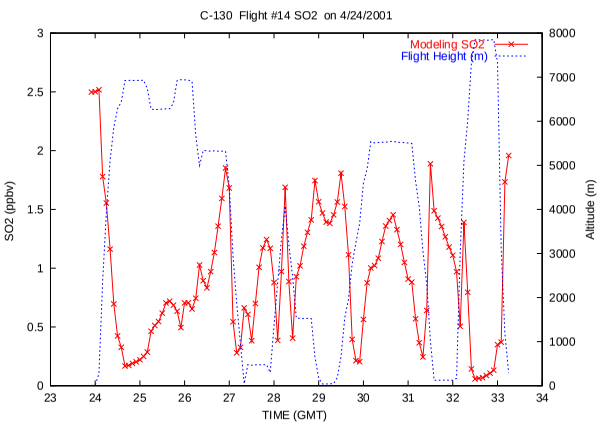

C-130 Flight #14 O3 on 4/24/2001
Observed O3
Modeling O3
Flight Height (m)
O3 (ppbv)
Altitude (m)
TIME (GMT)

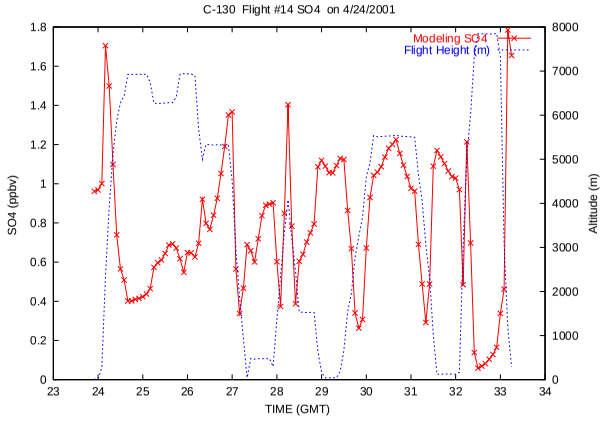

C-130 Flight #14 CO on 4/24/2001
Modeling CO
Flight Height (m)
CO (ppbv)
Altitude (m)
TIME (GMT)

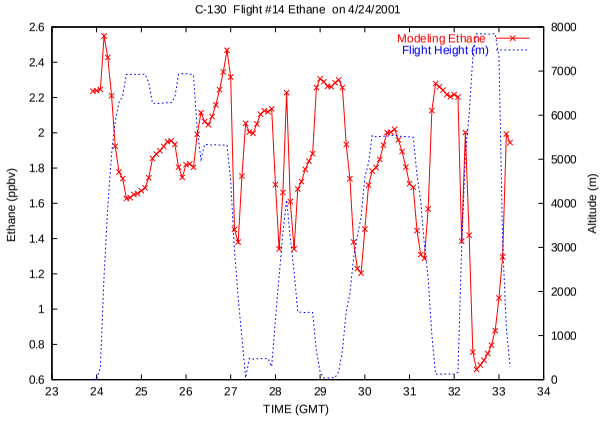

C-130 Flight #14 NO on 4/24/2001
Modeling NO
Flight Height (m)
NO (ppbv)
Altitude (m)
TIME (GMT)

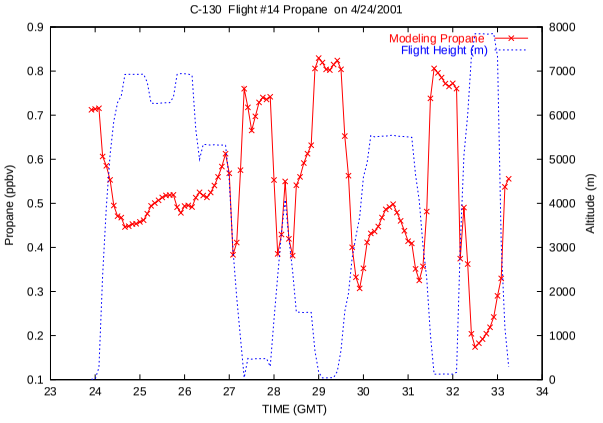

C-130 Flight #14 NO2 on 4/24/2001
Modeling NO2
Flight Height (m)
NO2 (ppbv)
Altitude (m)
TIME (GMT)

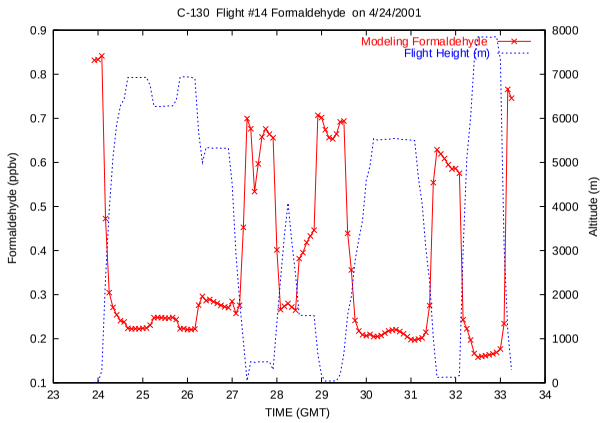

C-130 Flight #14 NOy on 4/24/2001
Modeling NOy
Flight Height (m)
NOy (ppbv)
Altitude (m)
TIME (GMT)

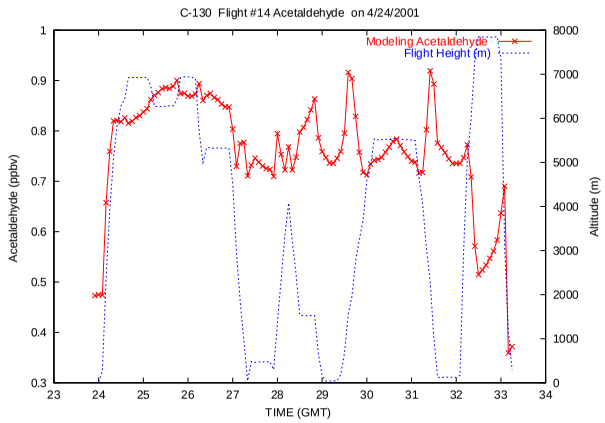

C-130 Flight #14 SO2 on 4/24/2001
Modeling SO2
Flight Height (m)
SO2 (ppbv)
Altitude (m)
TIME (GMT)

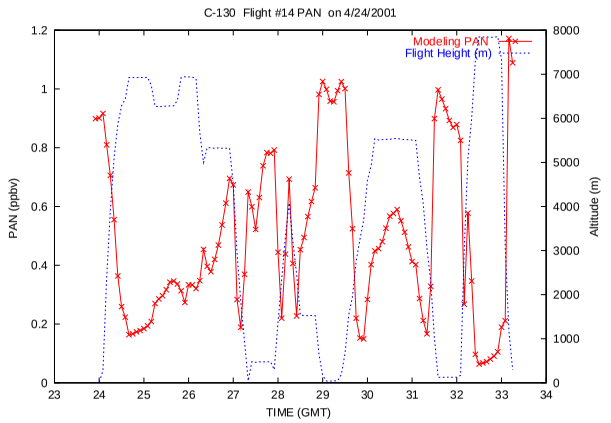

C-130 Flight #14 SO4 on 4/24/2001
Modeling SO4
Flight Height (m)
SO4 (ppbv)
Altitude (m)
TIME (GMT)

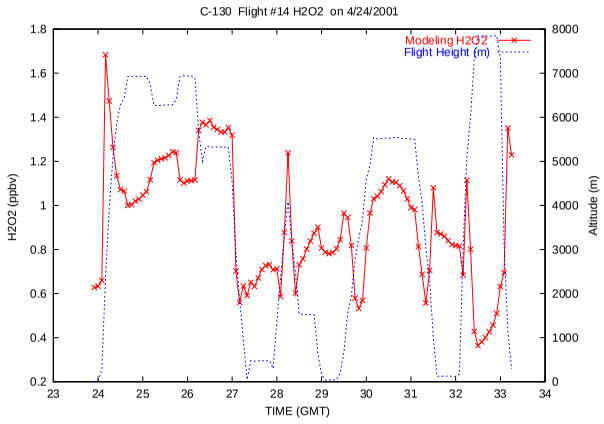

C-130 Flight #14 Ethane on 4/24/2001
Modeling Ethane
Flight Height (m)
Ethane (ppbv)
Altitude (m)
TIME (GMT)

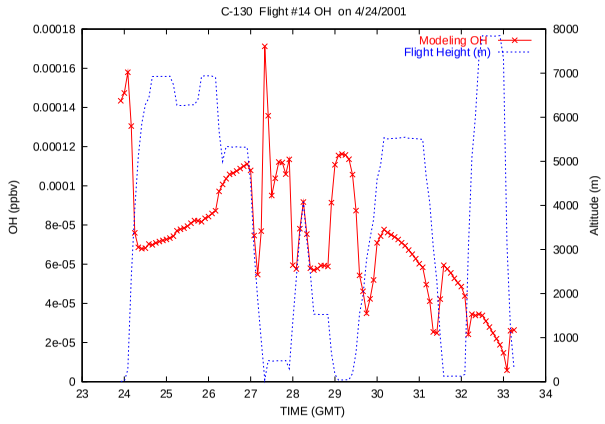

C-130 Flight #14 Propane on 4/24/2001
Modeling Propane
Flight Height (m)
Propane (ppbv)
Altitude (m)
TIME (GMT)

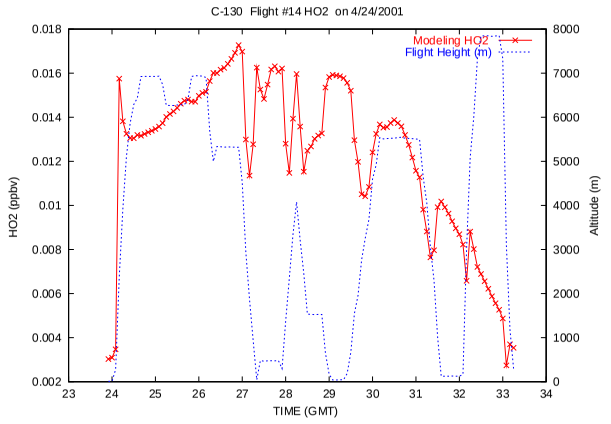

C-130 Flight #14 Formaldehyde on 4/24/2001
Modeling Formaldehyde
Flight Height (m)
Formaldehyde (ppbv)
Altitude (m)
TIME (GMT)

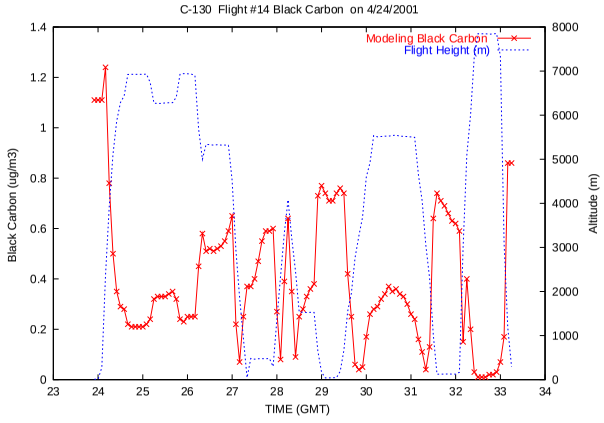

C-130 Flight #14 Acetaldehyde on 4/24/2001
Modeling Acetaldehyde
Flight Height (m)
Acetaldehyde (ppbv)
Altitude (m)
TIME (GMT)

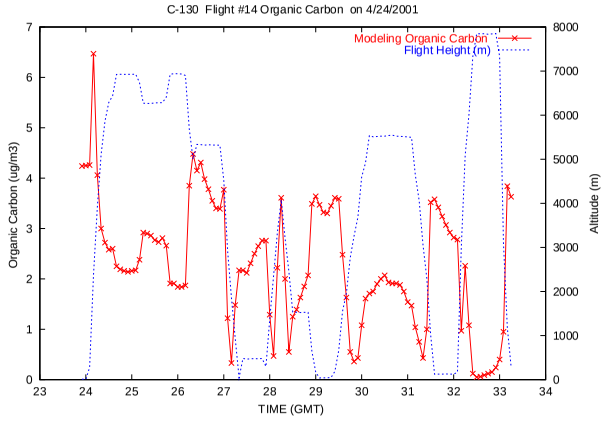

C-130 Flight #14 PAN on 4/24/2001
Modeling PAN
Flight Height (m)
PAN (ppbv)
Altitude (m)
TIME (GMT)

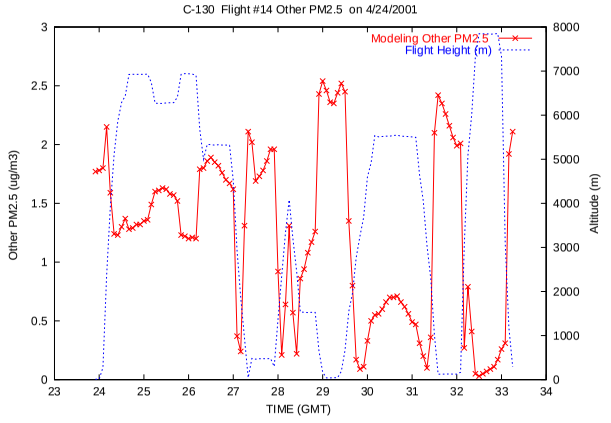

C-130 Flight #14 H2O2 on 4/24/2001
Modeling H2O2
Flight Height (m)
H2O2 (ppbv)
Altitude (m)
TIME (GMT)

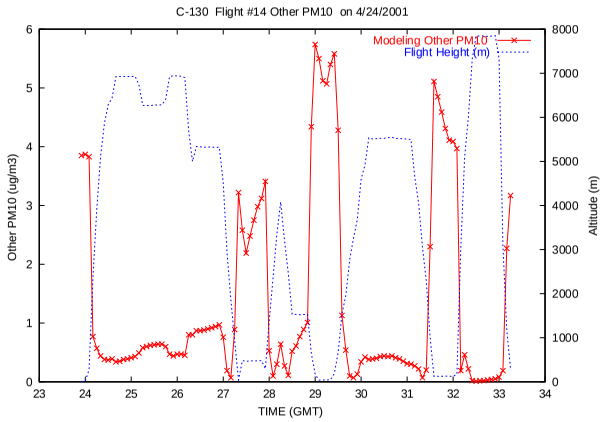

C-130 Flight #14 OH on 4/24/2001
Modeling OH
Flight Height (m)
OH (ppbv)
Altitude (m)
TIME (GMT)

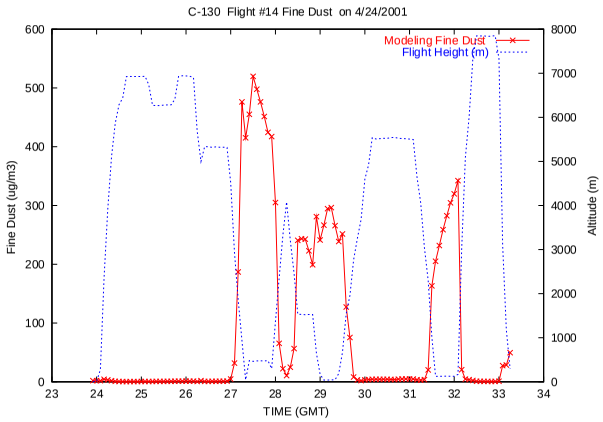

C-130 Flight #14 HO2 on 4/24/2001
Modeling HO2
Flight Height (m)
HO2 (ppbv)
Altitude (m)
TIME (GMT)

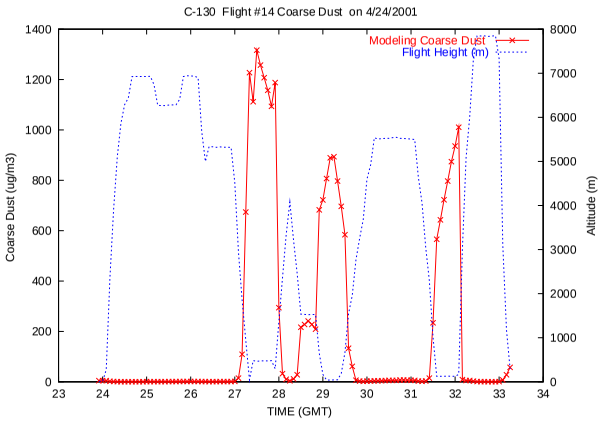

C-130 Flight #14 Black Carbon on 4/24/2001
Modeling Black Carbon
Flight Height (m)
Black Carbon (ug/m3)
Altitude (m)
TIME (GMT)

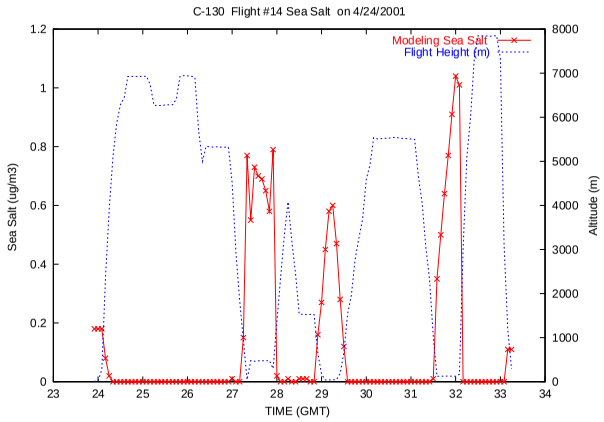

C-130 Flight #14 Organic Carbon on 4/24/2001
Modeling Organic Carbon
Flight Height (m)
Organic Carbon (ug/m3)
Altitude (m)
TIME (GMT)

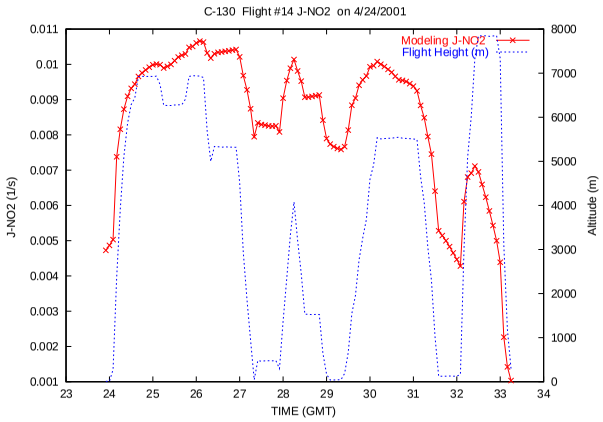

C-130 Flight #14 Other PM2.5 on 4/24/2001
Modeling Other PM2.5
Flight Height (m)
Other PM2.5 (ug/m3)
Altitude (m)
TIME (GMT)

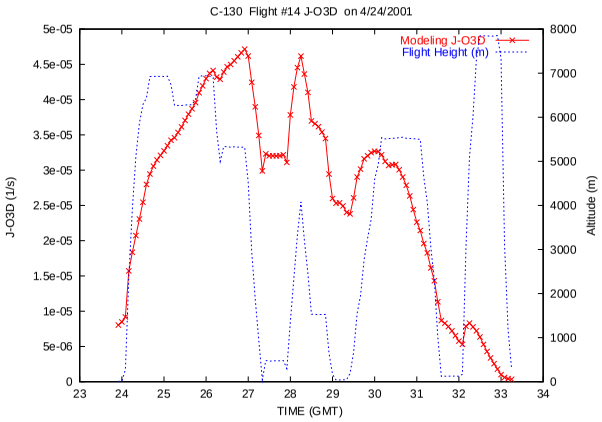

C-130 Flight #14 Other PM10 on 4/24/2001
Modeling Other PM10
Flight Height (m)
Other PM10 (ug/m3)
Altitude (m)
TIME (GMT)

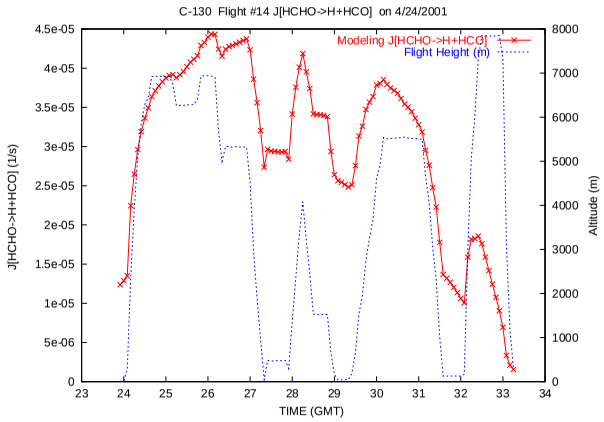

C-130 Flight #14 Fine Dust on 4/24/2001
Modeling Fine Dust
Flight Height (m)
Fine Dust (ug/m3)
Altitude (m)
TIME (GMT)

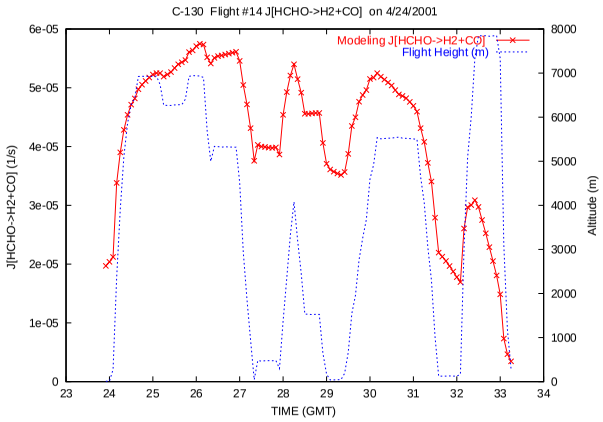

C-130 Flight #14 Coarse Dust on 4/24/2001
Modeling Coarse Dust
Flight Height (m)
Coarse Dust (ug/m3)
Altitude (m)
TIME (GMT)

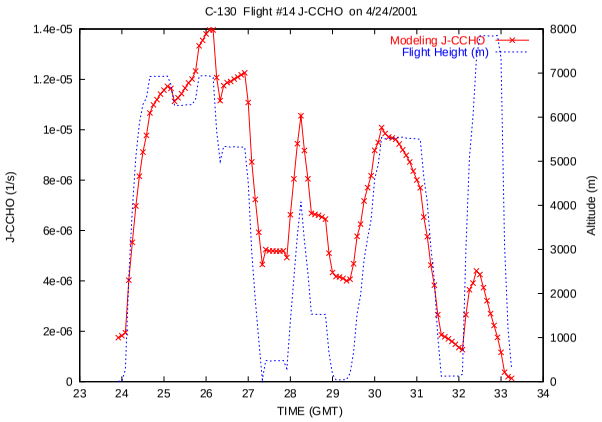

C-130 Flight #14 Sea Salt on 4/24/2001
Modeling Sea Salt
Flight Height (m)
Sea Salt (ug/m3)
Altitude (m)
TIME (GMT)

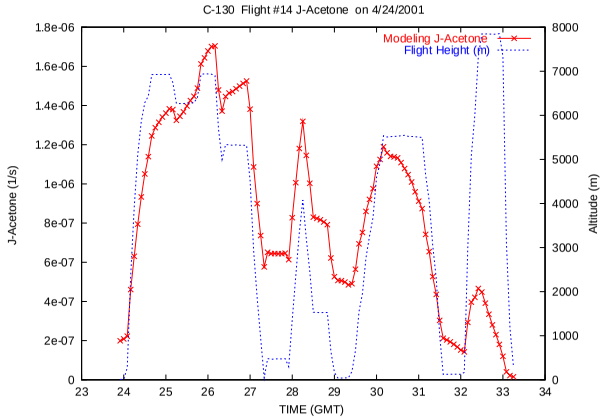

C-130 Flight #14 J-NO2 on 4/24/2001
Modeling J-NO2
Flight Height (m)
J-NO2 (1/s)
Altitude (m)
TIME (GMT)

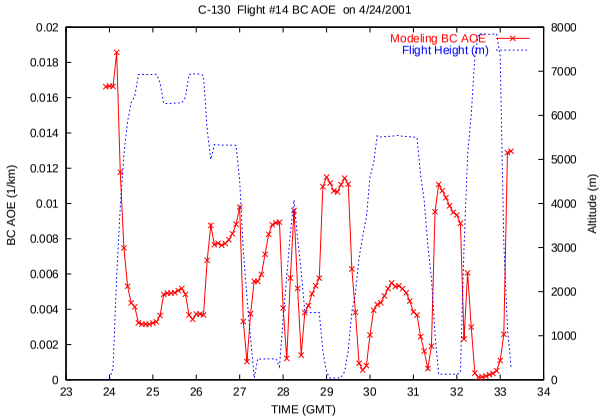

C-130 Flight #14 J-O3D on 4/24/2001
Modeling J-O3D
Flight Height (m)
J-O3D (1/s)
Altitude (m)
TIME (GMT)

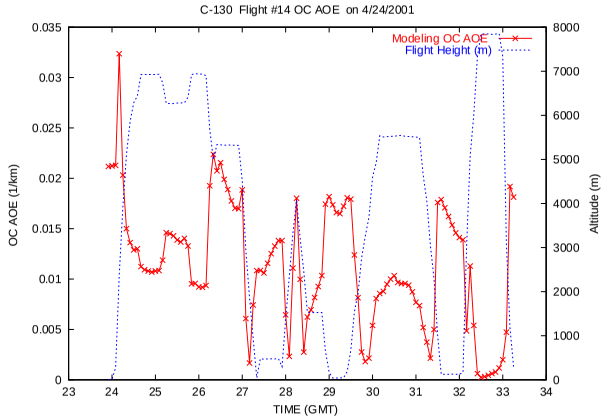

C-130 Flight #14 J[HCHO->H+HCO] on 4/24/2001
Modeling J[HCHO->H+HCO]
Flight Height (m)
J[HCHO->H+HCO] (1/s)
Altitude (m)
TIME (GMT)

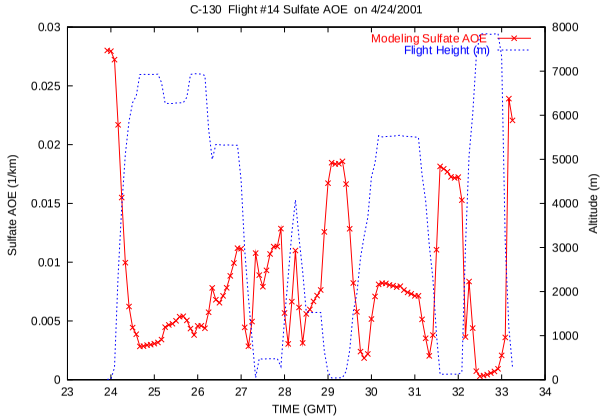

C-130 Flight #14 J[HCHO->H2+CO] on 4/24/2001
Modeling J[HCHO->H2+CO]
Flight Height (m)
J[HCHO->H2+CO] (1/s)
Altitude (m)
TIME (GMT)

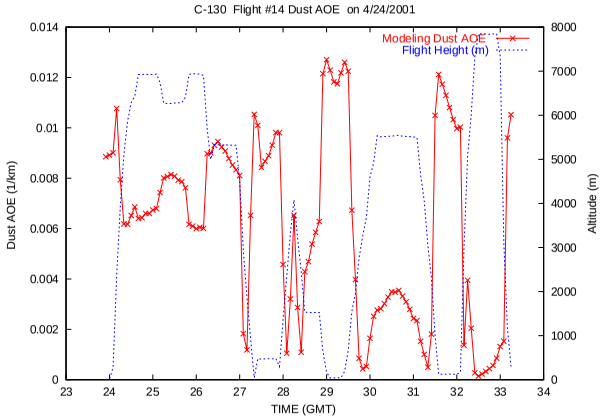

C-130 Flight #14 J-CCHO on 4/24/2001
Modeling J-CCHO
Flight Height (m)
J-CCHO (1/s)
Altitude (m)
TIME (GMT)

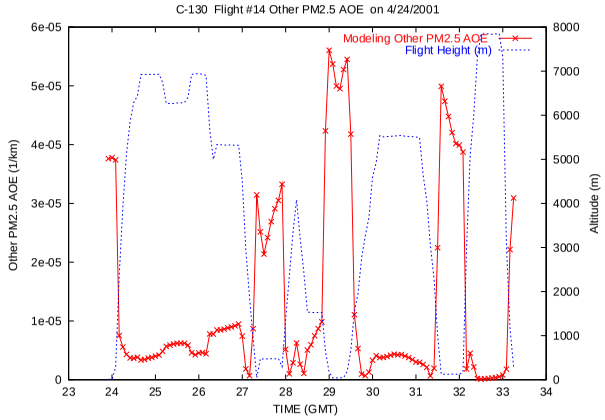

C-130 Flight #14 J-Acetone on 4/24/2001
Modeling J-Acetone
Flight Height (m)
J-Acetone (1/s)
Altitude (m)
TIME (GMT)

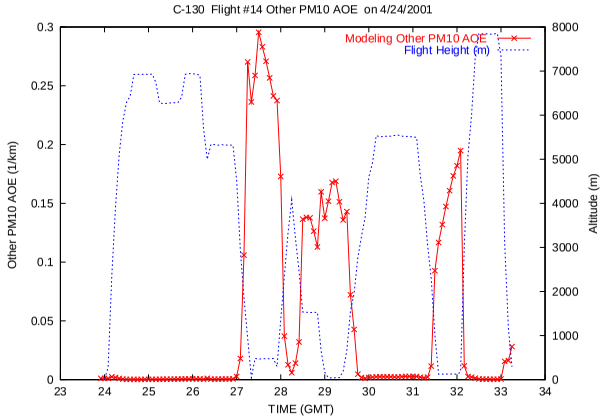

C-130 Flight #14 BC AOE on 4/24/2001
Modeling BC AOE
Flight Height (m)
BC AOE (1/km)
Altitude (m)
TIME (GMT)

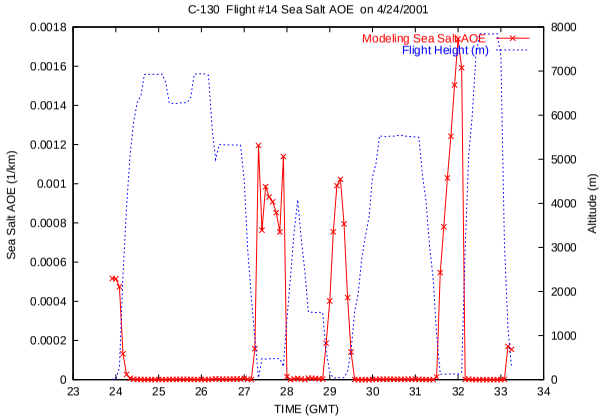

C-130 Flight #14 OC AOE on 4/24/2001
Modeling OC AOE
Flight Height (m)
OC AOE (1/km)
Altitude (m)
TIME (GMT)

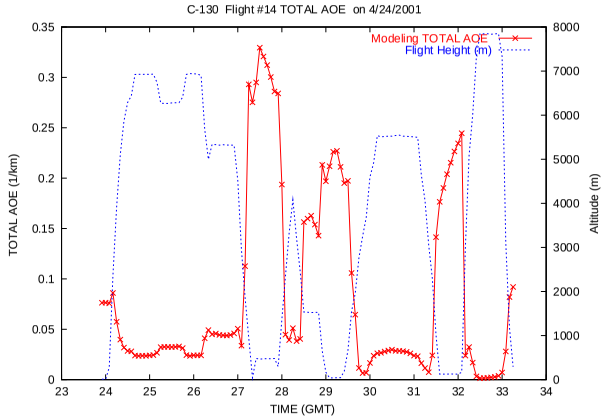

C-130 Flight #14 Sulfate AOE on 4/24/2001
Modeling Sulfate AOE
Flight Height (m)
Sulfate AOE (1/km)
Altitude (m)
TIME (GMT)


C-130 Flight #14 Dust AOE on 4/24/2001
Modeling Dust AOE
Flight Height (m)
Dust AOE (1/km)
Altitude (m)
TIME (GMT)

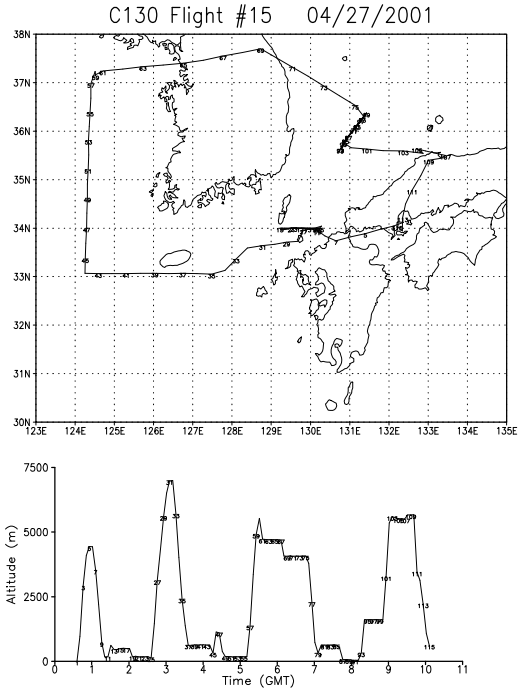

C-130 Flight #14 Other PM2.5 AOE on 4/24/2001
Modeling Other PM2.5 AOE
Flight Height (m)
Other PM2.5 AOE (1/km)
Altitude (m)
TIME (GMT)

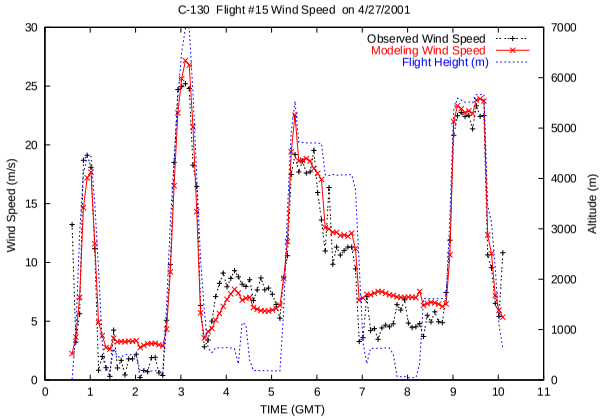

C-130 Flight #14 Other PM10 AOE on 4/24/2001
Modeling Other PM10 AOE
Flight Height (m)
Other PM10 AOE (1/km)
Altitude (m)
TIME (GMT)

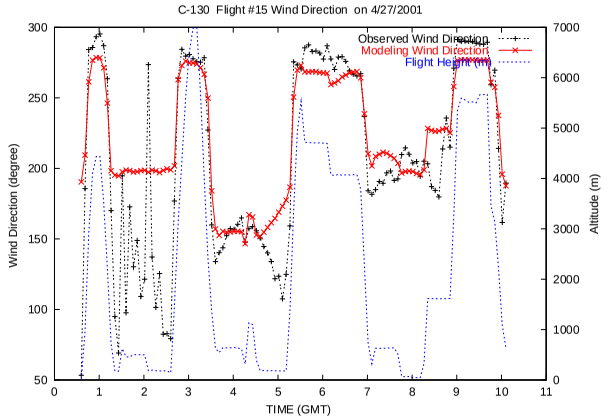

C-130 Flight #14 Sea Salt AOE on 4/24/2001
Modeling Sea Salt AOE
Flight Height (m)
Sea Salt AOE (1/km)
Altitude (m)
TIME (GMT)

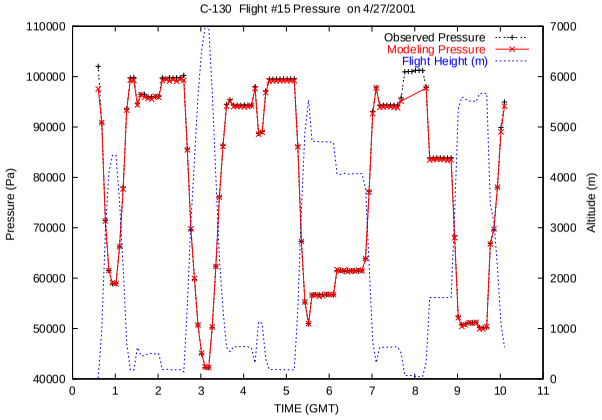

C-130 Flight #14 TOTAL AOE on 4/24/2001
Modeling TOTAL AOE
Flight Height (m)
TOTAL AOE (1/km)
Altitude (m)
TIME (GMT)

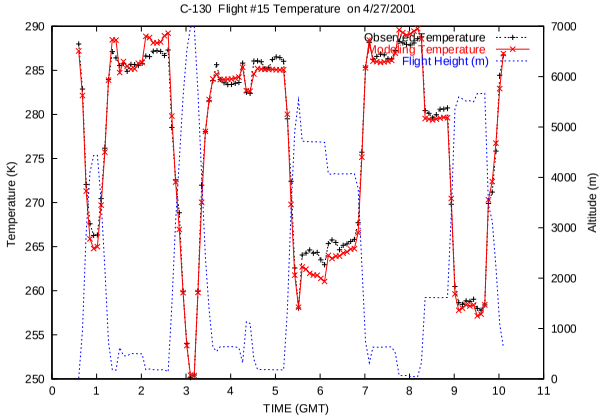
ACE-ASIA C-130 Flight #15

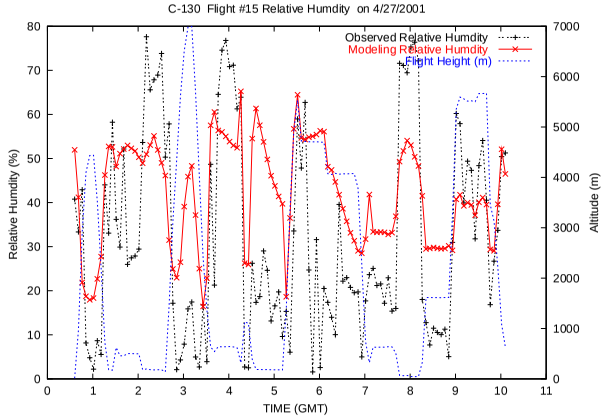


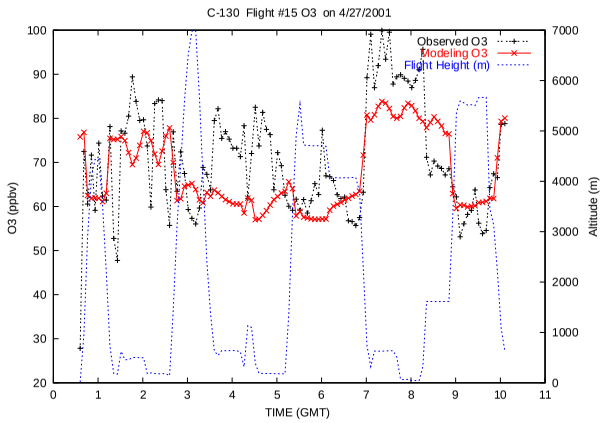


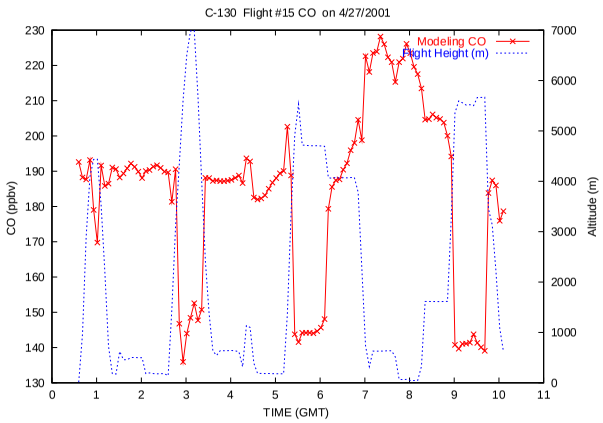


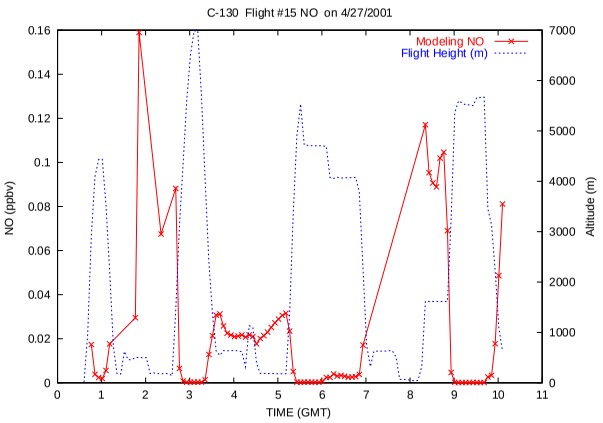


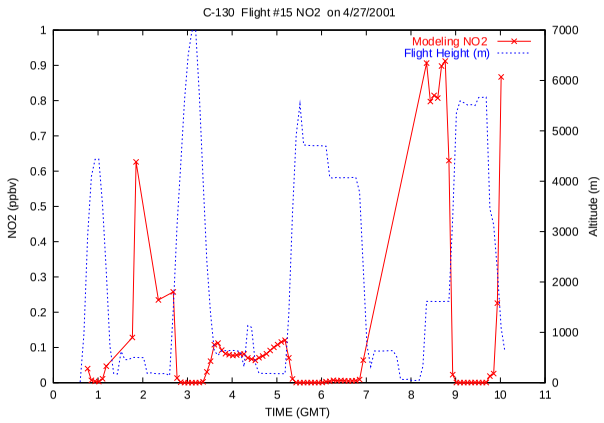


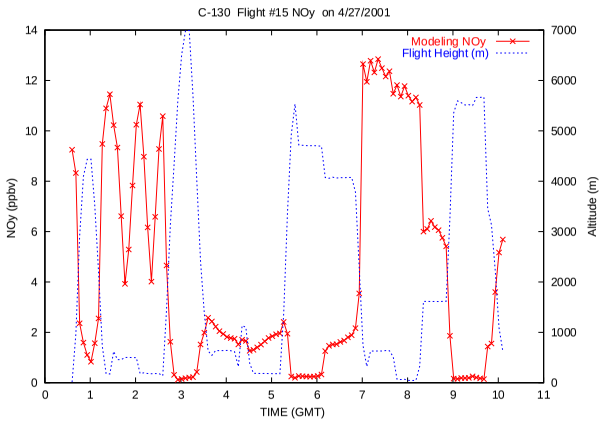


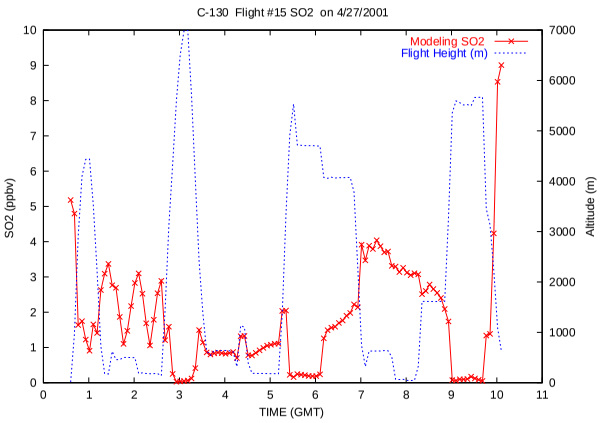

C-130 Flight #15 O3 on 4/27/2001
Observed O3
Modeling O3
Flight Height (m)
O3 (ppbv)
Altitude (m)
TIME (GMT)

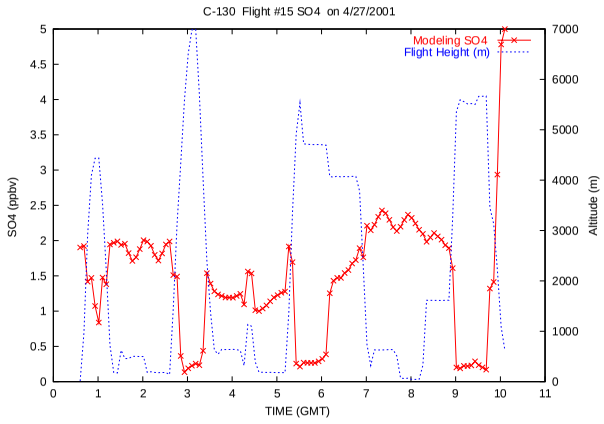

C-130 Flight #15 CO on 4/27/2001
Modeling CO
Flight Height (m)
CO (ppbv)
Altitude (m)
TIME (GMT)

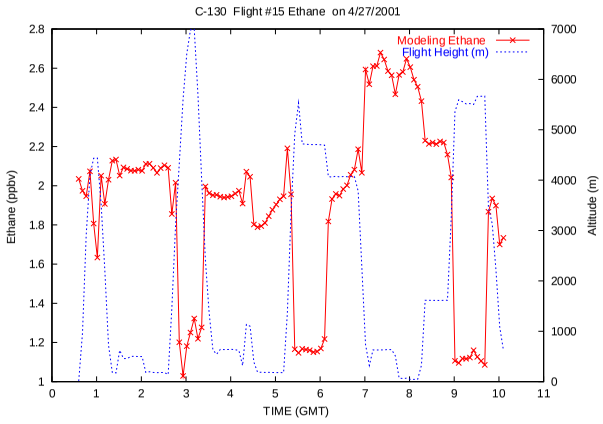

C-130 Flight #15 NO on 4/27/2001
Modeling NO
Flight Height (m)
NO (ppbv)
Altitude (m)
TIME (GMT)

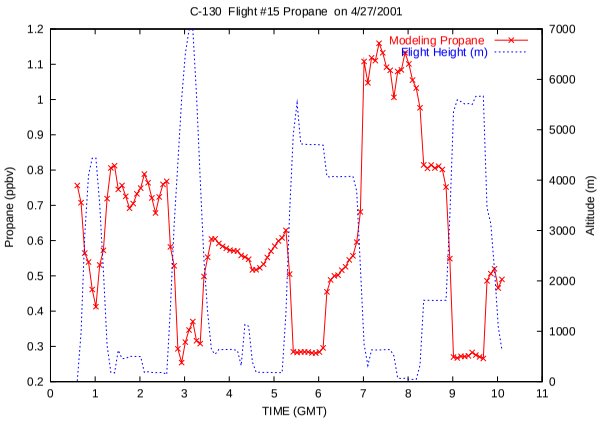

C-130 Flight #15 NO2 on 4/27/2001
Modeling NO2
Flight Height (m)
NO2 (ppbv)
Altitude (m)
TIME (GMT)

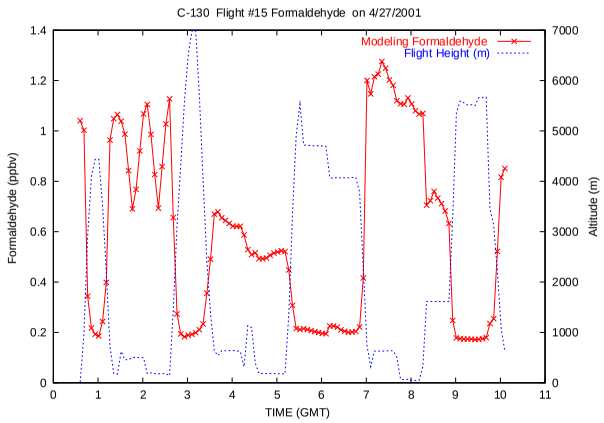

C-130 Flight #15 NOy on 4/27/2001
Modeling NOy
Flight Height (m)
NOy (ppbv)
Altitude (m)
TIME (GMT)

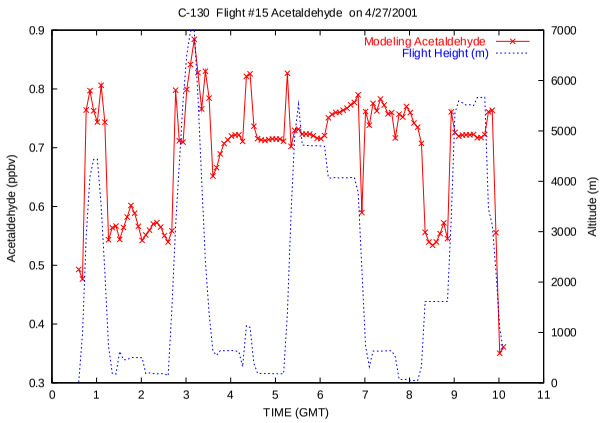

C-130 Flight #15 SO2 on 4/27/2001
Modeling SO2
Flight Height (m)
SO2 (ppbv)
Altitude (m)
TIME (GMT)

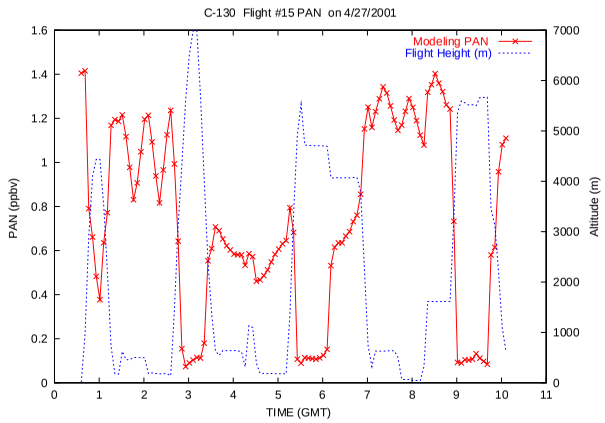

C-130 Flight #15 SO4 on 4/27/2001
Modeling SO4
Flight Height (m)
SO4 (ppbv)
Altitude (m)
TIME (GMT)

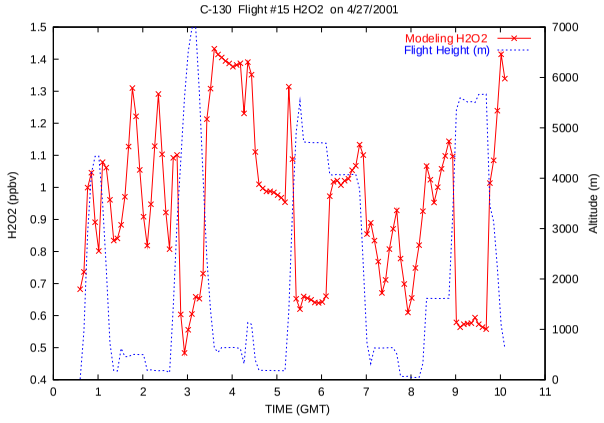

C-130 Flight #15 Ethane on 4/27/2001
Modeling Ethane
Flight Height (m)
Ethane (ppbv)
Altitude (m)
TIME (GMT)

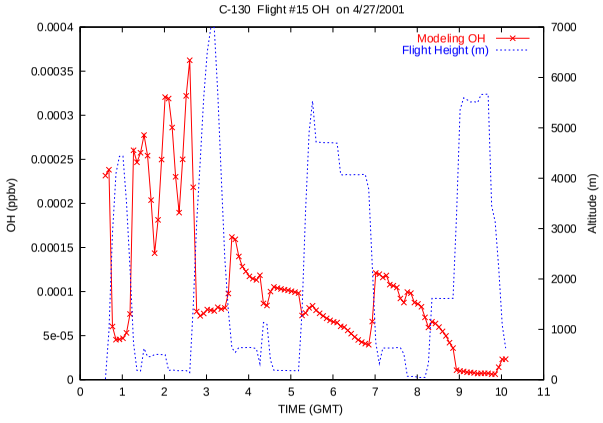

C-130 Flight #15 Propane on 4/27/2001
Modeling Propane
Flight Height (m)
Propane (ppbv)
Altitude (m)
TIME (GMT)

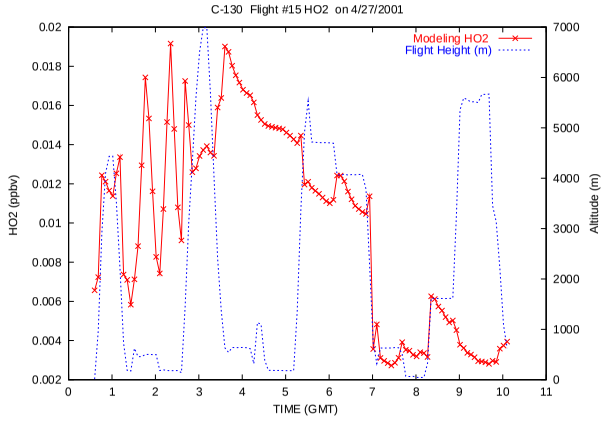

C-130 Flight #15 Formaldehyde on 4/27/2001
Modeling Formaldehyde
Flight Height (m)
Formaldehyde (ppbv)
Altitude (m)
TIME (GMT)

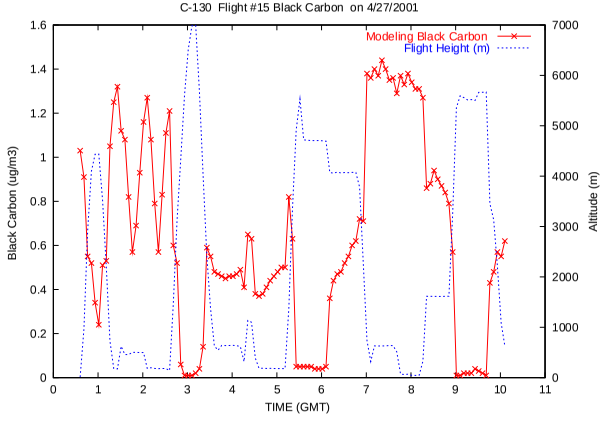

C-130 Flight #15 Acetaldehyde on 4/27/2001
Modeling Acetaldehyde
Flight Height (m)
Acetaldehyde (ppbv)
Altitude (m)
TIME (GMT)

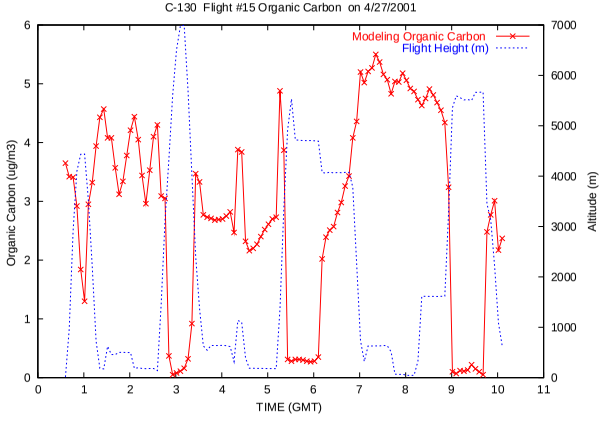

C-130 Flight #15 PAN on 4/27/2001
Modeling PAN
Flight Height (m)
PAN (ppbv)
Altitude (m)
TIME (GMT)

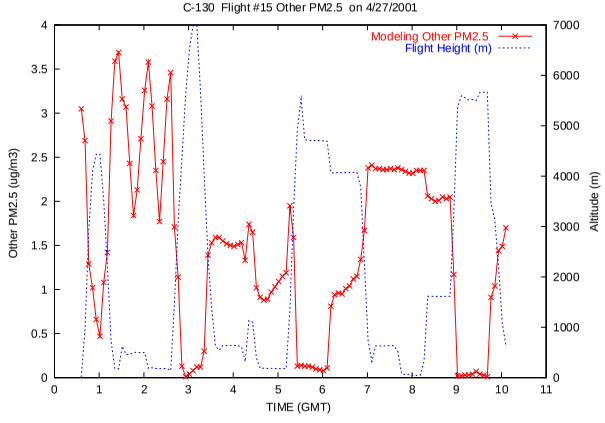

C-130 Flight #15 H2O2 on 4/27/2001
Modeling H2O2
Flight Height (m)
H2O2 (ppbv)
Altitude (m)
TIME (GMT)

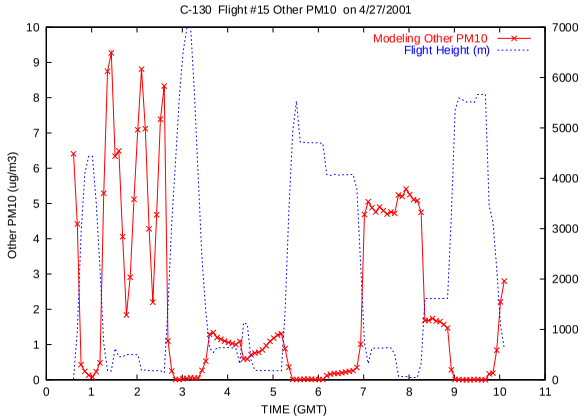

C-130 Flight #15 OH on 4/27/2001
Modeling OH
Flight Height (m)
OH (ppbv)
Altitude (m)
TIME (GMT)

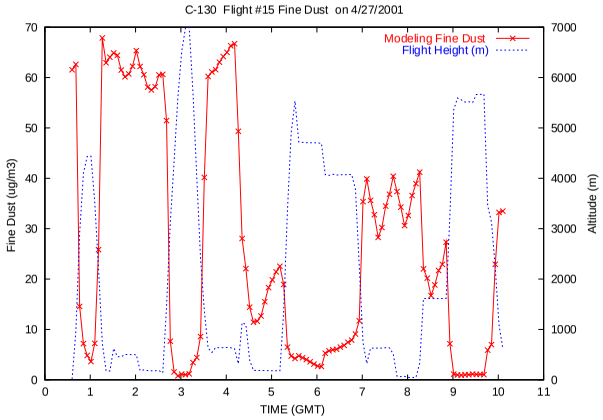

C-130 Flight #15 HO2 on 4/27/2001
Modeling HO2
Flight Height (m)
HO2 (ppbv)
Altitude (m)
TIME (GMT)

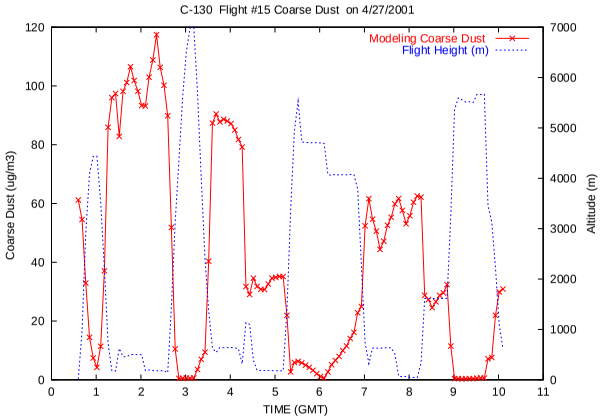

C-130 Flight #15 Black Carbon on 4/27/2001
Modeling Black Carbon
Flight Height (m)
Black Carbon (ug/m3)
Altitude (m)
TIME (GMT)

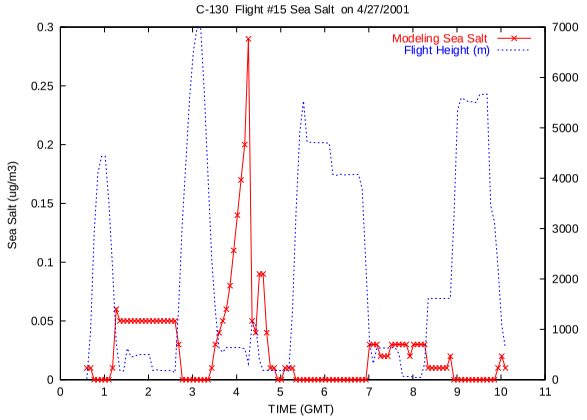

C-130 Flight #15 Organic Carbon on 4/27/2001
Modeling Organic Carbon
Flight Height (m)
Organic Carbon (ug/m3)
Altitude (m)
TIME (GMT)

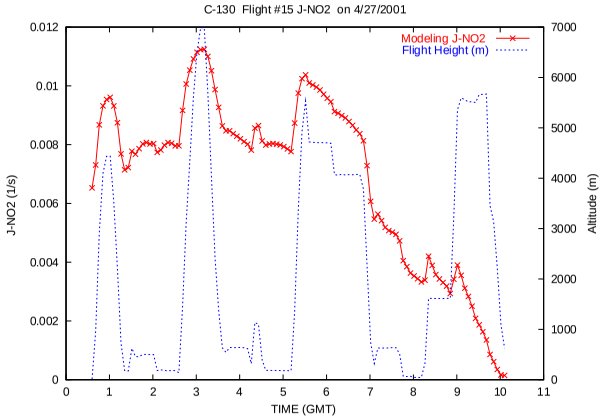

C-130 Flight #15 Other PM2.5 on 4/27/2001
Modeling Other PM2.5
Flight Height (m)
Other PM2.5 (ug/m3)
Altitude (m)
TIME (GMT)

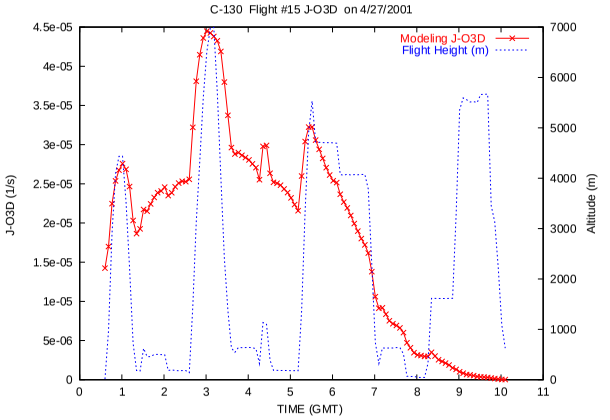

C-130 Flight #15 Other PM10 on 4/27/2001
Modeling Other PM10
Flight Height (m)
Other PM10 (ug/m3)
Altitude (m)
TIME (GMT)

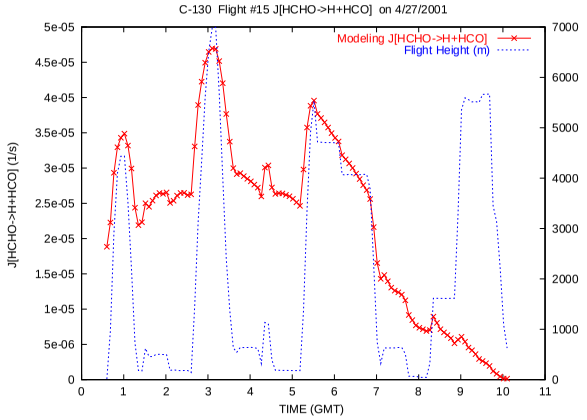

C-130 Flight #15 Fine Dust on 4/27/2001
Modeling Fine Dust
Flight Height (m)
Fine Dust (ug/m3)
Altitude (m)
TIME (GMT)

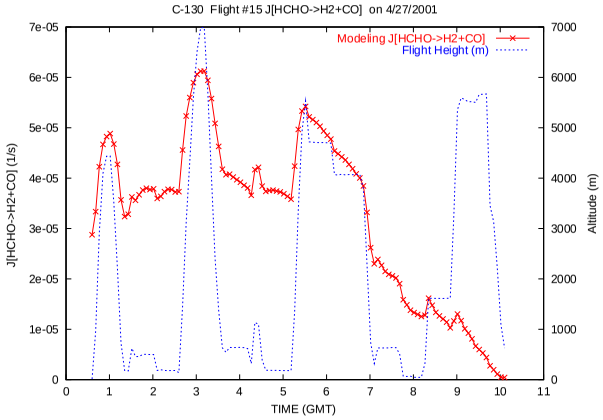

C-130 Flight #15 Coarse Dust on 4/27/2001
Modeling Coarse Dust
Flight Height (m)
Coarse Dust (ug/m3)
Altitude (m)
TIME (GMT)

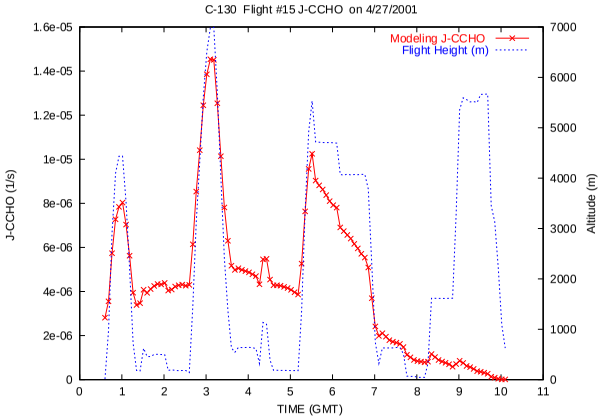

C-130 Flight #15 Sea Salt on 4/27/2001
Modeling Sea Salt
Flight Height (m)
Sea Salt (ug/m3)
Altitude (m)
TIME (GMT)

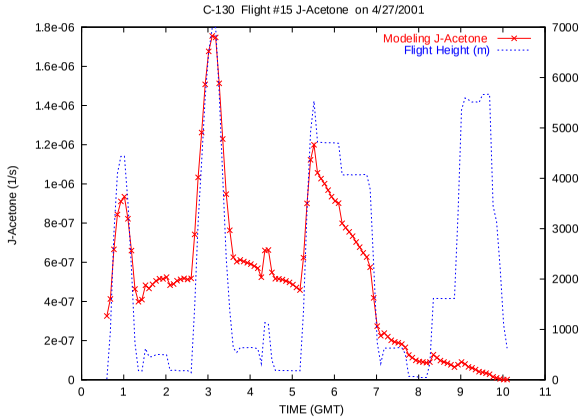

C-130 Flight #15 J-NO2 on 4/27/2001
Modeling J-NO2
Flight Height (m)
J-NO2 (1/s)
Altitude (m)
TIME (GMT)

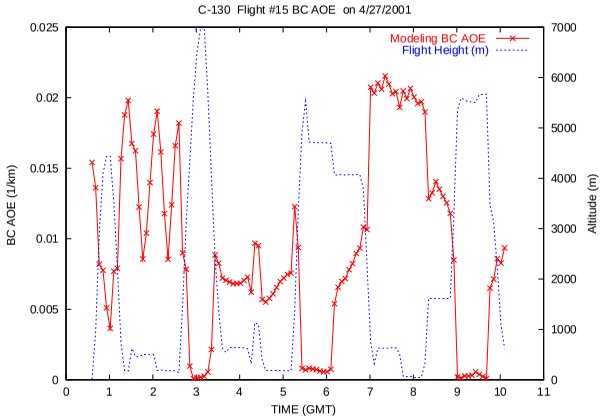

C-130 Flight #15 J-O3D on 4/27/2001
Modeling J-O3D
Flight Height (m)
J-O3D (1/s)
Altitude (m)
TIME (GMT)

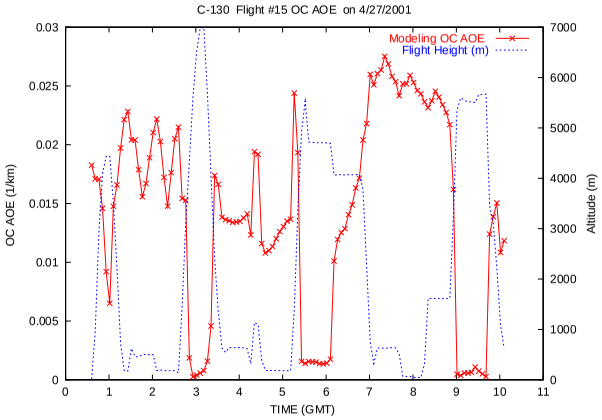

C-130 Flight #15 J[HCHO->H+HCO] on 4/27/2001
Modeling J[HCHO->H+HCO]
Flight Height (m)
J[HCHO->H+HCO] (1/s)
Altitude (m)
TIME (GMT)

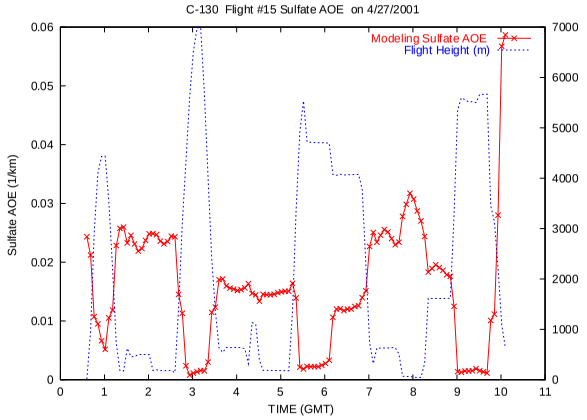

C-130 Flight #15 J[HCHO->H2+CO] on 4/27/2001
Modeling J[HCHO->H2+CO]
Flight Height (m)
J[HCHO->H2+CO] (1/s)
Altitude (m)
TIME (GMT)

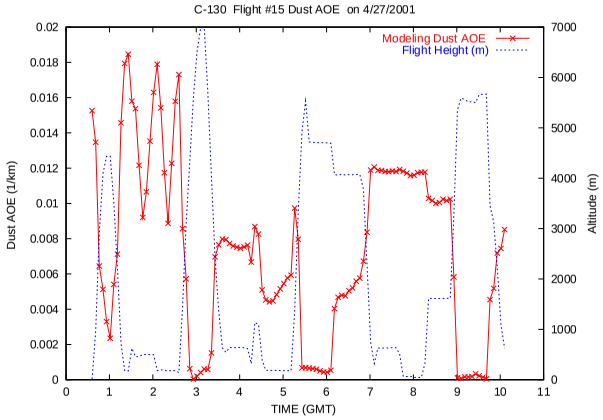

C-130 Flight #15 J-CCHO on 4/27/2001
Modeling J-CCHO
Flight Height (m)
J-CCHO (1/s)
Altitude (m)
TIME (GMT)

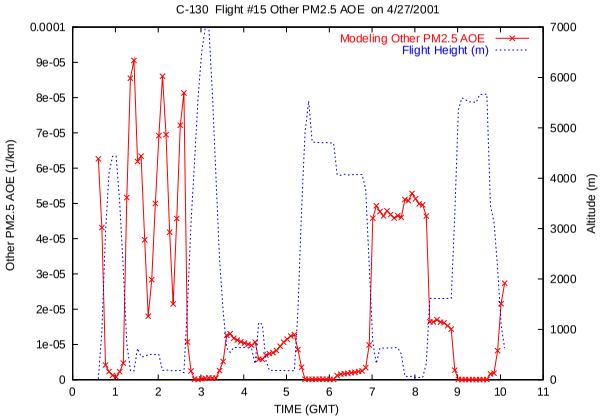

C-130 Flight #15 J-Acetone on 4/27/2001
Modeling J-Acetone
Flight Height (m)
J-Acetone (1/s)
Altitude (m)
TIME (GMT)

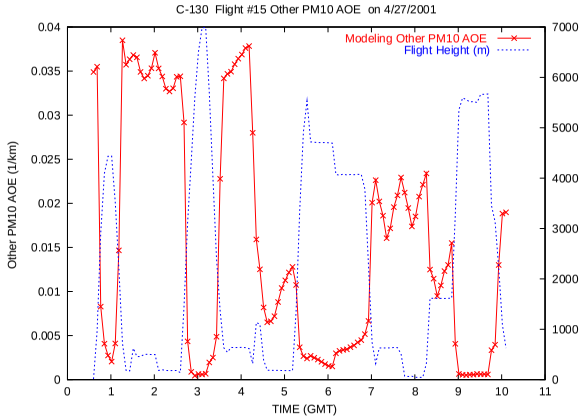

C-130 Flight #15 BC AOE on 4/27/2001
Modeling BC AOE
Flight Height (m)
BC AOE (1/km)
Altitude (m)
TIME (GMT)

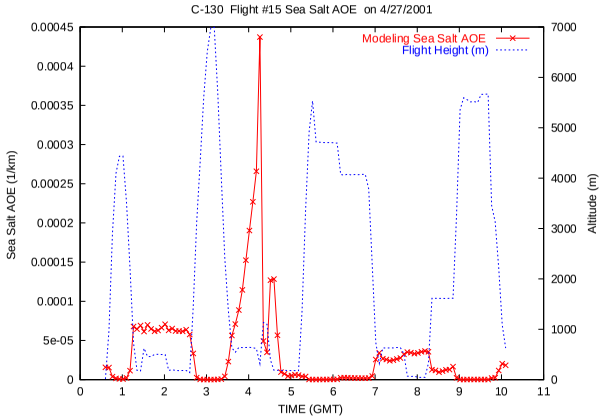

C-130 Flight #15 OC AOE on 4/27/2001
Modeling OC AOE
Flight Height (m)
OC AOE (1/km)
Altitude (m)
TIME (GMT)

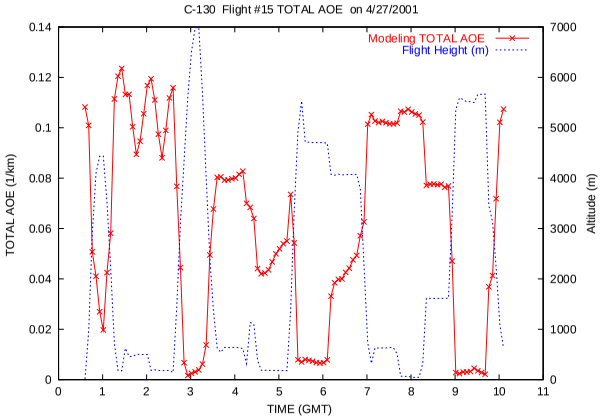

C-130 Flight #15 Sulfate AOE on 4/27/2001
Modeling Sulfate AOE
Flight Height (m)
Sulfate AOE (1/km)
Altitude (m)
TIME (GMT)


C-130 Flight #15 Dust AOE on 4/27/2001
Modeling Dust AOE
Flight Height (m)
Dust AOE (1/km)
Altitude (m)
TIME (GMT)

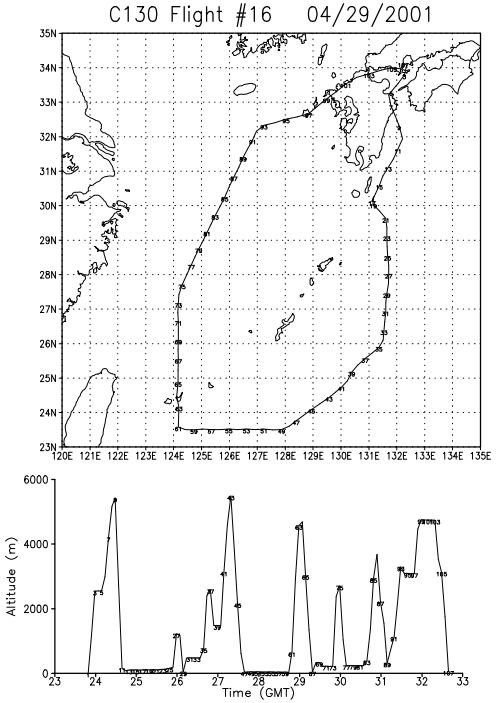

C-130 Flight #15 Other PM2.5 AOE on 4/27/2001
Modeling Other PM2.5 AOE
Flight Height (m)
Other PM2.5 AOE (1/km)
Altitude (m)
TIME (GMT)

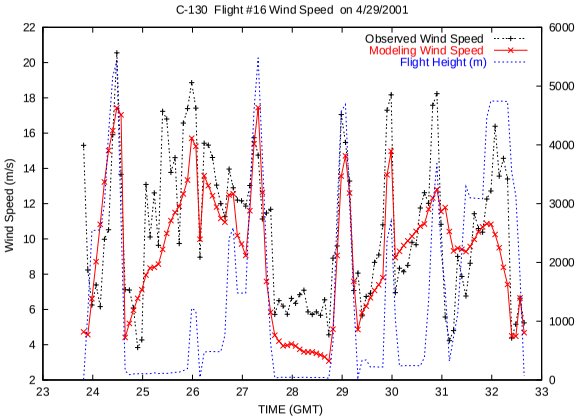

C-130 Flight #15 Other PM10 AOE on 4/27/2001
Modeling Other PM10 AOE
Flight Height (m)
Other PM10 AOE (1/km)
Altitude (m)
TIME (GMT)

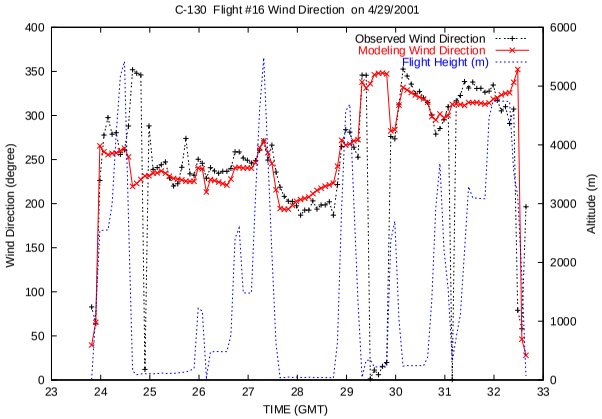

C-130 Flight #15 Sea Salt AOE on 4/27/2001
Modeling Sea Salt AOE
Flight Height (m)
Sea Salt AOE (1/km)
Altitude (m)
TIME (GMT)

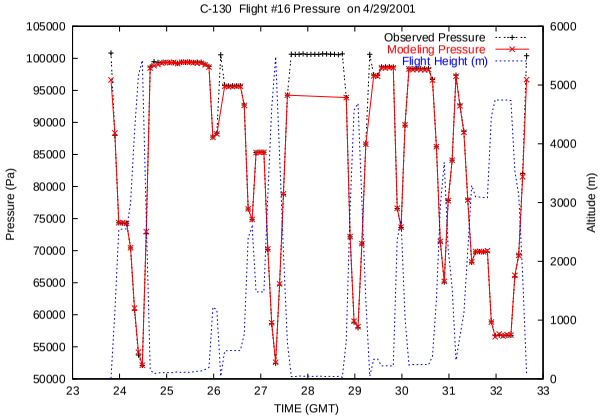

C-130 Flight #15 TOTAL AOE on 4/27/2001
Modeling TOTAL AOE
Flight Height (m)
TOTAL AOE (1/km)
Altitude (m)
TIME (GMT)

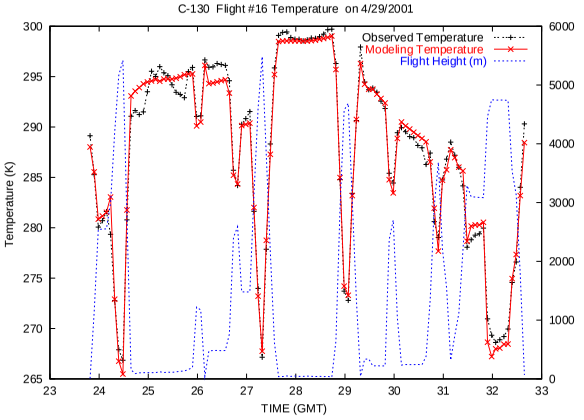
ACE-ASIA C-130 Flight #16

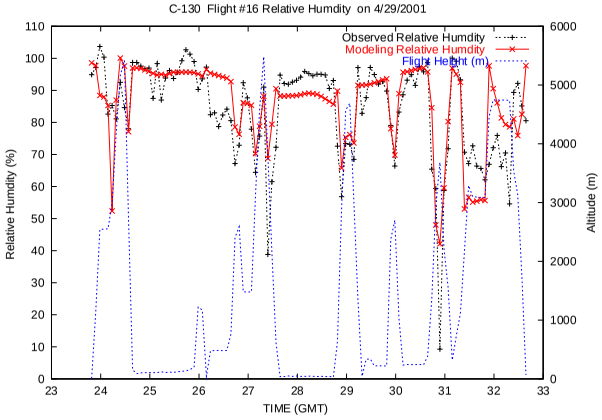


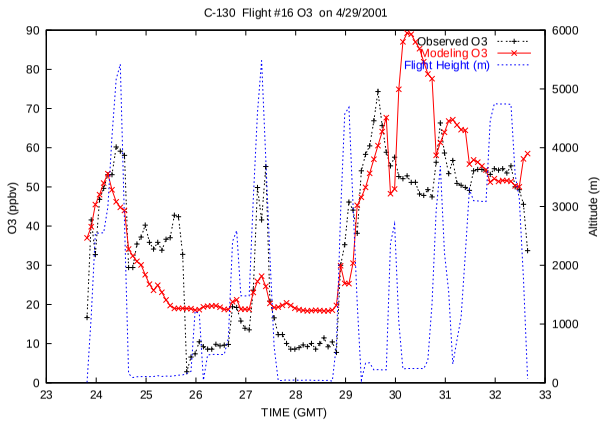


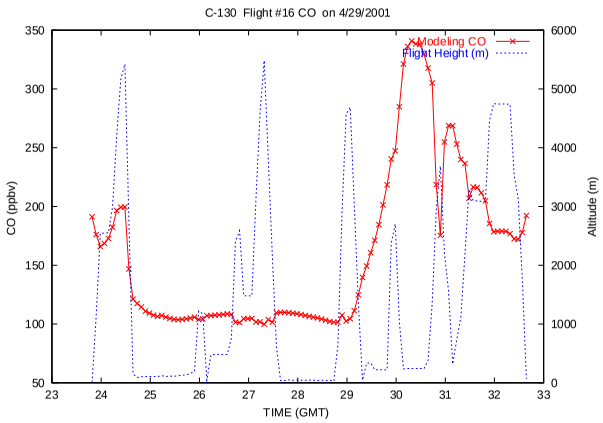


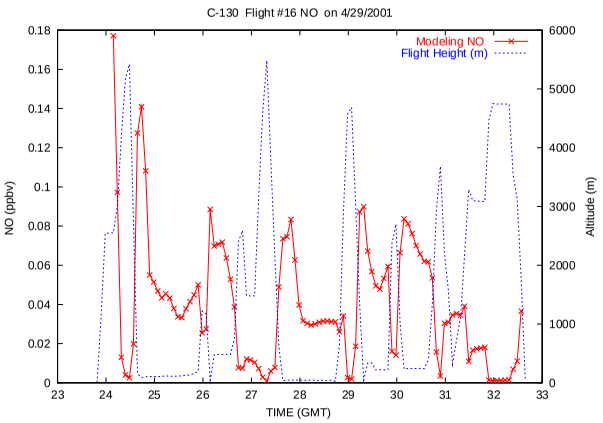


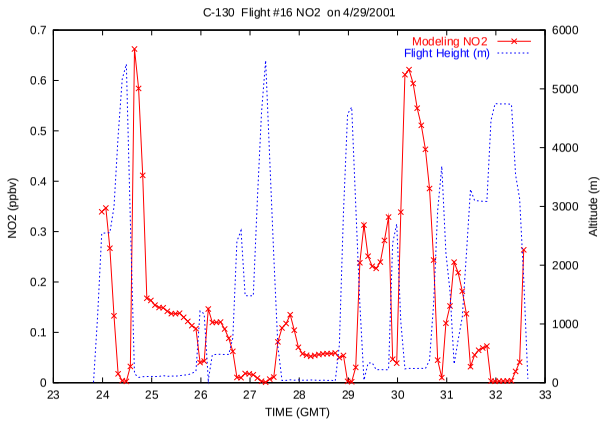


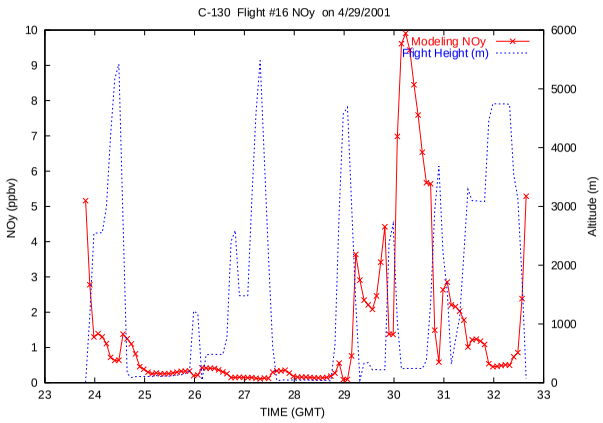


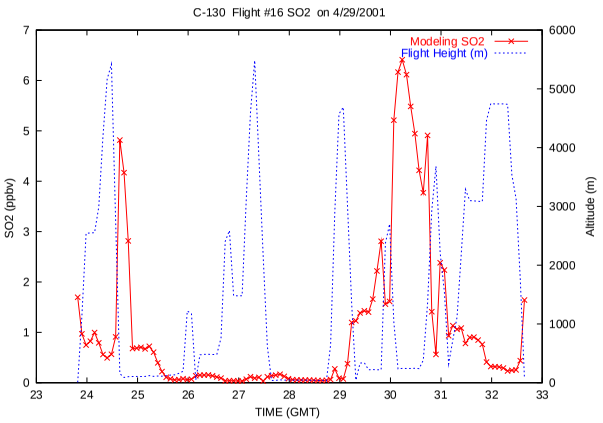

C-130 Flight #16 O3 on 4/29/2001
Observed O3
Modeling O3
Flight Height (m)
O3 (ppbv)
Altitude (m)
TIME (GMT)

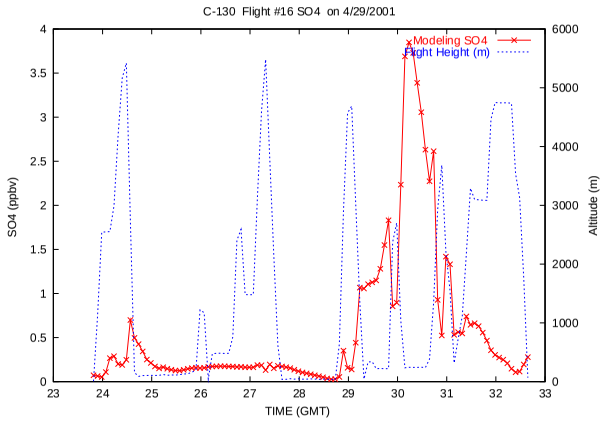

C-130 Flight #16 CO on 4/29/2001
Modeling CO
Flight Height (m)
CO (ppbv)
Altitude (m)
TIME (GMT)

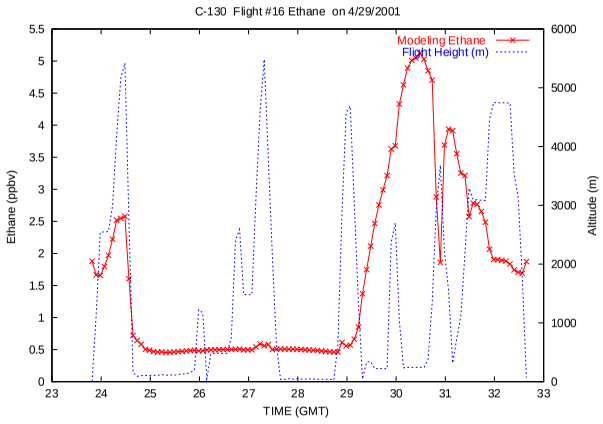

C-130 Flight #16 NO on 4/29/2001
Modeling NO
Flight Height (m)
NO (ppbv)
Altitude (m)
TIME (GMT)

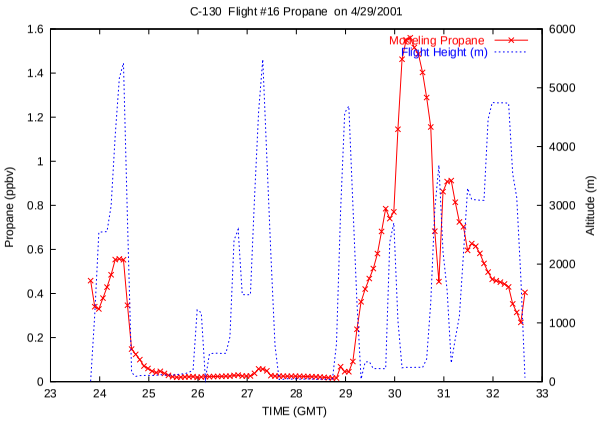

C-130 Flight #16 NO2 on 4/29/2001
Modeling NO2
Flight Height (m)
NO2 (ppbv)
Altitude (m)
TIME (GMT)

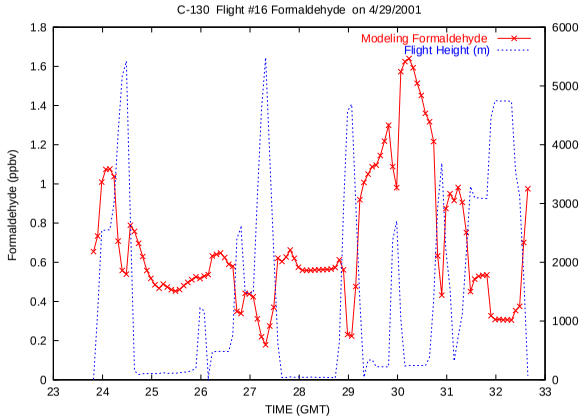

C-130 Flight #16 NOy on 4/29/2001
Modeling NOy
Flight Height (m)
NOy (ppbv)
Altitude (m)
TIME (GMT)

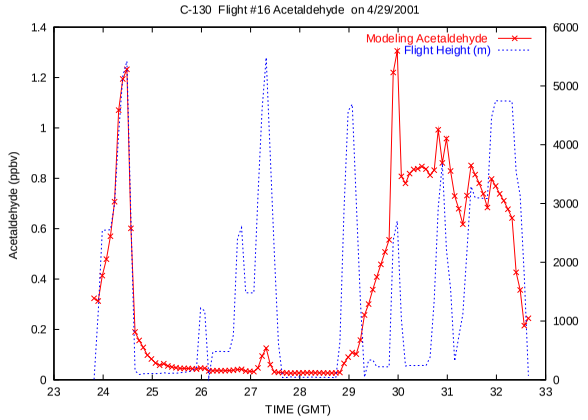

C-130 Flight #16 SO2 on 4/29/2001
Modeling SO2
Flight Height (m)
SO2 (ppbv)
Altitude (m)
TIME (GMT)

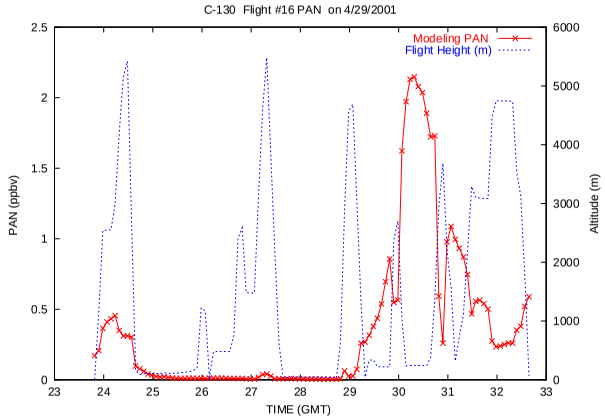

C-130 Flight #16 SO4 on 4/29/2001
Modeling SO4
Flight Height (m)
SO4 (ppbv)
Altitude (m)
TIME (GMT)

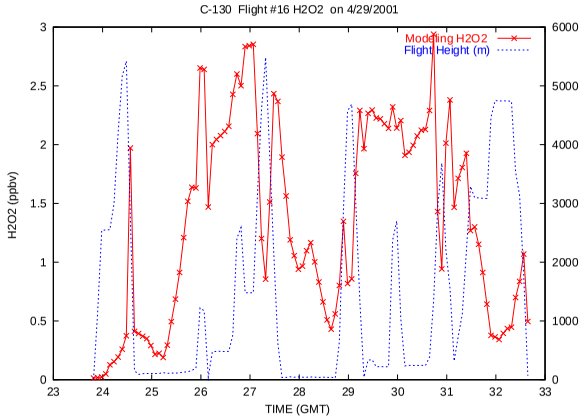

C-130 Flight #16 Ethane on 4/29/2001
Modeling Ethane
Flight Height (m)
Ethane (ppbv)
Altitude (m)
TIME (GMT)

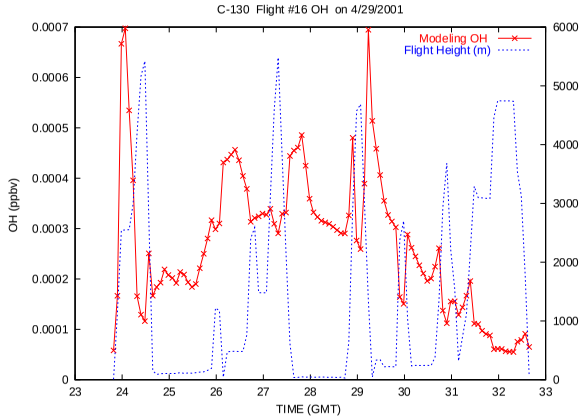

C-130 Flight #16 Propane on 4/29/2001
Modeling Propane
Flight Height (m)
Propane (ppbv)
Altitude (m)
TIME (GMT)

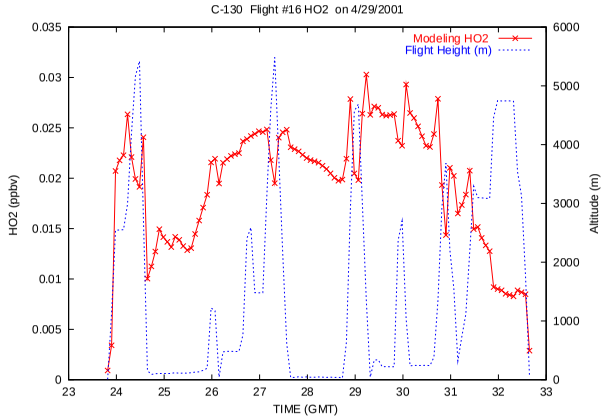

C-130 Flight #16 Formaldehyde on 4/29/2001
Modeling Formaldehyde
Flight Height (m)
Formaldehyde (ppbv)
Altitude (m)
TIME (GMT)

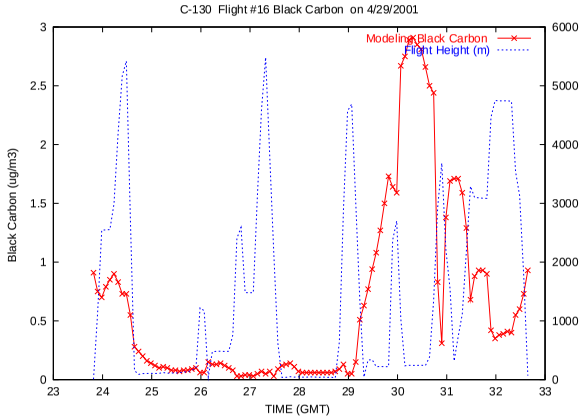

C-130 Flight #16 Acetaldehyde on 4/29/2001
Modeling Acetaldehyde
Flight Height (m)
Acetaldehyde (ppbv)
Altitude (m)
TIME (GMT)

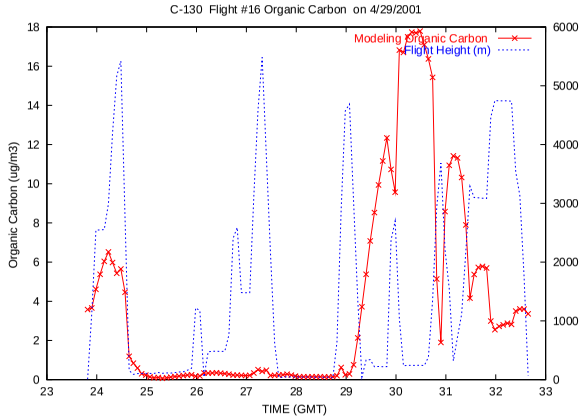

C-130 Flight #16 PAN on 4/29/2001
Modeling PAN
Flight Height (m)
PAN (ppbv)
Altitude (m)
TIME (GMT)

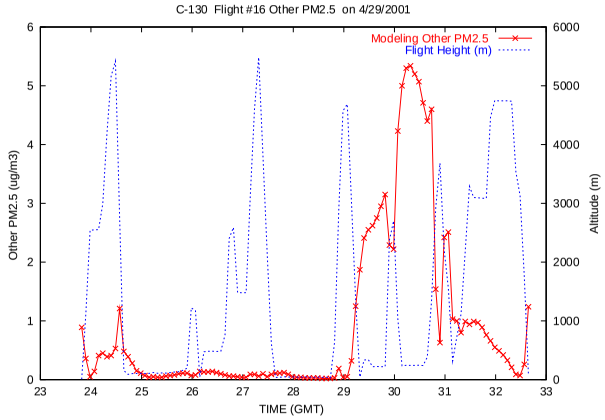

C-130 Flight #16 H2O2 on 4/29/2001
Modeling H2O2
Flight Height (m)
H2O2 (ppbv)
Altitude (m)
TIME (GMT)

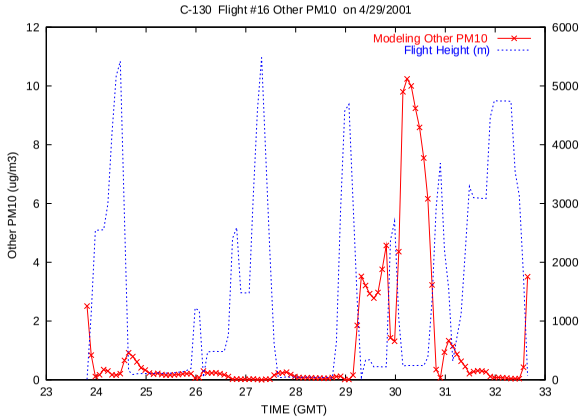

C-130 Flight #16 OH on 4/29/2001
Modeling OH
Flight Height (m)
OH (ppbv)
Altitude (m)
TIME (GMT)

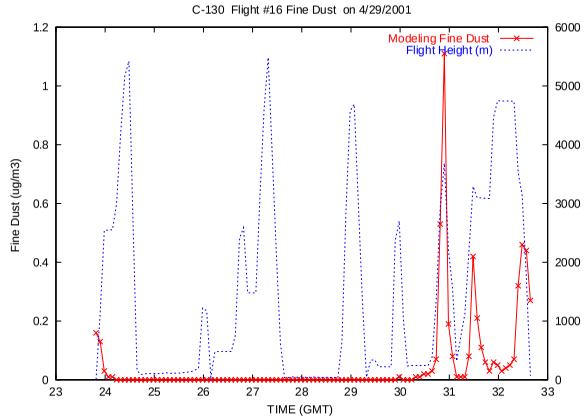

C-130 Flight #16 HO2 on 4/29/2001
Modeling HO2
Flight Height (m)
HO2 (ppbv)
Altitude (m)
TIME (GMT)

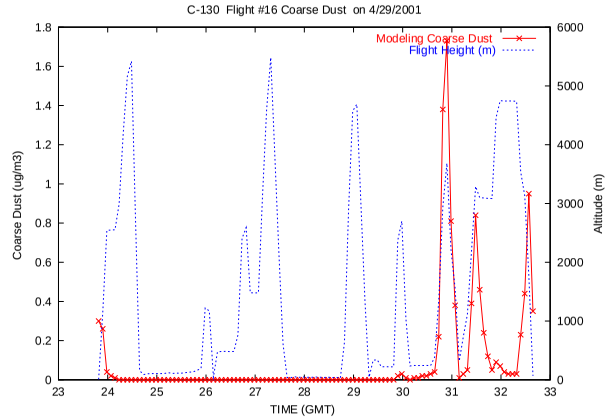

C-130 Flight #16 Black Carbon on 4/29/2001
Modeling Black Carbon
Flight Height (m)
Black Carbon (ug/m3)
Altitude (m)
TIME (GMT)

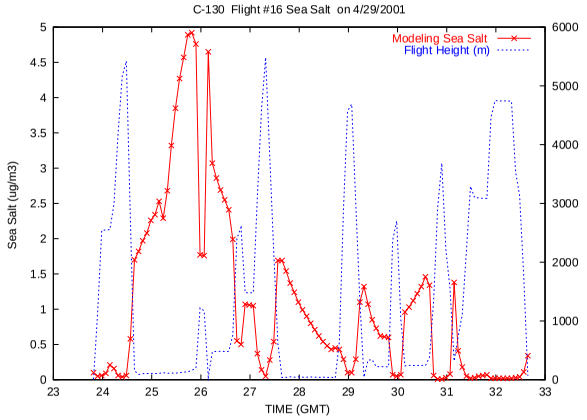

C-130 Flight #16 Organic Carbon on 4/29/2001
Modeling Organic Carbon
Flight Height (m)
Organic Carbon (ug/m3)
Altitude (m)
TIME (GMT)

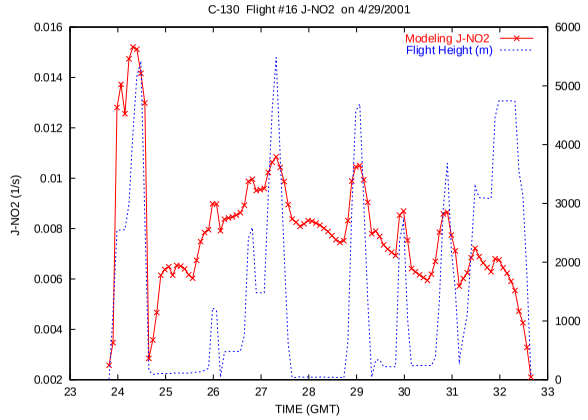

C-130 Flight #16 Other PM2.5 on 4/29/2001
Modeling Other PM2.5
Flight Height (m)
Other PM2.5 (ug/m3)
Altitude (m)
TIME (GMT)

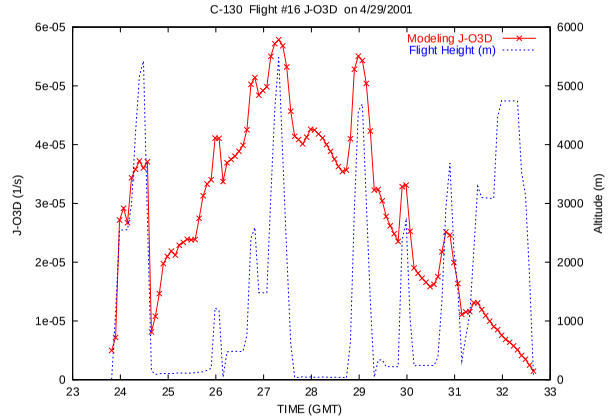

C-130 Flight #16 Other PM10 on 4/29/2001
Modeling Other PM10
Flight Height (m)
Other PM10 (ug/m3)
Altitude (m)
TIME (GMT)

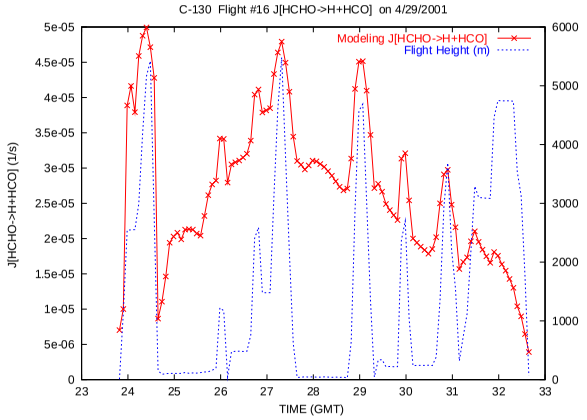

C-130 Flight #16 Fine Dust on 4/29/2001
Modeling Fine Dust
Flight Height (m)
Fine Dust (ug/m3)
Altitude (m)
TIME (GMT)

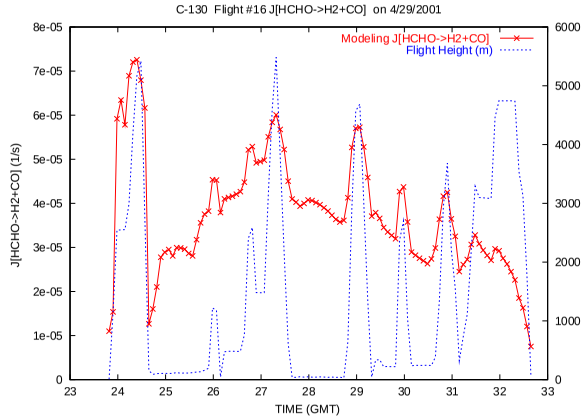

C-130 Flight #16 Coarse Dust on 4/29/2001
Modeling Coarse Dust
Flight Height (m)
Coarse Dust (ug/m3)
Altitude (m)
TIME (GMT)

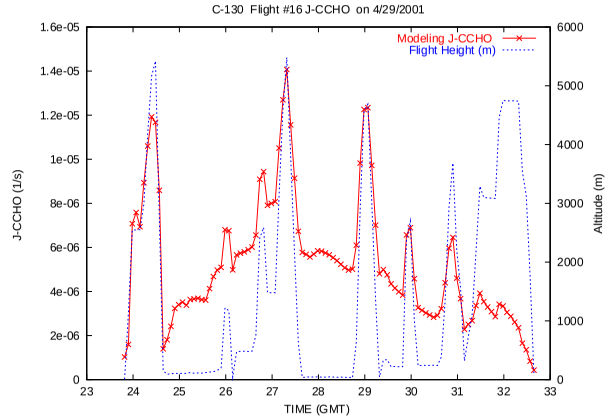

C-130 Flight #16 Sea Salt on 4/29/2001
Modeling Sea Salt
Flight Height (m)
Sea Salt (ug/m3)
Altitude (m)
TIME (GMT)

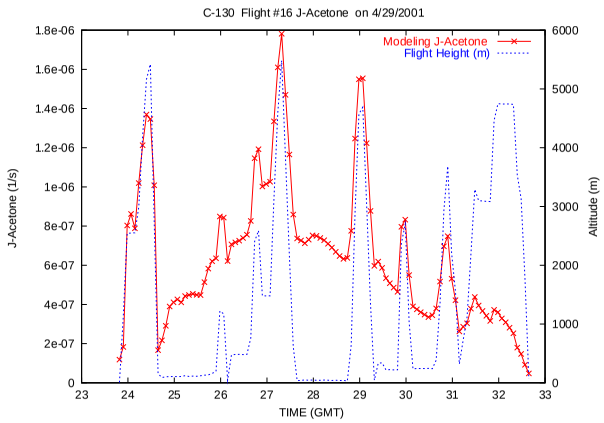

C-130 Flight #16 J-NO2 on 4/29/2001
Modeling J-NO2
Flight Height (m)
J-NO2 (1/s)
Altitude (m)
TIME (GMT)

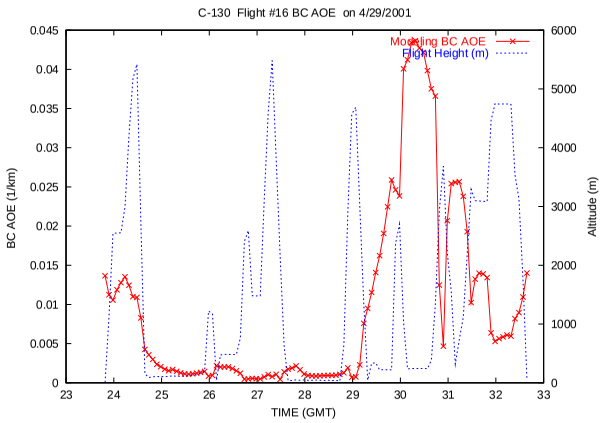

C-130 Flight #16 J-O3D on 4/29/2001
Modeling J-O3D
Flight Height (m)
J-O3D (1/s)
Altitude (m)
TIME (GMT)

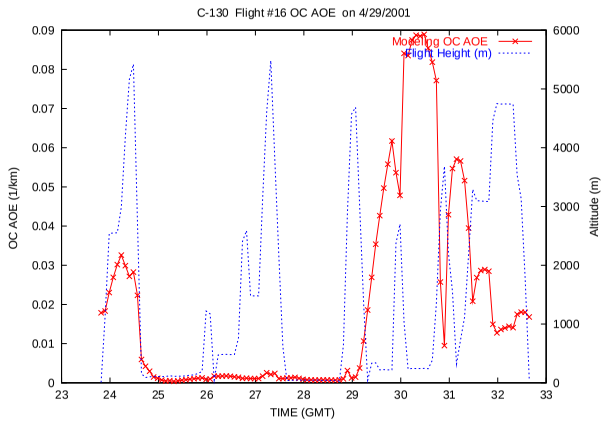

C-130 Flight #16 J[HCHO->H+HCO] on 4/29/2001
Modeling J[HCHO->H+HCO]
Flight Height (m)
J[HCHO->H+HCO] (1/s)
Altitude (m)
TIME (GMT)

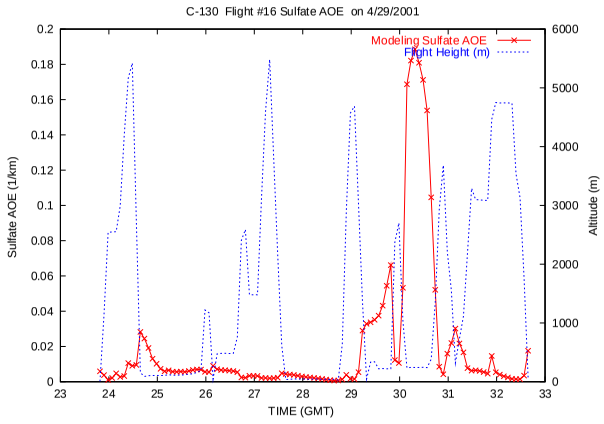

C-130 Flight #16 J[HCHO->H2+CO] on 4/29/2001
Modeling J[HCHO->H2+CO]
Flight Height (m)
J[HCHO->H2+CO] (1/s)
Altitude (m)
TIME (GMT)

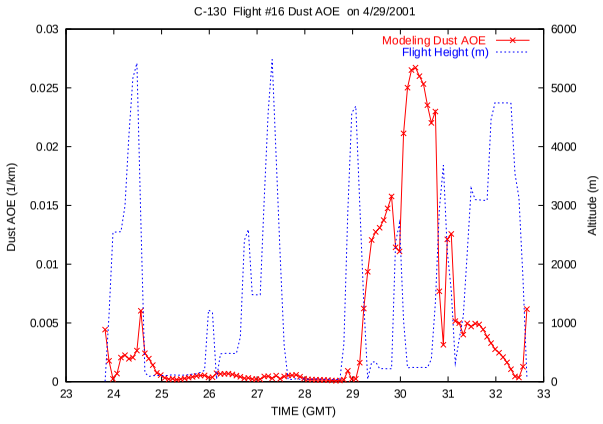

C-130 Flight #16 J-CCHO on 4/29/2001
Modeling J-CCHO
Flight Height (m)
J-CCHO (1/s)
Altitude (m)
TIME (GMT)

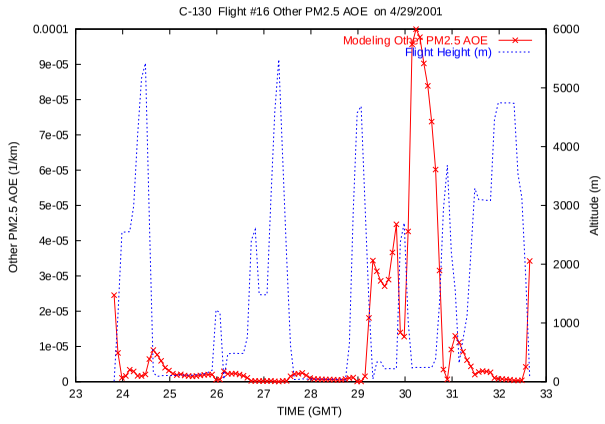

C-130 Flight #16 J-Acetone on 4/29/2001
Modeling J-Acetone
Flight Height (m)
J-Acetone (1/s)
Altitude (m)
TIME (GMT)

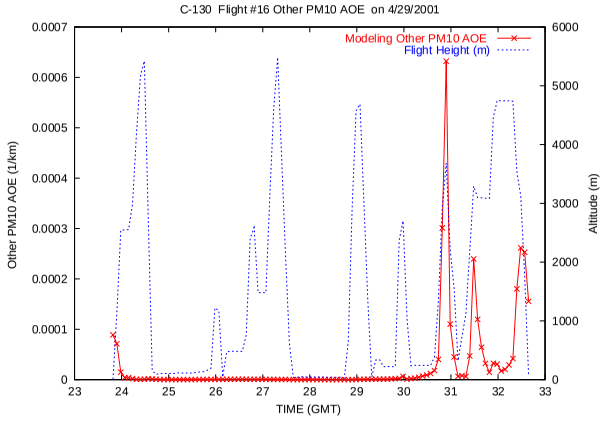

C-130 Flight #16 BC AOE on 4/29/2001
Modeling BC AOE
Flight Height (m)
BC AOE (1/km)
Altitude (m)
TIME (GMT)

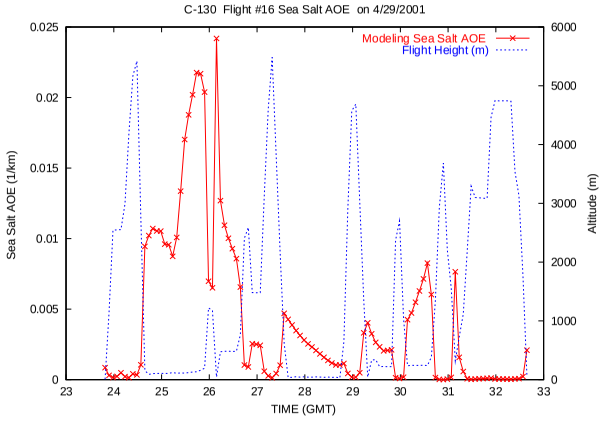

C-130 Flight #16 OC AOE on 4/29/2001
Modeling OC AOE
Flight Height (m)
OC AOE (1/km)
Altitude (m)
TIME (GMT)

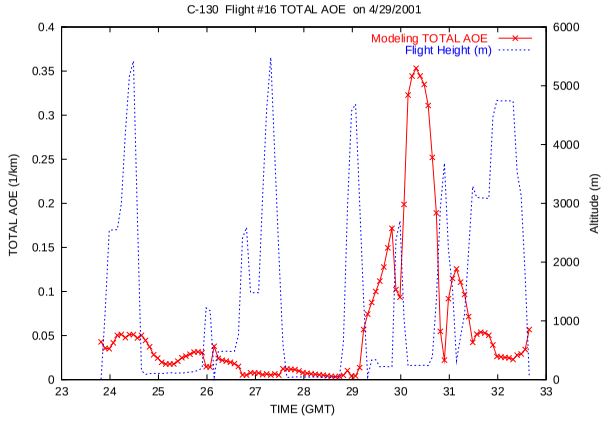

C-130 Flight #16 Sulfate AOE on 4/29/2001
Modeling Sulfate AOE
Flight Height (m)
Sulfate AOE (1/km)
Altitude (m)
TIME (GMT)


C-130 Flight #16 Dust AOE on 4/29/2001
Modeling Dust AOE
Flight Height (m)
Dust AOE (1/km)
Altitude (m)
TIME (GMT)

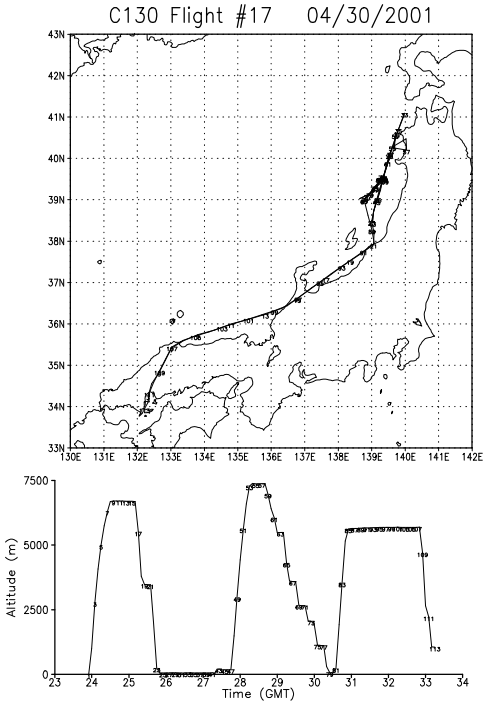

C-130 Flight #16 Other PM2.5 AOE on 4/29/2001
Modeling Other PM2.5 AOE
Flight Height (m)
Other PM2.5 AOE (1/km)
Altitude (m)
TIME (GMT)

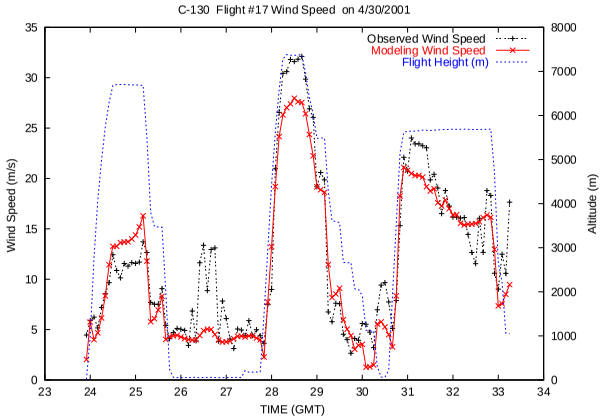

C-130 Flight #16 Other PM10 AOE on 4/29/2001
Modeling Other PM10 AOE
Flight Height (m)
Other PM10 AOE (1/km)
Altitude (m)
TIME (GMT)

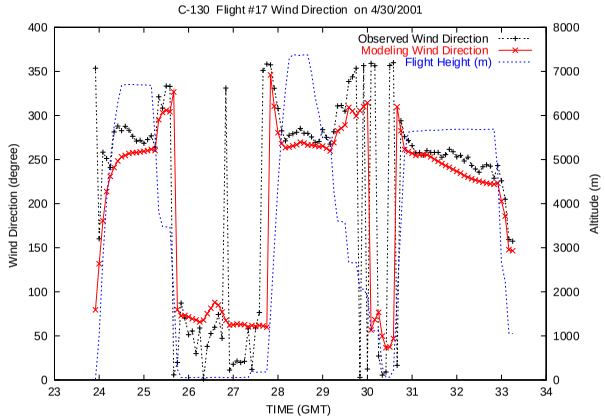

C-130 Flight #16 Sea Salt AOE on 4/29/2001
Modeling Sea Salt AOE
Flight Height (m)
Sea Salt AOE (1/km)
Altitude (m)
TIME (GMT)

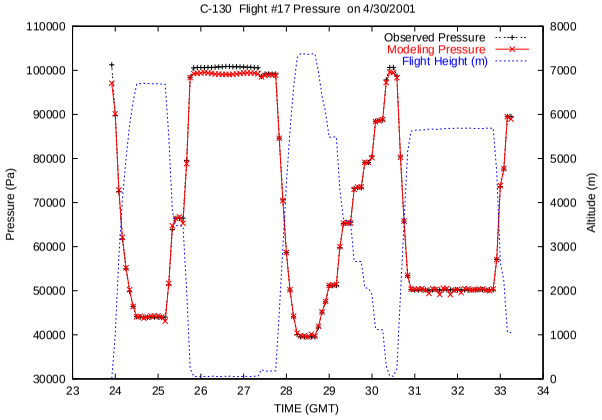

C-130 Flight #16 TOTAL AOE on 4/29/2001
Modeling TOTAL AOE
Flight Height (m)
TOTAL AOE (1/km)
Altitude (m)
TIME (GMT)

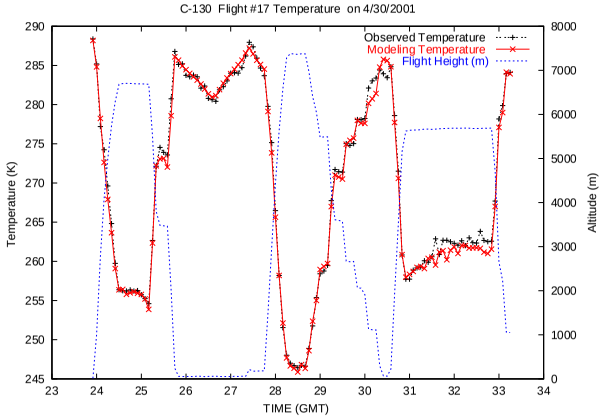
ACE-ASIA C-130 Flight #17

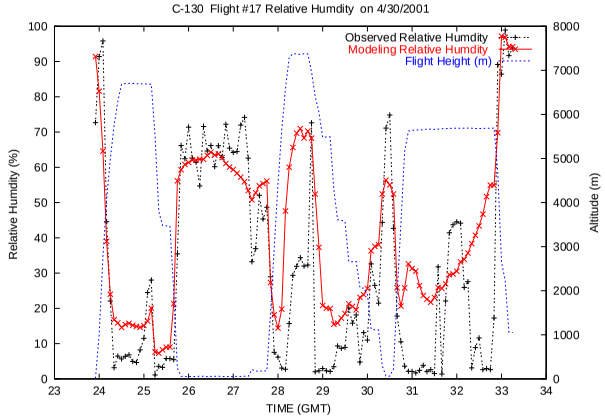


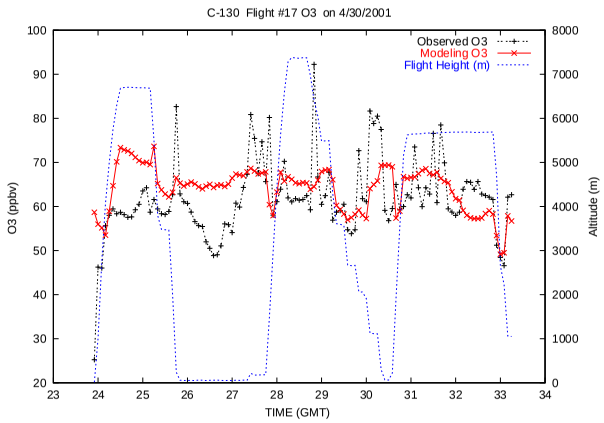


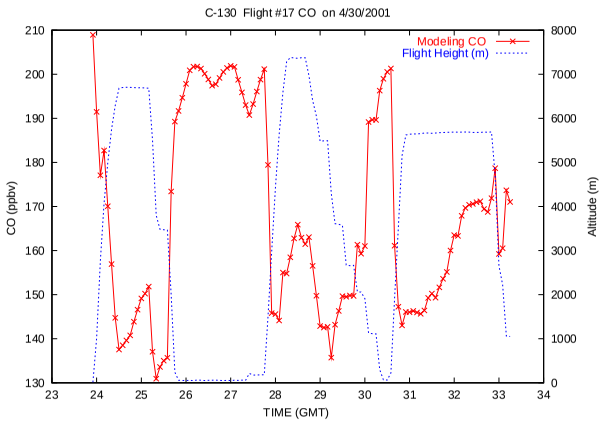


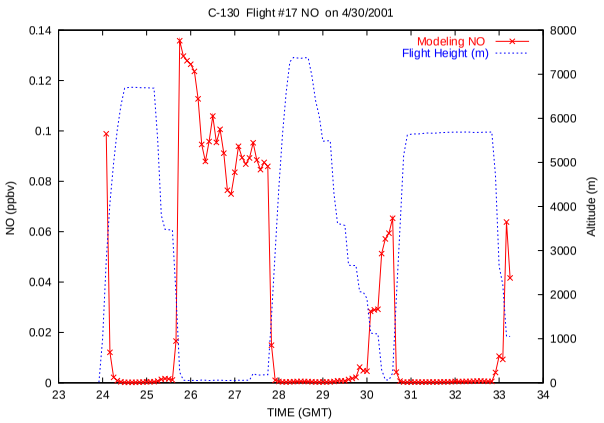


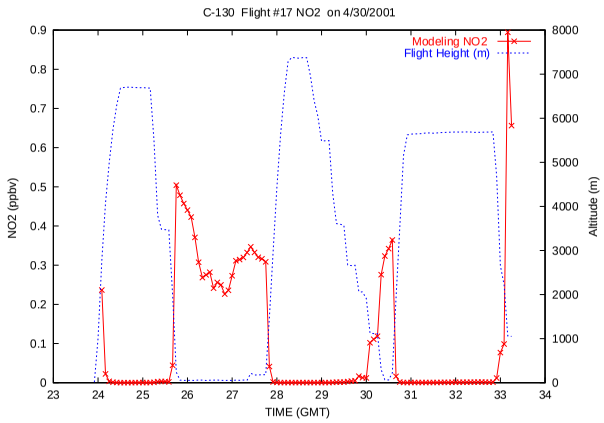


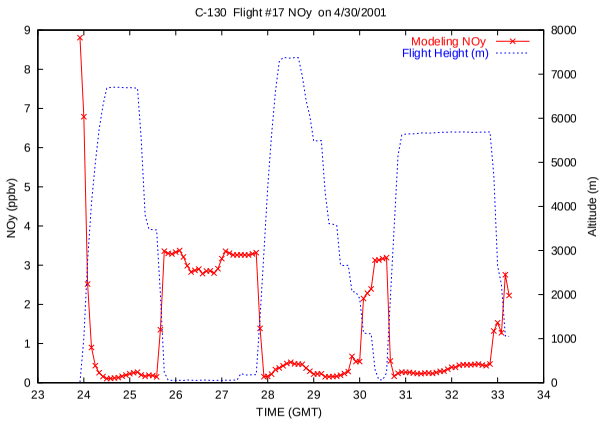


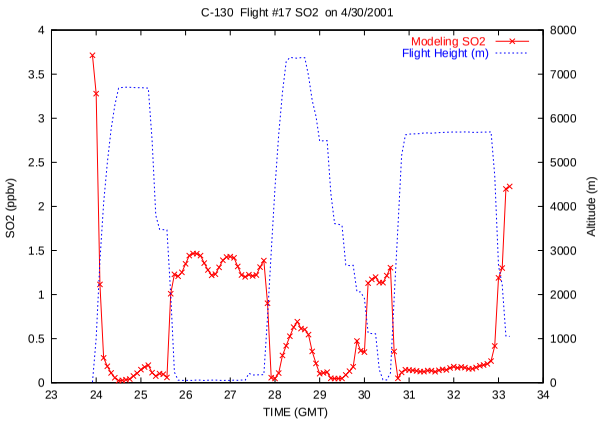

C-130 Flight #17 O3 on 4/30/2001
Observed O3
Modeling O3
Flight Height (m)
O3 (ppbv)
Altitude (m)
TIME (GMT)

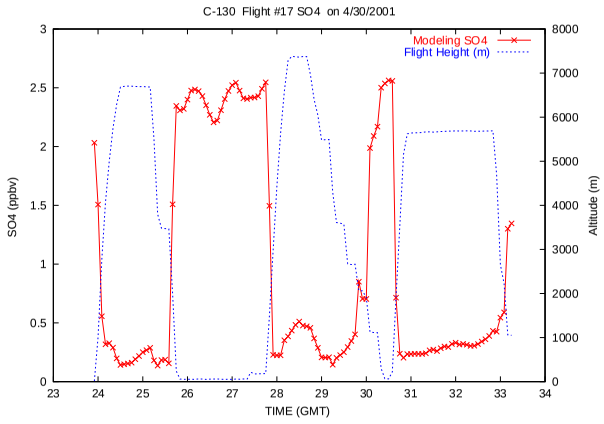

C-130 Flight #17 CO on 4/30/2001
Modeling CO
Flight Height (m)
CO (ppbv)
Altitude (m)
TIME (GMT)

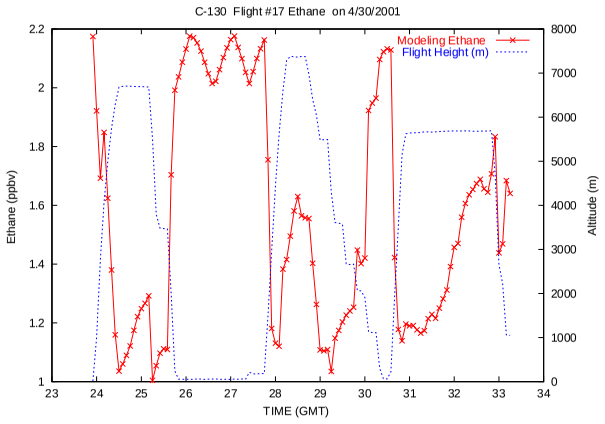

C-130 Flight #17 NO on 4/30/2001
Modeling NO
Flight Height (m)
NO (ppbv)
Altitude (m)
TIME (GMT)

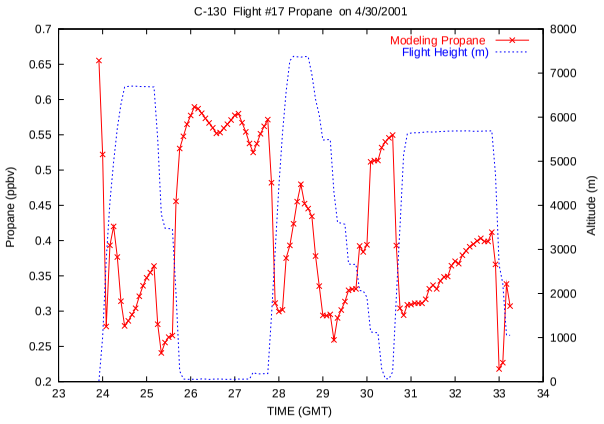

C-130 Flight #17 NO2 on 4/30/2001
Modeling NO2
Flight Height (m)
NO2 (ppbv)
Altitude (m)
TIME (GMT)

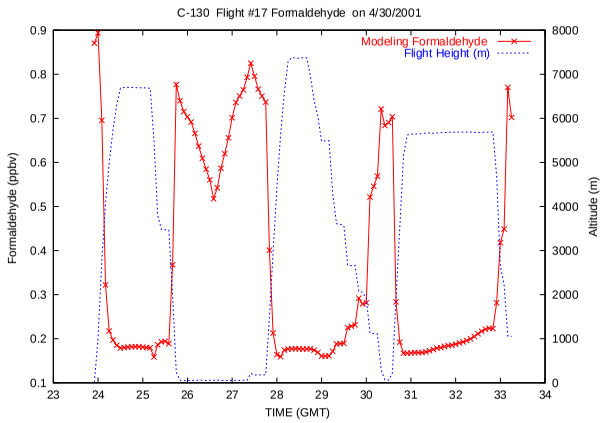

C-130 Flight #17 NOy on 4/30/2001
Modeling NOy
Flight Height (m)
NOy (ppbv)
Altitude (m)
TIME (GMT)

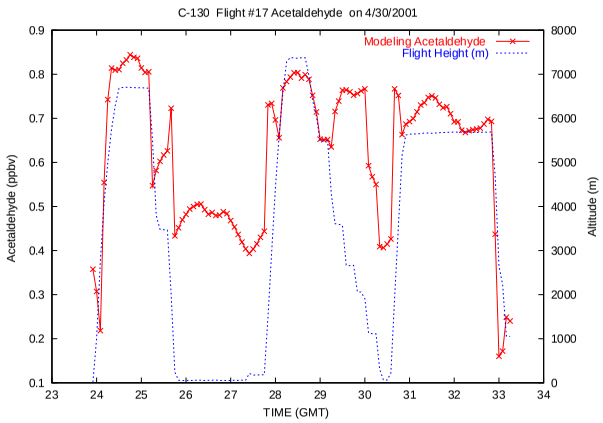

C-130 Flight #17 SO2 on 4/30/2001
Modeling SO2
Flight Height (m)
SO2 (ppbv)
Altitude (m)
TIME (GMT)

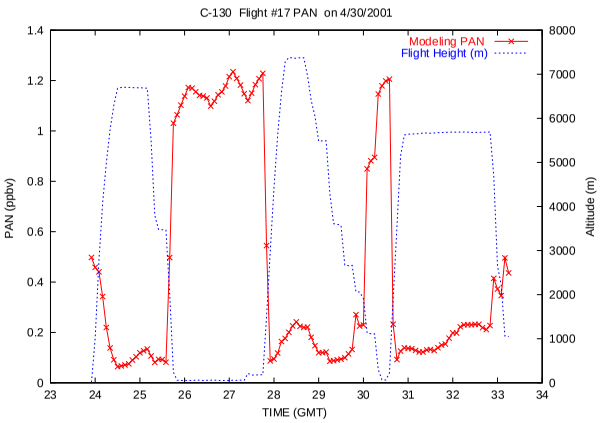

C-130 Flight #17 SO4 on 4/30/2001
Modeling SO4
Flight Height (m)
SO4 (ppbv)
Altitude (m)
TIME (GMT)

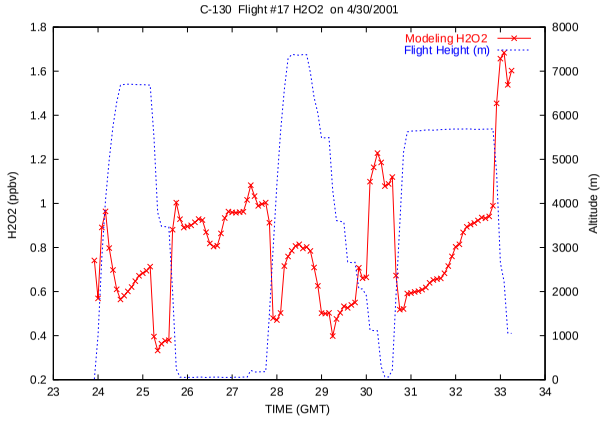

C-130 Flight #17 Ethane on 4/30/2001
Modeling Ethane
Flight Height (m)
Ethane (ppbv)
Altitude (m)
TIME (GMT)

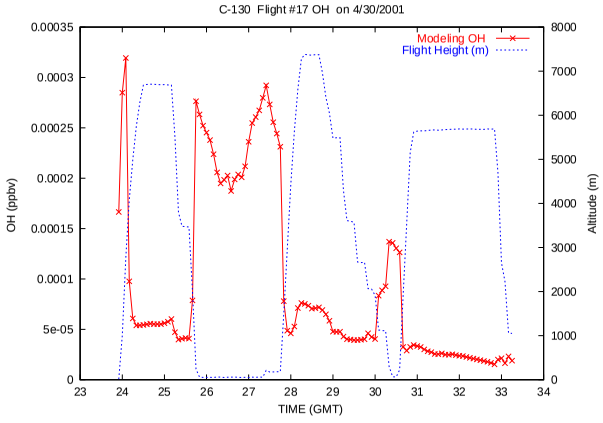

C-130 Flight #17 Propane on 4/30/2001
Modeling Propane
Flight Height (m)
Propane (ppbv)
Altitude (m)
TIME (GMT)

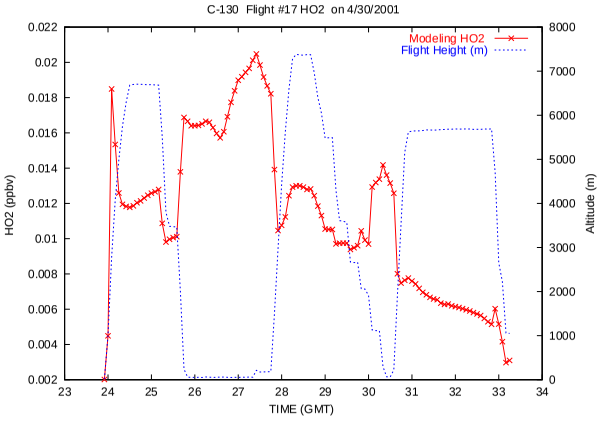

C-130 Flight #17 Formaldehyde on 4/30/2001
Modeling Formaldehyde
Flight Height (m)
Formaldehyde (ppbv)
Altitude (m)
TIME (GMT)

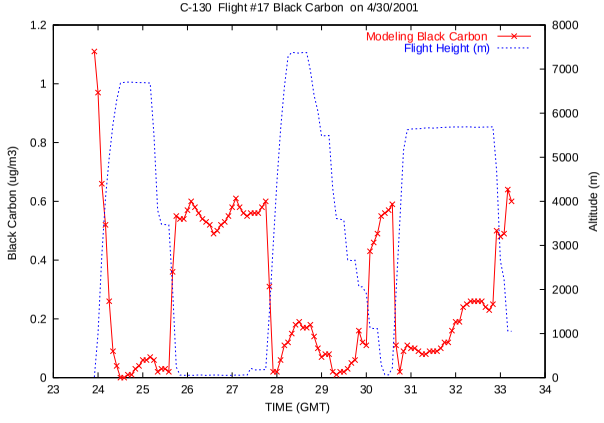

C-130 Flight #17 Acetaldehyde on 4/30/2001
Modeling Acetaldehyde
Flight Height (m)
Acetaldehyde (ppbv)
Altitude (m)
TIME (GMT)

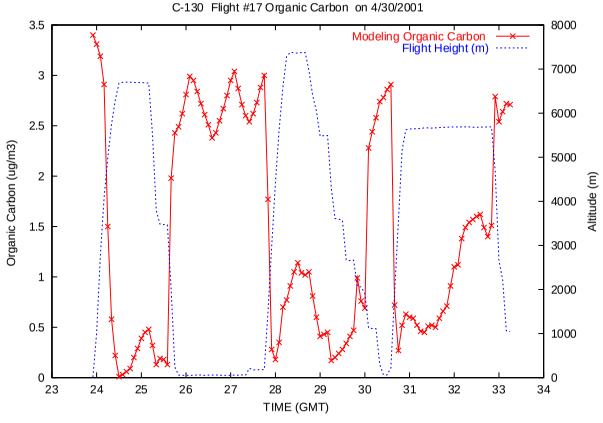

C-130 Flight #17 PAN on 4/30/2001
Modeling PAN
Flight Height (m)
PAN (ppbv)
Altitude (m)
TIME (GMT)

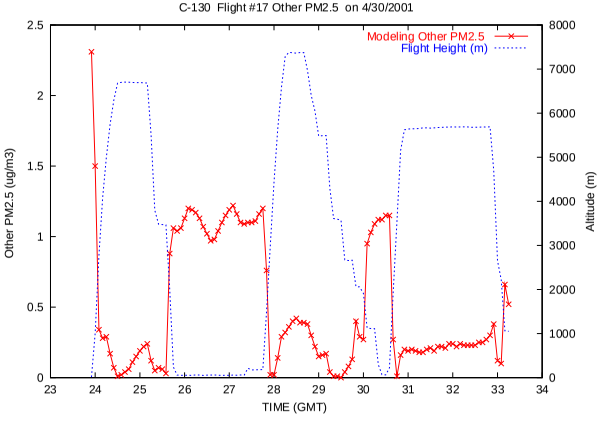

C-130 Flight #17 H2O2 on 4/30/2001
Modeling H2O2
Flight Height (m)
H2O2 (ppbv)
Altitude (m)
TIME (GMT)

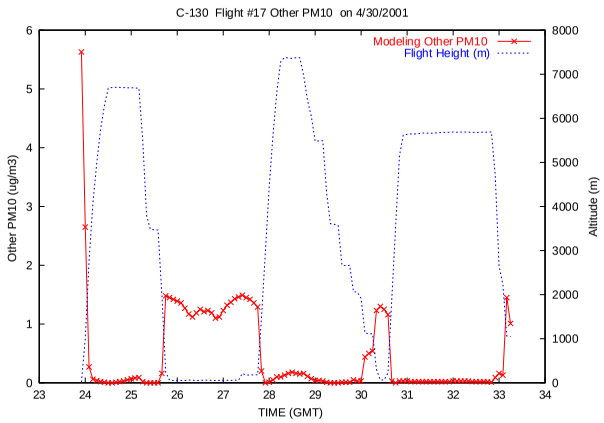

C-130 Flight #17 OH on 4/30/2001
Modeling OH
Flight Height (m)
OH (ppbv)
Altitude (m)
TIME (GMT)

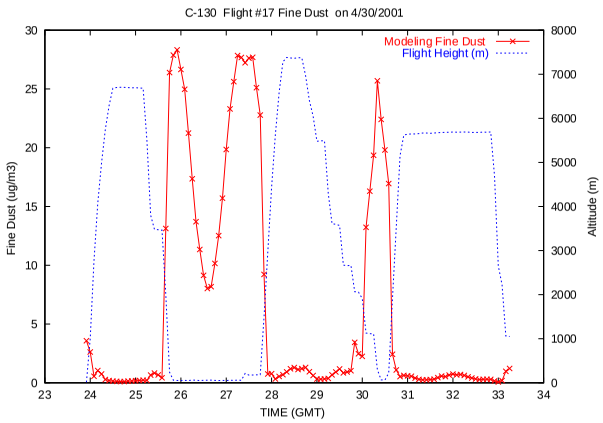

C-130 Flight #17 HO2 on 4/30/2001
Modeling HO2
Flight Height (m)
HO2 (ppbv)
Altitude (m)
TIME (GMT)

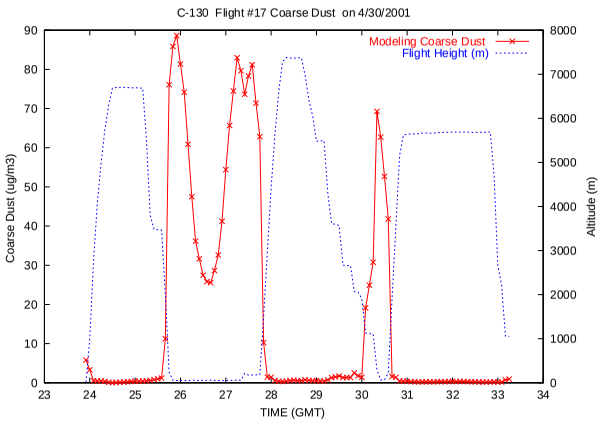

C-130 Flight #17 Black Carbon on 4/30/2001
Modeling Black Carbon
Flight Height (m)
Black Carbon (ug/m3)
Altitude (m)
TIME (GMT)

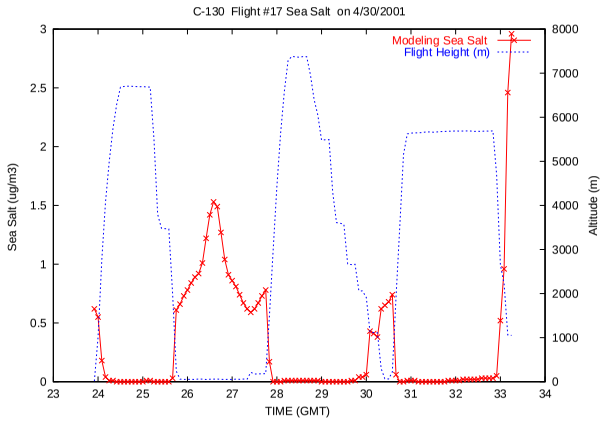

C-130 Flight #17 Organic Carbon on 4/30/2001
Modeling Organic Carbon
Flight Height (m)
Organic Carbon (ug/m3)
Altitude (m)
TIME (GMT)

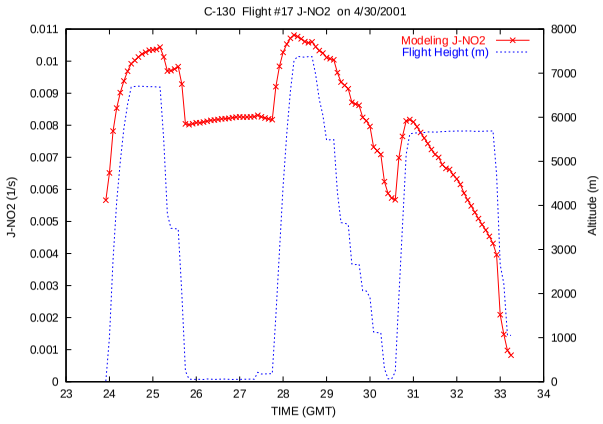

C-130 Flight #17 Other PM2.5 on 4/30/2001
Modeling Other PM2.5
Flight Height (m)
Other PM2.5 (ug/m3)
Altitude (m)
TIME (GMT)

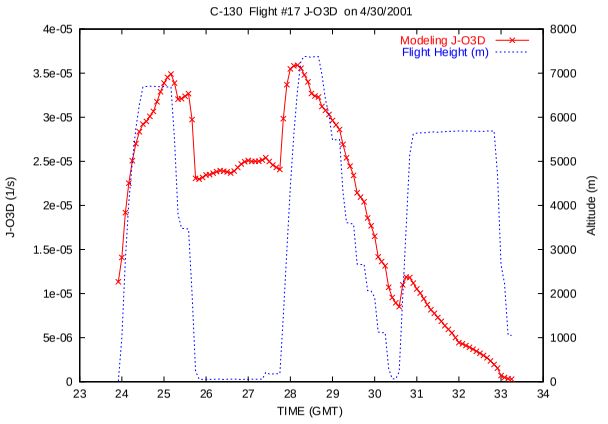

C-130 Flight #17 Other PM10 on 4/30/2001
Modeling Other PM10
Flight Height (m)
Other PM10 (ug/m3)
Altitude (m)
TIME (GMT)

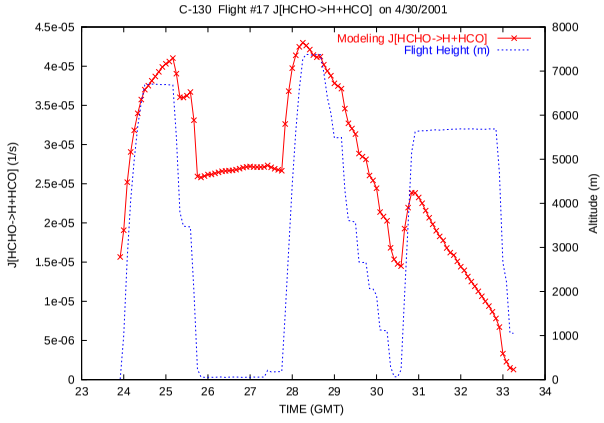

C-130 Flight #17 Fine Dust on 4/30/2001
Modeling Fine Dust
Flight Height (m)
Fine Dust (ug/m3)
Altitude (m)
TIME (GMT)

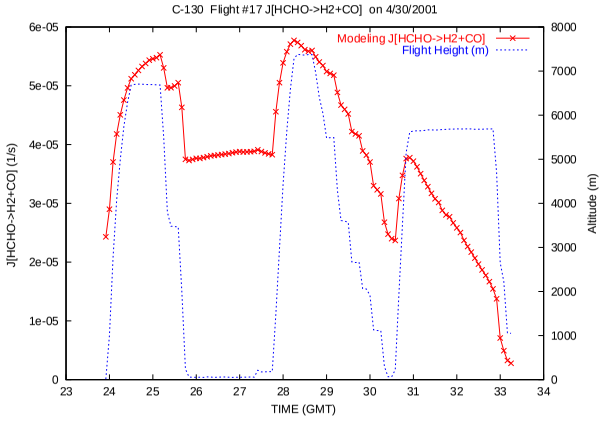

C-130 Flight #17 Coarse Dust on 4/30/2001
Modeling Coarse Dust
Flight Height (m)
Coarse Dust (ug/m3)
Altitude (m)
TIME (GMT)

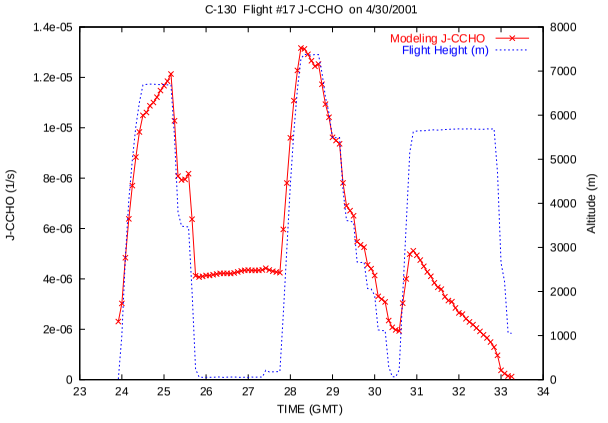

C-130 Flight #17 Sea Salt on 4/30/2001
Modeling Sea Salt
Flight Height (m)
Sea Salt (ug/m3)
Altitude (m)
TIME (GMT)

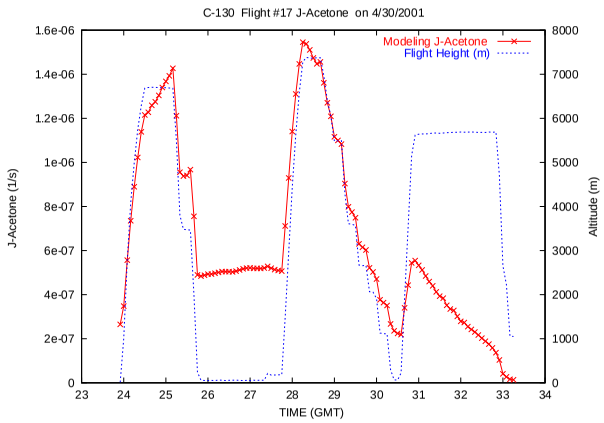

C-130 Flight #17 J-NO2 on 4/30/2001
Modeling J-NO2
Flight Height (m)
J-NO2 (1/s)
Altitude (m)
TIME (GMT)

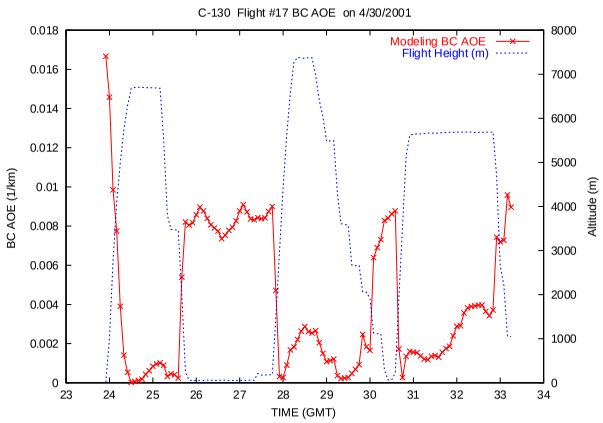

C-130 Flight #17 J-O3D on 4/30/2001
Modeling J-O3D
Flight Height (m)
J-O3D (1/s)
Altitude (m)
TIME (GMT)

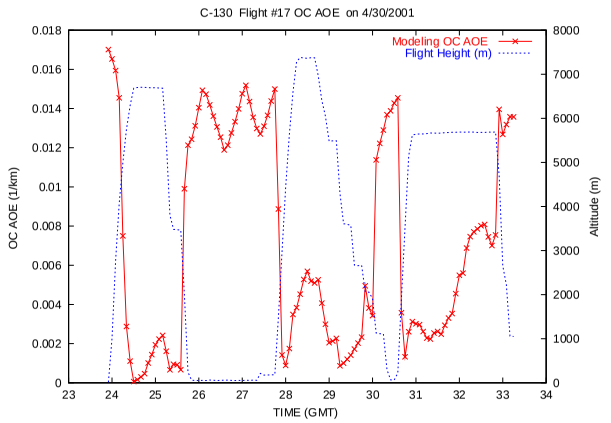

C-130 Flight #17 J[HCHO->H+HCO] on 4/30/2001
Modeling J[HCHO->H+HCO]
Flight Height (m)
J[HCHO->H+HCO] (1/s)
Altitude (m)
TIME (GMT)

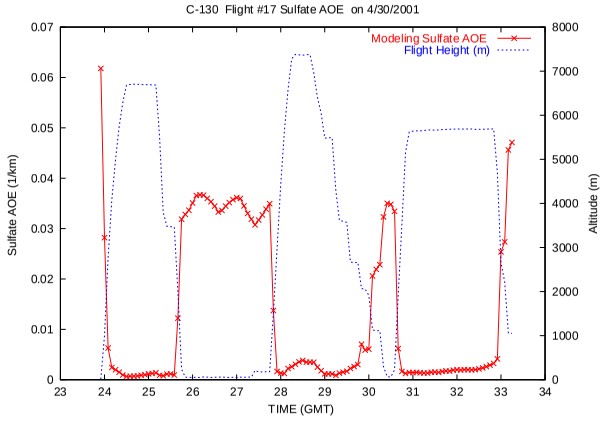

C-130 Flight #17 J[HCHO->H2+CO] on 4/30/2001
Modeling J[HCHO->H2+CO]
Flight Height (m)
J[HCHO->H2+CO] (1/s)
Altitude (m)
TIME (GMT)

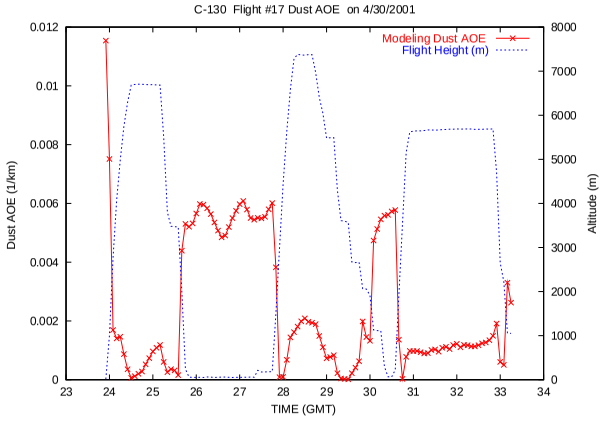

C-130 Flight #17 J-CCHO on 4/30/2001
Modeling J-CCHO
Flight Height (m)
J-CCHO (1/s)
Altitude (m)
TIME (GMT)

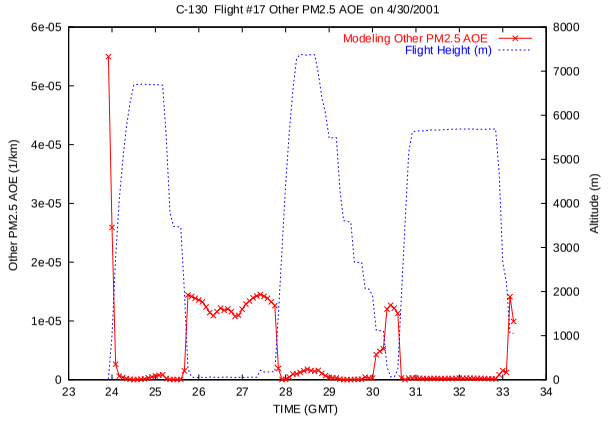

C-130 Flight #17 J-Acetone on 4/30/2001
Modeling J-Acetone
Flight Height (m)
J-Acetone (1/s)
Altitude (m)
TIME (GMT)

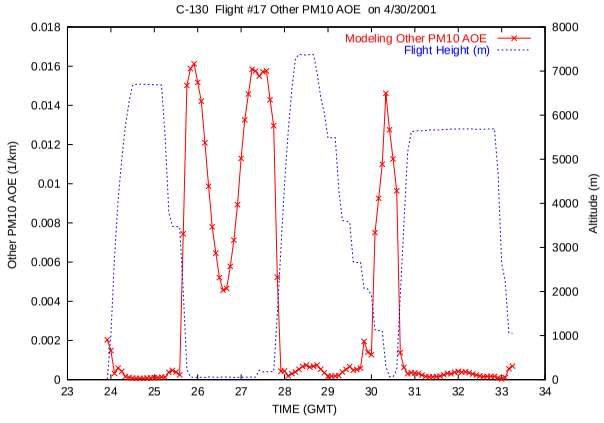

C-130 Flight #17 BC AOE on 4/30/2001
Modeling BC AOE
Flight Height (m)
BC AOE (1/km)
Altitude (m)
TIME (GMT)

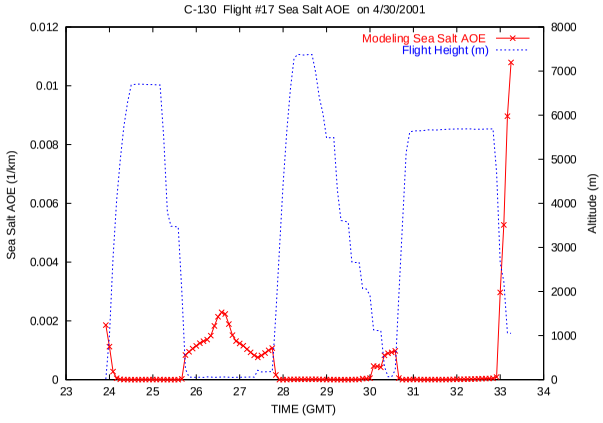

C-130 Flight #17 OC AOE on 4/30/2001
Modeling OC AOE
Flight Height (m)
OC AOE (1/km)
Altitude (m)
TIME (GMT)

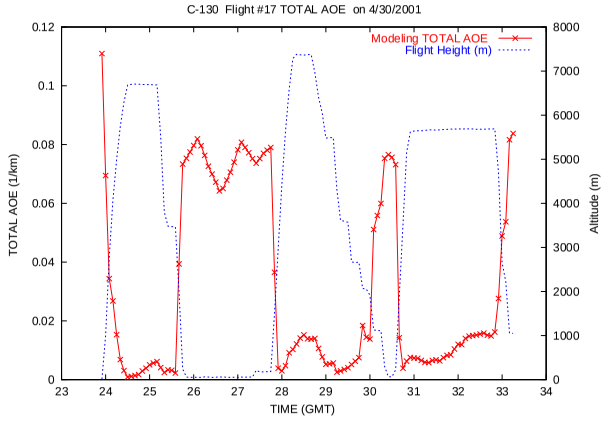

C-130 Flight #17 Sulfate AOE on 4/30/2001
Modeling Sulfate AOE
Flight Height (m)
Sulfate AOE (1/km)
Altitude (m)
TIME (GMT)


C-130 Flight #17 Dust AOE on 4/30/2001
Modeling Dust AOE
Flight Height (m)
Dust AOE (1/km)
Altitude (m)
TIME (GMT)


C-130 Flight #17 Other PM2.5 AOE on 4/30/2001
Modeling Other PM2.5 AOE
Flight Height (m)
Other PM2.5 AOE (1/km)
Altitude (m)
TIME (GMT)


C-130 Flight #17 Other PM10 AOE on 4/30/2001
Modeling Other PM10 AOE
Flight Height (m)
Other PM10 AOE (1/km)
Altitude (m)
TIME (GMT)


C-130 Flight #17 Sea Salt AOE on 4/30/2001
Modeling Sea Salt AOE
Flight Height (m)
Sea Salt AOE (1/km)
Altitude (m)
TIME (GMT)


C-130 Flight #17 TOTAL AOE on 4/30/2001
Modeling TOTAL AOE
Flight Height (m)
TOTAL AOE (1/km)
Altitude (m)
TIME (GMT)