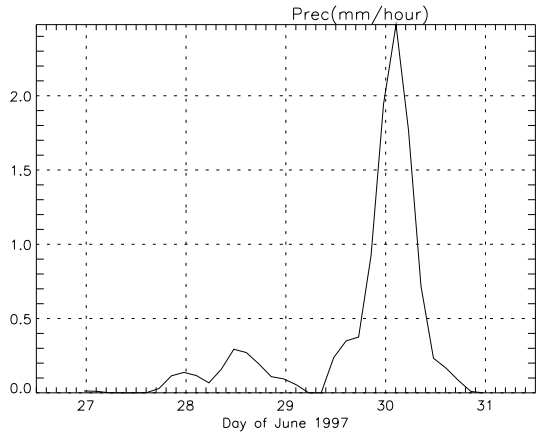
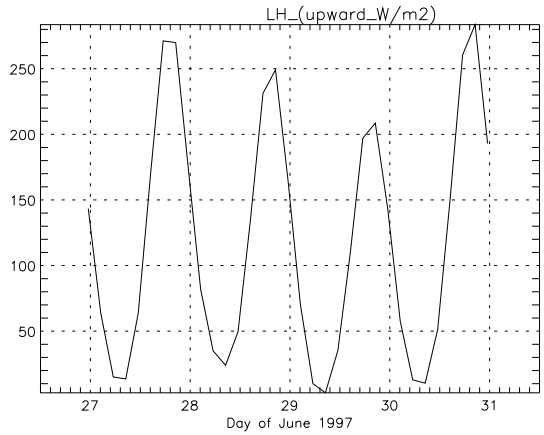
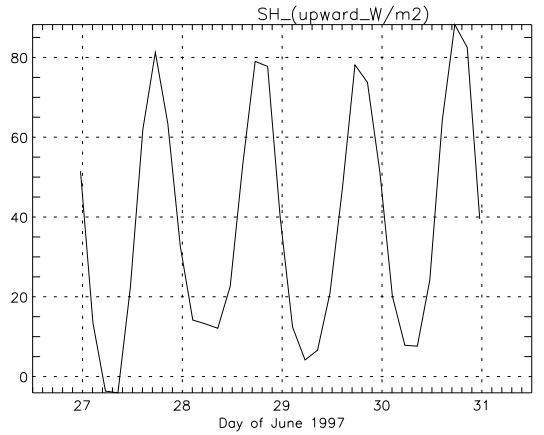
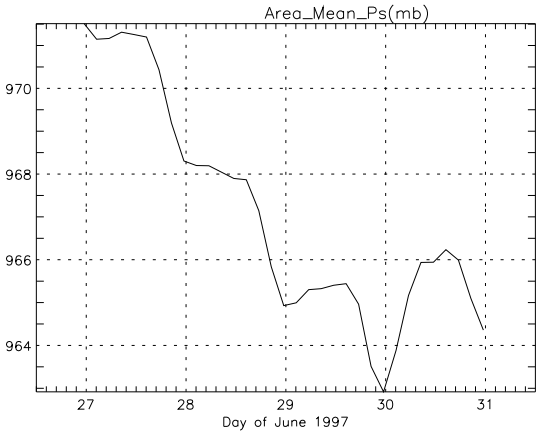
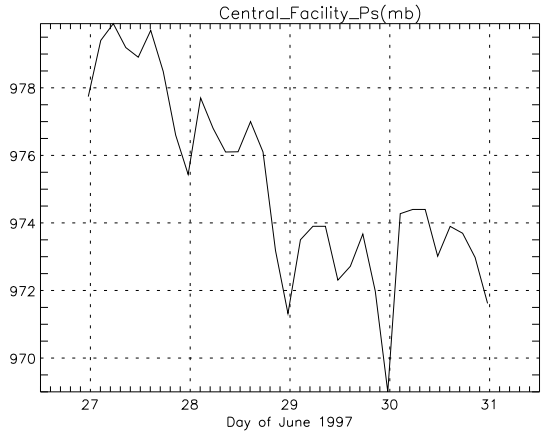
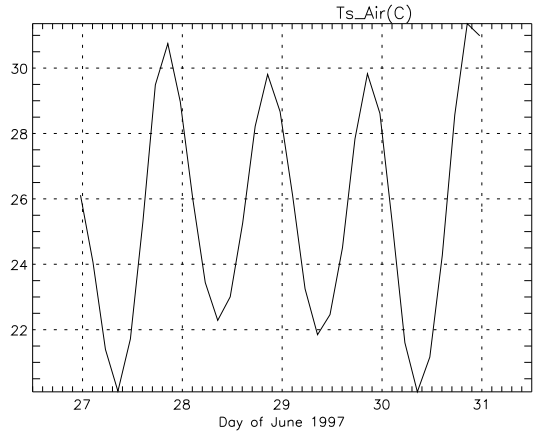

Prec(mm/hour)
2.0
1.5
1.0
0.5
0.0
27
28
29
30
31
Day of June 1997

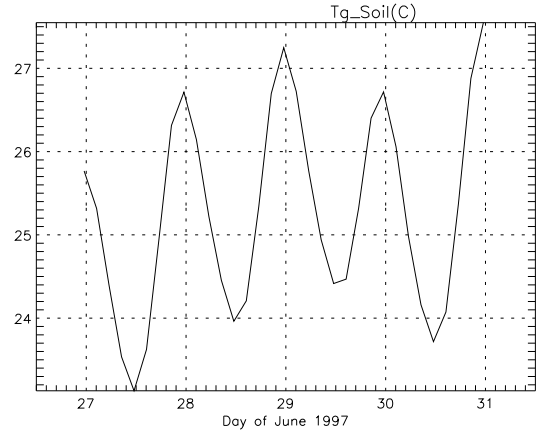

LH_(upward_W/m2)
250
200
150
100
50
27
28
29
30
31
Day of June 1997

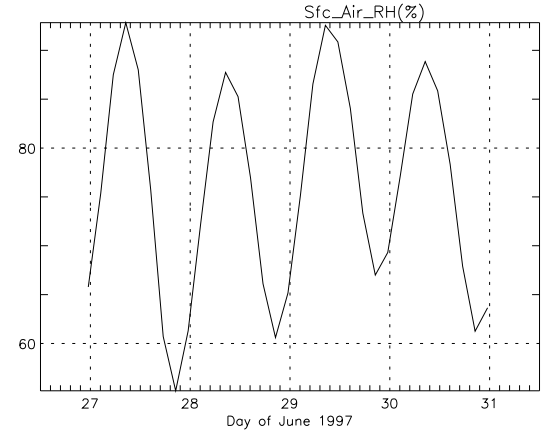

SH_(upward_W/m2)
80
60
40
20
0
27
28
29
30
31
Day of June 1997

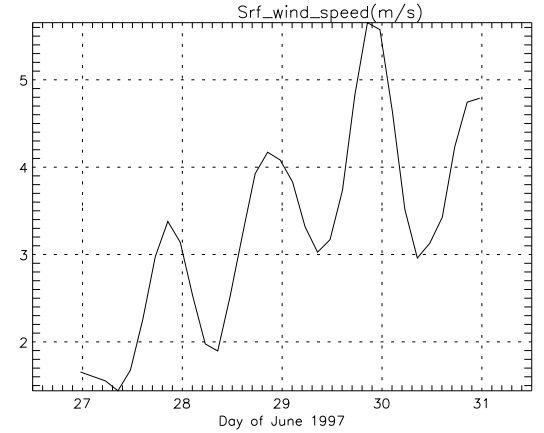

Area_Mean_Ps(mb)
970
968
966
964
27
28
29
30
31
Day of June 1997

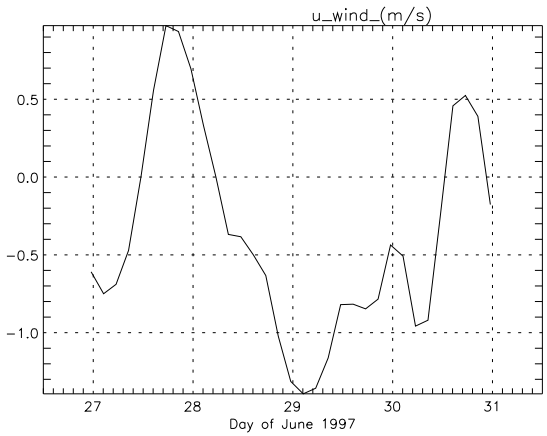

Central_Facility_Ps(mb)
978
976
974
972
970
27
28
29
30
31
Day of June 1997

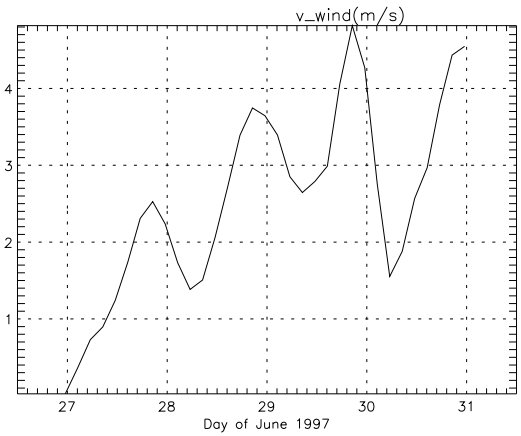

Ts_Air(C)
30
28
26
24
22
27
28
29
30
31
Day of June 1997

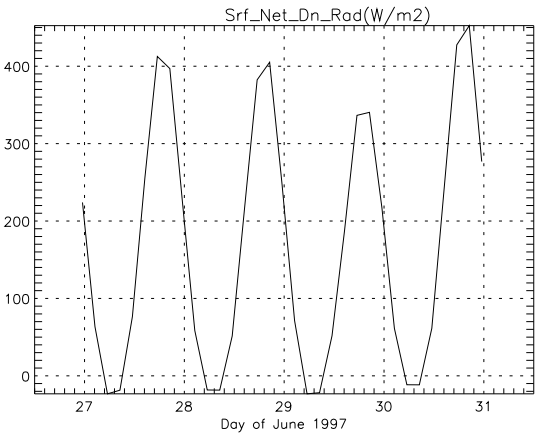

Tg_Soil(C)
27
26
25
24
27
28
29
30
31
Day of June 1997

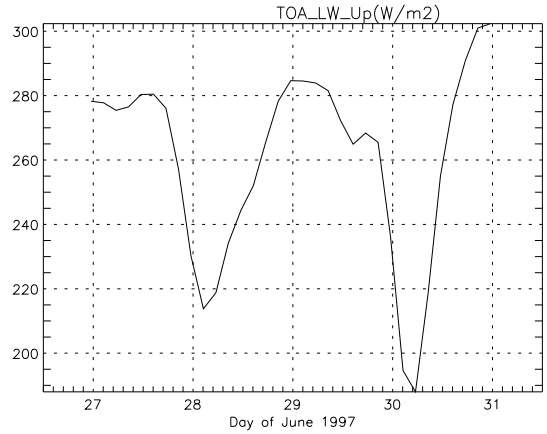

Sfc_Air_RH(%)
80
60
27
28
29
30
31
Day of June 1997

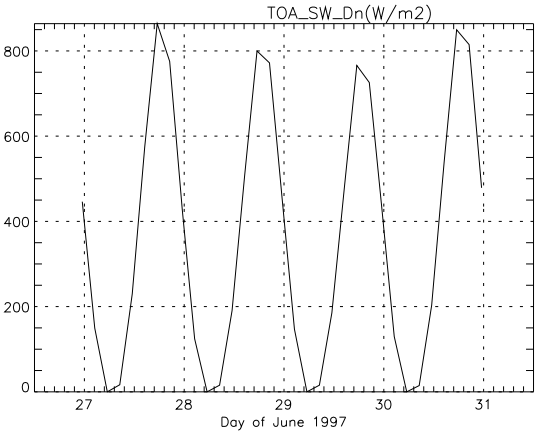

Srf_wind_speed(m/s)
5
4
3
2
27
28
29
30
31
Day of June 1997

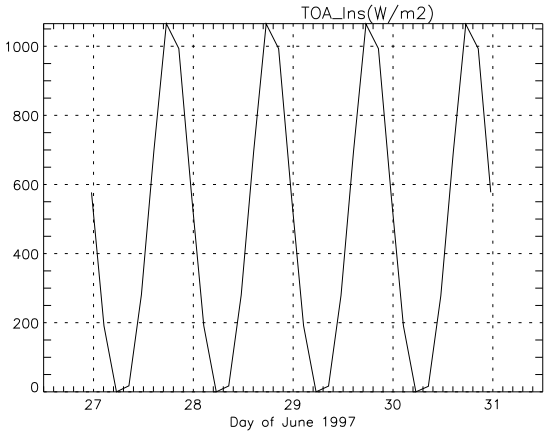

u_wind_(m/s)
0.5
0.0
−0.5
−1.0
27
28
29
30
31
Day of June 1997

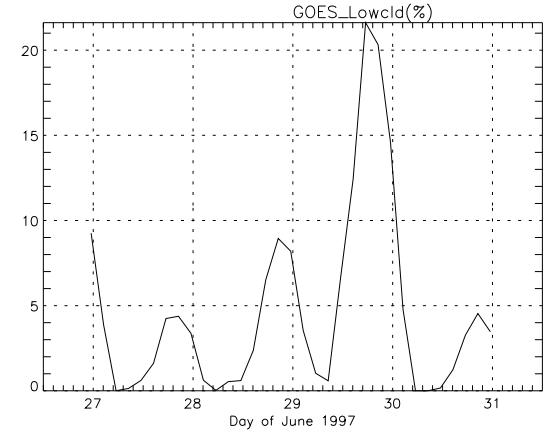

v_wind(m/s)
4
3
2
1
27
28
29
30
31
Day of June 1997

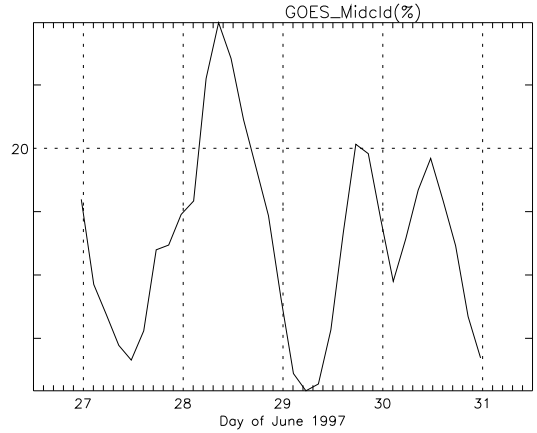

Srf_Net_Dn_Rad(W/m2)
400
300
200
100
0
27
28
29
30
31
Day of June 1997

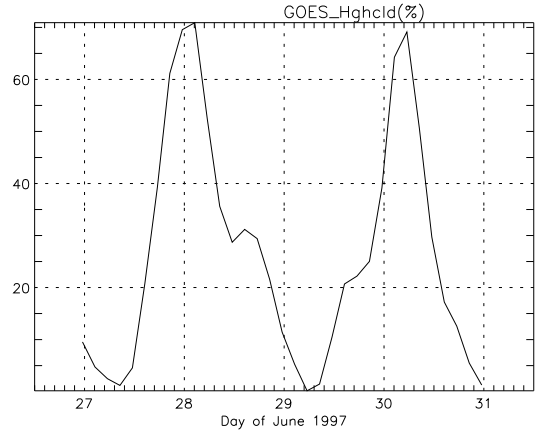

TOA_LW_Up(W/m2)
300
280
260
240
220
200
27
28
29
30
31
Day of June 1997

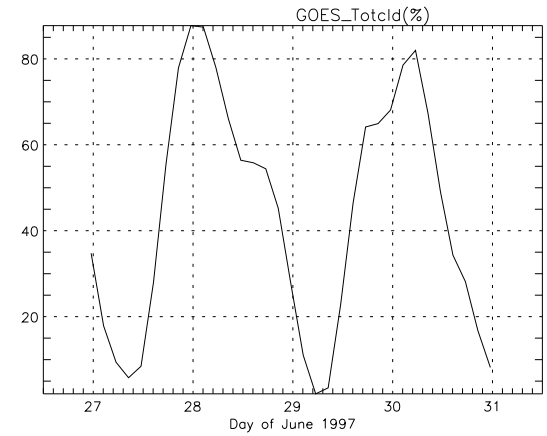

TOA_SW_Dn(W/m2)
800
600
400
200
0
27
28
29
30
31
Day of June 1997

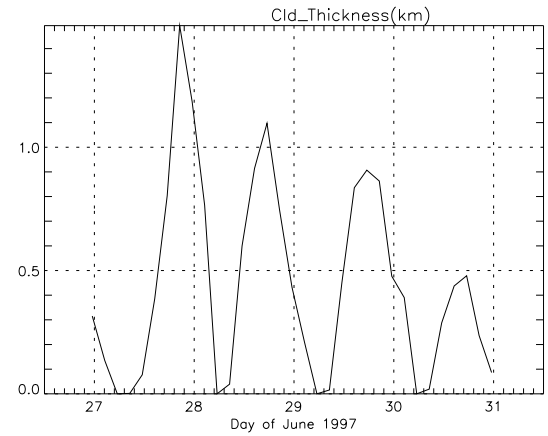

TOA_Ins(W/m2)
1000
800
600
400
200
0
27
28
29
30
31
Day of June 1997

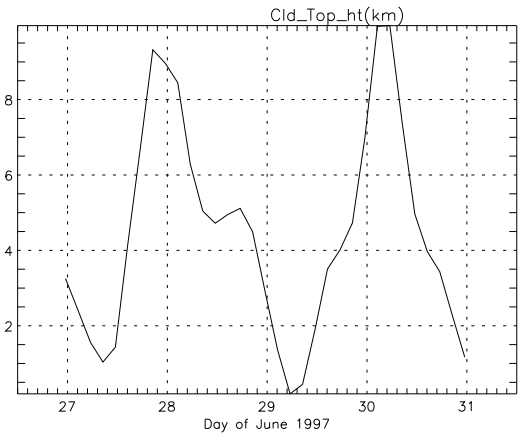

GOES_Lowcld(%)
20
15
10
5
0
27
28
29
30
31
Day of June 1997

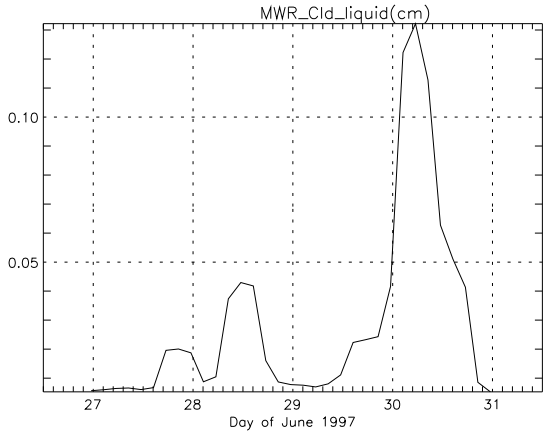

GOES_Midcld(%)
20
27
28
29
30
31
Day of June 1997

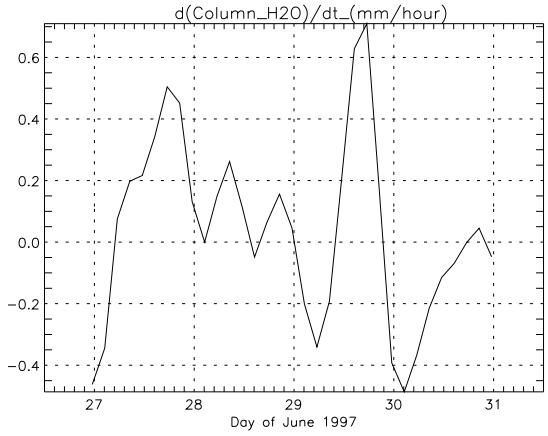

GOES_Hghcld(%)
60
40
20
27
28
29
30
31
Day of June 1997

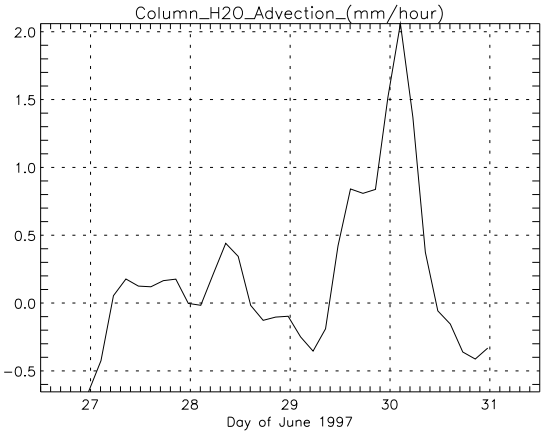

GOES_TotCld(%)
80
60
40
20
27
28
29
30
31
Day of June 1997

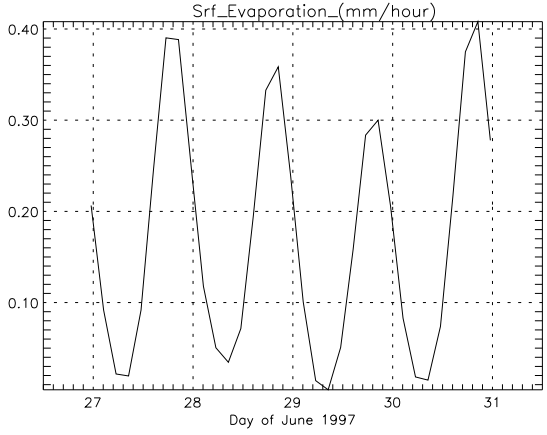

Cld_Thickness(km)
1.0
0.5
0.0
27
28
29
30
31
Day of June 1997

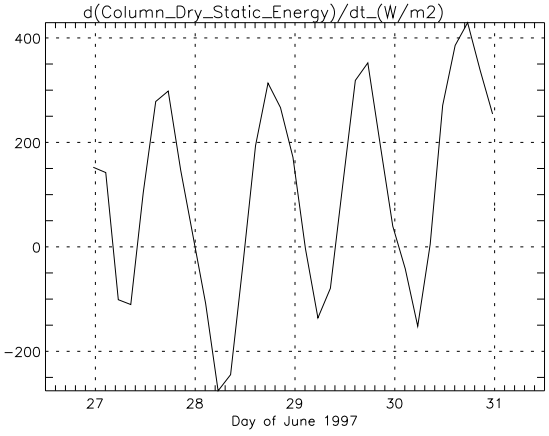

Cld_Top_ht(km)
8
6
4
2
27
28
29
30
31
Day of June 1997

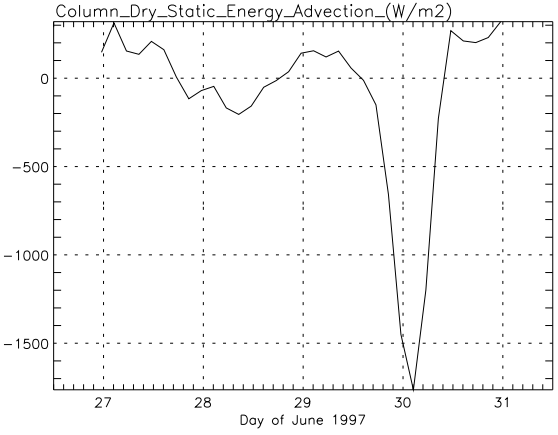

MWR_Cld_liquid(cm)
0.10
0.05
27
28
29
30
31
Day of June 1997

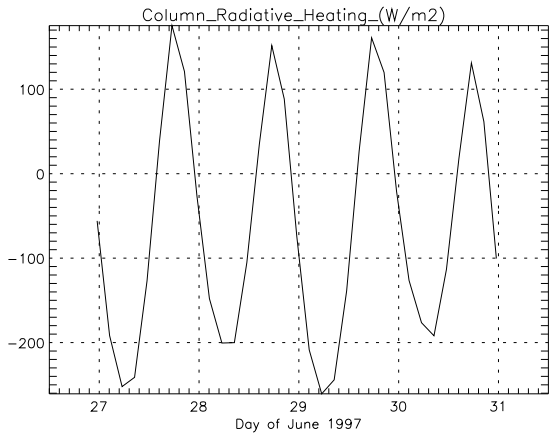

d(Column_H2O)/dt_(mm/hour)
0.6
0.4
0.2
0.0
−0.2
−0.4
27
28
29
30
31
Day of June 1997

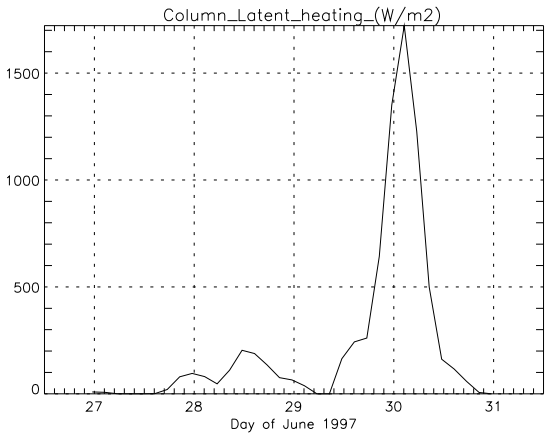

Column_H2O_Advection_(mm/hour)
2.0
1.5
1.0
0.5
0.0
−0.5
27
28
29
30
31
Day of June 1997


Srf_Evaporation_(mm/hour)
0.40
0.30
0.20
0.10
27
28
29
30
31
Day of June 1997


d(Column_Dry_Static_Energy)/dt_(W/m2)
400
200
0
−200
27
28
29
30
31
Day of June 1997


Column_Dry_Static_Energy_Advection_(W/m2)
0
−500
−1000
−1500
27
28
29
30
31
Day of June 1997


Column_Radiative_Heating_(W/m2)
100
0
−100
−200
27
28
29
30
31
Day of June 1997


Column_Latent_heating_(W/m2)
1500
1000
500
0
27
28
29
30
31
Day of June 1997