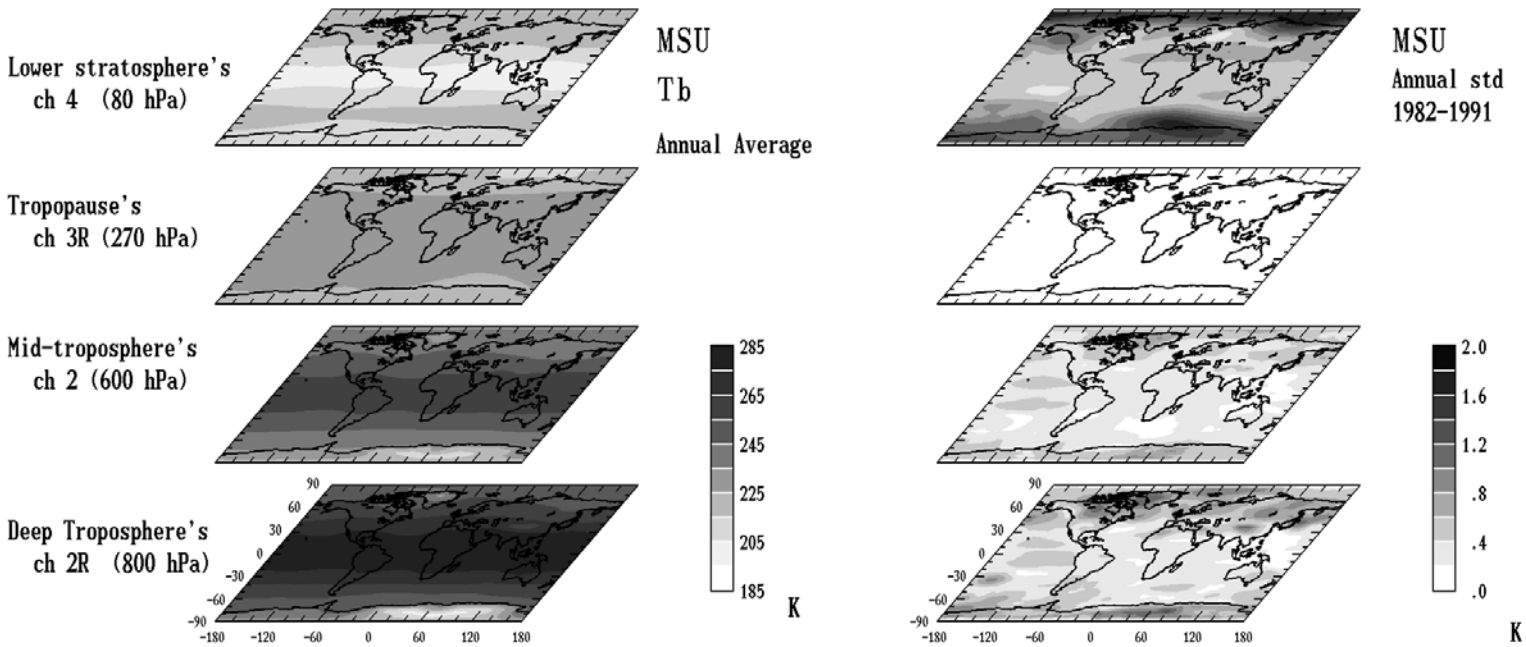
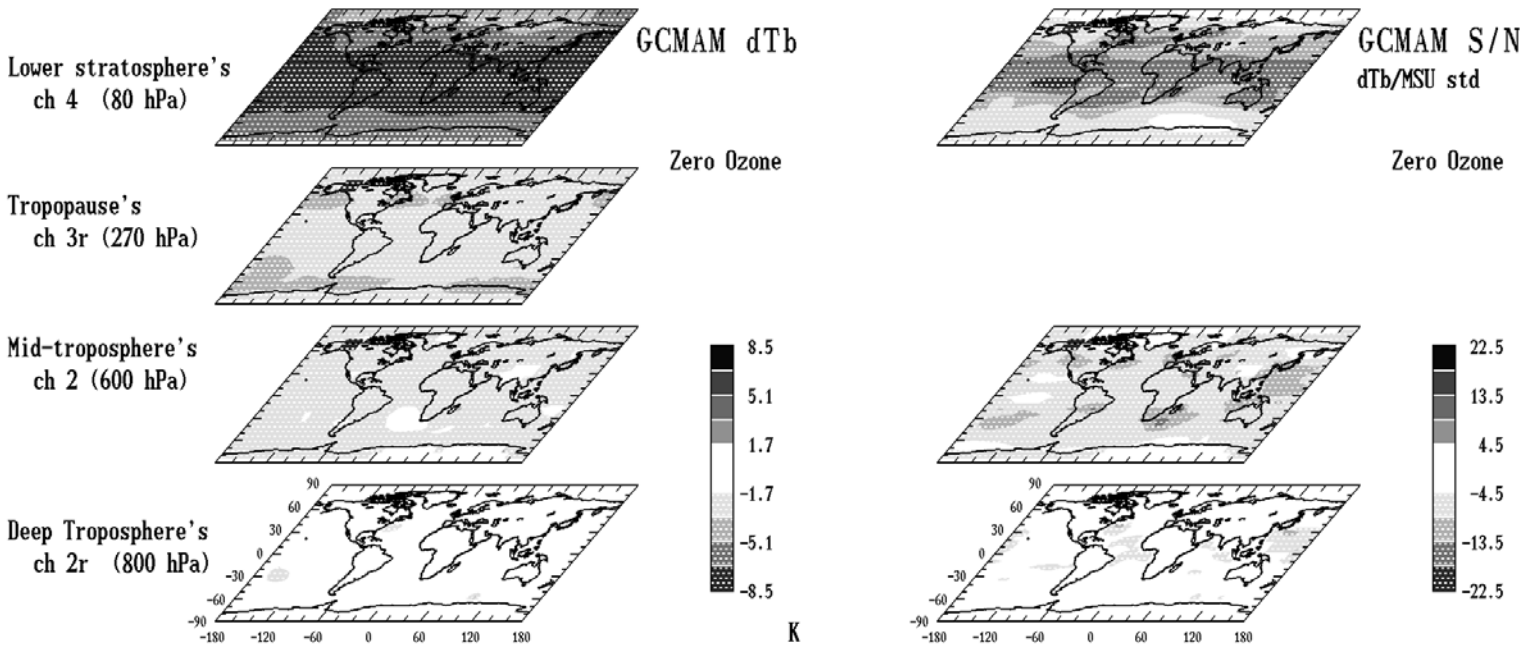
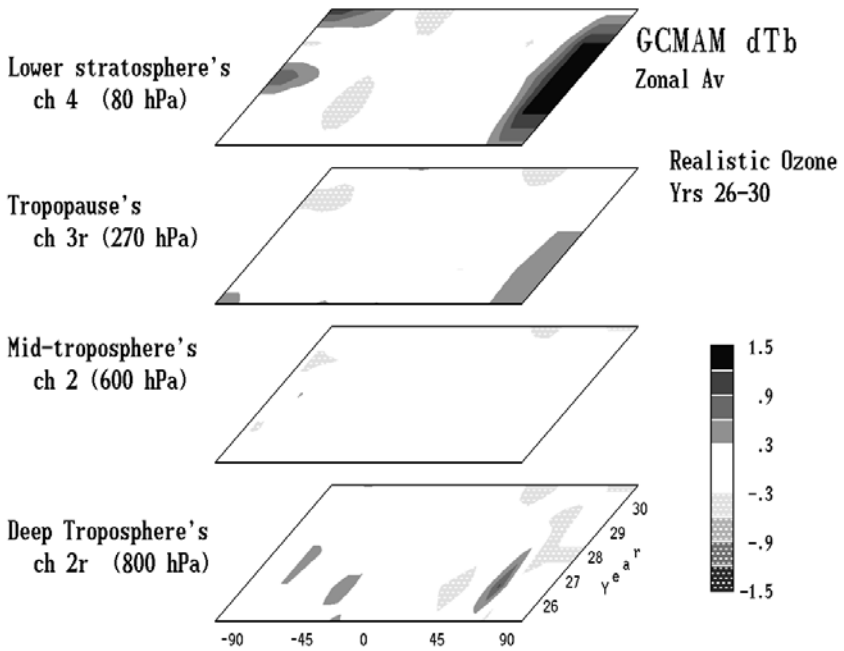
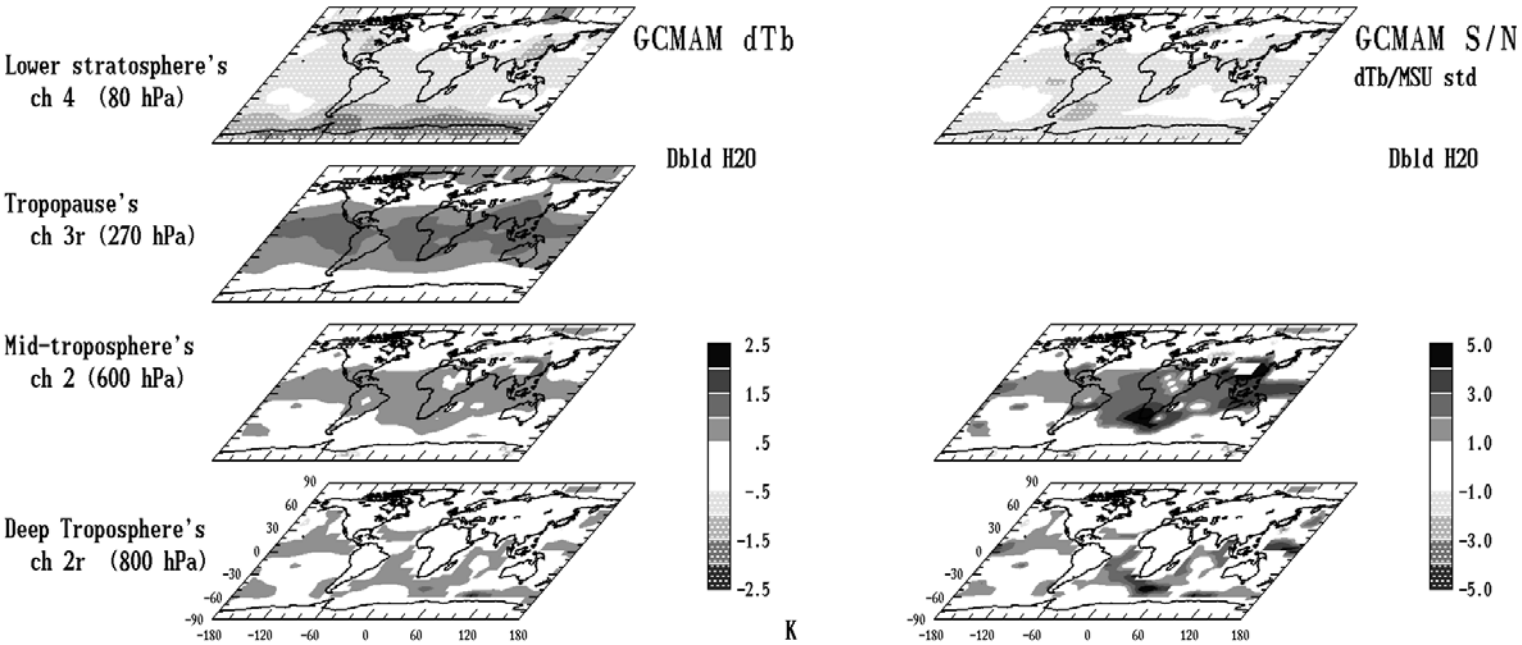
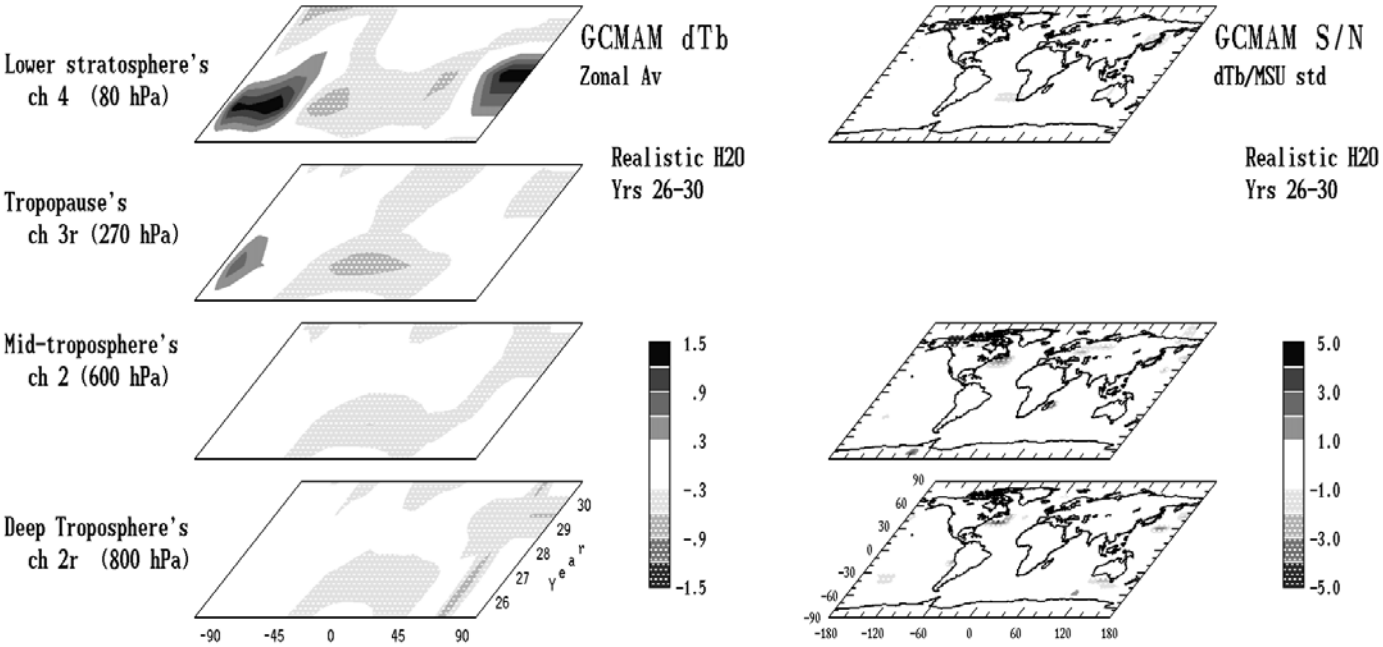
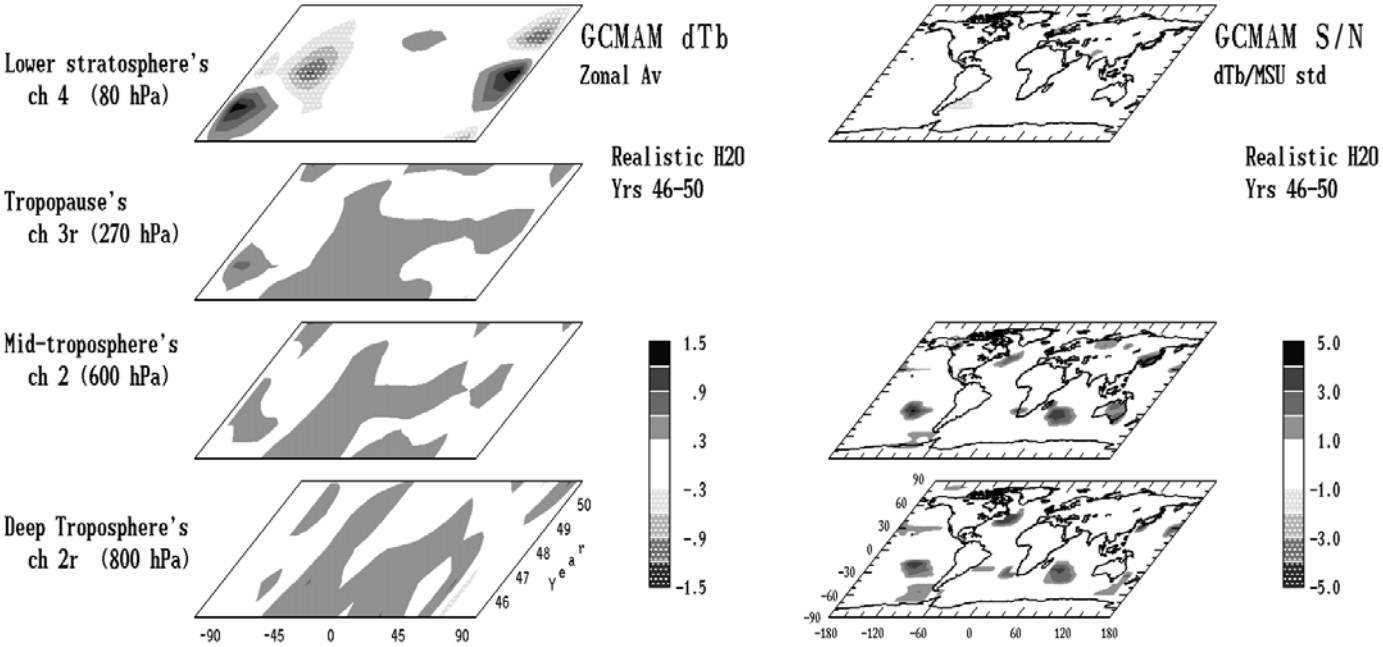

Lower stratosphere's
ch 4 (80 hPa)
Tropopause's
ch 3R (270 hPa)
Mid-troposphere's
ch 2 (600 hPa)
Deep Troposphere's
ch 2R (800 hPa)
MSU
Tb
Annual Average
285
265
245
225
205
185
K
MSU
Annual std
1982-1991
2.0
1.6
1.2
.8
.4
.0
K
90
60
30
0
-30
-60
-90
-180
-120
-60
0
60
120
180


GCMAM dTb
Zero Ozone
Lower stratosphere's
ch 4 (80 hPa)
Tropopause's
ch 3r (270 hPa)
Mid-troposphere's
ch 2 (600 hPa)
Deep Troposphere's
ch 2r (800 hPa)
8.5
5.1
1.7
-1.7
-5.1
-8.5
K
GCMAM S/N
dTb/MSU std
Zero Ozone
22.5
13.5
4.5
-4.5
-13.5
-22.5
90
60
30
0
-30
-60
-90
-180
-120
-60
0
60
120
180


GCMAM dTb
Zonal Av
Realistic Ozone
Yrs 26-30
Lower stratosphere's
ch 4 (80 hPa)
Tropopause's
ch 3r (270 hPa)
Mid-troposphere's
ch 2 (600 hPa)
Deep Troposphere's
ch 2r (800 hPa)
-90
-45
0
45
90
26
27
28
29
30
Year
1.5
.9
.3
-.3
-.9
-1.5


GCMAM dTb
Dbld H2O
GCMAM S/N
dTb/MSU std
Dbld H2O
Lower stratosphere's
ch 4 (80 hPa)
Tropopause's
ch 3r (270 hPa)
Mid-troposphere's
ch 2 (600 hPa)
Deep Troposphere's
ch 2r (800 hPa)
2.5
1.5
.5
-.5
-1.5
-2.5
K
5.0
3.0
1.0
-1.0
-3.0
-5.0
90
60
30
0
-30
-60
-90
-180
-120
-60
0
60
120
180


Lower stratosphere's
ch 4 (80 hPa)
Tropopause's
ch 3r (270 hPa)
Mid-troposphere's
ch 2 (600 hPa)
Deep Troposphere's
ch 2r (800 hPa)
GCMAM dTb
Zonal Av
Realistic H2O
Yrs 26-30
GCMAM S/N
dTb/MSU std
Realistic H2O
Yrs 26-30
1.5
.9
.3
-.3
-.9
-1.5
5.0
3.0
1.0
-1.0
-3.0
-5.0
Year
26
27
28
29
30
-90
-45
0
45
90
-180
-120
-60
0
60
120
180


Lower stratosphere's
ch 4 (80 hPa)
Tropopause's
ch 3r (270 hPa)
Mid-troposphere's
ch 2 (600 hPa)
Deep Troposphere's
ch 2r (800 hPa)
GCMAM dTb
Zonal Av
Realistic H2O
Yrs 46-50
GCMAM S/N
dTb/MSU std
Realistic H2O
Yrs 46-50
1.5
.9
.3
-.3
-.9
-1.5
5.0
3.0
1.0
-1.0
-3.0
-5.0
Year
46
47
48
49
50
-90
-45
0
45
90
-180
-120
-60
0
60
120
180