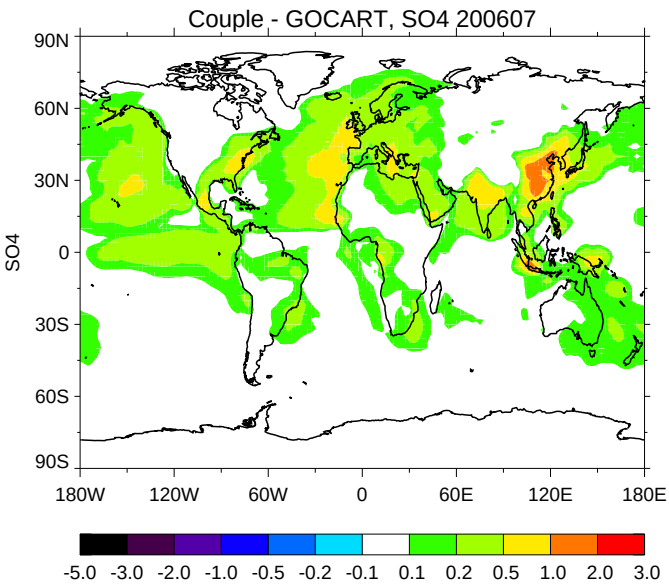
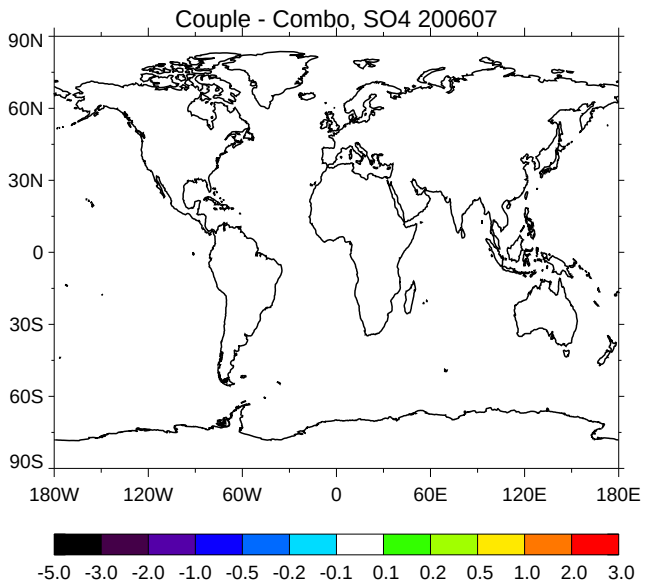
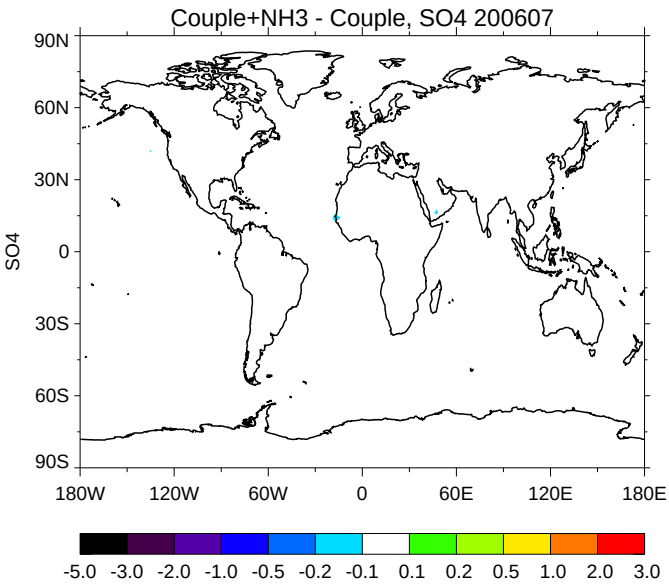
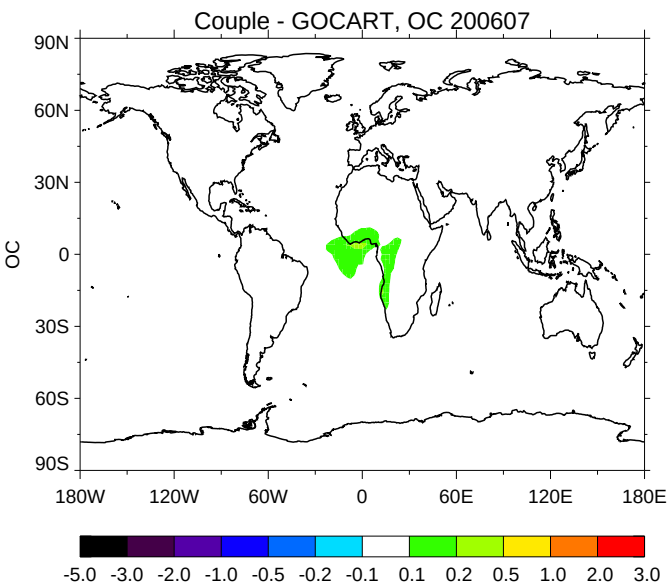
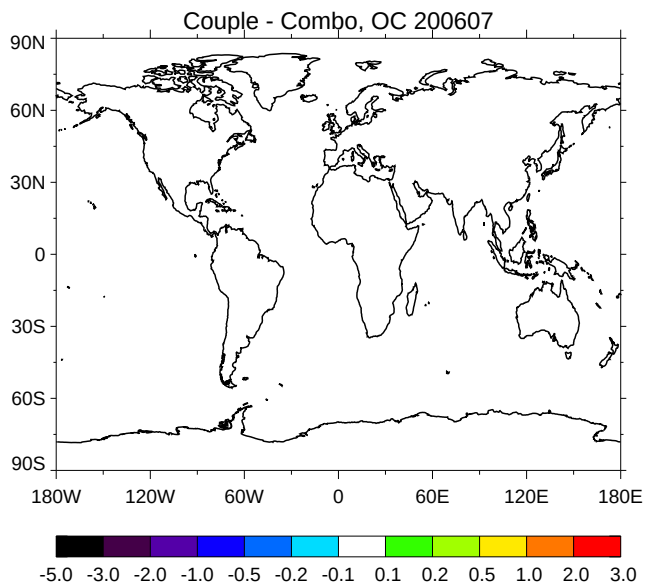
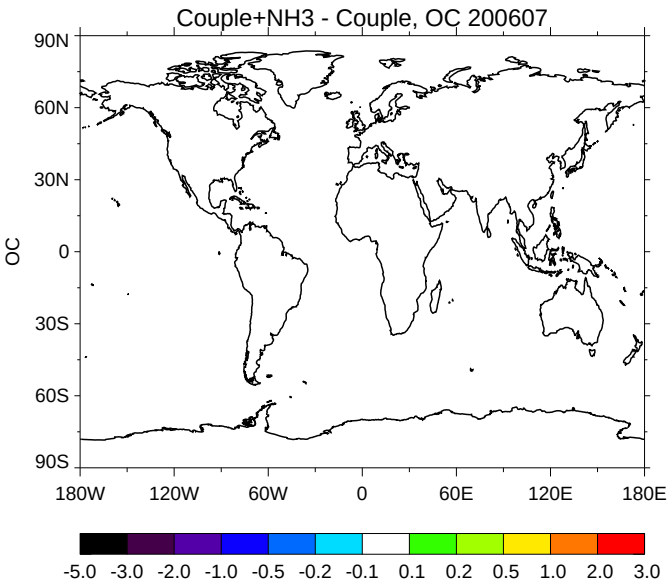

Couple - GOCART, SO4 200607
SO4
90N
60N
30N
0
30S
60S
90S
180W
120W
60W
0
60E
120E
180E
-5.0 -3.0 -2.0 -1.0 -0.5 -0.2 -0.1 0.1 0.2 0.5 1.0 2.0 3.0

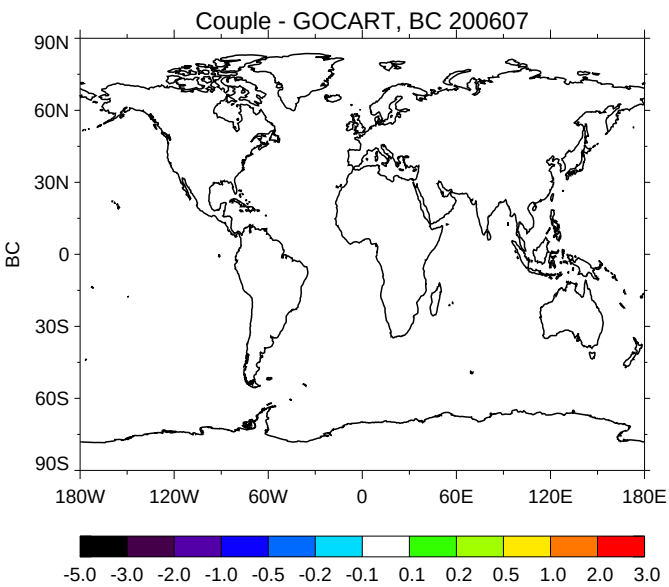

Couple - Combo, SO4 200607
90N
60N
30N
0
30S
60S
90S
180W
120W
60W
0
60E
120E
180E
-5.0 -3.0 -2.0 -1.0 -0.5 -0.2 -0.1 0.1 0.2 0.5 1.0 2.0 3.0

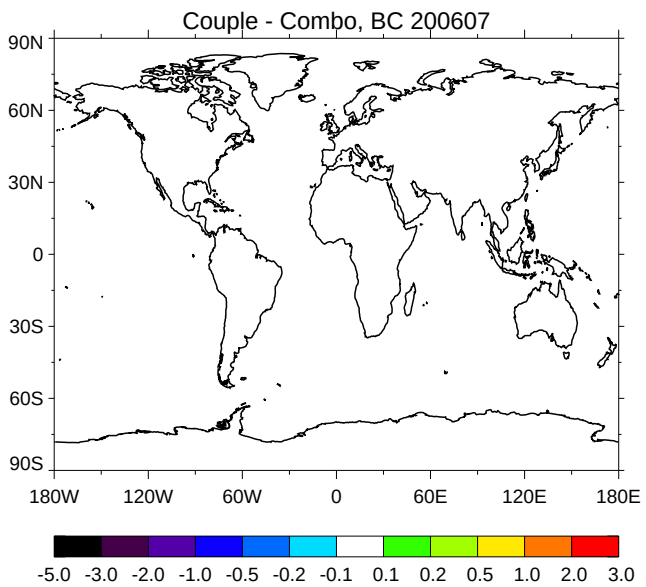

Couple+NH3 - Couple, SO4 200607
SO4
90N
60N
30N
0
30S
60S
90S
180W
120W
60W
0
60E
120E
180E
-5.0 -3.0 -2.0 -1.0 -0.5 -0.2 -0.1 0.1 0.2 0.5 1.0 2.0 3.0

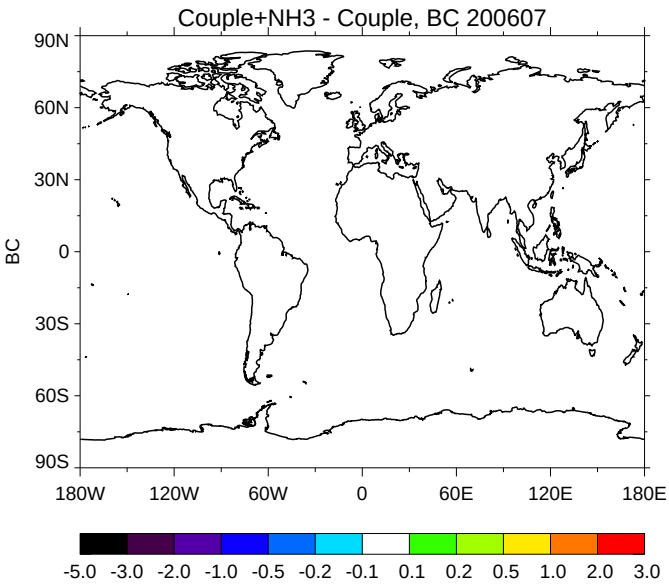

Couple - GOCART, OC 200607
OC
90N
60N
30N
0
30S
60S
90S
180W
120W
60W
0
60E
120E
180E
-5.0 -3.0 -2.0 -1.0 -0.5 -0.2 -0.1 0.1 0.2 0.5 1.0 2.0 3.0

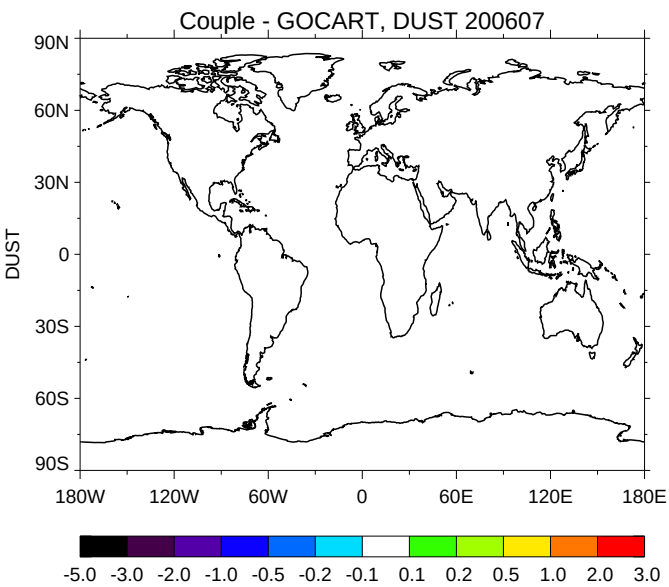

Couple - Combo, OC 200607
90N
60N
30N
0
30S
60S
90S
180W
120W
60W
0
60E
120E
180E
-5.0 -3.0 -2.0 -1.0 -0.5 -0.2 -0.1 0.1 0.2 0.5 1.0 2.0 3.0

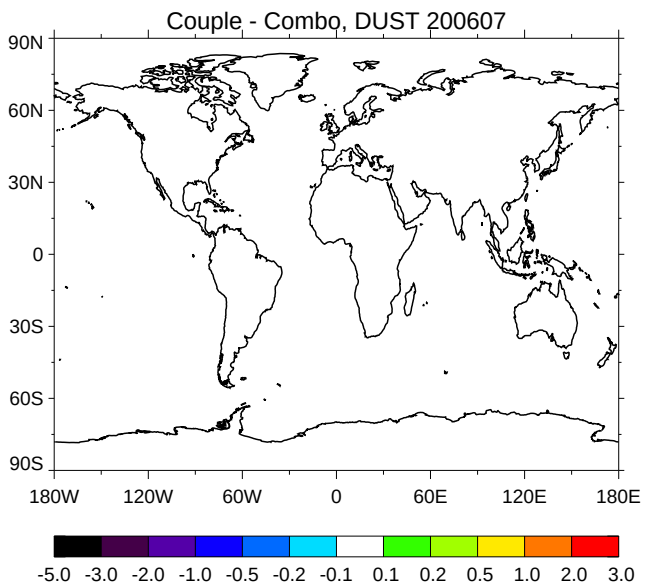

Couple+NH3 - Couple, OC 200607
OC
90N
60N
30N
0
30S
60S
90S
180W
120W
60W
0
60E
120E
180E
-5.0 -3.0 -2.0 -1.0 -0.5 -0.2 -0.1 0.1 0.2 0.5 1.0 2.0 3.0

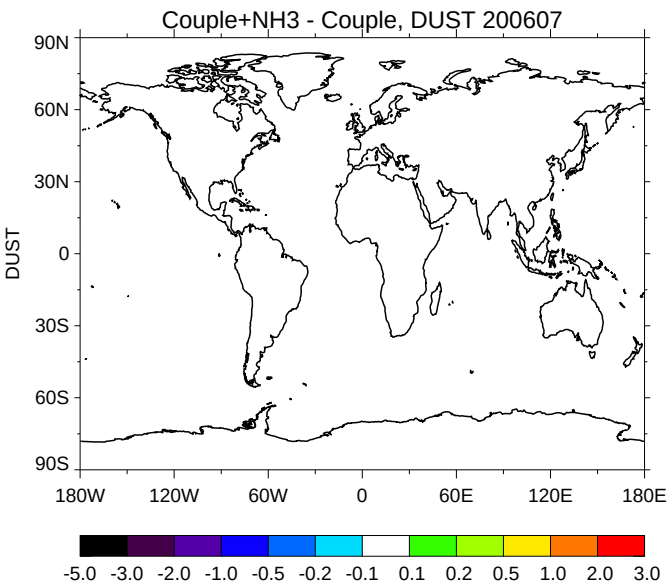

Couple - GOCART, BC 200607
BC
90N
60N
30N
0
30S
60S
90S
180W
120W
60W
0
60E
120E
180E
-5.0 -3.0 -2.0 -1.0 -0.5 -0.2 -0.1 0.1 0.2 0.5 1.0 2.0 3.0

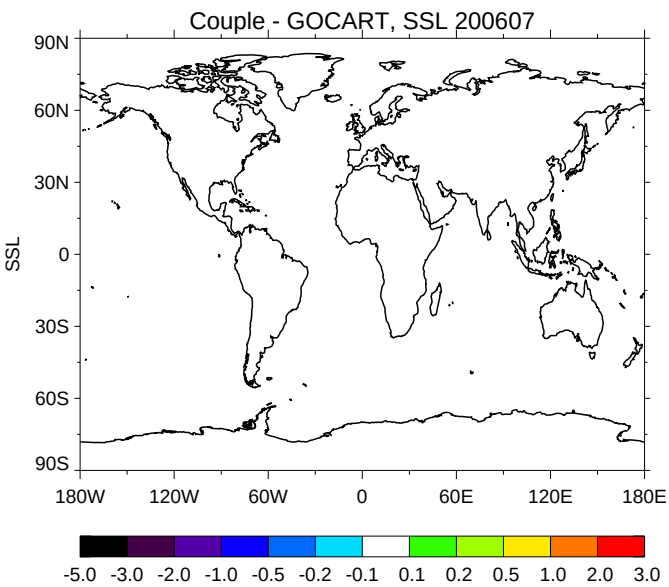

Couple - Combo, BC 200607
90N
60N
30N
0
30S
60S
90S
180W
120W
60W
0
60E
120E
180E
-5.0 -3.0 -2.0 -1.0 -0.5 -0.2 -0.1 0.1 0.2 0.5 1.0 2.0 3.0

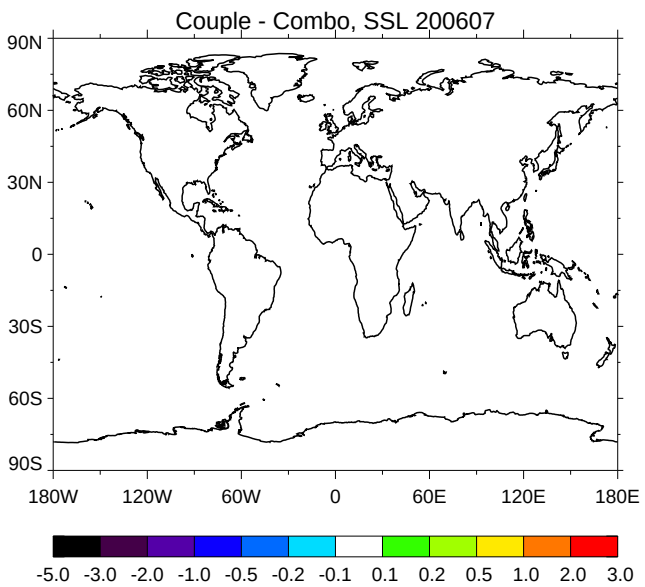

Couple+NH3 - Couple, BC 200607
BC
90N
60N
30N
0
30S
60S
90S
180W
120W
60W
0
60E
120E
180E
-5.0 -3.0 -2.0 -1.0 -0.5 -0.2 -0.1 0.1 0.2 0.5 1.0 2.0 3.0

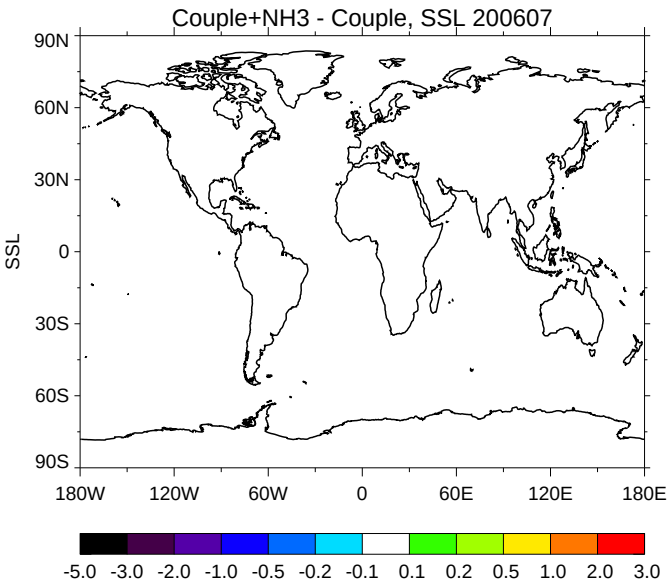

Couple - GOCART, DUST 200607
DUST
90N
60N
30N
0
30S
60S
90S
180W
120W
60W
0
60E
120E
180E
-5.0 -3.0 -2.0 -1.0 -0.5 -0.2 -0.1 0.1 0.2 0.5 1.0 2.0 3.0

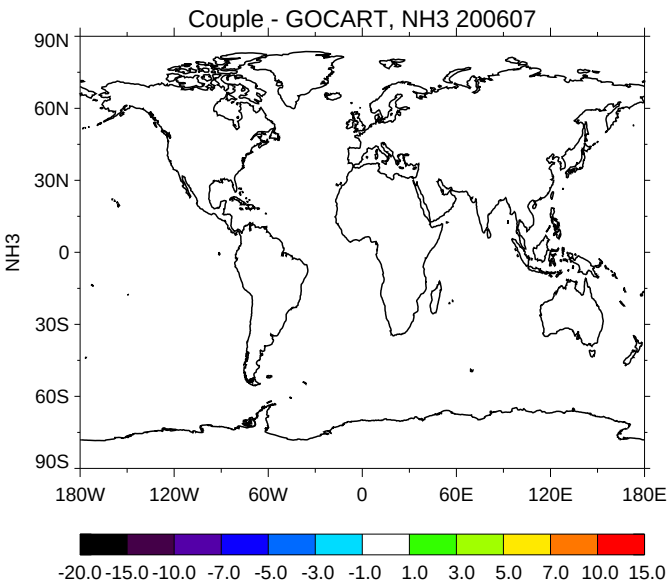

Couple - Combo, DUST 200607
90N
60N
30N
0
30S
60S
90S
180W
120W
60W
0
60E
120E
180E
-5.0 -3.0 -2.0 -1.0 -0.5 -0.2 -0.1 0.1 0.2 0.5 1.0 2.0 3.0

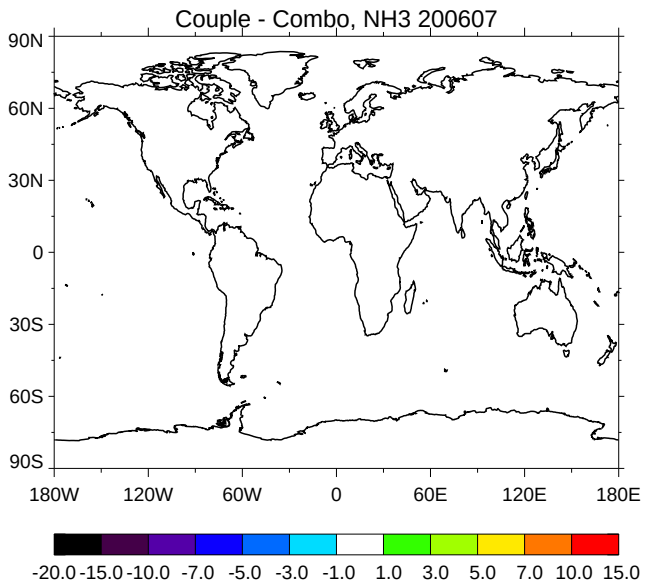

Couple+NH3 - Couple, DUST 200607
DUST
90N
60N
30N
0
30S
60S
90S
180W
120W
60W
0
60E
120E
180E
-5.0 -3.0 -2.0 -1.0 -0.5 -0.2 -0.1 0.1 0.2 0.5 1.0 2.0 3.0

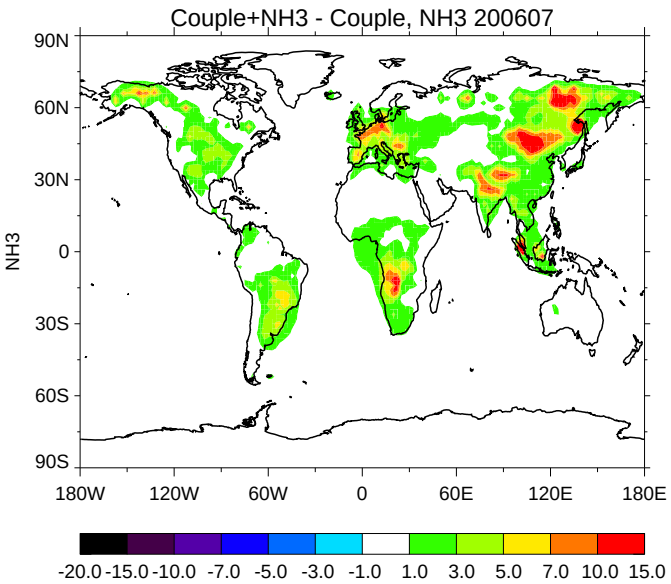

Couple - GOCART, SSL 200607
SSL
90N
60N
30N
0
30S
60S
90S
180W
120W
60W
0
60E
120E
180E
-5.0 -3.0 -2.0 -1.0 -0.5 -0.2 -0.1 0.1 0.2 0.5 1.0 2.0 3.0

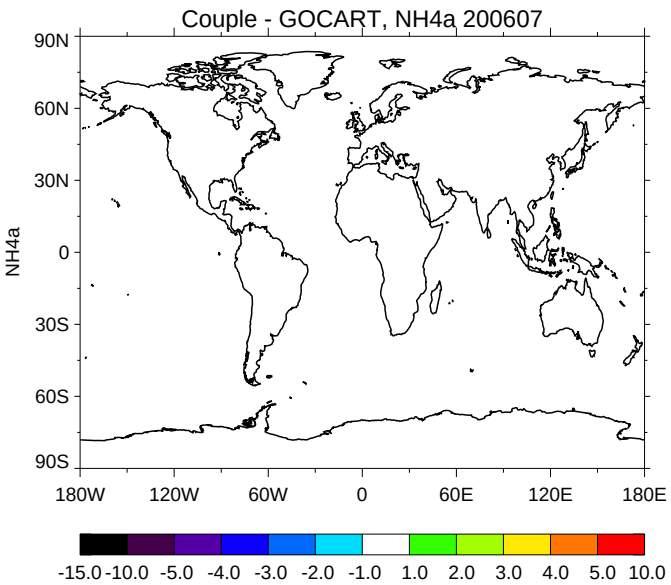

Couple - Combo, SSL 200607
90N
60N
30N
0
30S
60S
90S
180W
120W
60W
0
60E
120E
180E
-5.0 -3.0 -2.0 -1.0 -0.5 -0.2 -0.1 0.1 0.2 0.5 1.0 2.0 3.0

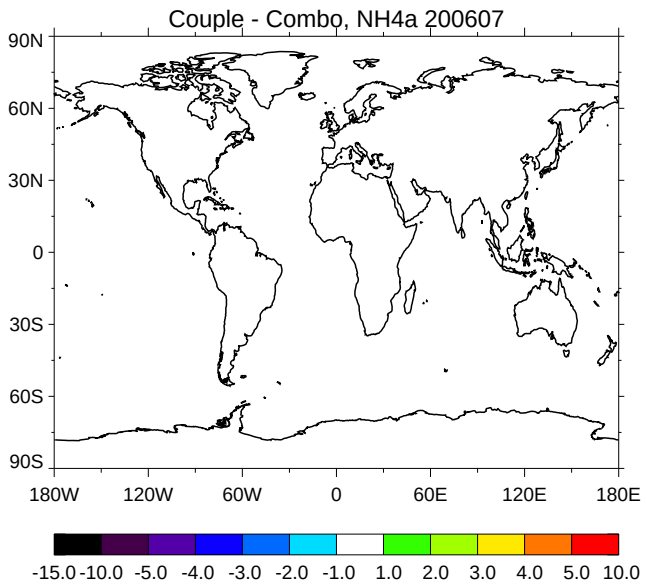

Couple+NH3 - Couple, SSL 200607
SSL
90N
60N
30N
0
30S
60S
90S
180W
120W
60W
0
60E
120E
180E
-5.0 -3.0 -2.0 -1.0 -0.5 -0.2 -0.1 0.1 0.2 0.5 1.0 2.0 3.0

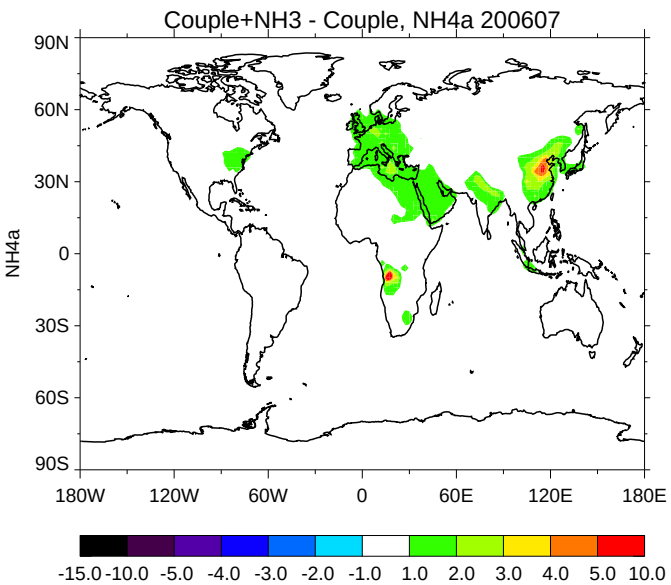

Couple - GOCART, NH3 200607
NH3
90N
60N
30N
0
30S
60S
90S
180W
120W
60W
0
60E
120E
180E
-20.0 -15.0 -10.0 -7.0 -5.0 -3.0 -1.0 1.0 3.0 5.0 7.0 10.0 15.0

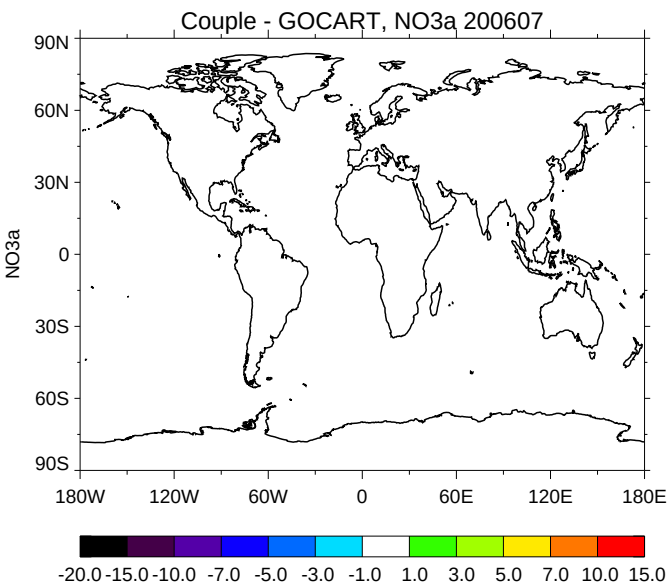

Couple - Combo, NH3 200607
90N
60N
30N
0
30S
60S
90S
180W
120W
60W
0
60E
120E
180E
-20.0 -15.0 -10.0 -7.0 -5.0 -3.0 -1.0 1.0 3.0 5.0 7.0 10.0 15.0

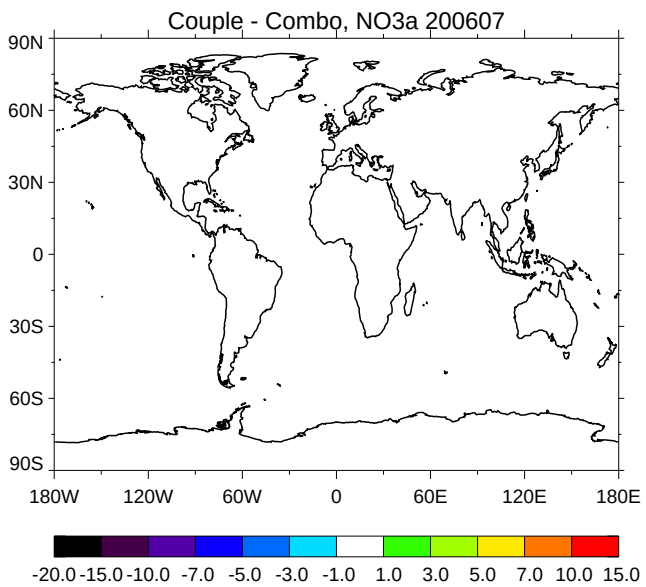

Couple+NH3 - Couple, NH3 200607
NH3
90N
60N
30N
0
30S
60S
90S
180W
120W
60W
0
60E
120E
180E
-20.0 -15.0 -10.0 -7.0 -5.0 -3.0 -1.0 1.0 3.0 5.0 7.0 10.0 15.0

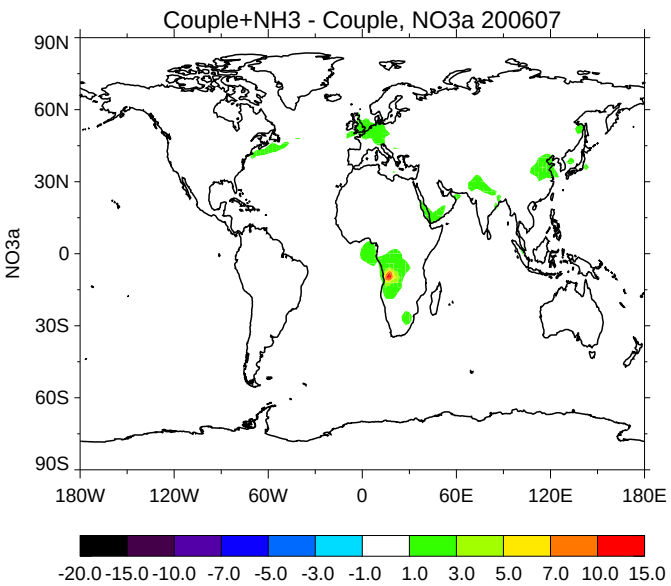

Couple - GOCART, NH4a 200607
NH4a
90N
60N
30N
0
30S
60S
90S
180W
120W
60W
0
60E
120E
180E
-15.0 -10.0 -5.0 -4.0 -3.0 -2.0 -1.0 1.0 2.0 3.0 4.0 5.0 10.0

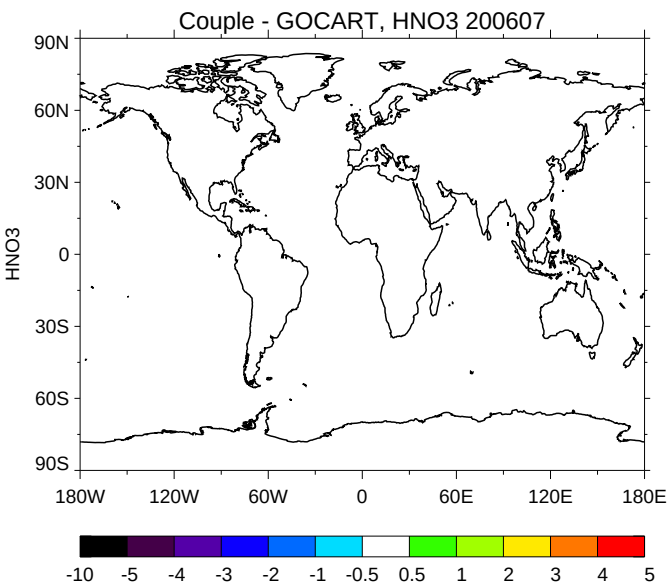

Couple - Combo, NH4a 200607
90N
60N
30N
0
30S
60S
90S
180W
120W
60W
0
60E
120E
180E
-15.0 -10.0 -5.0 -4.0 -3.0 -2.0 -1.0 1.0 2.0 3.0 4.0 5.0 10.0

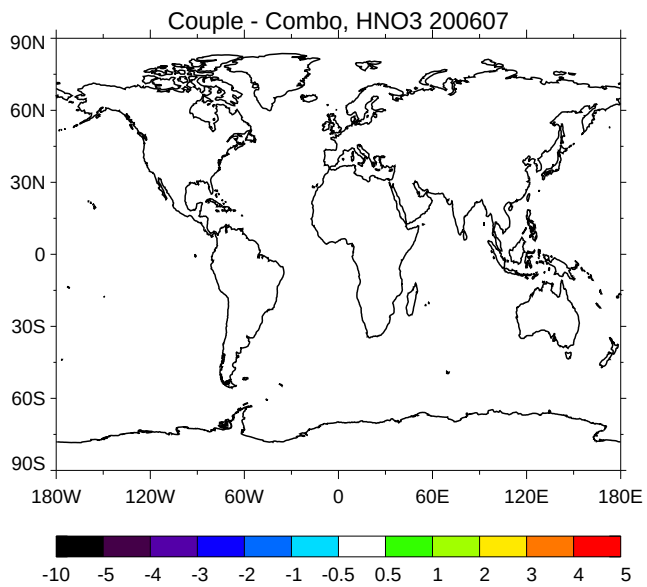

Couple+NH3 - Couple, NH4a 200607
NH4a
90N
60N
30N
0
30S
60S
90S
180W
120W
60W
0
60E
120E
180E
-15.0 -10.0 -5.0 -4.0 -3.0 -2.0 -1.0 1.0 2.0 3.0 4.0 5.0 10.0

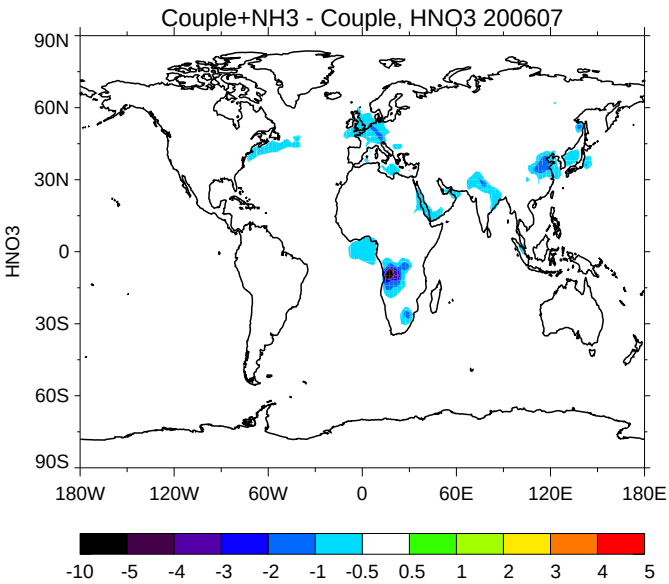

Couple - GOCART, NO3a 200607
NO3a
90N
60N
30N
0
30S
60S
90S
180W
120W
60W
0
60E
120E
180E
-20.0 -15.0 -10.0 -7.0 -5.0 -3.0 -1.0 1.0 3.0 5.0 7.0 10.0 15.0

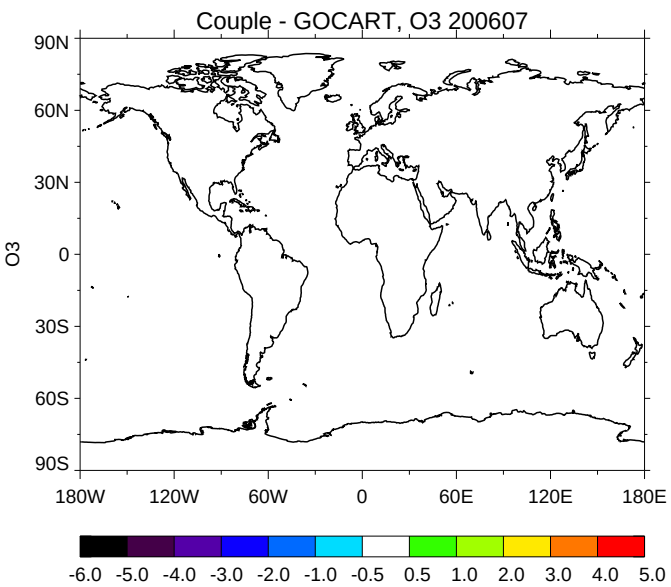

Couple - Combo, NO3a 200607
90N
60N
30N
0
30S
60S
90S
180W
120W
60W
0
60E
120E
180E
-20.0 -15.0 -10.0 -7.0 -5.0 -3.0 -1.0 1.0 3.0 5.0 7.0 10.0 15.0

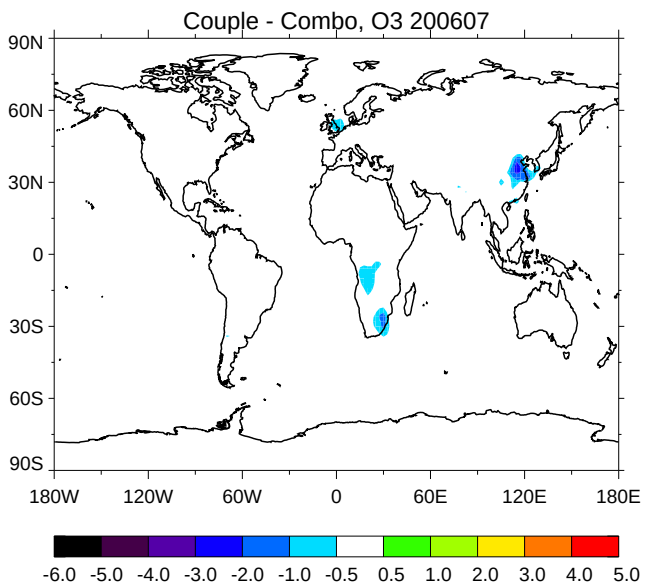

Couple+NH3 - Couple, NO3a 200607
NO3a
90N
60N
30N
0
30S
60S
90S
180W
120W
60W
0
60E
120E
180E
-20.0 -15.0 -10.0 -7.0 -5.0 -3.0 -1.0 1.0 3.0 5.0 7.0 10.0 15.0

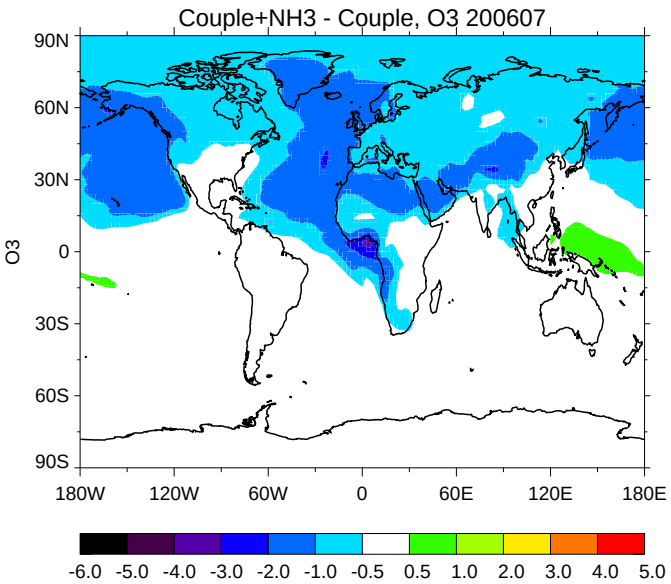

Couple - GOCART, HNO3 200607
HNO3
90N
60N
30N
0
30S
60S
90S
180W
120W
60W
0
60E
120E
180E
-10
-5
-4
-3
-2
-1
-0.5
0.5
1
2
3
4
5

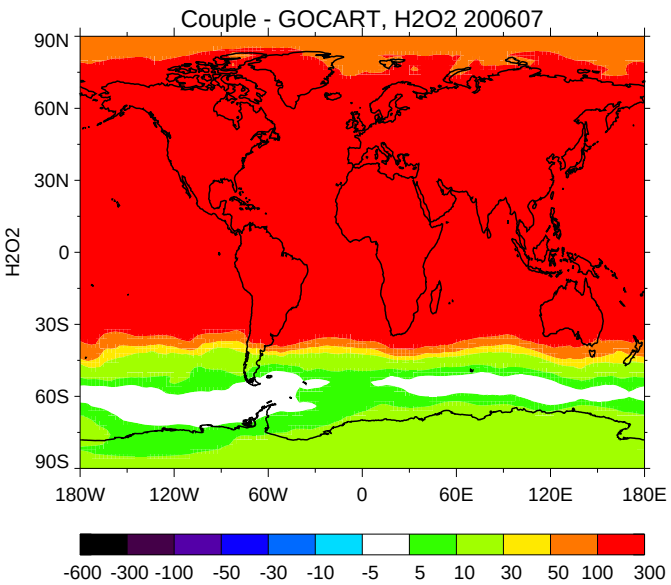

Couple - Combo, HNO3 200607
90N
60N
30N
0
30S
60S
90S
180W
120W
60W
0
60E
120E
180E
-10
-5
-4
-3
-2
-1
-0.5
0.5
1
2
3
4
5

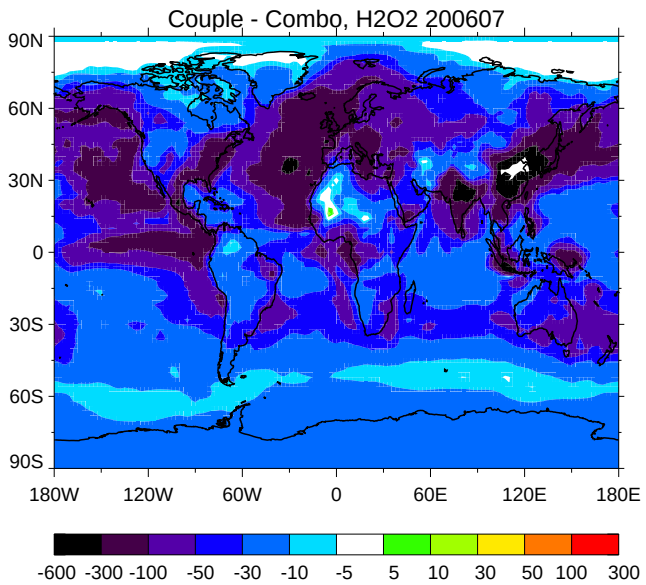

Couple+NH3 - Couple, HNO3 200607
HNO3
90N
60N
30N
0
30S
60S
90S
180W
120W
60W
0
60E
120E
180E
-10
-5
-4
-3
-2
-1
-0.5
0.5
1
2
3
4
5

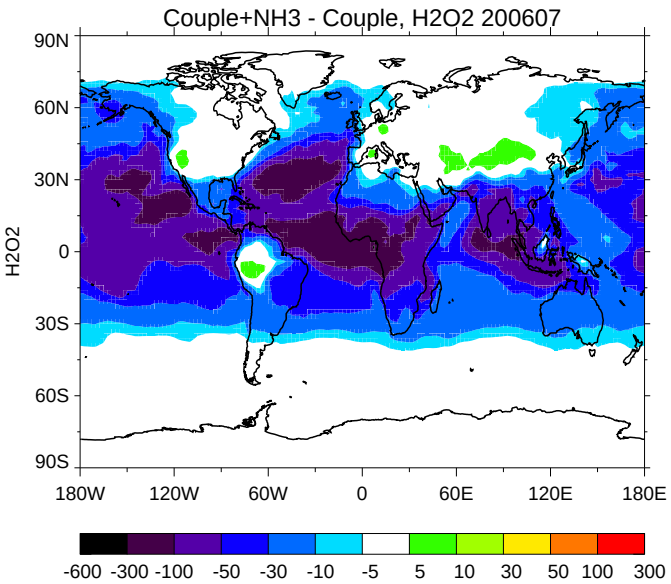

Couple - GOCART, O3 200607
O3
90N
60N
30N
0
30S
60S
90S
180W
120W
60W
0
60E
120E
180E
-6.0 -5.0 -4.0 -3.0 -2.0 -1.0 -0.5 0.5 1.0 2.0 3.0 4.0 5.0

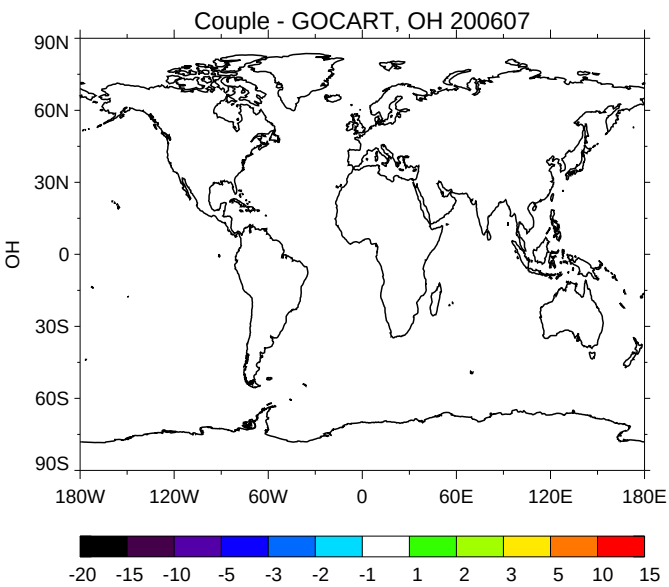

Couple - Combo, O3 200607
90N
60N
30N
0
30S
60S
90S
180W
120W
60W
0
60E
120E
180E
-6.0 -5.0 -4.0 -3.0 -2.0 -1.0 -0.5 0.5 1.0 2.0 3.0 4.0 5.0

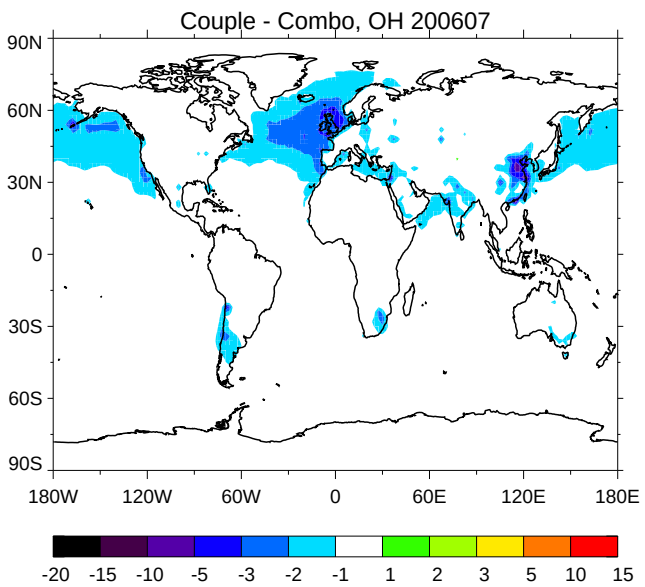

Couple+NH3 - Couple, O3 200607
O3
90N
60N
30N
0
30S
60S
90S
180W
120W
60W
0
60E
120E
180E
-6.0 -5.0 -4.0 -3.0 -2.0 -1.0 -0.5 0.5 1.0 2.0 3.0 4.0 5.0

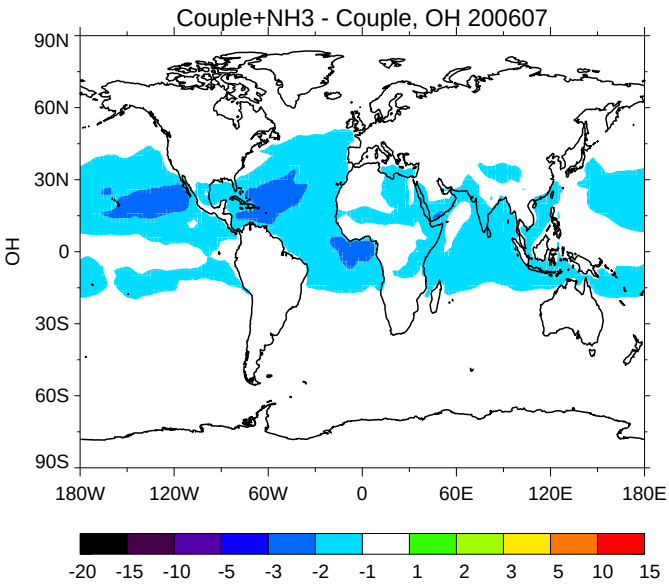

Couple - GOCART, H2O2 200607
H2O2
90N
60N
30N
0
30S
60S
90S
180W
120W
60W
0
60E
120E
180E
-600 -300 -100 -50 -30 -10 -5 5 10 30 50 100 300

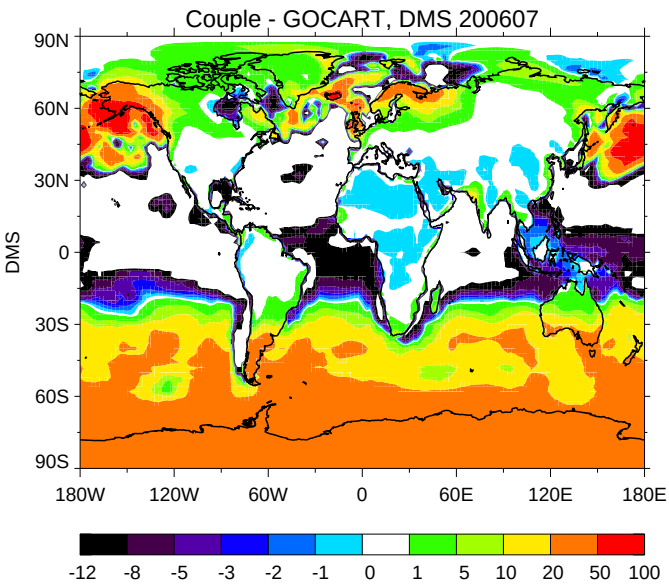

Couple - Combo, H2O2 200607
90N
60N
30N
0
30S
60S
90S
180W
120W
60W
0
60E
120E
180E
-600 -300 -100 -50 -30 -10 -5 5 10 30 50 100 300

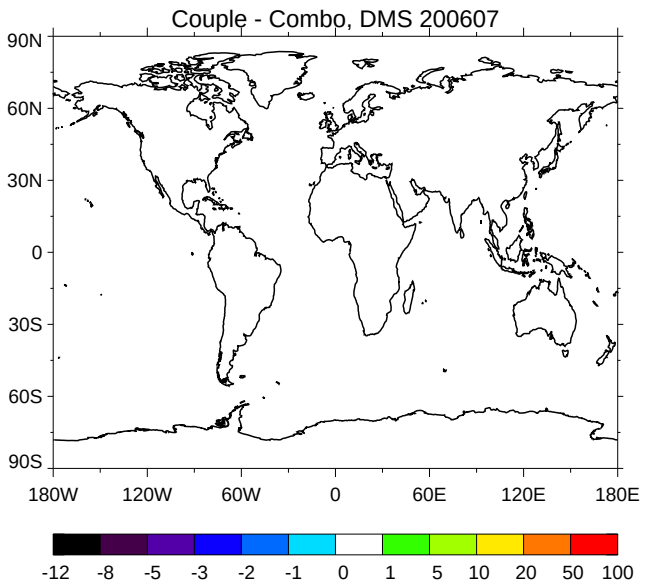

Couple+NH3 - Couple, H2O2 200607
H2O2
90N
60N
30N
0
30S
60S
90S
180W
120W
60W
0
60E
120E
180E
-600 -300 -100 -50 -30 -10 -5 5 10 30 50 100 300

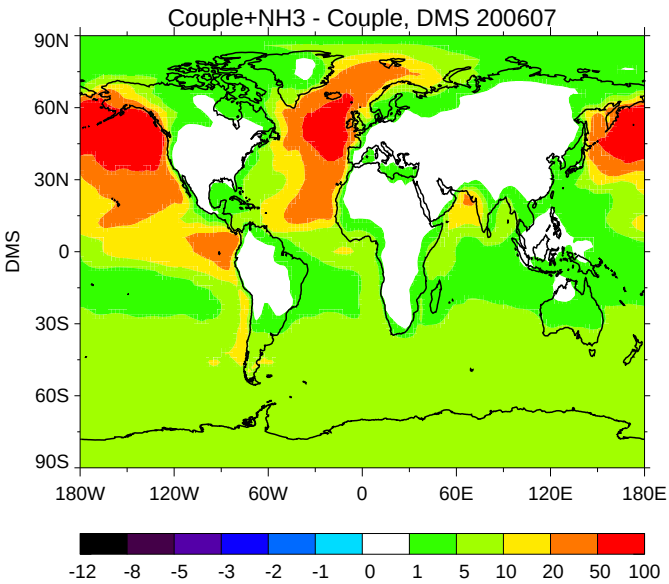

Couple - GOCART, OH 200607
OH
90N
60N
30N
0
30S
60S
90S
180W
120W
60W
0
60E
120E
180E
-20 -15 -10 -5 -3 -2 -1 1 2 3 5 10 15

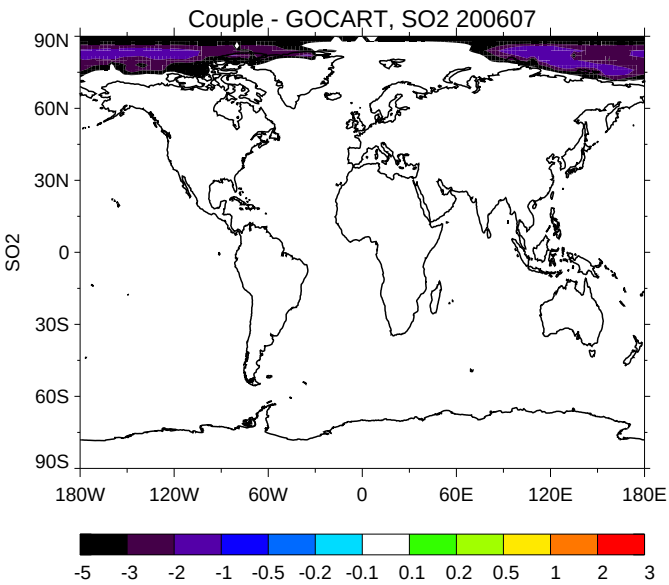

Couple - Combo, OH 200607
90N
60N
30N
0
30S
60S
90S
180W
120W
60W
0
60E
120E
180E
-20 -15 -10 -5 -3 -2 -1 1 2 3 5 10 15

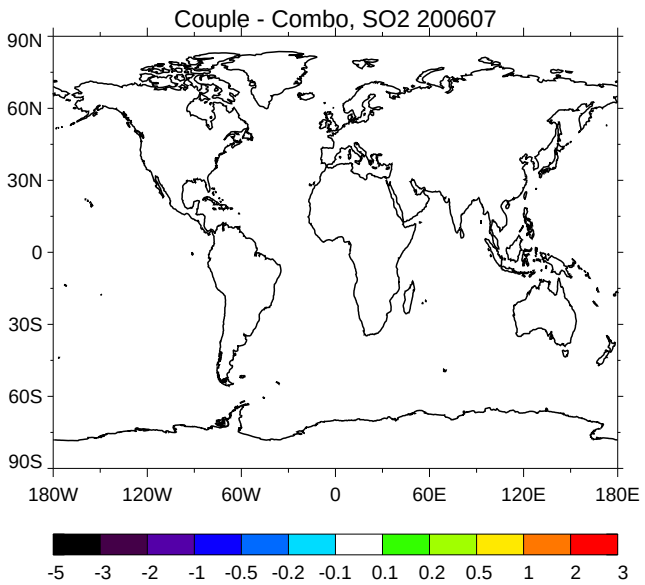

Couple+NH3 - Couple, OH 200607
OH
90N
60N
30N
0
30S
60S
90S
180W
120W
60W
0
60E
120E
180E
-20 -15 -10 -5 -3 -2 -1 1 2 3 5 10 15

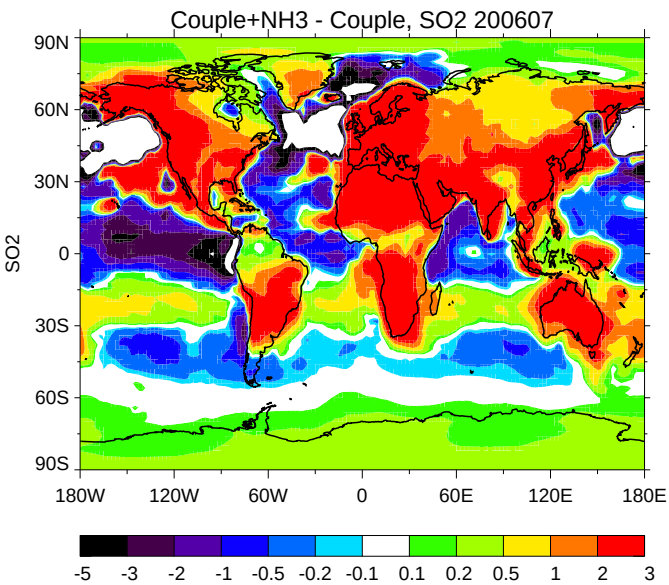

Couple - GOCART, DMS 200607
DMS
90N
60N
30N
0
30S
60S
90S
180W
120W
60W
0
60E
120E
180E
-12
-8
-5
-3
-2
-1
0
1
5
10
20
50
100

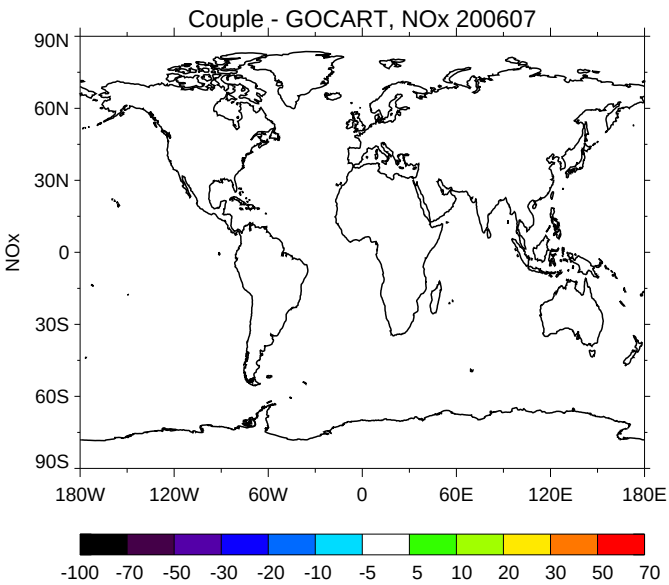

Couple - Combo, DMS 200607
90N
60N
30N
0
30S
60S
90S
180W
120W
60W
0
60E
120E
180E
-12
-8
-5
-3
-2
-1
0
1
5
10
20
50
100

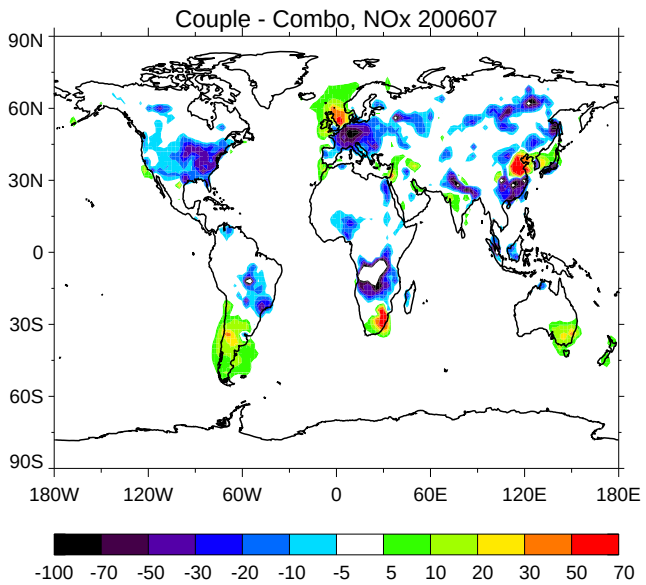

Couple+NH3 - Couple, DMS 200607
DMS
90N
60N
30N
0
30S
60S
90S
180W
120W
60W
0
60E
120E
180E
-12
-8
-5
-3
-2
-1
0
1
5
10
20
50
100

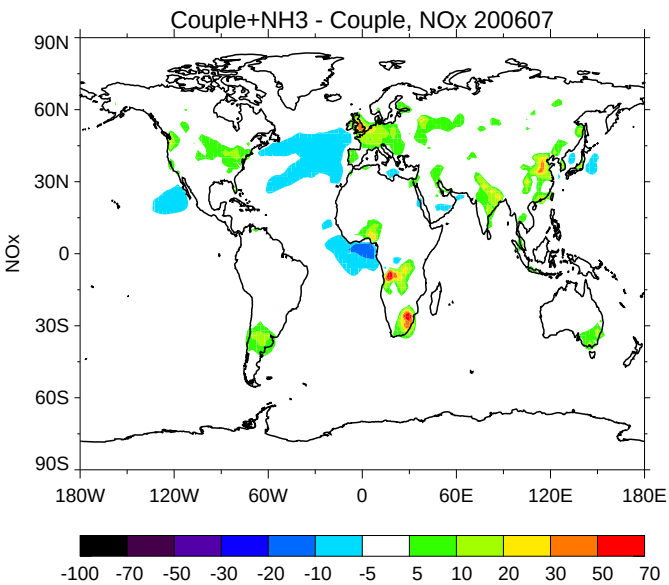

Couple - GOCART, SO2 200607
SO2
90N
60N
30N
0
30S
60S
90S
180W
120W
60W
0
60E
120E
180E
-5
-3
-2
-1
-0.5
-0.2
-0.1
0.1
0.2
0.5
1
2
3


Couple - Combo, SO2 200607
90N
60N
30N
0
30S
60S
90S
180W
120W
60W
0
60E
120E
180E
-5
-3
-2
-1
-0.5
-0.2
-0.1
0.1
0.2
0.5
1
2
3


Couple+NH3 - Couple, SO2 200607
SO2
90N
60N
30N
0
30S
60S
90S
180W
120W
60W
0
60E
120E
180E
-5
-3
-2
-1
-0.5
-0.2
-0.1
0.1
0.2
0.5
1
2
3


Couple - GOCART, NOx 200607
NOx
90N
60N
30N
0
30S
60S
90S
180W
120W
60W
0
60E
120E
180E
-100 -70 -50 -30 -20 -10 -5 5 10 20 30 50 70


Couple - Combo, NOx 200607
90N
60N
30N
0
30S
60S
90S
180W
120W
60W
0
60E
120E
180E
-100 -70 -50 -30 -20 -10 -5 5 10 20 30 50 70


Couple+NH3 - Couple, NOx 200607
NOx
90N
60N
30N
0
30S
60S
90S
180W
120W
60W
0
60E
120E
180E
-100 -70 -50 -30 -20 -10 -5 5 10 20 30 50 70