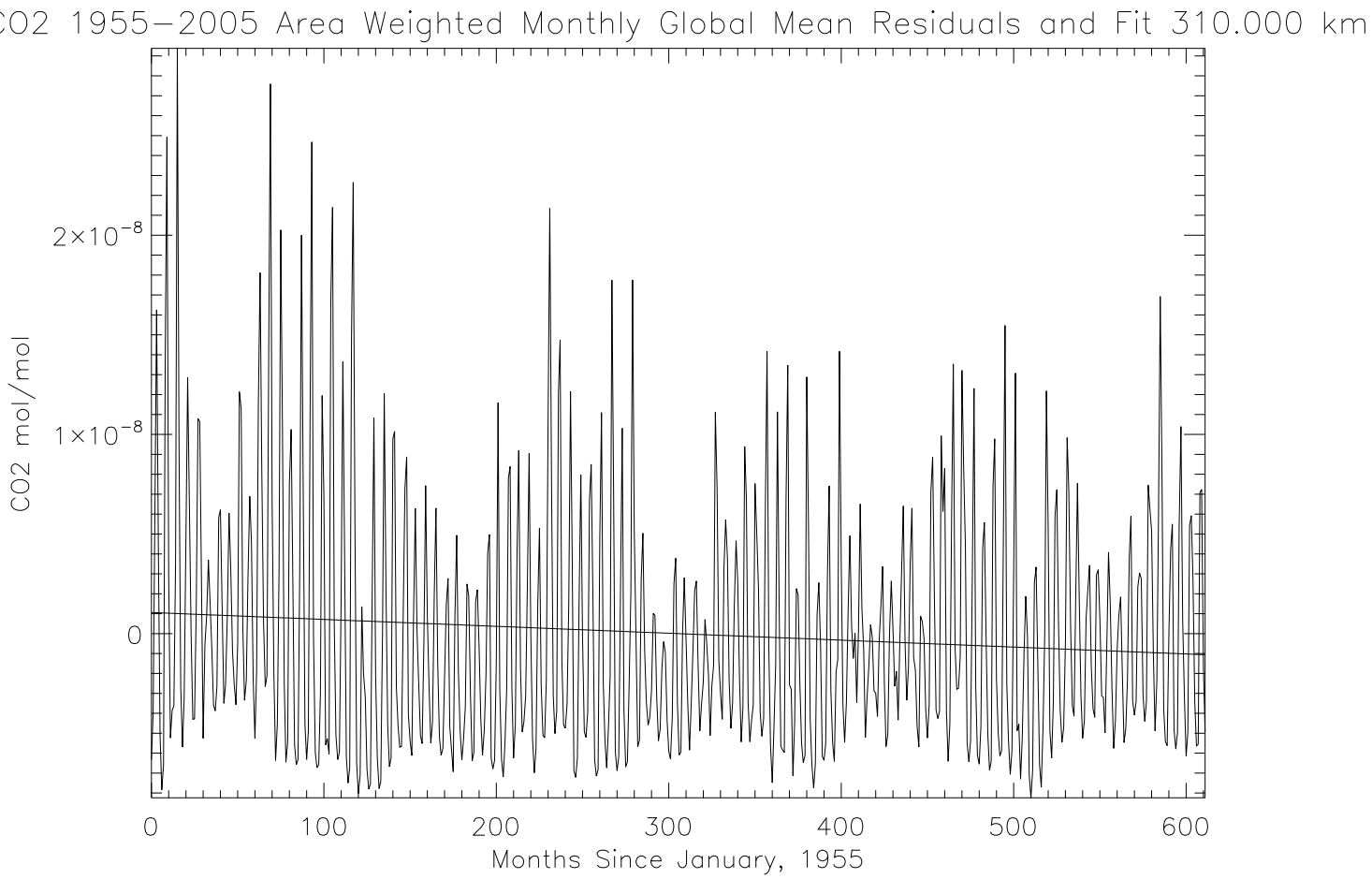
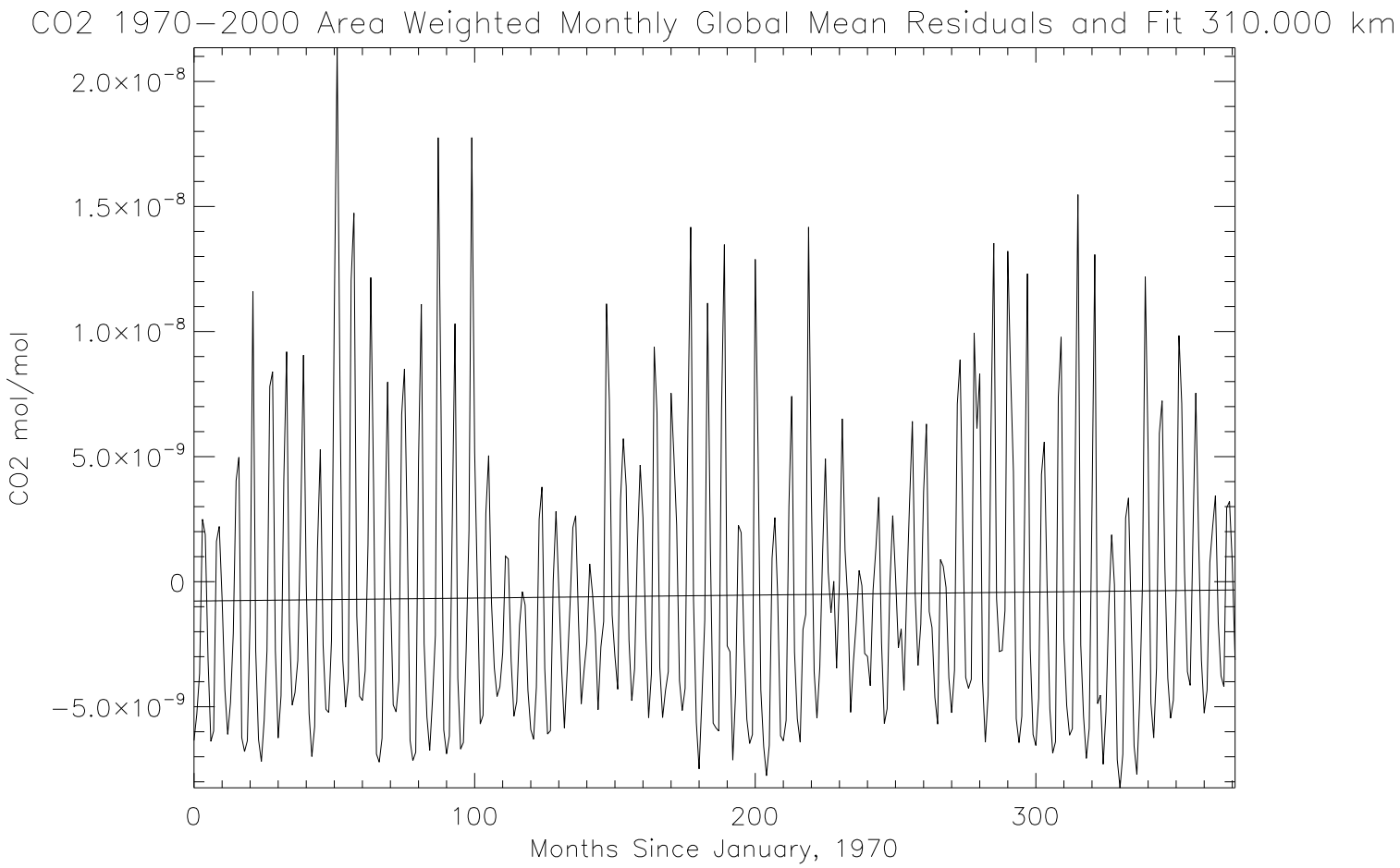
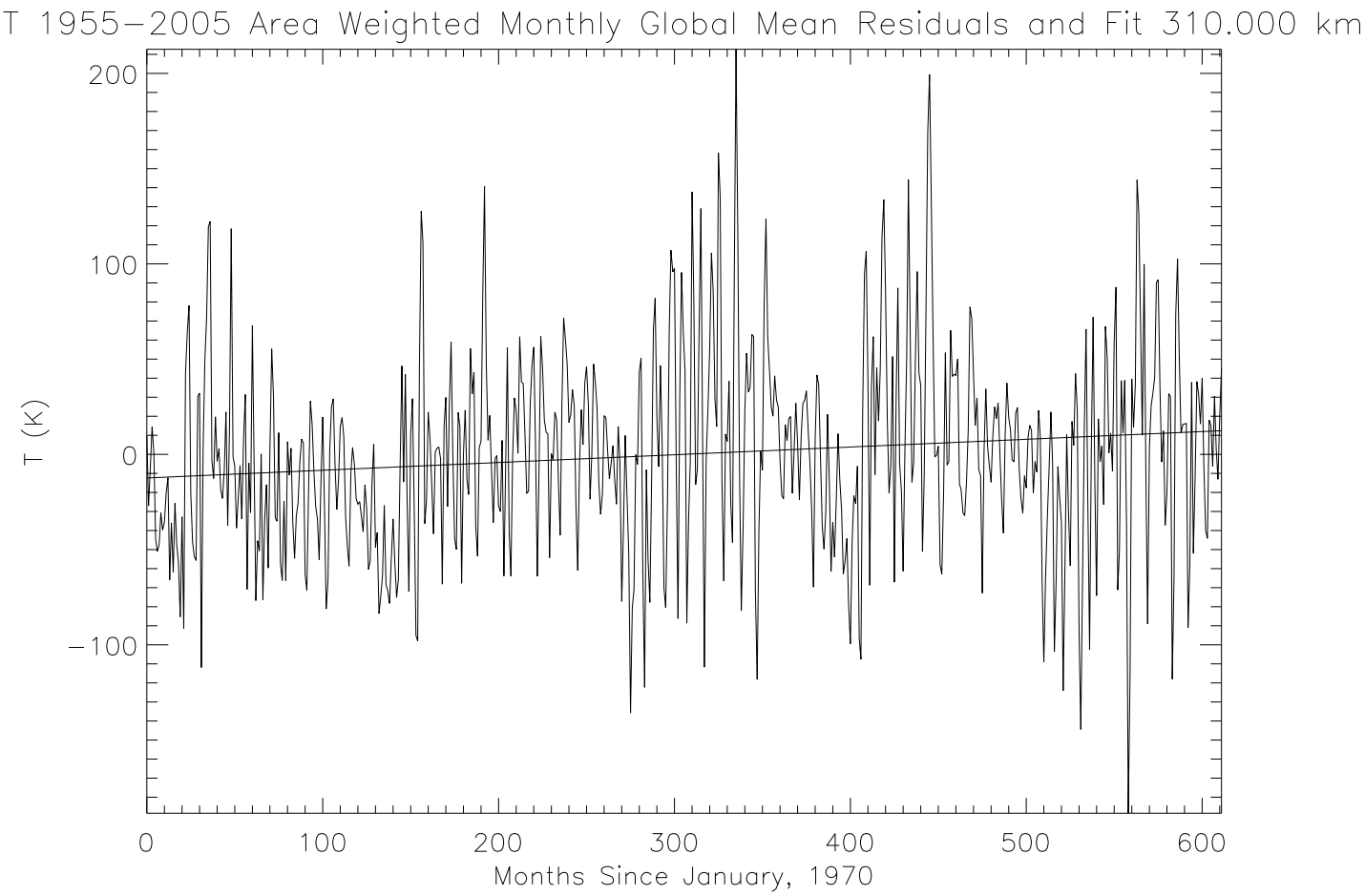
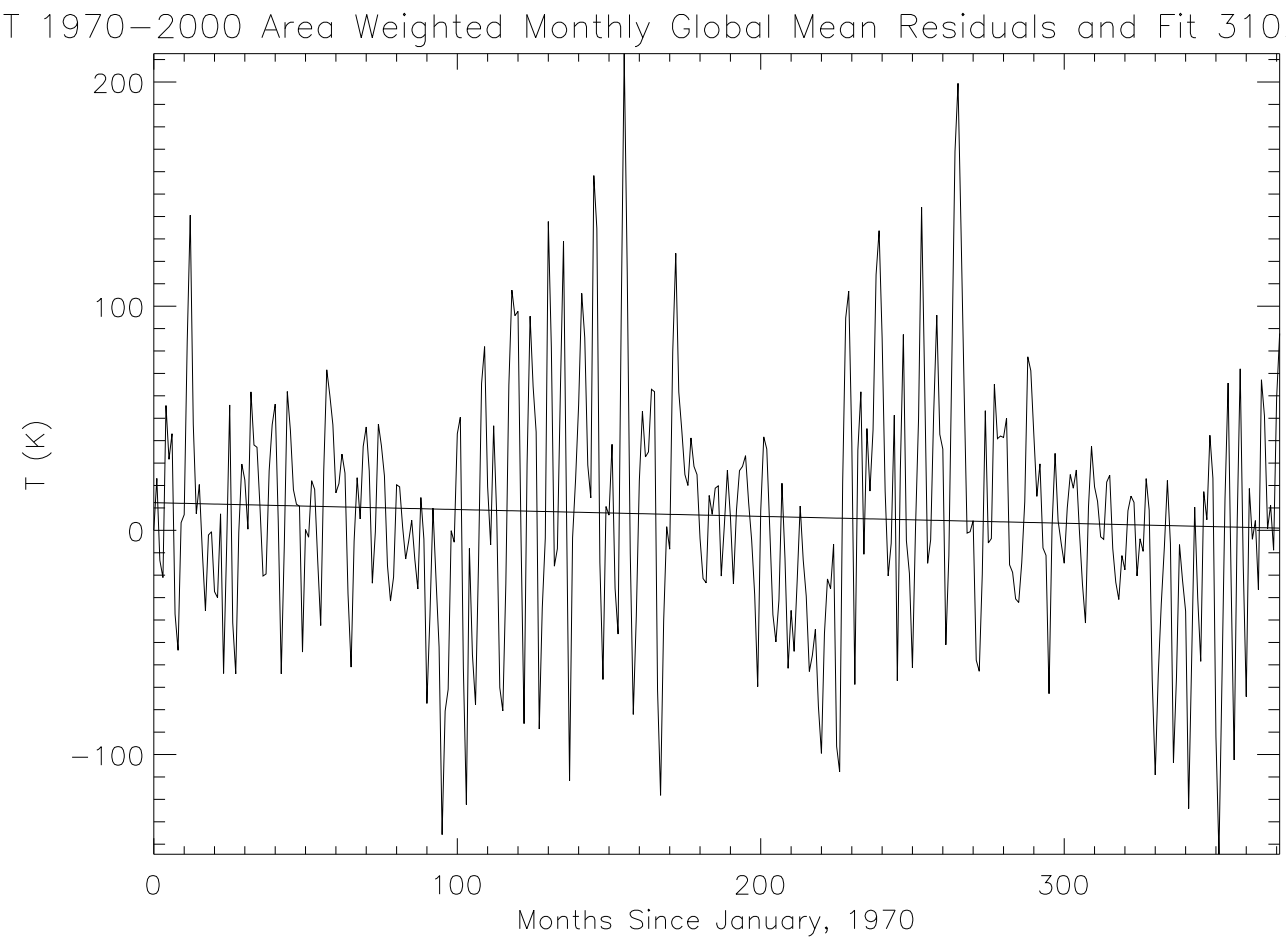
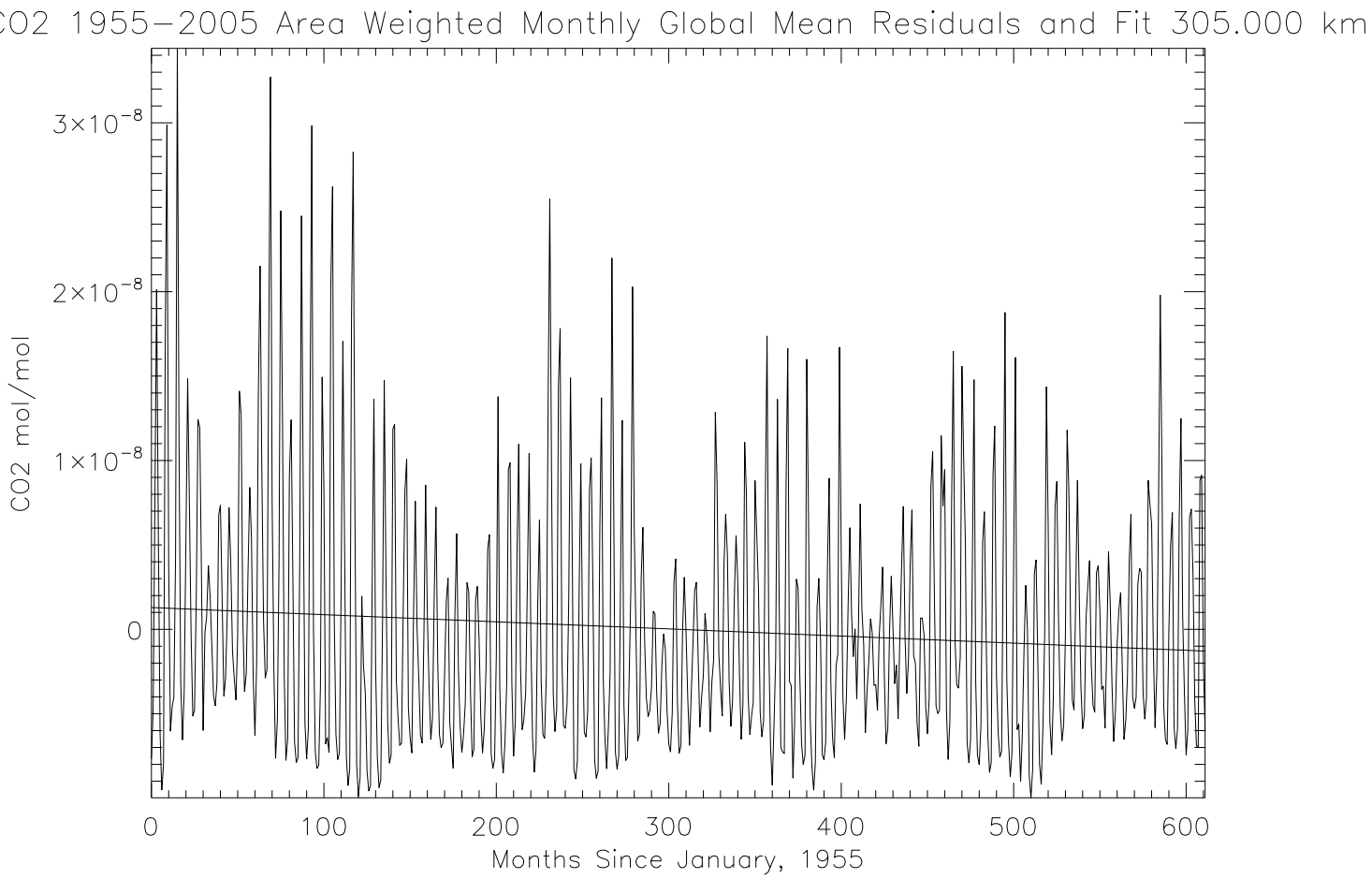
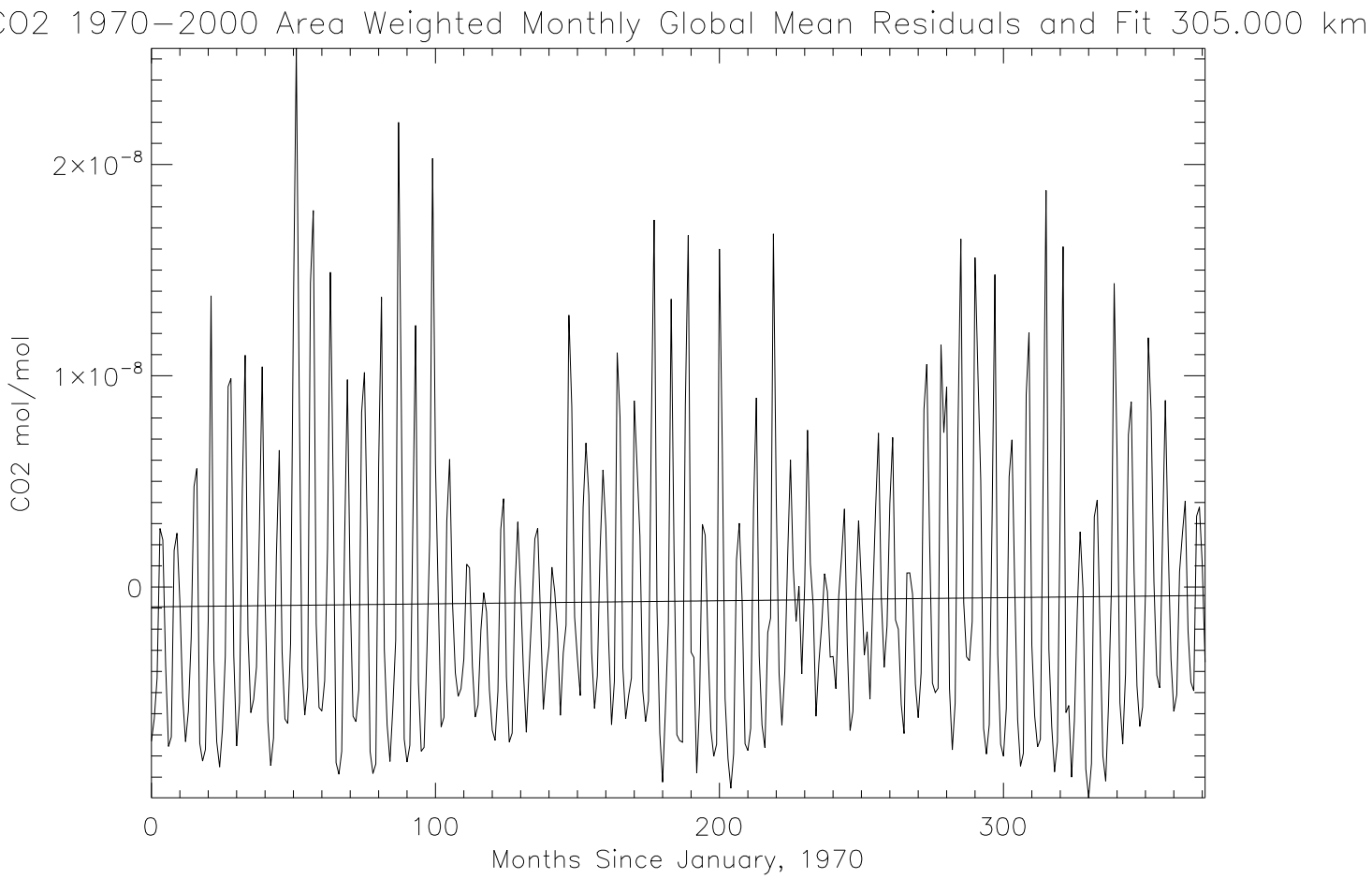

CO2 1955–2005 Area Weighted Monthly Global Mean Residuals and Fit 310.000 km
2×10⁻⁸
1×10⁻⁸
0
CO2 mol/mol
0
100
200
300
400
500
600
Months Since January, 1955

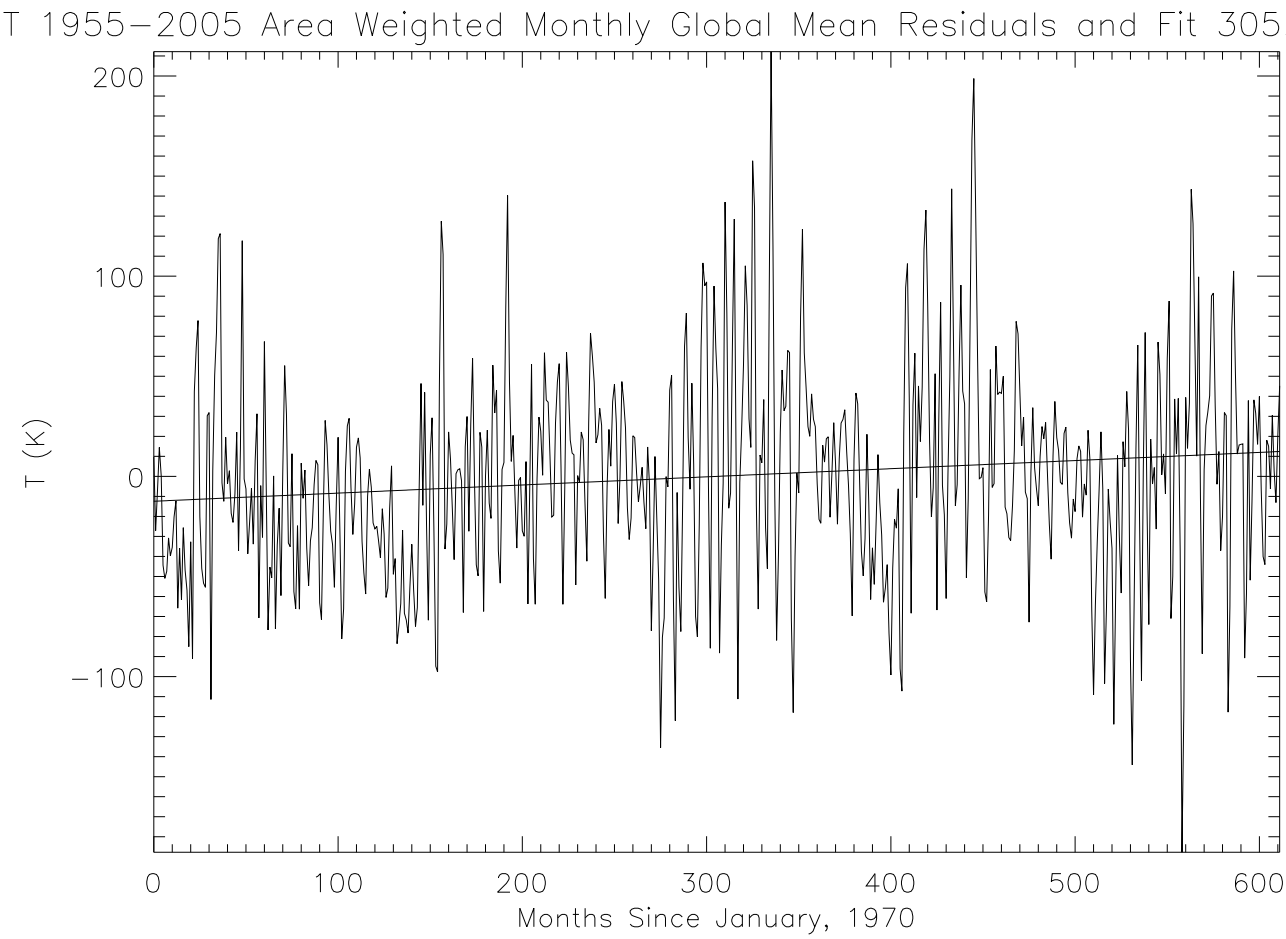

CO2 1970–2000 Area Weighted Monthly Global Mean Residuals and Fit 310.000 km
2.0×10⁻⁸
1.5×10⁻⁸
1.0×10⁻⁸
5.0×10⁻⁹
0
−5.0×10⁻⁹
CO2 mol/mol
0
100
200
300
Months Since January, 1970

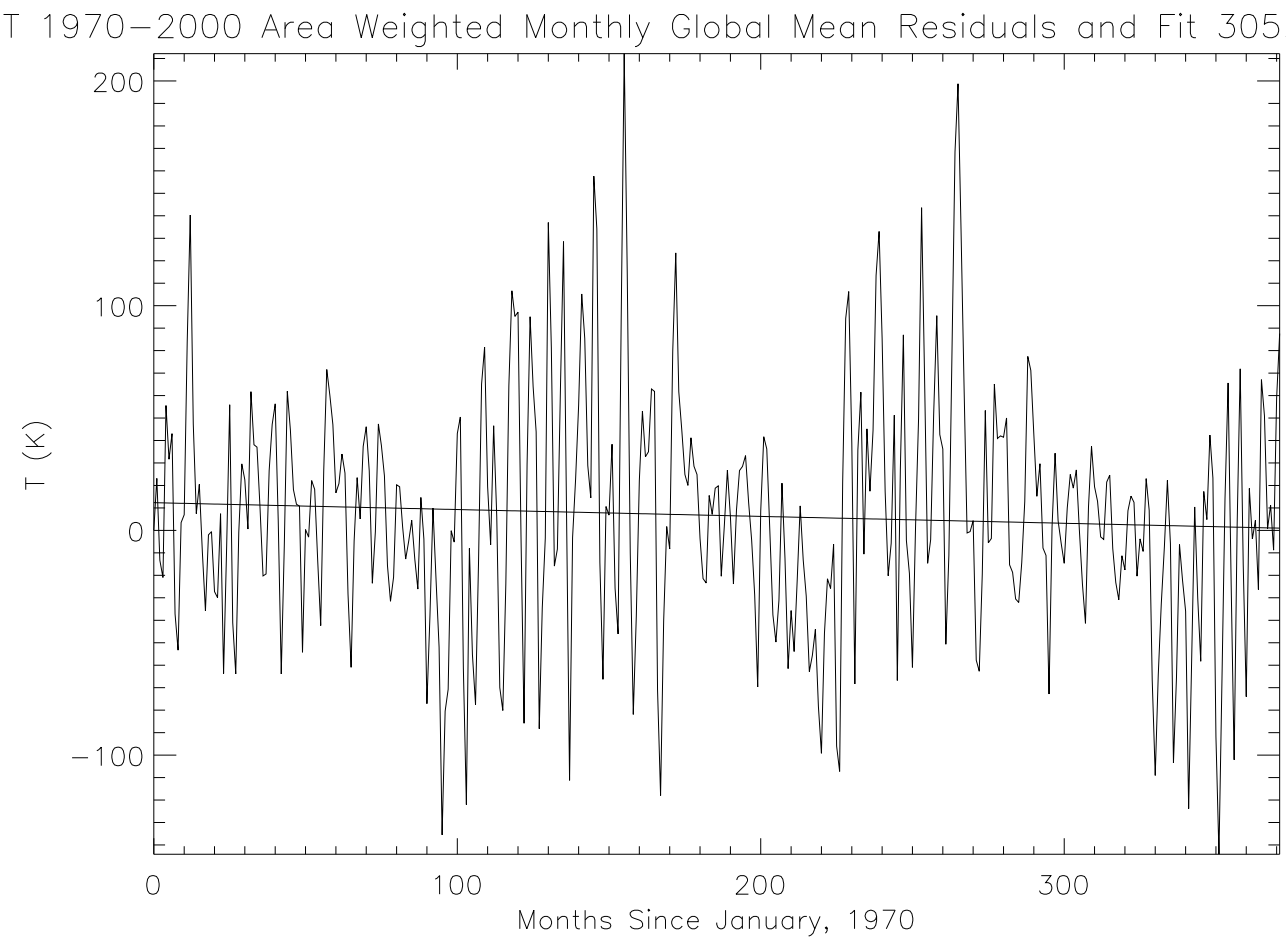

T 1955−2005 Area Weighted Monthly Global Mean Residuals and Fit 310.000 km
200
100
0
−100
T (K)
0
100
200
300
400
500
600
Months Since January, 1970

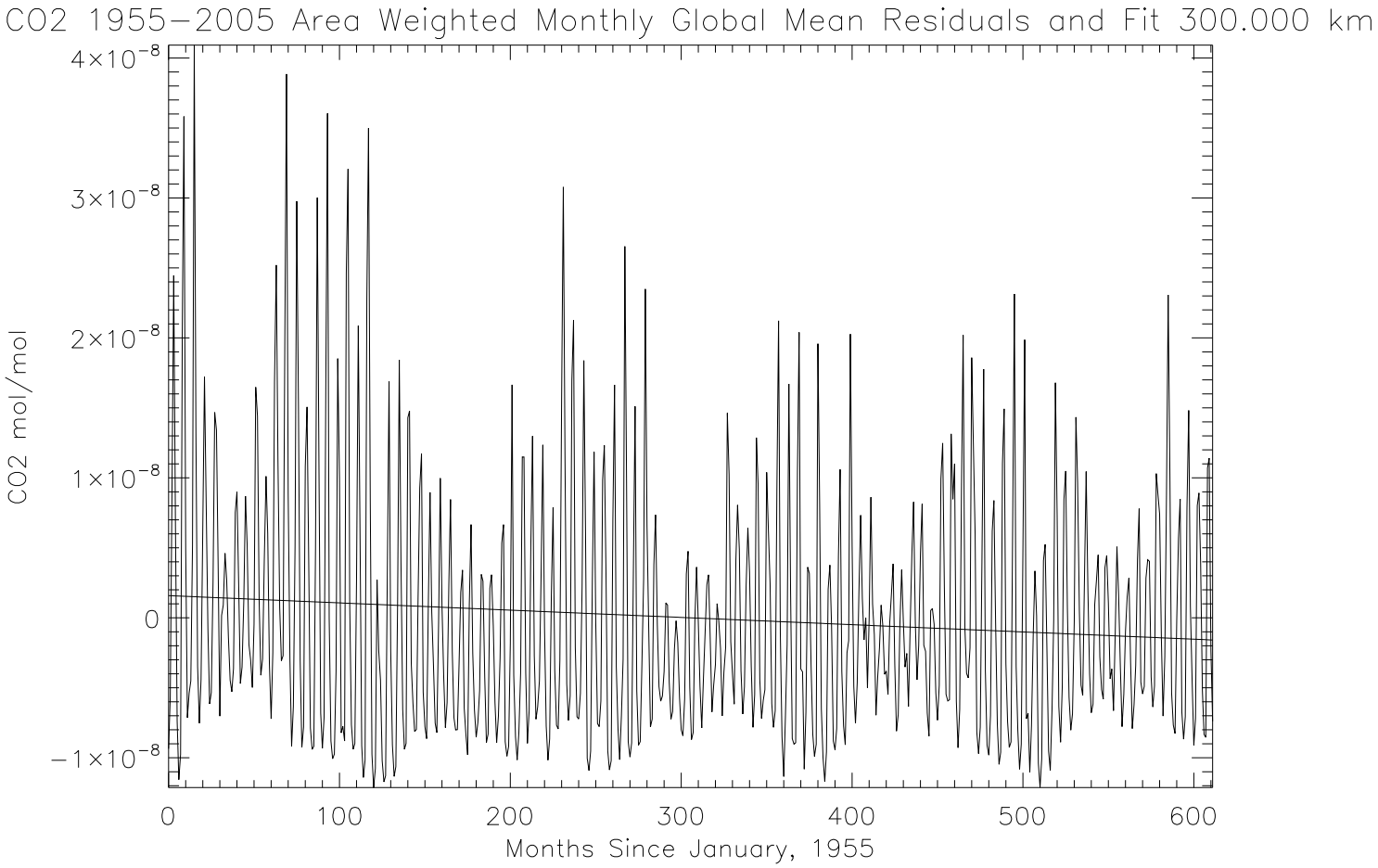

T 1970−2000 Area Weighted Monthly Global Mean Residuals and Fit 310.000 km
200
100
0
−100
T (K)
0
100
200
300
Months Since January, 1970

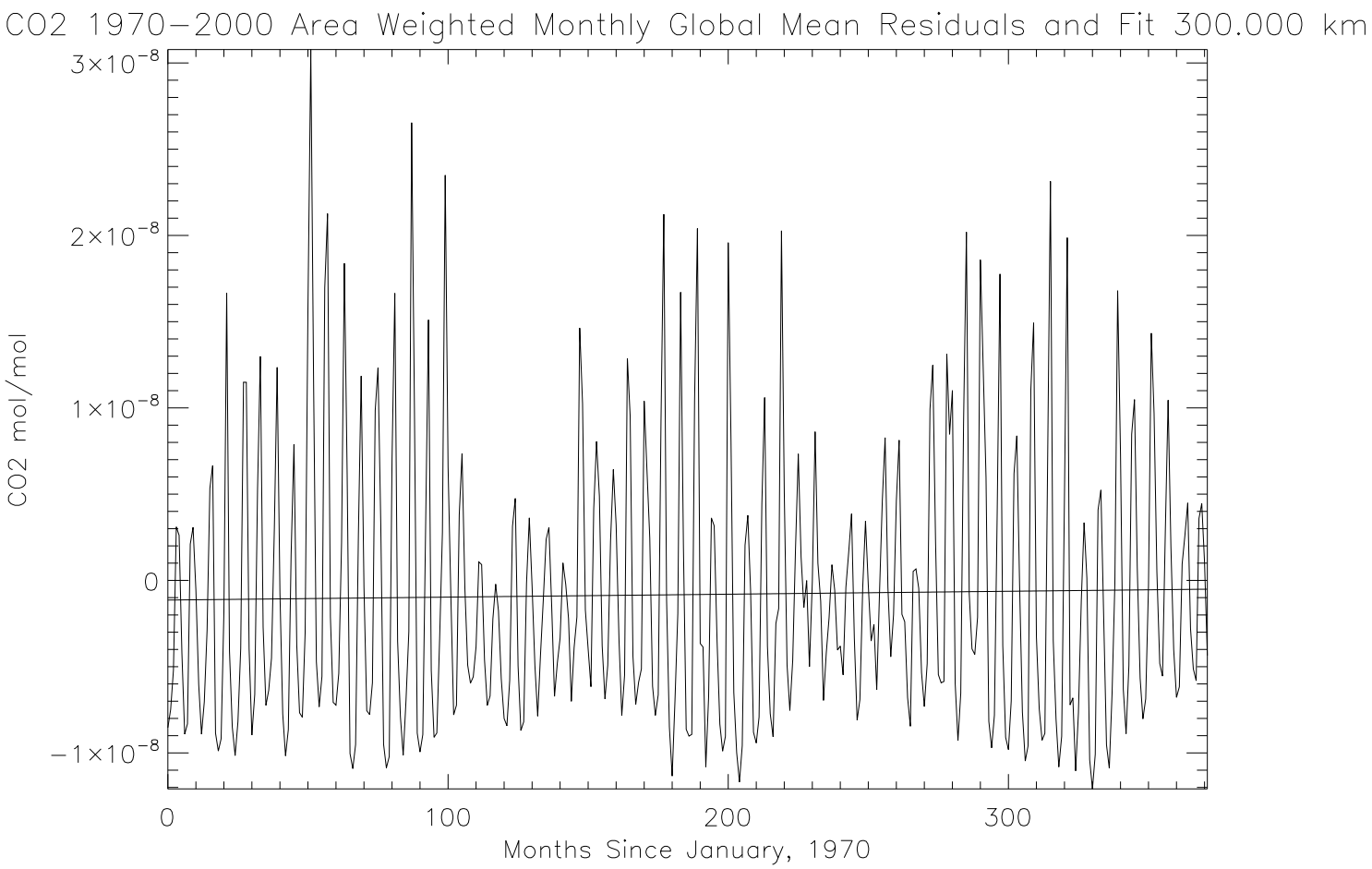

CO2 1955–2005 Area Weighted Monthly Global Mean Residuals and Fit 305.000 km
3×10⁻⁸
2×10⁻⁸
1×10⁻⁸
0
CO2 mol/mol
0
100
200
300
400
500
600
Months Since January, 1955

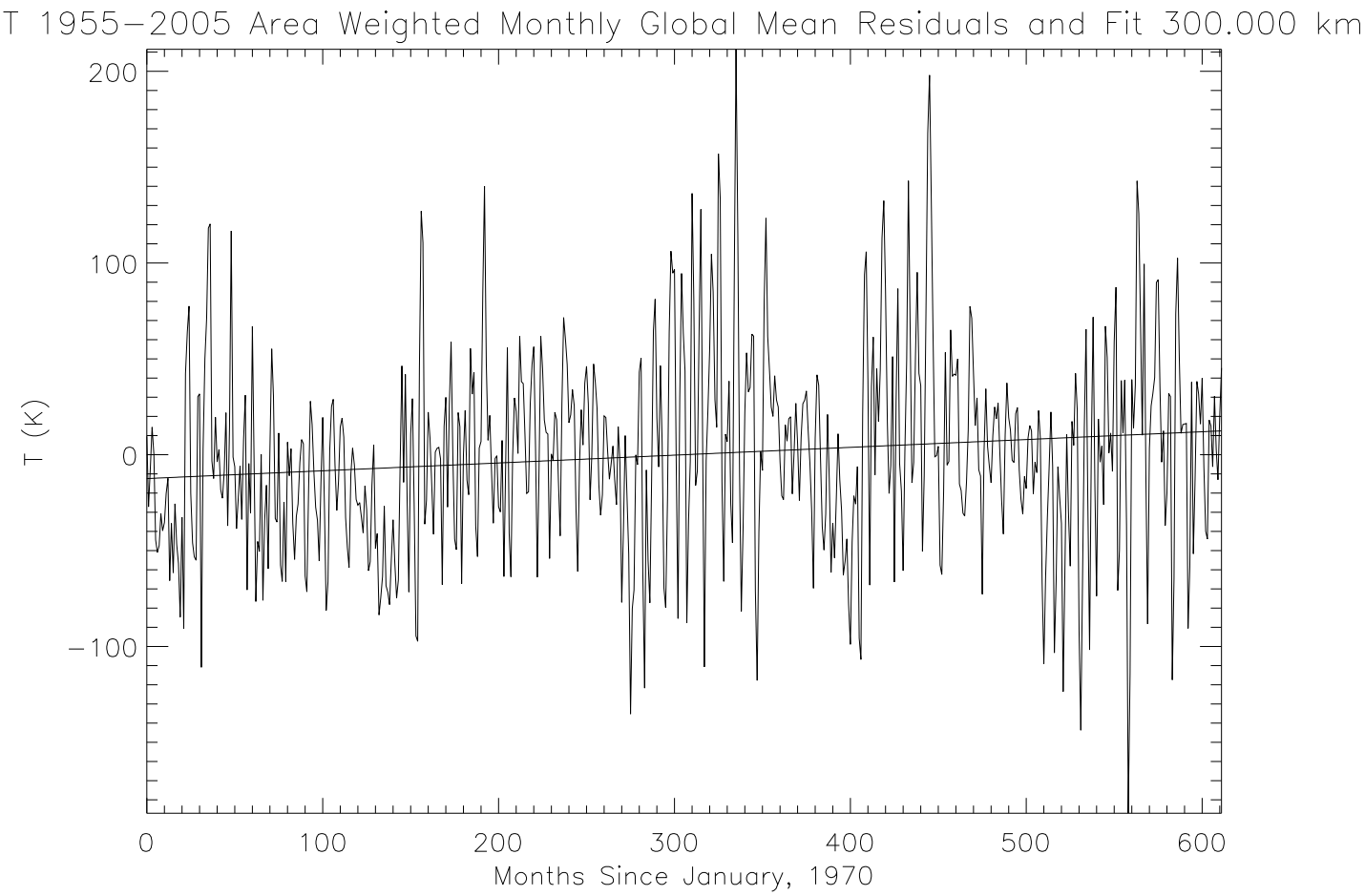

CO2 1970–2000 Area Weighted Monthly Global Mean Residuals and Fit 305.000 km
2×10⁻⁸
1×10⁻⁸
0
CO2 mol/mol
0
100
200
300
Months Since January, 1970

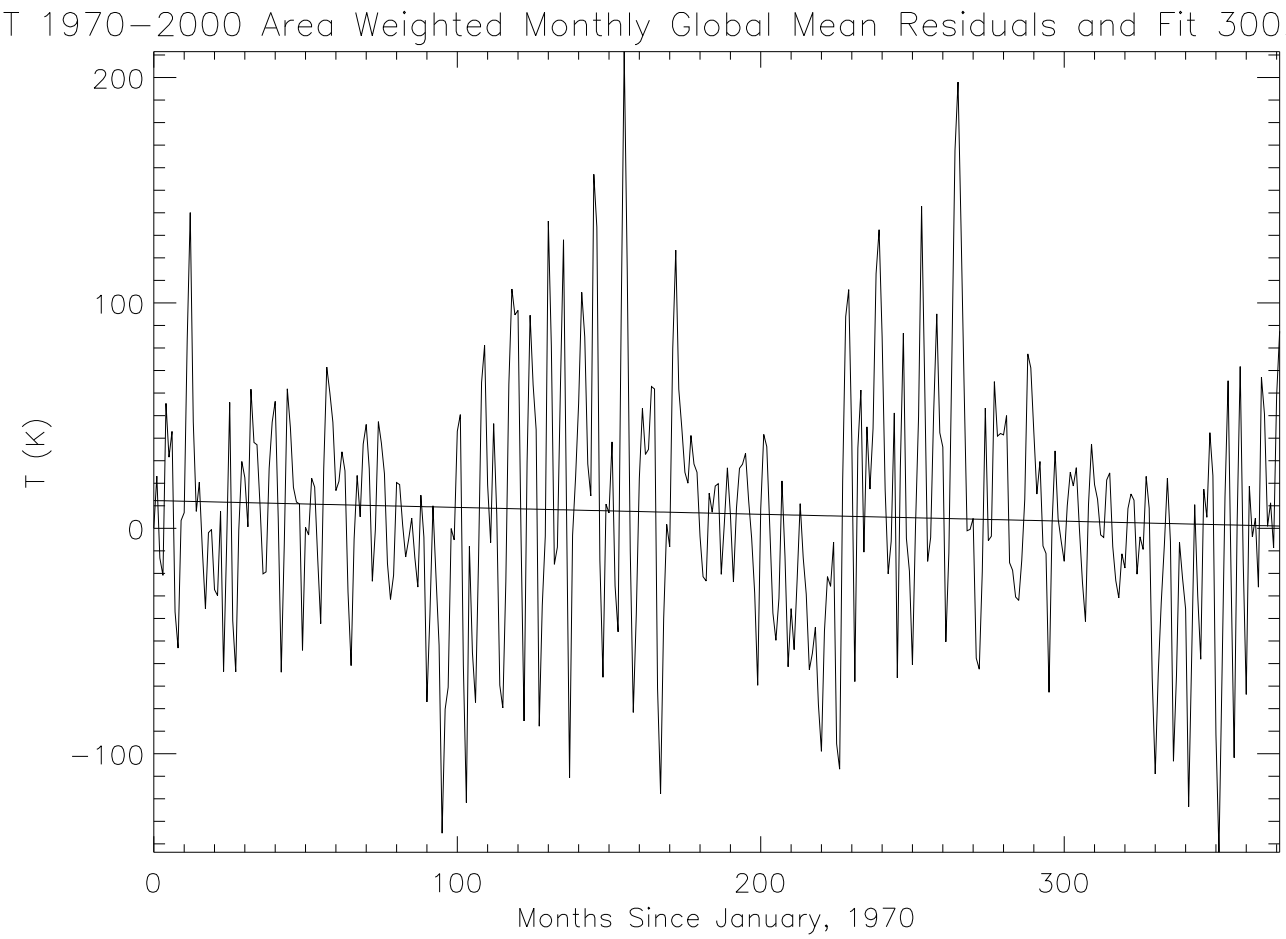

T 1955−2005 Area Weighted Monthly Global Mean Residuals and Fit 305.000 km
200
100
0
−100
T (K)
0
100
200
300
400
500
600
Months Since January, 1970

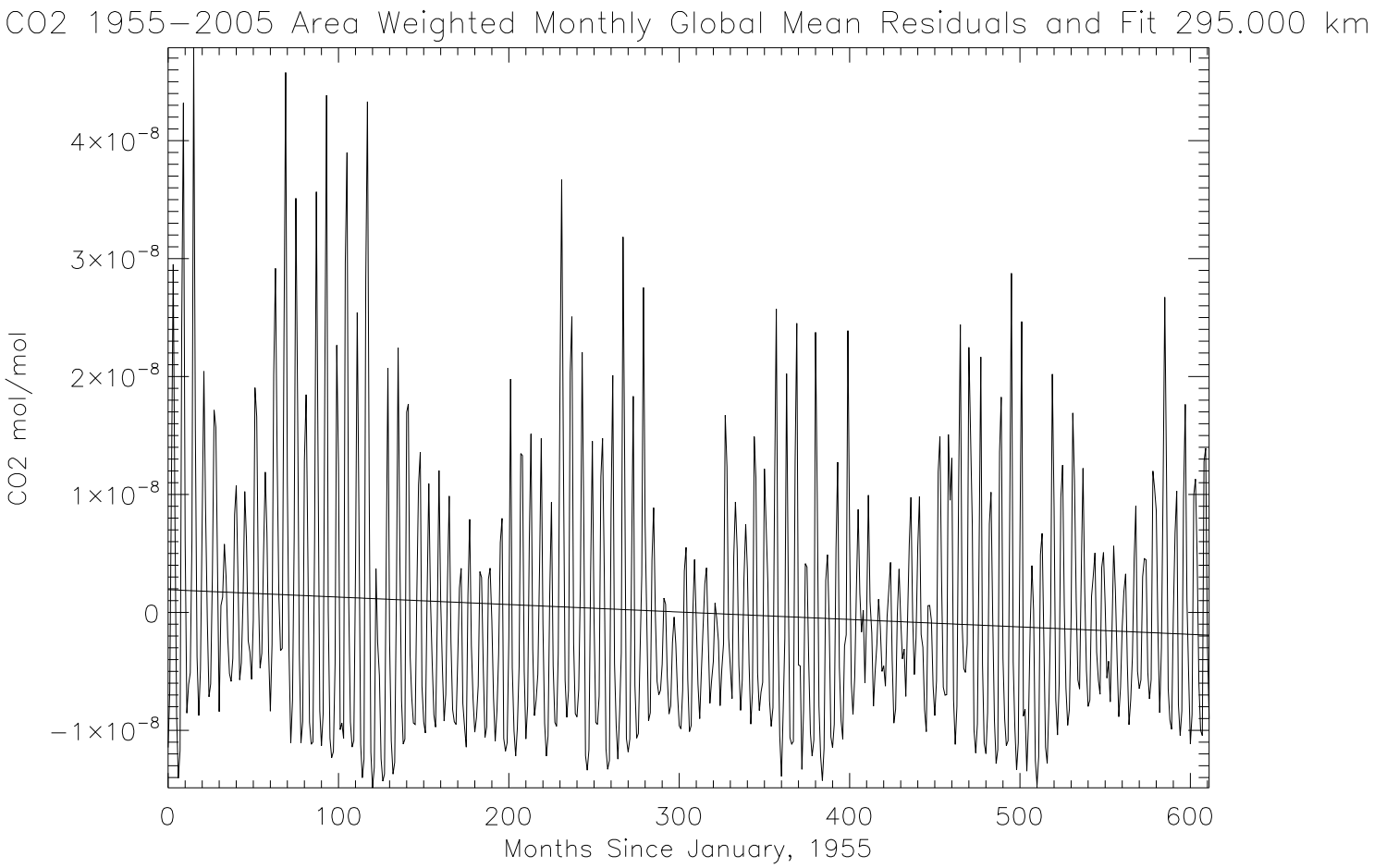

T 1970−2000 Area Weighted Monthly Global Mean Residuals and Fit 305.000 km
200
100
0
−100
T (K)
0
100
200
300
Months Since January, 1970

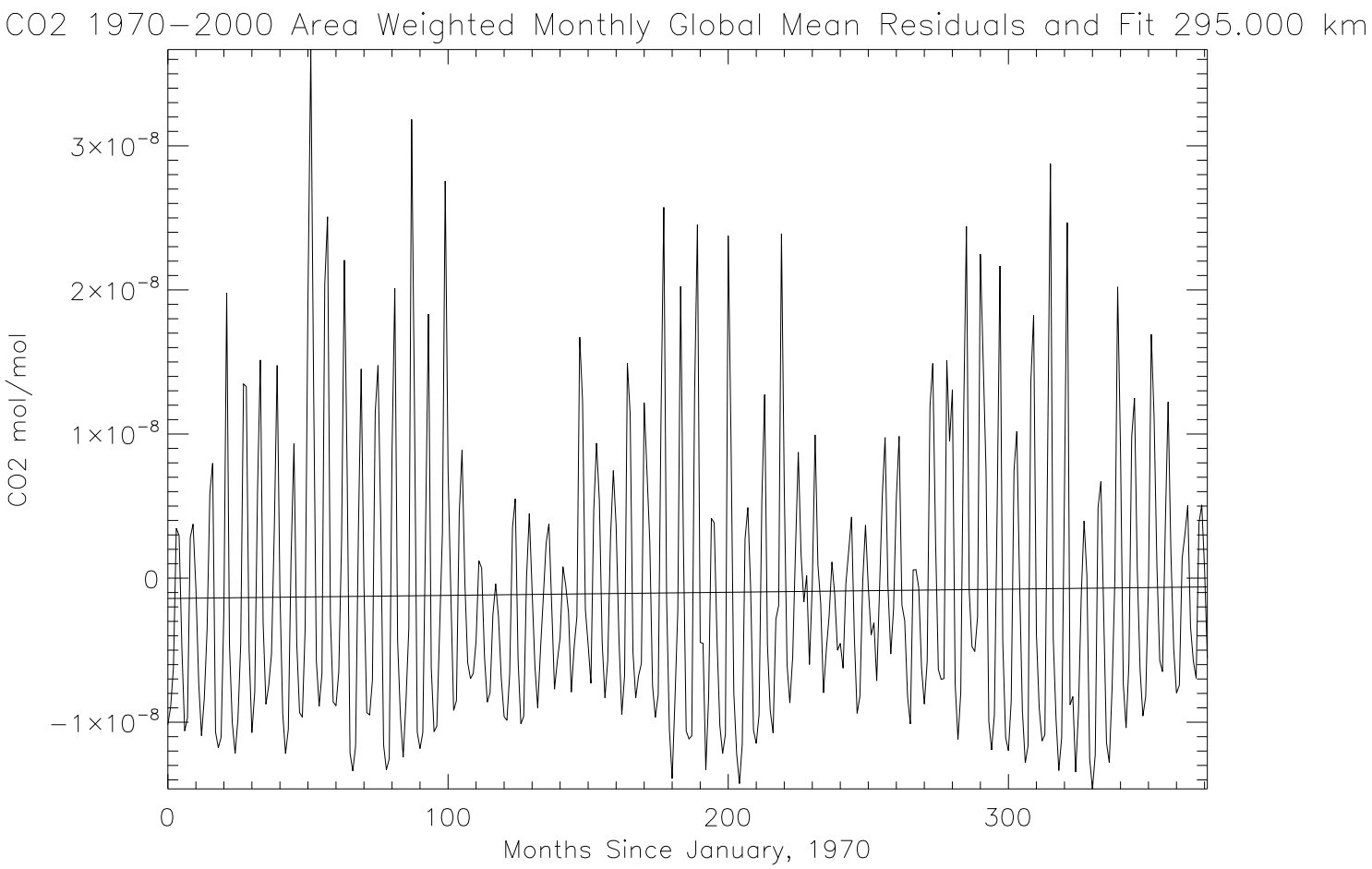

CO2 1955–2005 Area Weighted Monthly Global Mean Residuals and Fit 300.000 km
4×10⁻⁸
3×10⁻⁸
2×10⁻⁸
1×10⁻⁸
0
−1×10⁻⁸
CO2 mol/mol
0
100
200
300
400
500
600
Months Since January, 1955

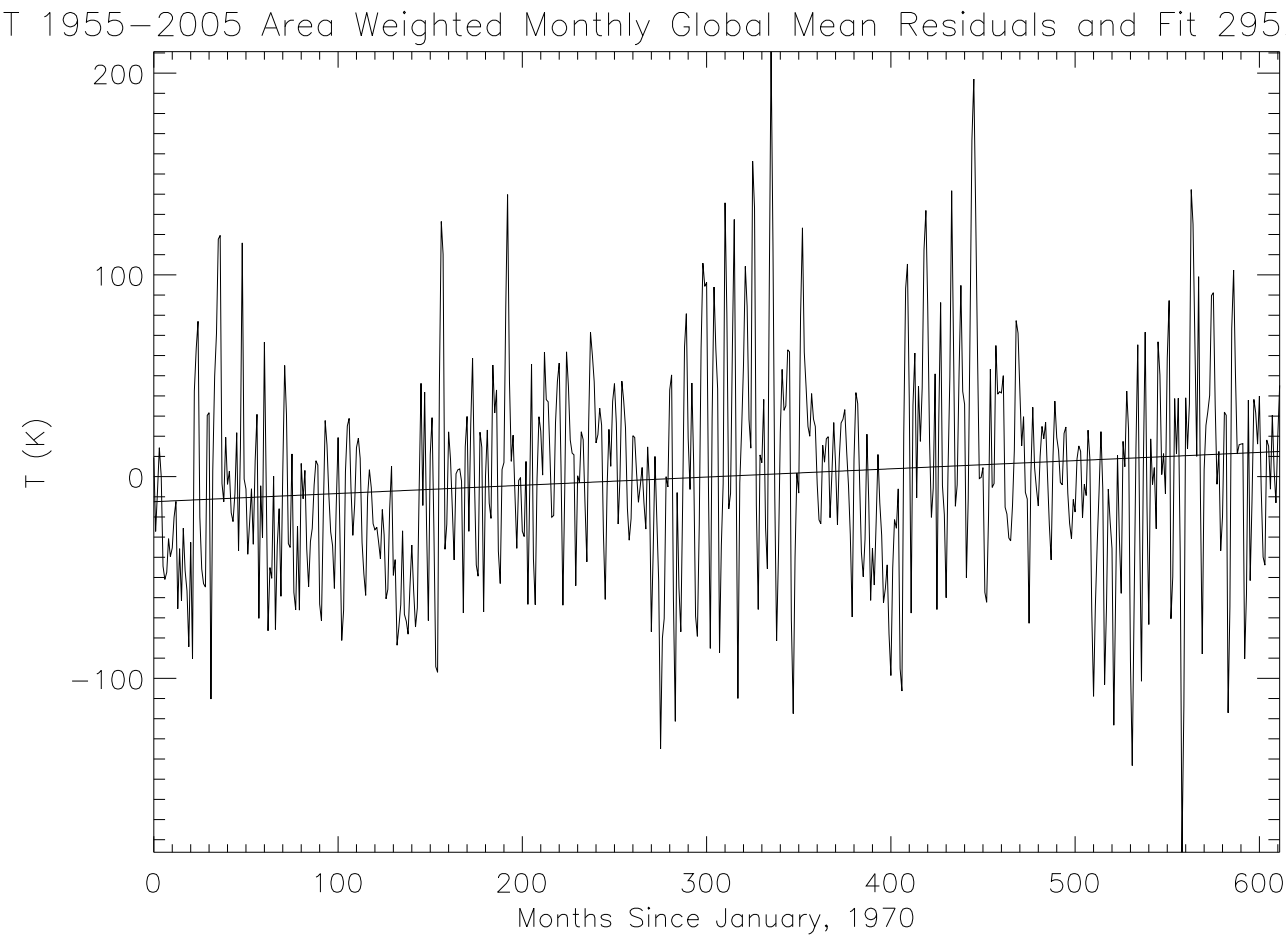

CO2 1970−2000 Area Weighted Monthly Global Mean Residuals and Fit 300.000 km
3×10⁻⁸
2×10⁻⁸
1×10⁻⁸
0
−1×10⁻⁸
CO2 mol/mol
0
100
200
300
Months Since January, 1970

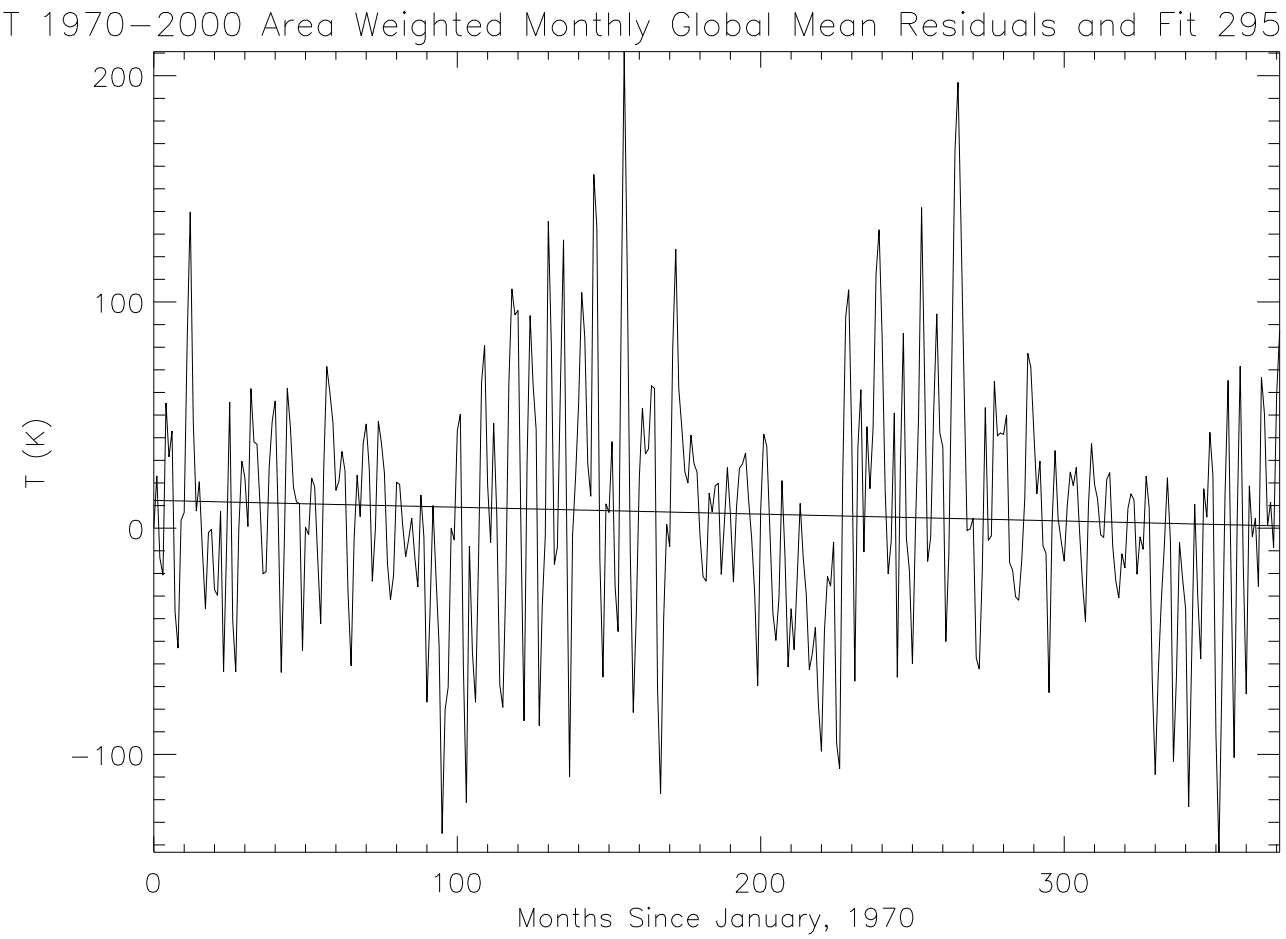

T 1955−2005 Area Weighted Monthly Global Mean Residuals and Fit 300.000 km
200
100
0
−100
T (K)
0
100
200
300
400
500
600
Months Since January, 1970

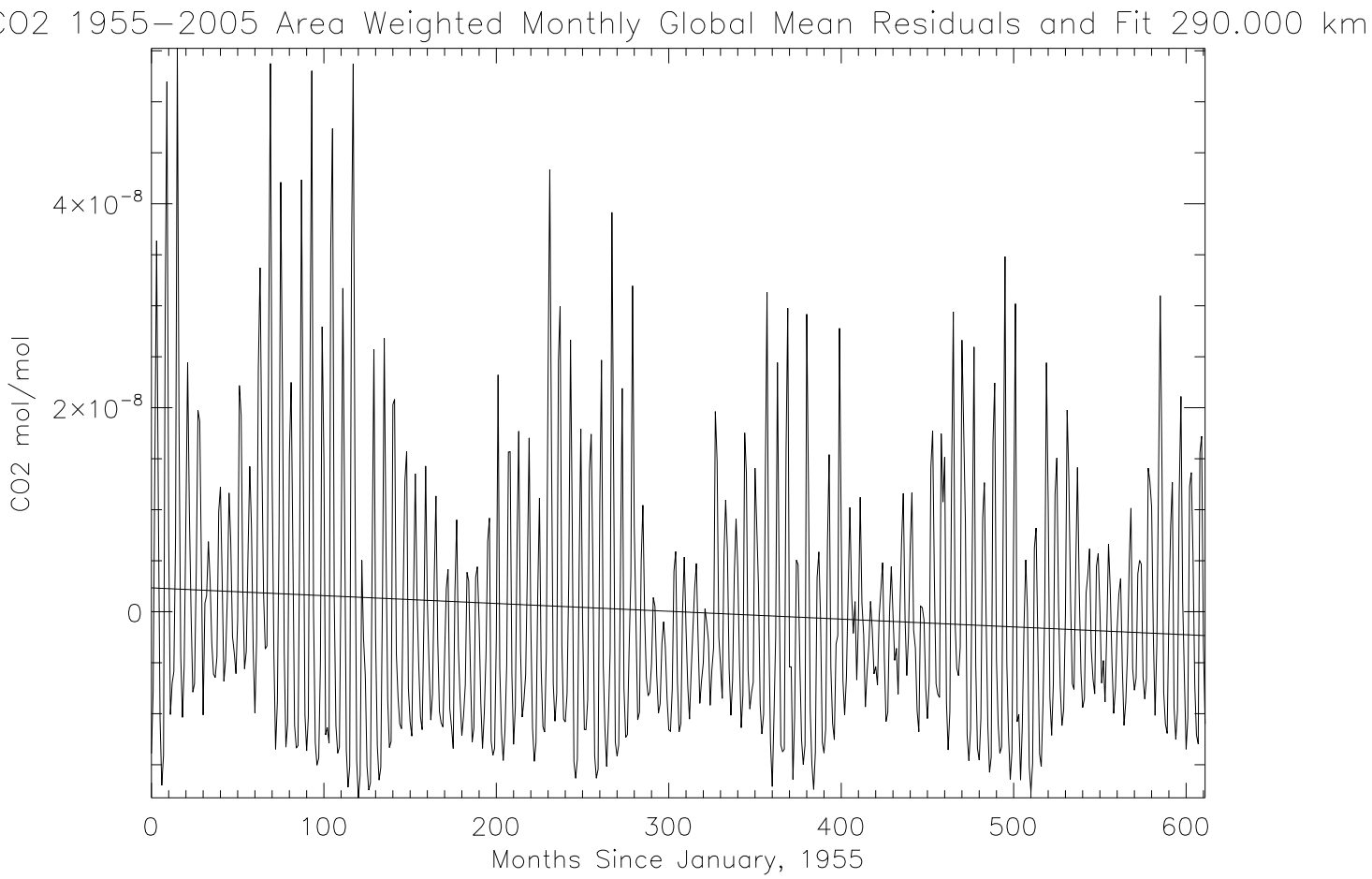

T 1970−2000 Area Weighted Monthly Global Mean Residuals and Fit 300.000 km
200
100
0
−100
T (K)
0
100
200
300
Months Since January, 1970

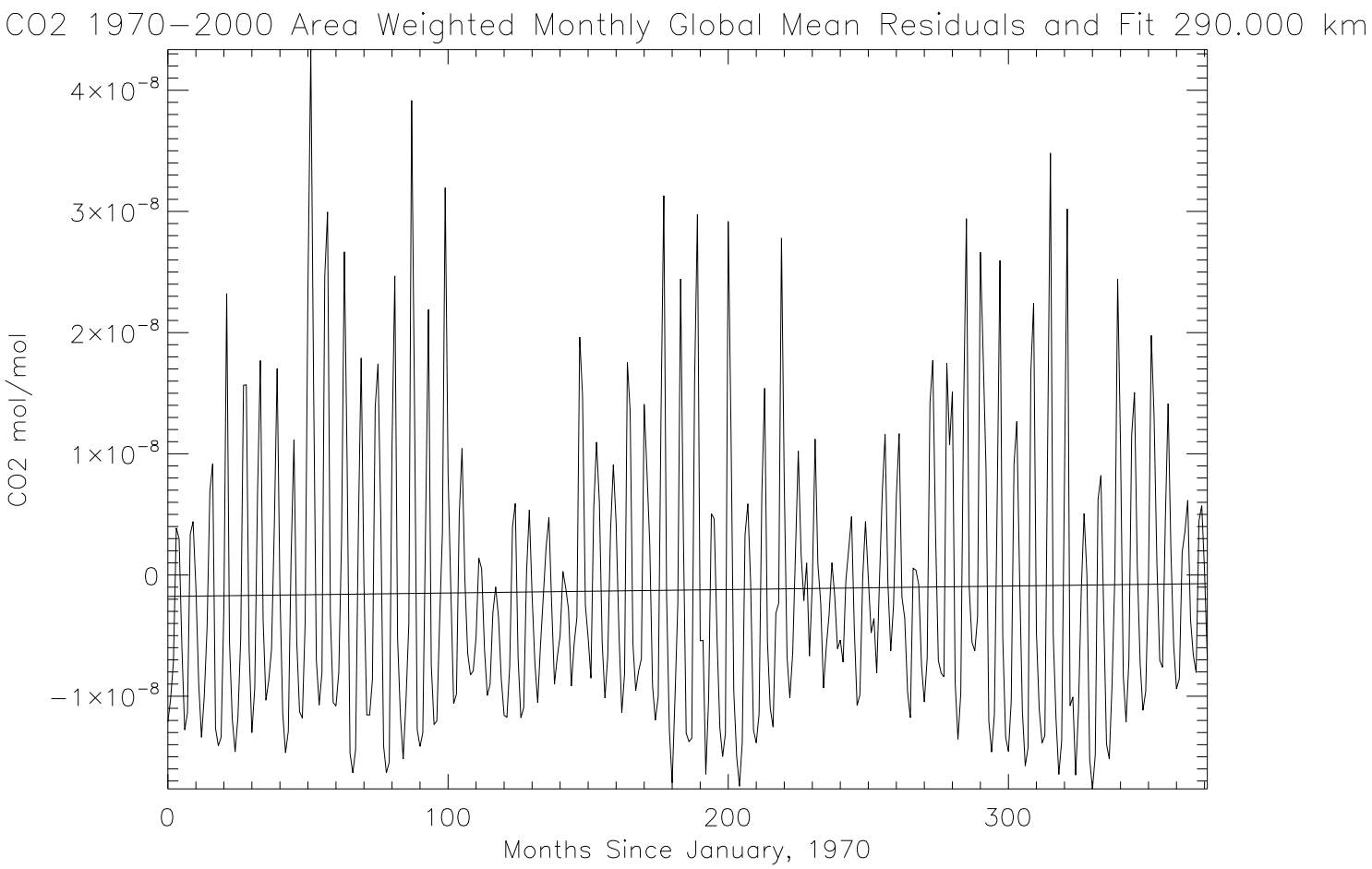

CO2 1955−2005 Area Weighted Monthly Global Mean Residuals and Fit 295.000 km
4×10⁻⁸
3×10⁻⁸
2×10⁻⁸
1×10⁻⁸
0
−1×10⁻⁸
CO2 mol/mol
0
100
200
300
400
500
600
Months Since January, 1955

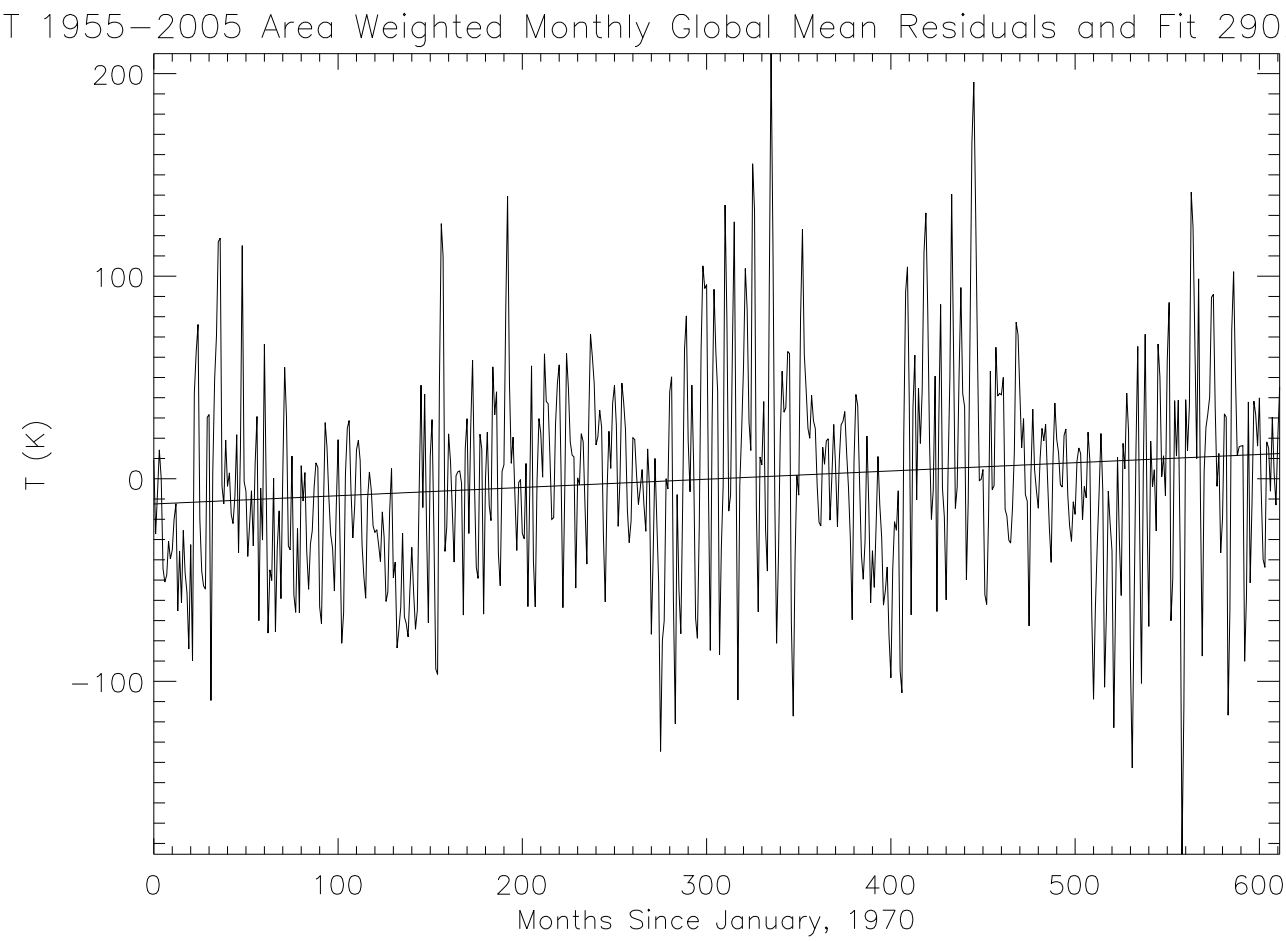

CO2 1970–2000 Area Weighted Monthly Global Mean Residuals and Fit 295.000 km
3×10⁻⁸
2×10⁻⁸
1×10⁻⁸
0
−1×10⁻⁸
CO2 mol/mol
0
100
200
300
Months Since January, 1970

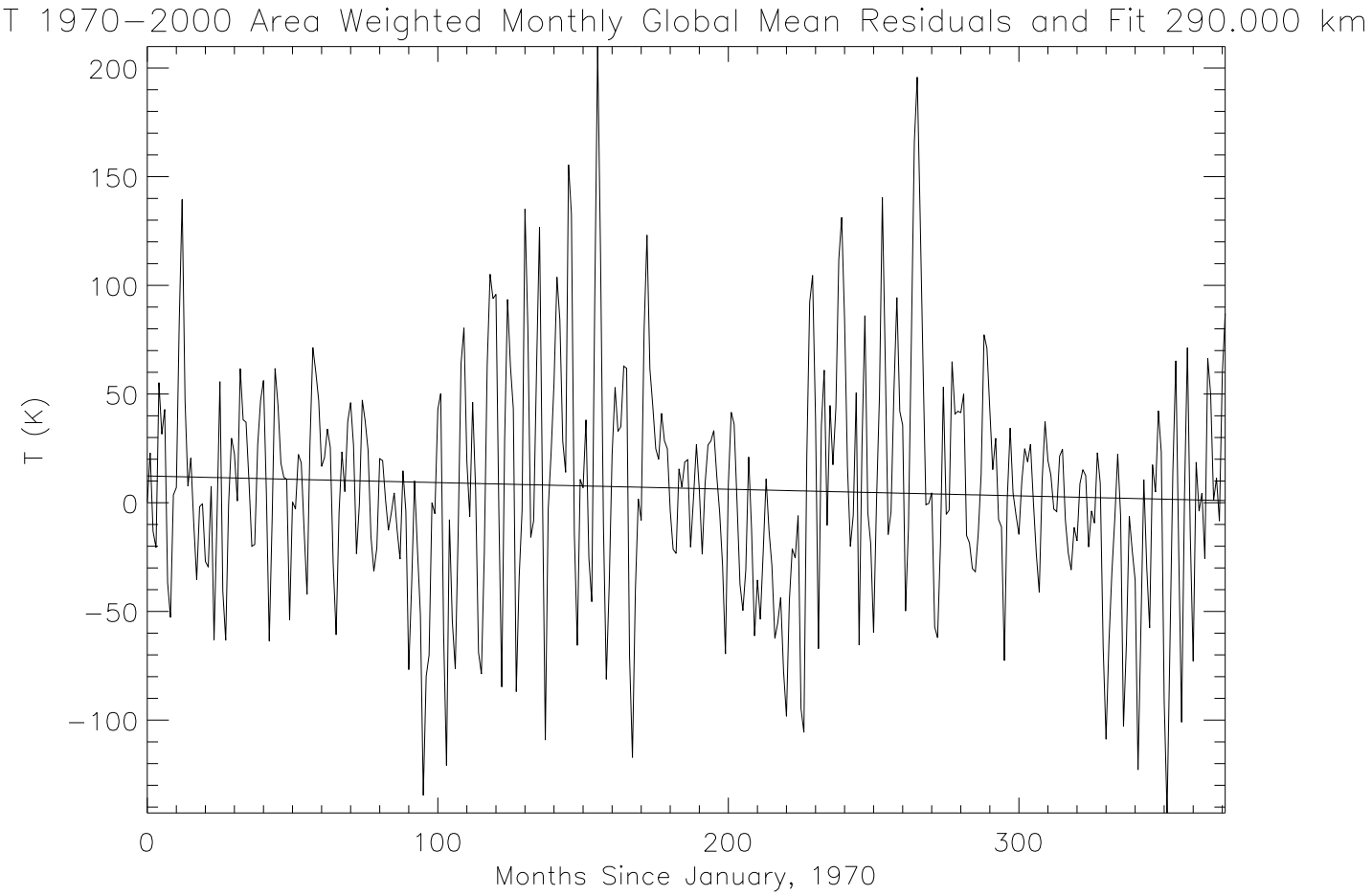

T 1955−2005 Area Weighted Monthly Global Mean Residuals and Fit 295.000 km
200
100
0
−100
T (K)
0
100
200
300
400
500
600
Months Since January, 1970

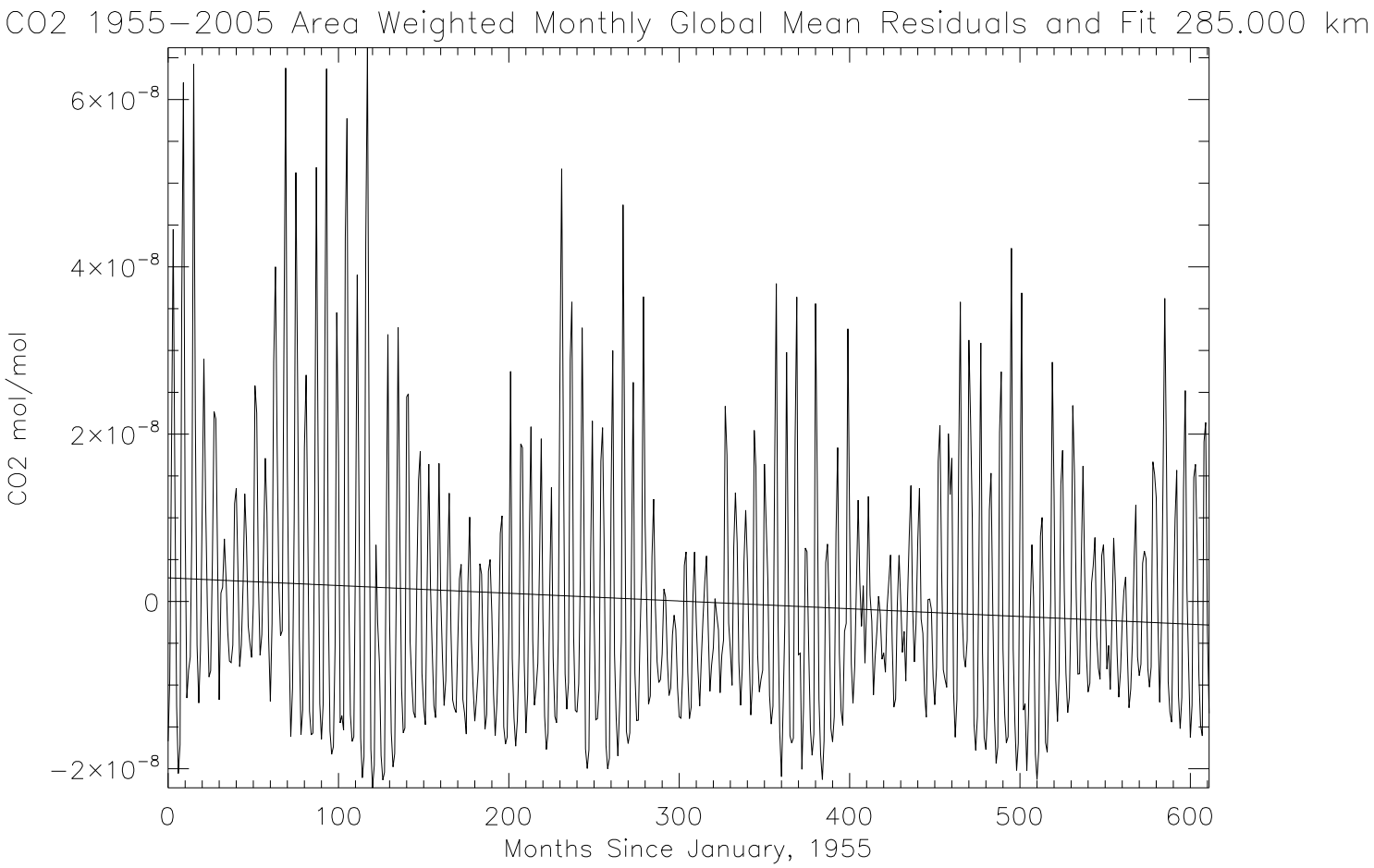

T 1970−2000 Area Weighted Monthly Global Mean Residuals and Fit 295.000 km
200
100
0
−100
T (K)
0
100
200
300
Months Since January, 1970

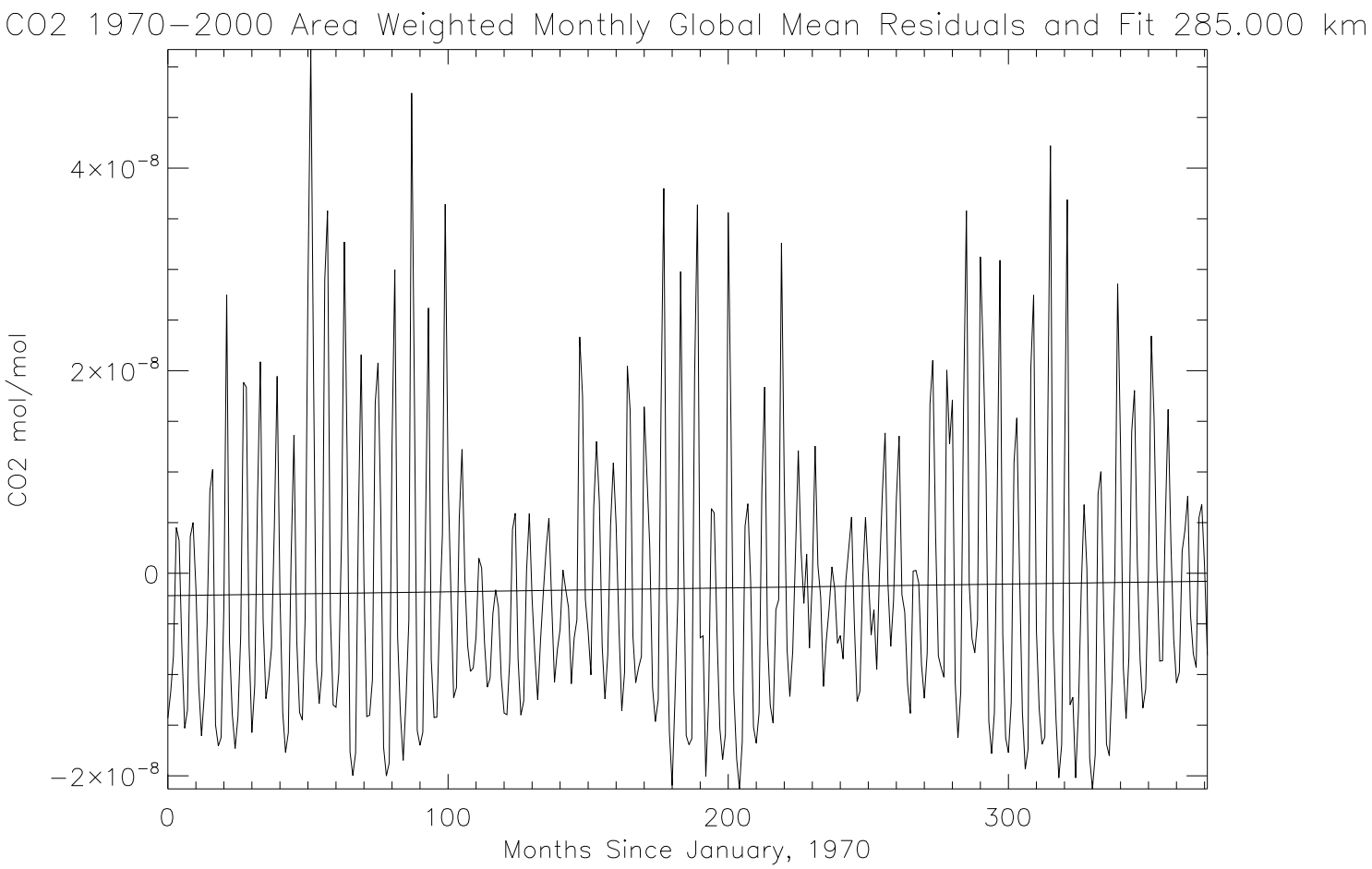

CO2 1955–2005 Area Weighted Monthly Global Mean Residuals and Fit 290.000 km
4×10⁻⁸
2×10⁻⁸
0
CO2 mol/mol
0
100
200
300
400
500
600
Months Since January, 1955

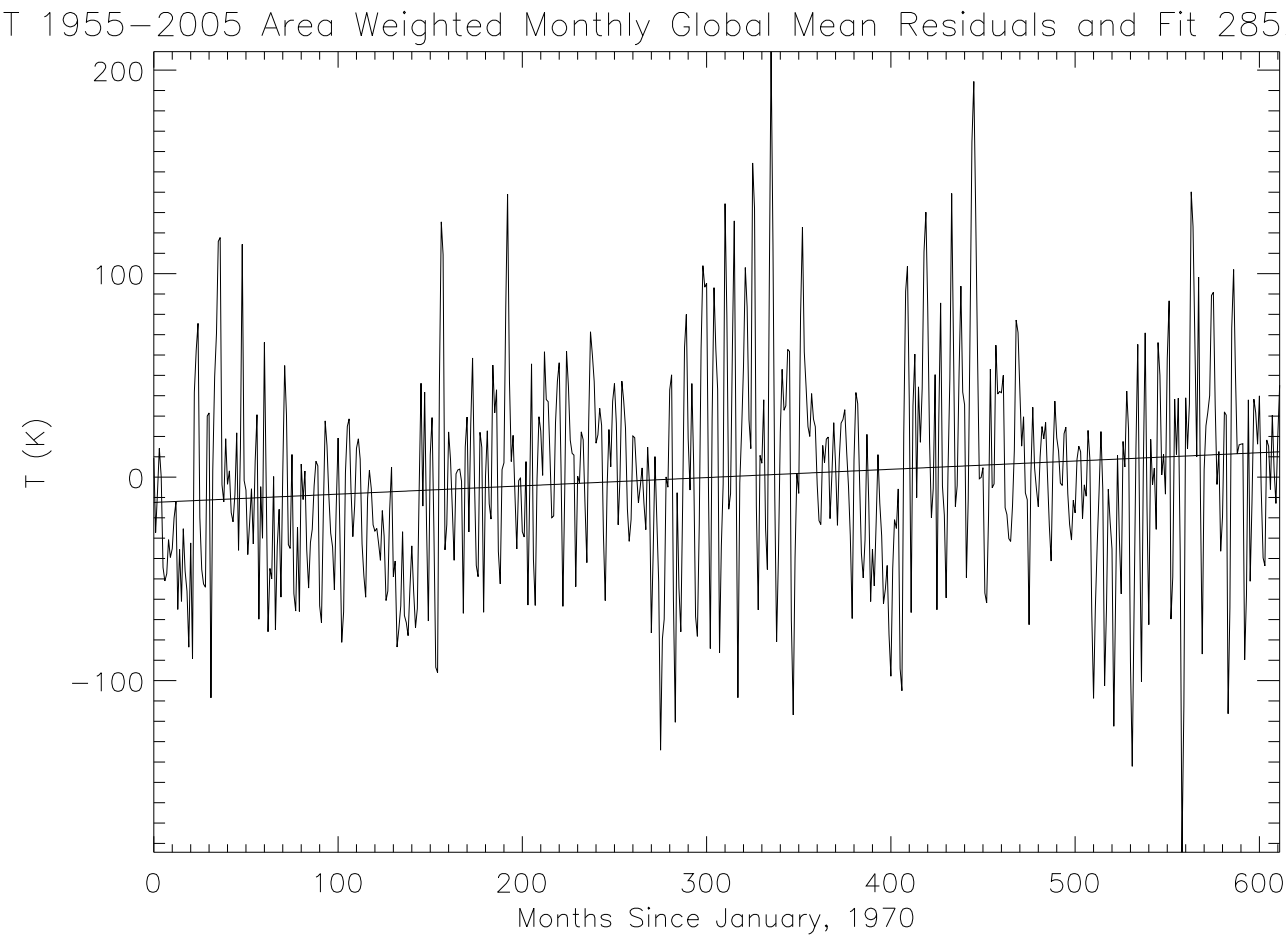

CO2 1970–2000 Area Weighted Monthly Global Mean Residuals and Fit 290.000 km
4×10⁻⁸
3×10⁻⁸
2×10⁻⁸
1×10⁻⁸
0
−1×10⁻⁸
CO2 mol/mol
0
100
200
300
Months Since January, 1970

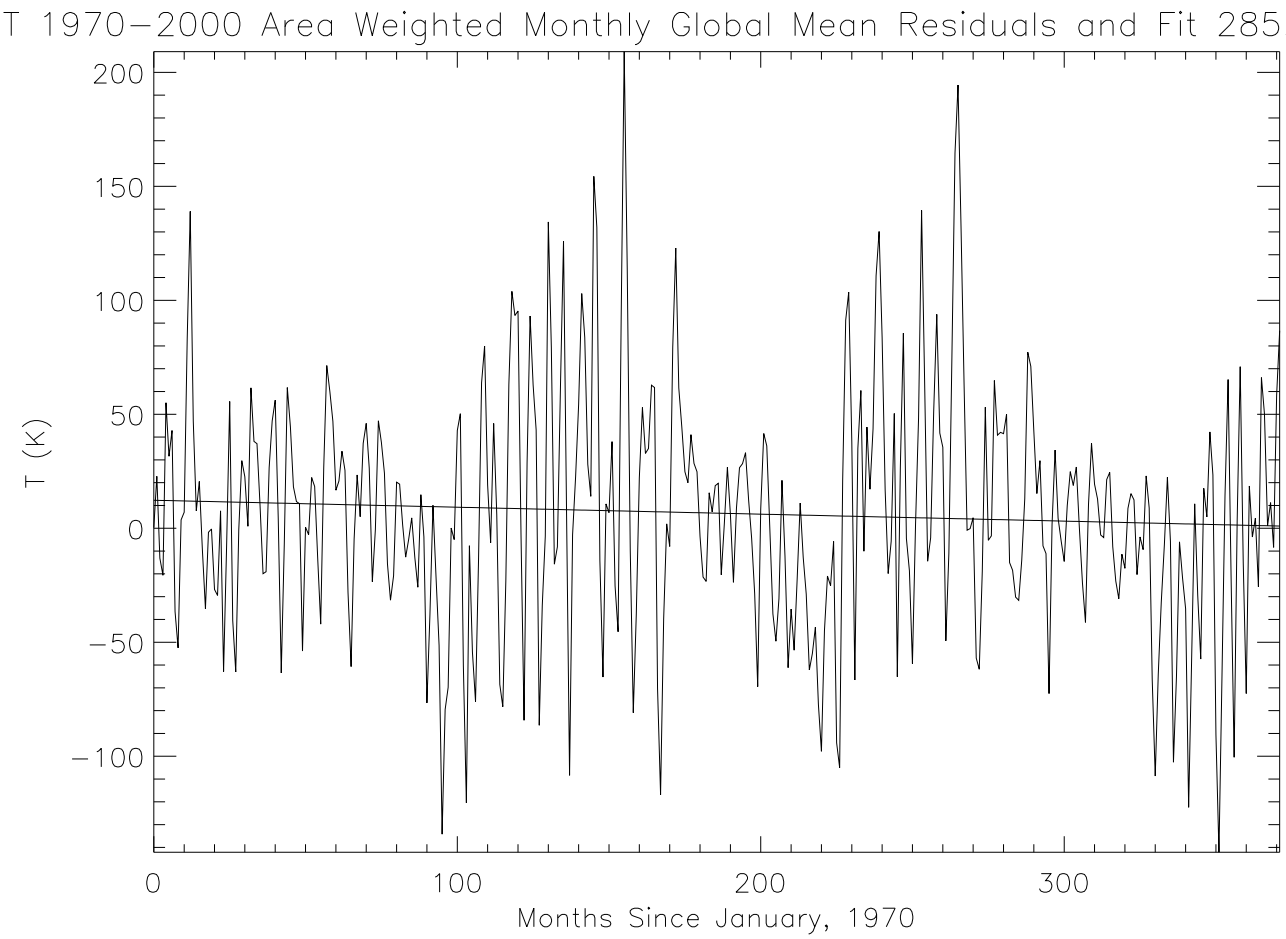

T 1955−2005 Area Weighted Monthly Global Mean Residuals and Fit 290.000 km
200
100
0
−100
T (K)
0
100
200
300
400
500
600
Months Since January, 1970

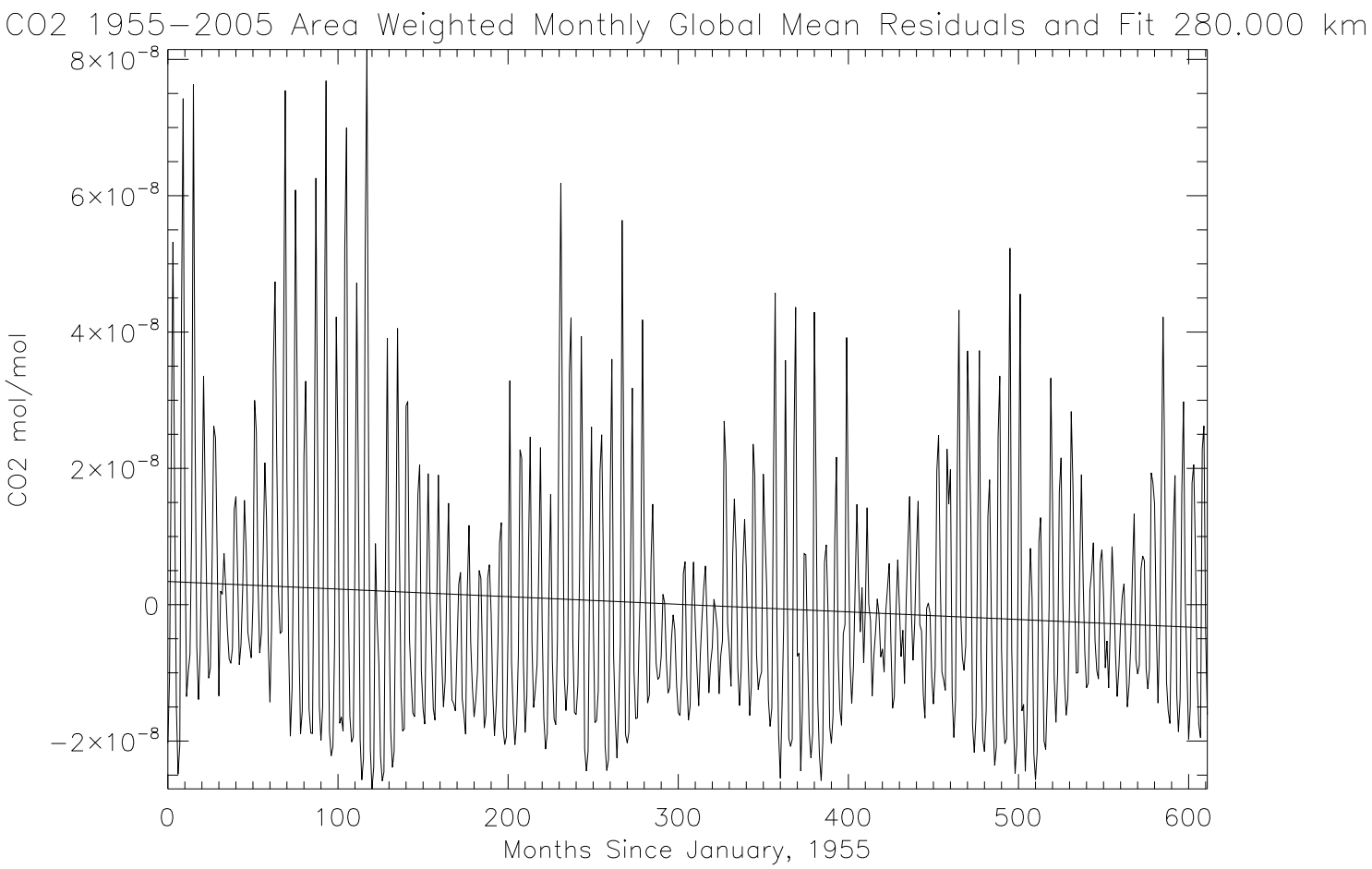

T 1970−2000 Area Weighted Monthly Global Mean Residuals and Fit 290.000 km
200
150
100
50
0
−50
−100
T (K)
0
100
200
300
Months Since January, 1970

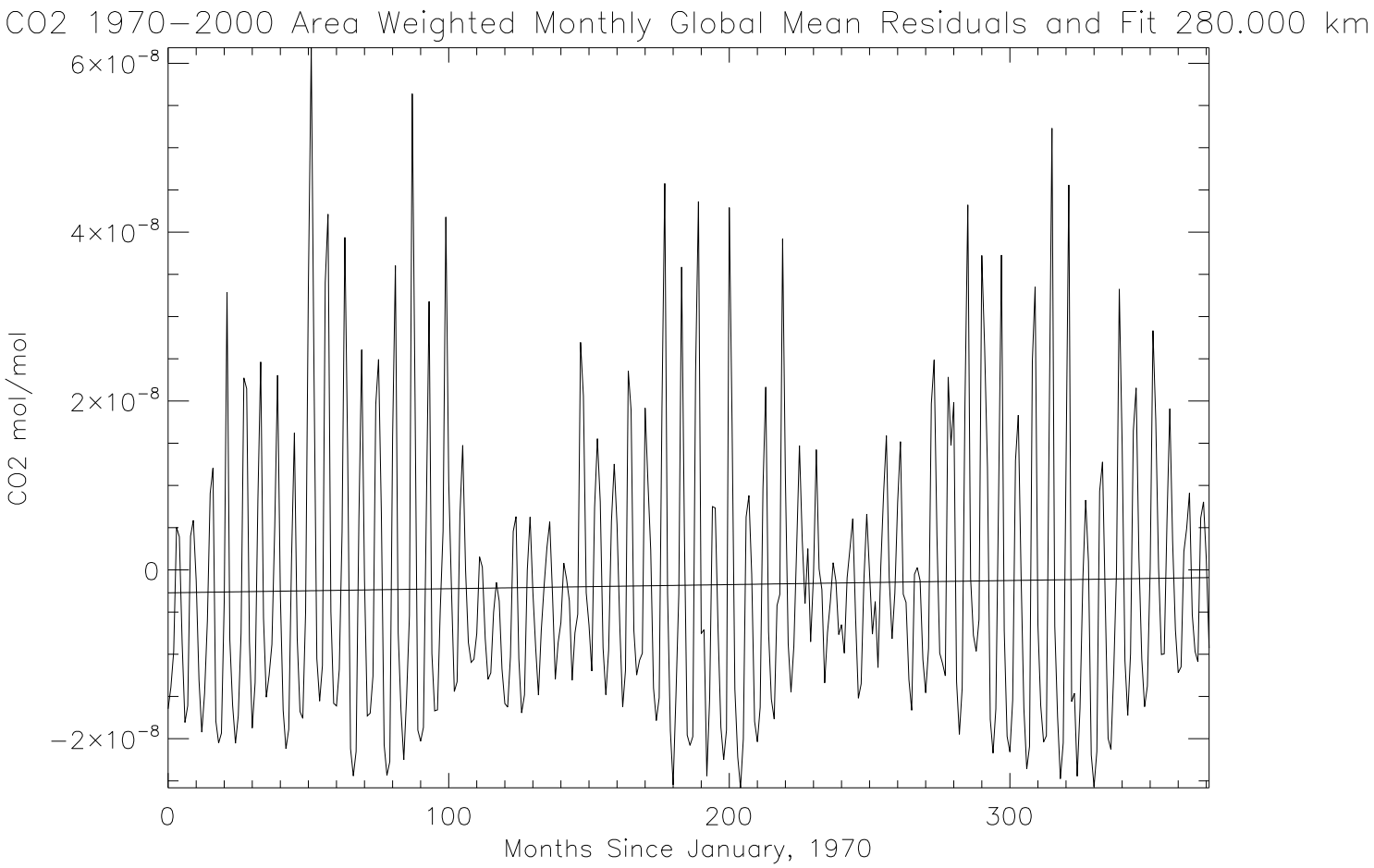

CO2 1955–2005 Area Weighted Monthly Global Mean Residuals and Fit 285.000 km
6×10⁻⁸
4×10⁻⁸
2×10⁻⁸
0
−2×10⁻⁸
CO2 mol/mol
0
100
200
300
400
500
600
Months Since January, 1955

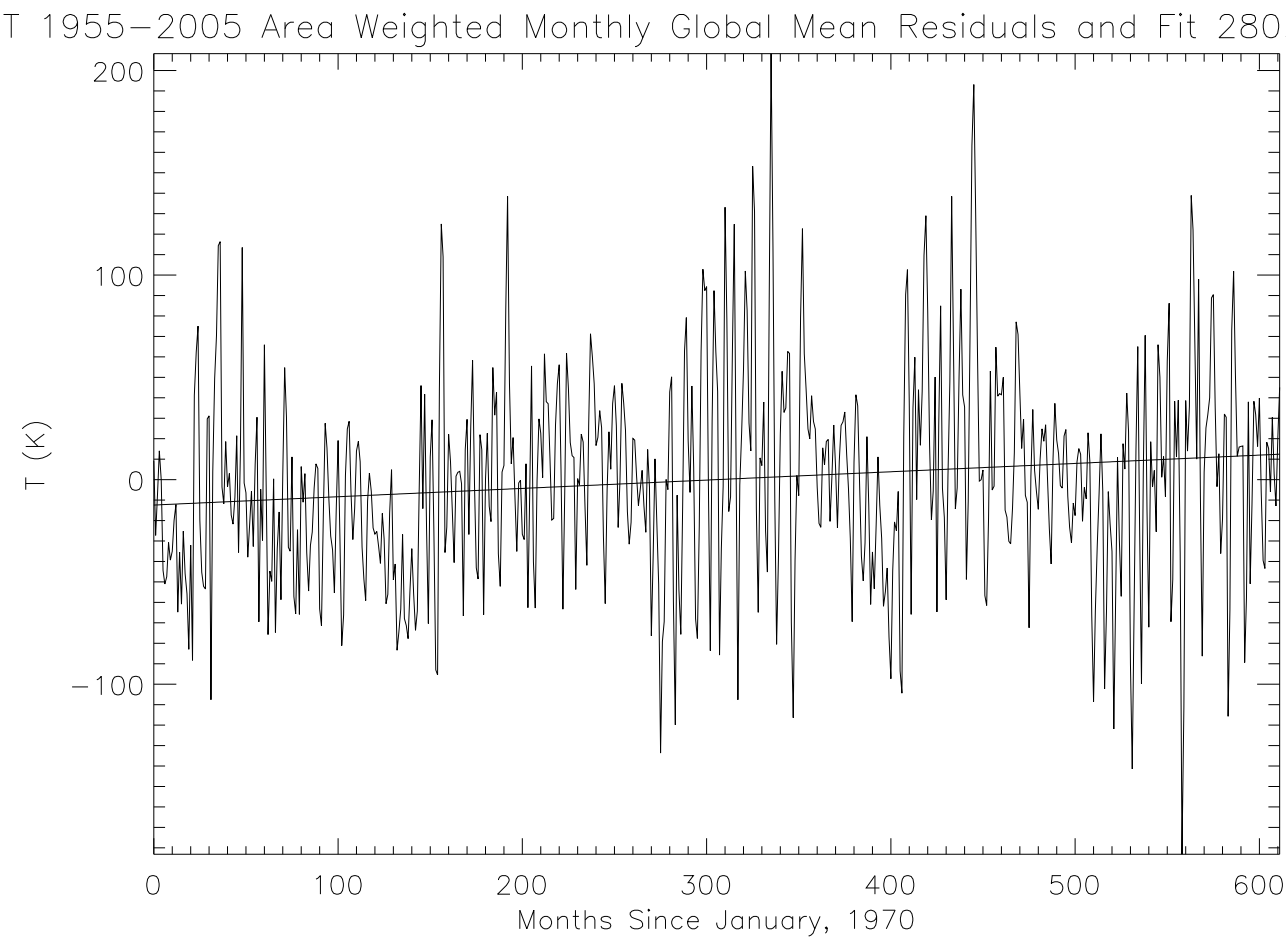

CO2 1970−2000 Area Weighted Monthly Global Mean Residuals and Fit 285.000 km
4×10⁻⁸
2×10⁻⁸
0
−2×10⁻⁸
CO2 mol/mol
0
100
200
300
Months Since January, 1970

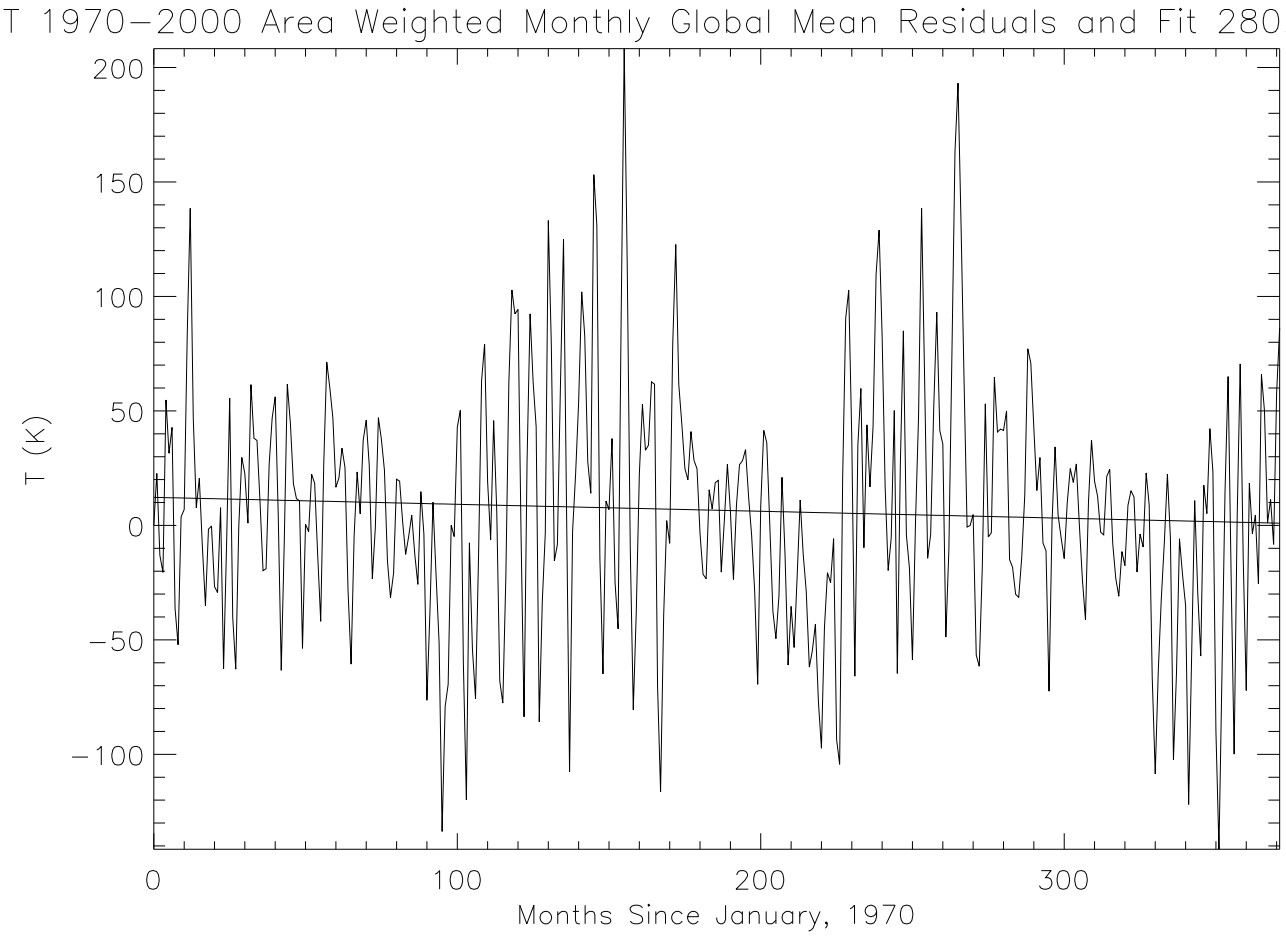

T 1955−2005 Area Weighted Monthly Global Mean Residuals and Fit 285.000 km
200
100
0
−100
T (K)
0
100
200
300
400
500
600
Months Since January, 1970

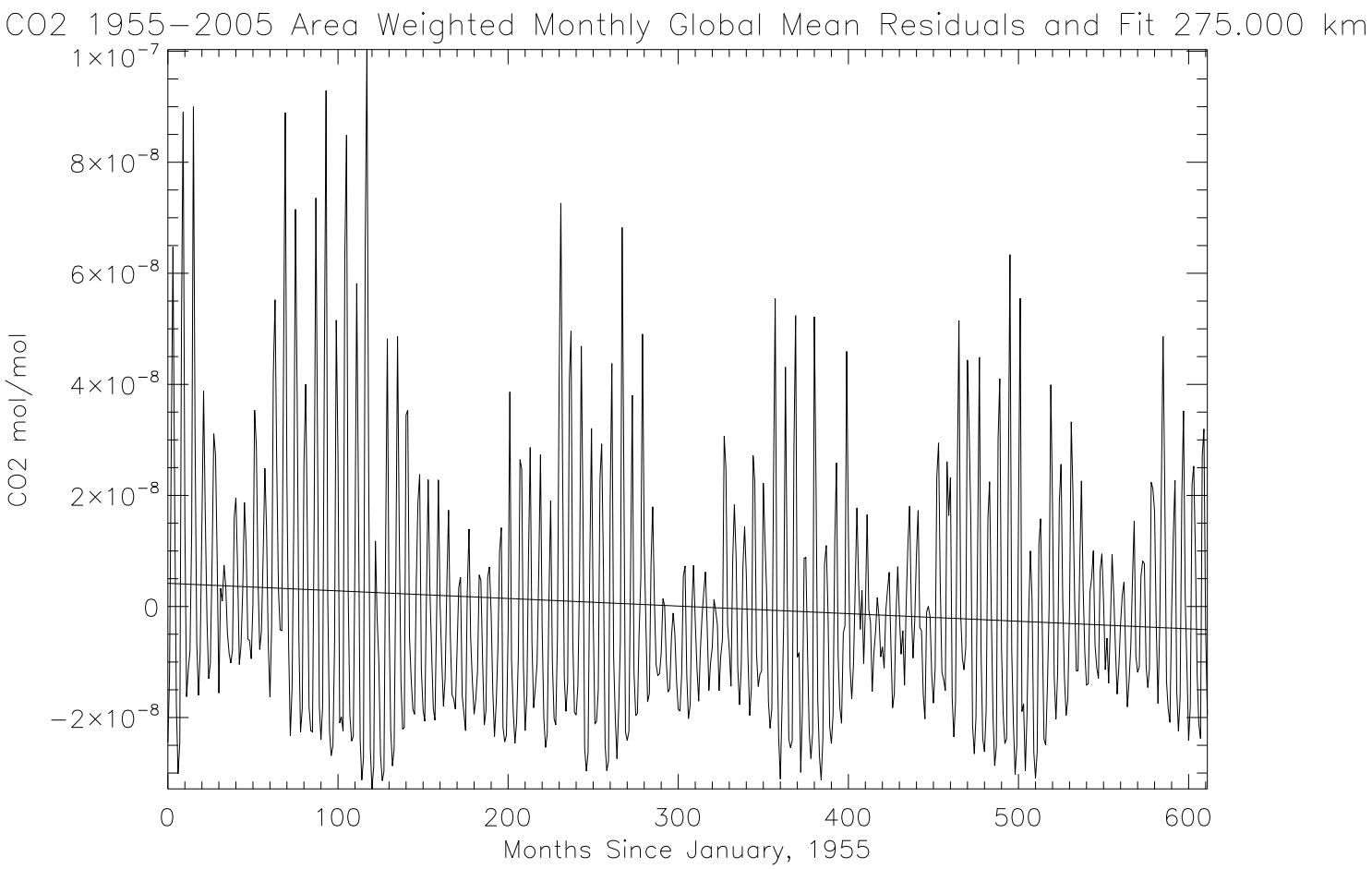

T 1970−2000 Area Weighted Monthly Global Mean Residuals and Fit 285.000 km
200
150
100
50
0
−50
−100
T (K)
0
100
200
300
Months Since January, 1970

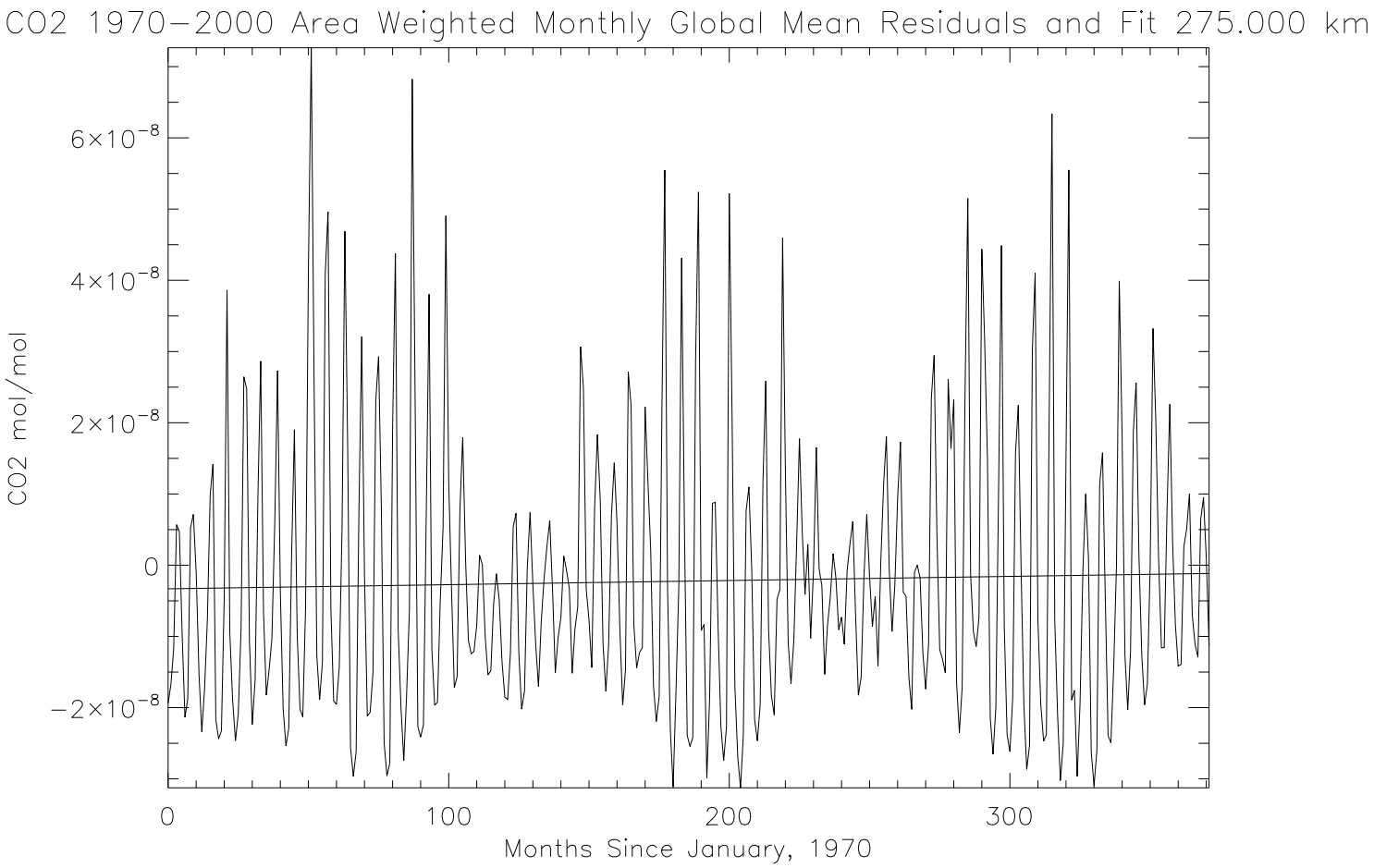

CO2 1955–2005 Area Weighted Monthly Global Mean Residuals and Fit 280.000 km
8×10⁻⁸
6×10⁻⁸
4×10⁻⁸
2×10⁻⁸
0
−2×10⁻⁸
CO2 mol/mol
0
100
200
300
400
500
600
Months Since January, 1955

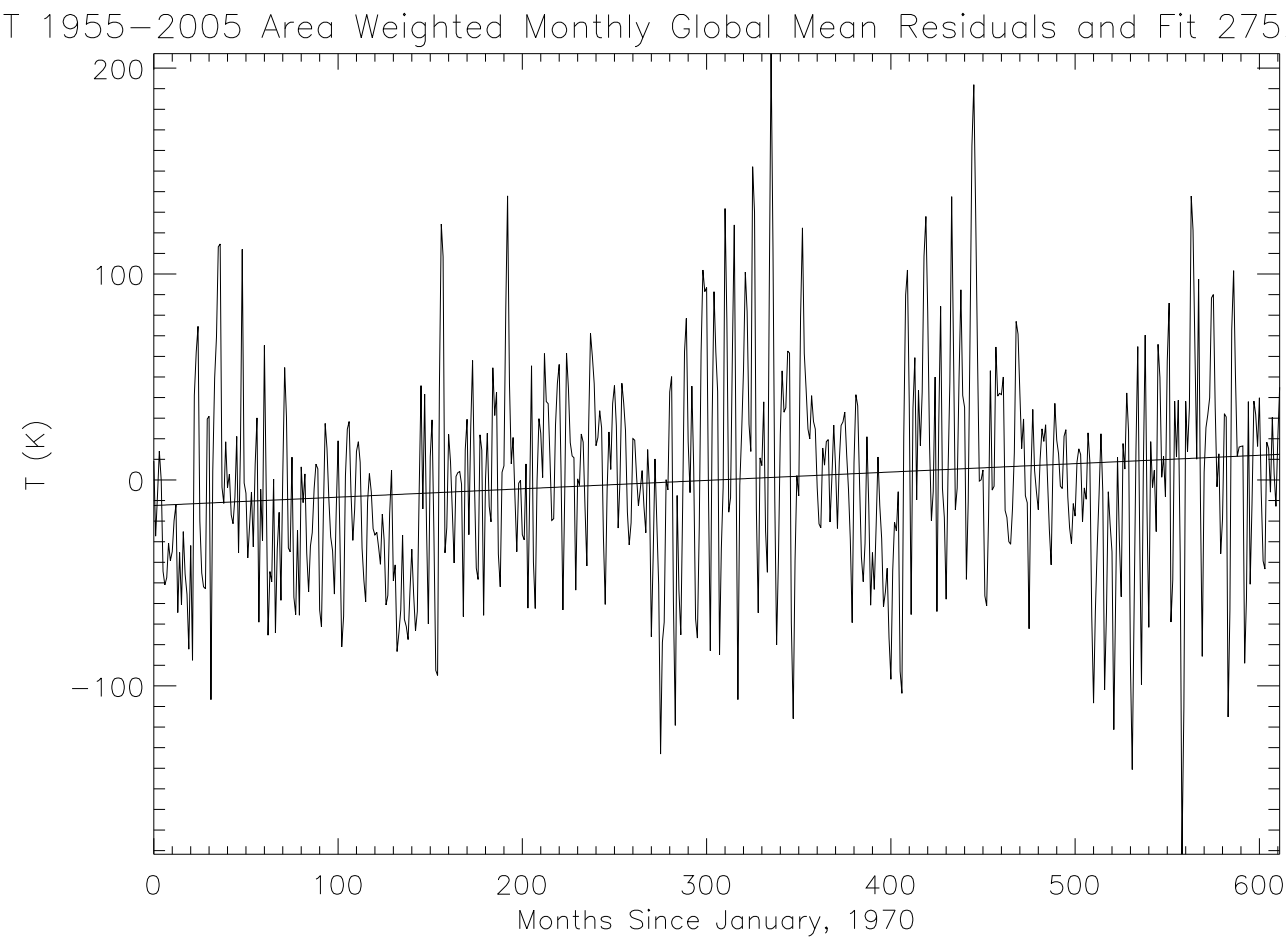

CO2 1970−2000 Area Weighted Monthly Global Mean Residuals and Fit 280.000 km
6×10⁻⁸
4×10⁻⁸
2×10⁻⁸
0
−2×10⁻⁸
CO2 mol/mol
0
100
200
300
Months Since January, 1970

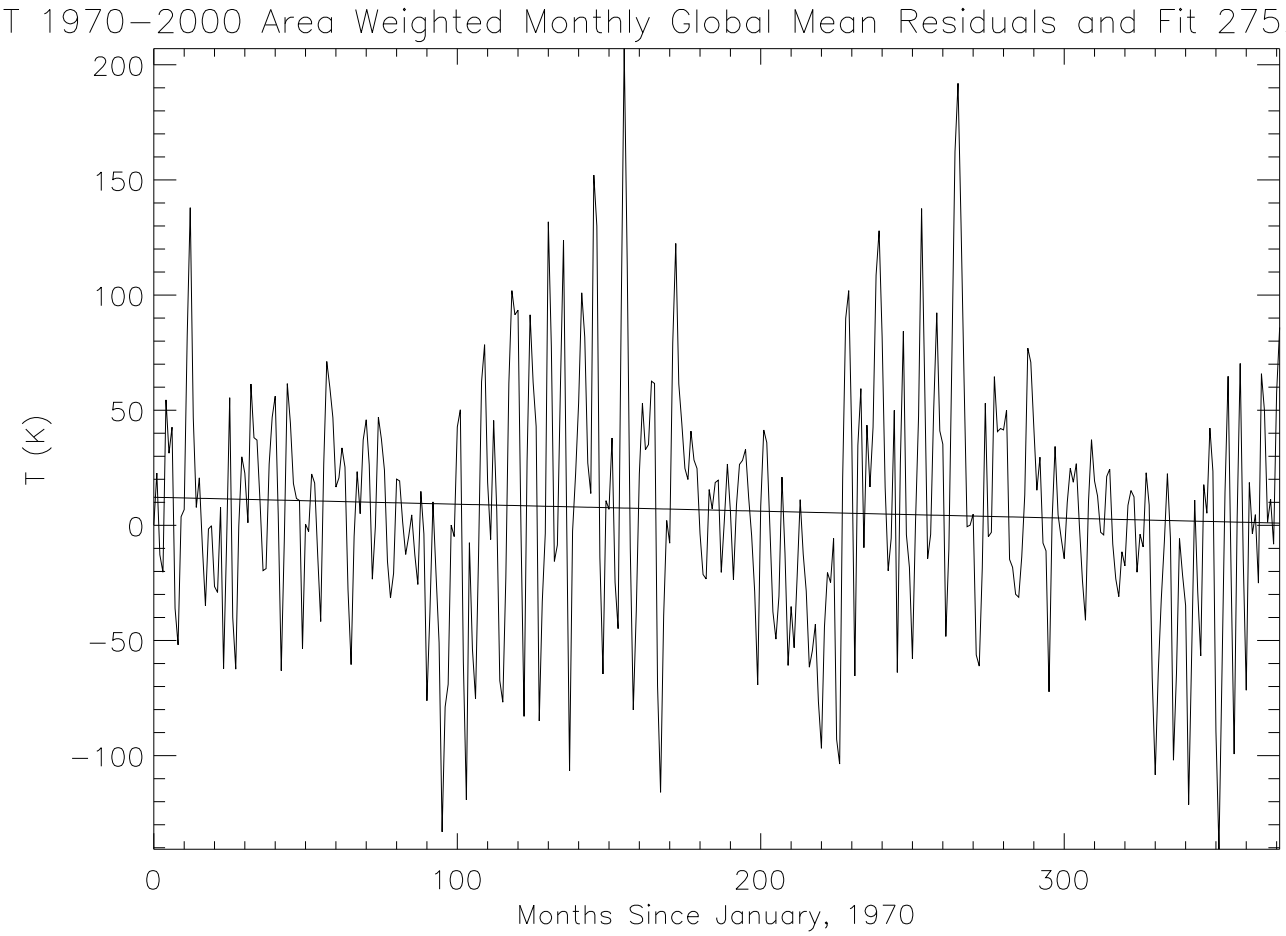

T 1955−2005 Area Weighted Monthly Global Mean Residuals and Fit 280.000 km
200
100
0
−100
T (K)
0
100
200
300
400
500
600
Months Since January, 1970

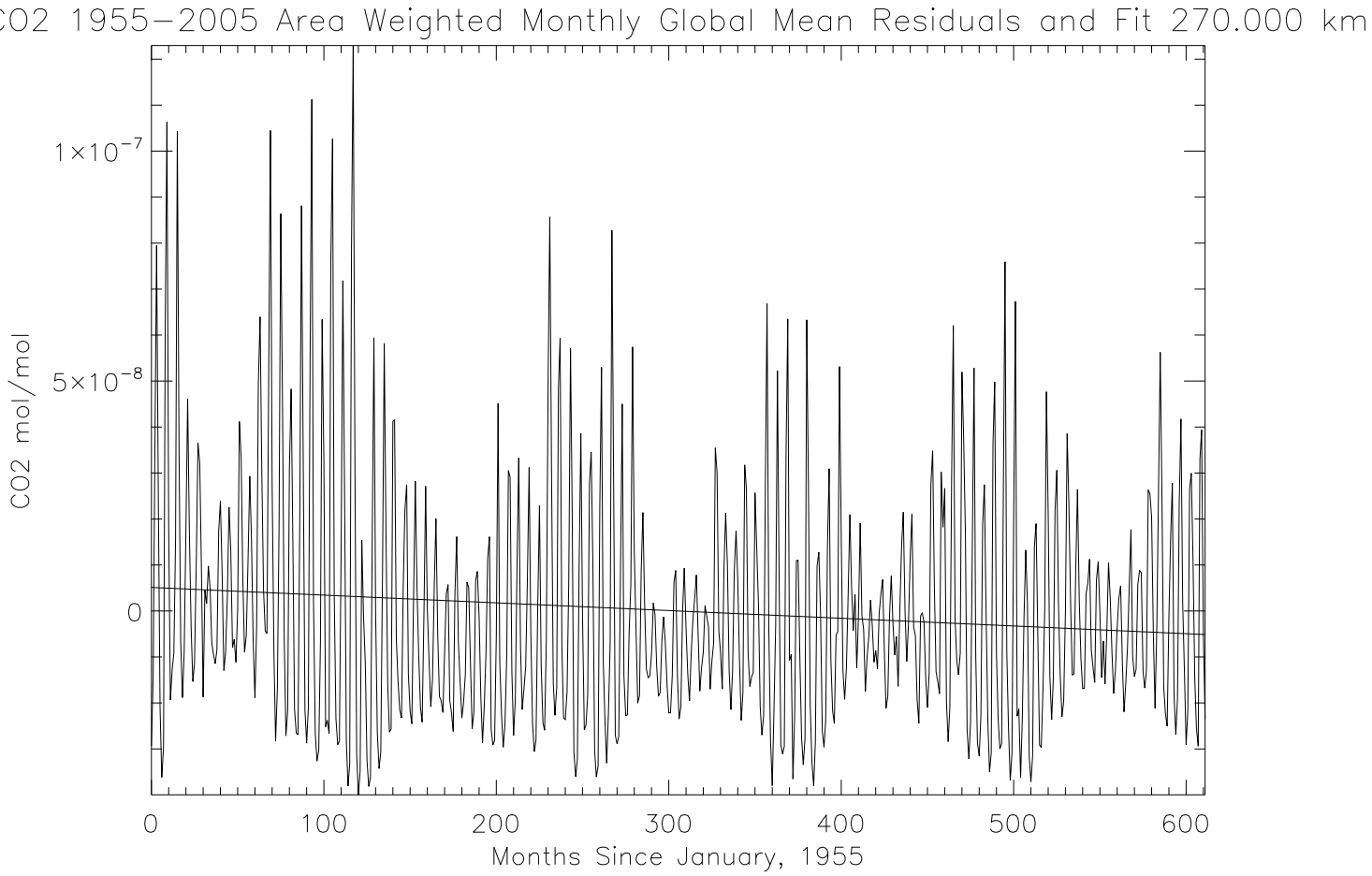

T 1970−2000 Area Weighted Monthly Global Mean Residuals and Fit 280.000 km
200
150
100
50
0
−50
−100
T (K)
0
100
200
300
Months Since January, 1970

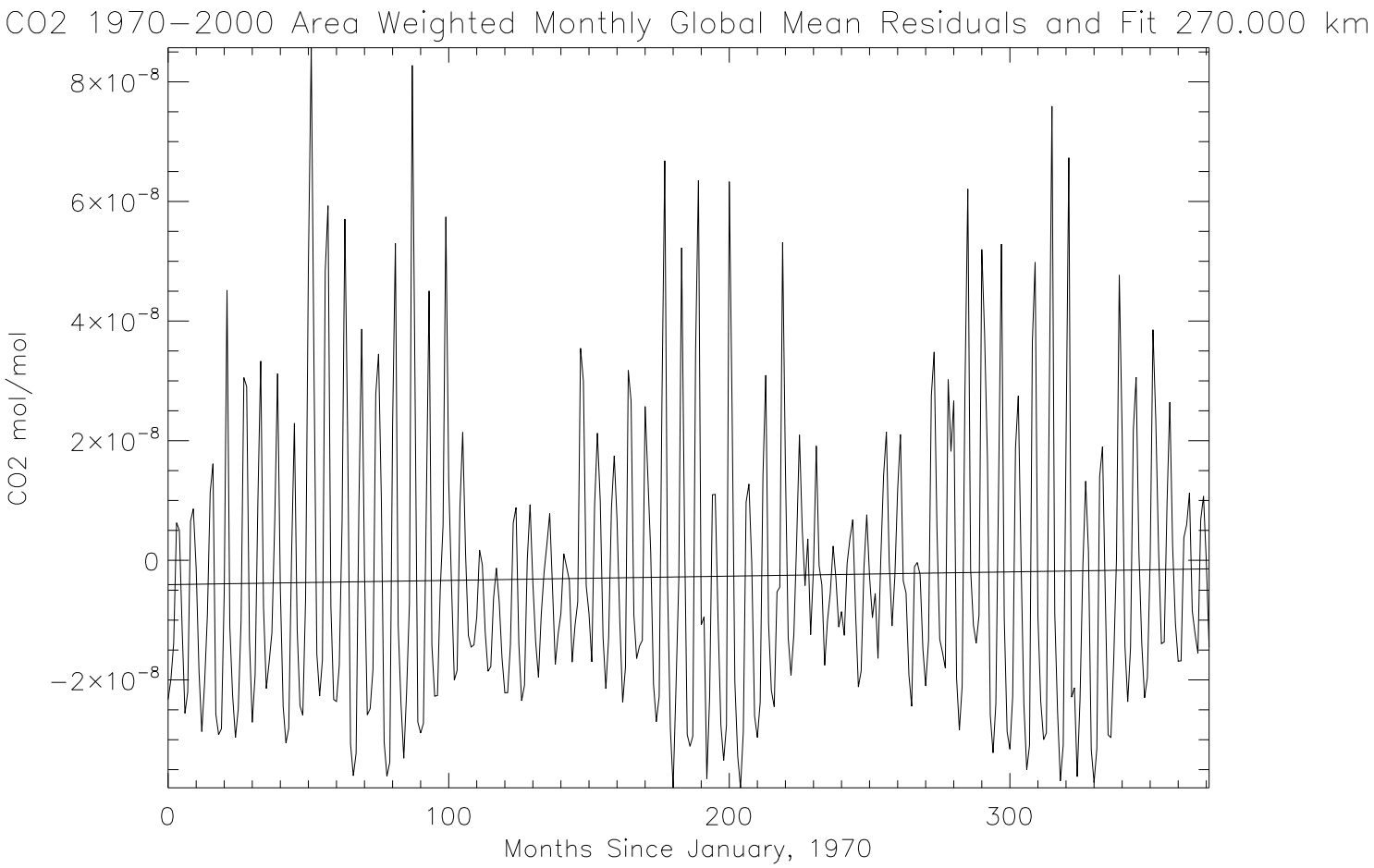

CO2 1955–2005 Area Weighted Monthly Global Mean Residuals and Fit 275.000 km
1×10⁻⁷
8×10⁻⁸
6×10⁻⁸
4×10⁻⁸
2×10⁻⁸
0
−2×10⁻⁸
CO2 mol/mol
0
100
200
300
400
500
600
Months Since January, 1955

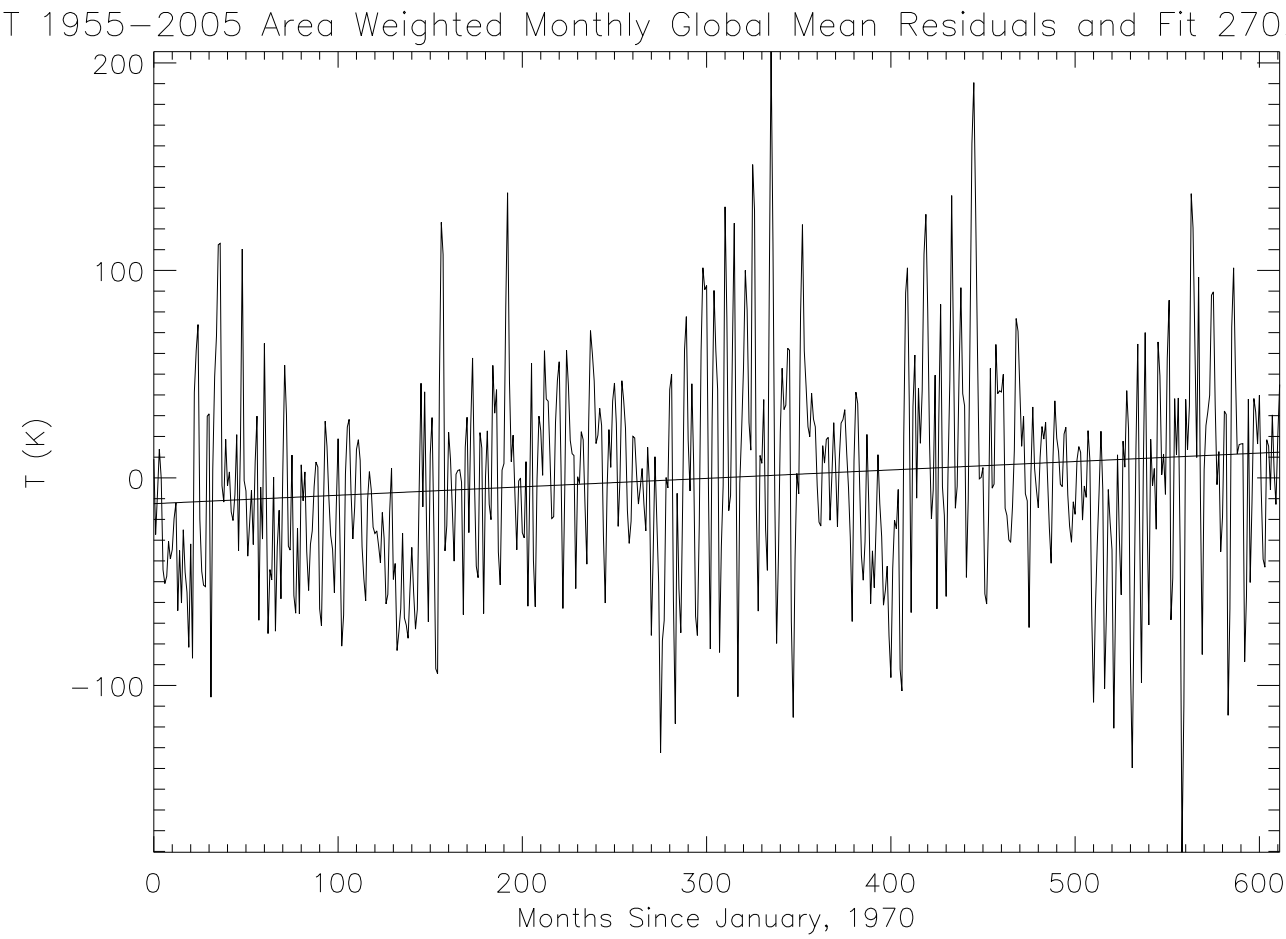

CO2 1970−2000 Area Weighted Monthly Global Mean Residuals and Fit 275.000 km
6×10⁻⁸
4×10⁻⁸
2×10⁻⁸
0
−2×10⁻⁸
CO2 mol/mol
0
100
200
300
Months Since January, 1970

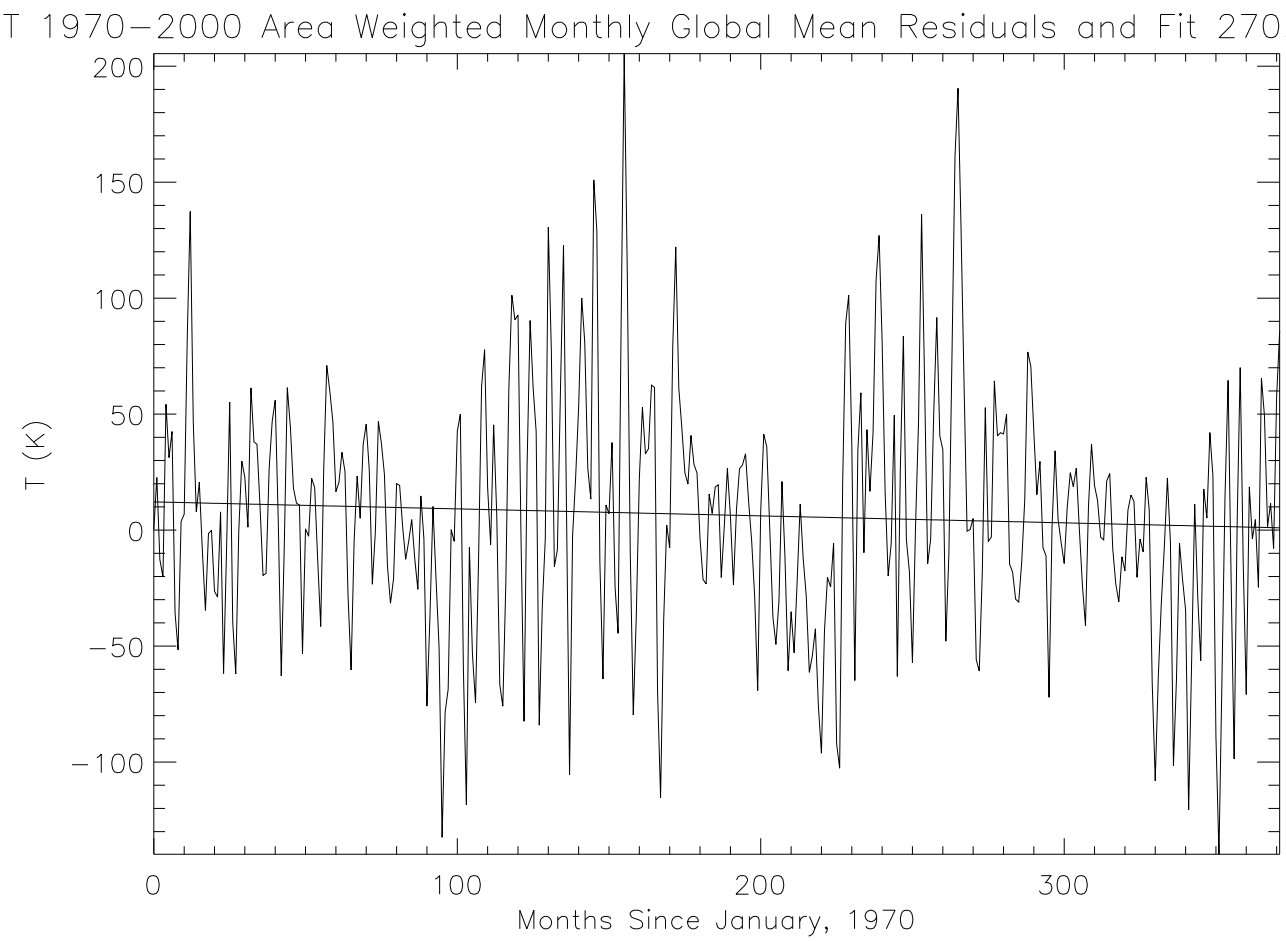

T 1955−2005 Area Weighted Monthly Global Mean Residuals and Fit 275.000 km
200
100
0
−100
T (K)
0
100
200
300
400
500
600
Months Since January, 1970

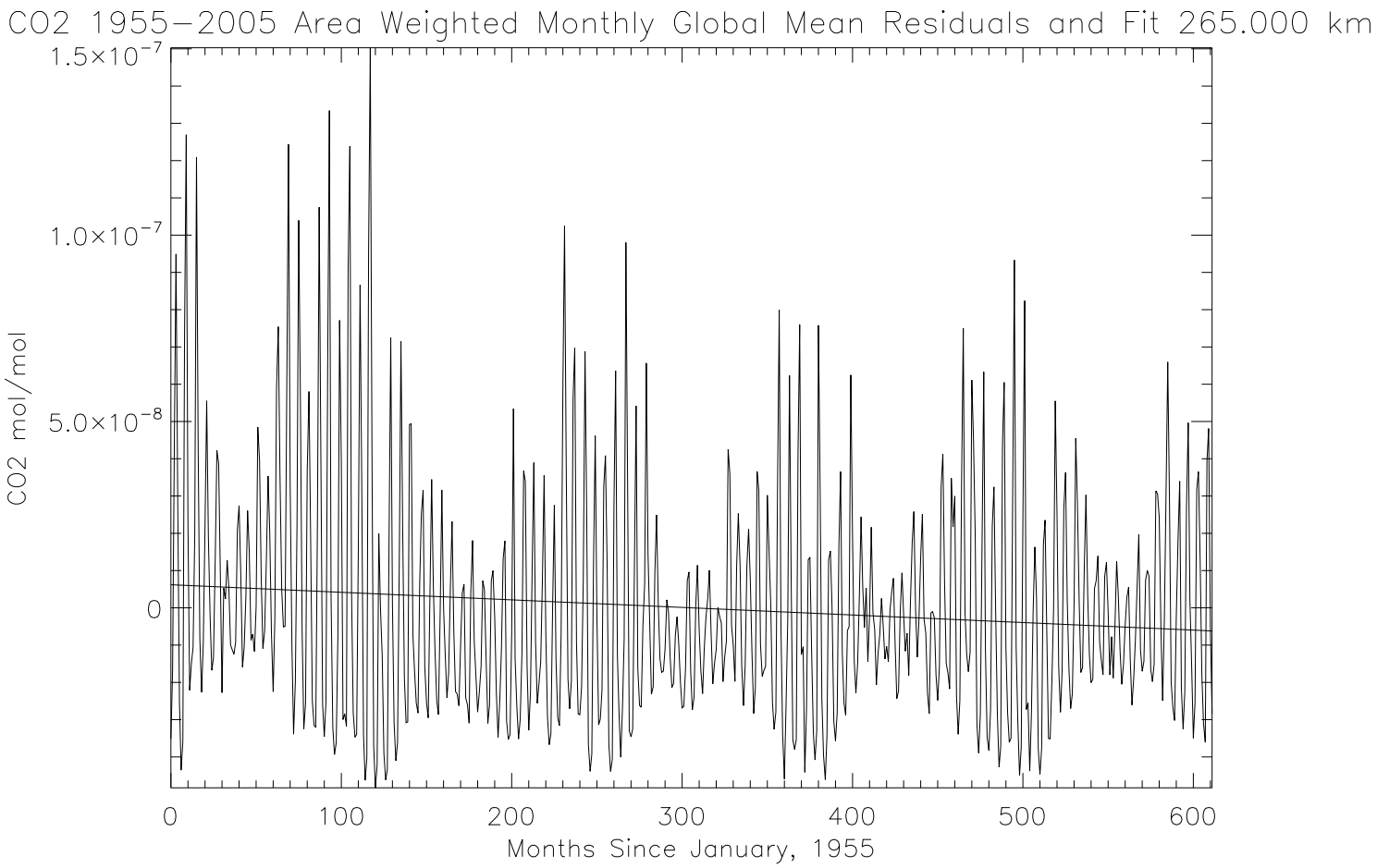

T 1970−2000 Area Weighted Monthly Global Mean Residuals and Fit 275.000 km
200
150
100
50
0
−50
−100
T (K)
0
100
200
300
Months Since January, 1970

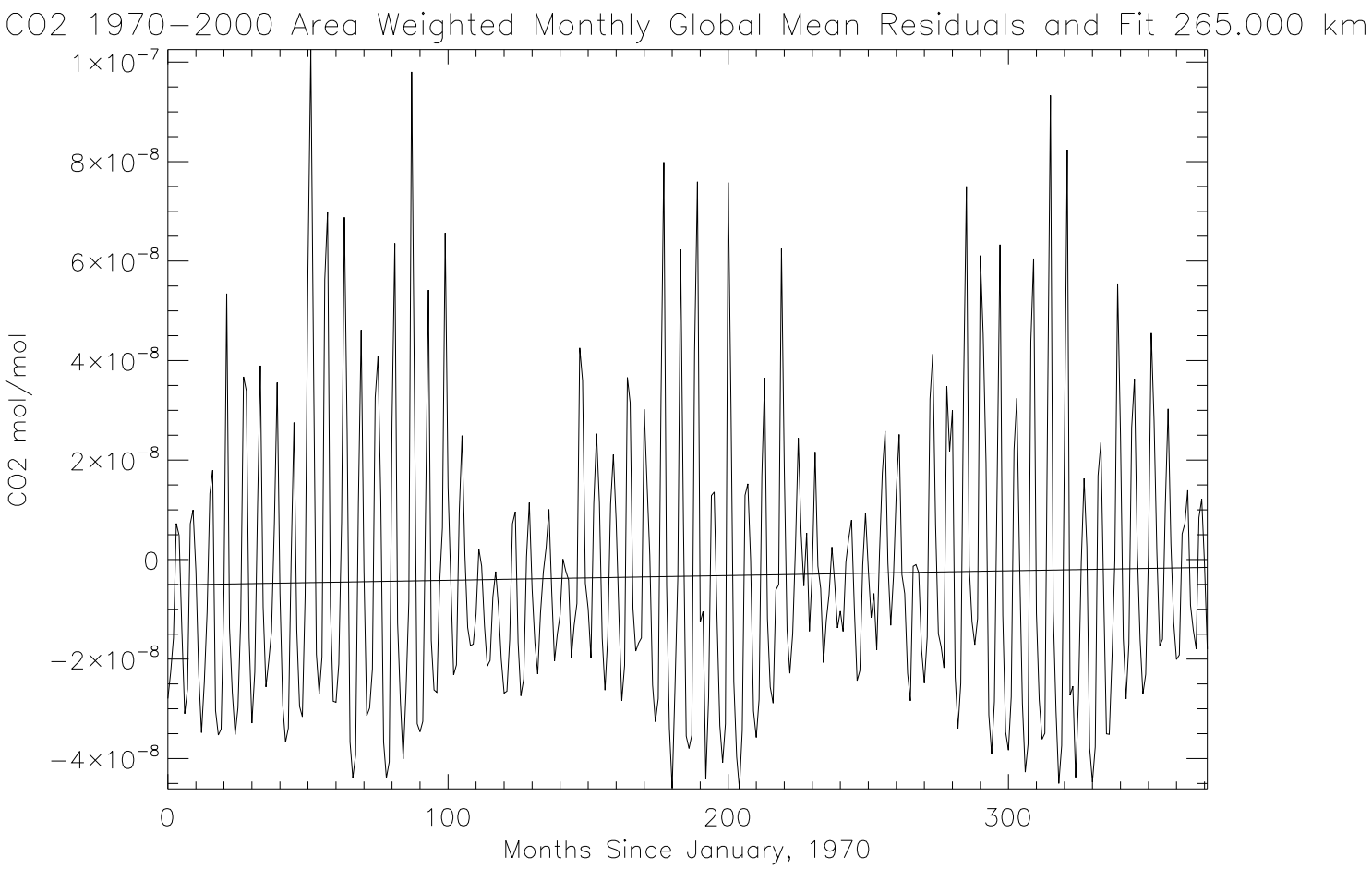

CO2 1955–2005 Area Weighted Monthly Global Mean Residuals and Fit 270.000 km
1×10⁻⁷
5×10⁻⁸
0
CO2 mol/mol
0
100
200
300
400
500
600
Months Since January, 1955

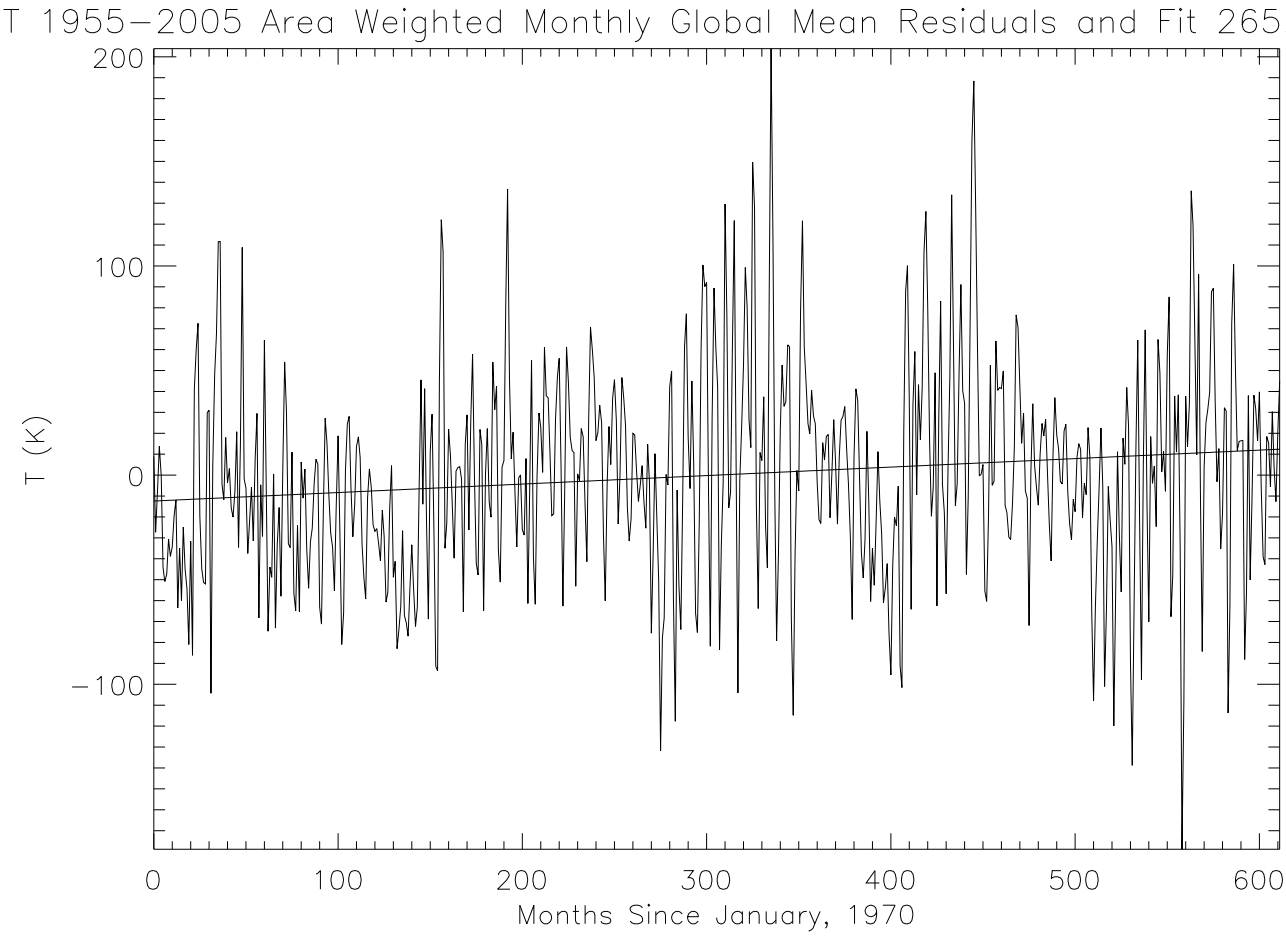

CO2 1970–2000 Area Weighted Monthly Global Mean Residuals and Fit 270.000 km
8×10⁻⁸
6×10⁻⁸
4×10⁻⁸
2×10⁻⁸
0
−2×10⁻⁸
CO2 mol/mol
0
100
200
300
Months Since January, 1970

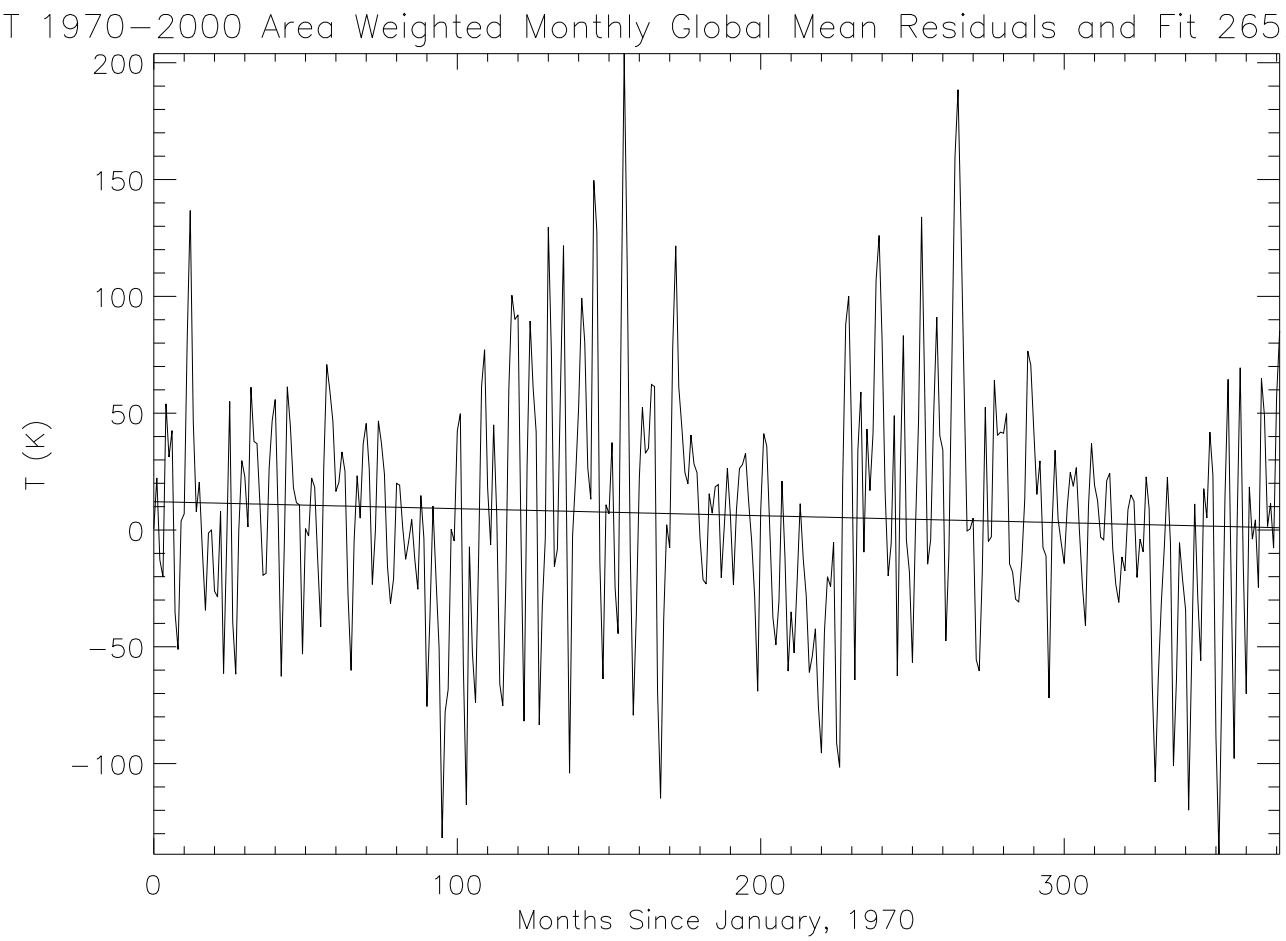

T 1955−2005 Area Weighted Monthly Global Mean Residuals and Fit 270.000 km
200
100
0
−100
T (K)
0
100
200
300
400
500
600
Months Since January, 1970

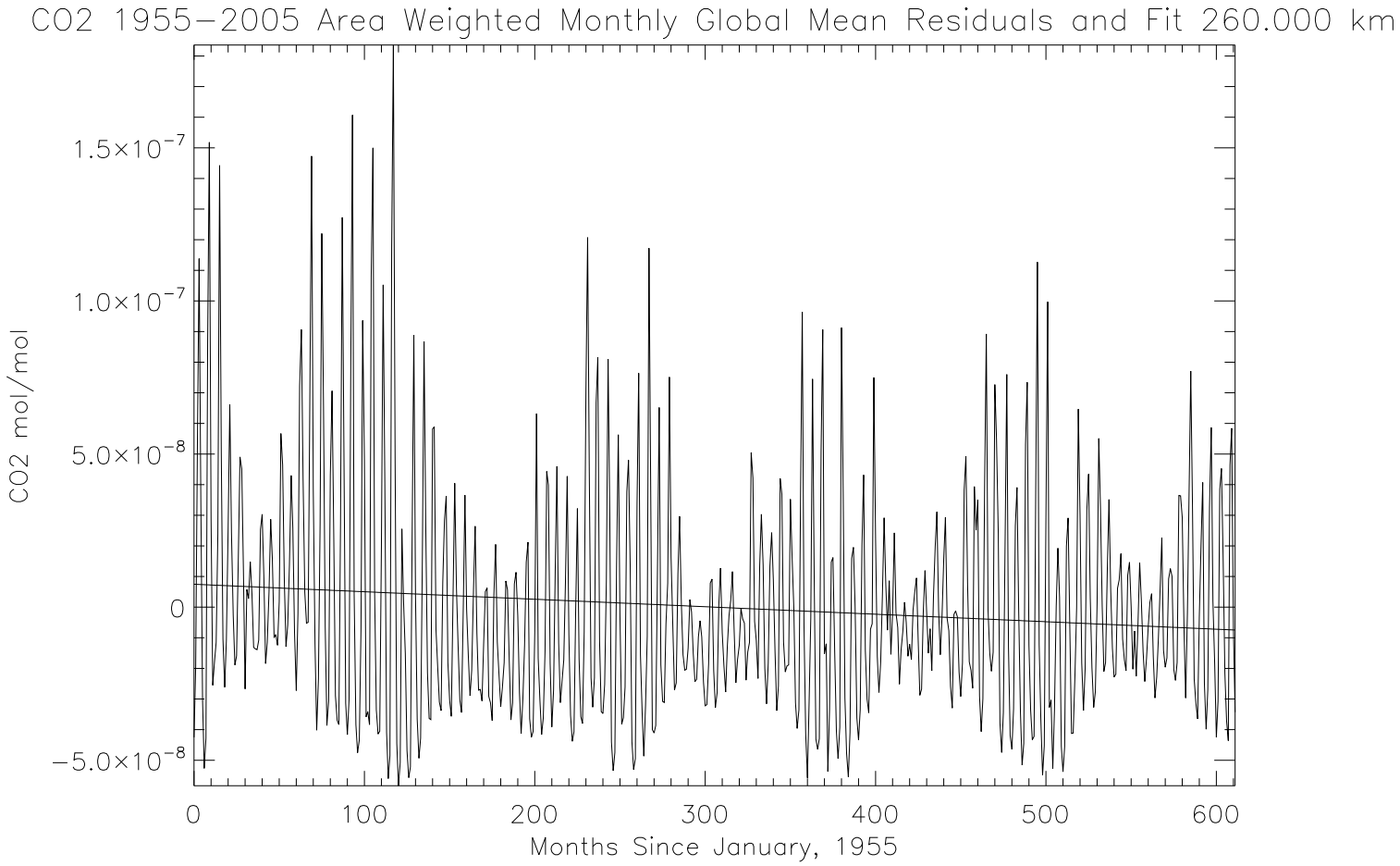

T 1970−2000 Area Weighted Monthly Global Mean Residuals and Fit 270.000 km
200
150
100
50
0
−50
−100
T (K)
0
100
200
300
Months Since January, 1970

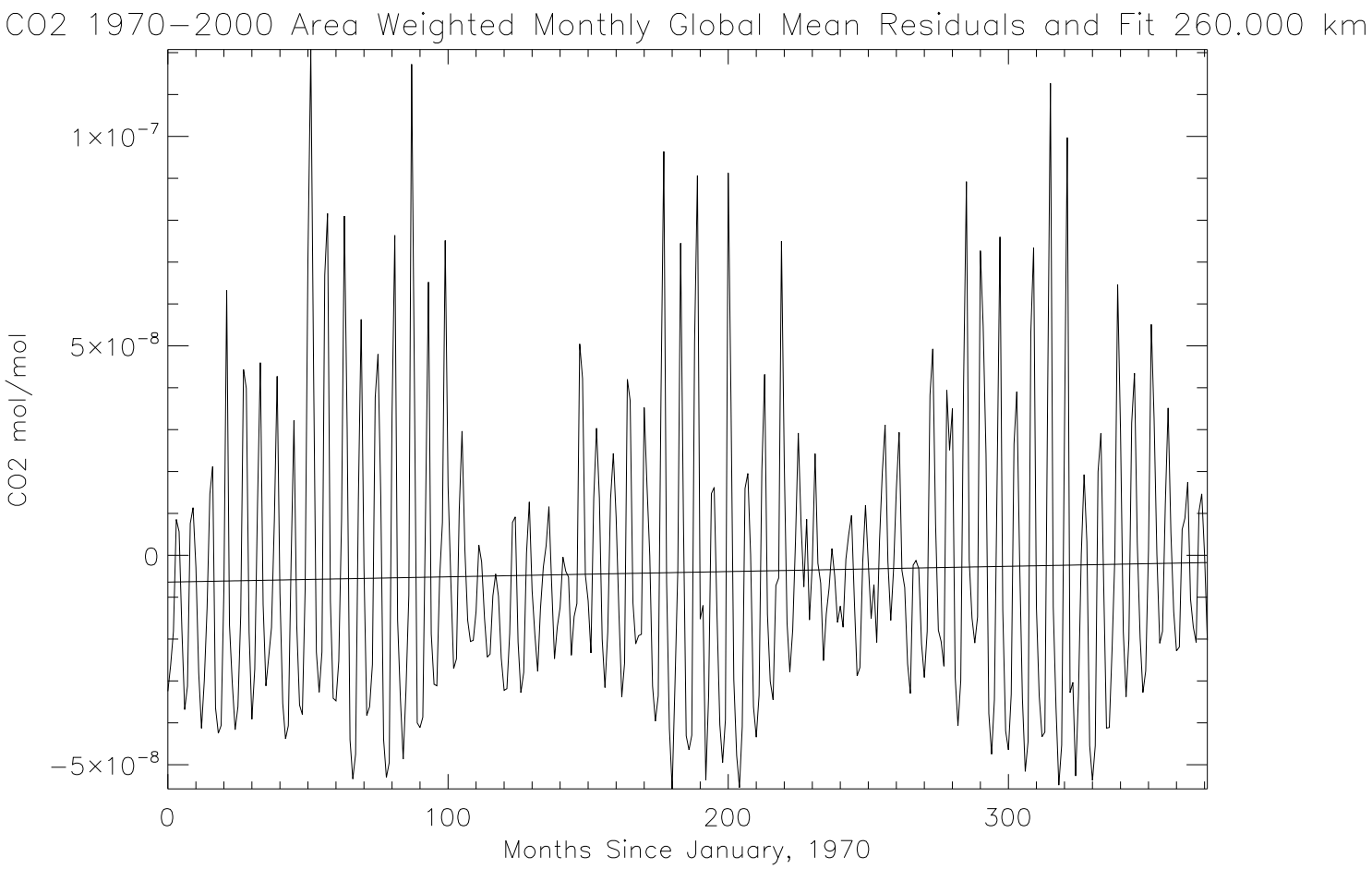

CO2 1955–2005 Area Weighted Monthly Global Mean Residuals and Fit 265.000 km
1.5×10⁻⁷
1.0×10⁻⁷
5.0×10⁻⁸
0
CO2 mol/mol
0
100
200
300
400
500
600
Months Since January, 1955

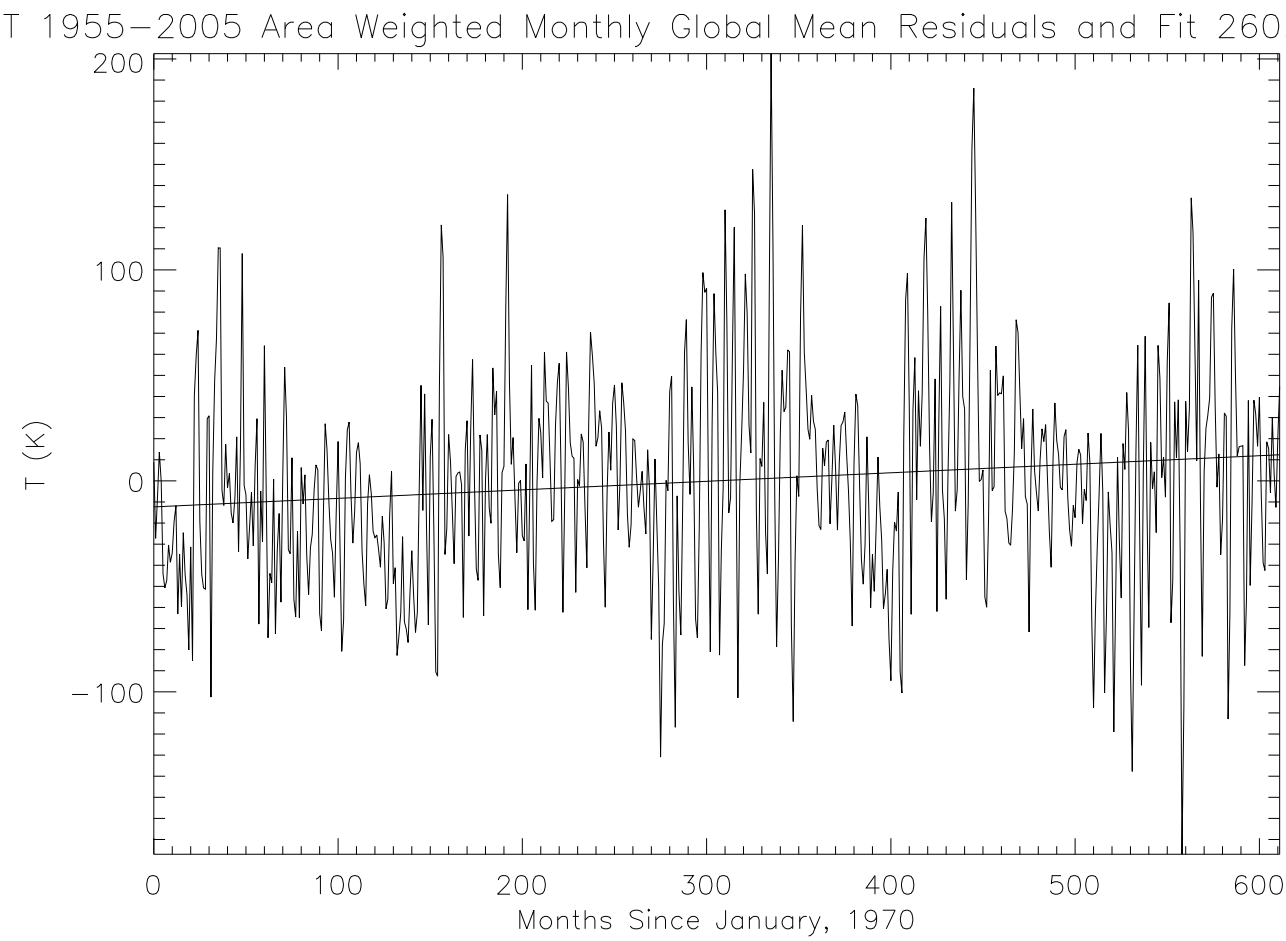

CO2 1970−2000 Area Weighted Monthly Global Mean Residuals and Fit 265.000 km
1×10−7
8×10−8
6×10−8
4×10−8
2×10−8
0
−2×10−8
−4×10−8
CO2 mol/mol
0
100
200
300
Months Since January, 1970

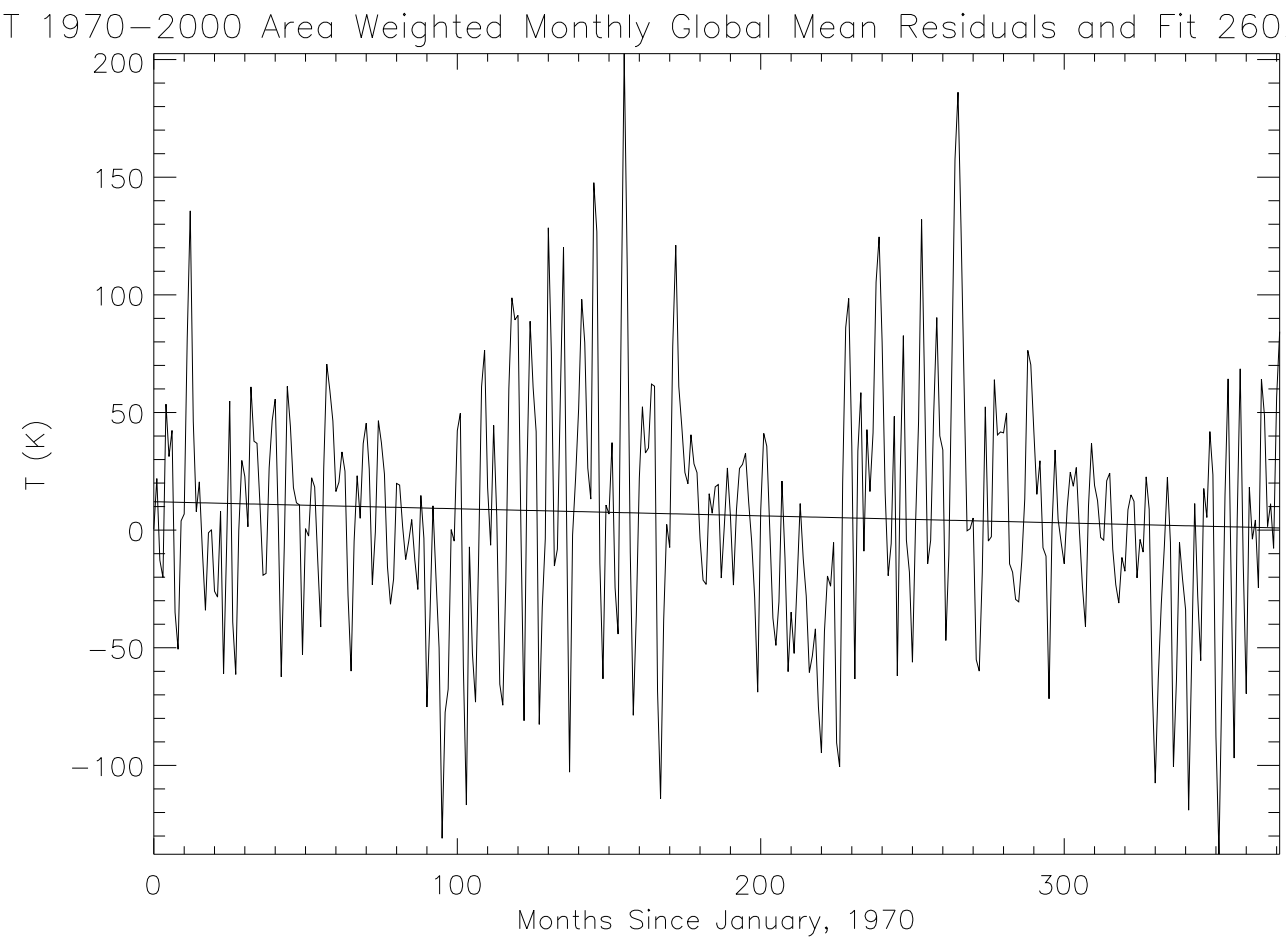

T 1955−2005 Area Weighted Monthly Global Mean Residuals and Fit 265.000 km
200
100
0
−100
T (K)
0
100
200
300
400
500
600
Months Since January, 1970

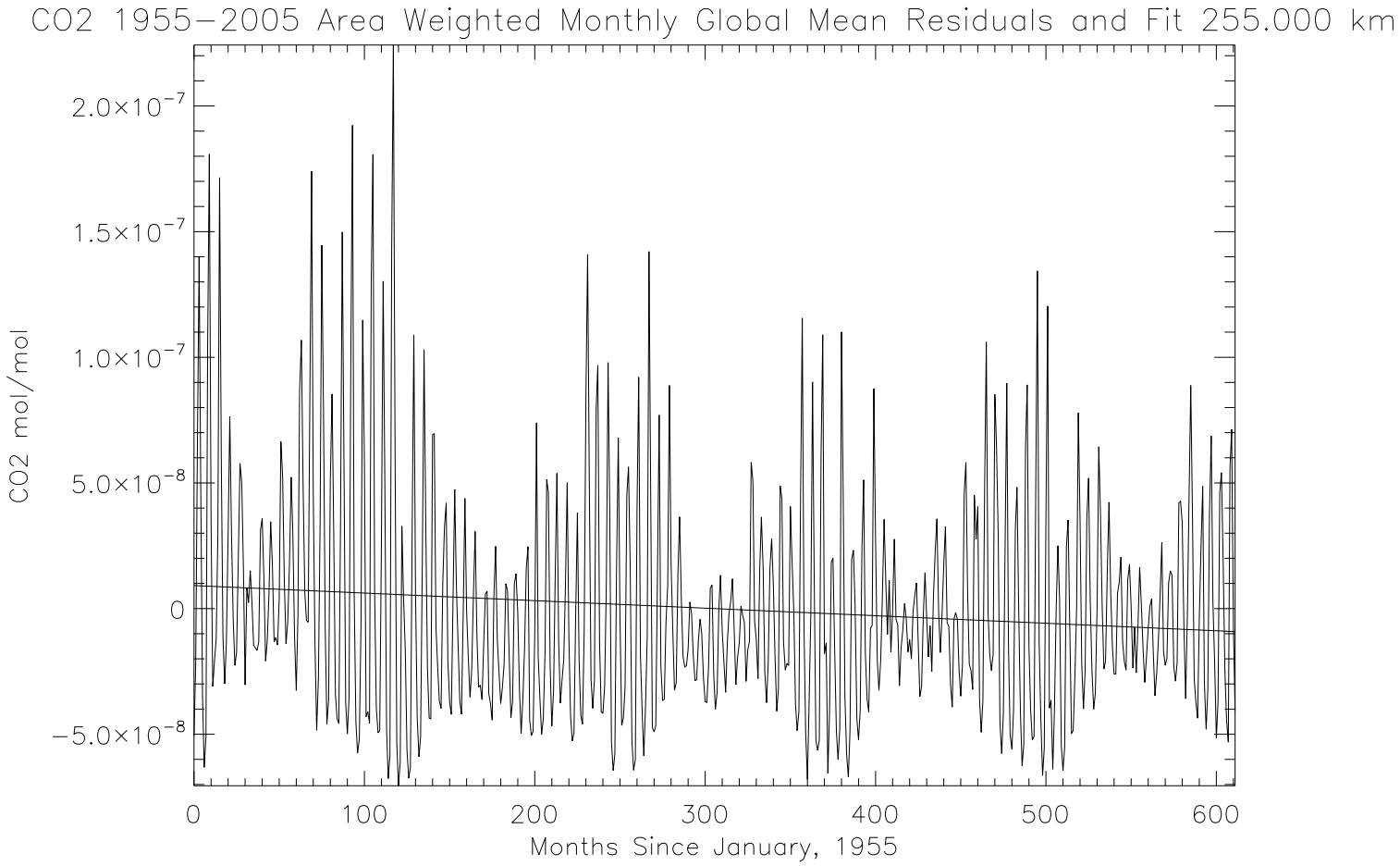

T 1970−2000 Area Weighted Monthly Global Mean Residuals and Fit 265.000 km
200
150
100
50
0
−50
−100
T (K)
0
100
200
300
Months Since January, 1970

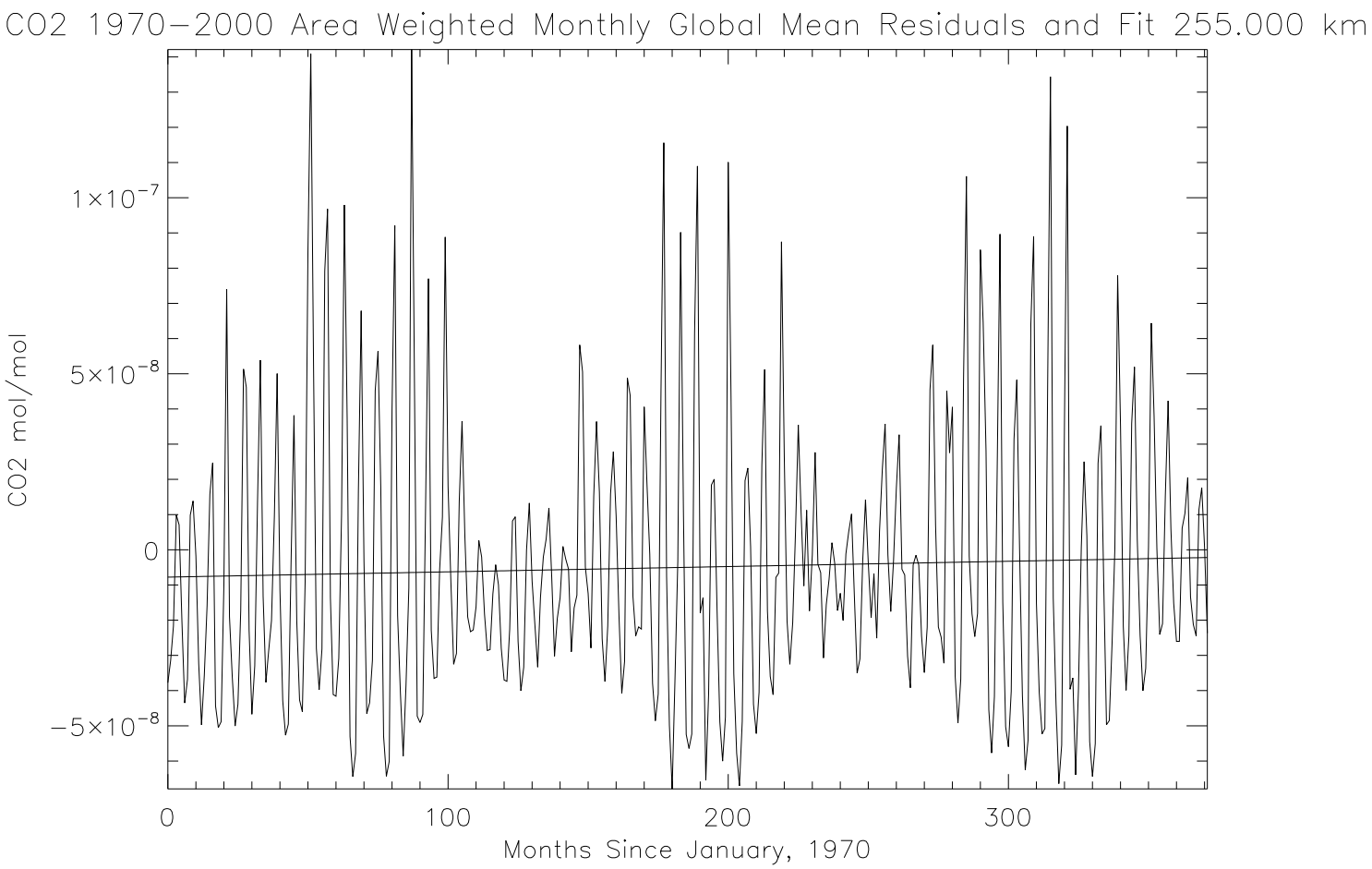

CO2 1955−2005 Area Weighted Monthly Global Mean Residuals and Fit 260.000 km
1.5×10−7
1.0×10−7
5.0×10−8
0
−5.0×10−8
CO2 mol/mol
0
100
200
300
400
500
600
Months Since January, 1955

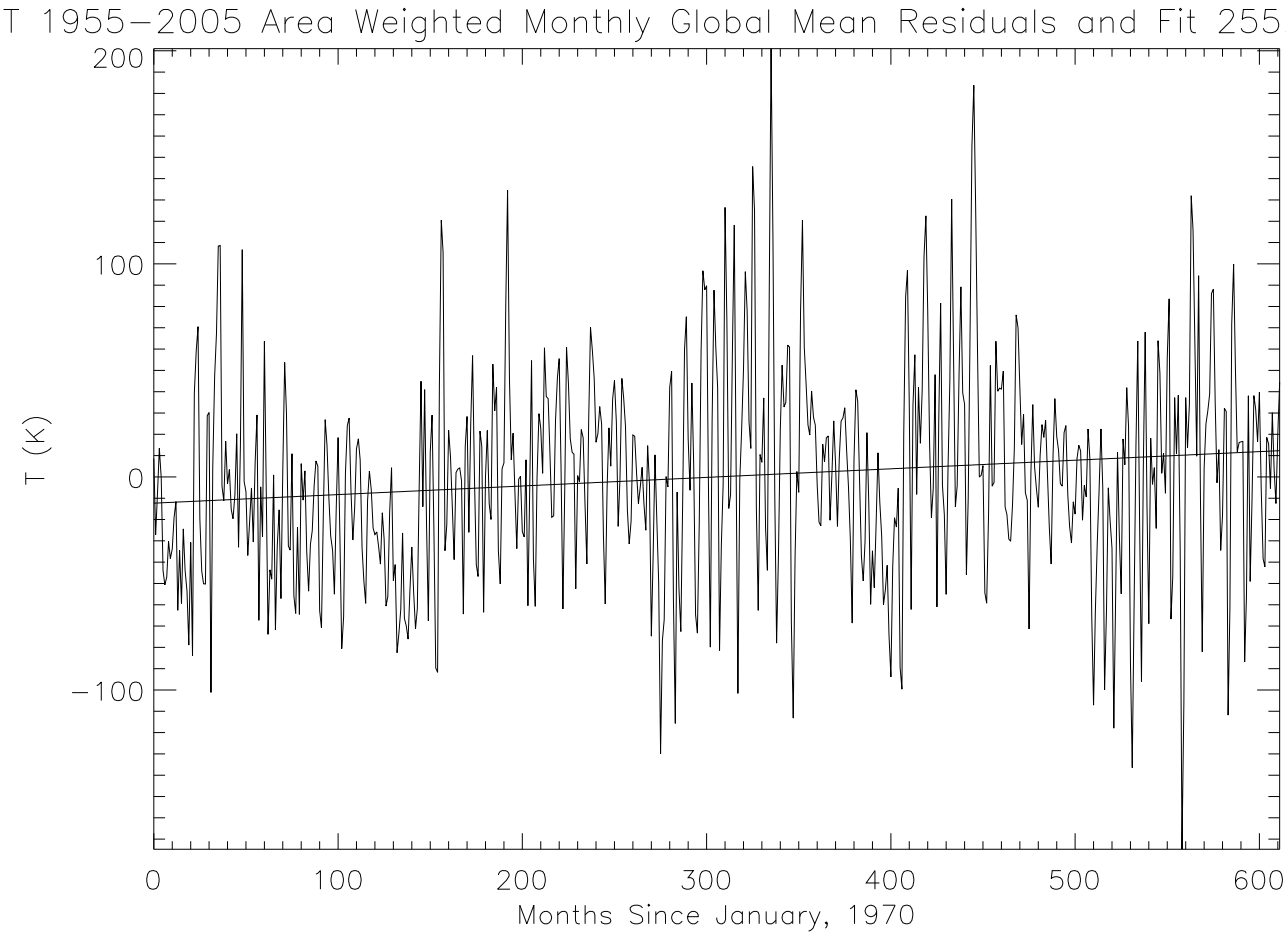

CO2 1970−2000 Area Weighted Monthly Global Mean Residuals and Fit 260.000 km
1×10−7
5×10−8
0
−5×10−8
CO2 mol/mol
0
100
200
300
Months Since January, 1970

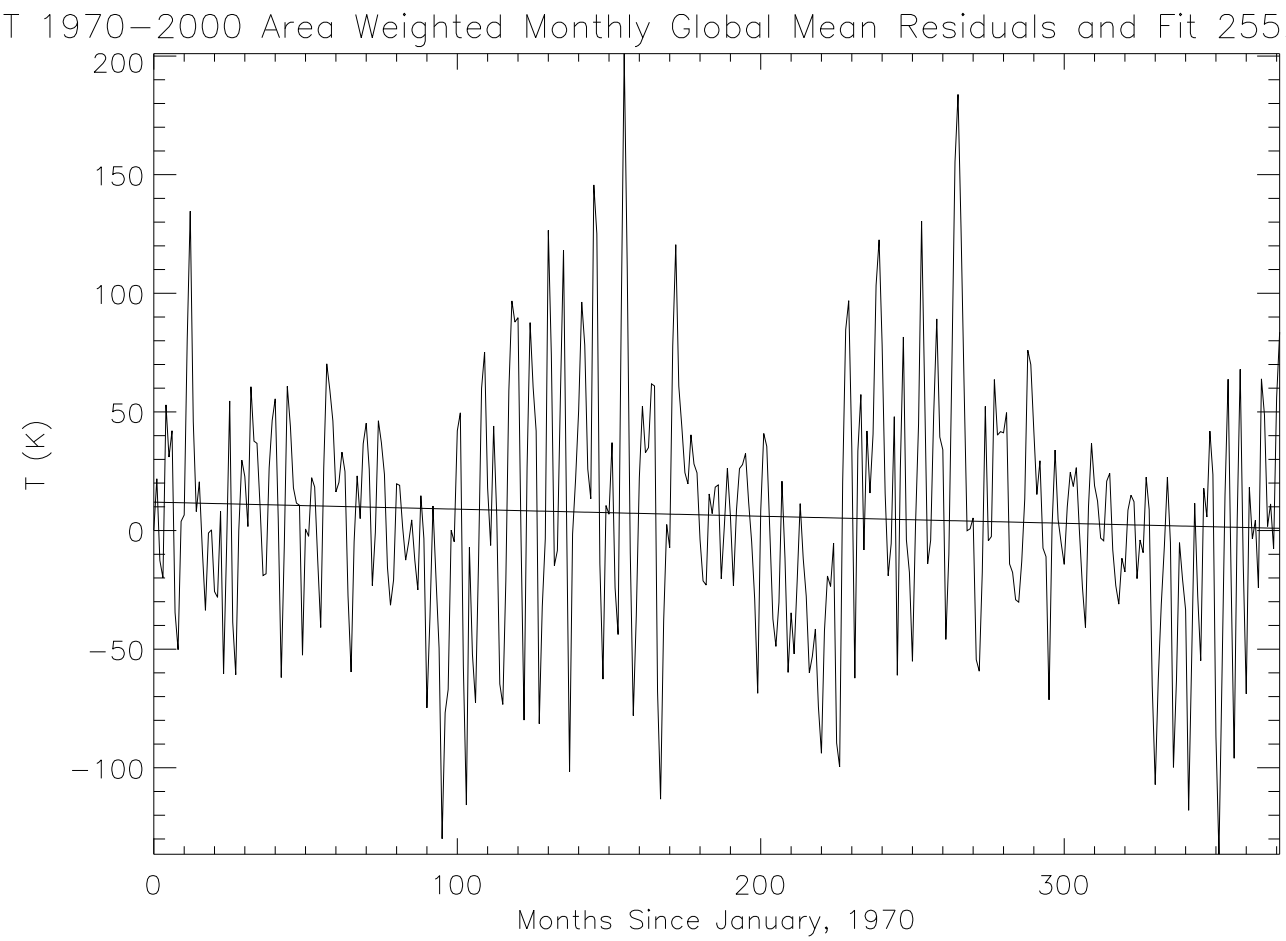

T 1955−2005 Area Weighted Monthly Global Mean Residuals and Fit 260.000 km
200
100
0
−100
T (K)
0
100
200
300
400
500
600
Months Since January, 1970

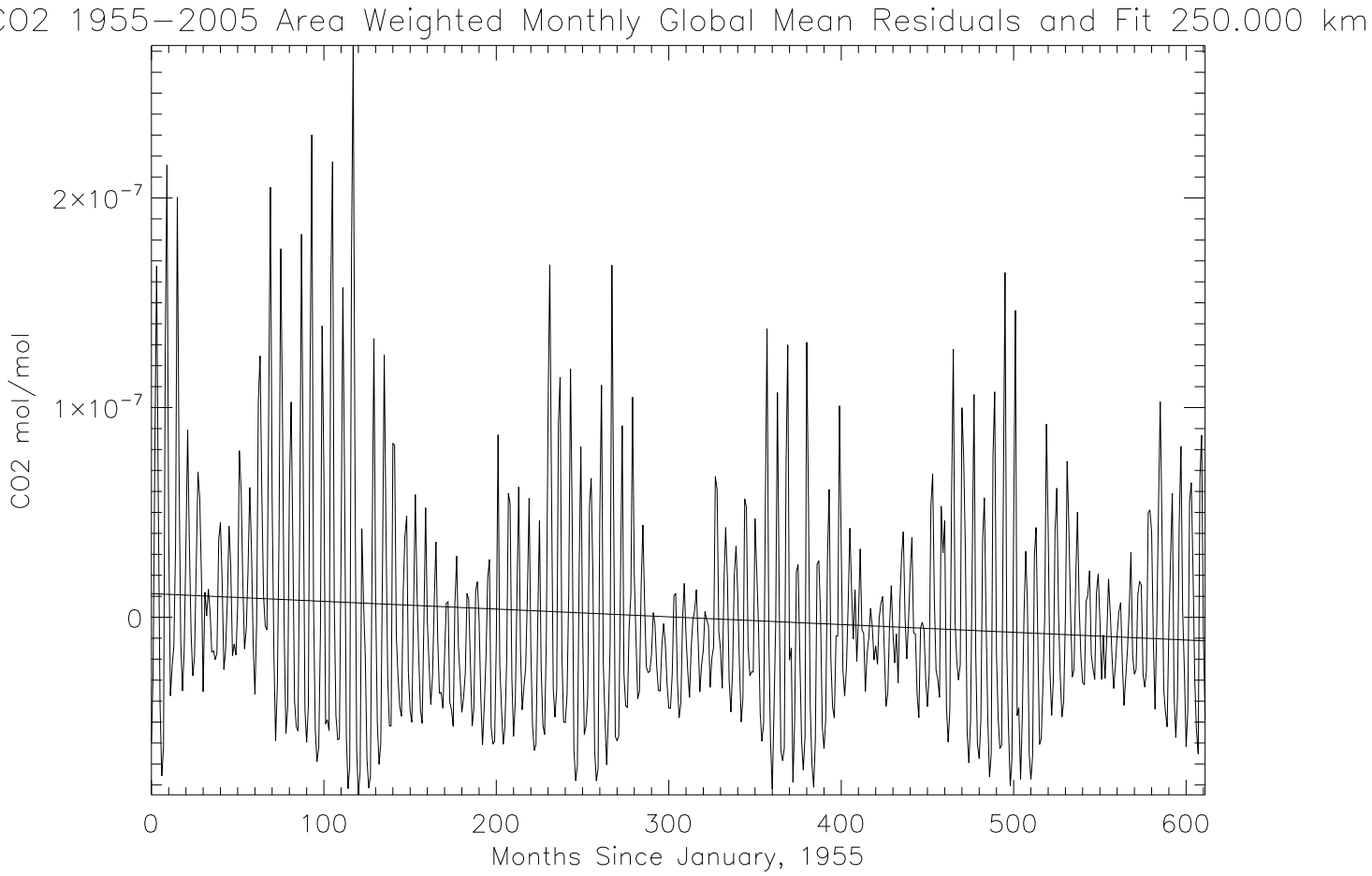

T 1970−2000 Area Weighted Monthly Global Mean Residuals and Fit 260.000 km
200
150
100
50
0
−50
−100
T (K)
0
100
200
300
Months Since January, 1970

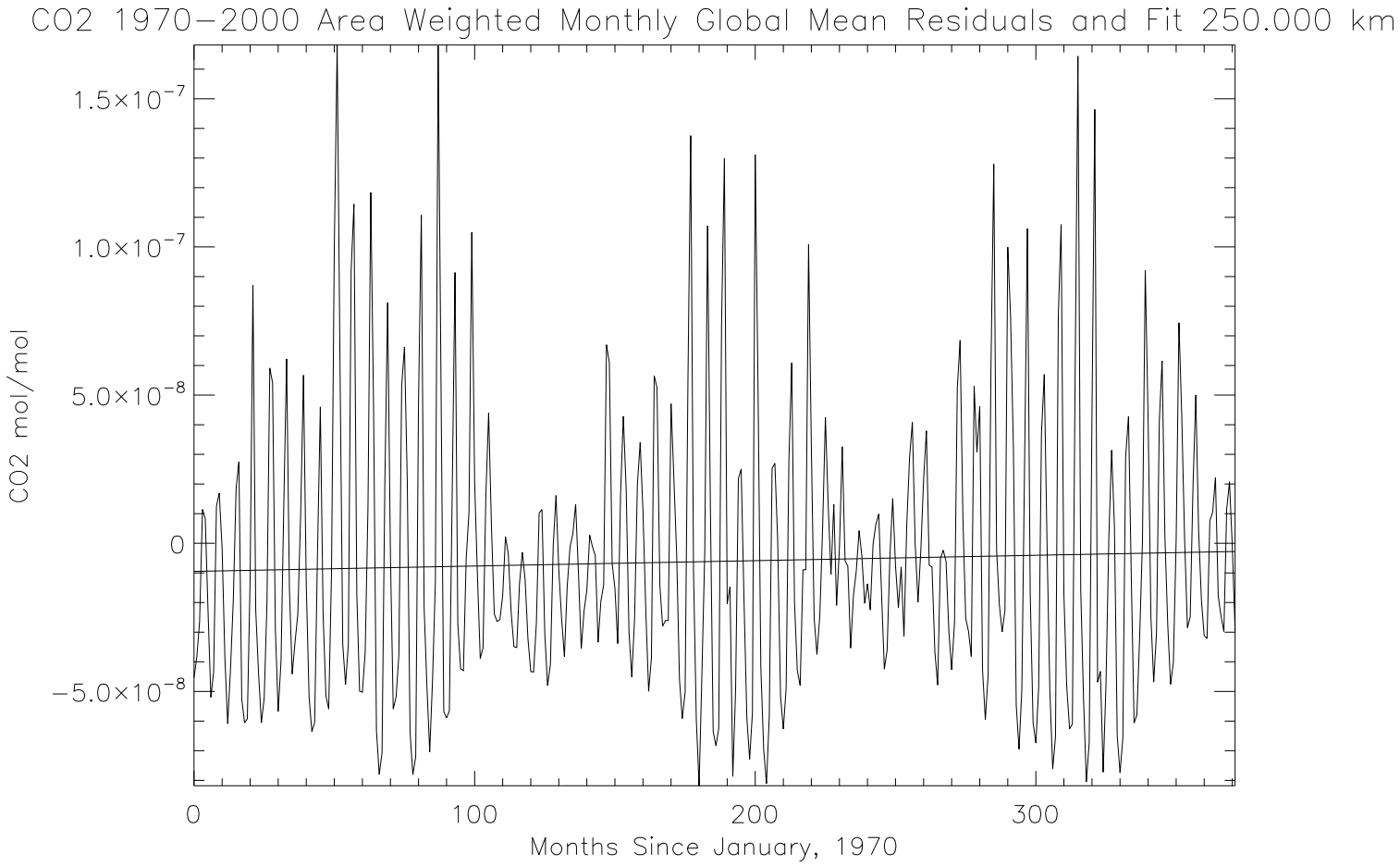

CO2 1955–2005 Area Weighted Monthly Global Mean Residuals and Fit 255.000 km
2.0×10⁻⁷
1.5×10⁻⁷
1.0×10⁻⁷
5.0×10⁻⁸
0
−5.0×10⁻⁸
CO2 mol/mol
0
100
200
300
400
500
600
Months Since January, 1955

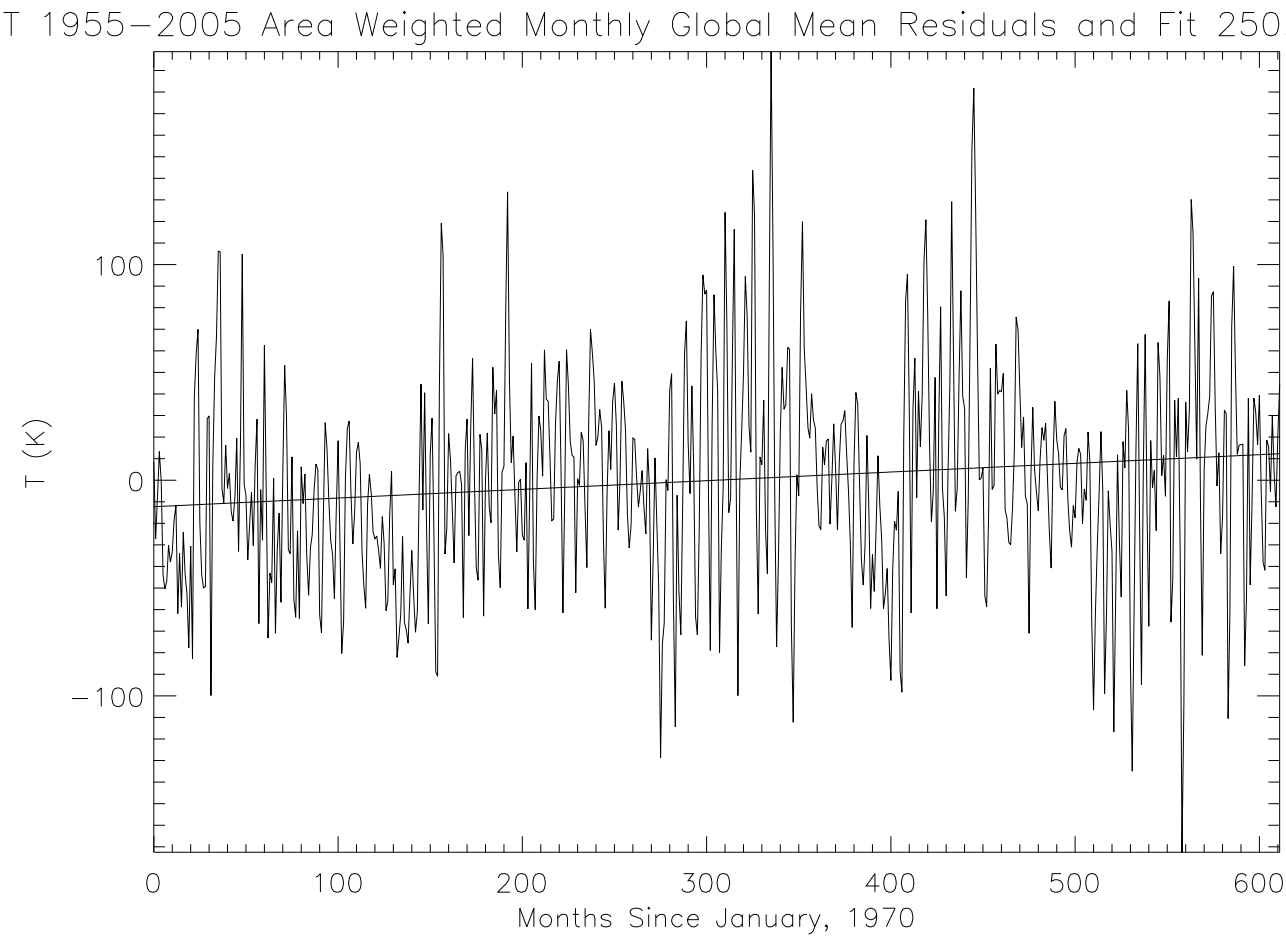

CO2 1970−2000 Area Weighted Monthly Global Mean Residuals and Fit 255.000 km
1×10−7
5×10−8
0
−5×10−8
CO2 mol/mol
0
100
200
300
Months Since January, 1970

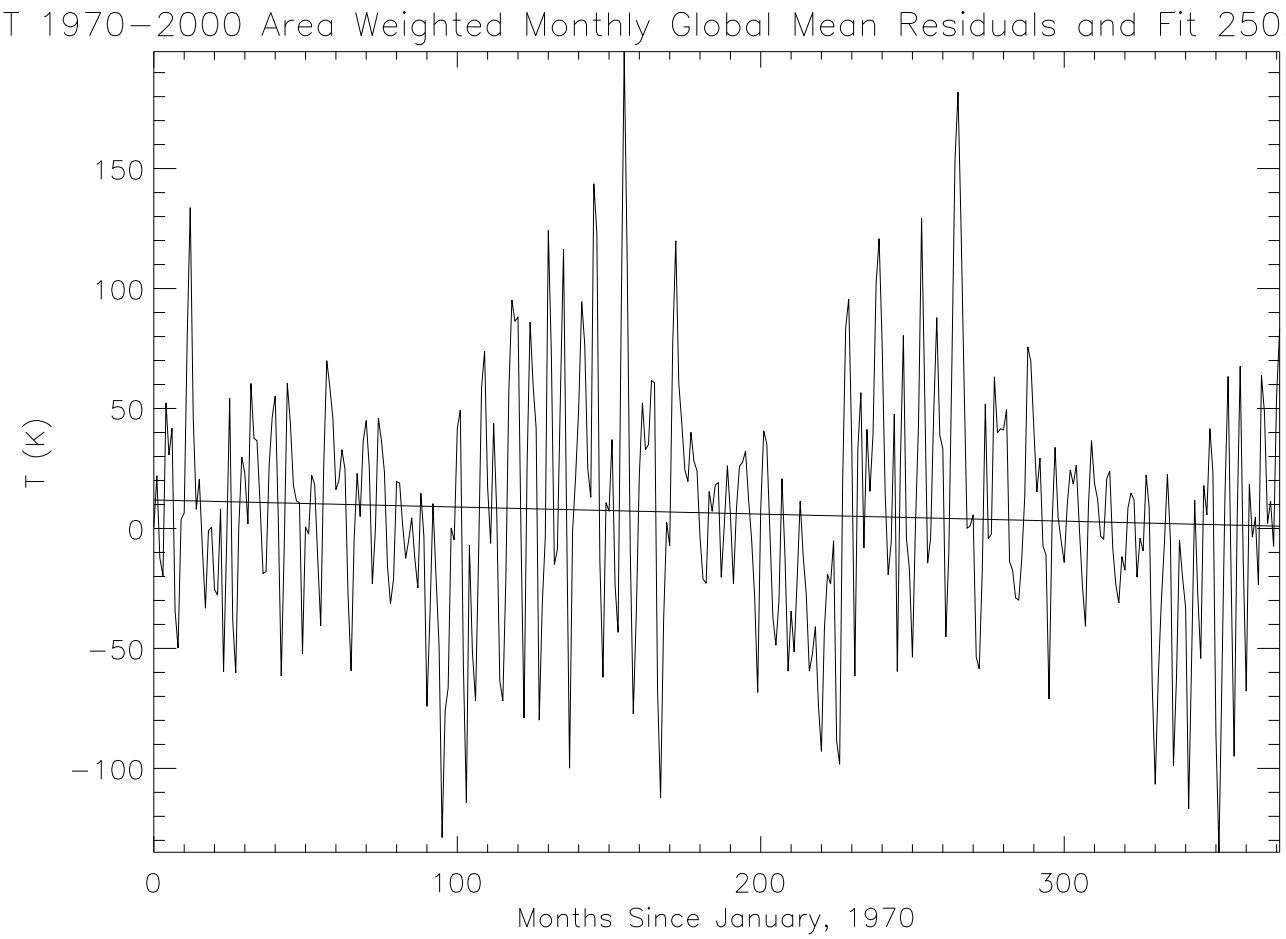

T 1955−2005 Area Weighted Monthly Global Mean Residuals and Fit 255.000 km
200
100
0
−100
T (K)
0
100
200
300
400
500
600
Months Since January, 1970

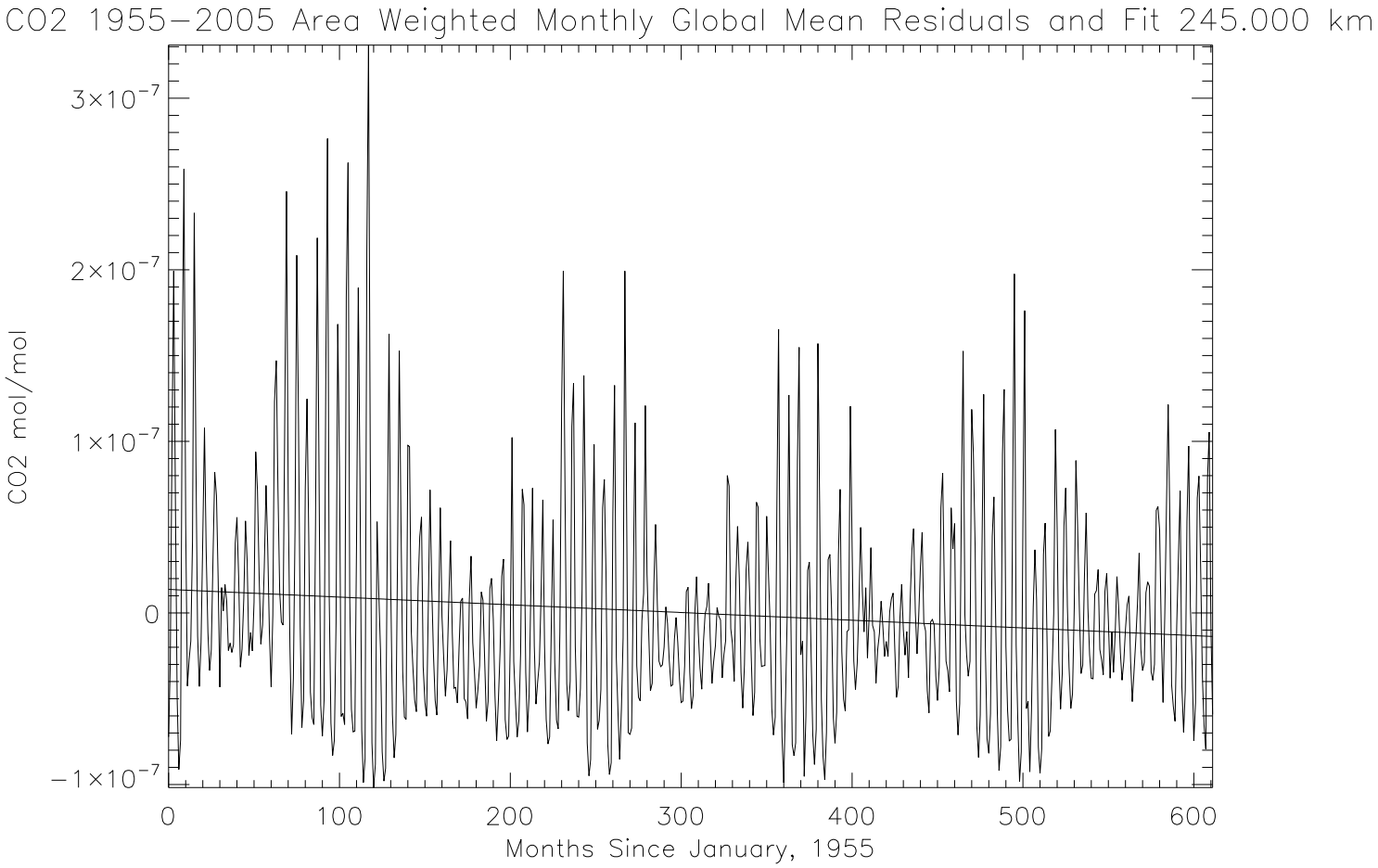

T 1970−2000 Area Weighted Monthly Global Mean Residuals and Fit 255.000 km
200
150
100
50
0
−50
−100
T (K)
0
100
200
300
Months Since January, 1970

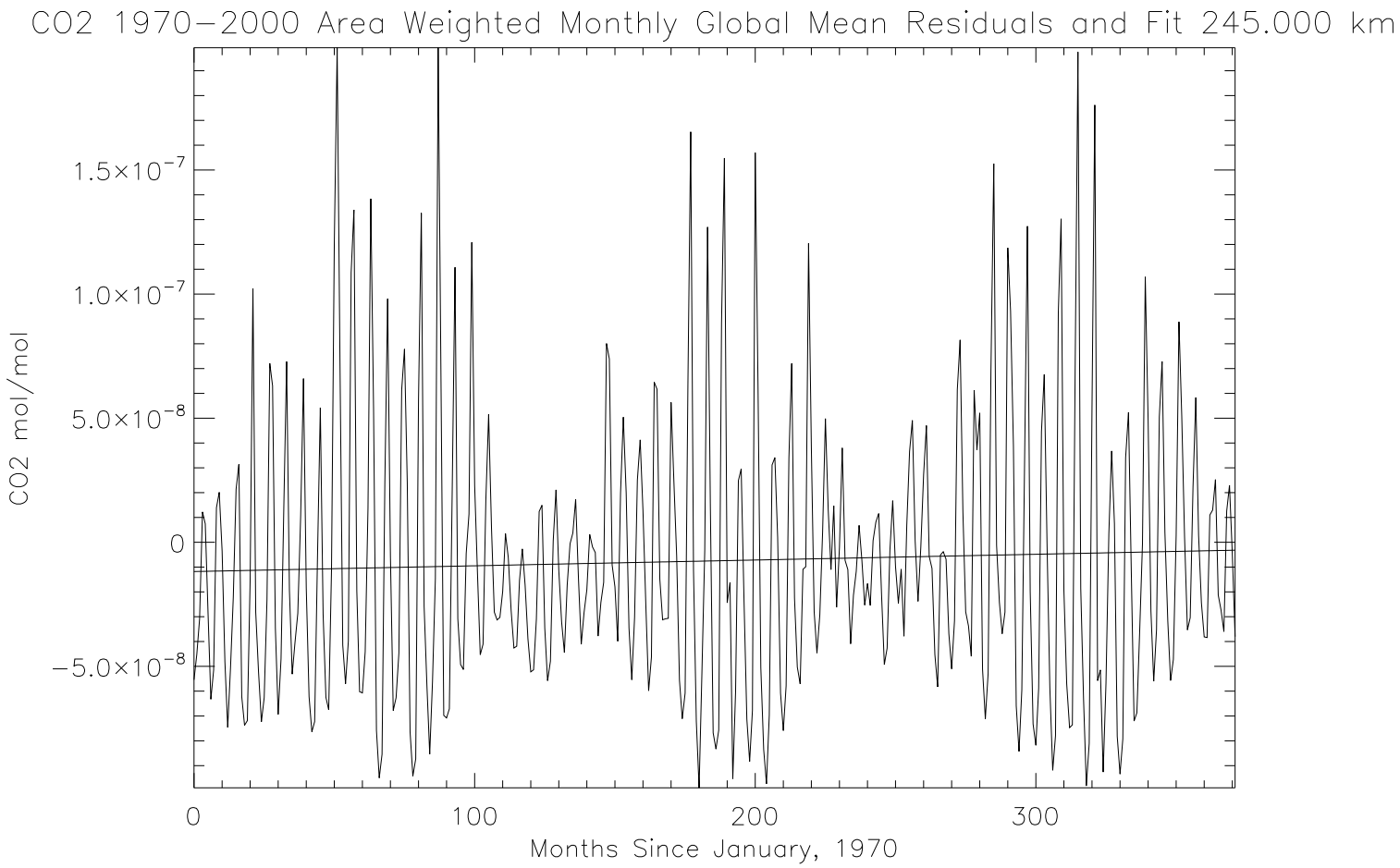

CO2 1955–2005 Area Weighted Monthly Global Mean Residuals and Fit 250.000 km
2×10⁻⁷
1×10⁻⁷
0
CO2 mol/mol
0
100
200
300
400
500
600
Months Since January, 1955

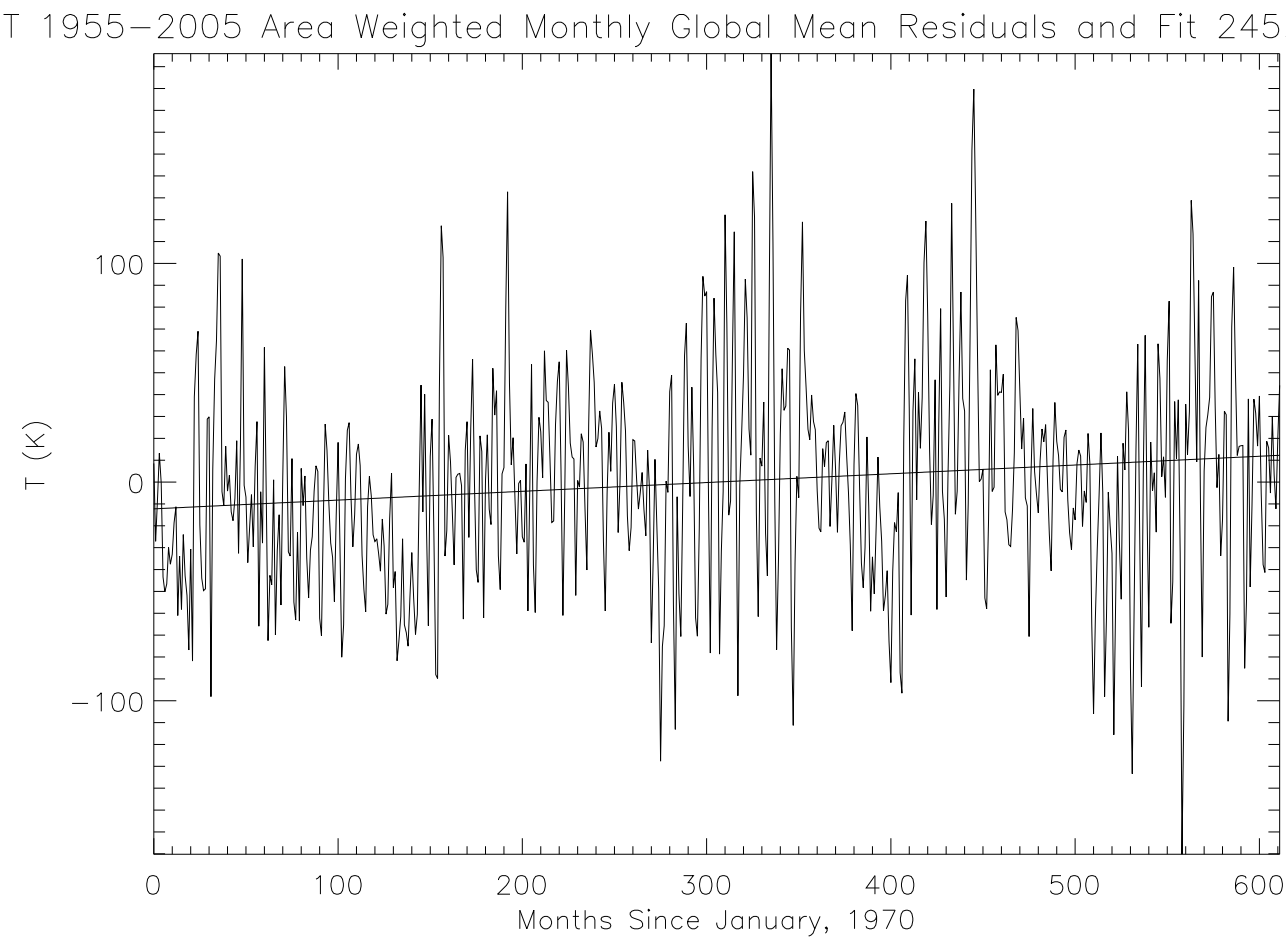

CO2 1970−2000 Area Weighted Monthly Global Mean Residuals and Fit 250.000 km
1.5×10⁻⁷
1.0×10⁻⁷
5.0×10⁻⁸
0
−5.0×10⁻⁸
CO2 mol/mol
0
100
200
300
Months Since January, 1970

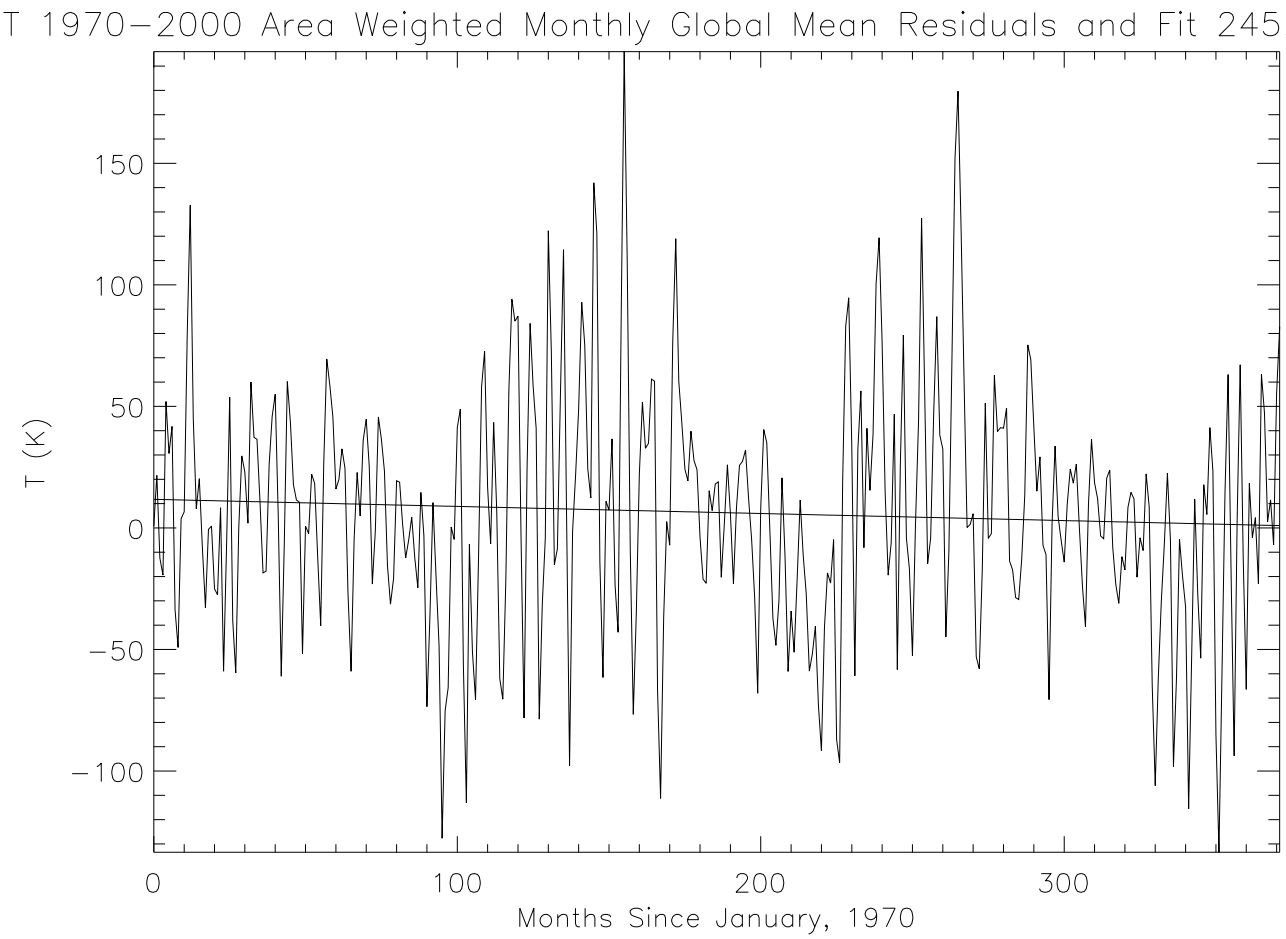

T 1955–2005 Area Weighted Monthly Global Mean Residuals and Fit 250.000 km
100
0
−100
T (K)
0
100
200
300
400
500
600
Months Since January, 1970

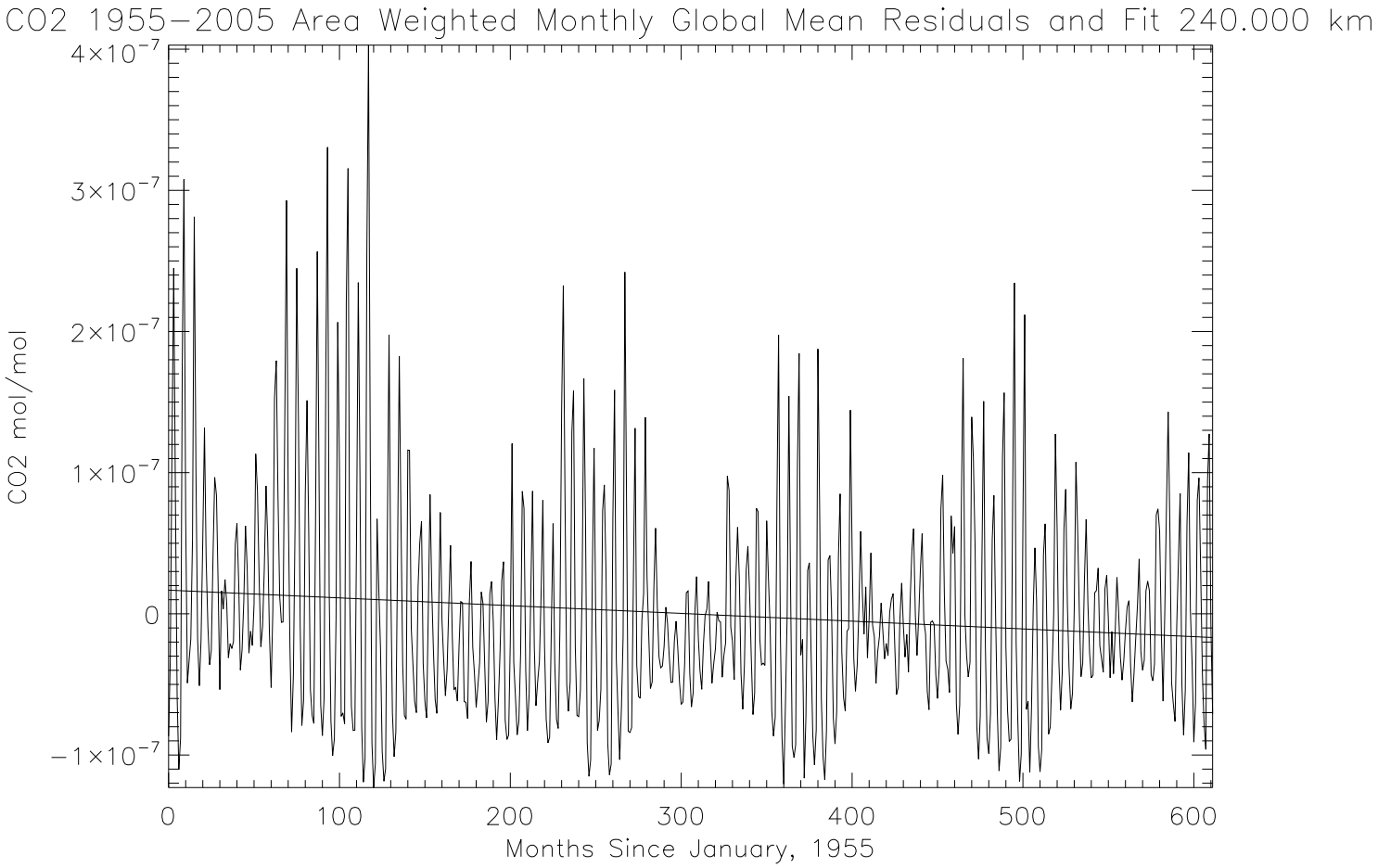

T 1970−2000 Area Weighted Monthly Global Mean Residuals and Fit 250.000 km
150
100
50
0
−50
−100
T (K)
0
100
200
300
Months Since January, 1970

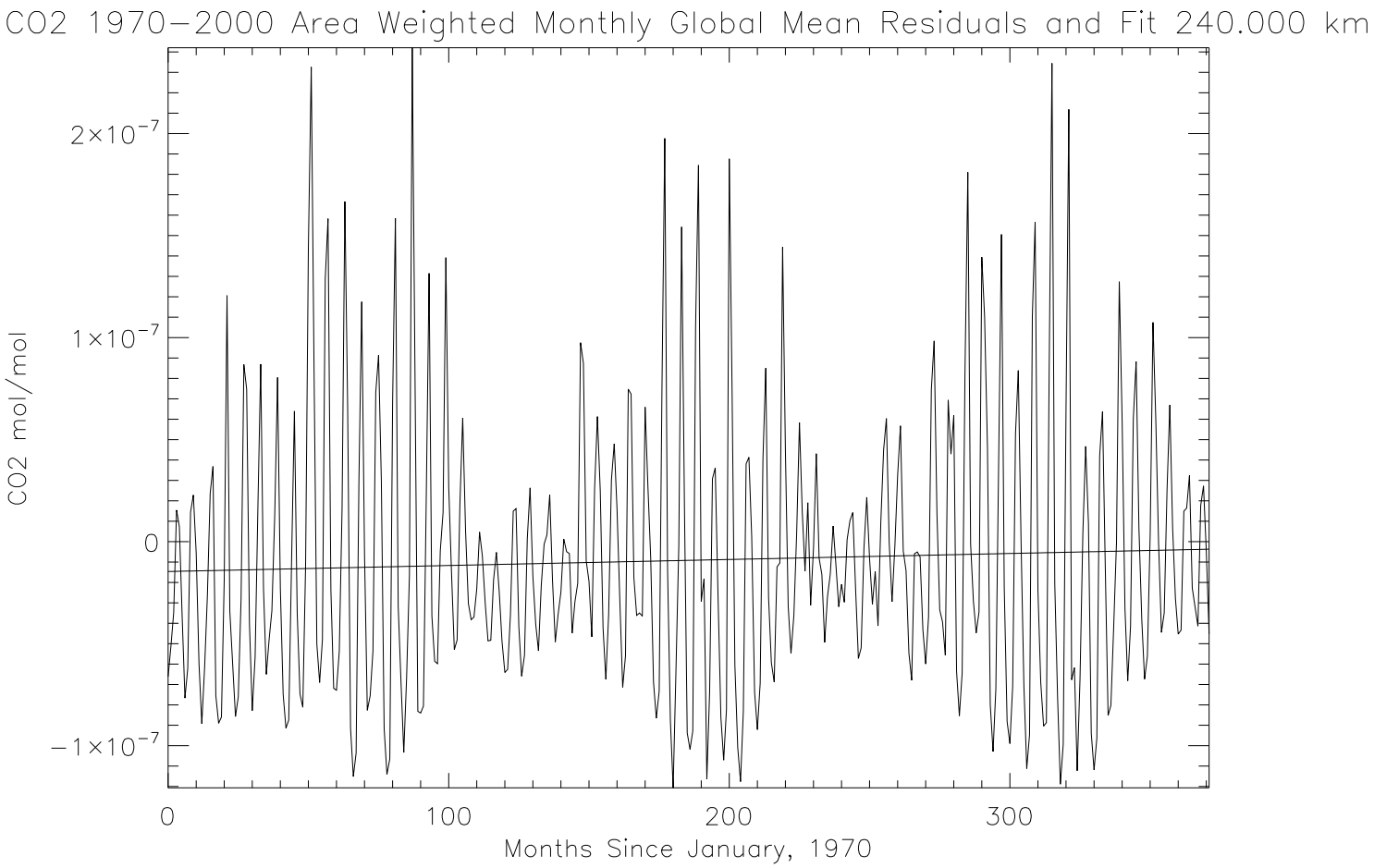

CO2 1955–2005 Area Weighted Monthly Global Mean Residuals and Fit 245.000 km
3×10⁻⁷
2×10⁻⁷
1×10⁻⁷
0
−1×10⁻⁷
CO2 mol/mol
0
100
200
300
400
500
600
Months Since January, 1955

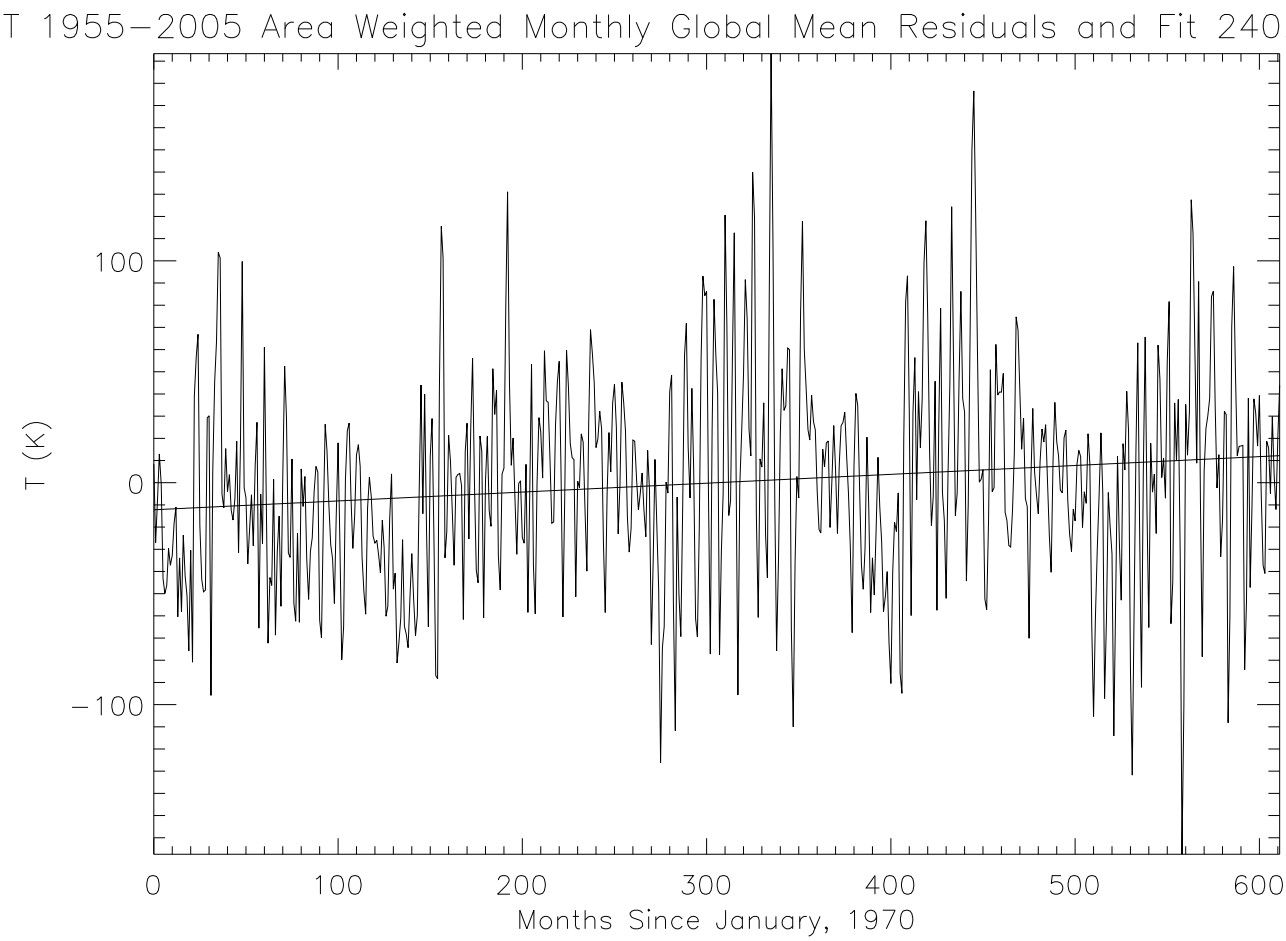

CO2 1970–2000 Area Weighted Monthly Global Mean Residuals and Fit 245.000 km
1.5×10⁻⁷
1.0×10⁻⁷
5.0×10⁻⁸
0
−5.0×10⁻⁸
CO2 mol/mol
0
100
200
300
Months Since January, 1970

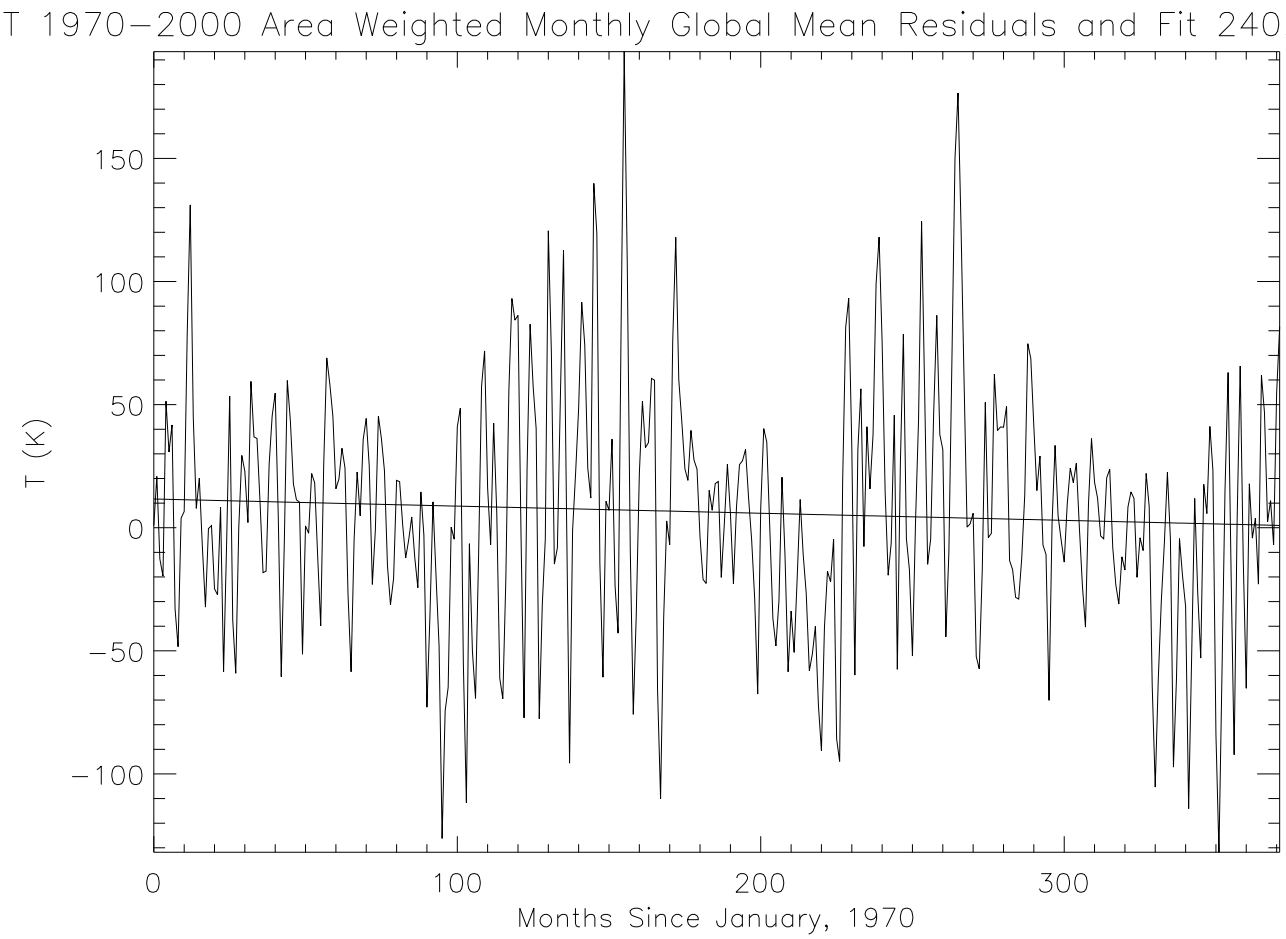

T 1955−2005 Area Weighted Monthly Global Mean Residuals and Fit 245.000 km
100
0
−100
T (K)
0
100
200
300
400
500
600
Months Since January, 1970

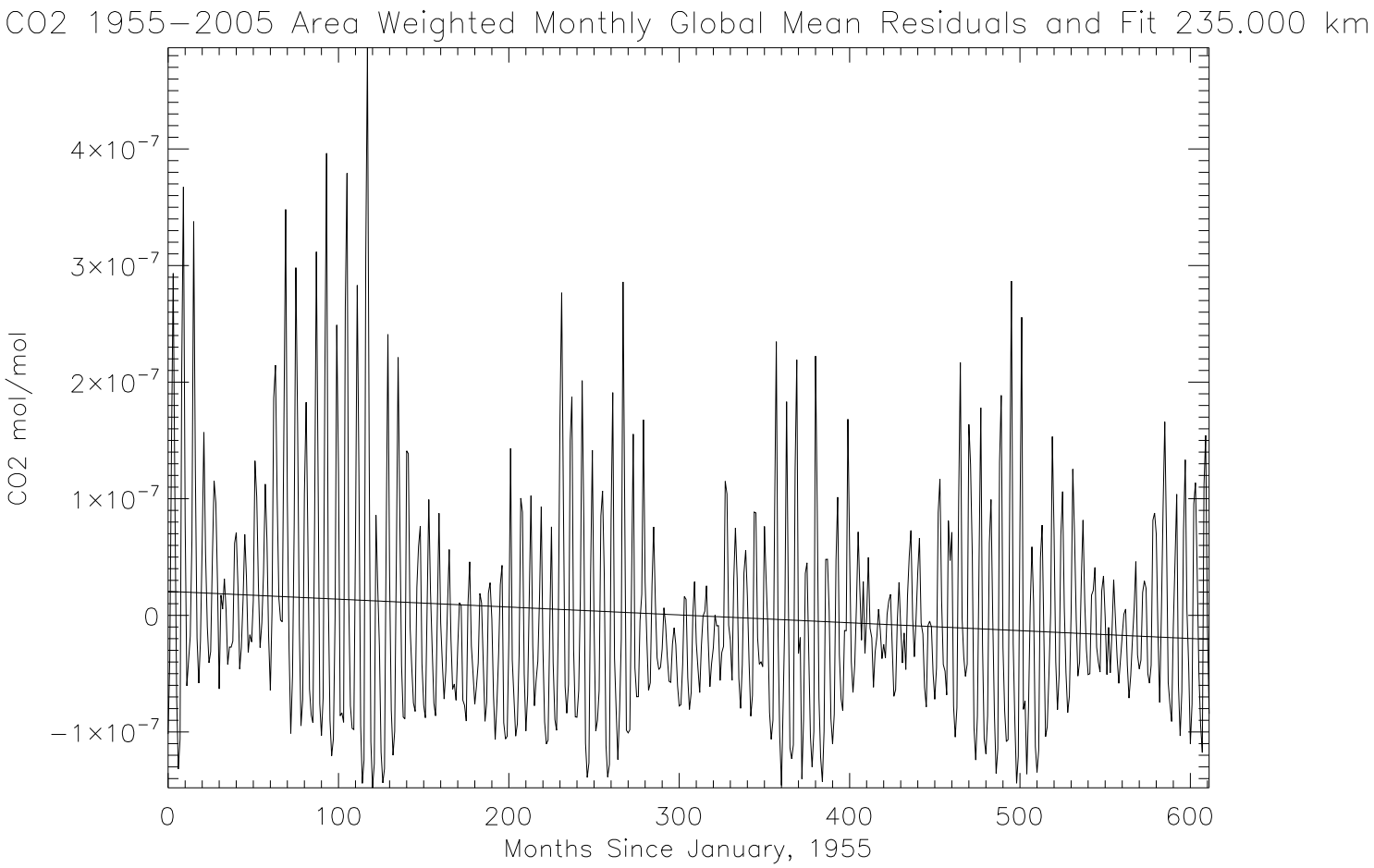

T 1970−2000 Area Weighted Monthly Global Mean Residuals and Fit 245.000 km
150
100
50
0
−50
−100
T (K)
0
100
200
300
Months Since January, 1970

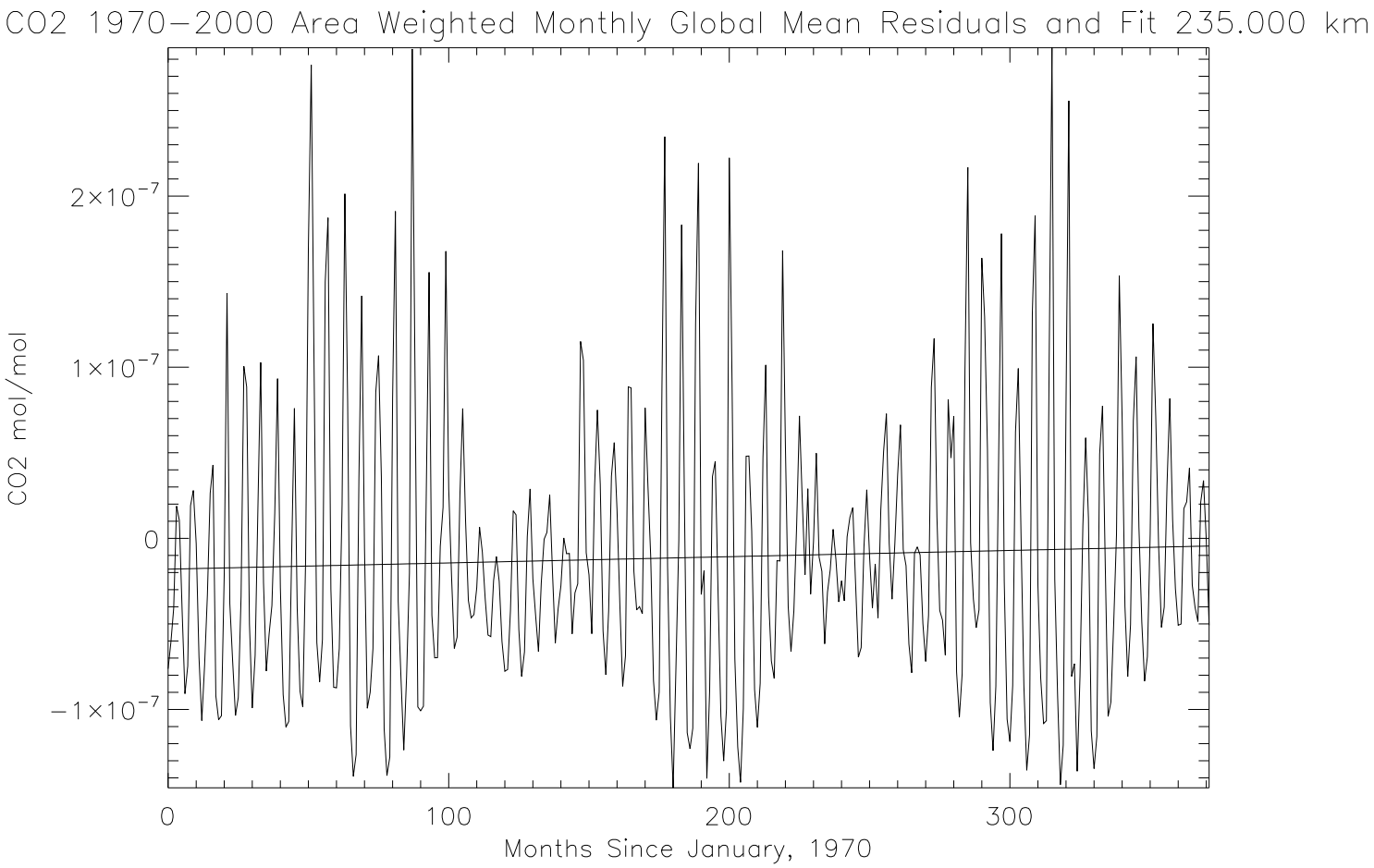

CO2 1955−2005 Area Weighted Monthly Global Mean Residuals and Fit 240.000 km
4×10⁻⁷
3×10⁻⁷
2×10⁻⁷
1×10⁻⁷
0
−1×10⁻⁷
CO2 mol/mol
0
100
200
300
400
500
600
Months Since January, 1955

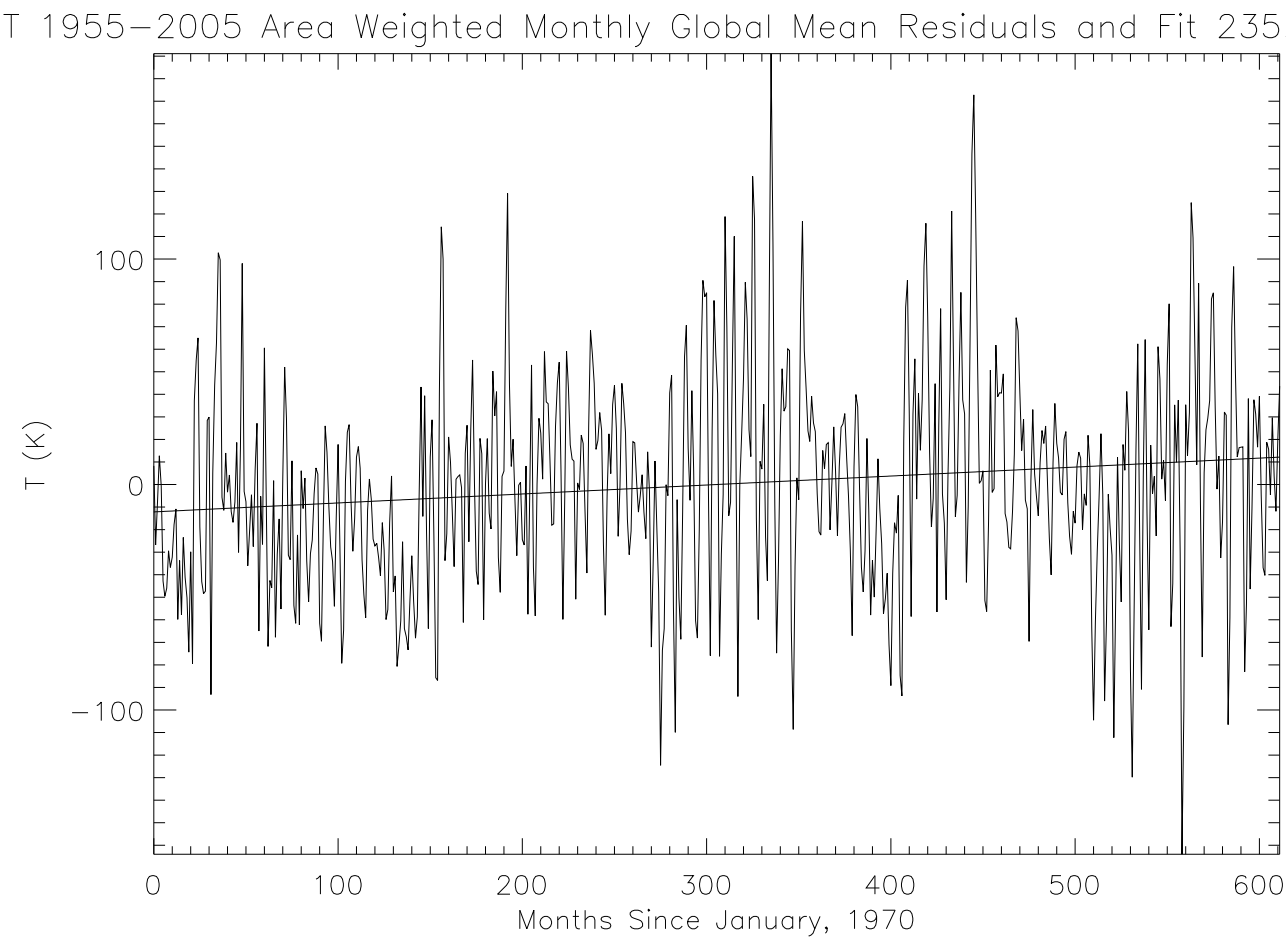

CO2 1970–2000 Area Weighted Monthly Global Mean Residuals and Fit 240.000 km
2×10⁻⁷
1×10⁻⁷
0
−1×10⁻⁷
CO2 mol/mol
0
100
200
300
Months Since January, 1970

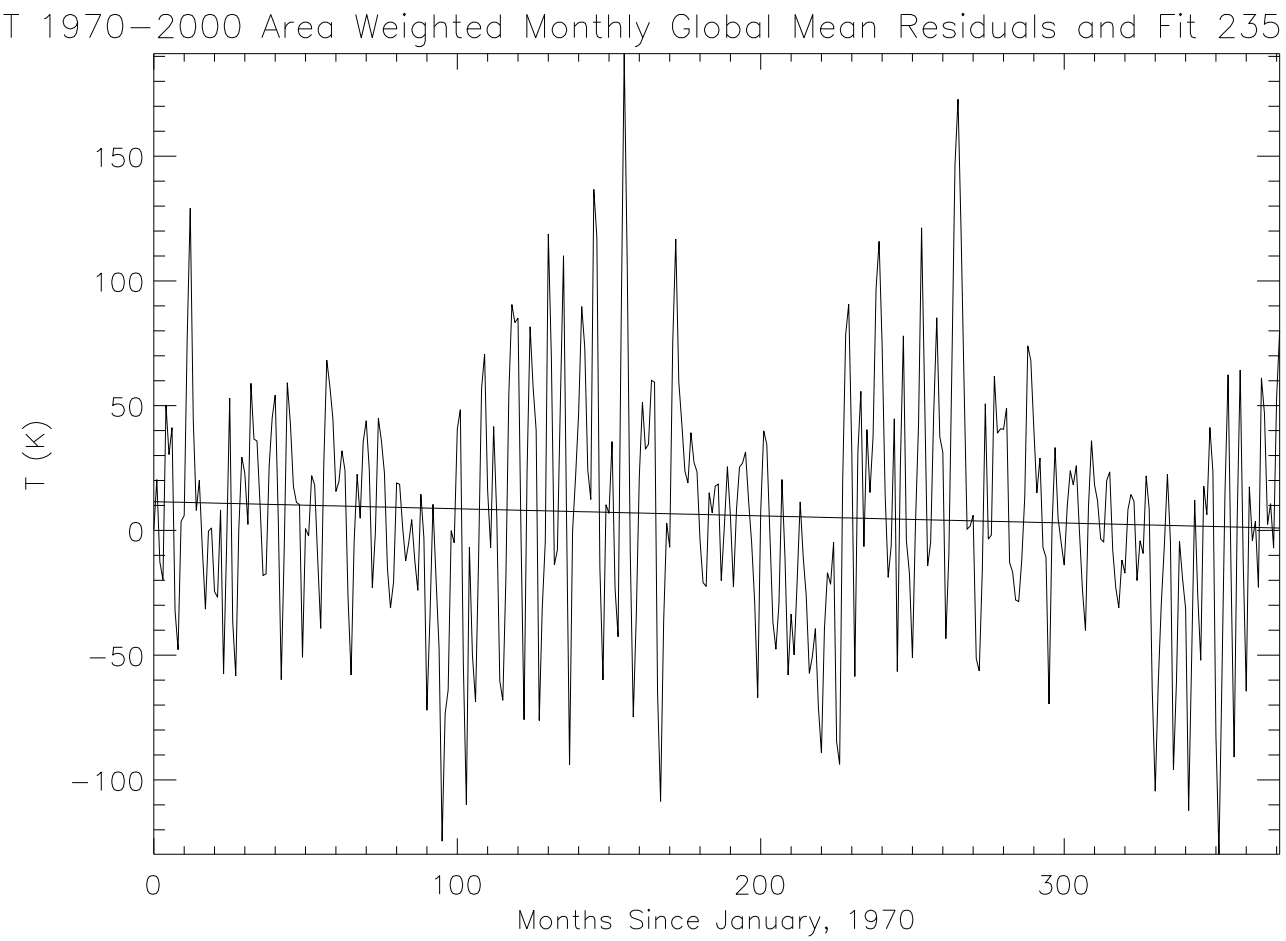

T 1955–2005 Area Weighted Monthly Global Mean Residuals and Fit 240.000 km
100
0
−100
T (K)
0
100
200
300
400
500
600
Months Since January, 1970

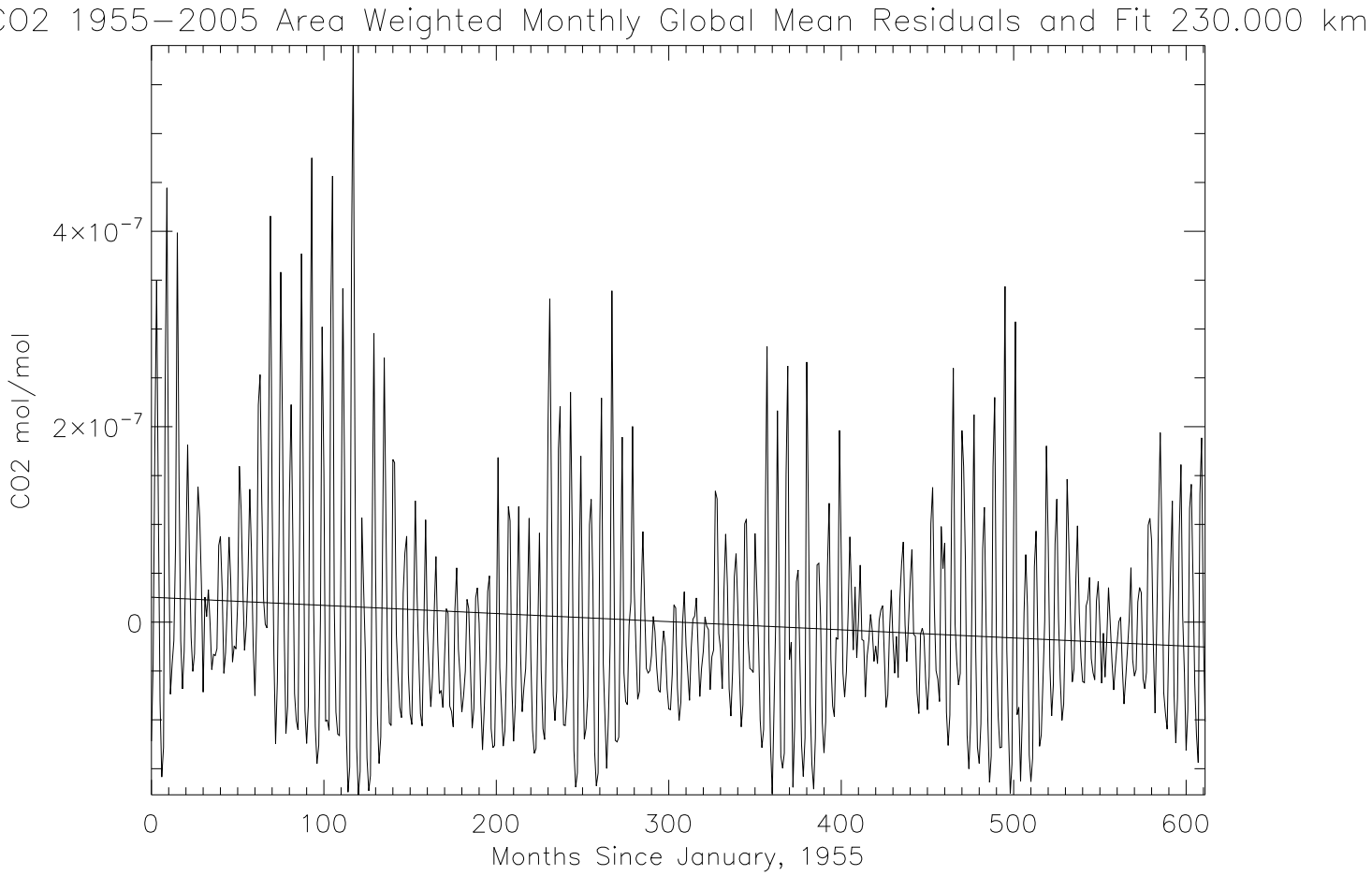

T 1970−2000 Area Weighted Monthly Global Mean Residuals and Fit 240.000 km
150
100
50
0
−50
−100
T (K)
0
100
200
300
Months Since January, 1970

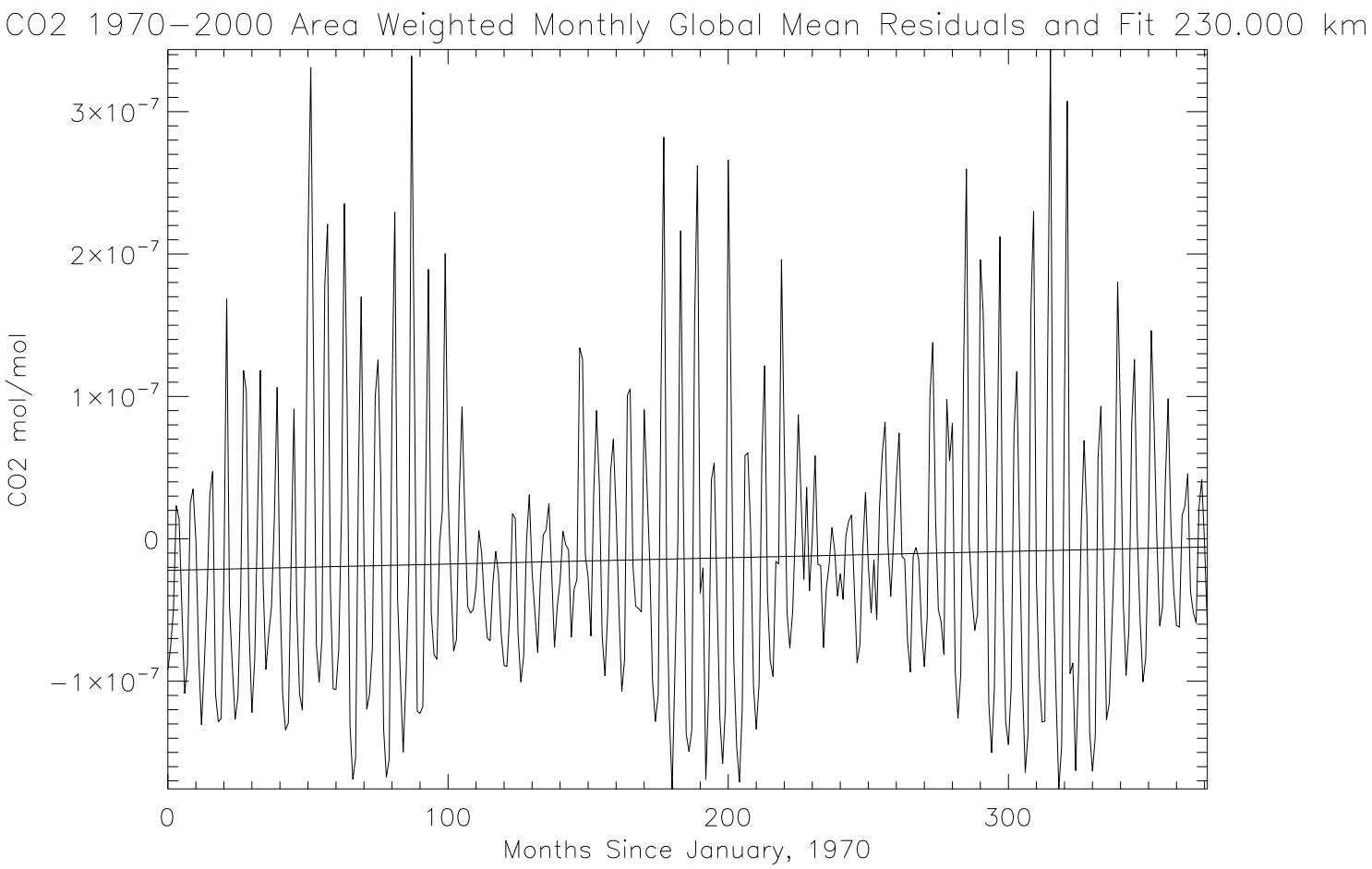

CO2 1955–2005 Area Weighted Monthly Global Mean Residuals and Fit 235.000 km
CO2 mol/mol
4×10⁻⁷
3×10⁻⁷
2×10⁻⁷
1×10⁻⁷
0
−1×10⁻⁷
0
100
200
300
400
500
600
Months Since January, 1955

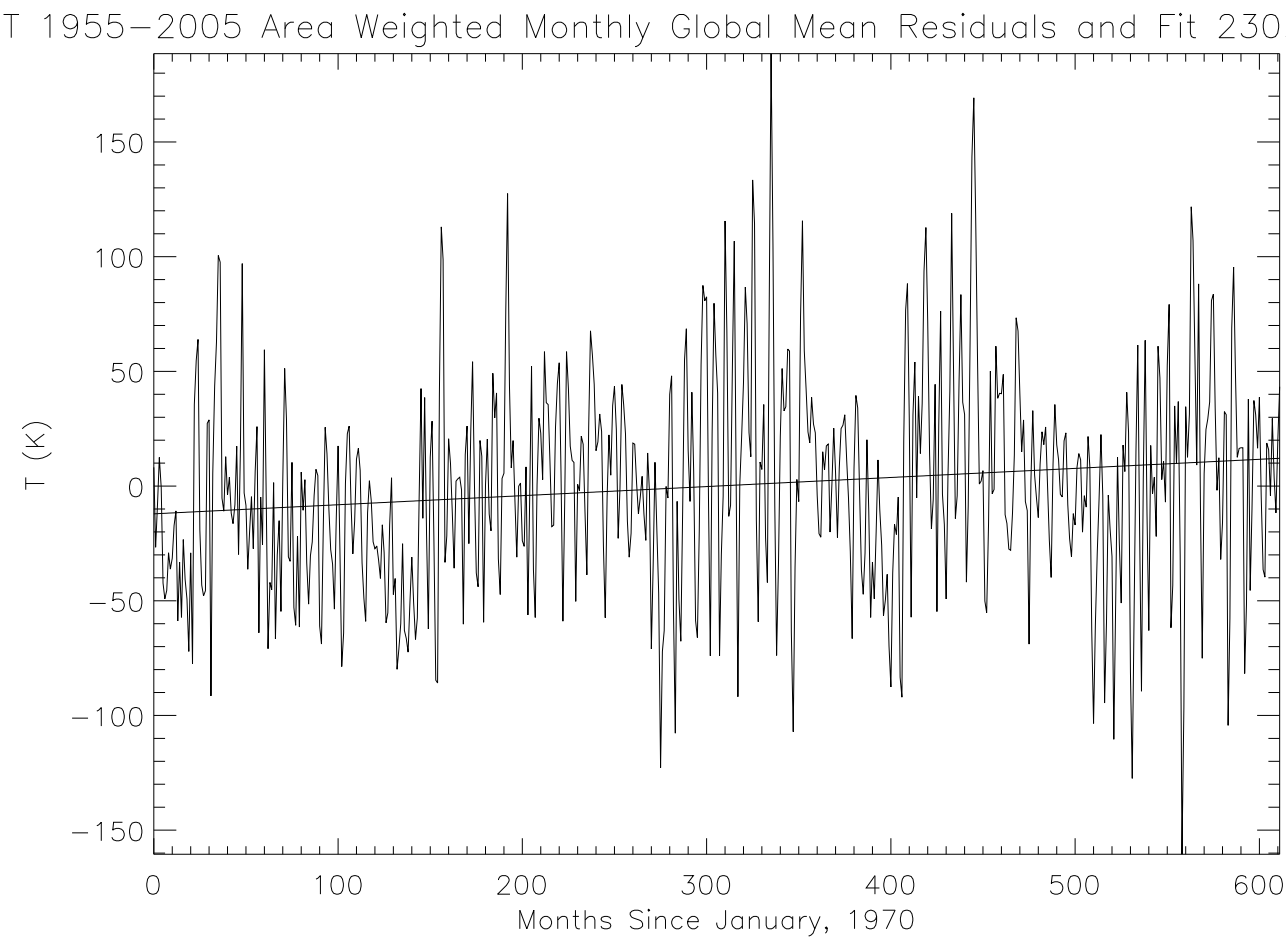

CO2 1970−2000 Area Weighted Monthly Global Mean Residuals and Fit 235.000 km
2×10⁻⁷
1×10⁻⁷
0
−1×10⁻⁷
CO2 mol/mol
0
100
200
300
Months Since January, 1970

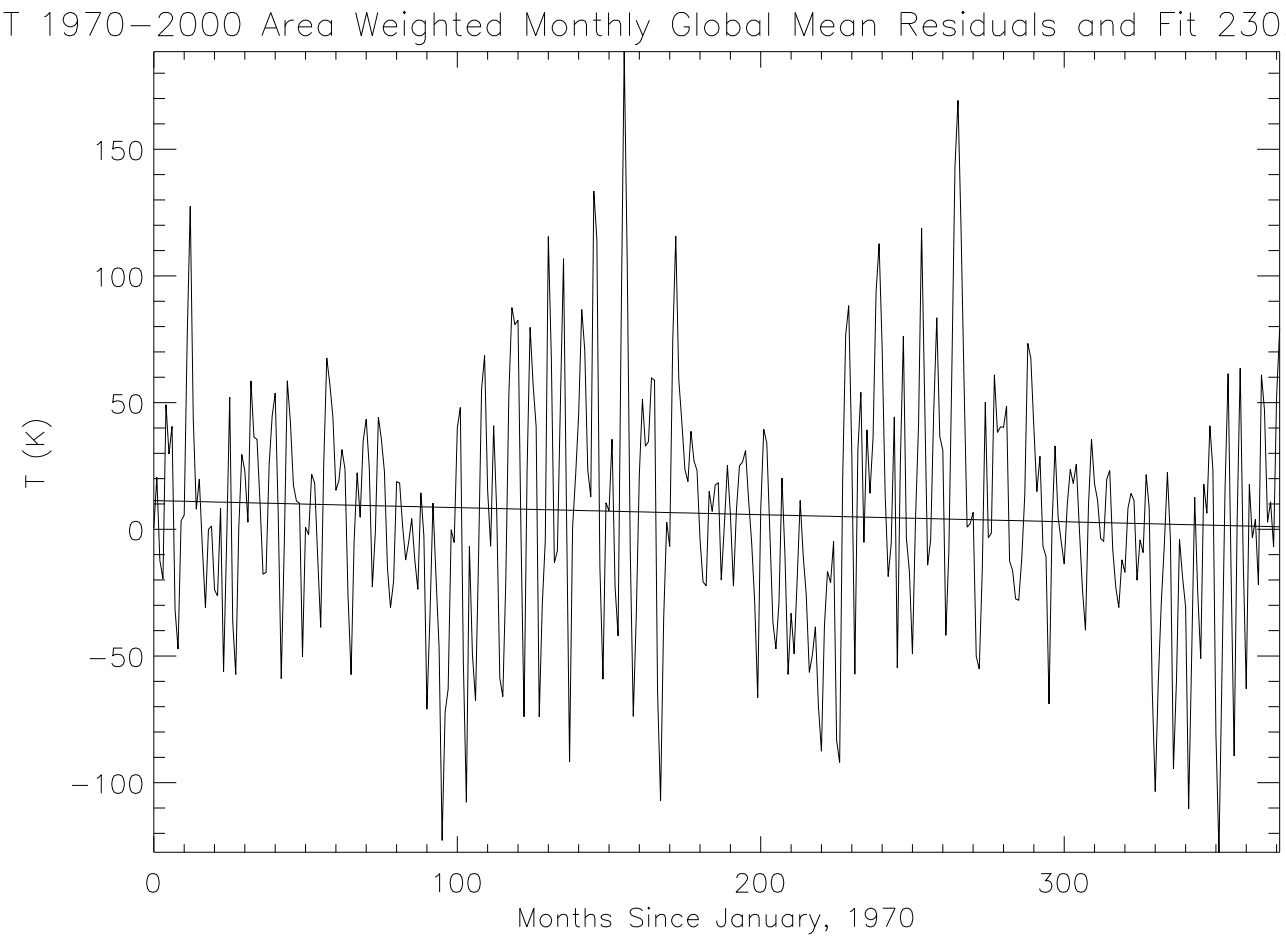

T 1955−2005 Area Weighted Monthly Global Mean Residuals and Fit 235.000 km
100
0
−100
T (K)
0
100
200
300
400
500
600
Months Since January, 1970

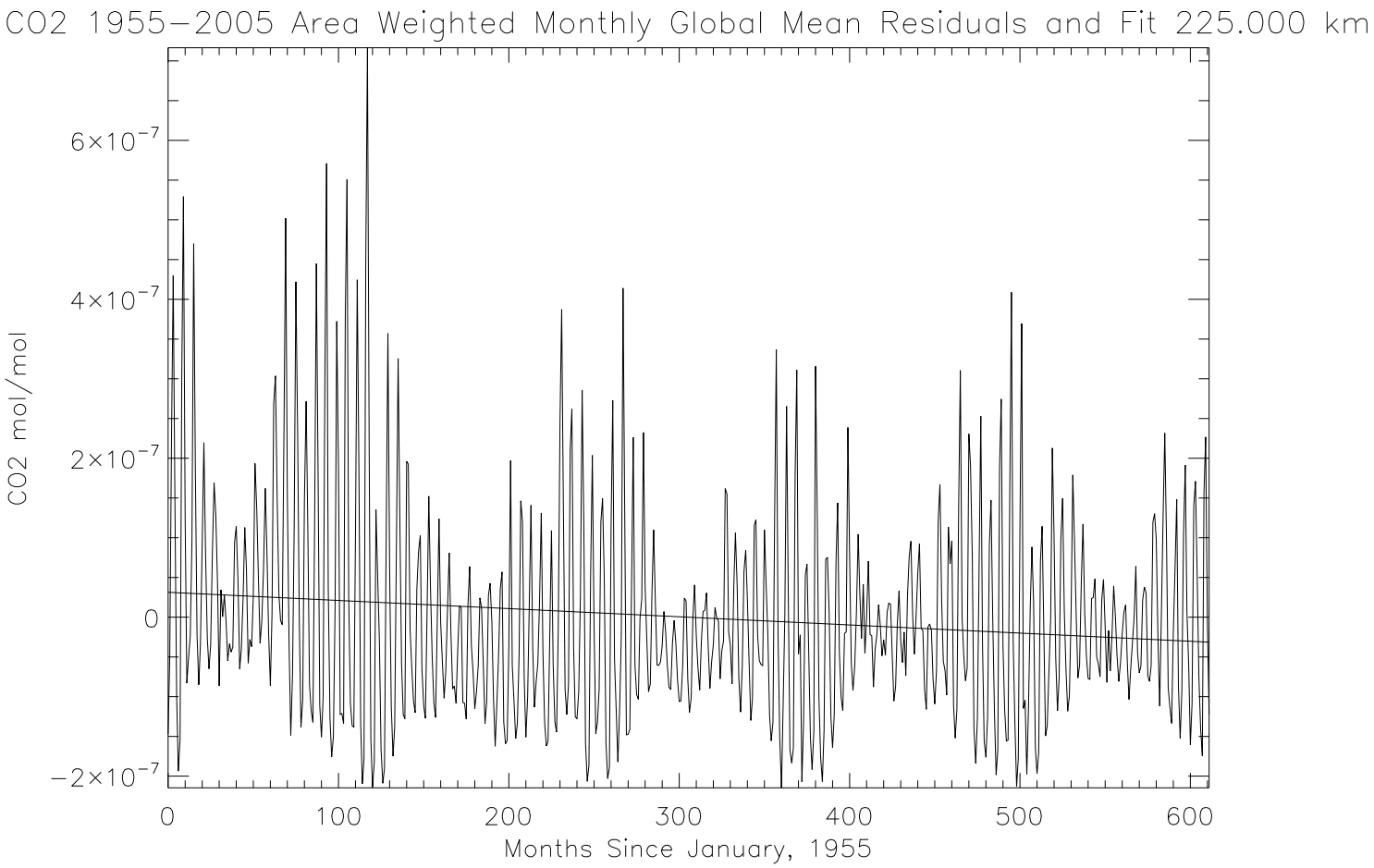

T 1970−2000 Area Weighted Monthly Global Mean Residuals and Fit 235.000 km
150
100
50
0
−50
−100
T (K)
0
100
200
300
Months Since January, 1970

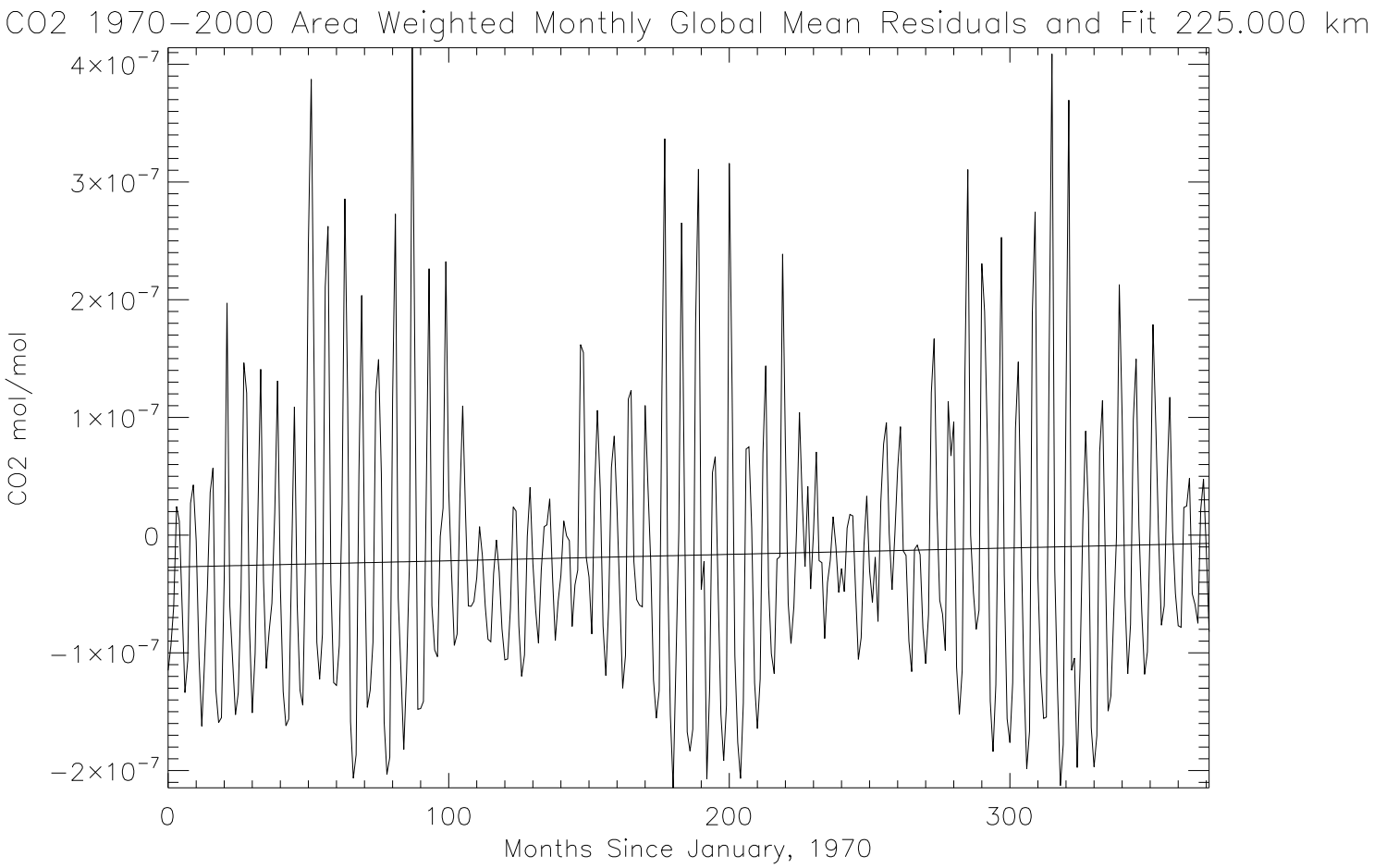

CO2 1955–2005 Area Weighted Monthly Global Mean Residuals and Fit 230.000 km
4×10⁻⁷
2×10⁻⁷
0
CO2 mol/mol
0
100
200
300
400
500
600
Months Since January, 1955

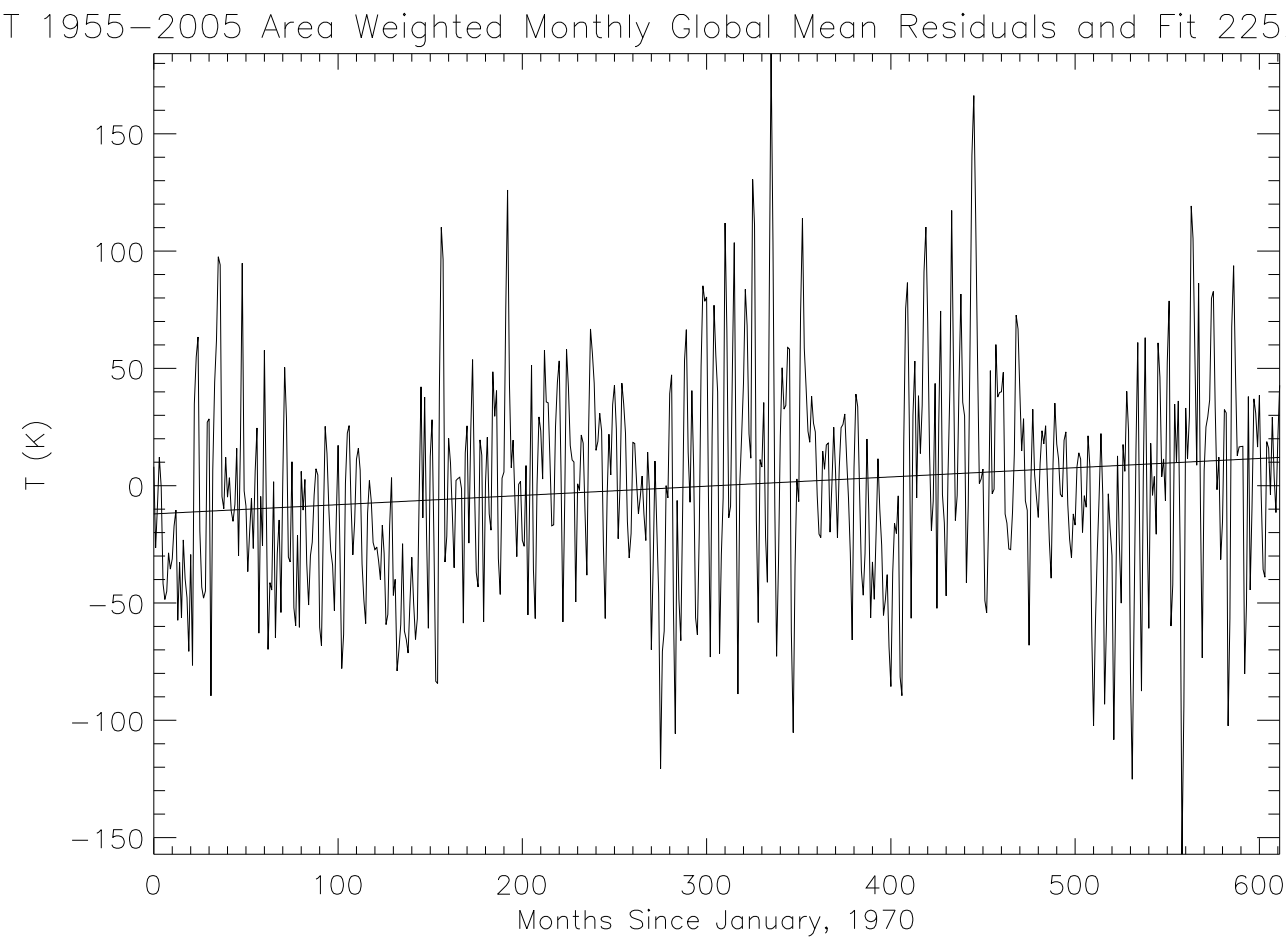

CO2 1970–2000 Area Weighted Monthly Global Mean Residuals and Fit 230.000 km
3×10⁻⁷
2×10⁻⁷
1×10⁻⁷
0
−1×10⁻⁷
CO2 mol/mol
0
100
200
300
Months Since January, 1970

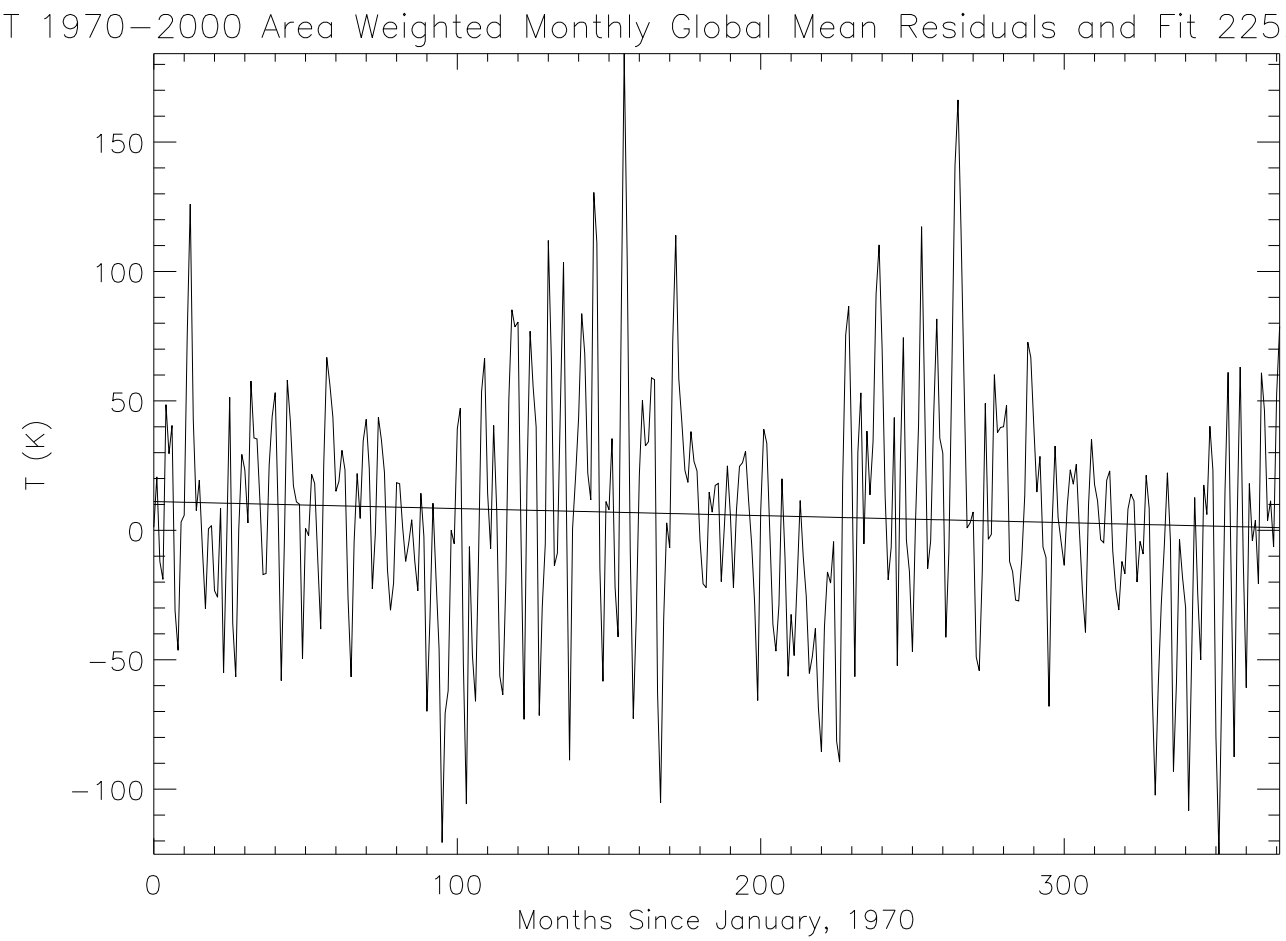

T 1955−2005 Area Weighted Monthly Global Mean Residuals and Fit 230.000 km
T (K)
150
100
50
0
−50
−100
−150
0
100
200
300
400
500
600
Months Since January, 1970

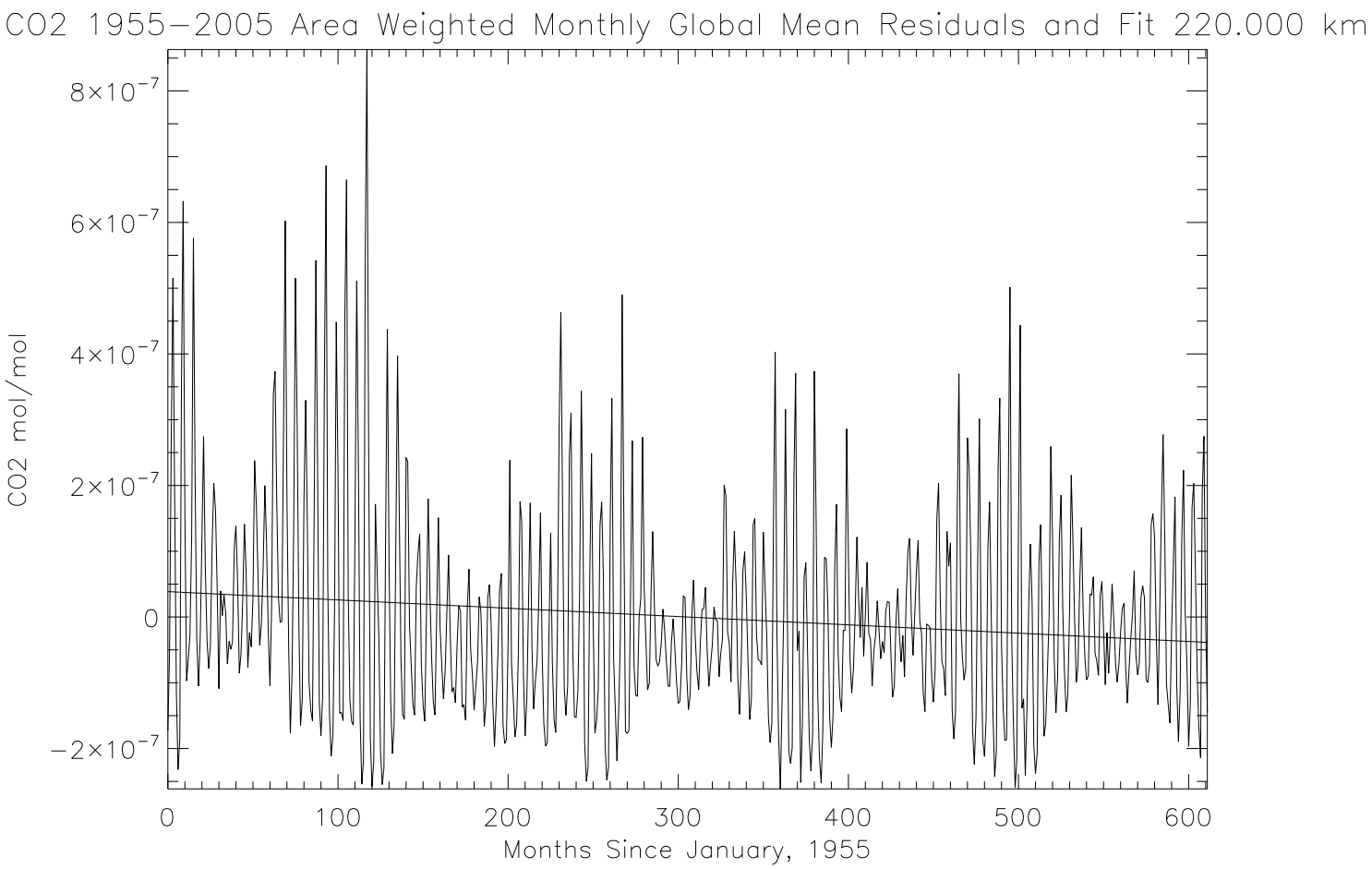

T 1970−2000 Area Weighted Monthly Global Mean Residuals and Fit 230.000 km
150
100
50
0
−50
−100
T (K)
0
100
200
300
Months Since January, 1970

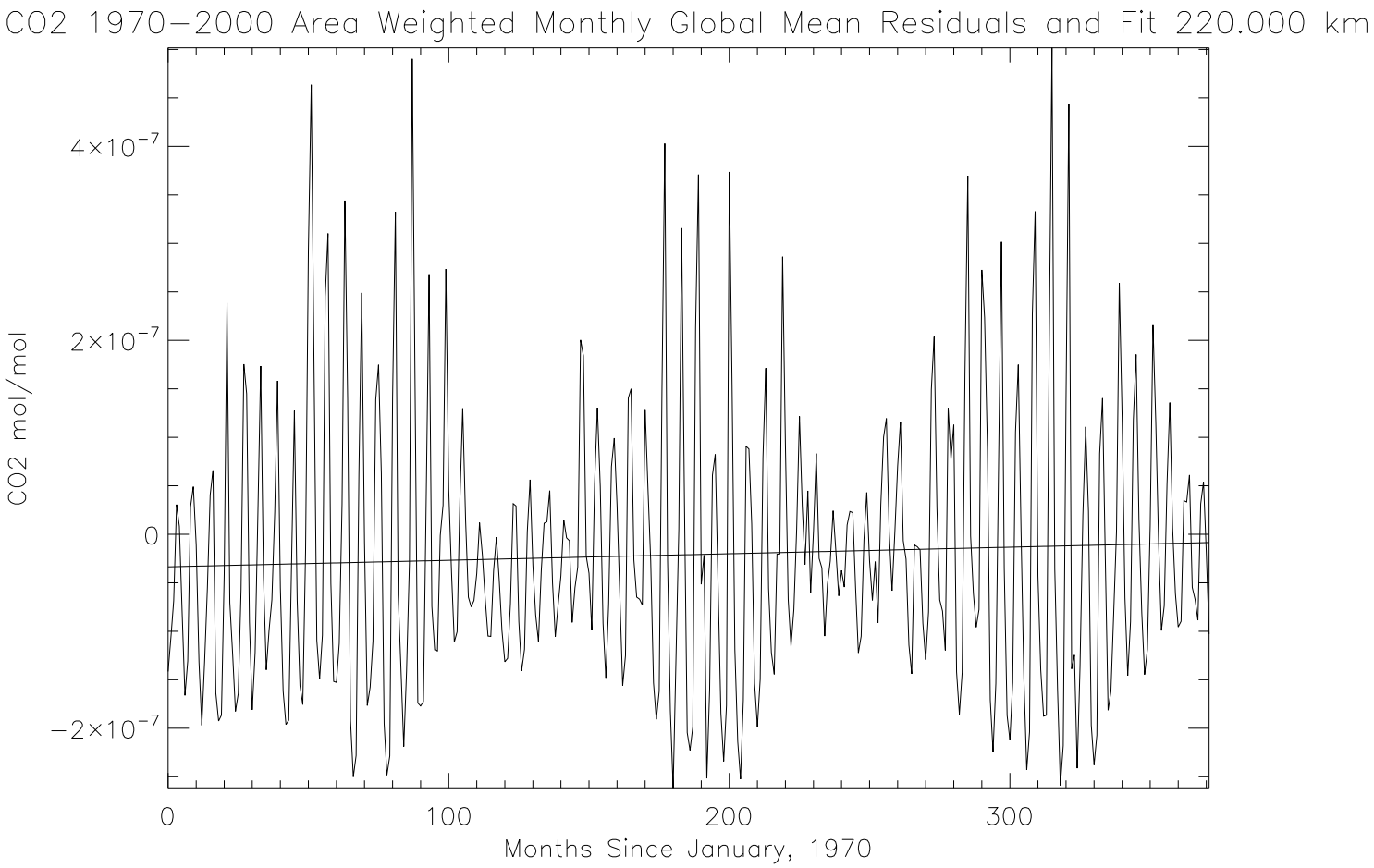

CO2 1955−2005 Area Weighted Monthly Global Mean Residuals and Fit 225.000 km
6×10⁻⁷
4×10⁻⁷
2×10⁻⁷
0
−2×10⁻⁷
CO2 mol/mol
0
100
200
300
400
500
600
Months Since January, 1955

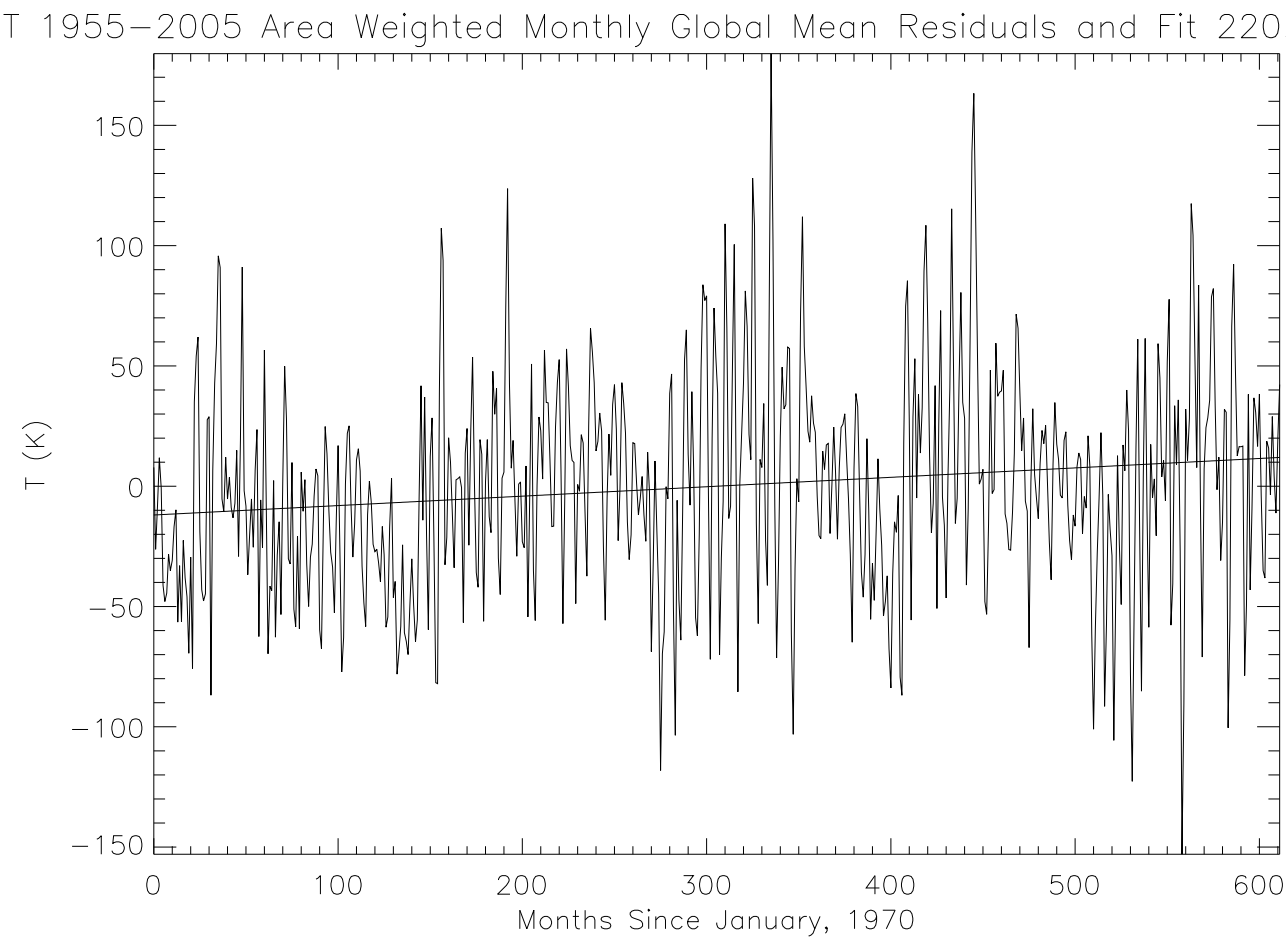

CO2 1970–2000 Area Weighted Monthly Global Mean Residuals and Fit 225.000 km
4×10⁻⁷
3×10⁻⁷
2×10⁻⁷
1×10⁻⁷
0
−1×10⁻⁷
−2×10⁻⁷
CO2 mol/mol
0
100
200
300
Months Since January, 1970

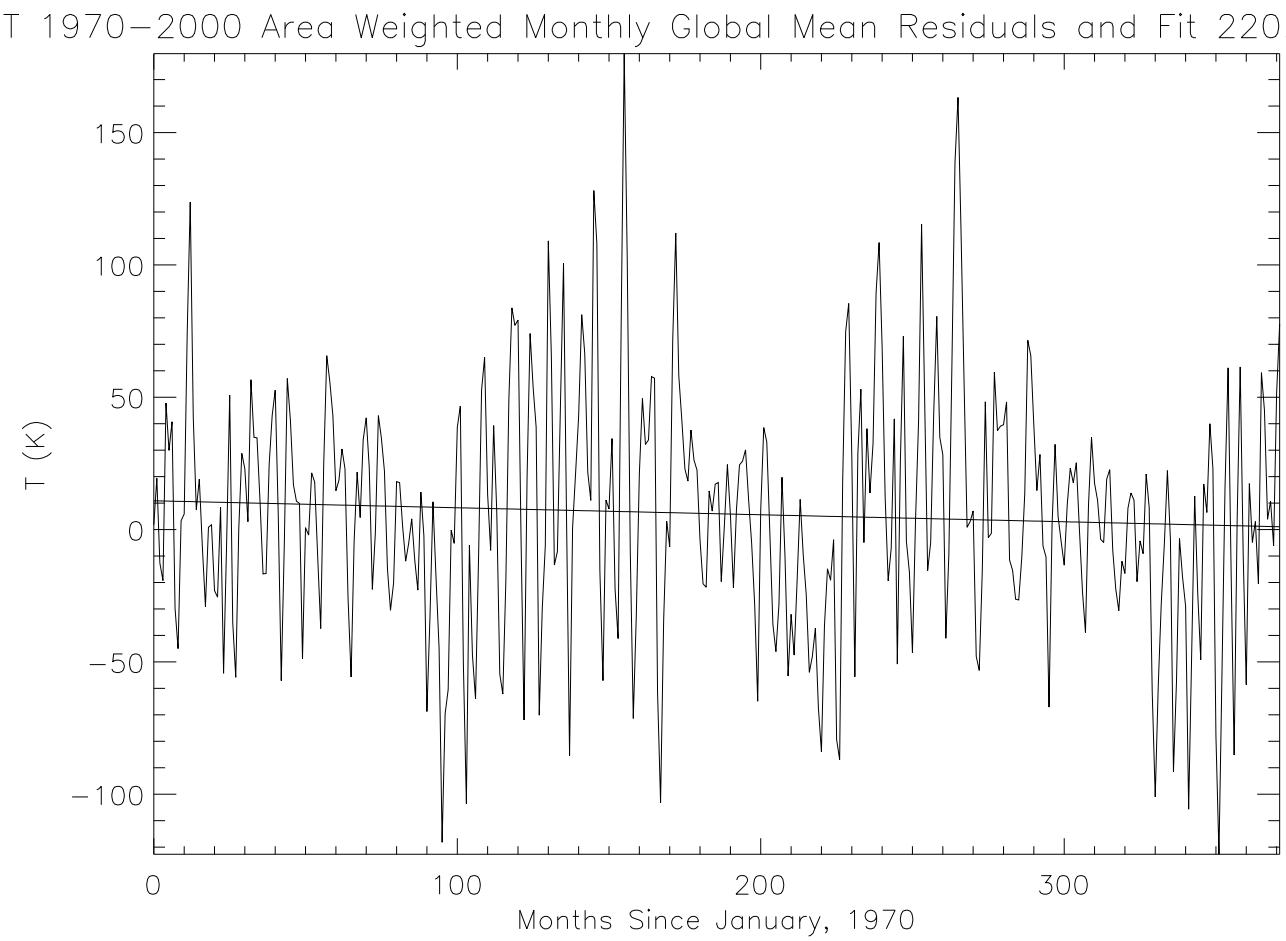

T 1955−2005 Area Weighted Monthly Global Mean Residuals and Fit 225.000 km
T (K)
150
100
50
0
−50
−100
−150
0
100
200
300
400
500
600
Months Since January, 1970

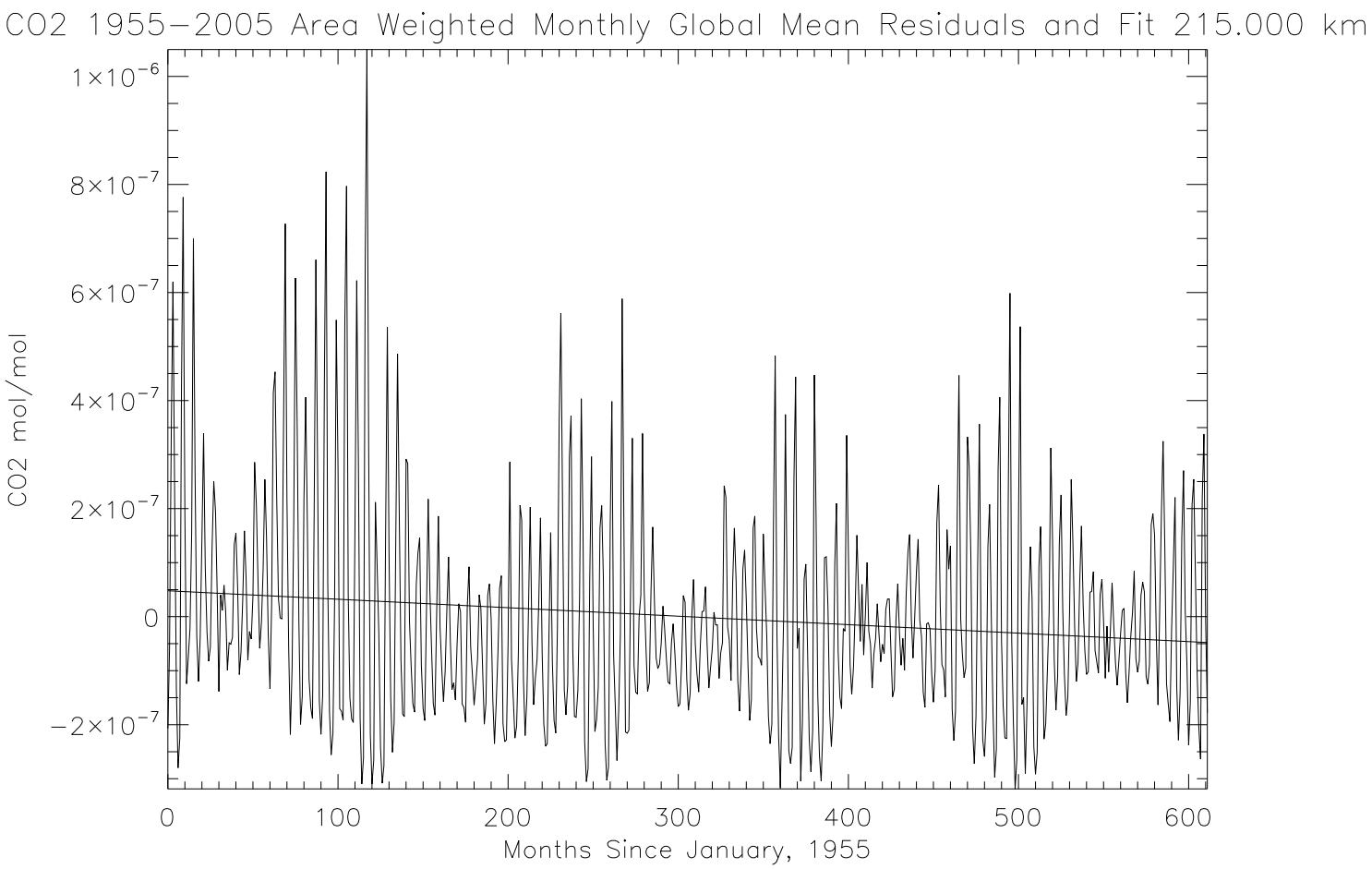

T 1970−2000 Area Weighted Monthly Global Mean Residuals and Fit 225.000 km
150
100
50
0
−50
−100
T (K)
0
100
200
300
Months Since January, 1970

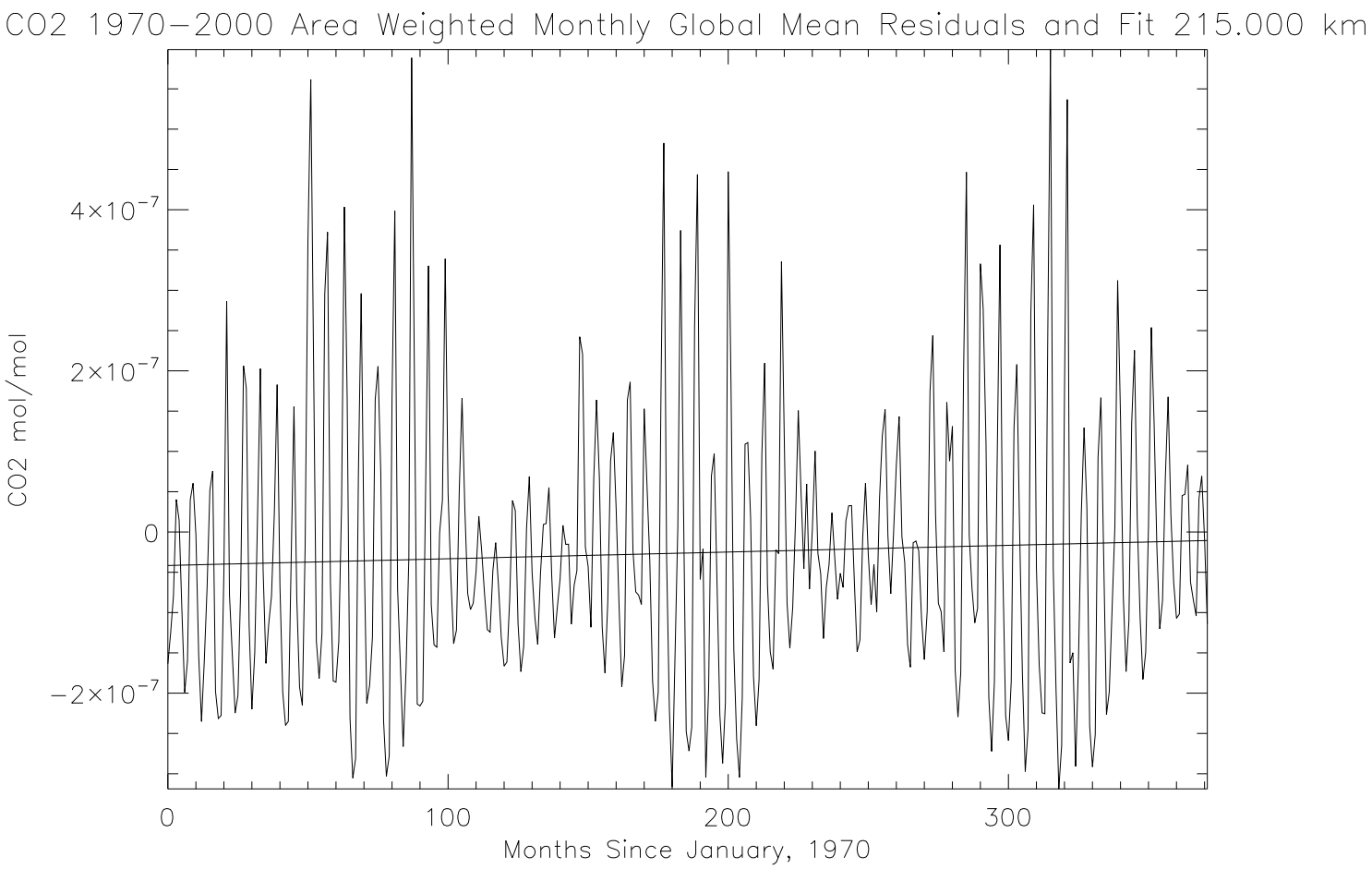

CO2 1955–2005 Area Weighted Monthly Global Mean Residuals and Fit 220.000 km
8×10⁻⁷
6×10⁻⁷
4×10⁻⁷
2×10⁻⁷
0
−2×10⁻⁷
CO2 mol/mol
0
100
200
300
400
500
600
Months Since January, 1955

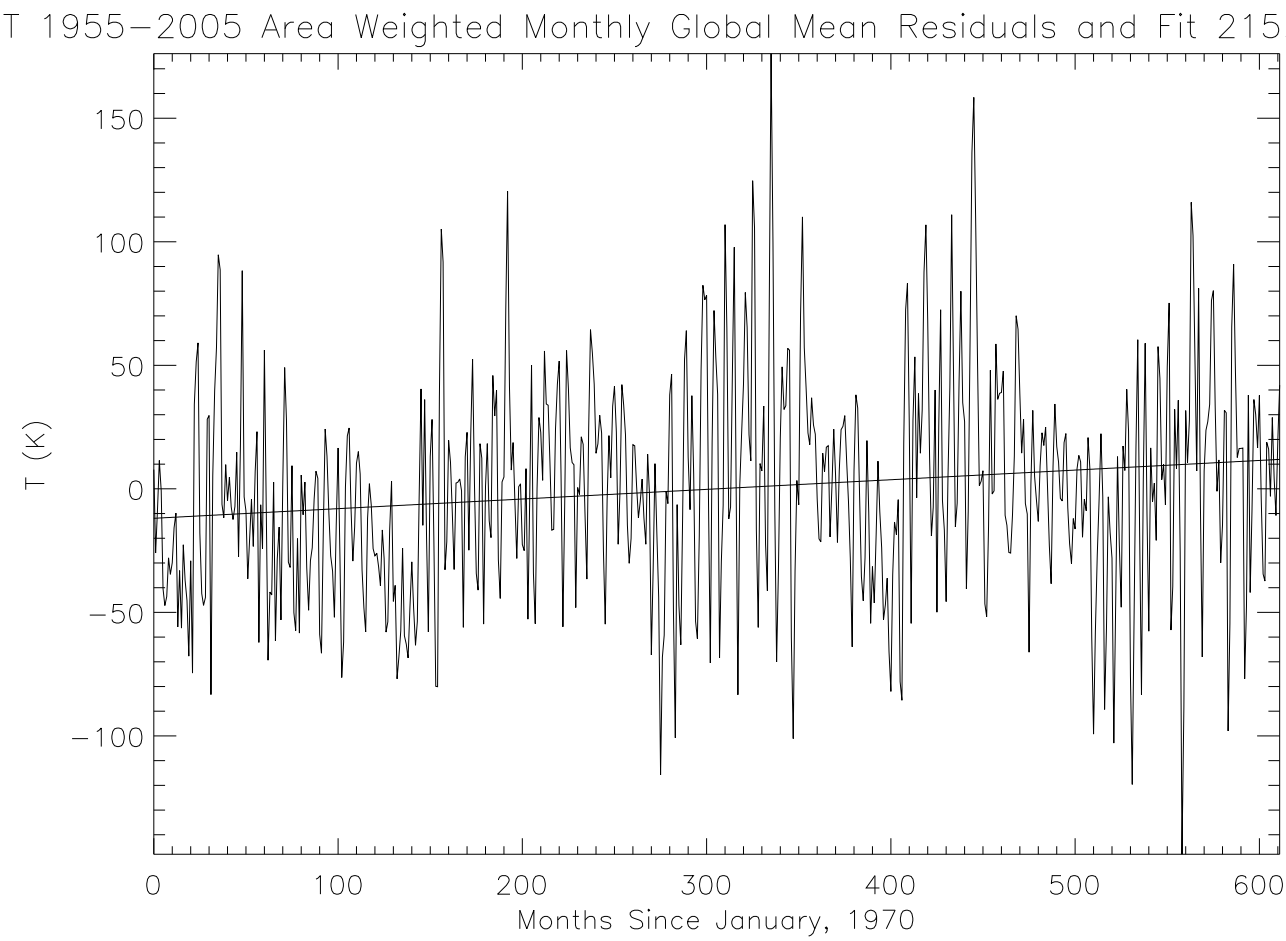

CO2 1970–2000 Area Weighted Monthly Global Mean Residuals and Fit 220.000 km
4×10⁻⁷
2×10⁻⁷
0
−2×10⁻⁷
CO2 mol/mol
0
100
200
300
Months Since January, 1970

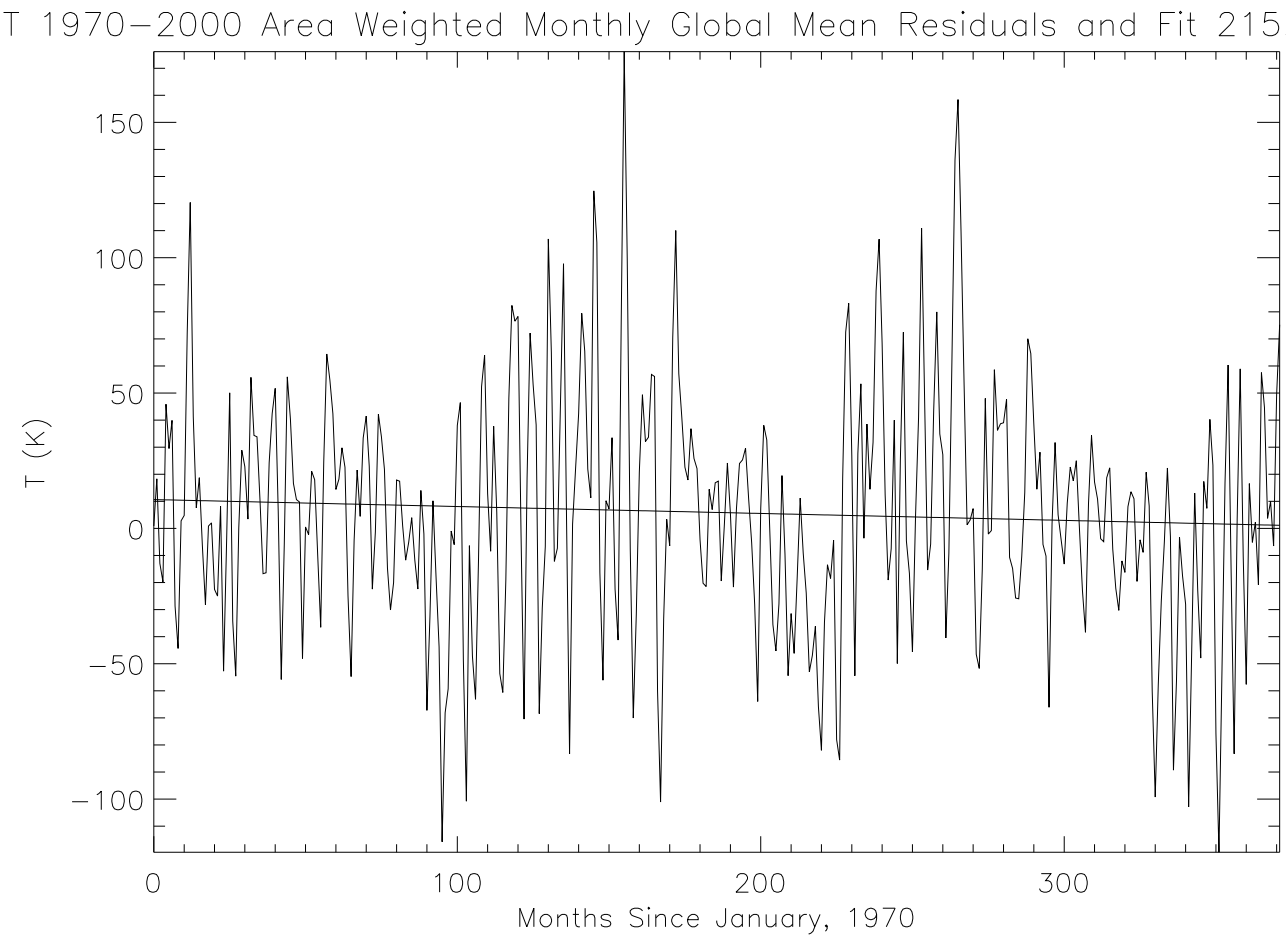

T 1955–2005 Area Weighted Monthly Global Mean Residuals and Fit 220.000 km
T (K)
150
100
50
0
−50
−100
−150
0
100
200
300
400
500
600
Months Since January, 1970

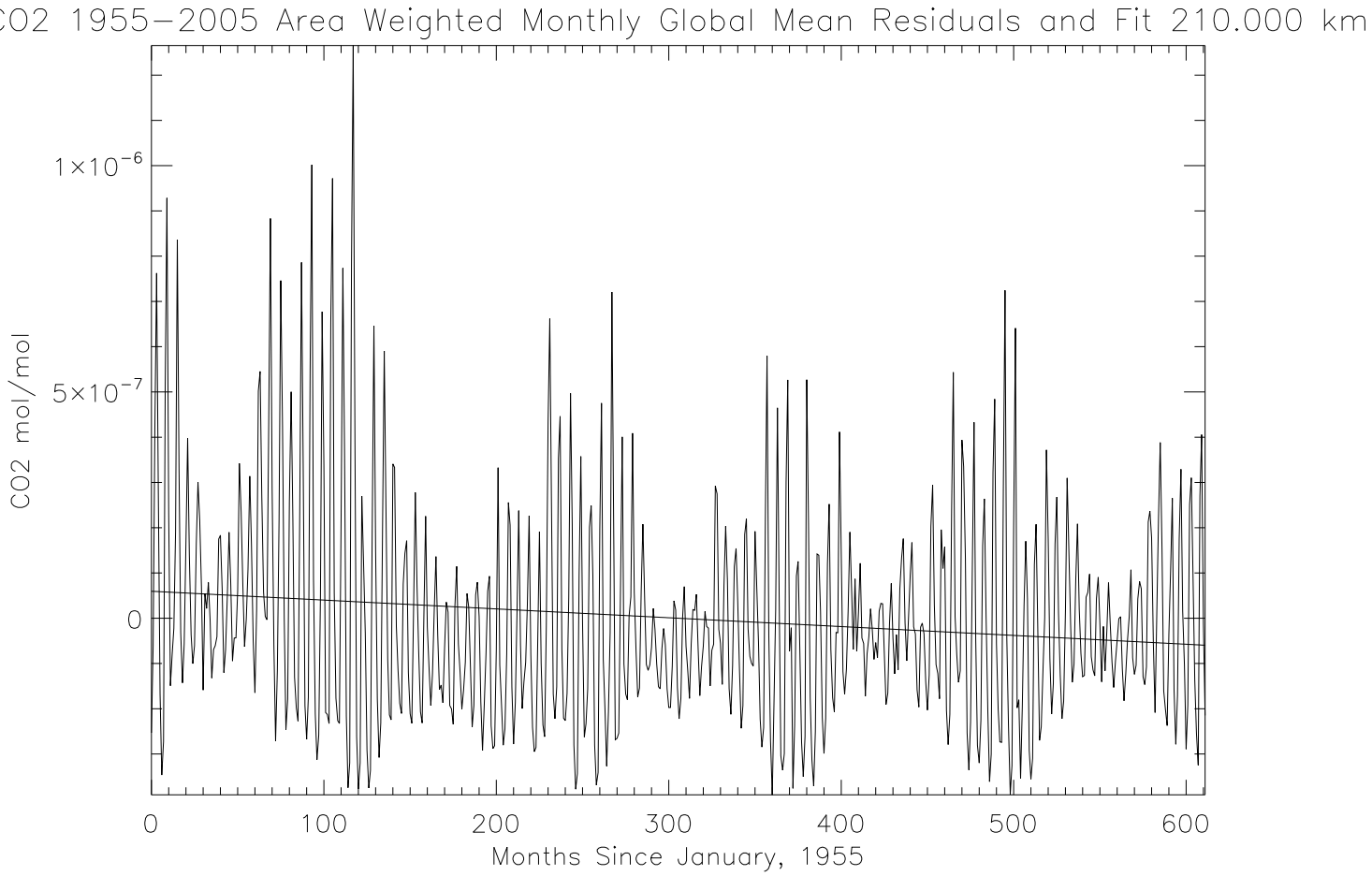

T 1970−2000 Area Weighted Monthly Global Mean Residuals and Fit 220.000 km
150
100
50
0
−50
−100
T (K)
0
100
200
300
Months Since January, 1970

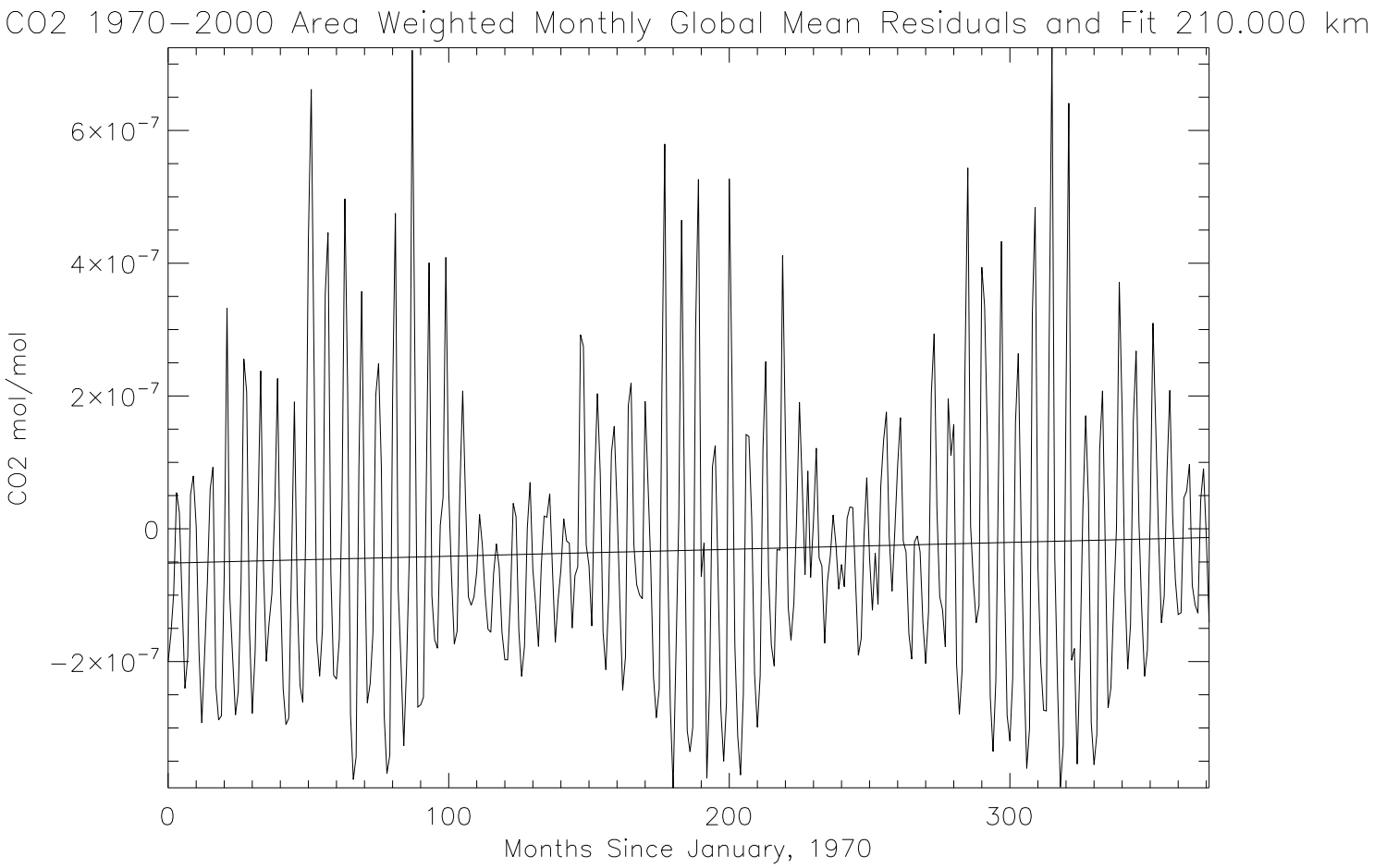

CO2 1955–2005 Area Weighted Monthly Global Mean Residuals and Fit 215.000 km
1×10⁻⁶
8×10⁻⁷
6×10⁻⁷
4×10⁻⁷
2×10⁻⁷
0
−2×10⁻⁷
CO2 mol/mol
0
100
200
300
400
500
600
Months Since January, 1955

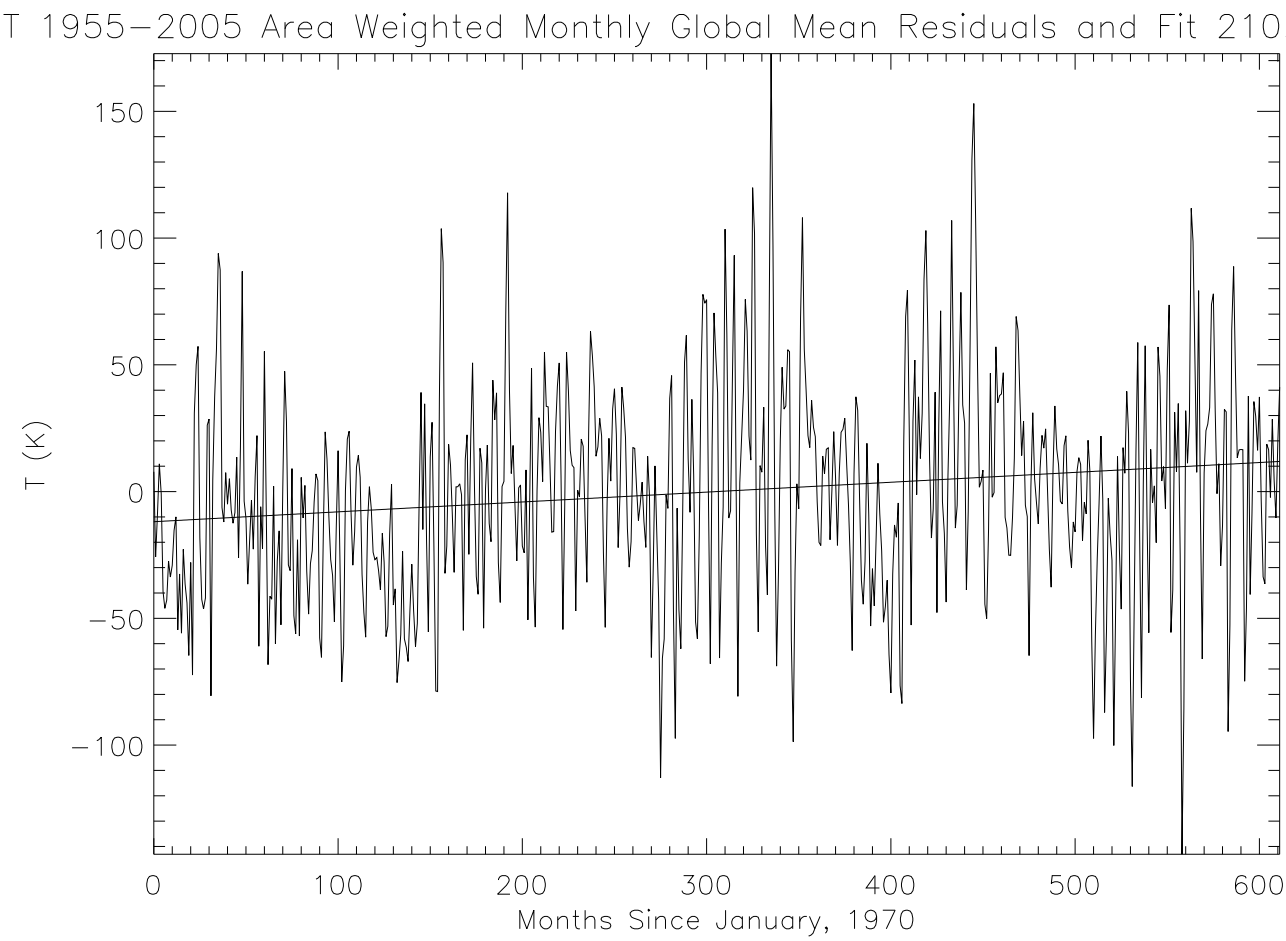

CO2 1970–2000 Area Weighted Monthly Global Mean Residuals and Fit 215.000 km
4×10⁻⁷
2×10⁻⁷
0
−2×10⁻⁷
CO2 mol/mol
0
100
200
300
Months Since January, 1970

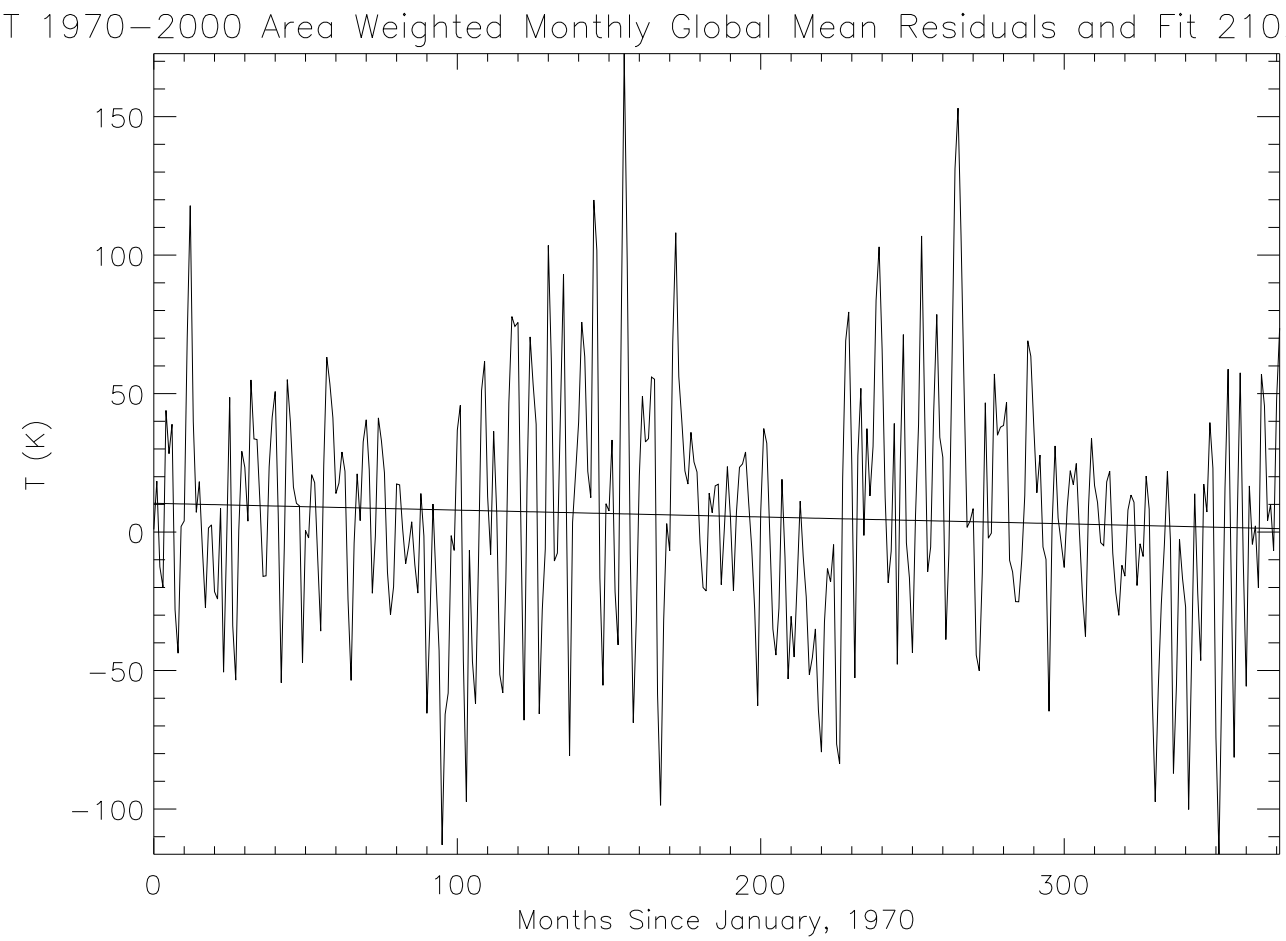

T 1955–2005 Area Weighted Monthly Global Mean Residuals and Fit 215.000 km
150
100
50
0
−50
−100
T (K)
0
100
200
300
400
500
600
Months Since January, 1970

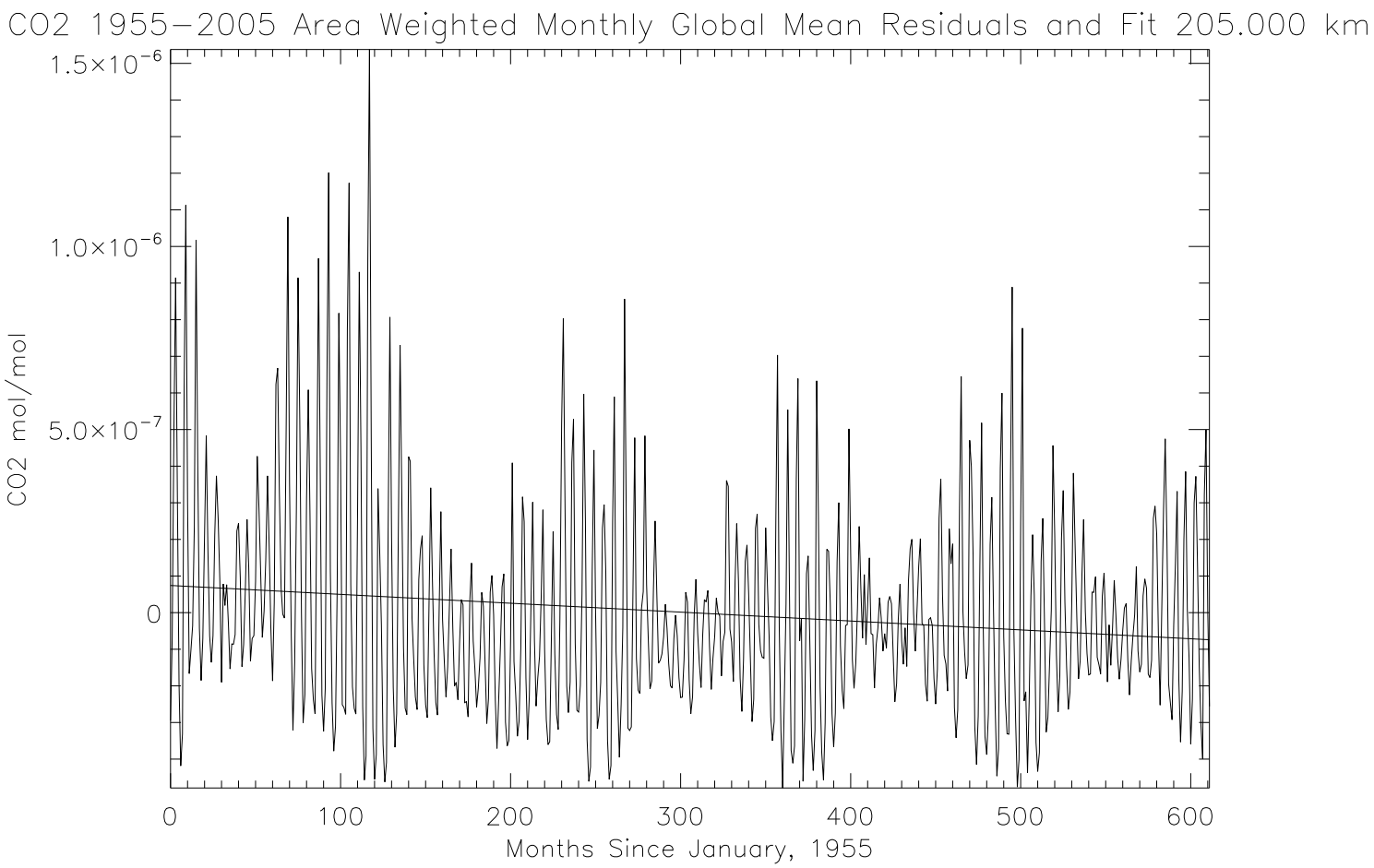

T 1970−2000 Area Weighted Monthly Global Mean Residuals and Fit 215.000 km
150
100
50
0
−50
−100
T (K)
0
100
200
300
Months Since January, 1970

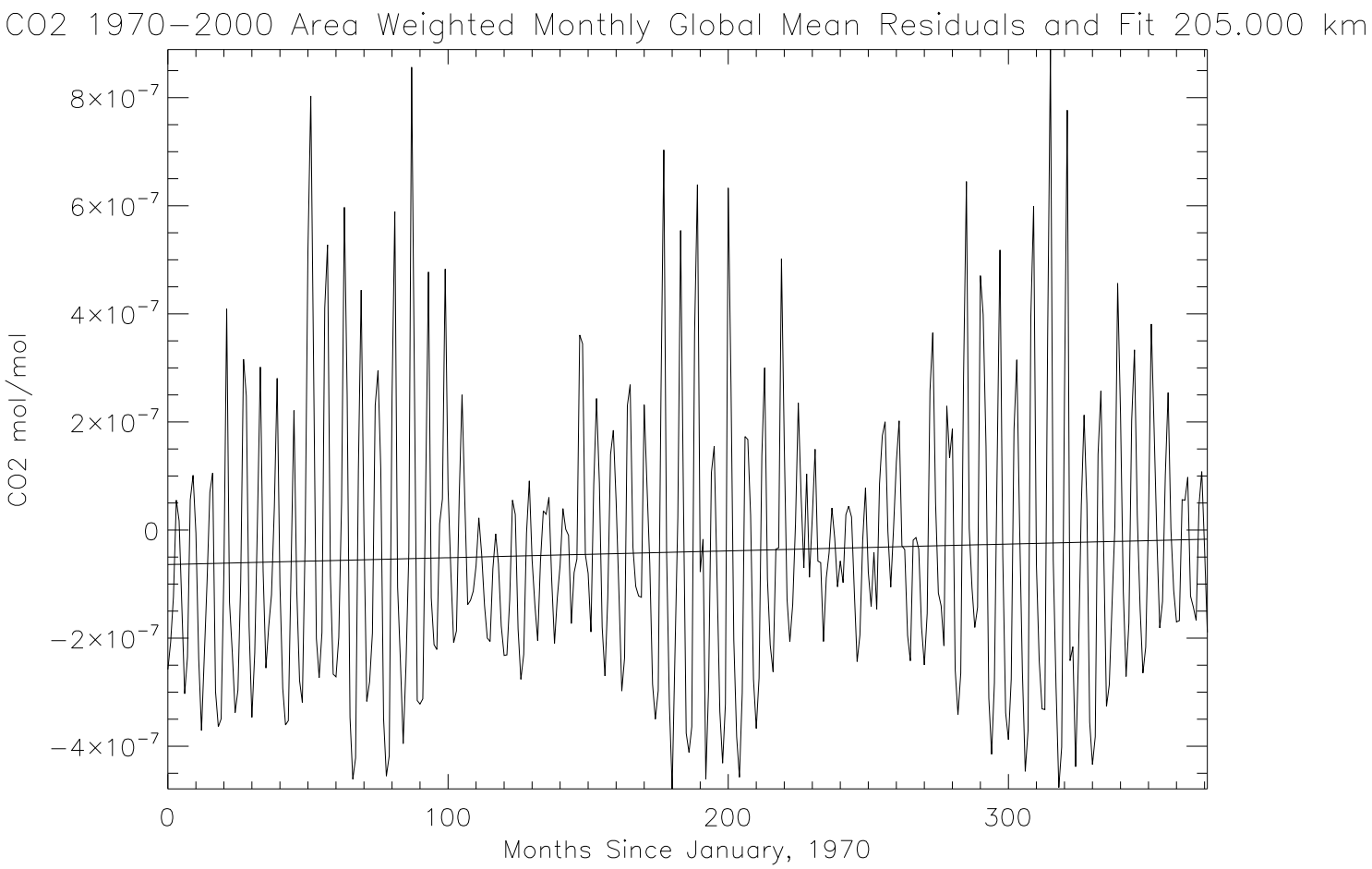

CO2 1955−2005 Area Weighted Monthly Global Mean Residuals and Fit 210.000 km
1×10−6
5×10−7
0
CO2 mol/mol
0
100
200
300
400
500
600
Months Since January, 1955

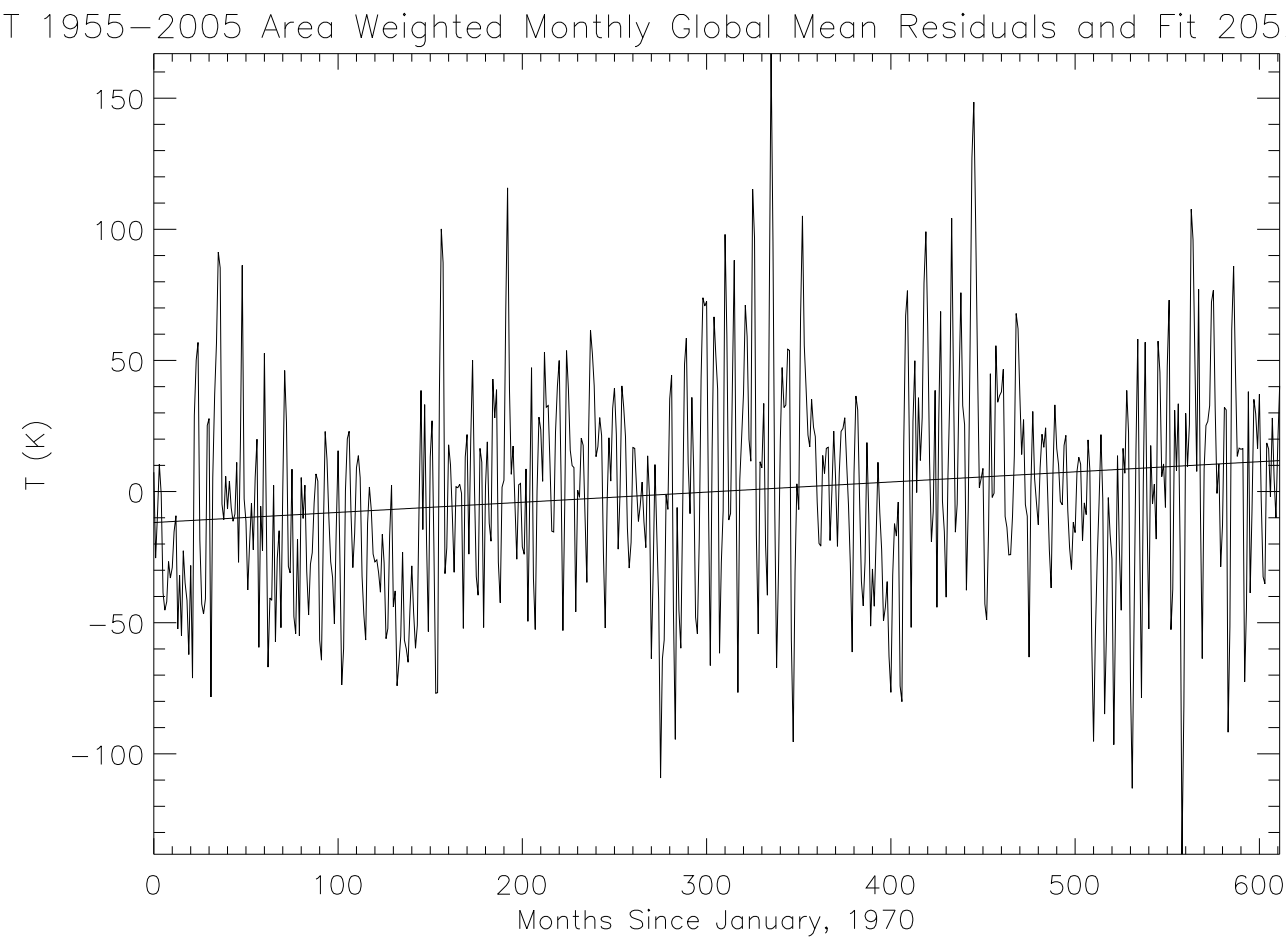

CO2 1970−2000 Area Weighted Monthly Global Mean Residuals and Fit 210.000 km
6×10⁻⁷
4×10⁻⁷
2×10⁻⁷
0
−2×10⁻⁷
CO2 mol/mol
0
100
200
300
Months Since January, 1970

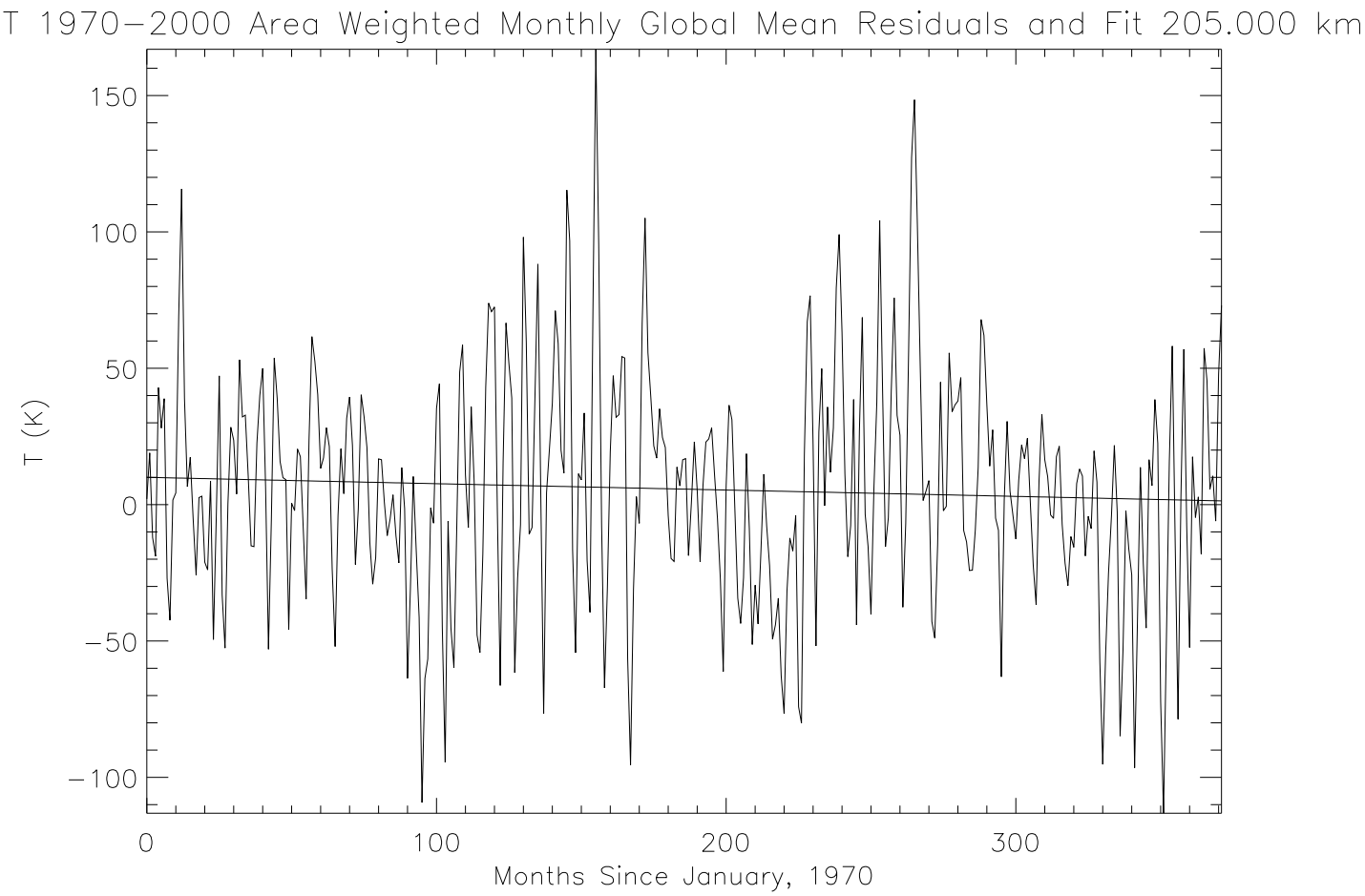

T 1955–2005 Area Weighted Monthly Global Mean Residuals and Fit 210.000 km
150
100
50
0
−50
−100
T (K)
0
100
200
300
400
500
600
Months Since January, 1970

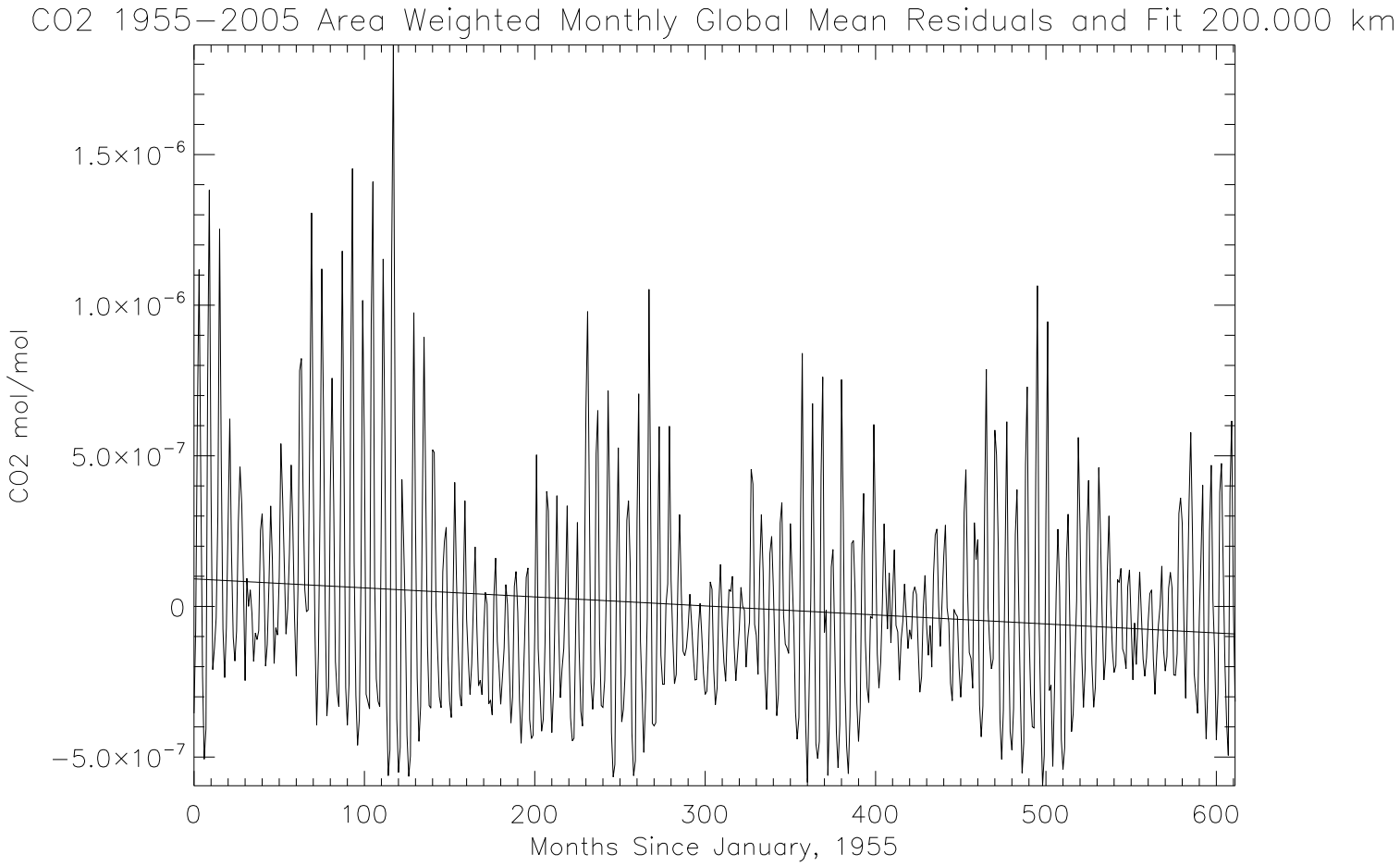

T 1970−2000 Area Weighted Monthly Global Mean Residuals and Fit 210.000 km
150
100
50
0
−50
−100
T (K)
0
100
200
300
Months Since January, 1970

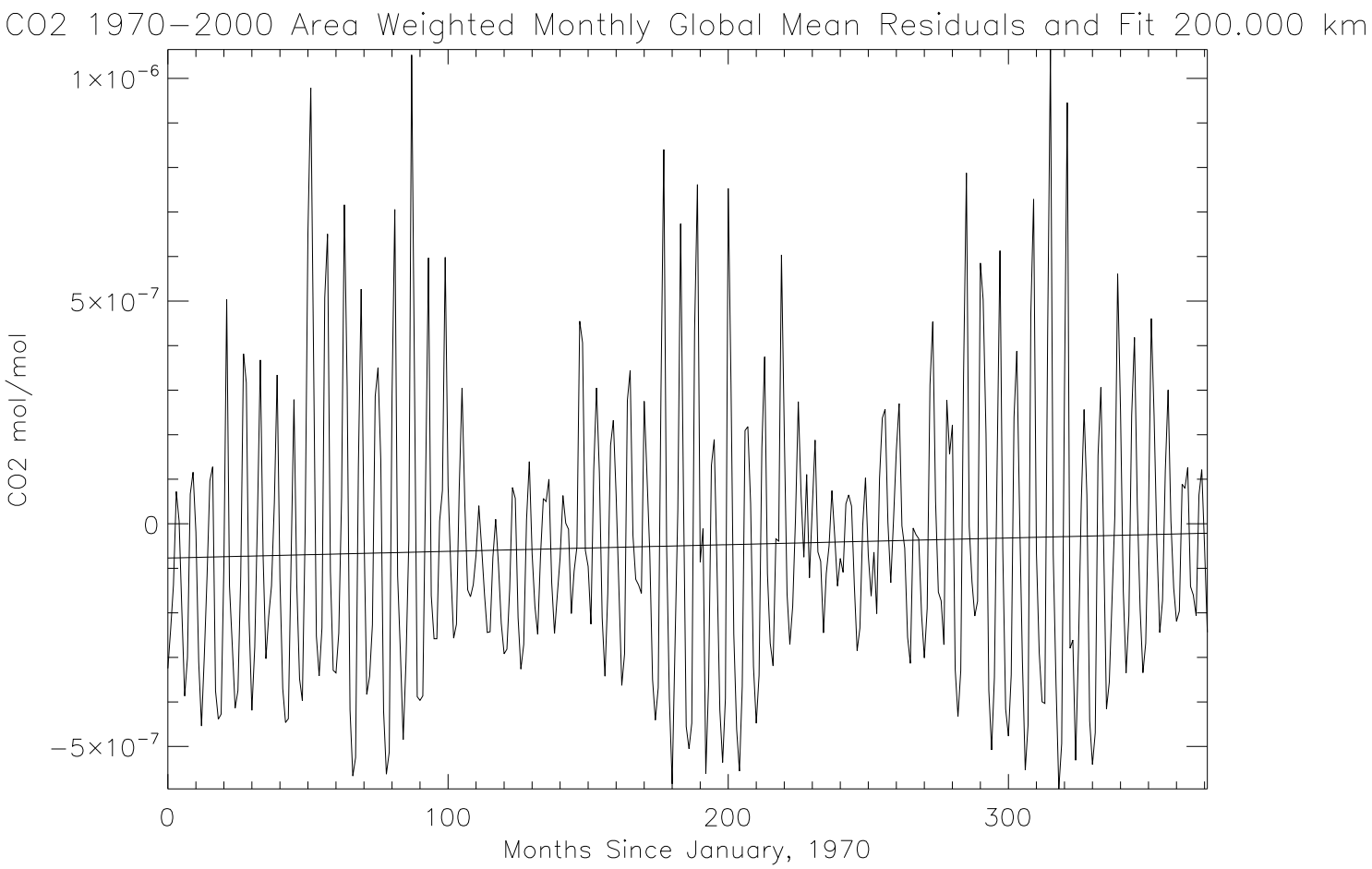

CO2 1955–2005 Area Weighted Monthly Global Mean Residuals and Fit 205.000 km
1.5×10⁻⁶
1.0×10⁻⁶
5.0×10⁻⁷
0
CO2 mol/mol
0
100
200
300
400
500
600
Months Since January, 1955

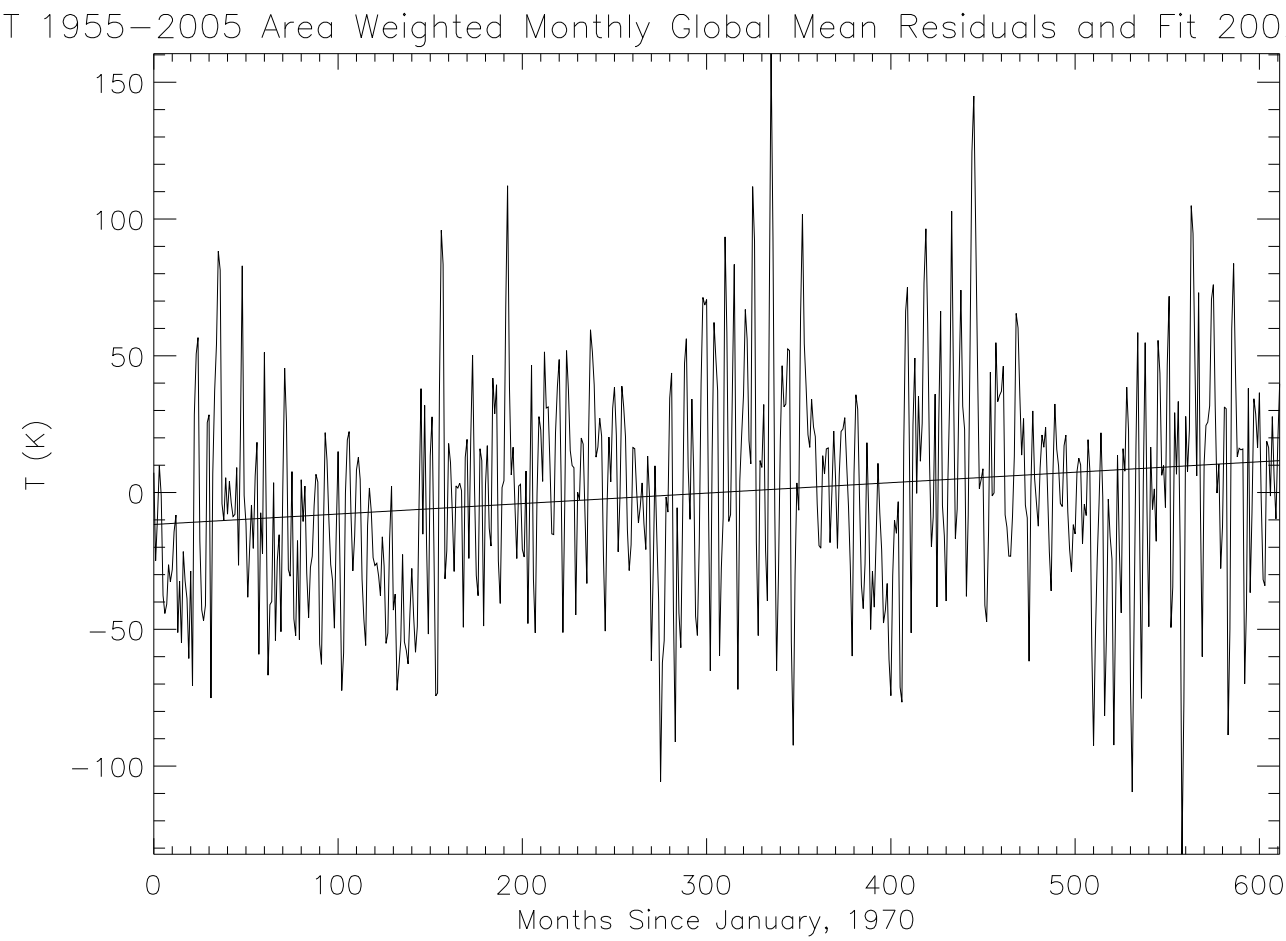

CO2 1970−2000 Area Weighted Monthly Global Mean Residuals and Fit 205.000 km
8×10⁻⁷
6×10⁻⁷
4×10⁻⁷
2×10⁻⁷
0
−2×10⁻⁷
−4×10⁻⁷
CO2 mol/mol
0
100
200
300
Months Since January, 1970

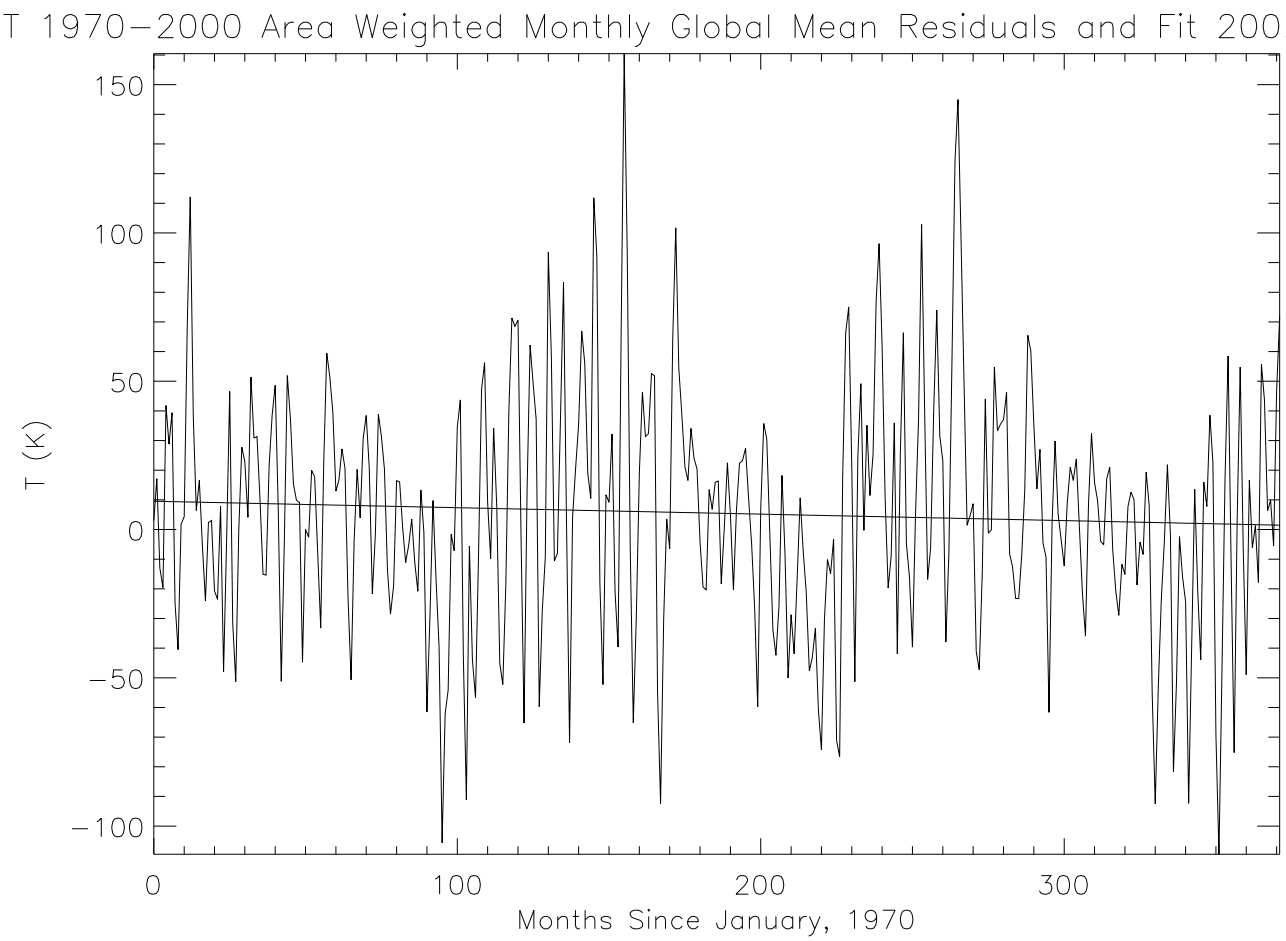

T 1955−2005 Area Weighted Monthly Global Mean Residuals and Fit 205.000 km
150
100
50
0
−50
−100
T (K)
0
100
200
300
400
500
600
Months Since January, 1970

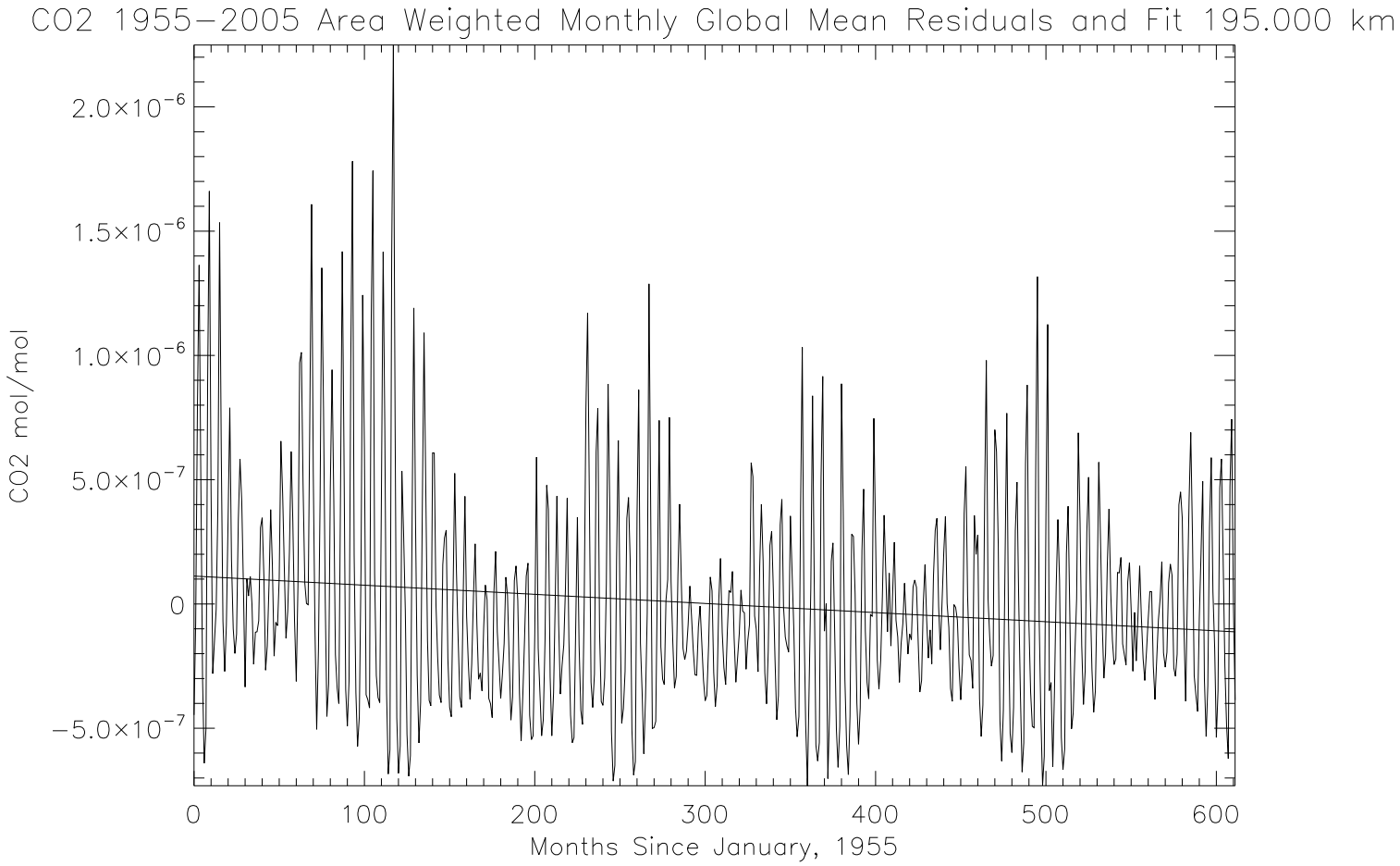

T 1970−2000 Area Weighted Monthly Global Mean Residuals and Fit 205.000 km
150
100
50
0
−50
−100
T (K)
0
100
200
300
Months Since January, 1970

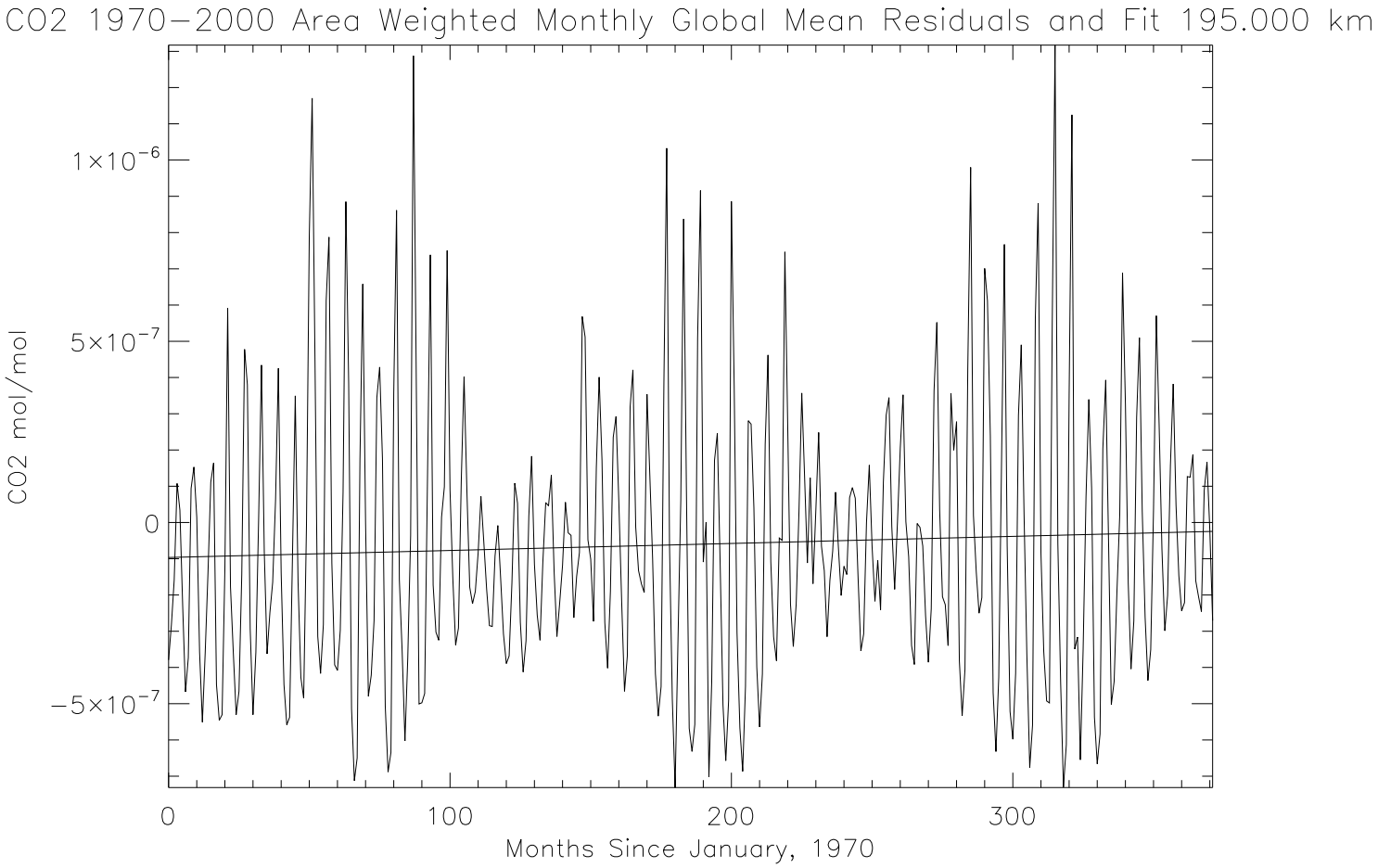

CO2 1955−2005 Area Weighted Monthly Global Mean Residuals and Fit 200.000 km
1.5×10−6
1.0×10−6
5.0×10−7
0
−5.0×10−7
CO2 mol/mol
0
100
200
300
400
500
600
Months Since January, 1955

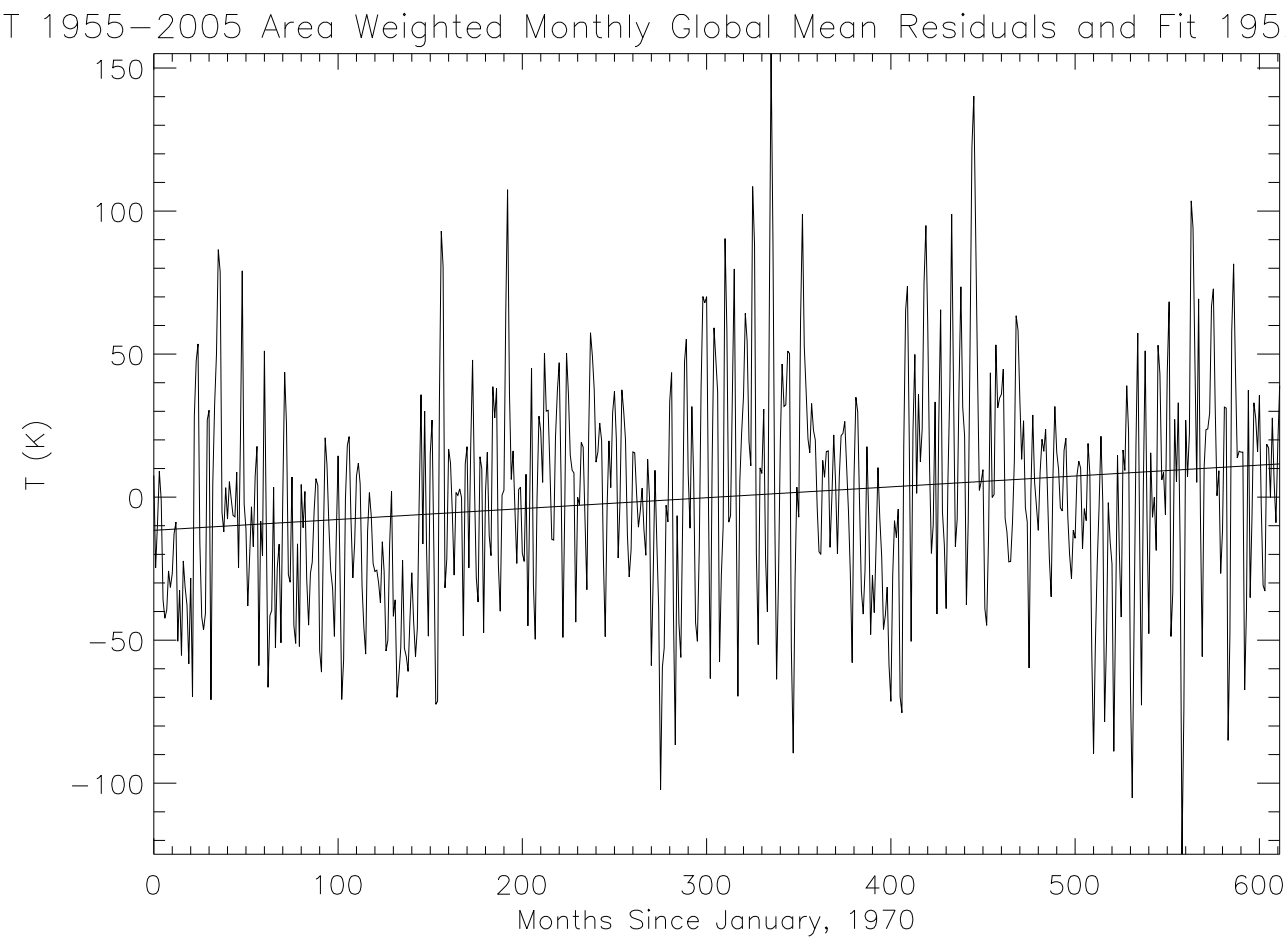

CO2 1970−2000 Area Weighted Monthly Global Mean Residuals and Fit 200.000 km
1×10−6
5×10−7
0
−5×10−7
CO2 mol/mol
0
100
200
300
Months Since January, 1970

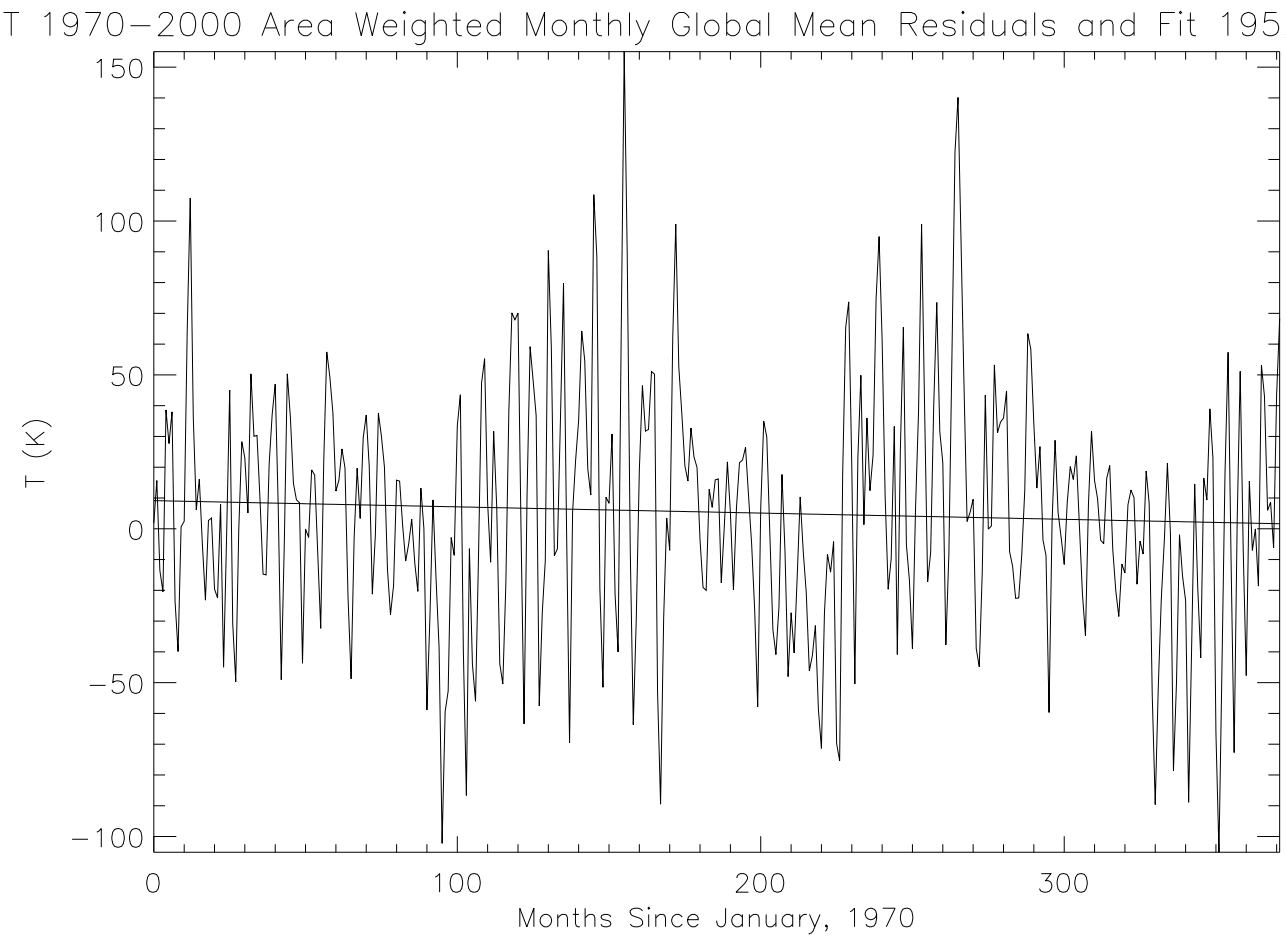

T 1955–2005 Area Weighted Monthly Global Mean Residuals and Fit 200.000 km
150
100
50
0
−50
−100
T (K)
0
100
200
300
400
500
600
Months Since January, 1970

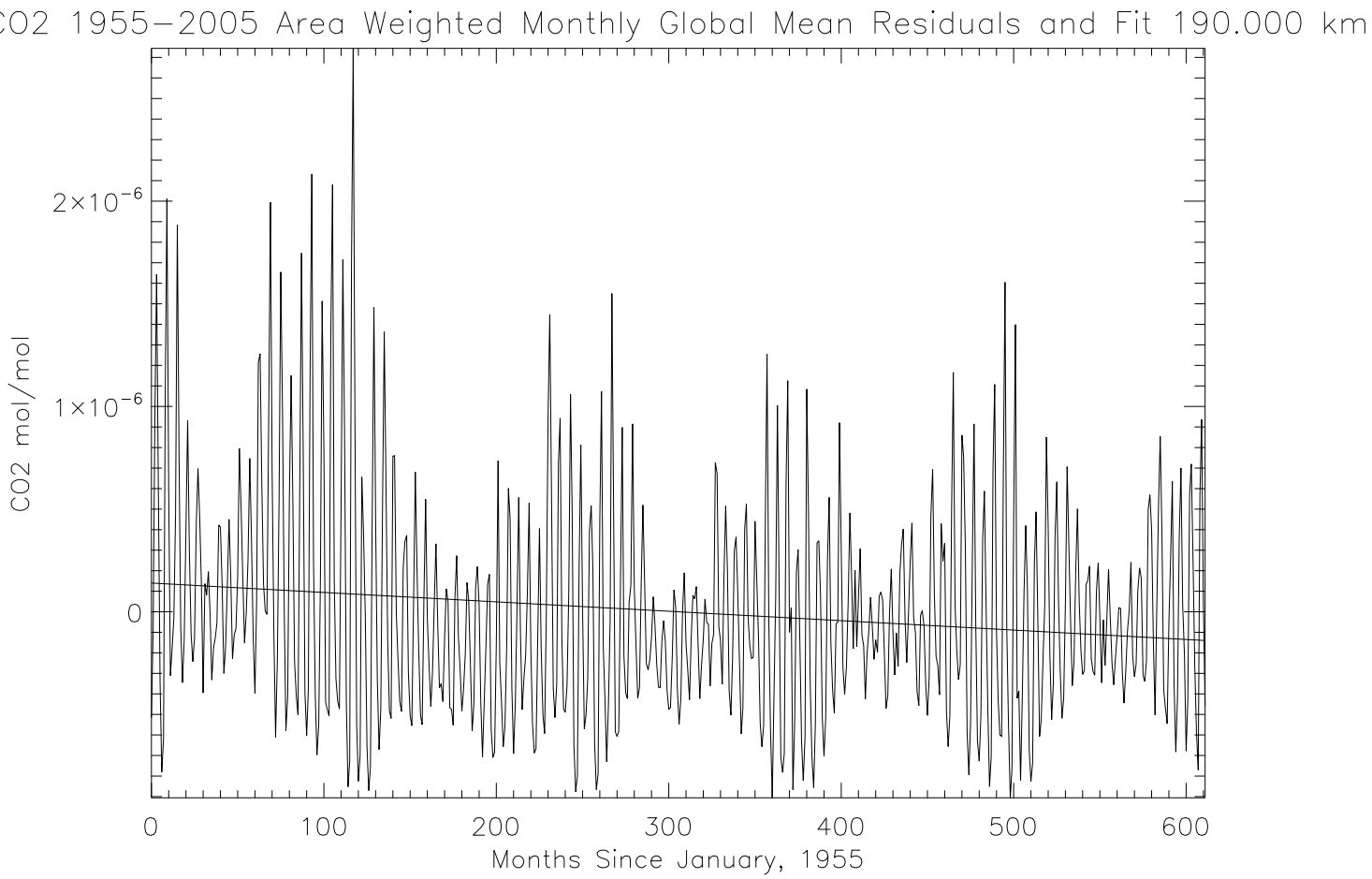

T 1970−2000 Area Weighted Monthly Global Mean Residuals and Fit 200.000 km
150
100
50
0
−50
−100
T (K)
0
100
200
300
Months Since January, 1970

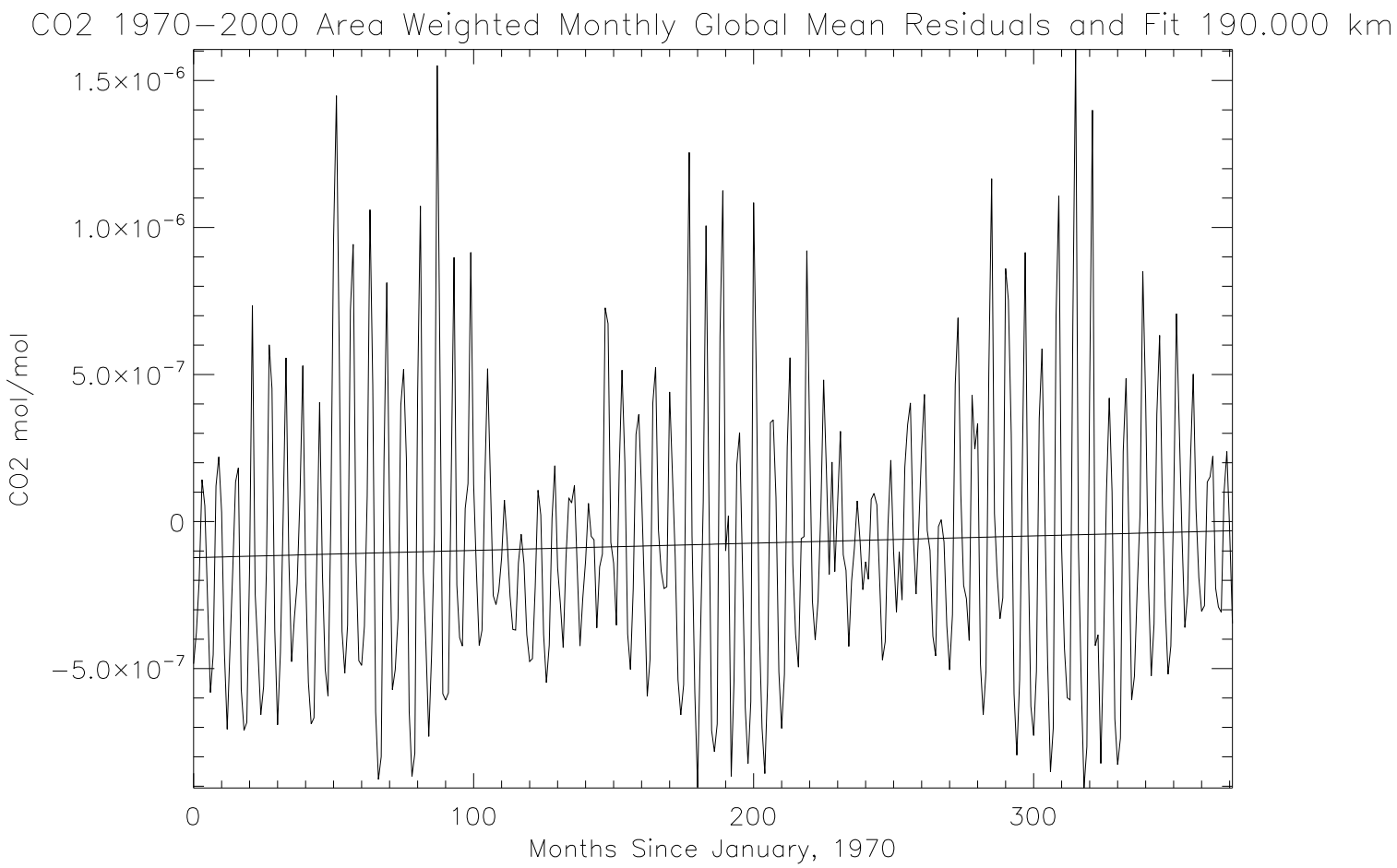

CO2 1955–2005 Area Weighted Monthly Global Mean Residuals and Fit 195.000 km
2.0×10^-6
1.5×10^-6
1.0×10^-6
5.0×10^-7
0
−5.0×10^-7
CO2 mol/mol
0
100
200
300
400
500
600
Months Since January, 1955

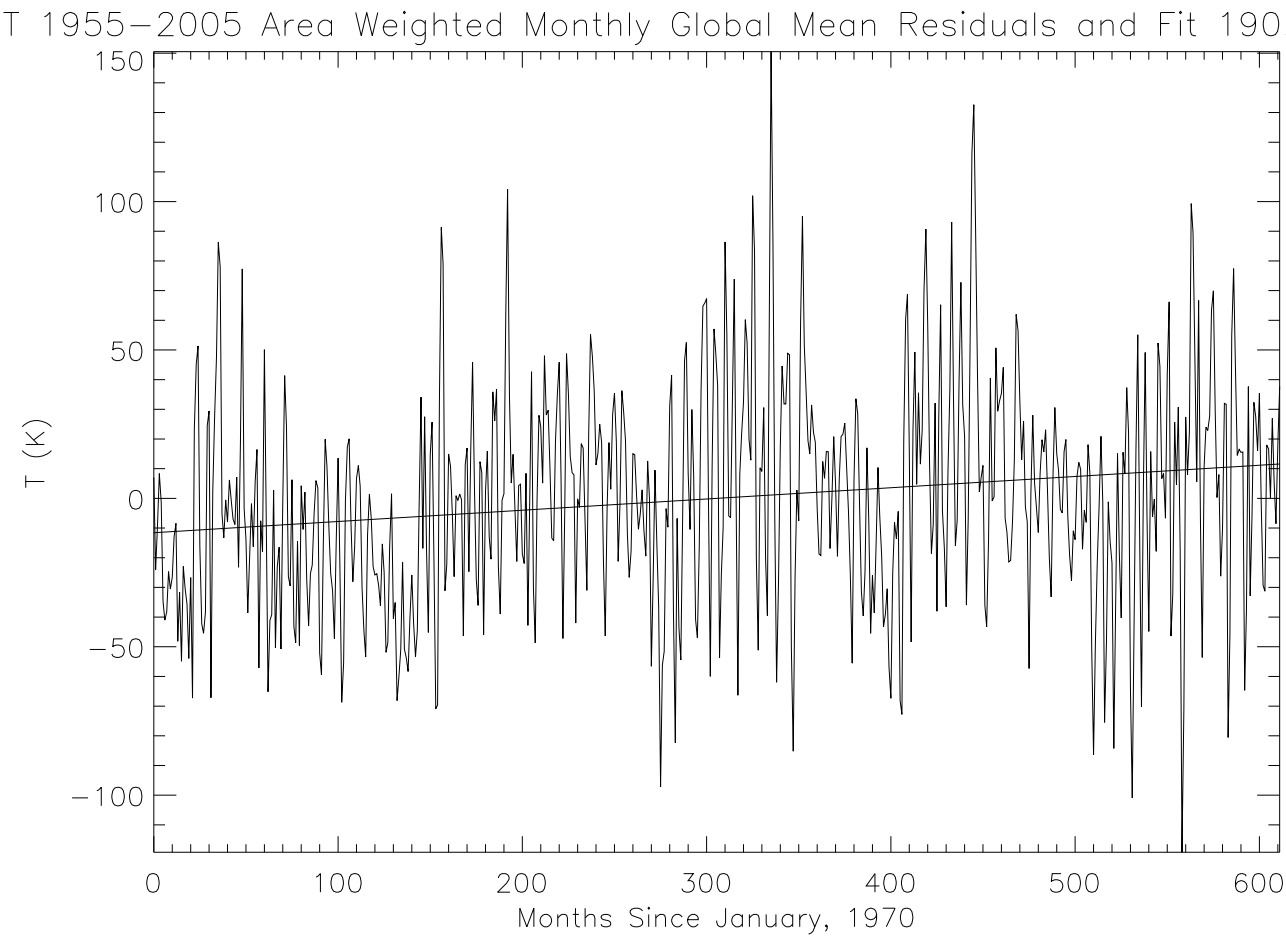

CO2 1970–2000 Area Weighted Monthly Global Mean Residuals and Fit 195.000 km
1×10^-6
5×10^-7
0
−5×10^-7
CO2 mol/mol
0
100
200
300
Months Since January, 1970

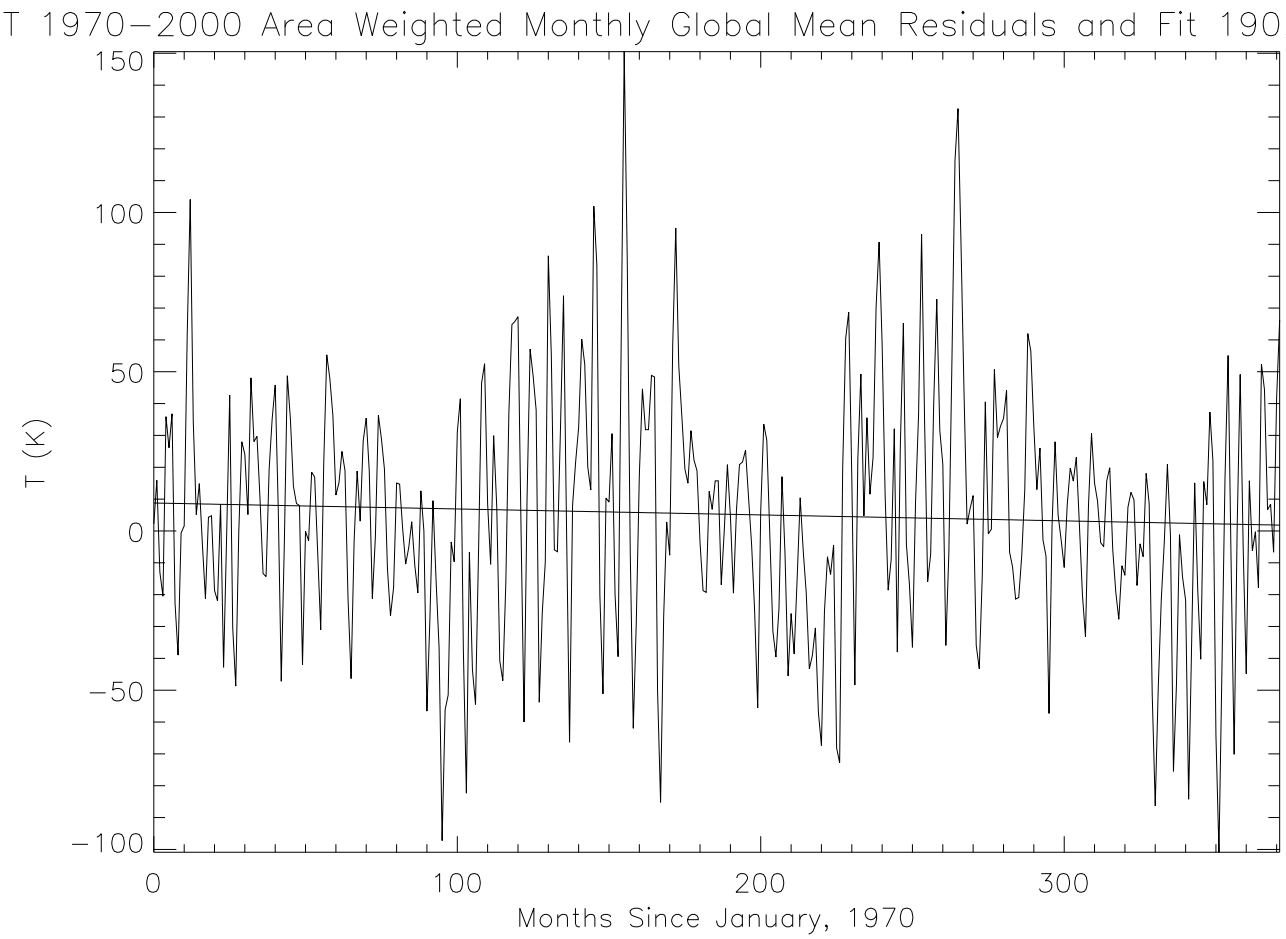

T 1955−2005 Area Weighted Monthly Global Mean Residuals and Fit 195.000 km
150
100
50
0
−50
−100
T (K)
0
100
200
300
400
500
600
Months Since January, 1970

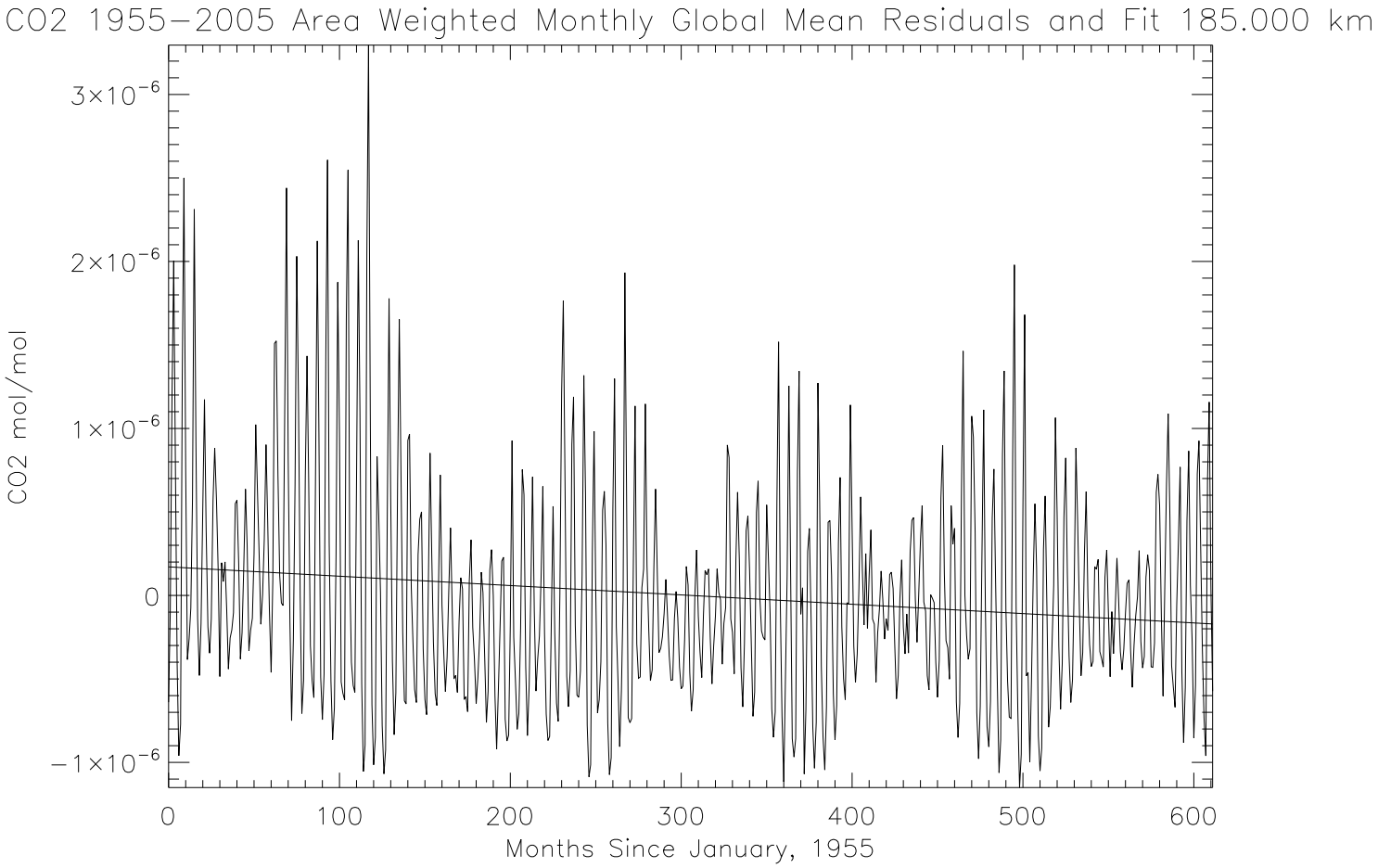

T 1970−2000 Area Weighted Monthly Global Mean Residuals and Fit 195.000 km
150
100
50
0
−50
−100
T (K)
0
100
200
300
Months Since January, 1970

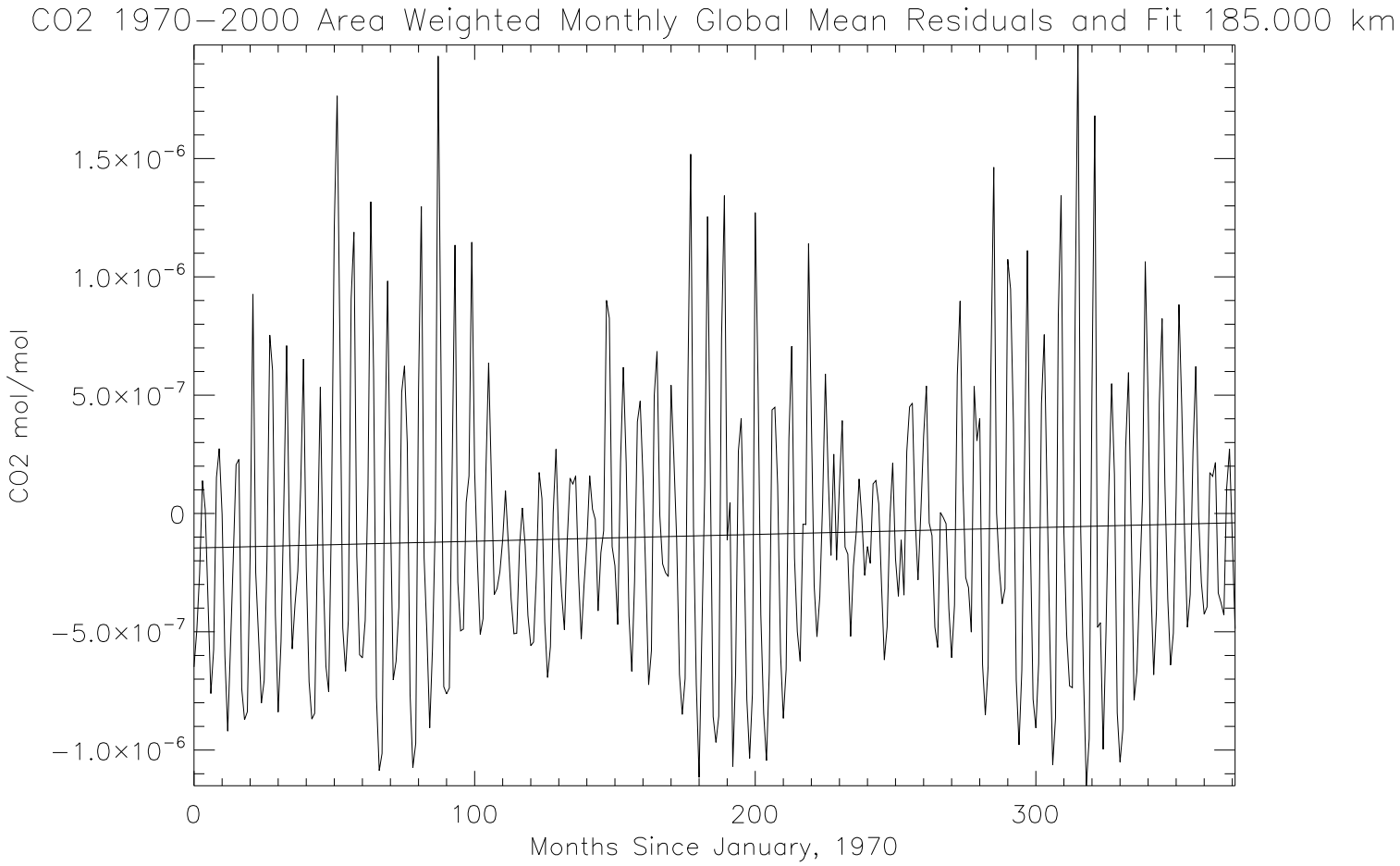

CO2 1955–2005 Area Weighted Monthly Global Mean Residuals and Fit 190.000 km
2×10⁻⁶
1×10⁻⁶
0
CO2 mol/mol
0
100
200
300
400
500
600
Months Since January, 1955

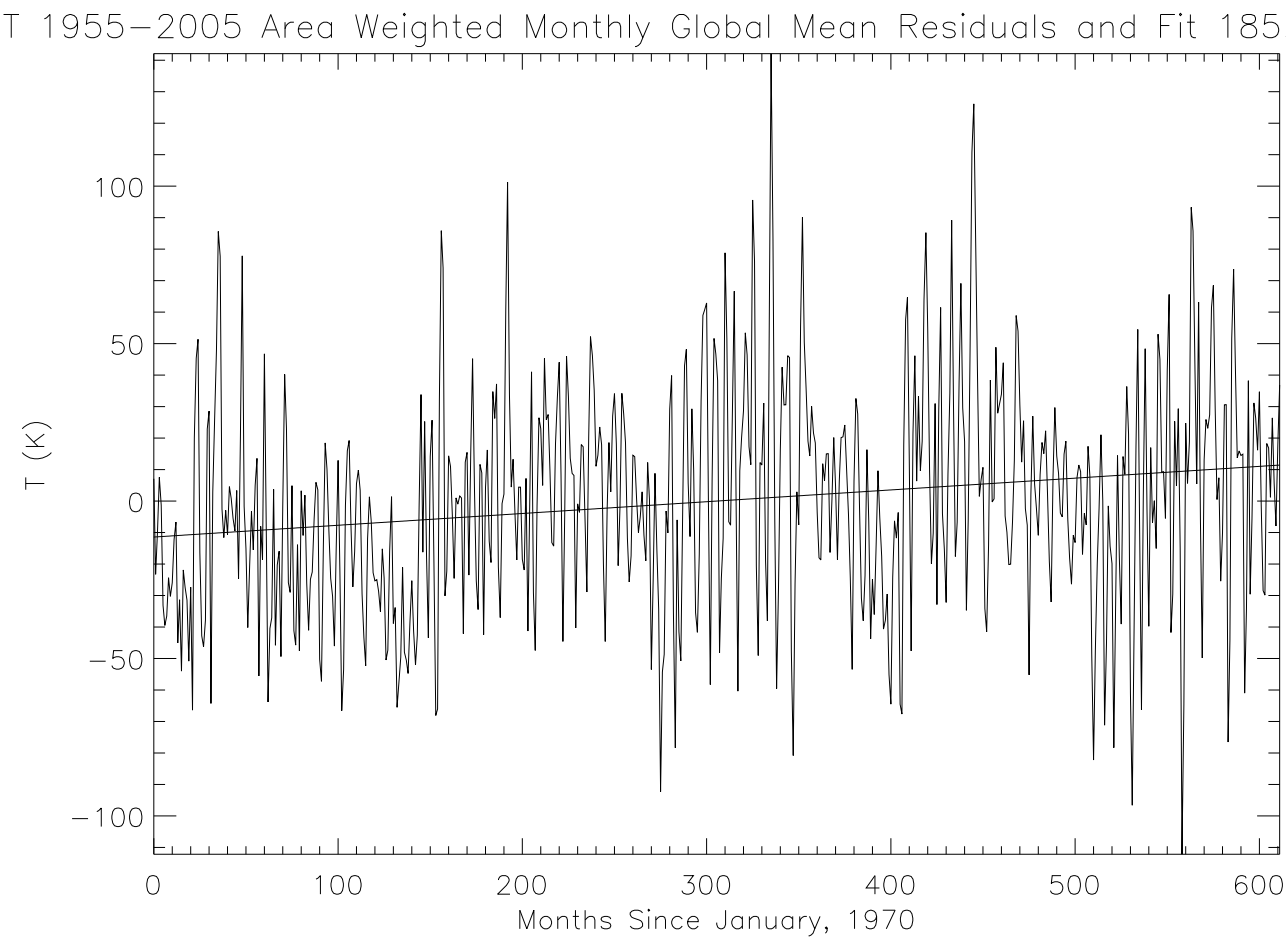

CO2 1970−2000 Area Weighted Monthly Global Mean Residuals and Fit 190.000 km
1.5×10−6
1.0×10−6
5.0×10−7
0
−5.0×10−7
CO2 mol/mol
0
100
200
300
Months Since January, 1970

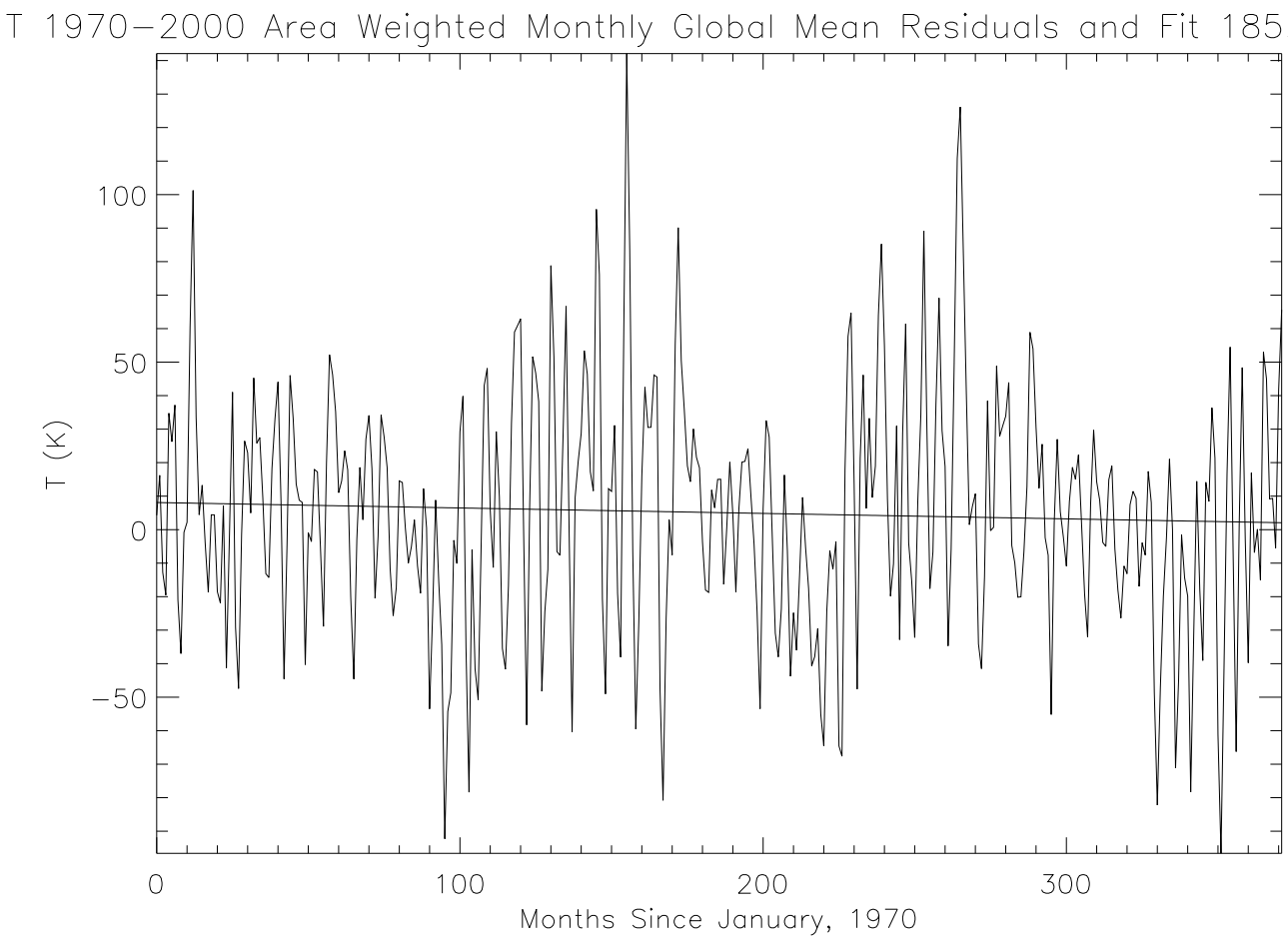

T 1955−2005 Area Weighted Monthly Global Mean Residuals and Fit 190.000 km
150
100
50
0
−50
−100
T (K)
0
100
200
300
400
500
600
Months Since January, 1970

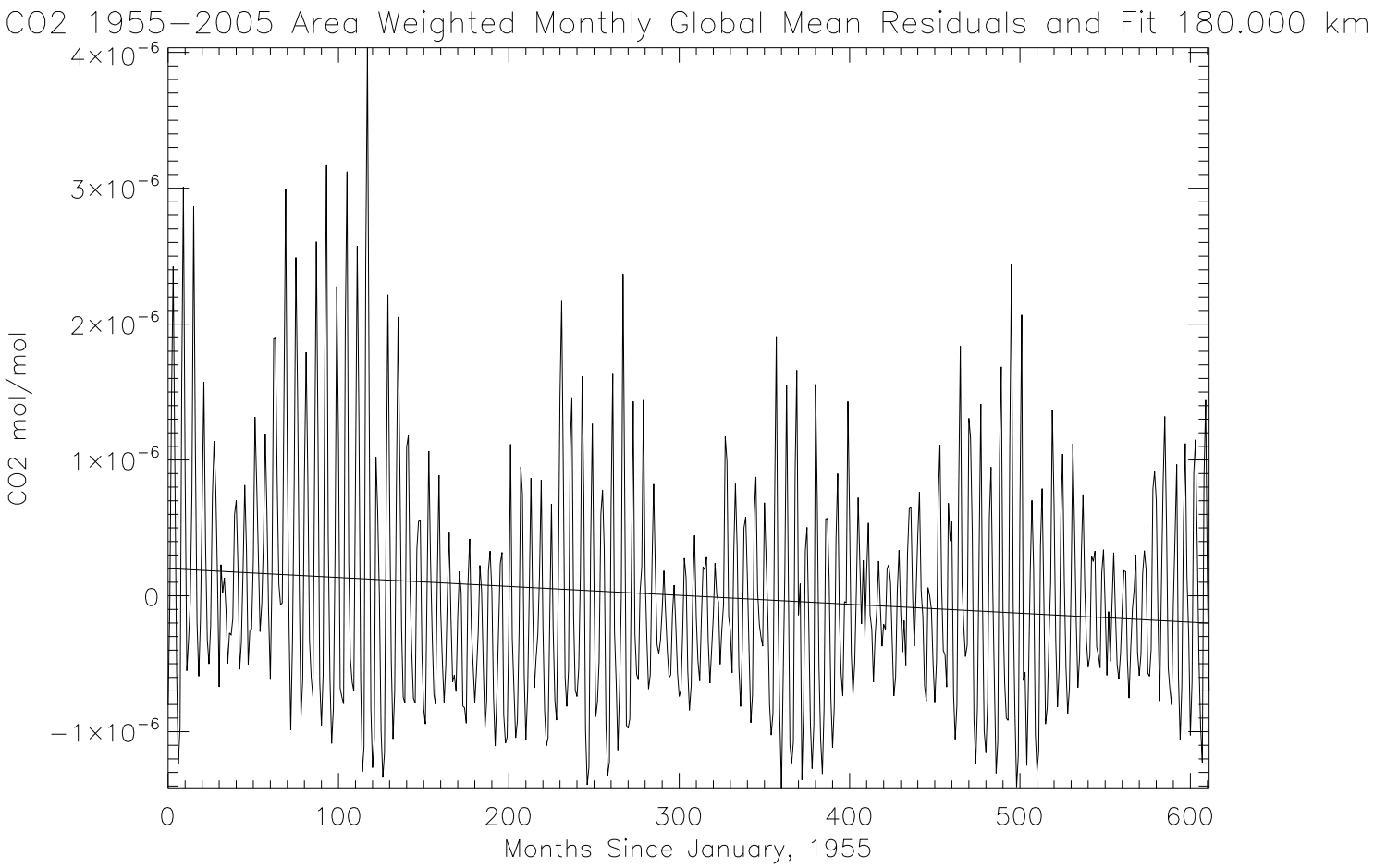

T 1970−2000 Area Weighted Monthly Global Mean Residuals and Fit 190.000 km
150
100
50
0
−50
−100
T (K)
0
100
200
300
Months Since January, 1970

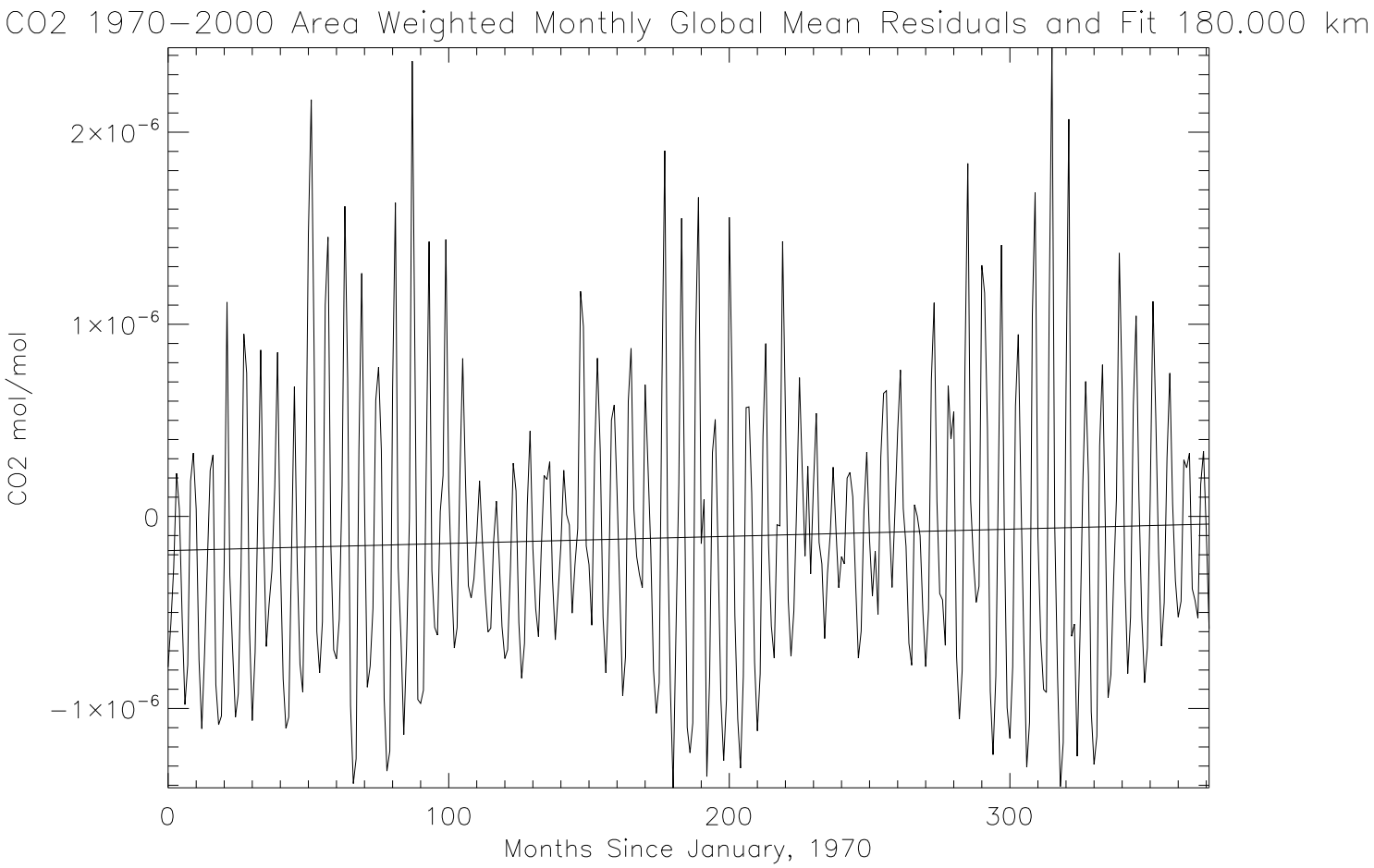

CO2 1955−2005 Area Weighted Monthly Global Mean Residuals and Fit 185.000 km
3×10−6
2×10−6
1×10−6
0
−1×10−6
CO2 mol/mol
0
100
200
300
400
500
600
Months Since January, 1955

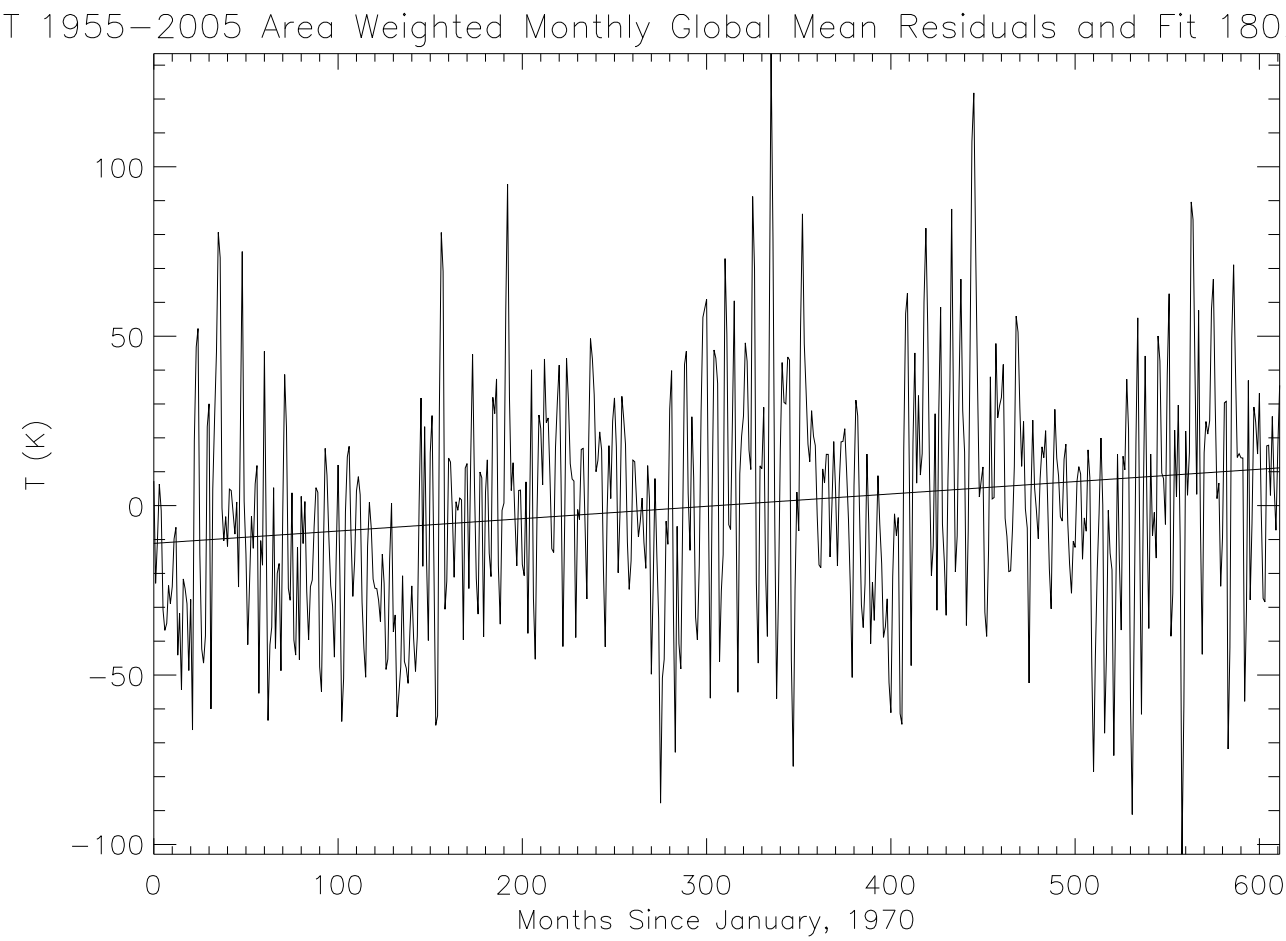

CO2 1970−2000 Area Weighted Monthly Global Mean Residuals and Fit 185.000 km
1.5×10−6
1.0×10−6
5.0×10−7
0
−5.0×10−7
−1.0×10−6
CO2 mol/mol
0
100
200
300
Months Since January, 1970

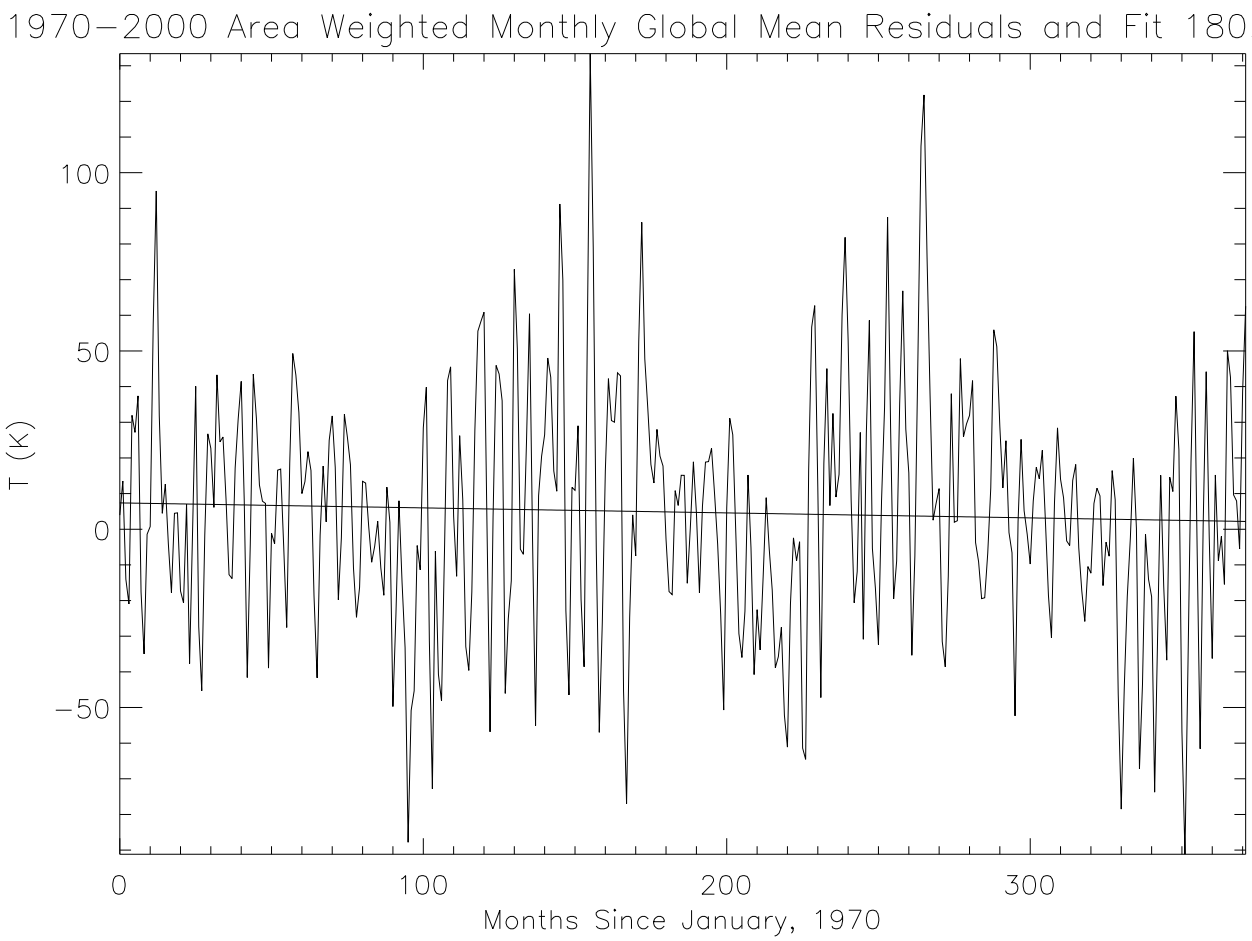

T 1955−2005 Area Weighted Monthly Global Mean Residuals and Fit 185.000 km
T (K)
100
50
0
−50
−100
0
100
200
300
400
500
600
Months Since January, 1970

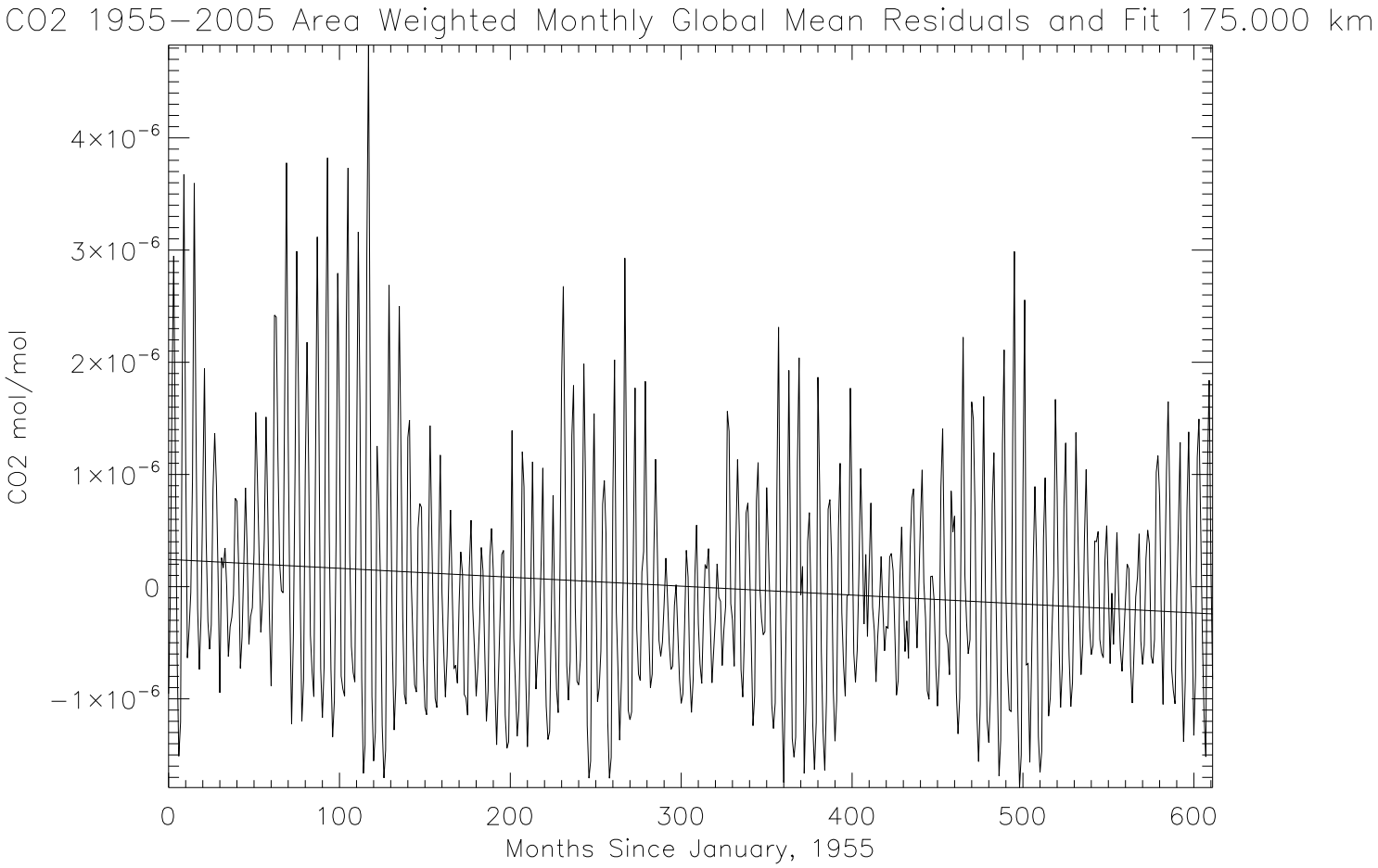

T 1970−2000 Area Weighted Monthly Global Mean Residuals and Fit 185.000 km
100
50
0
−50
T (K)
0
100
200
300
Months Since January, 1970

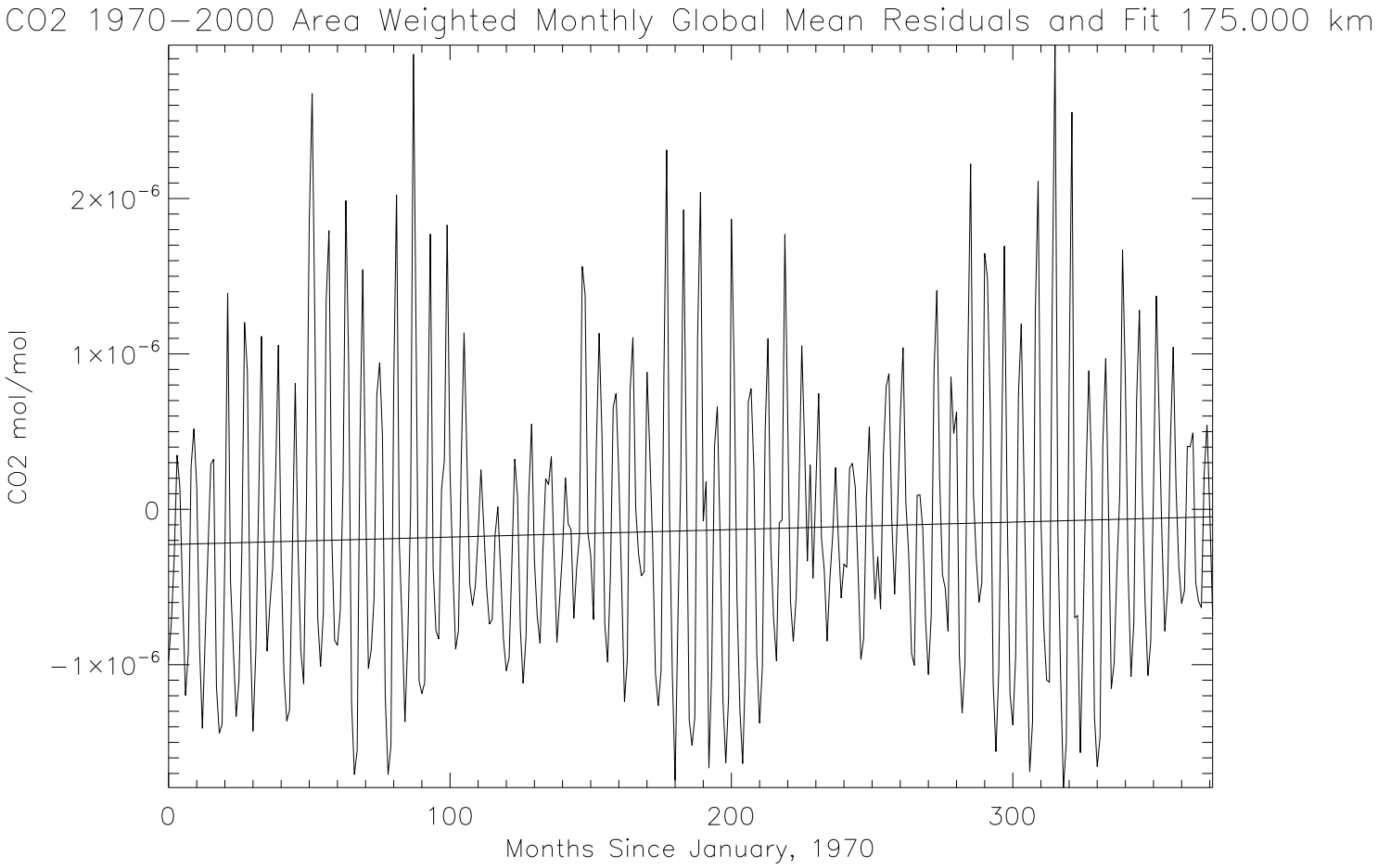

CO2 1955–2005 Area Weighted Monthly Global Mean Residuals and Fit 180.000 km
4×10⁻⁶
3×10⁻⁶
2×10⁻⁶
1×10⁻⁶
0
−1×10⁻⁶
CO2 mol/mol
0
100
200
300
400
500
600
Months Since January, 1955

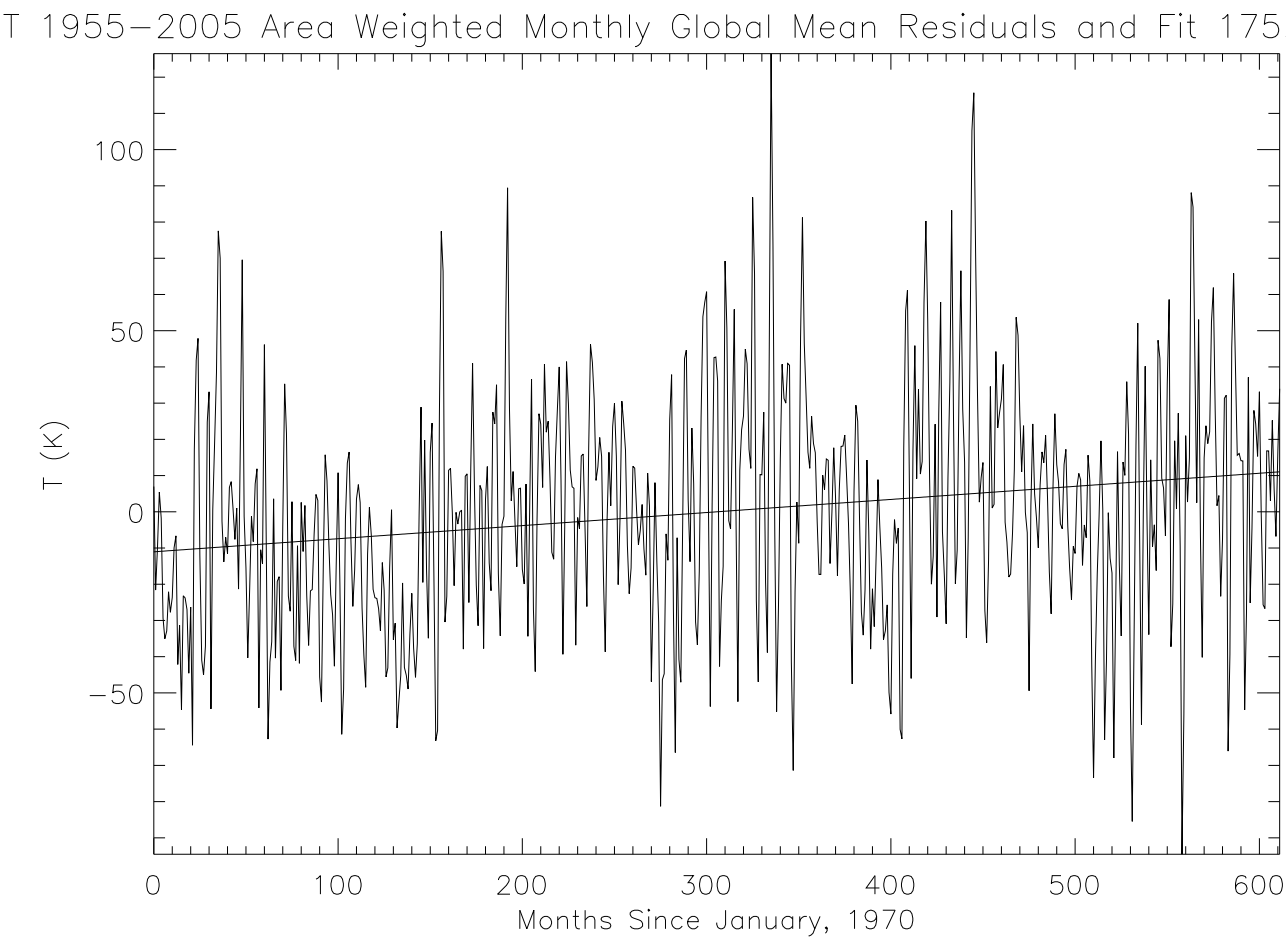

CO2 1970−2000 Area Weighted Monthly Global Mean Residuals and Fit 180.000 km
2×10−6
1×10−6
0
−1×10−6
CO2 mol/mol
0
100
200
300
Months Since January, 1970

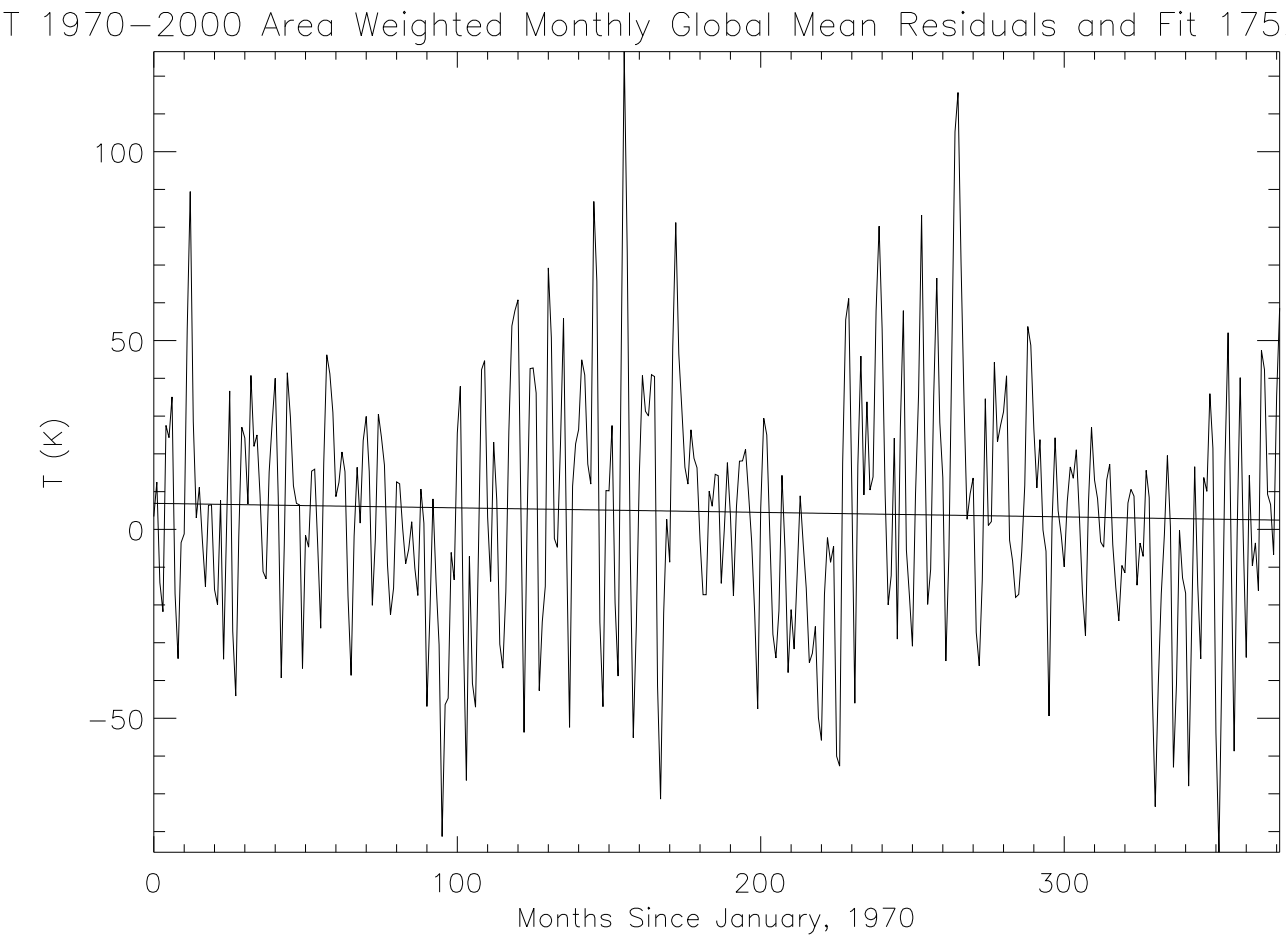

T 1955−2005 Area Weighted Monthly Global Mean Residuals and Fit 180.000 km
T (K)
100
50
0
−50
−100
0
100
200
300
400
500
600
Months Since January, 1970

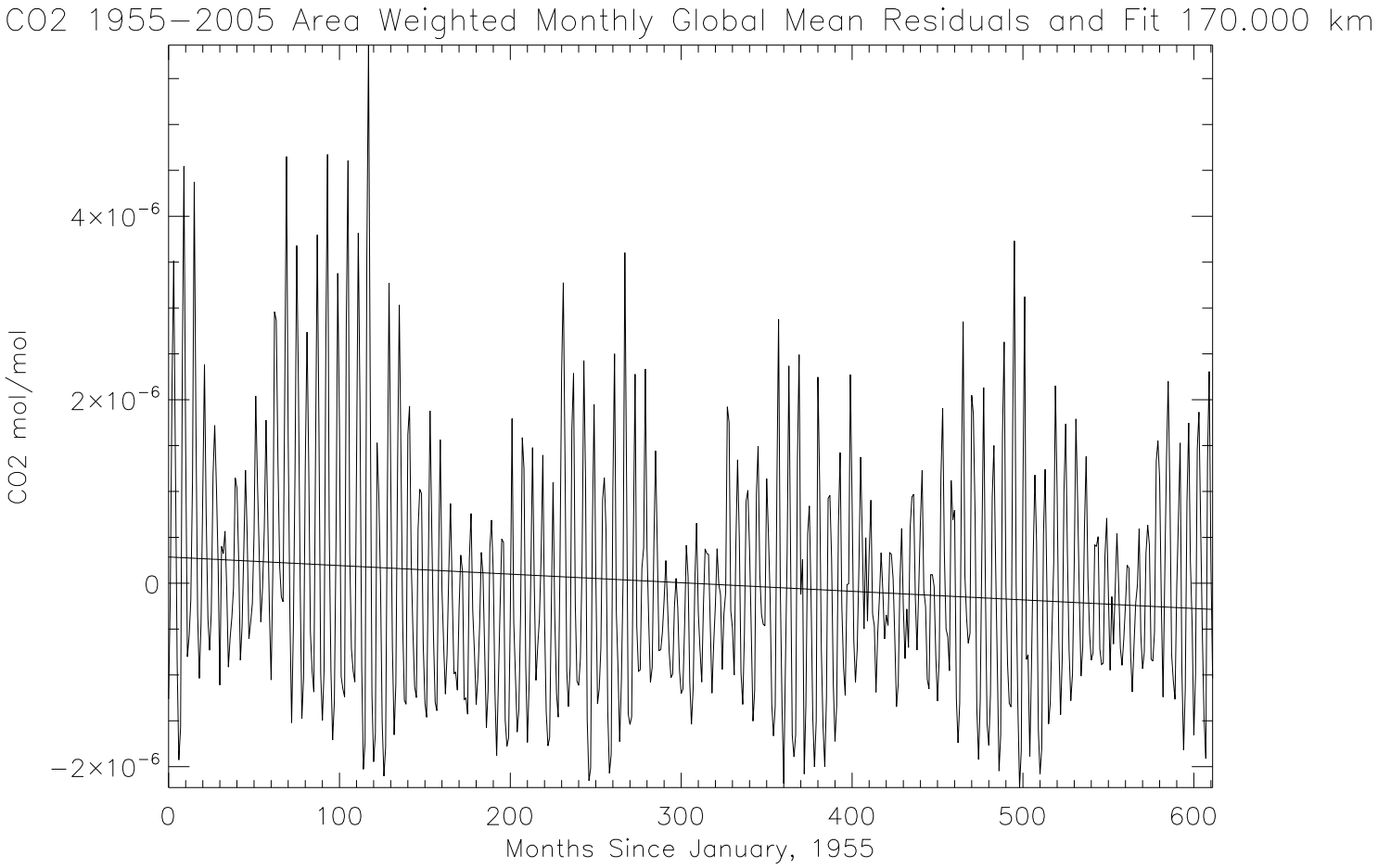

T 1970−2000 Area Weighted Monthly Global Mean Residuals and Fit 180.000 km
100
50
0
−50
T (K)
0
100
200
300
Months Since January, 1970

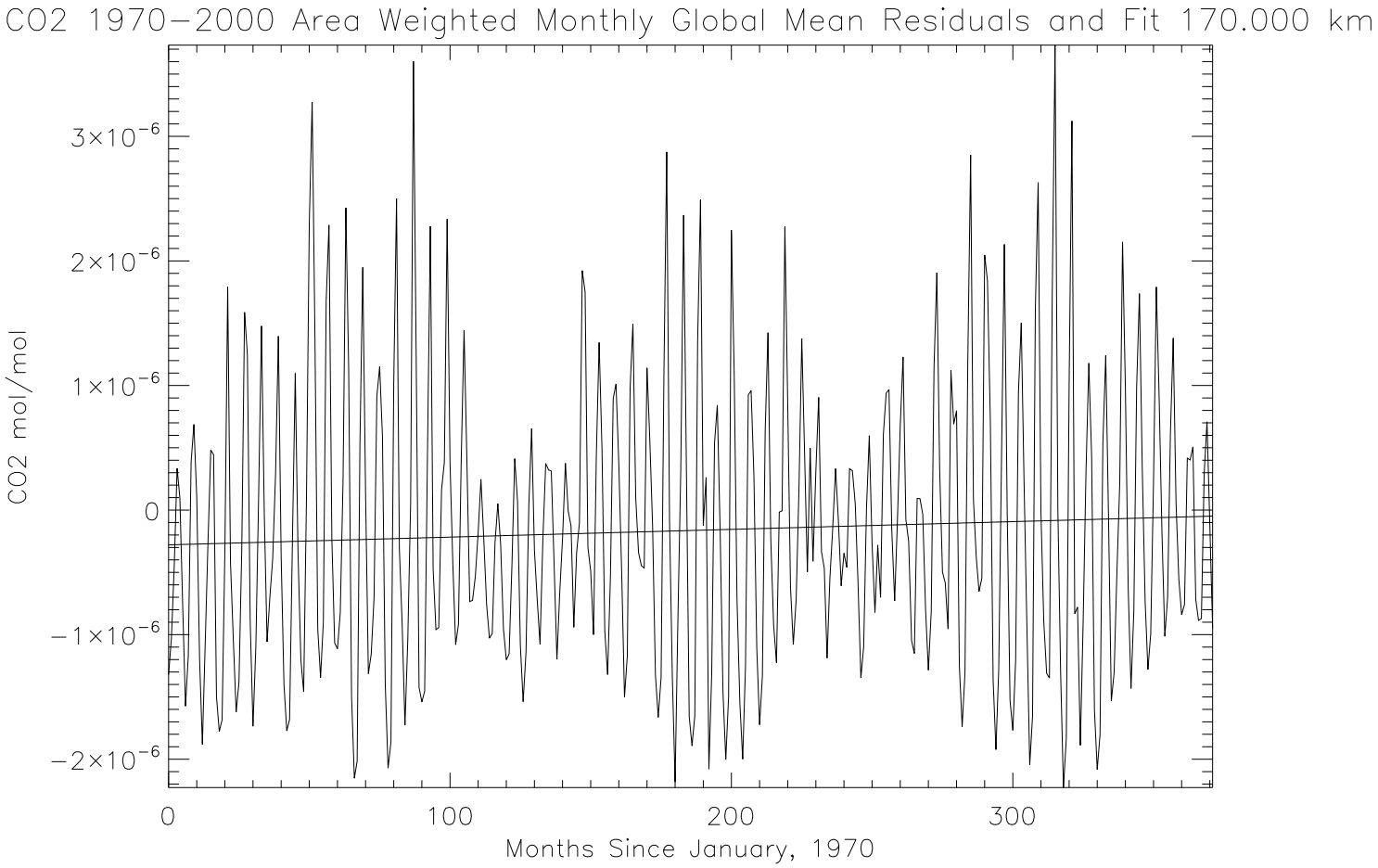

CO2 1955−2005 Area Weighted Monthly Global Mean Residuals and Fit 175.000 km
CO2 mol/mol
4×10−6
3×10−6
2×10−6
1×10−6
0
−1×10−6
0
100
200
300
400
500
600
Months Since January, 1955

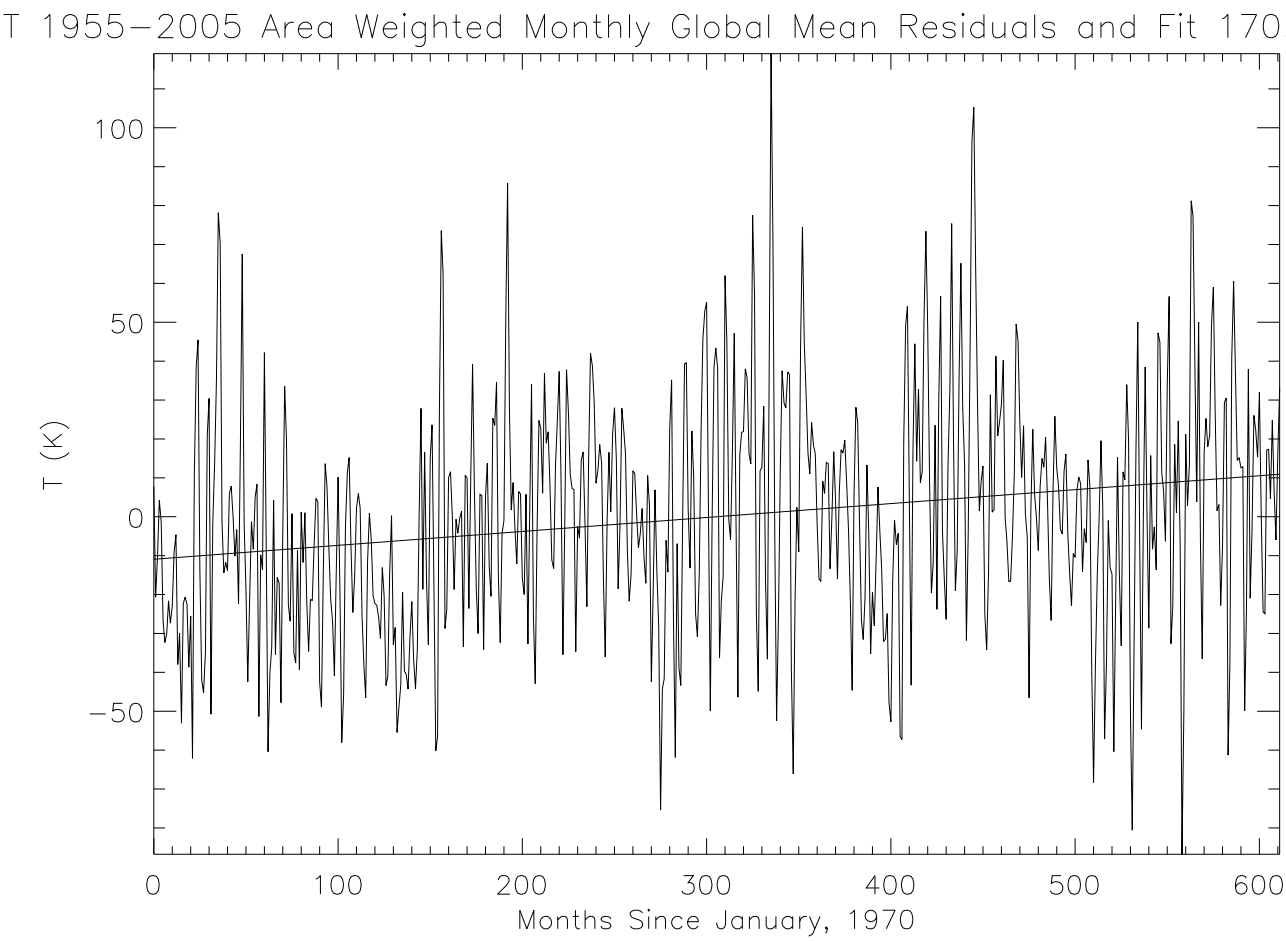

CO2 1970−2000 Area Weighted Monthly Global Mean Residuals and Fit 175.000 km
2×10−6
1×10−6
0
−1×10−6
CO2 mol/mol
0
100
200
300
Months Since January, 1970

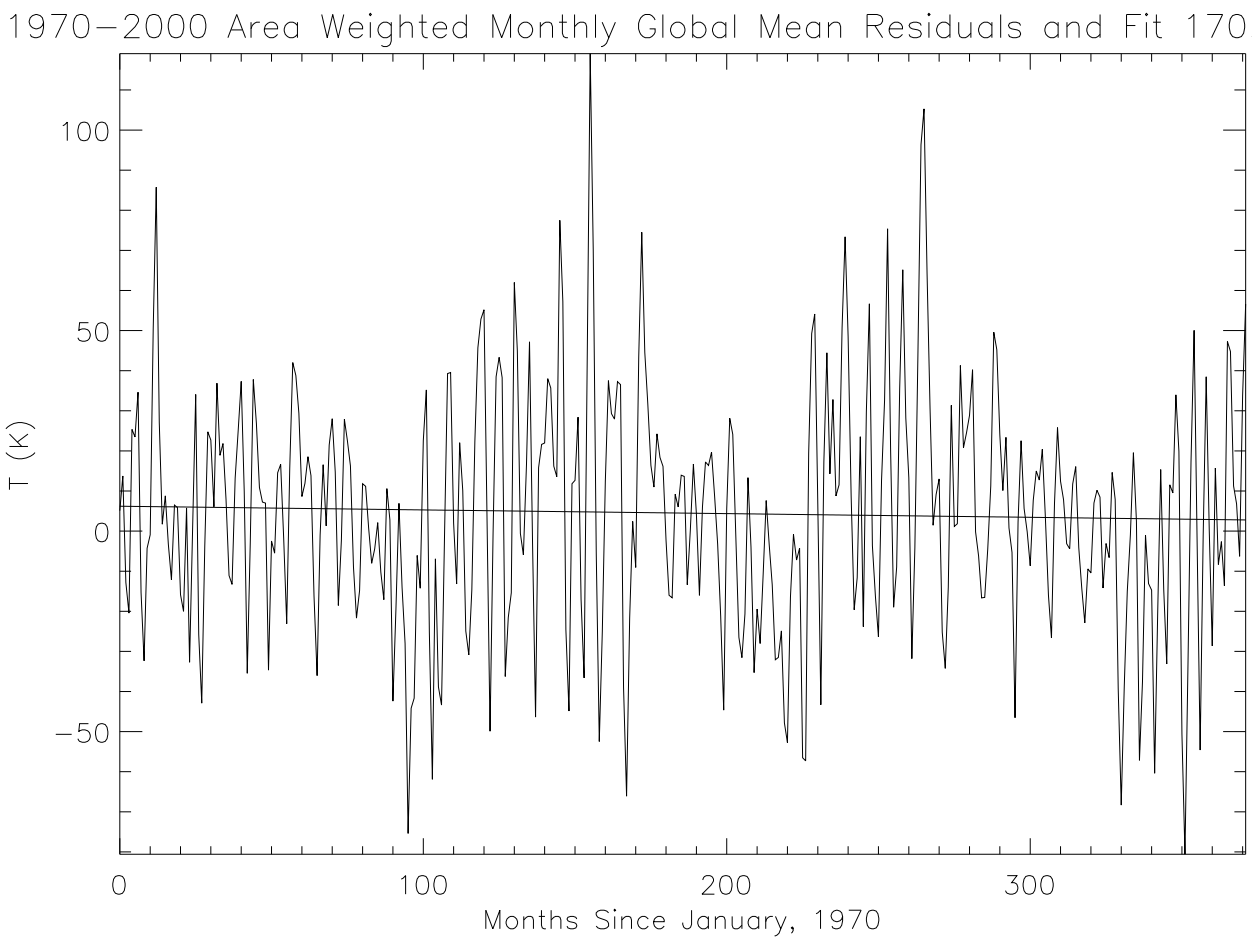

T 1955−2005 Area Weighted Monthly Global Mean Residuals and Fit 175.000 km
100
50
0
−50
T (K)
0
100
200
300
400
500
600
Months Since January, 1970

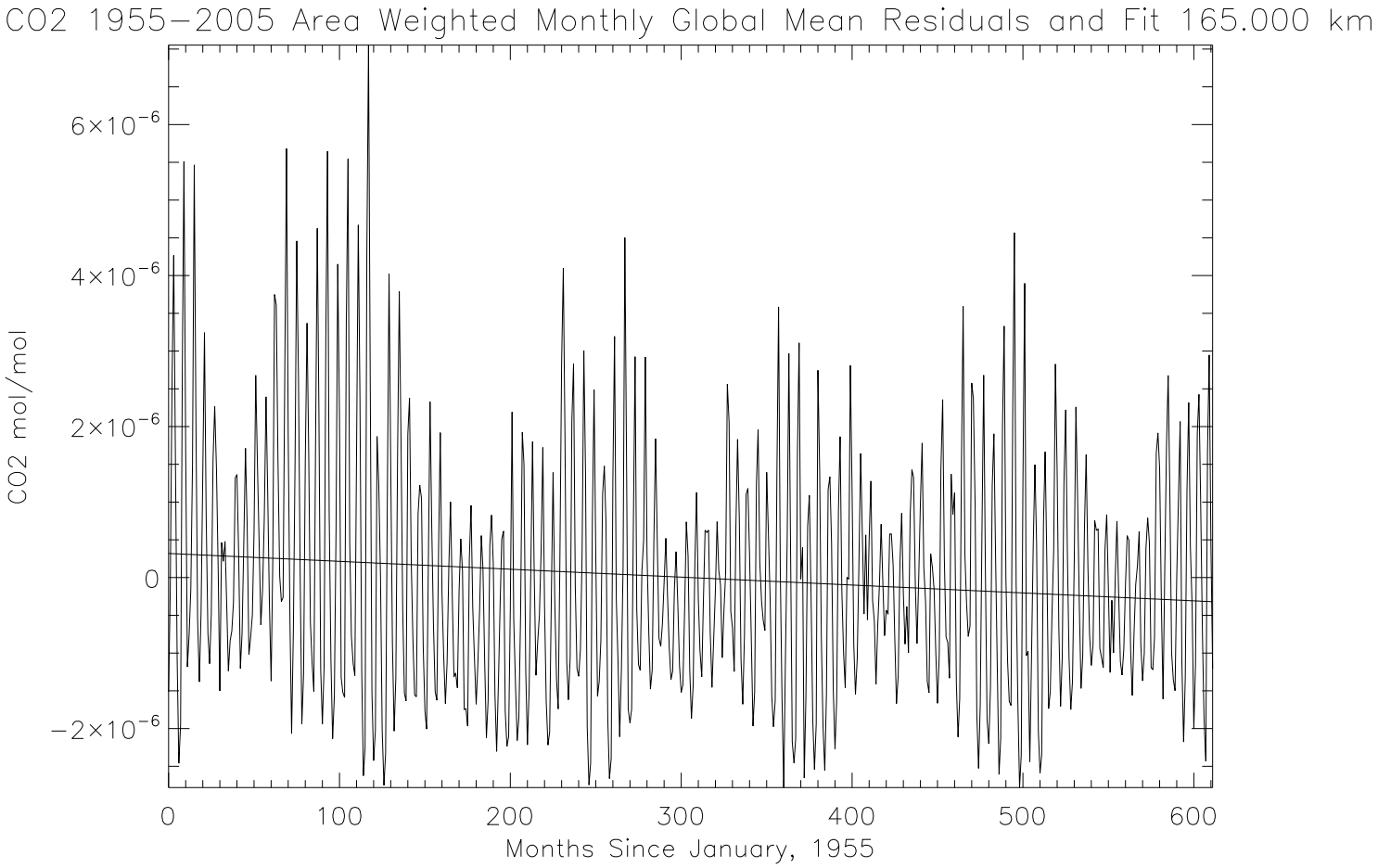

T 1970−2000 Area Weighted Monthly Global Mean Residuals and Fit 175.000 km
100
50
0
−50
T (K)
0
100
200
300
Months Since January, 1970

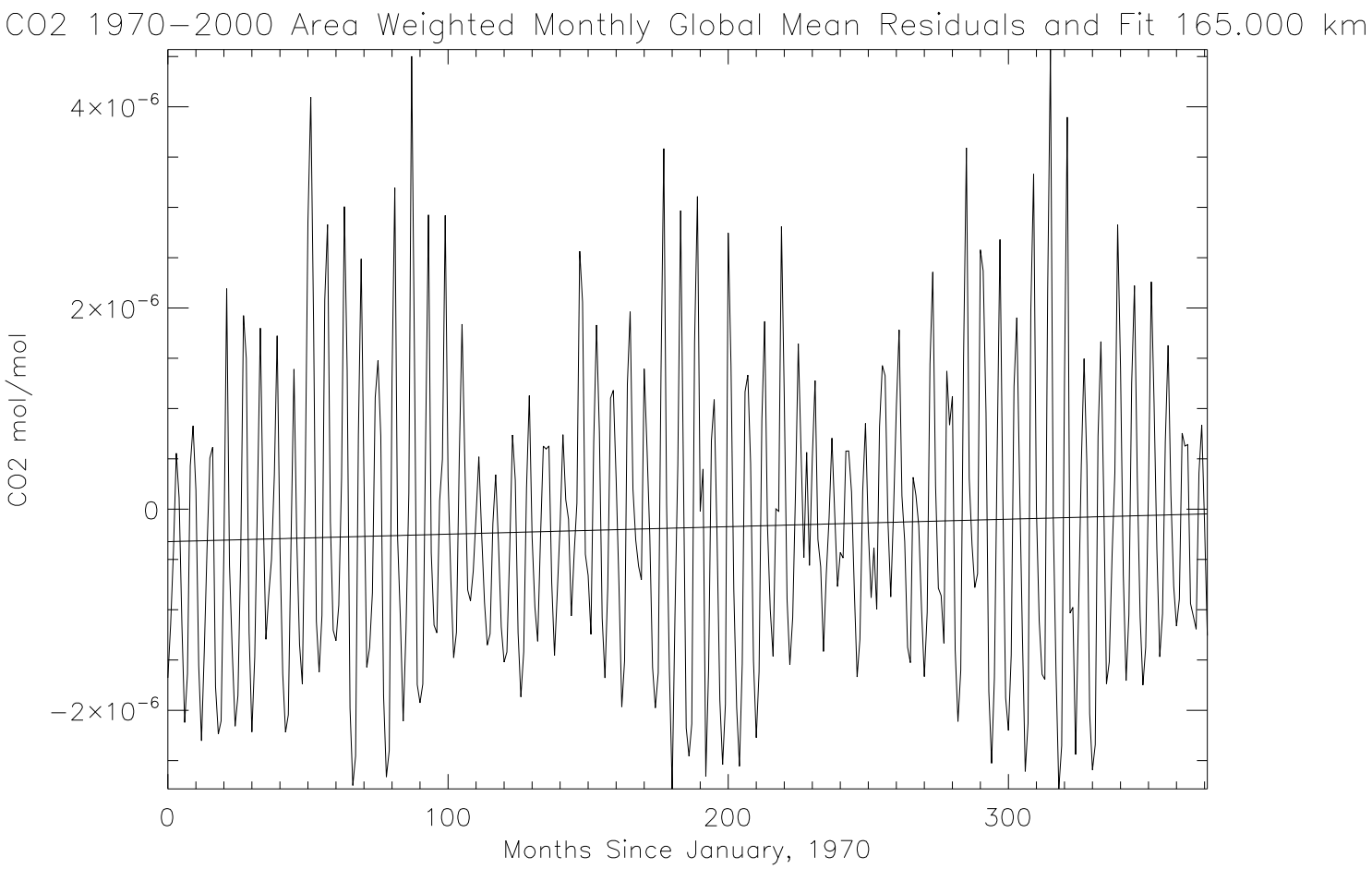

CO2 1955−2005 Area Weighted Monthly Global Mean Residuals and Fit 170.000 km
CO2 mol/mol
4×10−6
2×10−6
0
−2×10−6
0
100
200
300
400
500
600
Months Since January, 1955

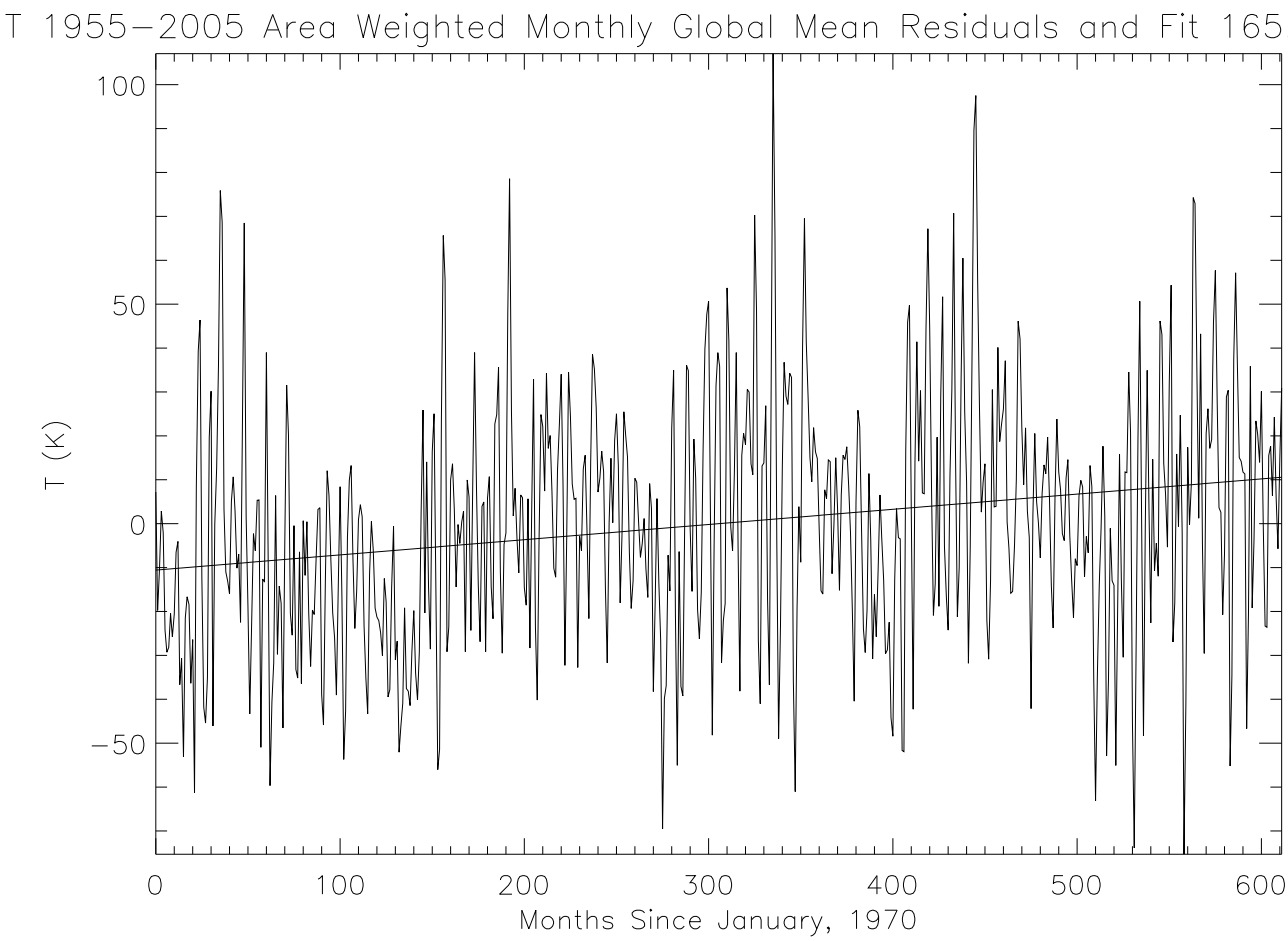

CO2 1970–2000 Area Weighted Monthly Global Mean Residuals and Fit 170.000 km
3×10⁻⁶
2×10⁻⁶
1×10⁻⁶
0
−1×10⁻⁶
−2×10⁻⁶
CO2 mol/mol
0
100
200
300
Months Since January, 1970

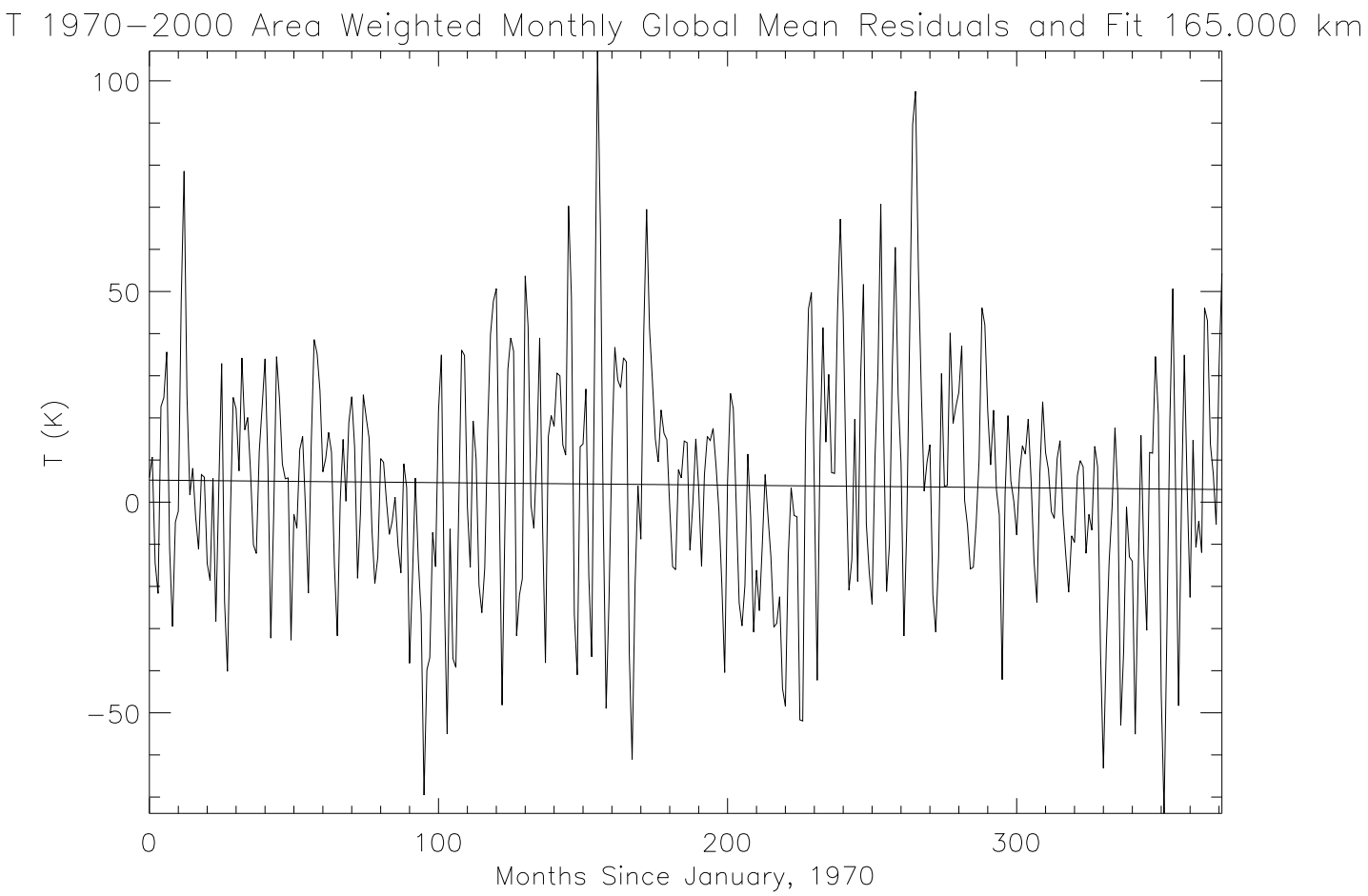

T 1955−2005 Area Weighted Monthly Global Mean Residuals and Fit 170.000 km
100
50
0
−50
T (K)
0
100
200
300
400
500
600
Months Since January, 1970

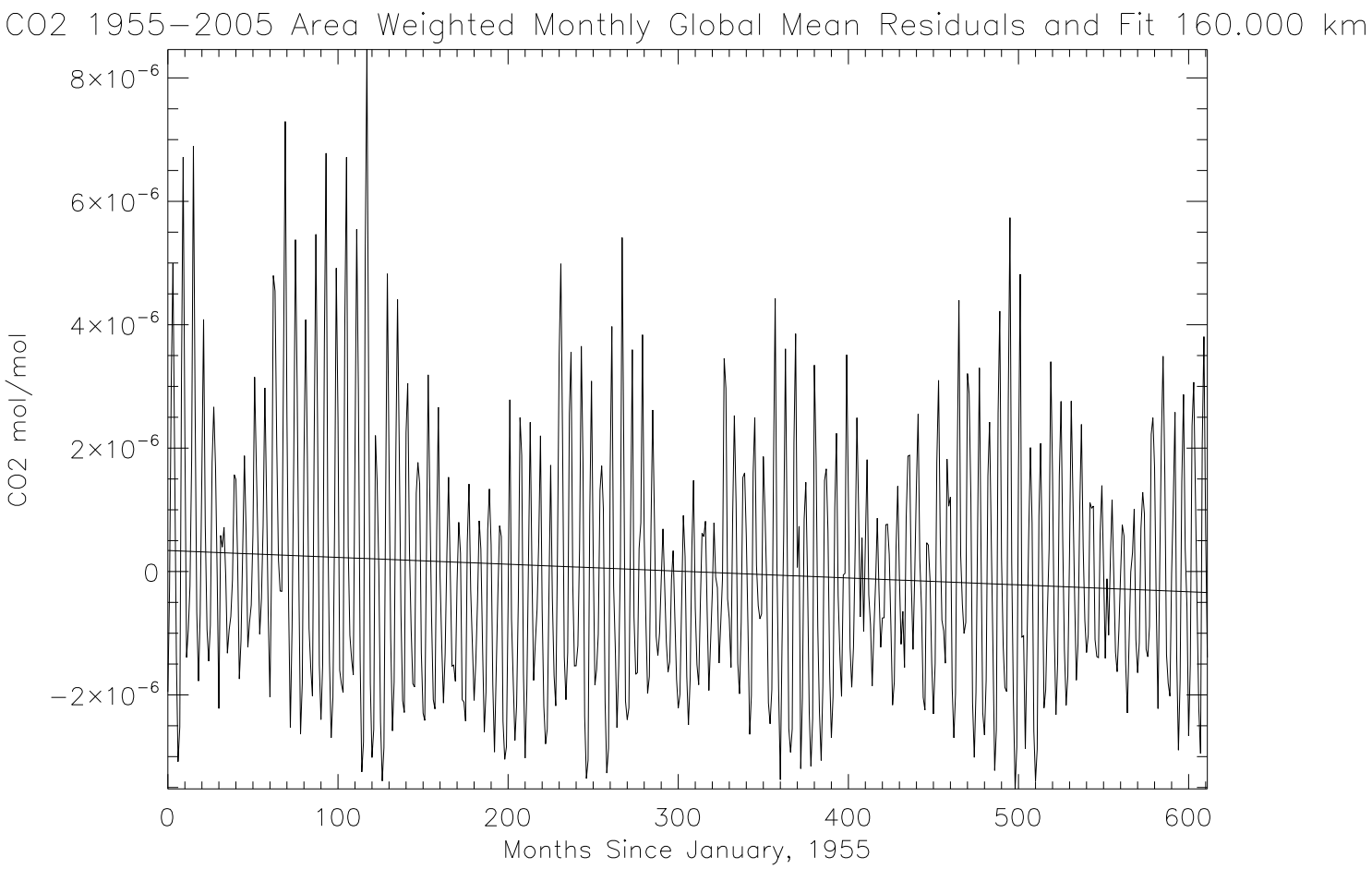

T 1970−2000 Area Weighted Monthly Global Mean Residuals and Fit 170.000 km
100
50
0
−50
T (K)
0
100
200
300
Months Since January, 1970

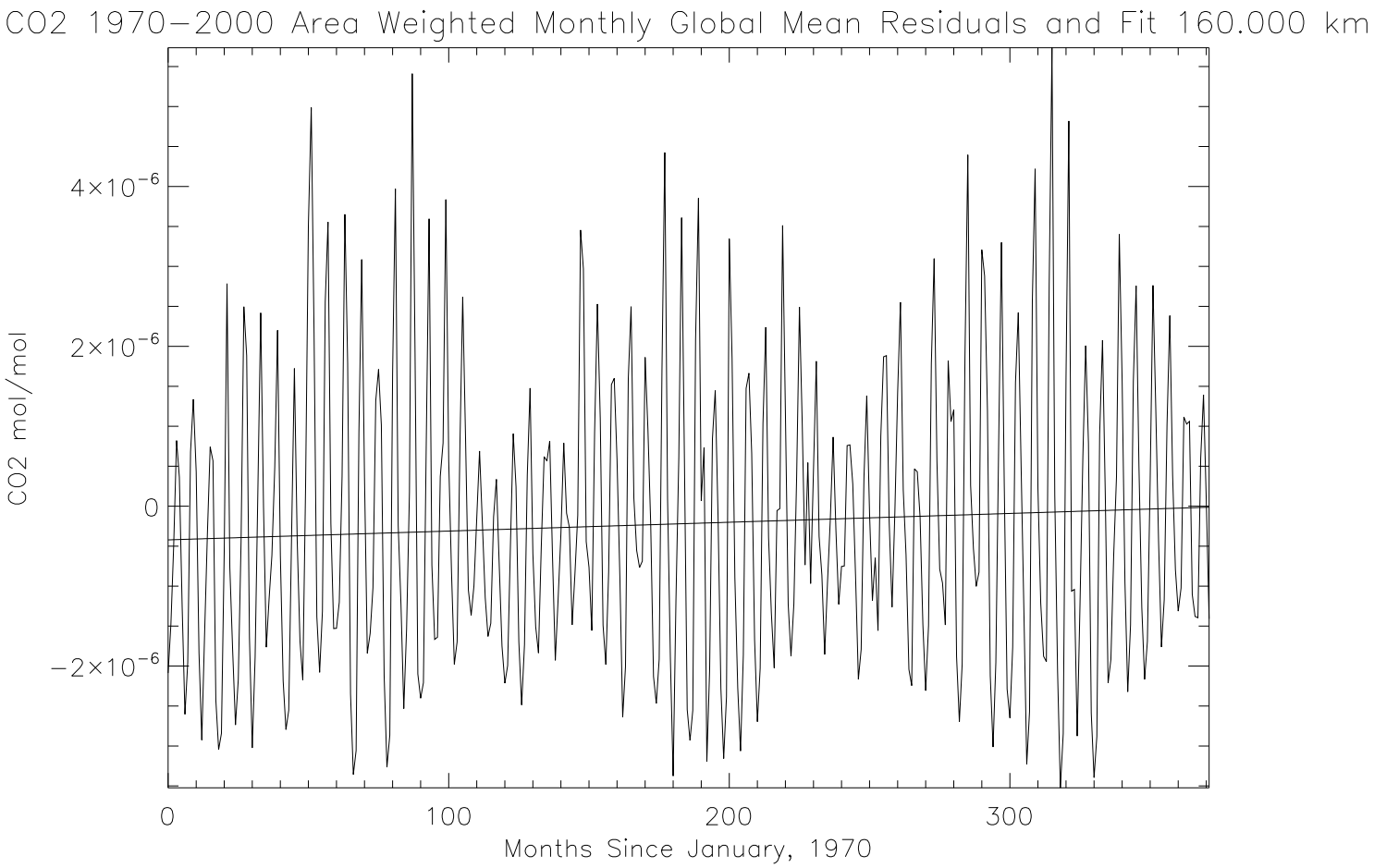

CO2 1955–2005 Area Weighted Monthly Global Mean Residuals and Fit 165.000 km
6×10⁻⁶
4×10⁻⁶
2×10⁻⁶
0
−2×10⁻⁶
CO2 mol/mol
0
100
200
300
400
500
600
Months Since January, 1955

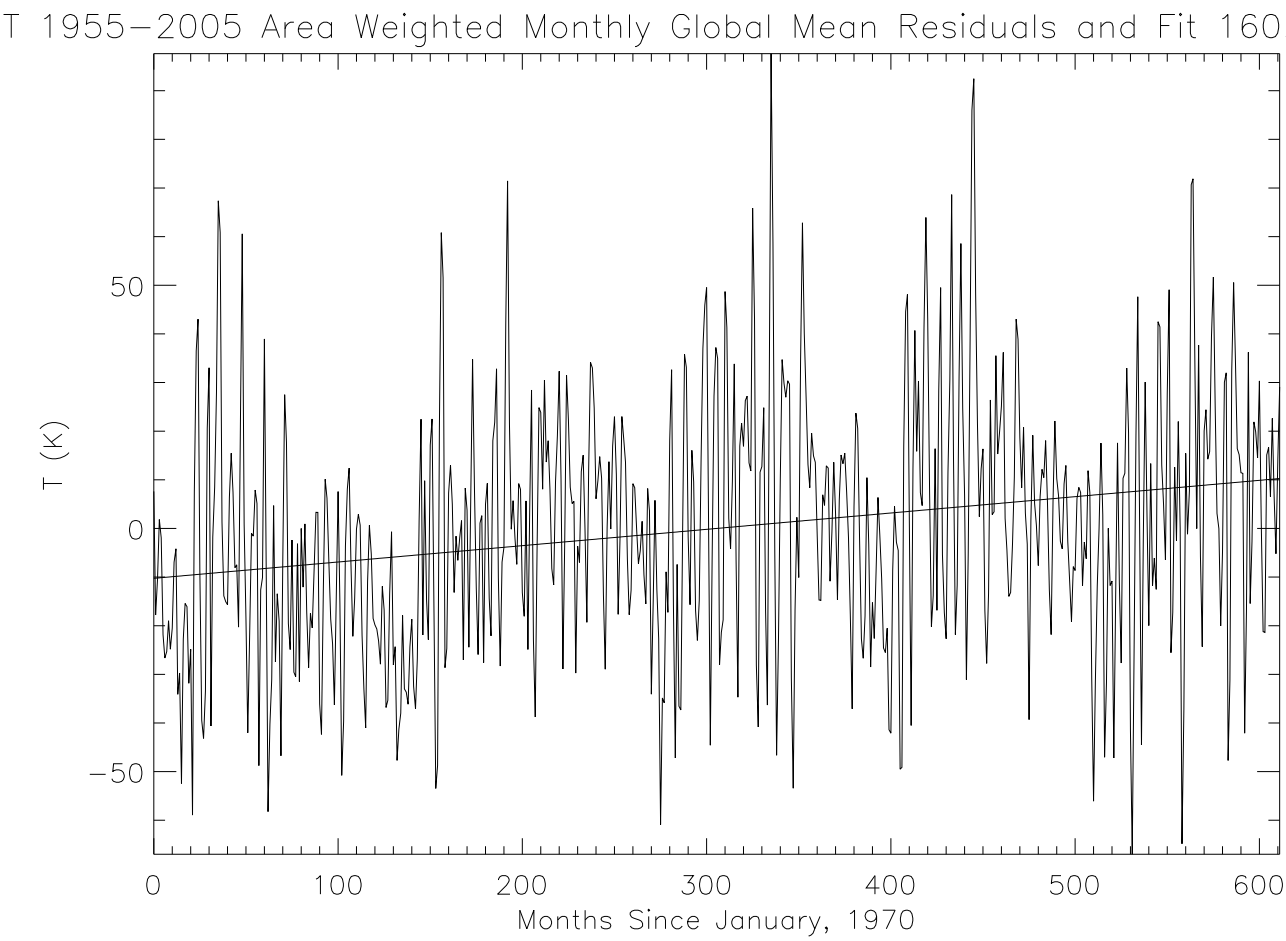

CO2 1970−2000 Area Weighted Monthly Global Mean Residuals and Fit 165.000 km
4×10−6
2×10−6
0
−2×10−6
CO2 mol/mol
0
100
200
300
Months Since January, 1970

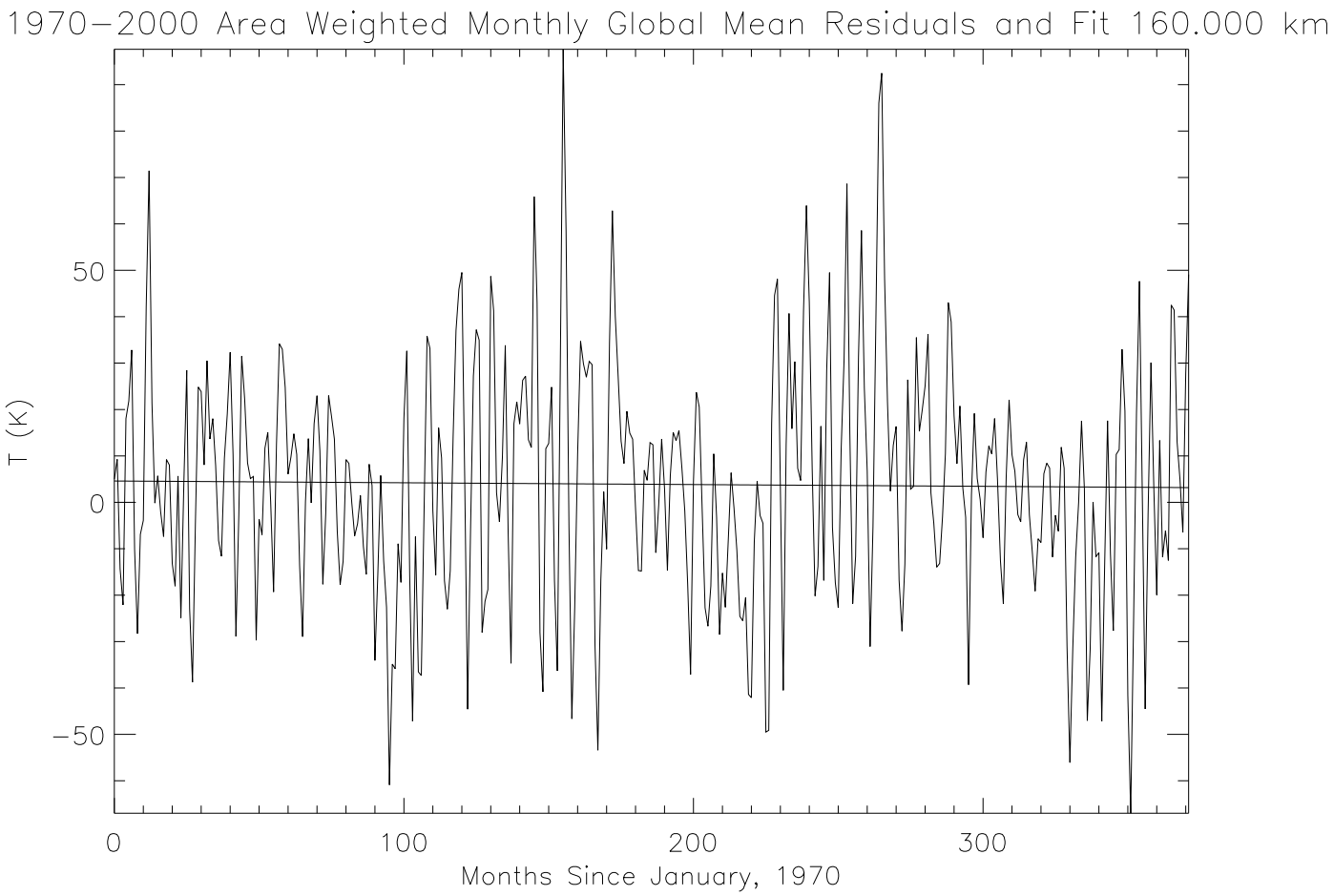

T 1955−2005 Area Weighted Monthly Global Mean Residuals and Fit 165.000 km
100
50
0
−50
T (K)
0
100
200
300
400
500
600
Months Since January, 1970

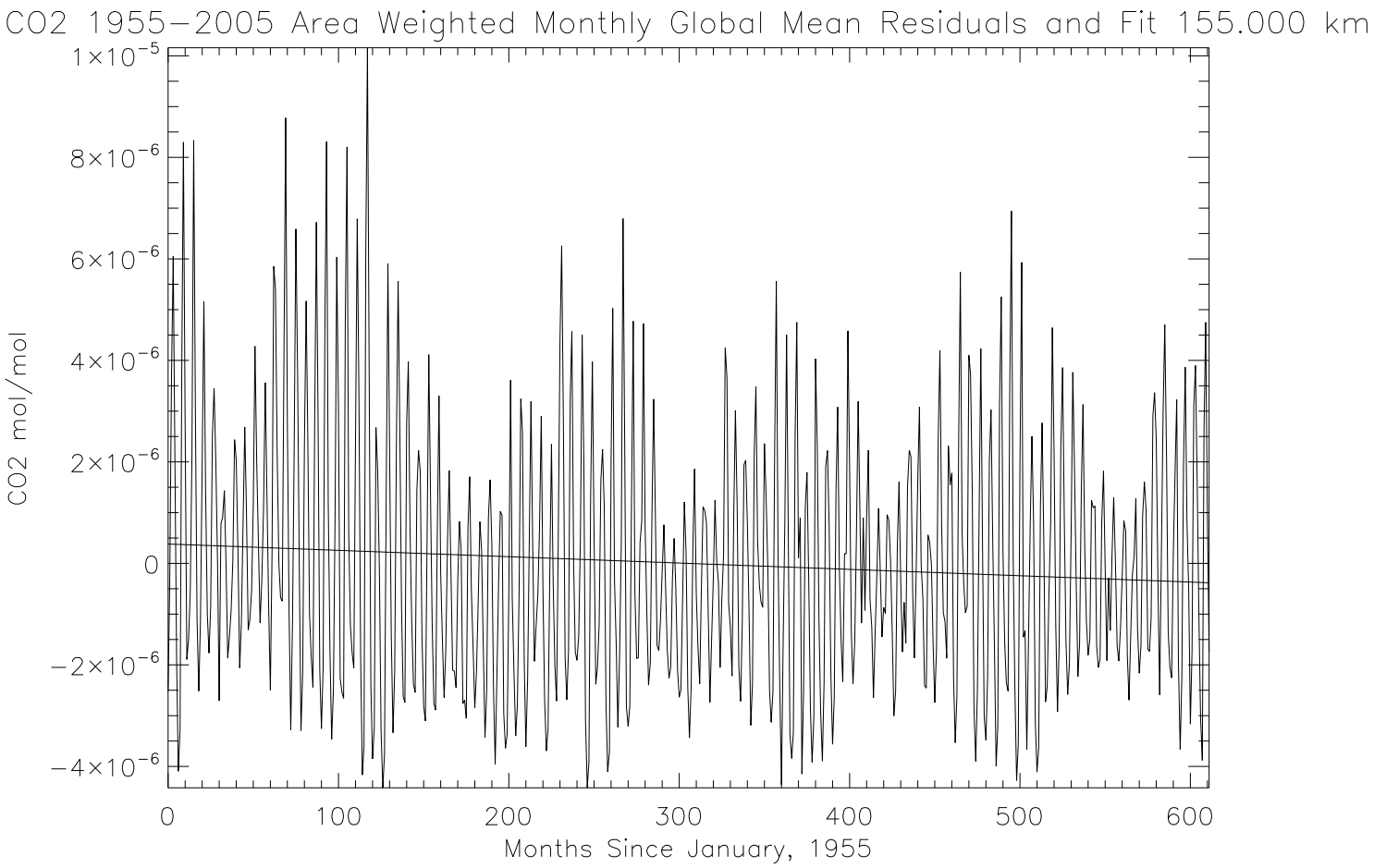

T 1970−2000 Area Weighted Monthly Global Mean Residuals and Fit 165.000 km
100
50
0
−50
T (K)
0
100
200
300
Months Since January, 1970

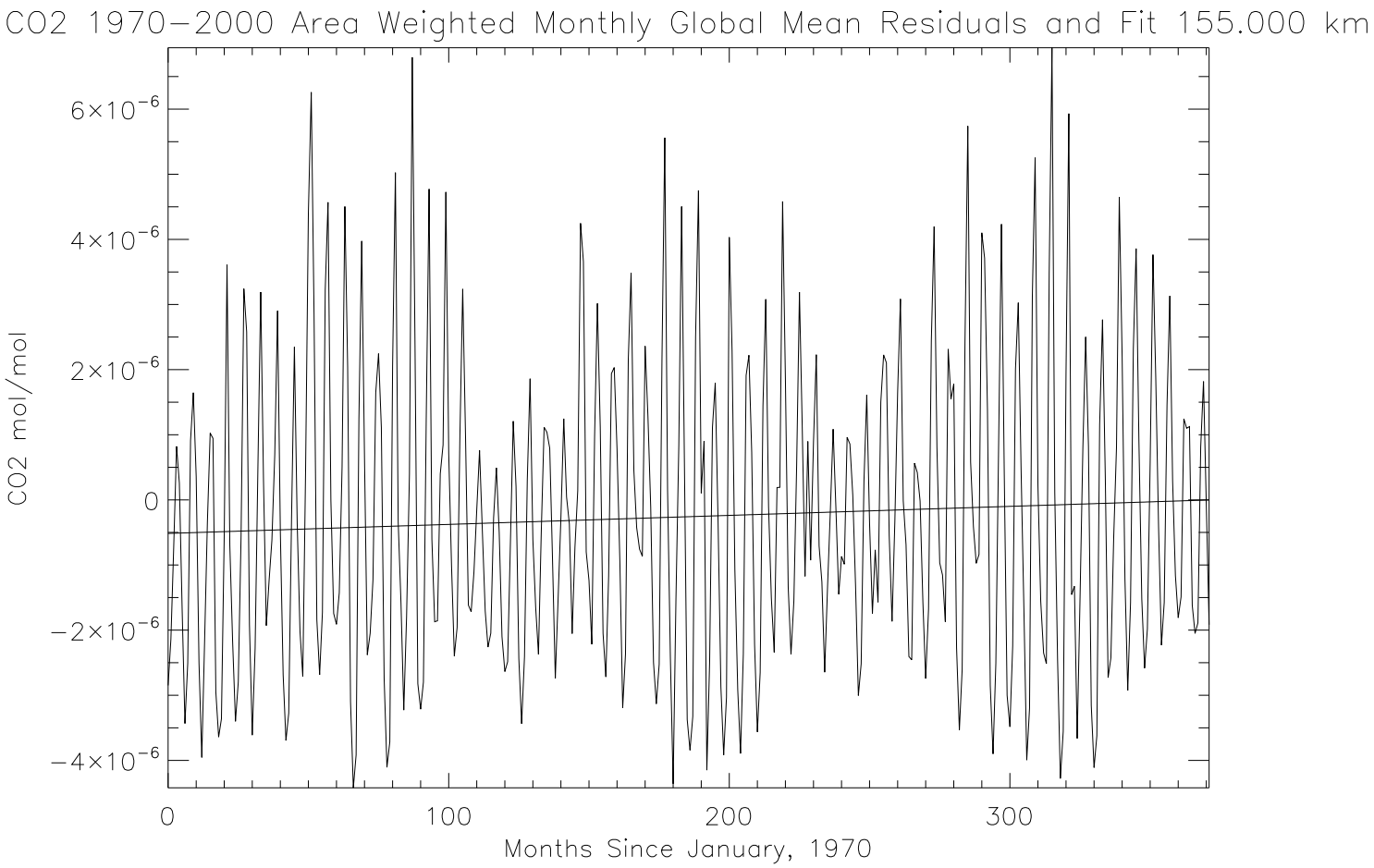

CO2 1955−2005 Area Weighted Monthly Global Mean Residuals and Fit 160.000 km
8×10−6
6×10−6
4×10−6
2×10−6
0
−2×10−6
CO2 mol/mol
0
100
200
300
400
500
600
Months Since January, 1955

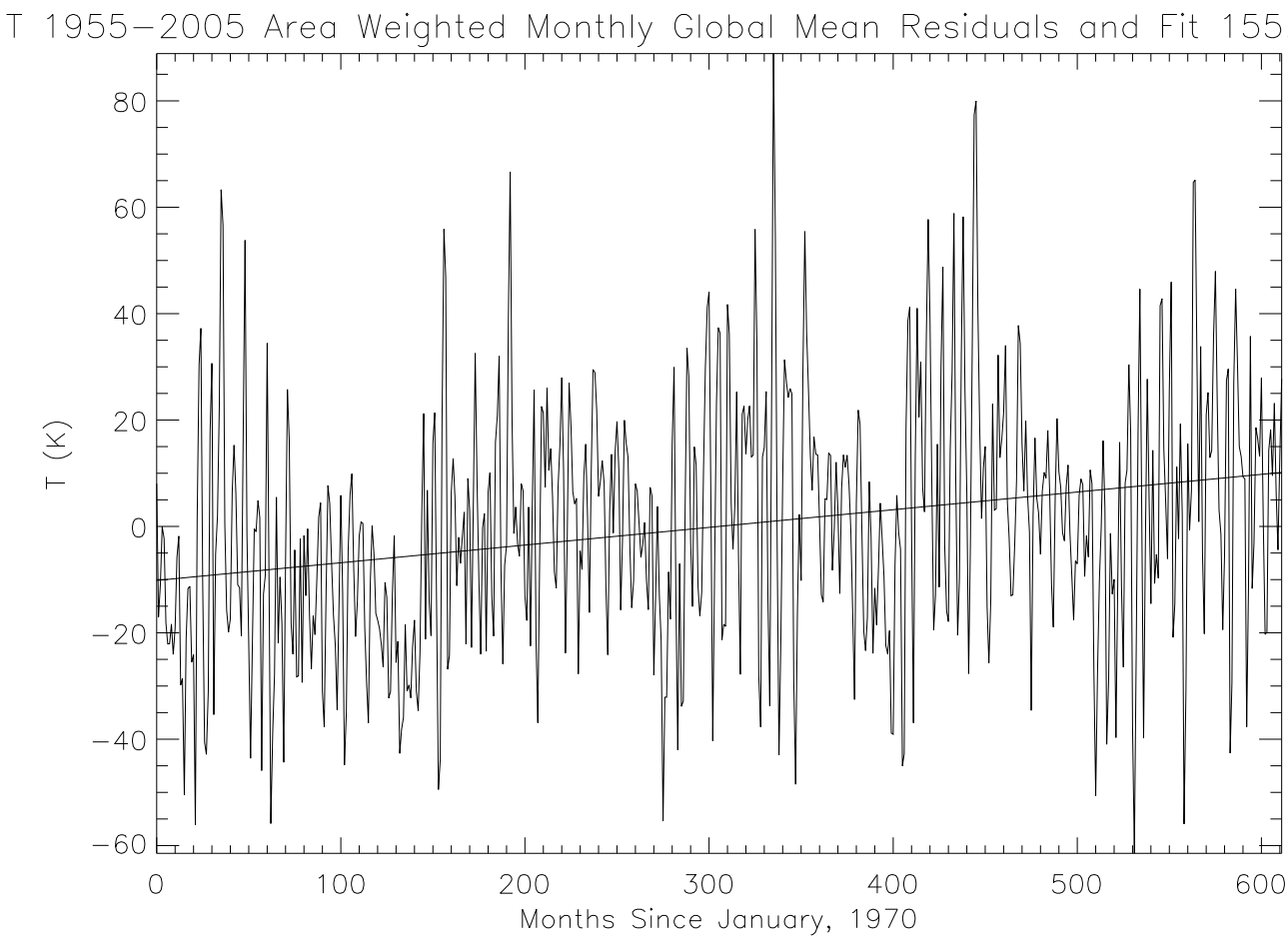

CO2 1970–2000 Area Weighted Monthly Global Mean Residuals and Fit 160.000 km
4×10⁻⁶
2×10⁻⁶
0
−2×10⁻⁶
CO2 mol/mol
0
100
200
300
Months Since January, 1970

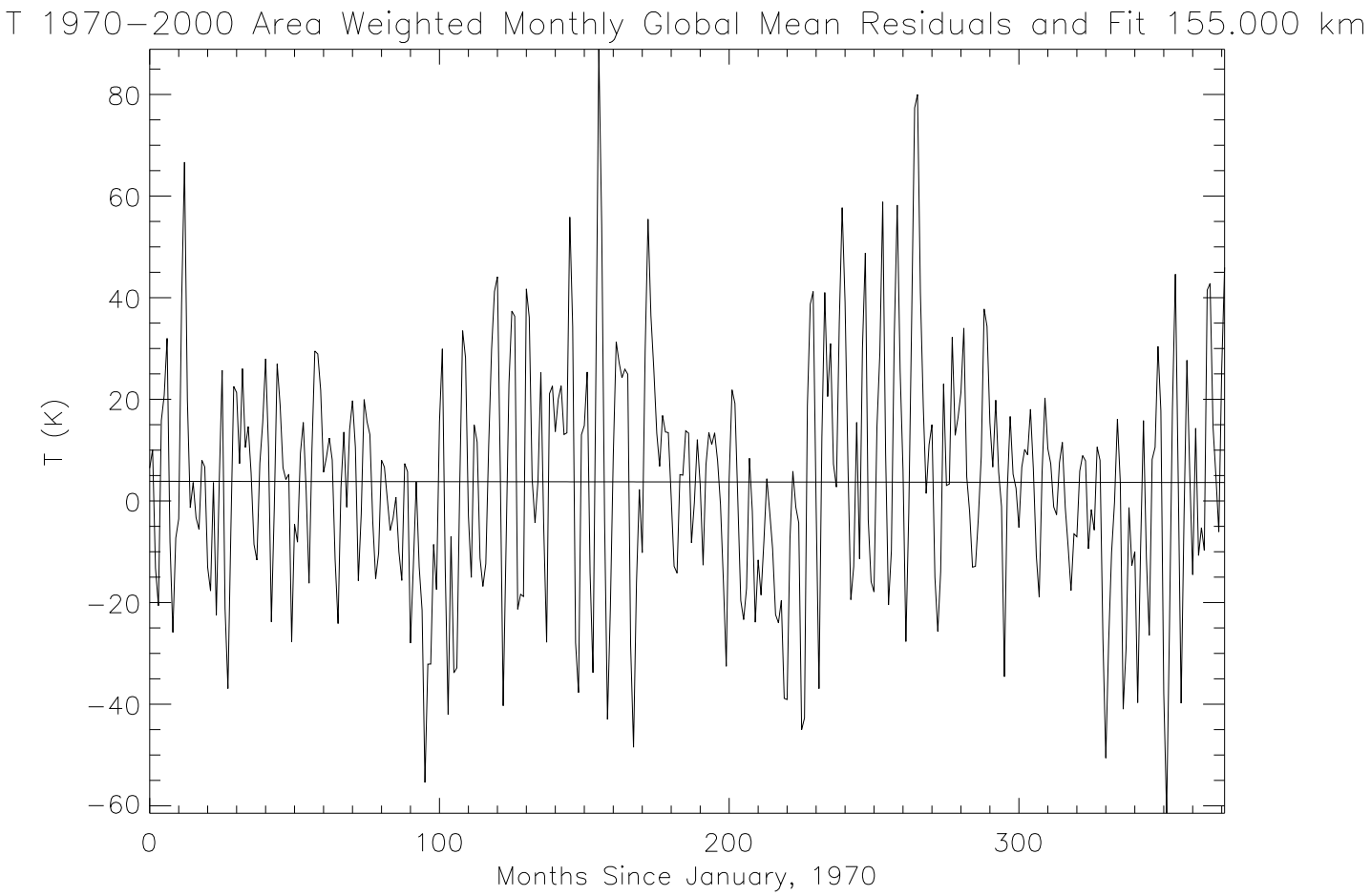

T 1955−2005 Area Weighted Monthly Global Mean Residuals and Fit 160.000 km
50
0
−50
T (K)
0
100
200
300
400
500
600
Months Since January, 1970

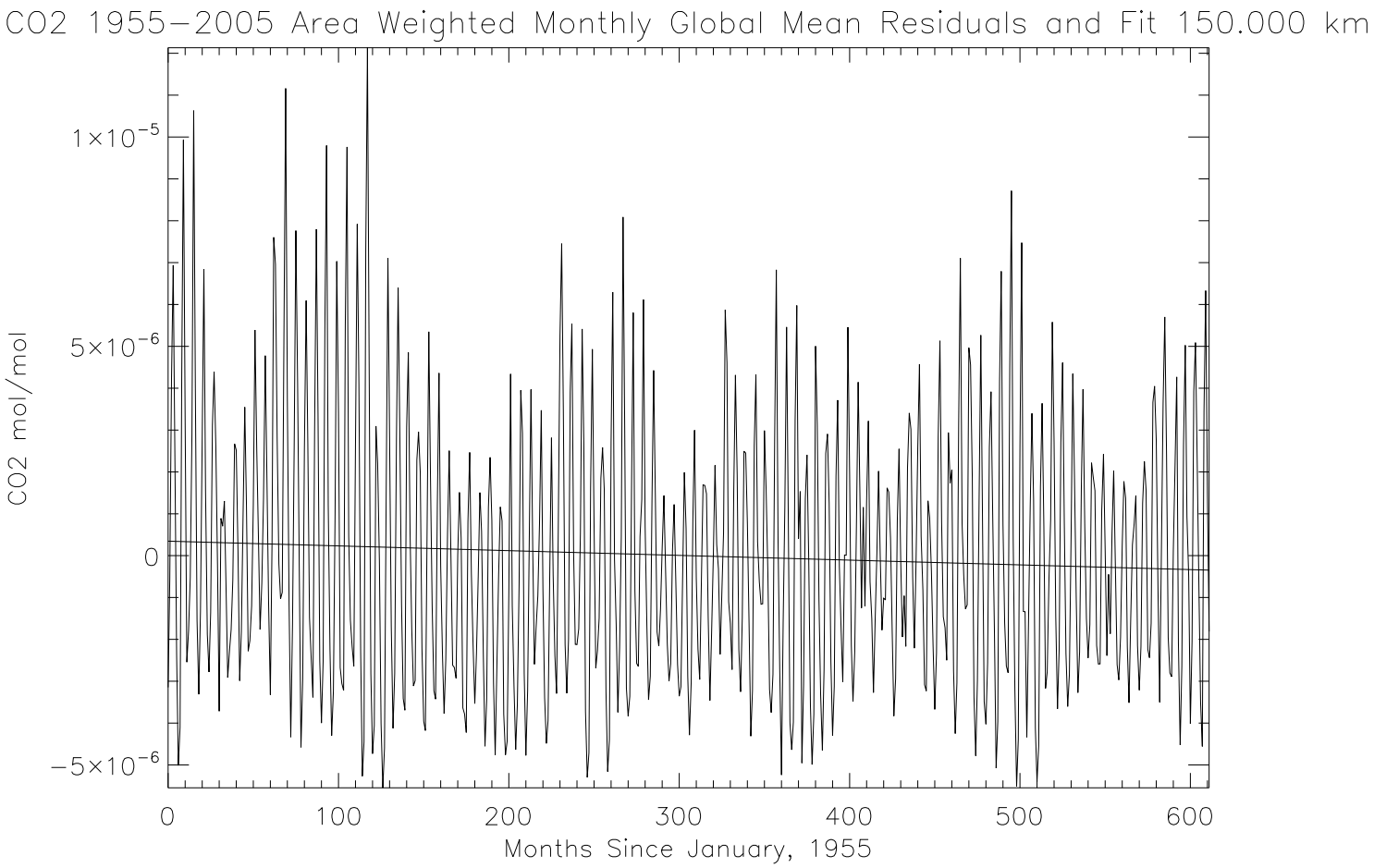

T 1970−2000 Area Weighted Monthly Global Mean Residuals and Fit 160.000 km
50
0
−50
T (K)
0
100
200
300
Months Since January, 1970

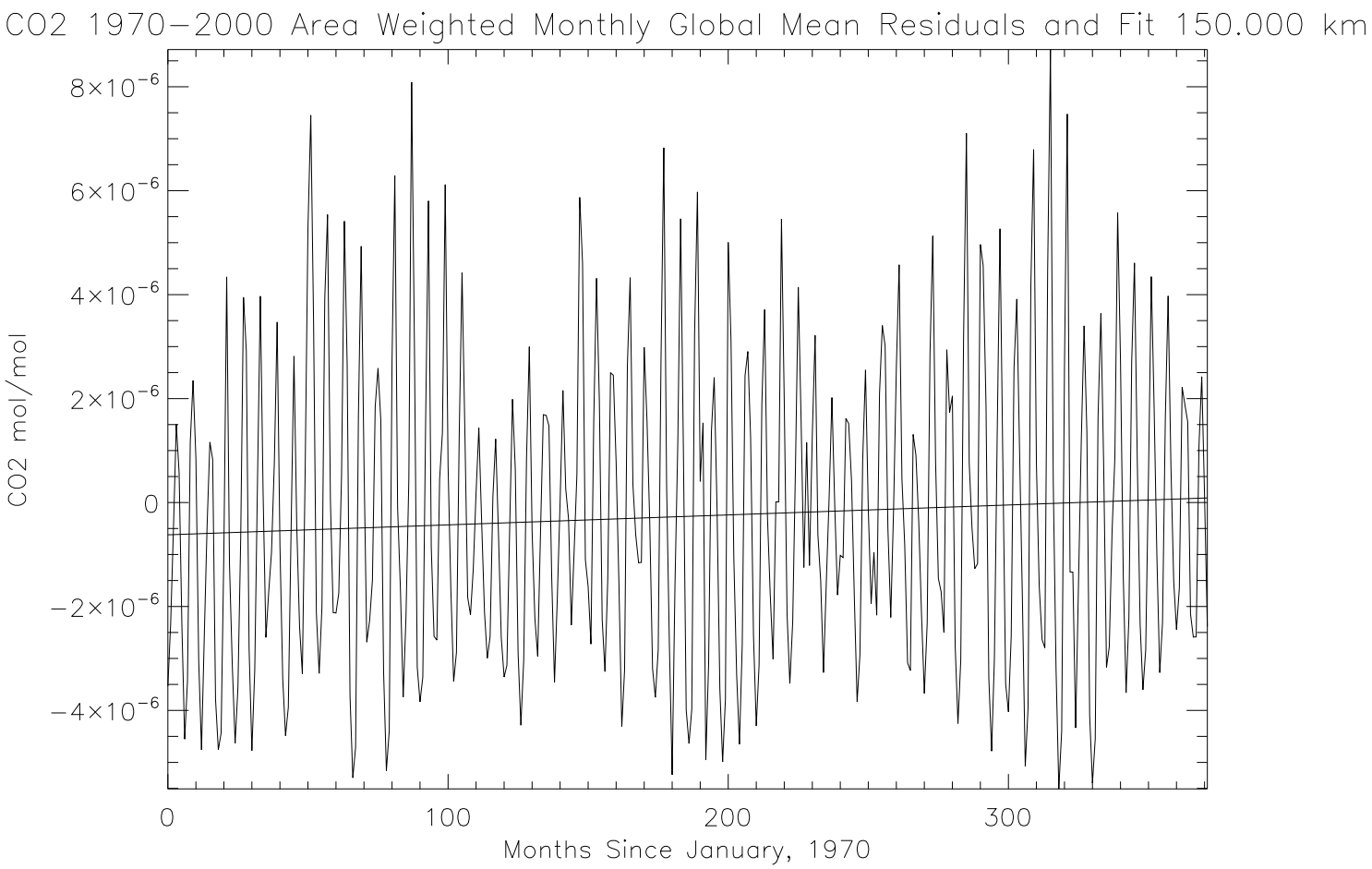

CO2 1955−2005 Area Weighted Monthly Global Mean Residuals and Fit 155.000 km
1×10−5
8×10−6
6×10−6
4×10−6
2×10−6
0
−2×10−6
−4×10−6
CO2 mol/mol
0
100
200
300
400
500
600
Months Since January, 1955

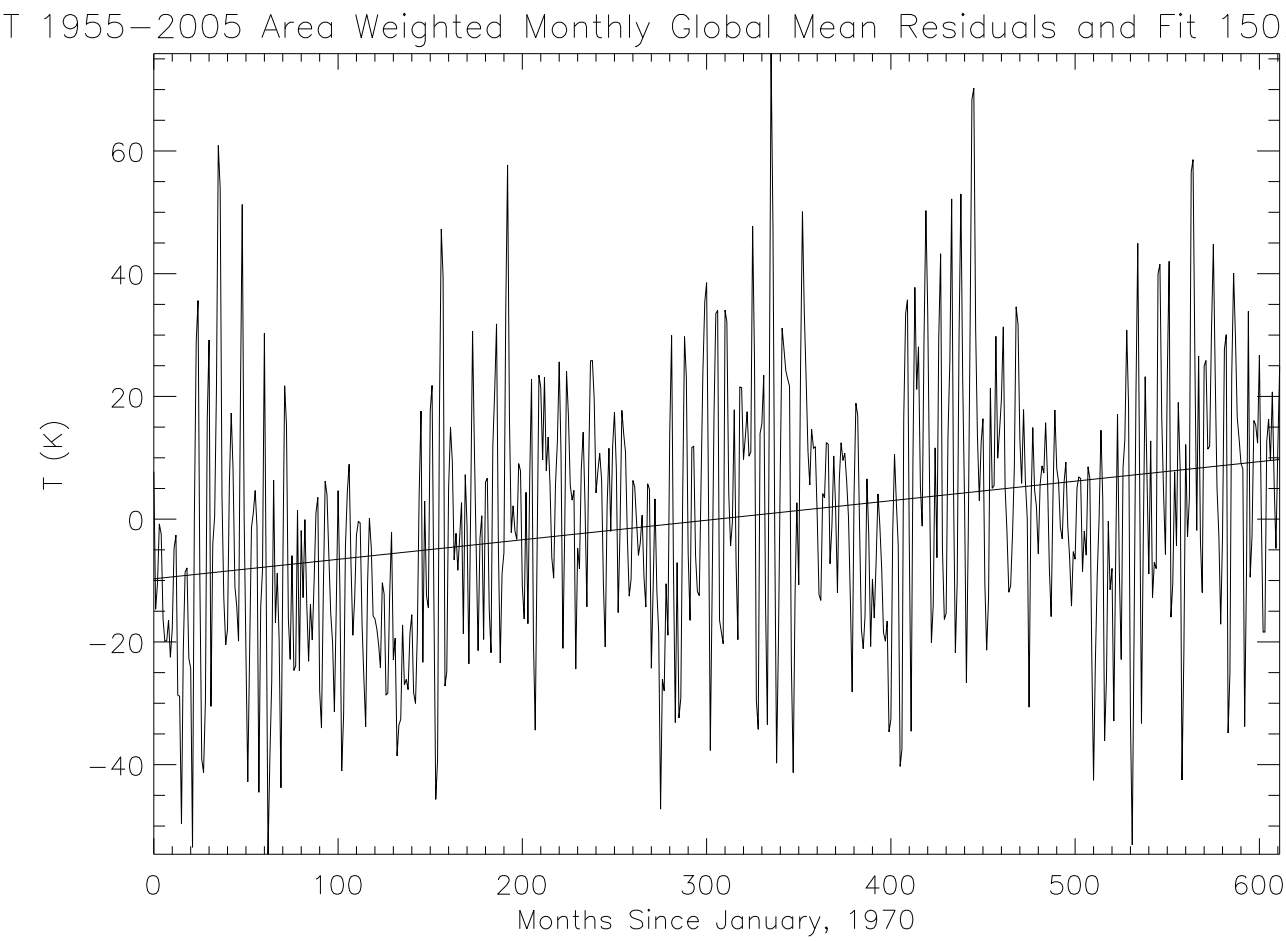

CO2 1970−2000 Area Weighted Monthly Global Mean Residuals and Fit 155.000 km
6×10⁻⁶
4×10⁻⁶
2×10⁻⁶
0
−2×10⁻⁶
−4×10⁻⁶
CO2 mol/mol
0
100
200
300
Months Since January, 1970

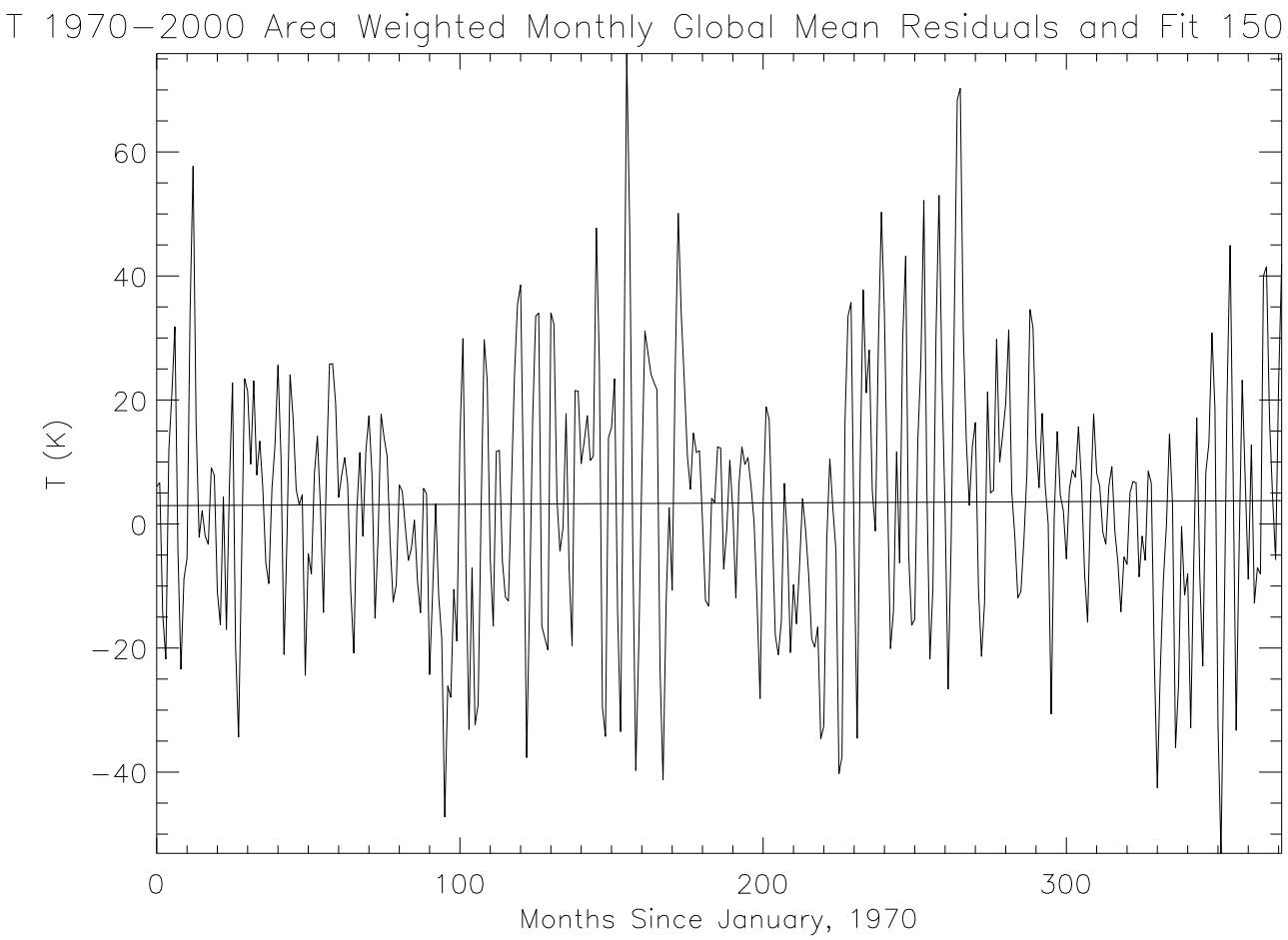

T 1955−2005 Area Weighted Monthly Global Mean Residuals and Fit 155.000 km
T (K)
80
60
40
20
0
−20
−40
−60
0
100
200
300
400
500
600
Months Since January, 1970

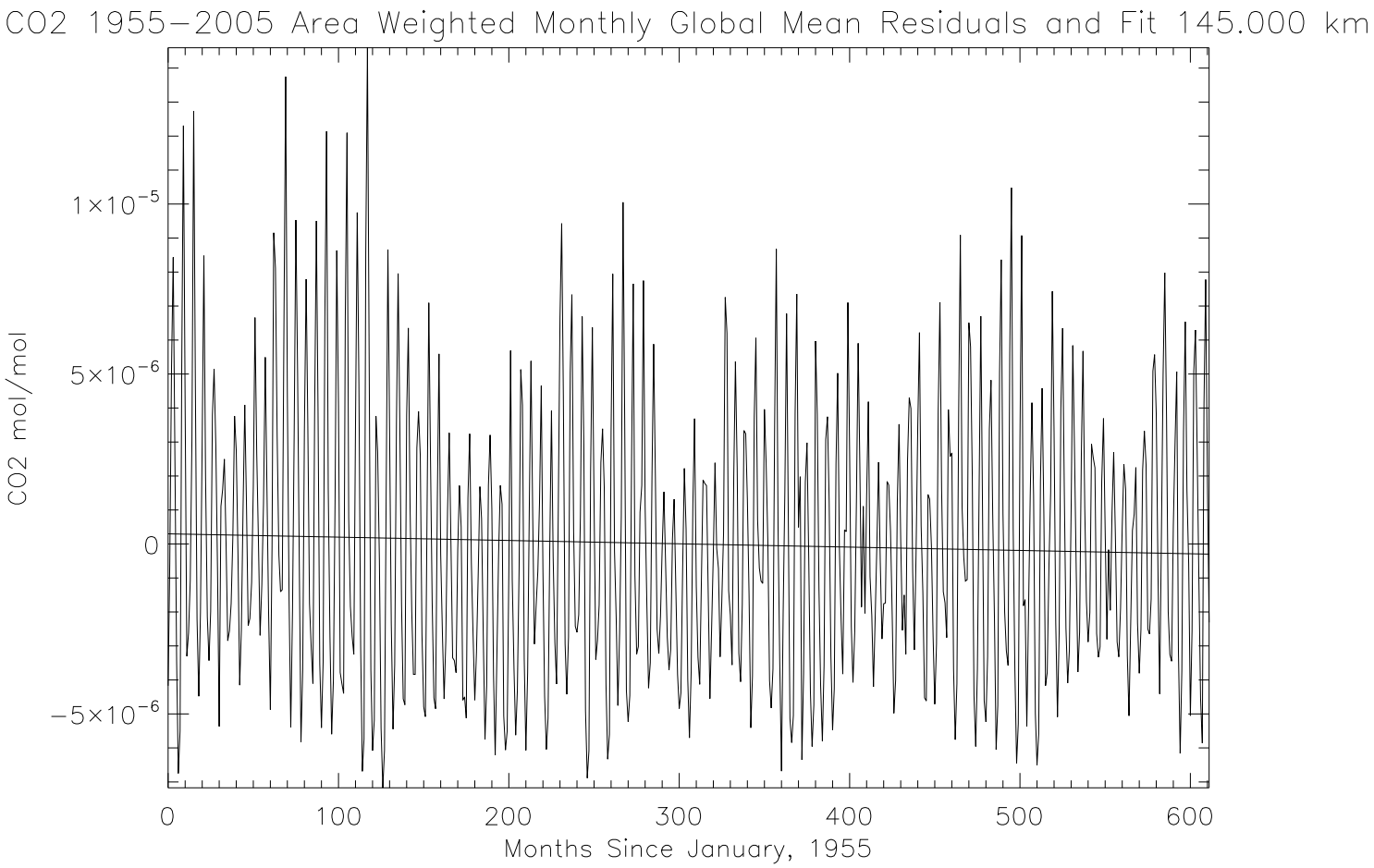

T 1970−2000 Area Weighted Monthly Global Mean Residuals and Fit 155.000 km
T (K)
80
60
40
20
0
−20
−40
−60
0
100
200
300
Months Since January, 1970

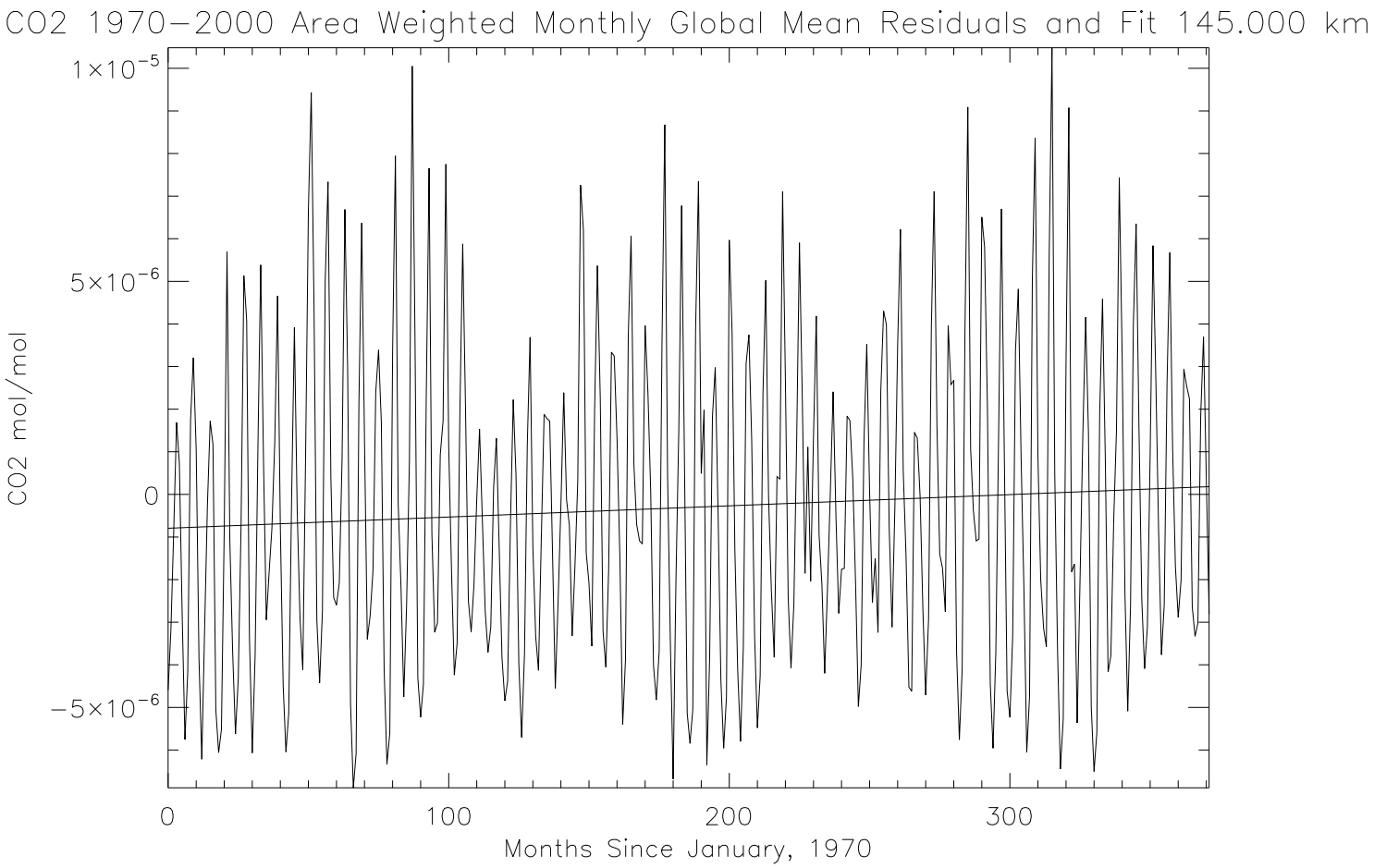

CO2 1955–2005 Area Weighted Monthly Global Mean Residuals and Fit 150.000 km
1×10^-5
5×10^-6
0
−5×10^-6
CO2 mol/mol
0
100
200
300
400
500
600
Months Since January, 1955

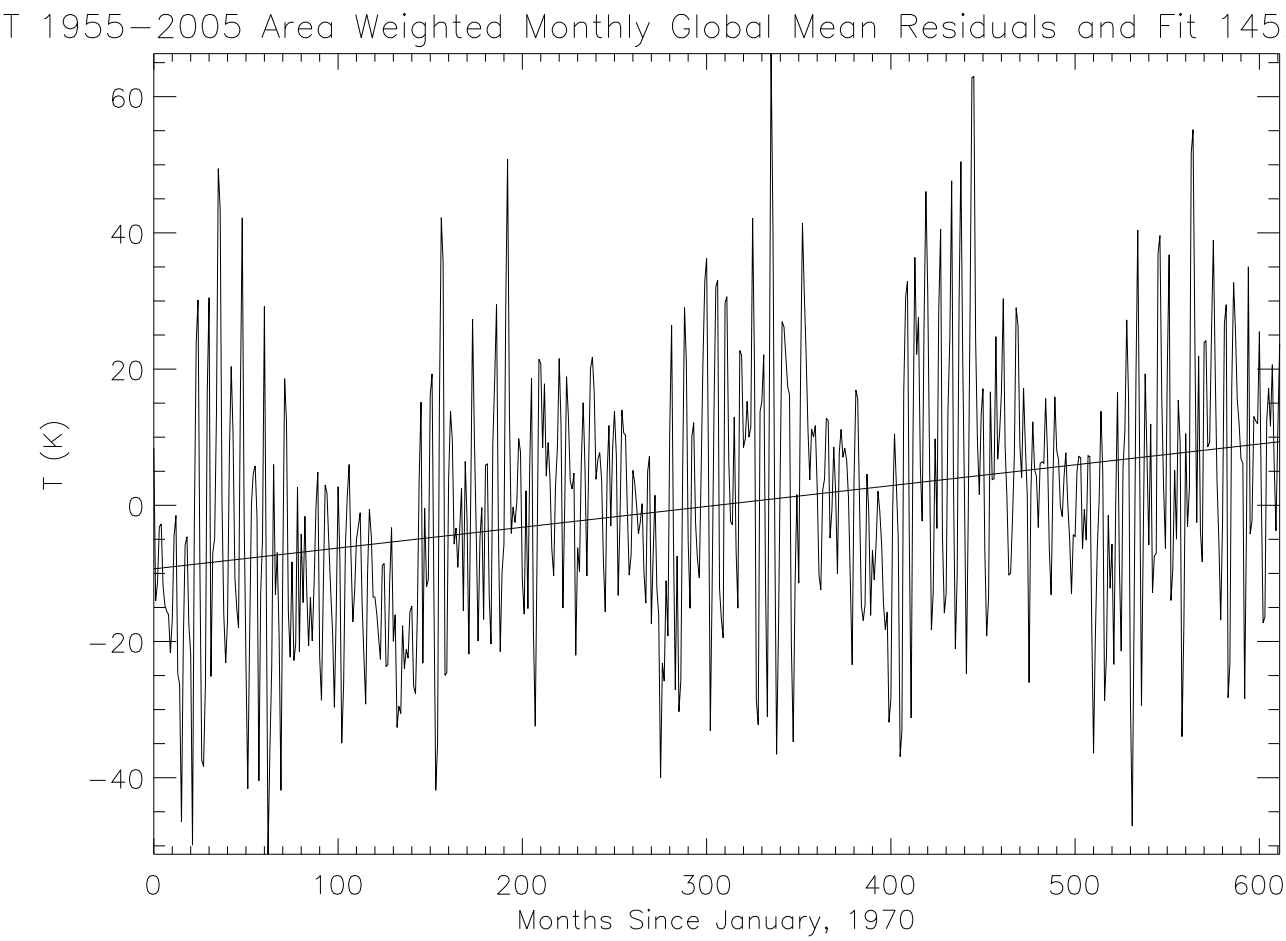

CO2 1970−2000 Area Weighted Monthly Global Mean Residuals and Fit 150.000 km
8×10⁻⁶
6×10⁻⁶
4×10⁻⁶
2×10⁻⁶
0
−2×10⁻⁶
−4×10⁻⁶
CO2 mol/mol
0
100
200
300
Months Since January, 1970

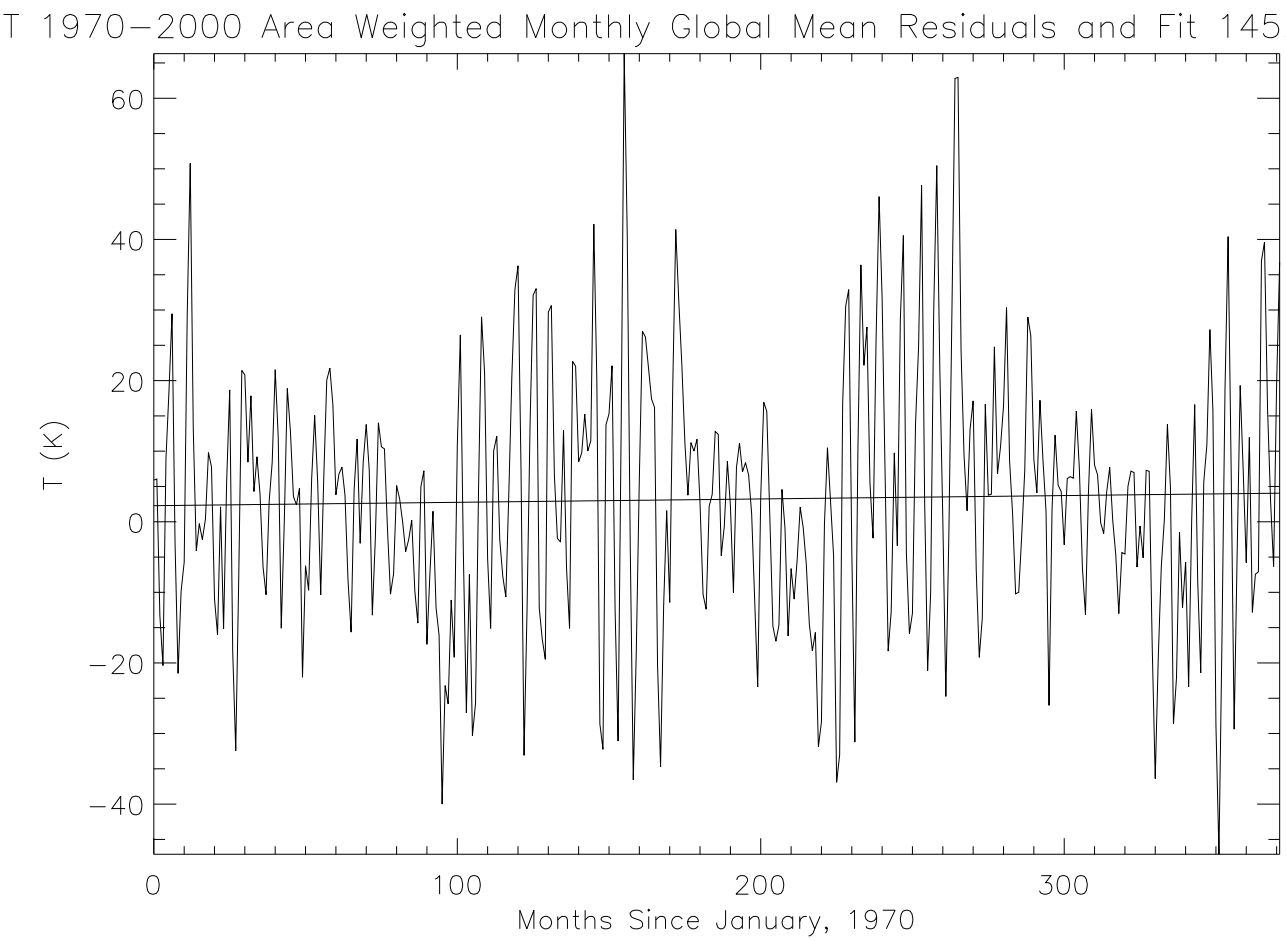

T 1955−2005 Area Weighted Monthly Global Mean Residuals and Fit 150.000 km
T (K)
60
40
20
0
−20
−40
0
100
200
300
400
500
600
Months Since January, 1970

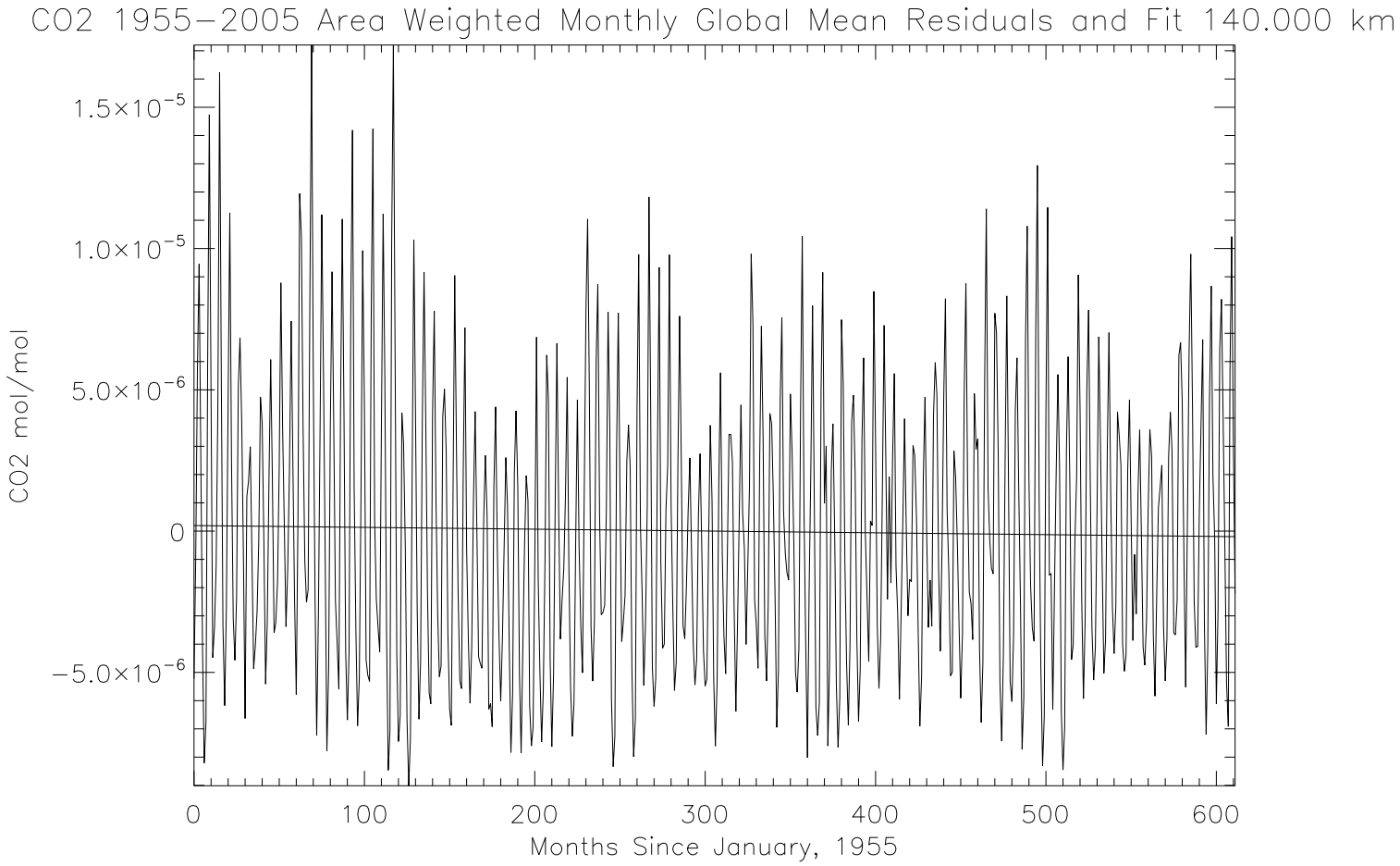

T 1970−2000 Area Weighted Monthly Global Mean Residuals and Fit 150.000 km
60
40
20
0
−20
−40
T (K)
0
100
200
300
Months Since January, 1970

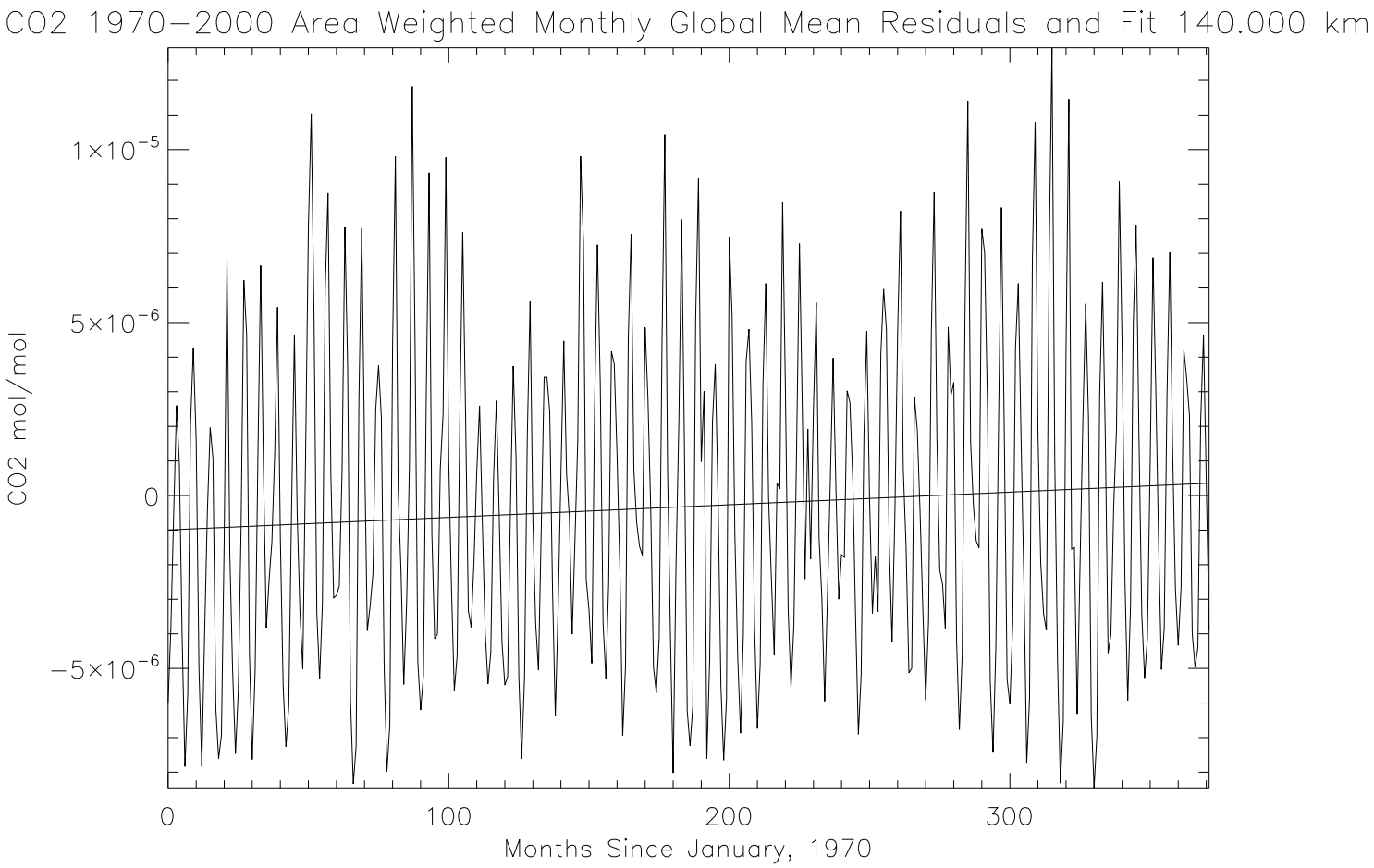

CO2 1955–2005 Area Weighted Monthly Global Mean Residuals and Fit 145.000 km
1×10^-5
5×10^-6
0
−5×10^-6
CO2 mol/mol
0
100
200
300
400
500
600
Months Since January, 1955

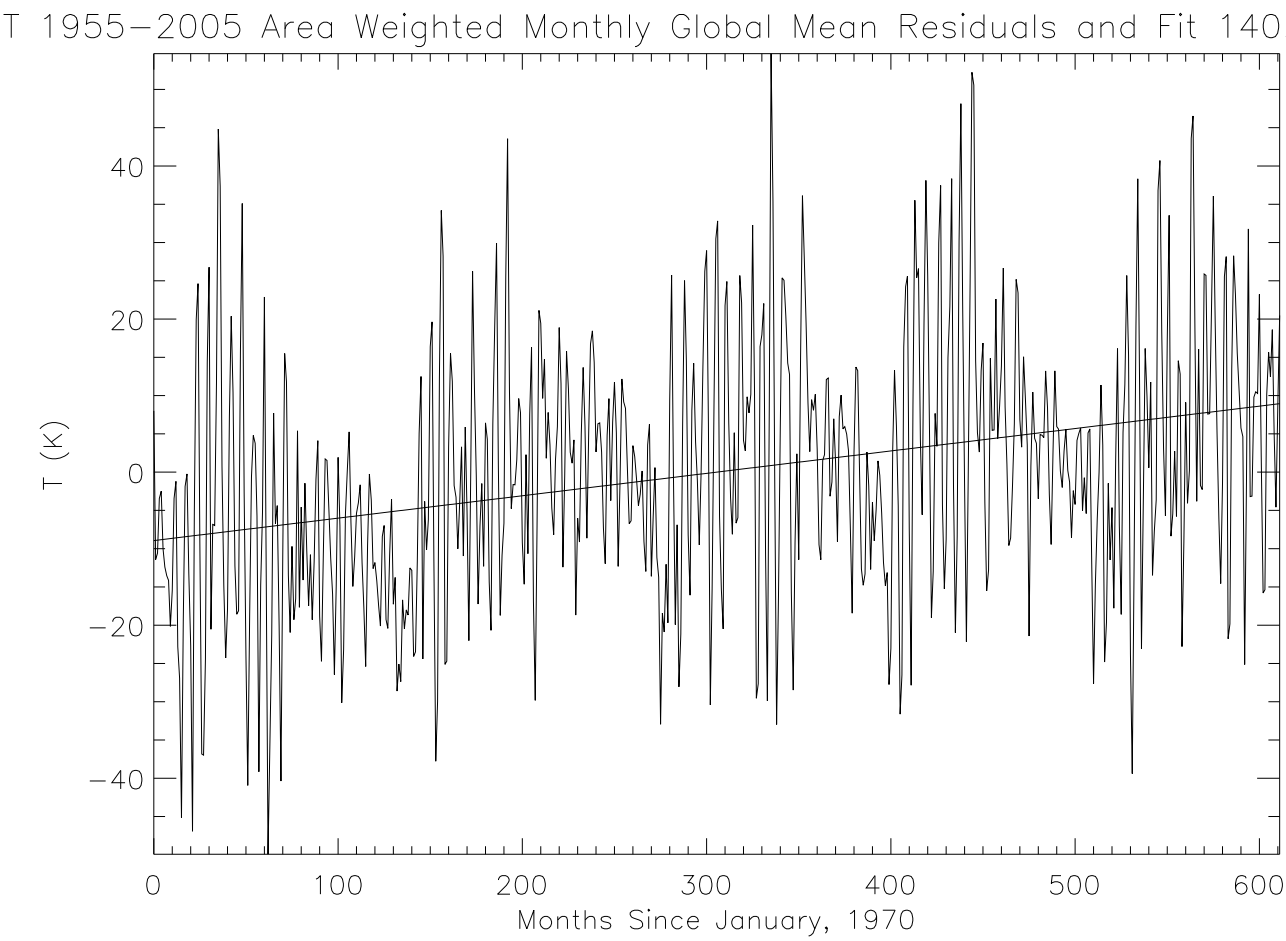

CO2 1970−2000 Area Weighted Monthly Global Mean Residuals and Fit 145.000 km
1×10−5
5×10−6
0
−5×10−6
CO2 mol/mol
0
100
200
300
Months Since January, 1970

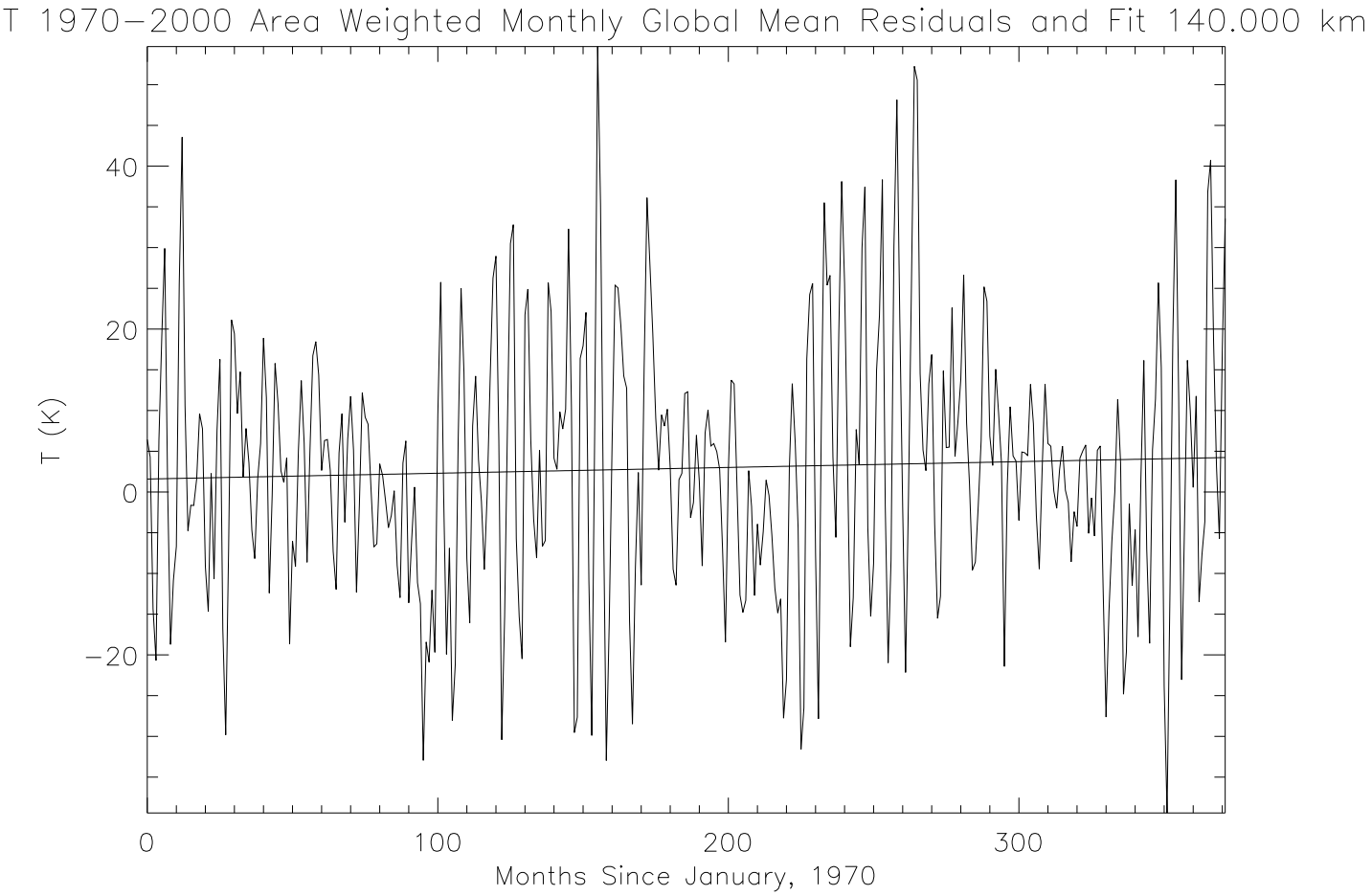

T 1955−2005 Area Weighted Monthly Global Mean Residuals and Fit 145.000 km
T (K)
60
40
20
0
−20
−40
0
100
200
300
400
500
600
Months Since January, 1970

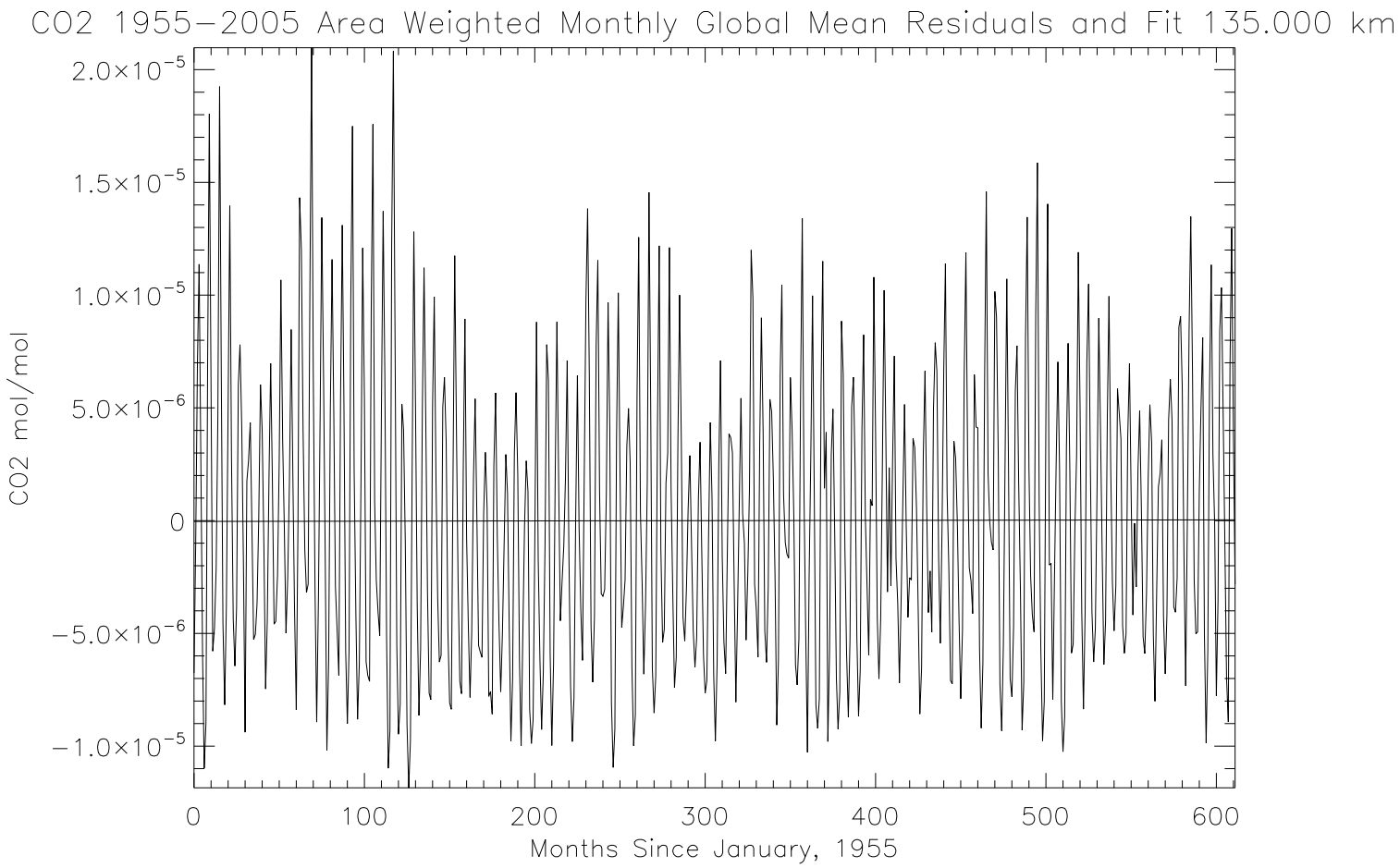

T 1970−2000 Area Weighted Monthly Global Mean Residuals and Fit 145.000 km
60
40
20
0
−20
−40
T (K)
0
100
200
300
Months Since January, 1970

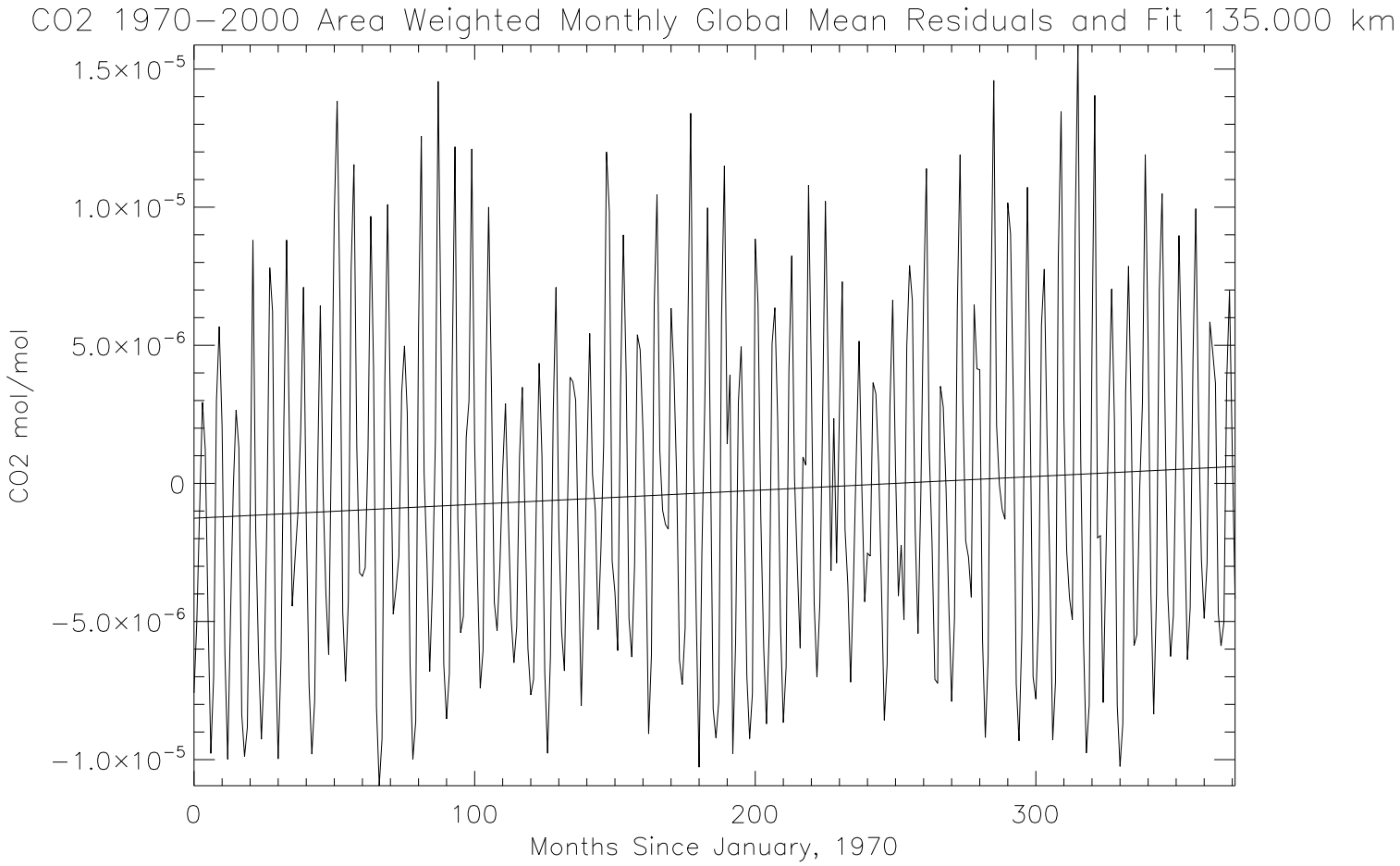

CO2 1955–2005 Area Weighted Monthly Global Mean Residuals and Fit 140.000 km
1.5×10−5
1.0×10−5
5.0×10−6
0
−5.0×10−6
CO2 mol/mol
0
100
200
300
400
500
600
Months Since January, 1955

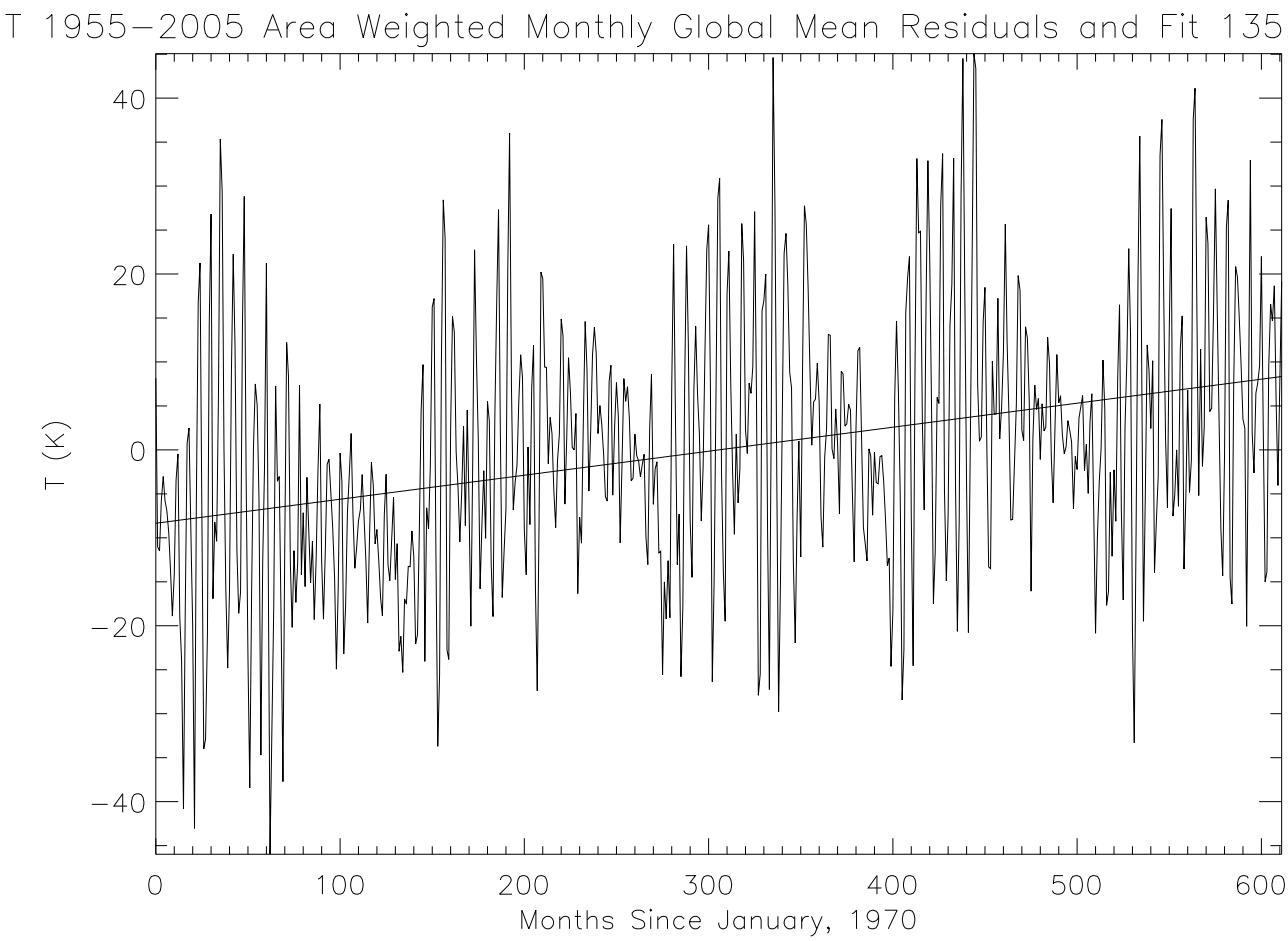

CO2 1970−2000 Area Weighted Monthly Global Mean Residuals and Fit 140.000 km
1×10−5
5×10−6
0
−5×10−6
CO2 mol/mol
0
100
200
300
Months Since January, 1970

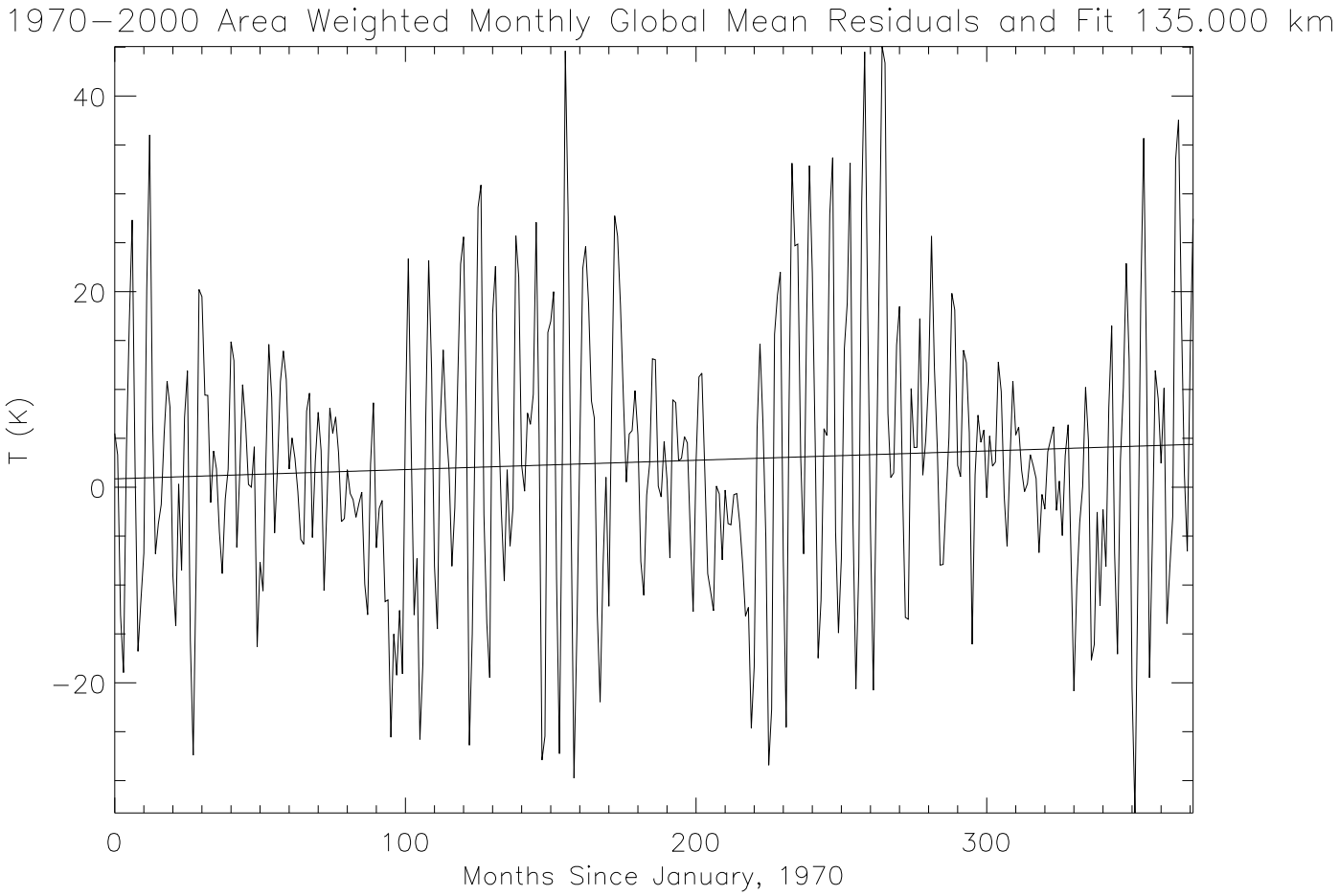

T 1955−2005 Area Weighted Monthly Global Mean Residuals and Fit 140.000 km
T (K)
40
20
0
−20
−40
0
100
200
300
400
500
600
Months Since January, 1970

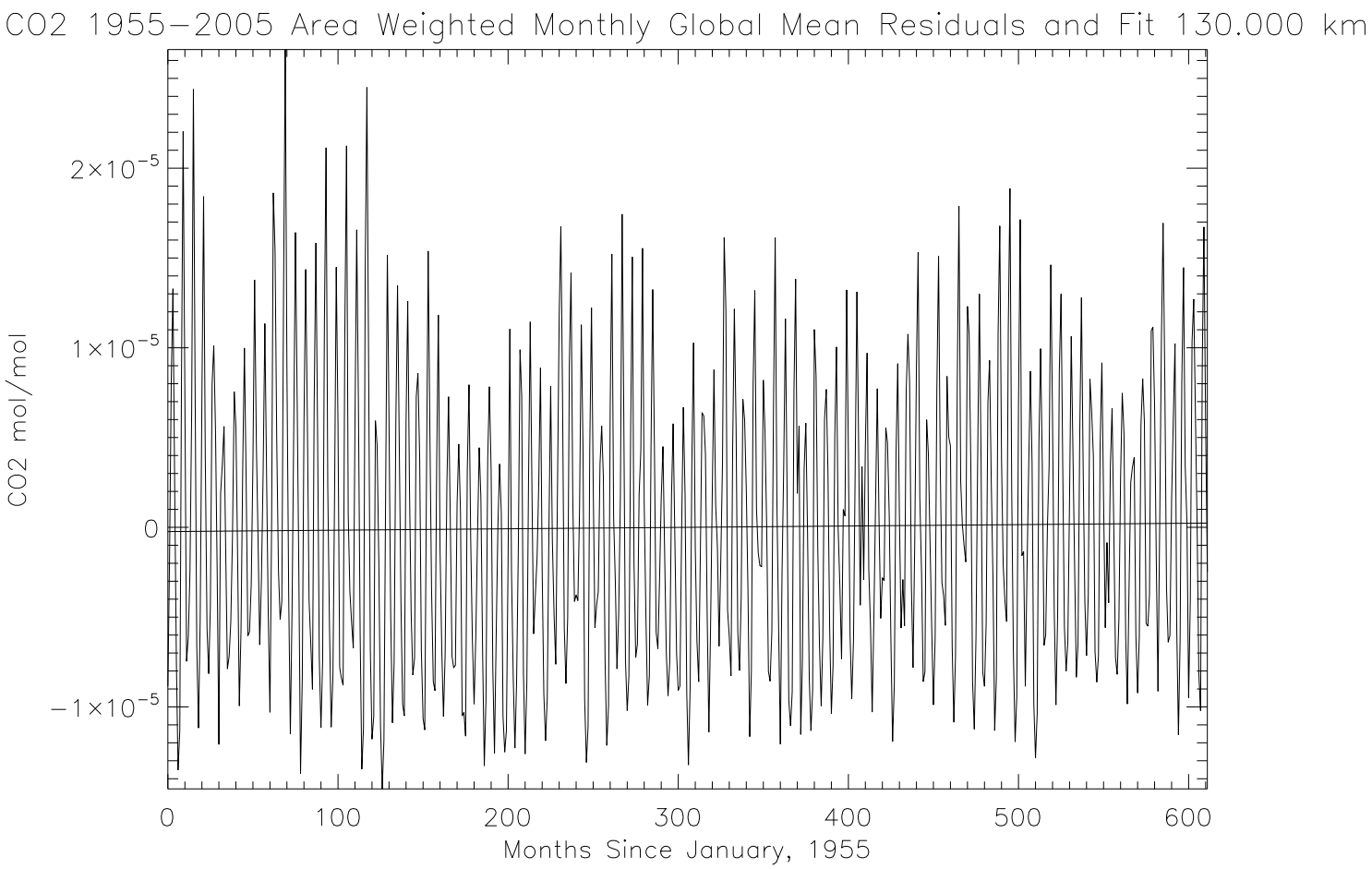

T 1970−2000 Area Weighted Monthly Global Mean Residuals and Fit 140.000 km
40
20
0
−20
T (K)
0
100
200
300
Months Since January, 1970

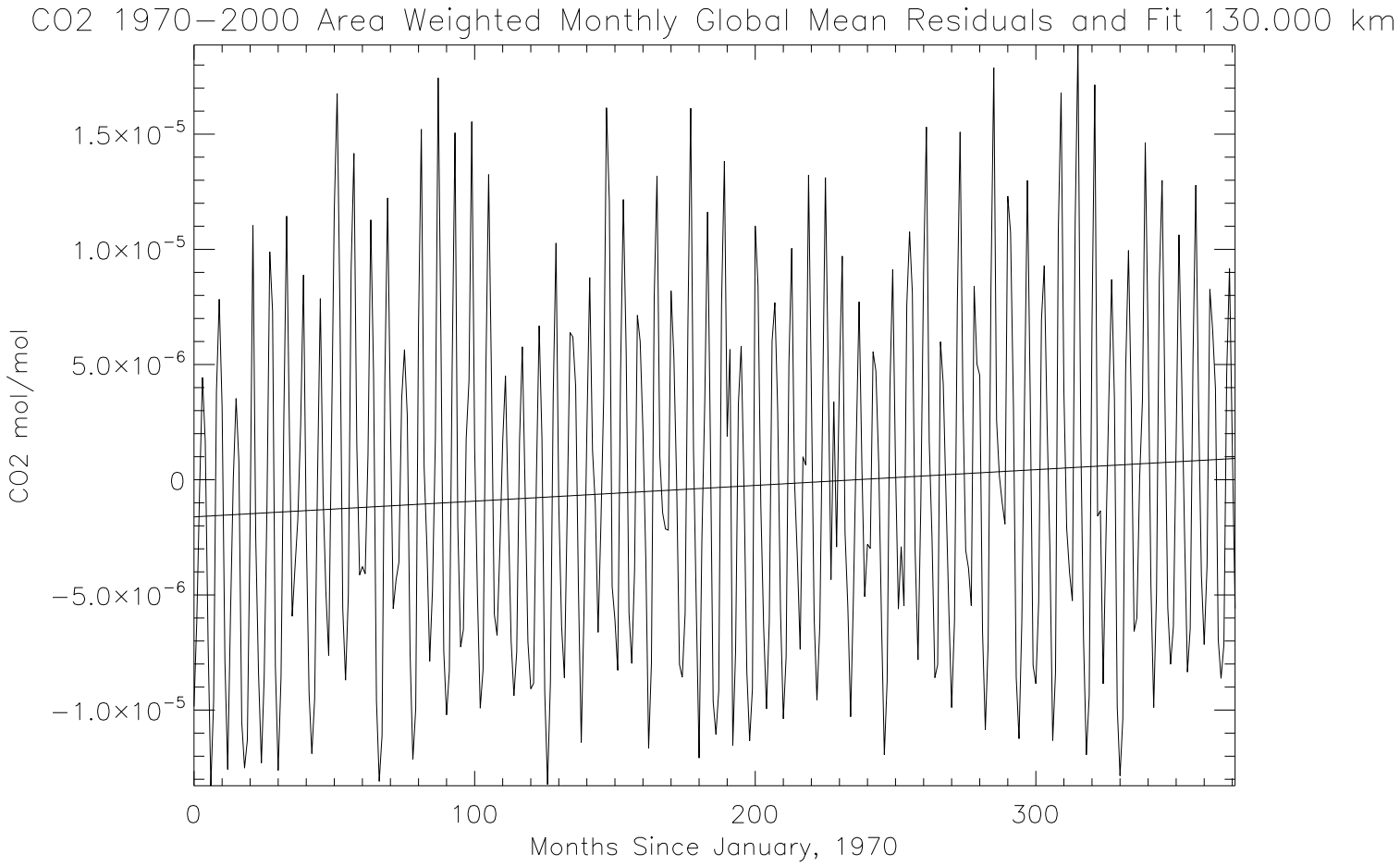

CO2 1955–2005 Area Weighted Monthly Global Mean Residuals and Fit 135.000 km
2.0×10−5
1.5×10−5
1.0×10−5
5.0×10−6
0
−5.0×10−6
−1.0×10−5
CO2 mol/mol
0
100
200
300
400
500
600
Months Since January, 1955

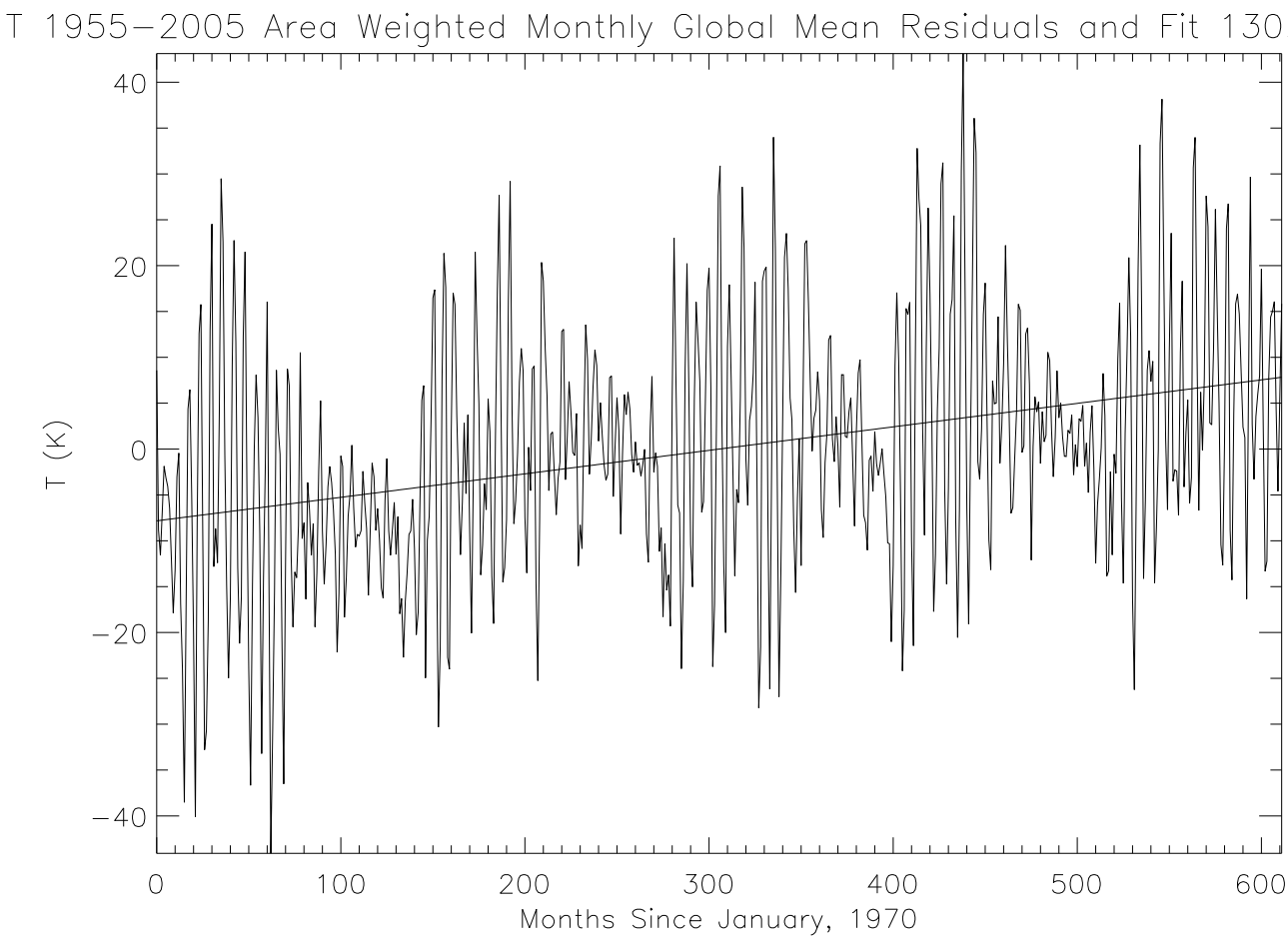

CO2 1970−2000 Area Weighted Monthly Global Mean Residuals and Fit 135.000 km
1.5×10−5
1.0×10−5
5.0×10−6
0
−5.0×10−6
−1.0×10−5
CO2 mol/mol
0
100
200
300
Months Since January, 1970

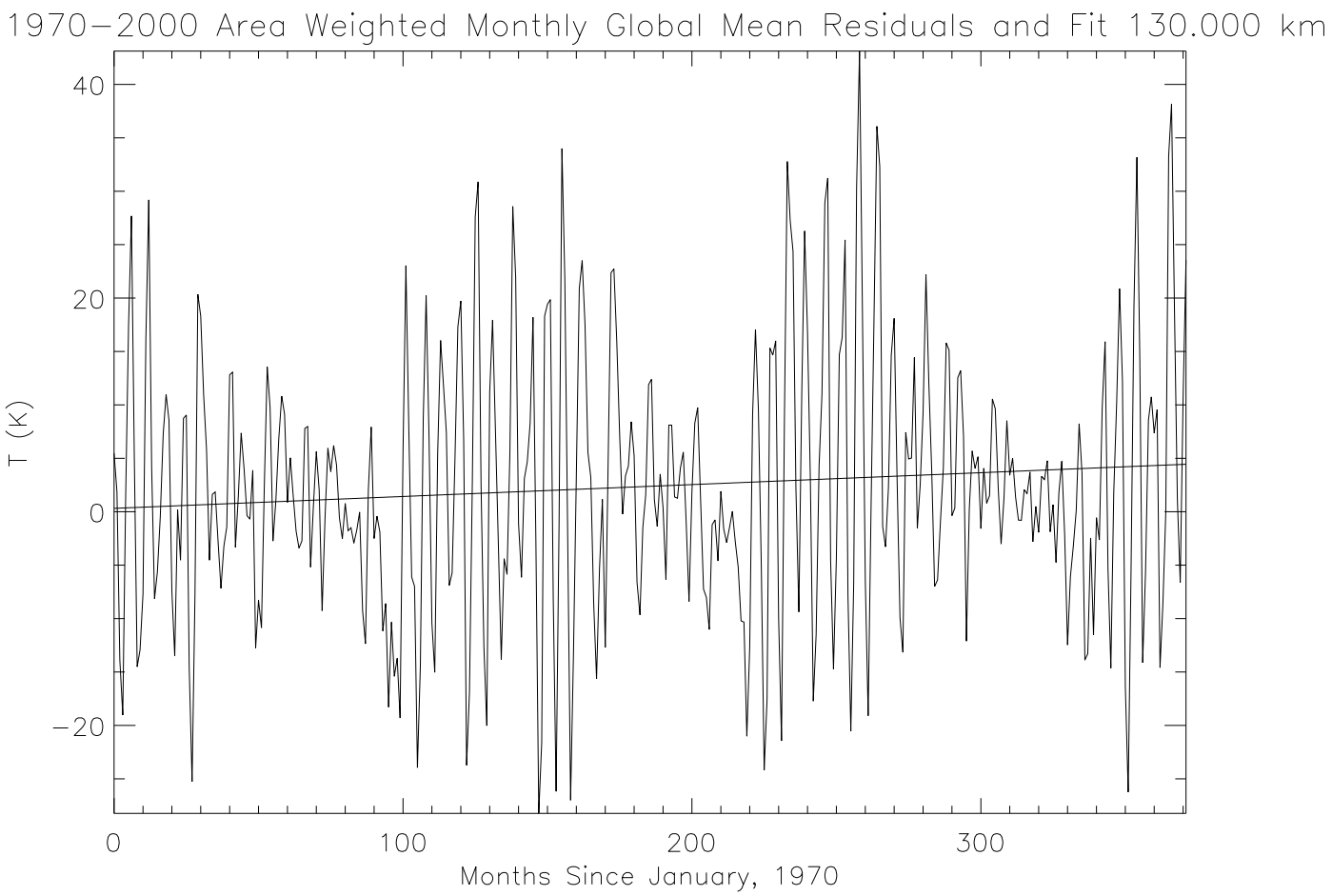

T 1955−2005 Area Weighted Monthly Global Mean Residuals and Fit 135.000 km
T (K)
40
20
0
−20
−40
0
100
200
300
400
500
600
Months Since January, 1970

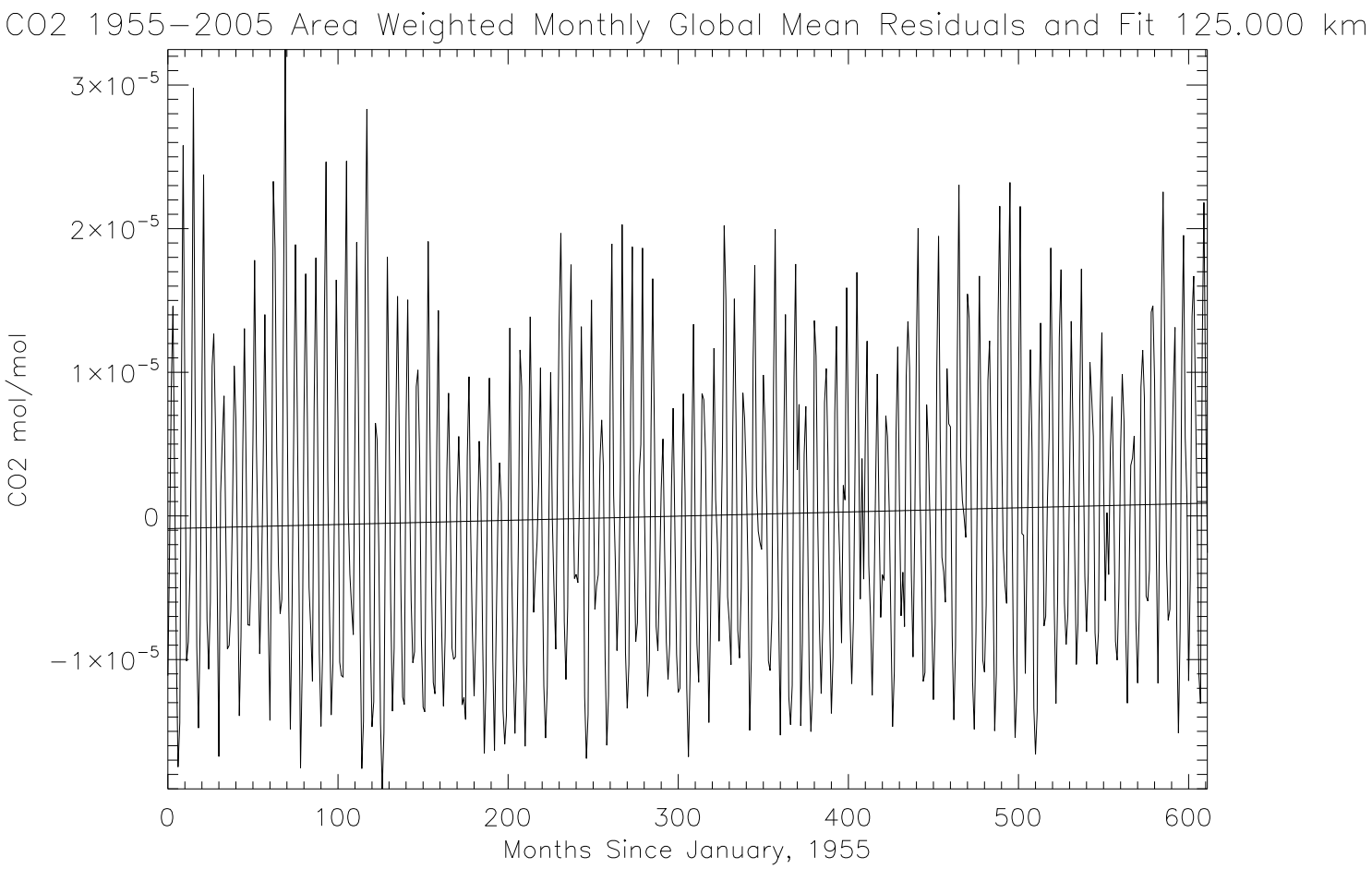

T 1970−2000 Area Weighted Monthly Global Mean Residuals and Fit 135.000 km
40
20
0
−20
T (K)
0
100
200
300
Months Since January, 1970

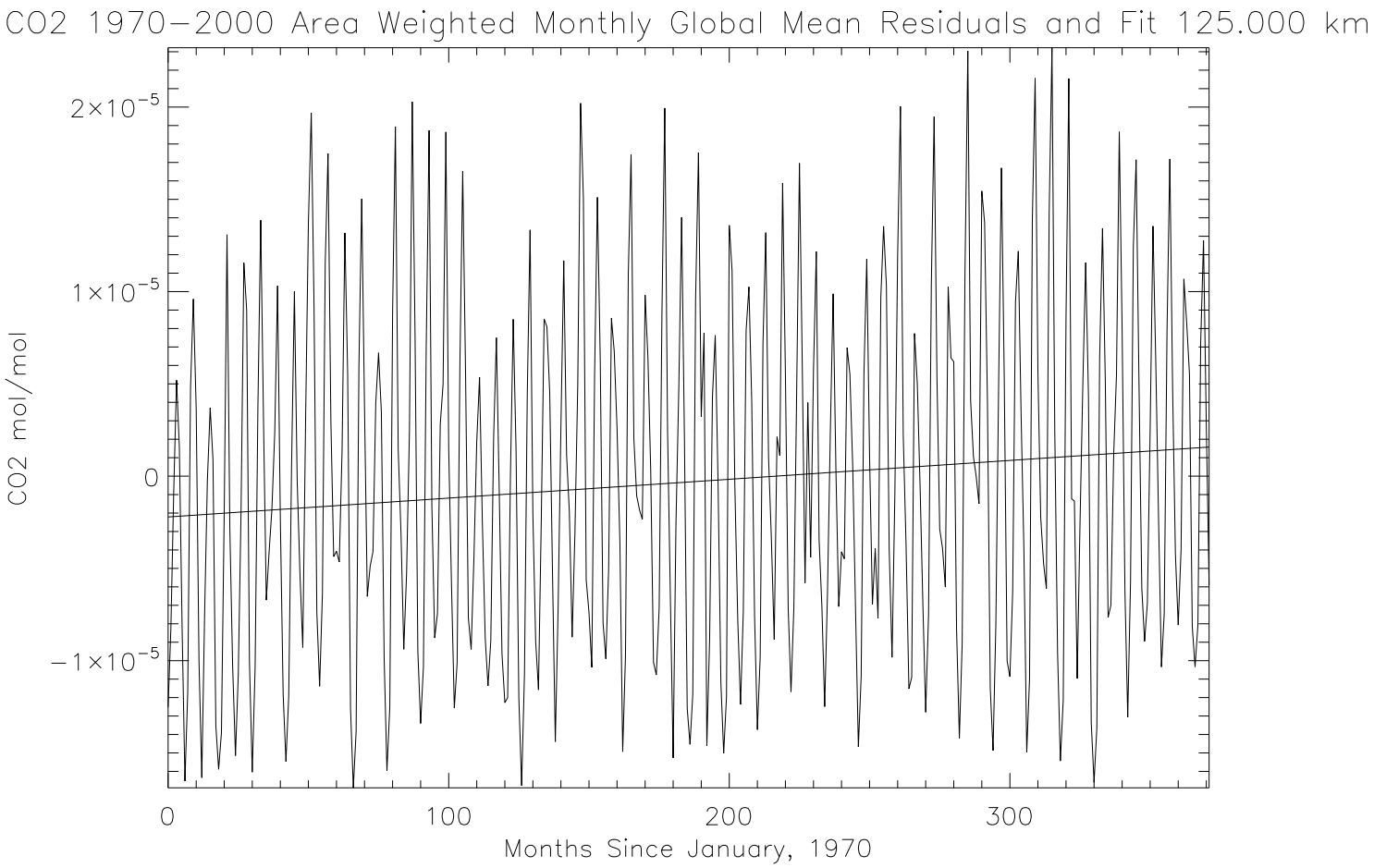

CO2 1955–2005 Area Weighted Monthly Global Mean Residuals and Fit 130.000 km
2×10^-5
1×10^-5
0
−1×10^-5
CO2 mol/mol
0
100
200
300
400
500
600
Months Since January, 1955

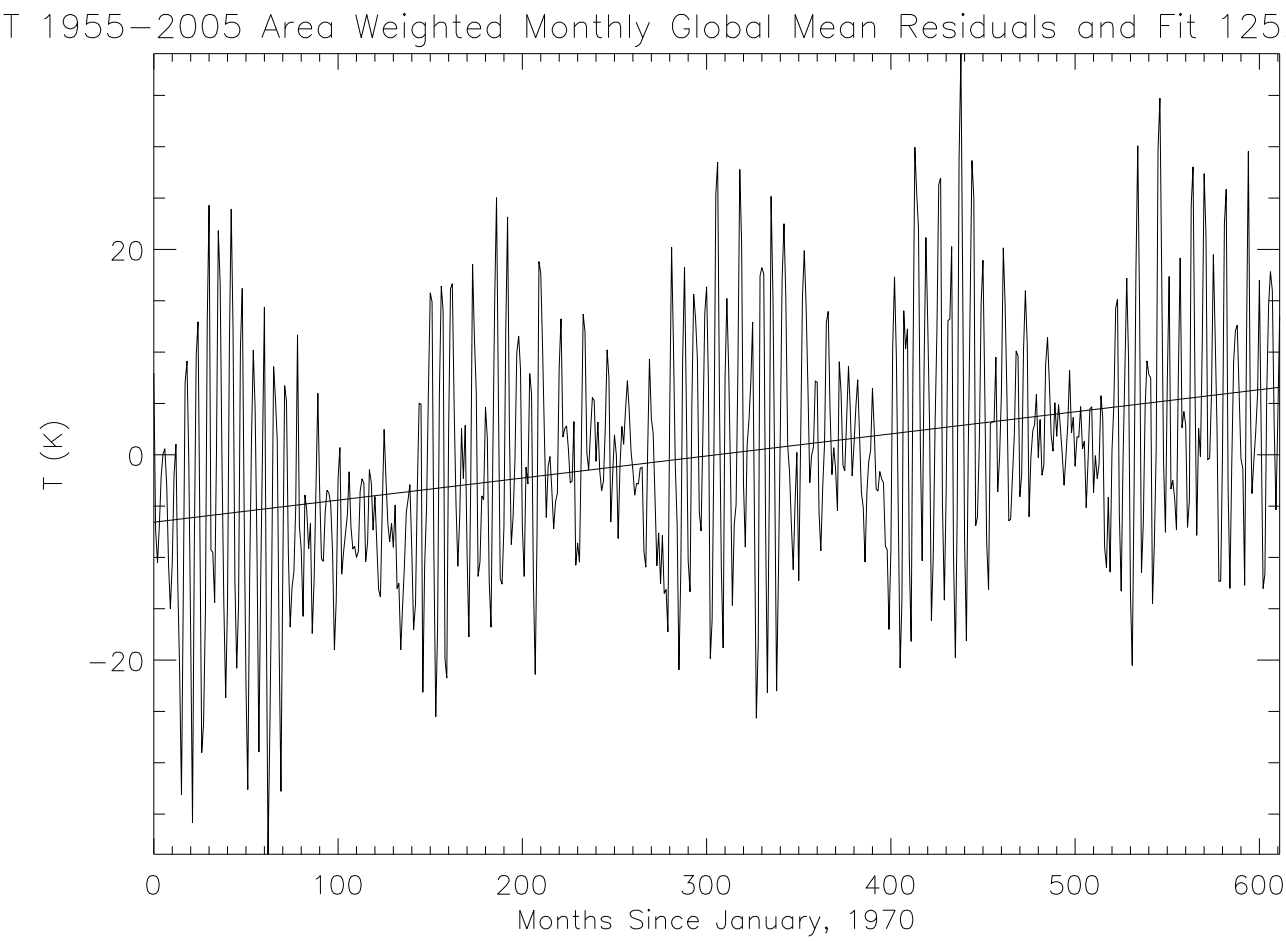

CO2 1970−2000 Area Weighted Monthly Global Mean Residuals and Fit 130.000 km
1.5×10−5
1.0×10−5
5.0×10−6
0
−5.0×10−6
−1.0×10−5
CO2 mol/mol
0
100
200
300
Months Since January, 1970

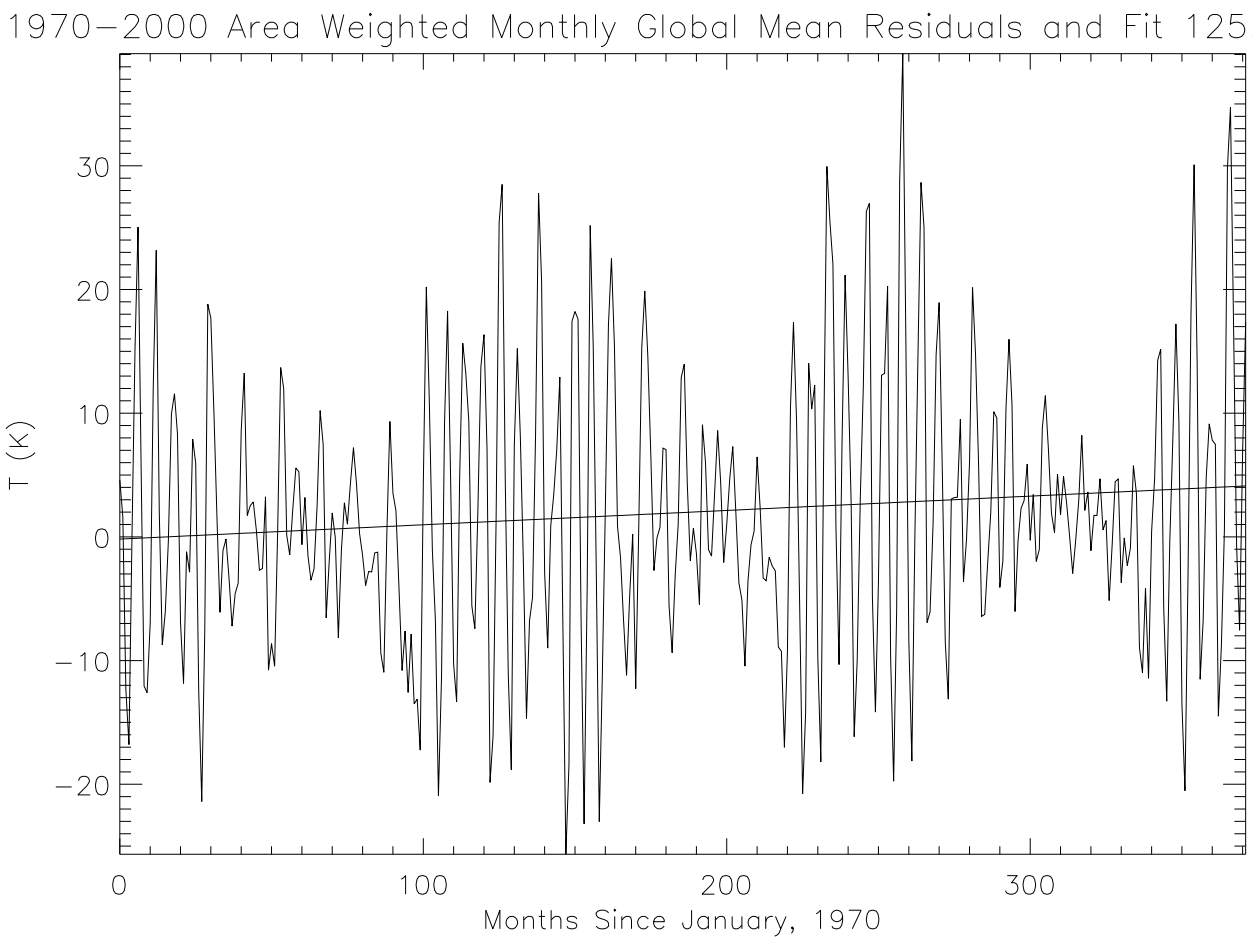

T 1955−2005 Area Weighted Monthly Global Mean Residuals and Fit 130.000 km
40
20
0
−20
−40
T (K)
0
100
200
300
400
500
600
Months Since January, 1970

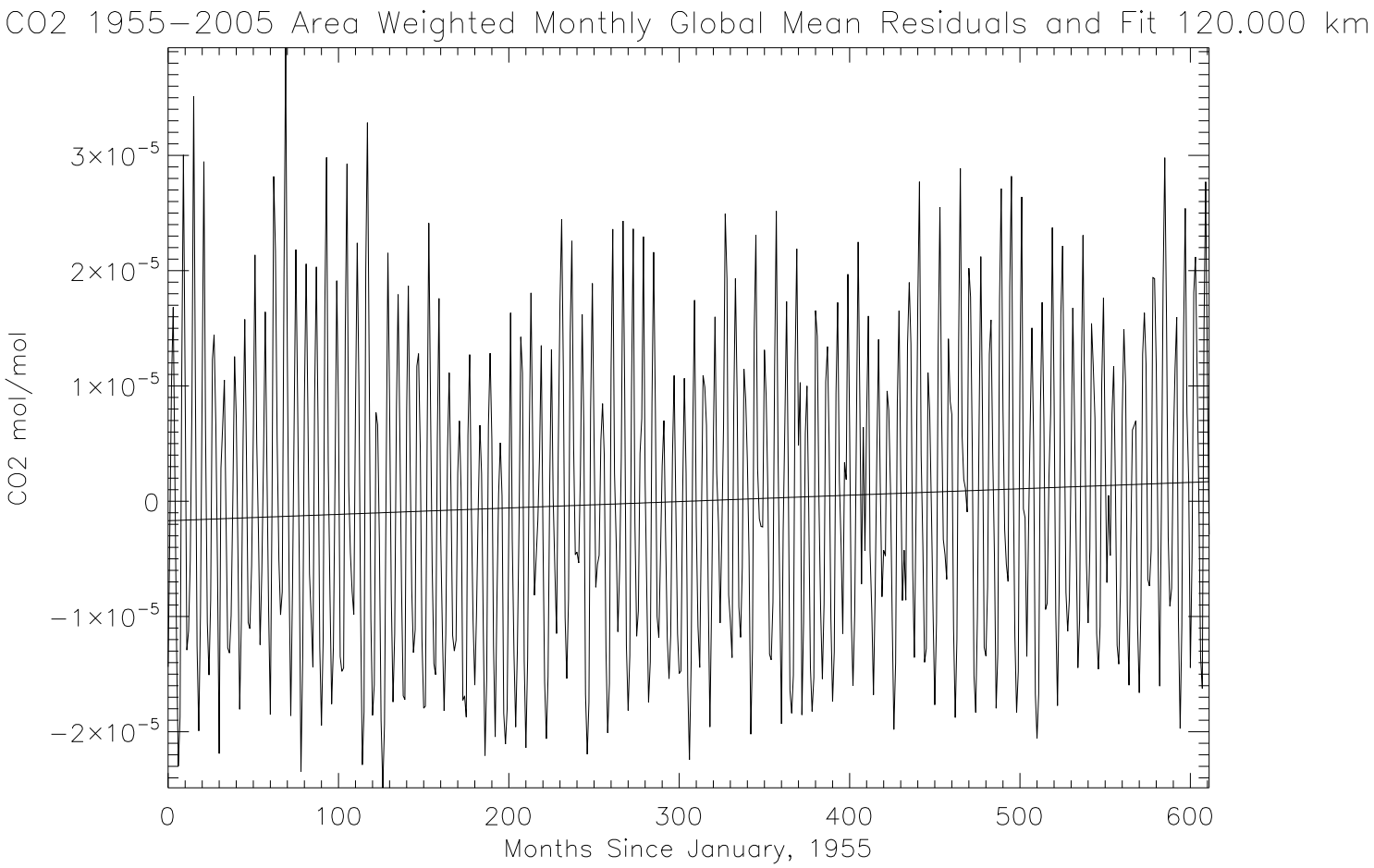

T 1970−2000 Area Weighted Monthly Global Mean Residuals and Fit 130.000 km
40
20
0
−20
T (K)
0
100
200
300
Months Since January, 1970

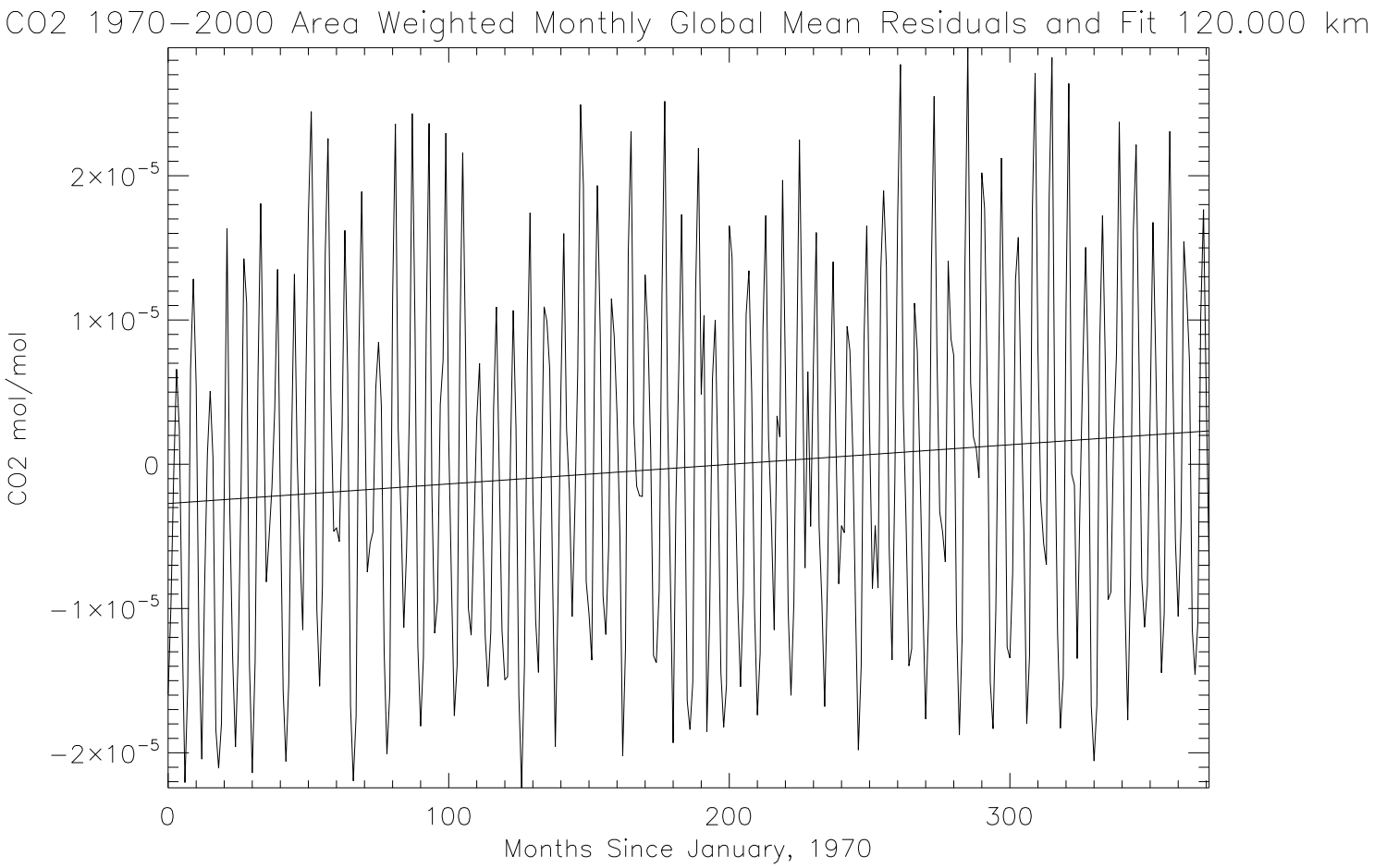

CO2 1955–2005 Area Weighted Monthly Global Mean Residuals and Fit 125.000 km
3×10⁻⁵
2×10⁻⁵
1×10⁻⁵
0
−1×10⁻⁵
CO2 mol/mol
0
100
200
300
400
500
600
Months Since January, 1955

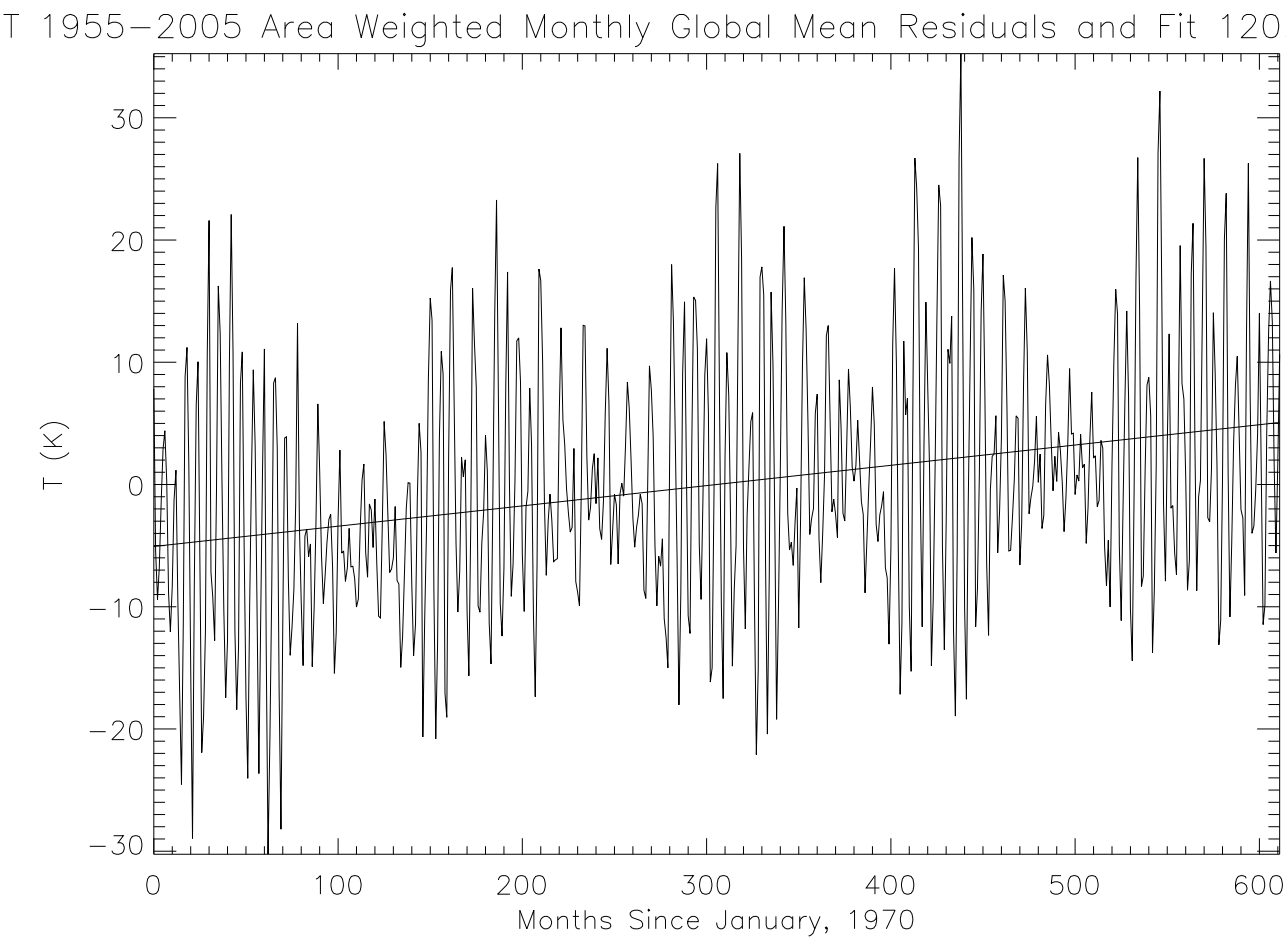

CO2 1970−2000 Area Weighted Monthly Global Mean Residuals and Fit 125.000 km
2×10−5
1×10−5
0
−1×10−5
CO2 mol/mol
0
100
200
300
Months Since January, 1970

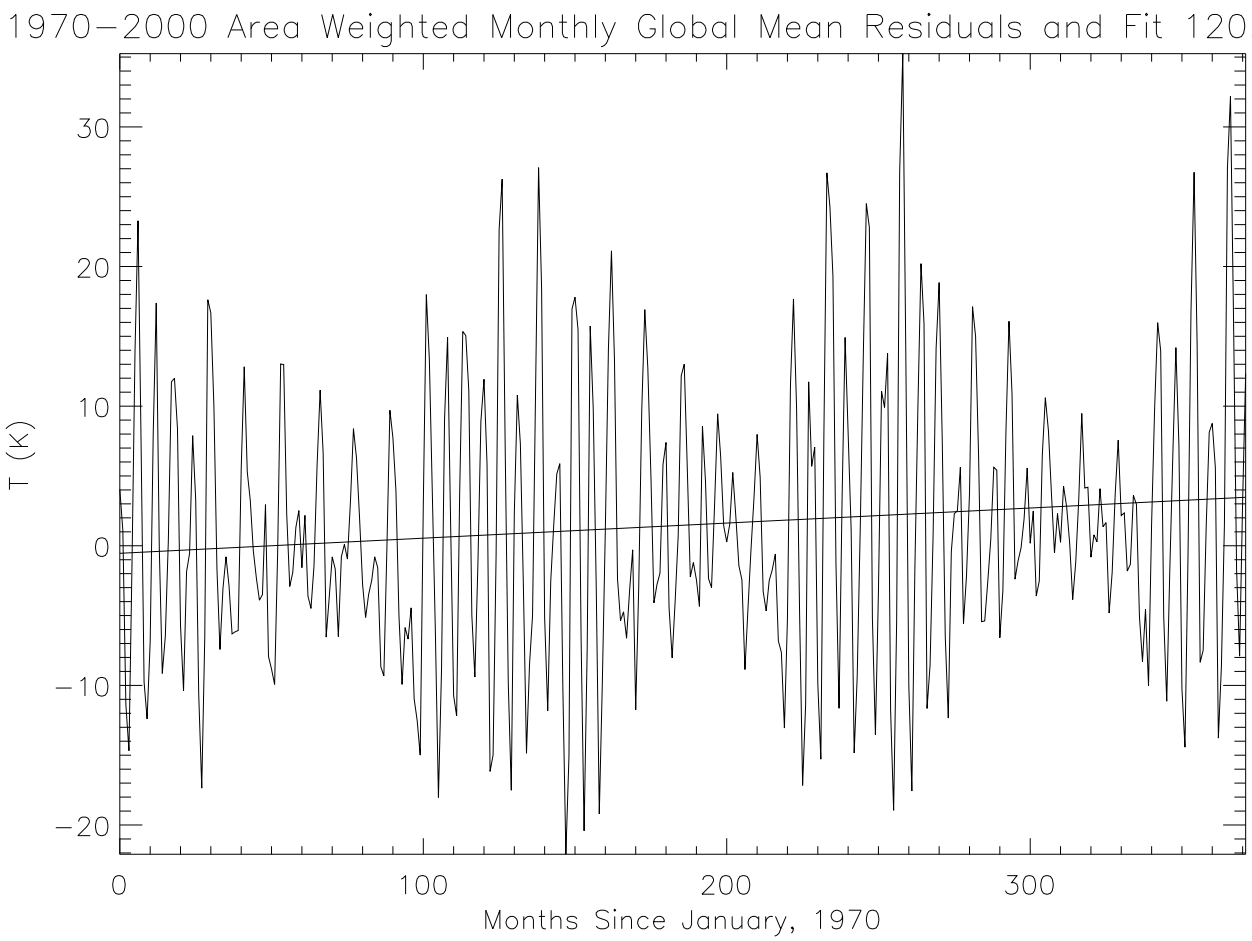

T 1955−2005 Area Weighted Monthly Global Mean Residuals and Fit 125.000 km
T (K)
20
0
−20
0
100
200
300
400
500
600
Months Since January, 1970

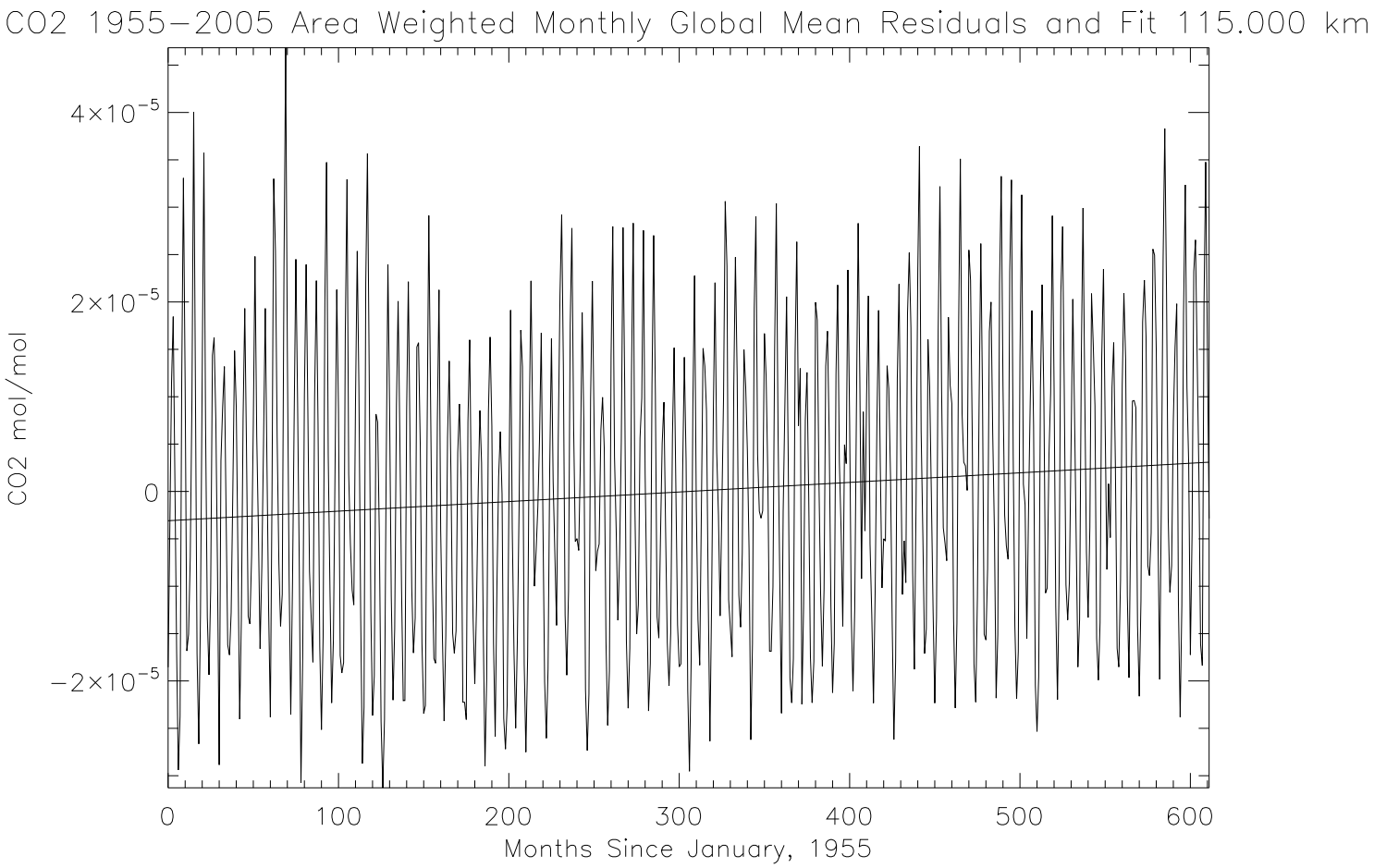

T 1970−2000 Area Weighted Monthly Global Mean Residuals and Fit 125.000 km
T (K)
30
20
10
0
−10
−20
0
100
200
300
Months Since January, 1970

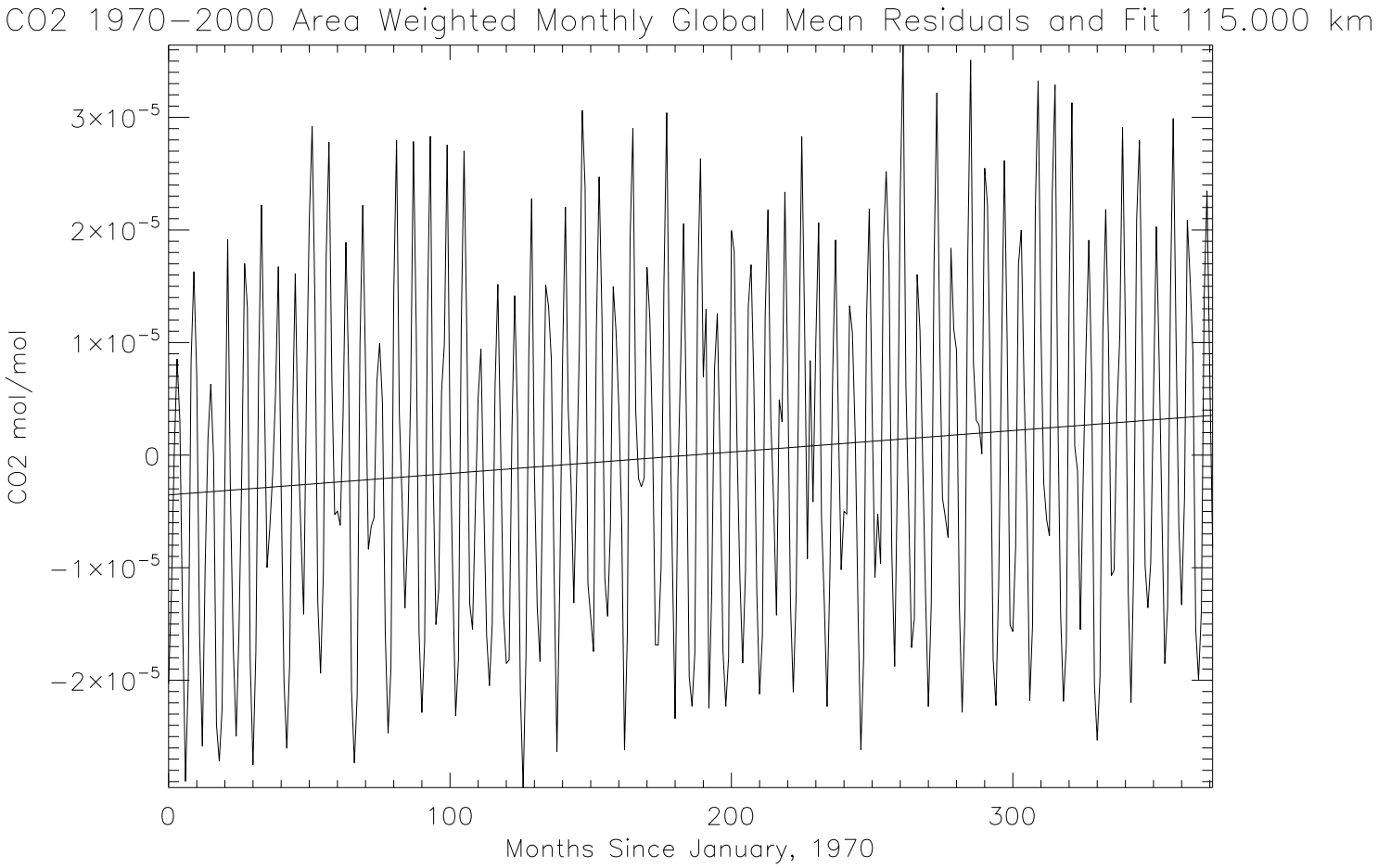

CO2 1955–2005 Area Weighted Monthly Global Mean Residuals and Fit 120.000 km
CO2 mol/mol
3×10−5
2×10−5
1×10−5
0
−1×10−5
−2×10−5
0
100
200
300
400
500
600
Months Since January, 1955

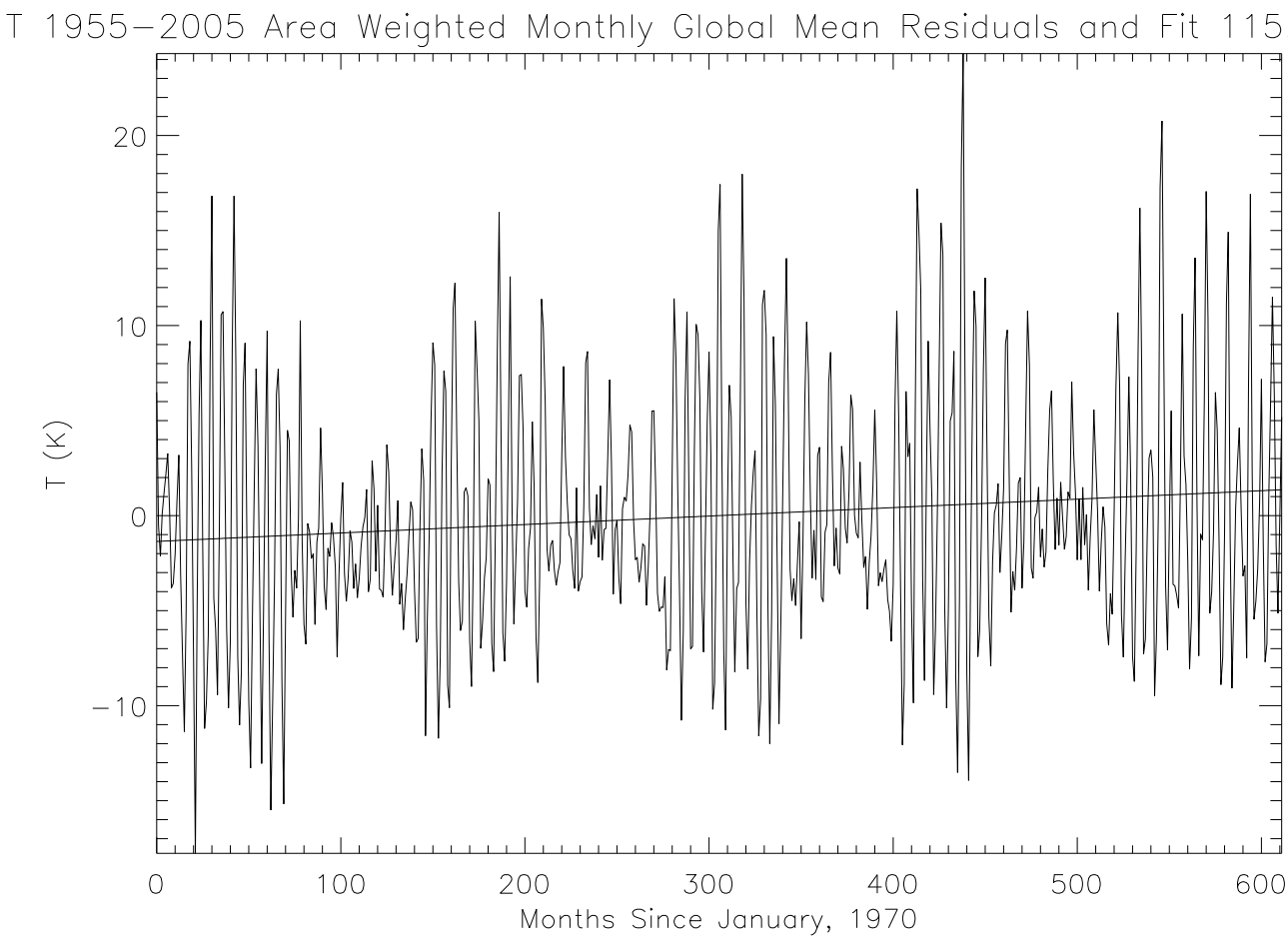

CO2 1970−2000 Area Weighted Monthly Global Mean Residuals and Fit 120.000 km
2×10−5
1×10−5
0
−1×10−5
−2×10−5
CO2 mol/mol
0
100
200
300
Months Since January, 1970

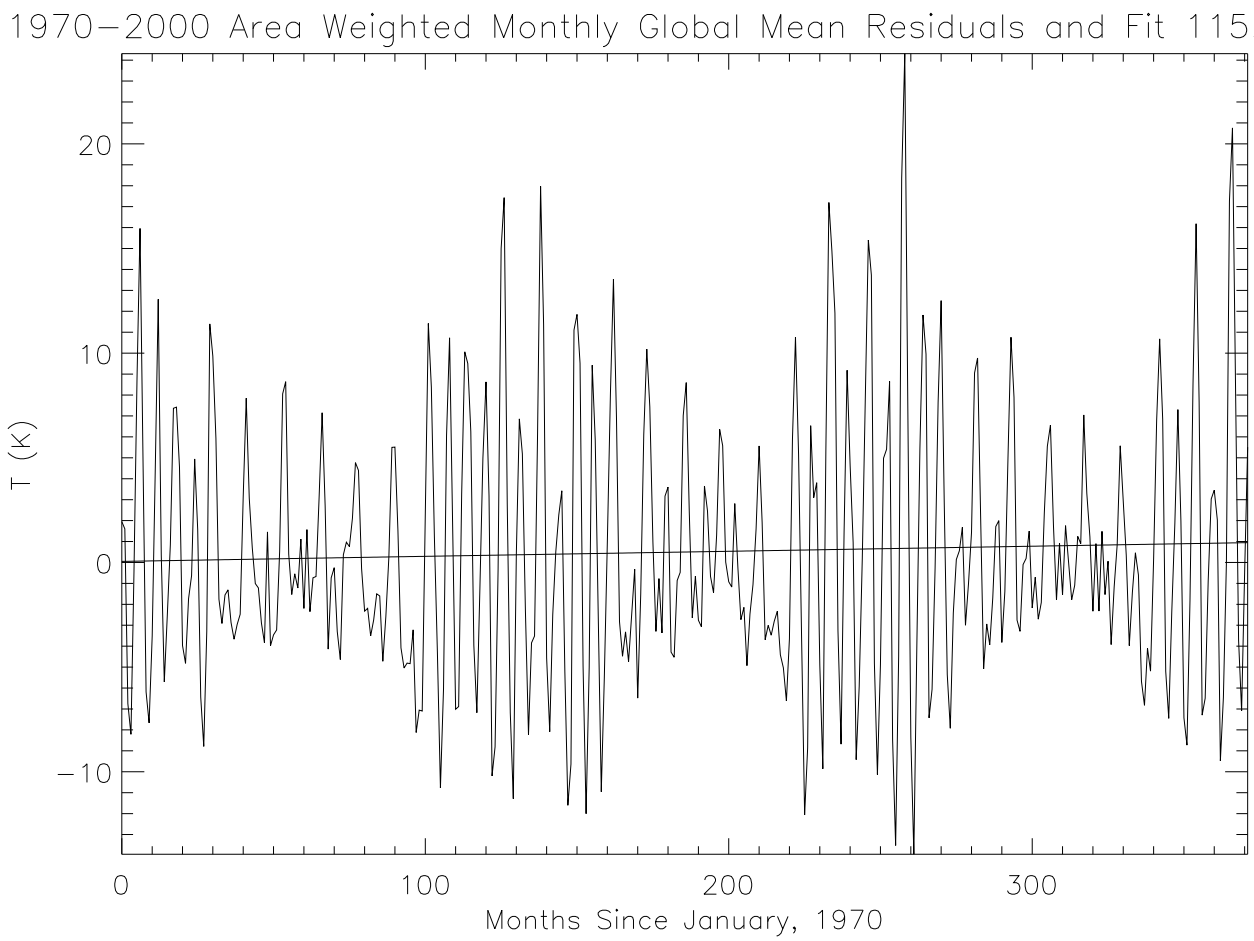

T 1955−2005 Area Weighted Monthly Global Mean Residuals and Fit 120.000 km
T (K)
30
20
10
0
−10
−20
−30
0
100
200
300
400
500
600
Months Since January, 1970

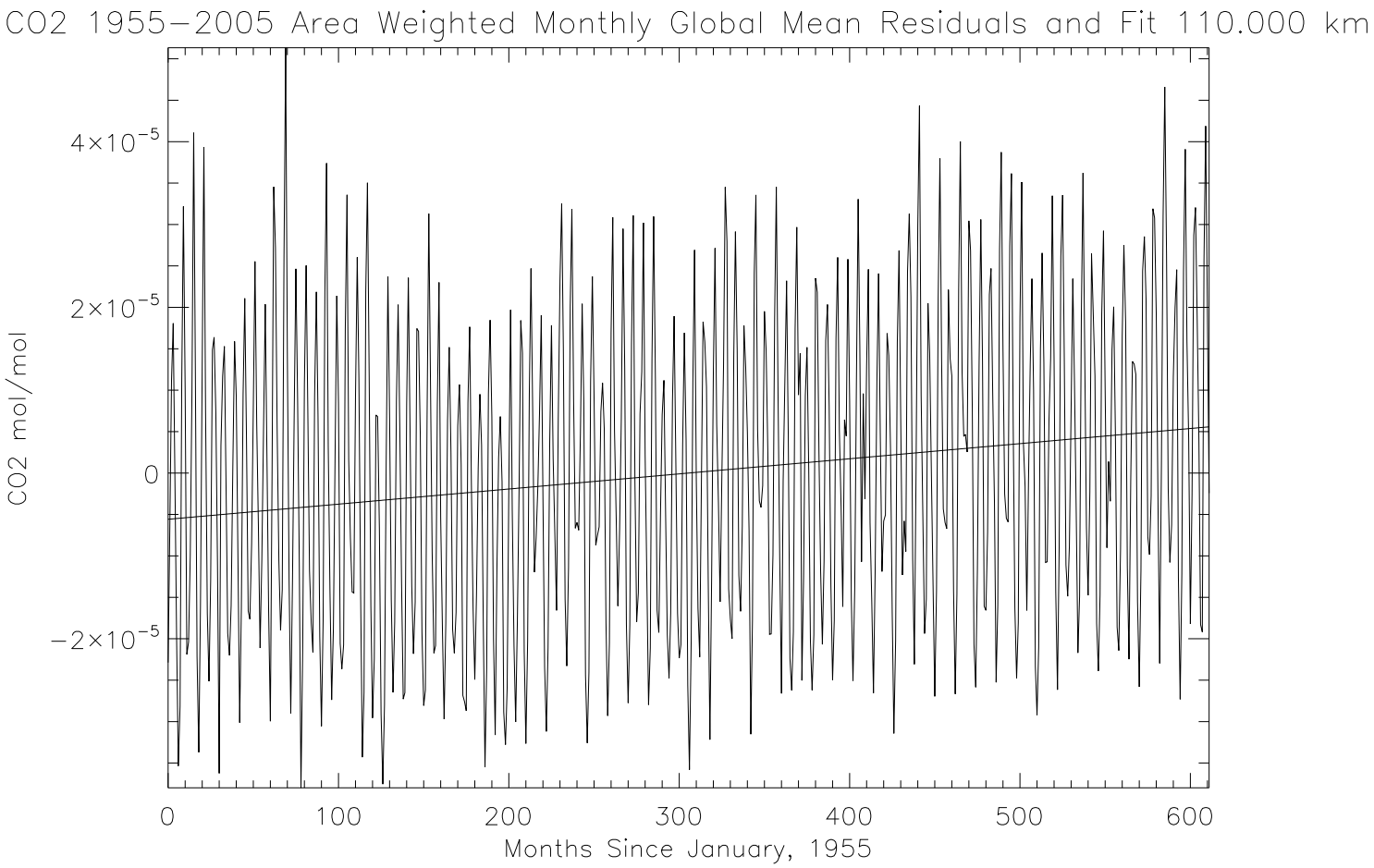

T 1970−2000 Area Weighted Monthly Global Mean Residuals and Fit 120.000 km
30
20
10
0
−10
−20
T (K)
0
100
200
300
Months Since January, 1970

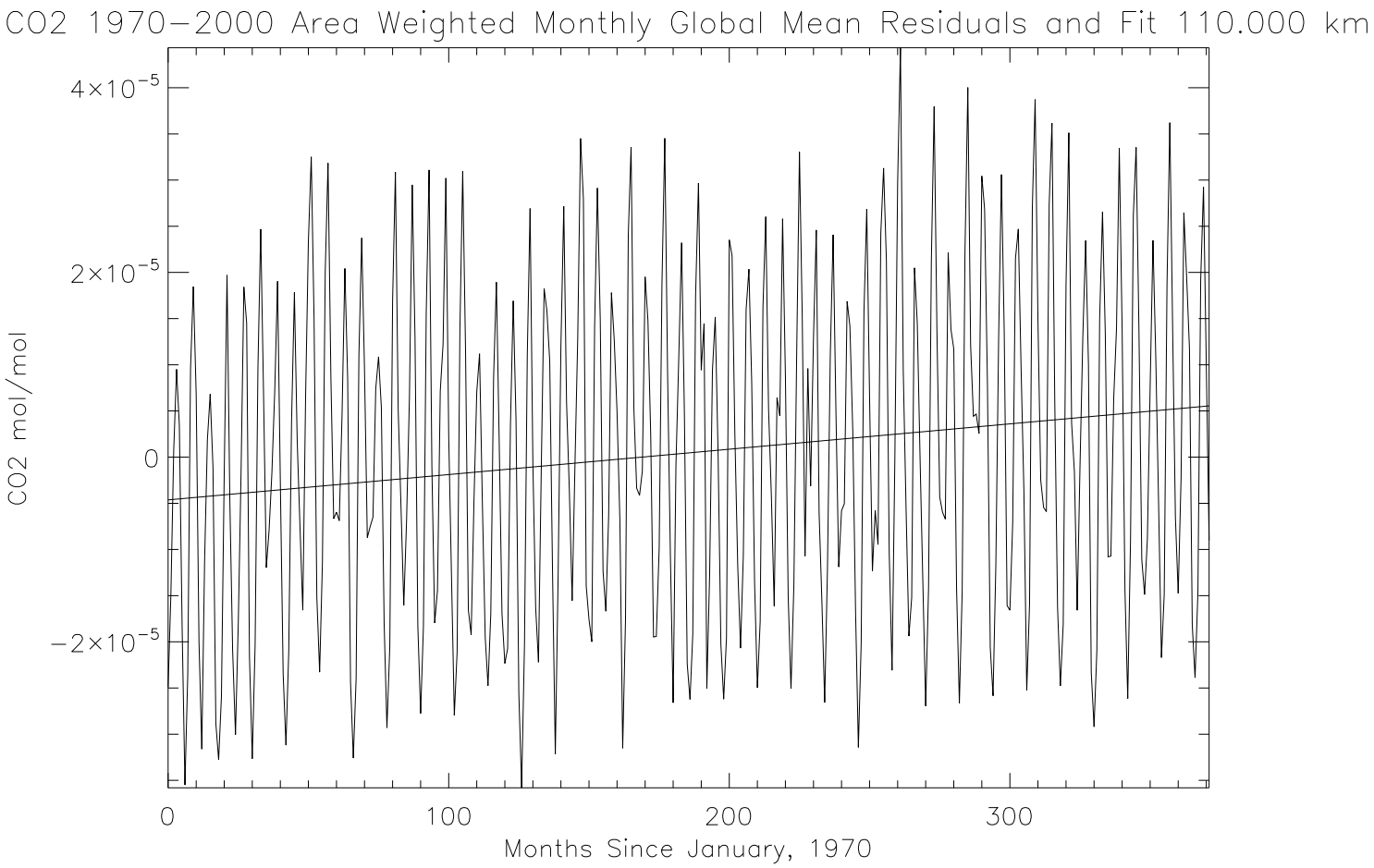

CO2 1955–2005 Area Weighted Monthly Global Mean Residuals and Fit 115.000 km
4×10⁻⁵
2×10⁻⁵
0
−2×10⁻⁵
CO2 mol/mol
0
100
200
300
400
500
600
Months Since January, 1955

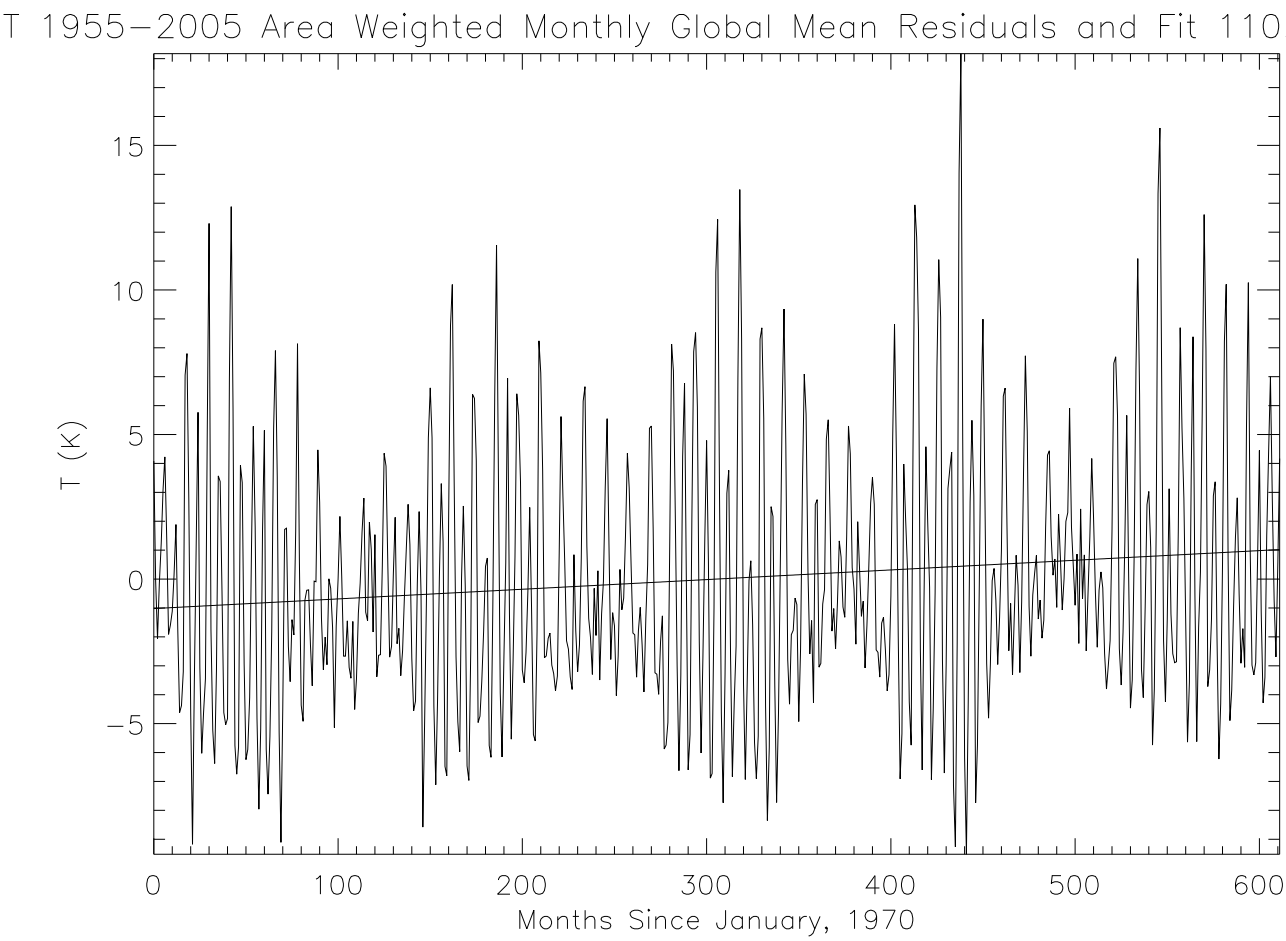

CO2 1970−2000 Area Weighted Monthly Global Mean Residuals and Fit 115.000 km
3×10⁻⁵
2×10⁻⁵
1×10⁻⁵
0
−1×10⁻⁵
−2×10⁻⁵
CO2 mol/mol
0
100
200
300
Months Since January, 1970

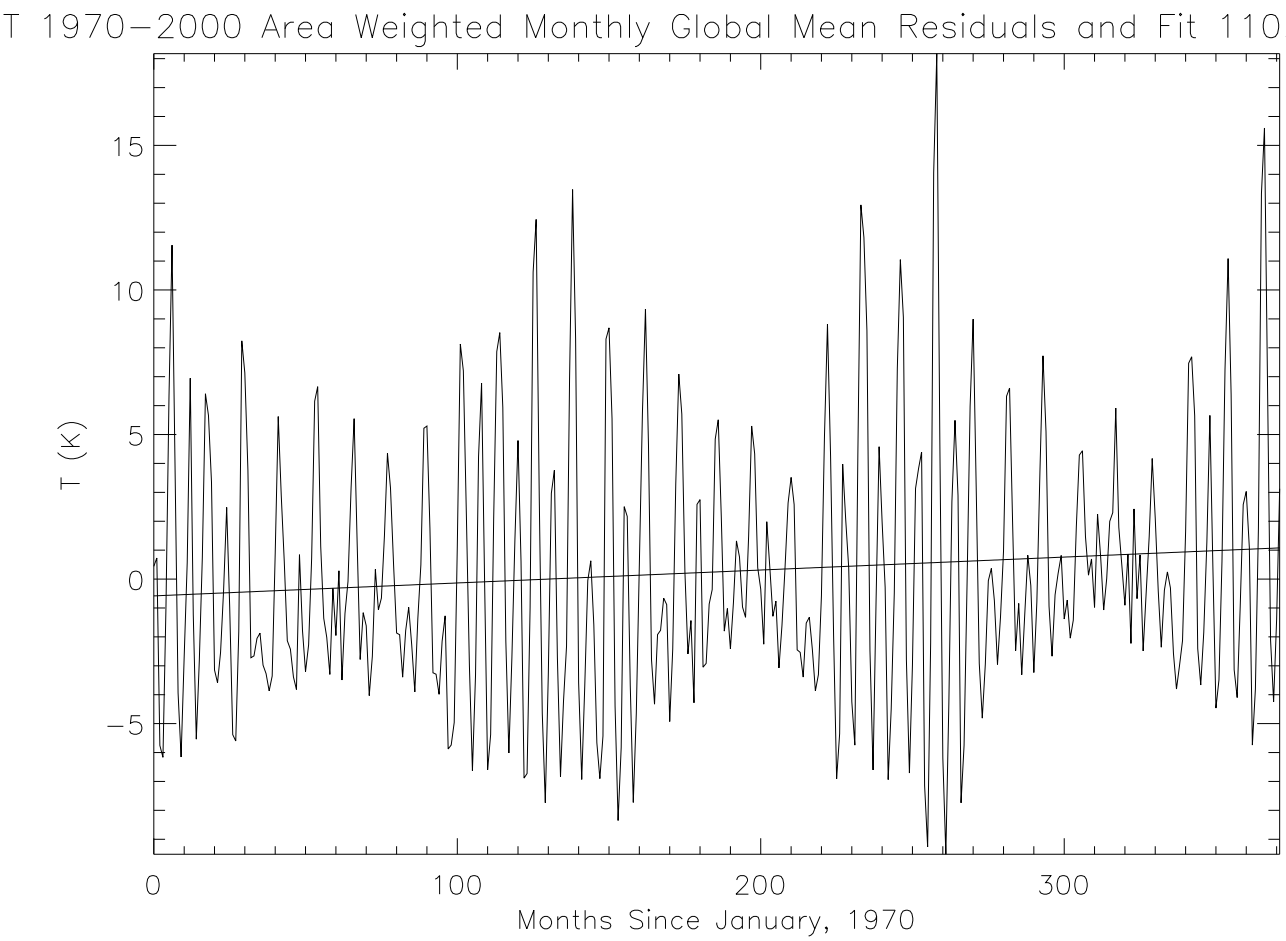

T 1955–2005 Area Weighted Monthly Global Mean Residuals and Fit 115.000 km
20
10
0
−10
T (K)
0
100
200
300
400
500
600
Months Since January, 1970

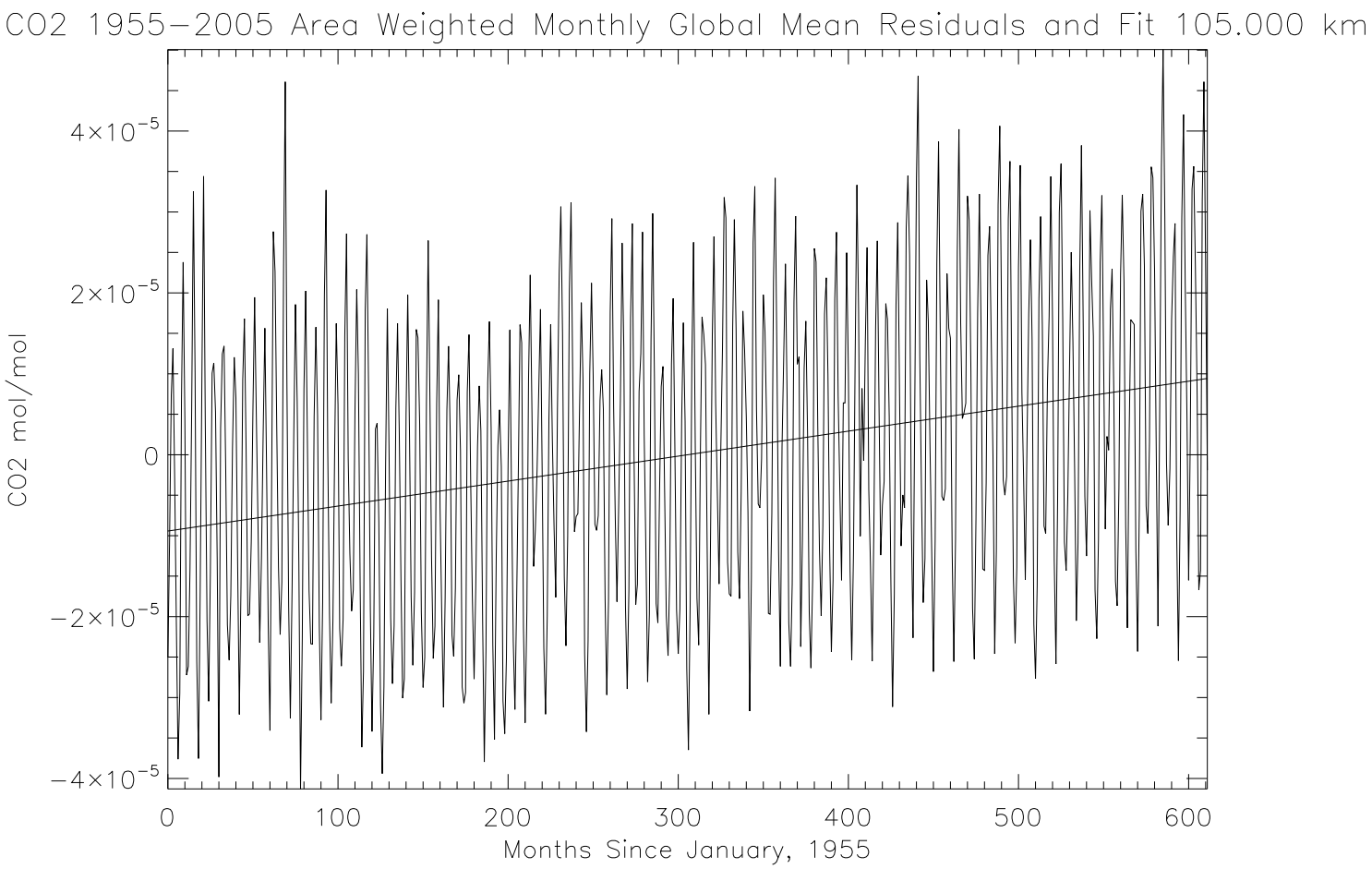

T 1970−2000 Area Weighted Monthly Global Mean Residuals and Fit 115.000 km
20
10
0
−10
T (K)
0
100
200
300
Months Since January, 1970

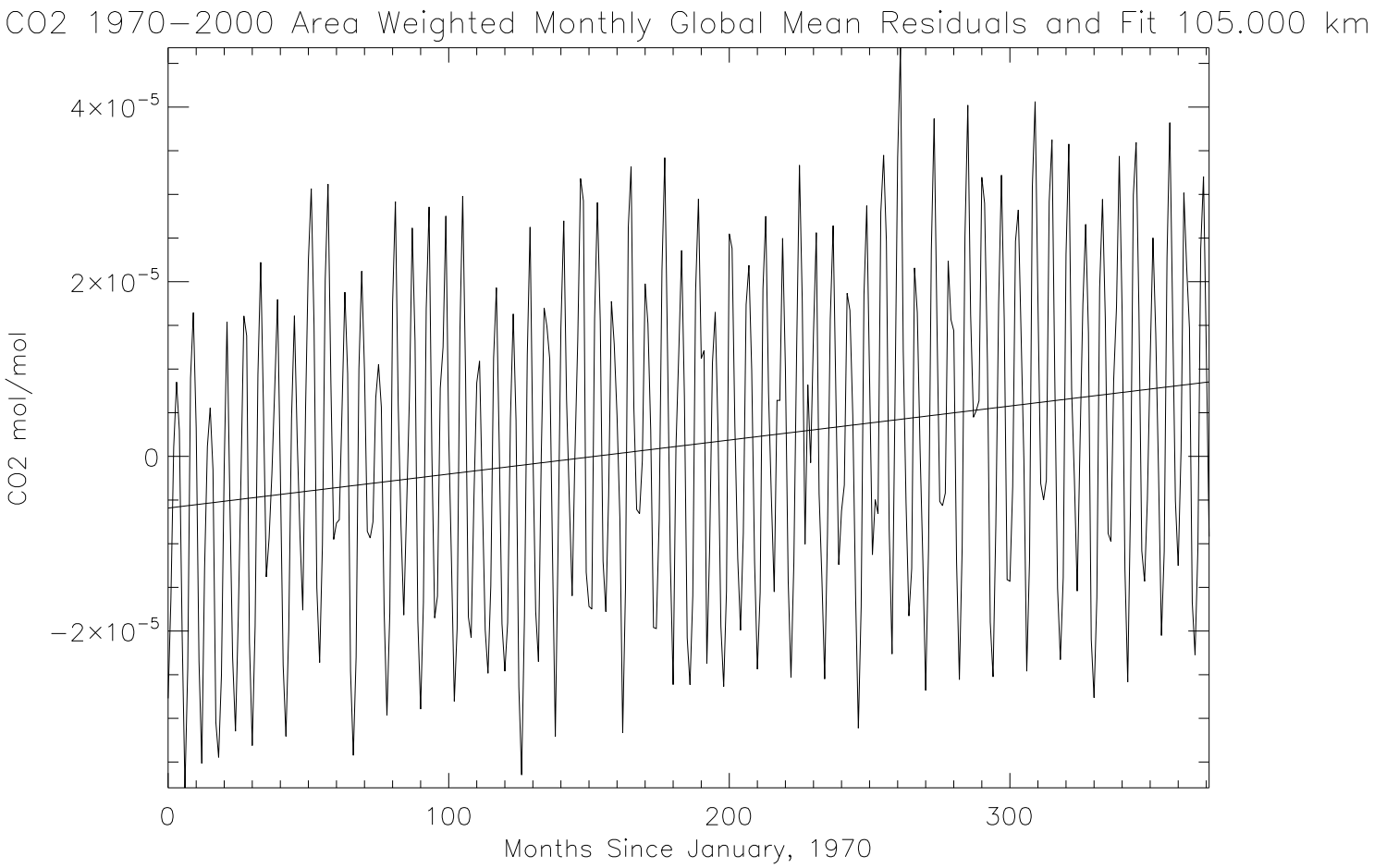

CO2 1955–2005 Area Weighted Monthly Global Mean Residuals and Fit 110.000 km
4×10⁻⁵
2×10⁻⁵
0
−2×10⁻⁵
CO2 mol/mol
0
100
200
300
400
500
600
Months Since January, 1955

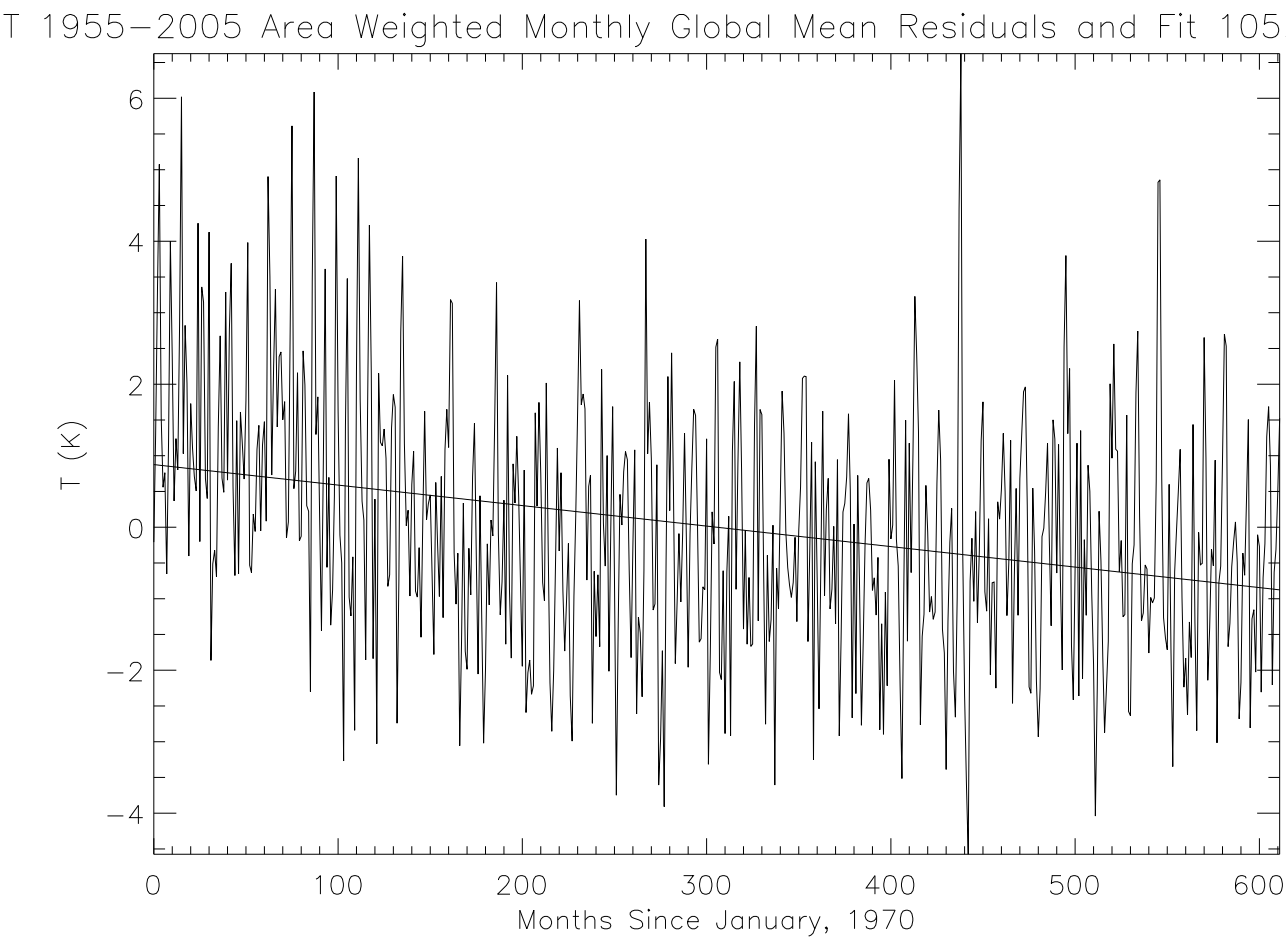

CO2 1970−2000 Area Weighted Monthly Global Mean Residuals and Fit 110.000 km
4×10−5
2×10−5
0
−2×10−5
CO2 mol/mol
0
100
200
300
Months Since January, 1970

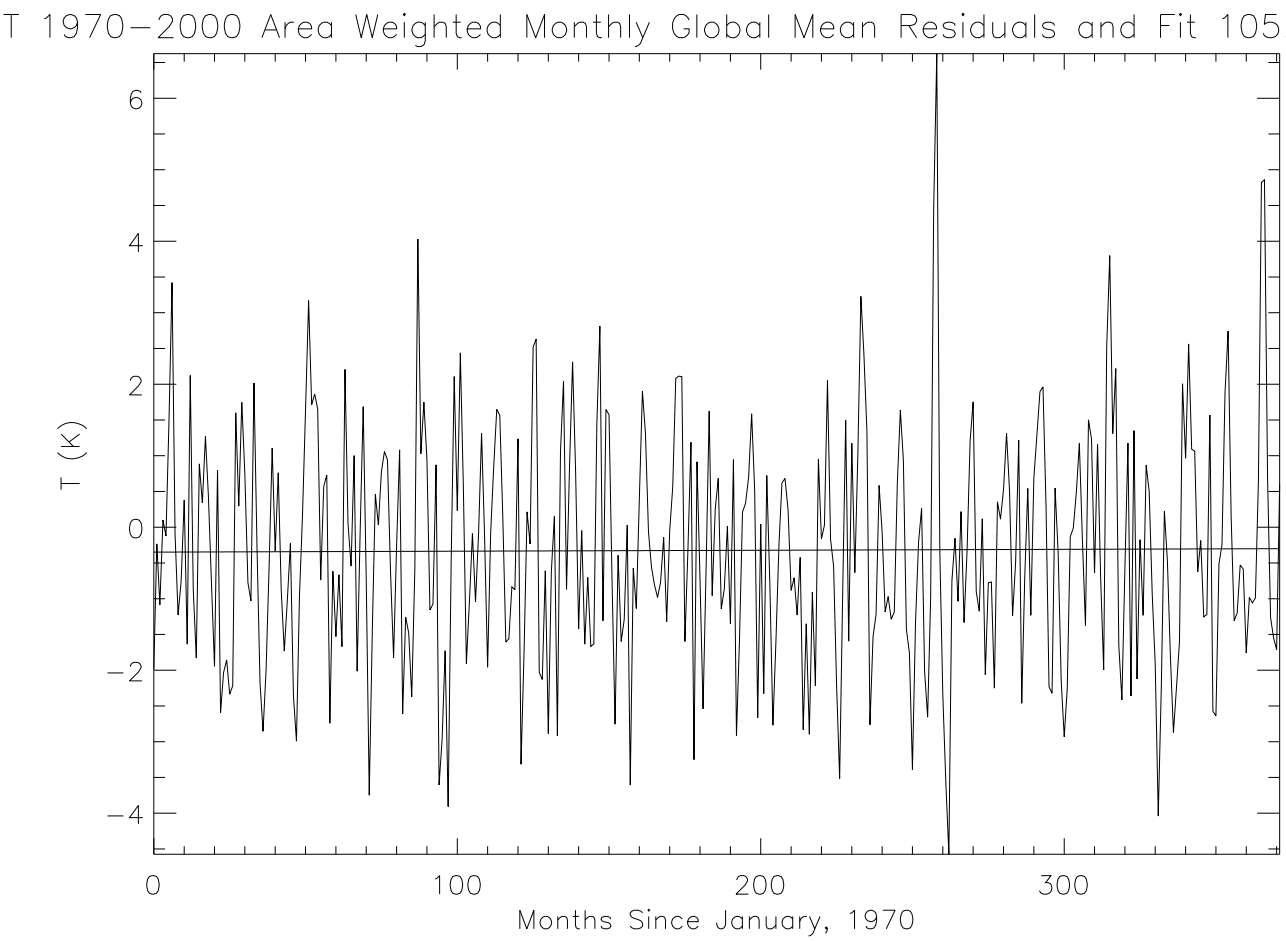

T 1955–2005 Area Weighted Monthly Global Mean Residuals and Fit 110.000 km
T (K)
15
10
5
0
−5
0
100
200
300
400
500
600
Months Since January, 1970

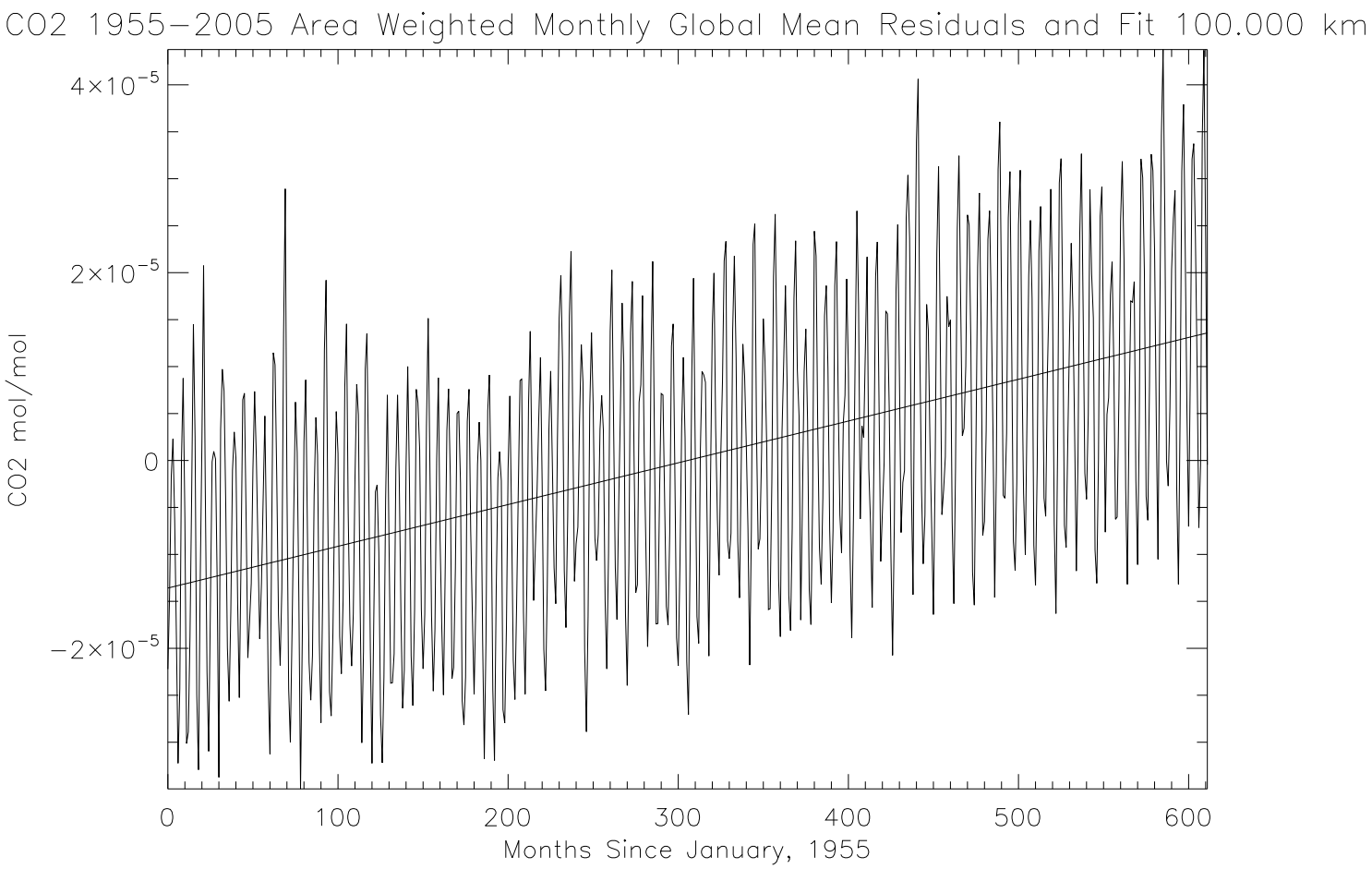

T 1970−2000 Area Weighted Monthly Global Mean Residuals and Fit 110.000 km
15
10
5
0
−5
T (K)
0
100
200
300
Months Since January, 1970

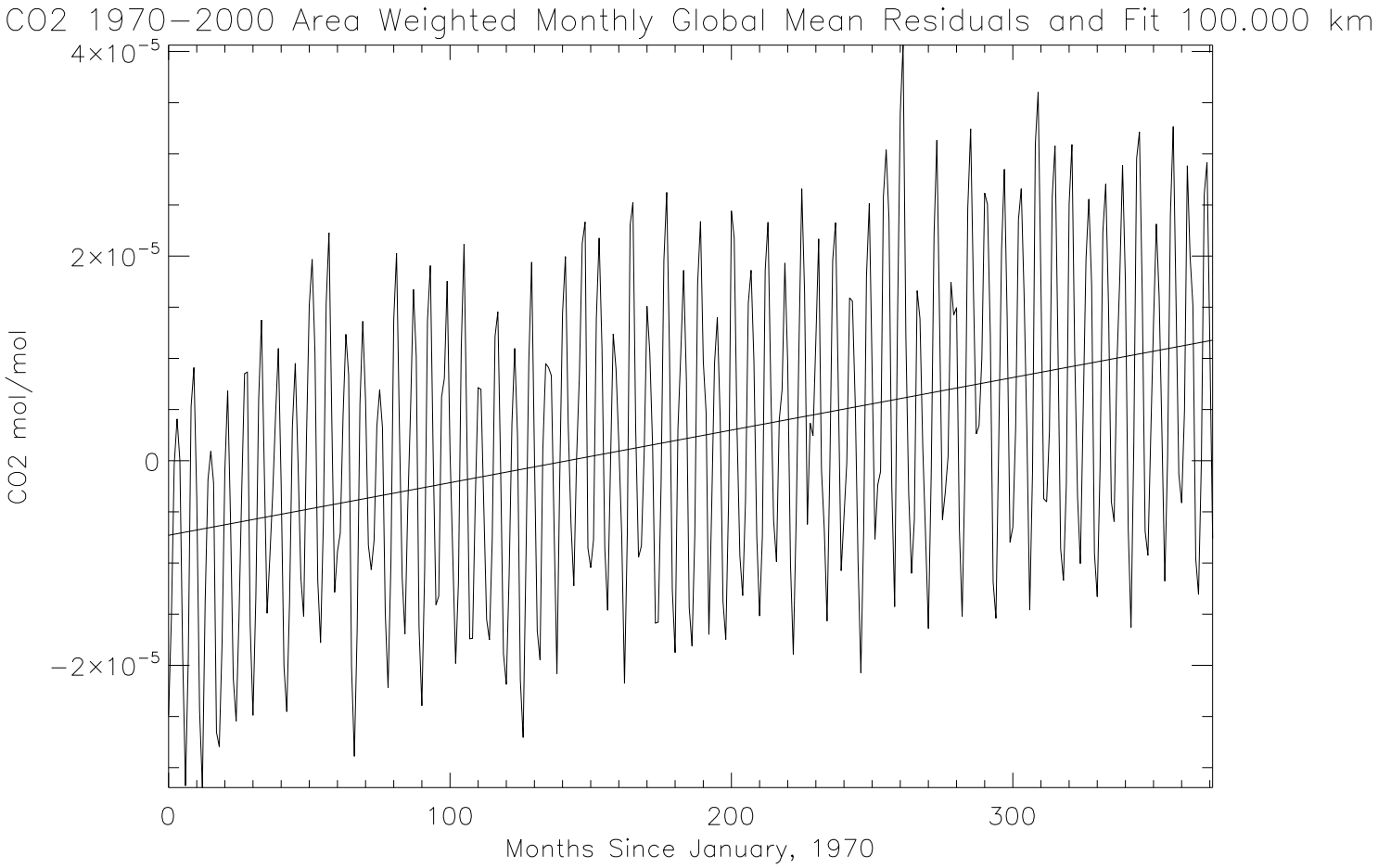

CO2 1955–2005 Area Weighted Monthly Global Mean Residuals and Fit 105.000 km
4×10⁻⁵
2×10⁻⁵
0
−2×10⁻⁵
−4×10⁻⁵
CO2 mol/mol
0
100
200
300
400
500
600
Months Since January, 1955

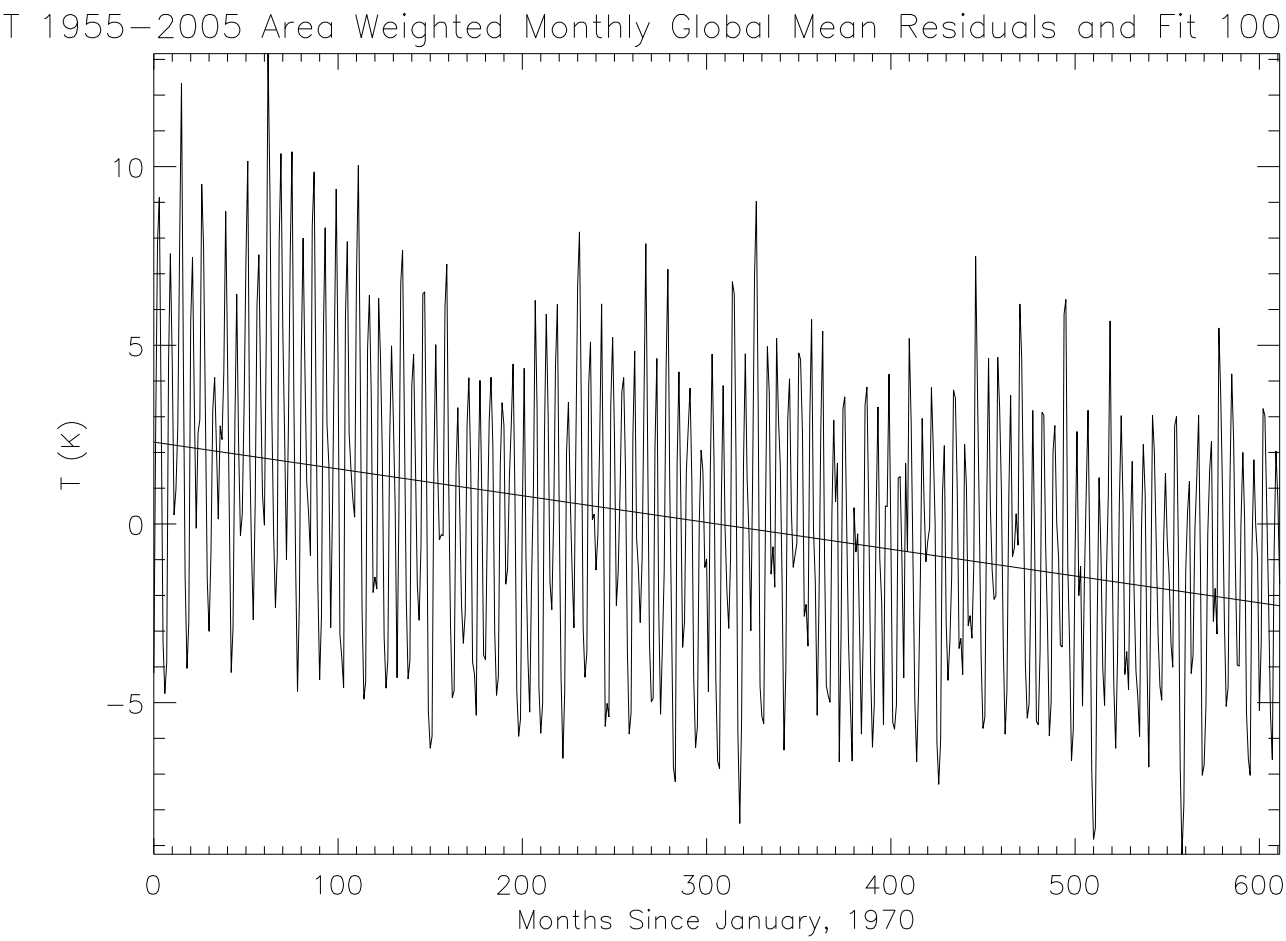

CO2 1970−2000 Area Weighted Monthly Global Mean Residuals and Fit 105.000 km
4×10−5
2×10−5
0
−2×10−5
CO2 mol/mol
0
100
200
300
Months Since January, 1970

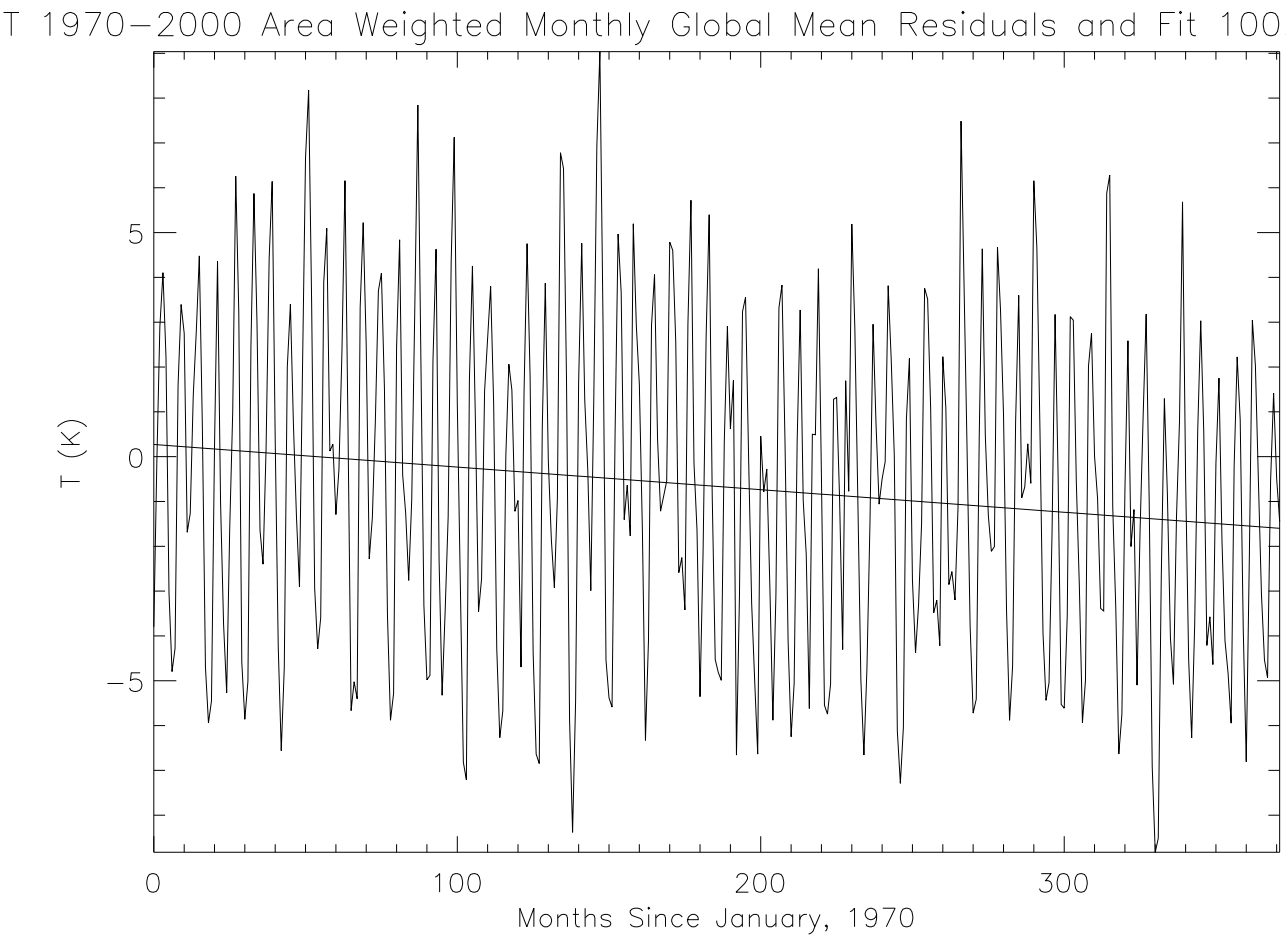

T 1955−2005 Area Weighted Monthly Global Mean Residuals and Fit 105.000 km
T (K)
6
4
2
0
−2
−4
0
100
200
300
400
500
600
Months Since January, 1970

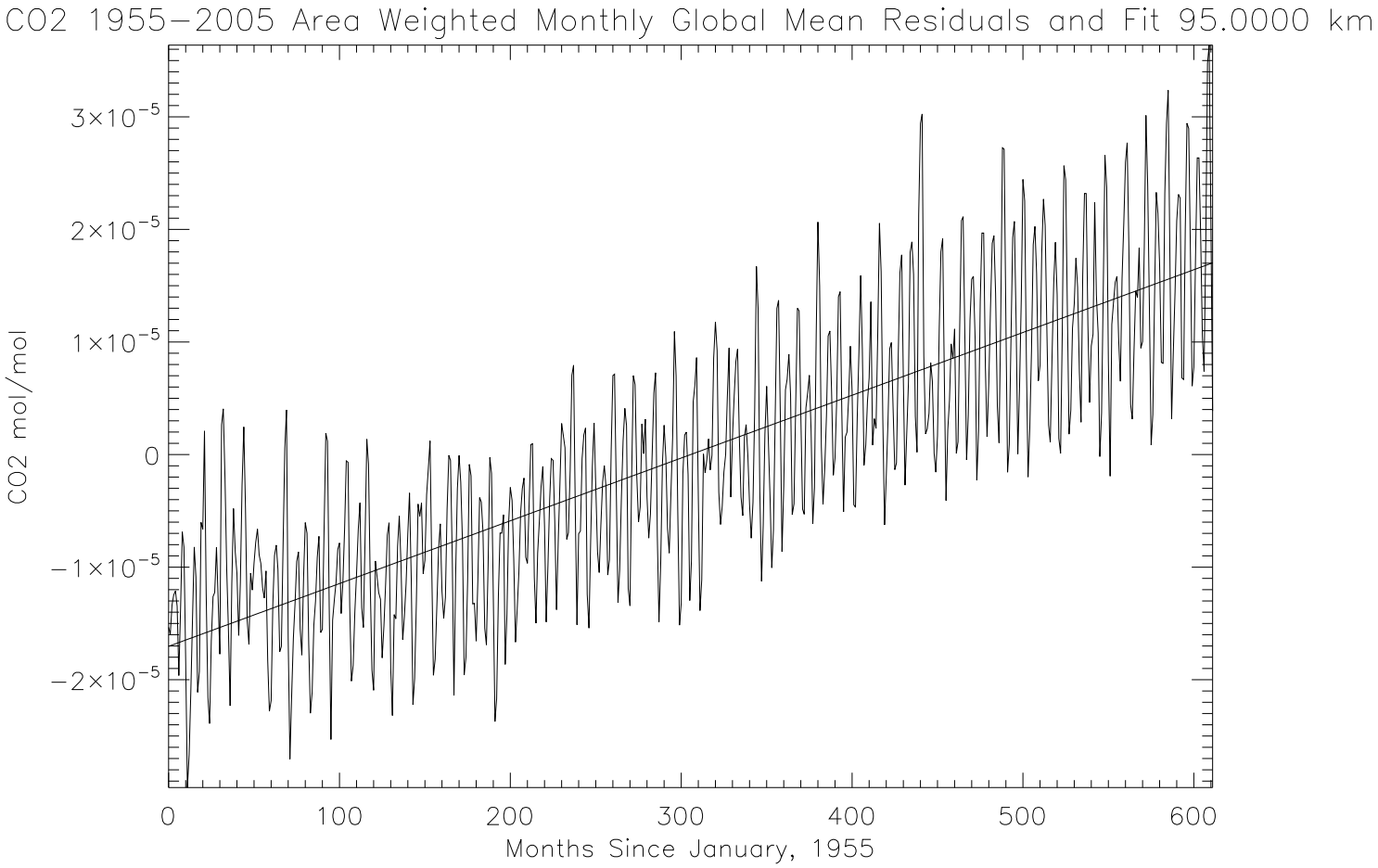

T 1970−2000 Area Weighted Monthly Global Mean Residuals and Fit 105.000 km
T (K)
6
4
2
0
−2
−4
0
100
200
300
Months Since January, 1970

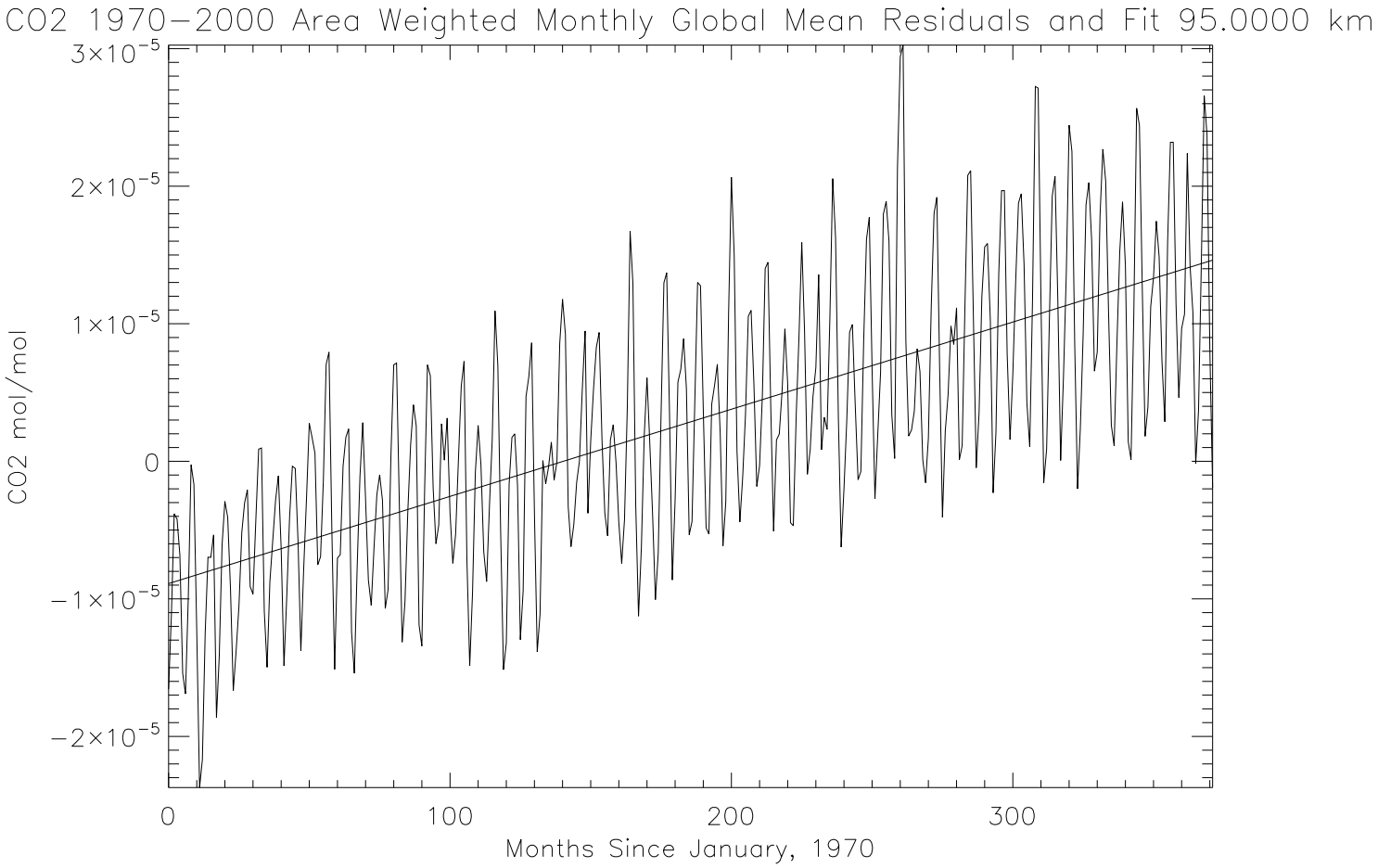

CO2 1955–2005 Area Weighted Monthly Global Mean Residuals and Fit 100.000 km
4×10−5
2×10−5
0
−2×10−5
CO2 mol/mol
0
100
200
300
400
500
600
Months Since January, 1955

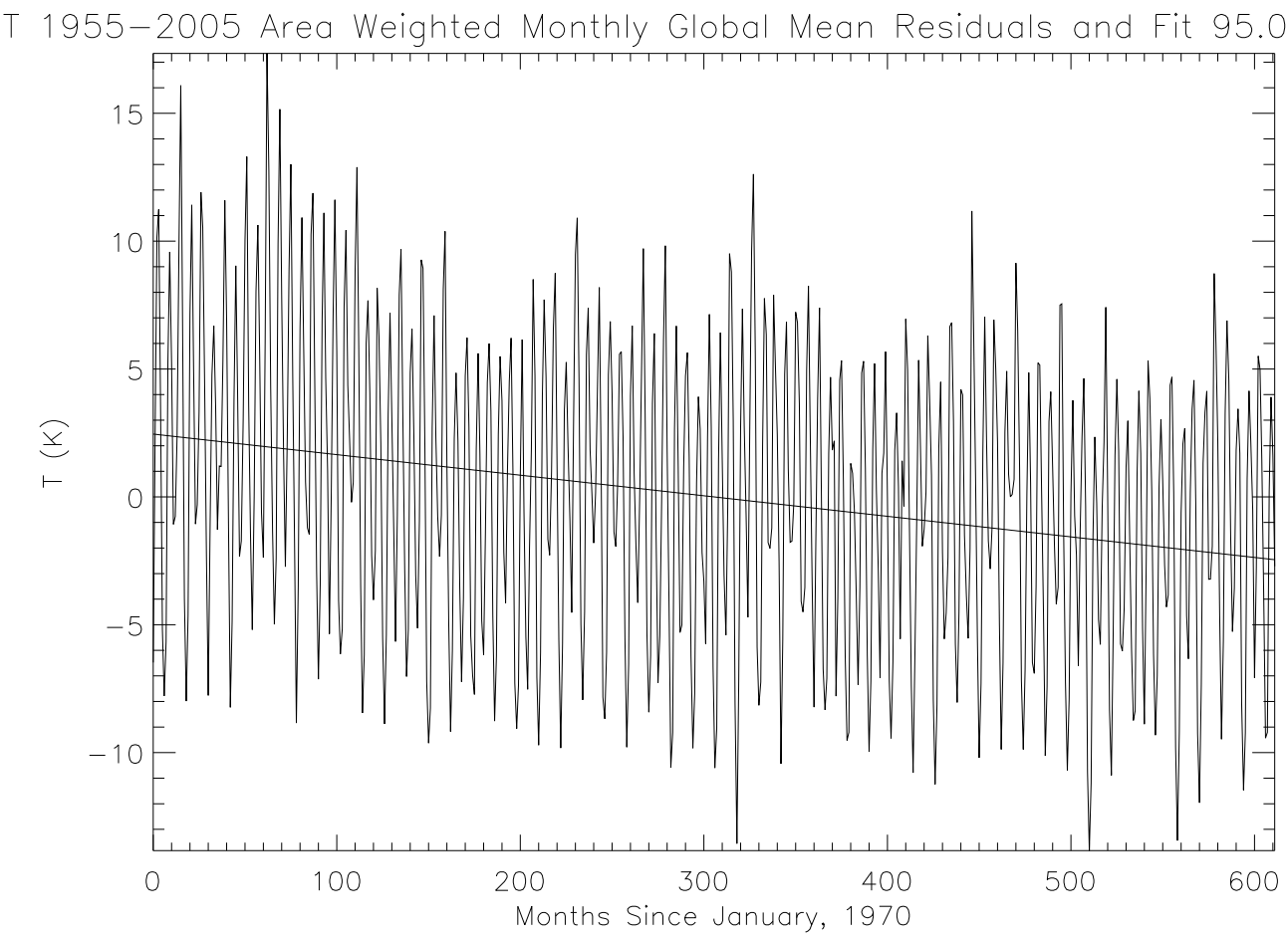

CO2 1970−2000 Area Weighted Monthly Global Mean Residuals and Fit 100.000 km
4×10−5
2×10−5
0
−2×10−5
CO2 mol/mol
0
100
200
300
Months Since January, 1970

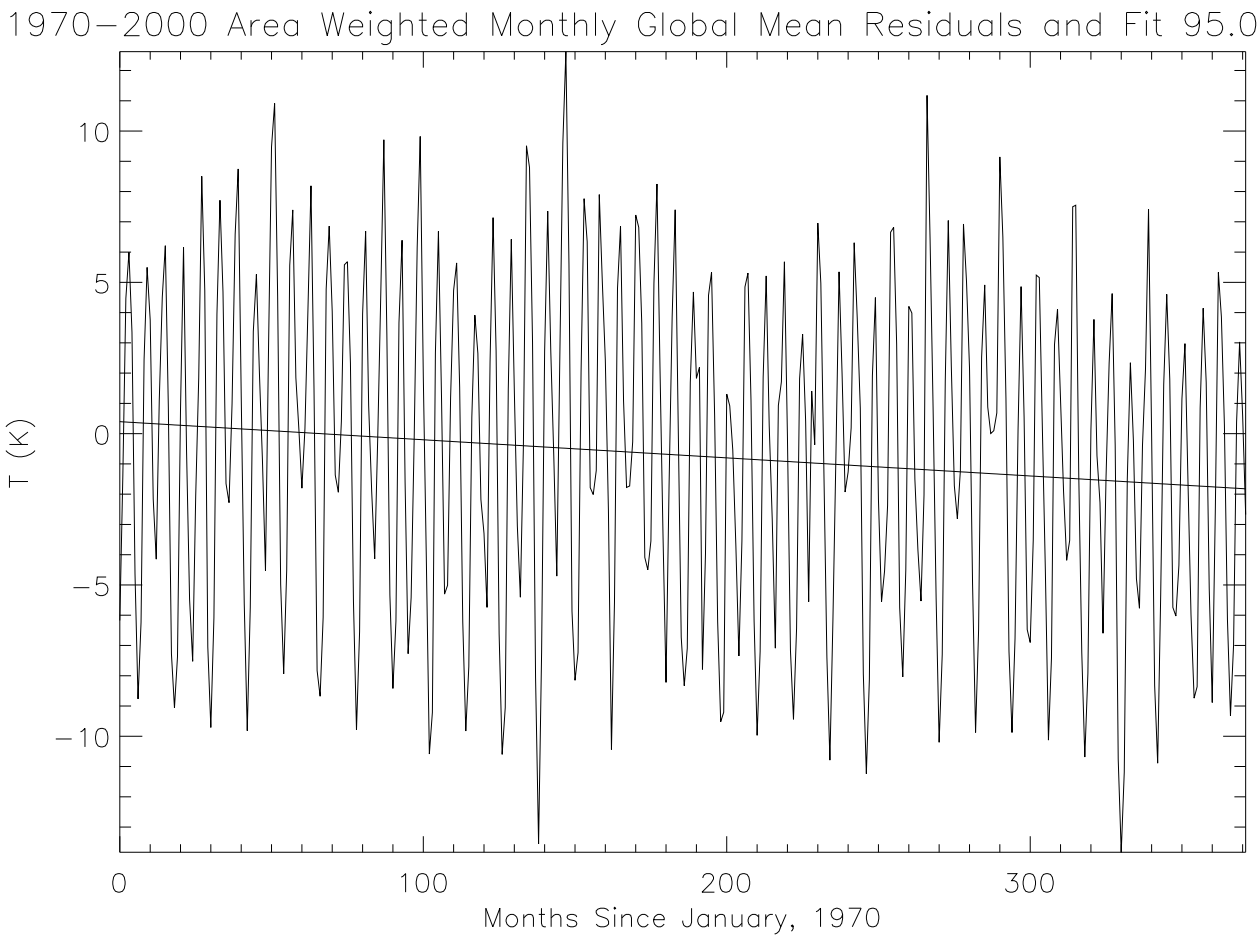

T 1955−2005 Area Weighted Monthly Global Mean Residuals and Fit 100.000 km
T (K)
10
5
0
−5
0
100
200
300
400
500
600
Months Since January, 1970

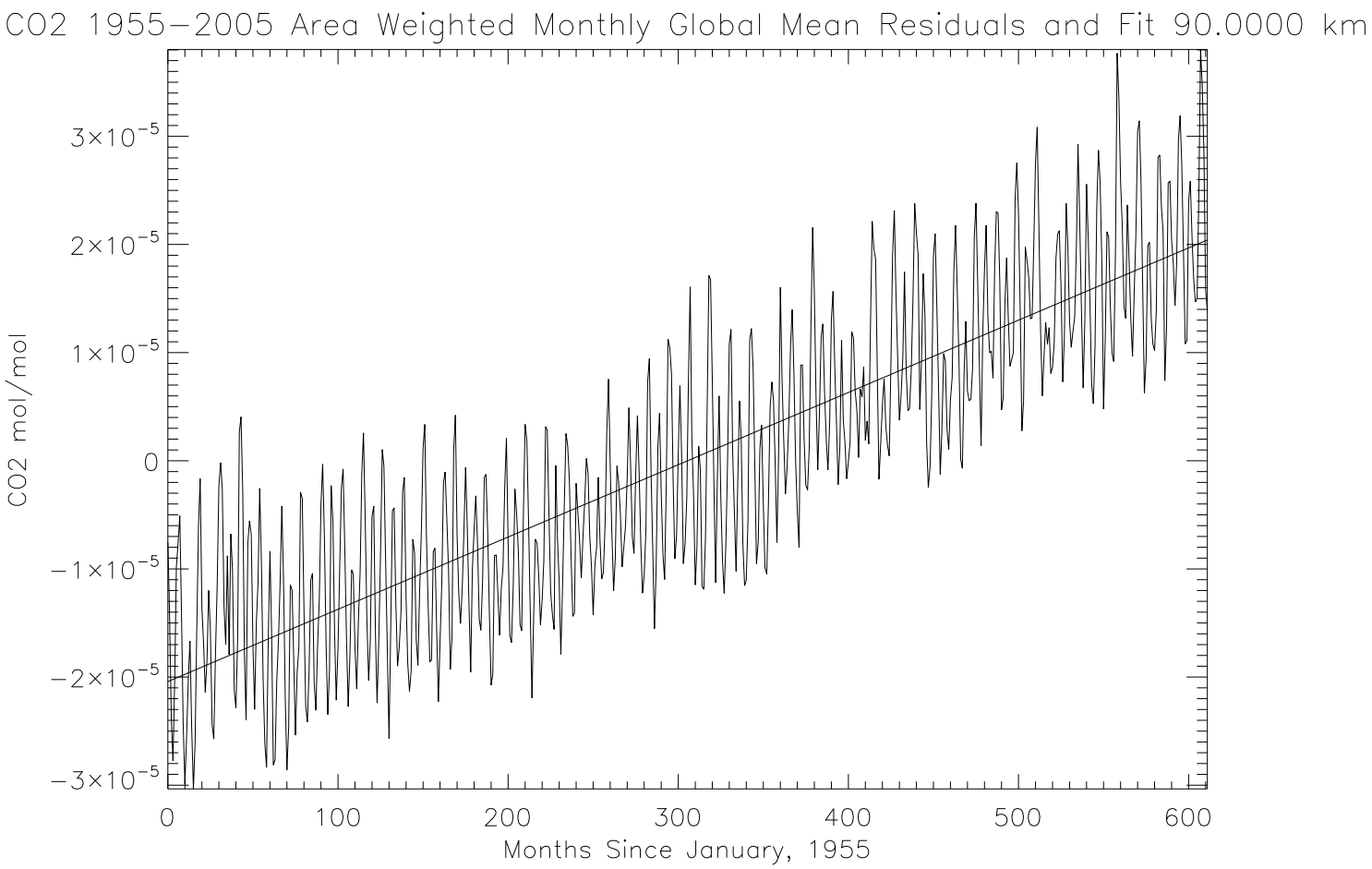

T 1970−2000 Area Weighted Monthly Global Mean Residuals and Fit 100.000 km
T (K)
5
0
−5
0
100
200
300
Months Since January, 1970

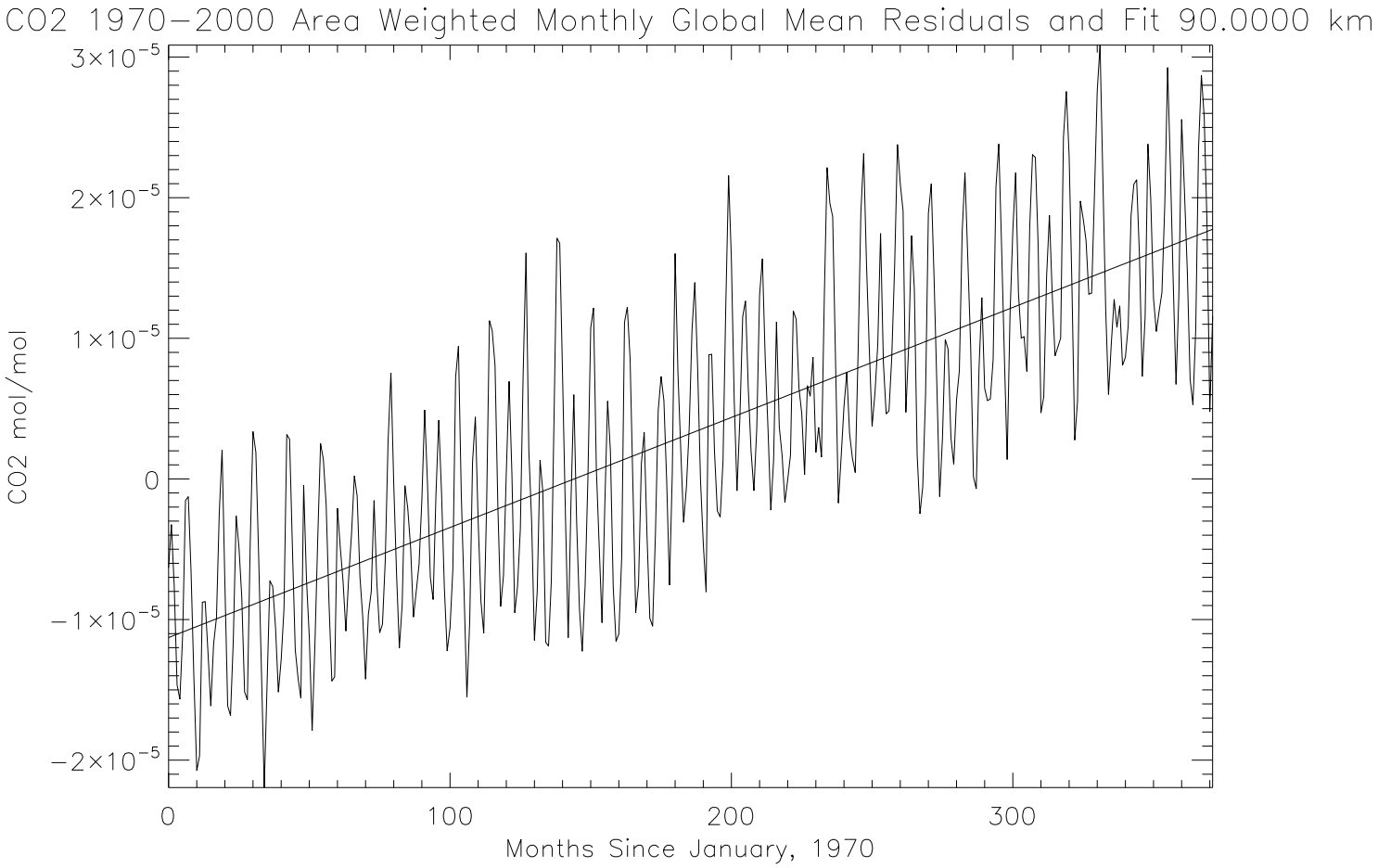

CO2 1955–2005 Area Weighted Monthly Global Mean Residuals and Fit 95.0000 km
3×10⁻⁵
2×10⁻⁵
1×10⁻⁵
0
−1×10⁻⁵
−2×10⁻⁵
CO2 mol/mol
0
100
200
300
400
500
600
Months Since January, 1955

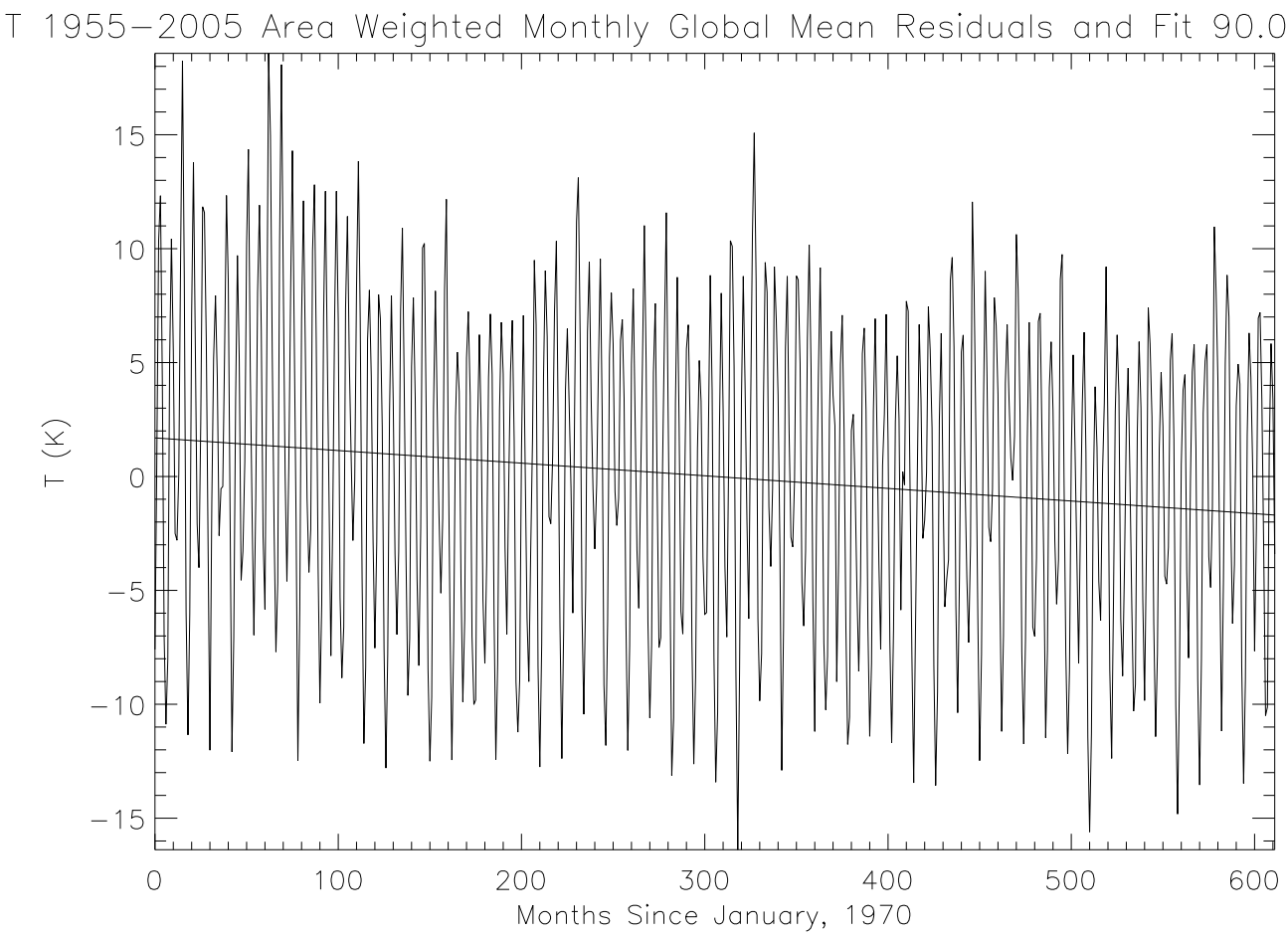

CO2 1970−2000 Area Weighted Monthly Global Mean Residuals and Fit 95.0000 km
3×10−5
2×10−5
1×10−5
0
−1×10−5
−2×10−5
CO2 mol/mol
0
100
200
300
Months Since January, 1970

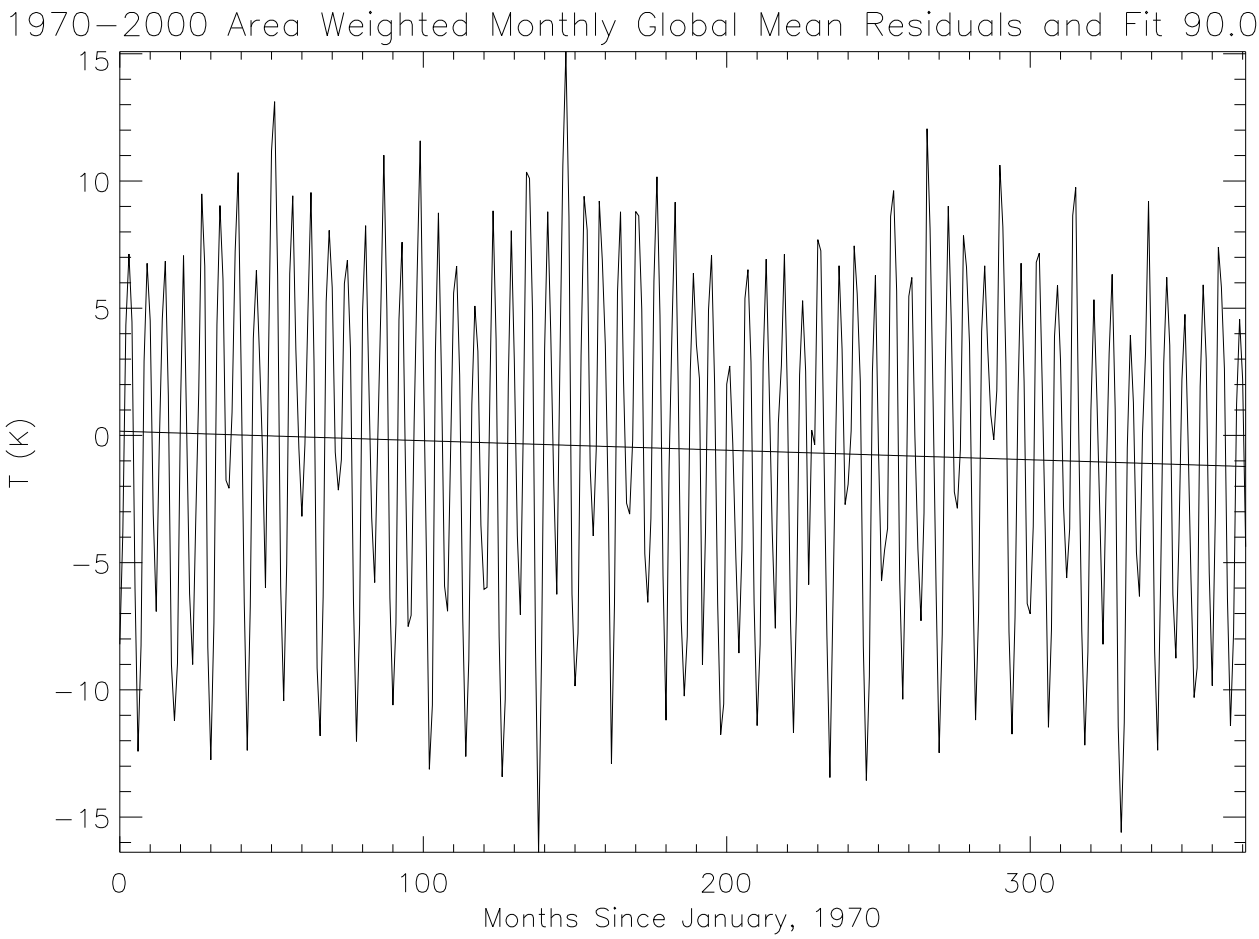

T 1955–2005 Area Weighted Monthly Global Mean Residuals and Fit 95.0000 km
T (K)
15
10
5
0
−5
−10
0
100
200
300
400
500
600
Months Since January, 1970

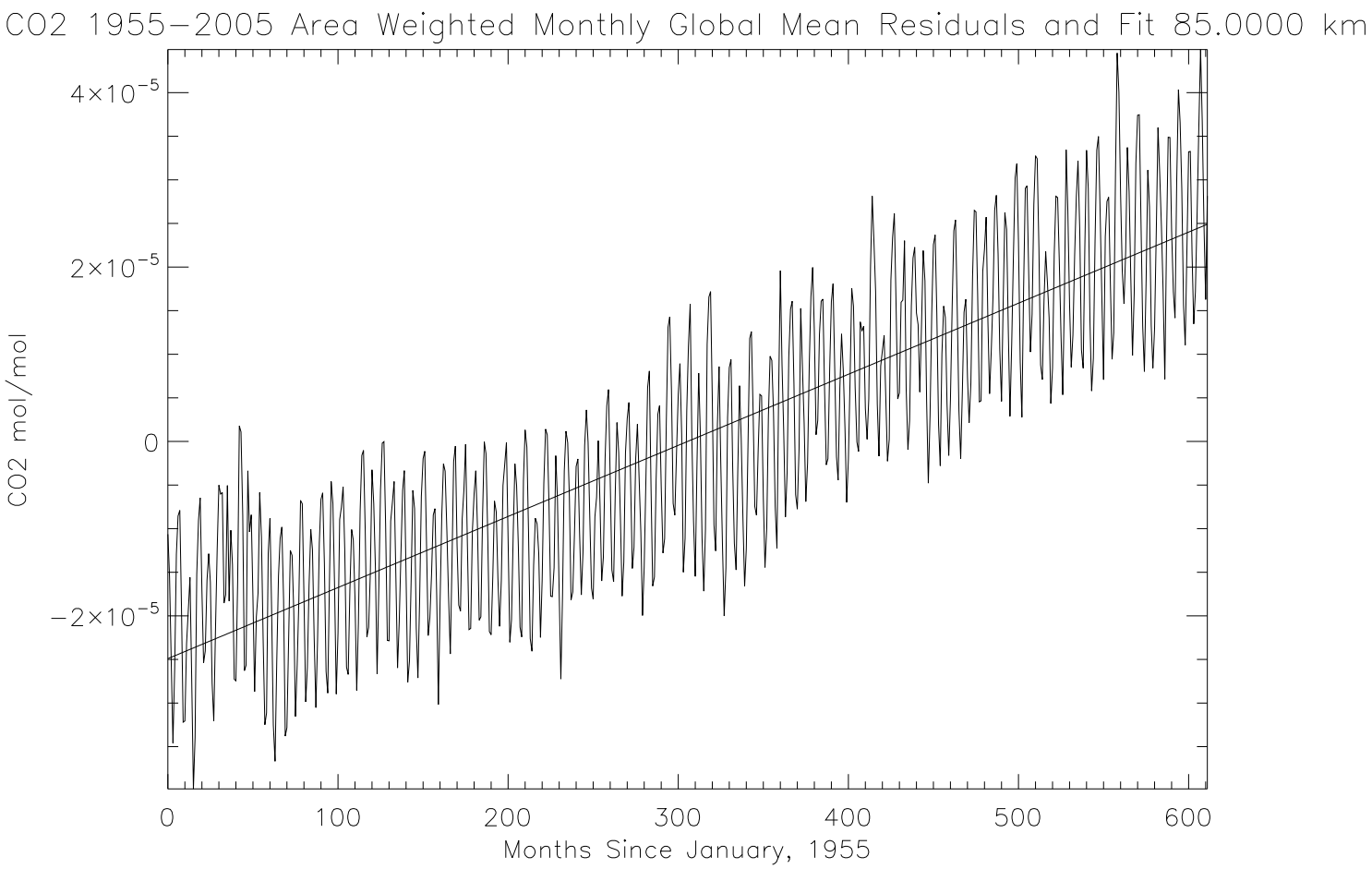

T 1970−2000 Area Weighted Monthly Global Mean Residuals and Fit 95.0000 km
10
5
0
−5
−10
T (K)
0
100
200
300
Months Since January, 1970

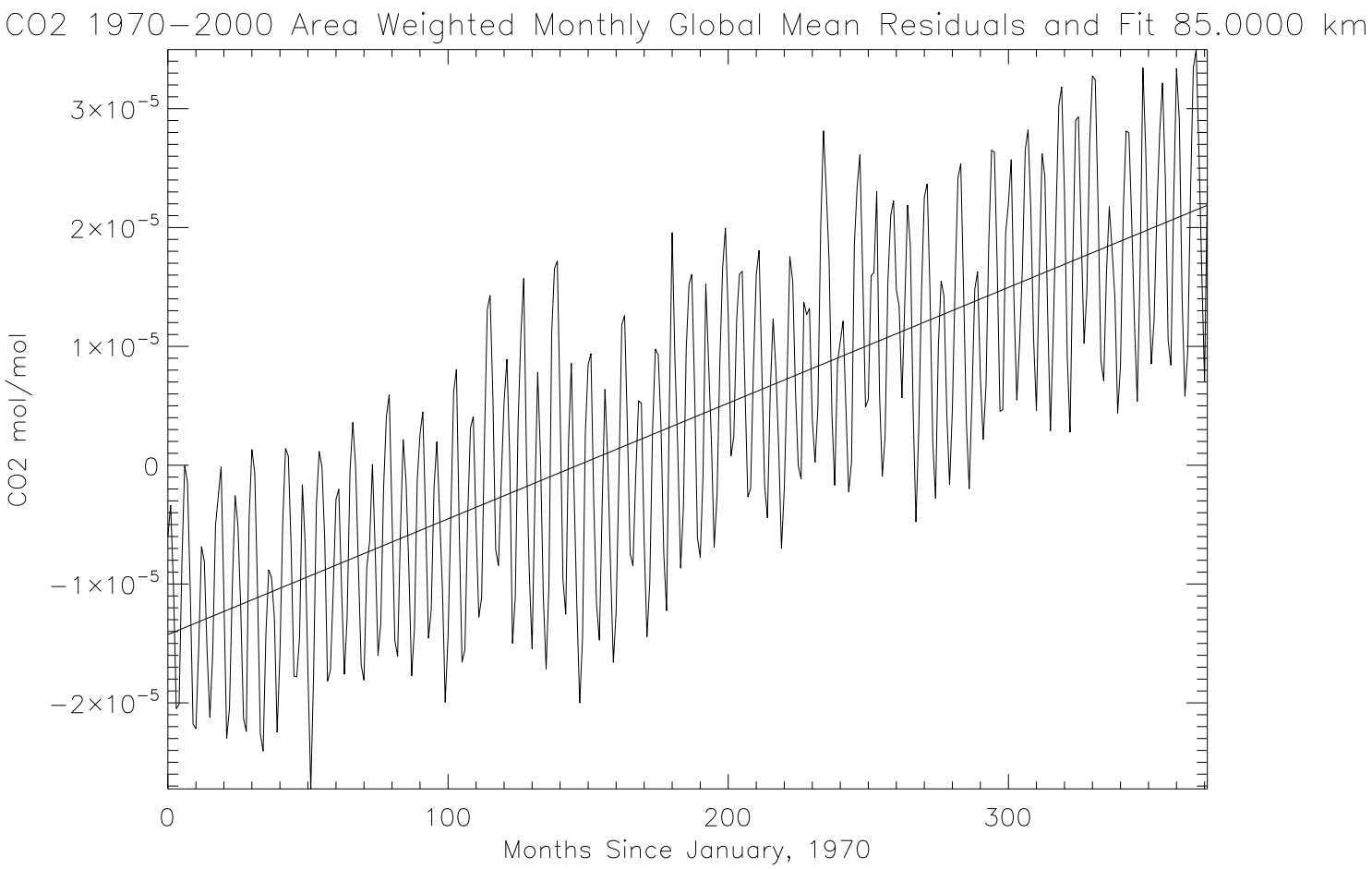

CO2 1955–2005 Area Weighted Monthly Global Mean Residuals and Fit 90.0000 km
3×10⁻⁵
2×10⁻⁵
1×10⁻⁵
0
−1×10⁻⁵
−2×10⁻⁵
−3×10⁻⁵
CO2 mol/mol
0
100
200
300
400
500
600
Months Since January, 1955

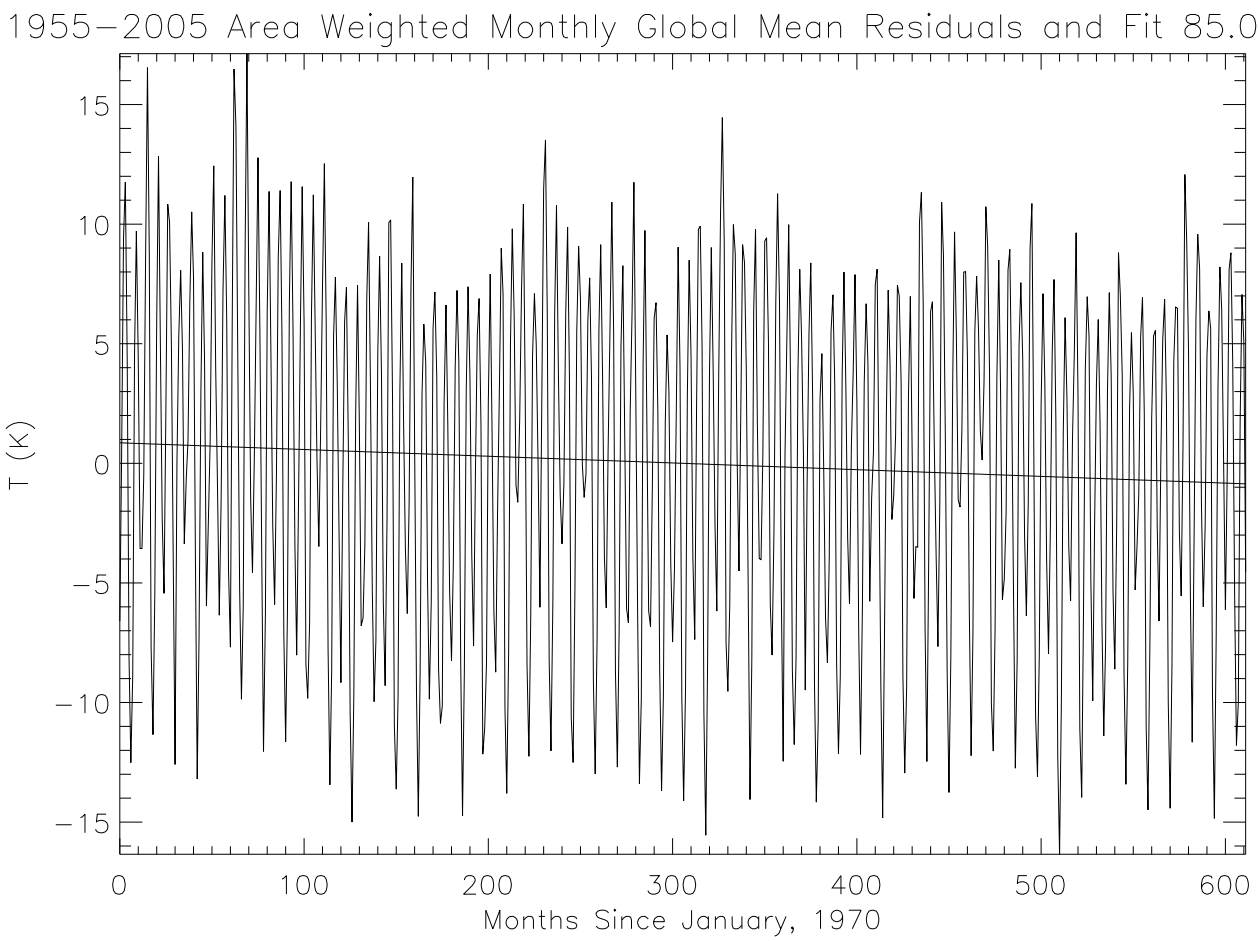

CO2 1970–2000 Area Weighted Monthly Global Mean Residuals and Fit 90.0000 km
3×10⁻⁵
2×10⁻⁵
1×10⁻⁵
0
−1×10⁻⁵
−2×10⁻⁵
CO2 mol/mol
0
100
200
300
Months Since January, 1970

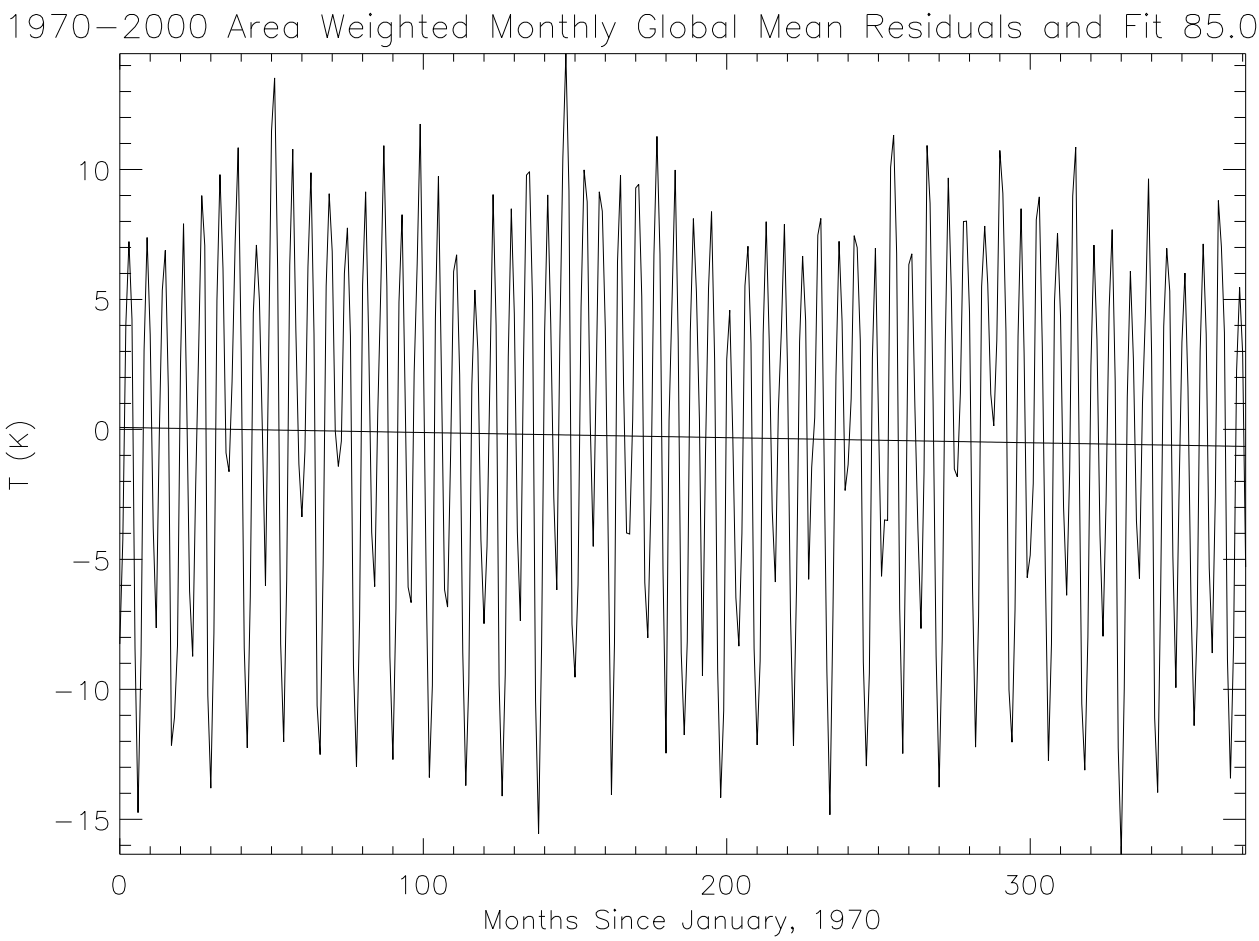

T 1955–2005 Area Weighted Monthly Global Mean Residuals and Fit 90.0000 km
T (K)
15
10
5
0
−5
−10
−15
0
100
200
300
400
500
600
Months Since January, 1970

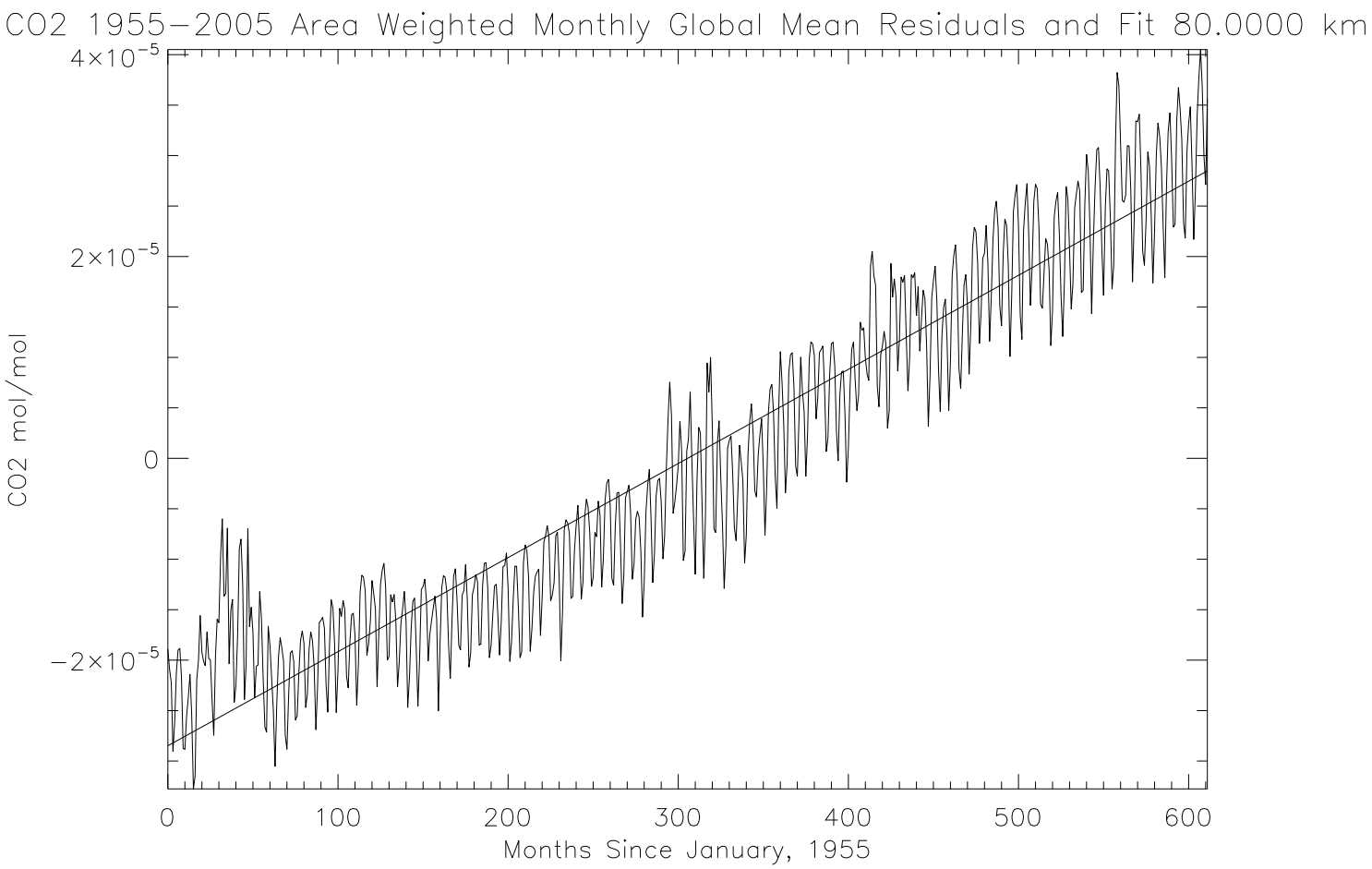

T 1970−2000 Area Weighted Monthly Global Mean Residuals and Fit 90.0000 km
T (K)
15
10
5
0
−5
−10
−15
0
100
200
300
Months Since January, 1970

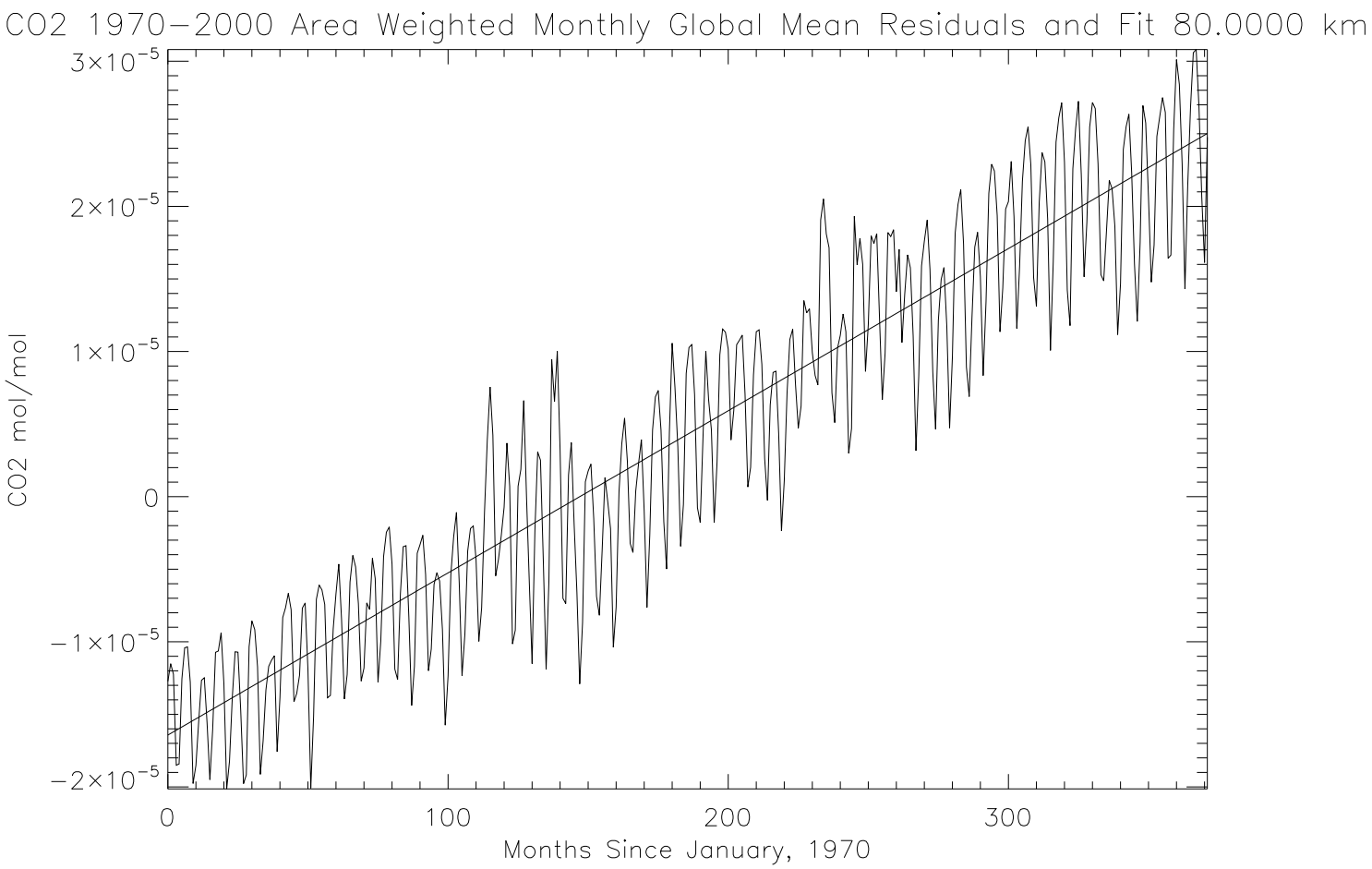

CO2 1955−2005 Area Weighted Monthly Global Mean Residuals and Fit 85.0000 km
4×10−5
2×10−5
0
−2×10−5
CO2 mol/mol
0
100
200
300
400
500
600
Months Since January, 1955

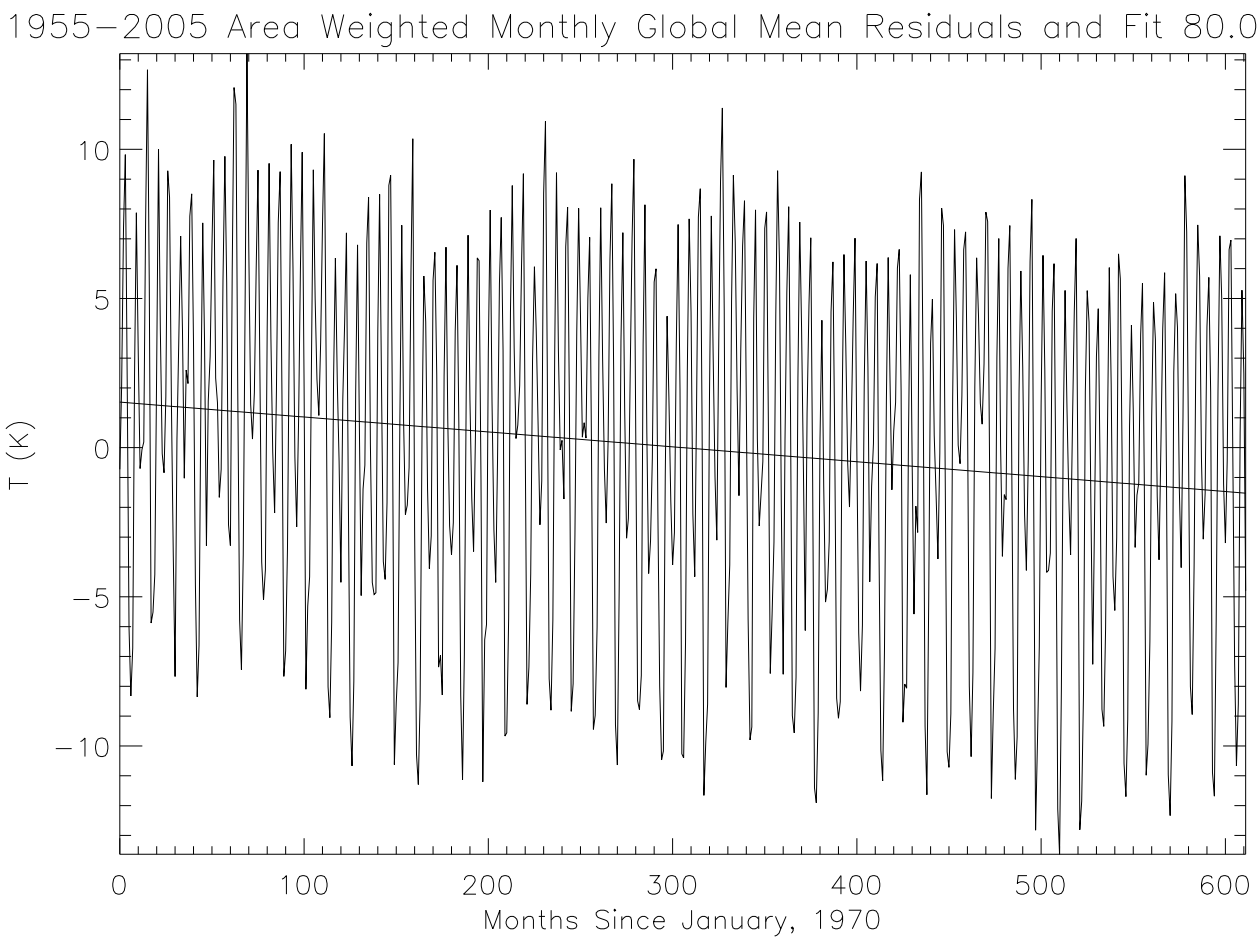

CO2 1970–2000 Area Weighted Monthly Global Mean Residuals and Fit 85.0000 km
3×10⁻⁵
2×10⁻⁵
1×10⁻⁵
0
−1×10⁻⁵
−2×10⁻⁵
CO2 mol/mol
0
100
200
300
Months Since January, 1970

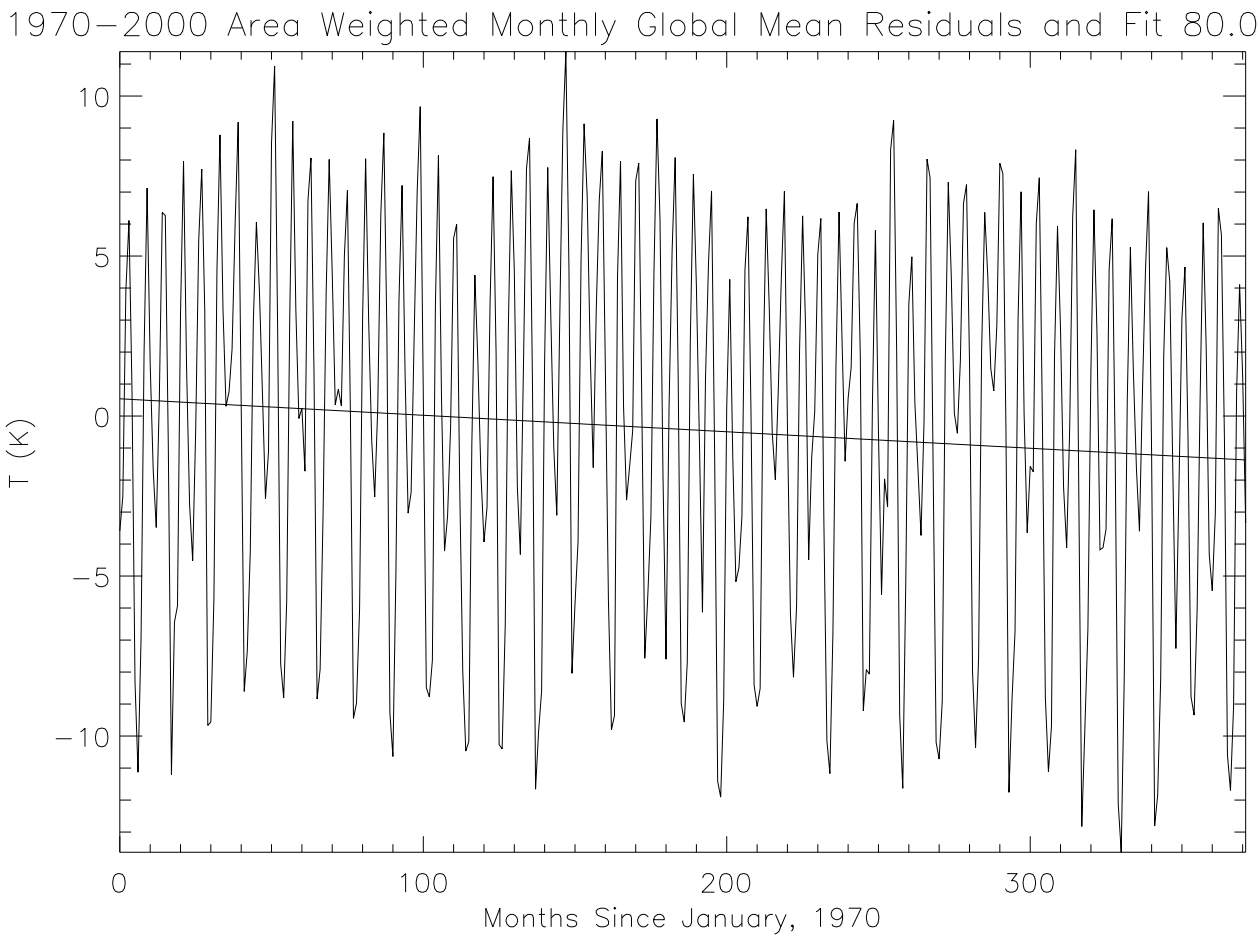

T 1955–2005 Area Weighted Monthly Global Mean Residuals and Fit 85.0000 km
T (K)
15
10
5
0
−5
−10
−15
0
100
200
300
400
500
600
Months Since January, 1970

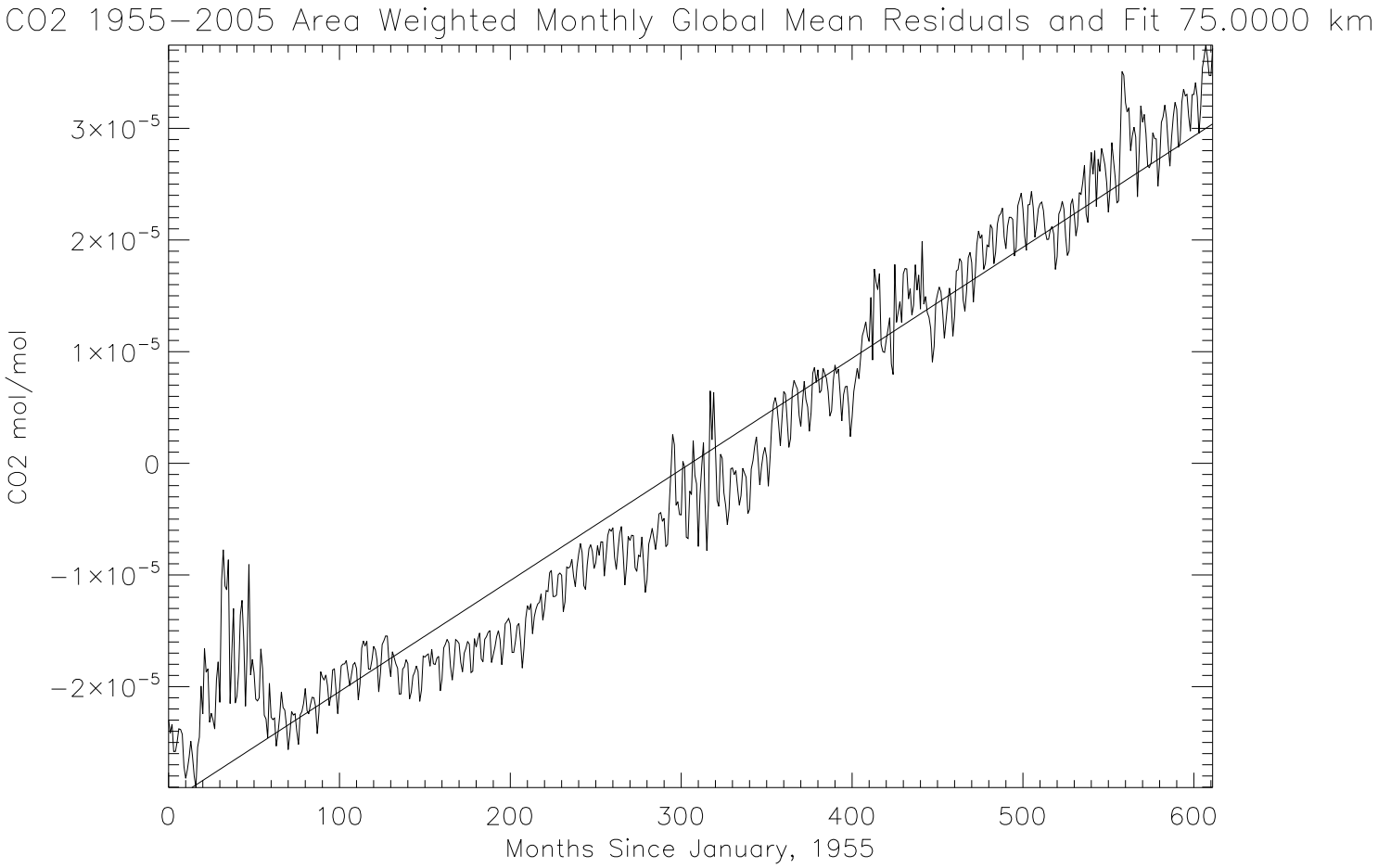

T 1970−2000 Area Weighted Monthly Global Mean Residuals and Fit 85.0000 km
10
5
0
−5
−10
−15
T (K)
0
100
200
300
Months Since January, 1970

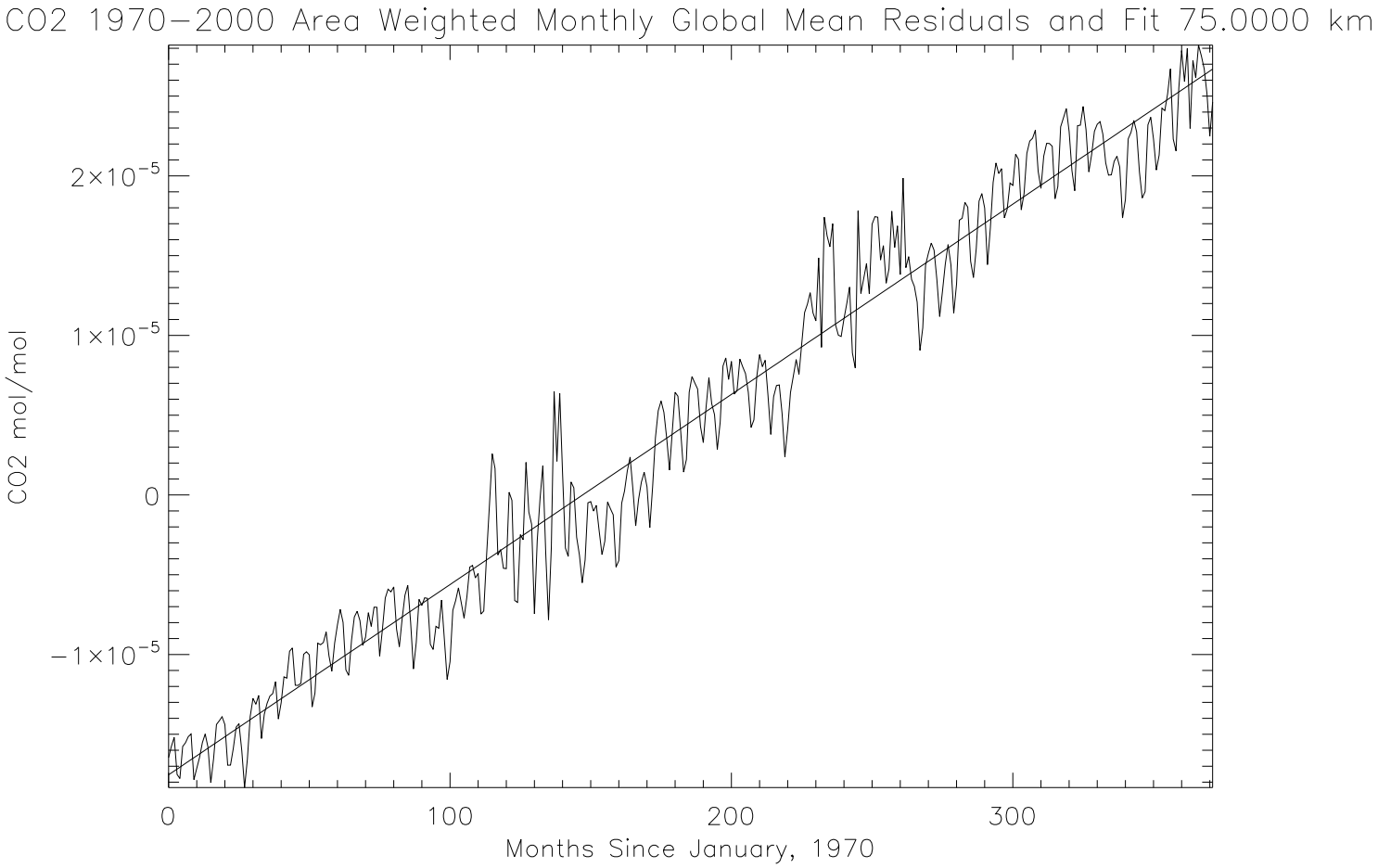

CO2 1955−2005 Area Weighted Monthly Global Mean Residuals and Fit 80.0000 km
4×10−5
2×10−5
0
−2×10−5
CO2 mol/mol
0
100
200
300
400
500
600
Months Since January, 1955

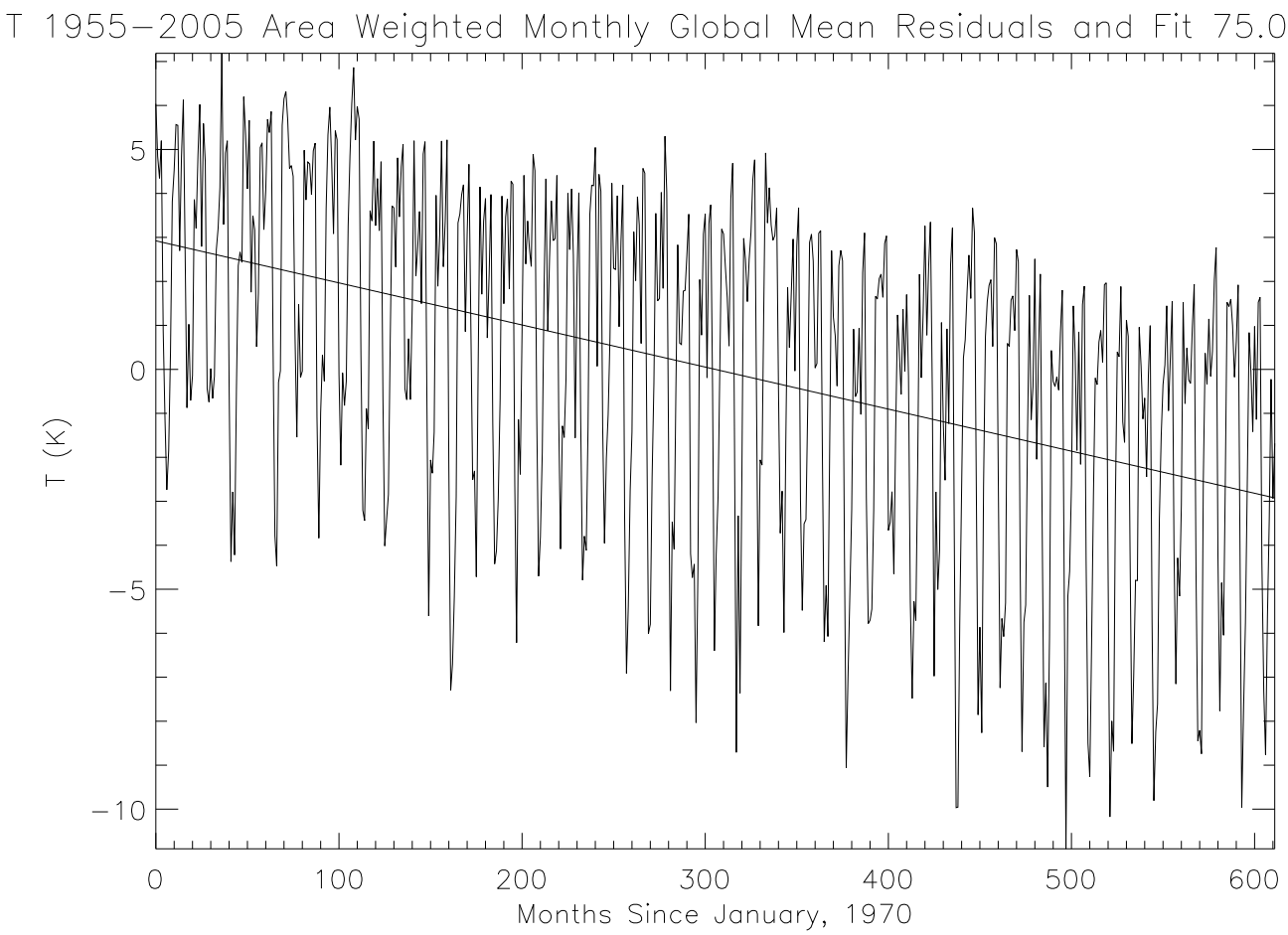

CO2 1970–2000 Area Weighted Monthly Global Mean Residuals and Fit 80.0000 km
3×10⁻⁵
2×10⁻⁵
1×10⁻⁵
0
−1×10⁻⁵
−2×10⁻⁵
CO2 mol/mol
0
100
200
300
Months Since January, 1970

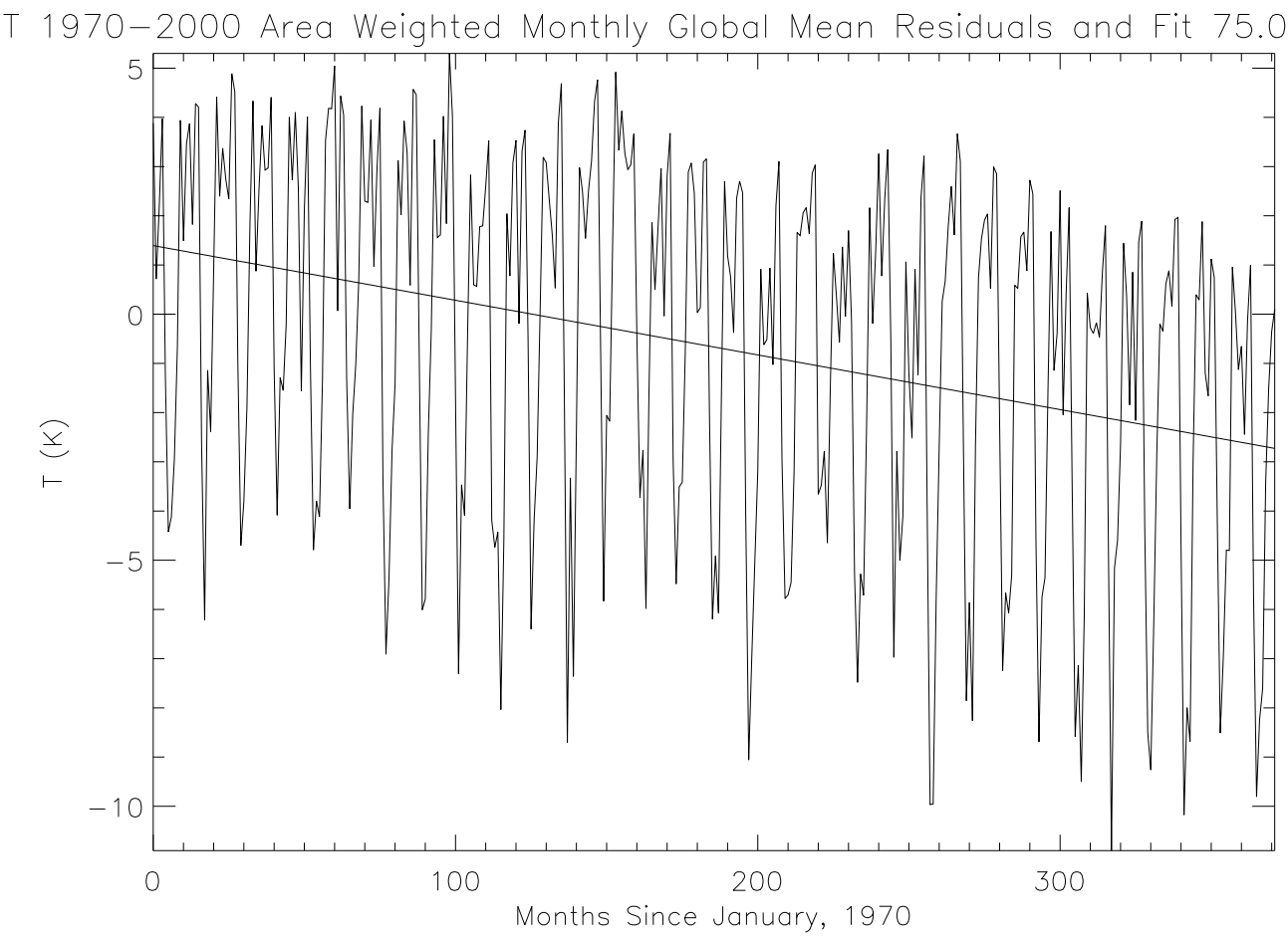

T 1955–2005 Area Weighted Monthly Global Mean Residuals and Fit 80.0000 km
T (K)
10
5
0
−5
−10
0
100
200
300
400
500
600
Months Since January, 1970

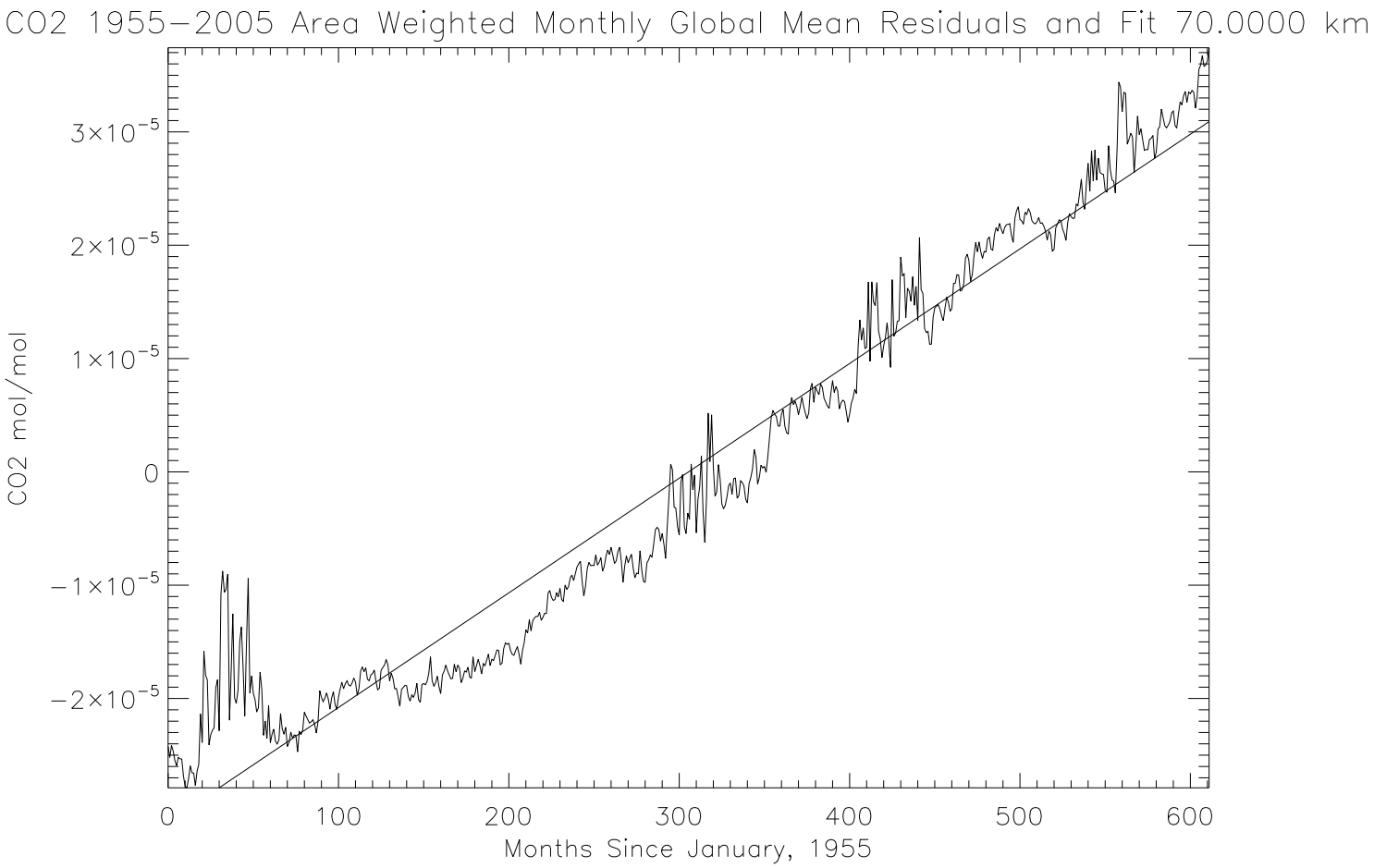

T 1970−2000 Area Weighted Monthly Global Mean Residuals and Fit 80.0000 km
10
5
0
−5
−10
T (K)
0
100
200
300
Months Since January, 1970

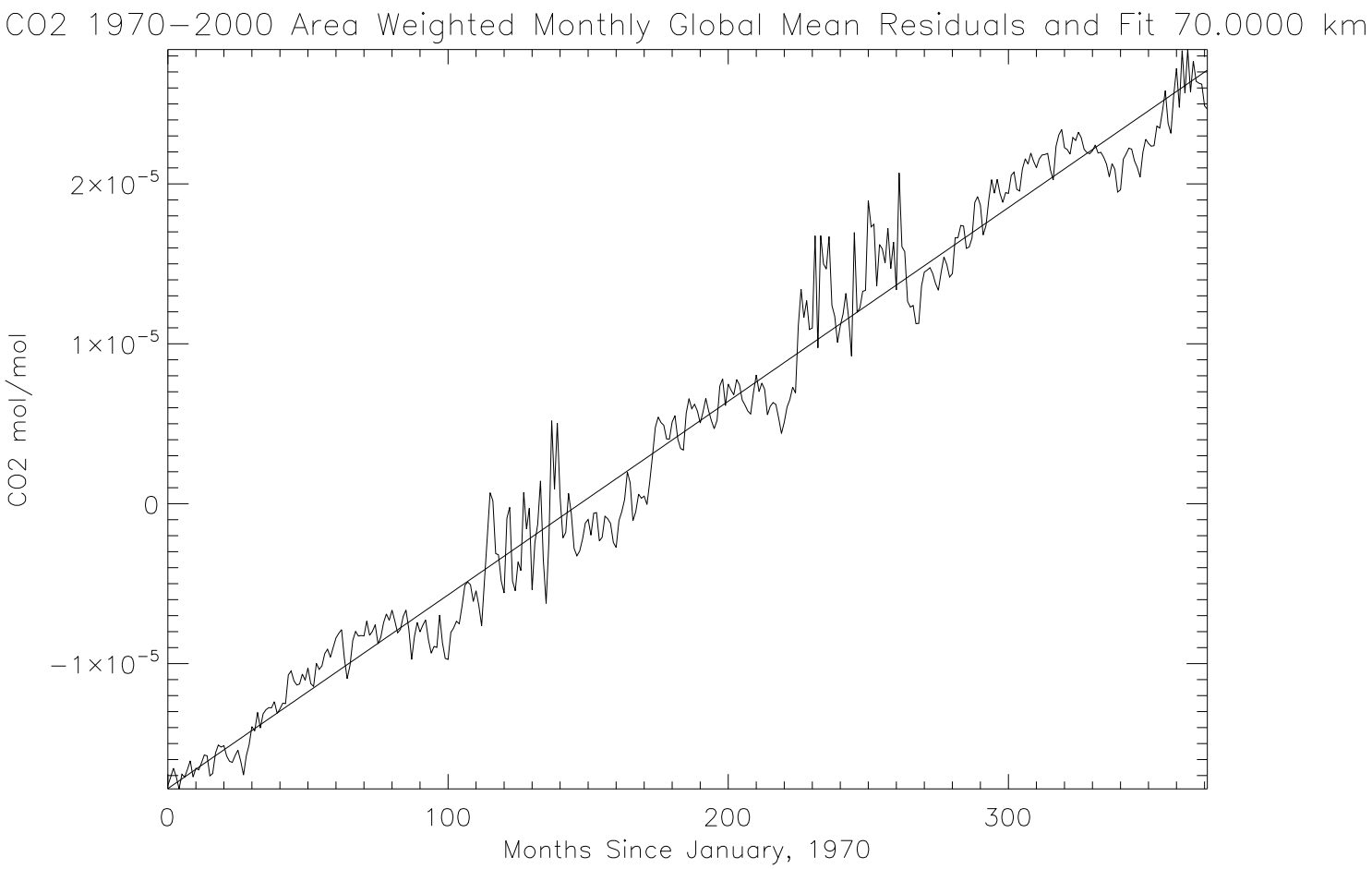

CO2 1955–2005 Area Weighted Monthly Global Mean Residuals and Fit 75.0000 km
3×10⁻⁵
2×10⁻⁵
1×10⁻⁵
0
−1×10⁻⁵
−2×10⁻⁵
CO2 mol/mol
0
100
200
300
400
500
600
Months Since January, 1955

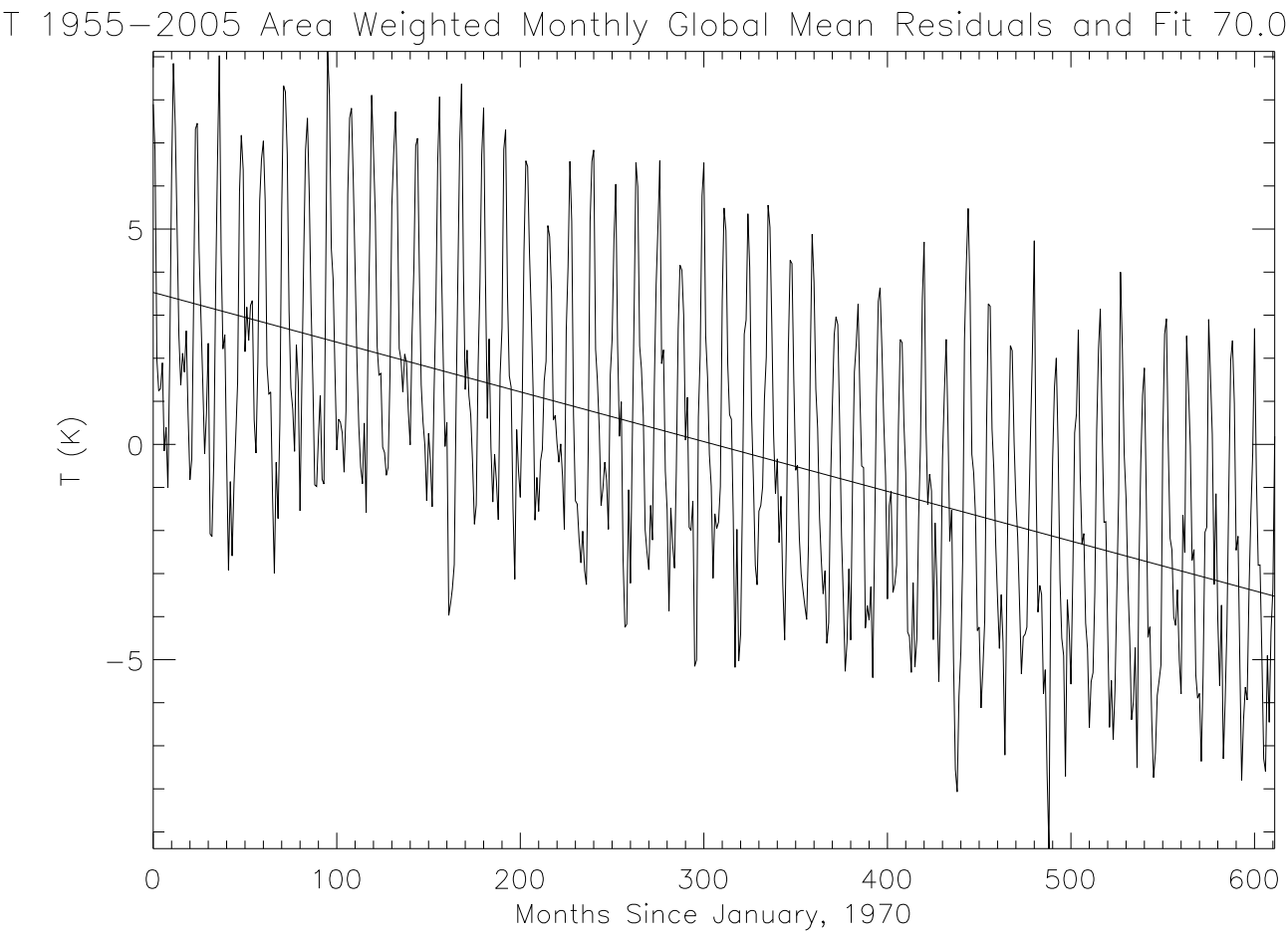

CO2 1970−2000 Area Weighted Monthly Global Mean Residuals and Fit 75.0000 km
2×10⁻⁵
1×10⁻⁵
0
−1×10⁻⁵
CO2 mol/mol
0
100
200
300
Months Since January, 1970

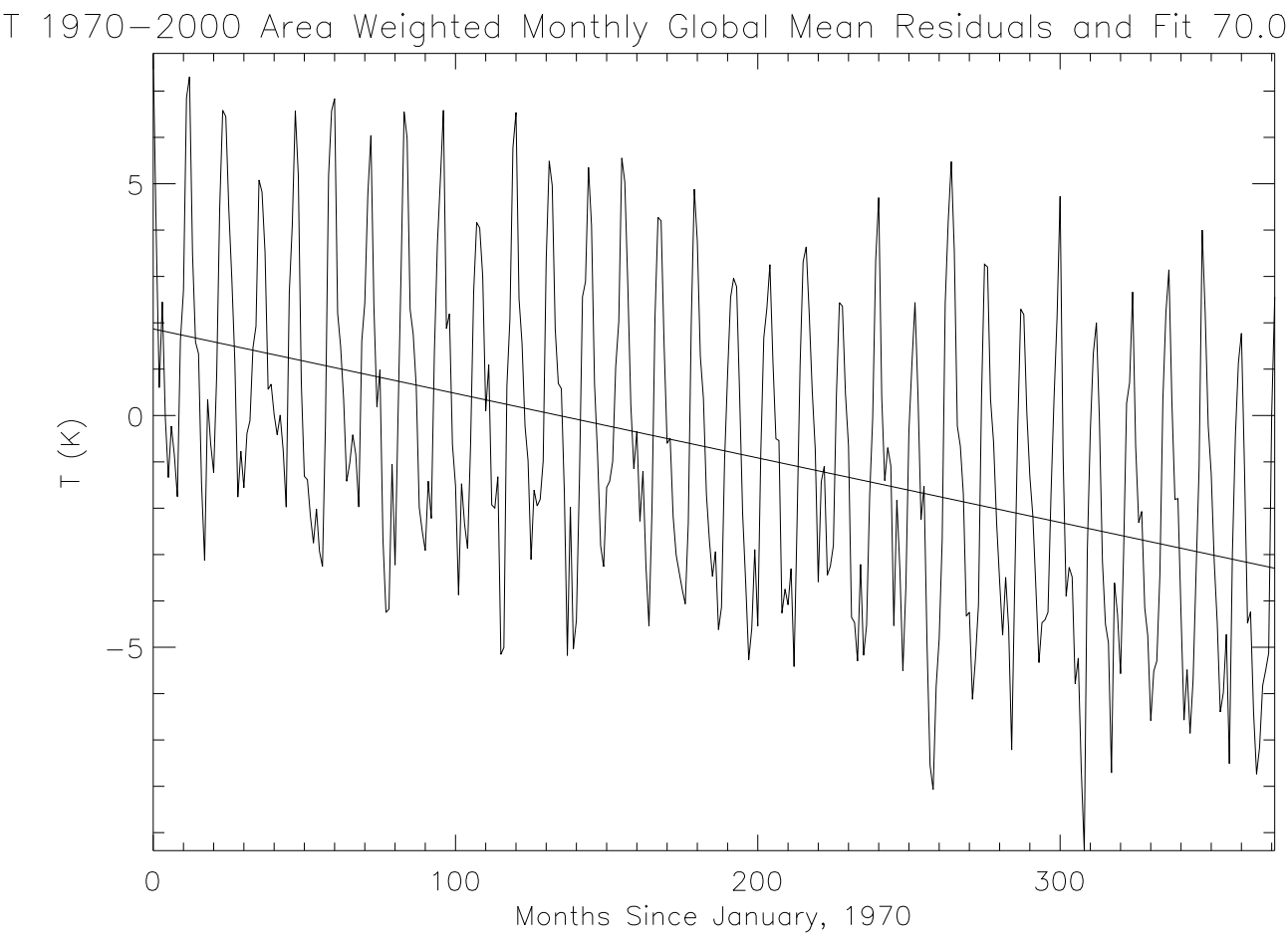

T 1955–2005 Area Weighted Monthly Global Mean Residuals and Fit 75.0000 km
5
0
−5
−10
T (K)
0
100
200
300
400
500
600
Months Since January, 1970

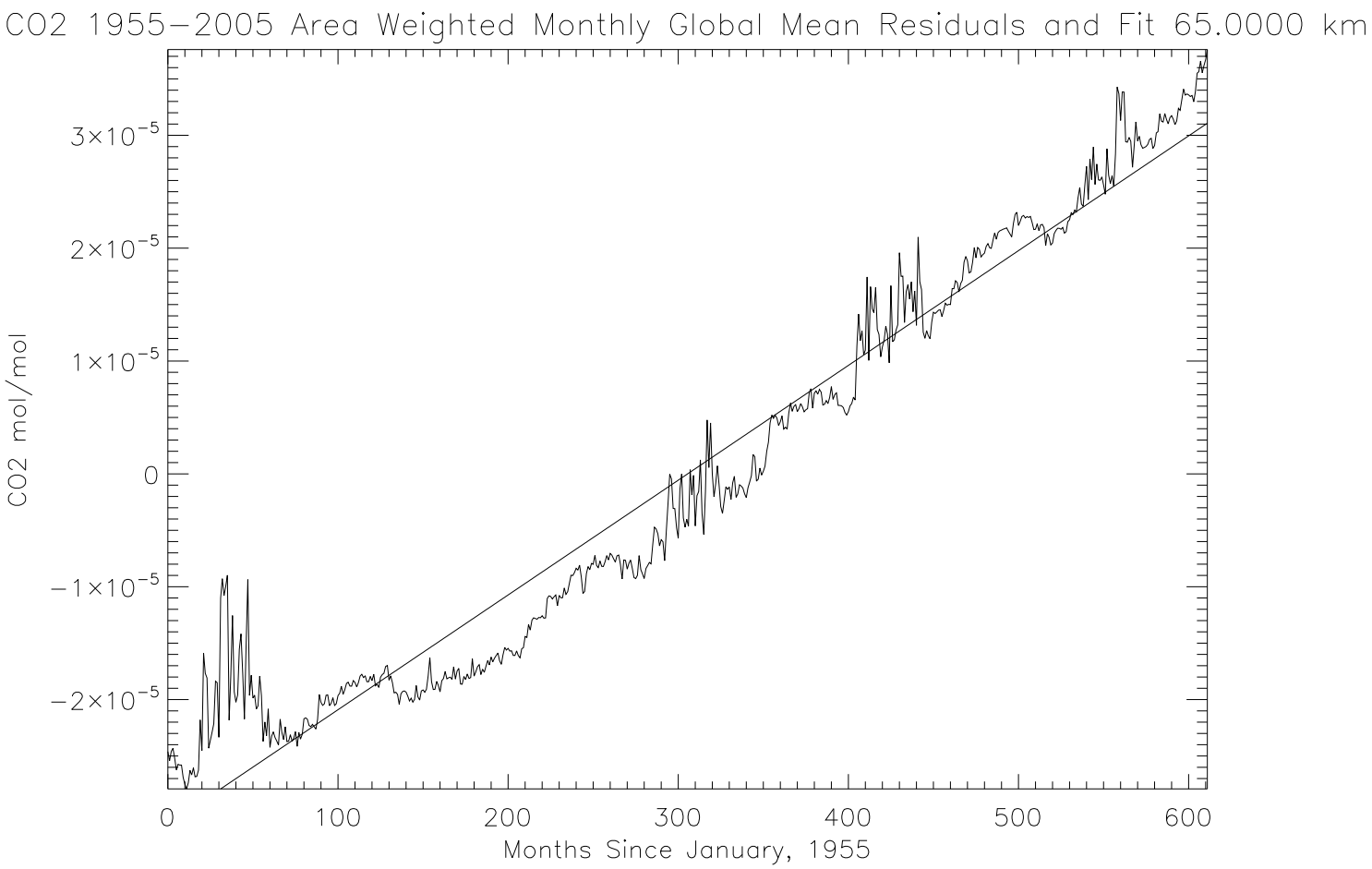

T 1970−2000 Area Weighted Monthly Global Mean Residuals and Fit 75.0000 km
5
0
−5
−10
T (K)
0
100
200
300
Months Since January, 1970

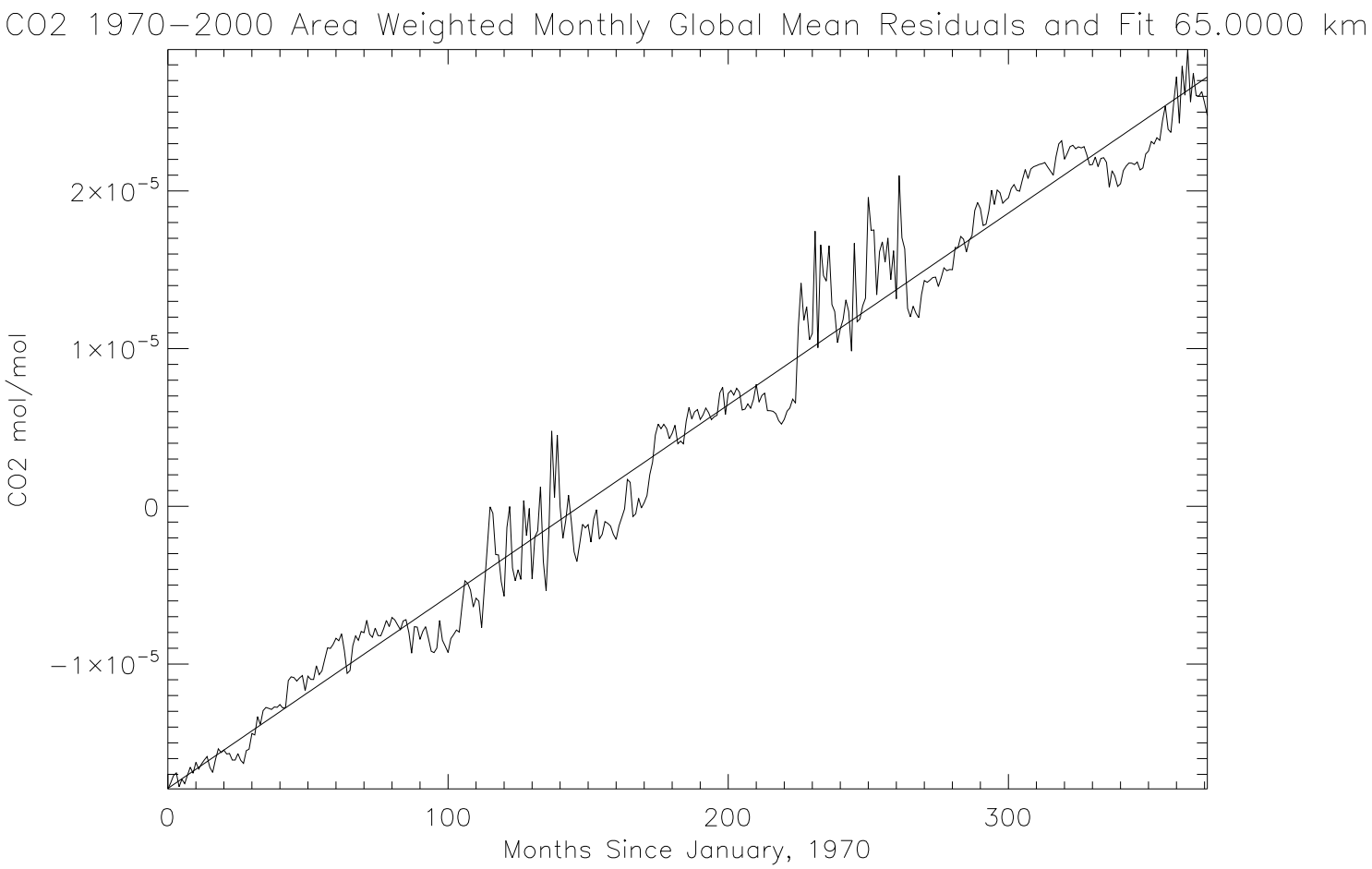

CO2 1955–2005 Area Weighted Monthly Global Mean Residuals and Fit 70.0000 km
CO2 mol/mol
3×10⁻⁵
2×10⁻⁵
1×10⁻⁵
0
−1×10⁻⁵
−2×10⁻⁵
0
100
200
300
400
500
600
Months Since January, 1955

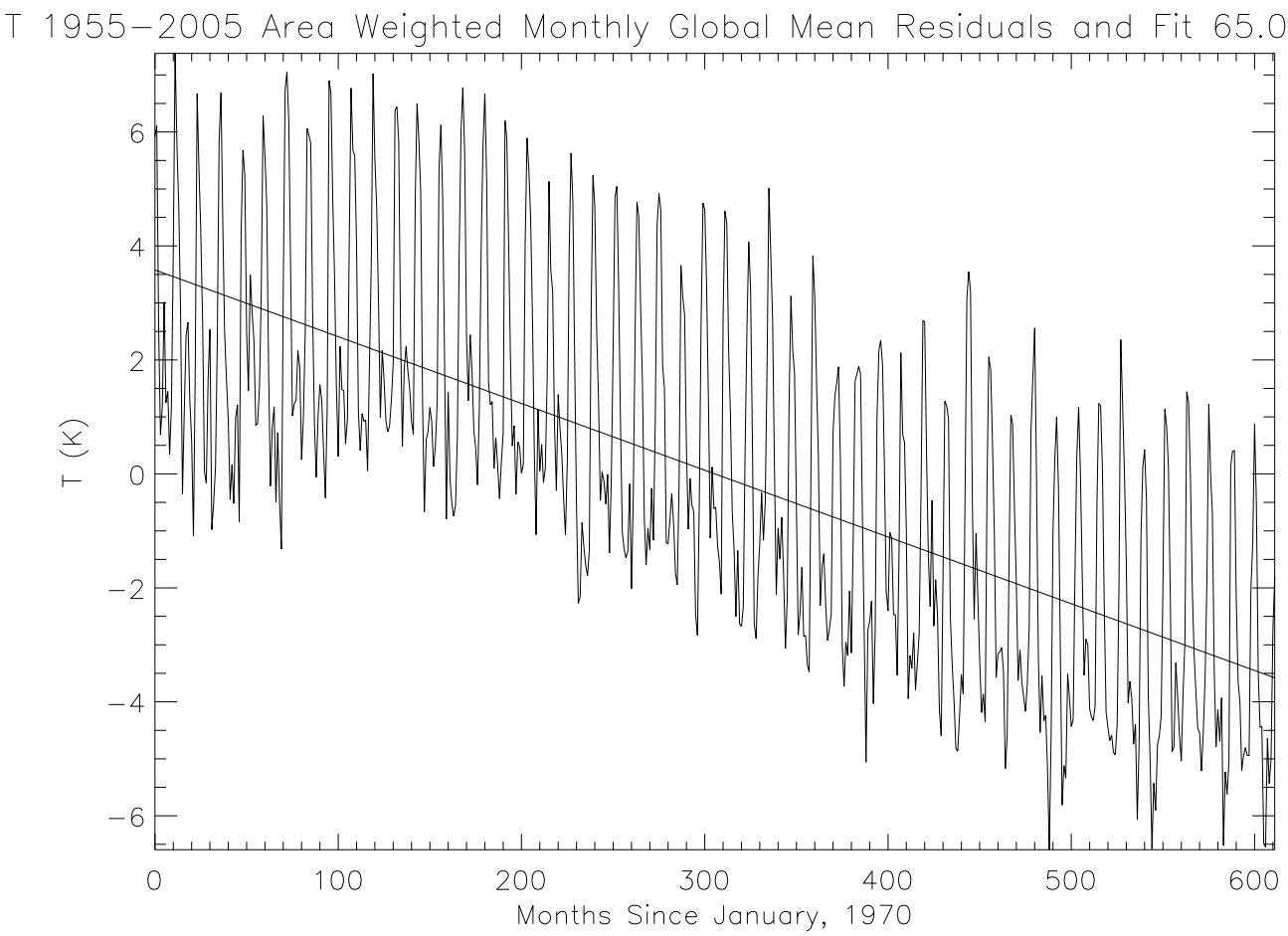

CO2 1970−2000 Area Weighted Monthly Global Mean Residuals and Fit 70.0000 km
2×10−5
1×10−5
0
−1×10−5
CO2 mol/mol
0
100
200
300
Months Since January, 1970

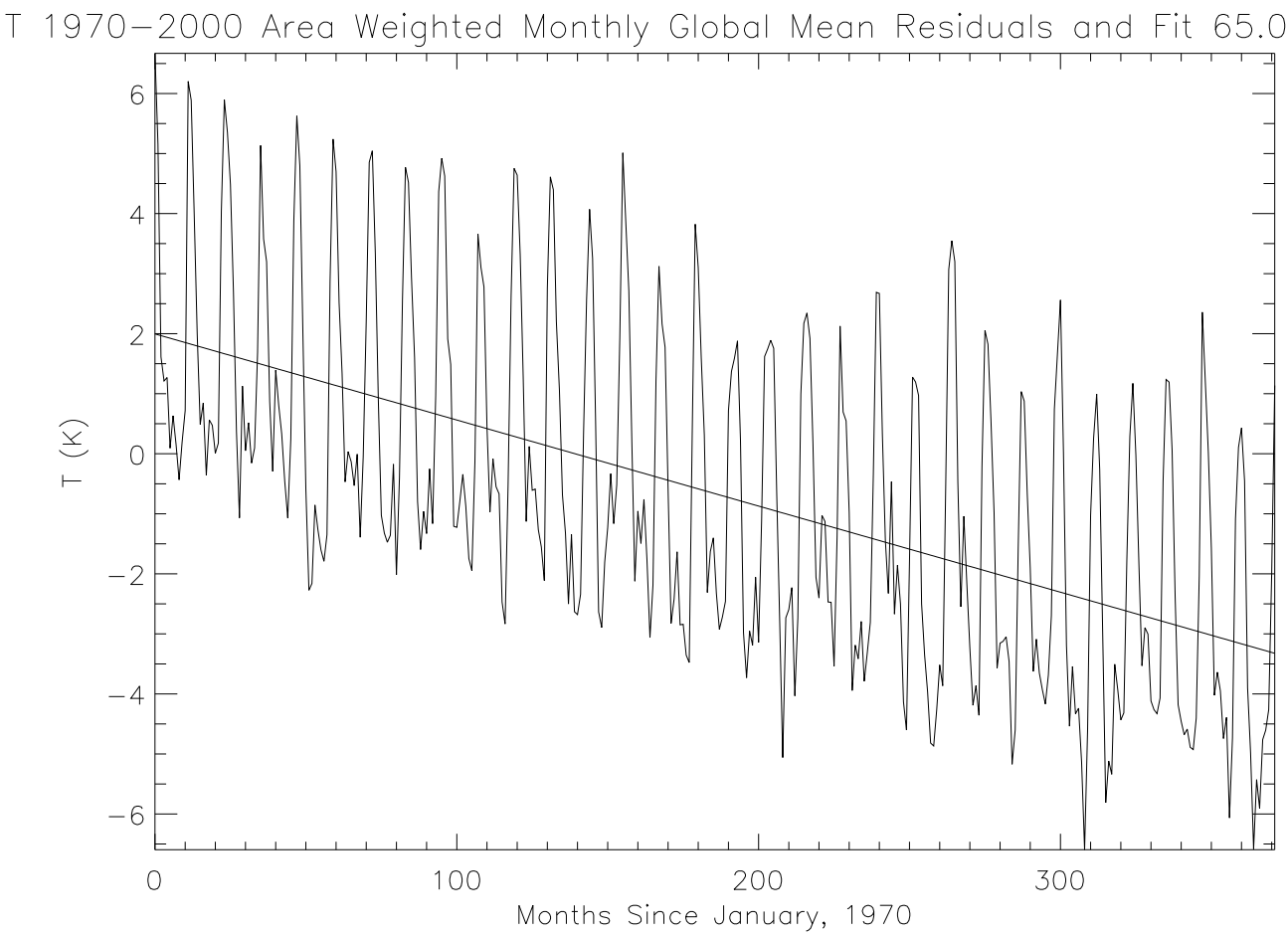

T 1955–2005 Area Weighted Monthly Global Mean Residuals and Fit 70.0000 km
T (K)
5
0
−5
0
100
200
300
400
500
600
Months Since January, 1970

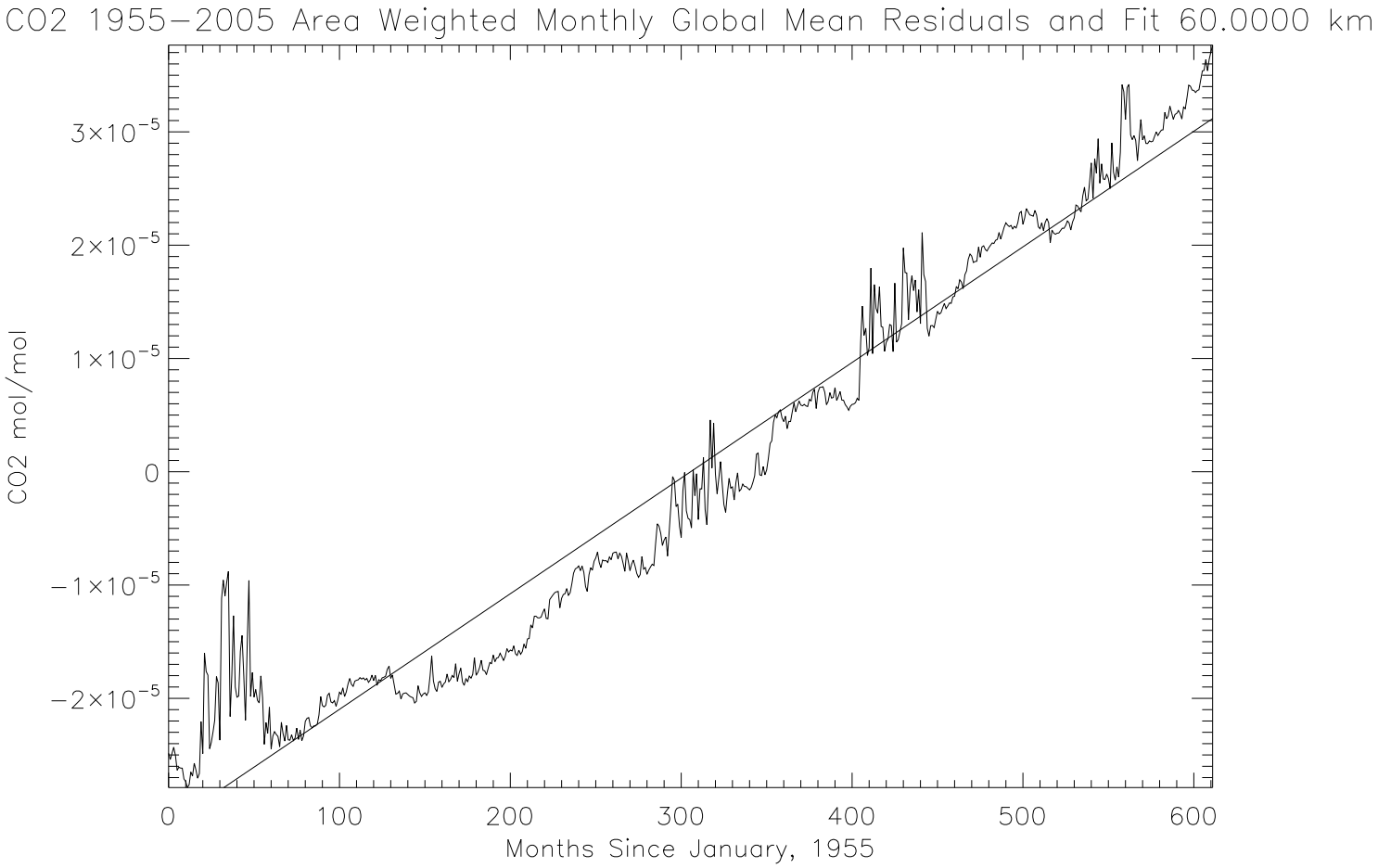

T 1970−2000 Area Weighted Monthly Global Mean Residuals and Fit 70.0000 km
5
0
−5
T (K)
0
100
200
300
Months Since January, 1970

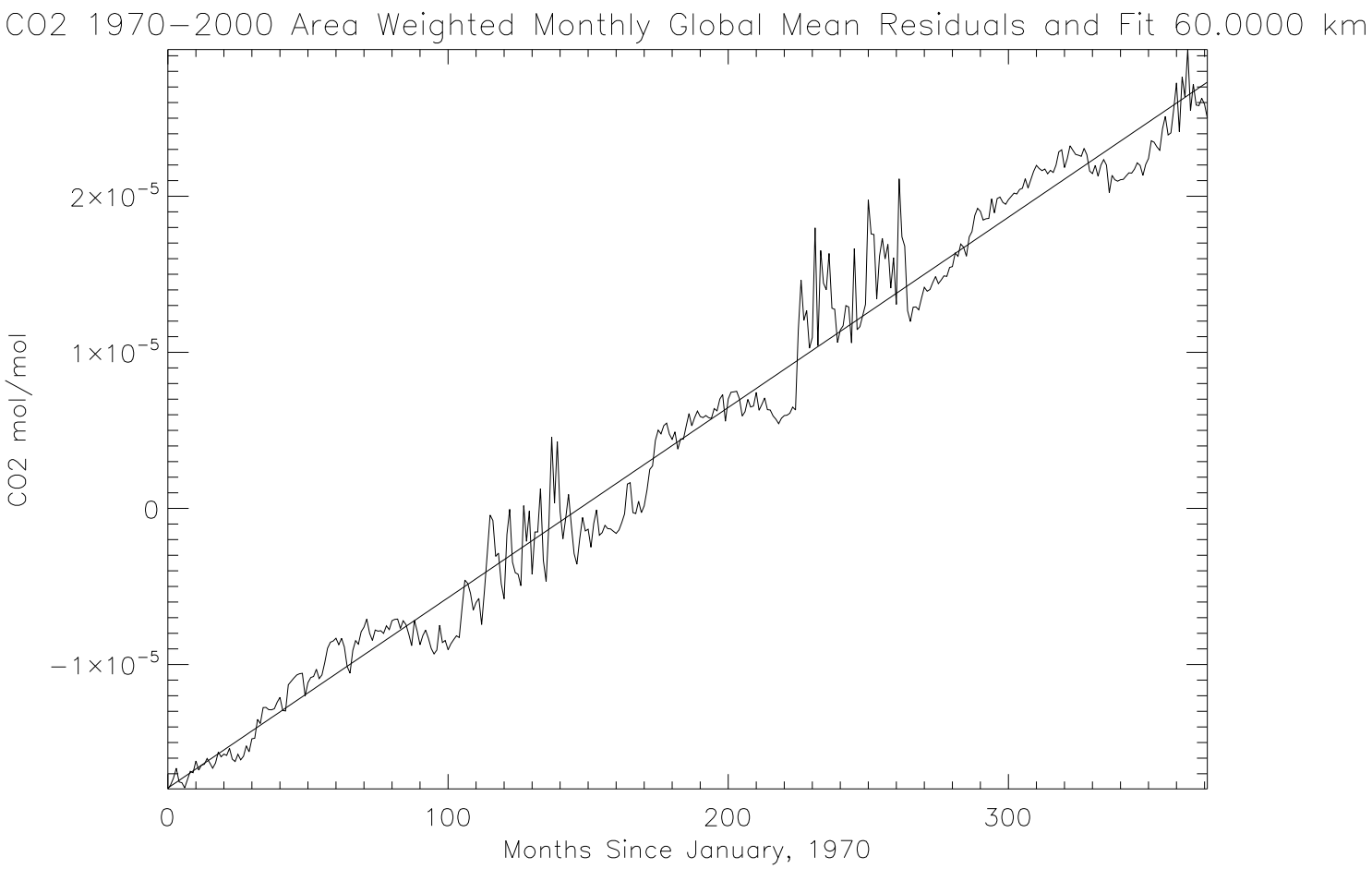

CO2 1955–2005 Area Weighted Monthly Global Mean Residuals and Fit 65.0000 km
CO2 mol/mol
3×10⁻⁵
2×10⁻⁵
1×10⁻⁵
0
−1×10⁻⁵
−2×10⁻⁵
0
100
200
300
400
500
600
Months Since January, 1955

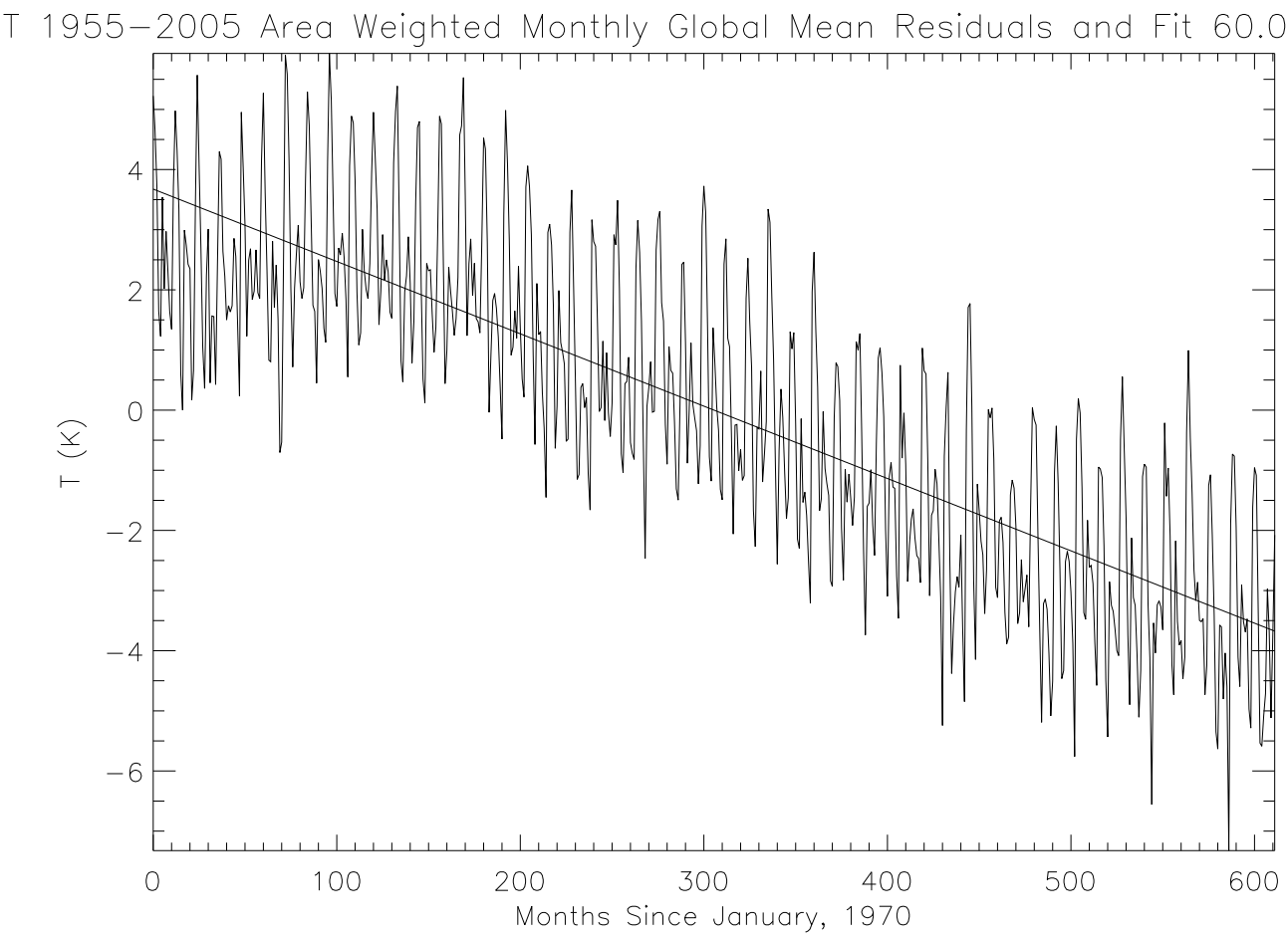

CO2 1970−2000 Area Weighted Monthly Global Mean Residuals and Fit 65.0000 km
2×10−5
1×10−5
0
−1×10−5
CO2 mol/mol
0
100
200
300
Months Since January, 1970

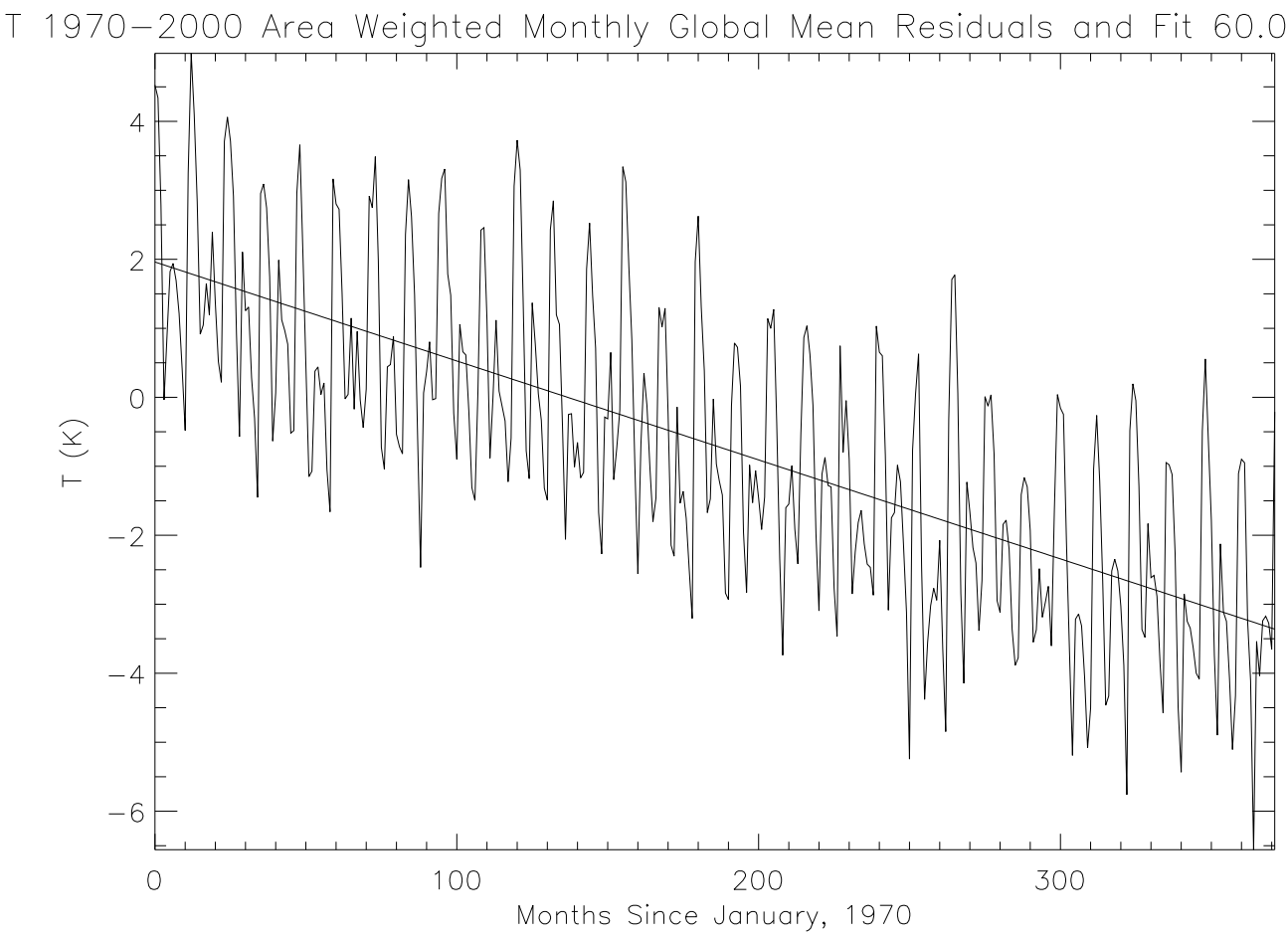

T 1955−2005 Area Weighted Monthly Global Mean Residuals and Fit 65.0000 km
T (K)
6
4
2
0
−2
−4
−6
0
100
200
300
400
500
600
Months Since January, 1970

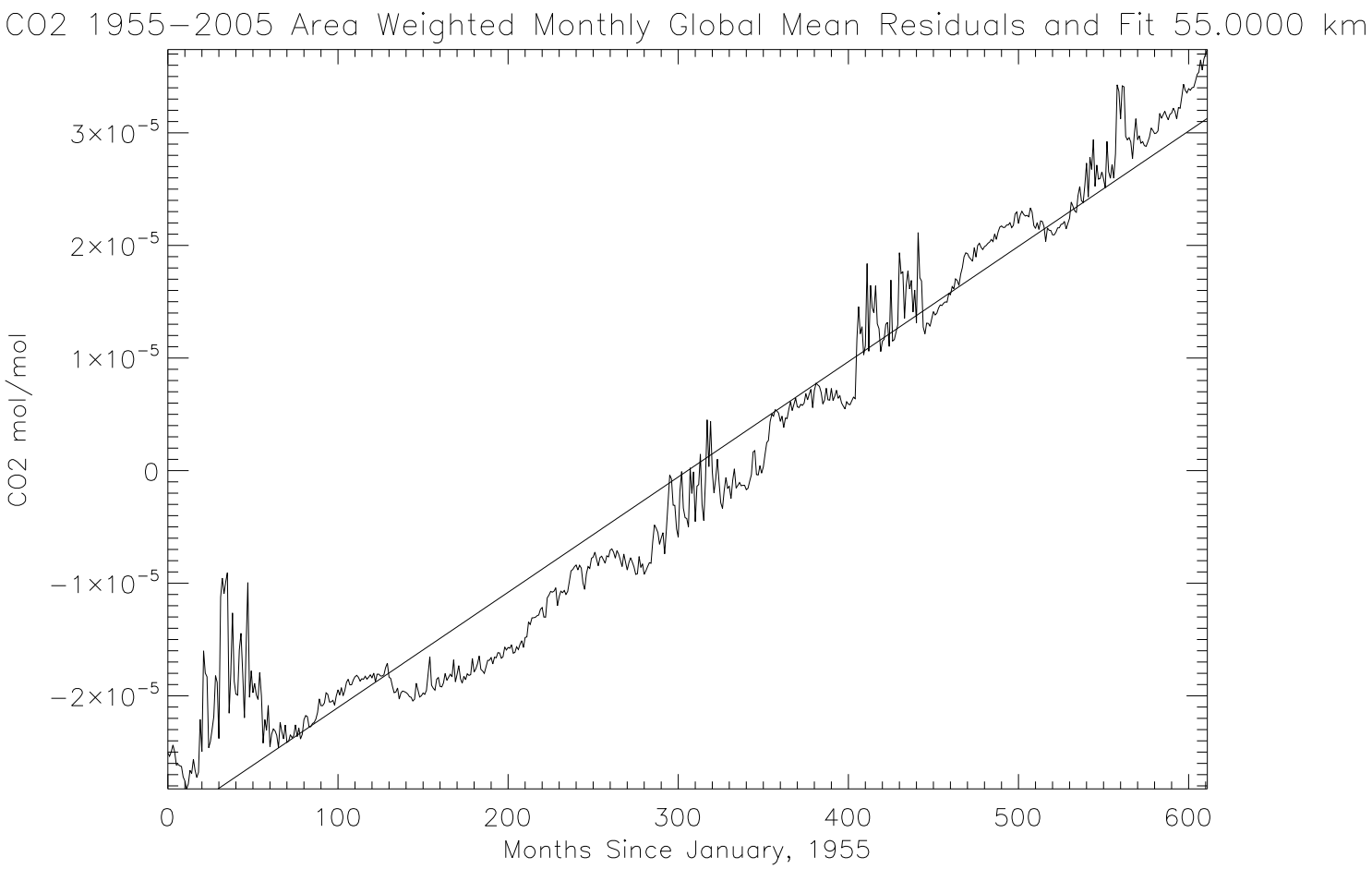

T 1970−2000 Area Weighted Monthly Global Mean Residuals and Fit 65.0000 km
T (K)
6
4
2
0
−2
−4
−6
0
100
200
300
Months Since January, 1970

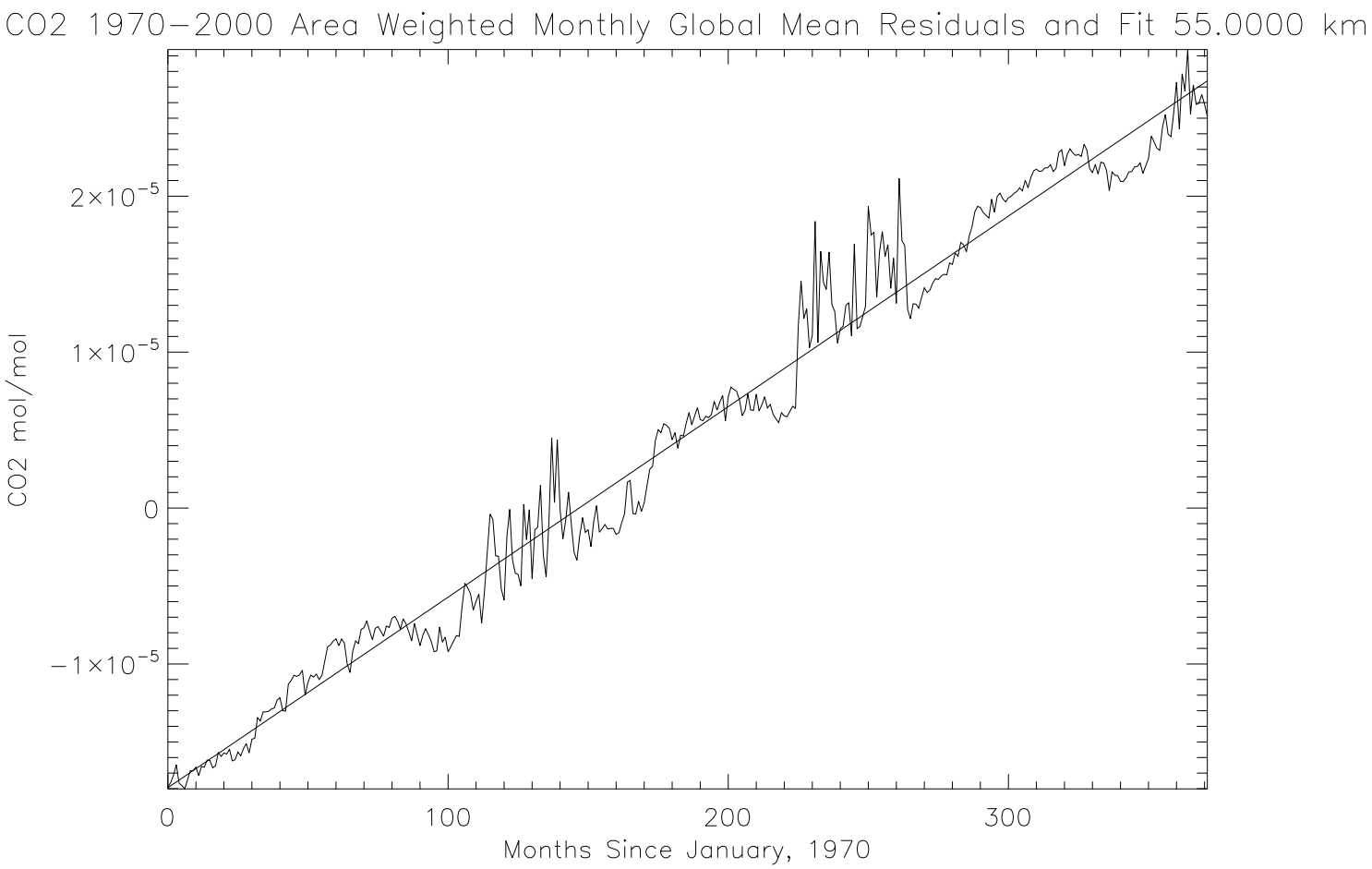

CO2 1955–2005 Area Weighted Monthly Global Mean Residuals and Fit 60.0000 km
3×10⁻⁵
2×10⁻⁵
1×10⁻⁵
0
−1×10⁻⁵
−2×10⁻⁵
CO2 mol/mol
0
100
200
300
400
500
600
Months Since January, 1955

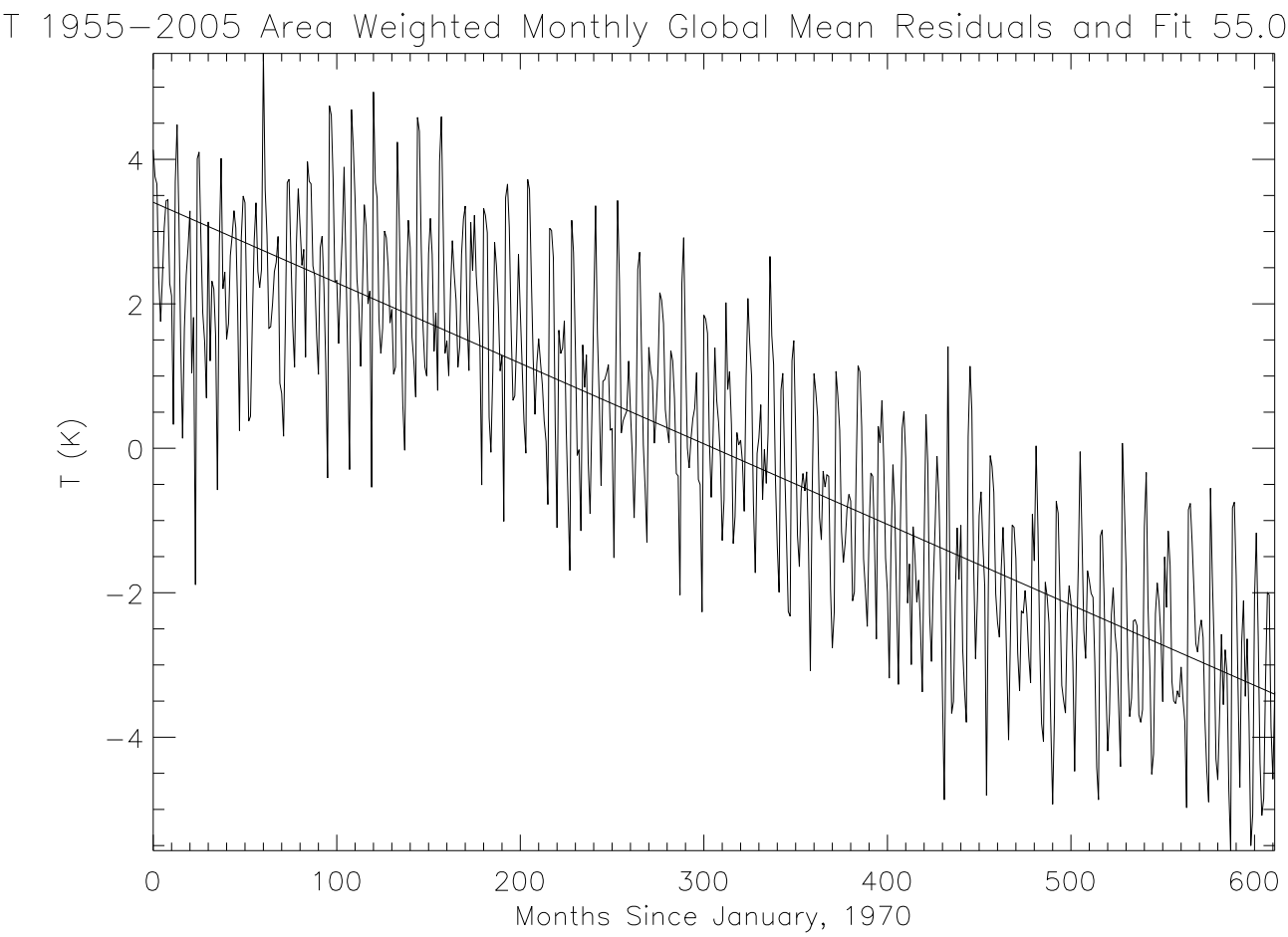

CO2 1970−2000 Area Weighted Monthly Global Mean Residuals and Fit 60.0000 km
2×10−5
1×10−5
0
−1×10−5
CO2 mol/mol
0
100
200
300
Months Since January, 1970

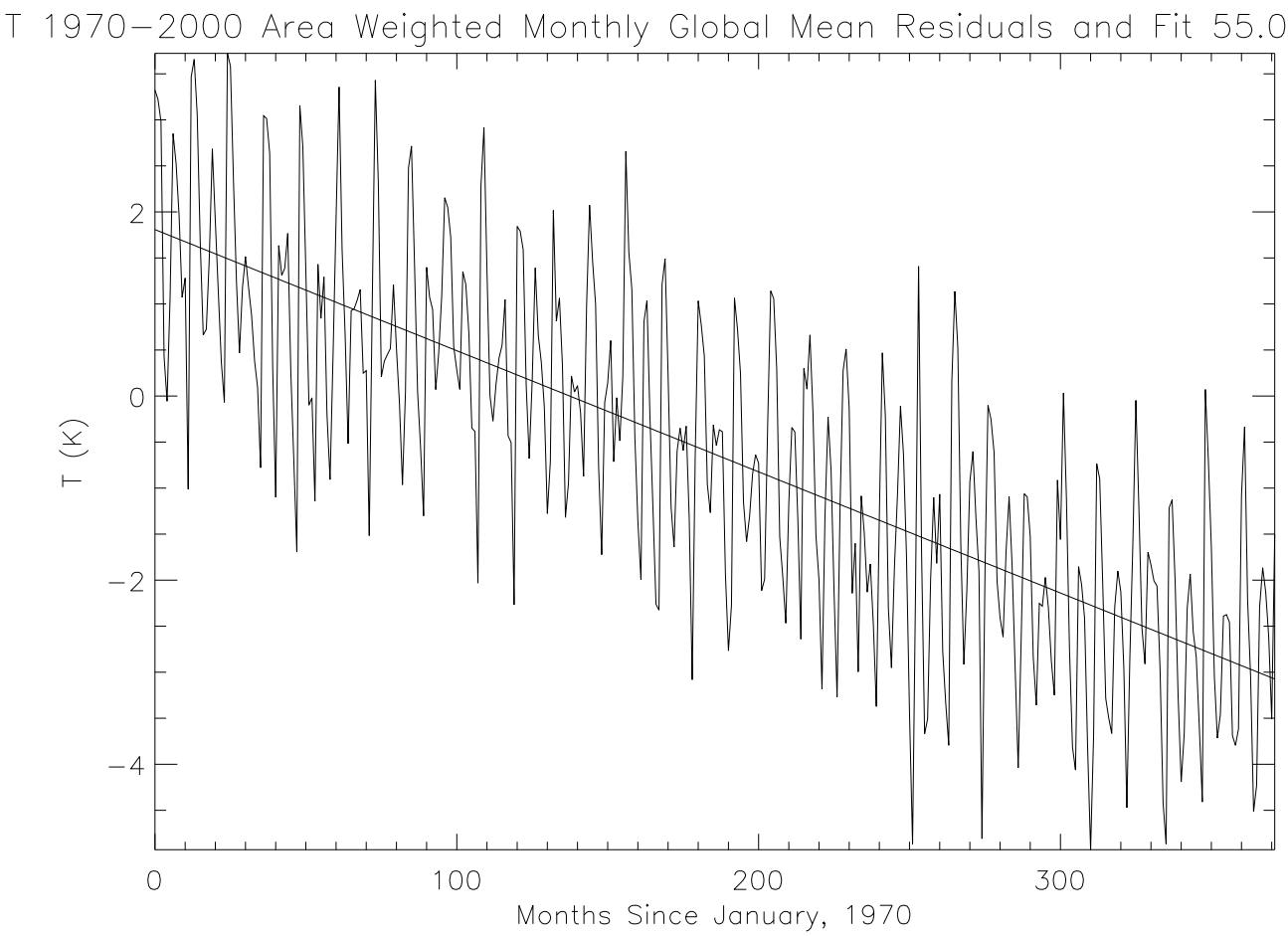

T 1955−2005 Area Weighted Monthly Global Mean Residuals and Fit 60.0000 km
T (K)
4
2
0
−2
−4
−6
0
100
200
300
400
500
600
Months Since January, 1970

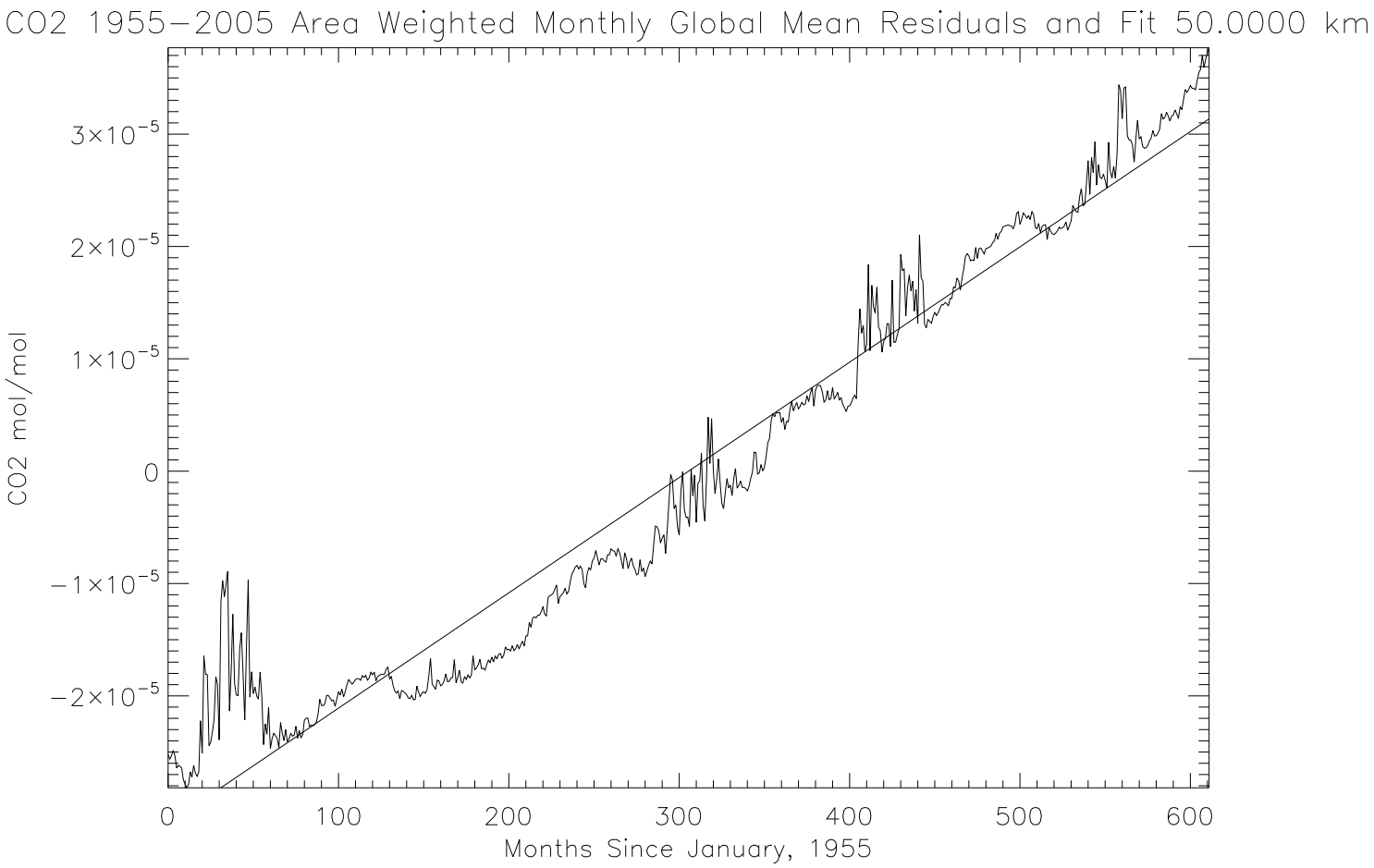

T 1970−2000 Area Weighted Monthly Global Mean Residuals and Fit 60.0000 km
T (K)
4
2
0
−2
−4
−6
0
100
200
300
Months Since January, 1970

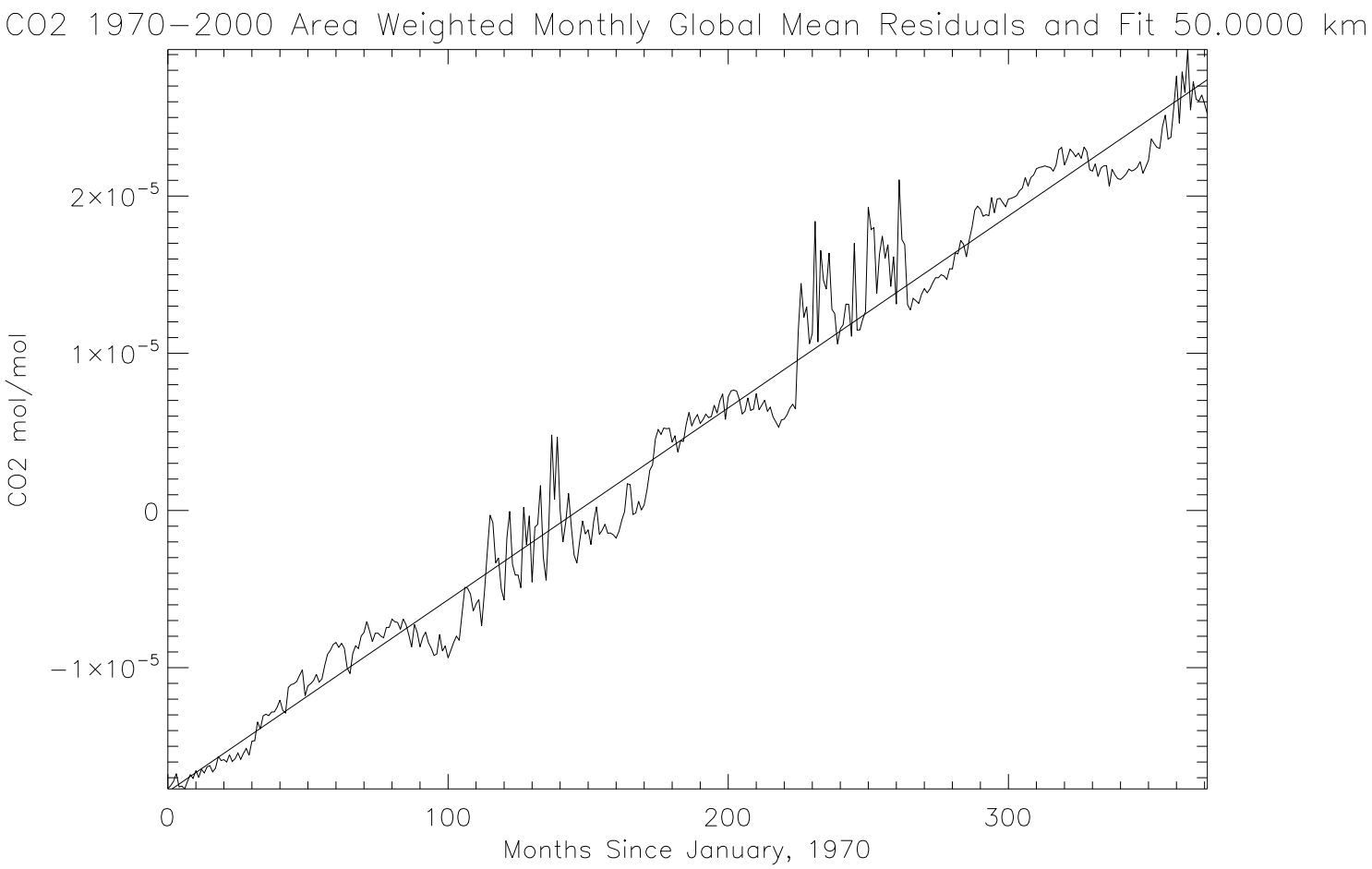

CO2 1955–2005 Area Weighted Monthly Global Mean Residuals and Fit 55.0000 km
3×10⁻⁵
2×10⁻⁵
1×10⁻⁵
0
−1×10⁻⁵
−2×10⁻⁵
CO2 mol/mol
0
100
200
300
400
500
600
Months Since January, 1955

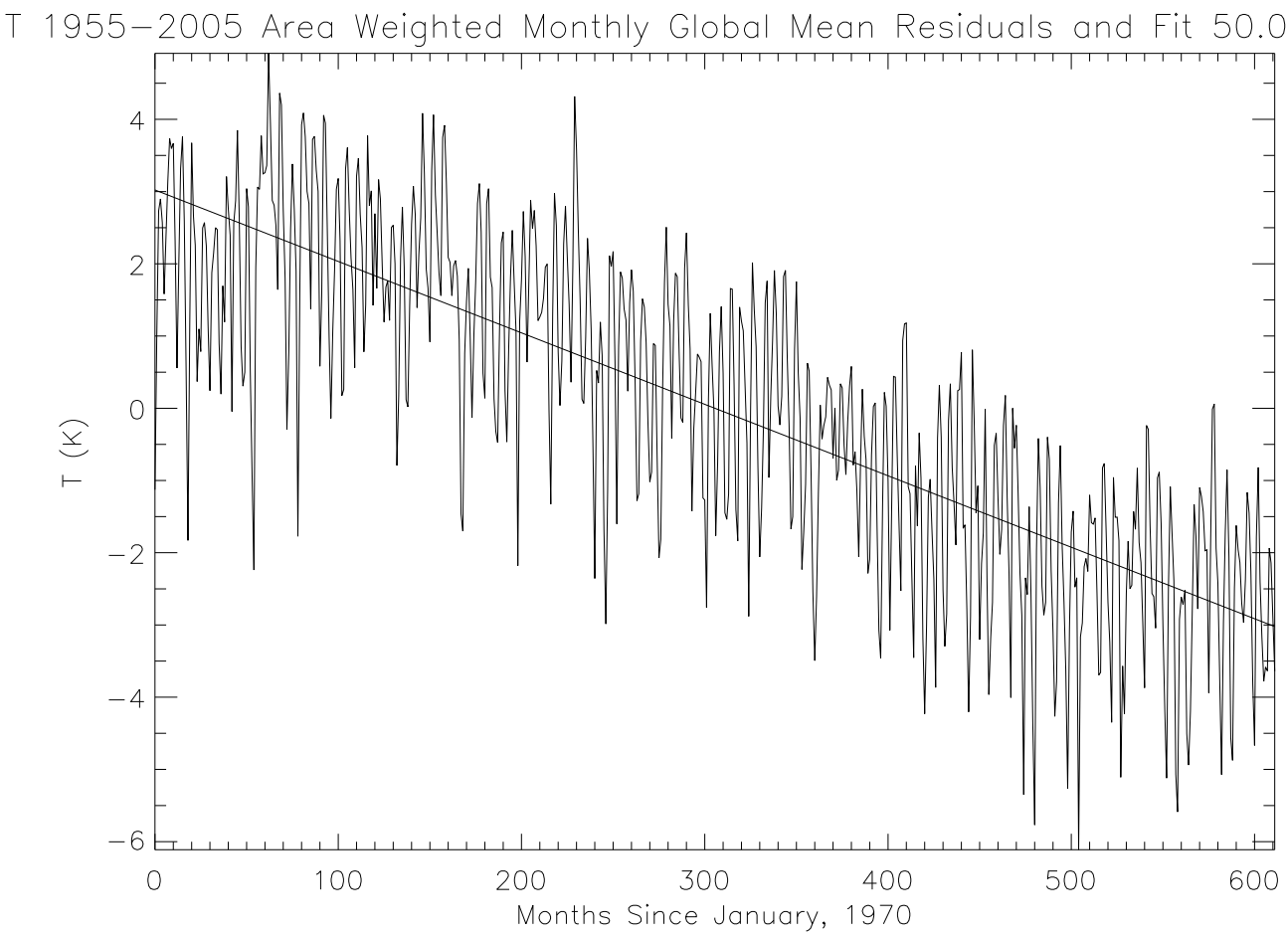

CO2 1970−2000 Area Weighted Monthly Global Mean Residuals and Fit 55.0000 km
2×10−5
1×10−5
0
−1×10−5
CO2 mol/mol
0
100
200
300
Months Since January, 1970

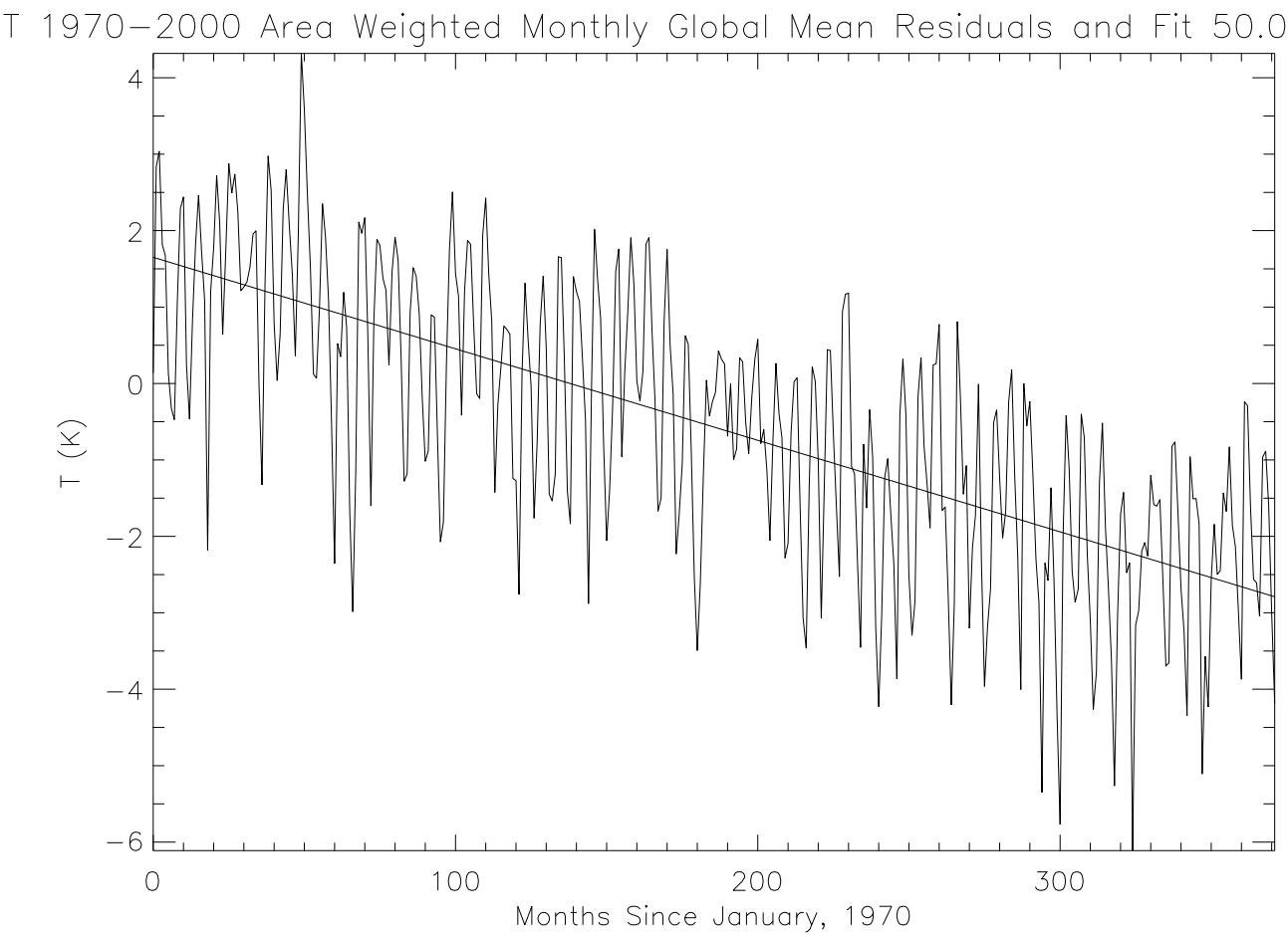

T 1955−2005 Area Weighted Monthly Global Mean Residuals and Fit 55.0000 km
T (K)
4
2
0
−2
−4
0
100
200
300
400
500
600
Months Since January, 1970

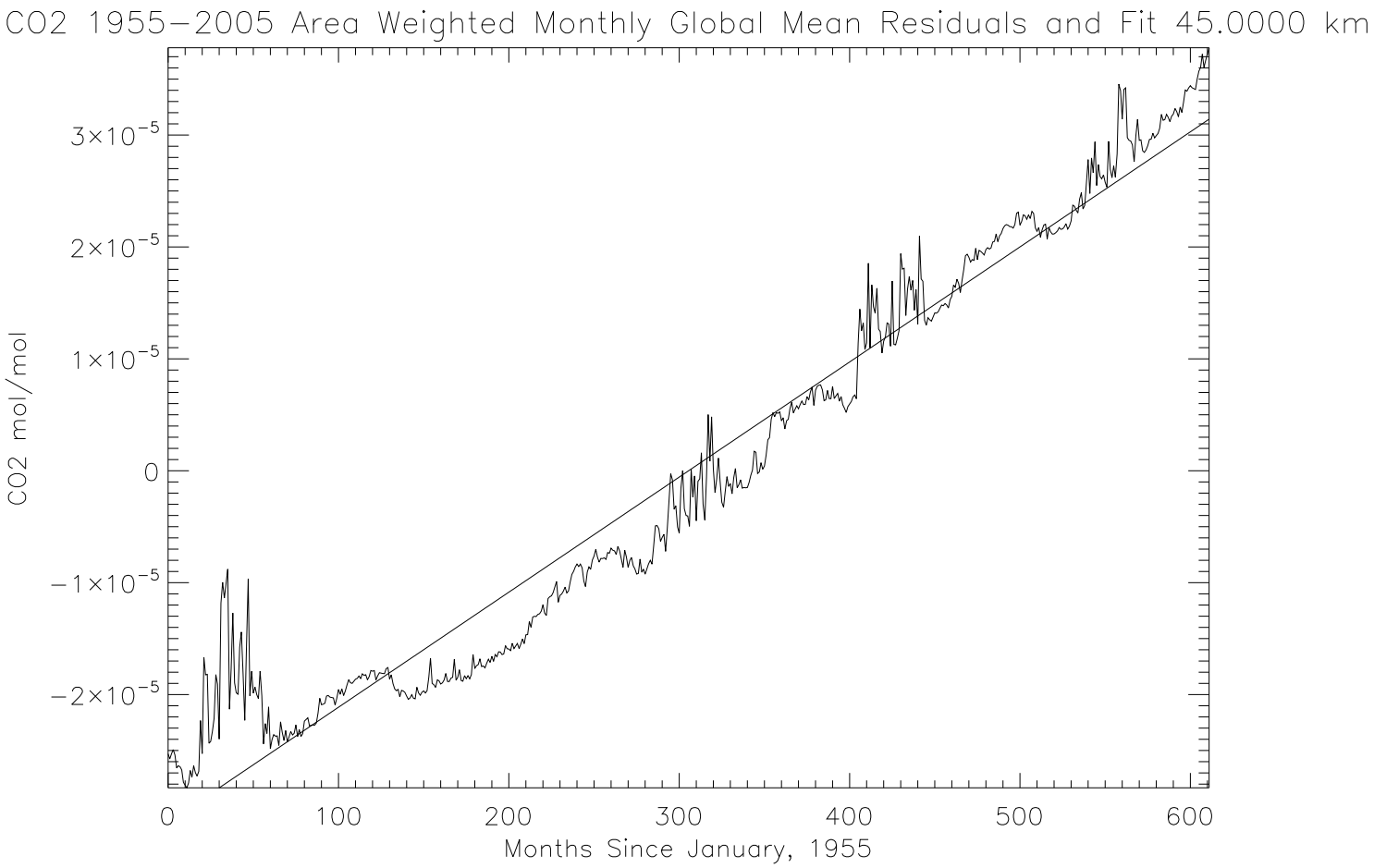

T 1970−2000 Area Weighted Monthly Global Mean Residuals and Fit 55.0000 km
T (K)
2
0
−2
−4
0
100
200
300
Months Since January, 1970

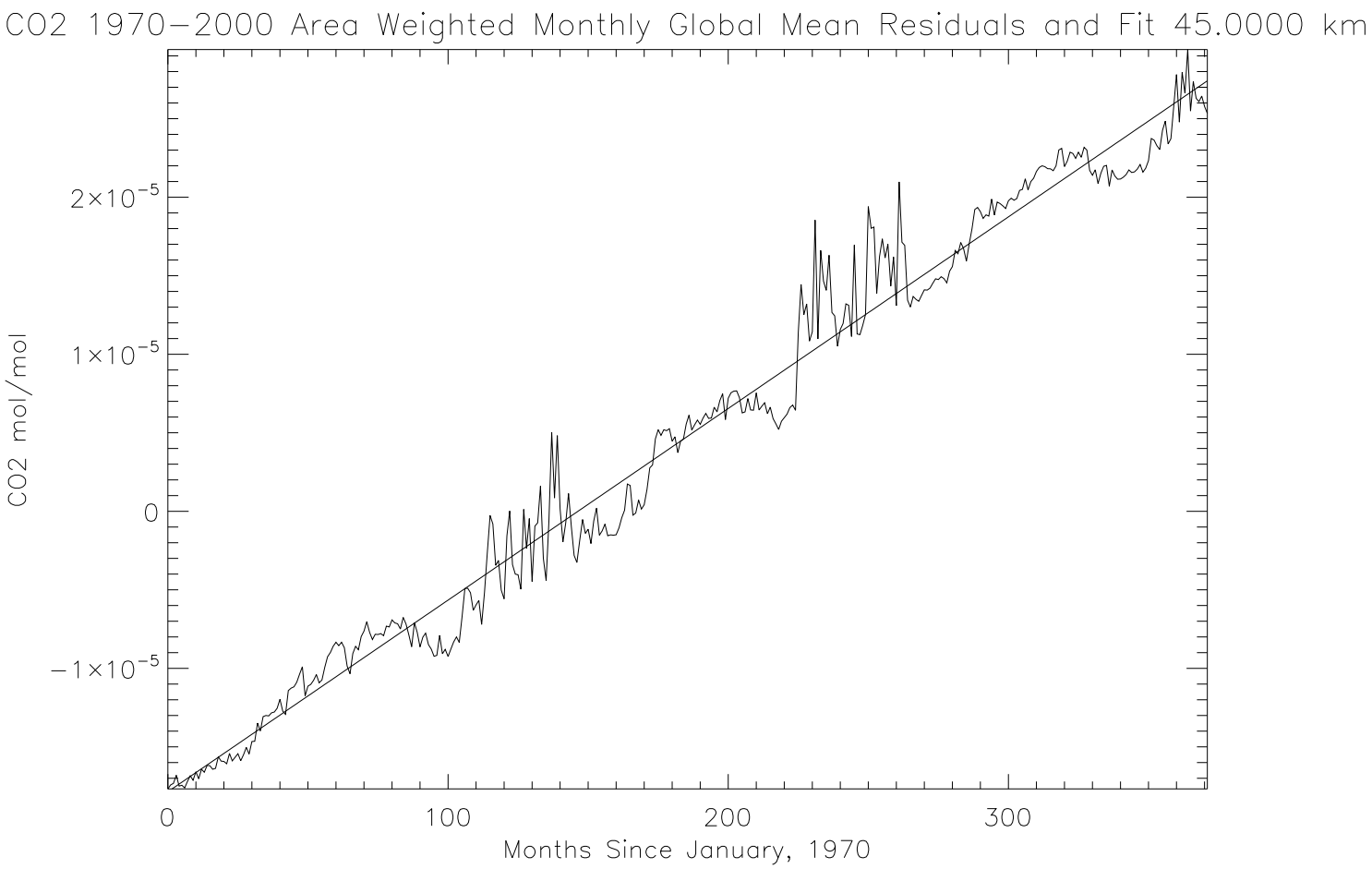

CO2 1955–2005 Area Weighted Monthly Global Mean Residuals and Fit 50.0000 km
3×10⁻⁵
2×10⁻⁵
1×10⁻⁵
0
−1×10⁻⁵
−2×10⁻⁵
CO2 mol/mol
0
100
200
300
400
500
600
Months Since January, 1955

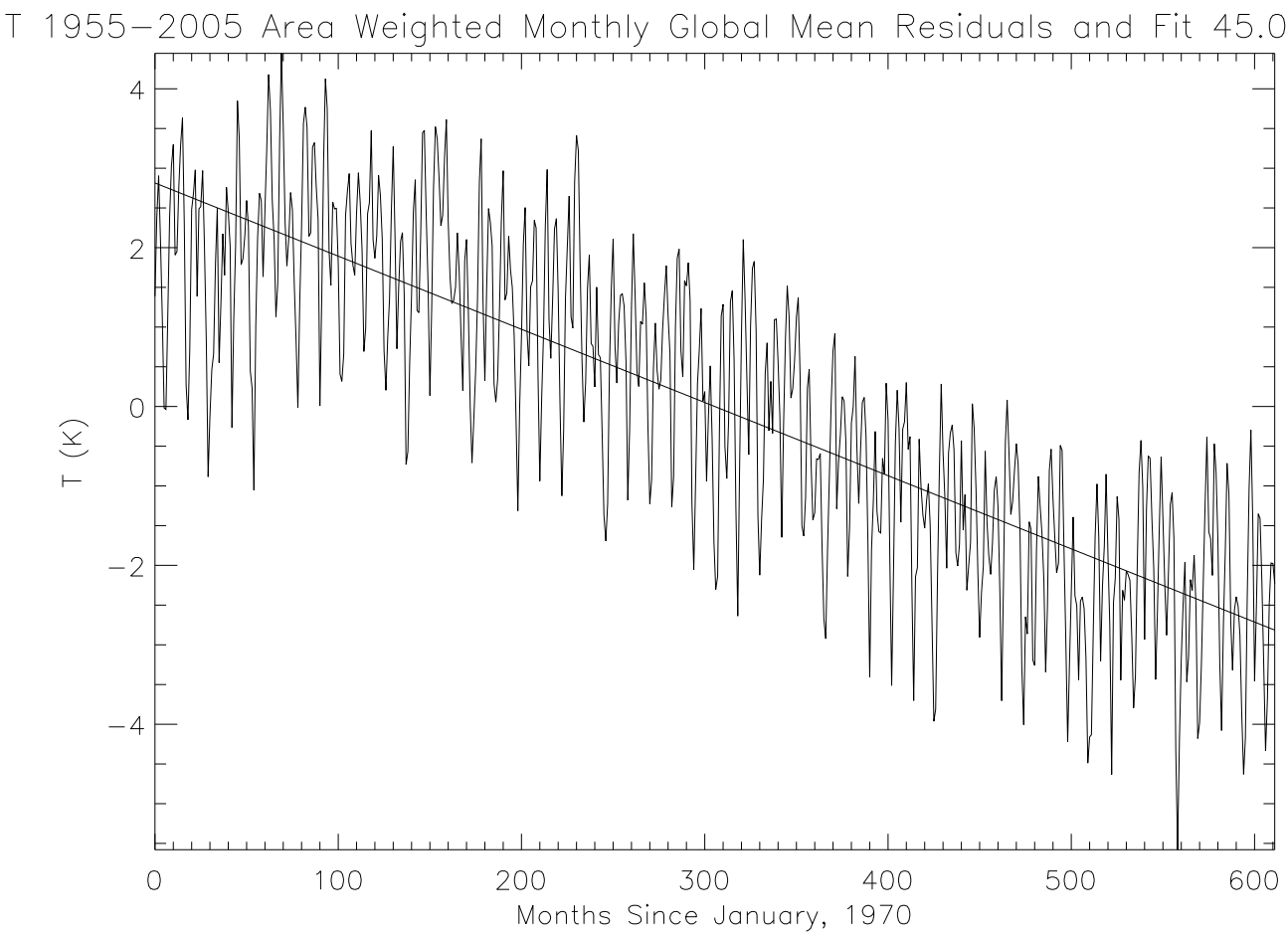

CO2 1970−2000 Area Weighted Monthly Global Mean Residuals and Fit 50.0000 km
2×10−5
1×10−5
0
−1×10−5
CO2 mol/mol
0
100
200
300
Months Since January, 1970

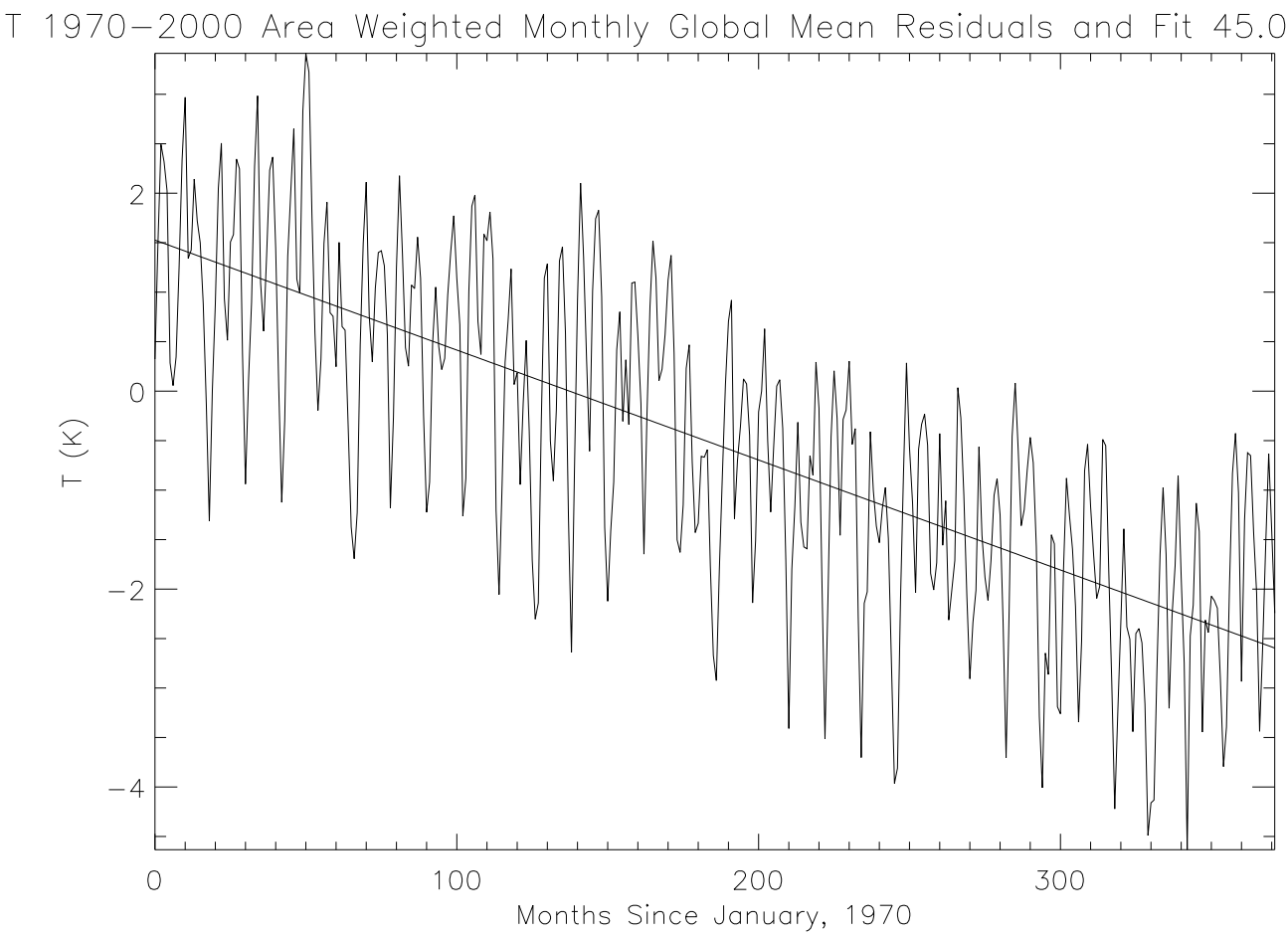

T 1955−2005 Area Weighted Monthly Global Mean Residuals and Fit 50.0000 km
T (K)
4
2
0
−2
−4
−6
0
100
200
300
400
500
600
Months Since January, 1970

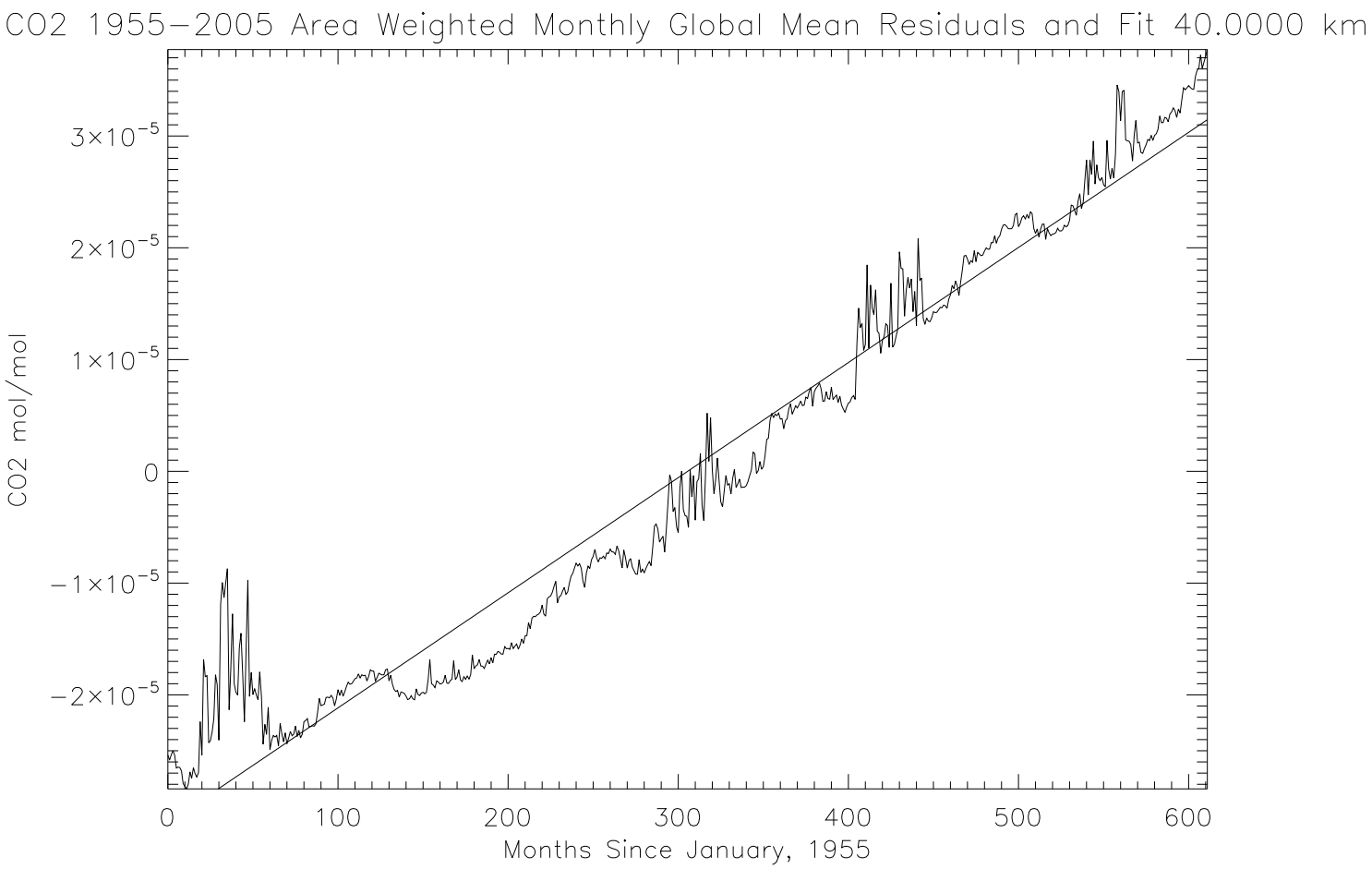

T 1970−2000 Area Weighted Monthly Global Mean Residuals and Fit 50.0000 km
T (K)
4
2
0
−2
−4
−6
0
100
200
300
Months Since January, 1970

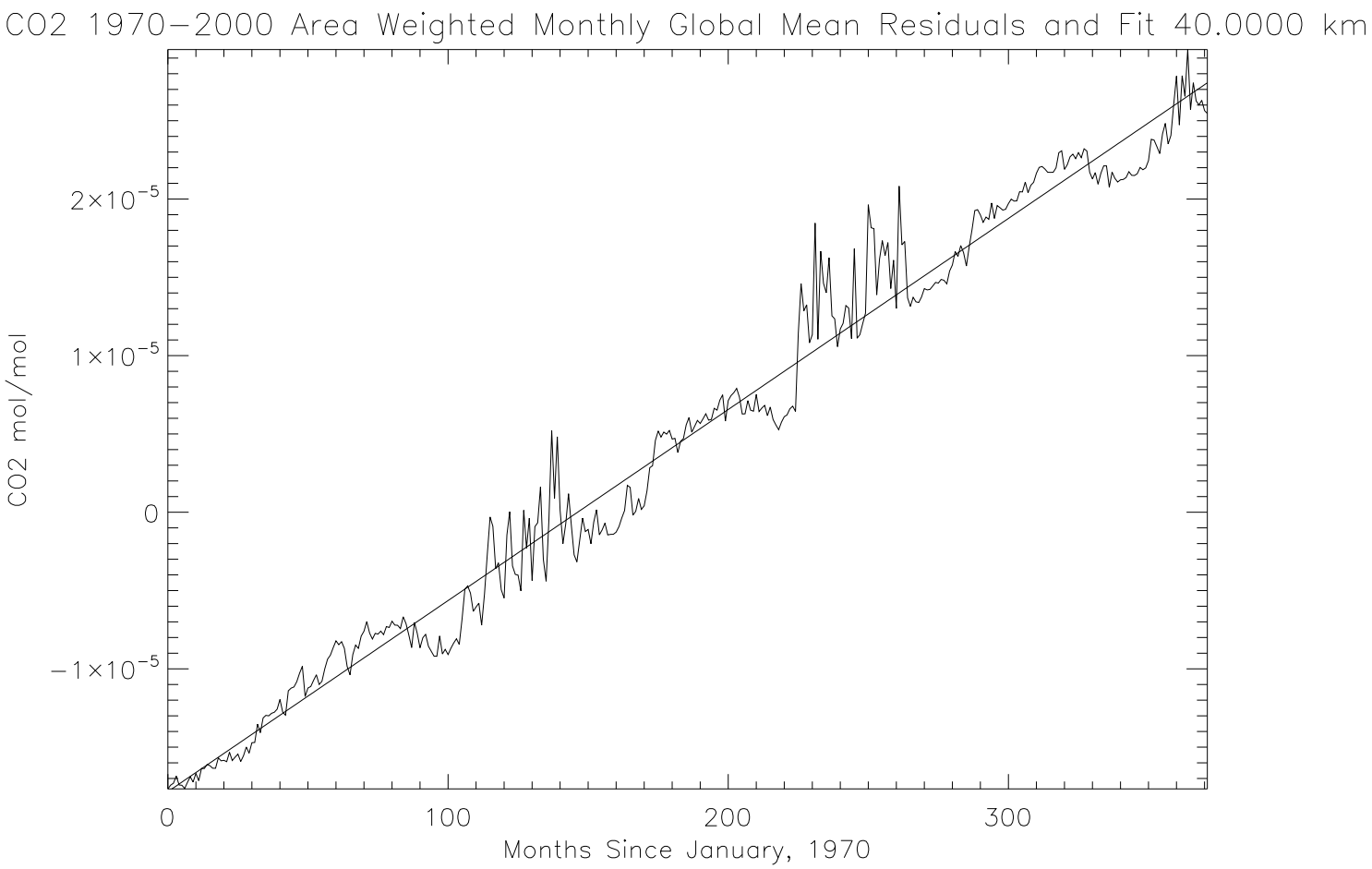

CO2 1955–2005 Area Weighted Monthly Global Mean Residuals and Fit 45.0000 km
3×10⁻⁵
2×10⁻⁵
1×10⁻⁵
0
−1×10⁻⁵
−2×10⁻⁵
CO2 mol/mol
0
100
200
300
400
500
600
Months Since January, 1955

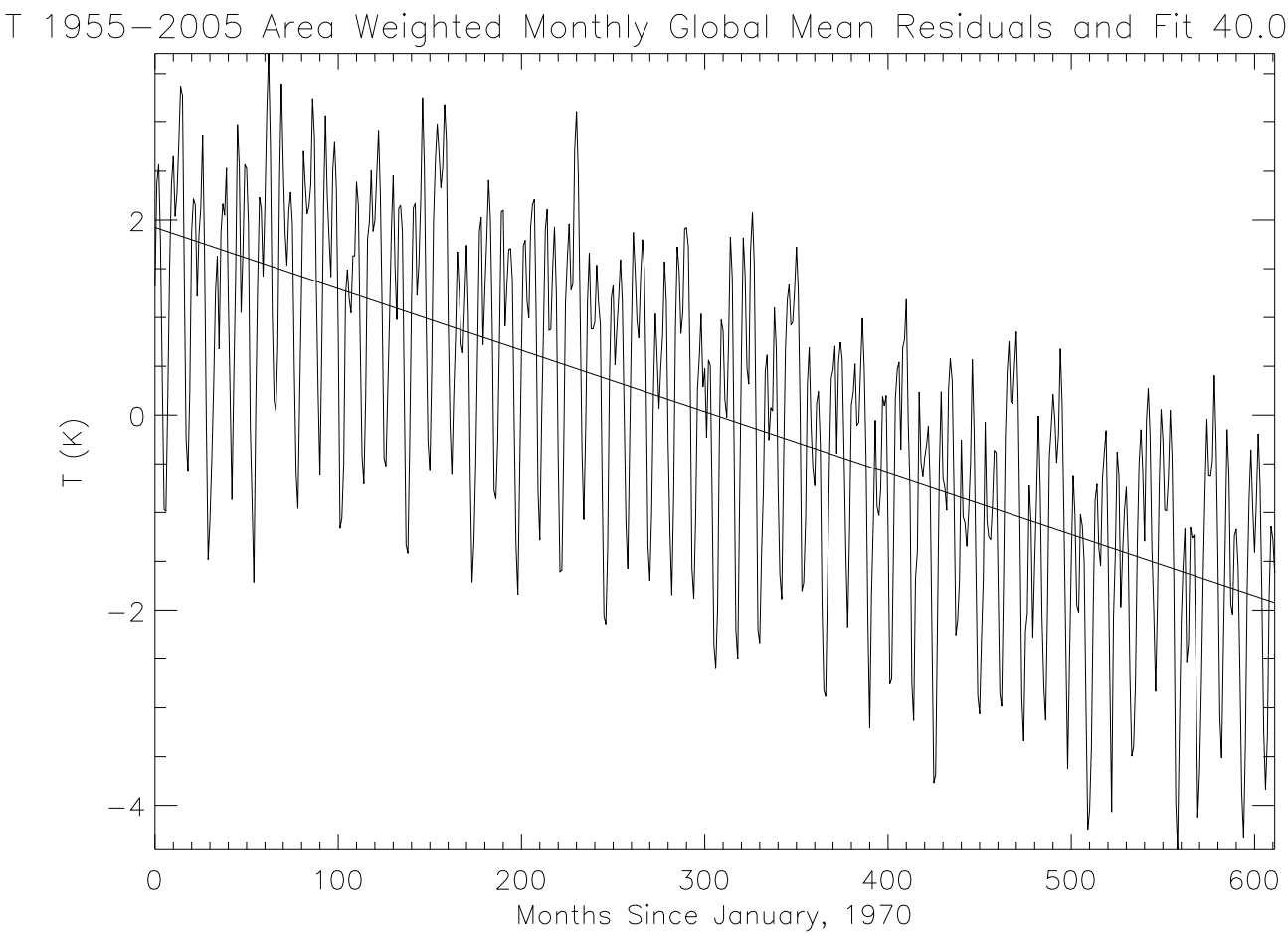

CO2 1970−2000 Area Weighted Monthly Global Mean Residuals and Fit 45.0000 km
2×10−5
1×10−5
0
−1×10−5
CO2 mol/mol
0
100
200
300
Months Since January, 1970

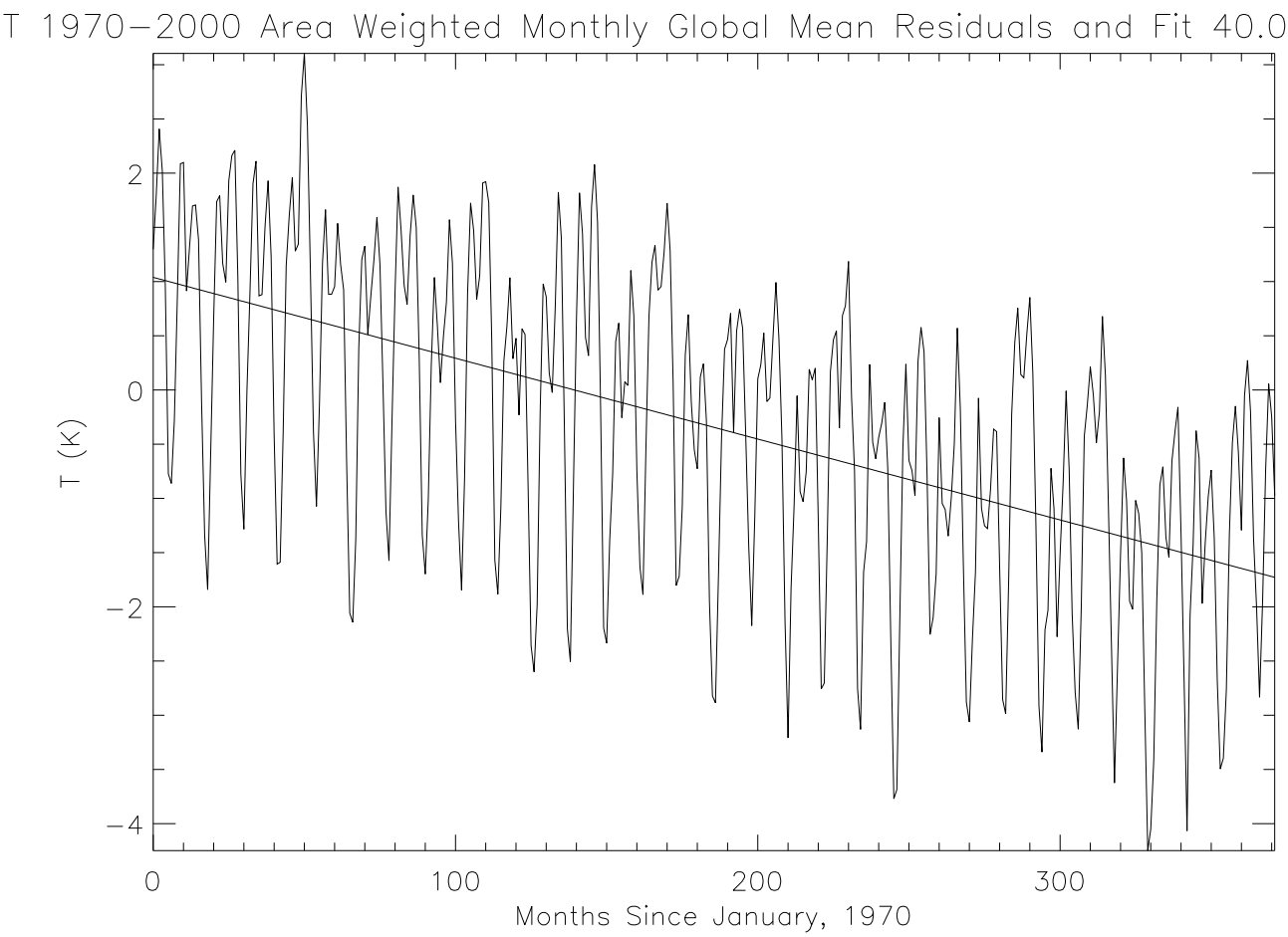

T 1955−2005 Area Weighted Monthly Global Mean Residuals and Fit 45.0000 km
T (K)
4
2
0
−2
−4
0
100
200
300
400
500
600
Months Since January, 1970

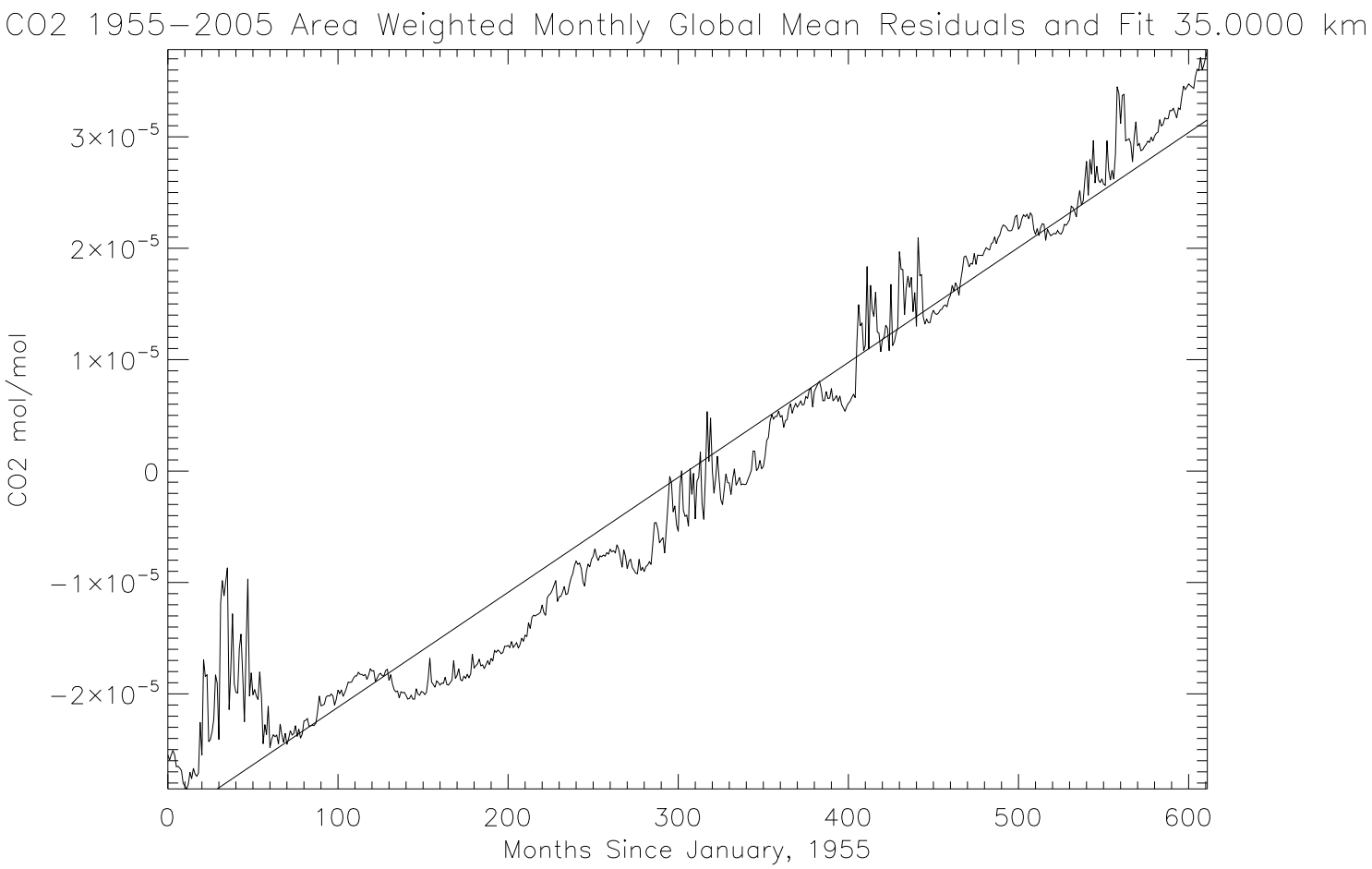

T 1970−2000 Area Weighted Monthly Global Mean Residuals and Fit 45.0000 km
T (K)
2
0
−2
−4
0
100
200
300
Months Since January, 1970

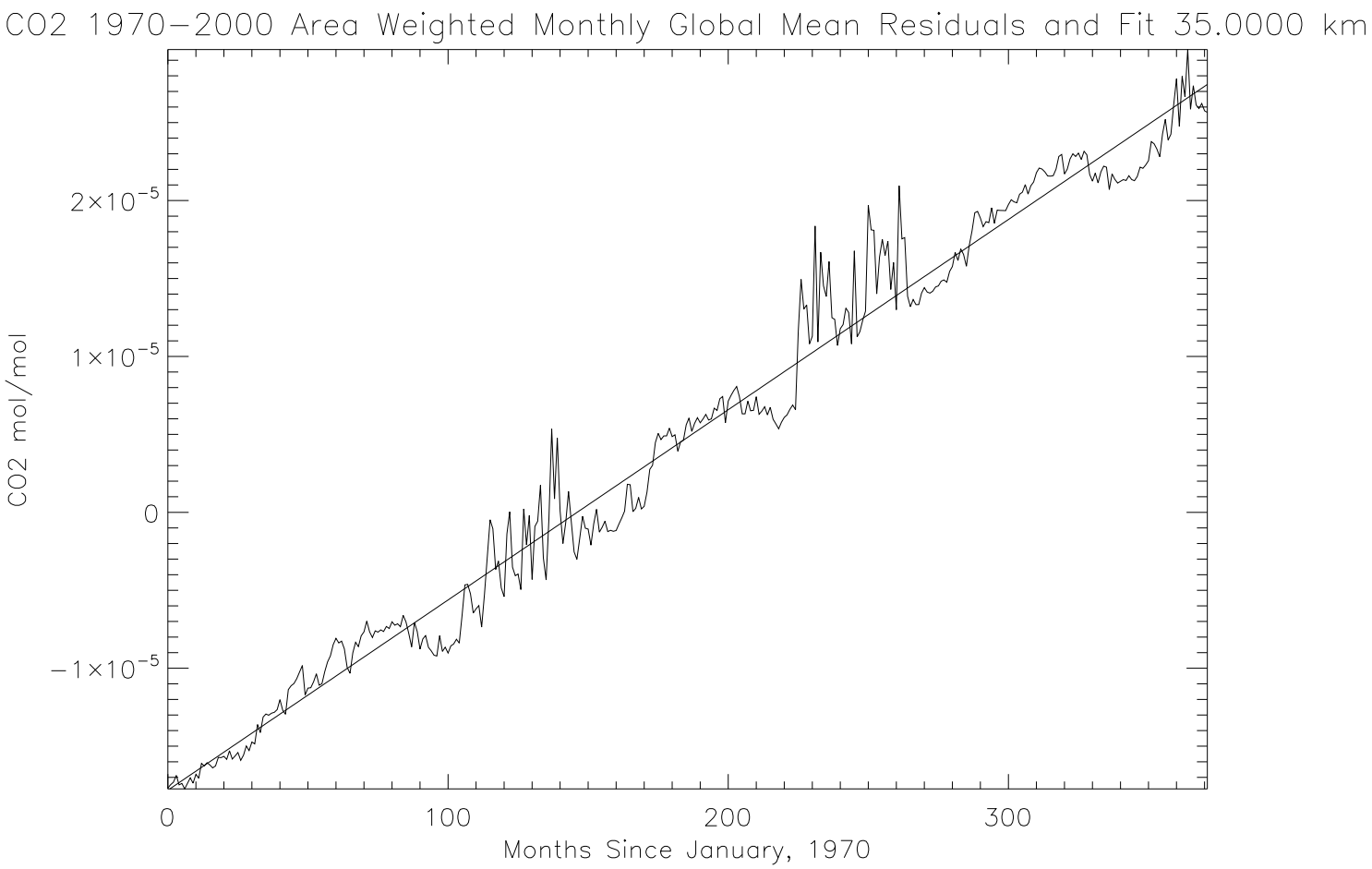

CO2 1955–2005 Area Weighted Monthly Global Mean Residuals and Fit 40.0000 km
3×10⁻⁵
2×10⁻⁵
1×10⁻⁵
0
−1×10⁻⁵
−2×10⁻⁵
CO2 mol/mol
0
100
200
300
400
500
600
Months Since January, 1955

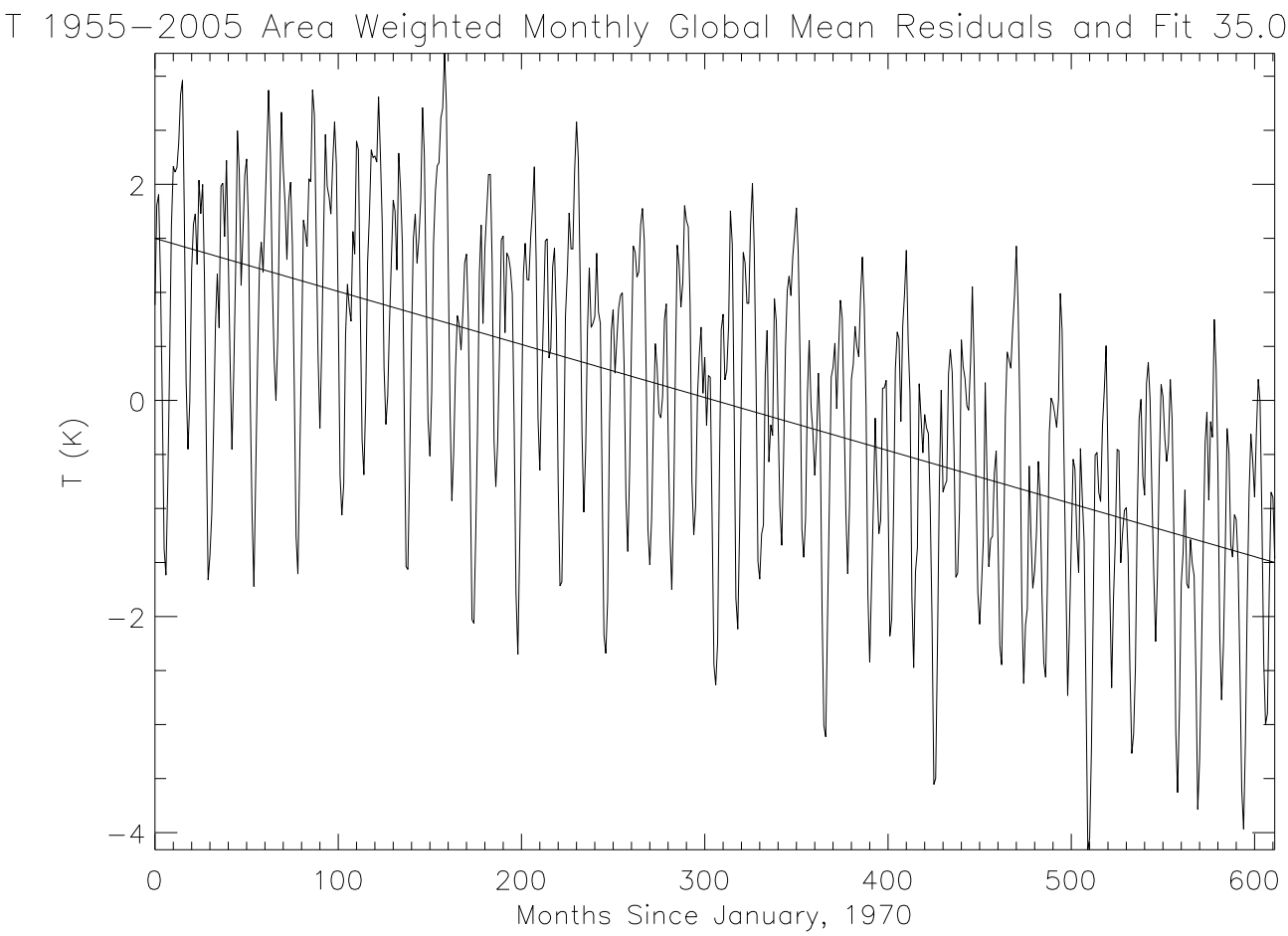

CO2 1970−2000 Area Weighted Monthly Global Mean Residuals and Fit 40.0000 km
2×10−5
1×10−5
0
−1×10−5
CO2 mol/mol
0
100
200
300
Months Since January, 1970

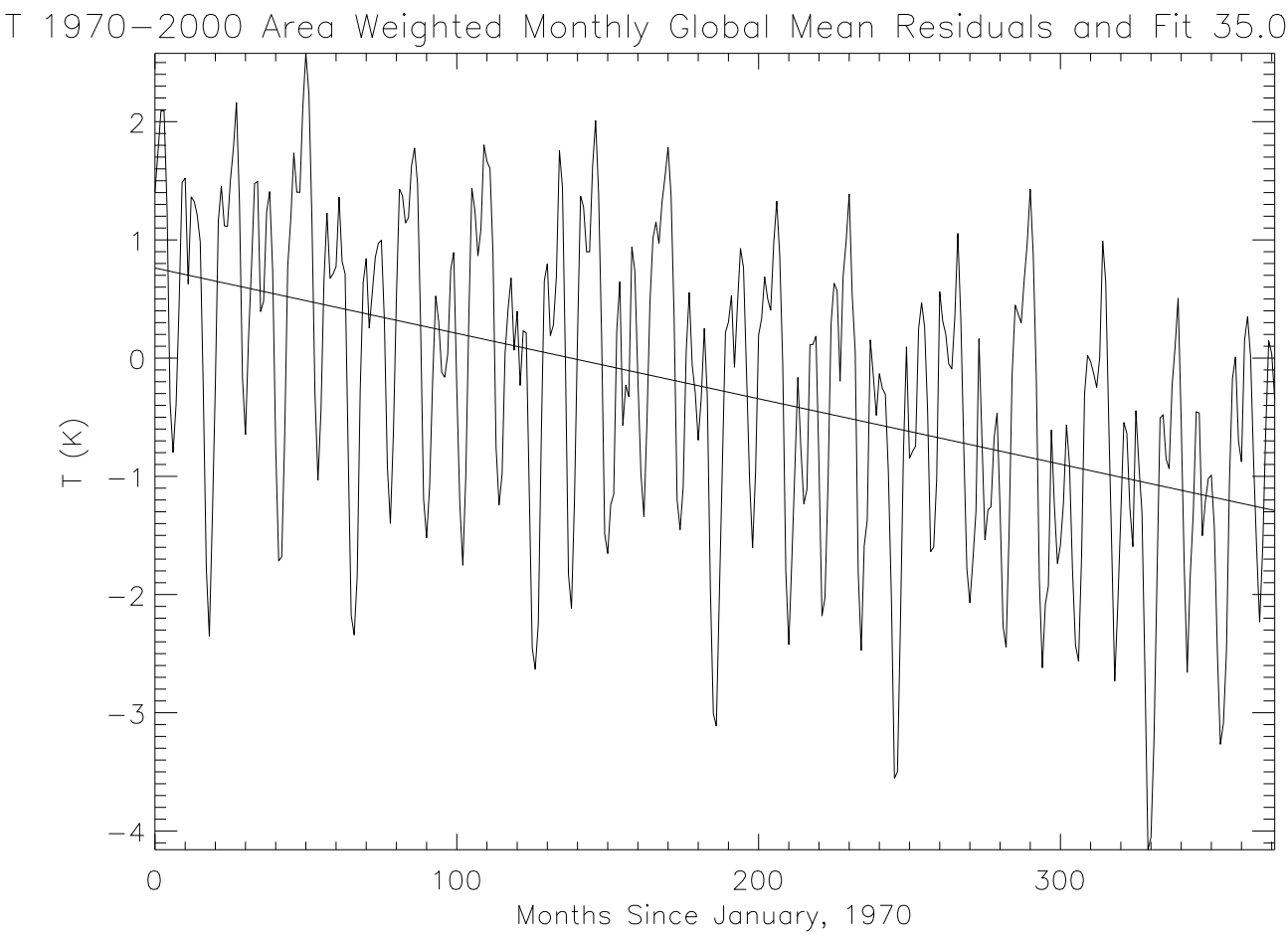

T 1955−2005 Area Weighted Monthly Global Mean Residuals and Fit 40.0000 km
T (K)
2
0
−2
−4
0
100
200
300
400
500
600
Months Since January, 1970

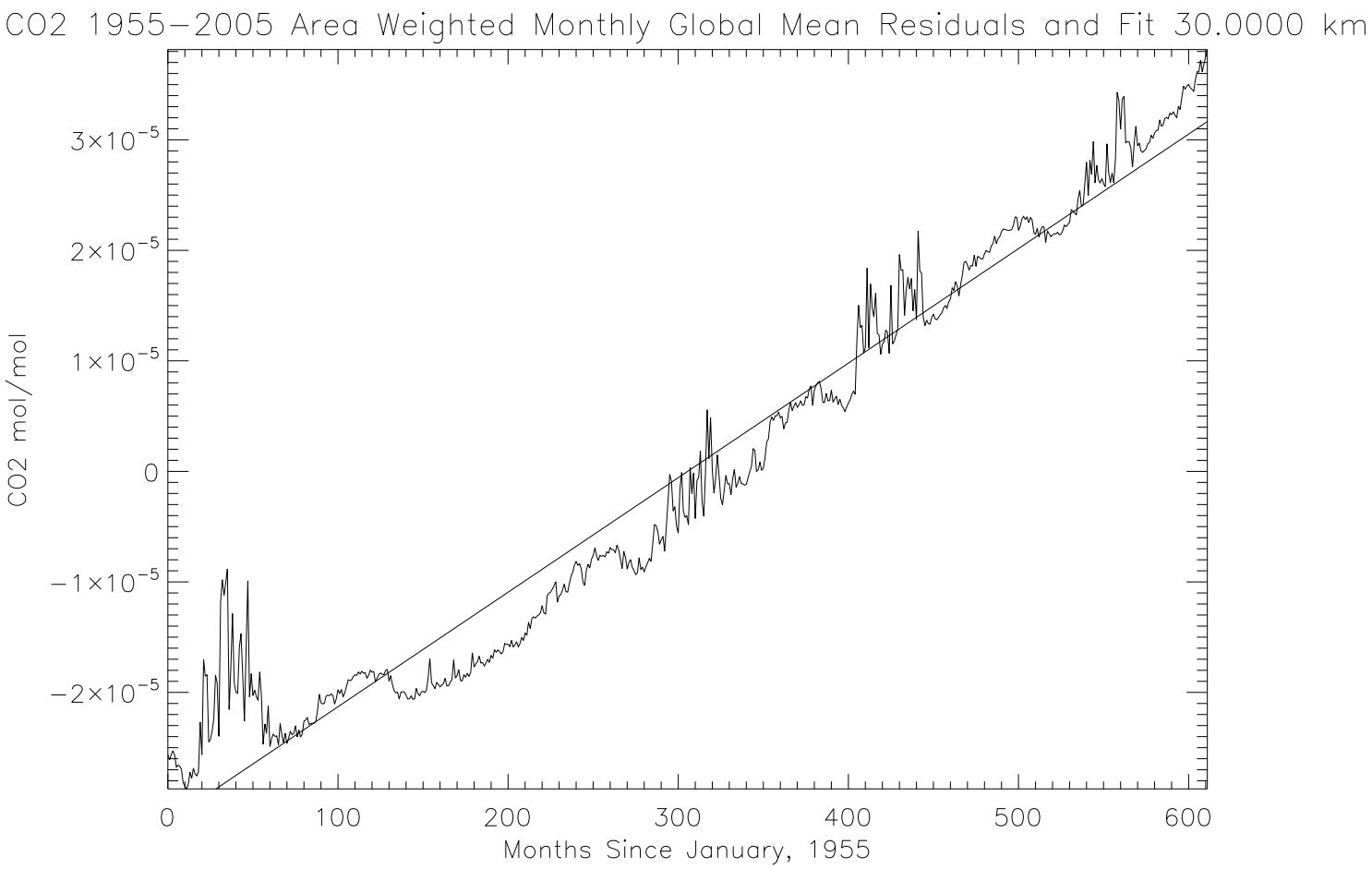

T 1970−2000 Area Weighted Monthly Global Mean Residuals and Fit 40.0000 km
T (K)
2
0
−2
−4
0
100
200
300
Months Since January, 1970

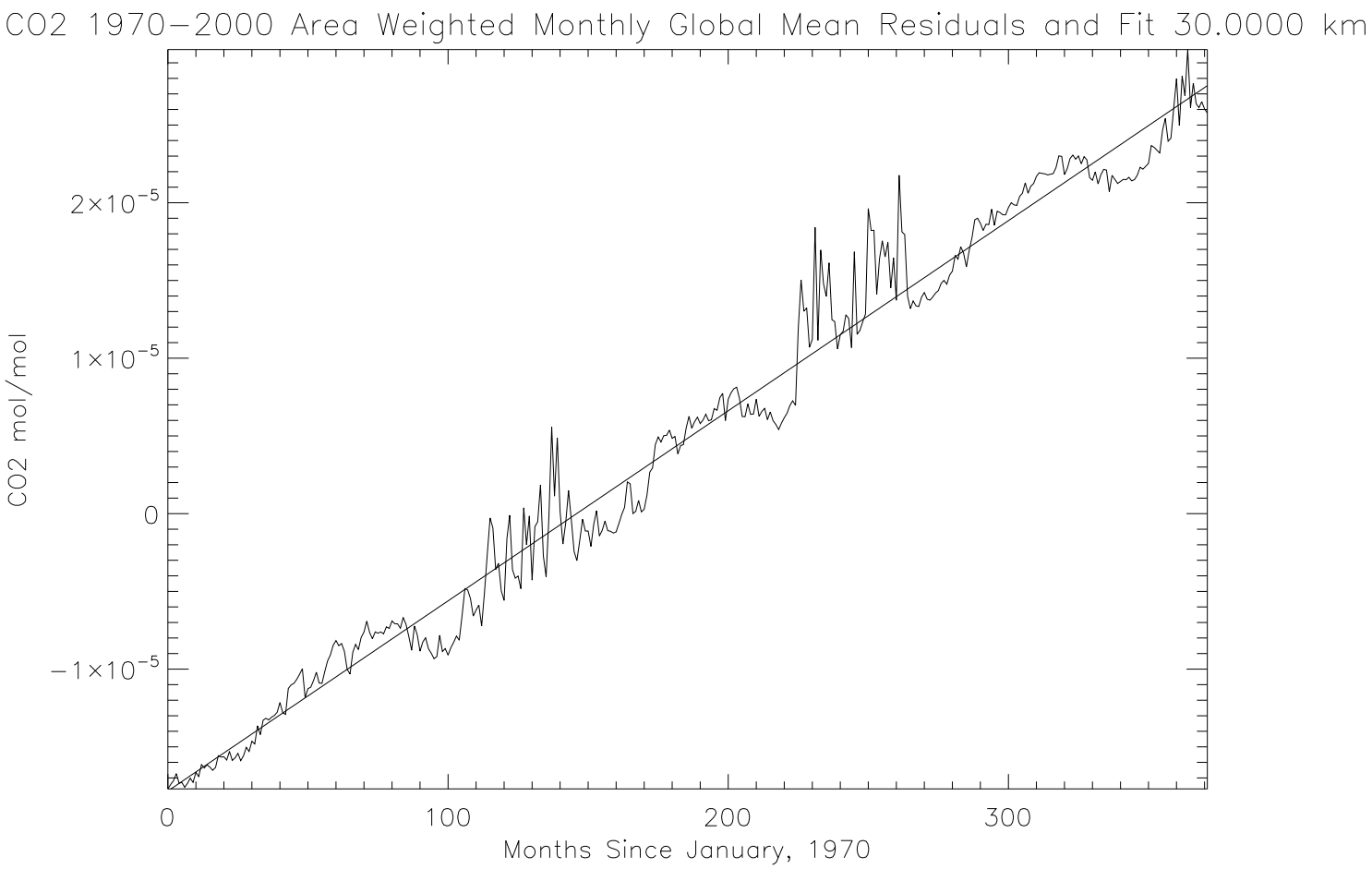

CO2 1955–2005 Area Weighted Monthly Global Mean Residuals and Fit 35.0000 km
3×10⁻⁵
2×10⁻⁵
1×10⁻⁵
0
−1×10⁻⁵
−2×10⁻⁵
CO2 mol/mol
0
100
200
300
400
500
600
Months Since January, 1955

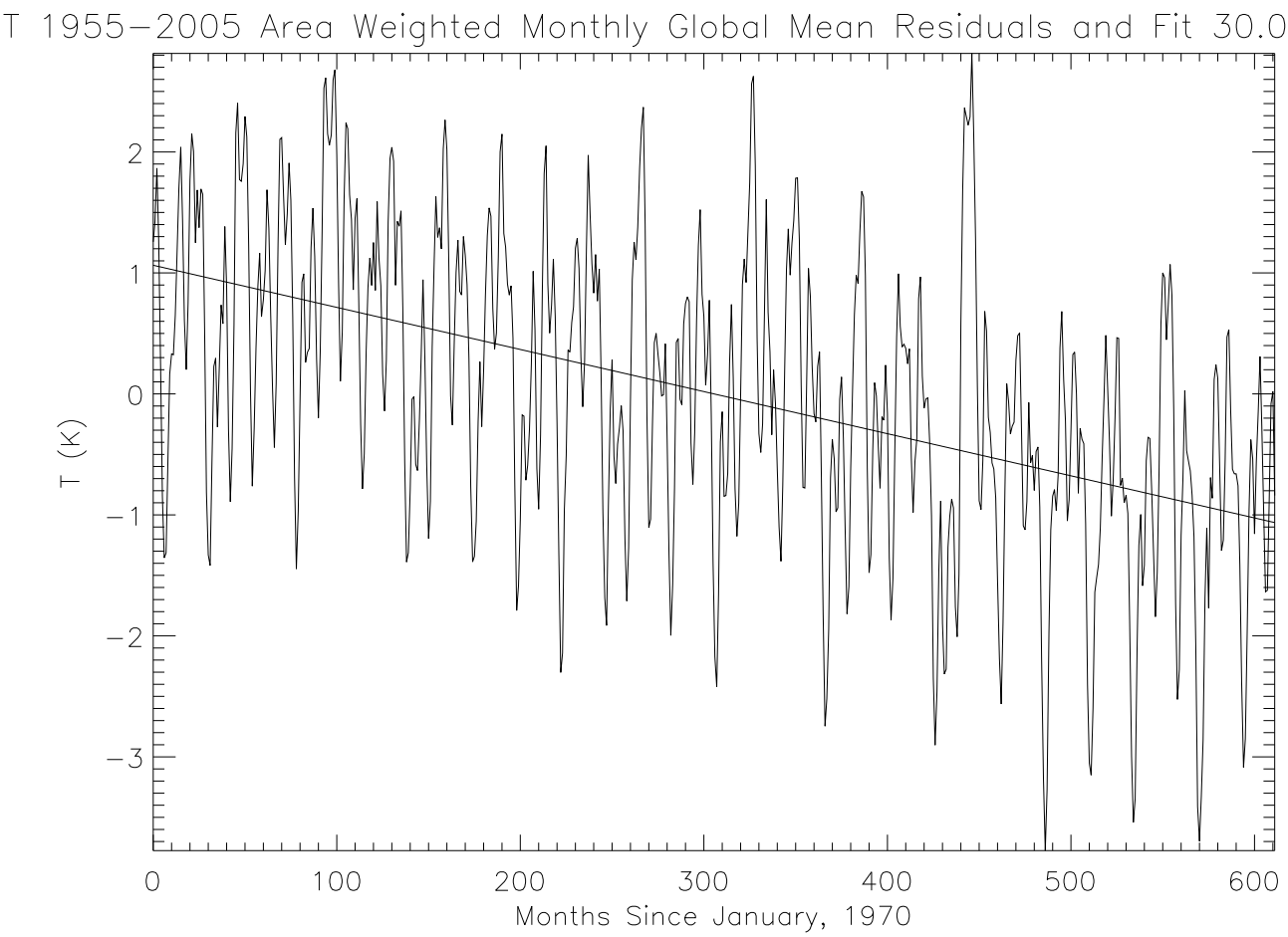

CO2 1970−2000 Area Weighted Monthly Global Mean Residuals and Fit 35.0000 km
2×10−5
1×10−5
0
−1×10−5
CO2 mol/mol
0
100
200
300
Months Since January, 1970

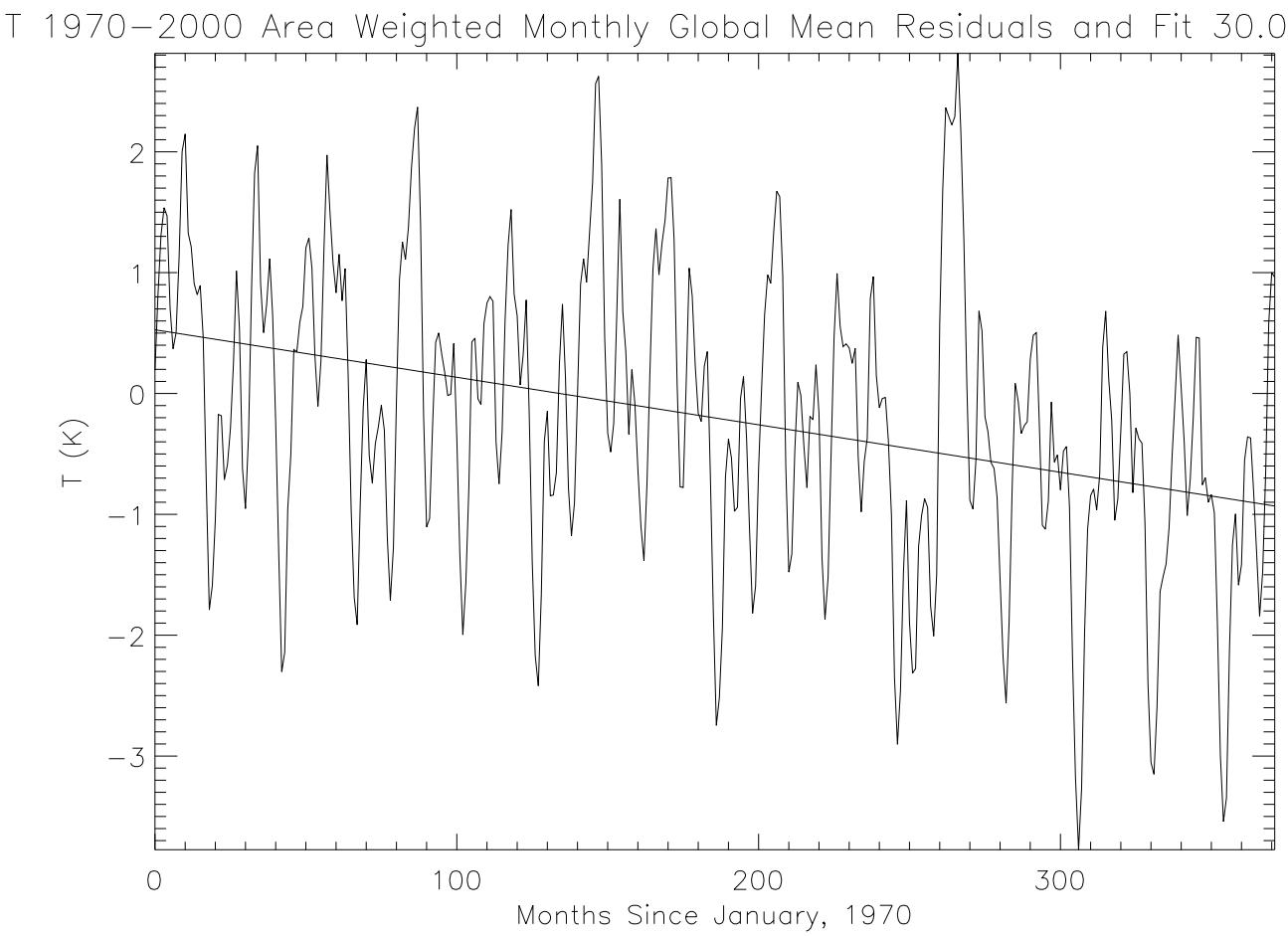

T 1955−2005 Area Weighted Monthly Global Mean Residuals and Fit 35.0000 km
T (K)
2
0
−2
−4
0
100
200
300
400
500
600
Months Since January, 1970

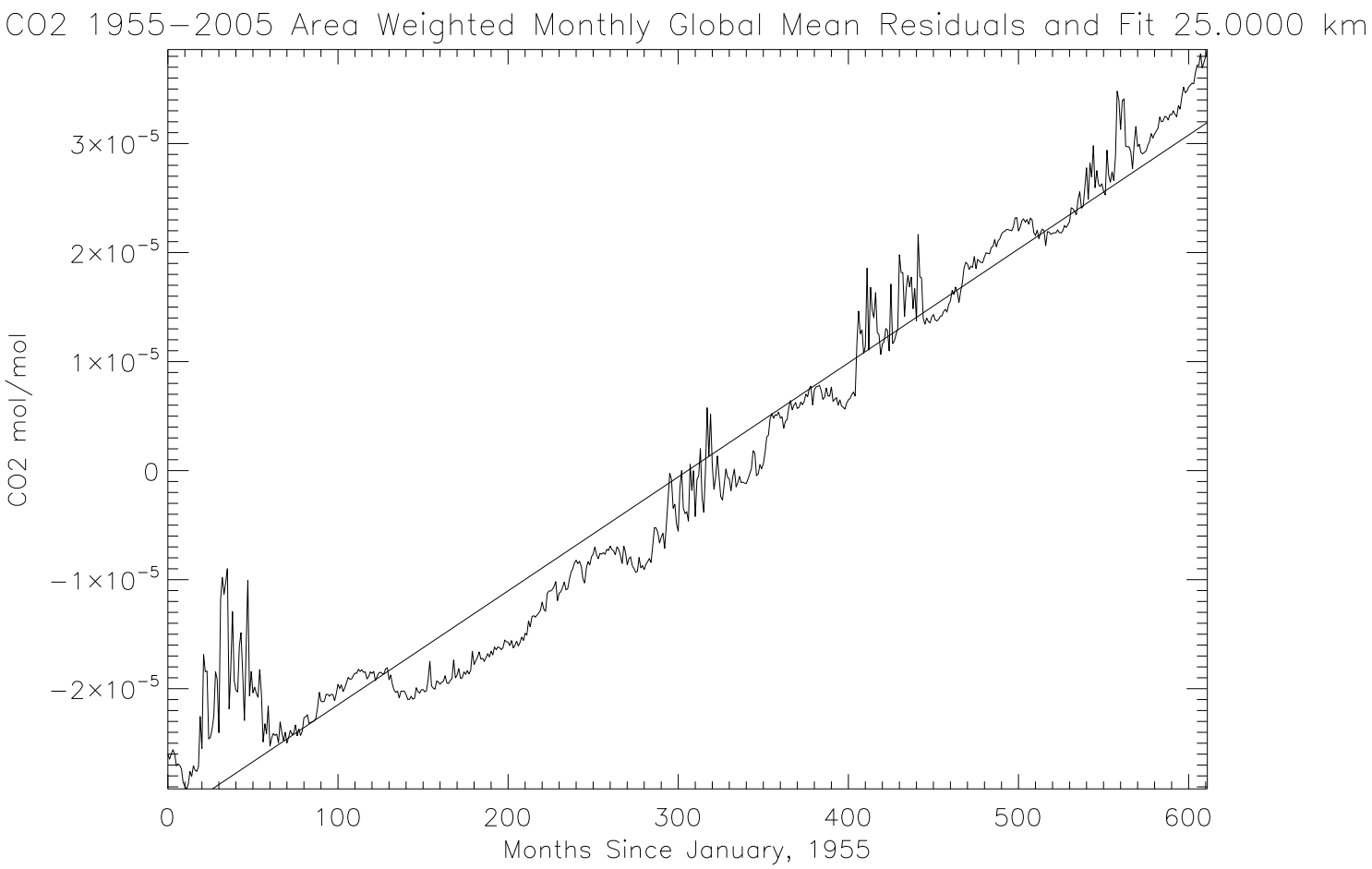

T 1970−2000 Area Weighted Monthly Global Mean Residuals and Fit 35.0000 km
T (K)
2
1
0
−1
−2
−3
−4
0
100
200
300
Months Since January, 1970

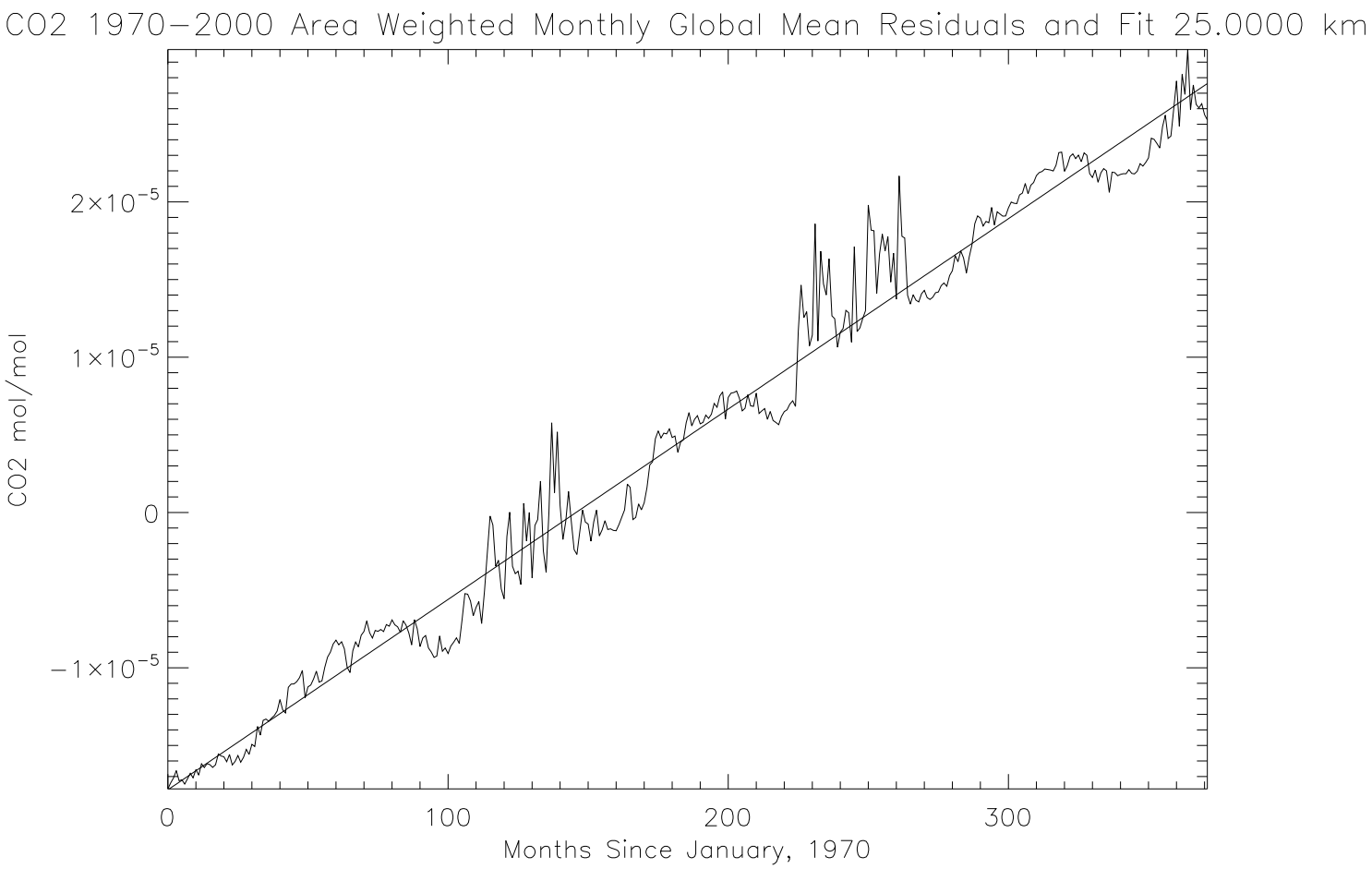

CO2 1955–2005 Area Weighted Monthly Global Mean Residuals and Fit 30.0000 km
3×10⁻⁵
2×10⁻⁵
1×10⁻⁵
0
−1×10⁻⁵
−2×10⁻⁵
CO2 mol/mol
0
100
200
300
400
500
600
Months Since January, 1955

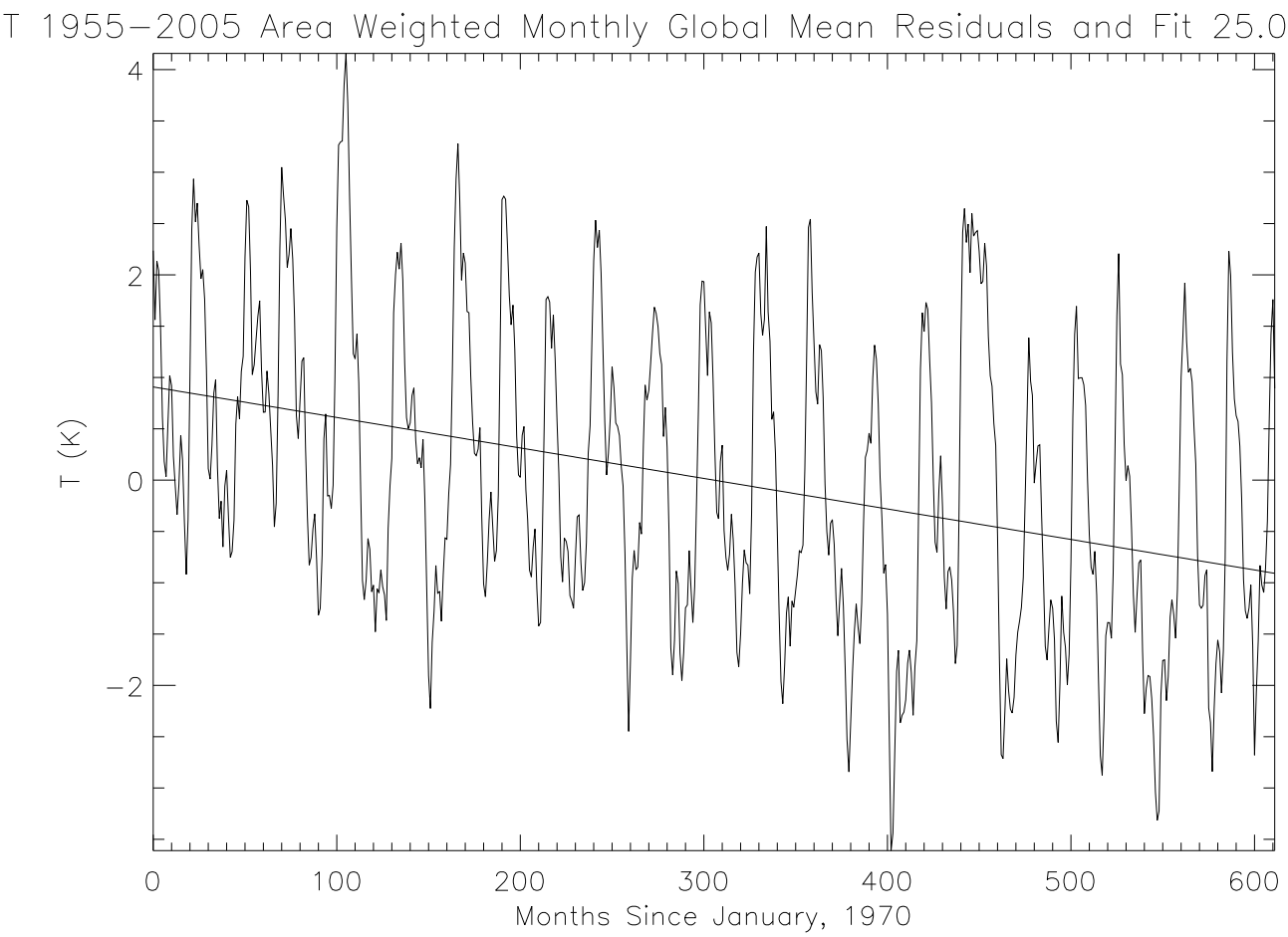

CO2 1970−2000 Area Weighted Monthly Global Mean Residuals and Fit 30.0000 km
2×10−5
1×10−5
0
−1×10−5
CO2 mol/mol
0
100
200
300
Months Since January, 1970

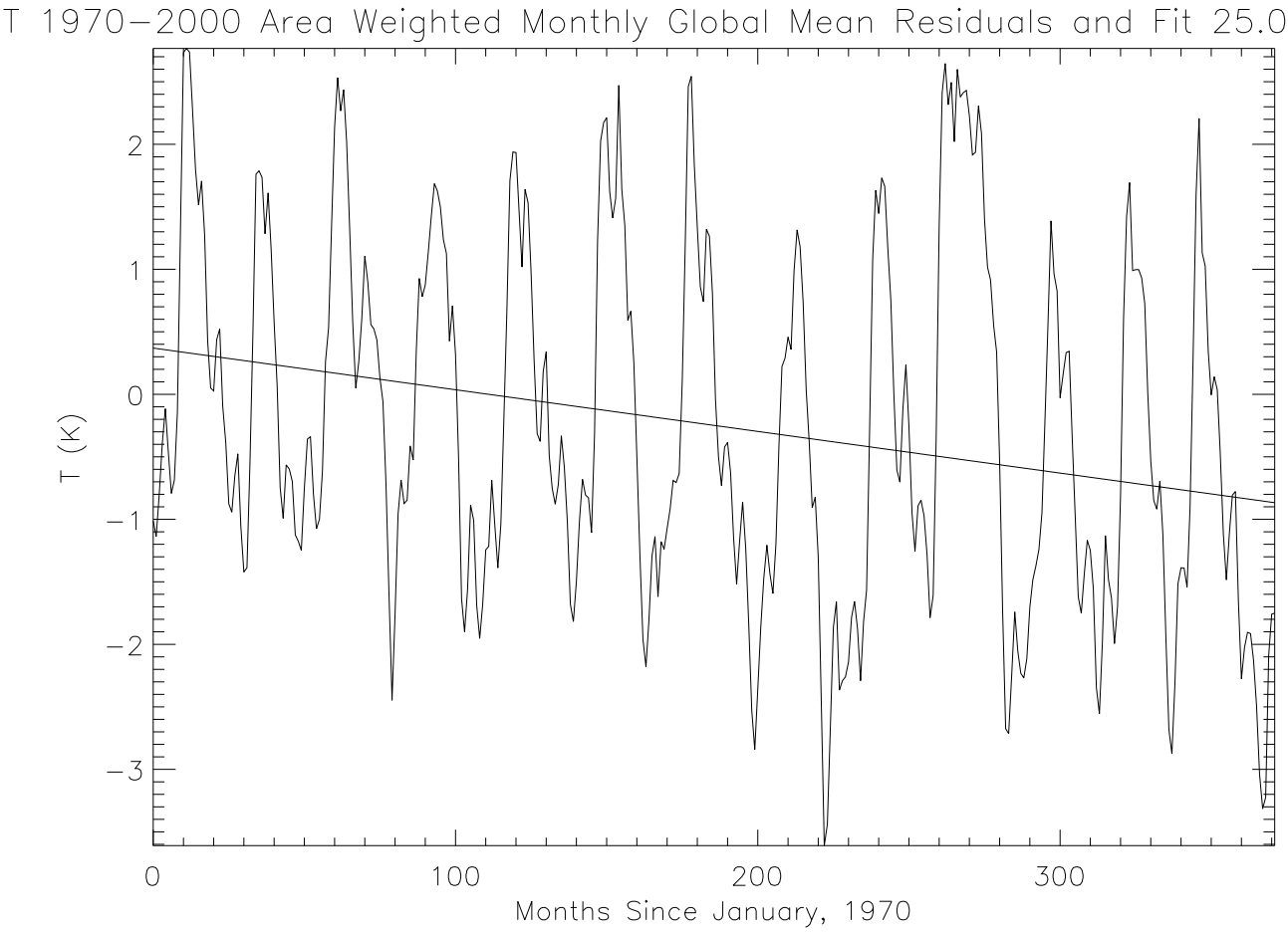

T 1955–2005 Area Weighted Monthly Global Mean Residuals and Fit 30.0000 km
T (K)
2
1
0
−1
−2
−3
0
100
200
300
400
500
600
Months Since January, 1970

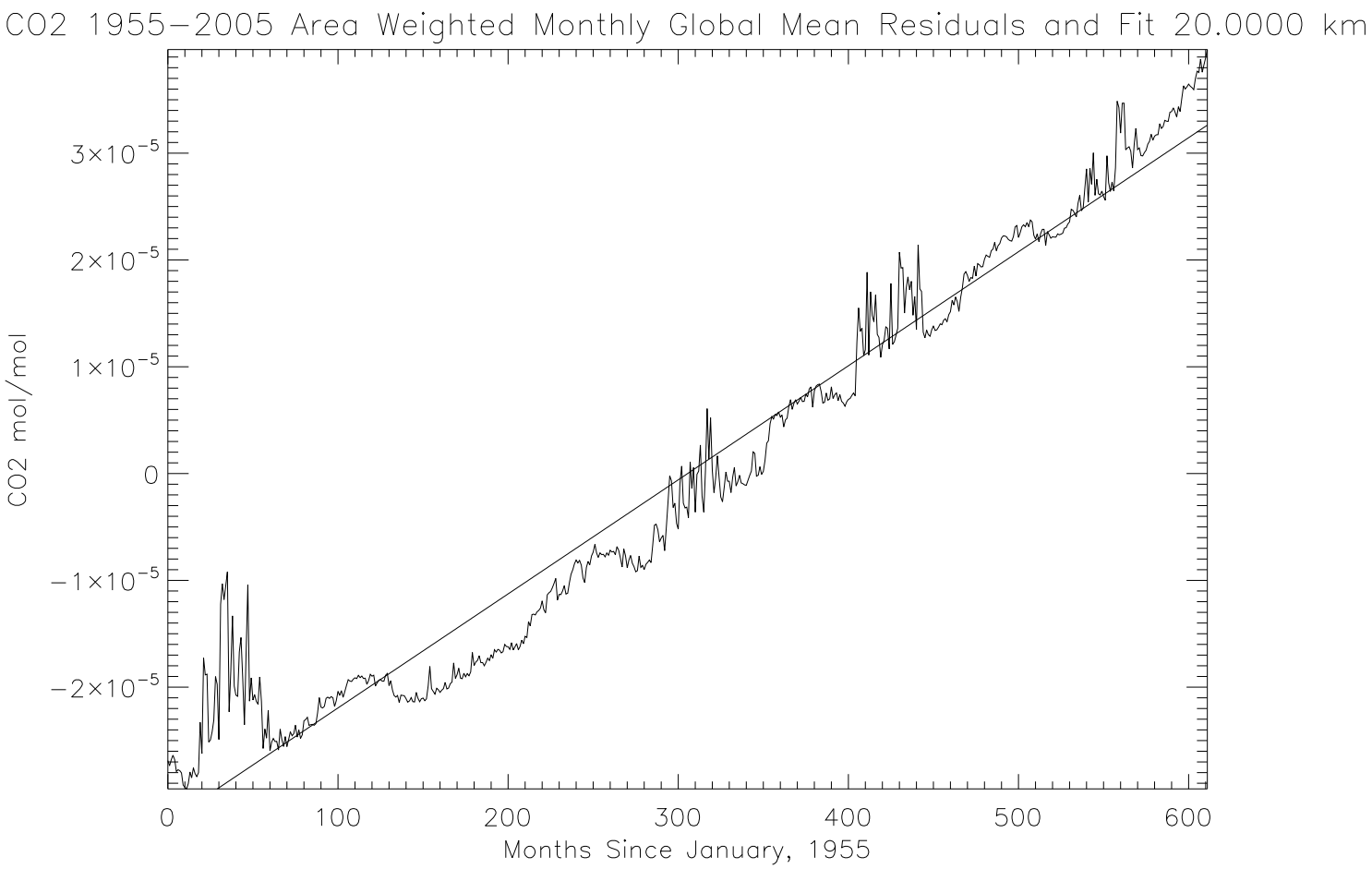

T 1970−2000 Area Weighted Monthly Global Mean Residuals and Fit 30.0000 km
T (K)
2
1
0
−1
−2
−3
0
100
200
300
Months Since January, 1970

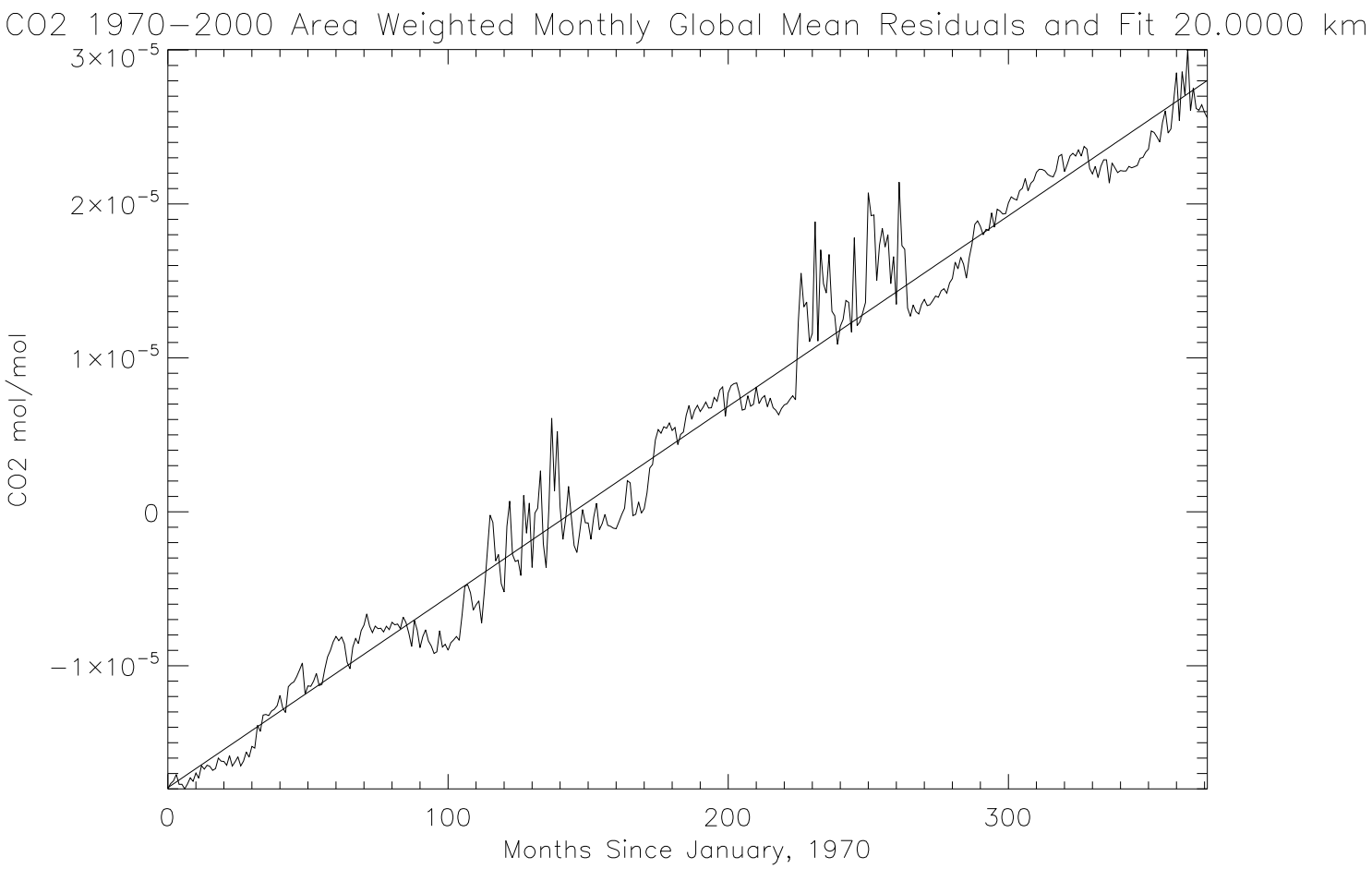

CO2 1955–2005 Area Weighted Monthly Global Mean Residuals and Fit 25.0000 km
3×10⁻⁵
2×10⁻⁵
1×10⁻⁵
0
−1×10⁻⁵
−2×10⁻⁵
CO2 mol/mol
0
100
200
300
400
500
600
Months Since January, 1955

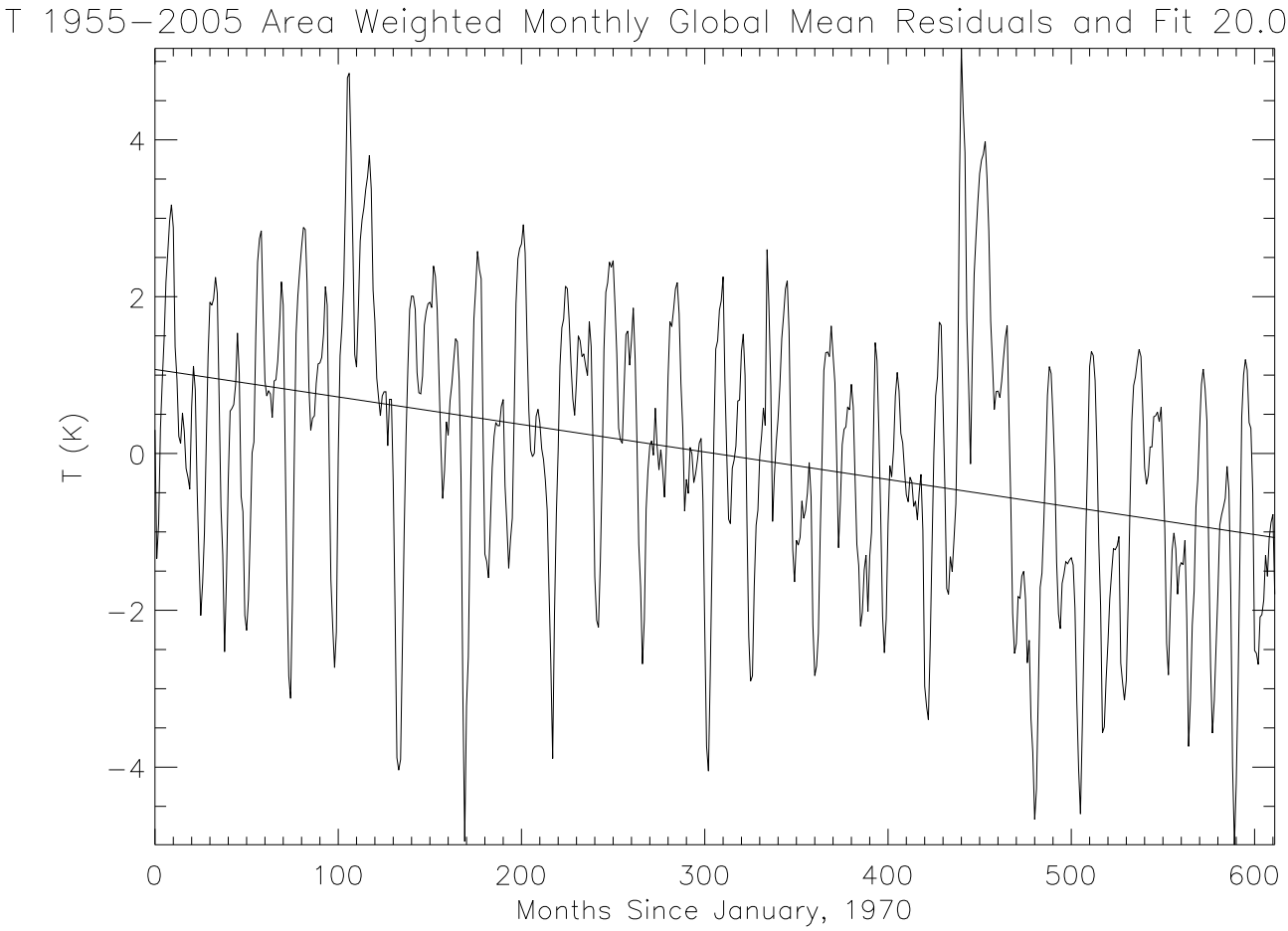

CO2 1970−2000 Area Weighted Monthly Global Mean Residuals and Fit 25.0000 km
2×10−5
1×10−5
0
−1×10−5
CO2 mol/mol
0
100
200
300
Months Since January, 1970

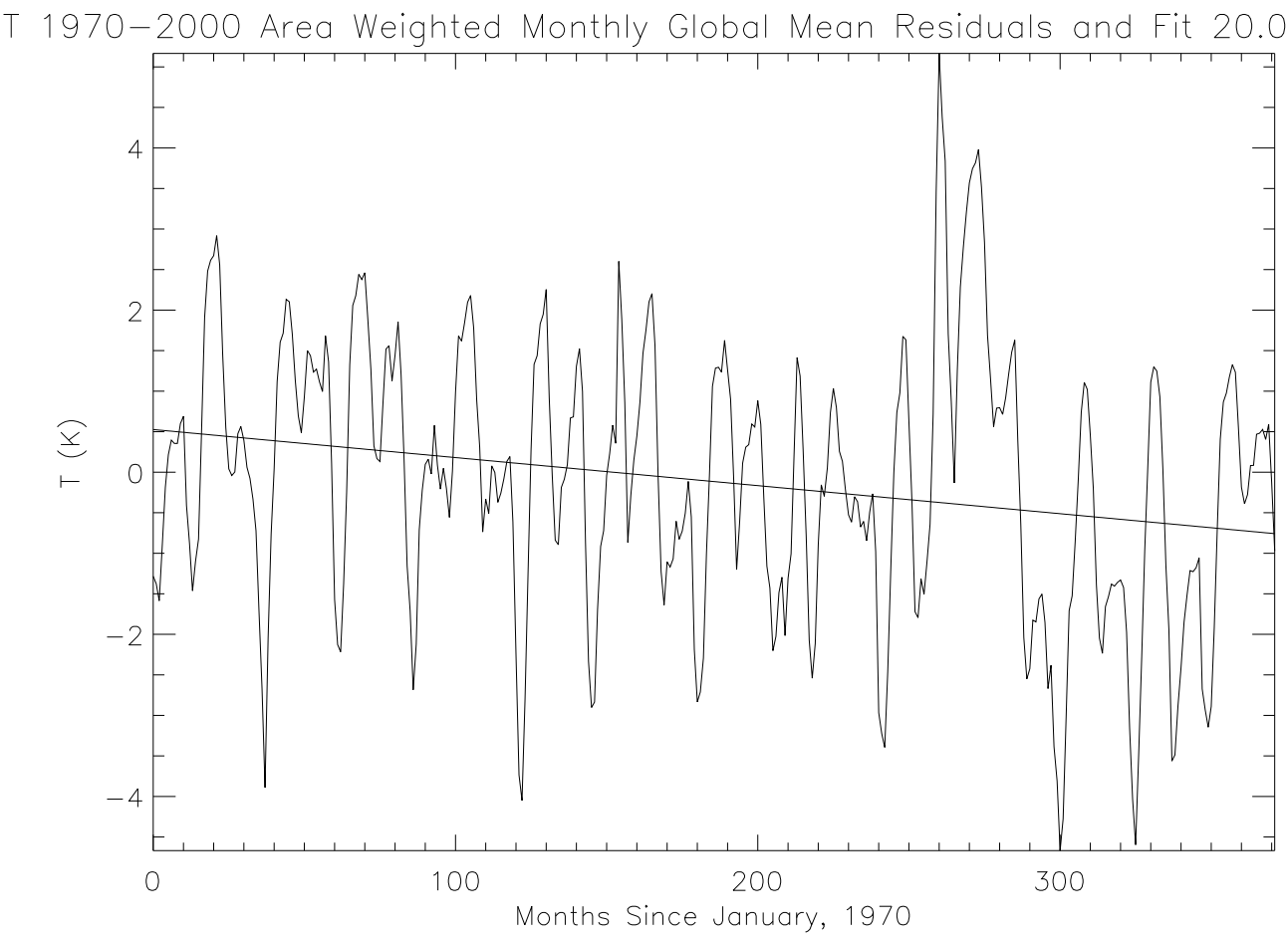

T 1955−2005 Area Weighted Monthly Global Mean Residuals and Fit 25.0000 km
T (K)
4
2
0
−2
0
100
200
300
400
500
600
Months Since January, 1970

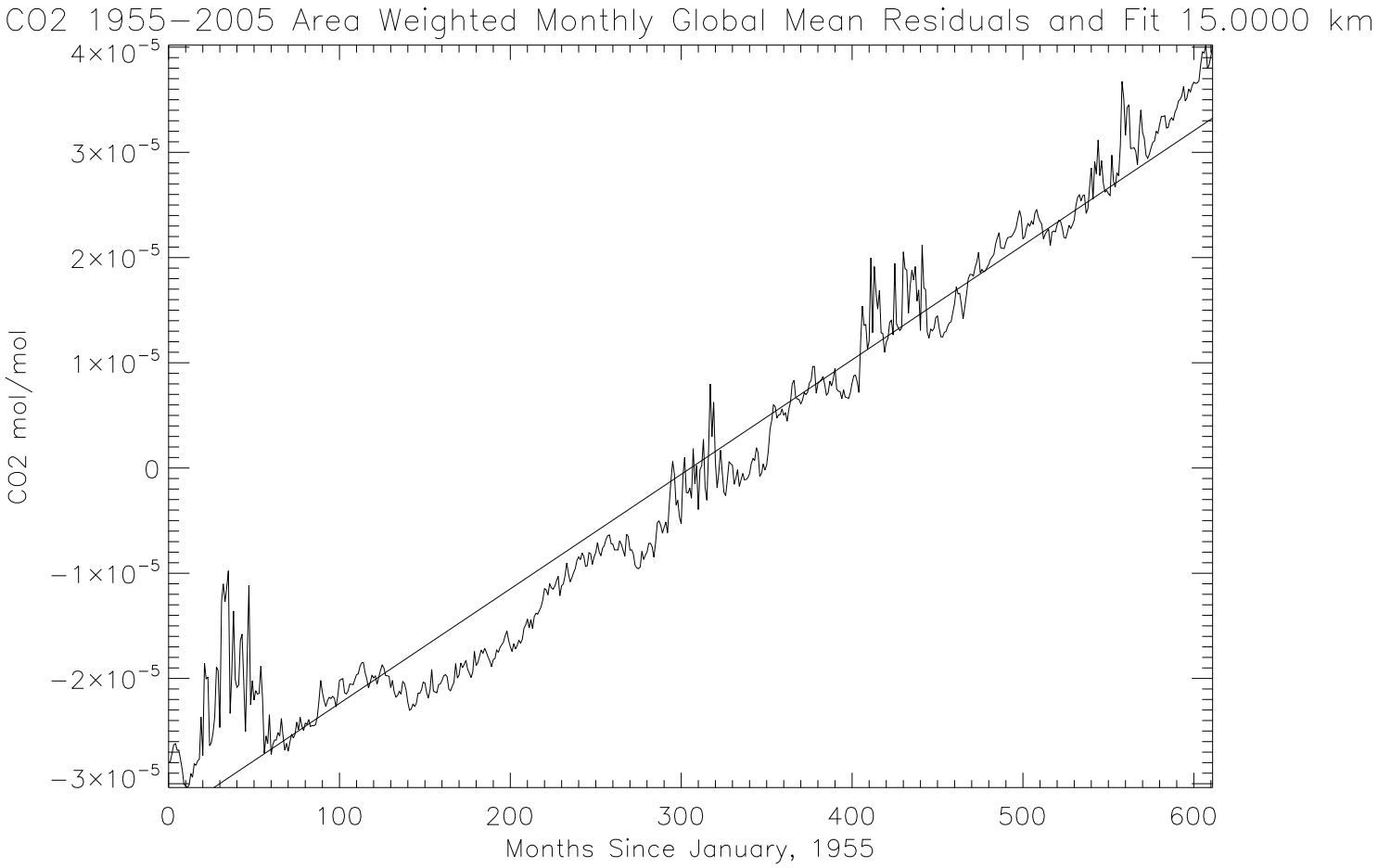

T 1970−2000 Area Weighted Monthly Global Mean Residuals and Fit 25.0000 km
T (K)
2
1
0
−1
−2
−3
0
100
200
300
Months Since January, 1970

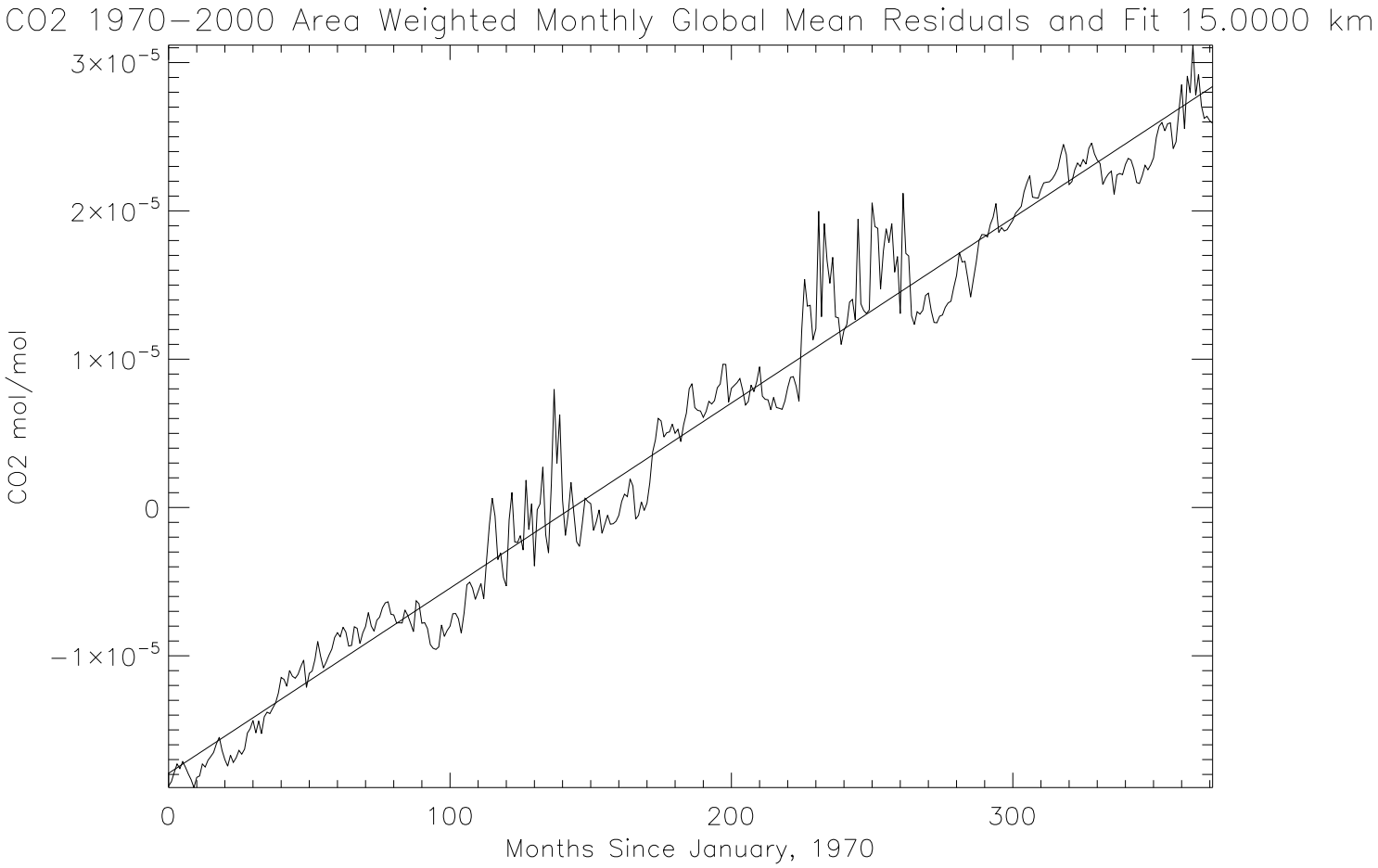

CO2 1955–2005 Area Weighted Monthly Global Mean Residuals and Fit 20.0000 km
3×10⁻⁵
2×10⁻⁵
1×10⁻⁵
0
−1×10⁻⁵
−2×10⁻⁵
CO2 mol/mol
0
100
200
300
400
500
600
Months Since January, 1955

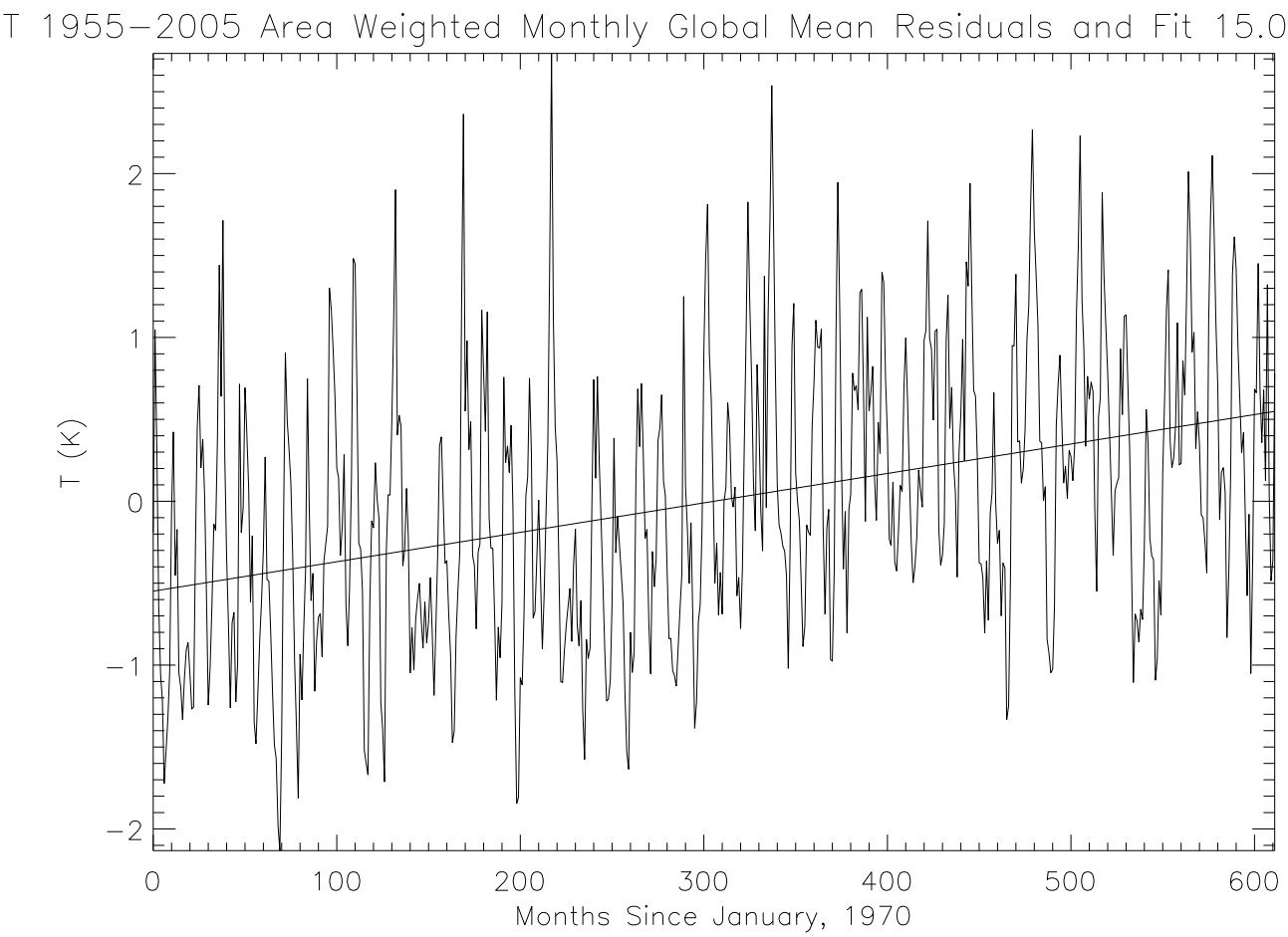

CO2 1970–2000 Area Weighted Monthly Global Mean Residuals and Fit 20.0000 km
3×10⁻⁵
2×10⁻⁵
1×10⁻⁵
0
−1×10⁻⁵
CO2 mol/mol
0
100
200
300
Months Since January, 1970

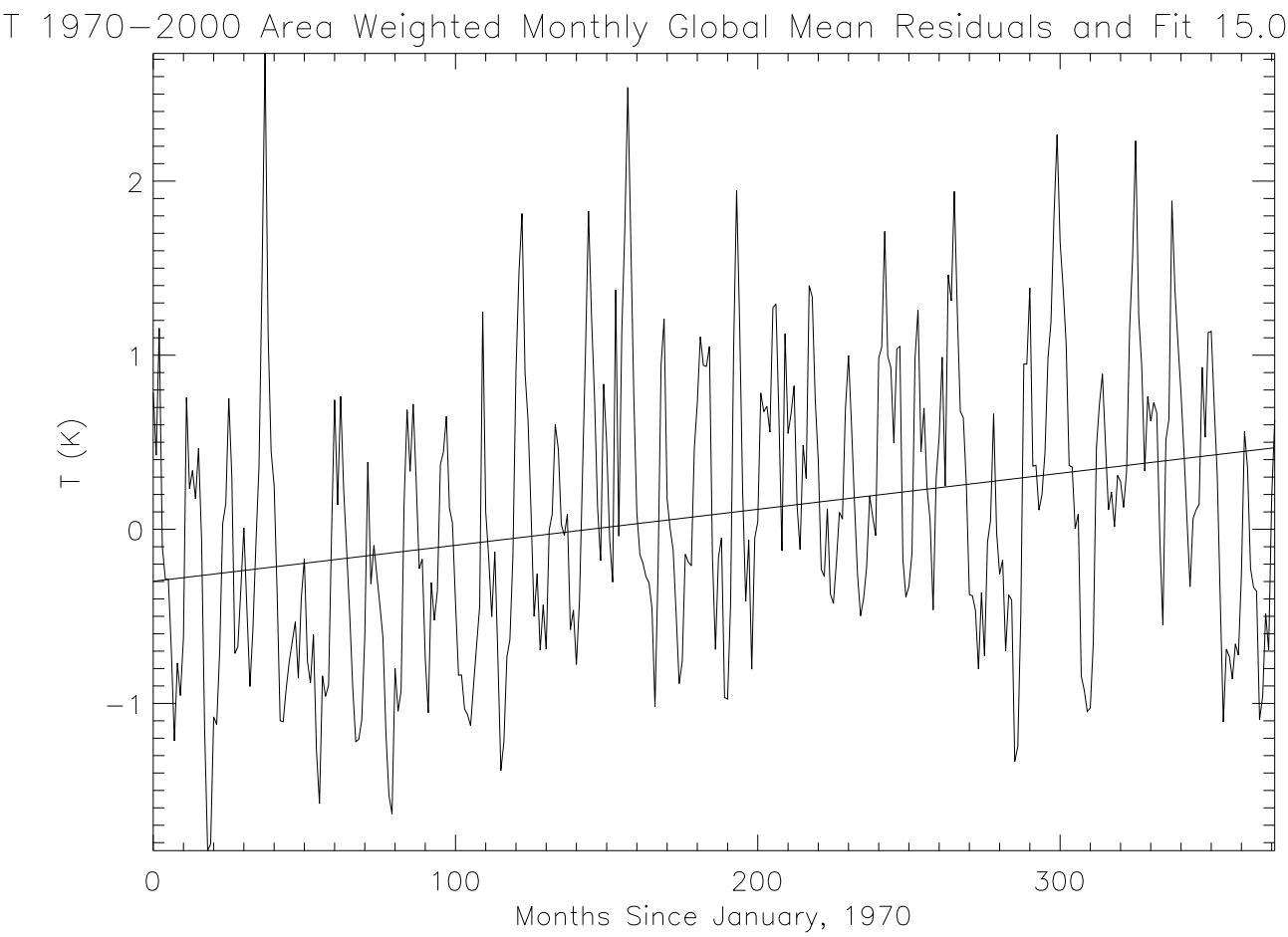

T 1955−2005 Area Weighted Monthly Global Mean Residuals and Fit 20.0000 km
T (K)
4
2
0
−2
−4
0
100
200
300
400
500
600
Months Since January, 1970

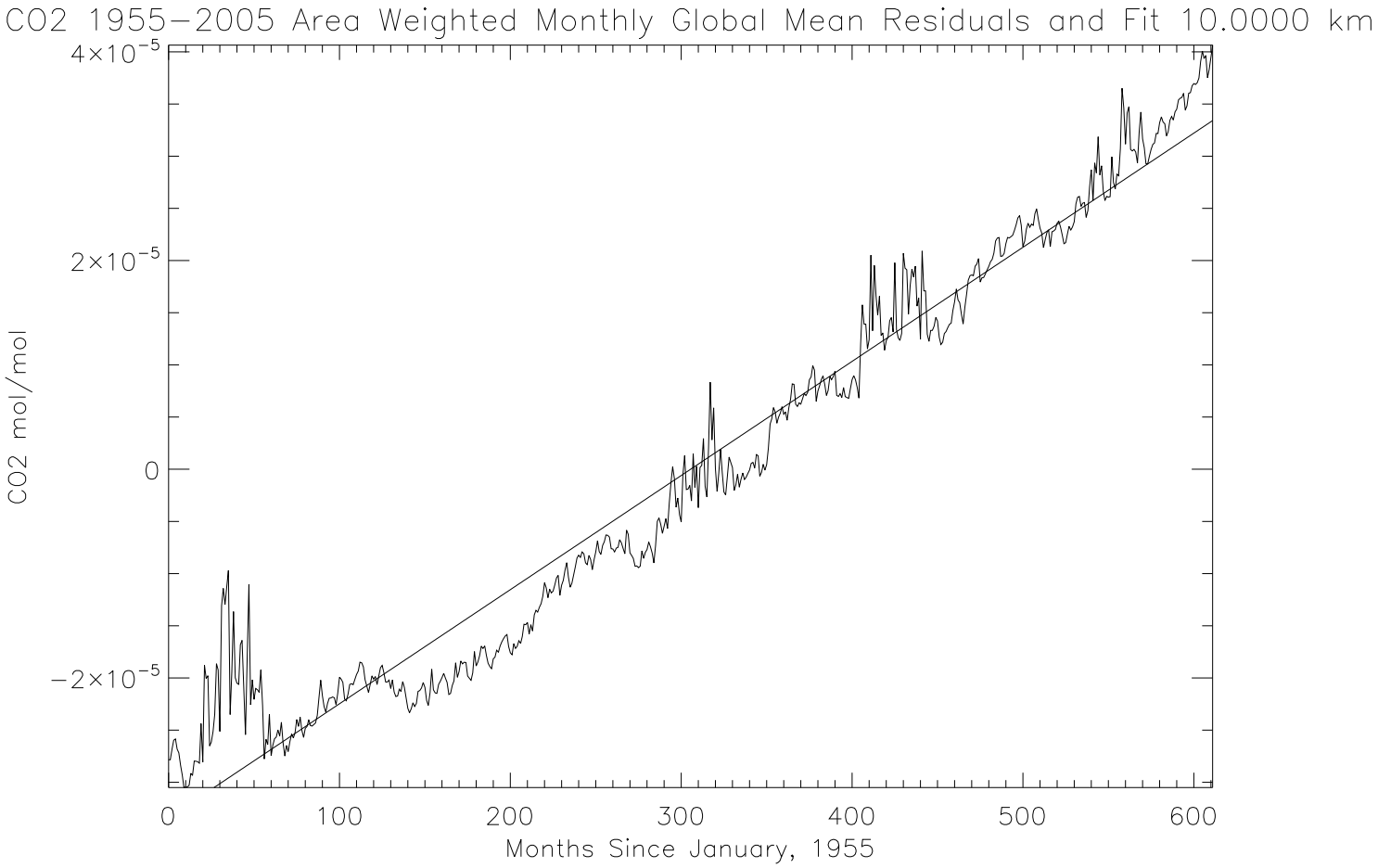

T 1970−2000 Area Weighted Monthly Global Mean Residuals and Fit 20.0000 km
T (K)
4
2
0
−2
−4
0
100
200
300
Months Since January, 1970

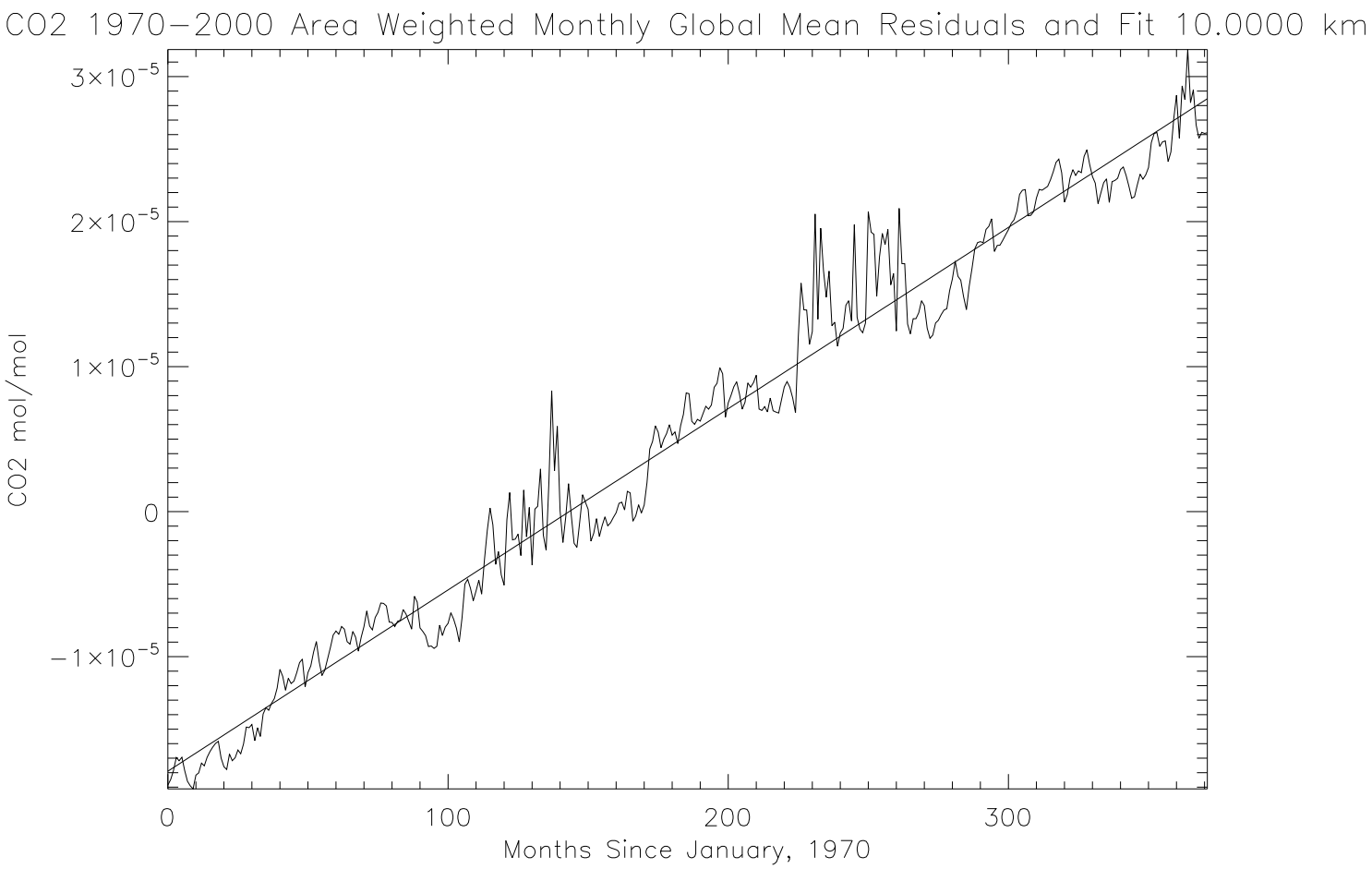

CO2 1955–2005 Area Weighted Monthly Global Mean Residuals and Fit 15.0000 km
CO2 mol/mol
4×10⁻⁵
3×10⁻⁵
2×10⁻⁵
1×10⁻⁵
0
−1×10⁻⁵
−2×10⁻⁵
−3×10⁻⁵
0
100
200
300
400
500
600
Months Since January, 1955

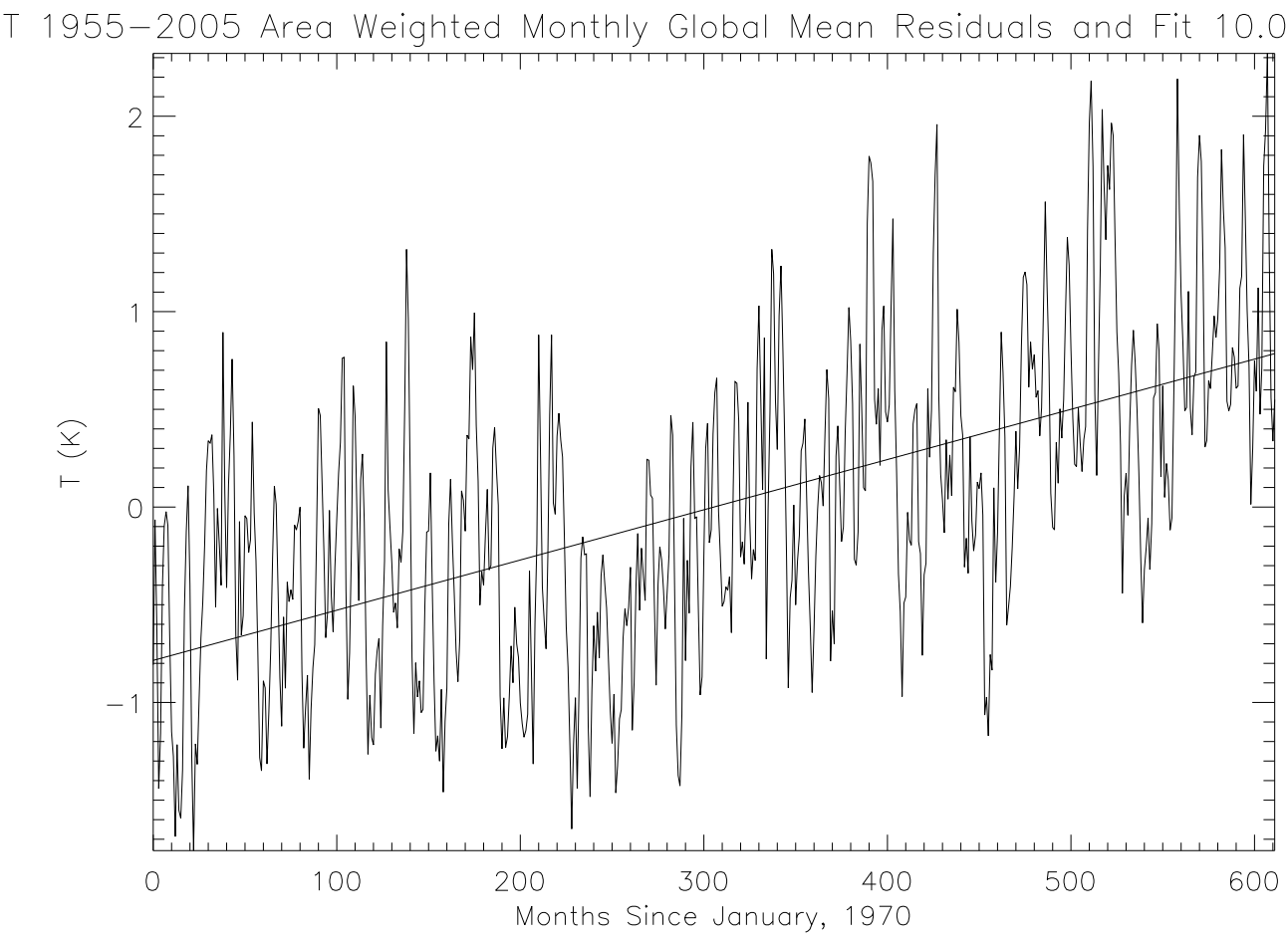

CO2 1970–2000 Area Weighted Monthly Global Mean Residuals and Fit 15.0000 km
3×10⁻⁵
2×10⁻⁵
1×10⁻⁵
0
−1×10⁻⁵
CO2 mol/mol
0
100
200
300
Months Since January, 1970

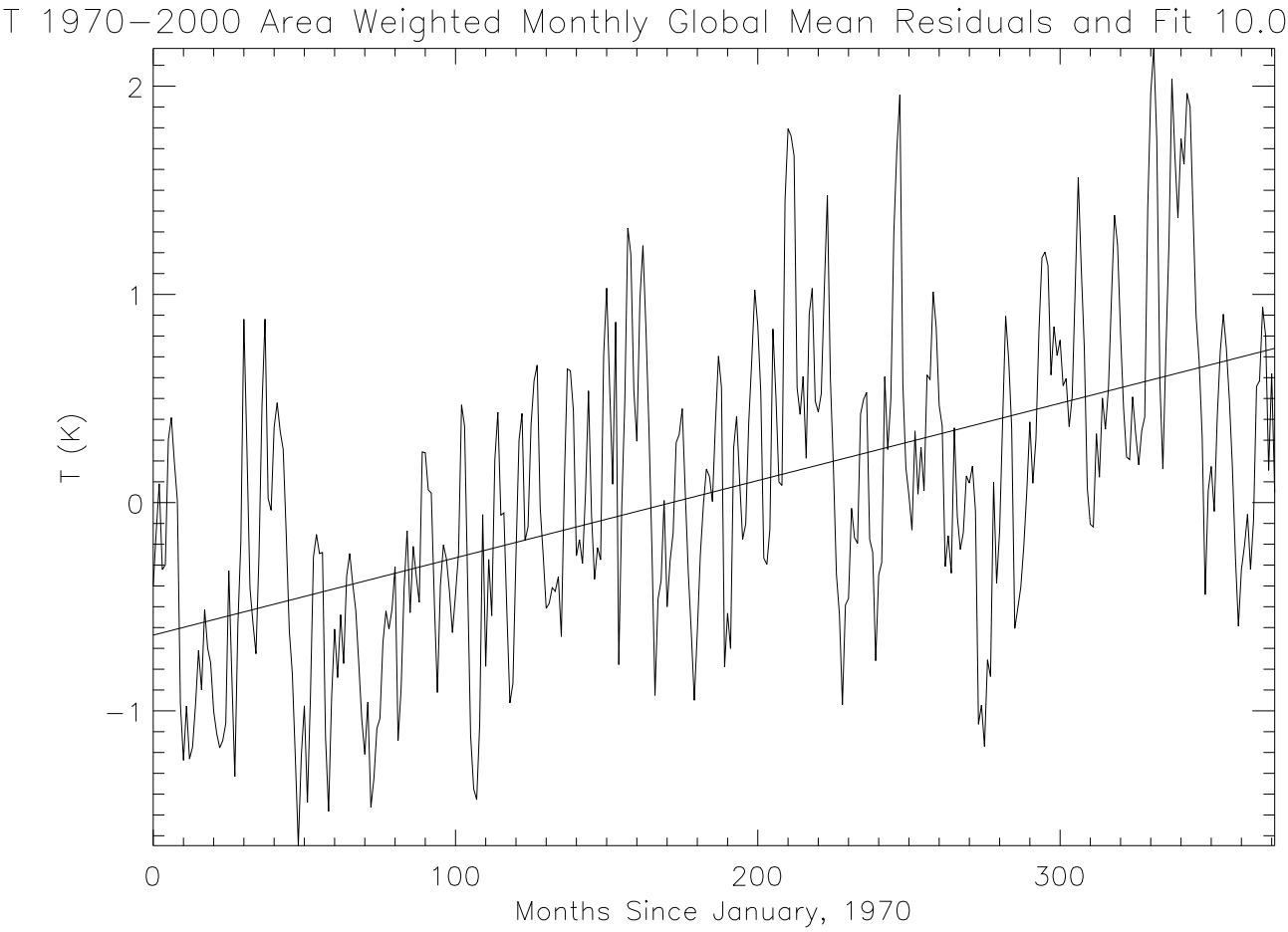

T 1955−2005 Area Weighted Monthly Global Mean Residuals and Fit 15.0000 km
T (K)
2
1
0
−1
−2
0
100
200
300
400
500
600
Months Since January, 1970

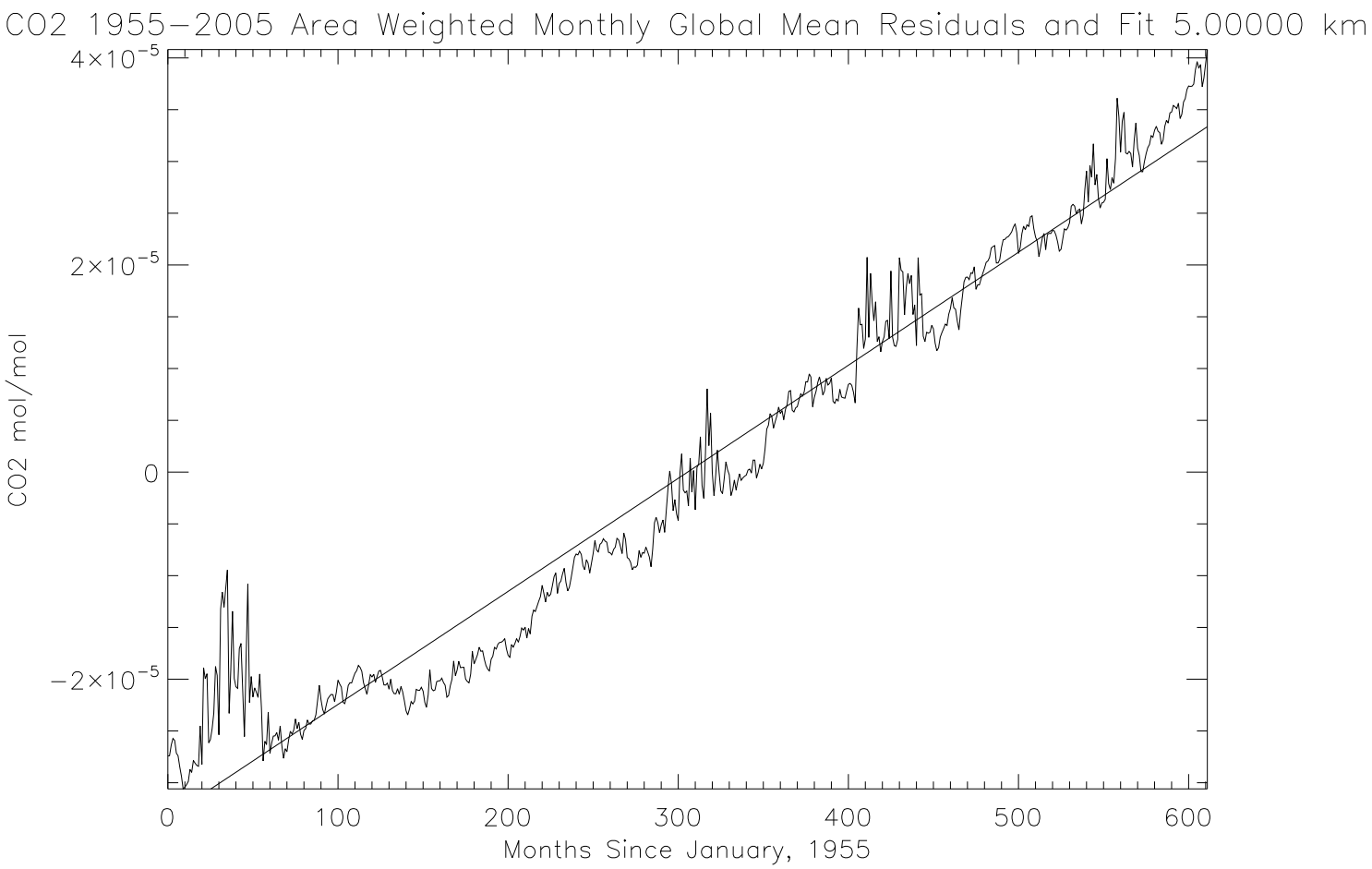

T 1970−2000 Area Weighted Monthly Global Mean Residuals and Fit 15.0000 km
T (K)
2
1
0
−1
0
100
200
300
Months Since January, 1970

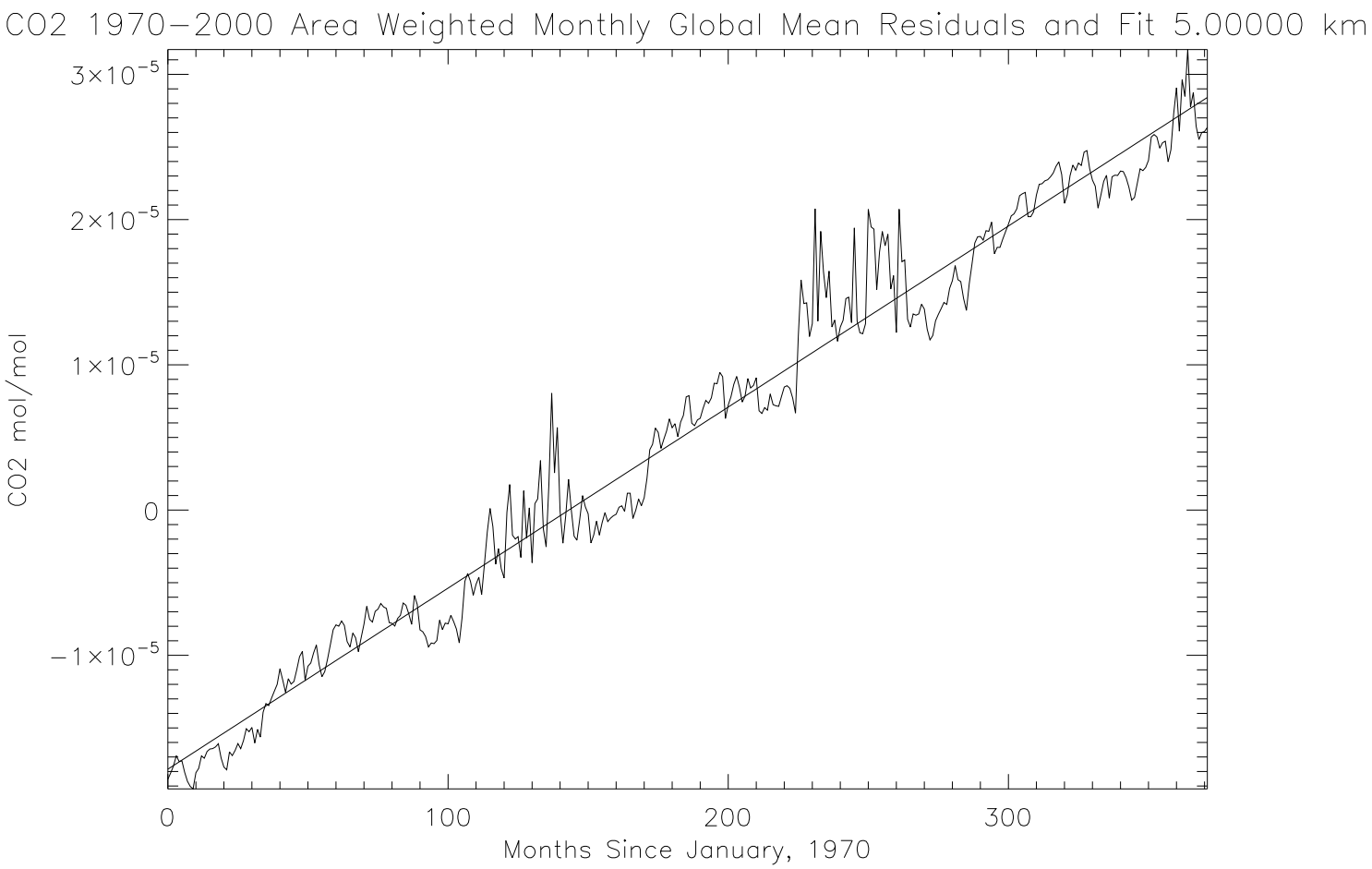

CO2 1955–2005 Area Weighted Monthly Global Mean Residuals and Fit 10.0000 km
4×10⁻⁵
2×10⁻⁵
0
−2×10⁻⁵
CO2 mol/mol
0
100
200
300
400
500
600
Months Since January, 1955

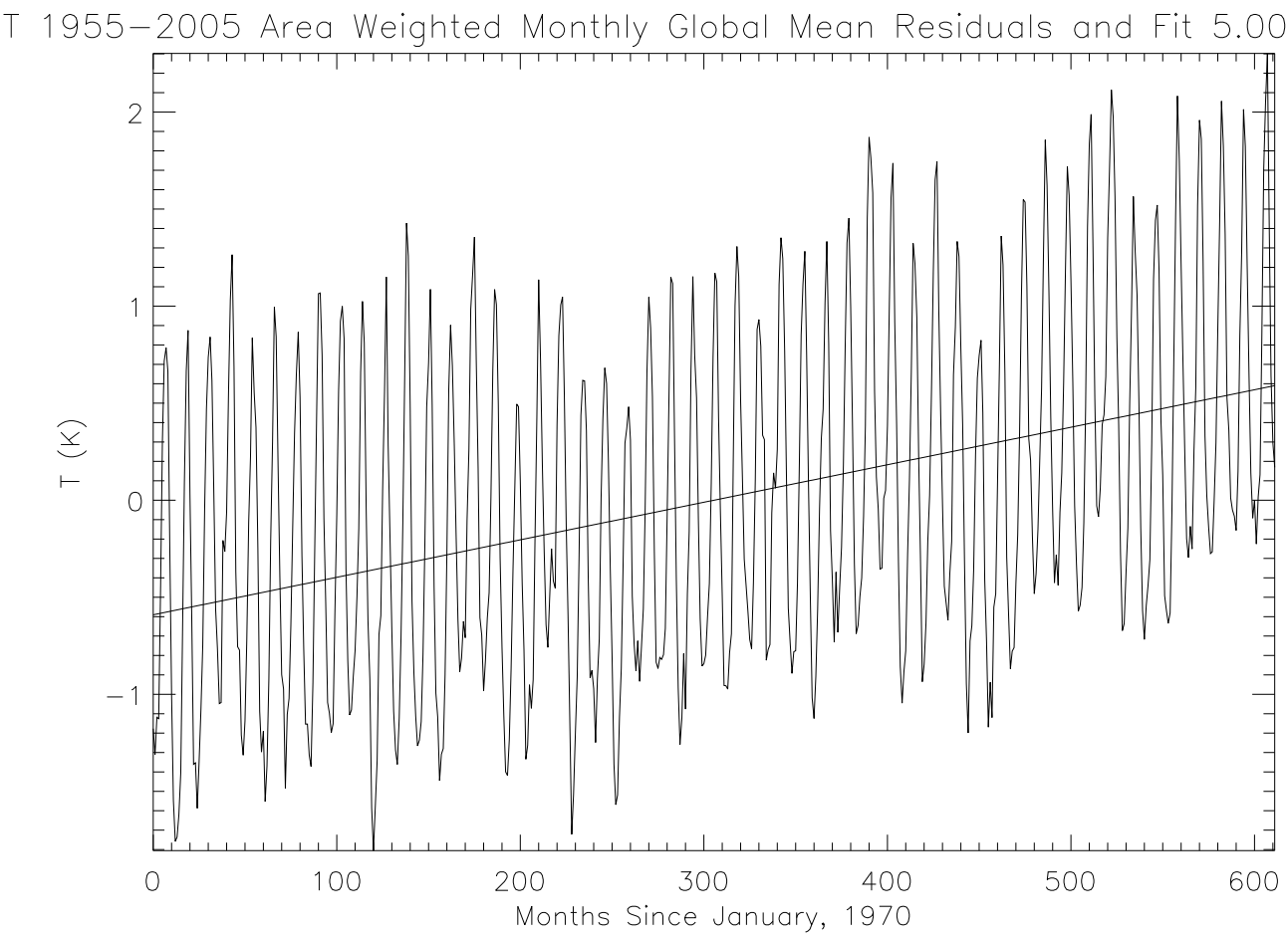

CO2 1970–2000 Area Weighted Monthly Global Mean Residuals and Fit 10.0000 km
3×10⁻⁵
2×10⁻⁵
1×10⁻⁵
0
−1×10⁻⁵
CO2 mol/mol
0
100
200
300
Months Since January, 1970

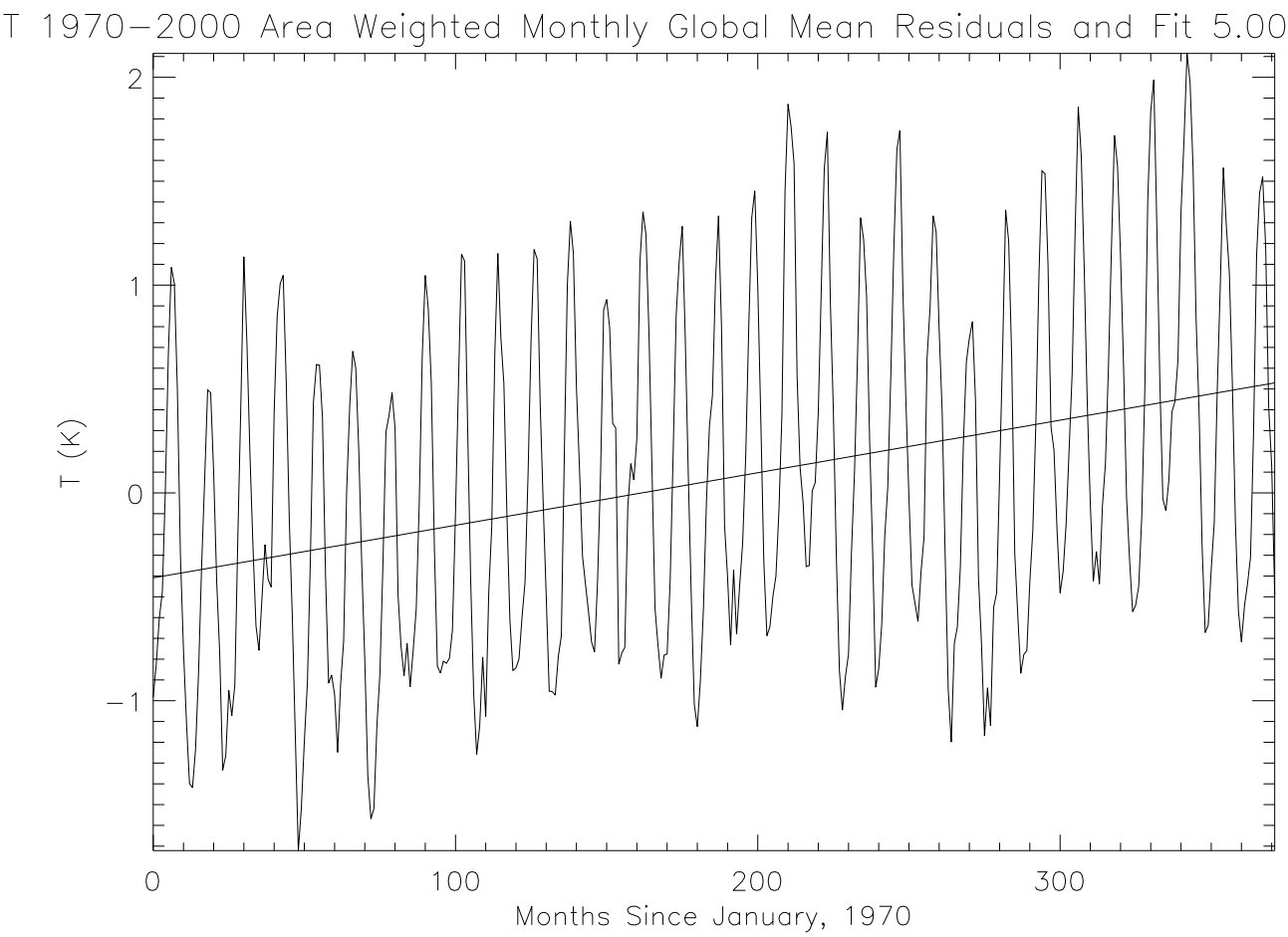

T 1955–2005 Area Weighted Monthly Global Mean Residuals and Fit 10.0000 km
T (K)
2
1
0
−1
0
100
200
300
400
500
600
Months Since January, 1970

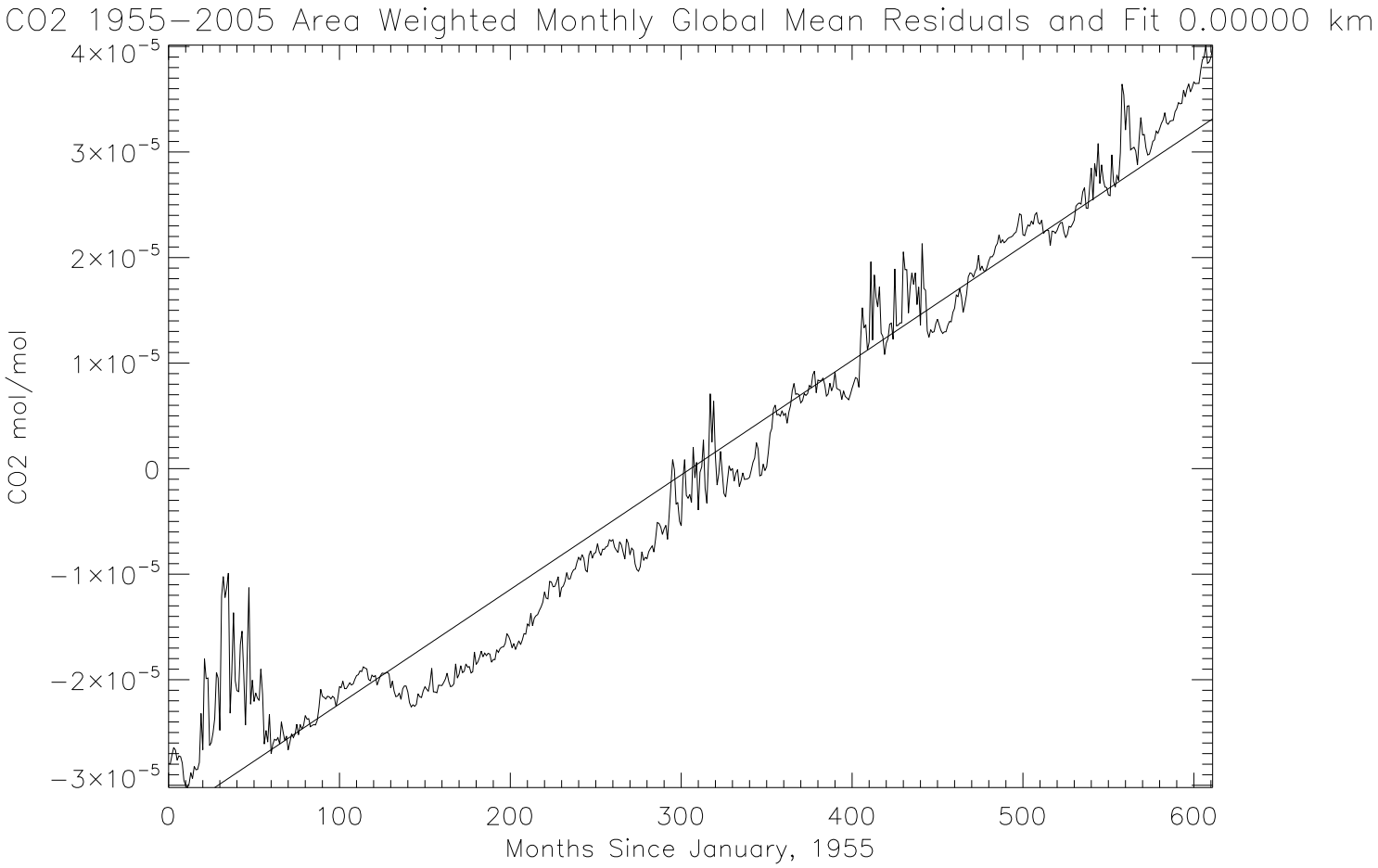

T 1970−2000 Area Weighted Monthly Global Mean Residuals and Fit 10.0000 km
T (K)
2
1
0
−1
0
100
200
300
Months Since January, 1970

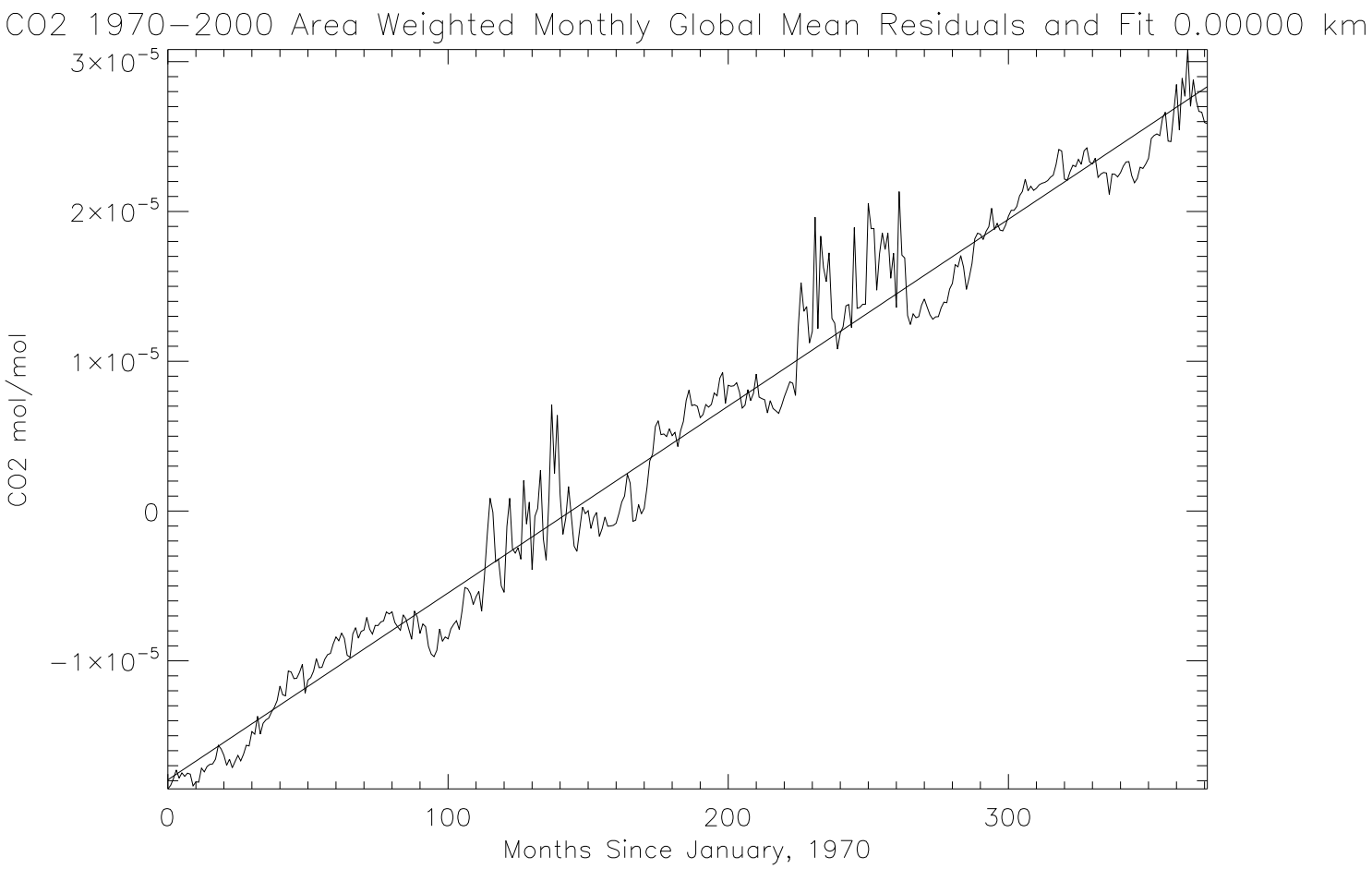

CO2 1955−2005 Area Weighted Monthly Global Mean Residuals and Fit 5.00000 km
4×10−5
2×10−5
0
−2×10−5
CO2 mol/mol
0
100
200
300
400
500
600
Months Since January, 1955

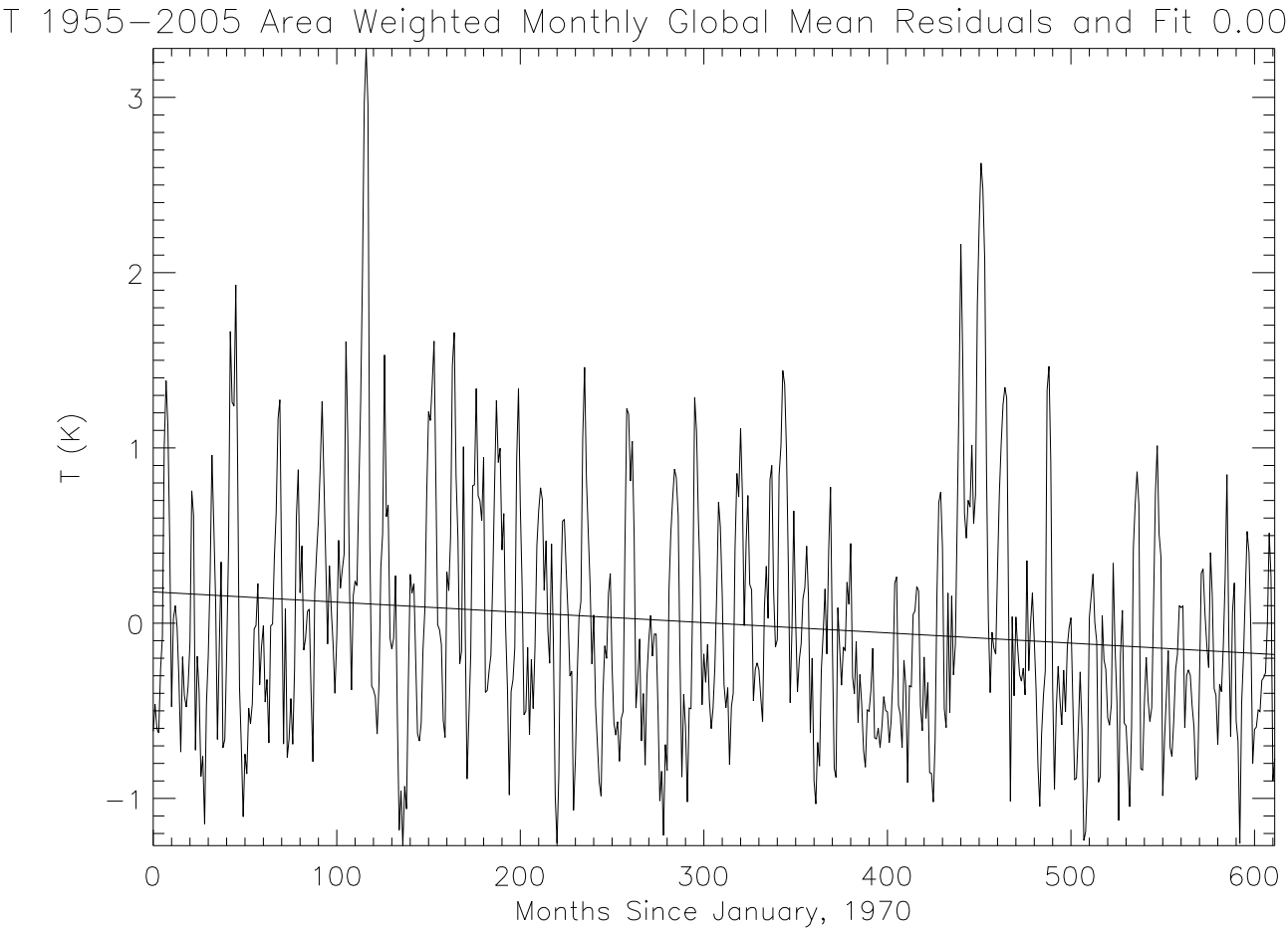

CO2 1970−2000 Area Weighted Monthly Global Mean Residuals and Fit 5.00000 km
3×10−5
2×10−5
1×10−5
0
−1×10−5
CO2 mol/mol
0
100
200
300
Months Since January, 1970

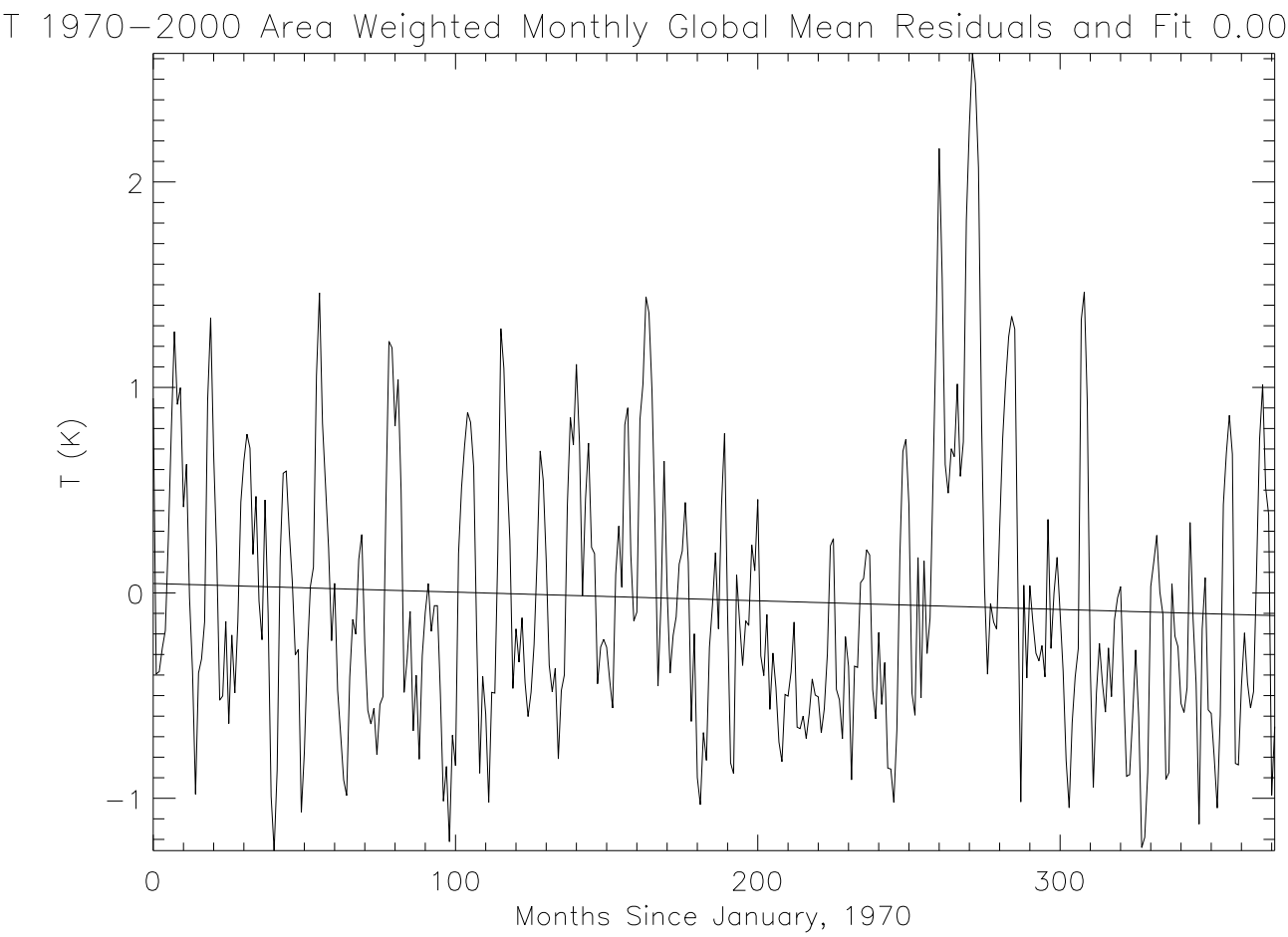

T 1955–2005 Area Weighted Monthly Global Mean Residuals and Fit 5.00000 km
T (K)
2
1
0
−1
0
100
200
300
400
500
600
Months Since January, 1970


T 1970−2000 Area Weighted Monthly Global Mean Residuals and Fit 5.00000 km
T (K)
2
1
0
−1
0
100
200
300
Months Since January, 1970


CO2 1955–2005 Area Weighted Monthly Global Mean Residuals and Fit 0.00000 km
4×10⁻⁵
3×10⁻⁵
2×10⁻⁵
1×10⁻⁵
0
−1×10⁻⁵
−2×10⁻⁵
−3×10⁻⁵
CO2 mol/mol
0
100
200
300
400
500
600
Months Since January, 1955


CO2 1970−2000 Area Weighted Monthly Global Mean Residuals and Fit 0.00000 km
3×10−5
2×10−5
1×10−5
0
−1×10−5
CO2 mol/mol
0
100
200
300
Months Since January, 1970


T 1955−2005 Area Weighted Monthly Global Mean Residuals and Fit 0.00000 km
T (K)
3
2
1
0
−1
0
100
200
300
400
500
600
Months Since January, 1970


T 1970−2000 Area Weighted Monthly Global Mean Residuals and Fit 0.00000 km
T (K)
2
1
0
−1
0
100
200
300
Months Since January, 1970