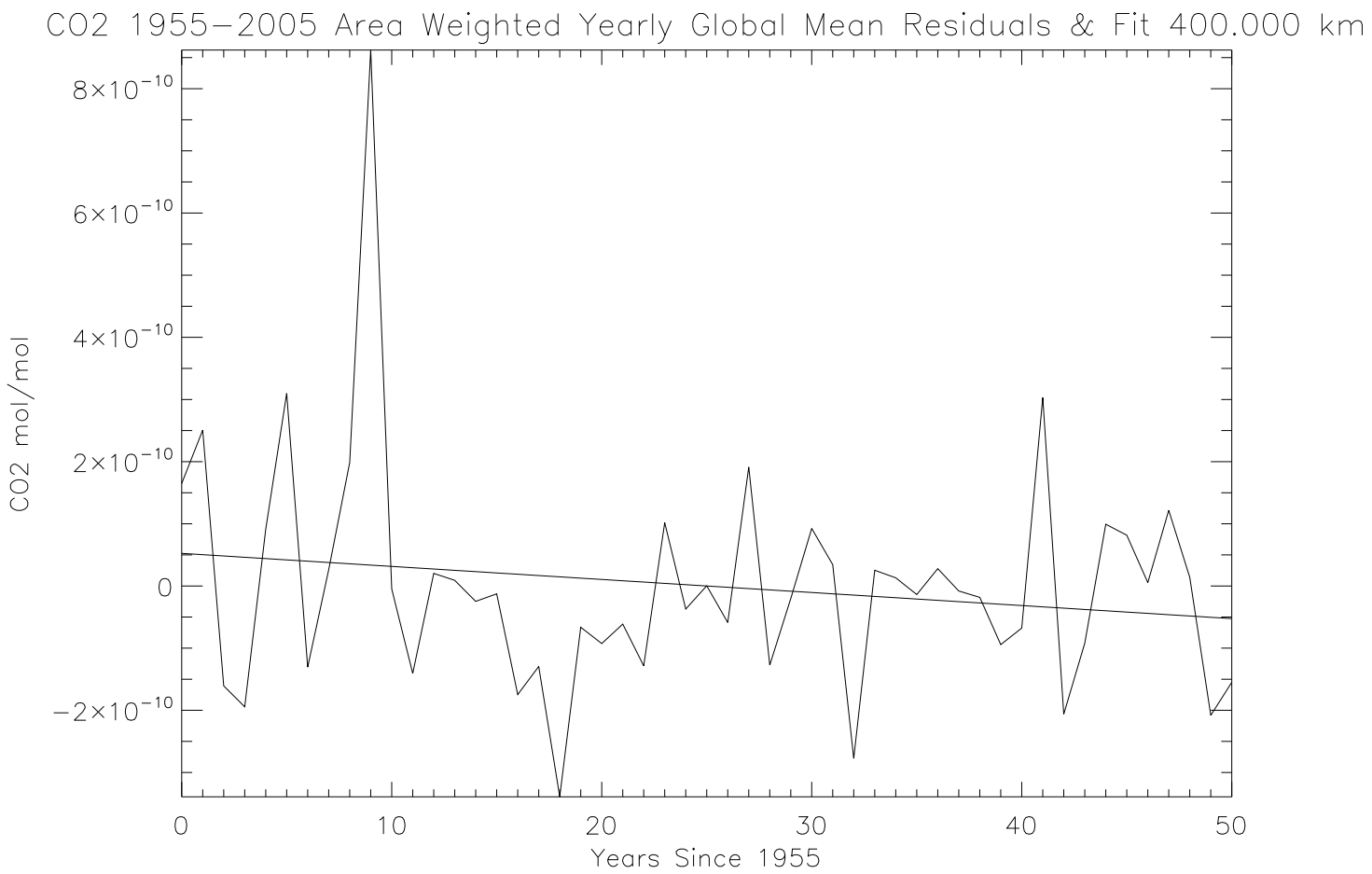
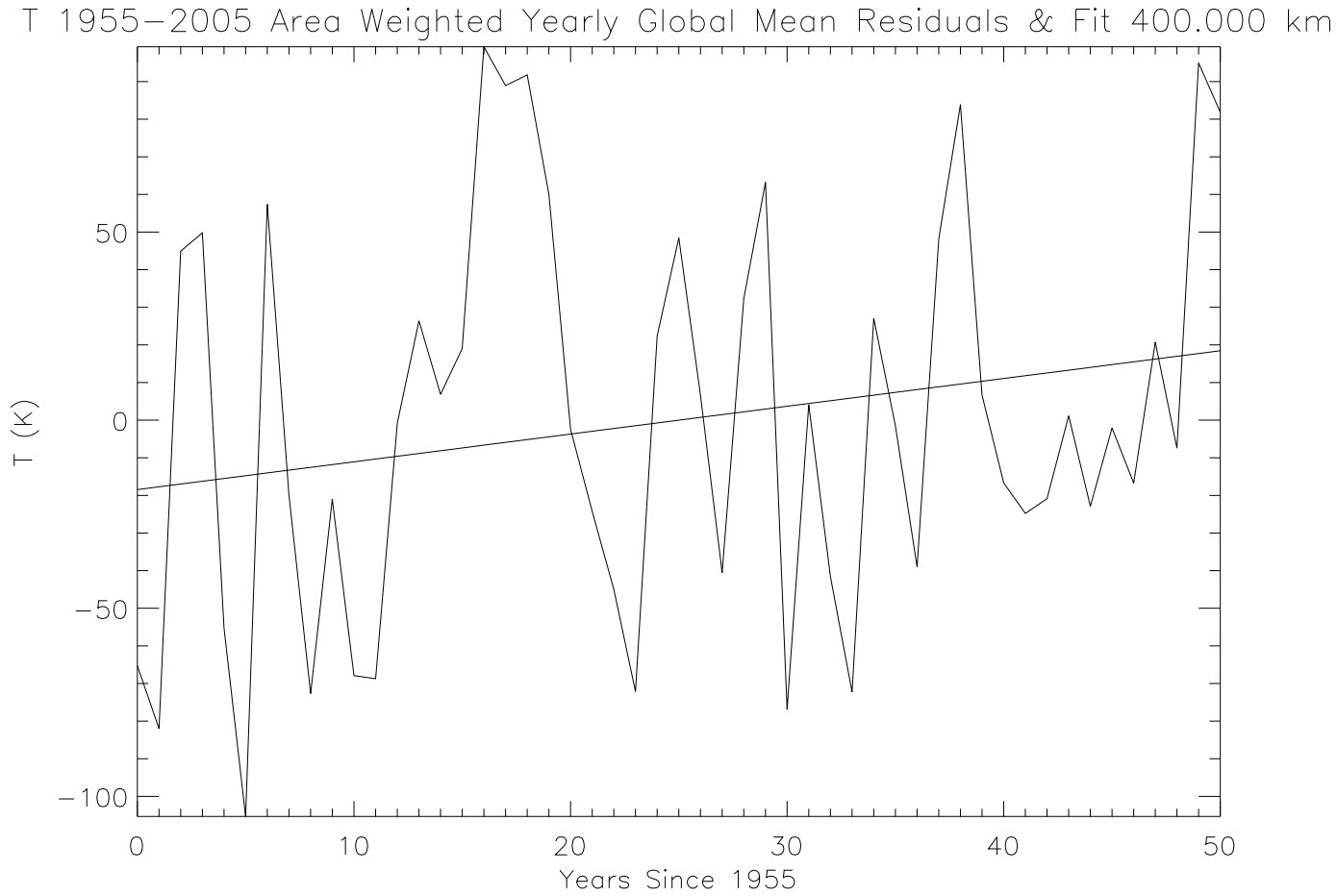
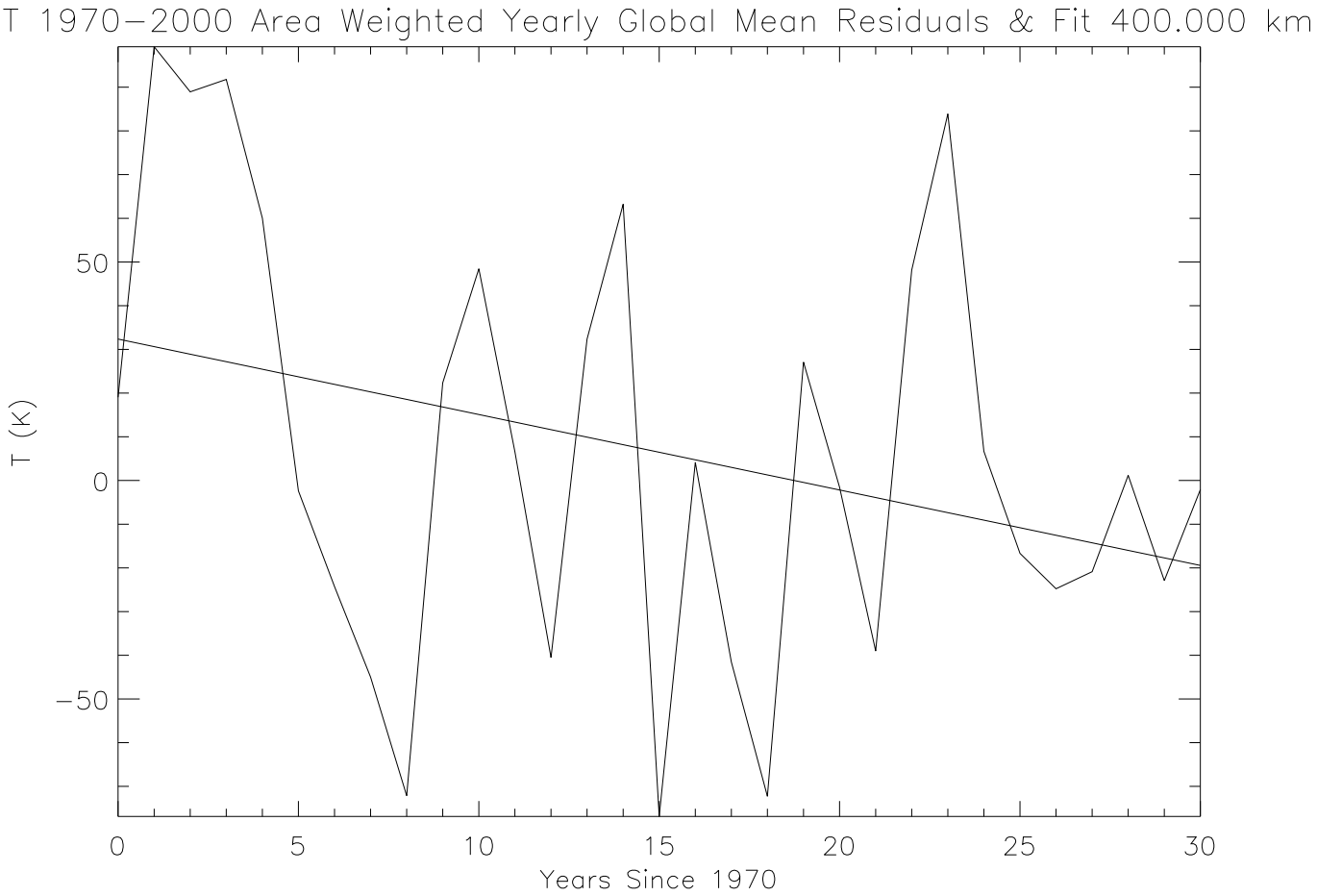
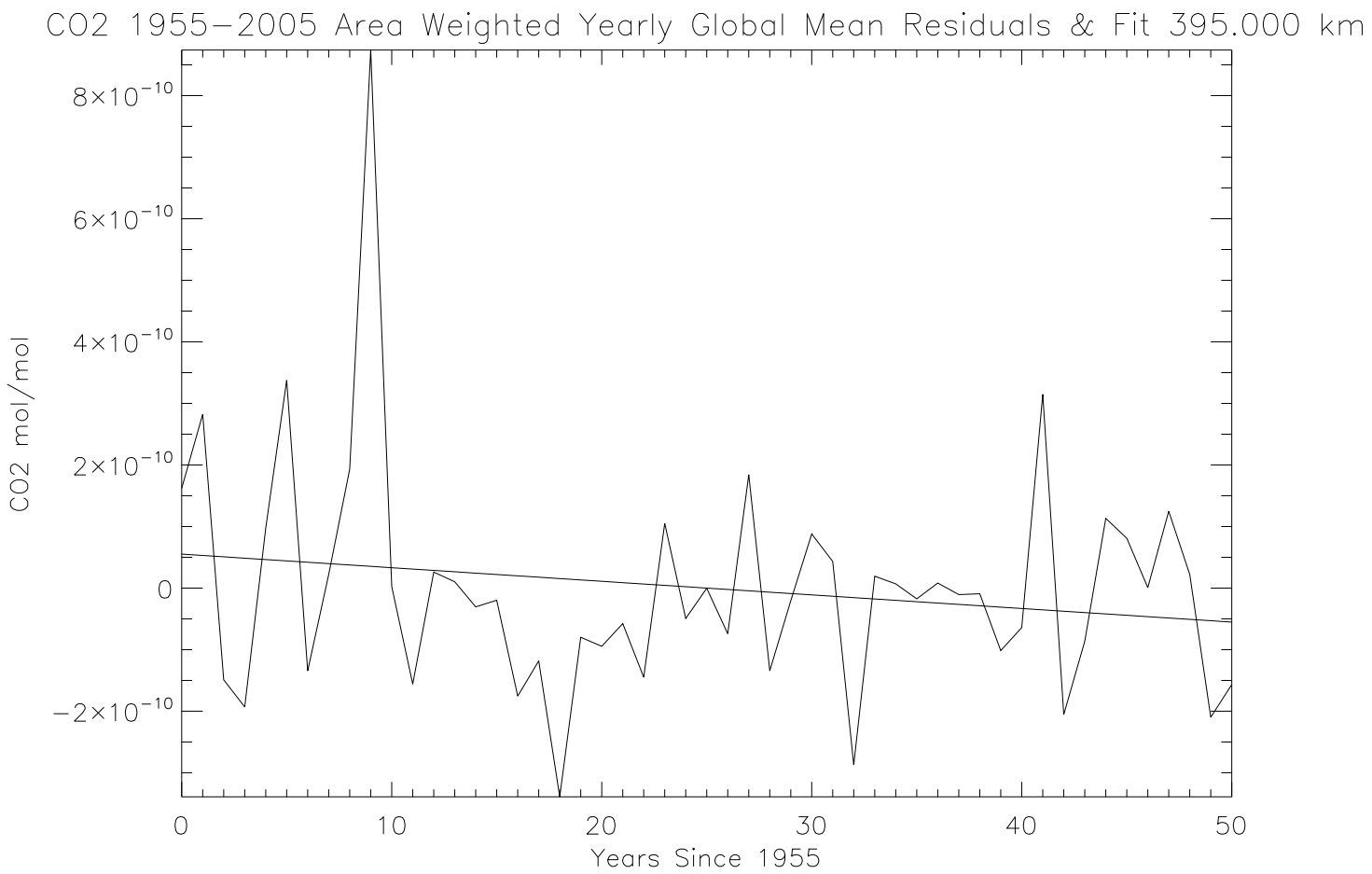
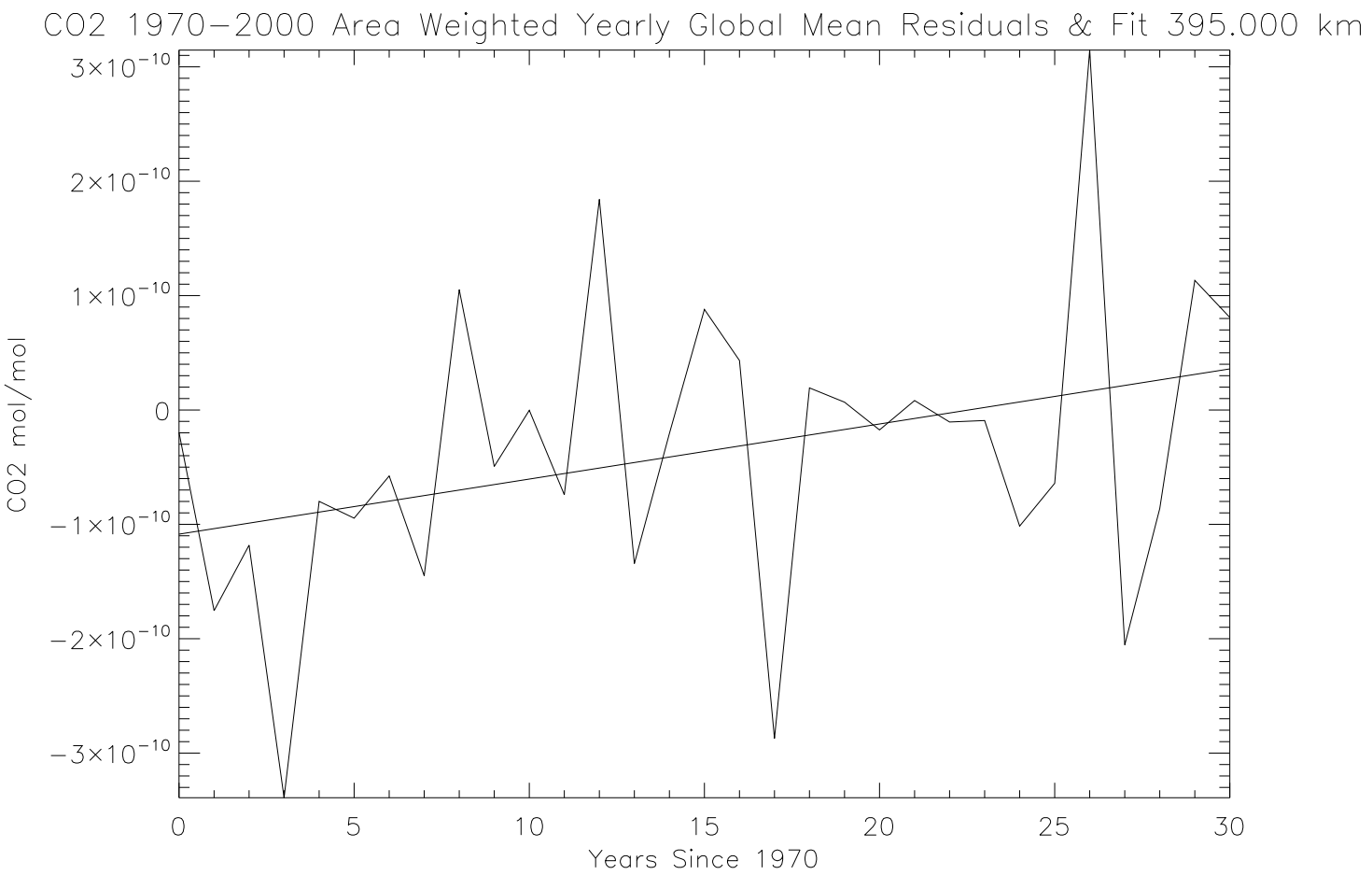

CO2 1955–2005 Area Weighted Yearly Global Mean Residuals & Fit 400.000 km
8×10⁻¹⁰
6×10⁻¹⁰
4×10⁻¹⁰
2×10⁻¹⁰
0
−2×10⁻¹⁰
CO2 mol/mol
0
10
20
30
40
50
Years Since 1955

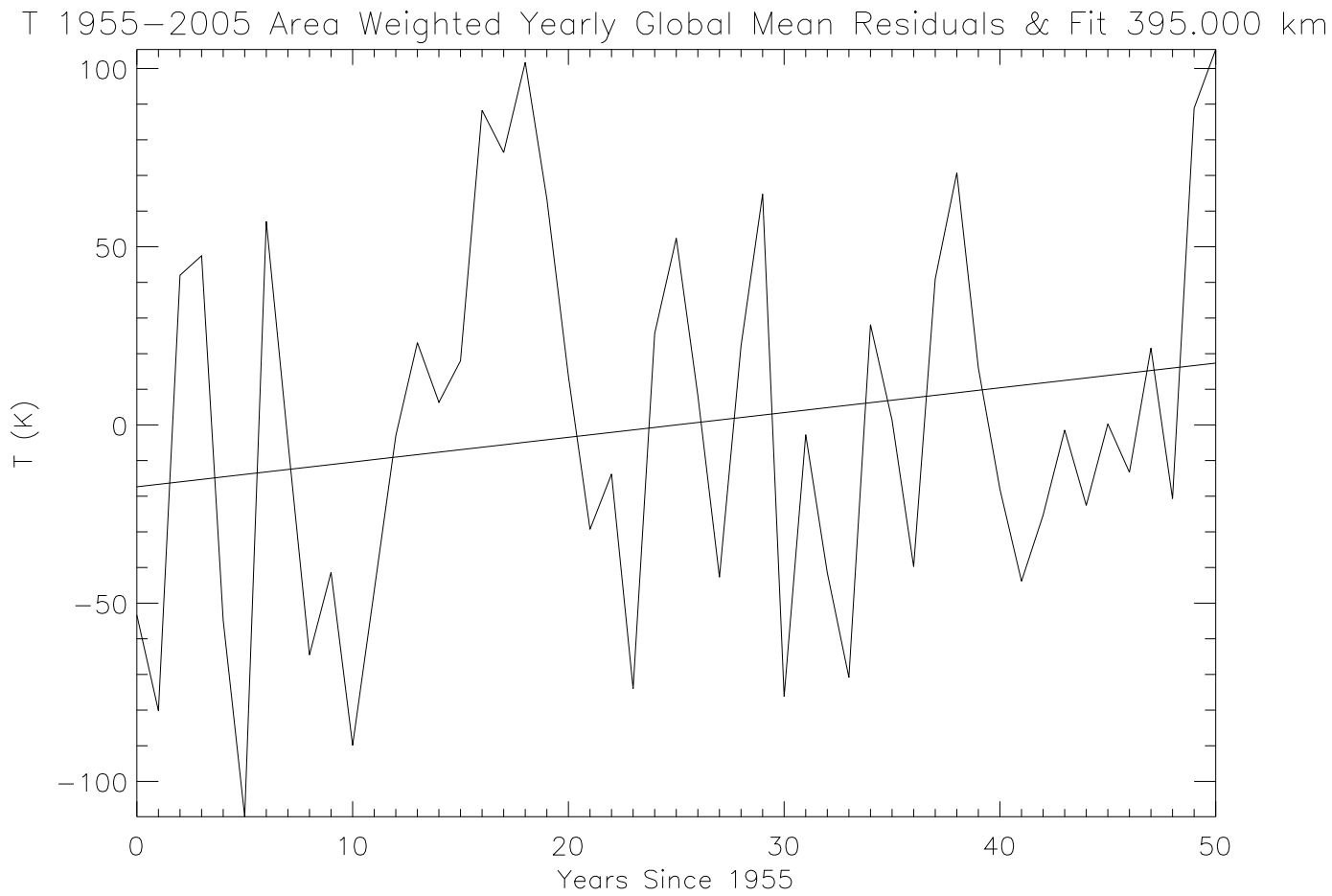
CO2 1970−2000 Area Weighted Yearly Global Mean Residuals & Fit 400.000 km
3×10−10
2×10−10
1×10−10
0
−1×10−10
−2×10−10
−3×10−10
CO2 mol/mol
0
5
10
15
20
25
30
Years Since 1970

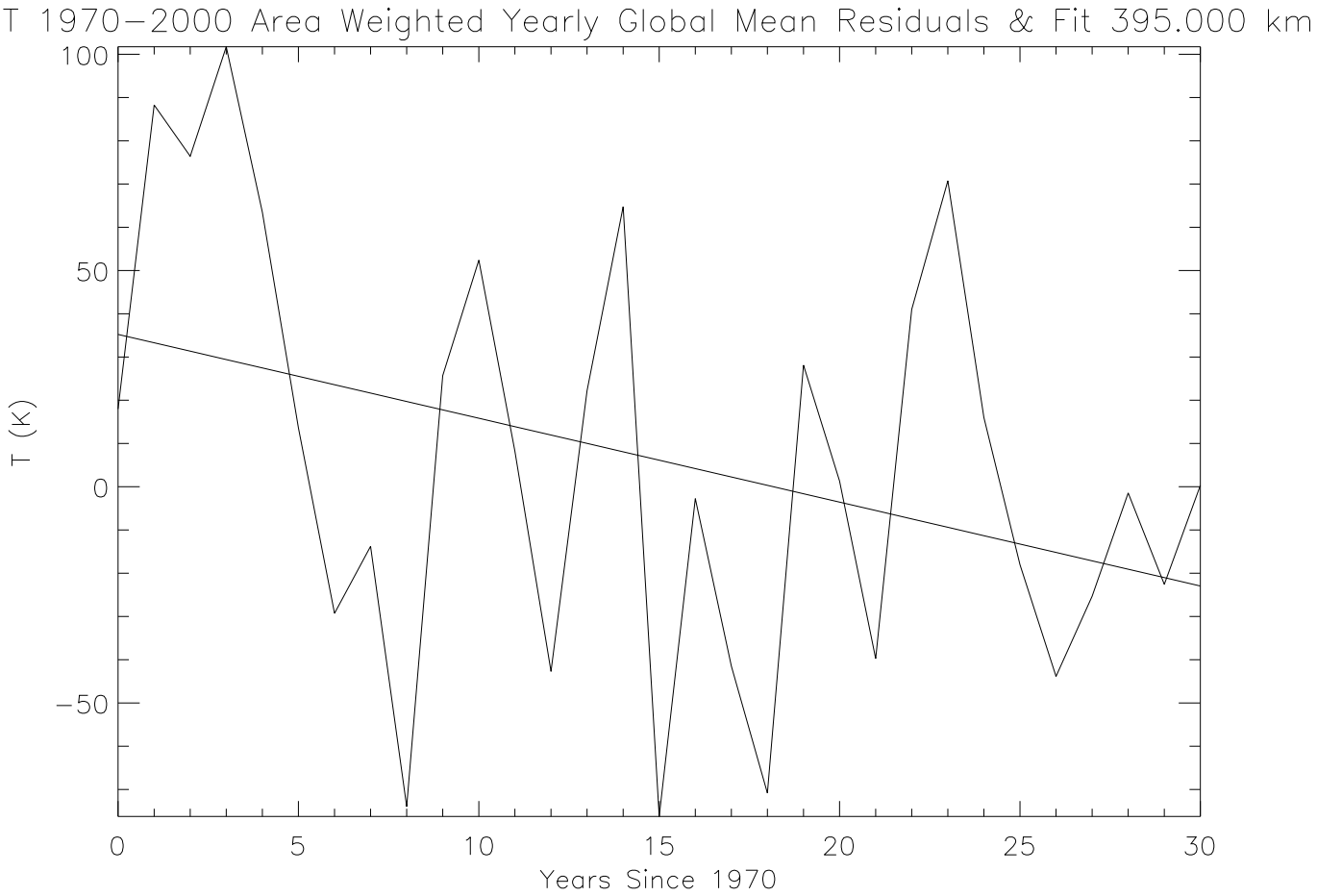

T 1955−2005 Area Weighted Yearly Global Mean Residuals & Fit 400.000 km
T (K)
50
0
−50
−100
0
10
20
30
40
50
Years Since 1955

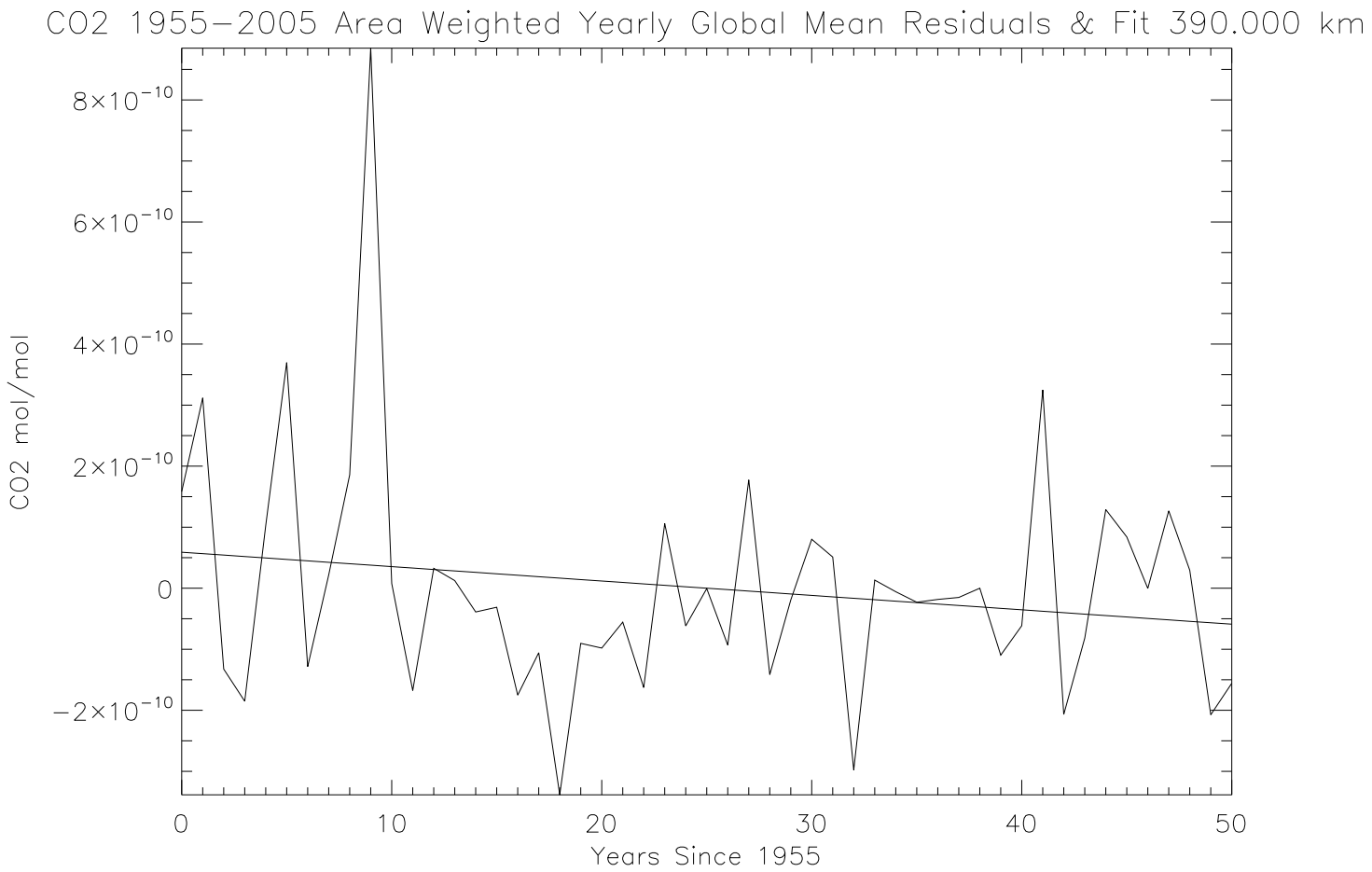

T 1970−2000 Area Weighted Yearly Global Mean Residuals & Fit 400.000 km
T (K)
50
0
−50
0
5
10
15
20
25
30
Years Since 1970

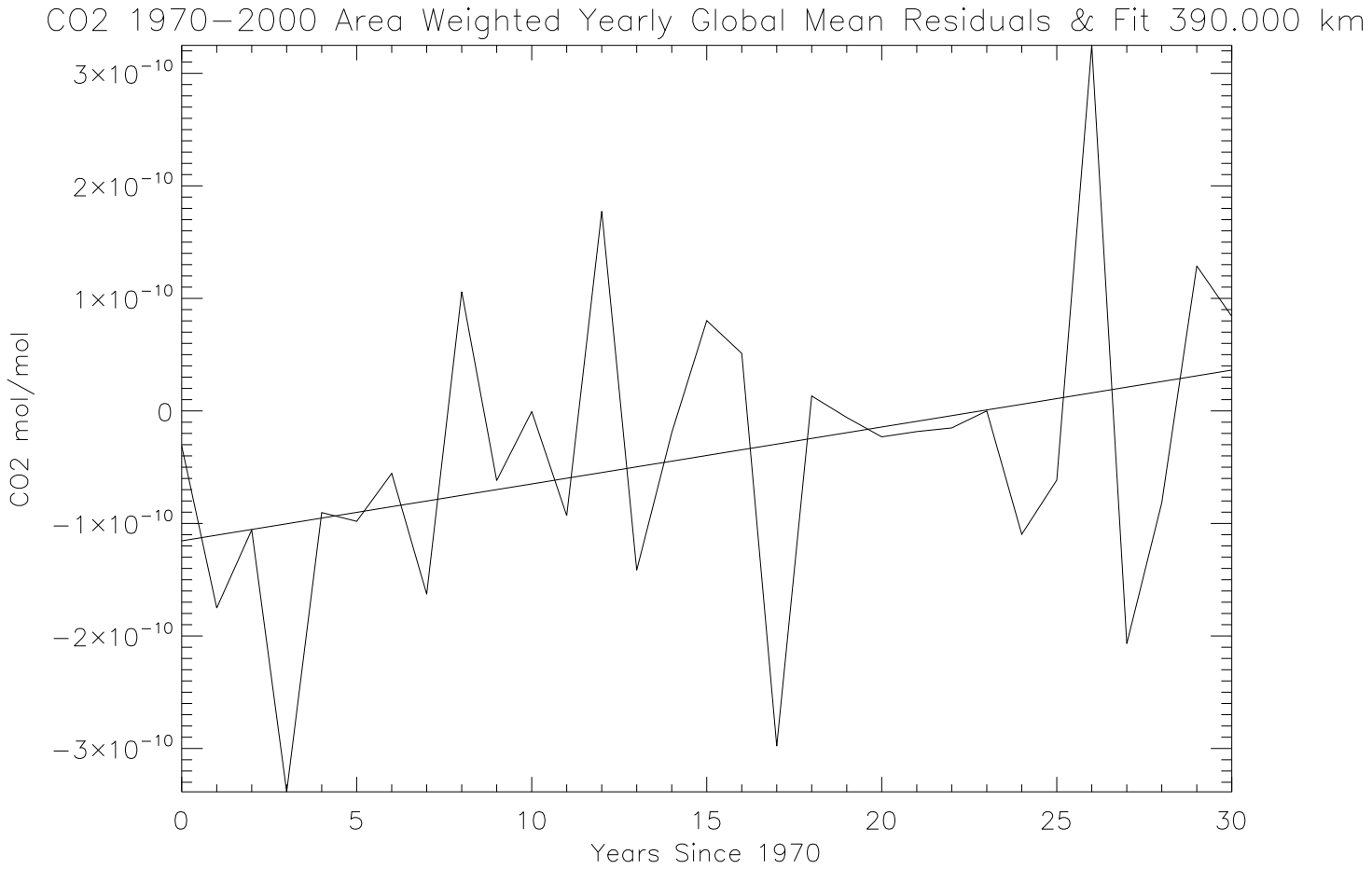

CO2 1955–2005 Area Weighted Yearly Global Mean Residuals & Fit 395.000 km
8×10⁻¹⁰
6×10⁻¹⁰
4×10⁻¹⁰
2×10⁻¹⁰
0
−2×10⁻¹⁰
CO2 mol/mol
0
10
20
30
40
50
Years Since 1955

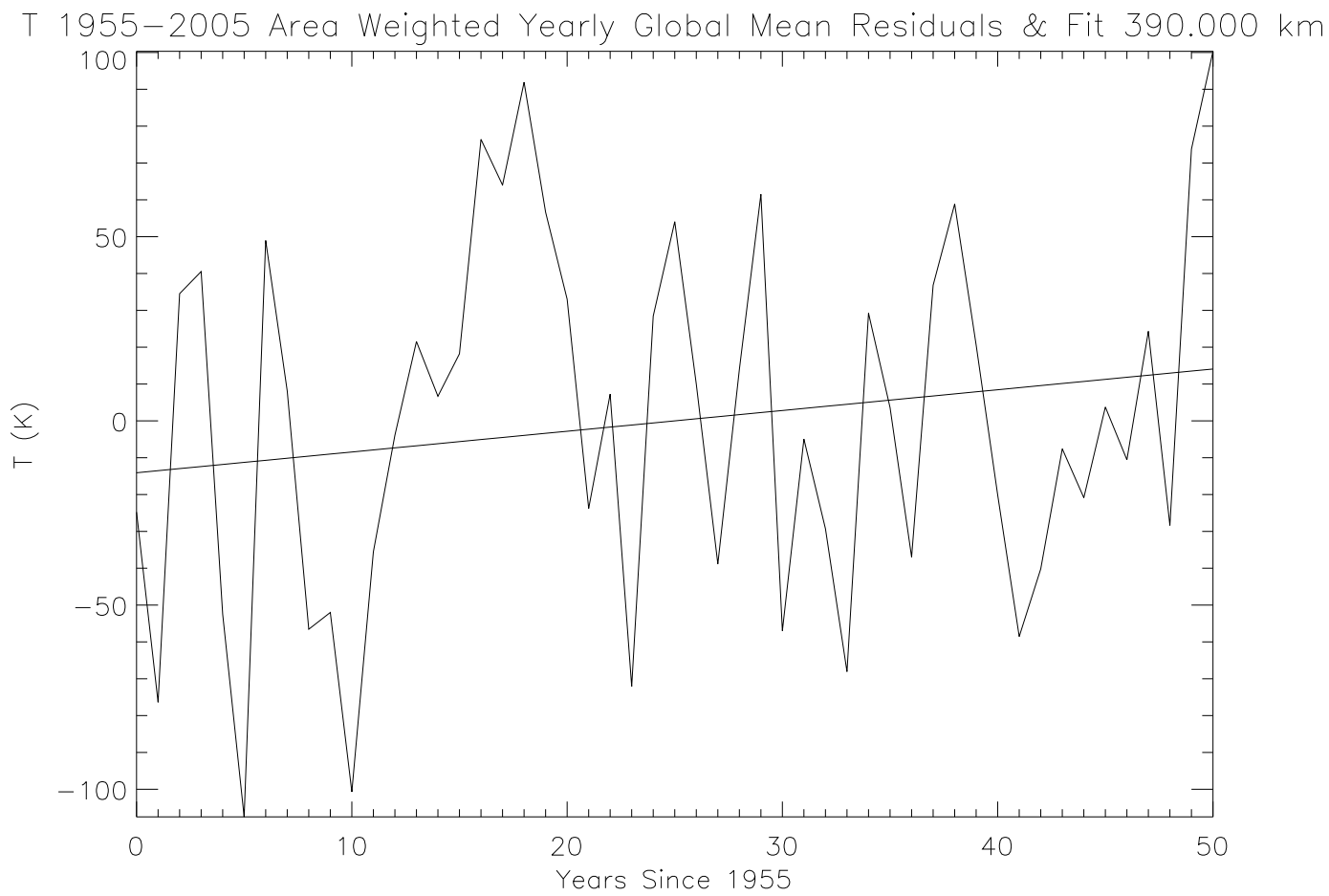

CO2 1970−2000 Area Weighted Yearly Global Mean Residuals & Fit 395.000 km
3×10⁻¹⁰
2×10⁻¹⁰
1×10⁻¹⁰
0
−1×10⁻¹⁰
−2×10⁻¹⁰
−3×10⁻¹⁰
CO2 mol/mol
0
5
10
15
20
25
30
Years Since 1970

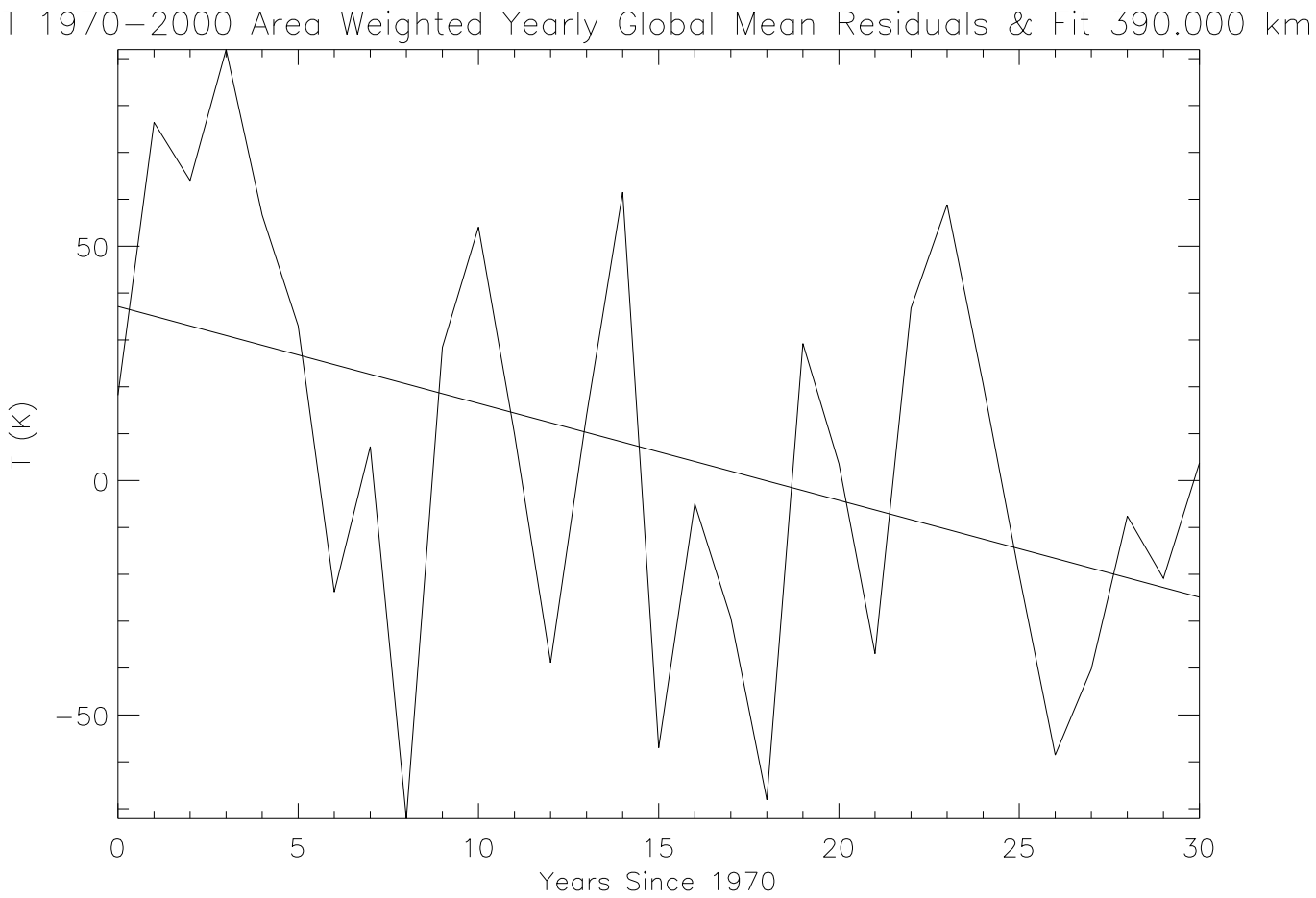

T 1955−2005 Area Weighted Yearly Global Mean Residuals & Fit 395.000 km
100
50
0
−50
−100
T (K)
0
10
20
30
40
50
Years Since 1955

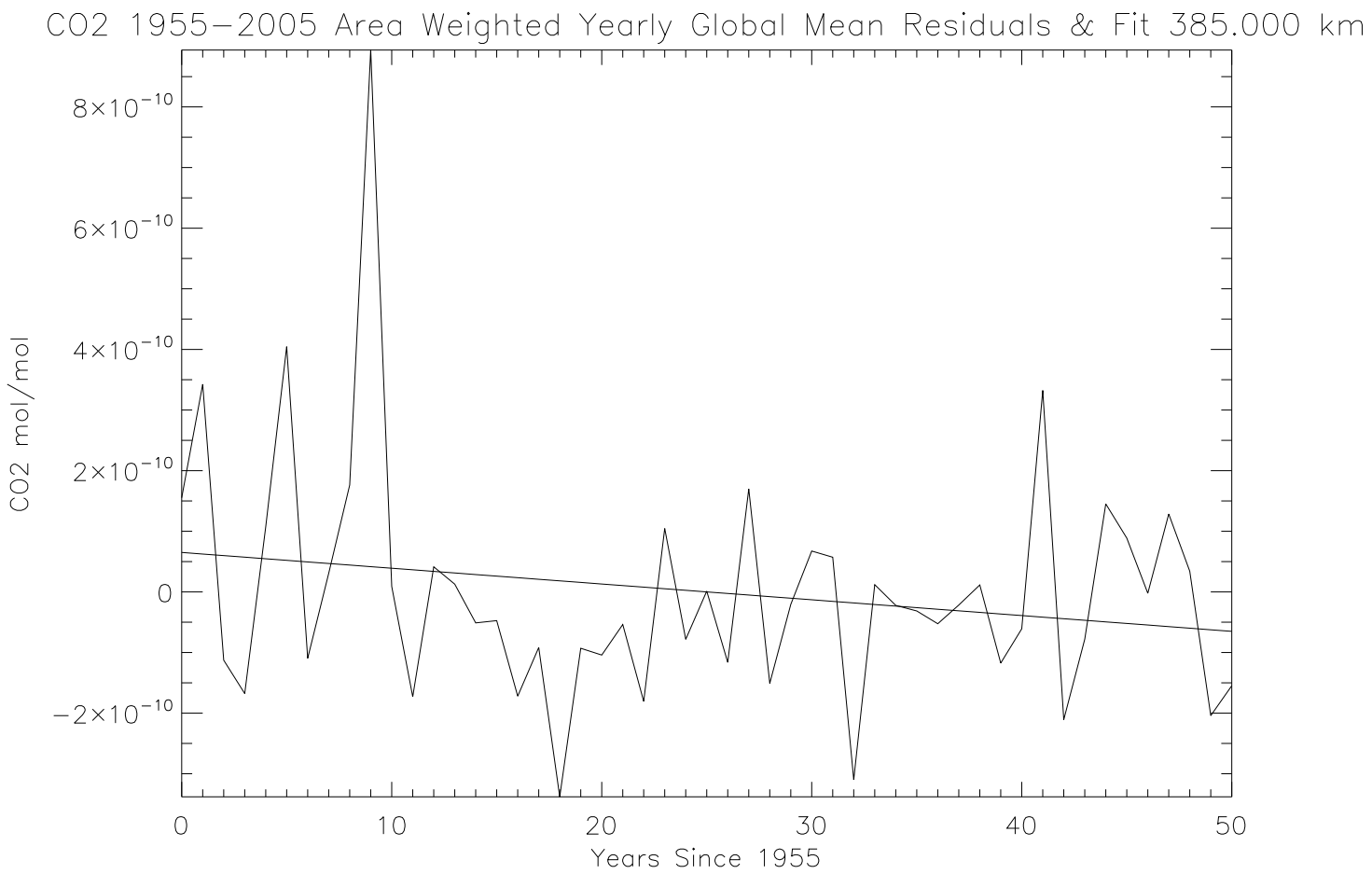

T 1970−2000 Area Weighted Yearly Global Mean Residuals & Fit 395.000 km
100
50
0
−50
T (K)
0
5
10
15
20
25
30
Years Since 1970

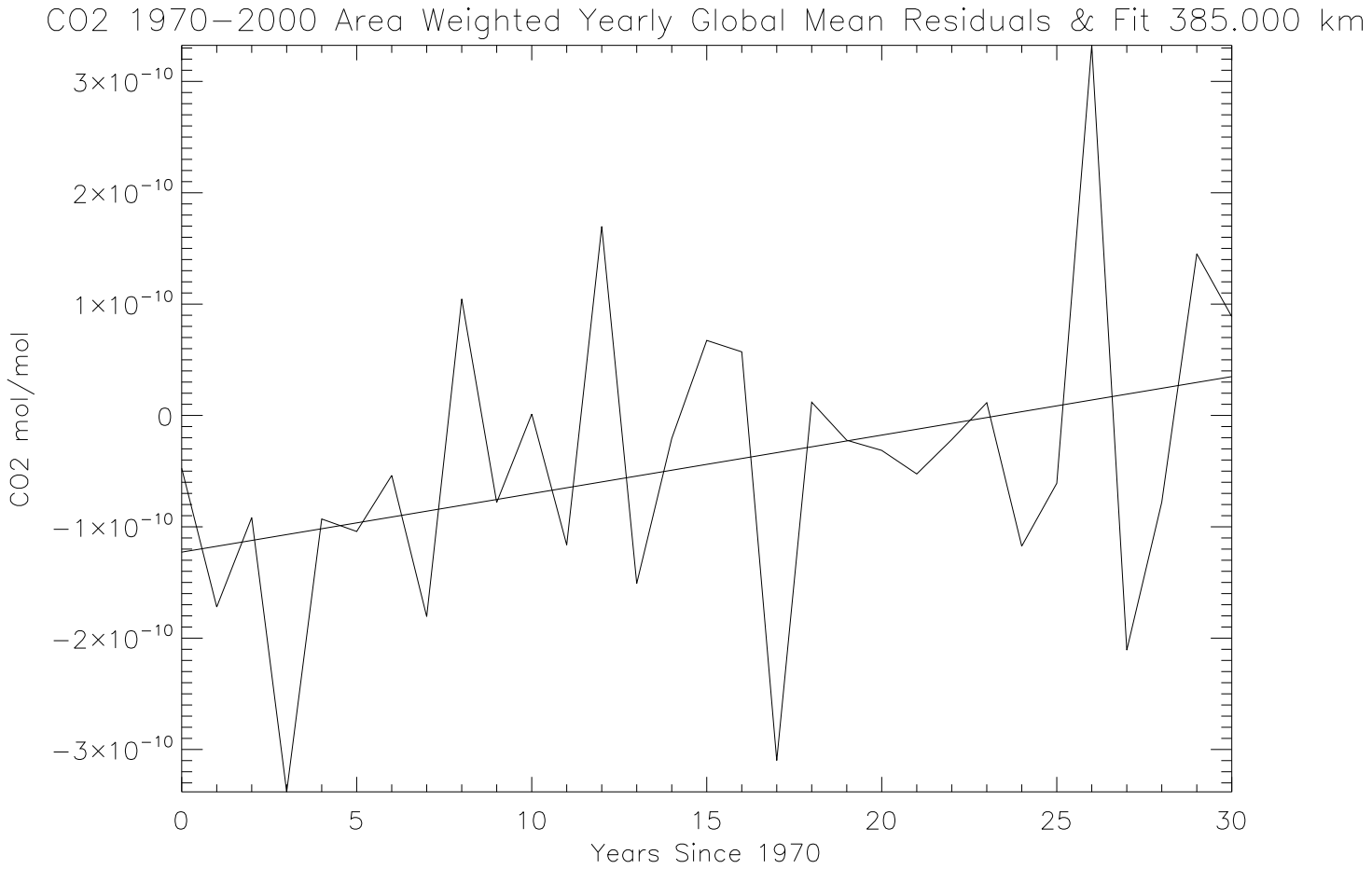

CO2 1955–2005 Area Weighted Yearly Global Mean Residuals & Fit 390.000 km
8×10⁻¹⁰
6×10⁻¹⁰
4×10⁻¹⁰
2×10⁻¹⁰
0
−2×10⁻¹⁰
CO2 mol/mol
0
10
20
30
40
50
Years Since 1955

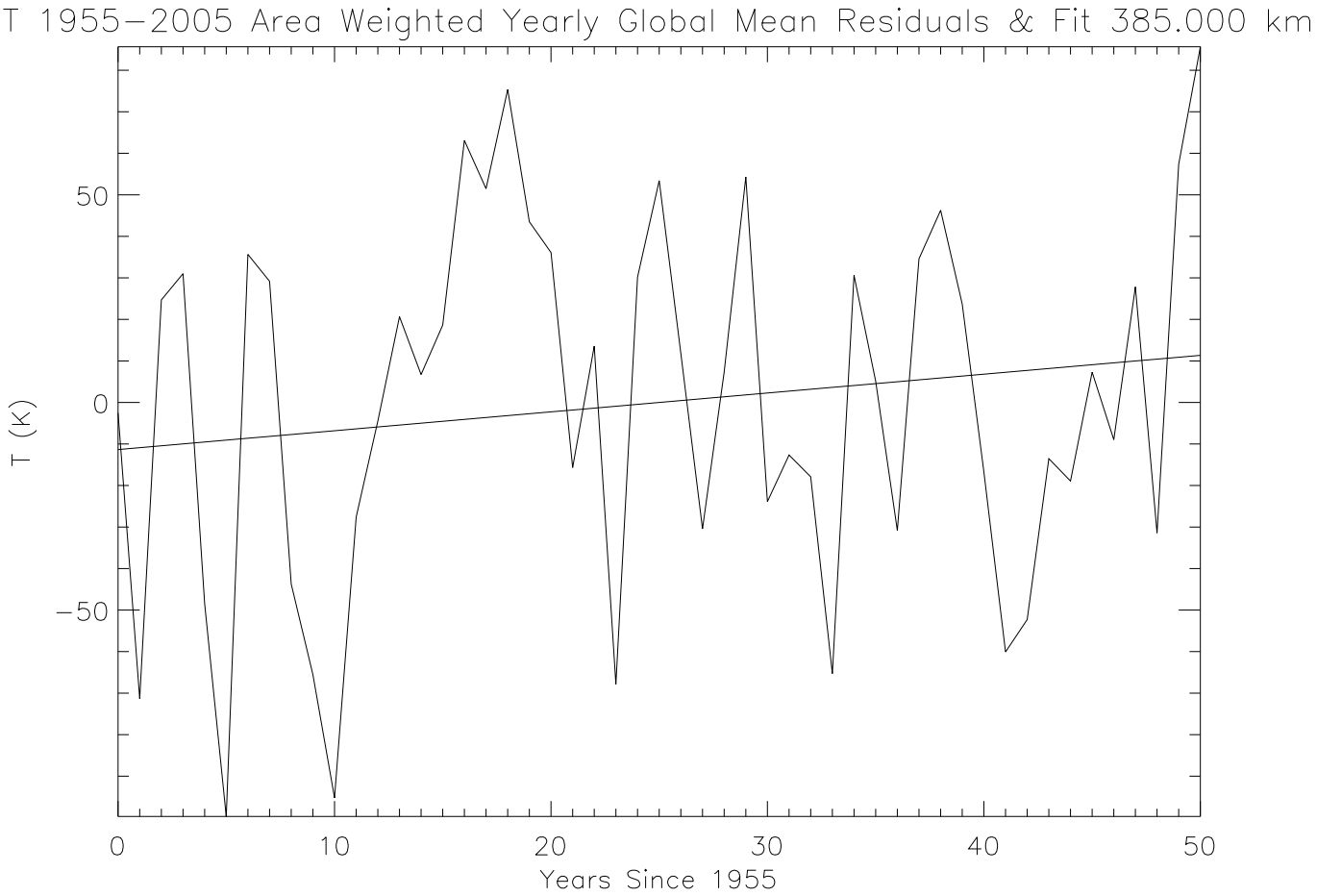

CO2 1970−2000 Area Weighted Yearly Global Mean Residuals & Fit 390.000 km
3×10−10
2×10−10
1×10−10
0
−1×10−10
−2×10−10
−3×10−10
CO2 mol/mol
0
5
10
15
20
25
30
Years Since 1970

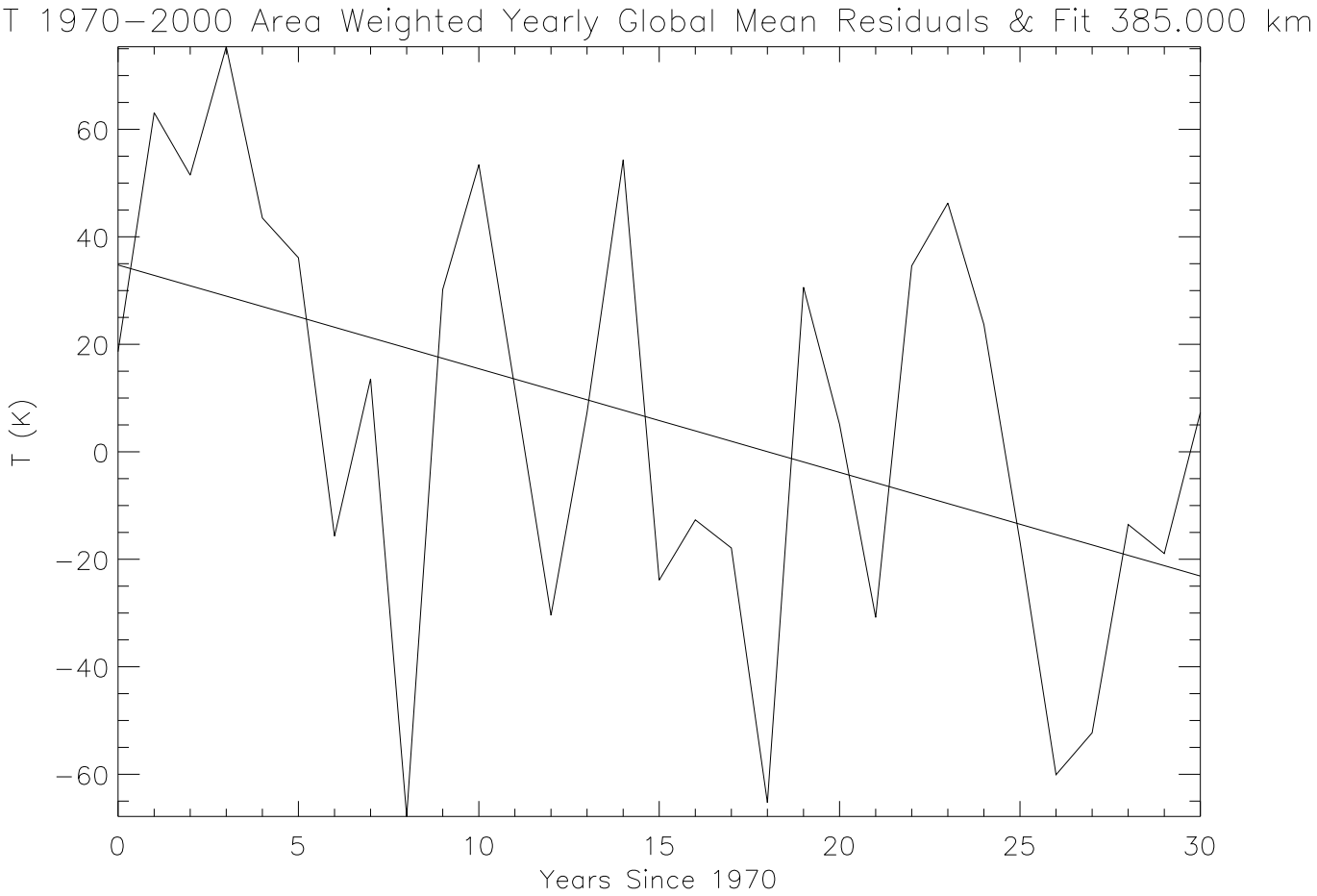

T 1955−2005 Area Weighted Yearly Global Mean Residuals & Fit 390.000 km
100
50
0
−50
−100
T (K)
0
10
20
30
40
50
Years Since 1955

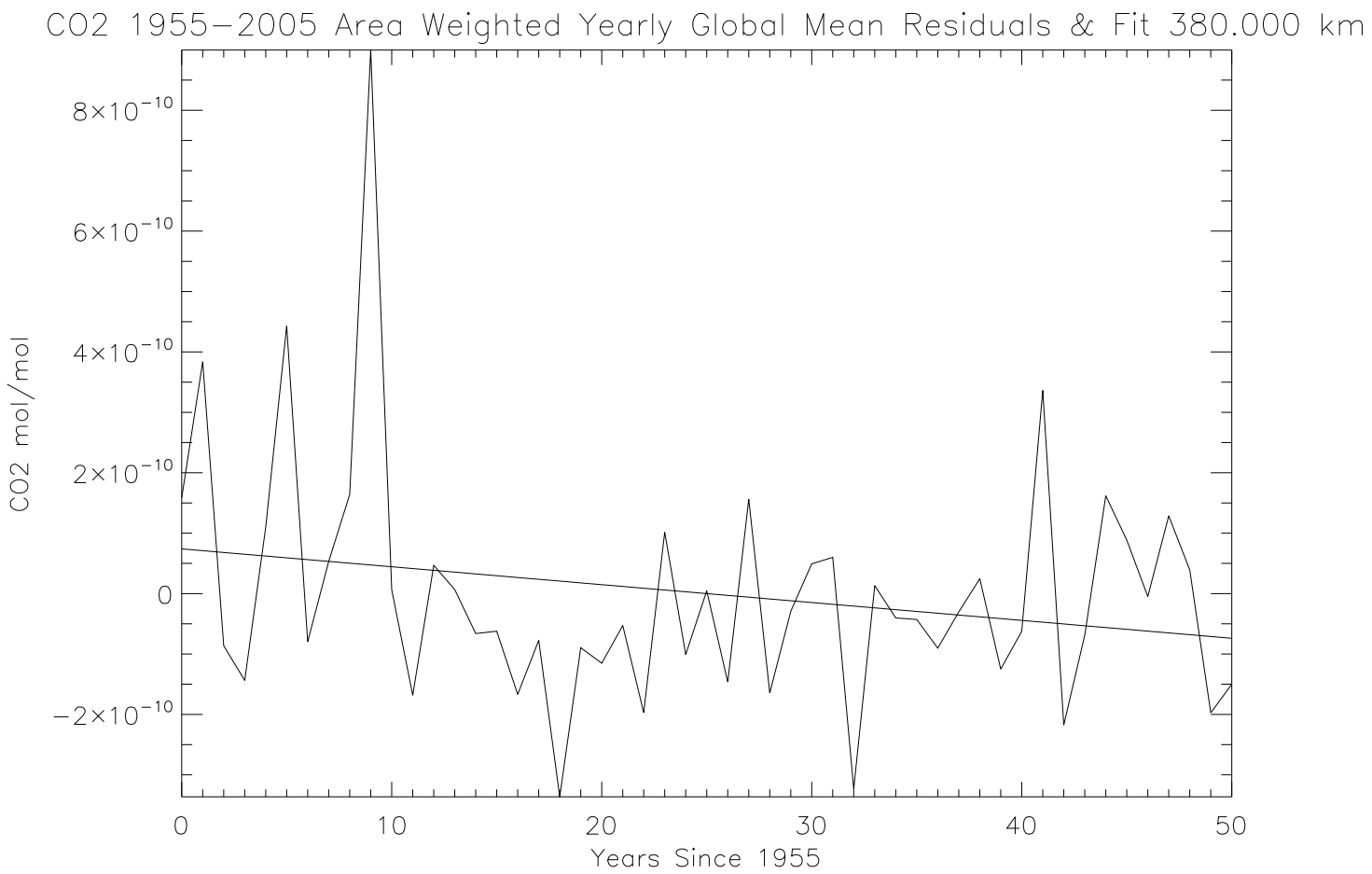

T 1970−2000 Area Weighted Yearly Global Mean Residuals & Fit 390.000 km
T (K)
50
0
−50
0
5
10
15
20
25
30
Years Since 1970

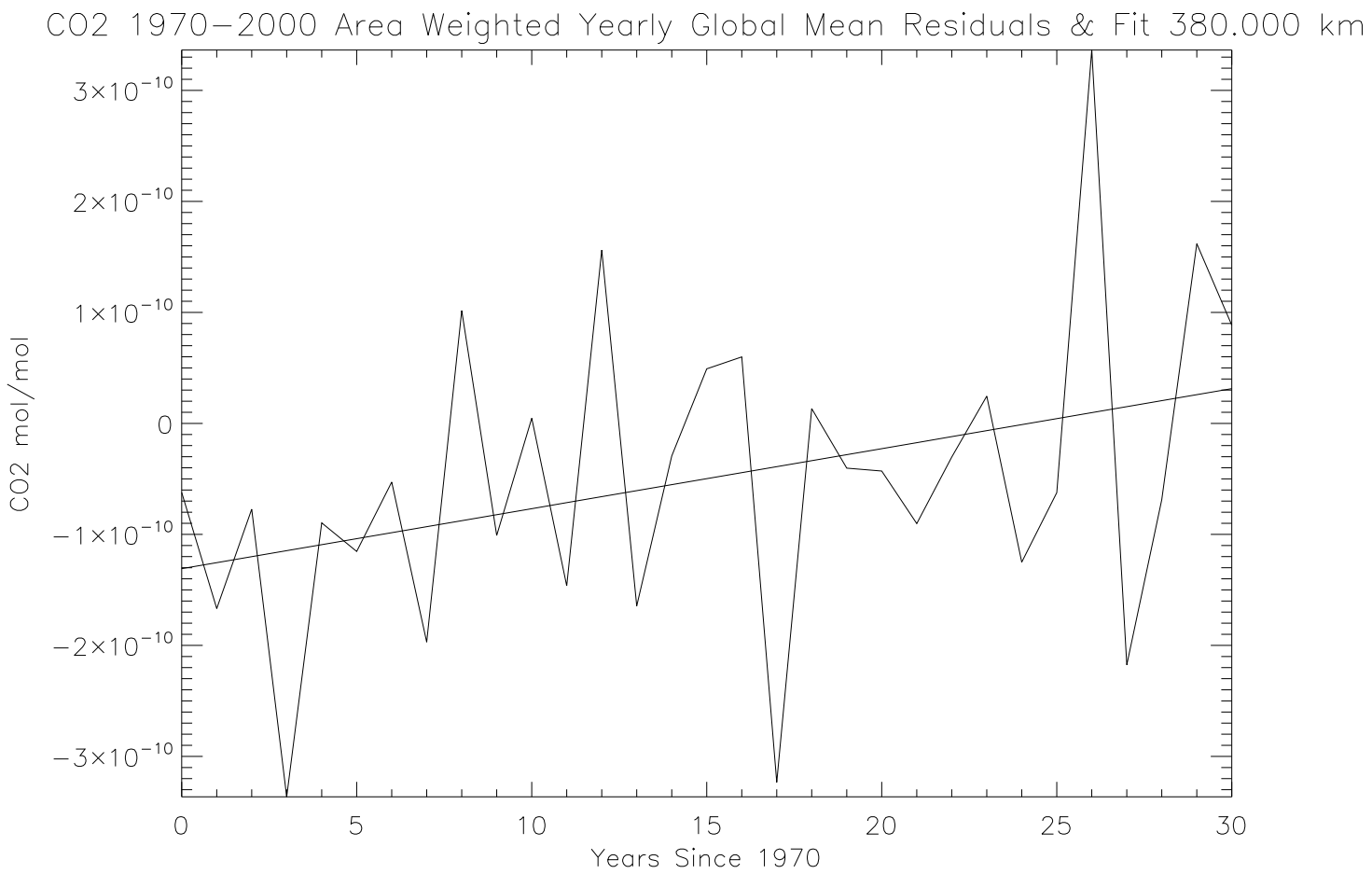

CO2 1955–2005 Area Weighted Yearly Global Mean Residuals & Fit 385.000 km
8×10⁻¹⁰
6×10⁻¹⁰
4×10⁻¹⁰
2×10⁻¹⁰
0
−2×10⁻¹⁰
CO2 mol/mol
0
10
20
30
40
50
Years Since 1955

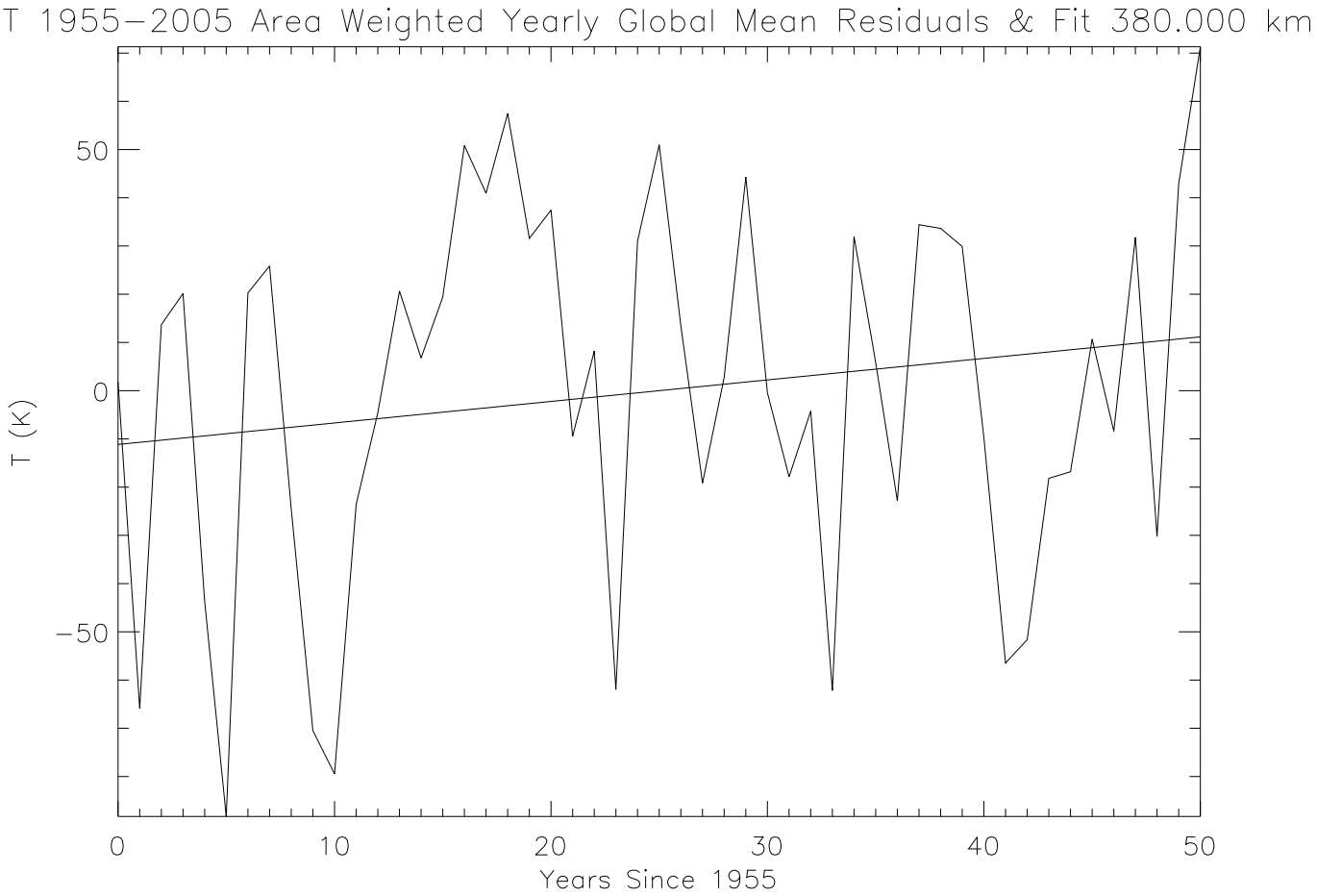

CO2 1970−2000 Area Weighted Yearly Global Mean Residuals & Fit 385.000 km
3×10−10
2×10−10
1×10−10
0
−1×10−10
−2×10−10
−3×10−10
CO2 mol/mol
0
5
10
15
20
25
30
Years Since 1970

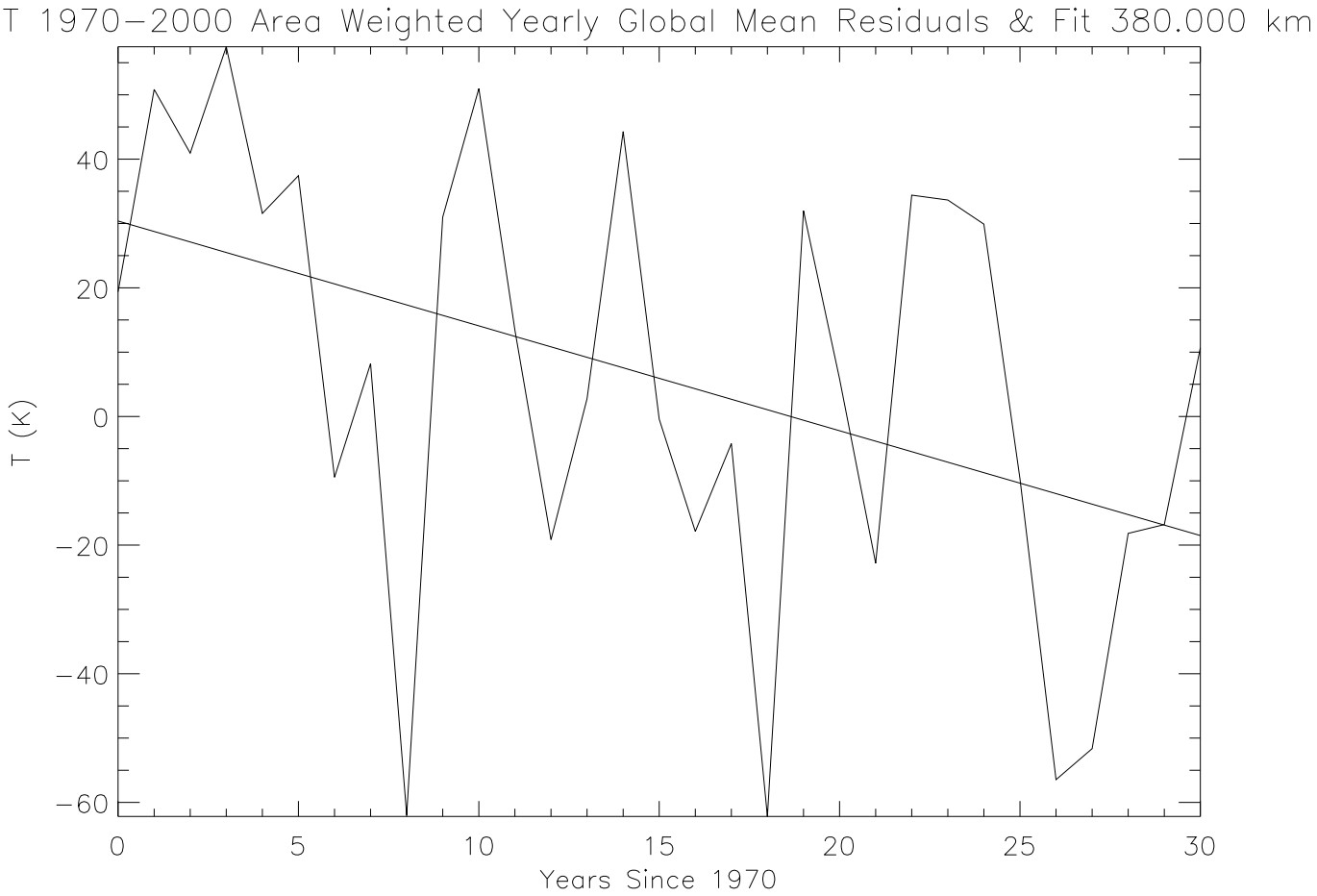

T 1955−2005 Area Weighted Yearly Global Mean Residuals & Fit 385.000 km
50
0
−50
T (K)
0
10
20
30
40
50
Years Since 1955

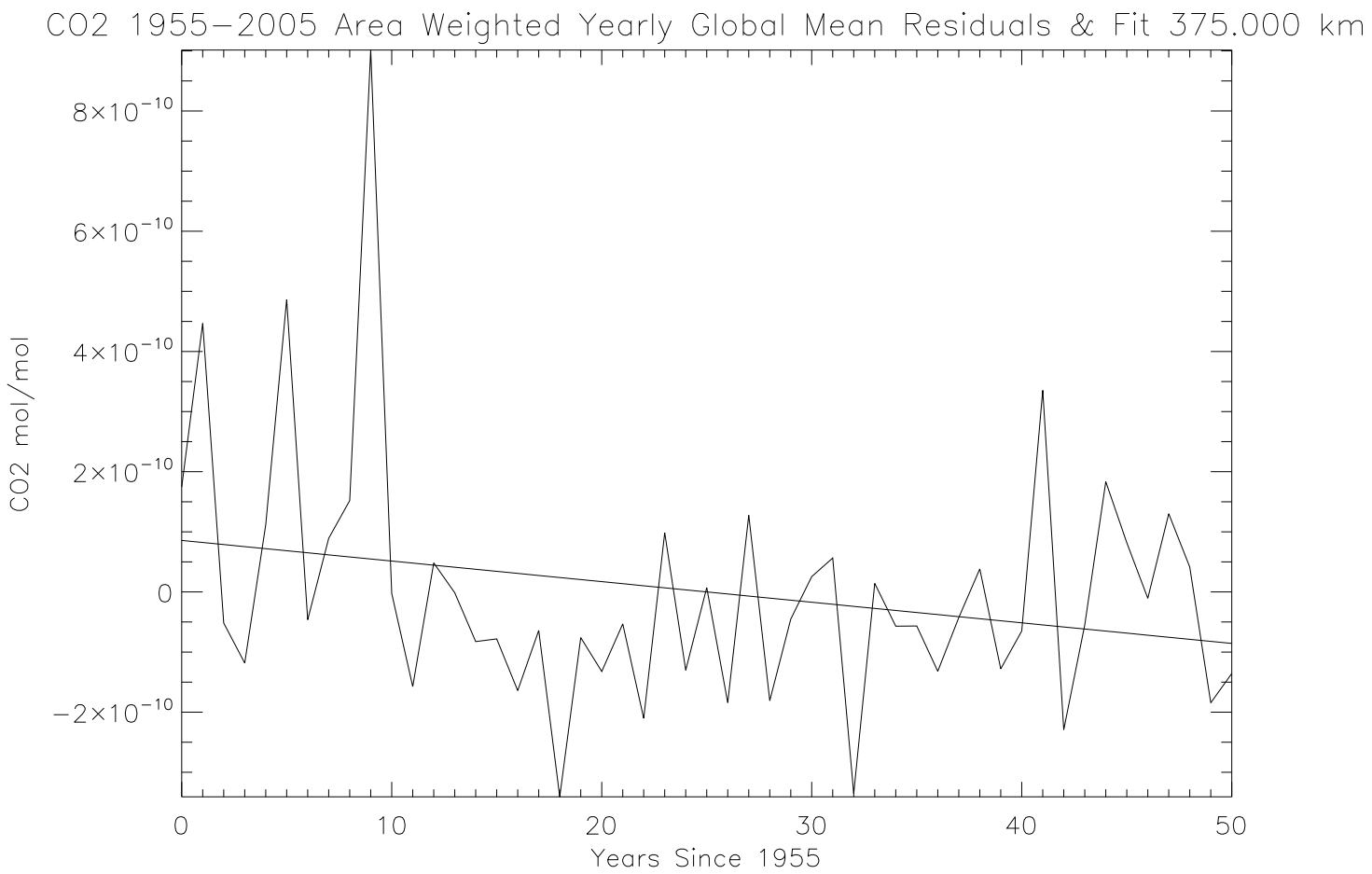

T 1970−2000 Area Weighted Yearly Global Mean Residuals & Fit 385.000 km
T (K)
60
40
20
0
−20
−40
−60
0
5
10
15
20
25
30
Years Since 1970

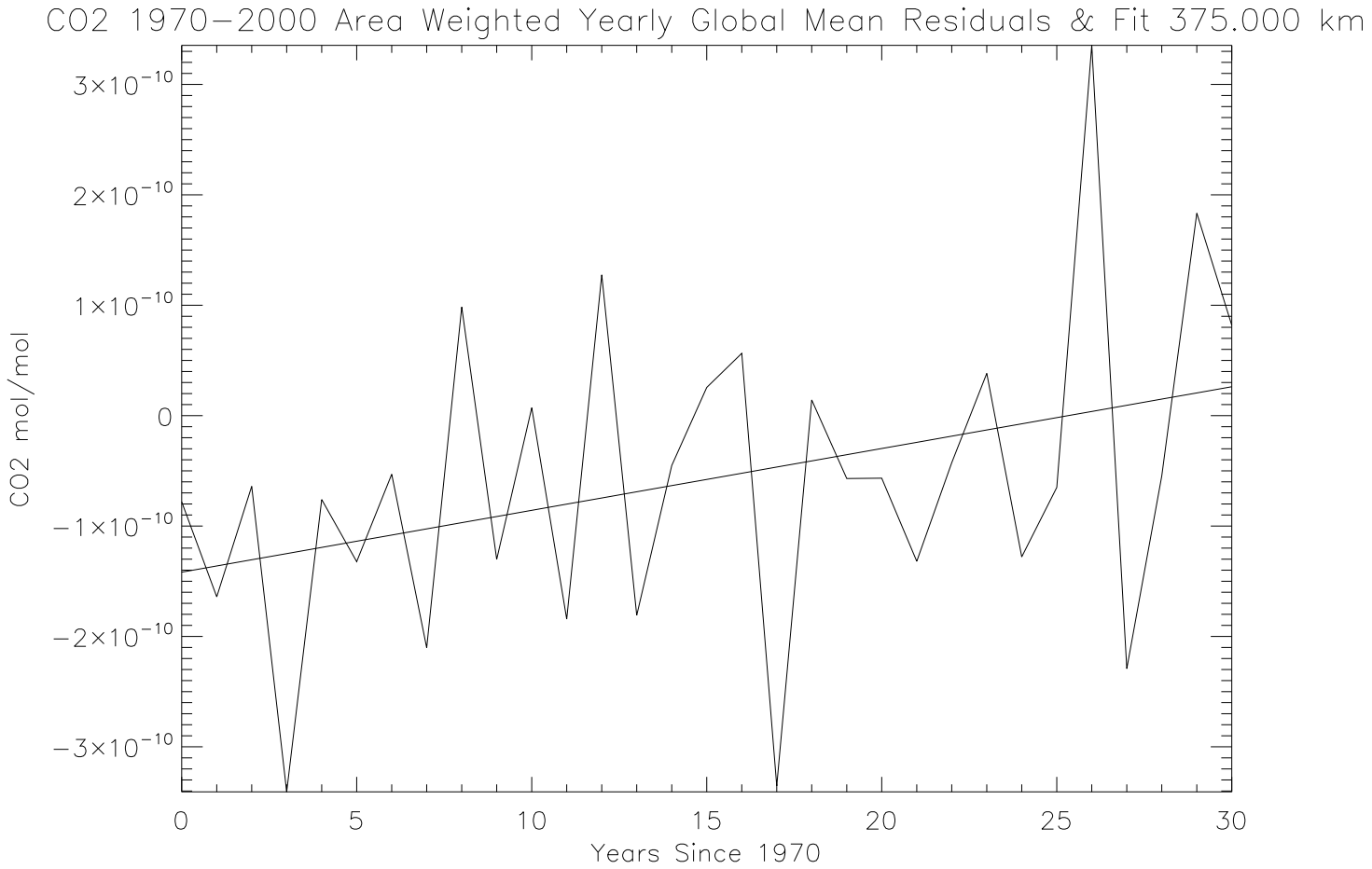

CO2 1955–2005 Area Weighted Yearly Global Mean Residuals & Fit 380.000 km
8×10⁻¹⁰
6×10⁻¹⁰
4×10⁻¹⁰
2×10⁻¹⁰
0
−2×10⁻¹⁰
CO2 mol/mol
0
10
20
30
40
50
Years Since 1955

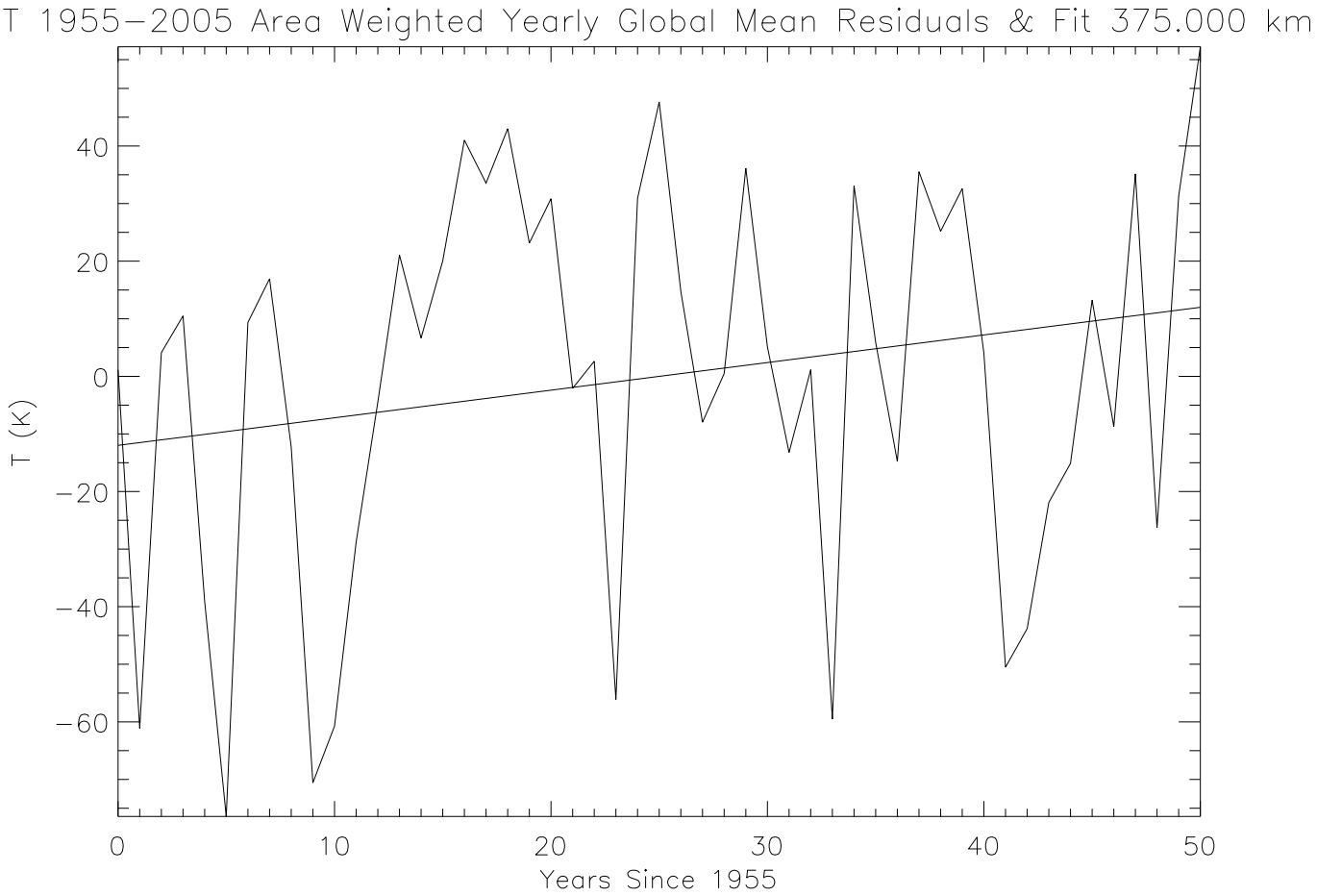

CO2 1970−2000 Area Weighted Yearly Global Mean Residuals & Fit 380.000 km
3×10⁻¹⁰
2×10⁻¹⁰
1×10⁻¹⁰
0
−1×10⁻¹⁰
−2×10⁻¹⁰
−3×10⁻¹⁰
CO2 mol/mol
0
5
10
15
20
25
30
Years Since 1970

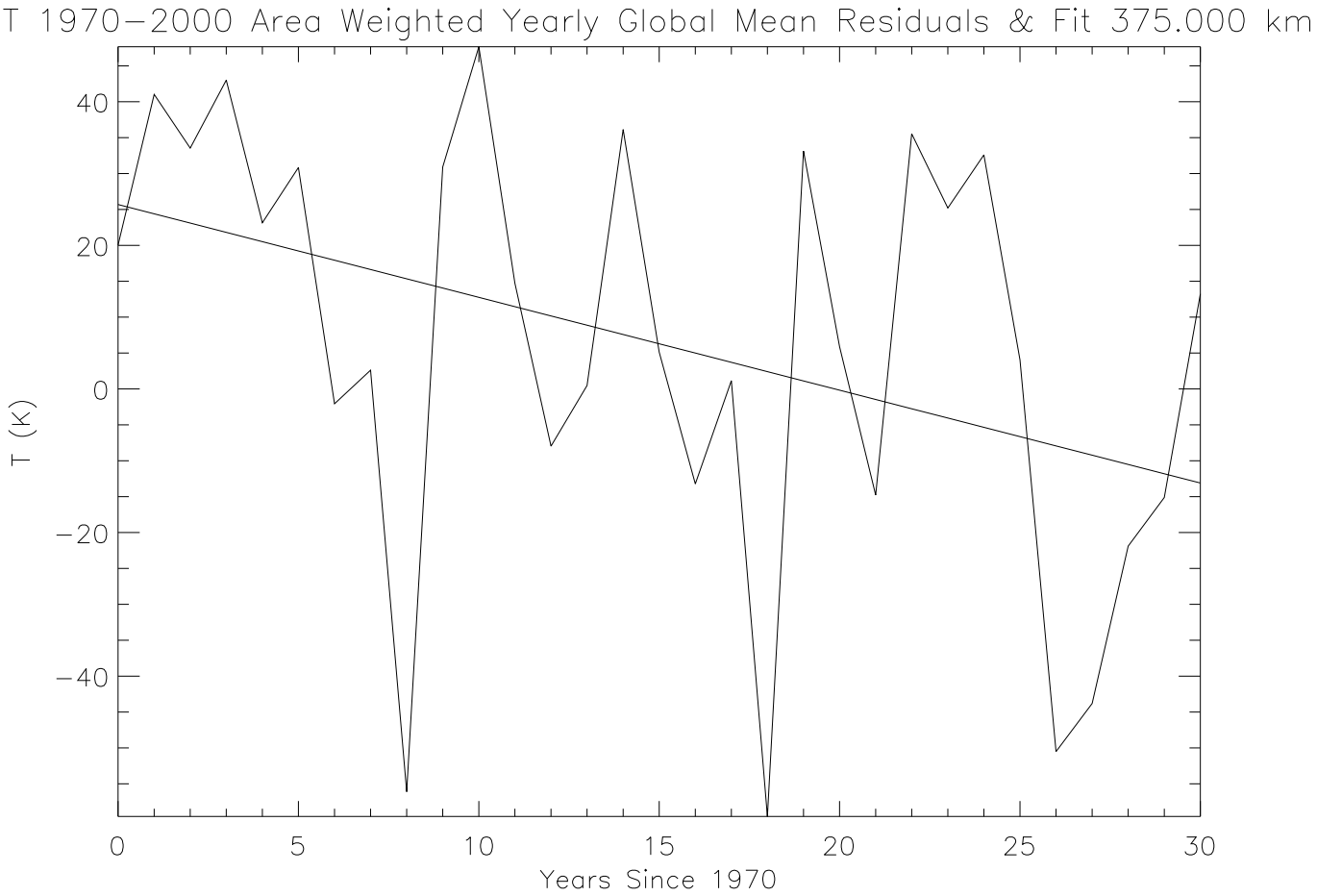

T 1955−2005 Area Weighted Yearly Global Mean Residuals & Fit 380.000 km
50
0
−50
T (K)
0
10
20
30
40
50
Years Since 1955

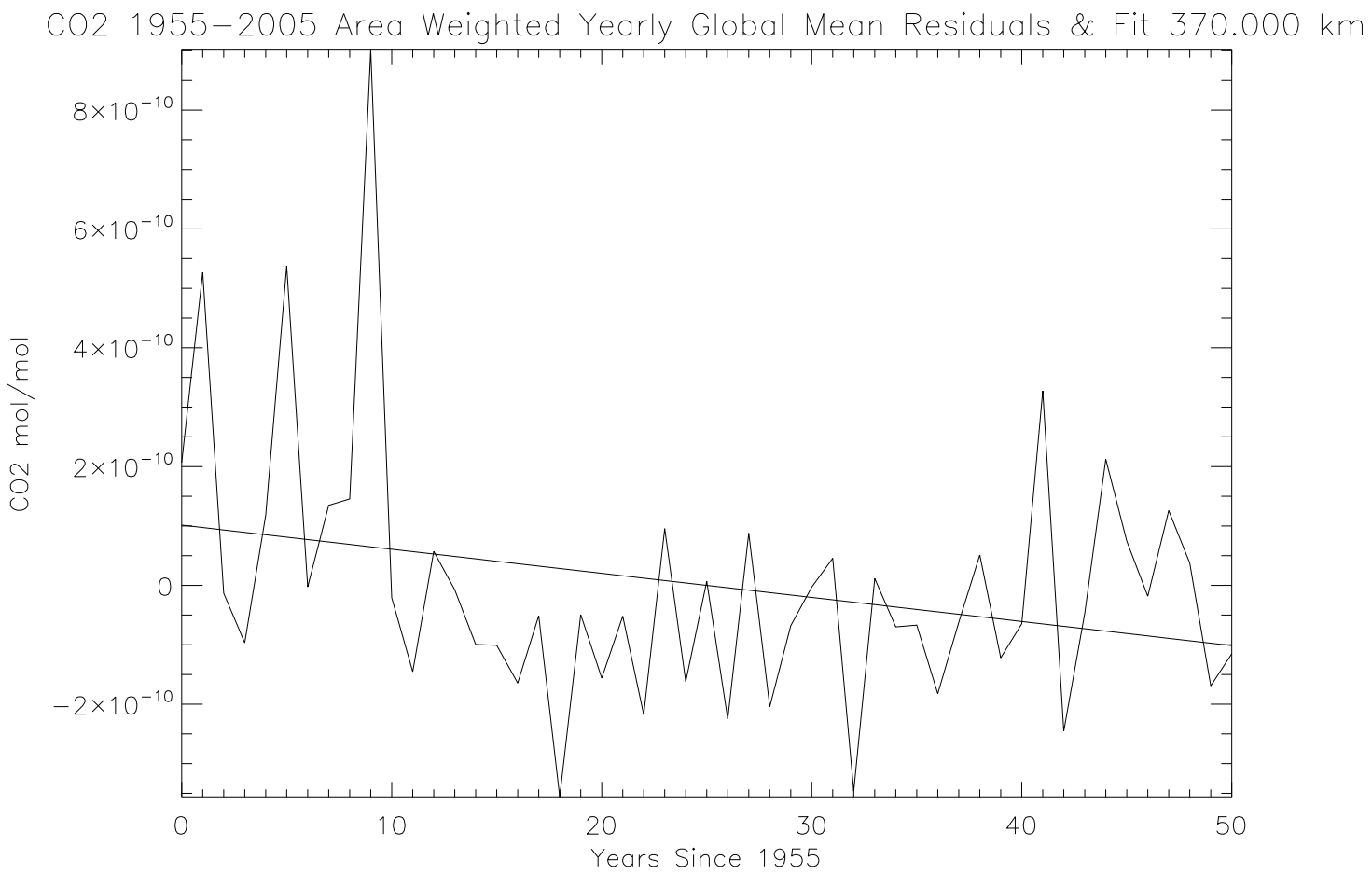

T 1970−2000 Area Weighted Yearly Global Mean Residuals & Fit 380.000 km
T (K)
40
20
0
−20
−40
−60
0
5
10
15
20
25
30
Years Since 1970

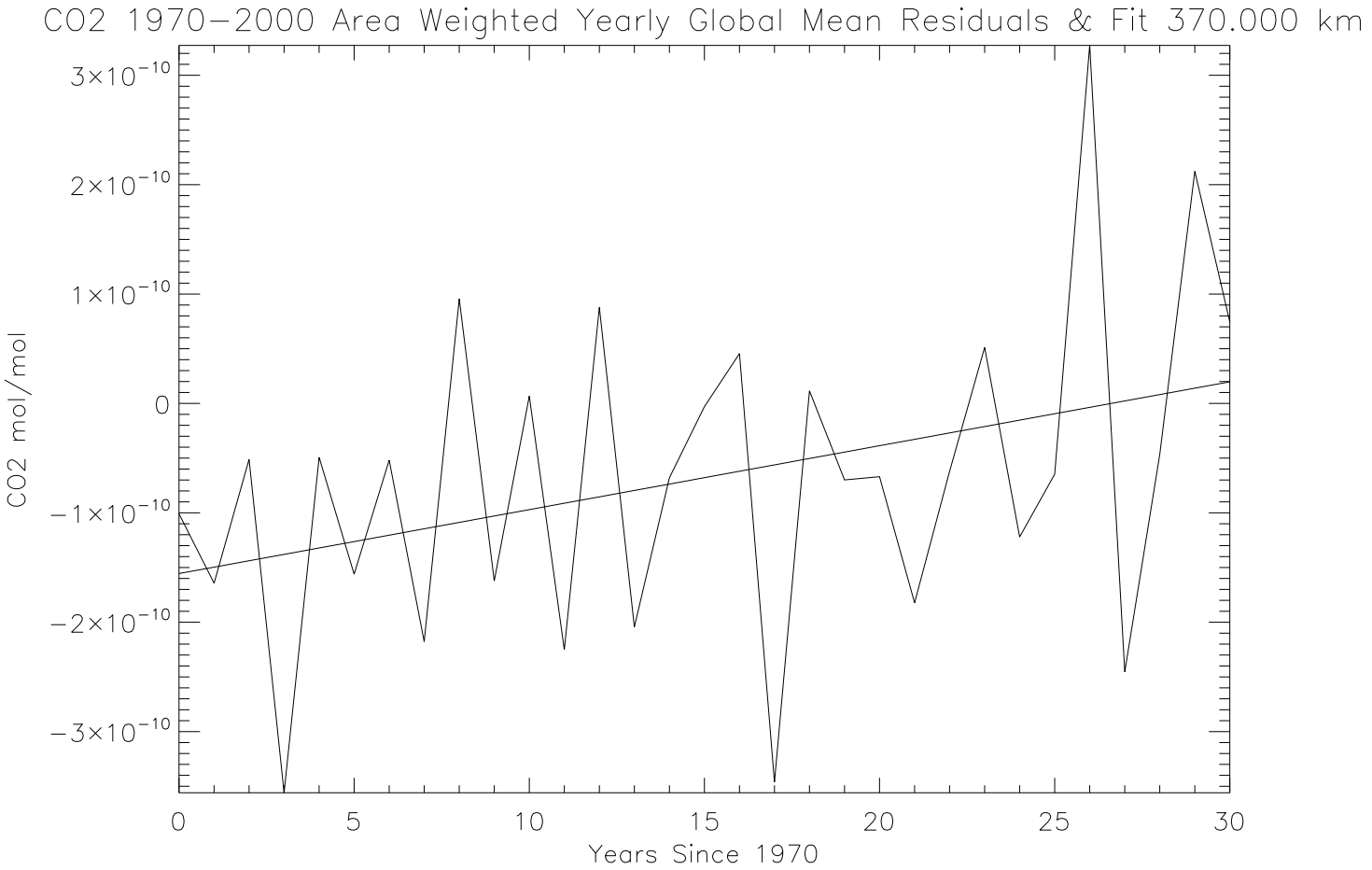

CO2 1955–2005 Area Weighted Yearly Global Mean Residuals & Fit 375.000 km
8×10⁻¹⁰
6×10⁻¹⁰
4×10⁻¹⁰
2×10⁻¹⁰
0
−2×10⁻¹⁰
CO2 mol/mol
0
10
20
30
40
50
Years Since 1955

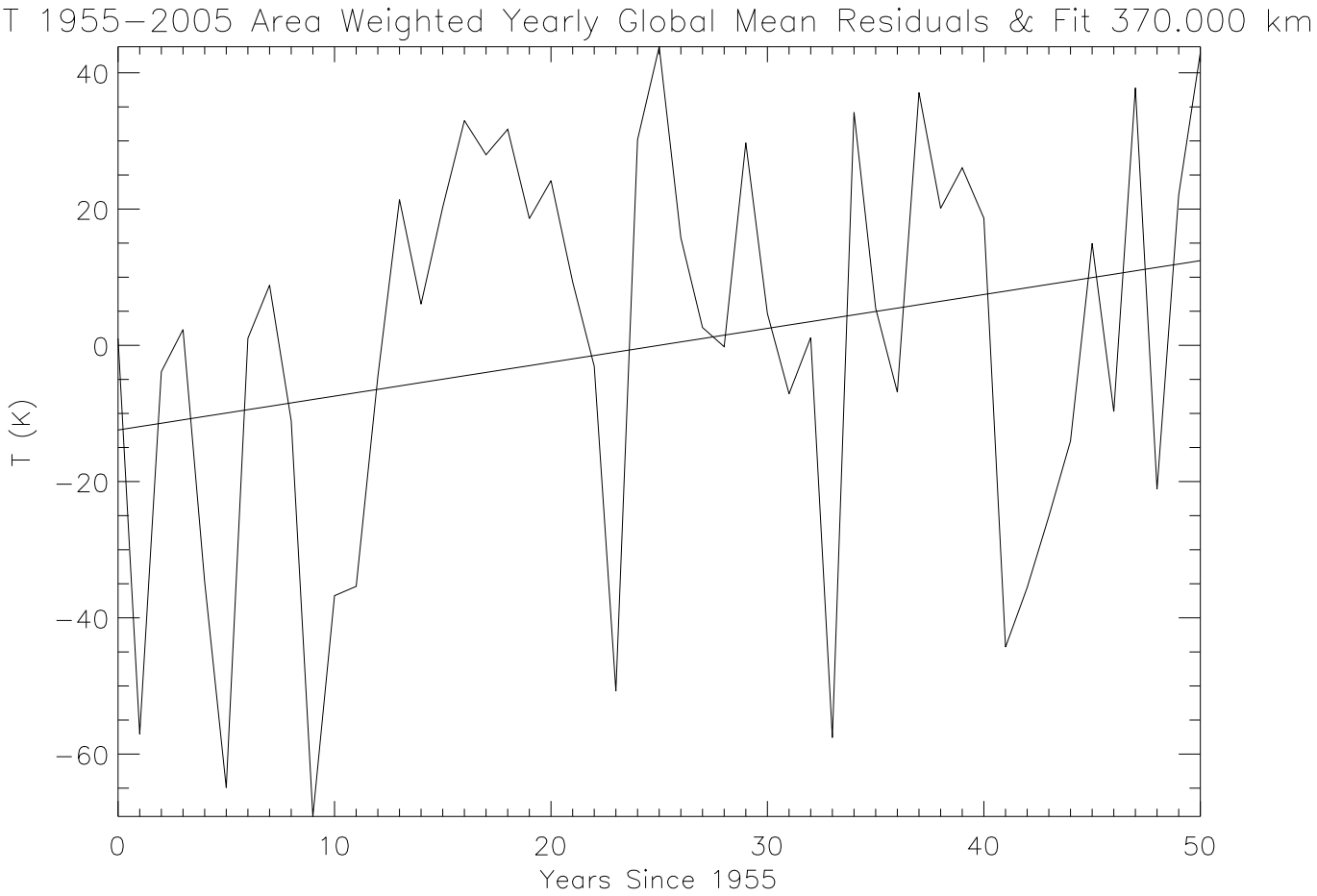

CO2 1970−2000 Area Weighted Yearly Global Mean Residuals & Fit 375.000 km
3×10⁻¹⁰
2×10⁻¹⁰
1×10⁻¹⁰
0
−1×10⁻¹⁰
−2×10⁻¹⁰
−3×10⁻¹⁰
CO2 mol/mol
0
5
10
15
20
25
30
Years Since 1970

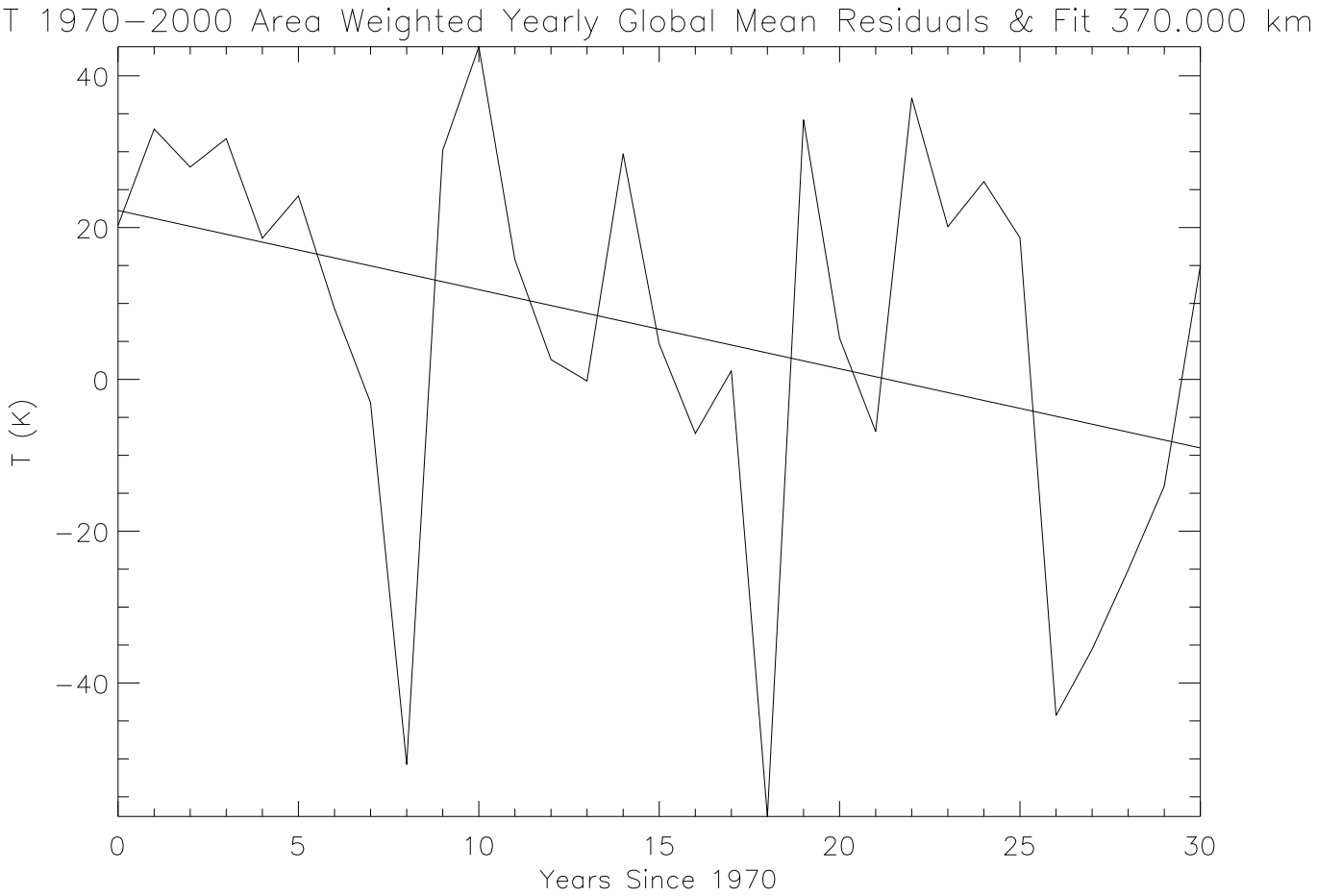

T 1955−2005 Area Weighted Yearly Global Mean Residuals & Fit 375.000 km
T (K)
40
20
0
−20
−40
−60
0
10
20
30
40
50
Years Since 1955

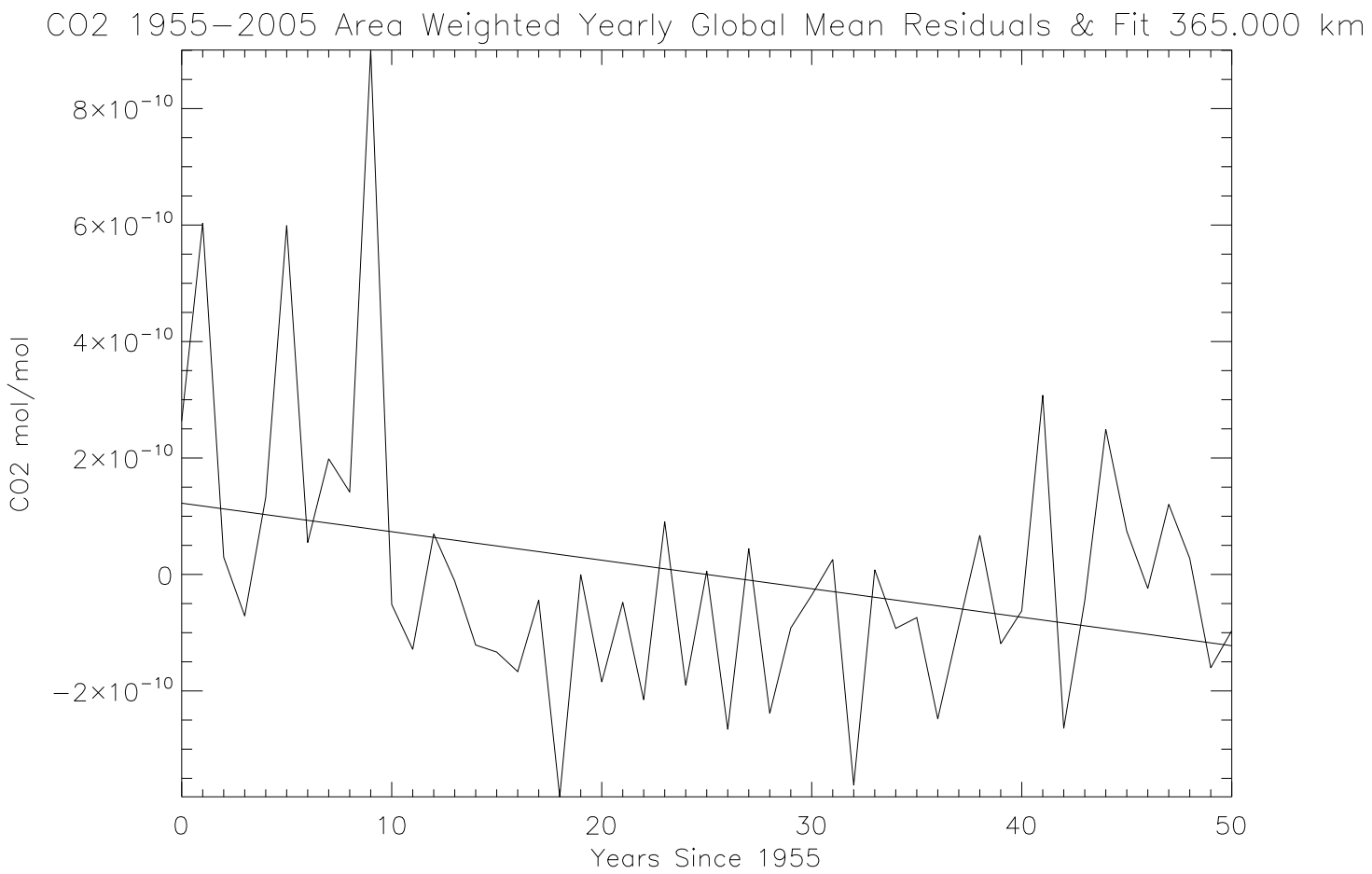

T 1970−2000 Area Weighted Yearly Global Mean Residuals & Fit 375.000 km
T (K)
40
20
0
−20
−40
0
5
10
15
20
25
30
Years Since 1970

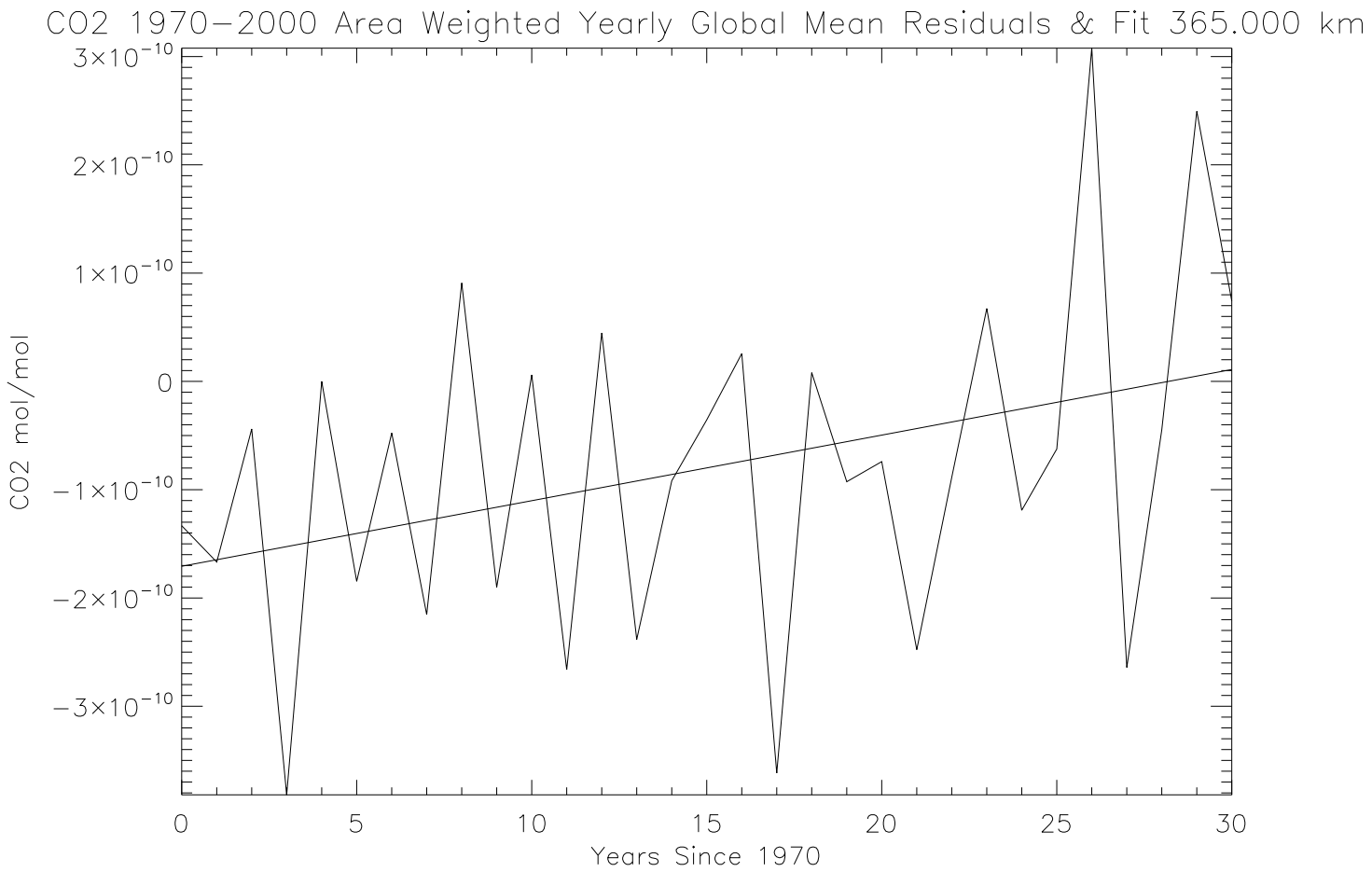

CO2 1955–2005 Area Weighted Yearly Global Mean Residuals & Fit 370.000 km
8×10⁻¹⁰
6×10⁻¹⁰
4×10⁻¹⁰
2×10⁻¹⁰
0
−2×10⁻¹⁰
CO2 mol/mol
0
10
20
30
40
50
Years Since 1955

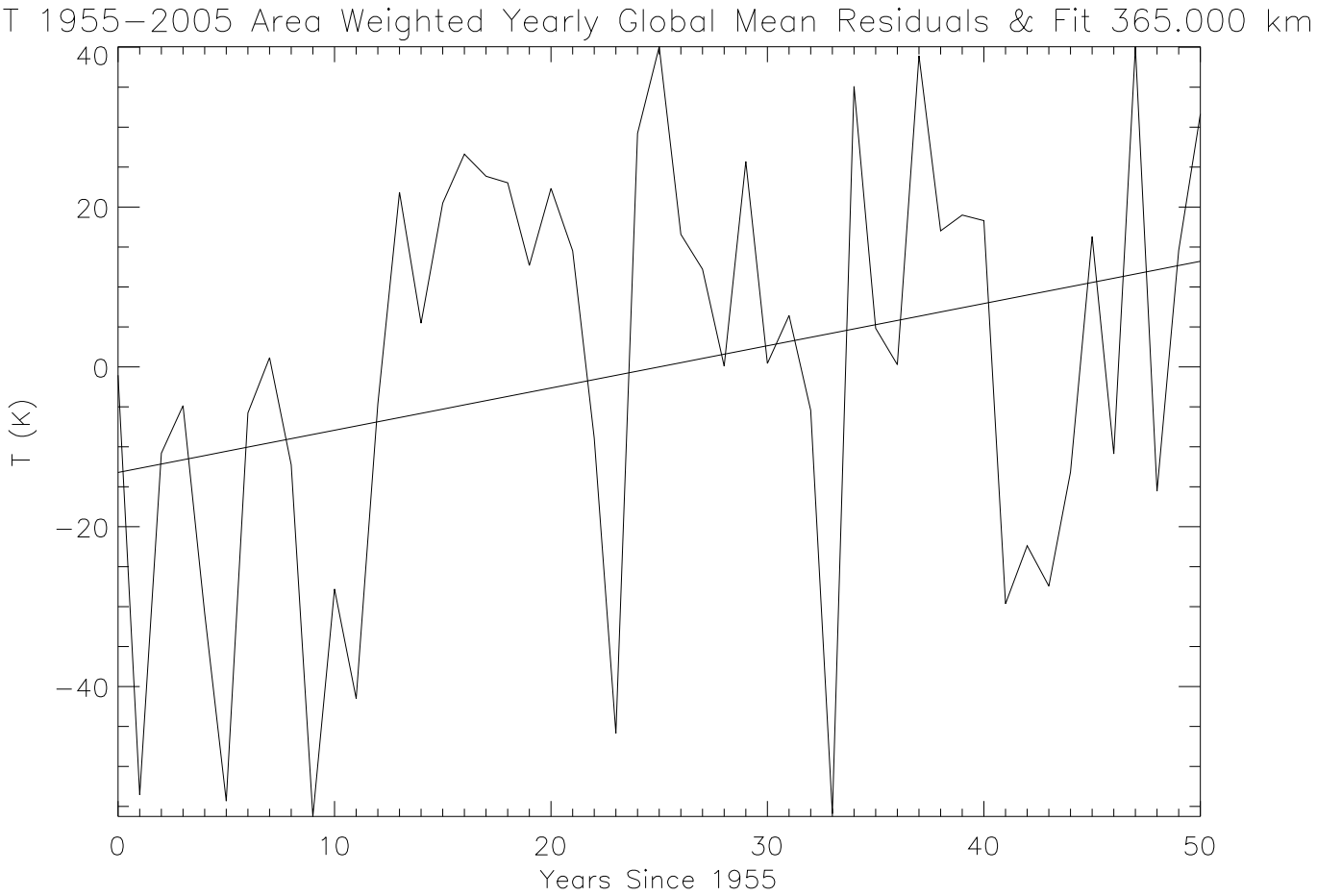

CO2 1970−2000 Area Weighted Yearly Global Mean Residuals & Fit 370.000 km
3×10⁻¹⁰
2×10⁻¹⁰
1×10⁻¹⁰
0
−1×10⁻¹⁰
−2×10⁻¹⁰
−3×10⁻¹⁰
CO2 mol/mol
0
5
10
15
20
25
30
Years Since 1970

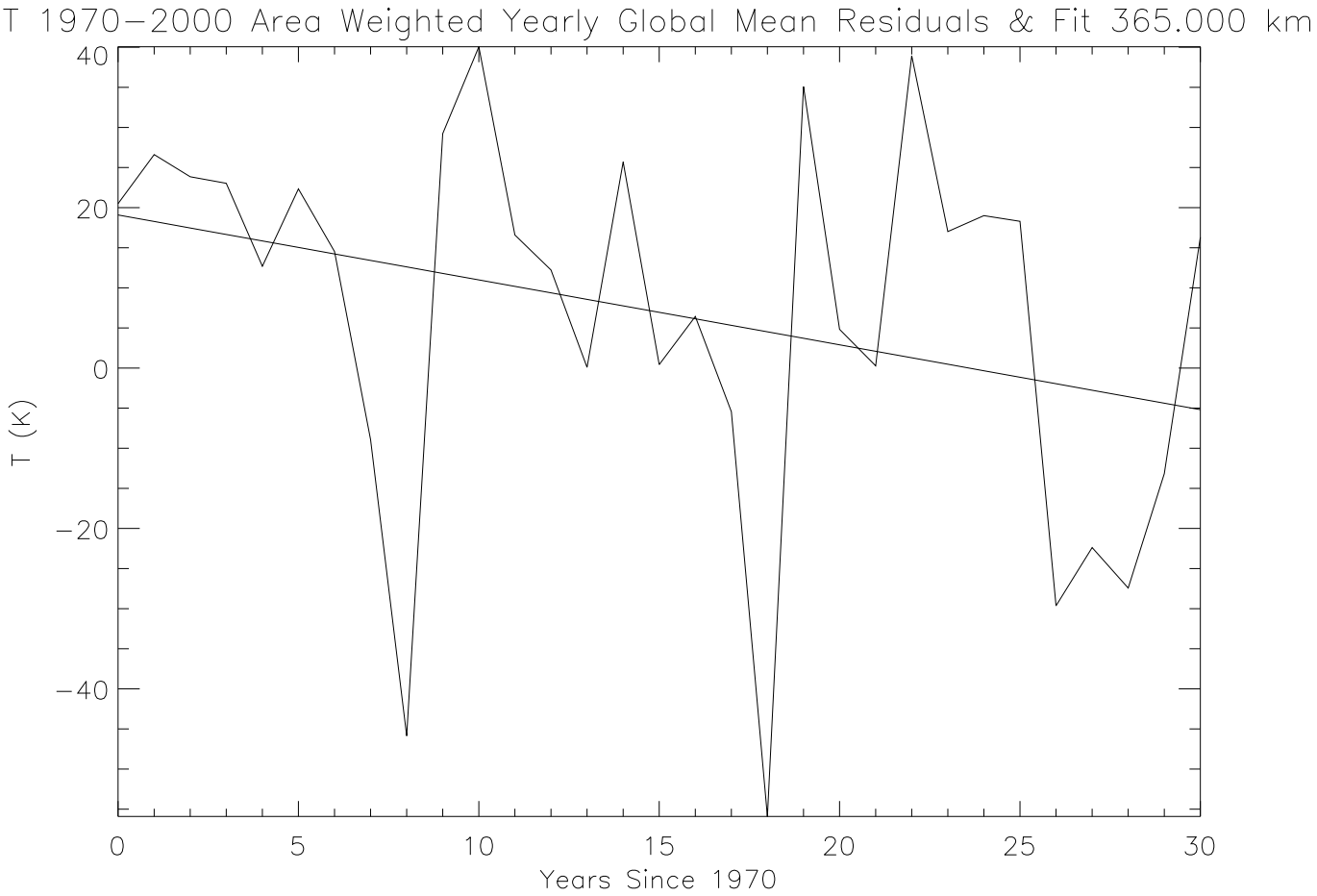

T 1955−2005 Area Weighted Yearly Global Mean Residuals & Fit 370.000 km
T (K)
40
20
0
−20
−40
−60
0
10
20
30
40
50
Years Since 1955

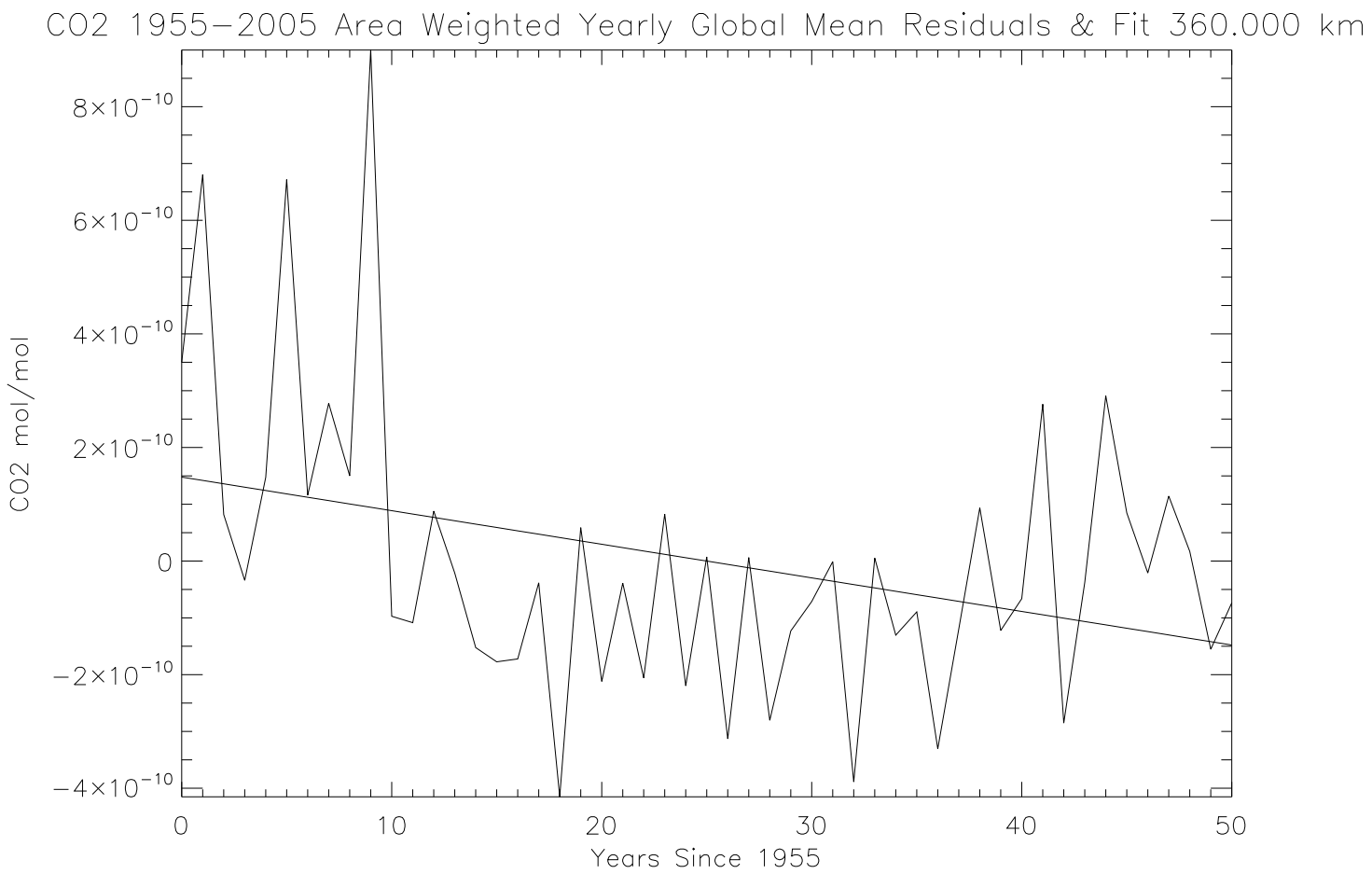

T 1970−2000 Area Weighted Yearly Global Mean Residuals & Fit 370.000 km
T (K)
40
20
0
−20
−40
0
5
10
15
20
25
30
Years Since 1970

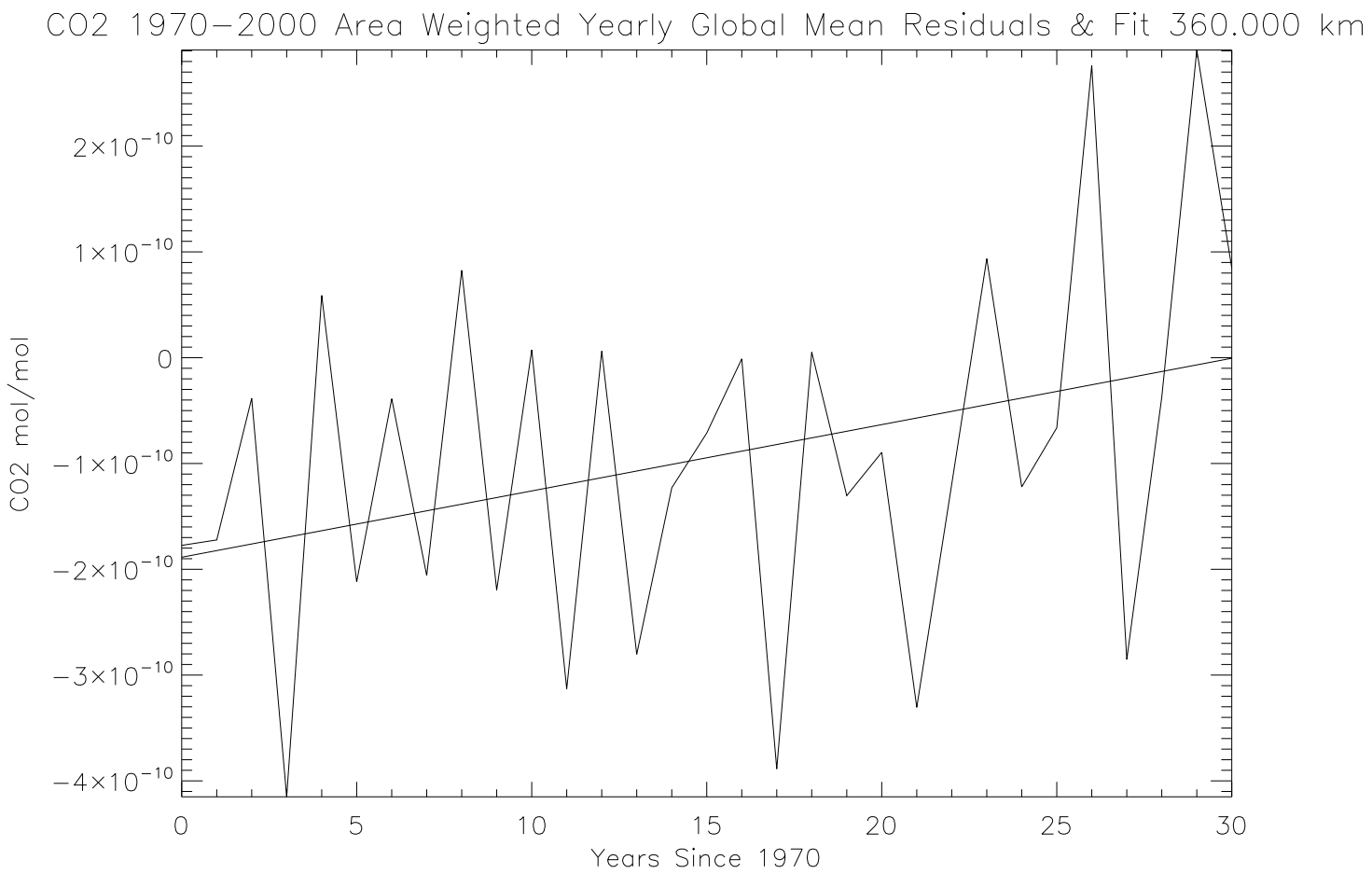

CO2 1955–2005 Area Weighted Yearly Global Mean Residuals & Fit 365.000 km
8×10⁻¹⁰
6×10⁻¹⁰
4×10⁻¹⁰
2×10⁻¹⁰
0
−2×10⁻¹⁰
CO2 mol/mol
0
10
20
30
40
50
Years Since 1955

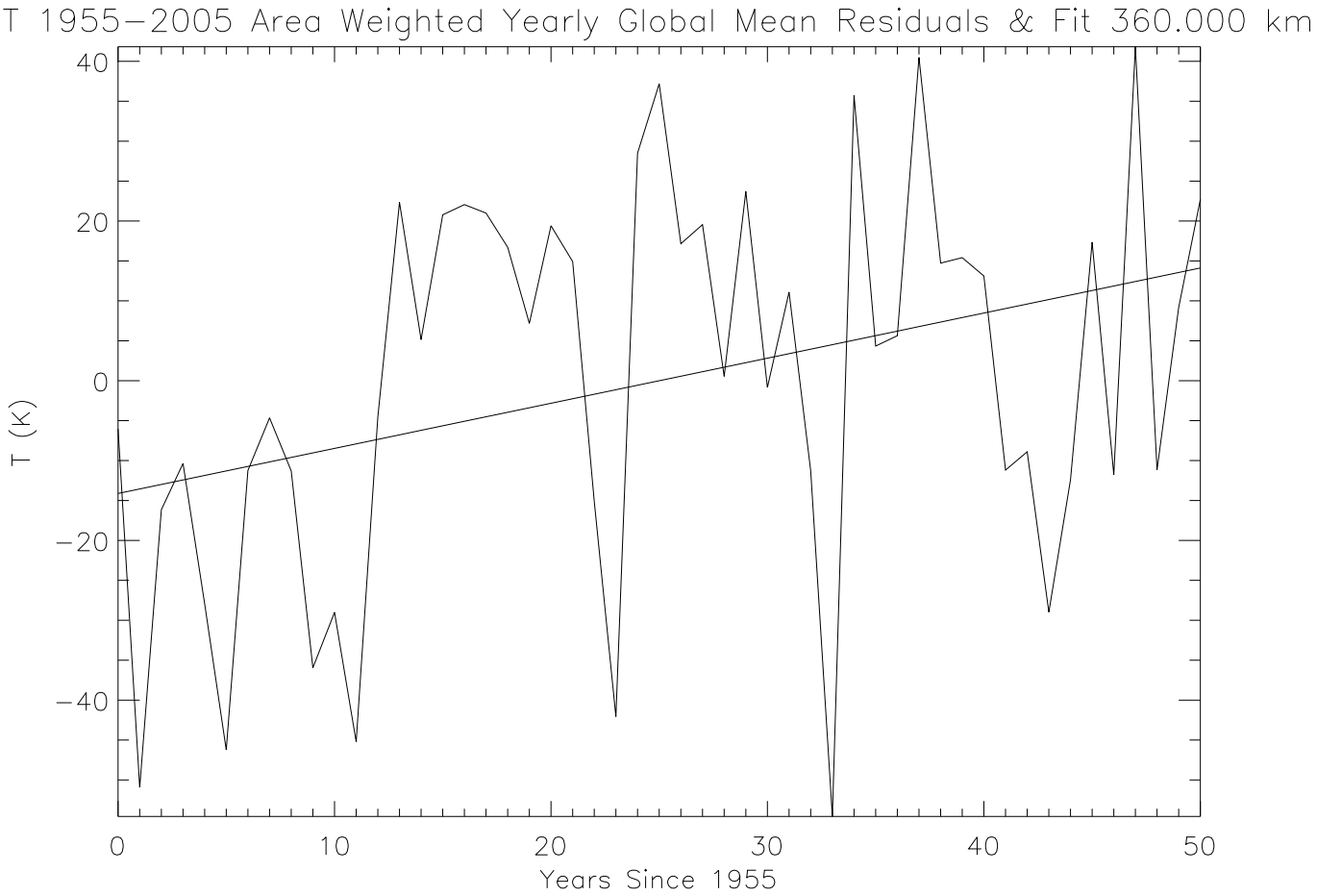

CO2 1970–2000 Area Weighted Yearly Global Mean Residuals & Fit 365.000 km
3×10⁻¹⁰
2×10⁻¹⁰
1×10⁻¹⁰
0
−1×10⁻¹⁰
−2×10⁻¹⁰
−3×10⁻¹⁰
CO2 mol/mol
0
5
10
15
20
25
30
Years Since 1970

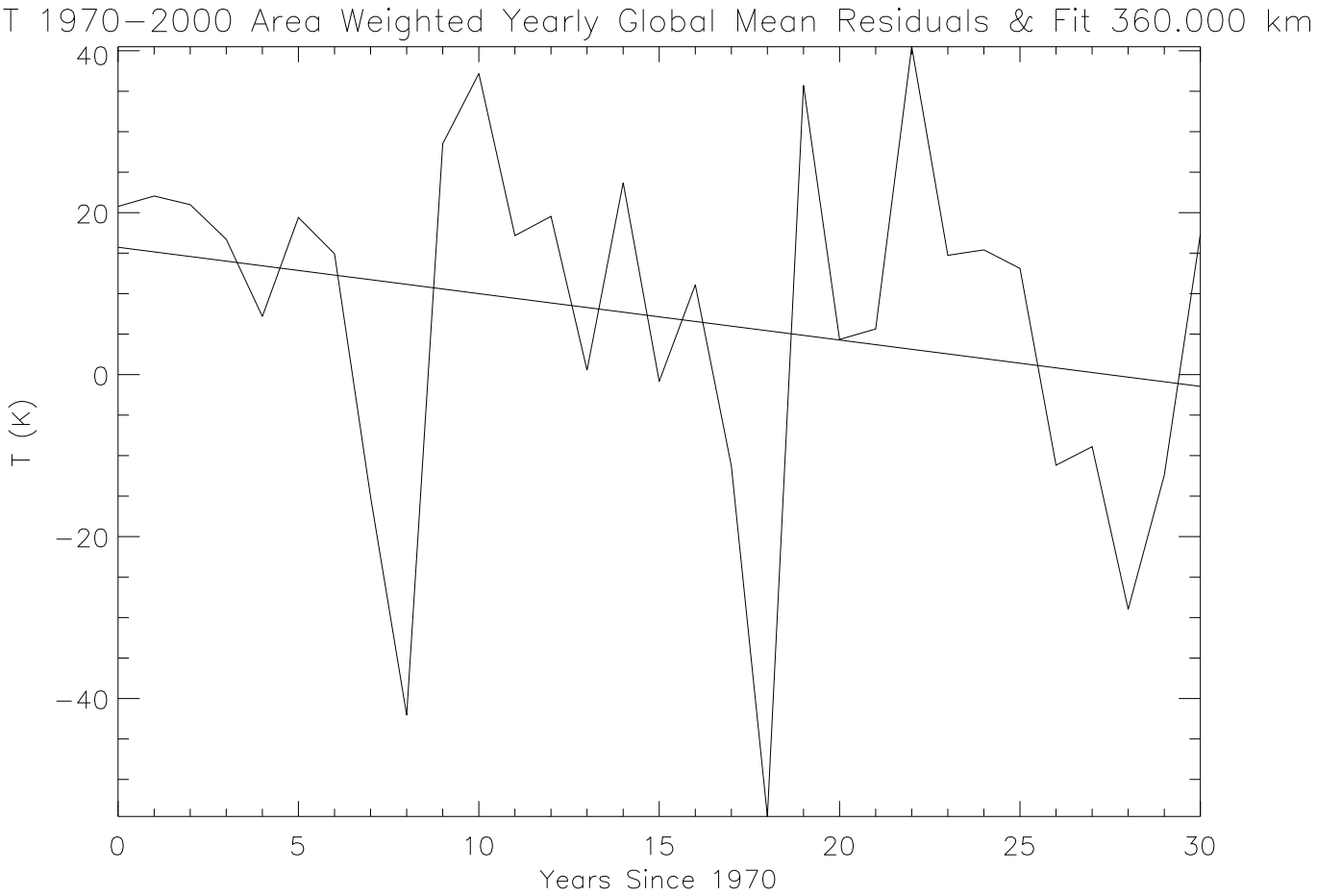

T 1955−2005 Area Weighted Yearly Global Mean Residuals & Fit 365.000 km
40
20
0
−20
−40
T (K)
0
10
20
30
40
50
Years Since 1955

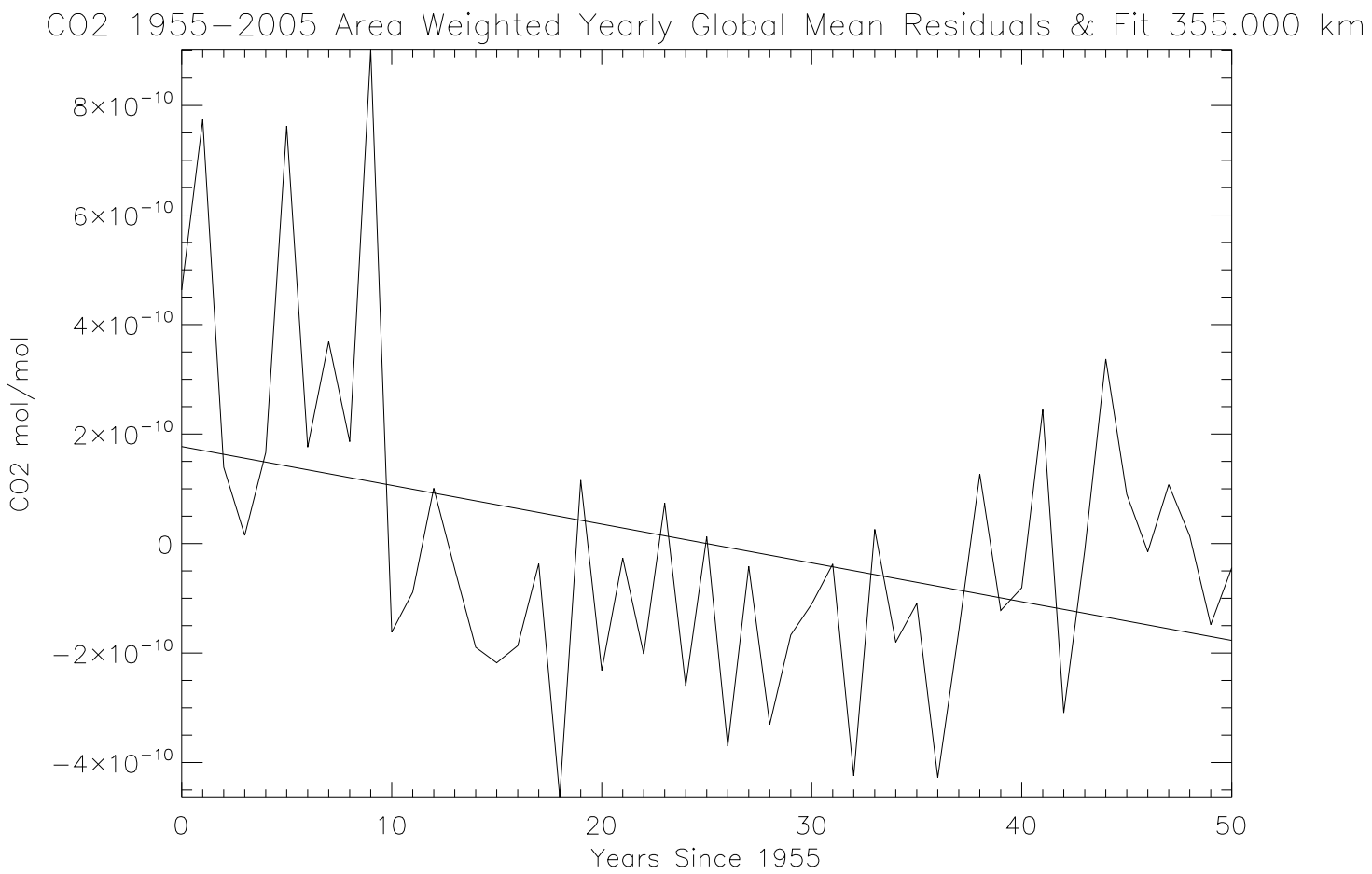

T 1970−2000 Area Weighted Yearly Global Mean Residuals & Fit 365.000 km
40
20
0
−20
−40
T (K)
0
5
10
15
20
25
30
Years Since 1970

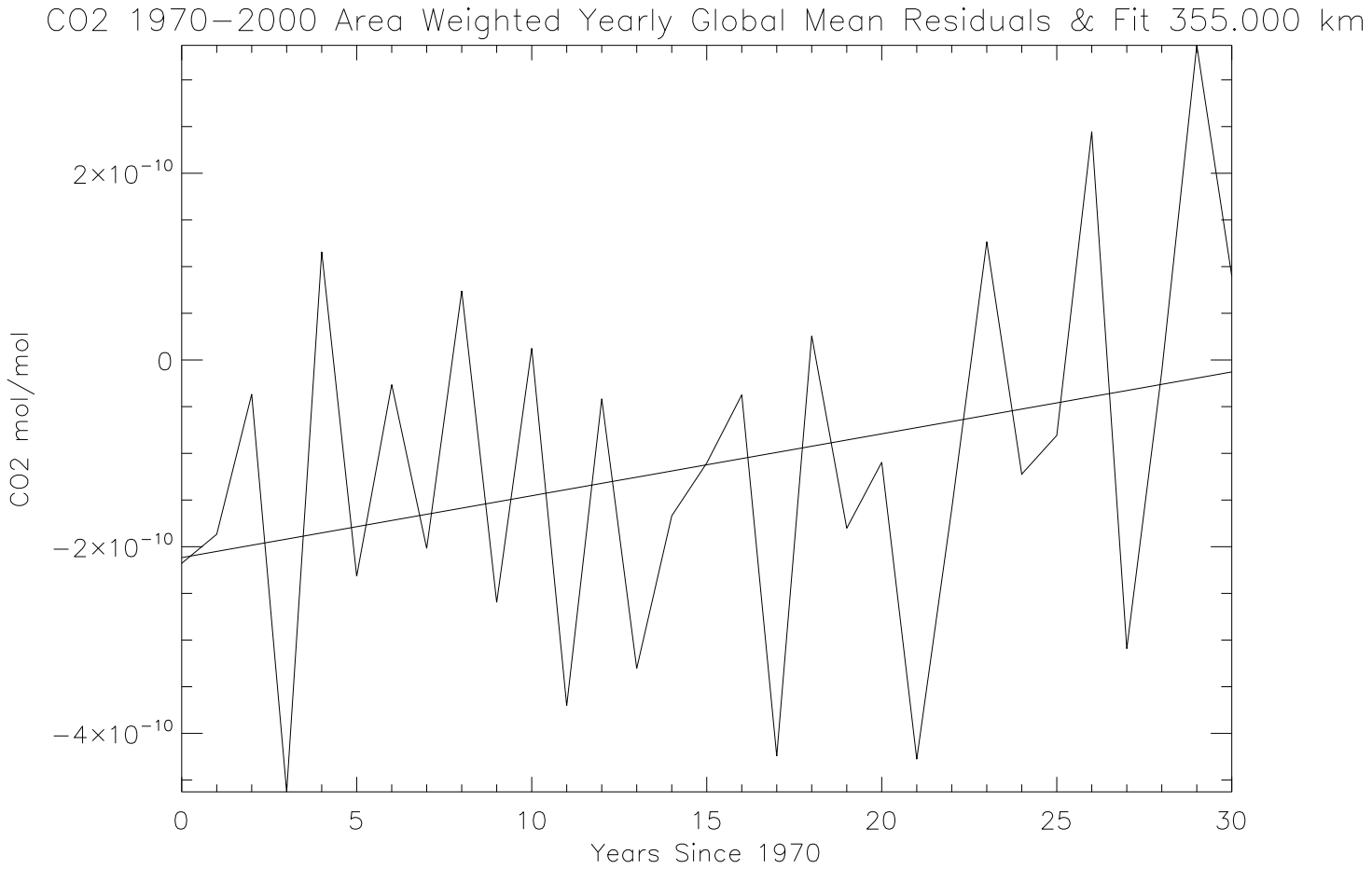

CO2 1955–2005 Area Weighted Yearly Global Mean Residuals & Fit 360.000 km
8×10⁻¹⁰
6×10⁻¹⁰
4×10⁻¹⁰
2×10⁻¹⁰
0
−2×10⁻¹⁰
−4×10⁻¹⁰
CO2 mol/mol
0
10
20
30
40
50
Years Since 1955

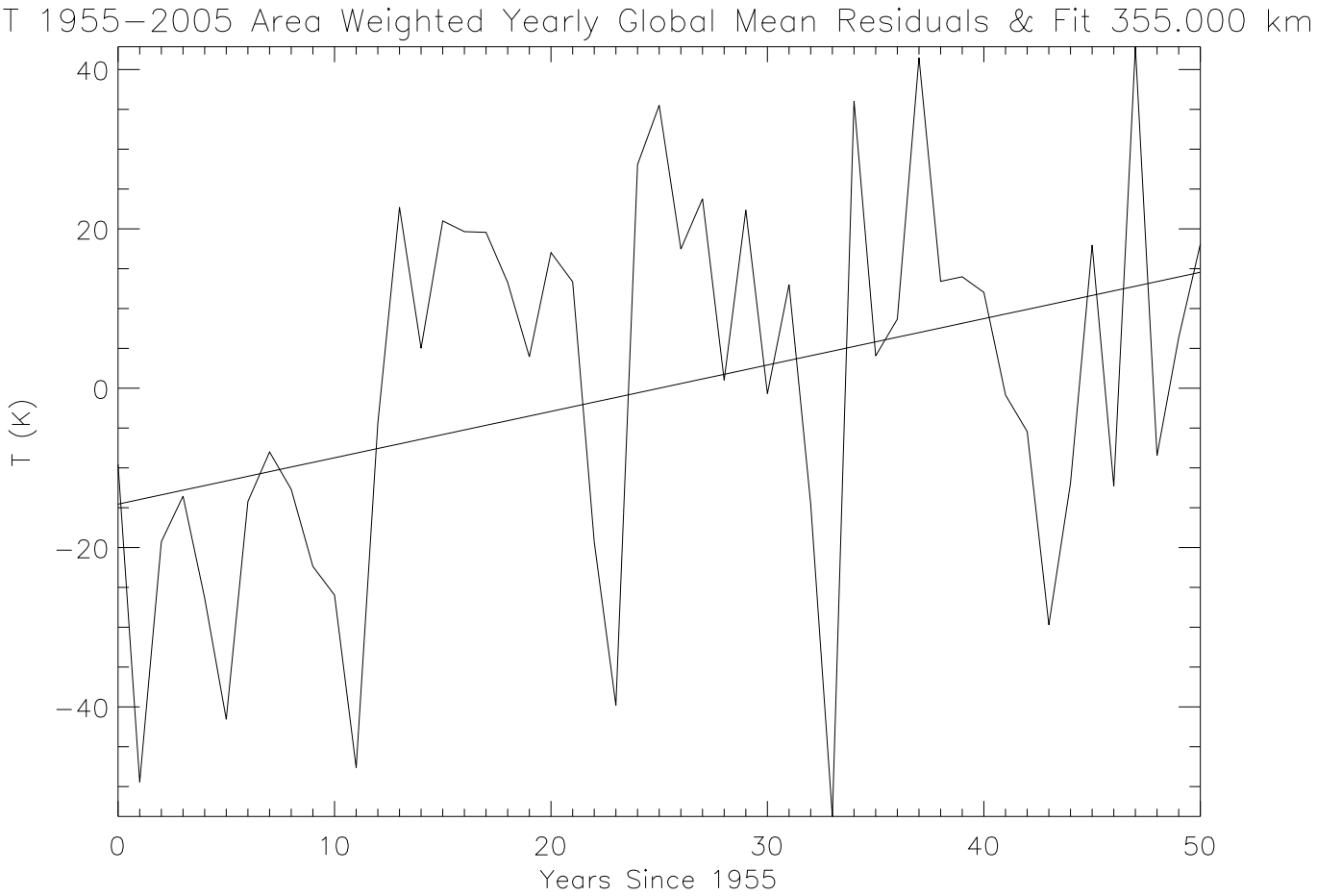

CO2 1970−2000 Area Weighted Yearly Global Mean Residuals & Fit 360.000 km
CO2 mol/mol
2×10−10
1×10−10
0
−1×10−10
−2×10−10
−3×10−10
−4×10−10
0
5
10
15
20
25
30
Years Since 1970

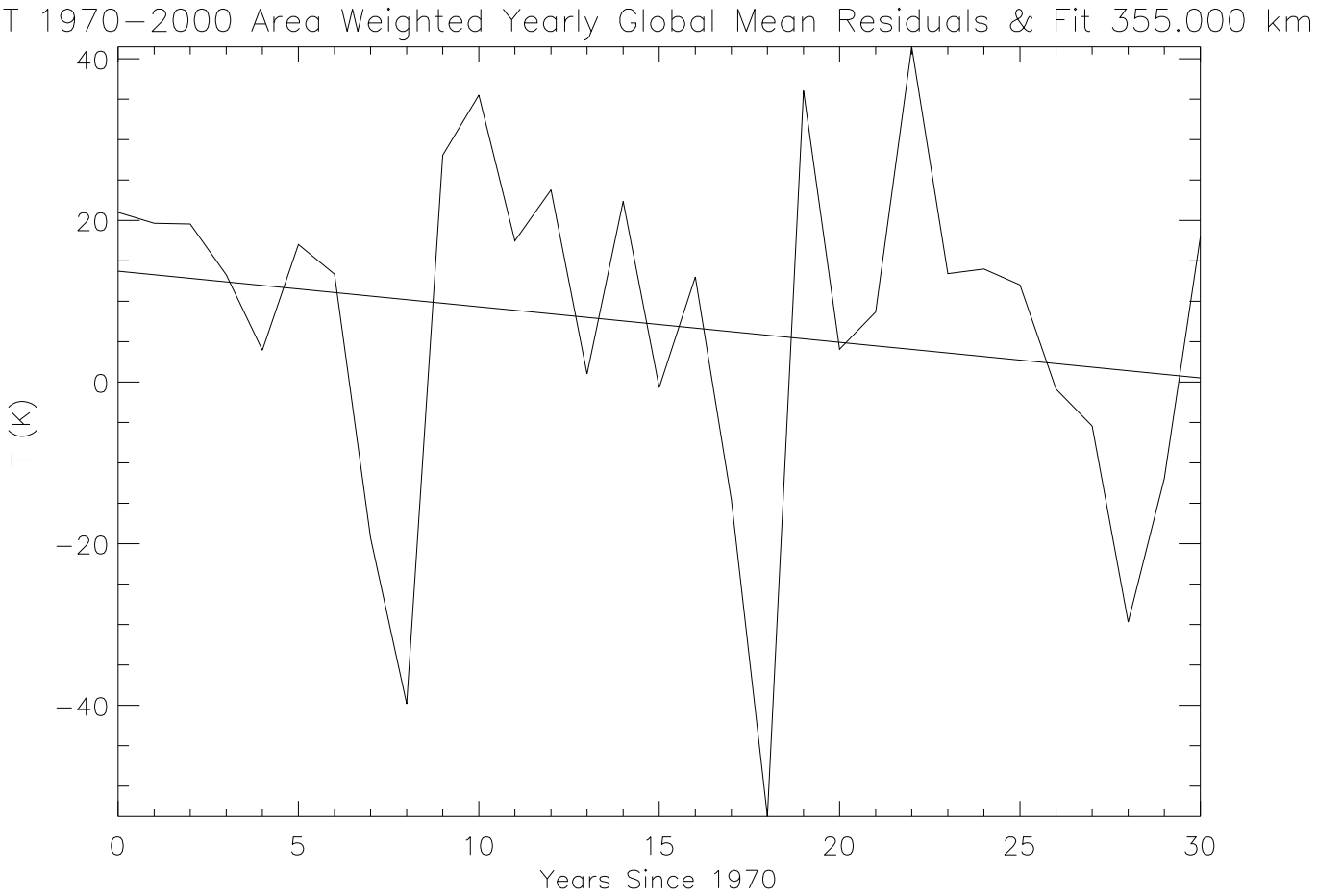

T 1955−2005 Area Weighted Yearly Global Mean Residuals & Fit 360.000 km
T (K)
40
20
0
−20
−40
0
10
20
30
40
50
Years Since 1955

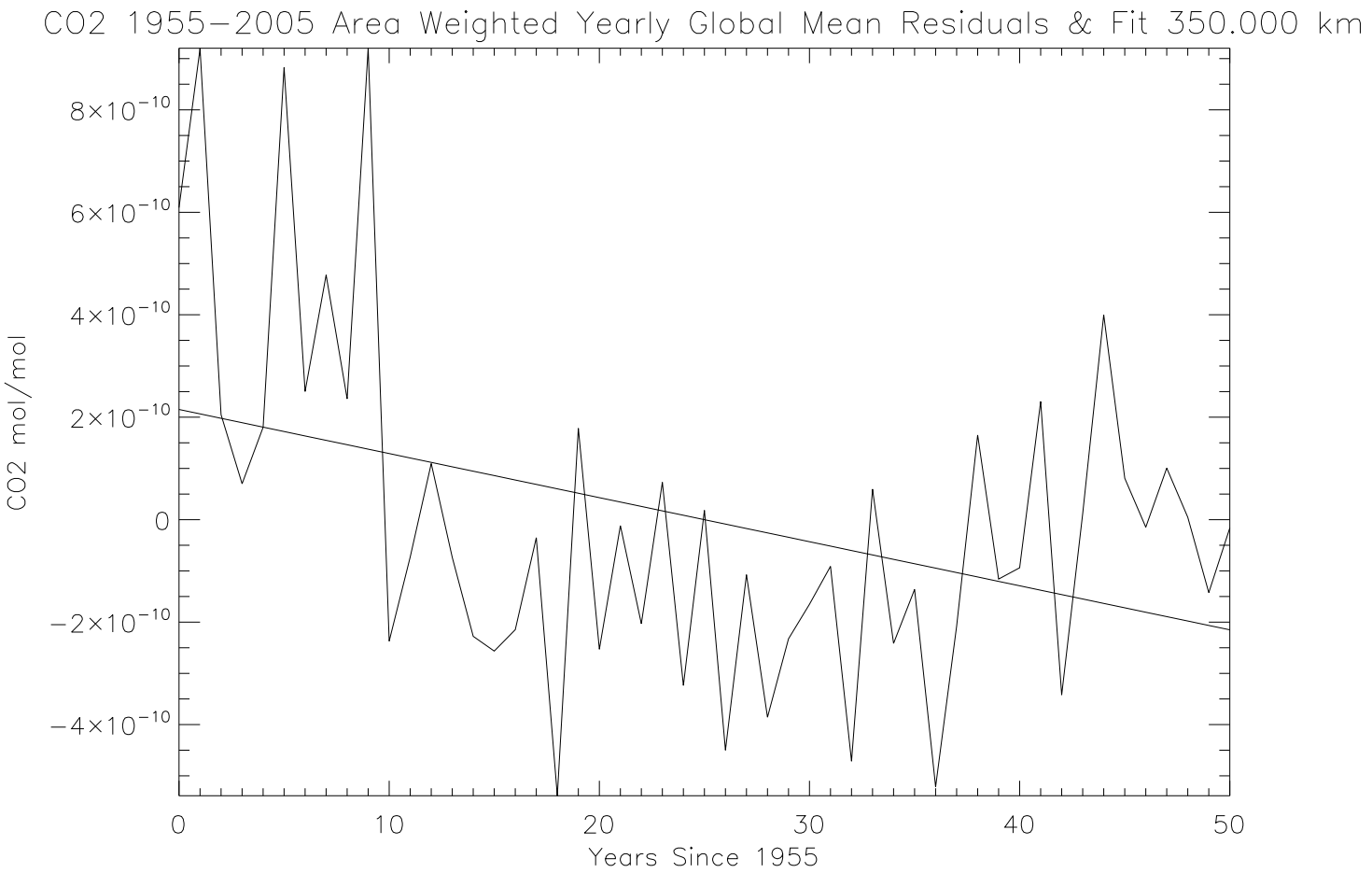

T 1970−2000 Area Weighted Yearly Global Mean Residuals & Fit 360.000 km
40
20
0
−20
−40
T (K)
0
5
10
15
20
25
30
Years Since 1970

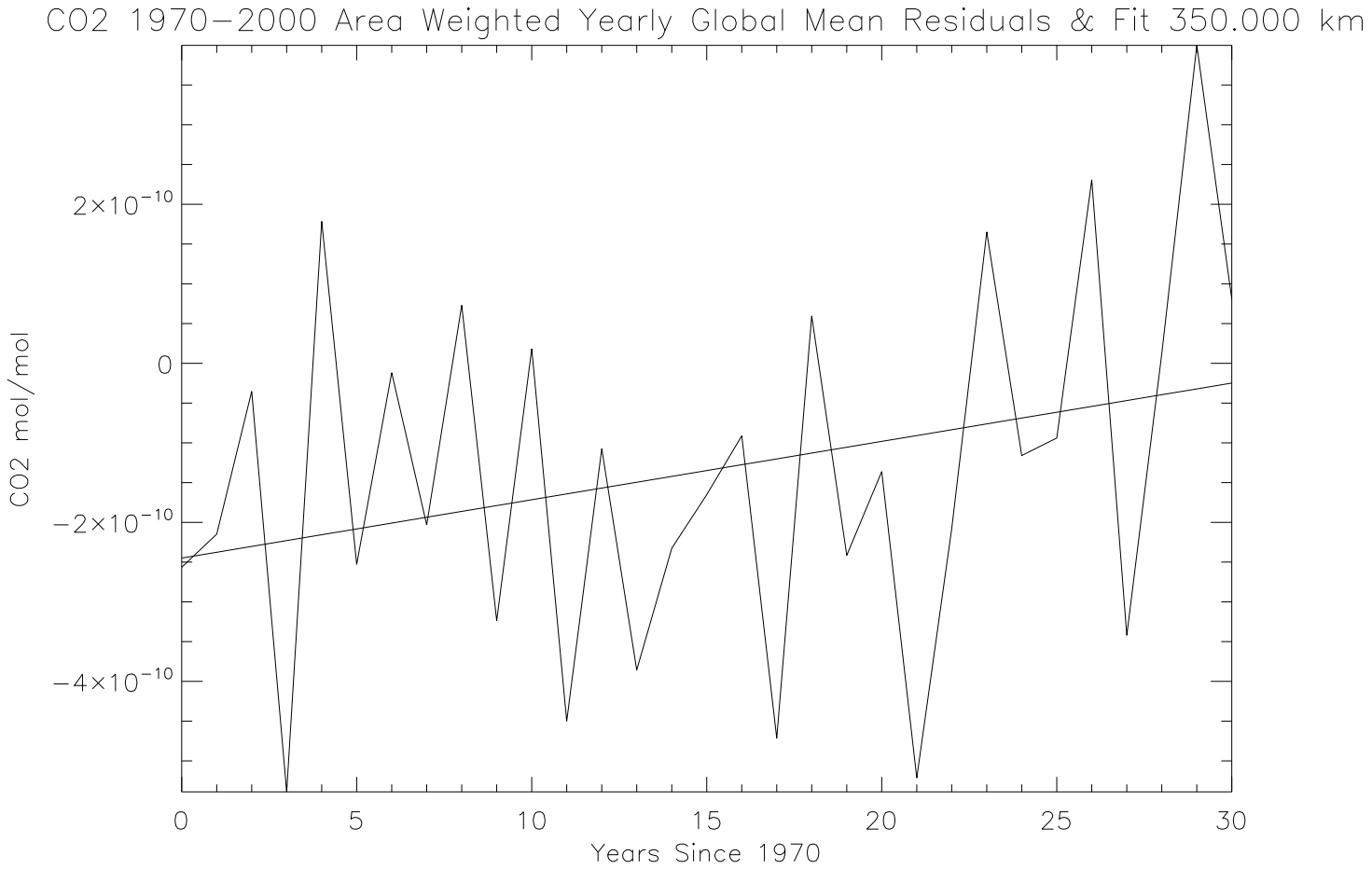

CO2 1955–2005 Area Weighted Yearly Global Mean Residuals & Fit 355.000 km
CO2 mol/mol
8×10⁻¹⁰
6×10⁻¹⁰
4×10⁻¹⁰
2×10⁻¹⁰
0
−2×10⁻¹⁰
−4×10⁻¹⁰
0
10
20
30
40
50
Years Since 1955

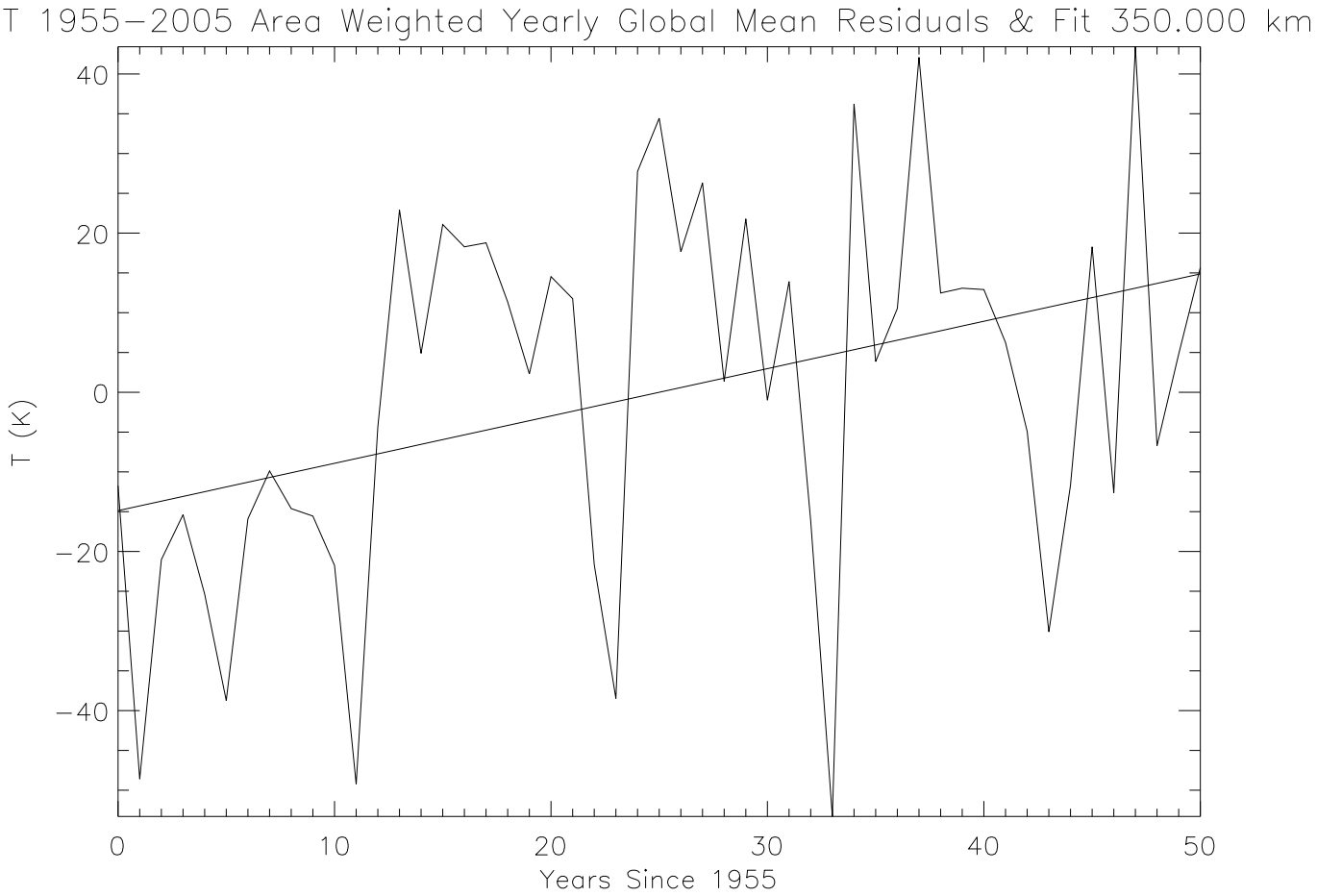

CO2 1970−2000 Area Weighted Yearly Global Mean Residuals & Fit 355.000 km
2×10⁻¹⁰
0
−2×10⁻¹⁰
−4×10⁻¹⁰
CO2 mol/mol
0
5
10
15
20
25
30
Years Since 1970

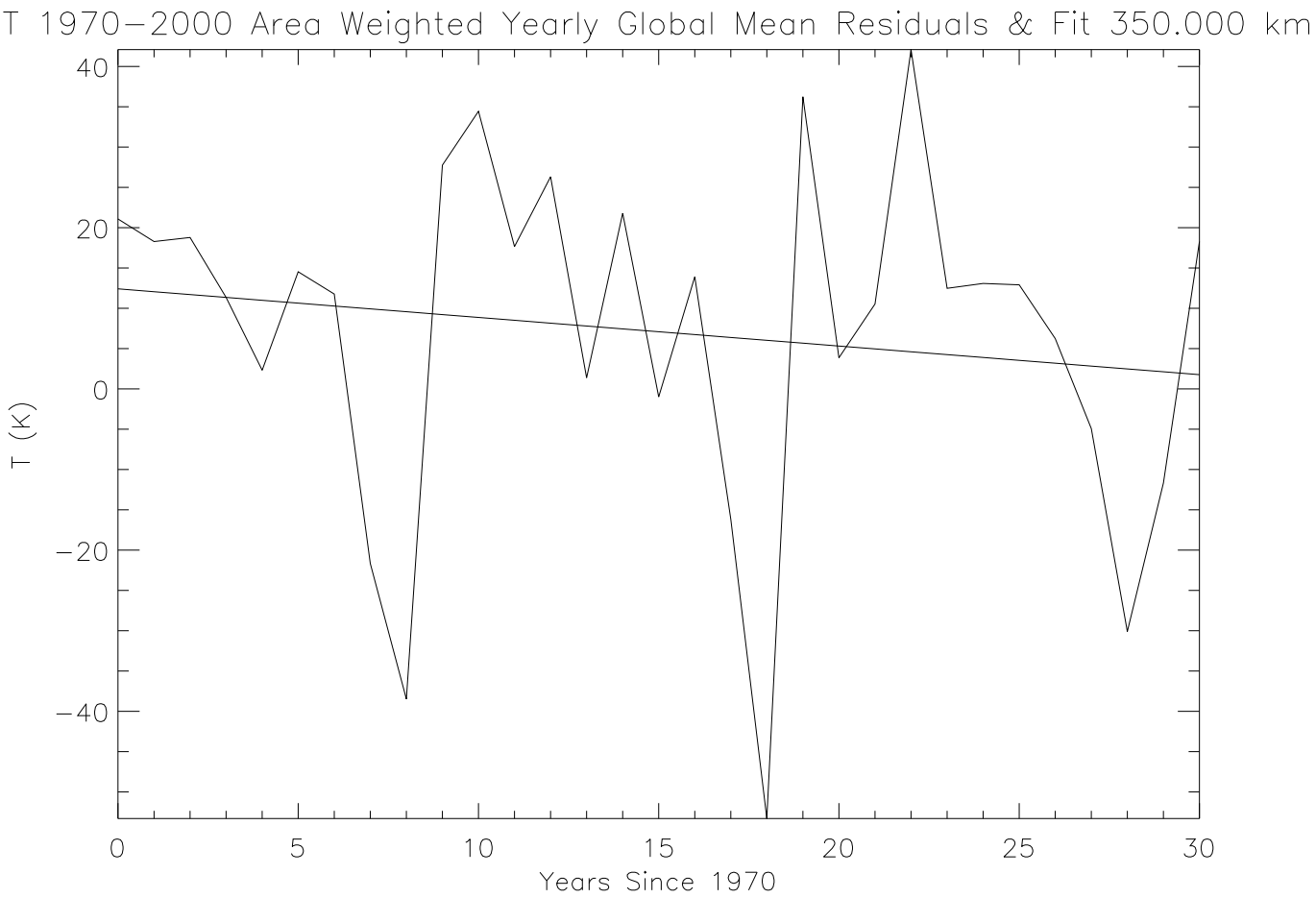

T 1955−2005 Area Weighted Yearly Global Mean Residuals & Fit 355.000 km
T (K)
40
20
0
−20
−40
0
10
20
30
40
50
Years Since 1955

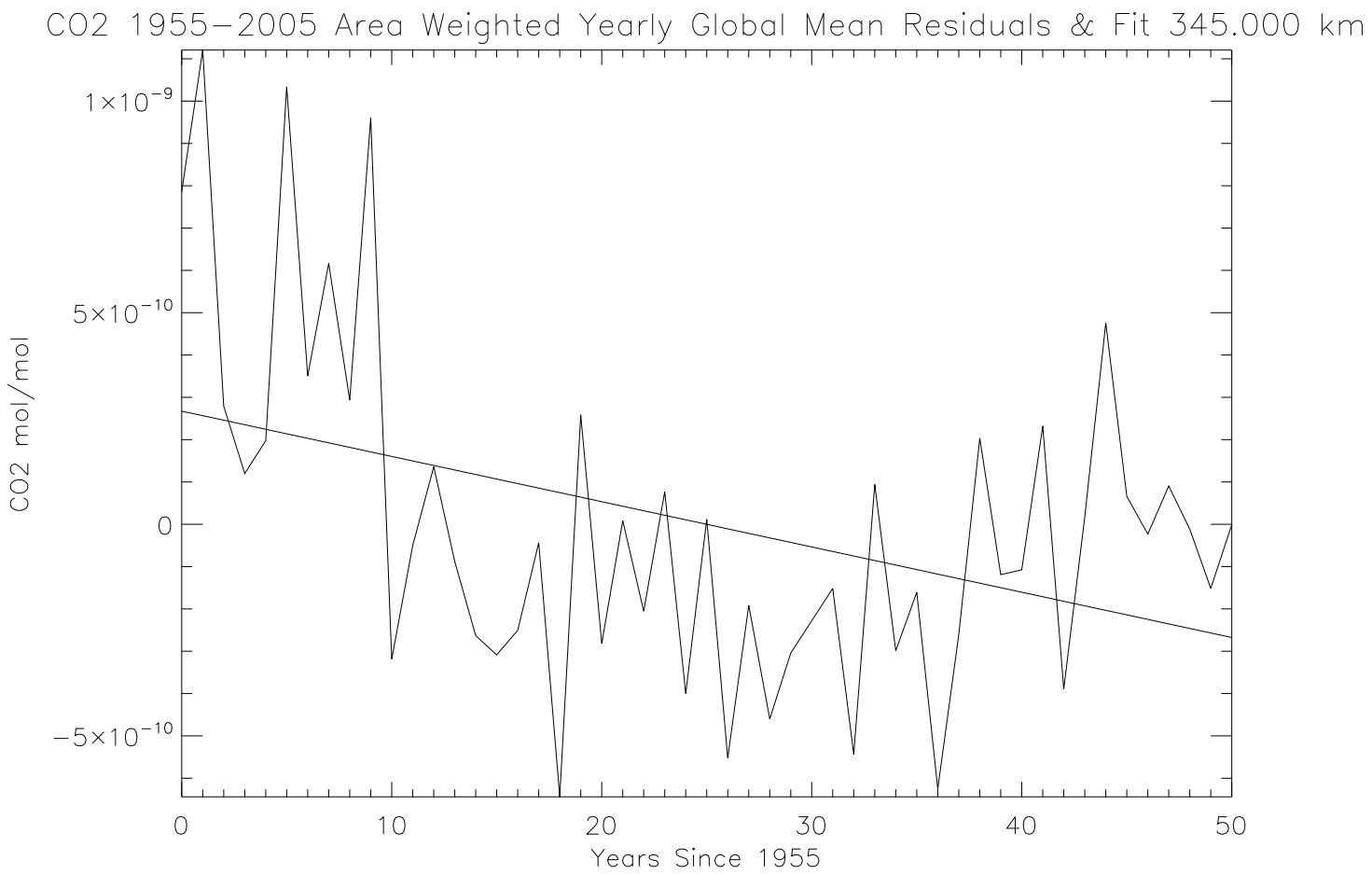

T 1970−2000 Area Weighted Yearly Global Mean Residuals & Fit 355.000 km
40
20
0
−20
−40
T (K)
0
5
10
15
20
25
30
Years Since 1970

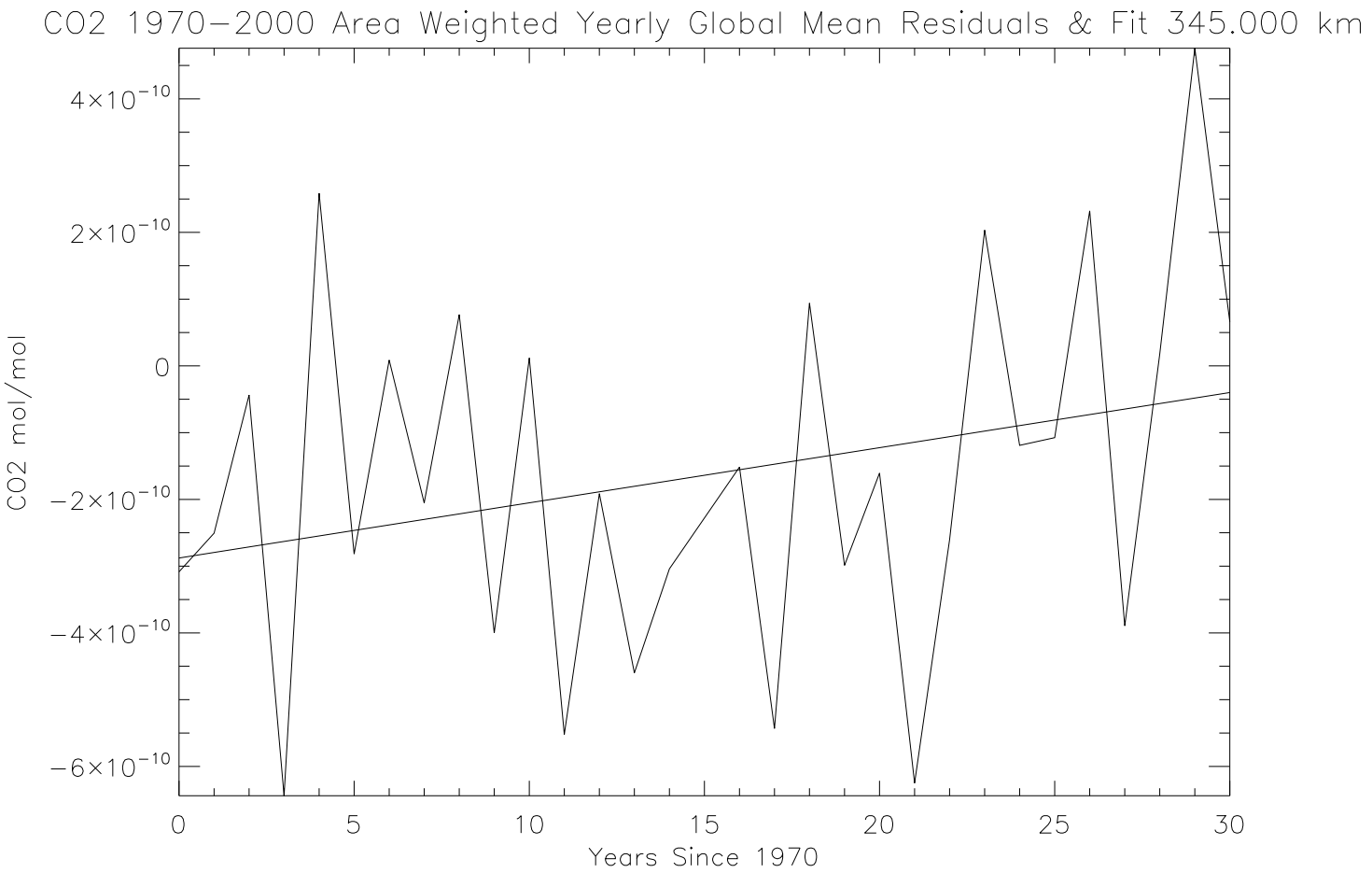

CO2 1955–2005 Area Weighted Yearly Global Mean Residuals & Fit 350.000 km
8×10⁻¹⁰
6×10⁻¹⁰
4×10⁻¹⁰
2×10⁻¹⁰
0
−2×10⁻¹⁰
−4×10⁻¹⁰
CO2 mol/mol
0
10
20
30
40
50
Years Since 1955

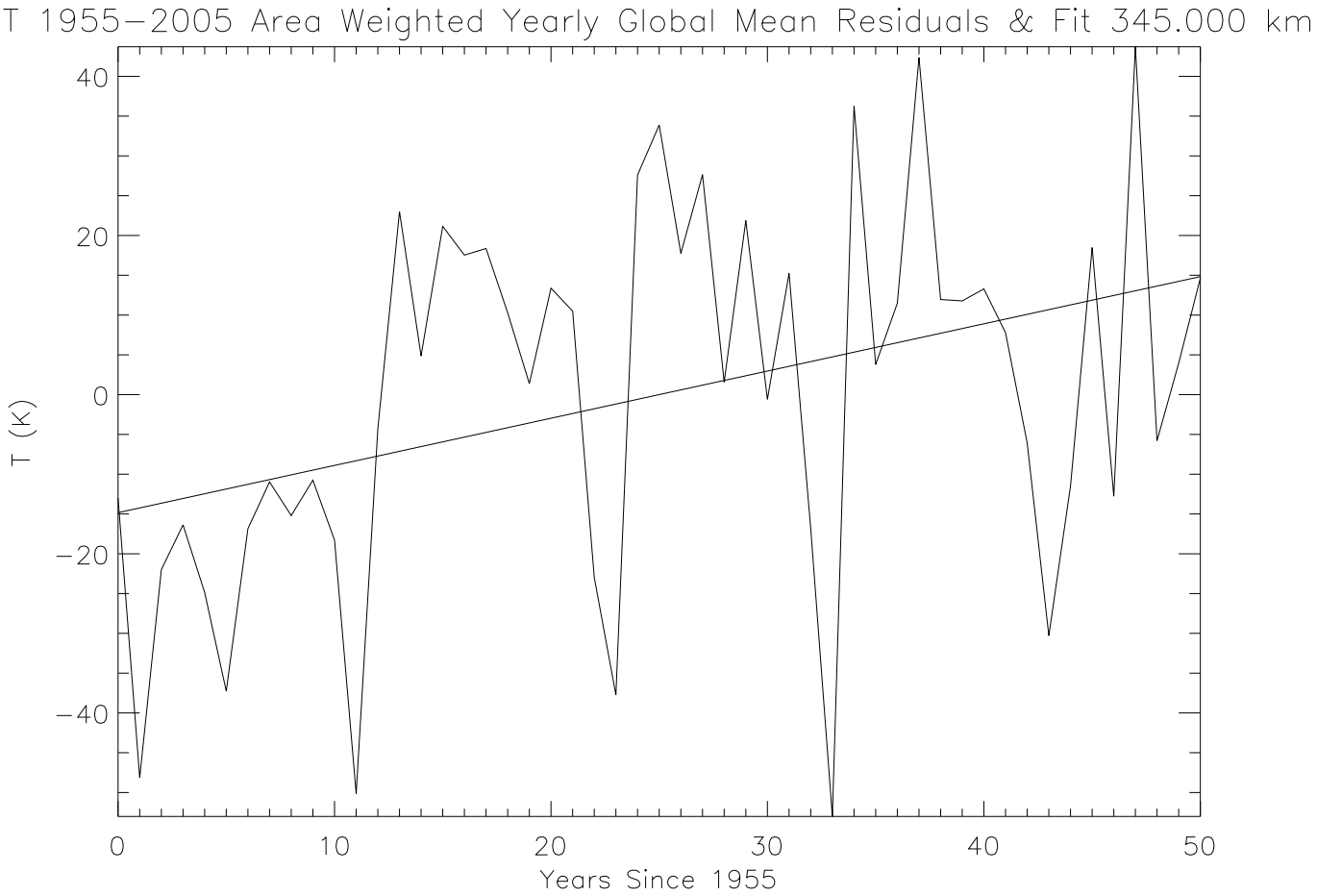

CO2 1970−2000 Area Weighted Yearly Global Mean Residuals & Fit 350.000 km
2×10⁻¹⁰
0
−2×10⁻¹⁰
−4×10⁻¹⁰
CO2 mol/mol
0
5
10
15
20
25
30
Years Since 1970

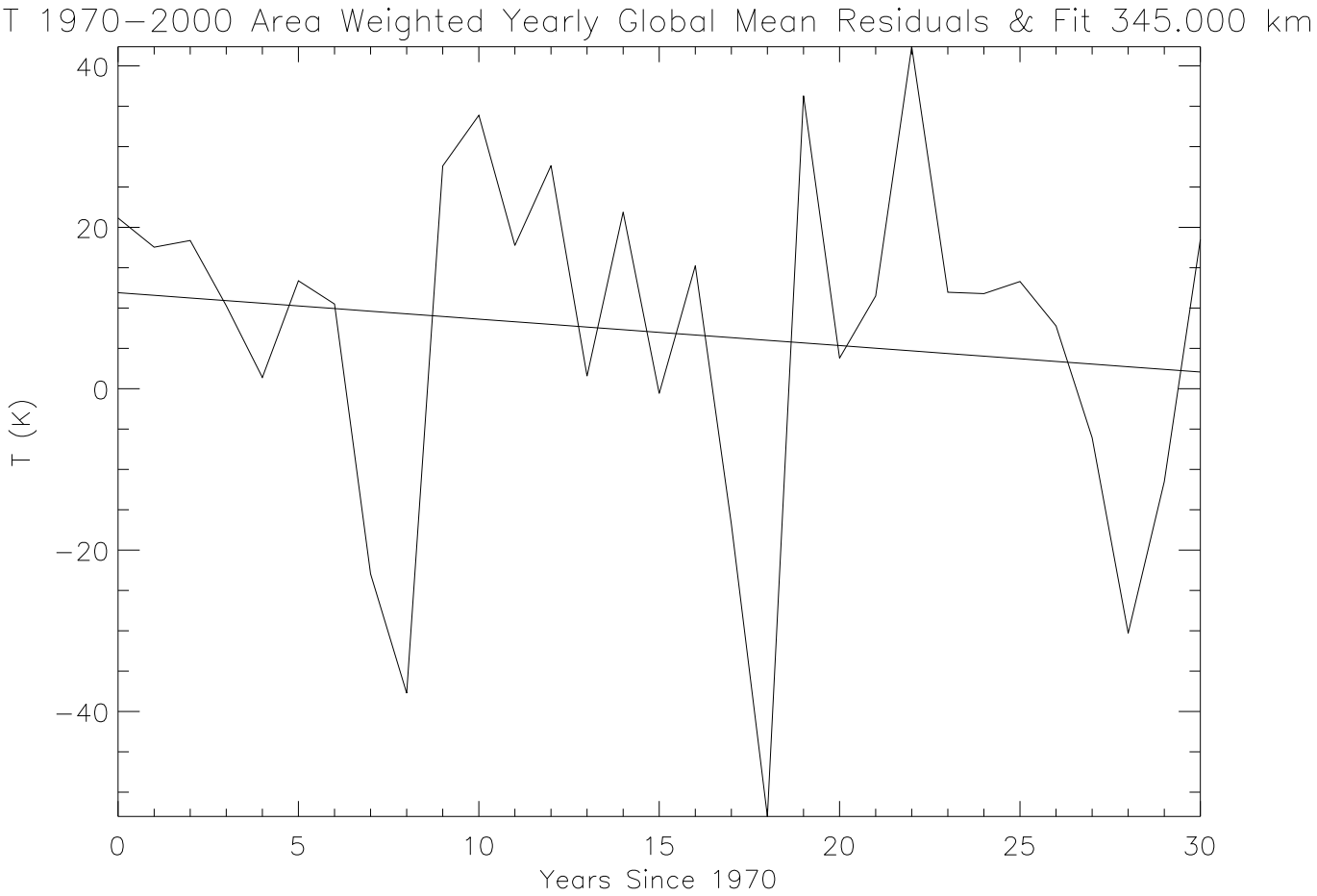

T 1955−2005 Area Weighted Yearly Global Mean Residuals & Fit 350.000 km
T (K)
40
20
0
−20
−40
0
10
20
30
40
50
Years Since 1955

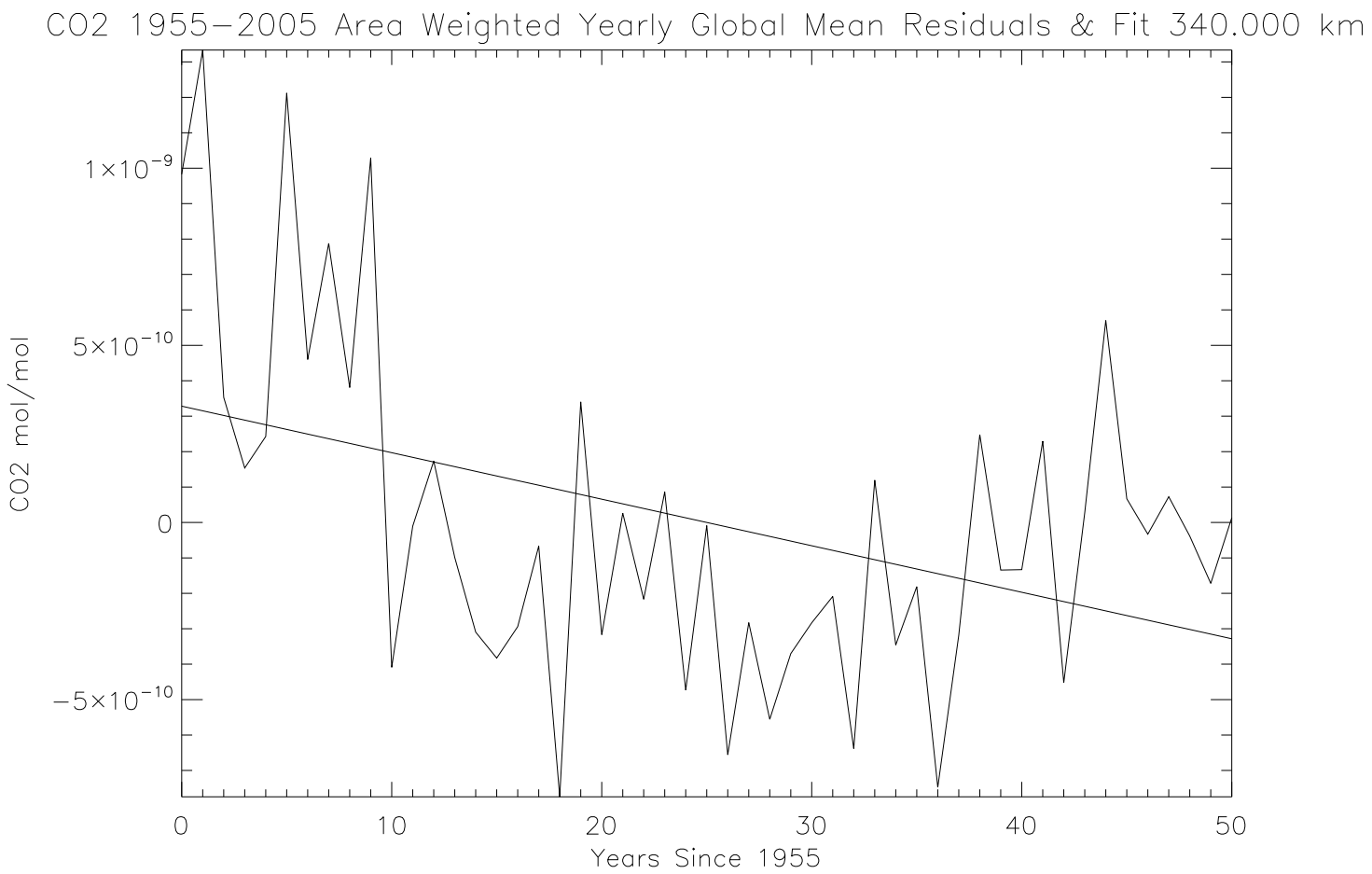

T 1970−2000 Area Weighted Yearly Global Mean Residuals & Fit 350.000 km
40
20
0
−20
−40
T (K)
0
5
10
15
20
25
30
Years Since 1970

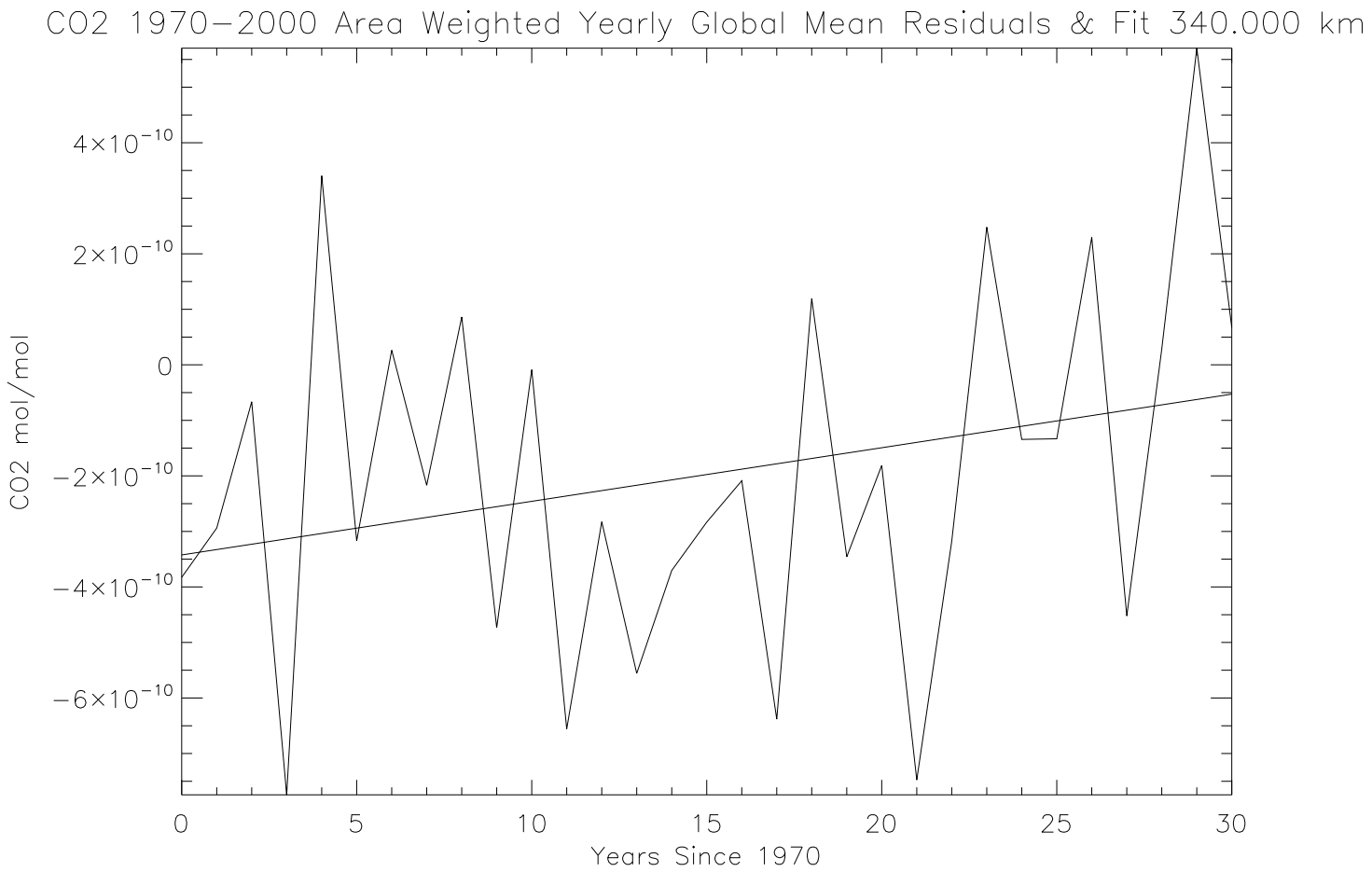

CO2 1955–2005 Area Weighted Yearly Global Mean Residuals & Fit 345.000 km
1×10⁻⁹
5×10⁻¹⁰
0
−5×10⁻¹⁰
CO2 mol/mol
0
10
20
30
40
50
Years Since 1955

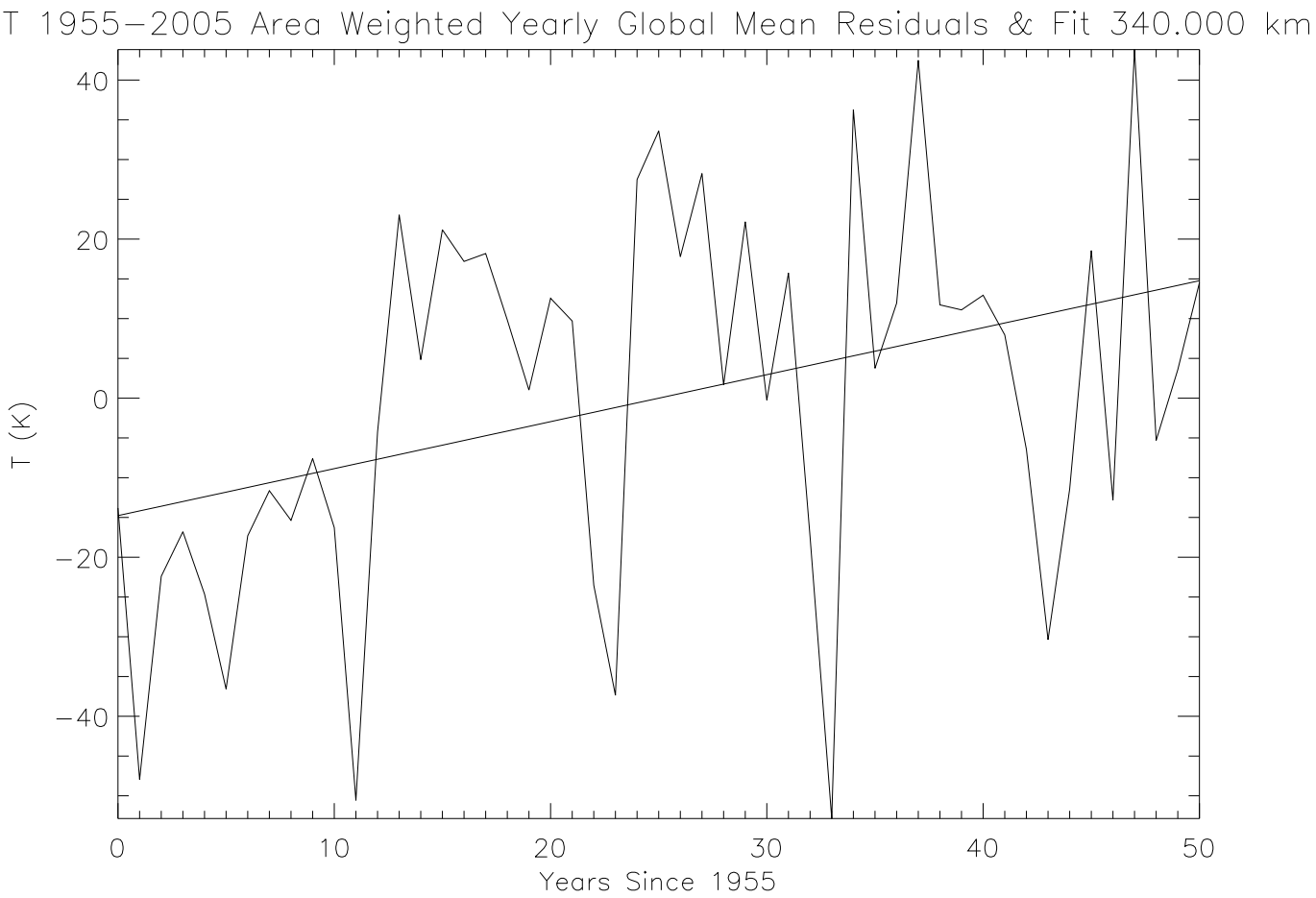

CO2 1970−2000 Area Weighted Yearly Global Mean Residuals & Fit 345.000 km
4×10⁻¹⁰
2×10⁻¹⁰
0
−2×10⁻¹⁰
−4×10⁻¹⁰
−6×10⁻¹⁰
CO2 mol/mol
0
5
10
15
20
25
30
Years Since 1970

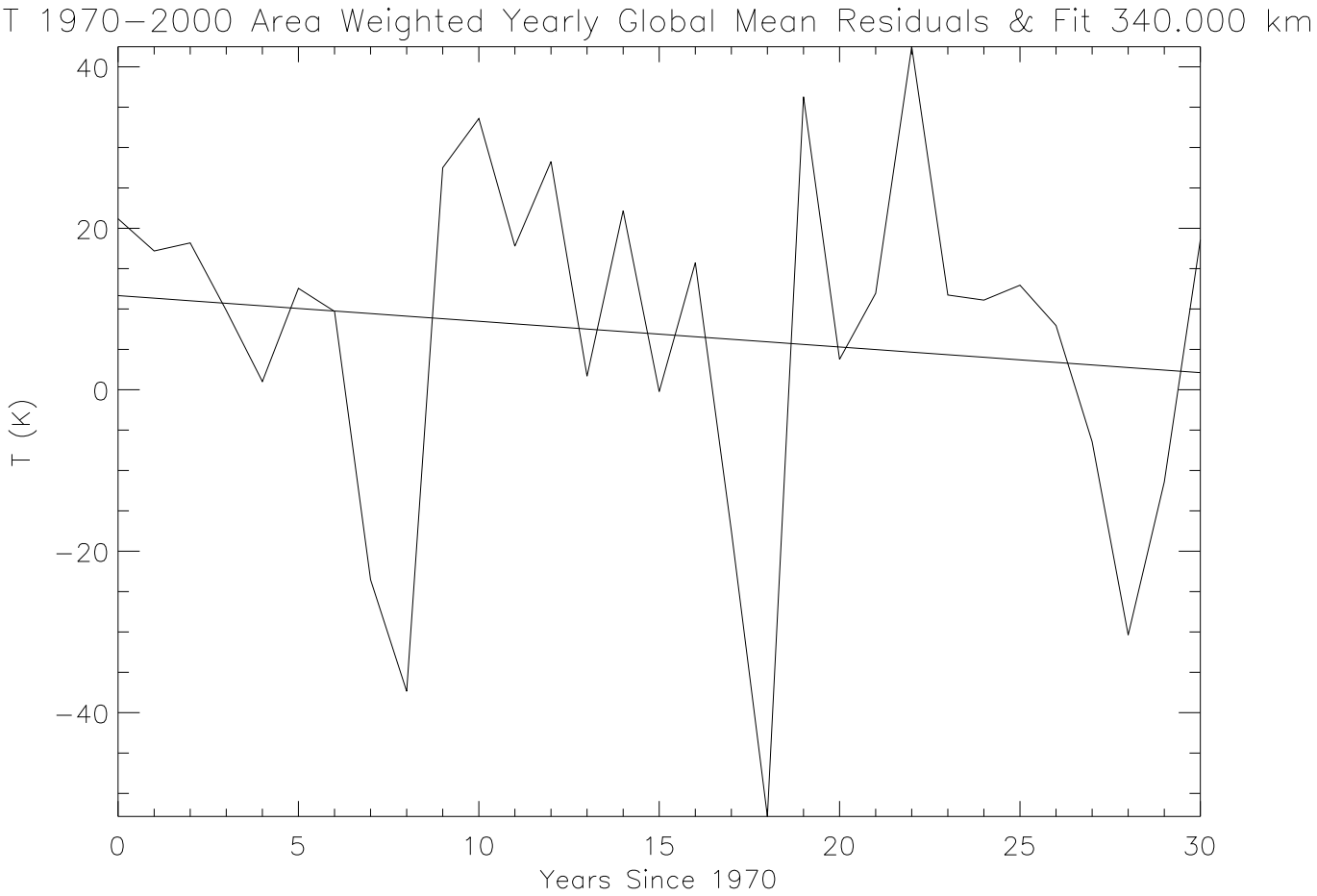

T 1955−2005 Area Weighted Yearly Global Mean Residuals & Fit 345.000 km
T (K)
40
20
0
−20
−40
0
10
20
30
40
50
Years Since 1955

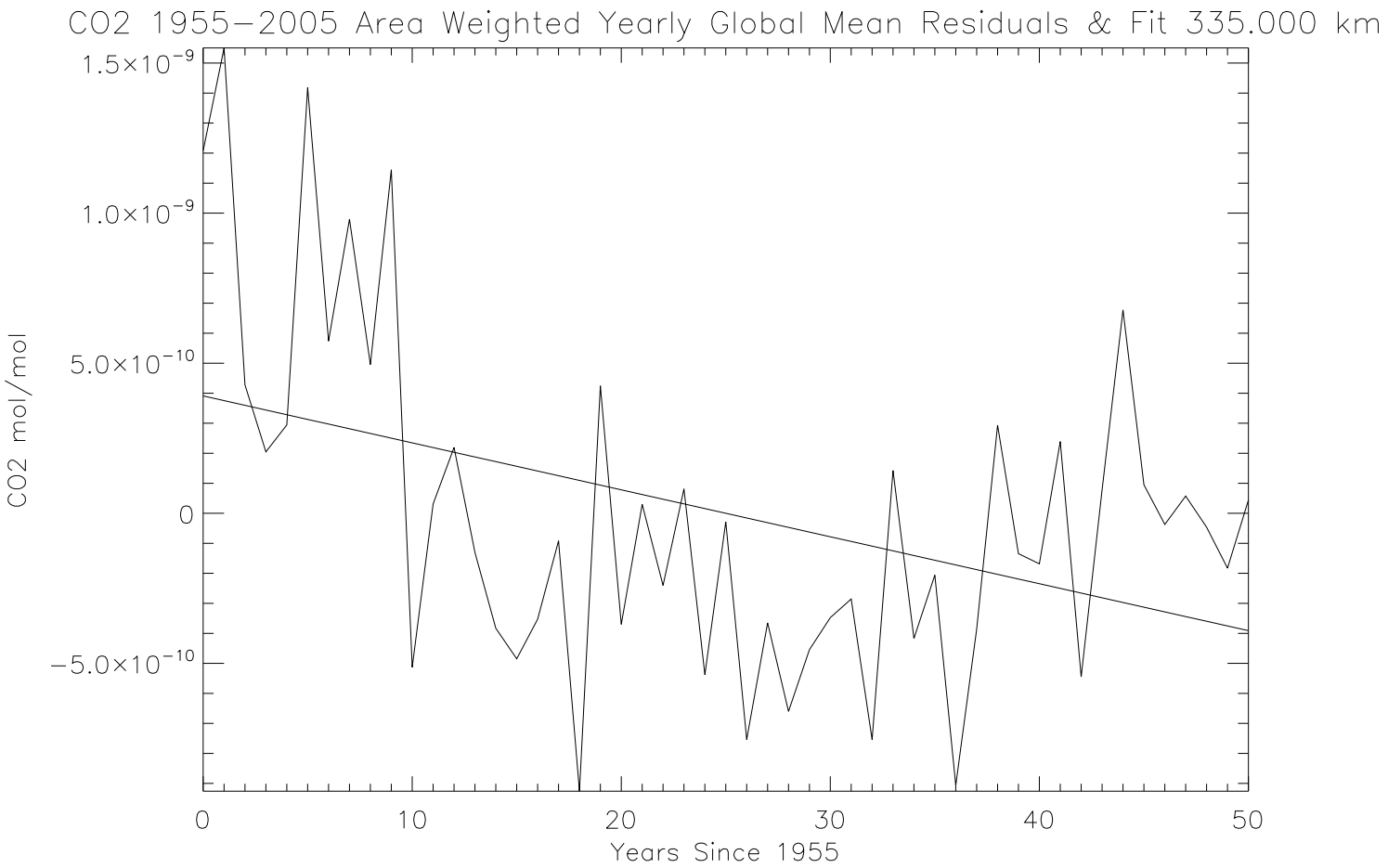

T 1970−2000 Area Weighted Yearly Global Mean Residuals & Fit 345.000 km
40
20
0
−20
−40
T (K)
0
5
10
15
20
25
30
Years Since 1970

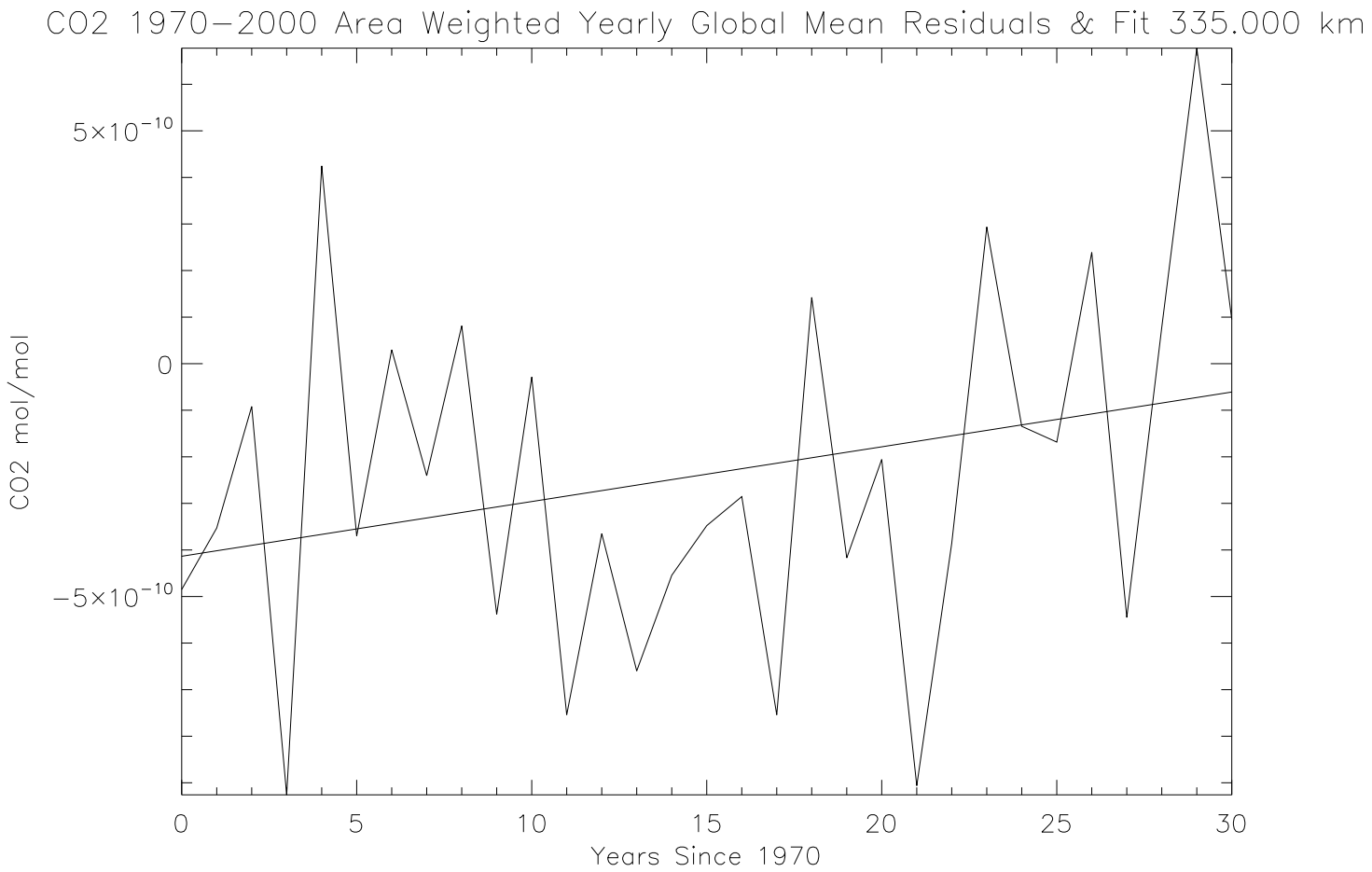

CO2 1955–2005 Area Weighted Yearly Global Mean Residuals & Fit 340.000 km
1×10⁻⁹
5×10⁻¹⁰
0
−5×10⁻¹⁰
CO2 mol/mol
0
10
20
30
40
50
Years Since 1955

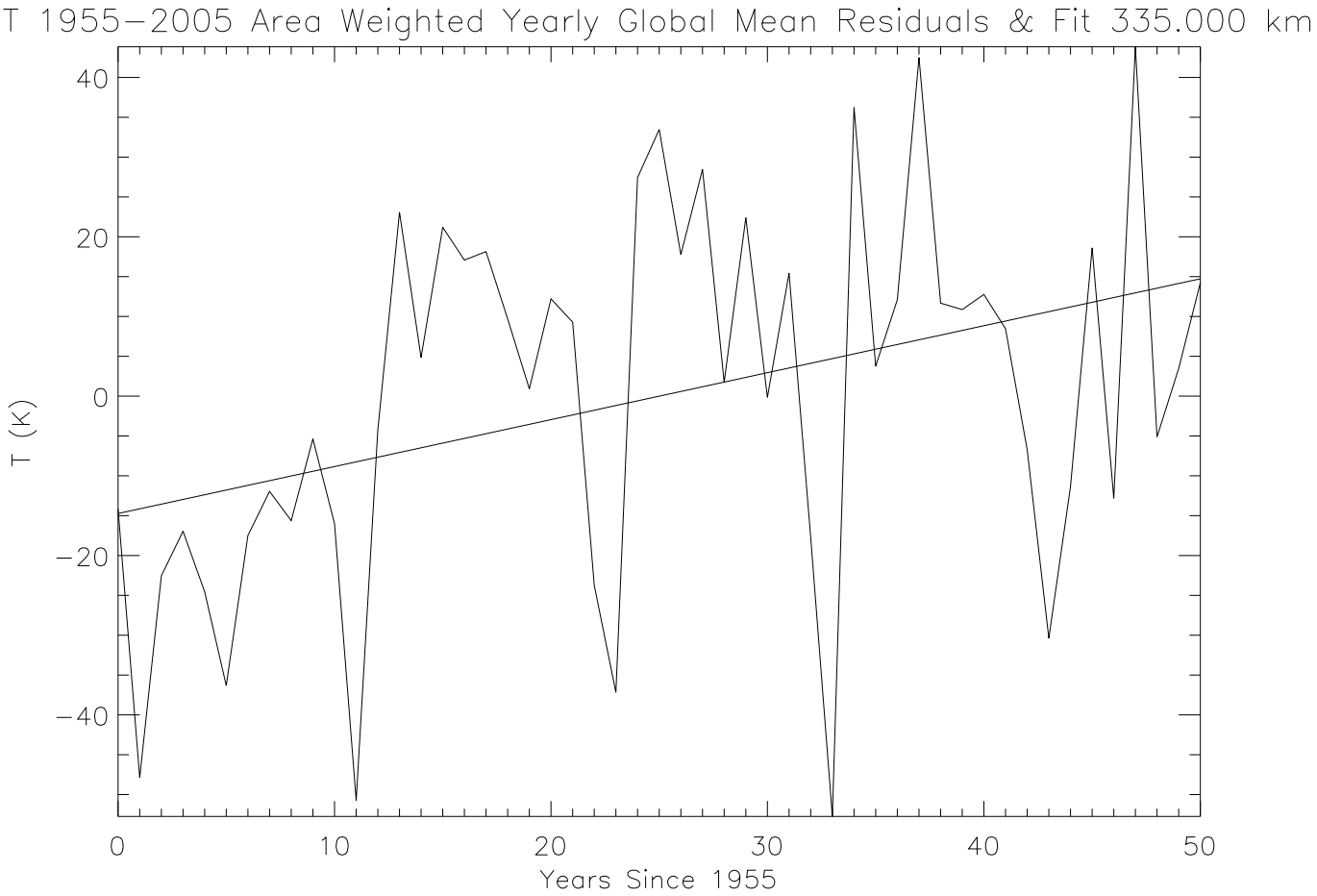

CO2 1970−2000 Area Weighted Yearly Global Mean Residuals & Fit 340.000 km
CO2 mol/mol
4×10−10
2×10−10
0
−2×10−10
−4×10−10
−6×10−10
0
5
10
15
20
25
30
Years Since 1970

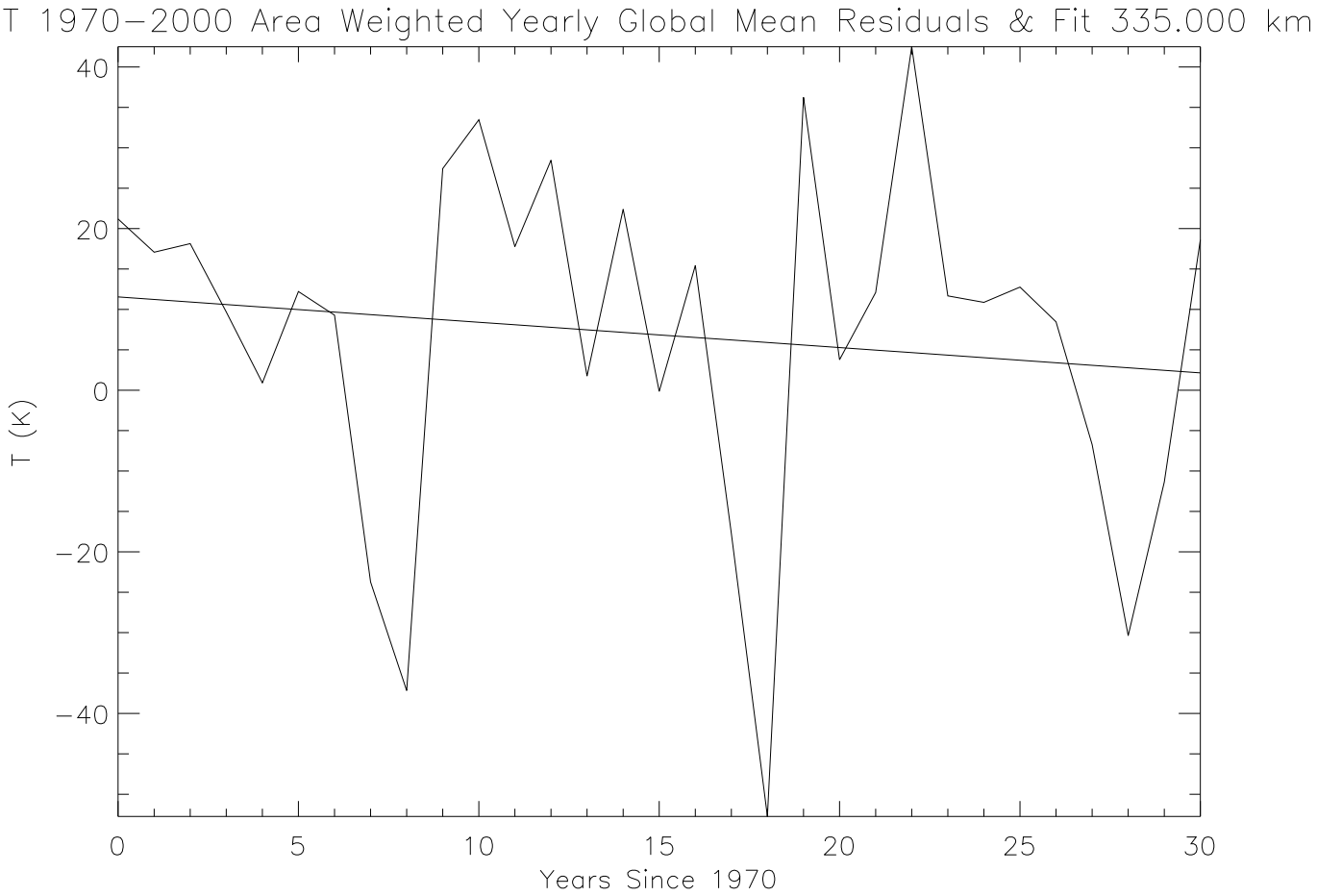

T 1955−2005 Area Weighted Yearly Global Mean Residuals & Fit 340.000 km
T (K)
40
20
0
−20
−40
0
10
20
30
40
50
Years Since 1955

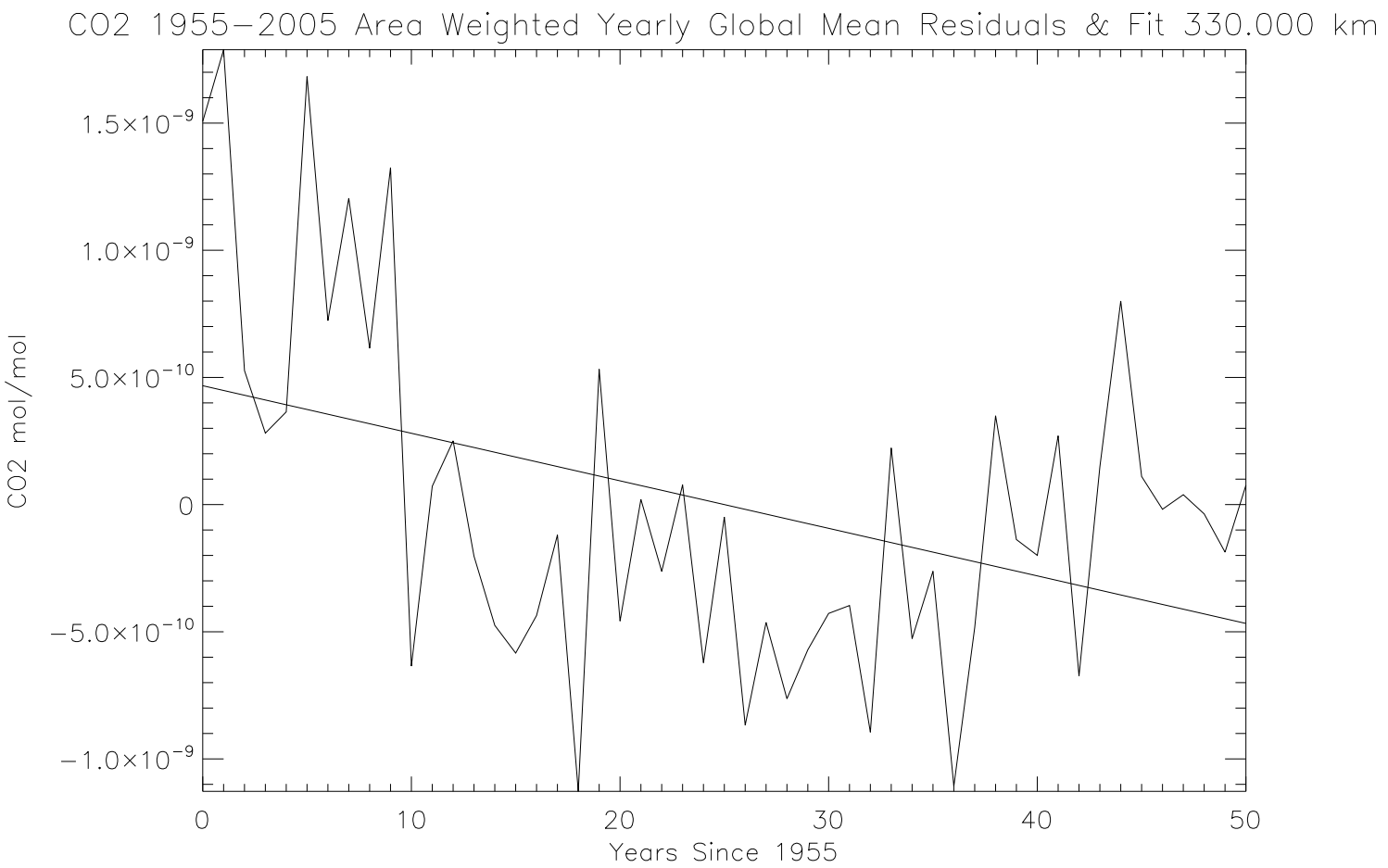

T 1970−2000 Area Weighted Yearly Global Mean Residuals & Fit 340.000 km
T (K)
40
20
0
−20
−40
0
5
10
15
20
25
30
Years Since 1970

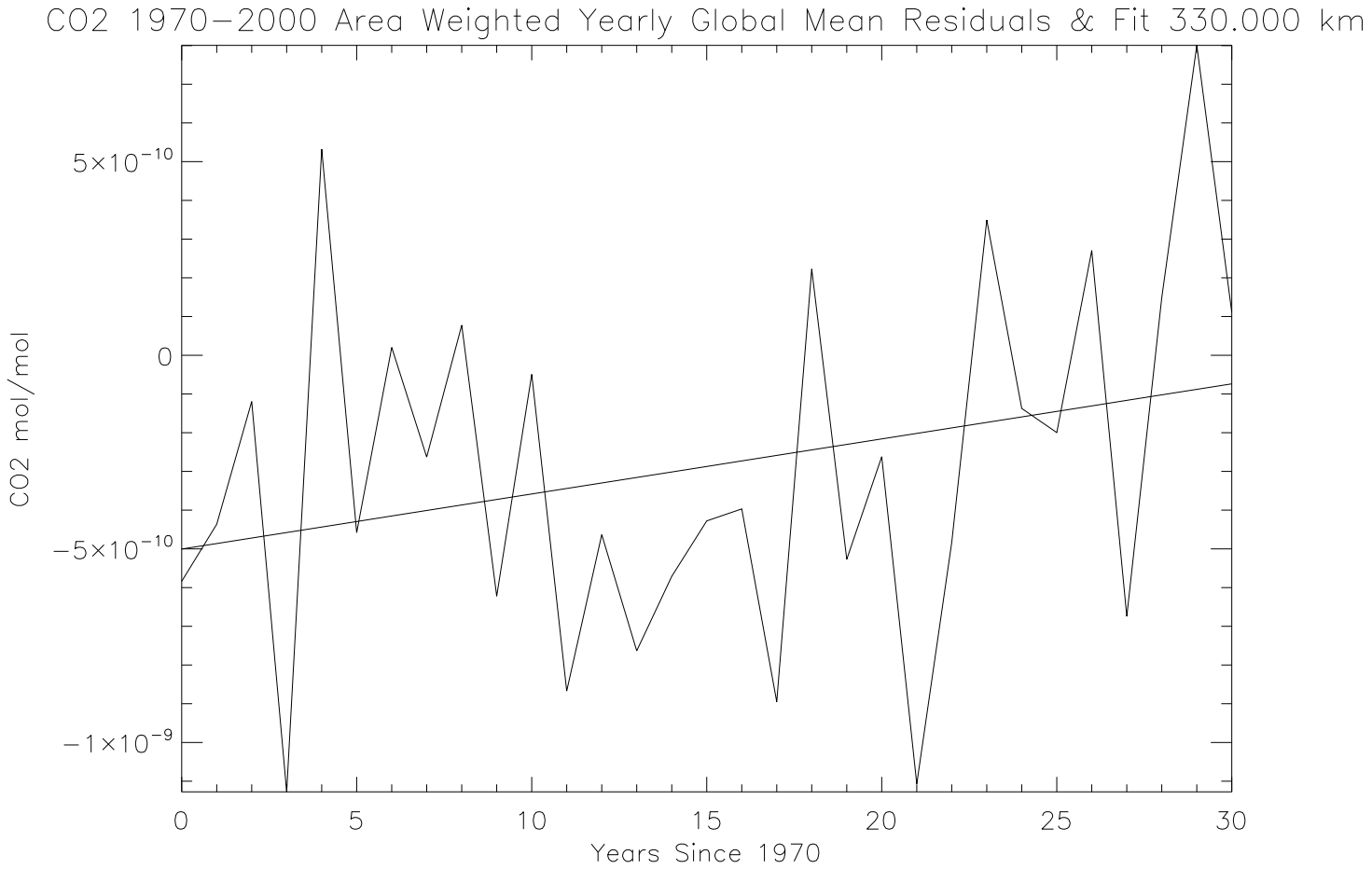

CO2 1955–2005 Area Weighted Yearly Global Mean Residuals & Fit 335.000 km
1.5×10⁻⁹
1.0×10⁻⁹
5.0×10⁻¹⁰
0
−5.0×10⁻¹⁰
CO2 mol/mol
0
10
20
30
40
50
Years Since 1955

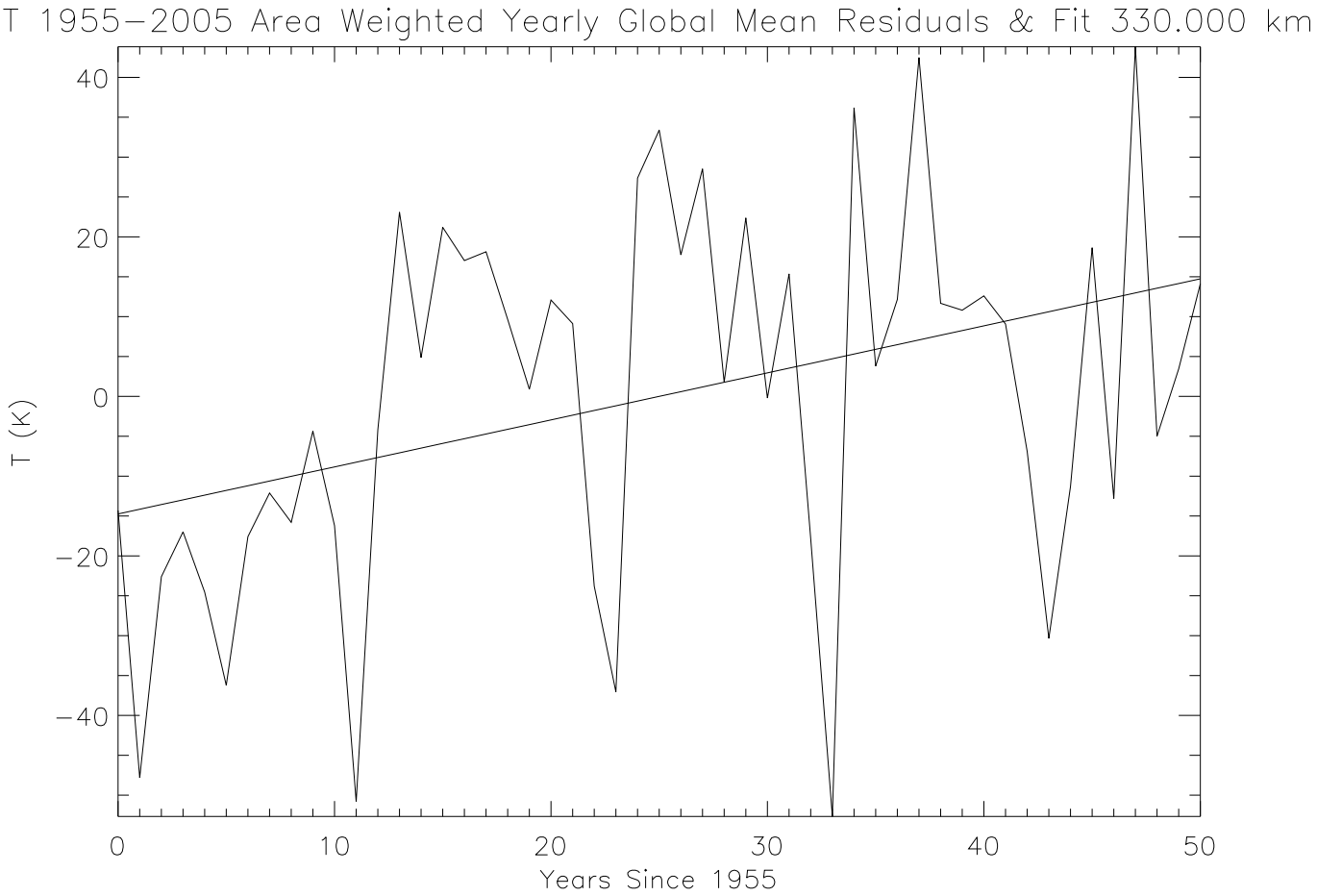

CO2 1970−2000 Area Weighted Yearly Global Mean Residuals & Fit 335.000 km
5×10−10
0
−5×10−10
CO2 mol/mol
0
5
10
15
20
25
30
Years Since 1970

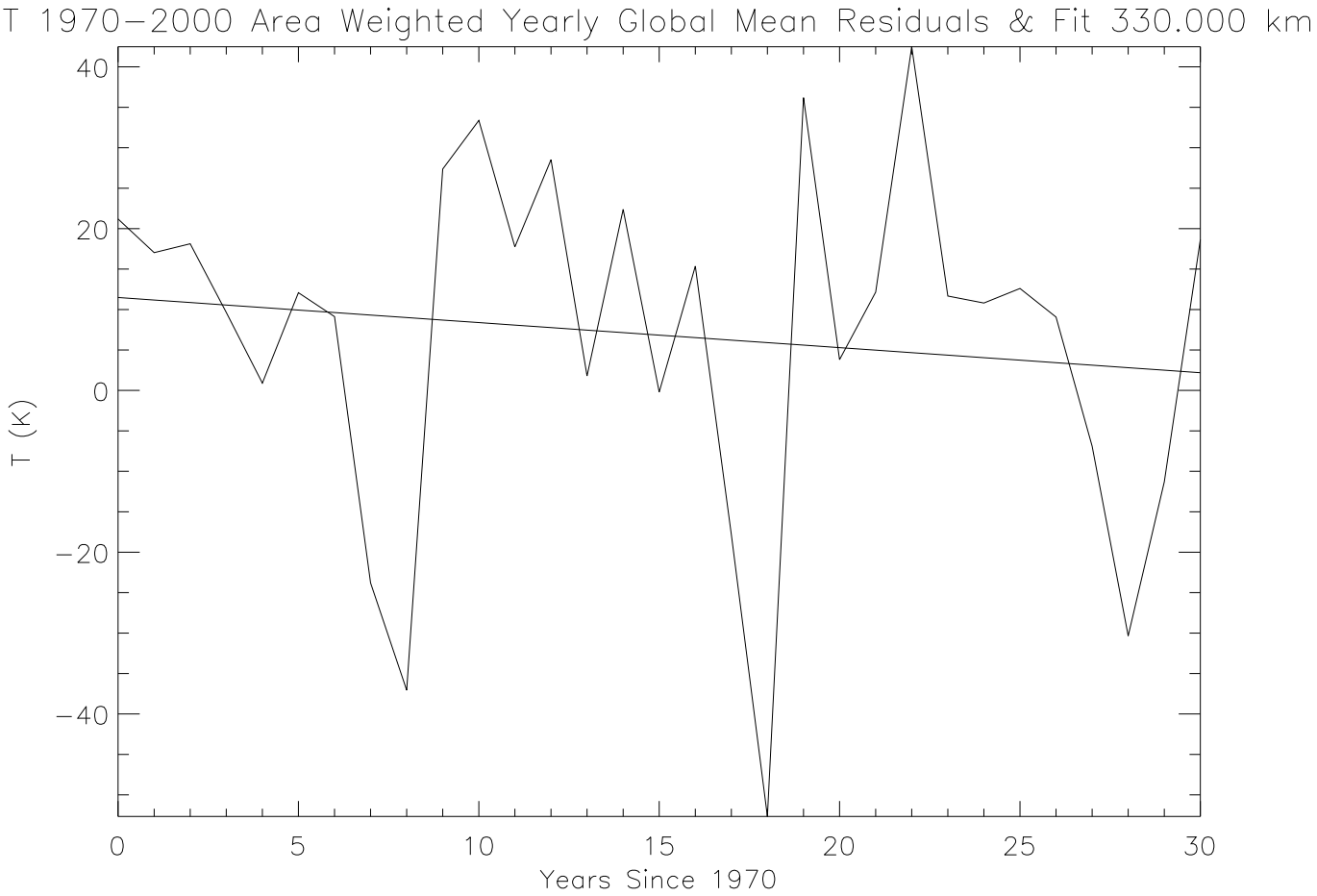

T 1955−2005 Area Weighted Yearly Global Mean Residuals & Fit 335.000 km
T (K)
40
20
0
−20
−40
0
10
20
30
40
50
Years Since 1955

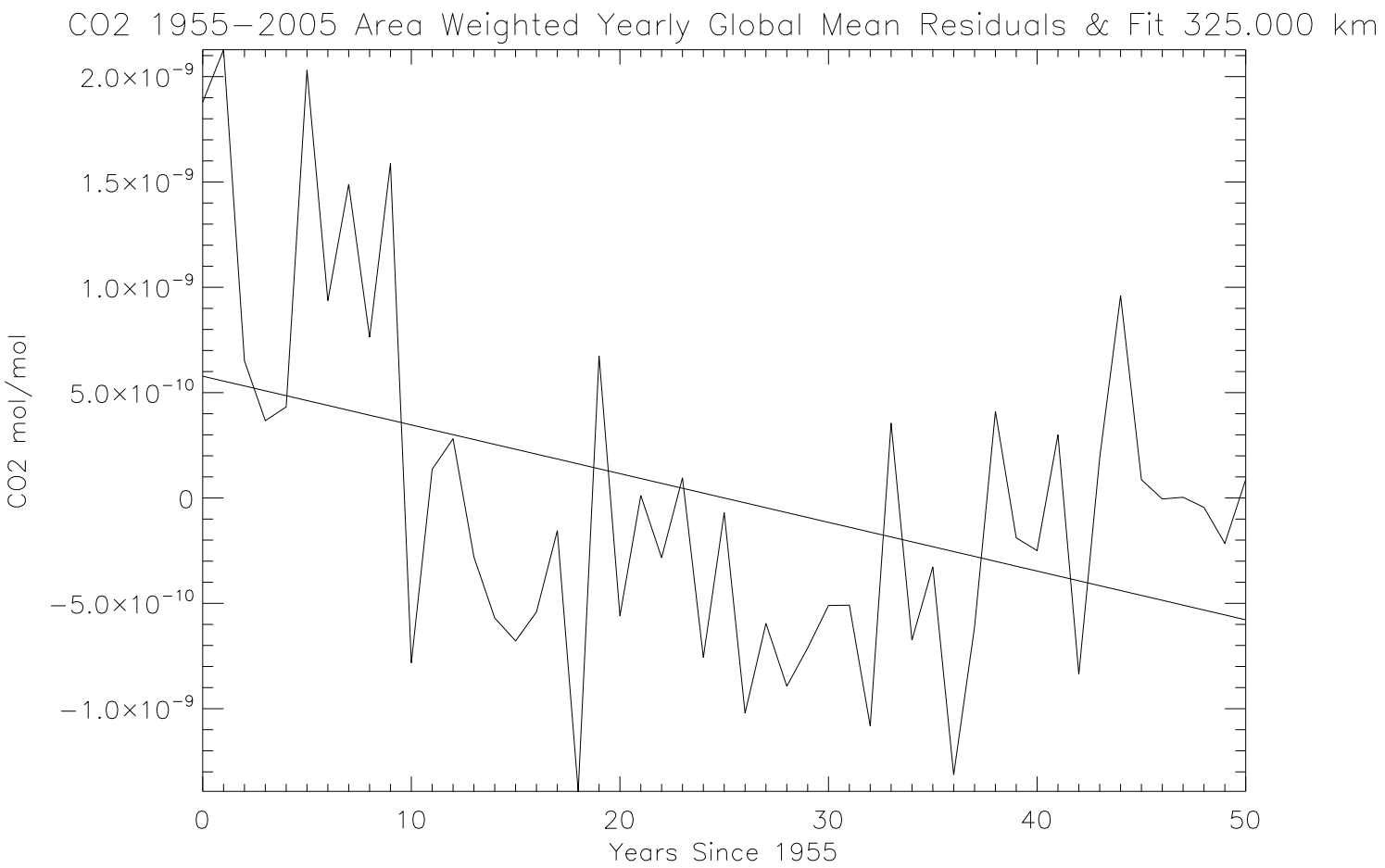

T 1970−2000 Area Weighted Yearly Global Mean Residuals & Fit 335.000 km
T (K)
40
20
0
−20
−40
0
5
10
15
20
25
30
Years Since 1970

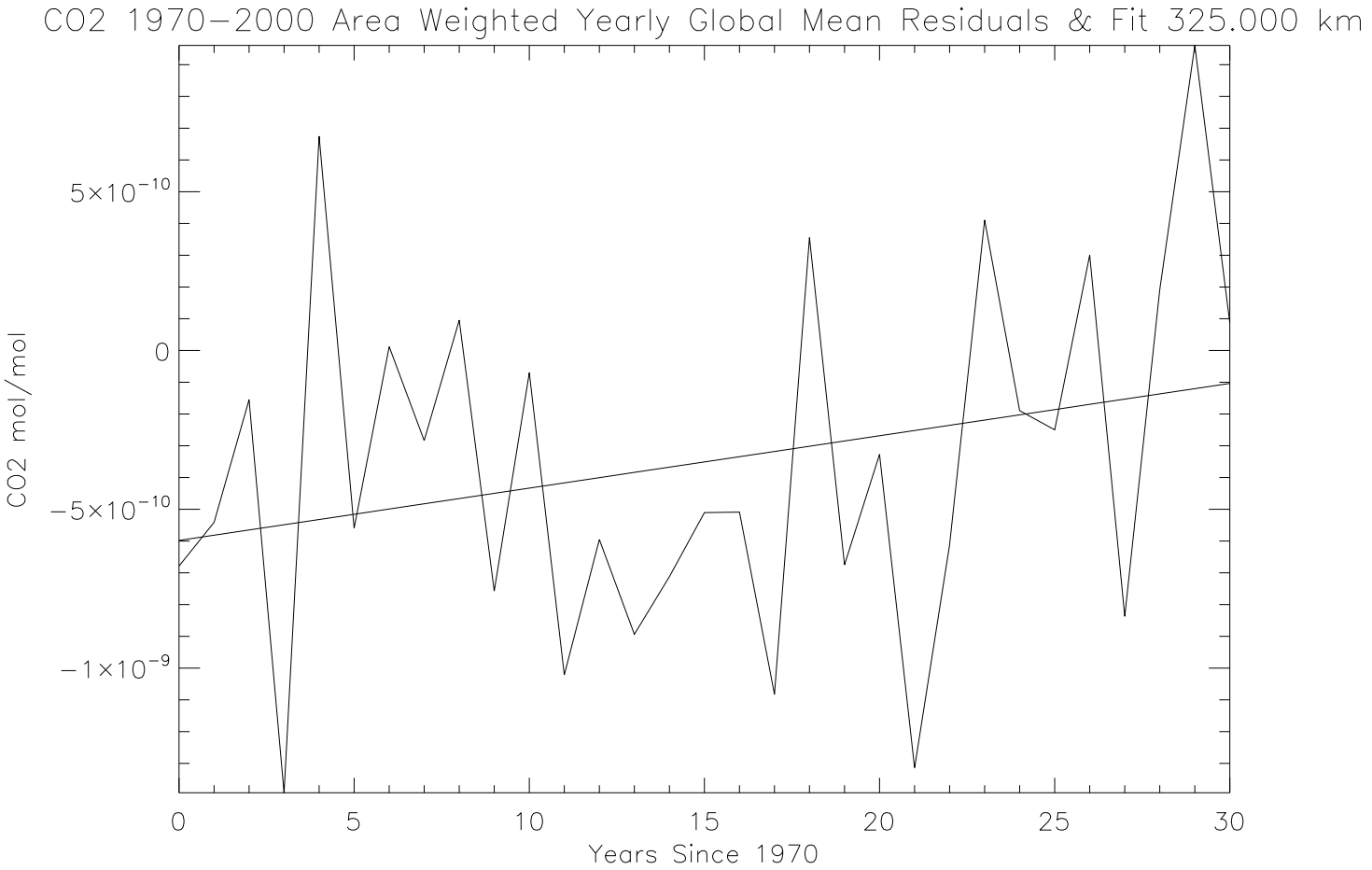

CO2 1955–2005 Area Weighted Yearly Global Mean Residuals & Fit 330.000 km
1.5×10⁻⁹
1.0×10⁻⁹
5.0×10⁻¹⁰
0
−5.0×10⁻¹⁰
−1.0×10⁻⁹
CO2 mol/mol
0
10
20
30
40
50
Years Since 1955

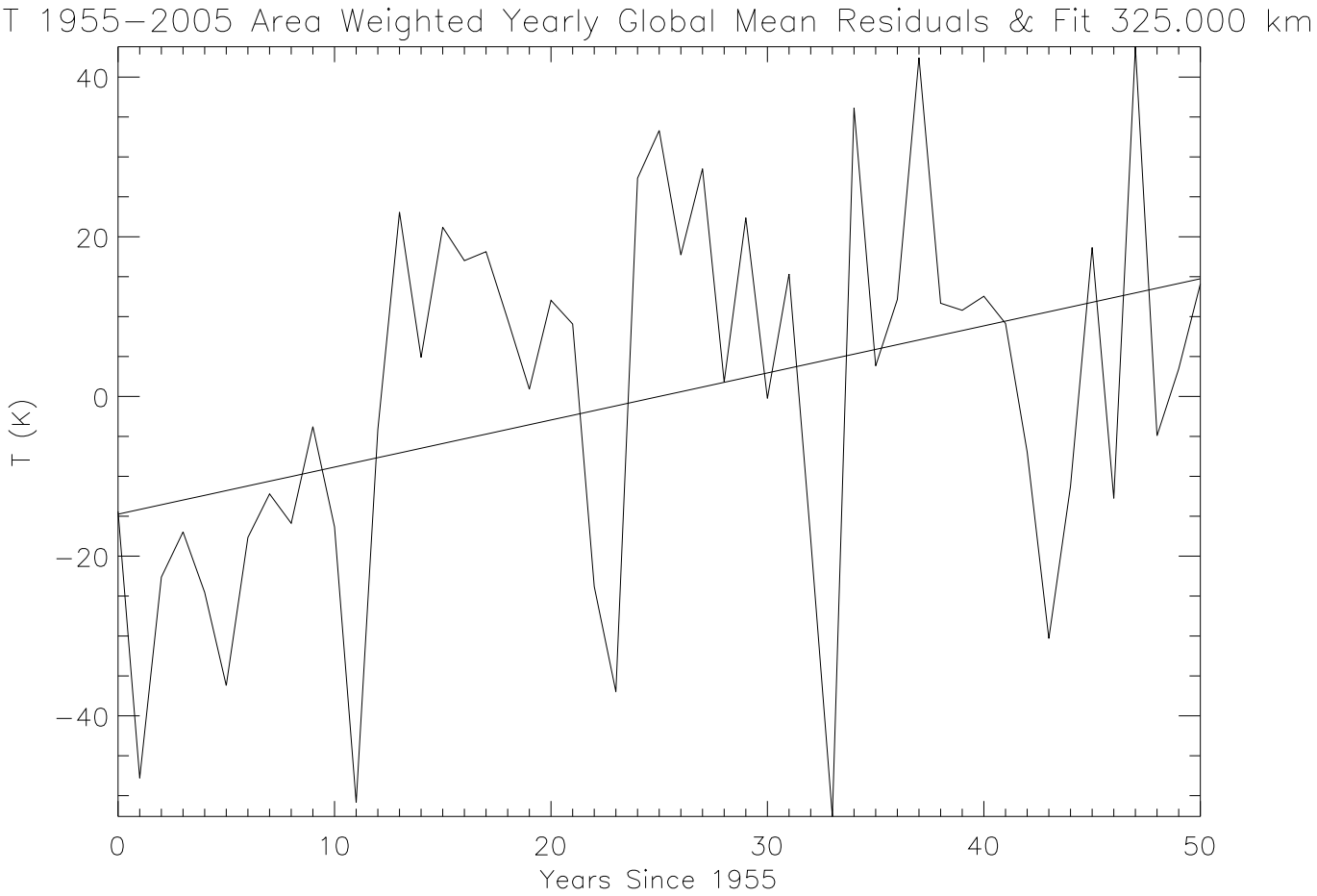

CO2 1970−2000 Area Weighted Yearly Global Mean Residuals & Fit 330.000 km
5×10−10
0
−5×10−10
−1×10−9
CO2 mol/mol
0
5
10
15
20
25
30
Years Since 1970

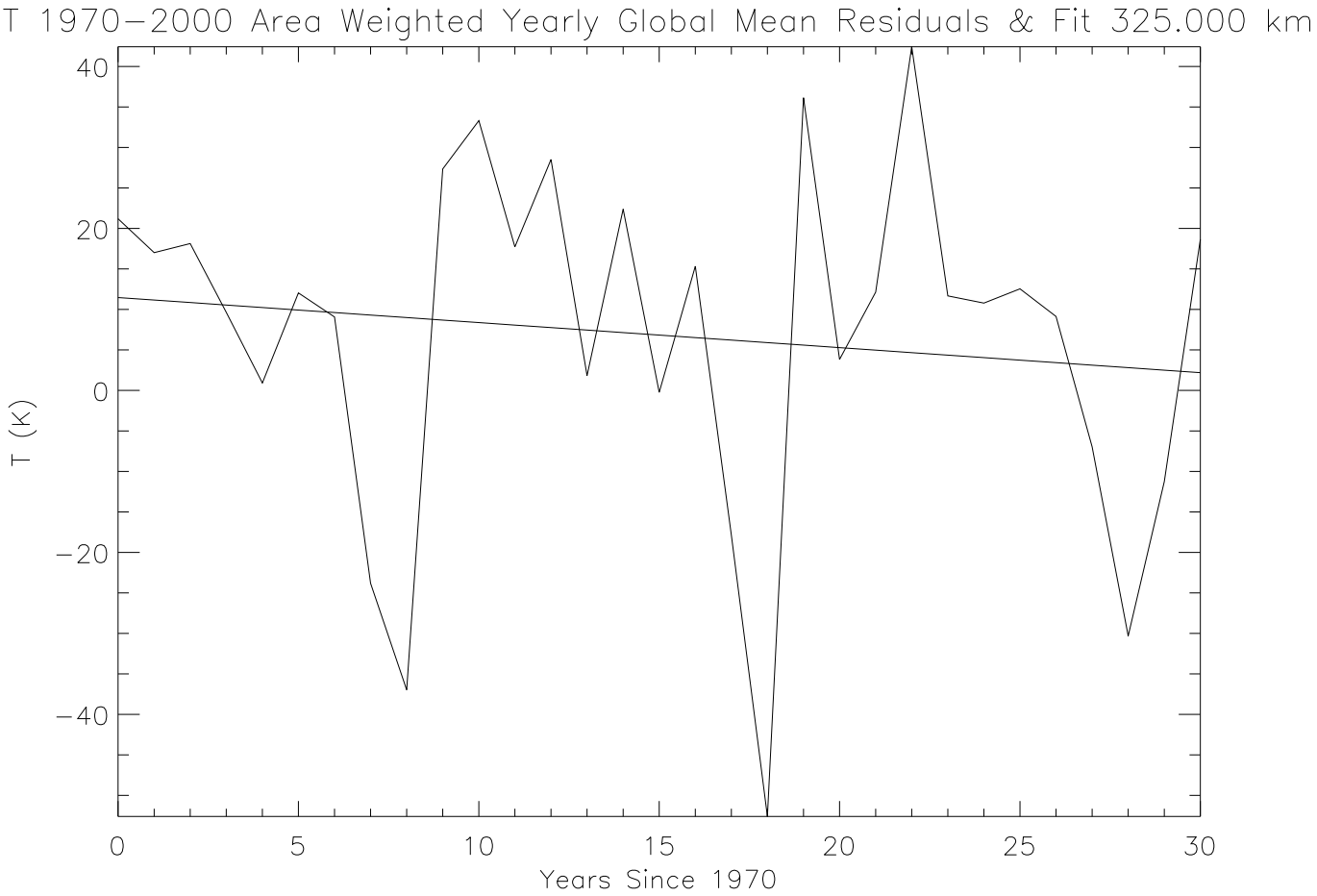

T 1955−2005 Area Weighted Yearly Global Mean Residuals & Fit 330.000 km
T (K)
40
20
0
−20
−40
0
10
20
30
40
50
Years Since 1955

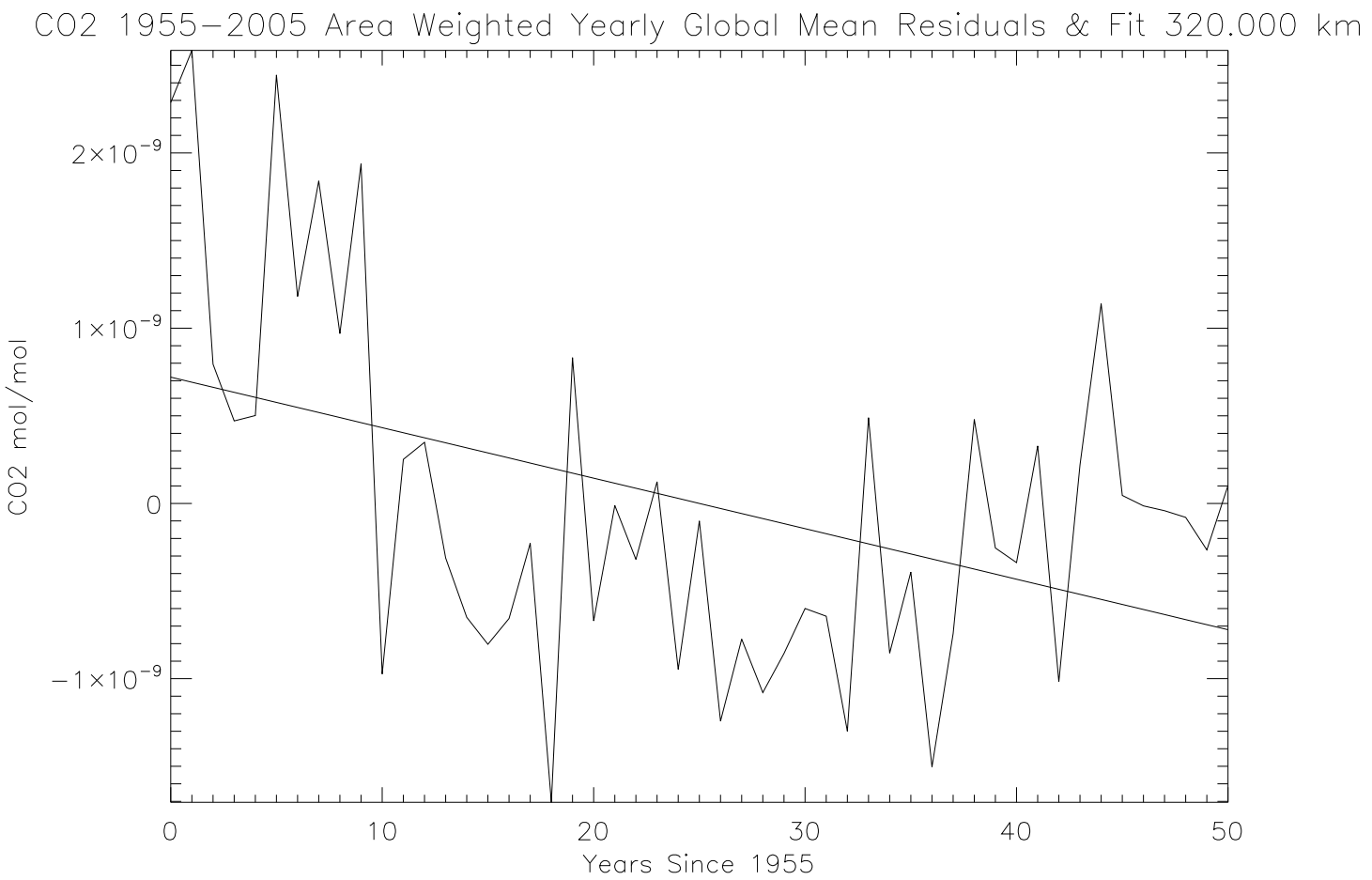

T 1970−2000 Area Weighted Yearly Global Mean Residuals & Fit 330.000 km
40
20
0
−20
−40
T (K)
0
5
10
15
20
25
30
Years Since 1970

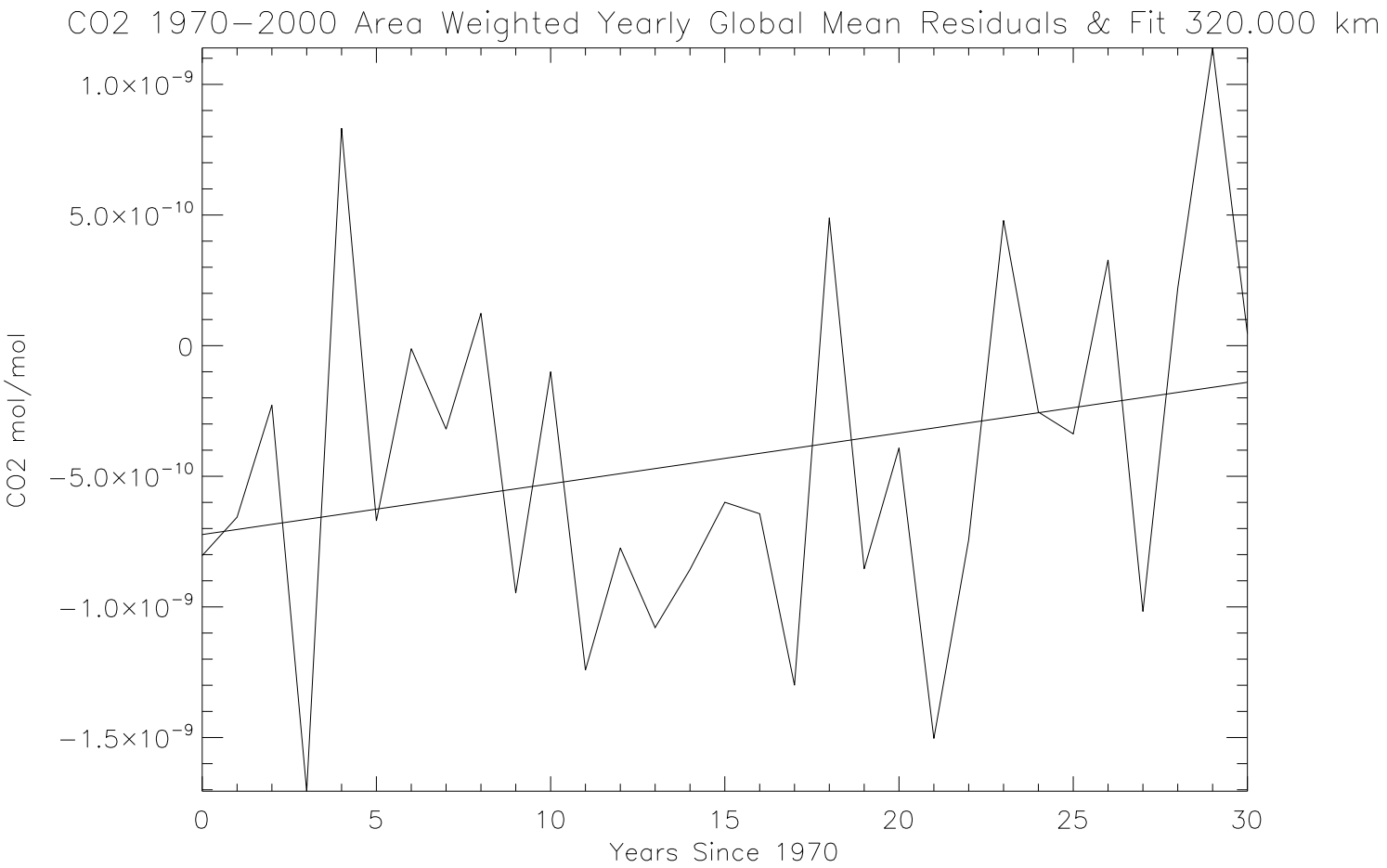

CO2 1955–2005 Area Weighted Yearly Global Mean Residuals & Fit 325.000 km
2.0×10⁻⁹
1.5×10⁻⁹
1.0×10⁻⁹
5.0×10⁻¹⁰
0
−5.0×10⁻¹⁰
−1.0×10⁻⁹
CO2 mol/mol
0
10
20
30
40
50
Years Since 1955

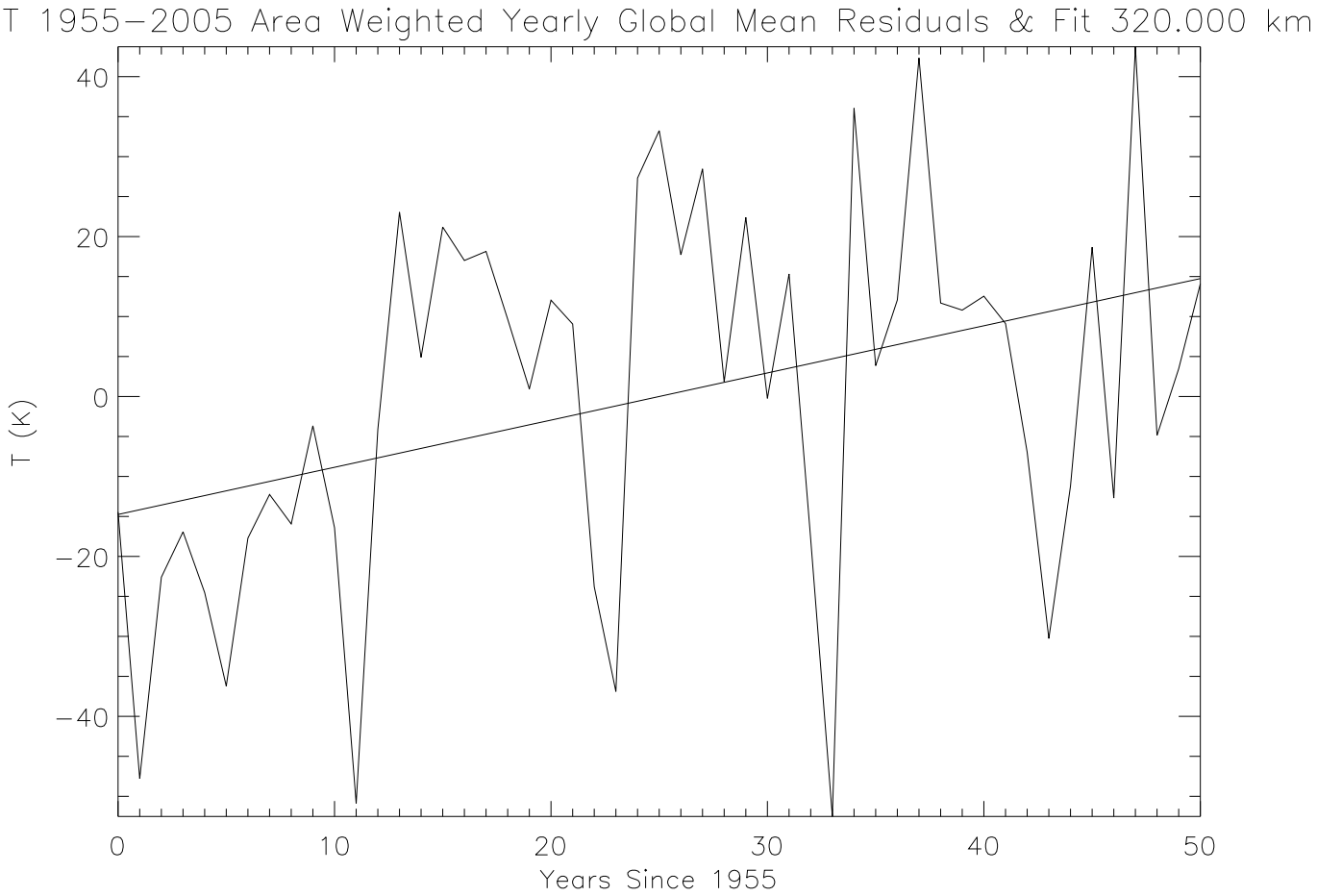

CO2 1970−2000 Area Weighted Yearly Global Mean Residuals & Fit 325.000 km
5×10⁻¹⁰
0
−5×10⁻¹⁰
−1×10⁻⁹
CO2 mol/mol
0
5
10
15
20
25
30
Years Since 1970

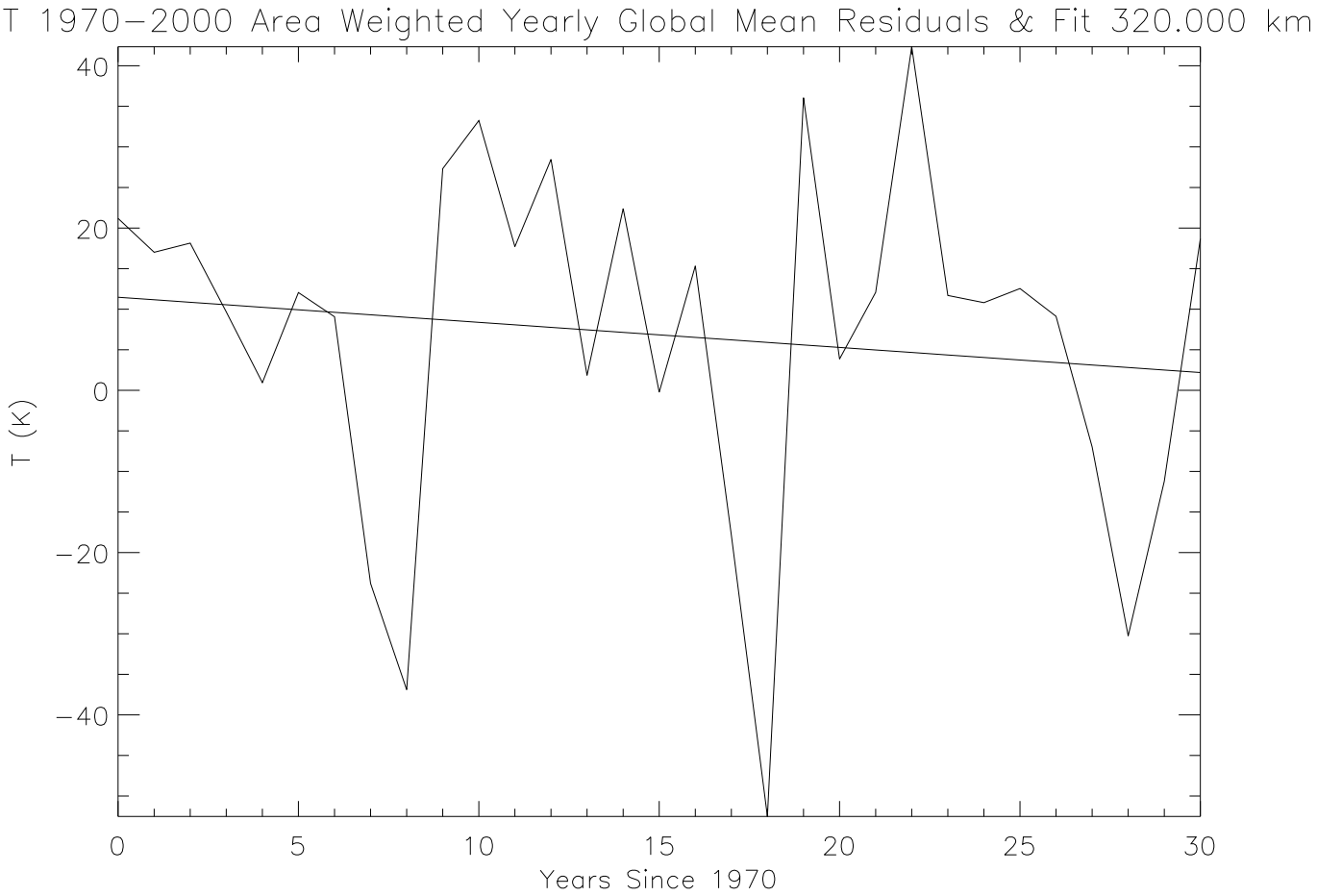

T 1955−2005 Area Weighted Yearly Global Mean Residuals & Fit 325.000 km
T (K)
40
20
0
−20
−40
0
10
20
30
40
50
Years Since 1955

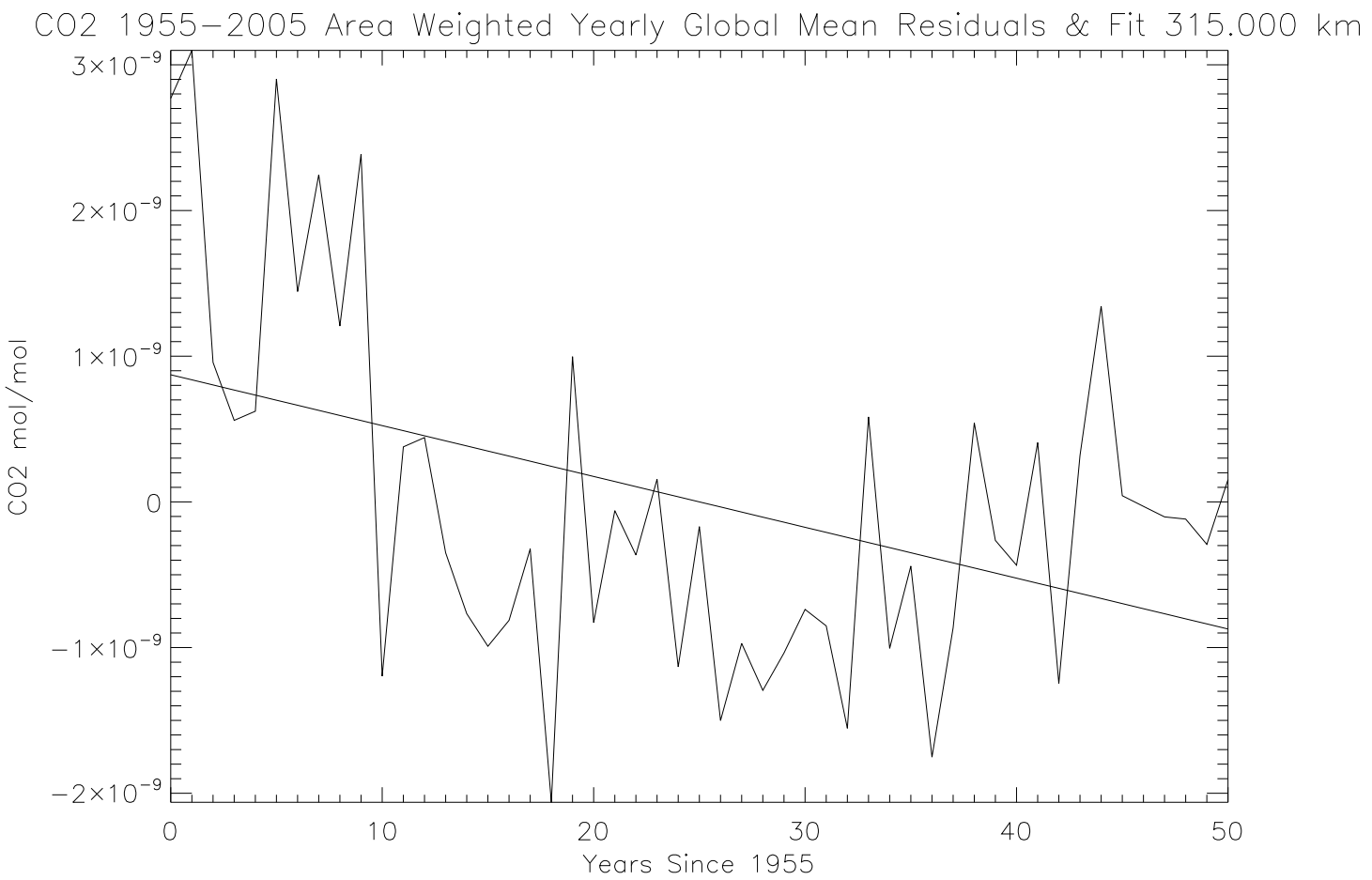

T 1970−2000 Area Weighted Yearly Global Mean Residuals & Fit 325.000 km
40
20
0
−20
−40
T (K)
0
5
10
15
20
25
30
Years Since 1970

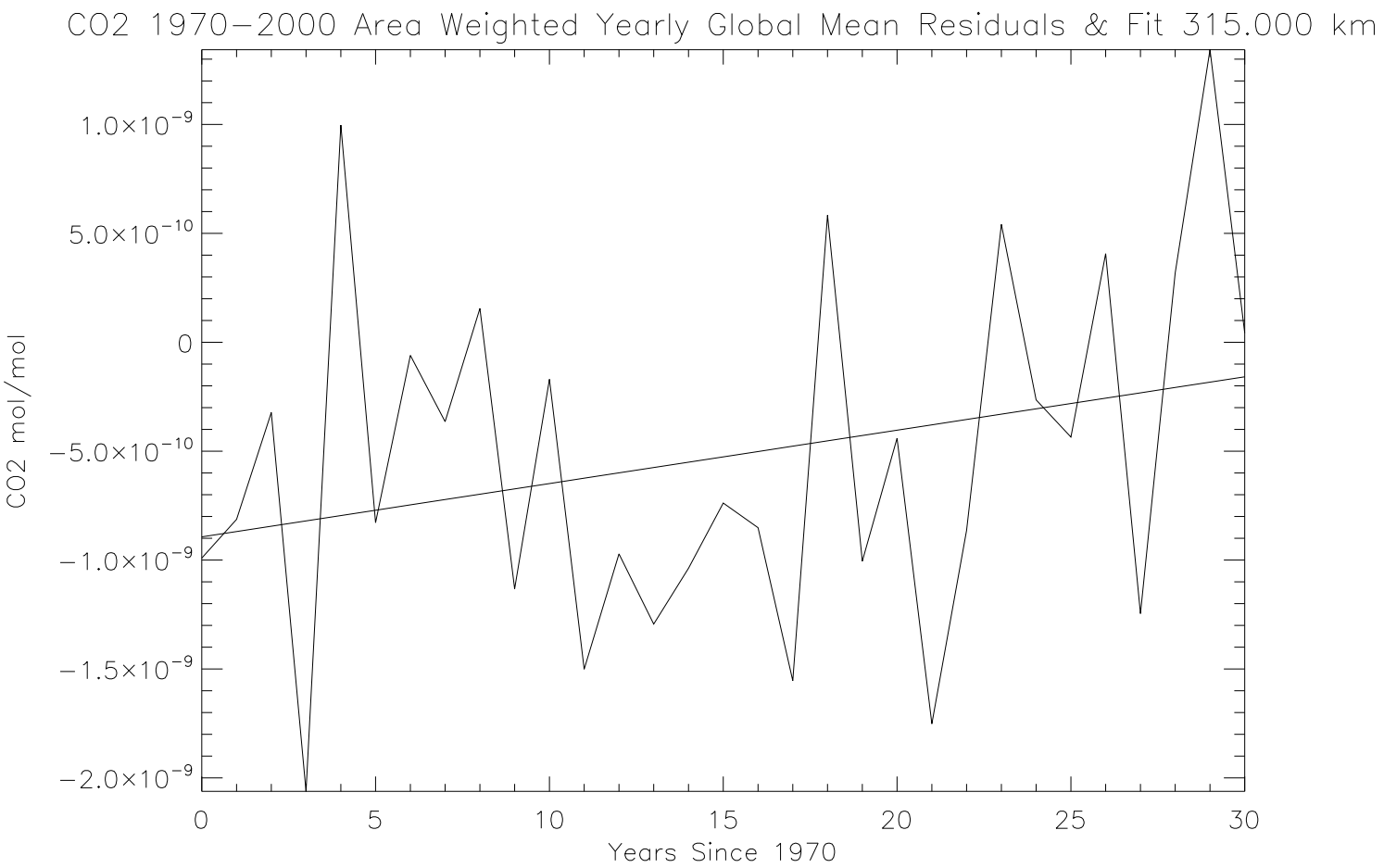

CO2 1955–2005 Area Weighted Yearly Global Mean Residuals & Fit 320.000 km
2×10⁻⁹
1×10⁻⁹
0
−1×10⁻⁹
CO2 mol/mol
0
10
20
30
40
50
Years Since 1955

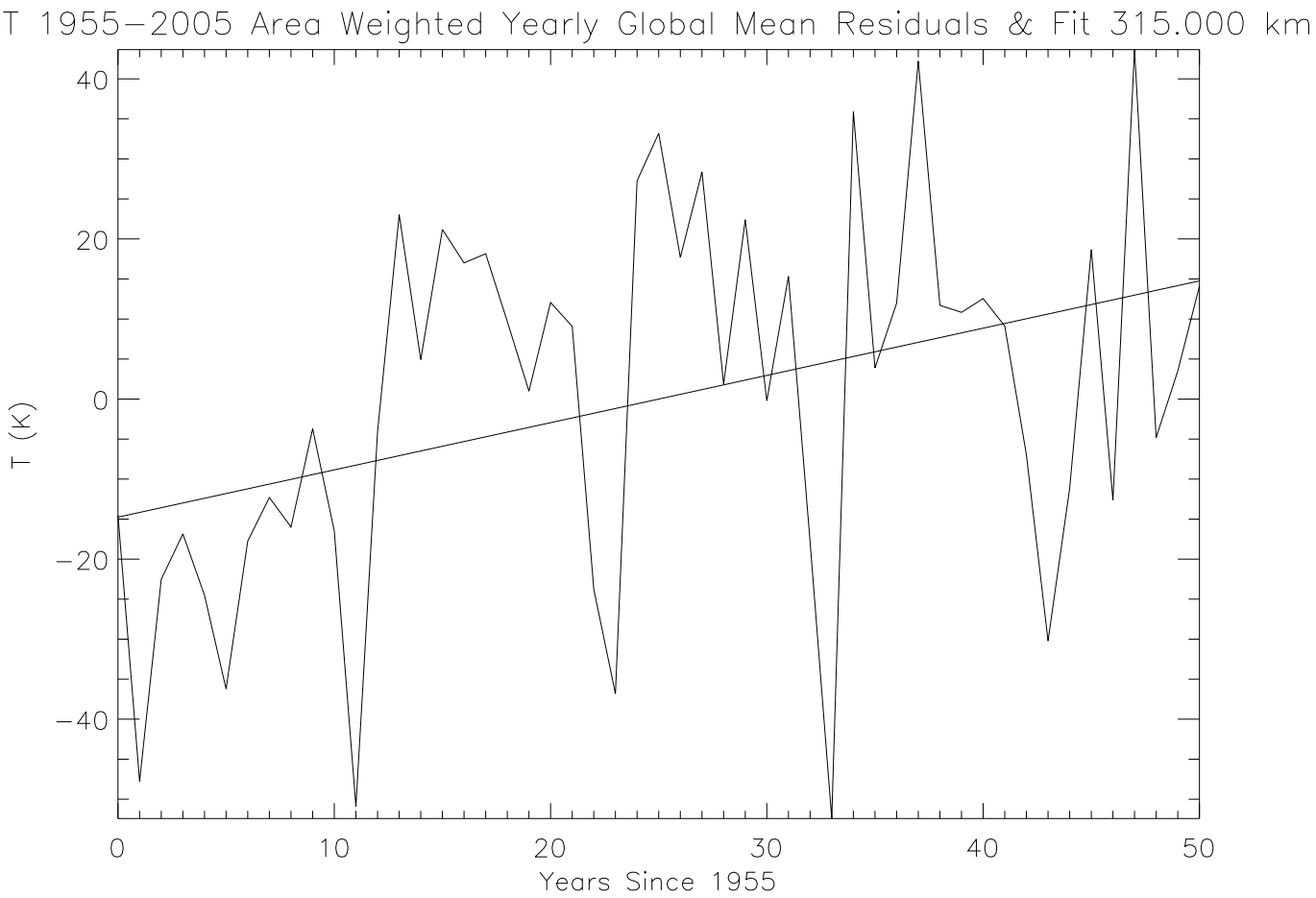

CO2 1970−2000 Area Weighted Yearly Global Mean Residuals & Fit 320.000 km
1.0×10−9
5.0×10−10
0
−5.0×10−10
−1.0×10−9
−1.5×10−9
CO2 mol/mol
0
5
10
15
20
25
30
Years Since 1970

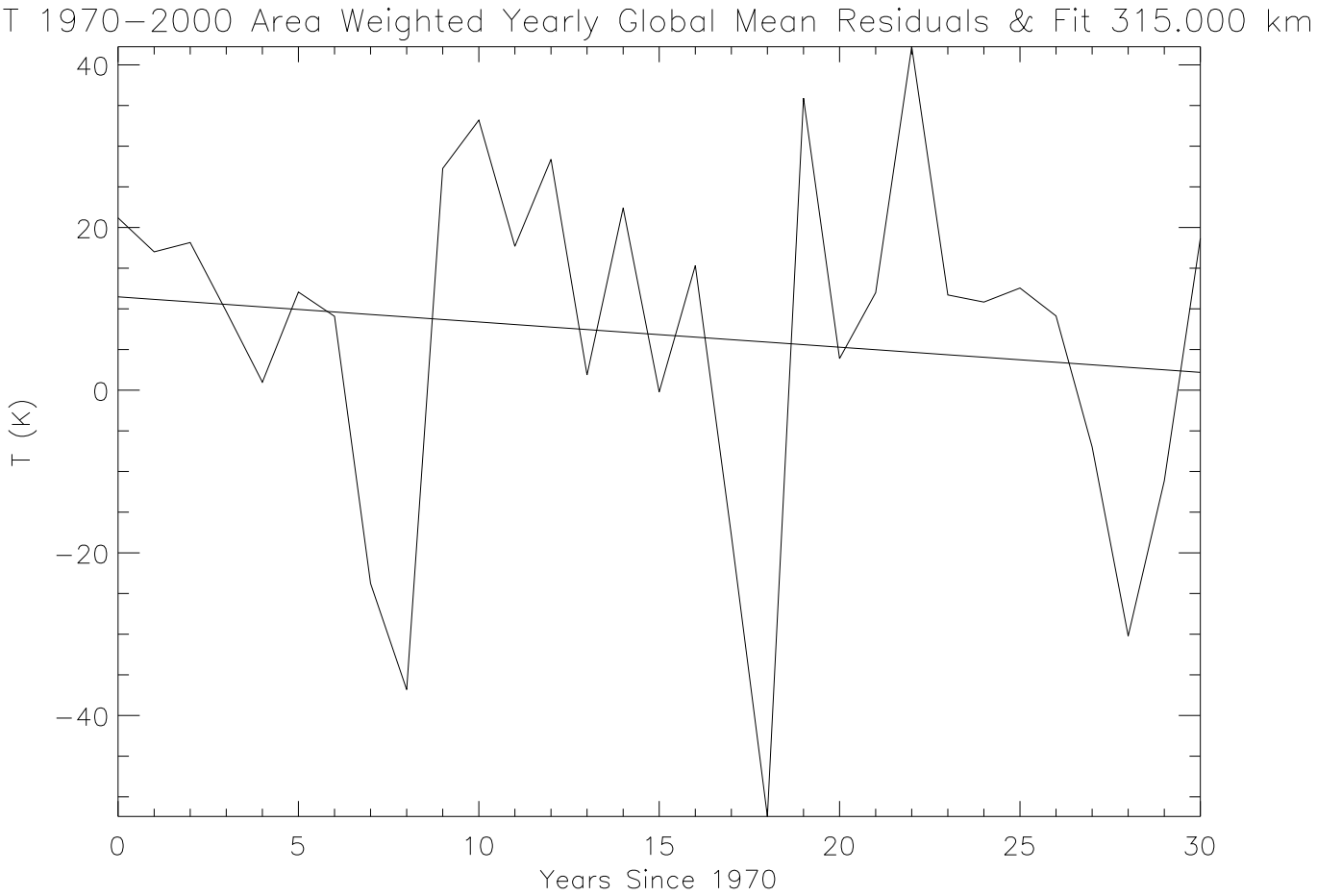

T 1955−2005 Area Weighted Yearly Global Mean Residuals & Fit 320.000 km
T (K)
40
20
0
−20
−40
0
10
20
30
40
50
Years Since 1955

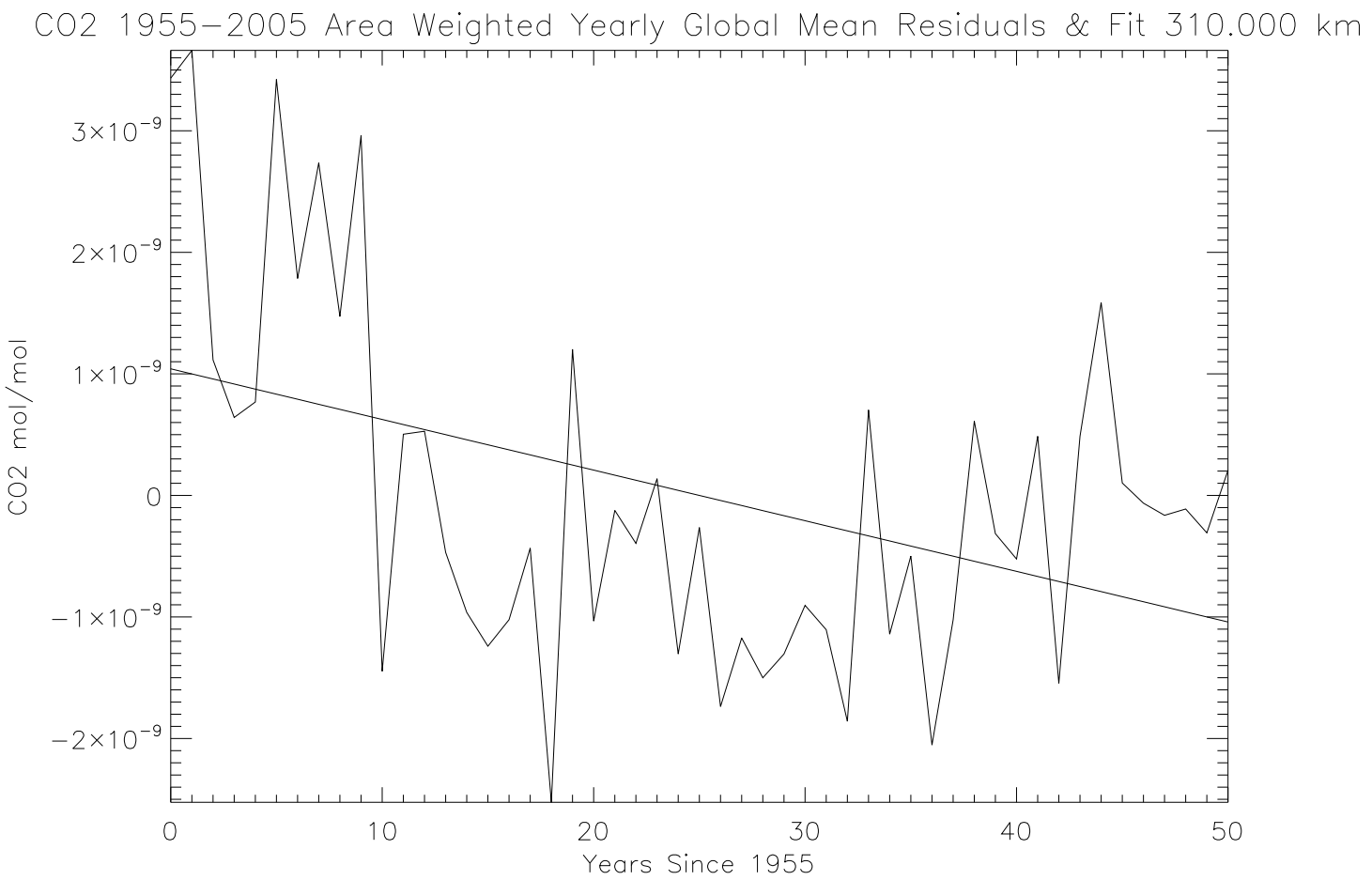

T 1970−2000 Area Weighted Yearly Global Mean Residuals & Fit 320.000 km
T (K)
40
20
0
−20
−40
0
5
10
15
20
25
30
Years Since 1970

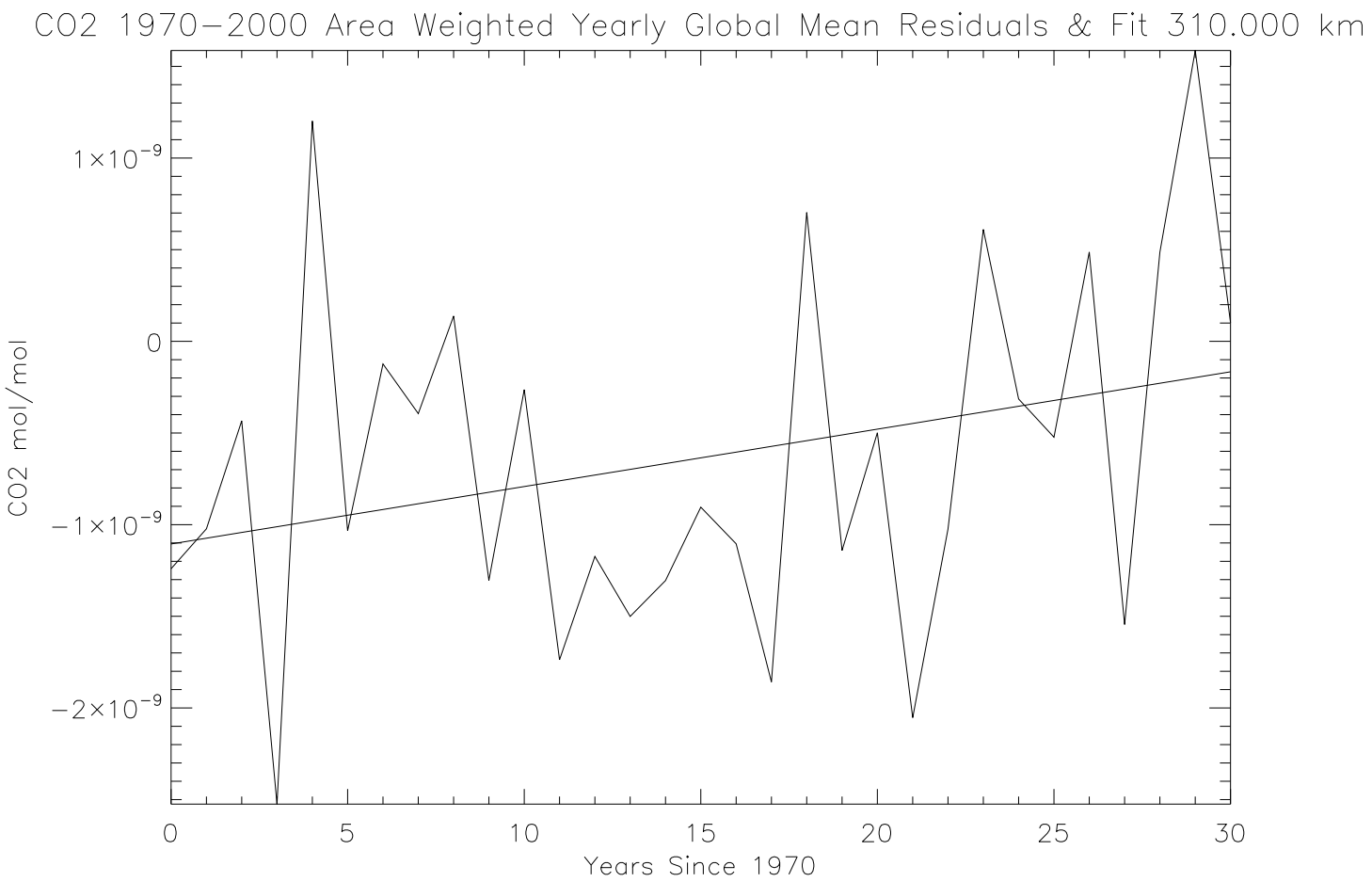

CO2 1955–2005 Area Weighted Yearly Global Mean Residuals & Fit 315.000 km
3×10⁻⁹
2×10⁻⁹
1×10⁻⁹
0
−1×10⁻⁹
−2×10⁻⁹
CO2 mol/mol
0
10
20
30
40
50
Years Since 1955

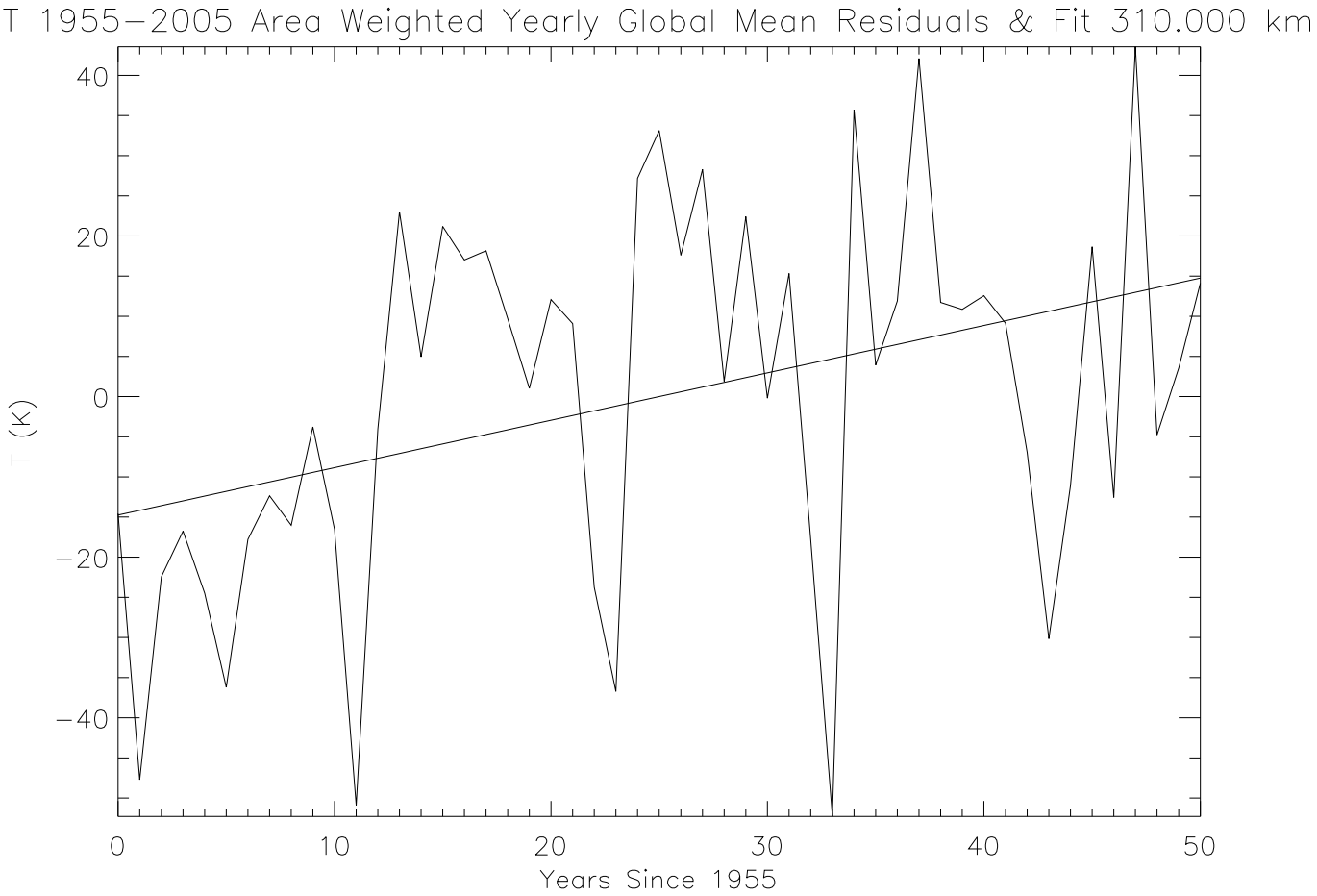

CO2 1970−2000 Area Weighted Yearly Global Mean Residuals & Fit 315.000 km
CO2 mol/mol
1.0×10−9
5.0×10−10
0
−5.0×10−10
−1.0×10−9
−1.5×10−9
−2.0×10−9
0
5
10
15
20
25
30
Years Since 1970

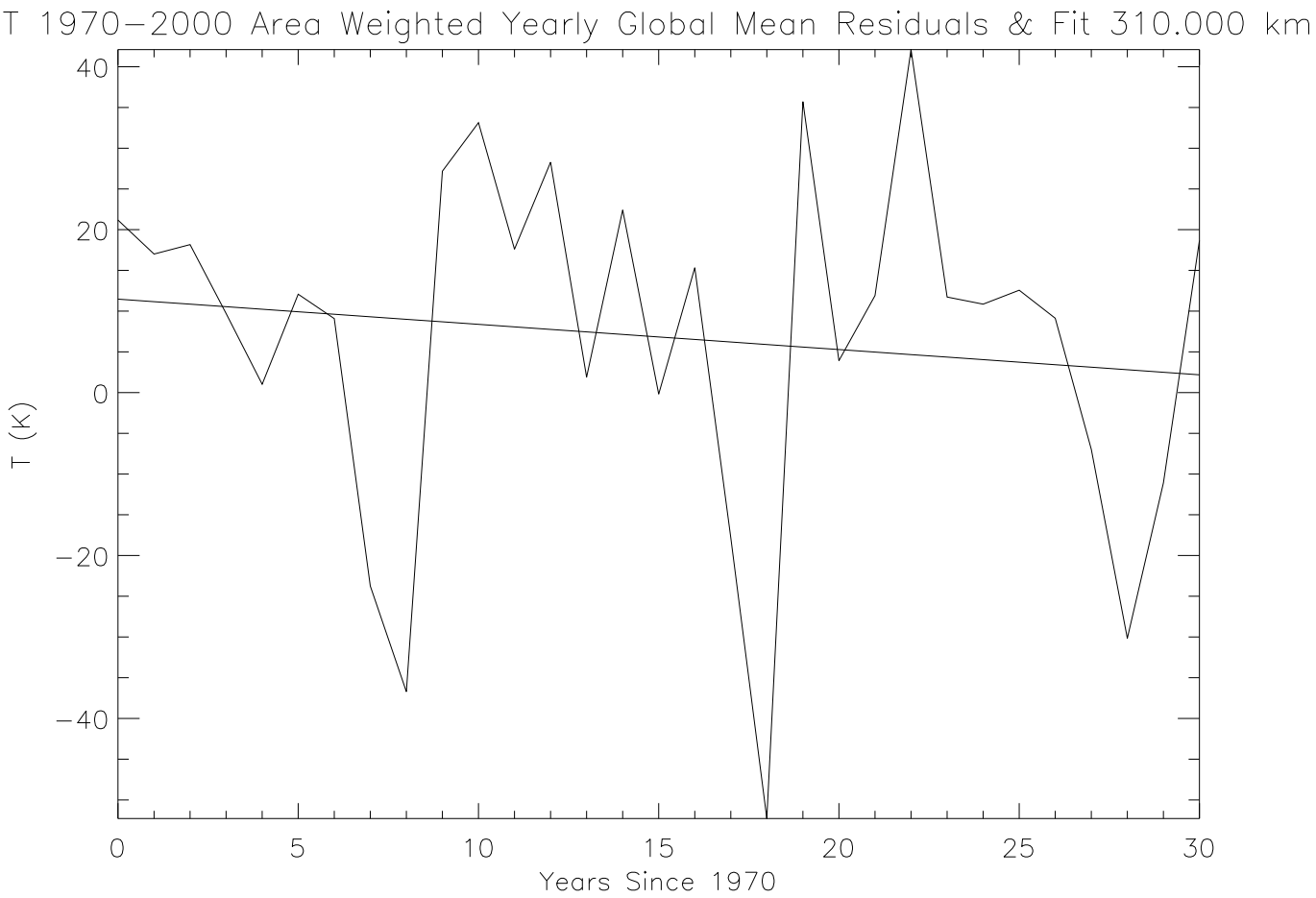

T 1955−2005 Area Weighted Yearly Global Mean Residuals & Fit 315.000 km
T (K)
40
20
0
−20
−40
0
10
20
30
40
50
Years Since 1955

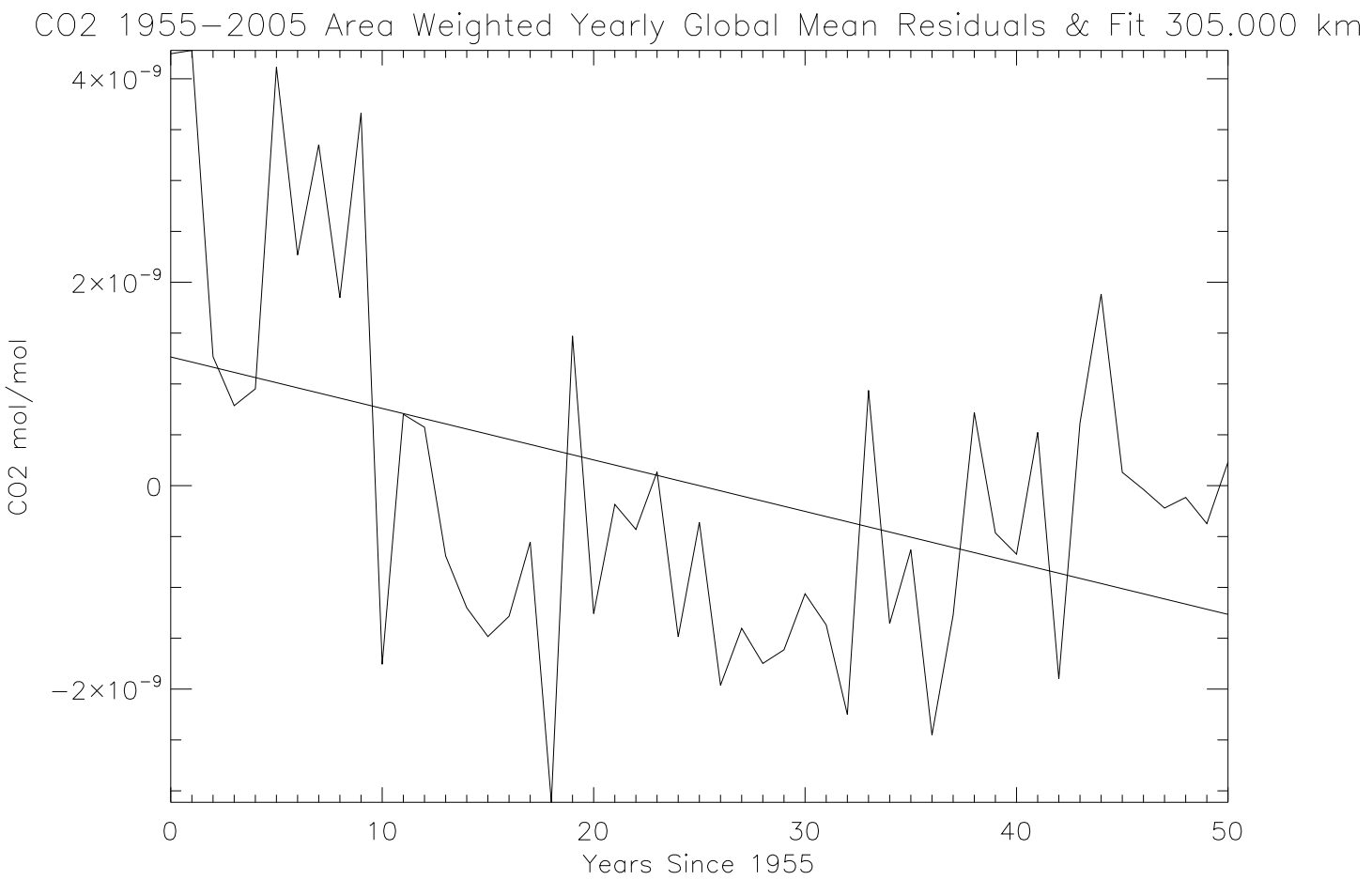

T 1970−2000 Area Weighted Yearly Global Mean Residuals & Fit 315.000 km
T (K)
40
20
0
−20
−40
0
5
10
15
20
25
30
Years Since 1970

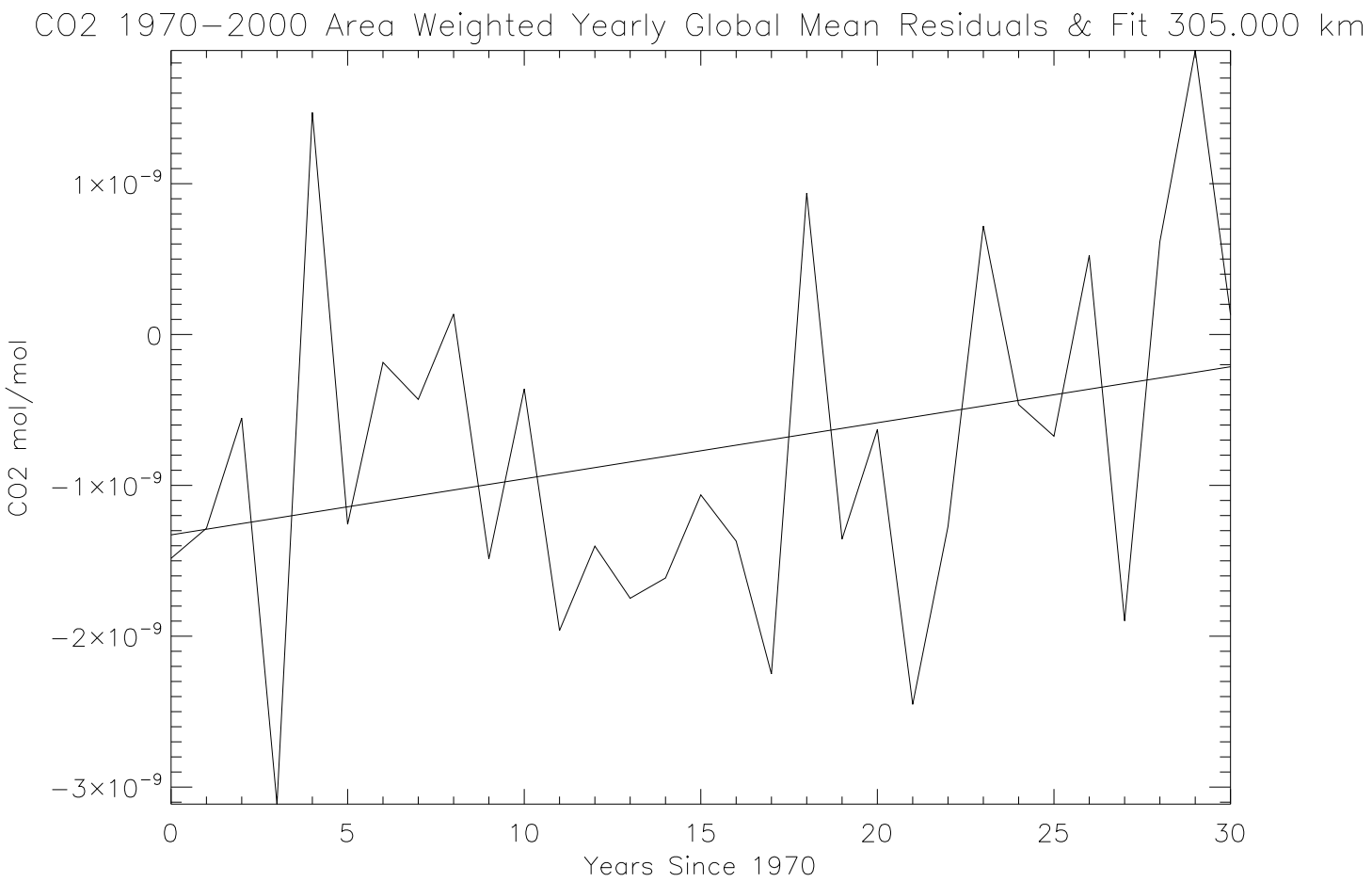

CO2 1955–2005 Area Weighted Yearly Global Mean Residuals & Fit 310.000 km
3×10⁻⁹
2×10⁻⁹
1×10⁻⁹
0
−1×10⁻⁹
−2×10⁻⁹
CO2 mol/mol
0
10
20
30
40
50
Years Since 1955

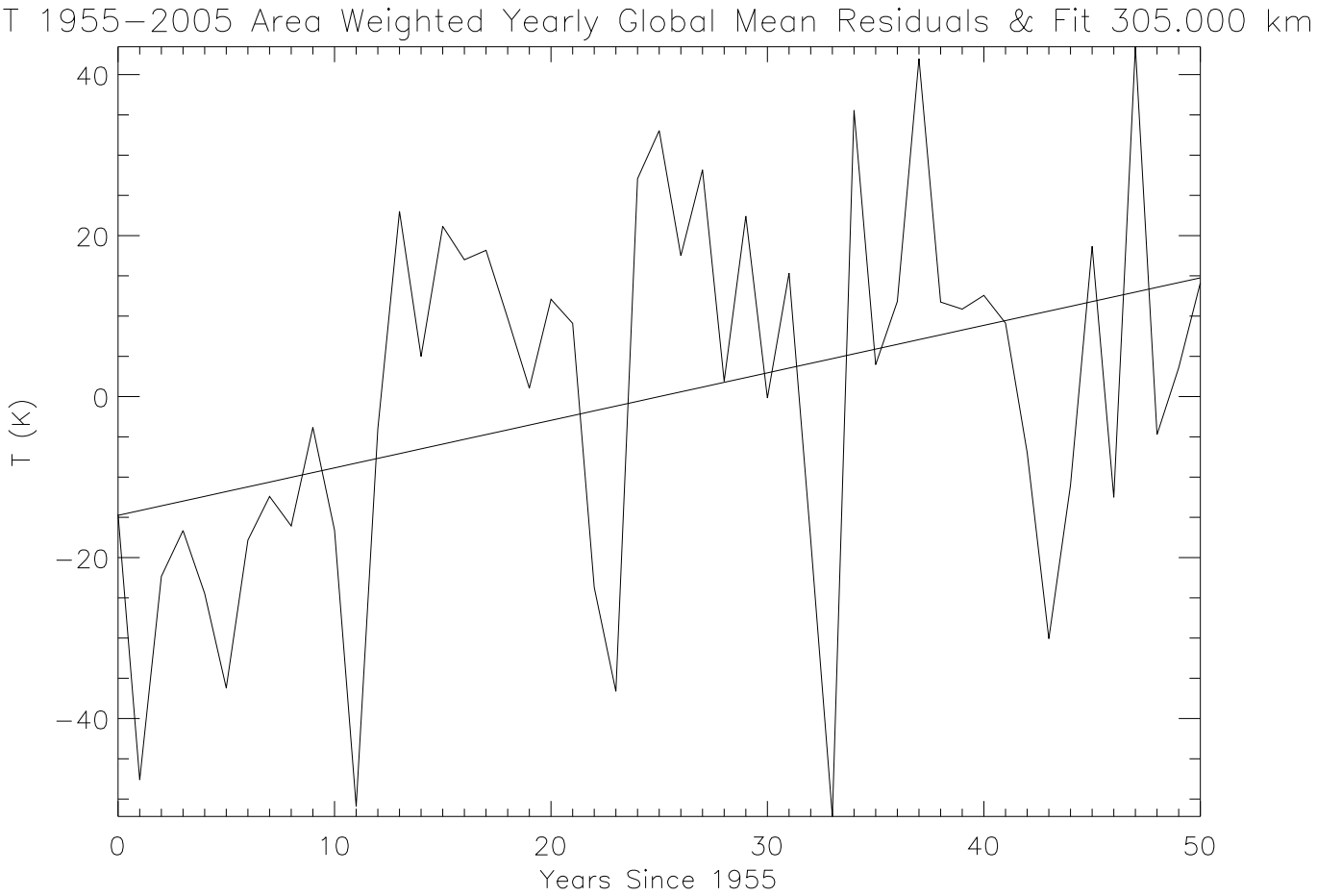

CO2 1970−2000 Area Weighted Yearly Global Mean Residuals & Fit 310.000 km
1×10⁻⁹
0
−1×10⁻⁹
−2×10⁻⁹
CO2 mol/mol
0
5
10
15
20
25
30
Years Since 1970

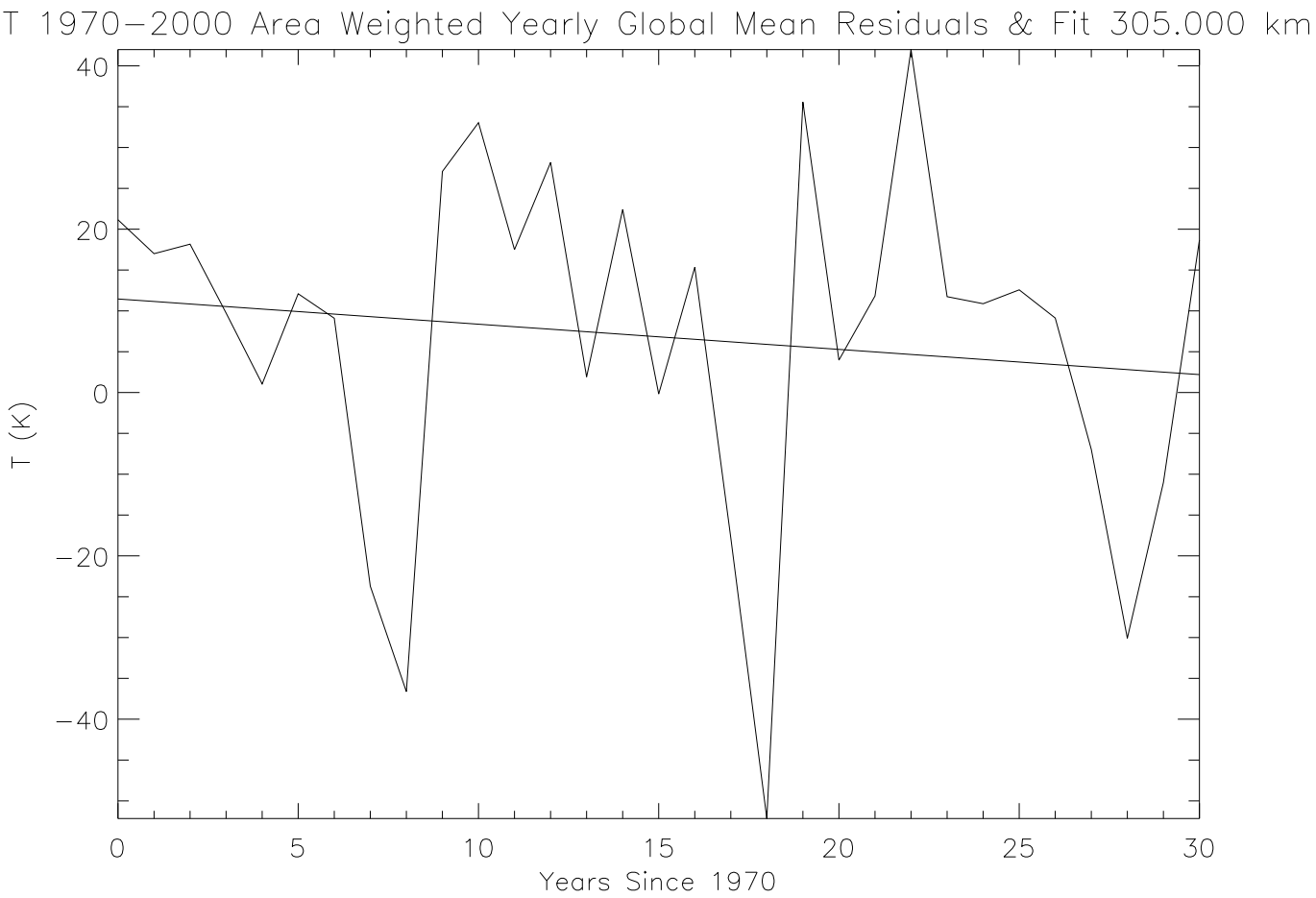

T 1955−2005 Area Weighted Yearly Global Mean Residuals & Fit 310.000 km
T (K)
40
20
0
−20
−40
0
10
20
30
40
50
Years Since 1955

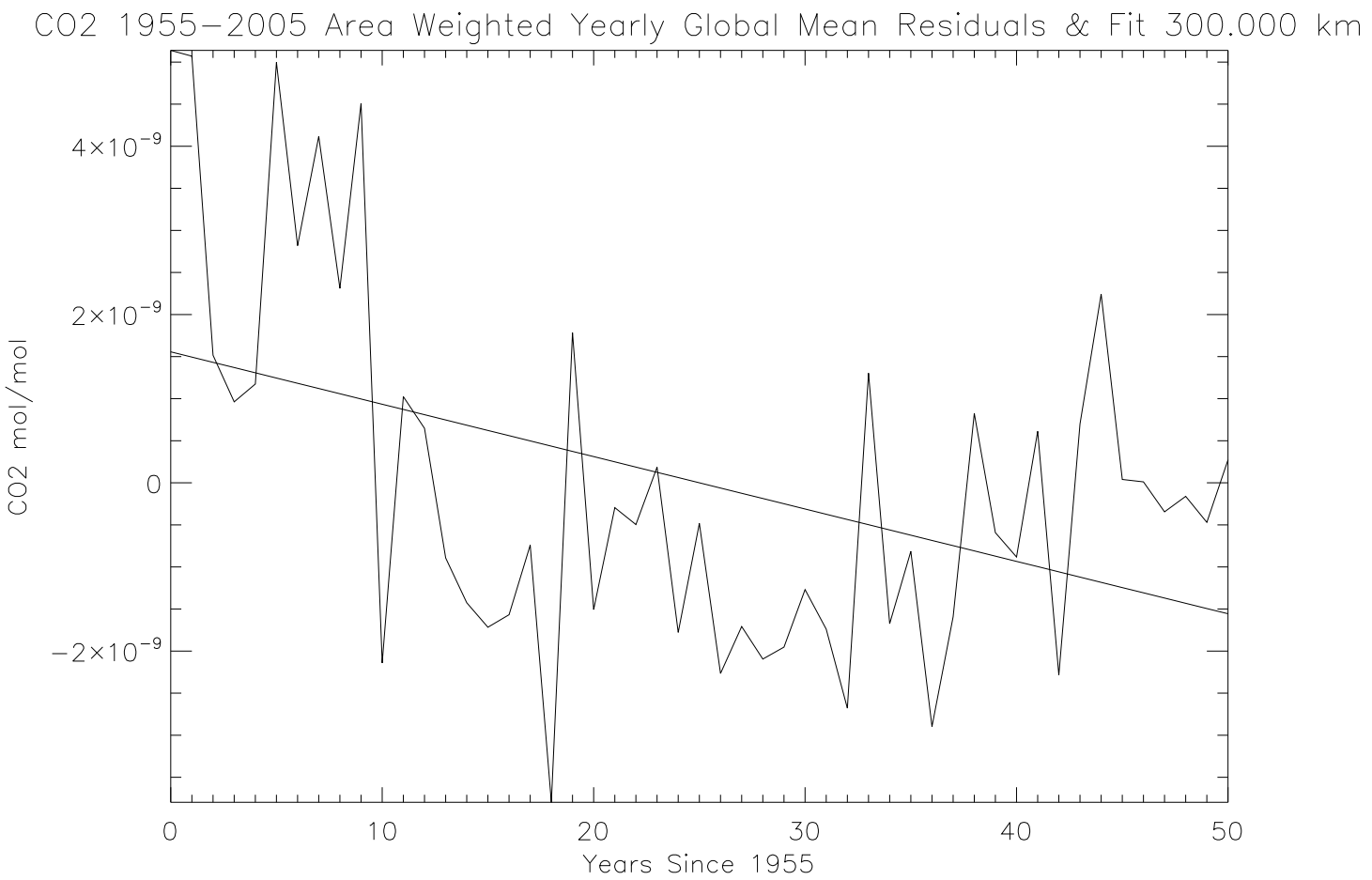

T 1970−2000 Area Weighted Yearly Global Mean Residuals & Fit 310.000 km
T (K)
40
20
0
−20
−40
0
5
10
15
20
25
30
Years Since 1970

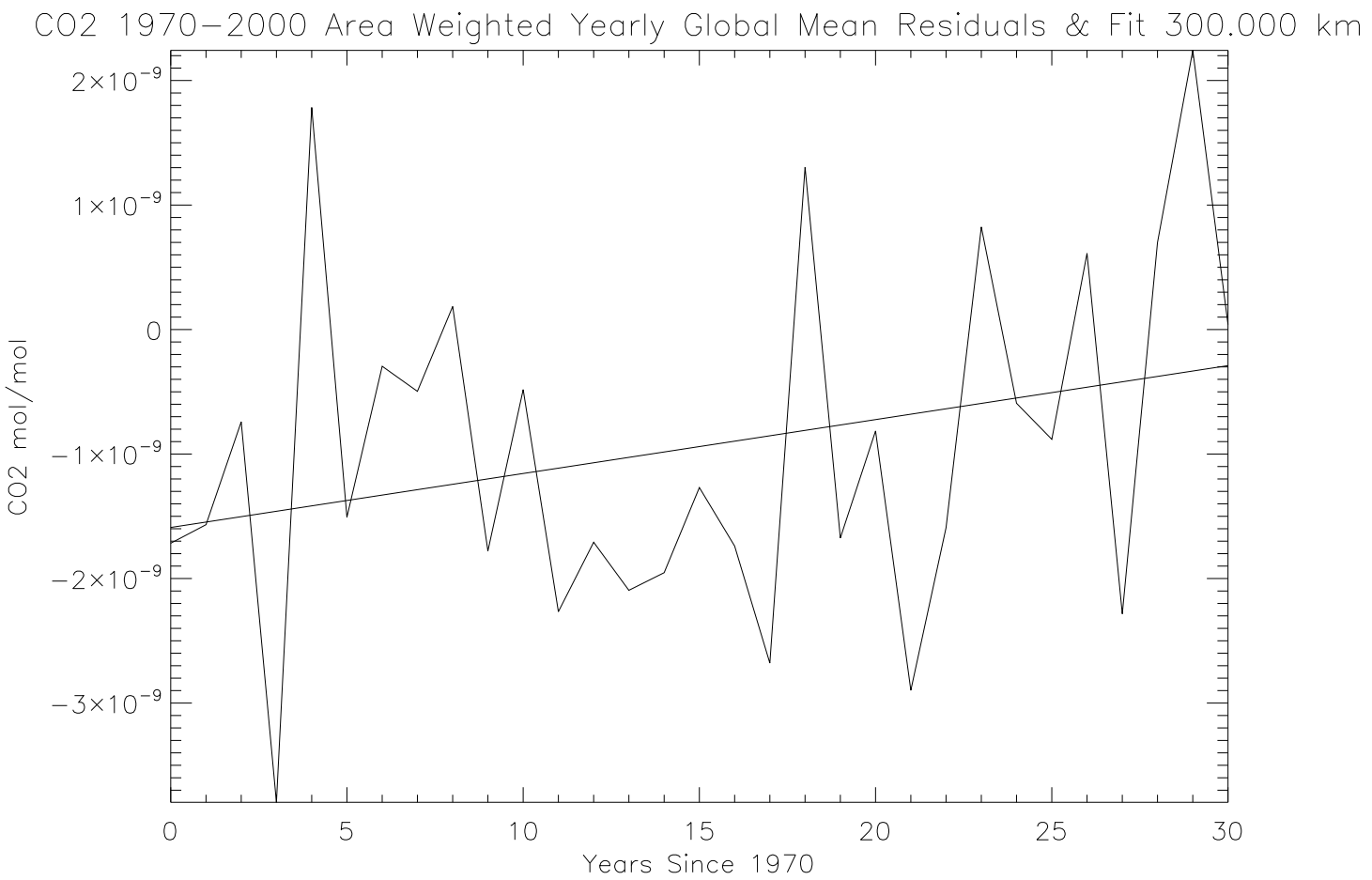

CO2 1955–2005 Area Weighted Yearly Global Mean Residuals & Fit 305.000 km
4×10⁻⁹
2×10⁻⁹
0
−2×10⁻⁹
CO2 mol/mol
0
10
20
30
40
50
Years Since 1955

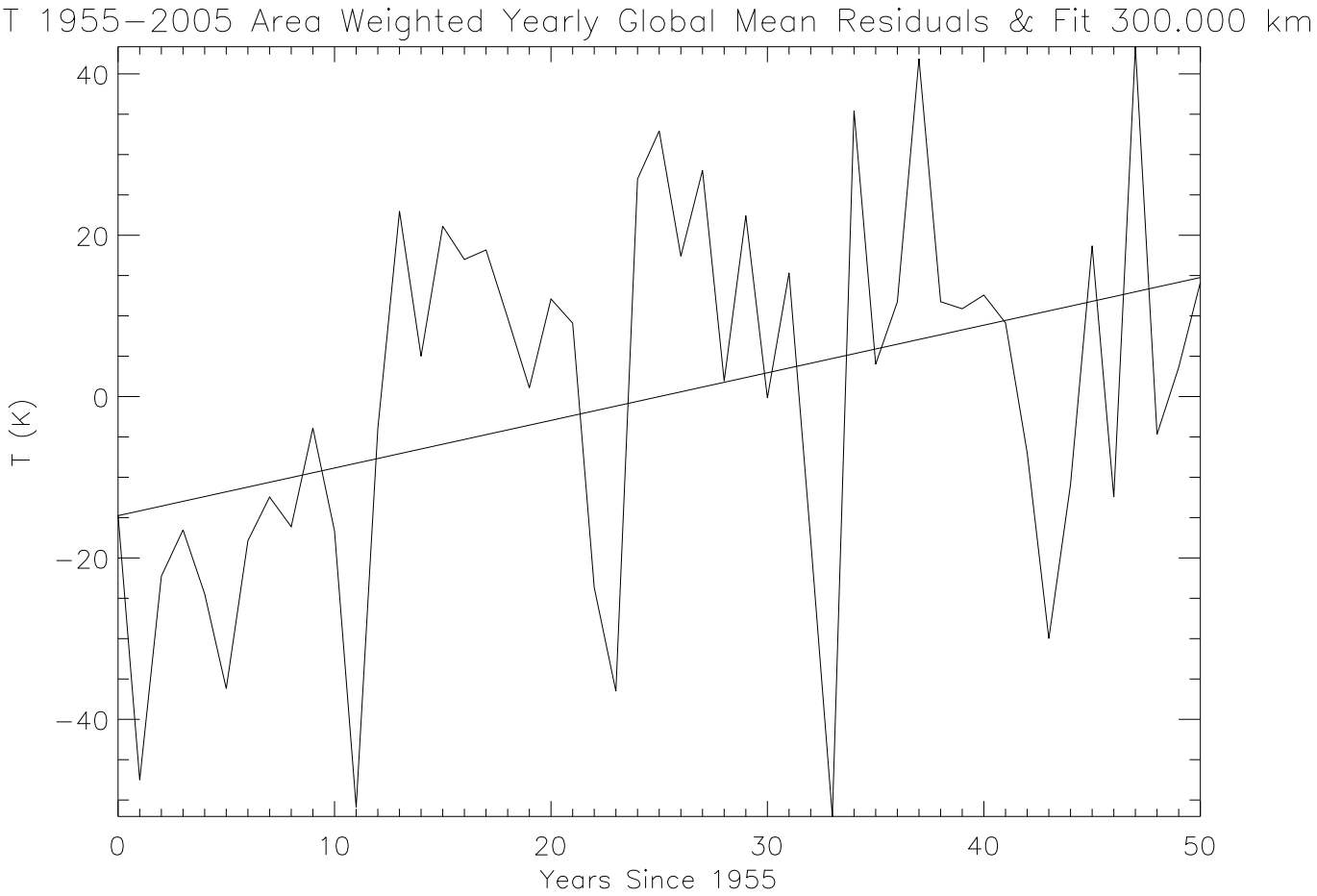

CO2 1970−2000 Area Weighted Yearly Global Mean Residuals & Fit 305.000 km
CO2 mol/mol
1×10⁻⁹
0
−1×10⁻⁹
−2×10⁻⁹
−3×10⁻⁹
0
5
10
15
20
25
30
Years Since 1970

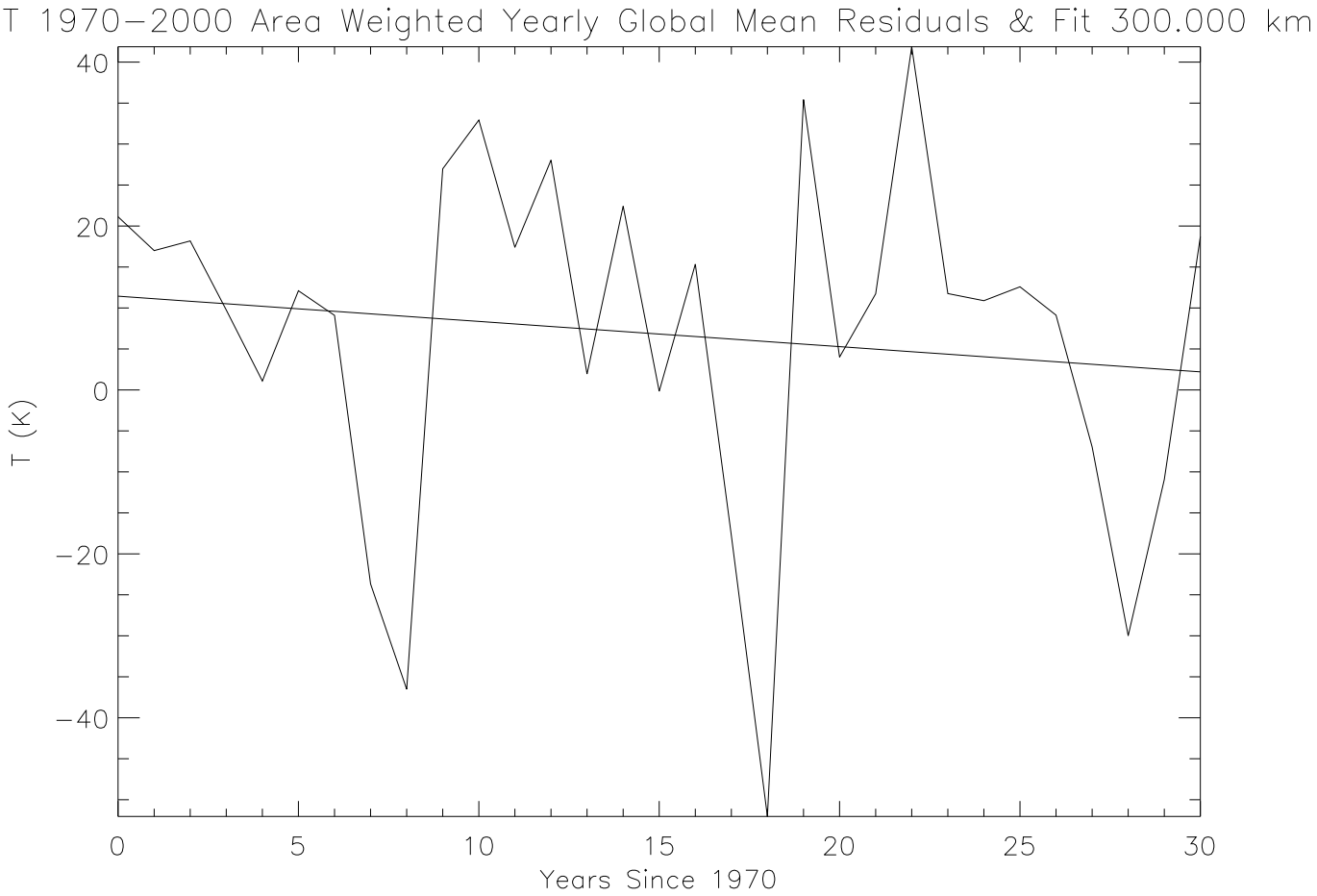

T 1955−2005 Area Weighted Yearly Global Mean Residuals & Fit 305.000 km
T (K)
40
20
0
−20
−40
0
10
20
30
40
50
Years Since 1955

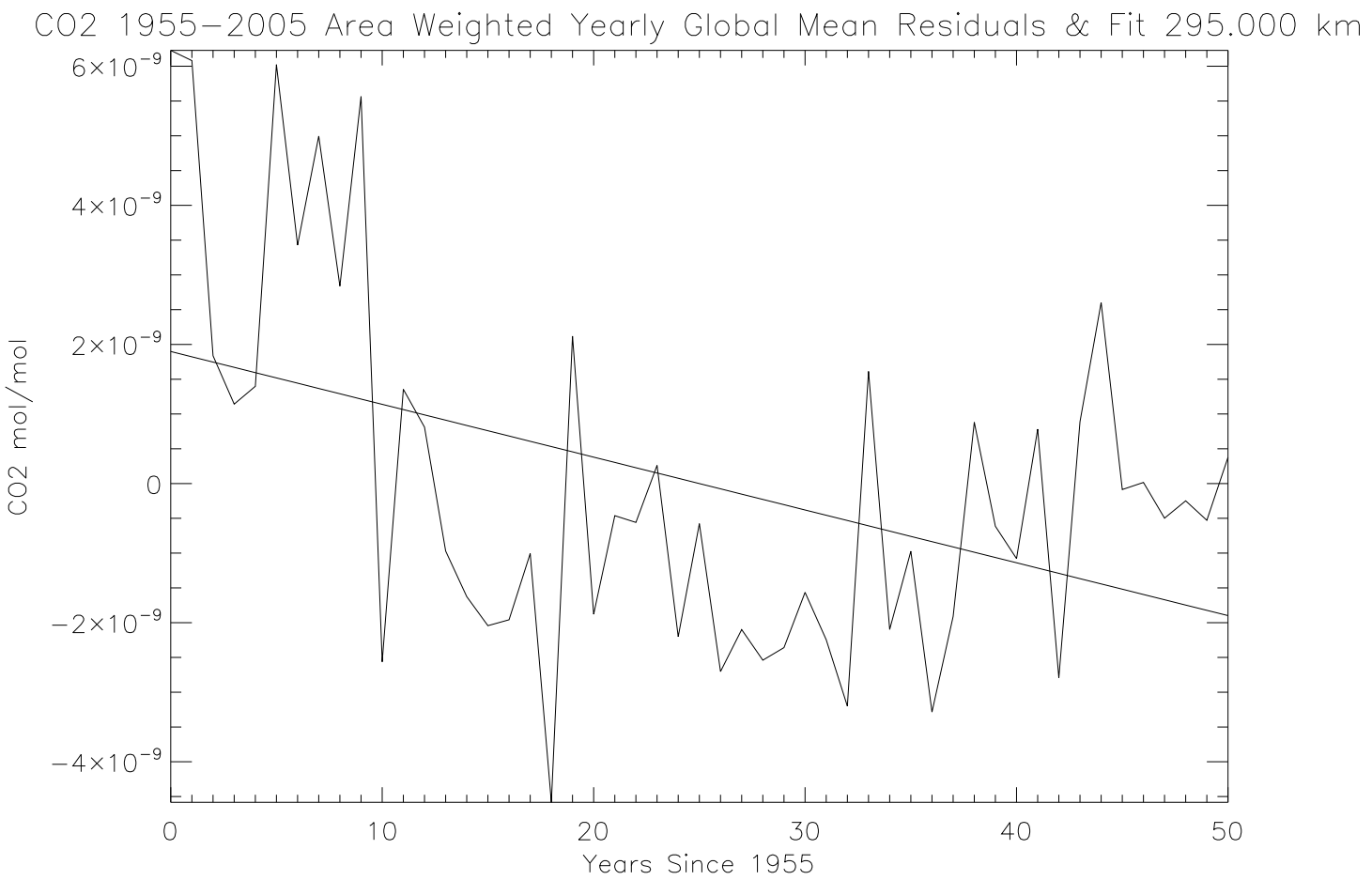

T 1970−2000 Area Weighted Yearly Global Mean Residuals & Fit 305.000 km
T (K)
40
20
0
−20
−40
0
5
10
15
20
25
30
Years Since 1970

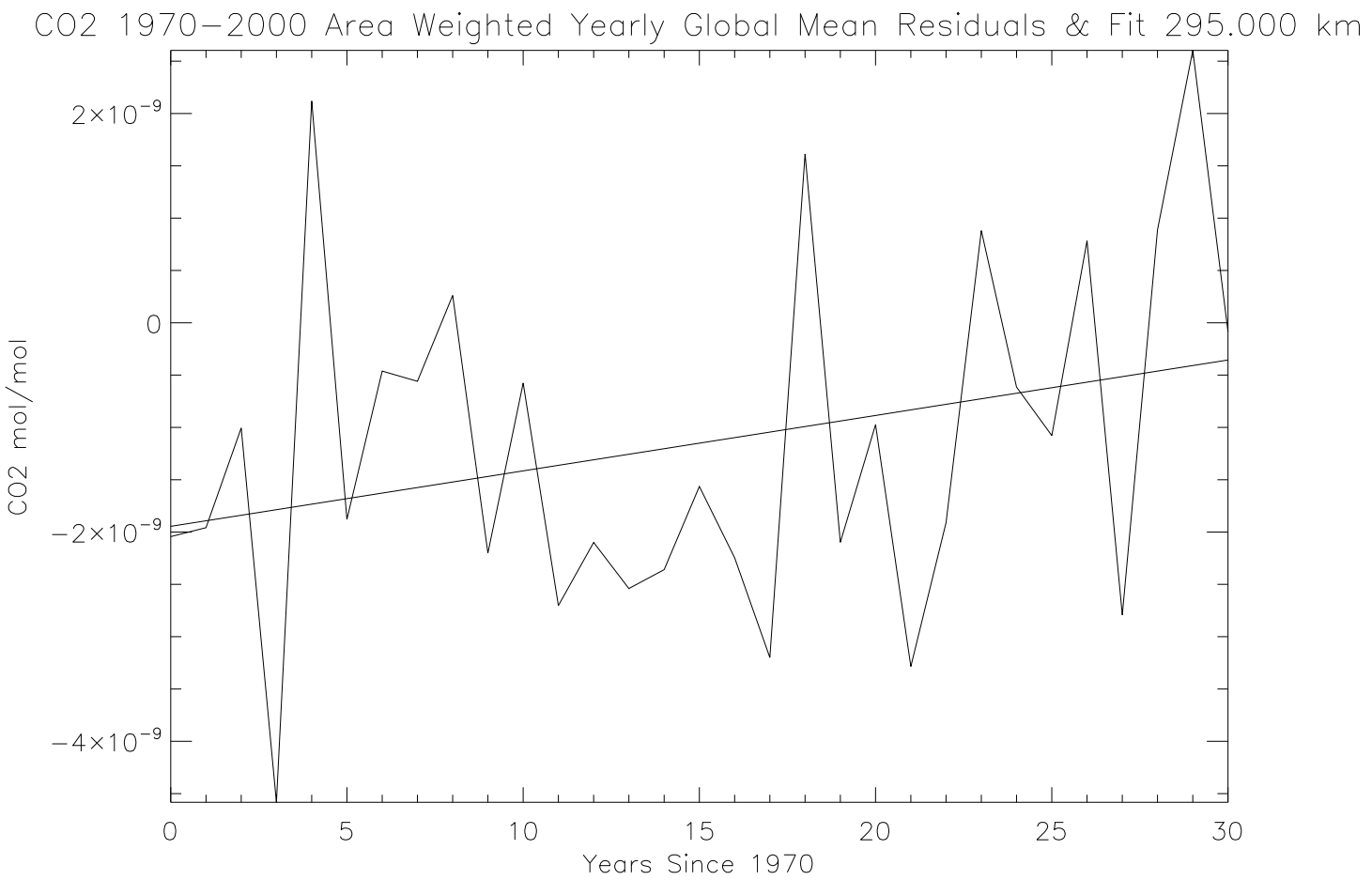

CO2 1955–2005 Area Weighted Yearly Global Mean Residuals & Fit 300.000 km
4×10⁻⁹
2×10⁻⁹
0
−2×10⁻⁹
CO2 mol/mol
0
10
20
30
40
50
Years Since 1955

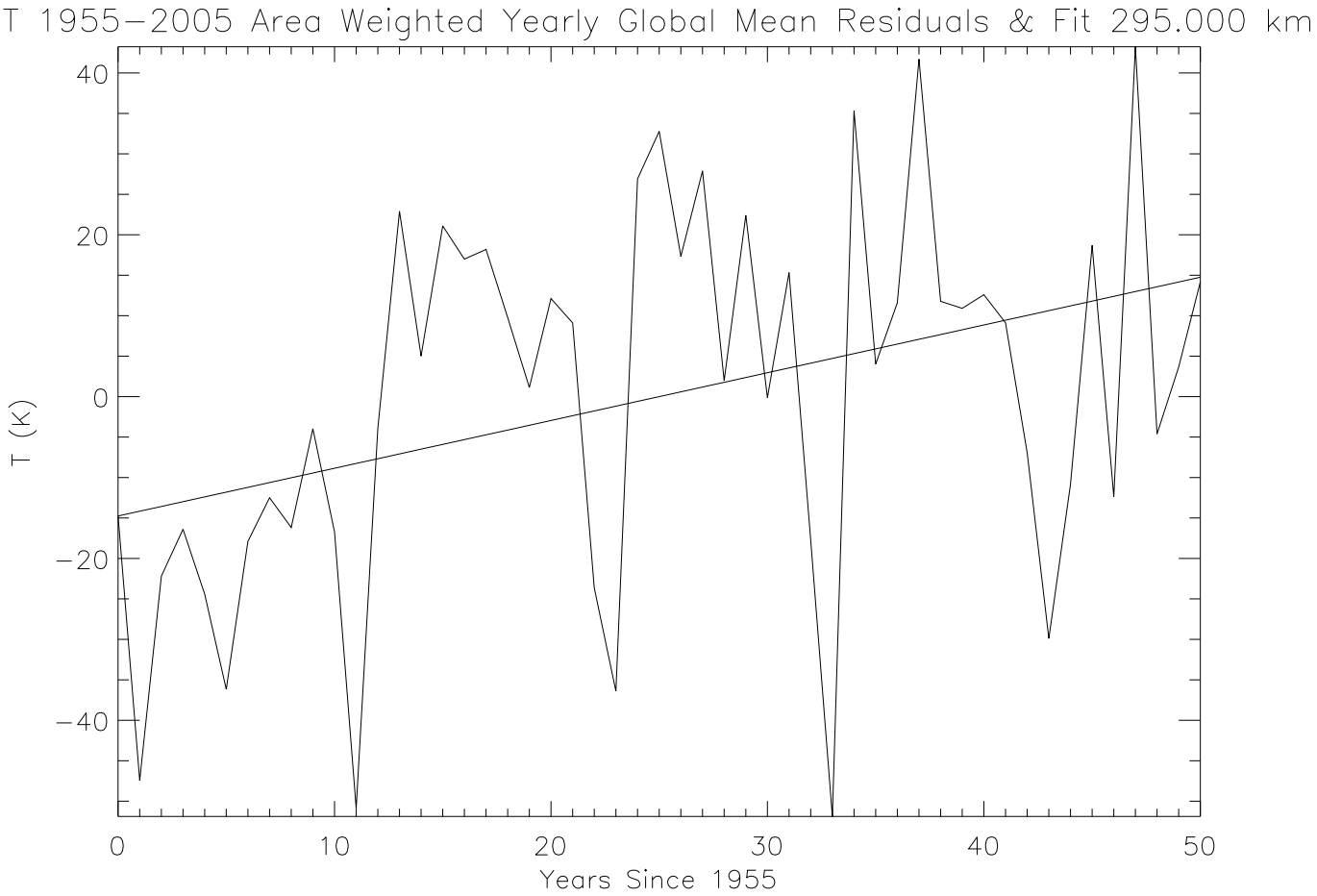

CO2 1970−2000 Area Weighted Yearly Global Mean Residuals & Fit 300.000 km
2×10⁻⁹
1×10⁻⁹
0
−1×10⁻⁹
−2×10⁻⁹
−3×10⁻⁹
CO2 mol/mol
0
5
10
15
20
25
30
Years Since 1970

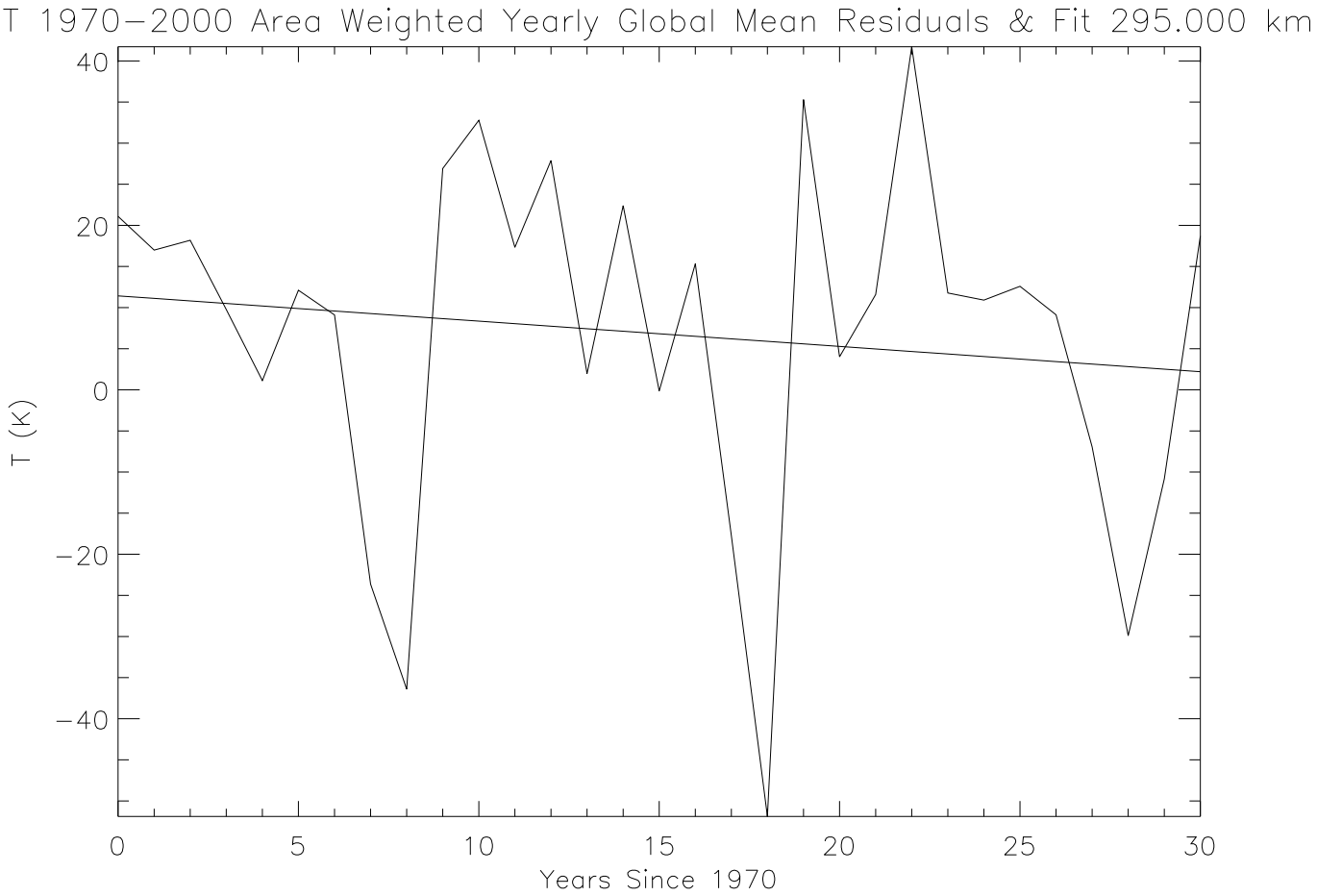

T 1955−2005 Area Weighted Yearly Global Mean Residuals & Fit 300.000 km
T (K)
40
20
0
−20
−40
0
10
20
30
40
50
Years Since 1955

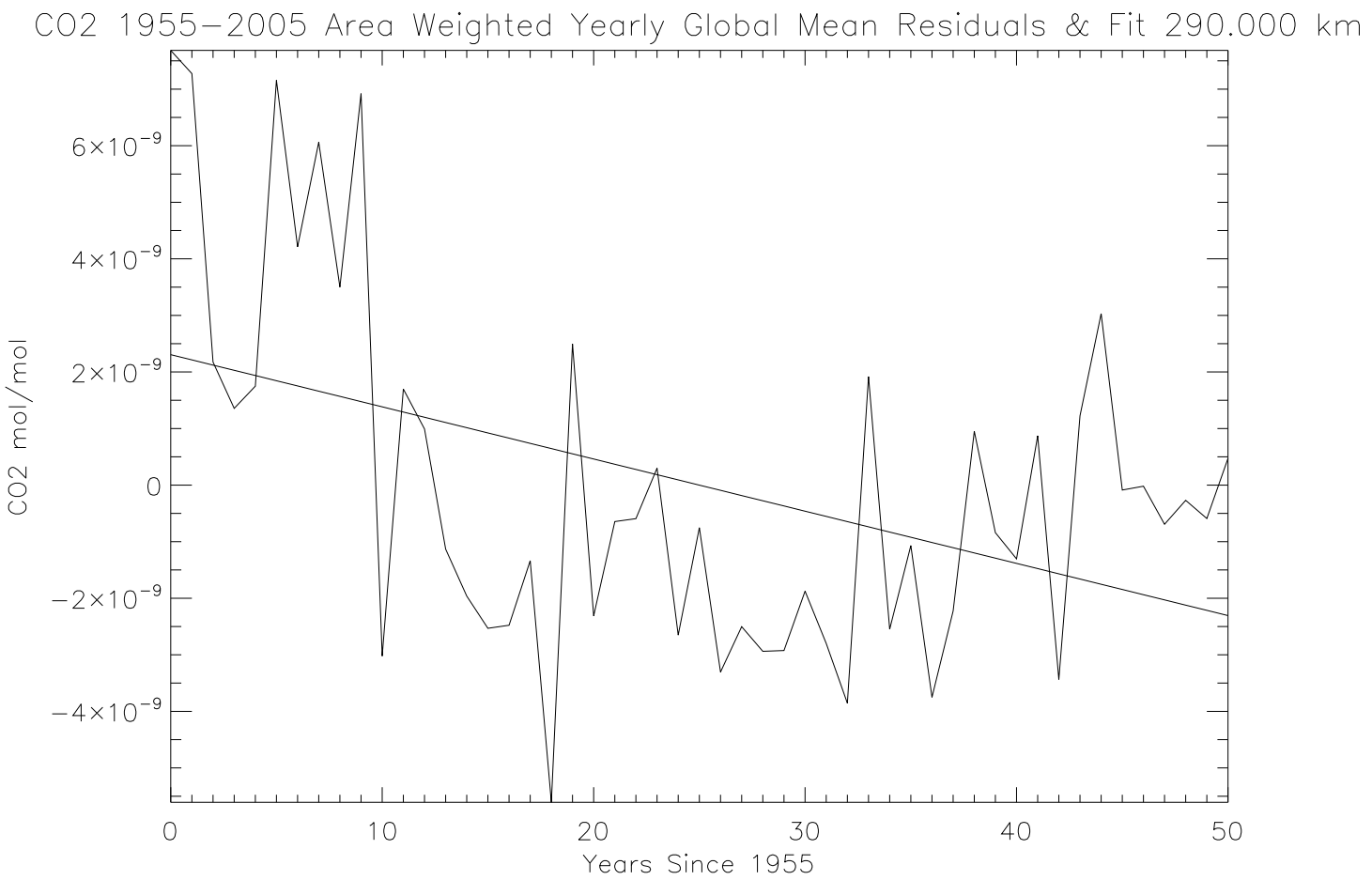

T 1970−2000 Area Weighted Yearly Global Mean Residuals & Fit 300.000 km
T (K)
40
20
0
−20
−40
0
5
10
15
20
25
30
Years Since 1970

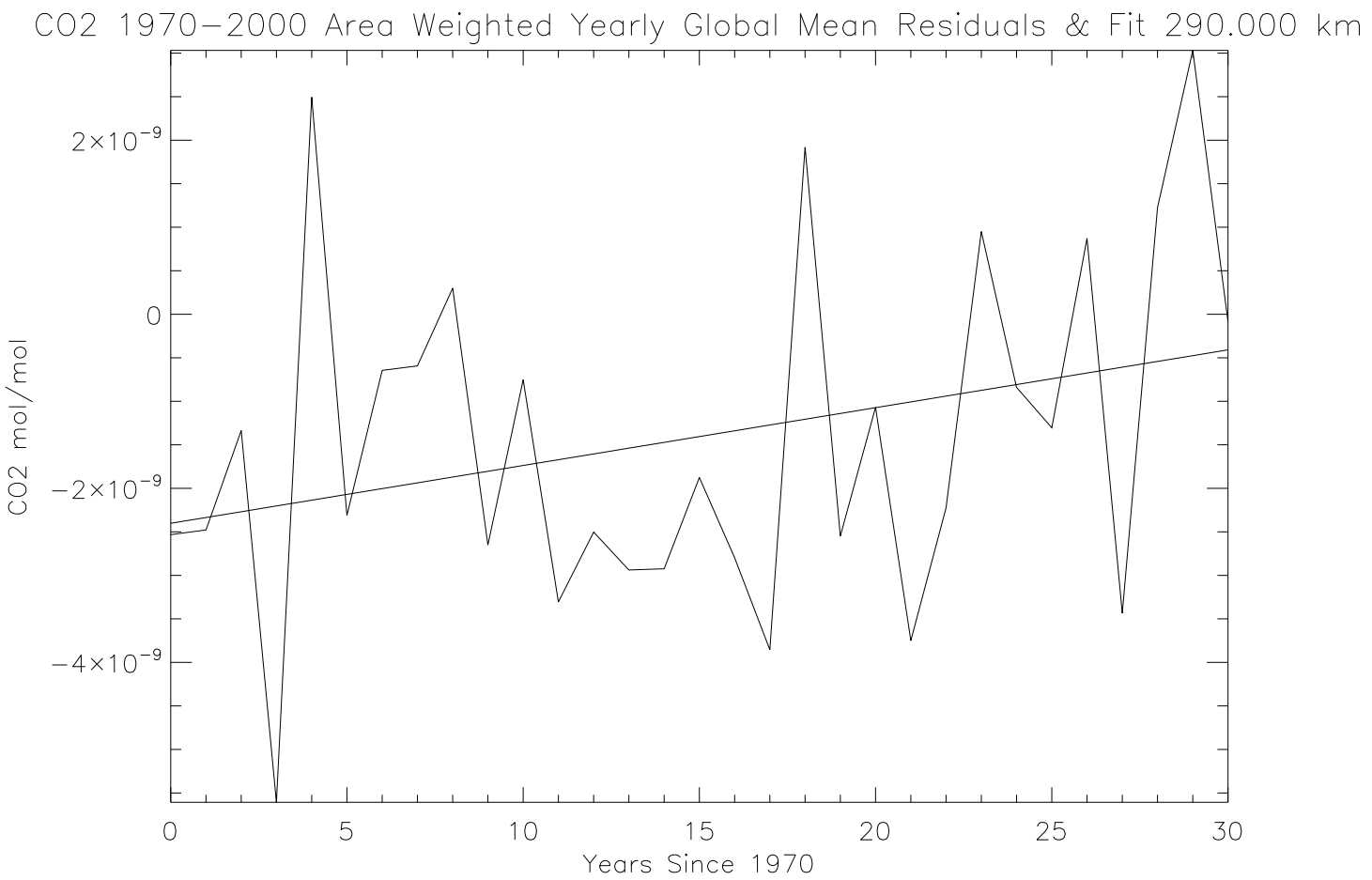

CO2 1955–2005 Area Weighted Yearly Global Mean Residuals & Fit 295.000 km
6×10⁻⁹
4×10⁻⁹
2×10⁻⁹
0
−2×10⁻⁹
−4×10⁻⁹
CO2 mol/mol
0
10
20
30
40
50
Years Since 1955

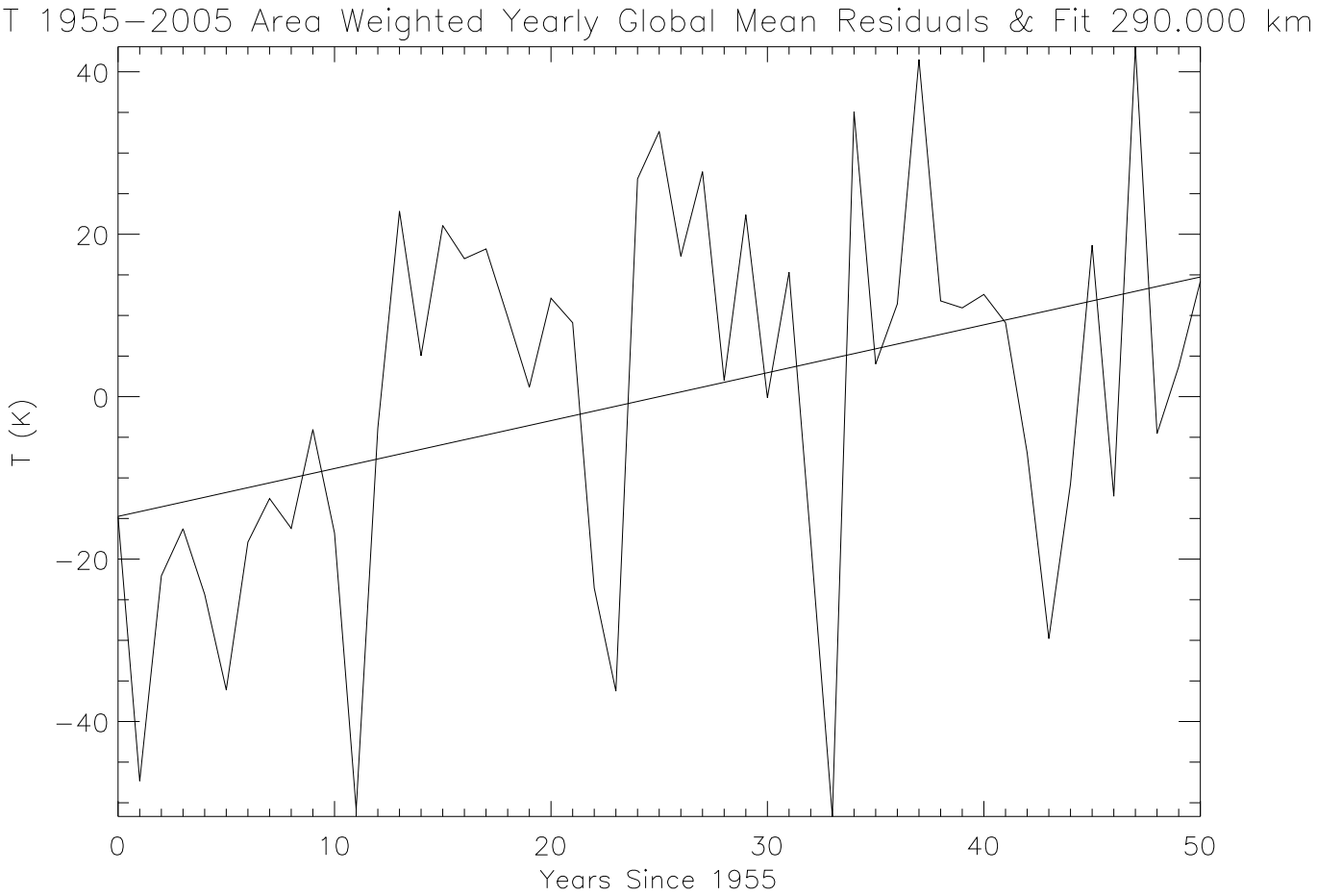

CO2 1970−2000 Area Weighted Yearly Global Mean Residuals & Fit 295.000 km
2×10⁻⁹
0
−2×10⁻⁹
−4×10⁻⁹
CO2 mol/mol
0
5
10
15
20
25
30
Years Since 1970

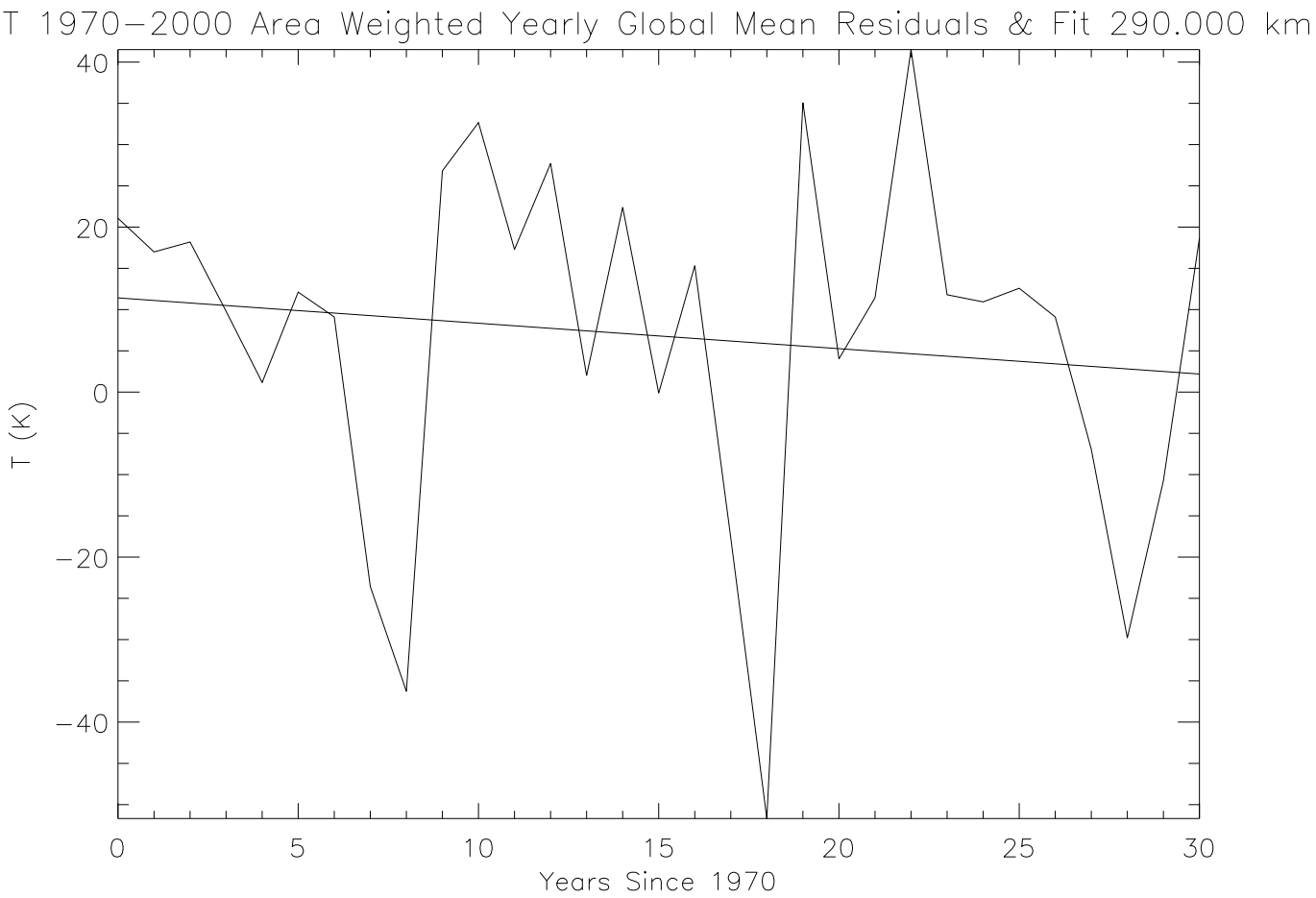

T 1955−2005 Area Weighted Yearly Global Mean Residuals & Fit 295.000 km
T (K)
40
20
0
−20
−40
0
10
20
30
40
50
Years Since 1955

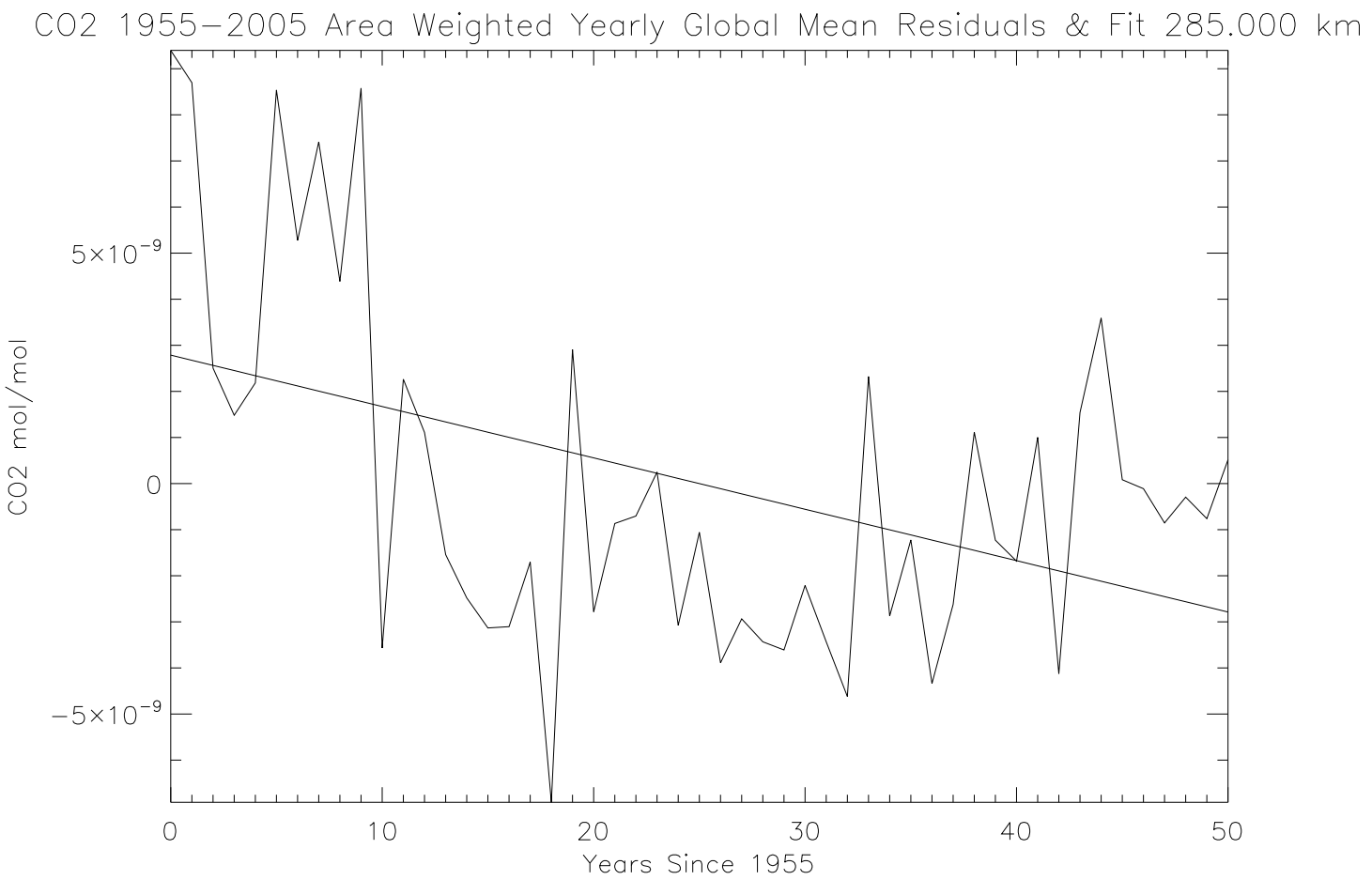

T 1970−2000 Area Weighted Yearly Global Mean Residuals & Fit 295.000 km
40
20
0
−20
−40
T (K)
0
5
10
15
20
25
30
Years Since 1970

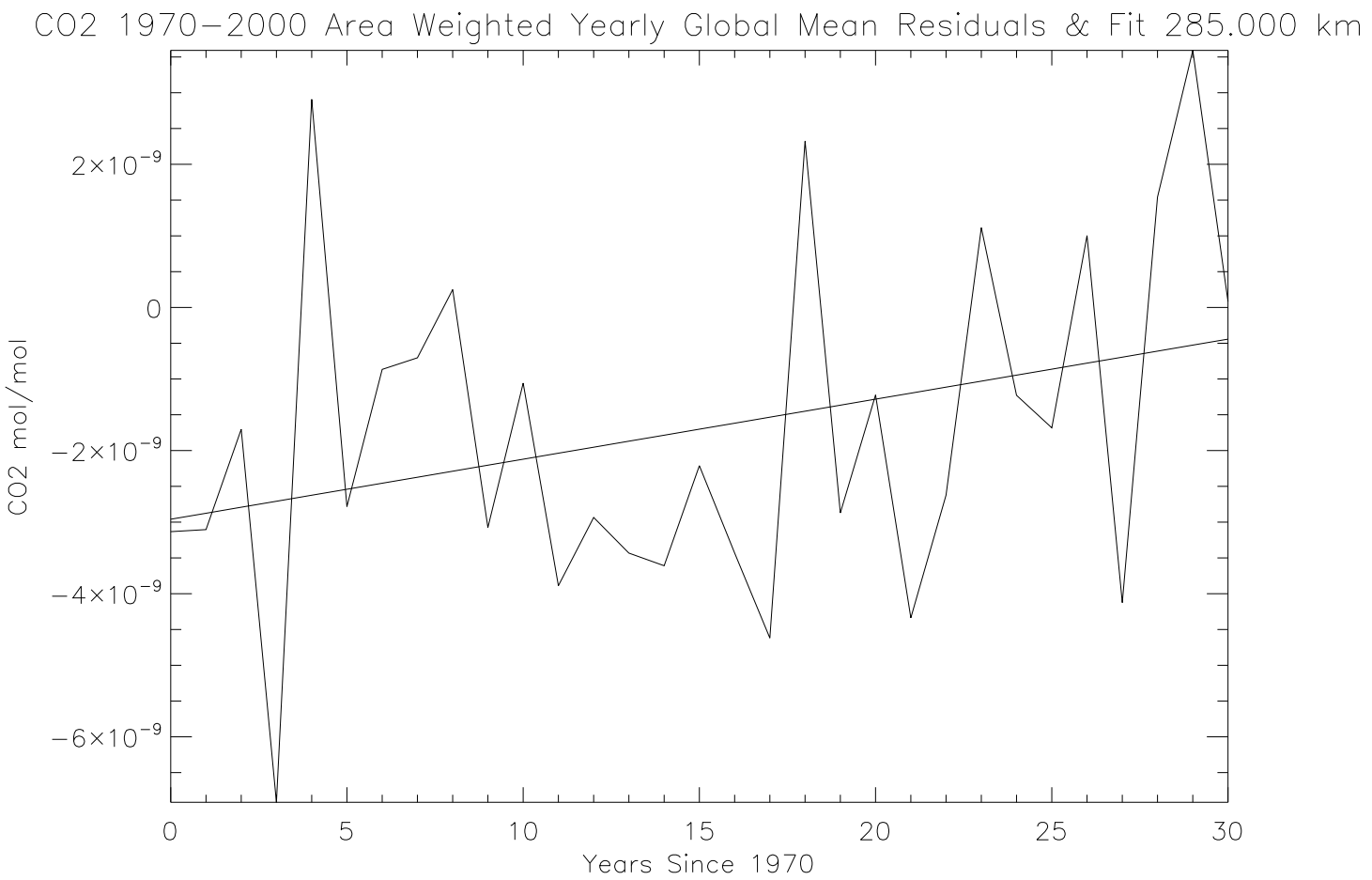

CO2 1955–2005 Area Weighted Yearly Global Mean Residuals & Fit 290.000 km
6×10⁻⁹
4×10⁻⁹
2×10⁻⁹
0
−2×10⁻⁹
−4×10⁻⁹
CO2 mol/mol
0
10
20
30
40
50
Years Since 1955

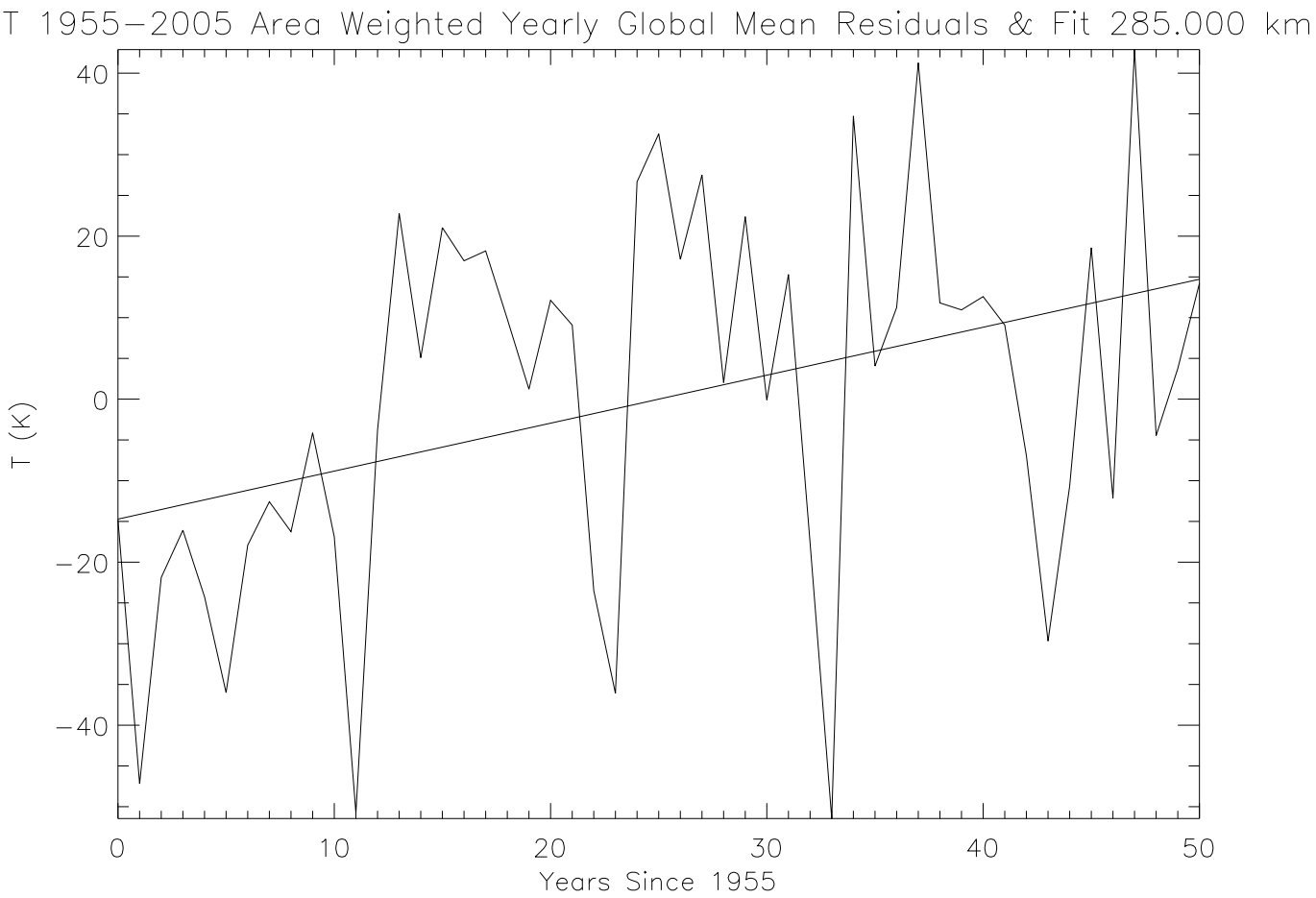

CO2 1970−2000 Area Weighted Yearly Global Mean Residuals & Fit 290.000 km
2×10⁻⁹
0
−2×10⁻⁹
−4×10⁻⁹
CO2 mol/mol
0
5
10
15
20
25
30
Years Since 1970

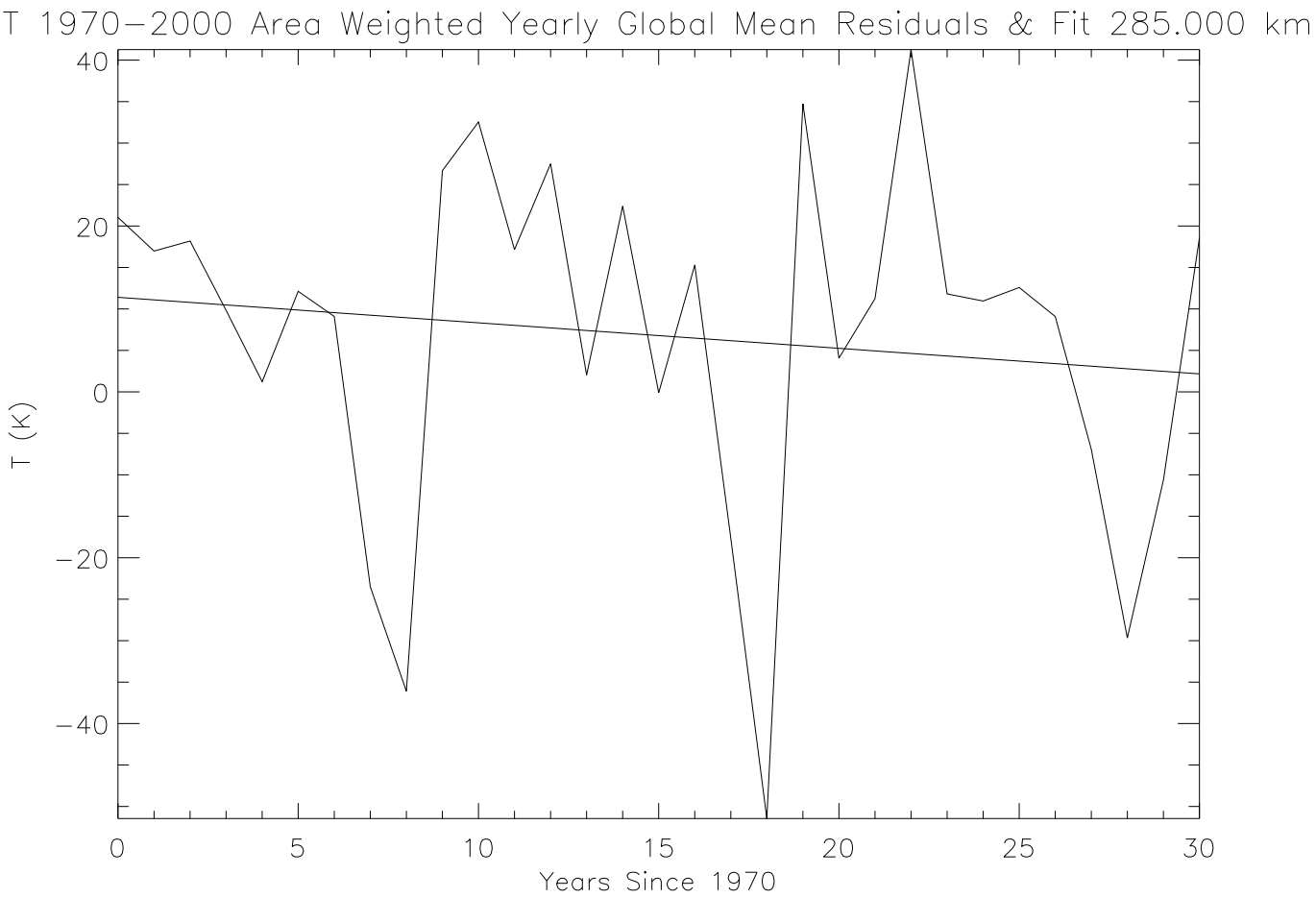

T 1955−2005 Area Weighted Yearly Global Mean Residuals & Fit 290.000 km
T (K)
40
20
0
−20
−40
0
10
20
30
40
50
Years Since 1955

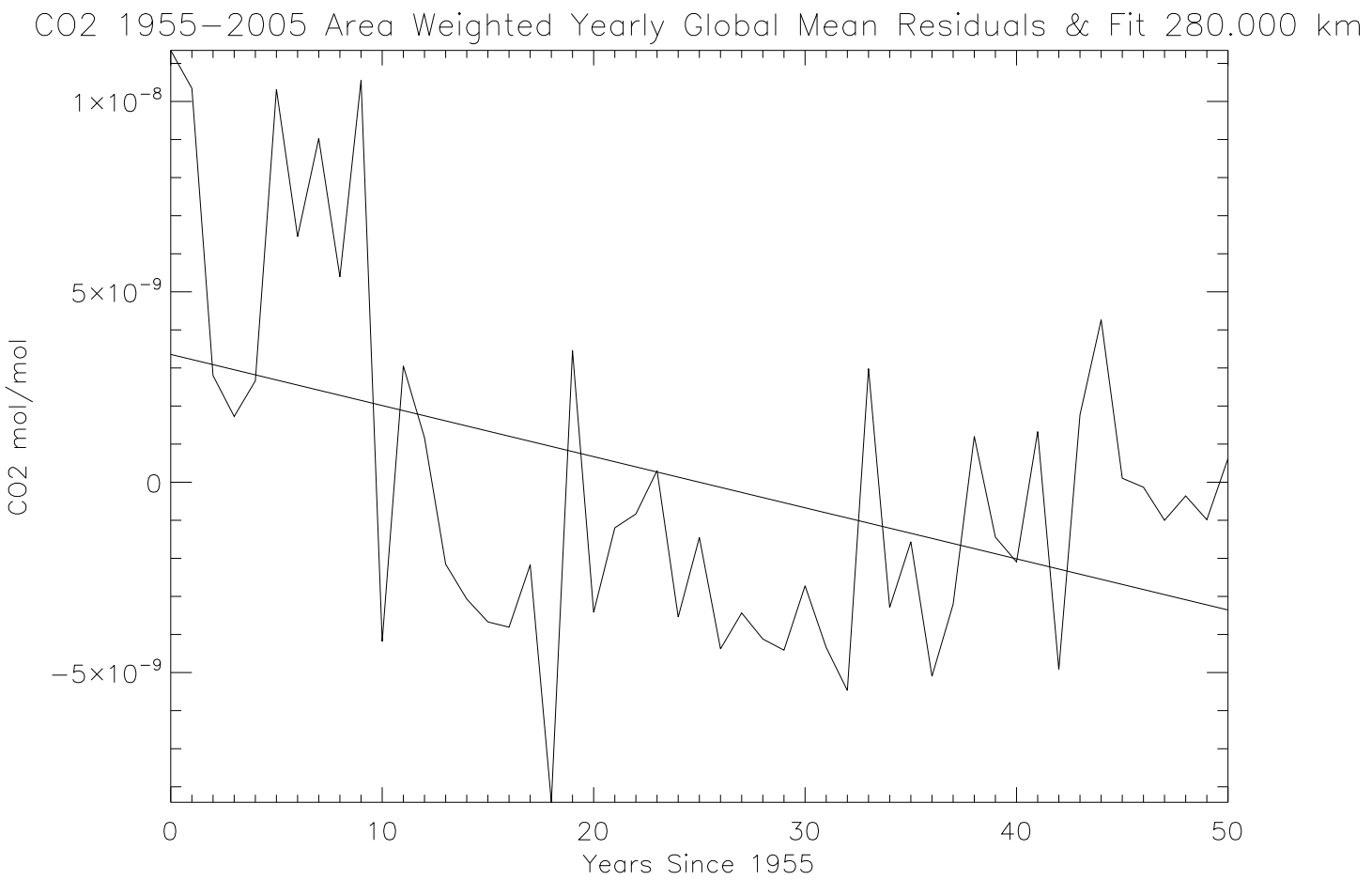

T 1970−2000 Area Weighted Yearly Global Mean Residuals & Fit 290.000 km
40
20
0
−20
−40
T (K)
0
5
10
15
20
25
30
Years Since 1970

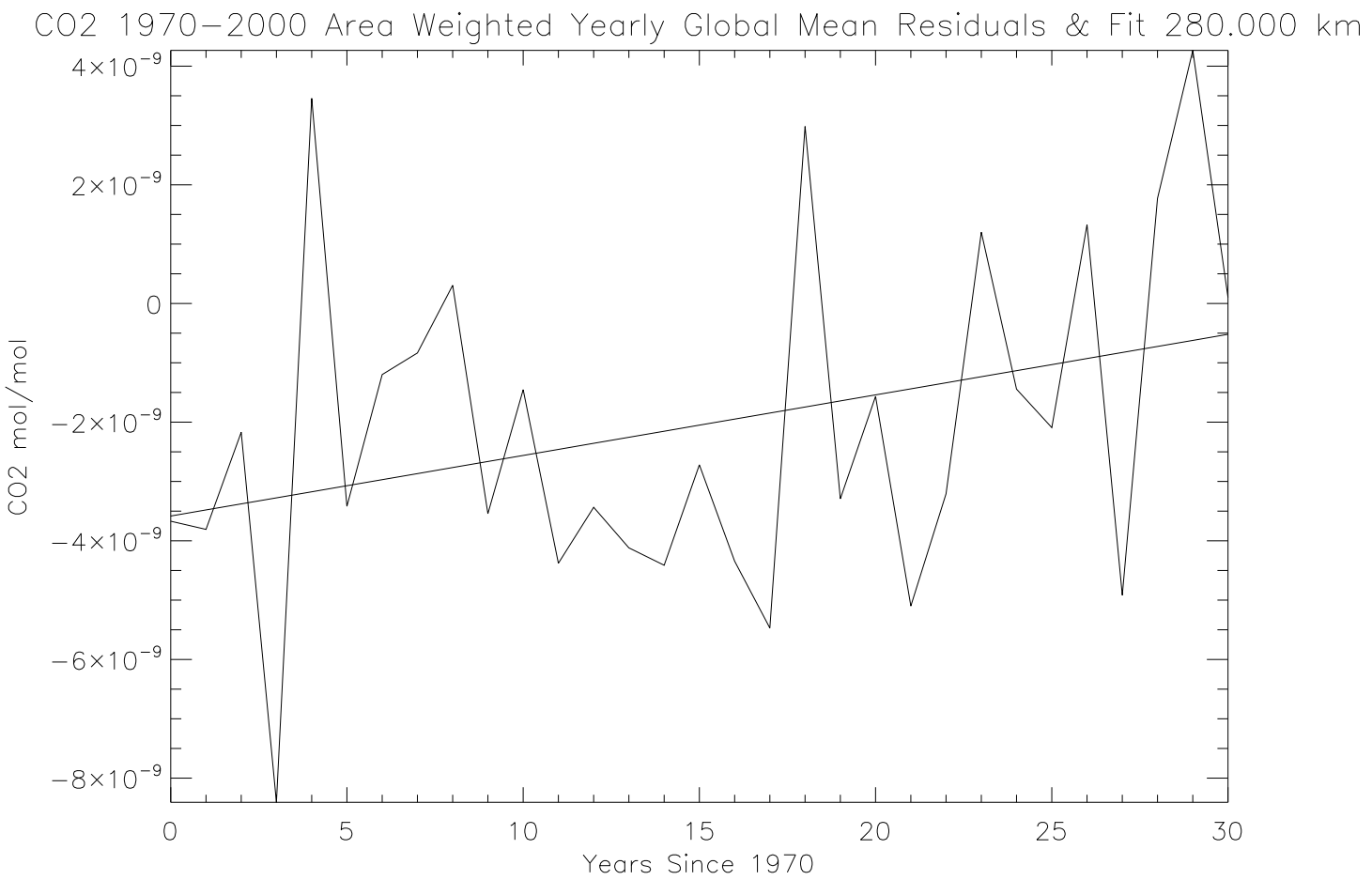

CO2 1955–2005 Area Weighted Yearly Global Mean Residuals & Fit 285.000 km
5×10⁻⁹
0
−5×10⁻⁹
CO2 mol/mol
0
10
20
30
40
50
Years Since 1955

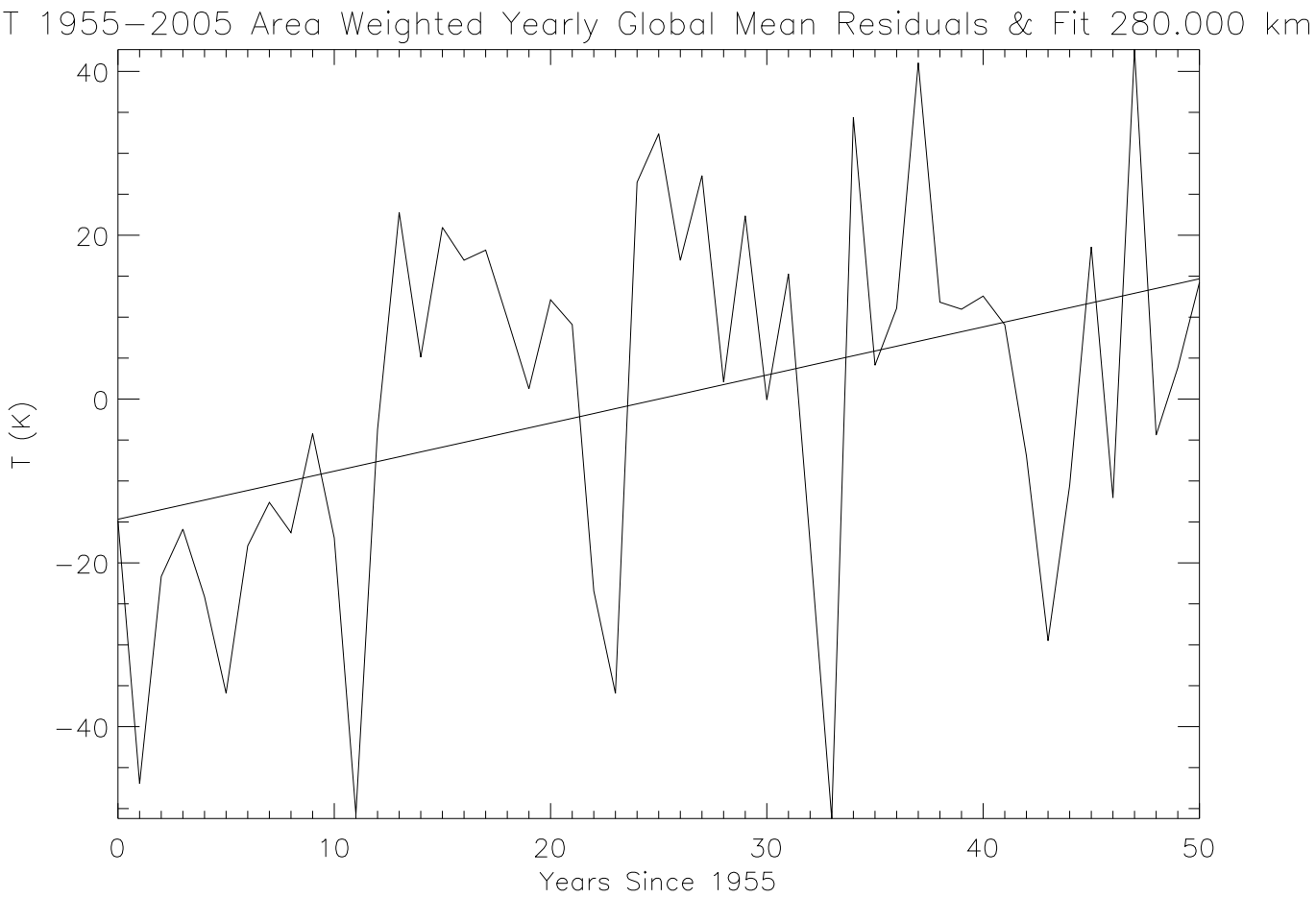

CO2 1970−2000 Area Weighted Yearly Global Mean Residuals & Fit 285.000 km
2×10⁻⁹
0
−2×10⁻⁹
−4×10⁻⁹
−6×10⁻⁹
CO2 mol/mol
0
5
10
15
20
25
30
Years Since 1970

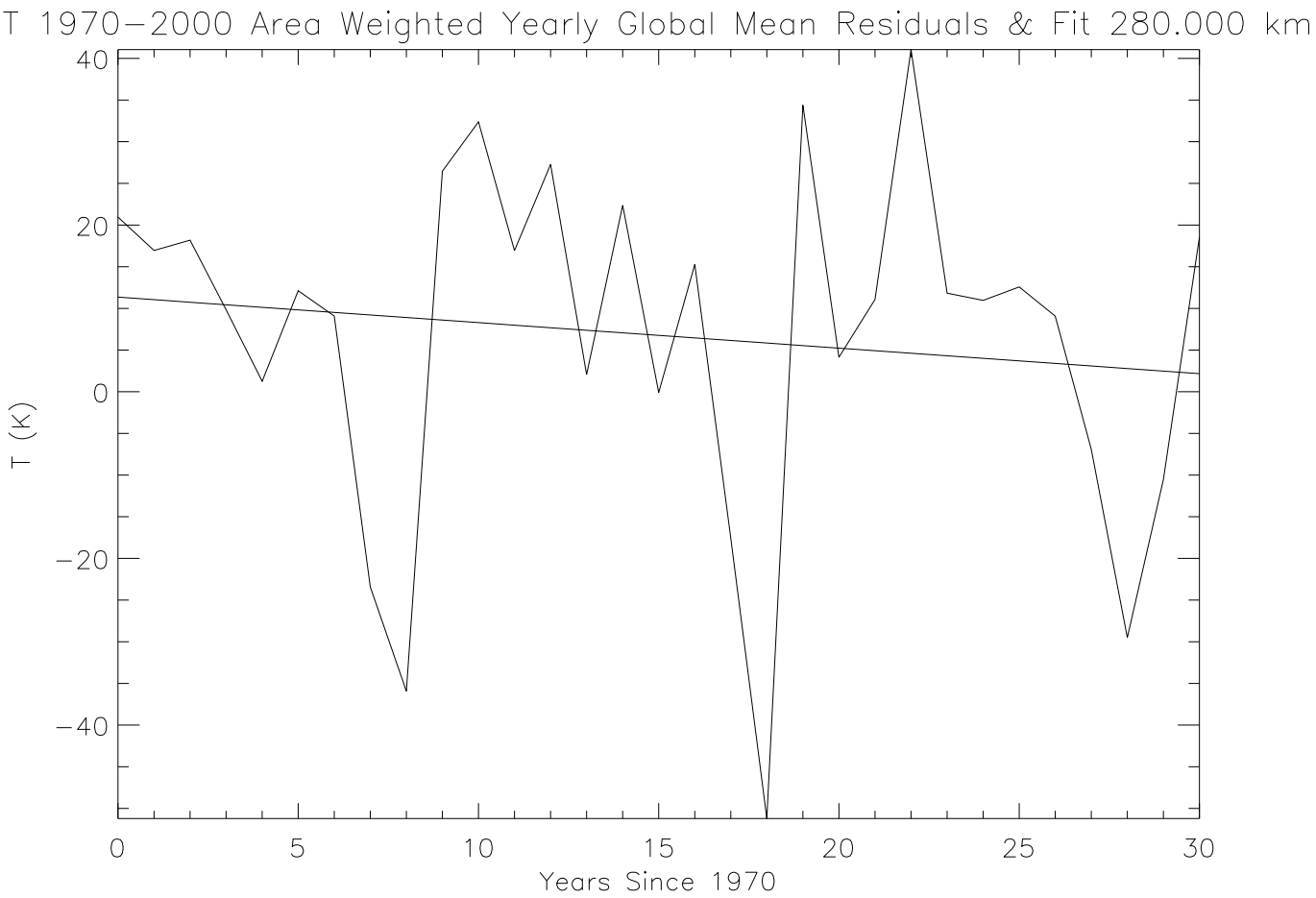

T 1955−2005 Area Weighted Yearly Global Mean Residuals & Fit 285.000 km
T (K)
40
20
0
−20
−40
0
10
20
30
40
50
Years Since 1955

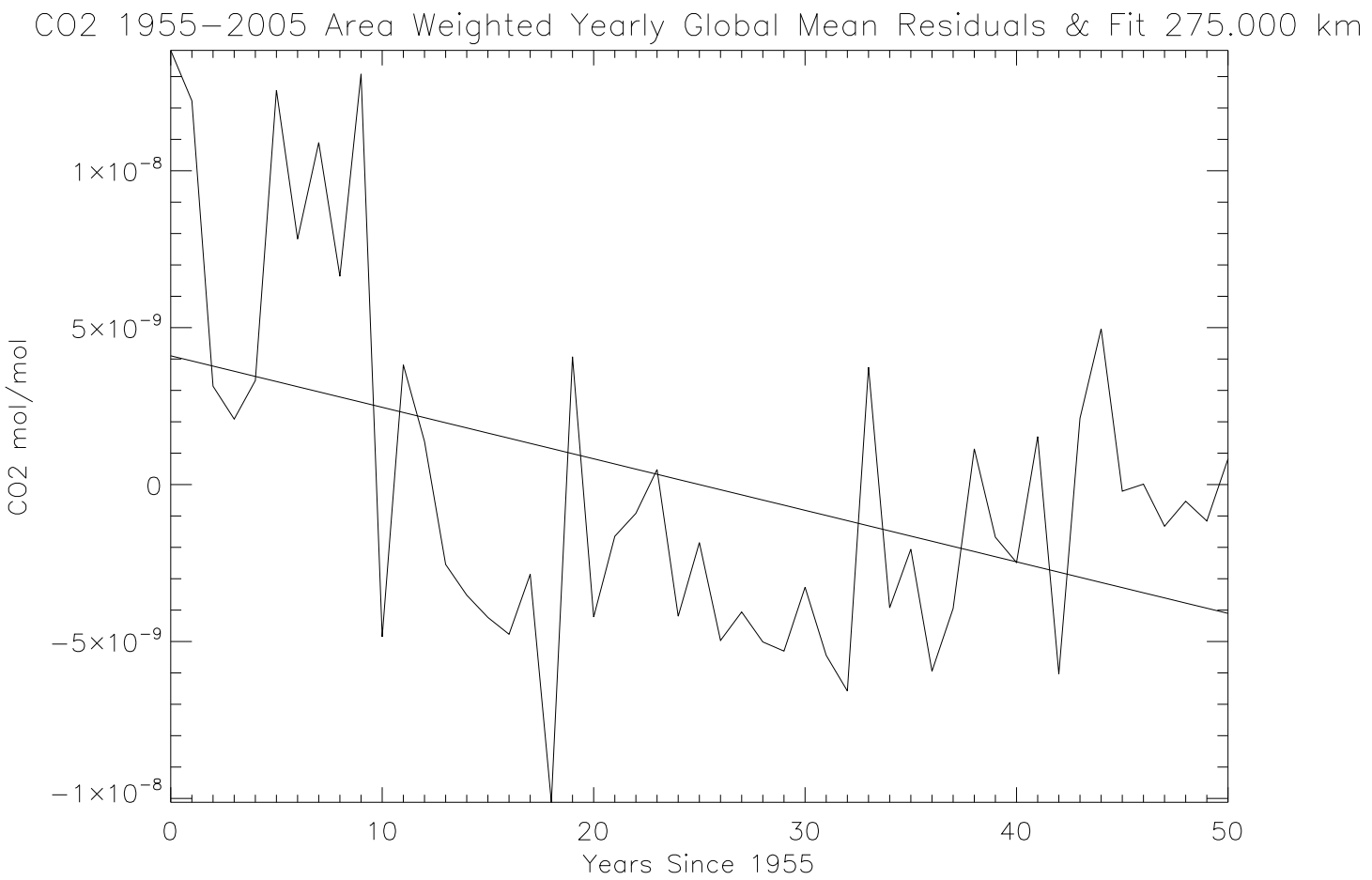

T 1970−2000 Area Weighted Yearly Global Mean Residuals & Fit 285.000 km
40
20
0
−20
−40
T (K)
0
5
10
15
20
25
30
Years Since 1970

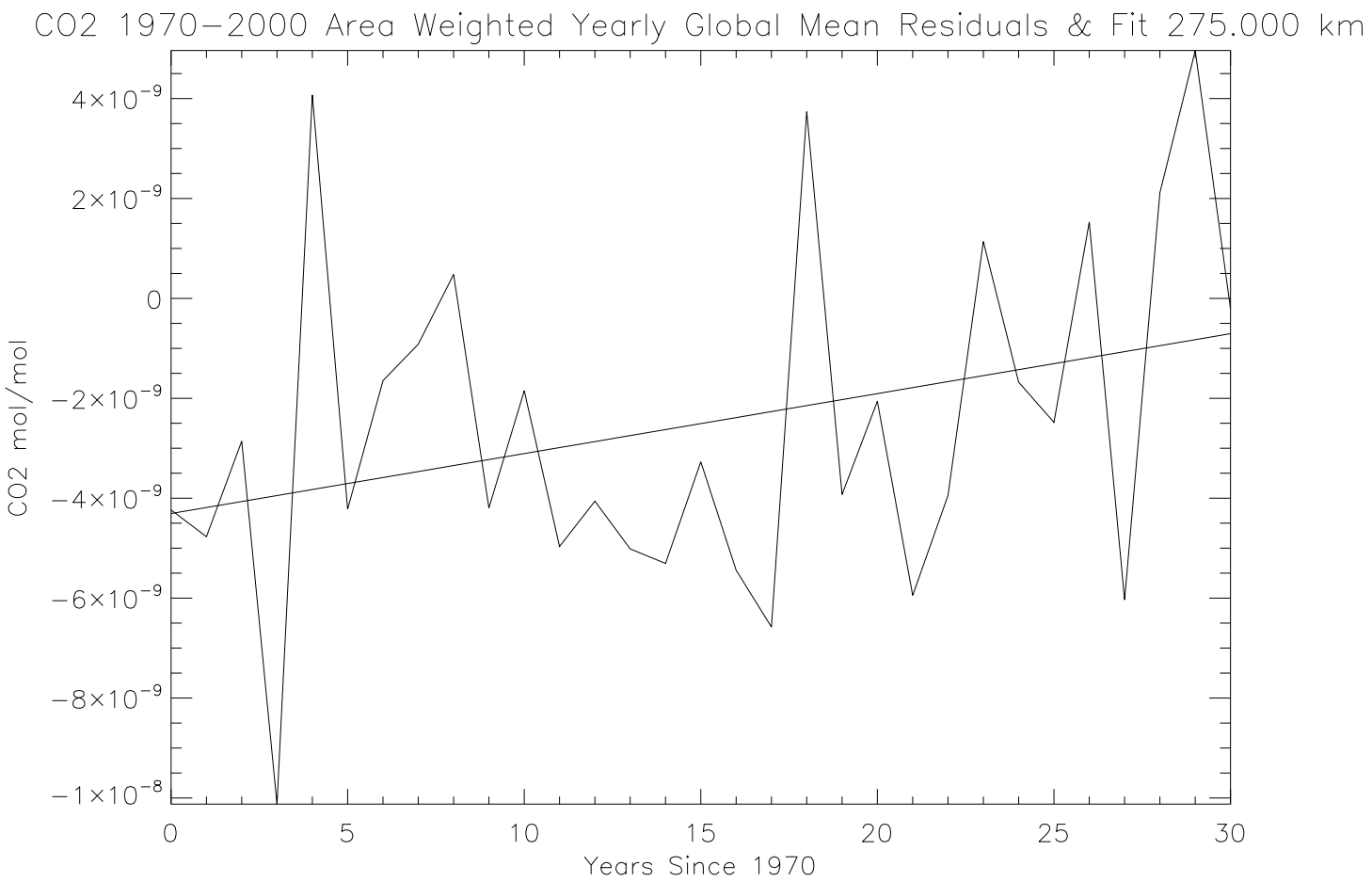

CO2 1955–2005 Area Weighted Yearly Global Mean Residuals & Fit 280.000 km
1×10⁻⁸
5×10⁻⁹
0
−5×10⁻⁹
CO2 mol/mol
0
10
20
30
40
50
Years Since 1955

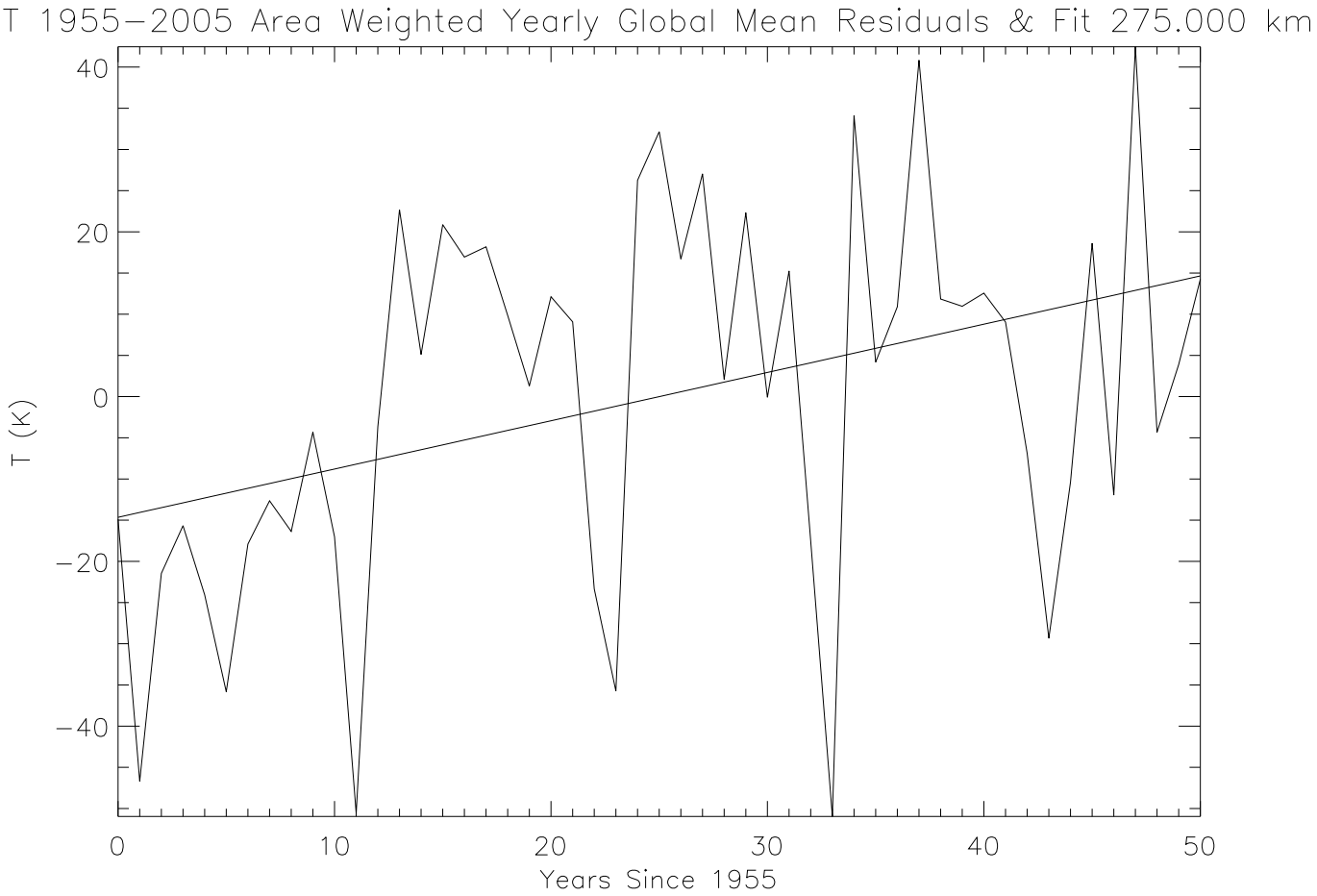

CO2 1970−2000 Area Weighted Yearly Global Mean Residuals & Fit 280.000 km
4×10⁻⁹
2×10⁻⁹
0
−2×10⁻⁹
−4×10⁻⁹
−6×10⁻⁹
−8×10⁻⁹
CO2 mol/mol
0
5
10
15
20
25
30
Years Since 1970

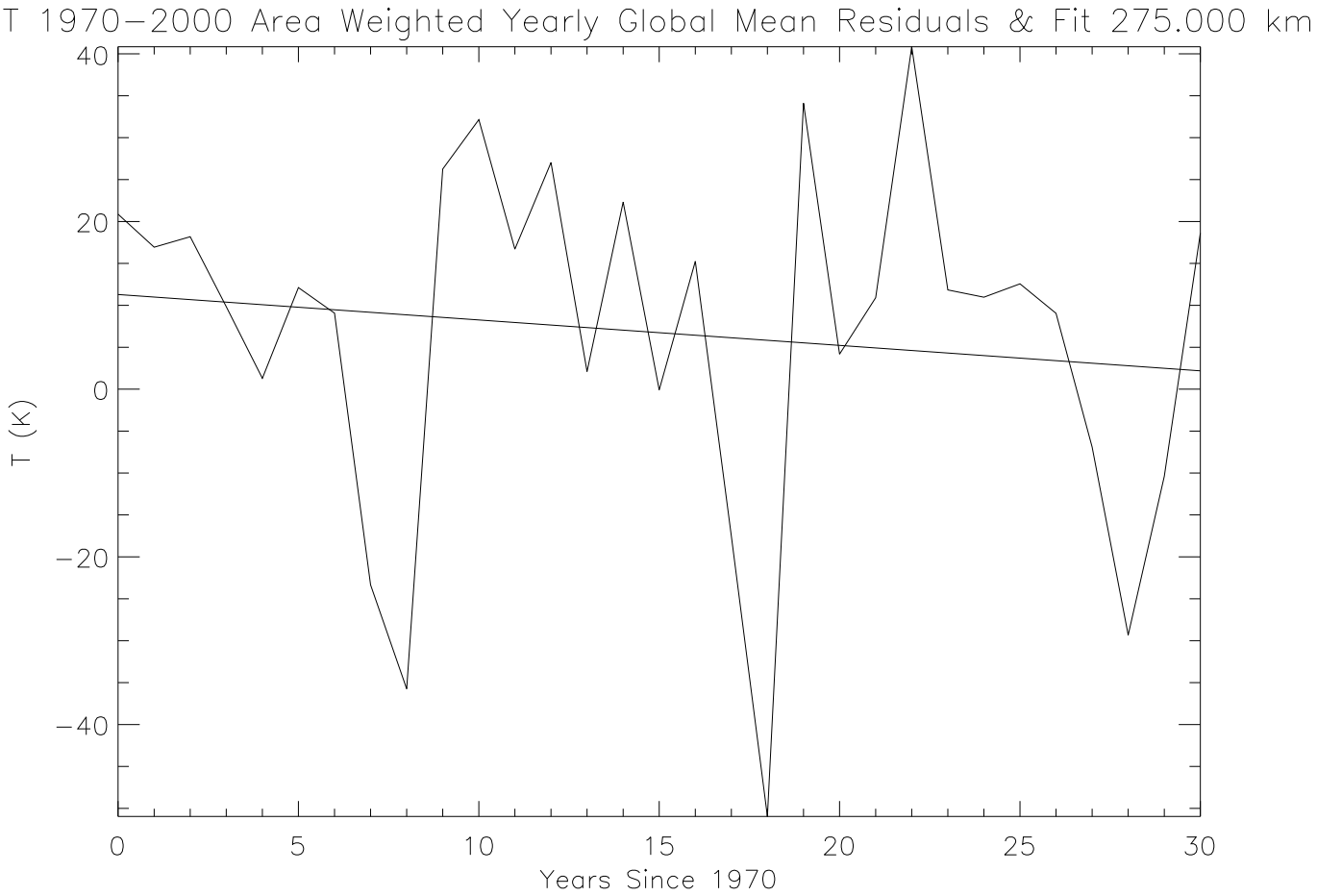

T 1955−2005 Area Weighted Yearly Global Mean Residuals & Fit 280.000 km
T (K)
40
20
0
−20
−40
0
10
20
30
40
50
Years Since 1955

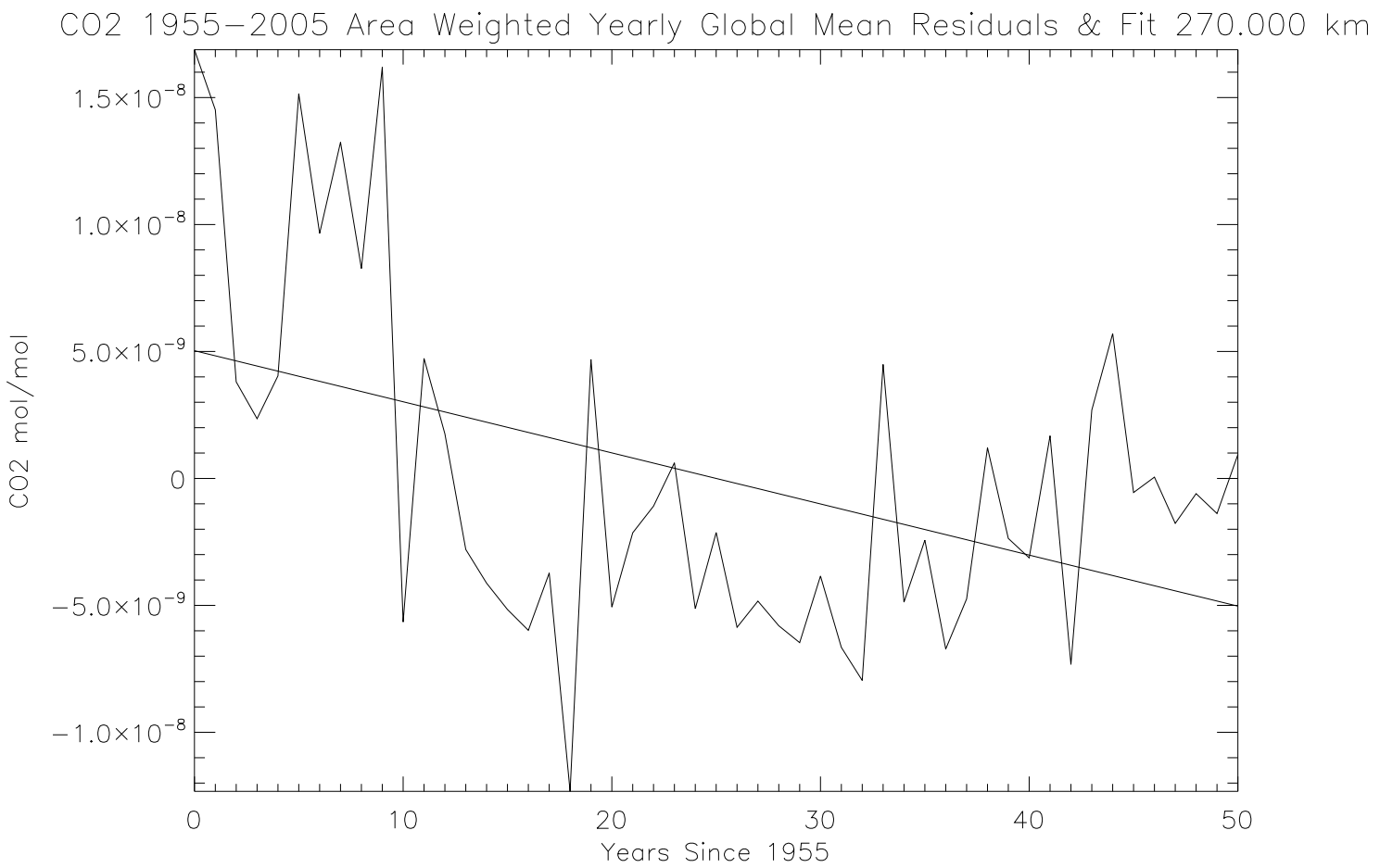

T 1970−2000 Area Weighted Yearly Global Mean Residuals & Fit 280.000 km
40
20
0
−20
−40
T (K)
0
5
10
15
20
25
30
Years Since 1970

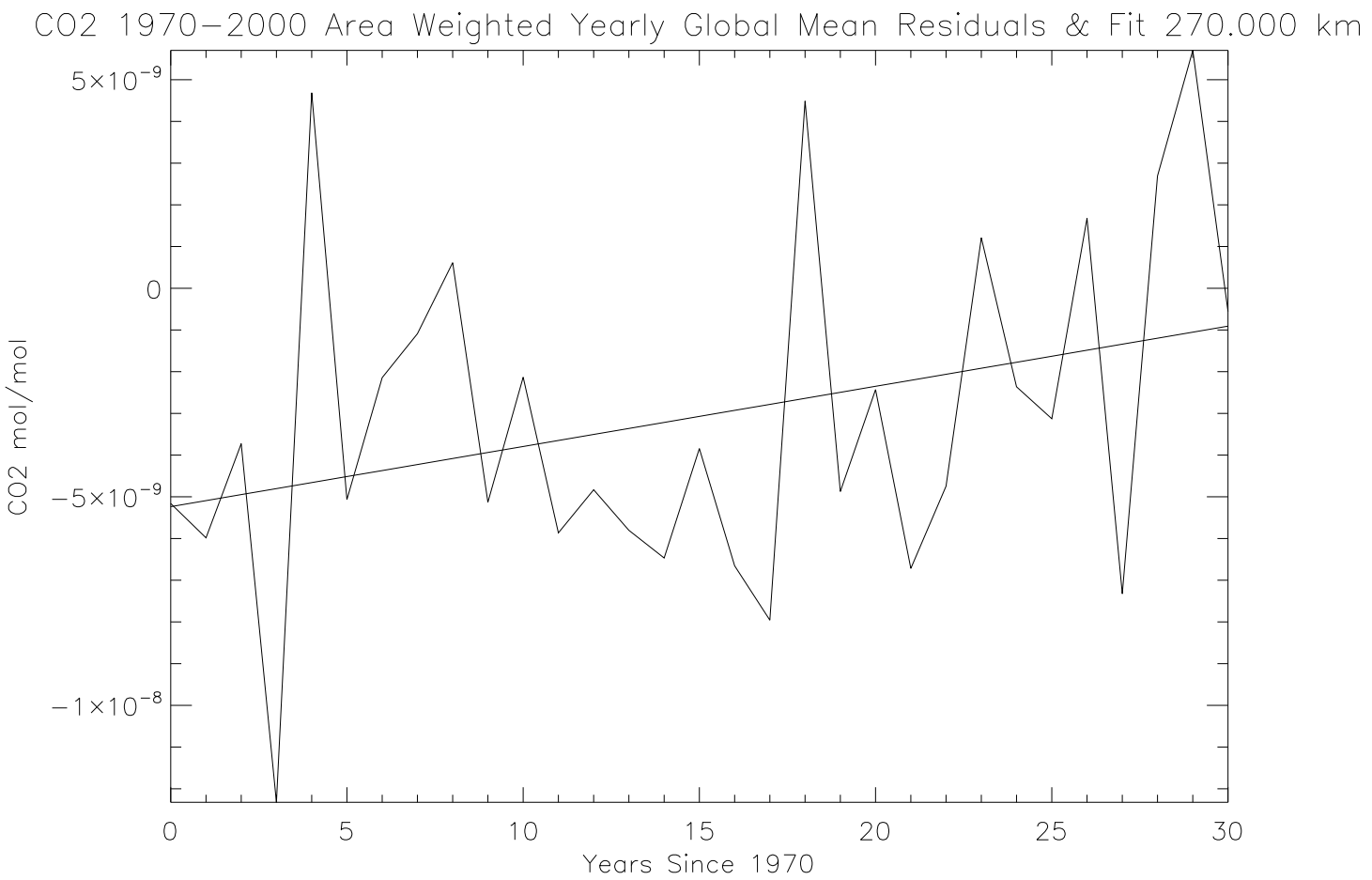

CO2 1955–2005 Area Weighted Yearly Global Mean Residuals & Fit 275.000 km
CO2 mol/mol
1×10⁻⁸
5×10⁻⁹
0
−5×10⁻⁹
−1×10⁻⁸
0
10
20
30
40
50
Years Since 1955

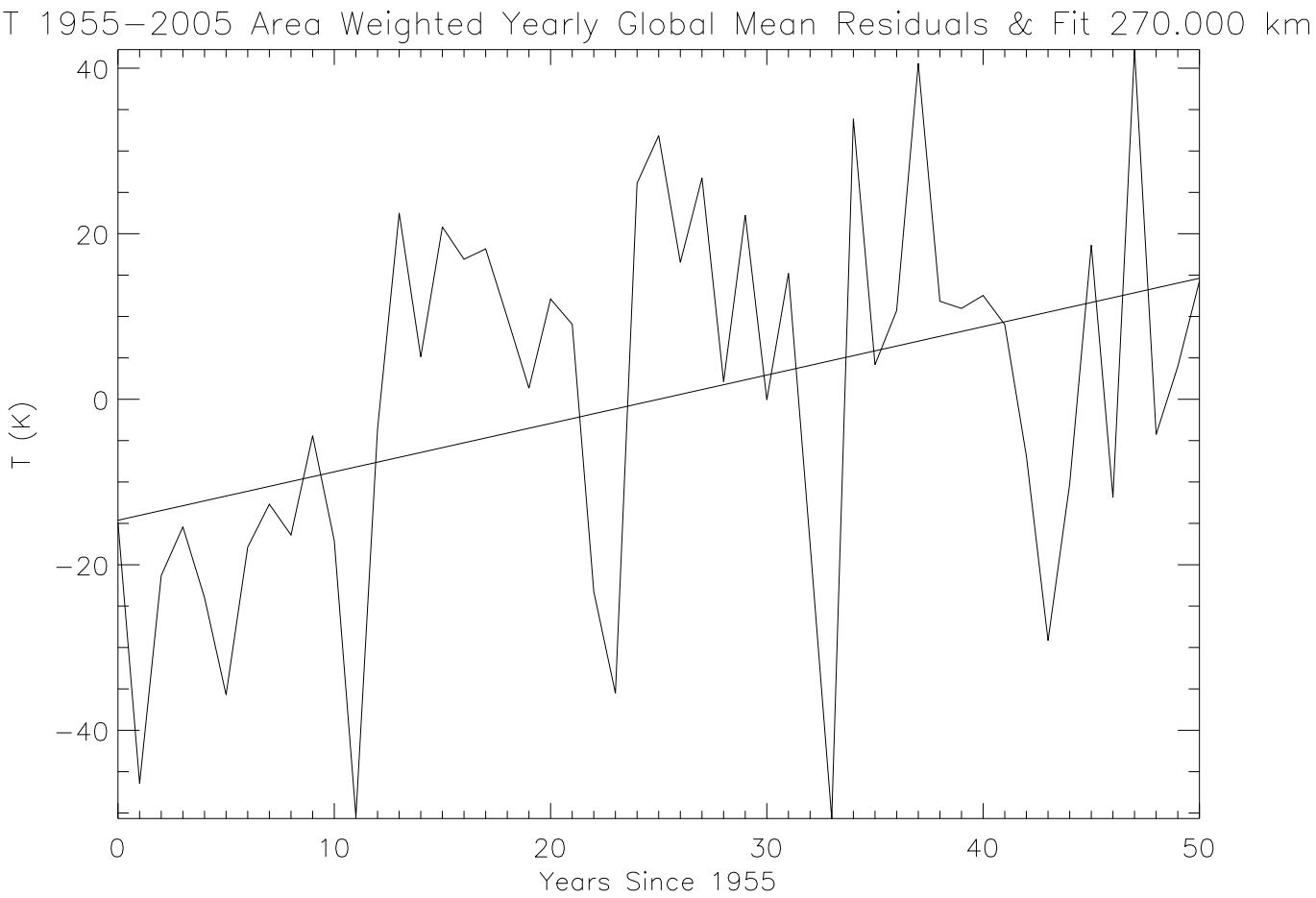

CO2 1970−2000 Area Weighted Yearly Global Mean Residuals & Fit 275.000 km
CO2 mol/mol
4×10⁻⁹
2×10⁻⁹
0
−2×10⁻⁹
−4×10⁻⁹
−6×10⁻⁹
−8×10⁻⁹
−1×10⁻⁸
0
5
10
15
20
25
30
Years Since 1970

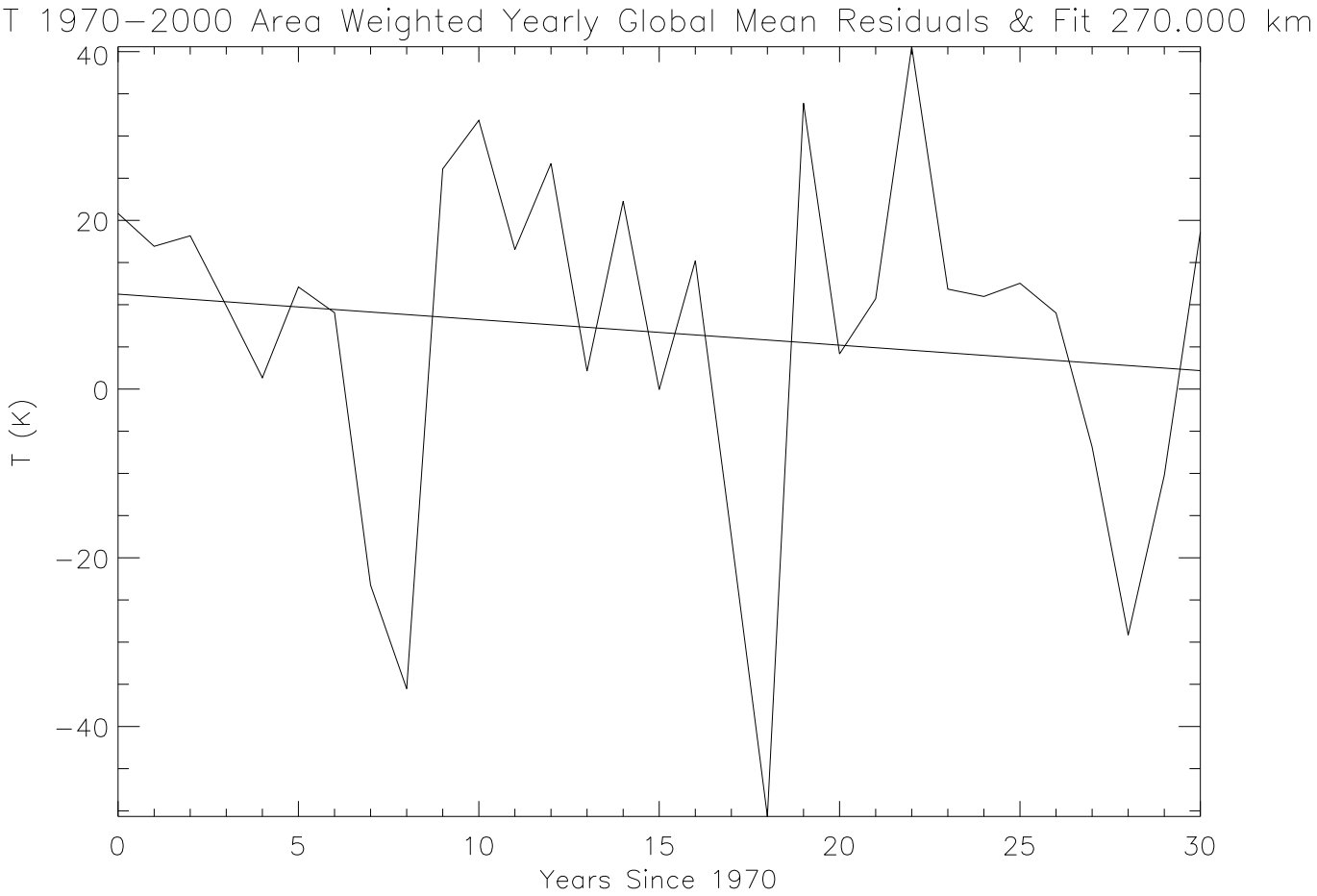

T 1955−2005 Area Weighted Yearly Global Mean Residuals & Fit 275.000 km
T (K)
40
20
0
−20
−40
0
10
20
30
40
50
Years Since 1955

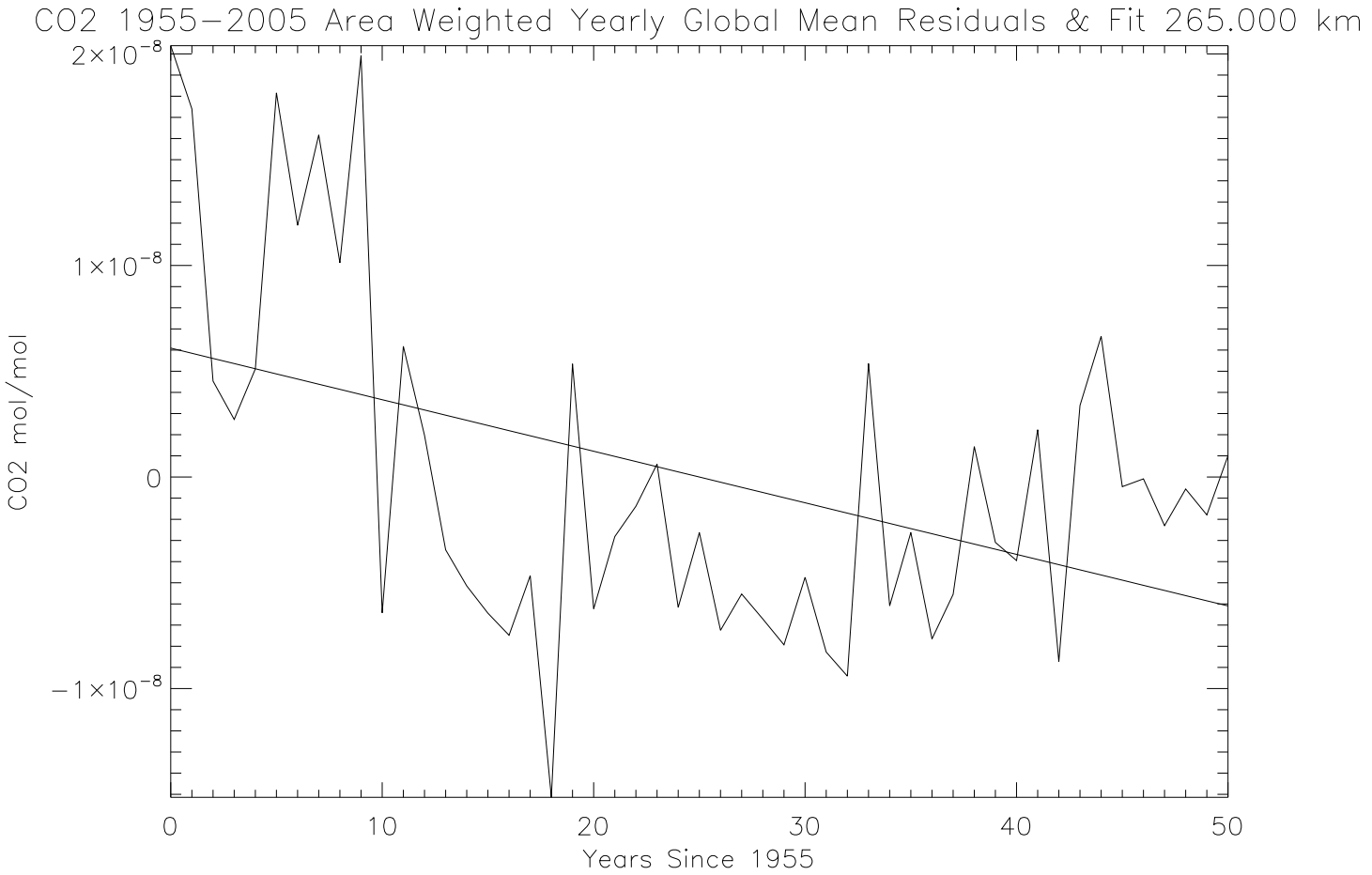

T 1970−2000 Area Weighted Yearly Global Mean Residuals & Fit 275.000 km
40
20
0
−20
−40
T (K)
0
5
10
15
20
25
30
Years Since 1970

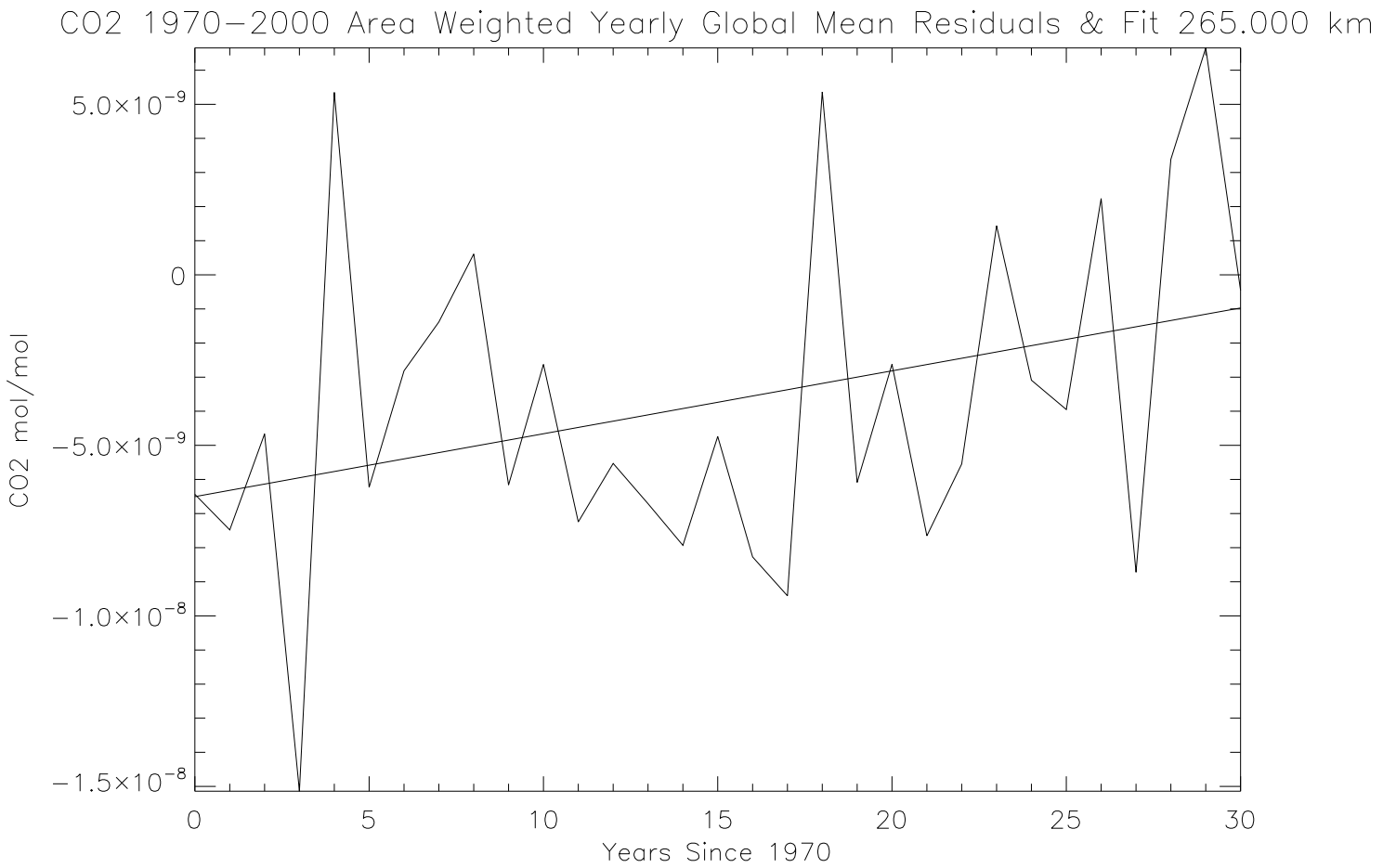

CO2 1955–2005 Area Weighted Yearly Global Mean Residuals & Fit 270.000 km
1.5×10⁻⁸
1.0×10⁻⁸
5.0×10⁻⁹
0
−5.0×10⁻⁹
−1.0×10⁻⁸
CO2 mol/mol
0
10
20
30
40
50
Years Since 1955

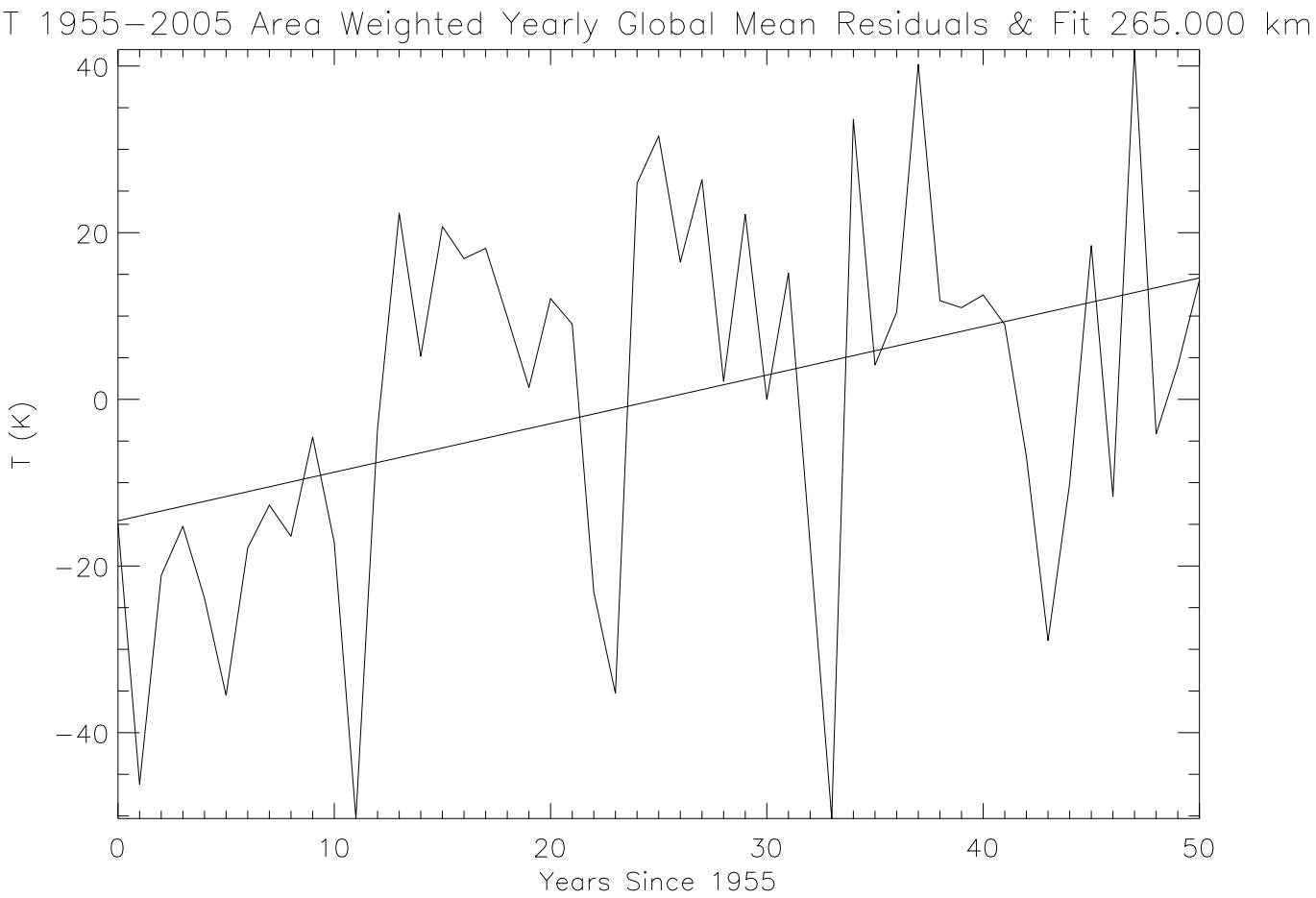

CO2 1970−2000 Area Weighted Yearly Global Mean Residuals & Fit 270.000 km
5×10⁻⁹
0
−5×10⁻⁹
−1×10⁻⁸
CO2 mol/mol
0
5
10
15
20
25
30
Years Since 1970

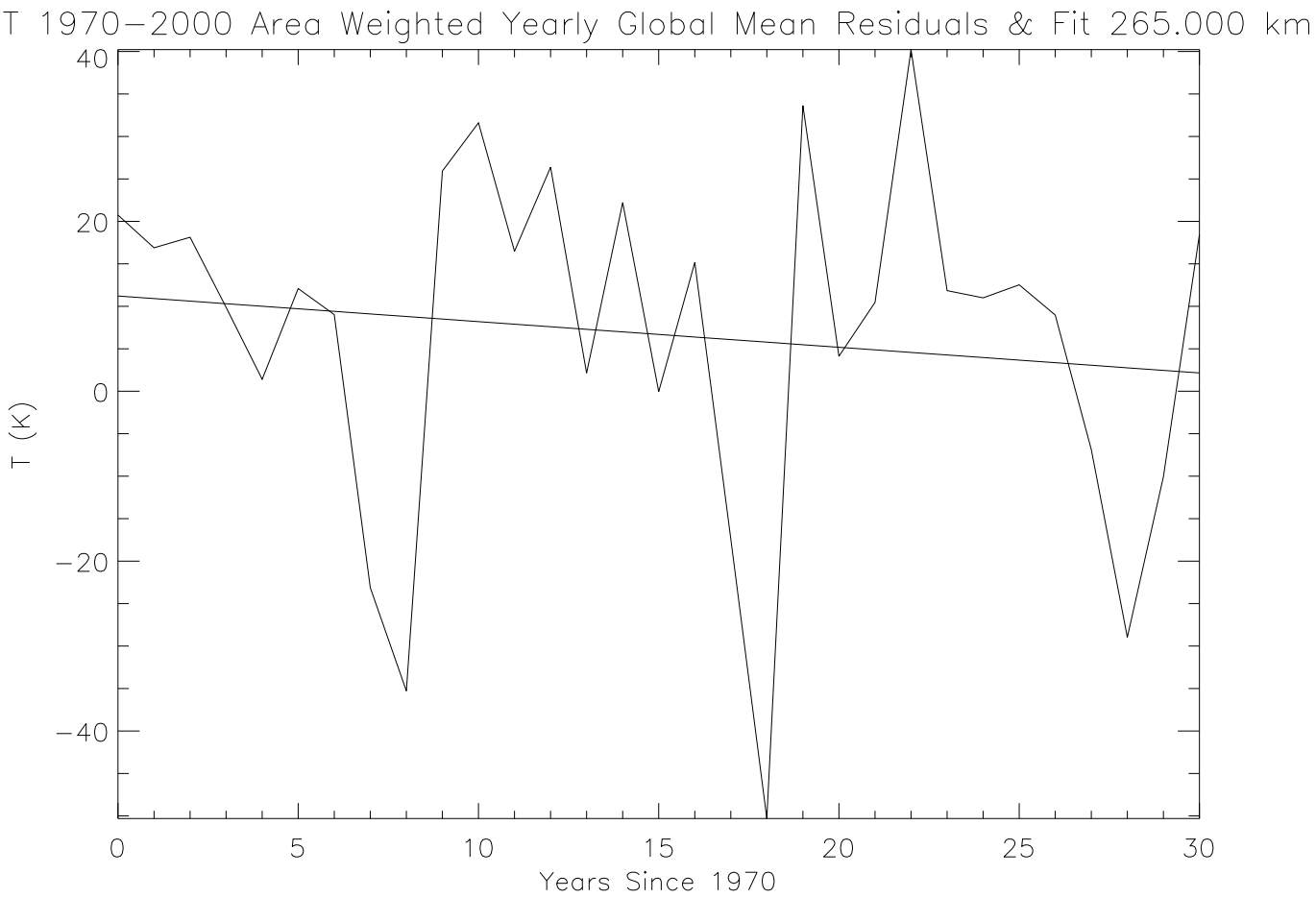

T 1955−2005 Area Weighted Yearly Global Mean Residuals & Fit 270.000 km
T (K)
40
20
0
−20
−40
0
10
20
30
40
50
Years Since 1955

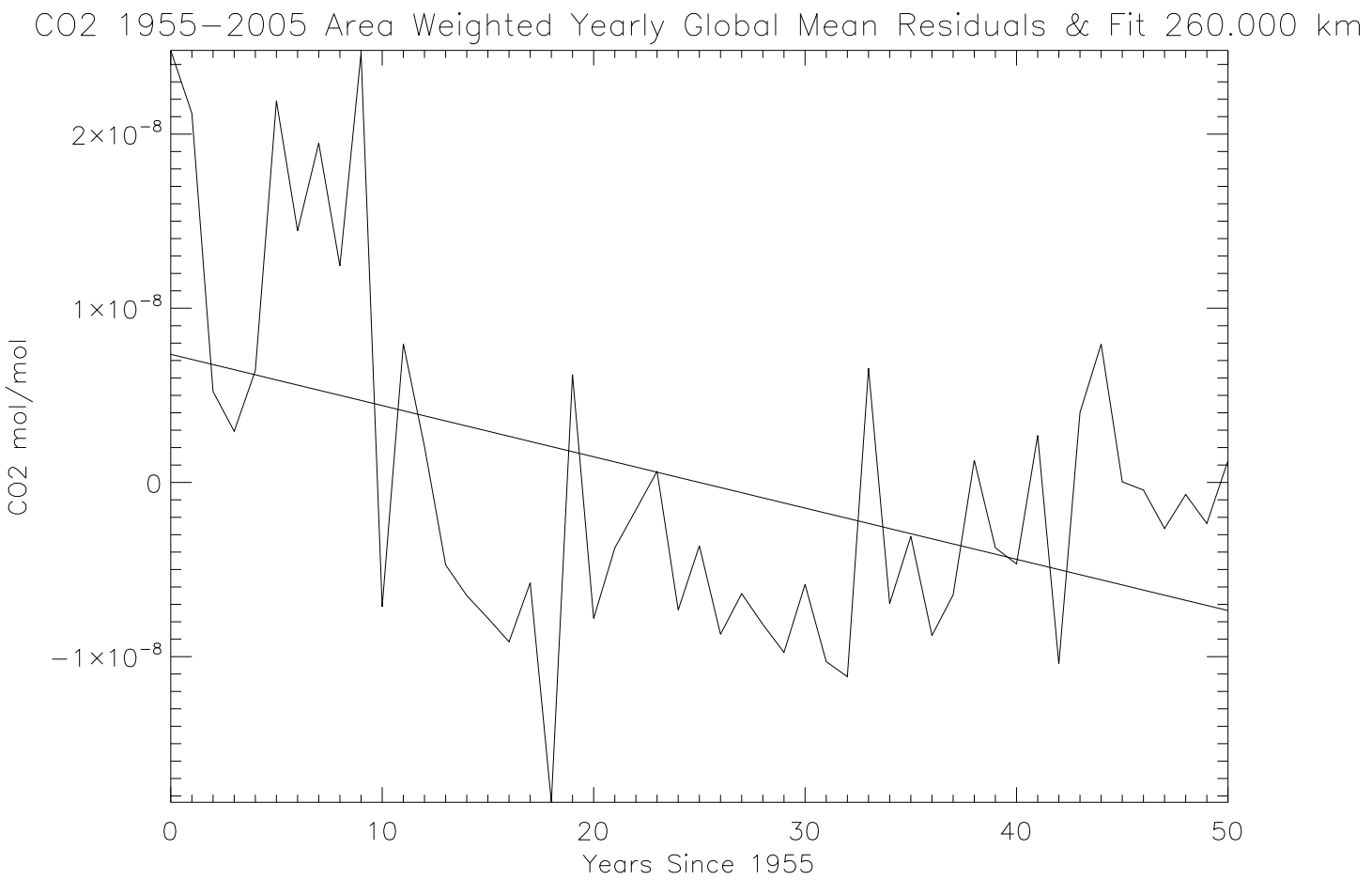

T 1970−2000 Area Weighted Yearly Global Mean Residuals & Fit 270.000 km
40
20
0
−20
−40
T (K)
0
5
10
15
20
25
30
Years Since 1970

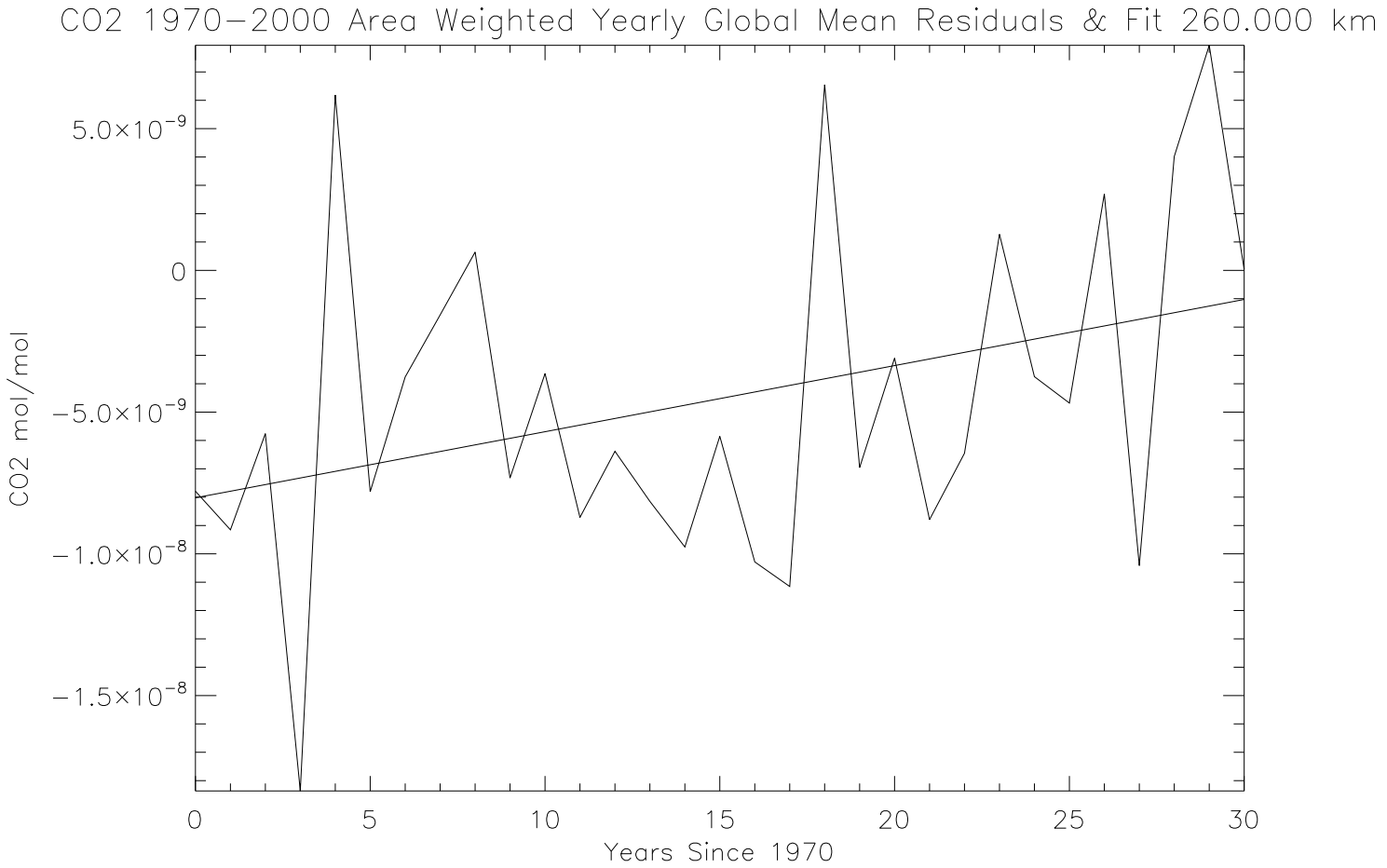

CO2 1955–2005 Area Weighted Yearly Global Mean Residuals & Fit 265.000 km
2×10^-8
1×10^-8
0
−1×10^-8
CO2 mol/mol
0
10
20
30
40
50
Years Since 1955

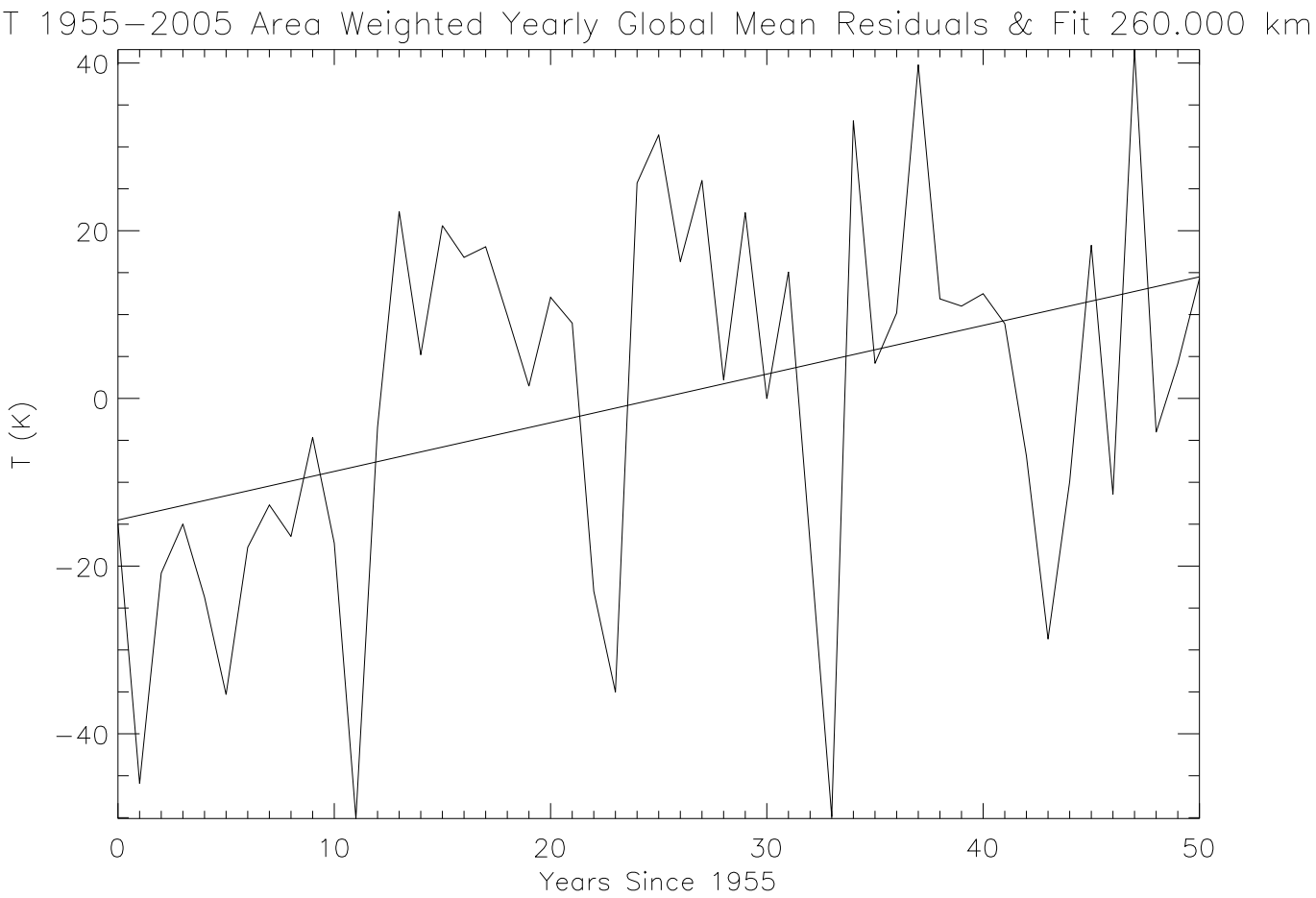

CO2 1970−2000 Area Weighted Yearly Global Mean Residuals & Fit 265.000 km
5.0×10⁻⁹
0
−5.0×10⁻⁹
−1.0×10⁻⁸
−1.5×10⁻⁸
CO2 mol/mol
0
5
10
15
20
25
30
Years Since 1970

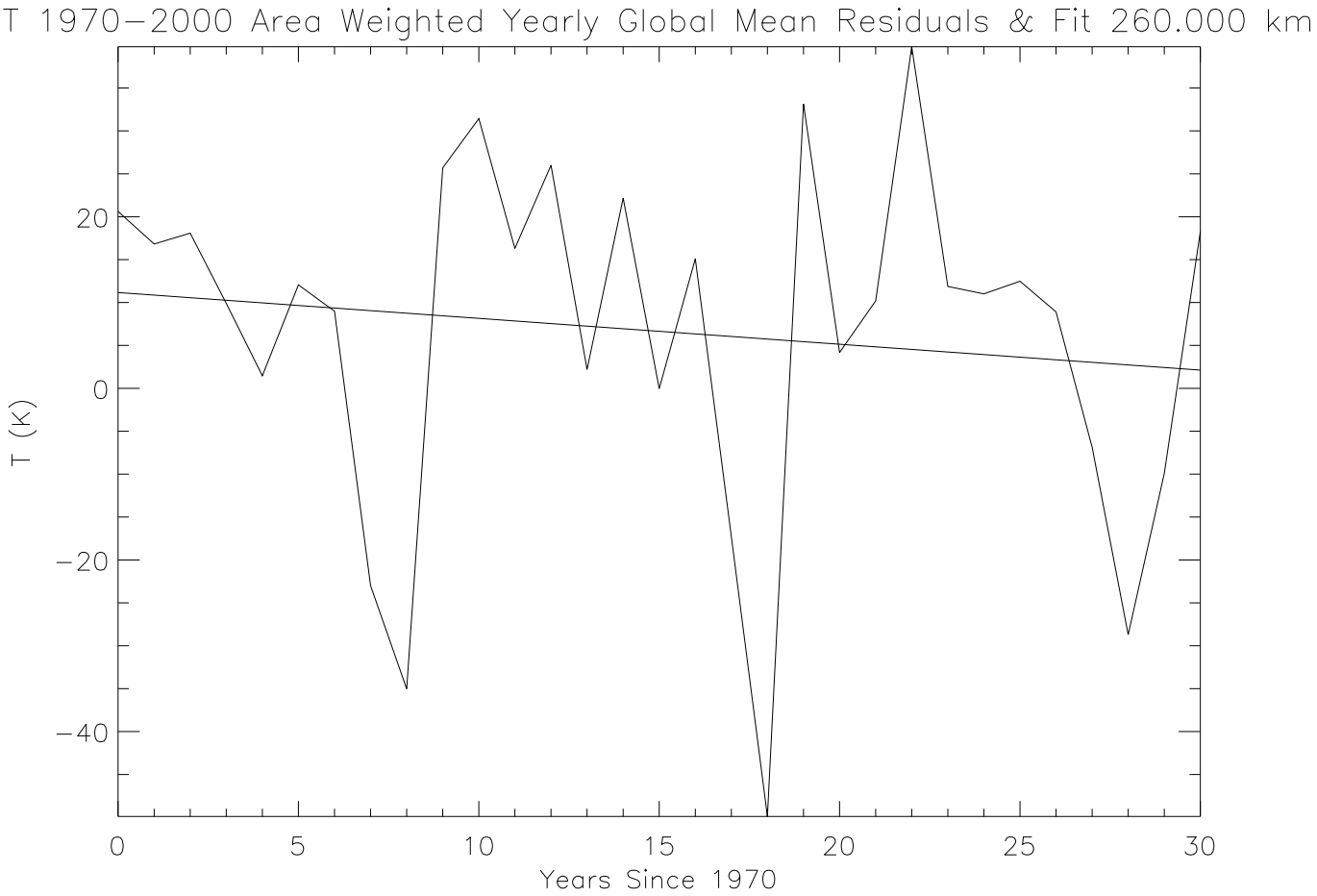

T 1955−2005 Area Weighted Yearly Global Mean Residuals & Fit 265.000 km
T (K)
40
20
0
−20
−40
0
10
20
30
40
50
Years Since 1955

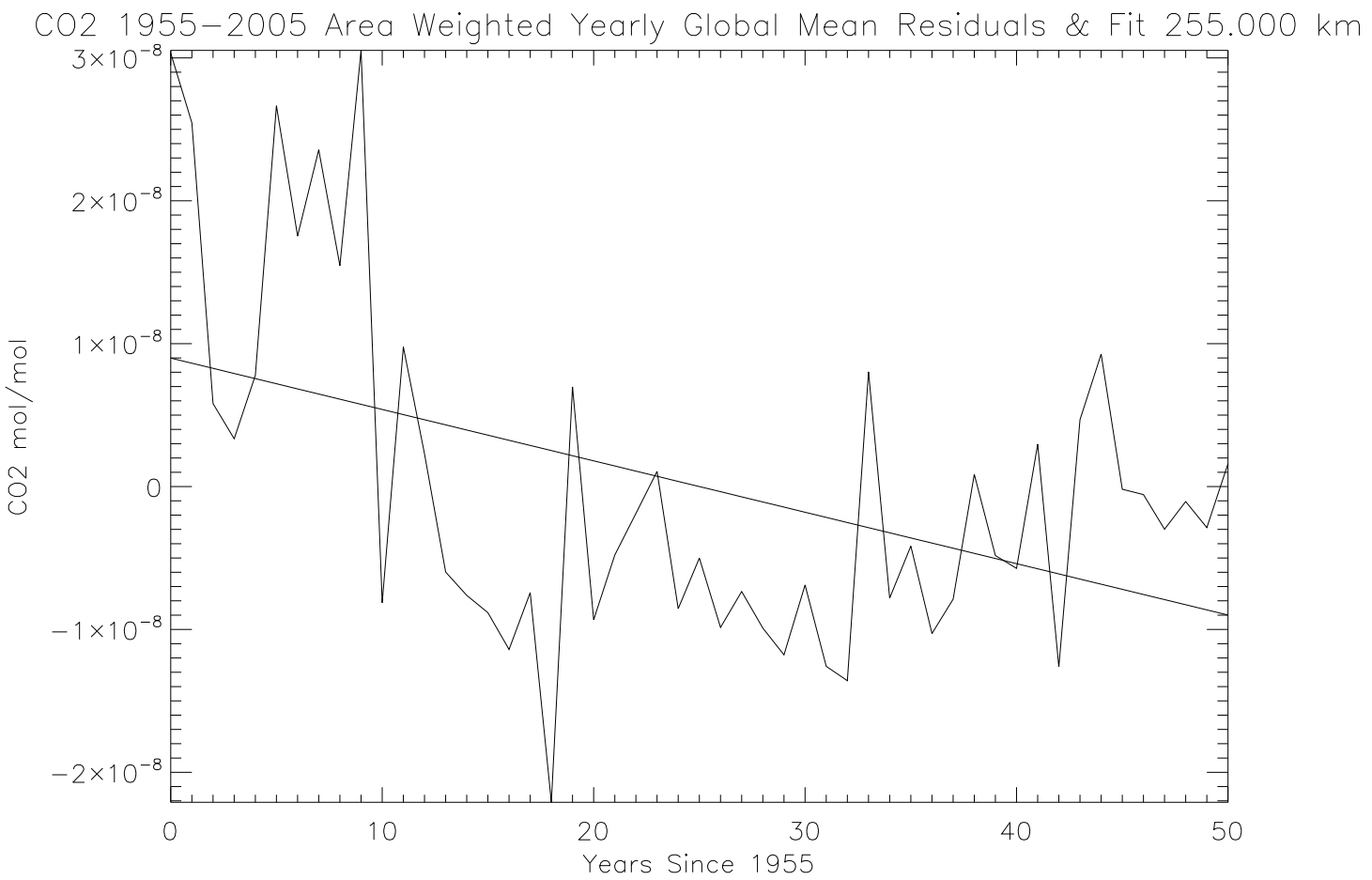

T 1970−2000 Area Weighted Yearly Global Mean Residuals & Fit 265.000 km
40
20
0
−20
−40
T (K)
0
5
10
15
20
25
30
Years Since 1970

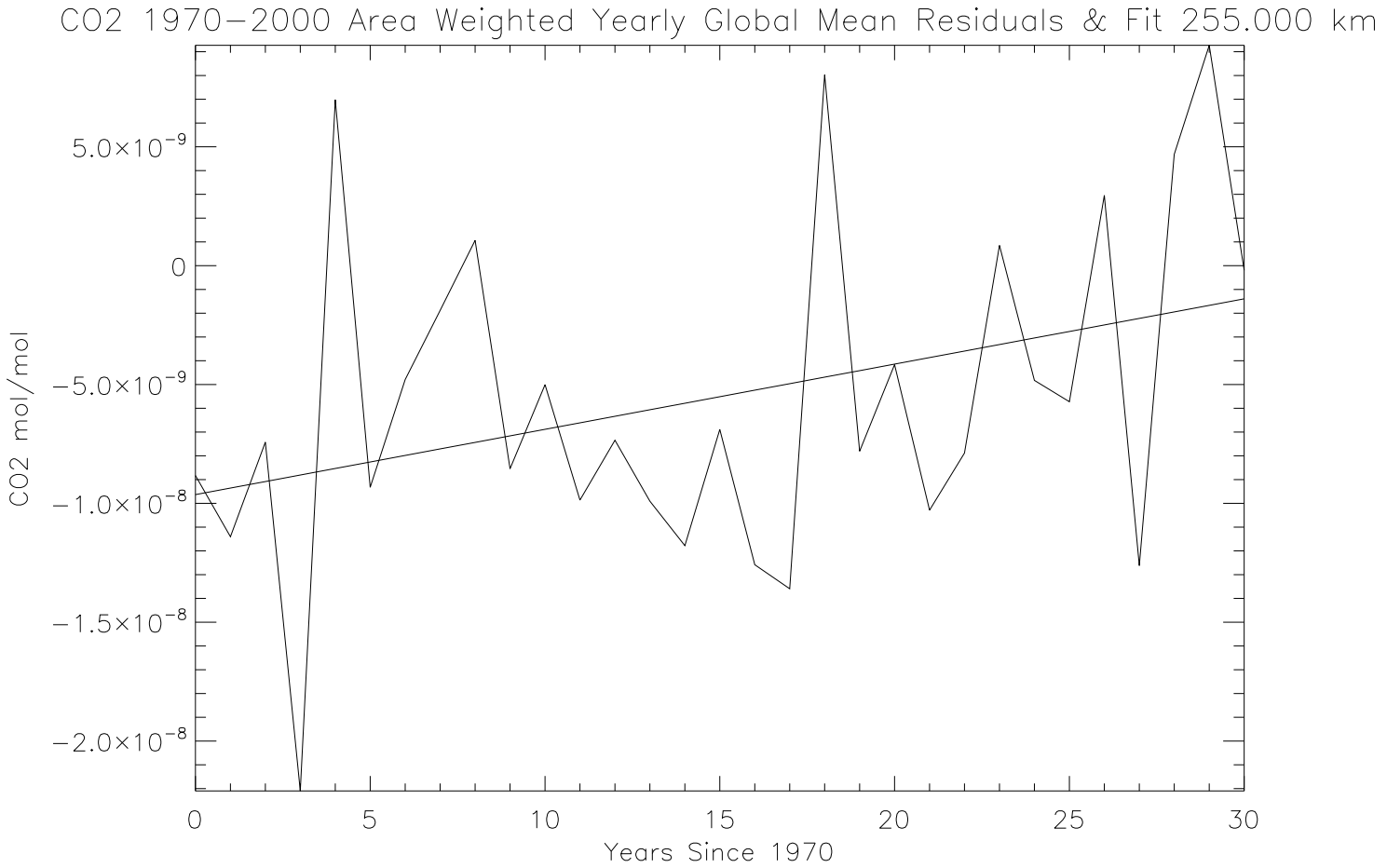

CO2 1955–2005 Area Weighted Yearly Global Mean Residuals & Fit 260.000 km
2×10⁻⁸
1×10⁻⁸
0
−1×10⁻⁸
CO2 mol/mol
0
10
20
30
40
50
Years Since 1955

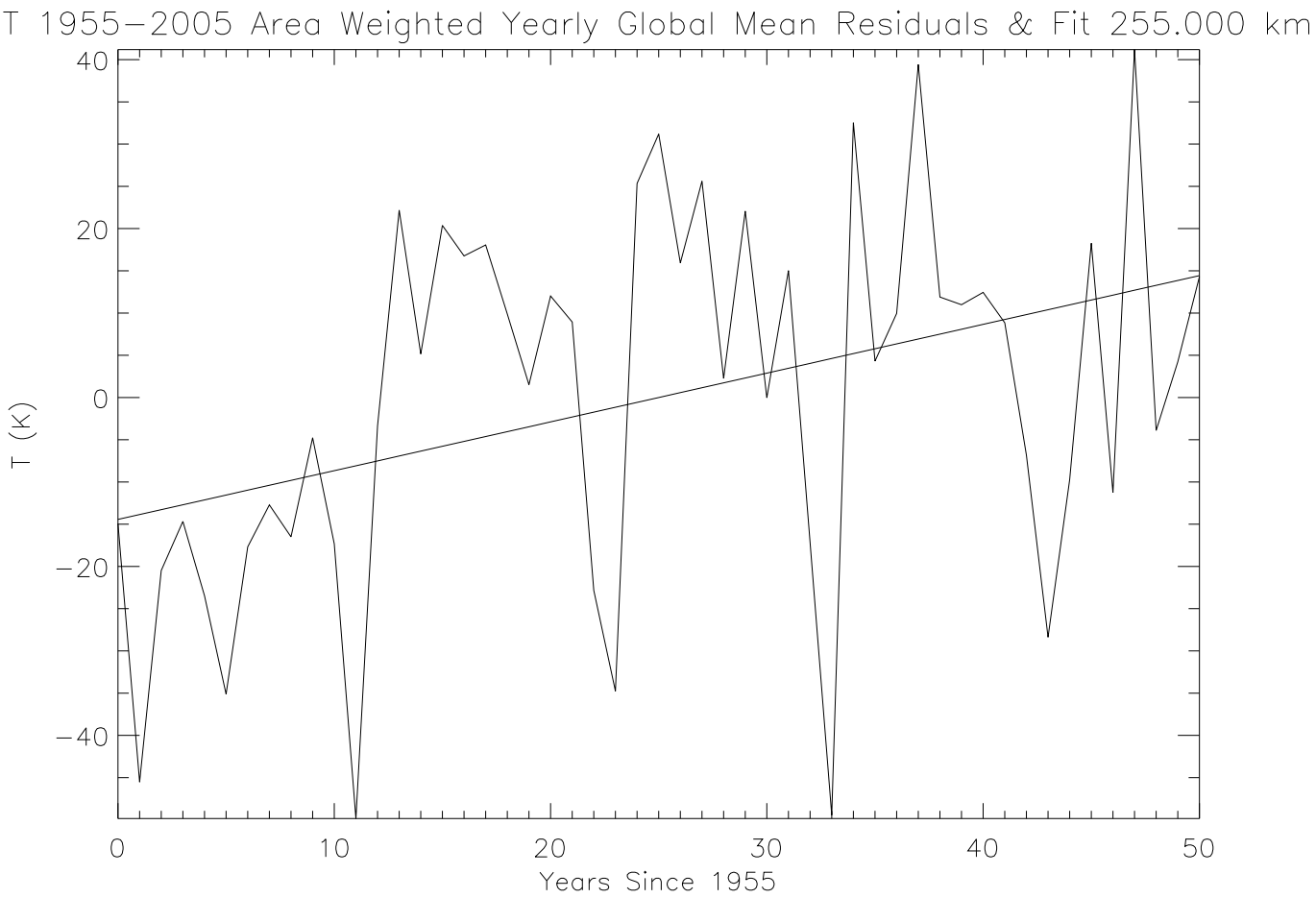

CO2 1970–2000 Area Weighted Yearly Global Mean Residuals & Fit 260.000 km
5.0×10⁻⁹
0
−5.0×10⁻⁹
−1.0×10⁻⁸
−1.5×10⁻⁸
CO2 mol/mol
0
5
10
15
20
25
30
Years Since 1970

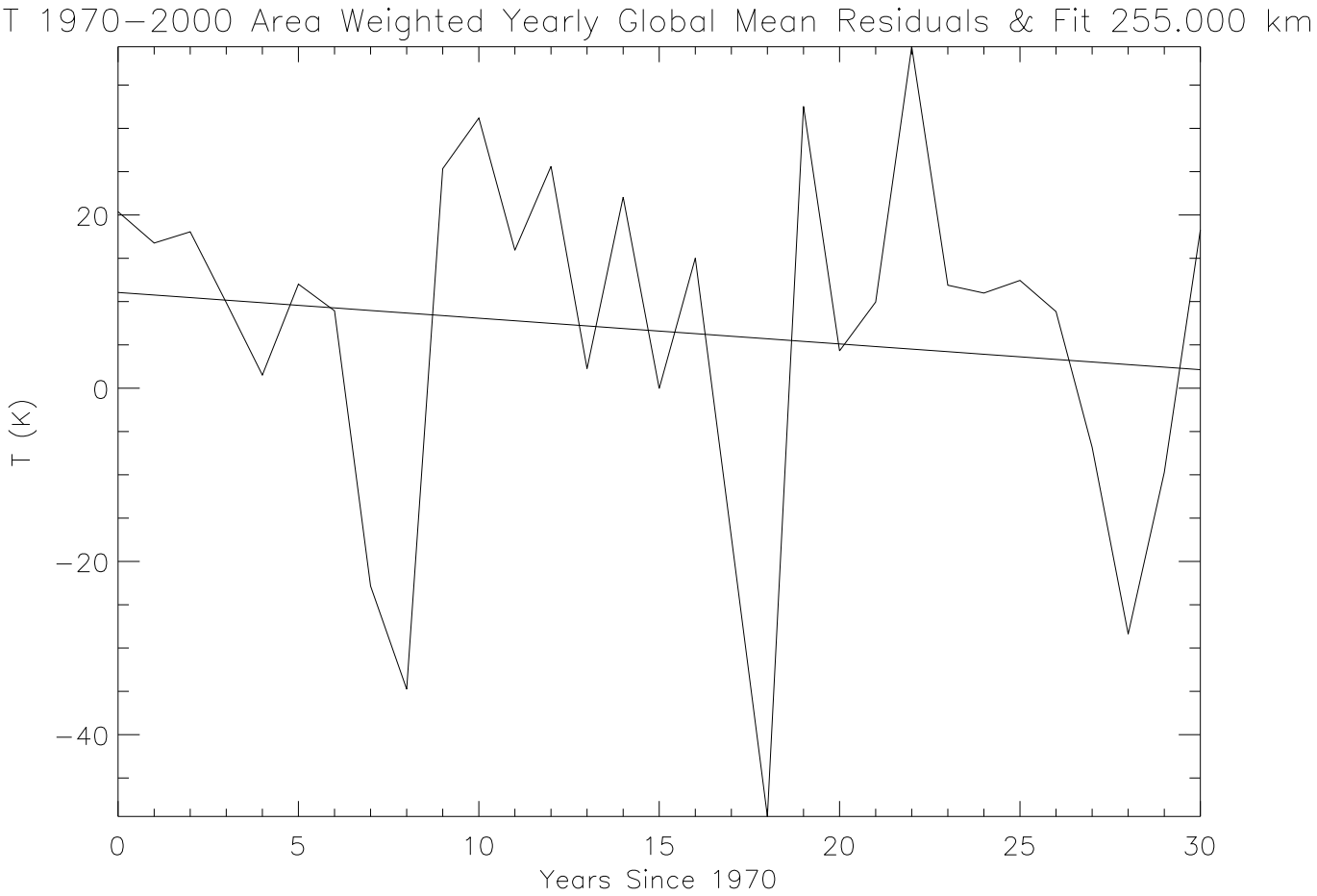

T 1955−2005 Area Weighted Yearly Global Mean Residuals & Fit 260.000 km
T (K)
40
20
0
−20
−40
0
10
20
30
40
50
Years Since 1955

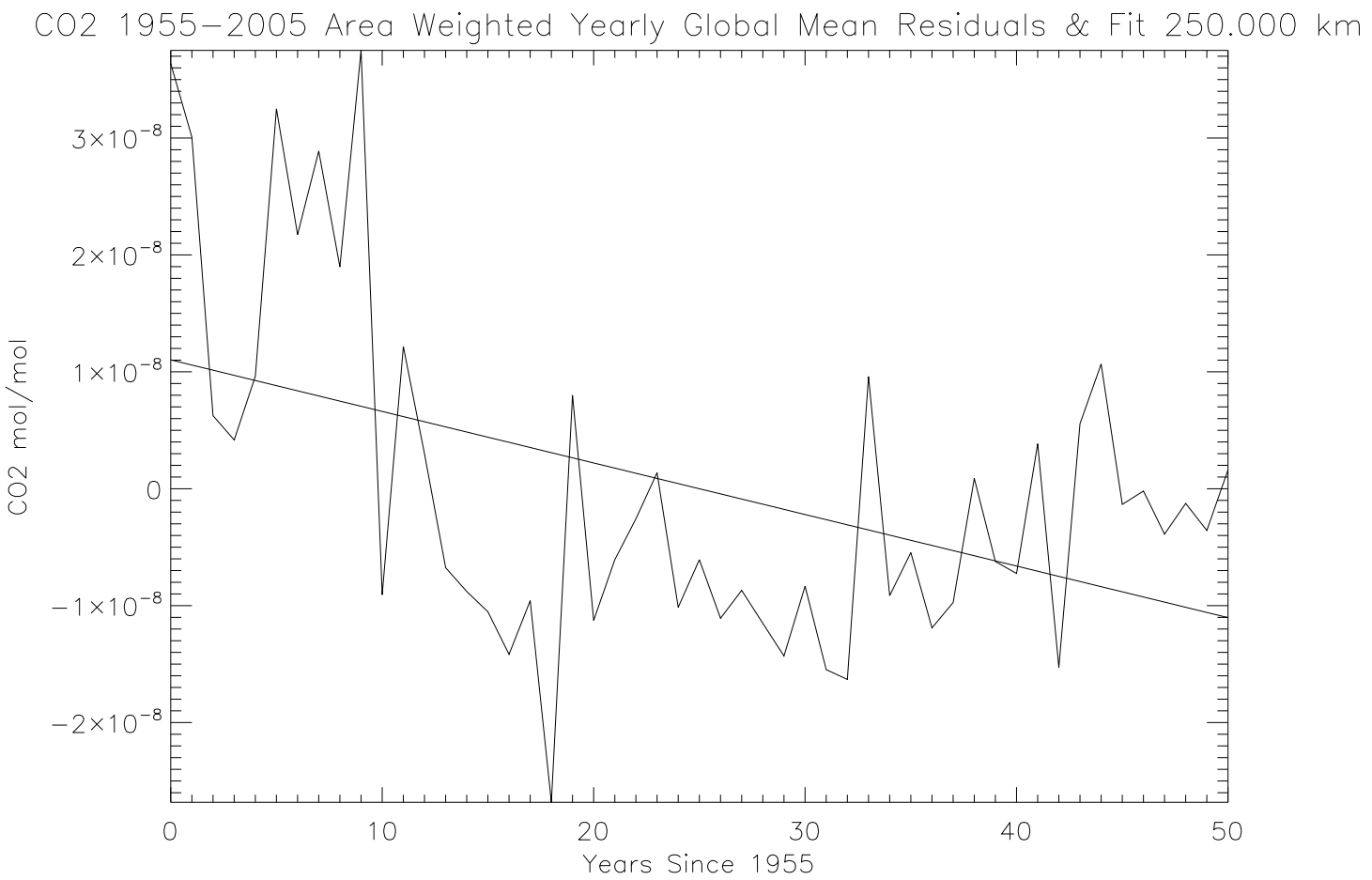

T 1970−2000 Area Weighted Yearly Global Mean Residuals & Fit 260.000 km
T (K)
20
0
−20
−40
0
5
10
15
20
25
30
Years Since 1970

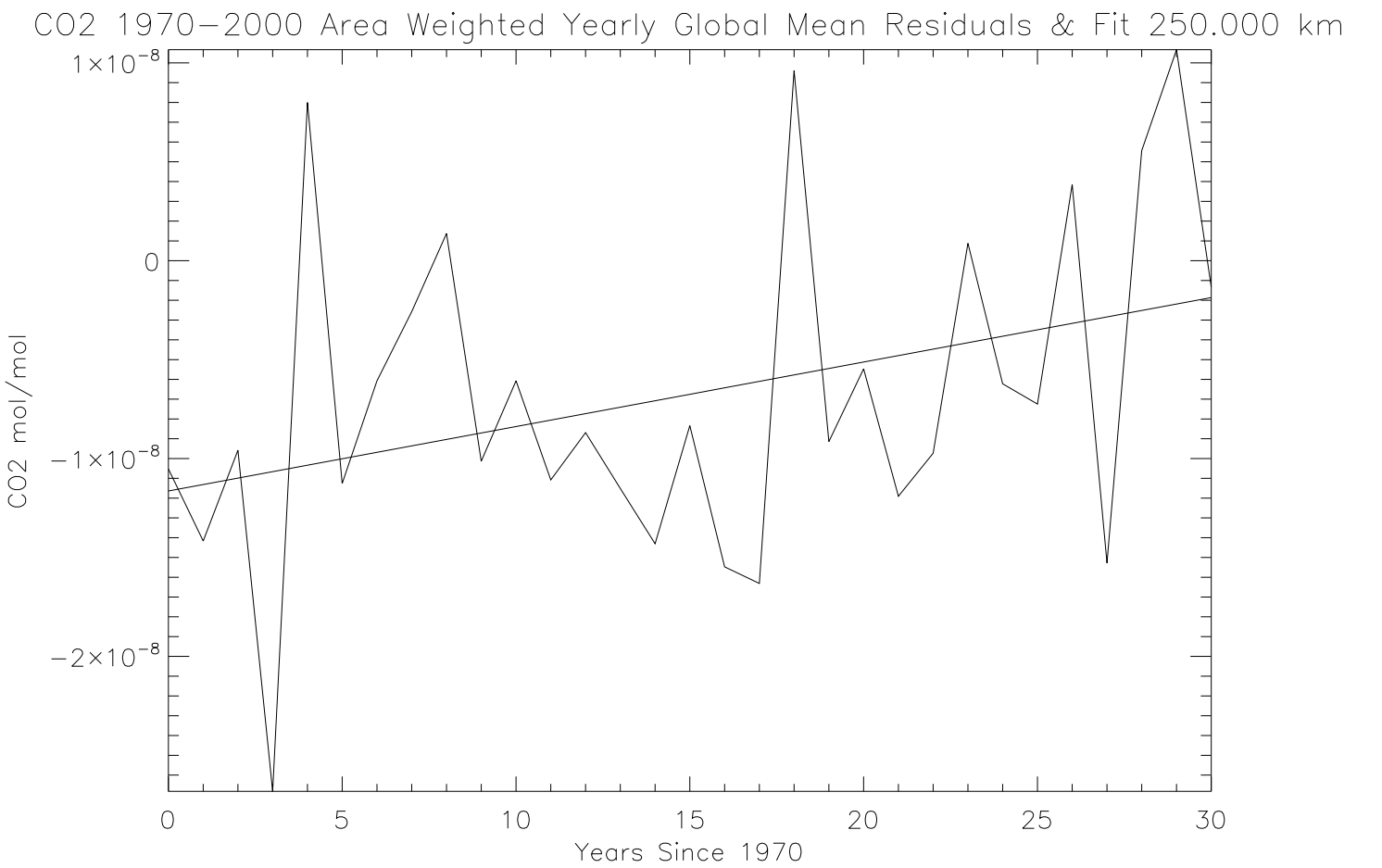

CO2 1955–2005 Area Weighted Yearly Global Mean Residuals & Fit 255.000 km
3×10⁻⁸
2×10⁻⁸
1×10⁻⁸
0
−1×10⁻⁸
−2×10⁻⁸
CO2 mol/mol
0
10
20
30
40
50
Years Since 1955

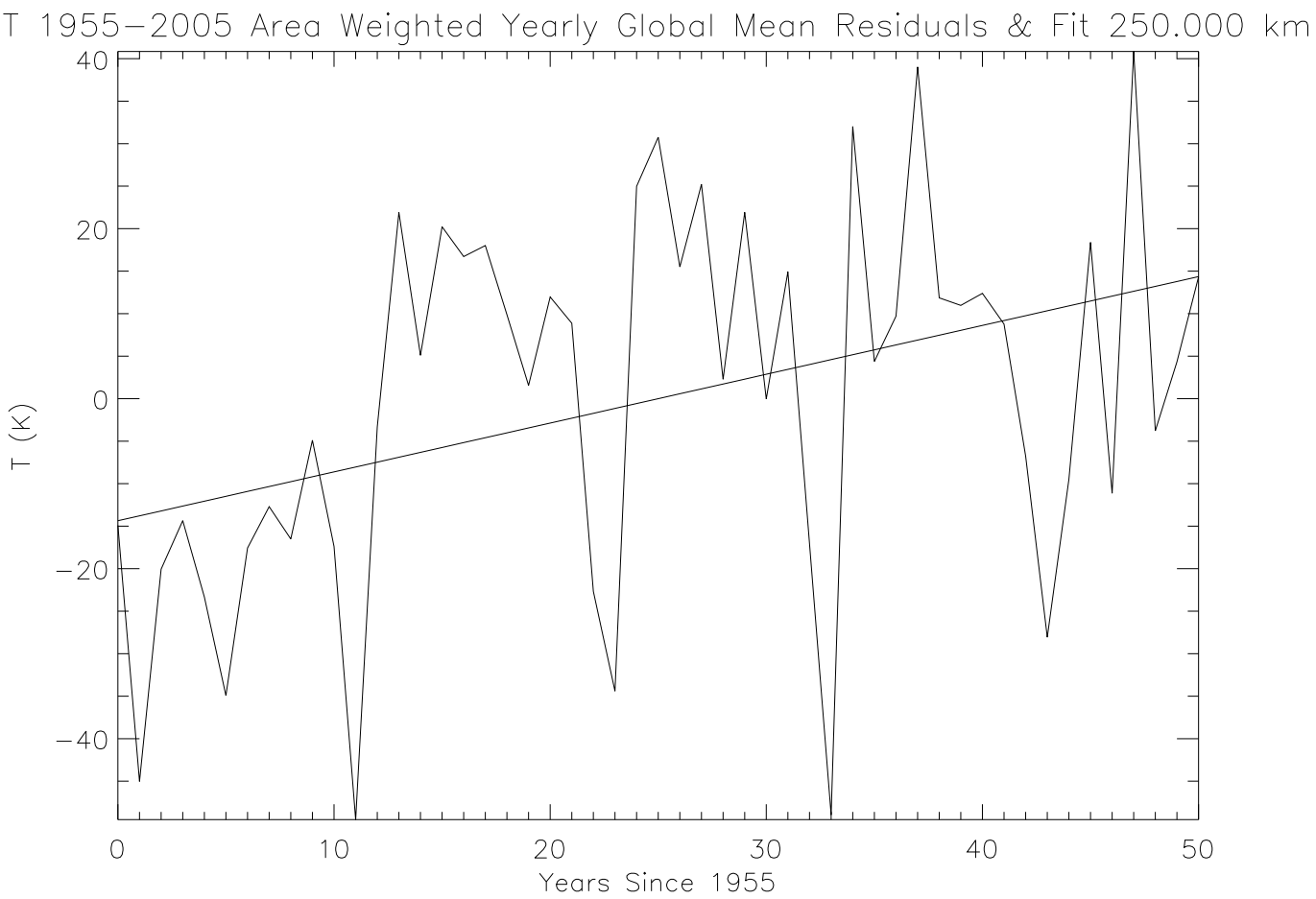

CO2 1970–2000 Area Weighted Yearly Global Mean Residuals & Fit 255.000 km
5.0×10⁻⁹
0
−5.0×10⁻⁹
−1.0×10⁻⁸
−1.5×10⁻⁸
−2.0×10⁻⁸
CO2 mol/mol
0
5
10
15
20
25
30
Years Since 1970

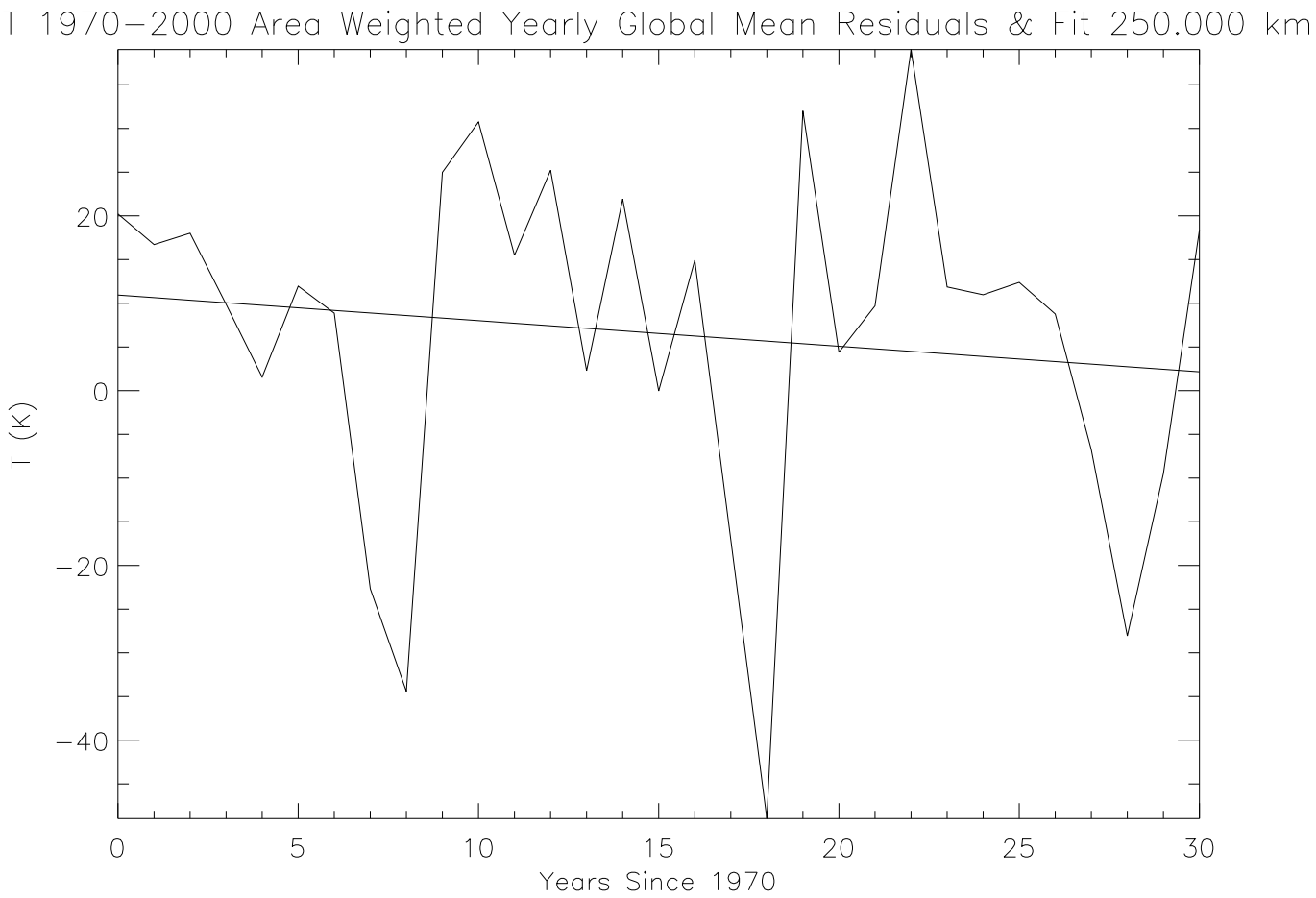

T 1955−2005 Area Weighted Yearly Global Mean Residuals & Fit 255.000 km
T (K)
40
20
0
−20
−40
0
10
20
30
40
50
Years Since 1955

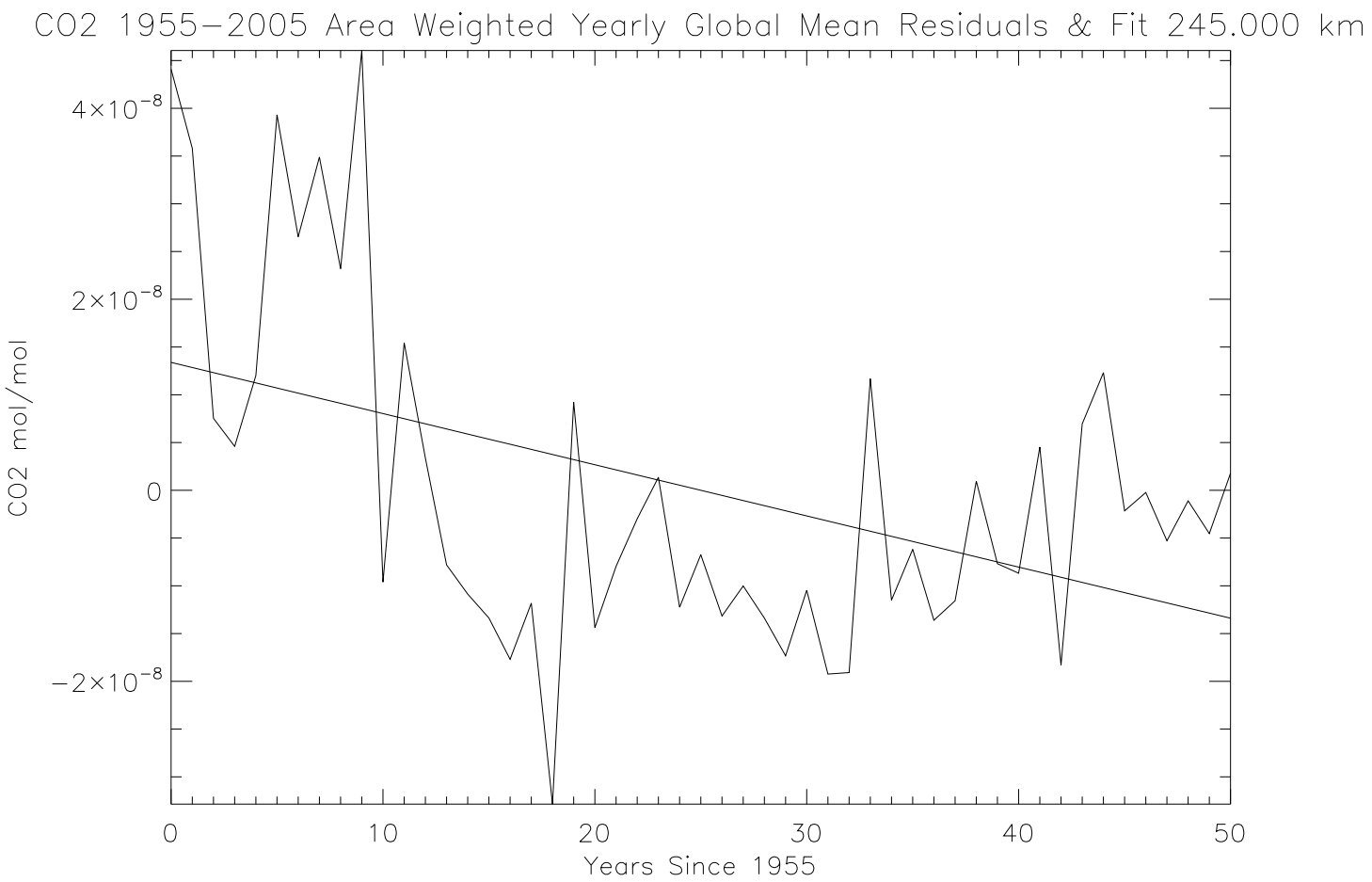

T 1970−2000 Area Weighted Yearly Global Mean Residuals & Fit 255.000 km
T (K)
20
0
−20
−40
0
5
10
15
20
25
30
Years Since 1970

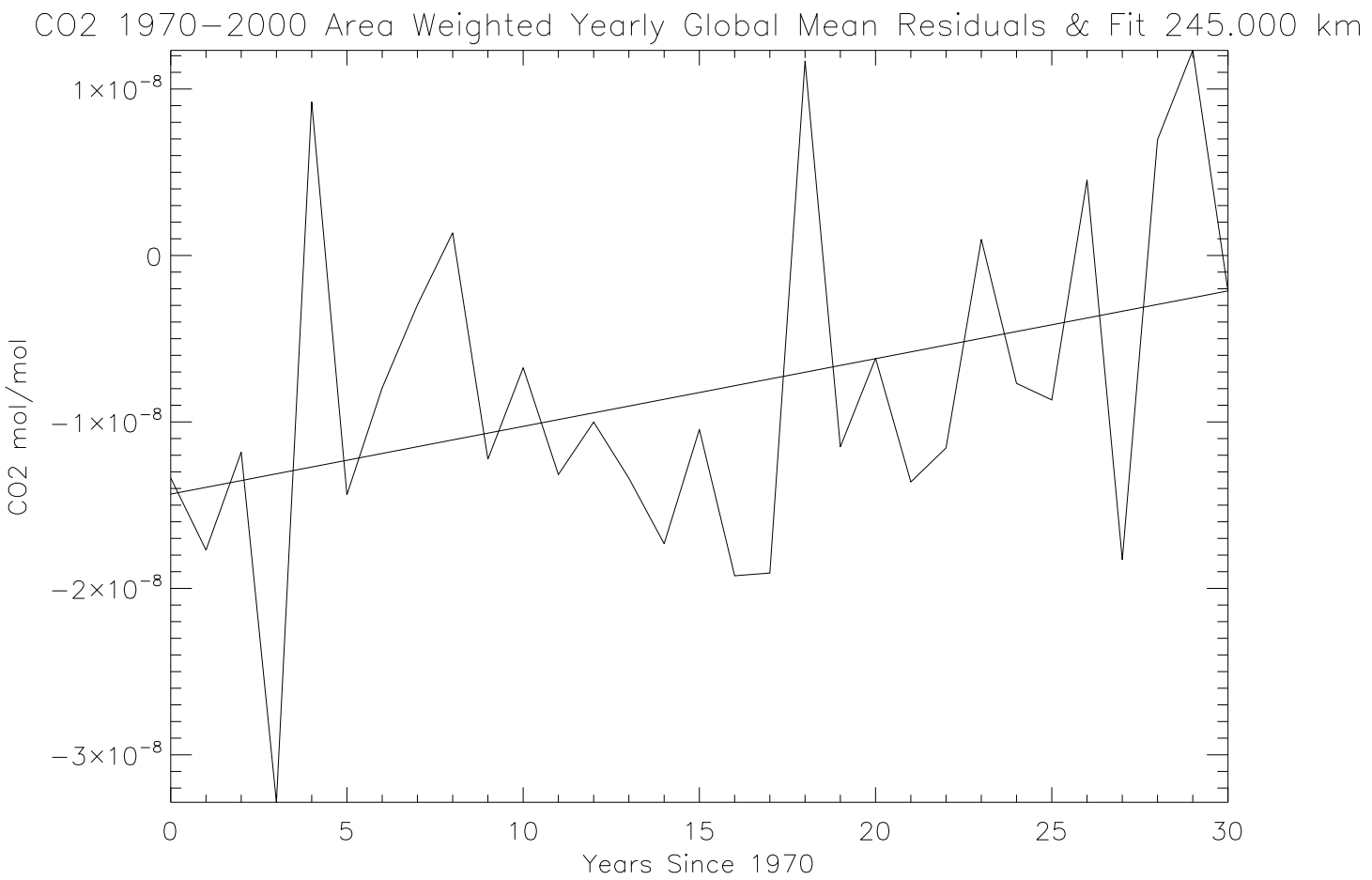

CO2 1955–2005 Area Weighted Yearly Global Mean Residuals & Fit 250.000 km
CO2 mol/mol
3×10⁻⁸
2×10⁻⁸
1×10⁻⁸
0
−1×10⁻⁸
−2×10⁻⁸
0
10
20
30
40
50
Years Since 1955

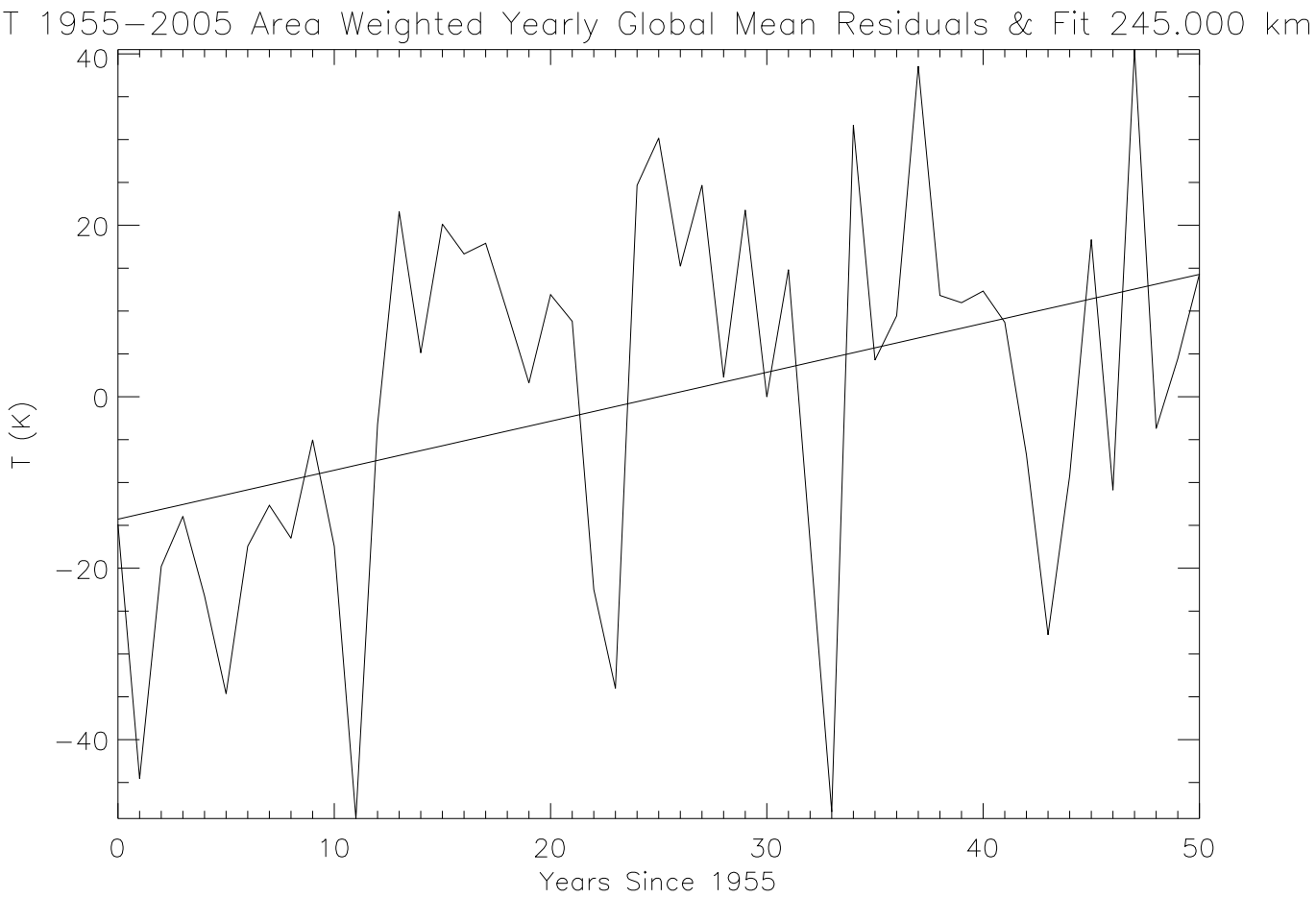

CO2 1970−2000 Area Weighted Yearly Global Mean Residuals & Fit 250.000 km
1×10−8
0
−1×10−8
−2×10−8
CO2 mol/mol
0
5
10
15
20
25
30
Years Since 1970

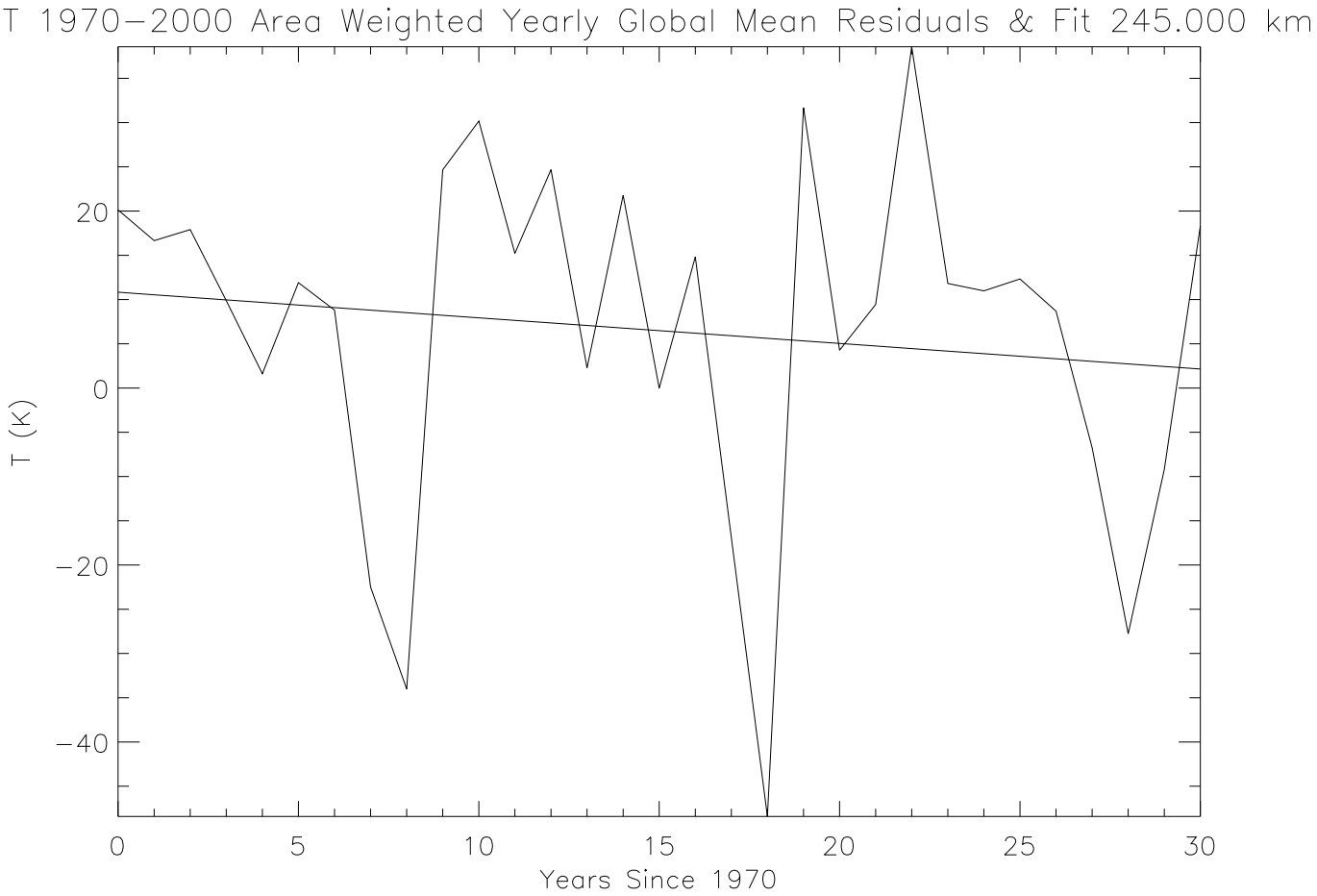

T 1955−2005 Area Weighted Yearly Global Mean Residuals & Fit 250.000 km
T (K)
40
20
0
−20
−40
0
10
20
30
40
50
Years Since 1955

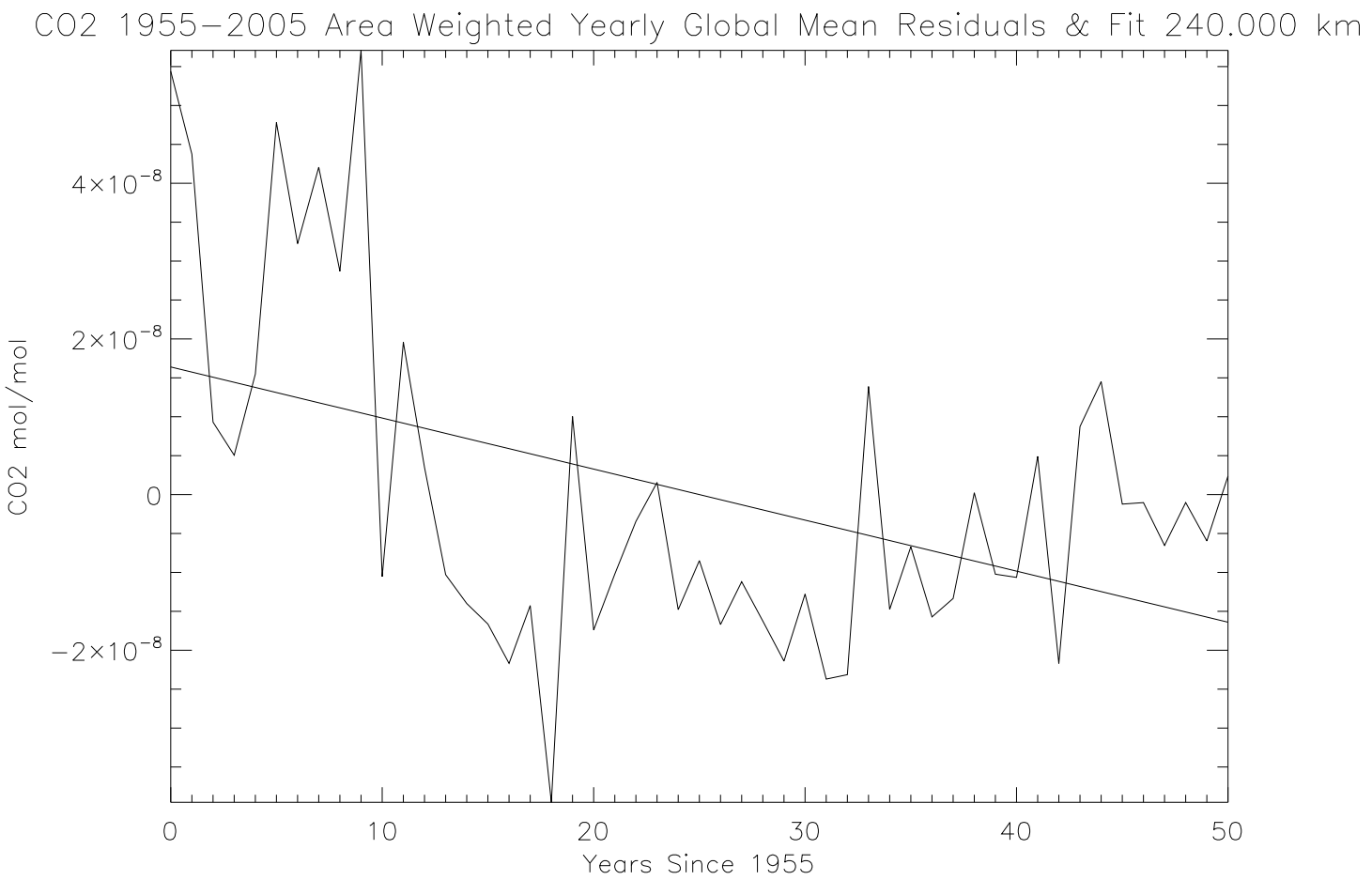

T 1970−2000 Area Weighted Yearly Global Mean Residuals & Fit 250.000 km
20
0
−20
−40
T (K)
0
5
10
15
20
25
30
Years Since 1970

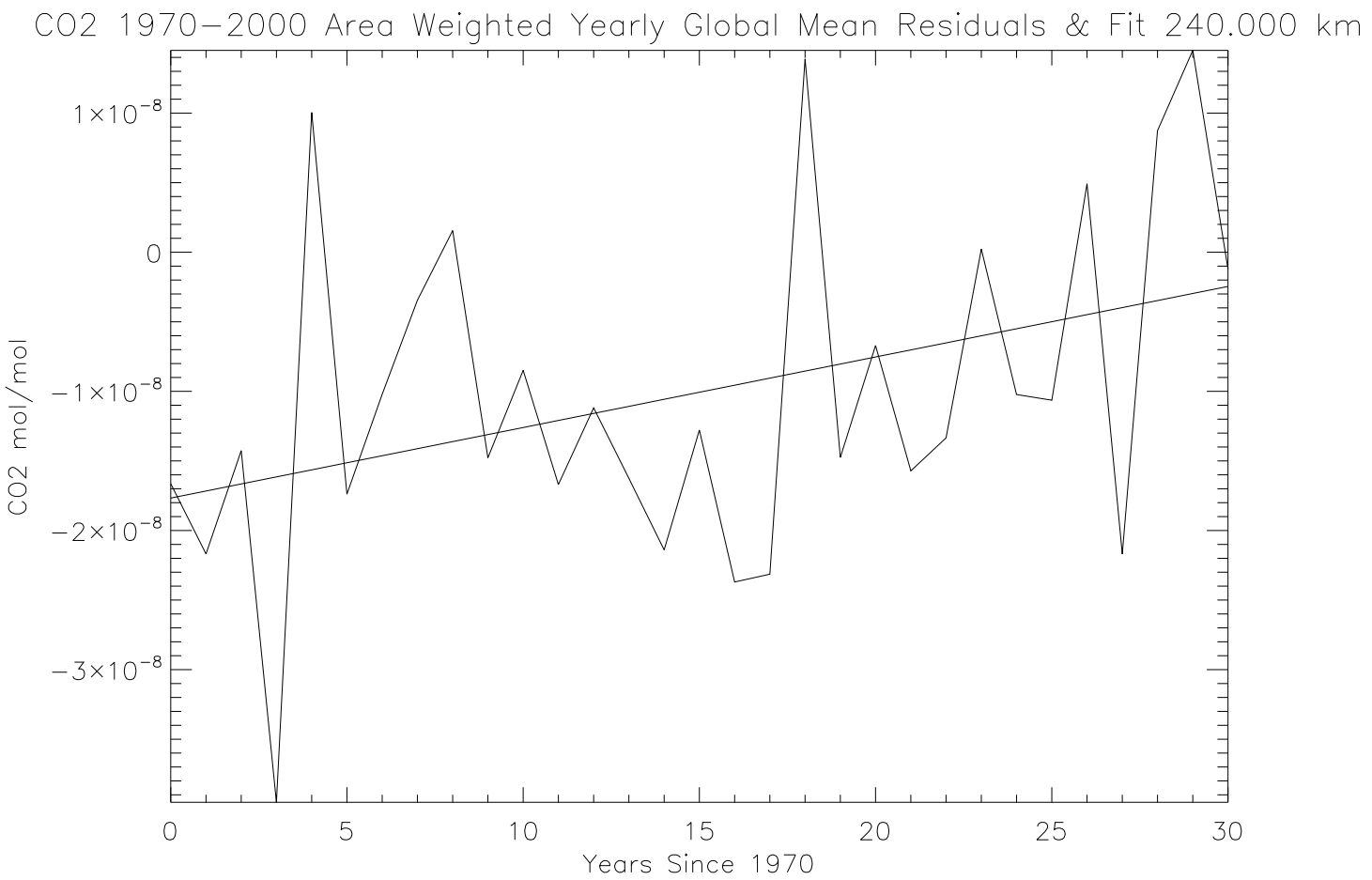

CO2 1955–2005 Area Weighted Yearly Global Mean Residuals & Fit 245.000 km
4×10⁻⁸
2×10⁻⁸
0
−2×10⁻⁸
CO2 mol/mol
0
10
20
30
40
50
Years Since 1955

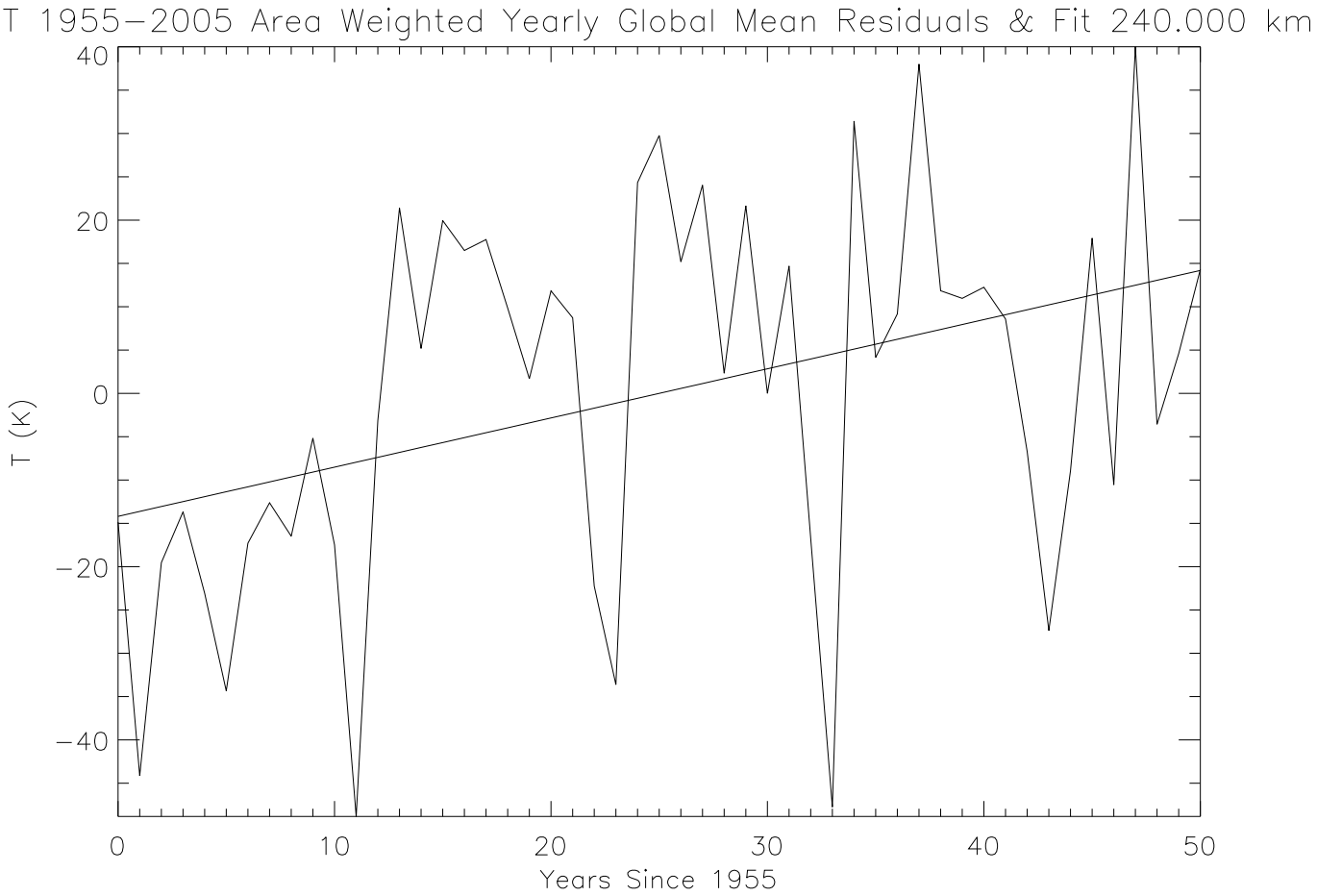

CO2 1970−2000 Area Weighted Yearly Global Mean Residuals & Fit 245.000 km
1×10−8
0
−1×10−8
−2×10−8
−3×10−8
CO2 mol/mol
0
5
10
15
20
25
30
Years Since 1970

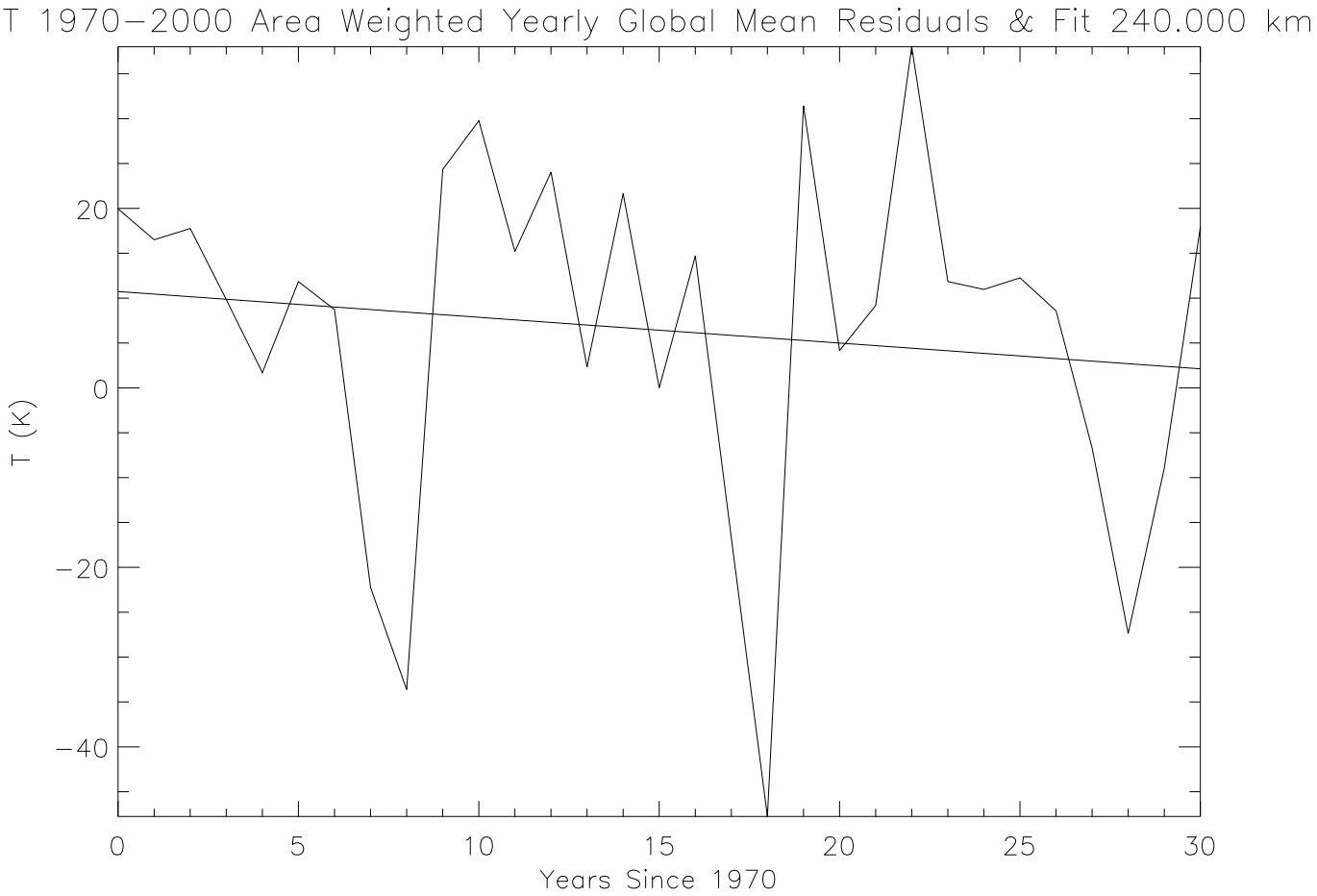

T 1955−2005 Area Weighted Yearly Global Mean Residuals & Fit 245.000 km
T (K)
40
20
0
−20
−40
0
10
20
30
40
50
Years Since 1955

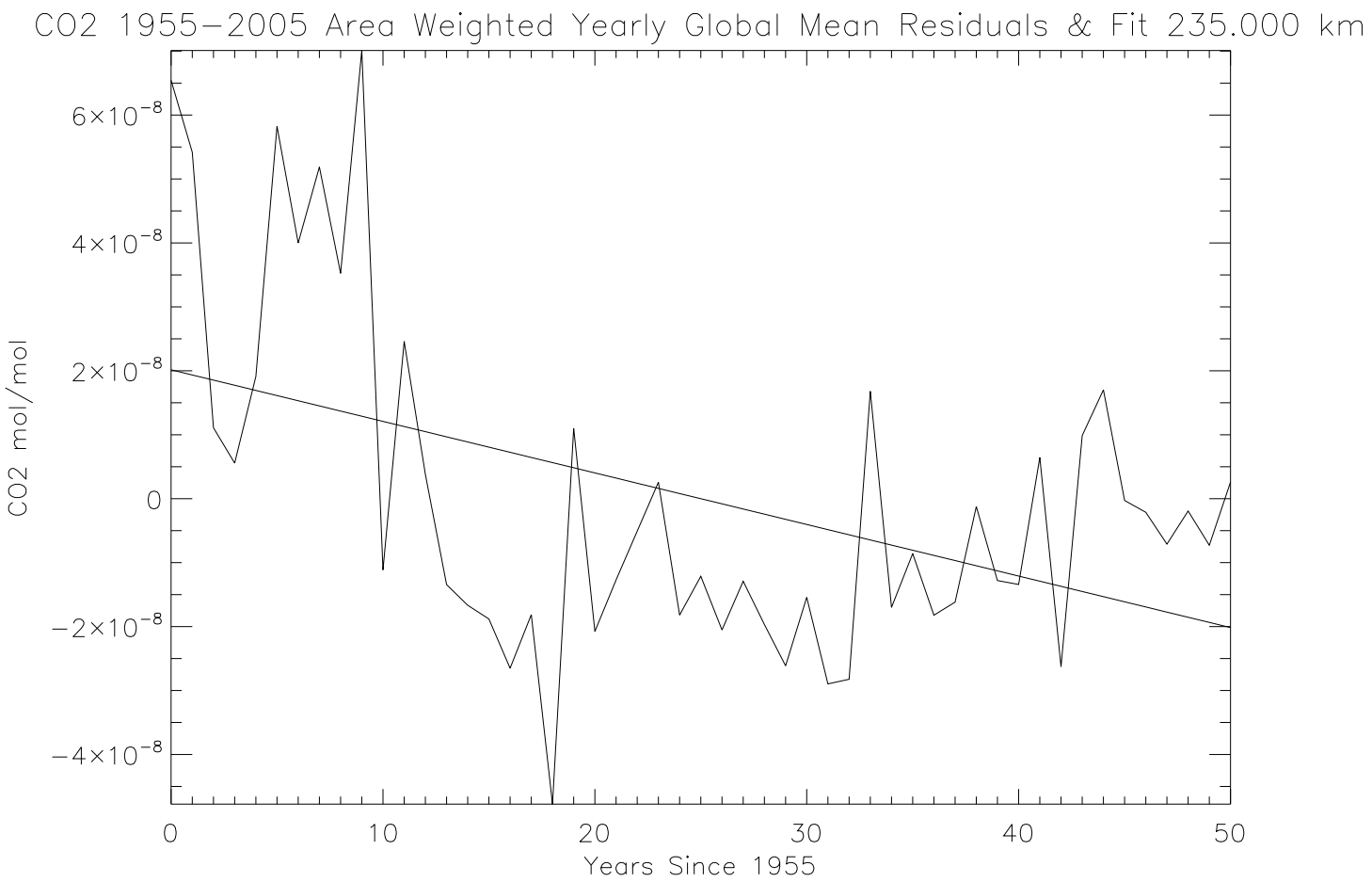

T 1970−2000 Area Weighted Yearly Global Mean Residuals & Fit 245.000 km
T (K)
20
0
−20
−40
0
5
10
15
20
25
30
Years Since 1970

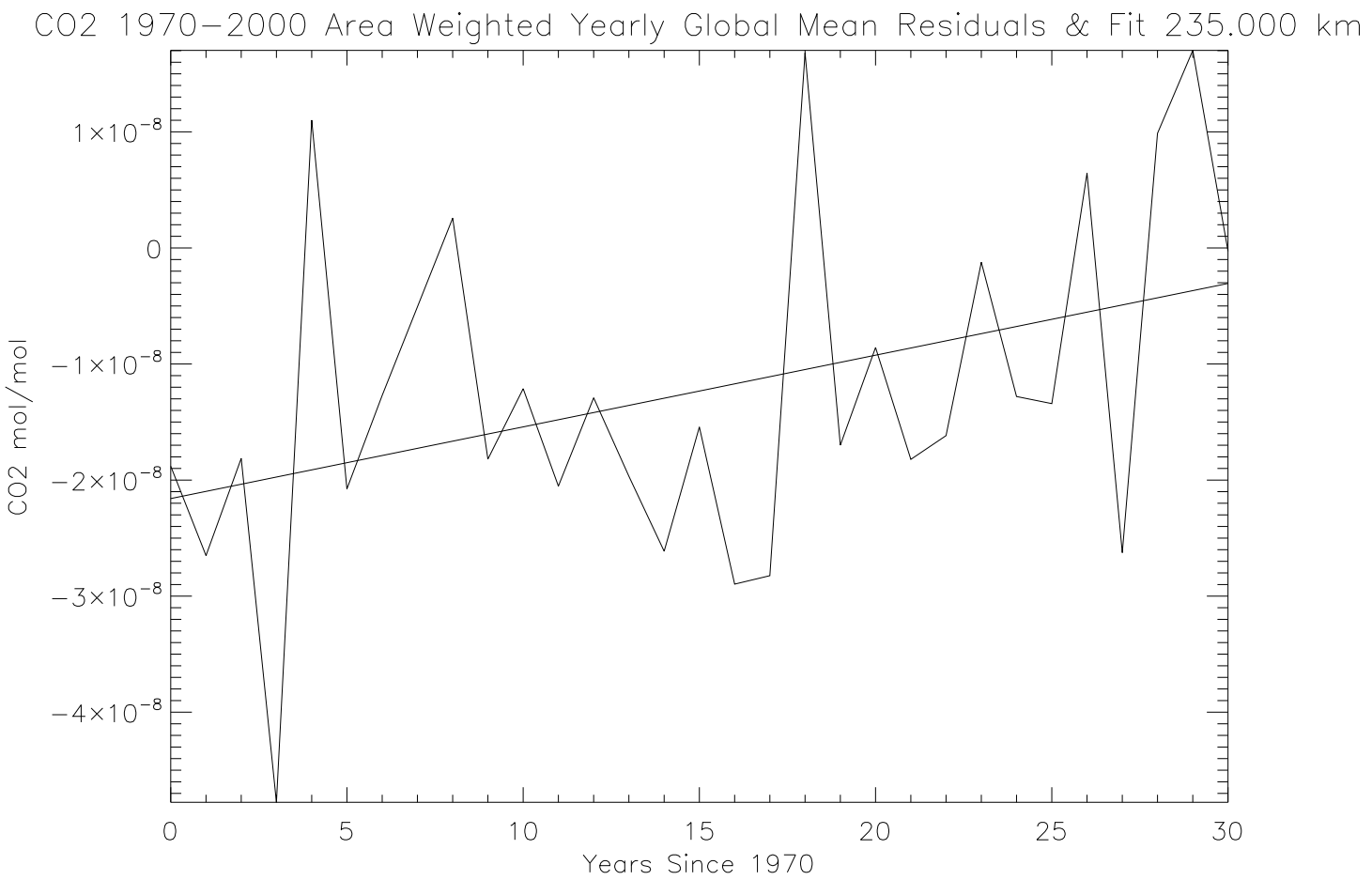

CO2 1955–2005 Area Weighted Yearly Global Mean Residuals & Fit 240.000 km
4×10⁻⁸
2×10⁻⁸
0
−2×10⁻⁸
CO2 mol/mol
0
10
20
30
40
50
Years Since 1955

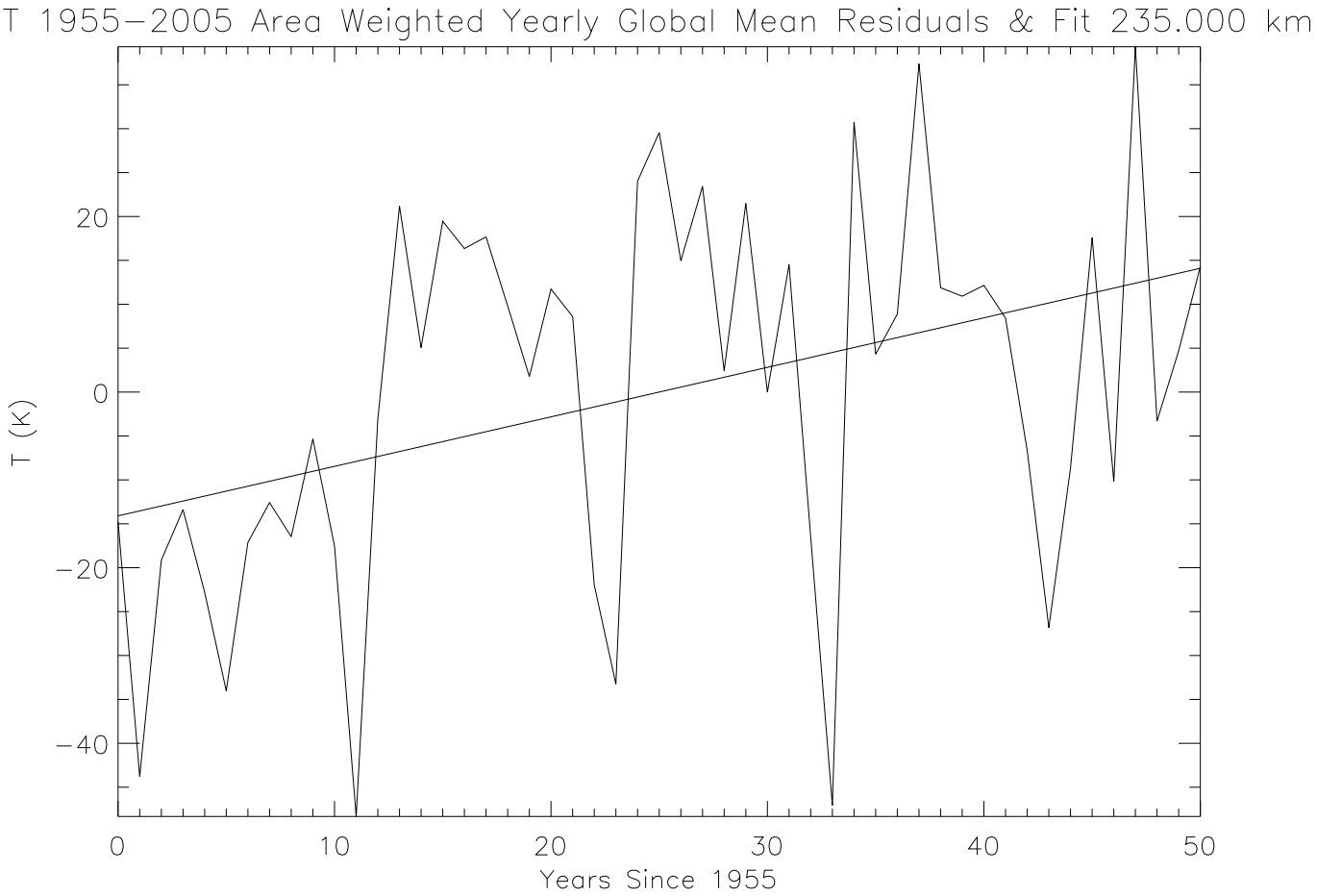

CO2 1970−2000 Area Weighted Yearly Global Mean Residuals & Fit 240.000 km
1×10−8
0
−1×10−8
−2×10−8
−3×10−8
CO2 mol/mol
0
5
10
15
20
25
30
Years Since 1970

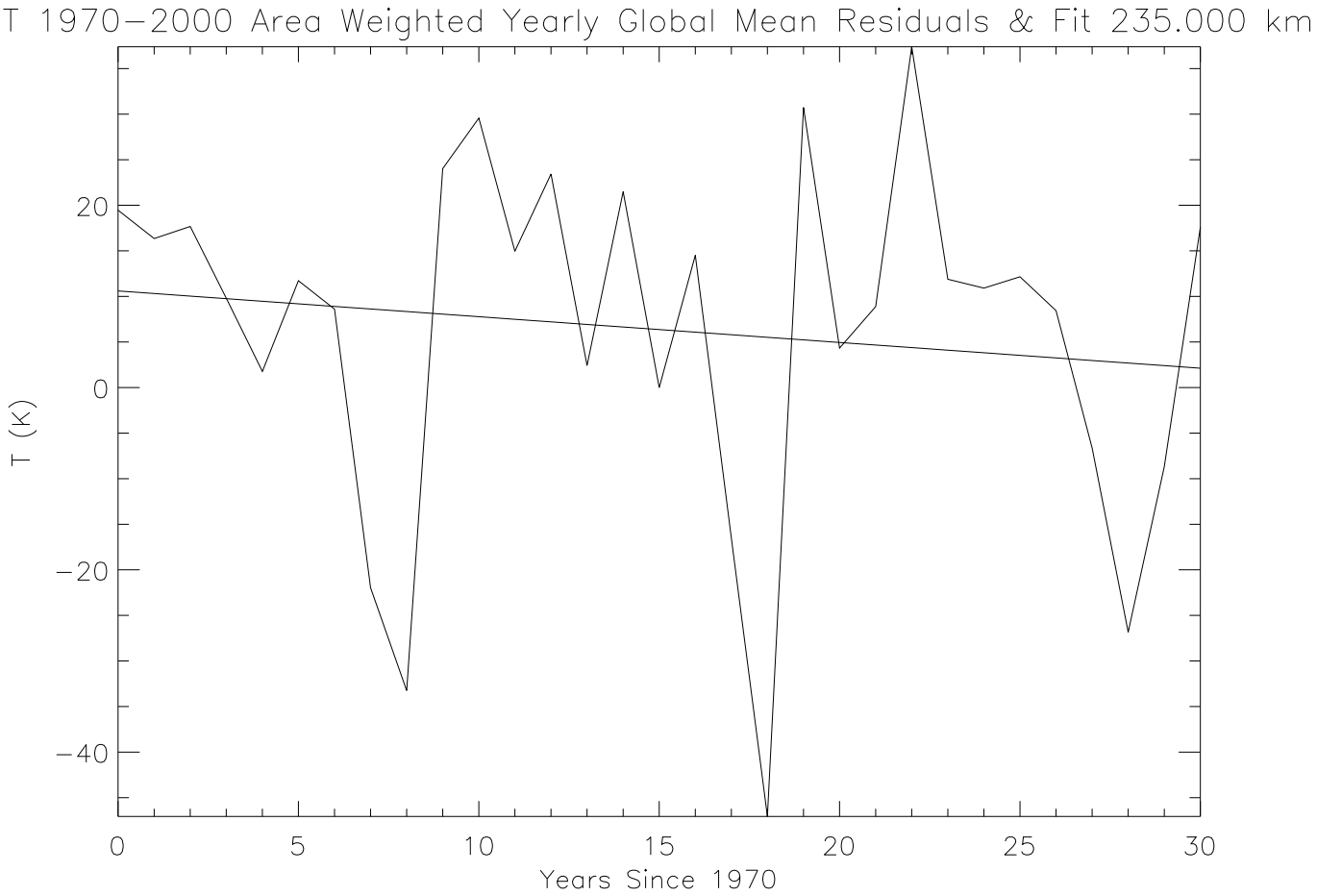

T 1955−2005 Area Weighted Yearly Global Mean Residuals & Fit 240.000 km
T (K)
40
20
0
−20
−40
0
10
20
30
40
50
Years Since 1955

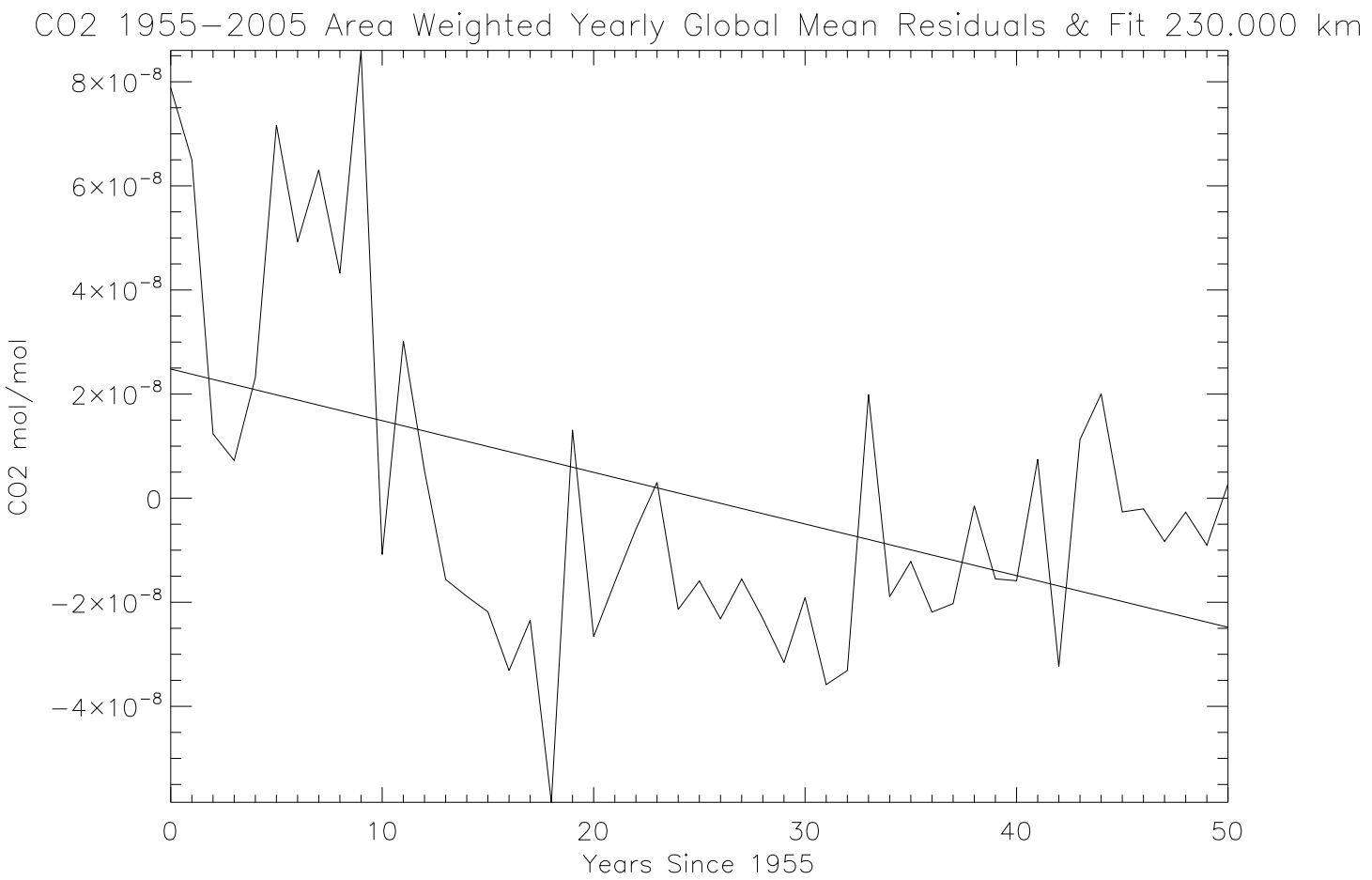

T 1970−2000 Area Weighted Yearly Global Mean Residuals & Fit 240.000 km
T (K)
20
0
−20
−40
0
5
10
15
20
25
30
Years Since 1970

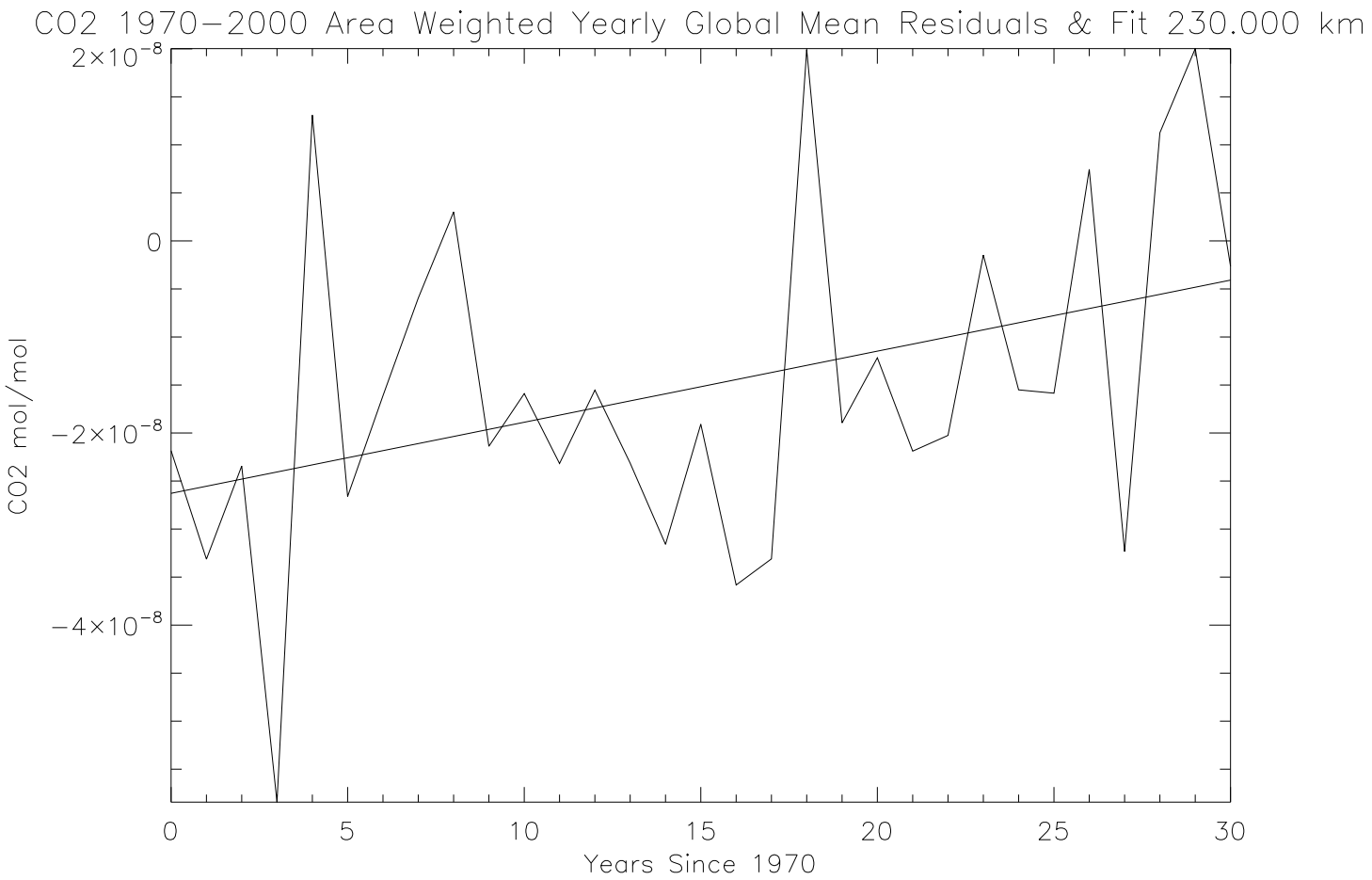

CO2 1955–2005 Area Weighted Yearly Global Mean Residuals & Fit 235.000 km
6×10⁻⁸
4×10⁻⁸
2×10⁻⁸
0
−2×10⁻⁸
−4×10⁻⁸
CO2 mol/mol
0
10
20
30
40
50
Years Since 1955

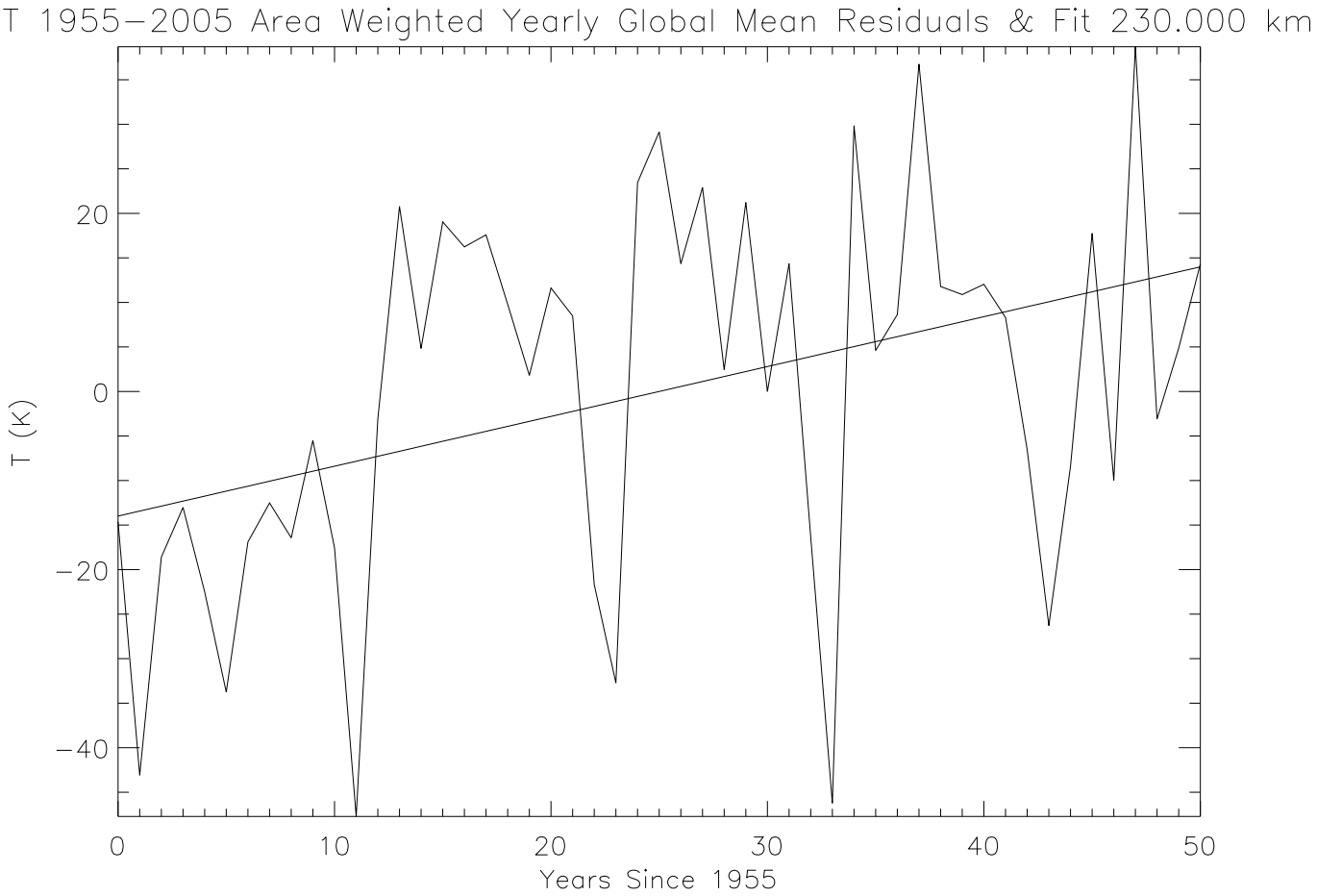

CO2 1970−2000 Area Weighted Yearly Global Mean Residuals & Fit 235.000 km
1×10⁻⁸
0
−1×10⁻⁸
−2×10⁻⁸
−3×10⁻⁸
−4×10⁻⁸
CO2 mol/mol
0
5
10
15
20
25
30
Years Since 1970

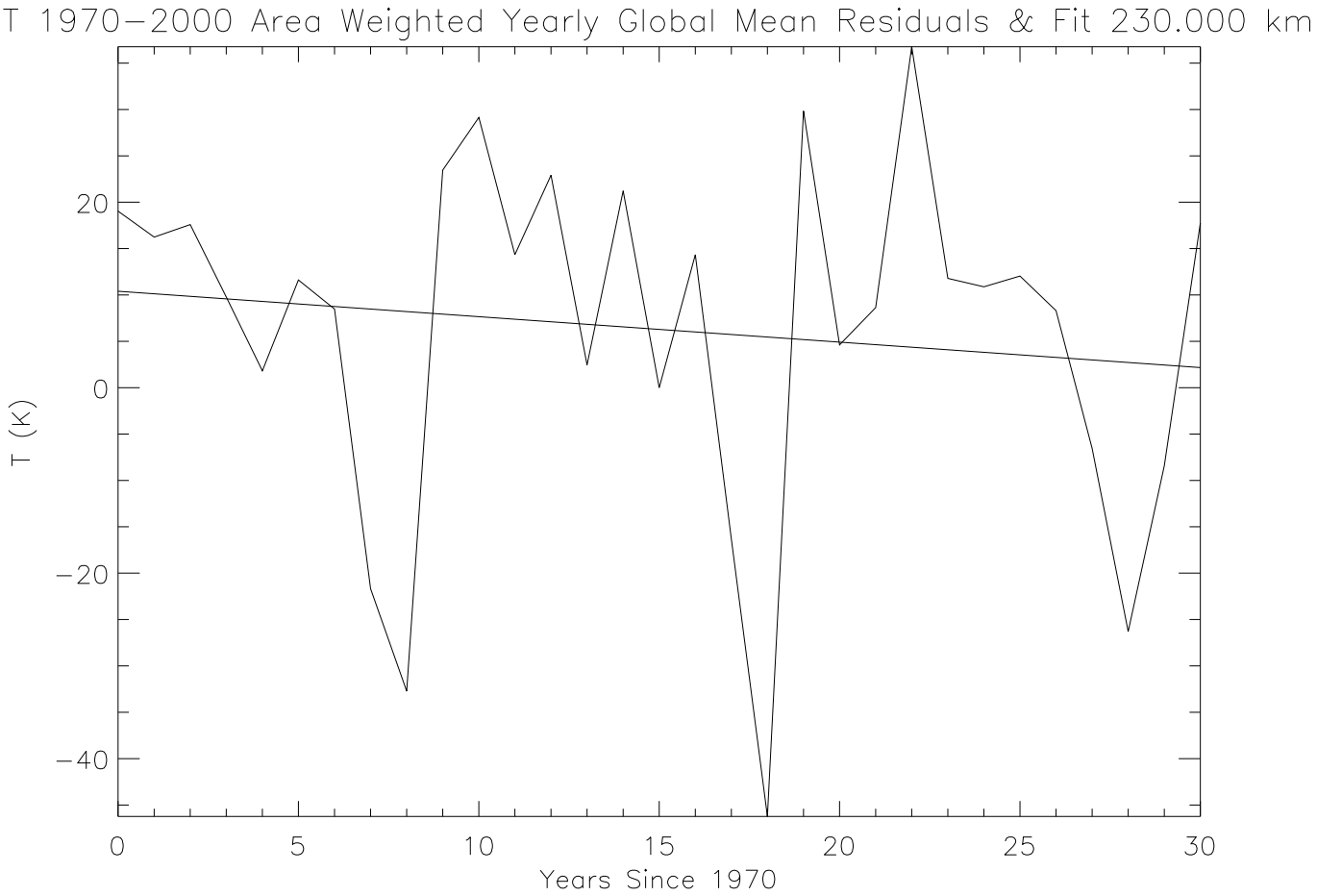

T 1955−2005 Area Weighted Yearly Global Mean Residuals & Fit 235.000 km
T (K)
20
0
−20
−40
0
10
20
30
40
50
Years Since 1955

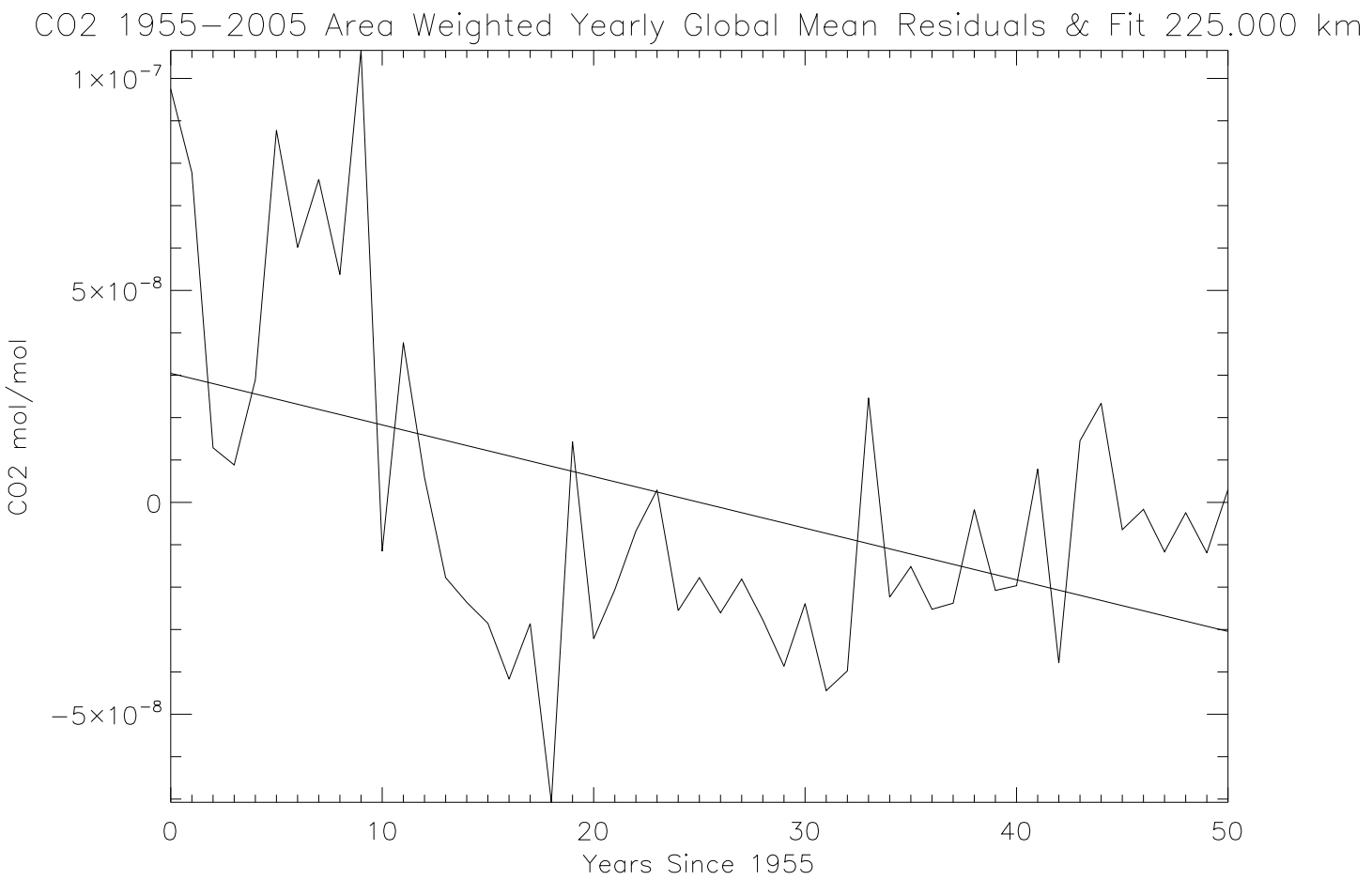

T 1970−2000 Area Weighted Yearly Global Mean Residuals & Fit 235.000 km
T (K)
20
0
−20
−40
0
5
10
15
20
25
30
Years Since 1970

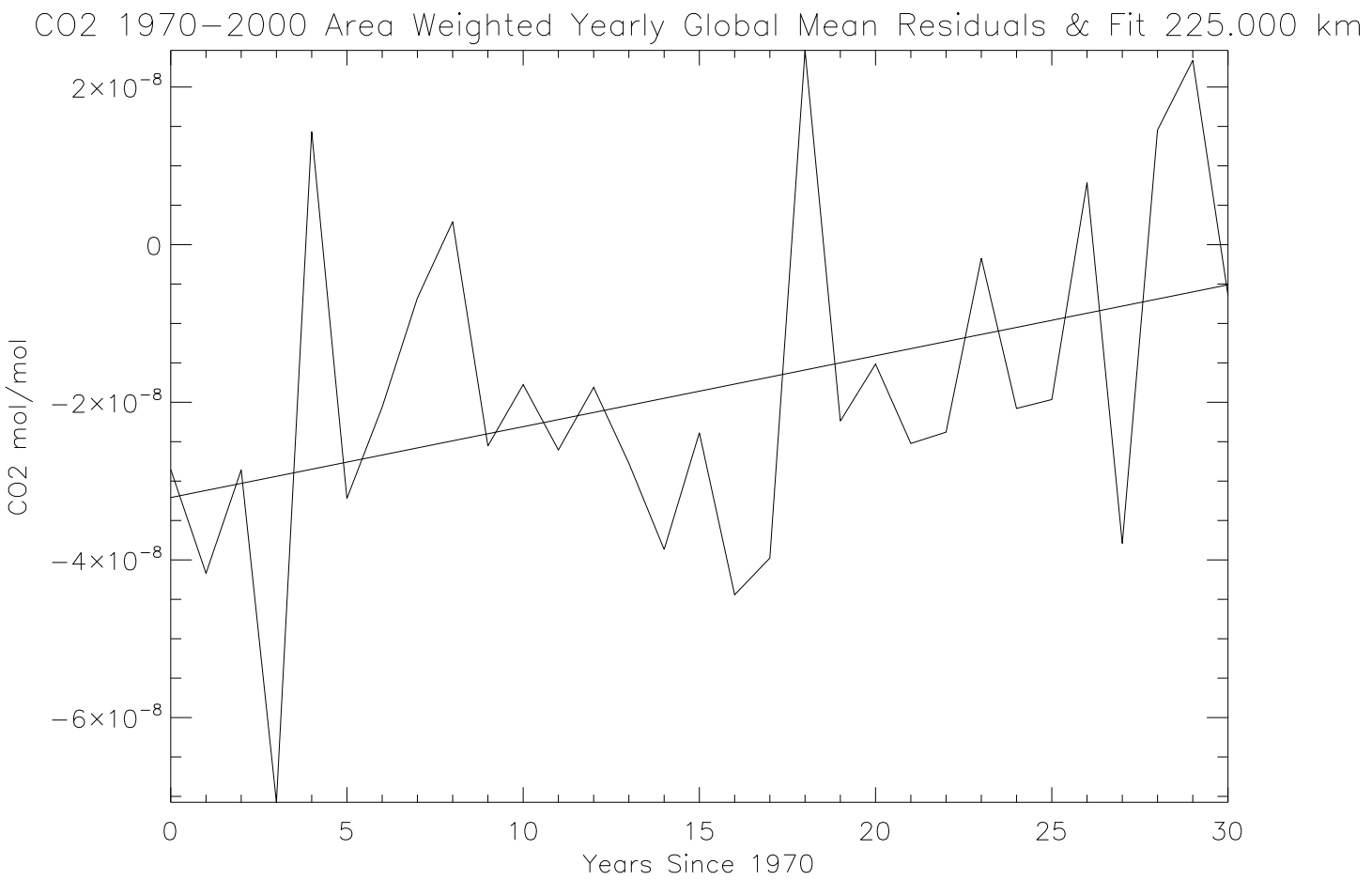

CO2 1955–2005 Area Weighted Yearly Global Mean Residuals & Fit 230.000 km
8×10⁻⁸
6×10⁻⁸
4×10⁻⁸
2×10⁻⁸
0
−2×10⁻⁸
−4×10⁻⁸
CO2 mol/mol
0
10
20
30
40
50
Years Since 1955

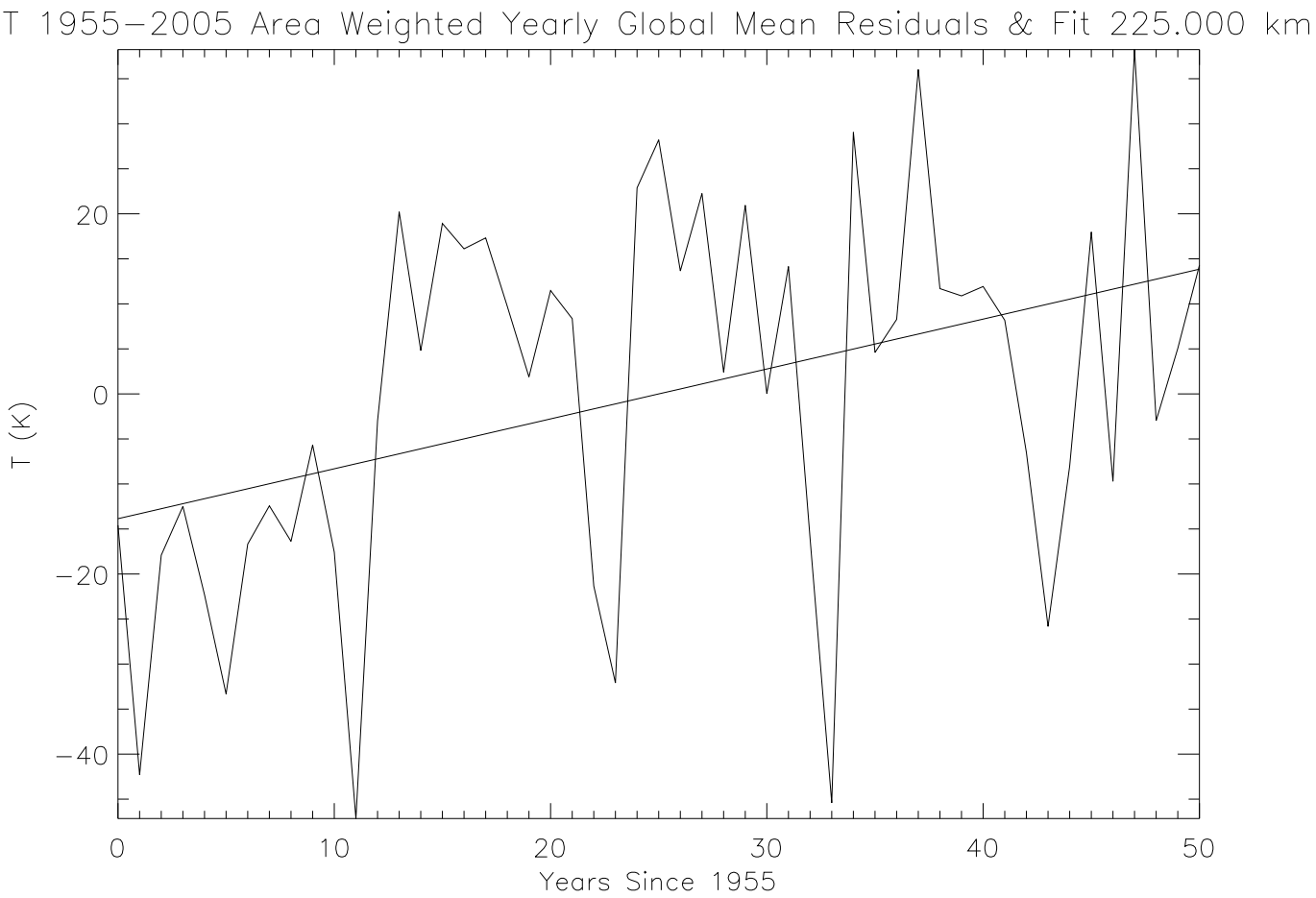

CO2 1970−2000 Area Weighted Yearly Global Mean Residuals & Fit 230.000 km
2×10−8
0
−2×10−8
−4×10−8
CO2 mol/mol
0
5
10
15
20
25
30
Years Since 1970

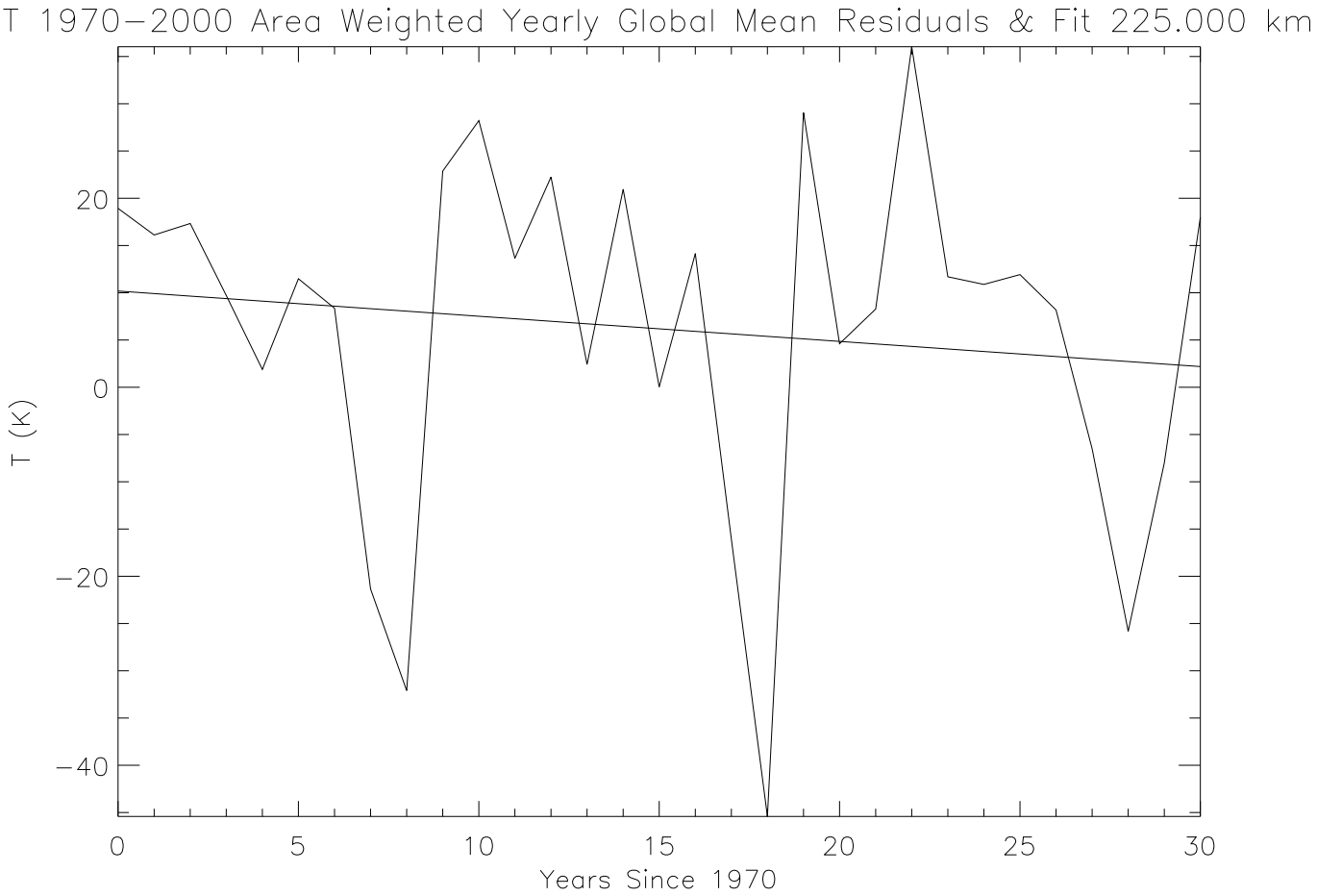

T 1955−2005 Area Weighted Yearly Global Mean Residuals & Fit 230.000 km
T (K)
20
0
−20
−40
0
10
20
30
40
50
Years Since 1955

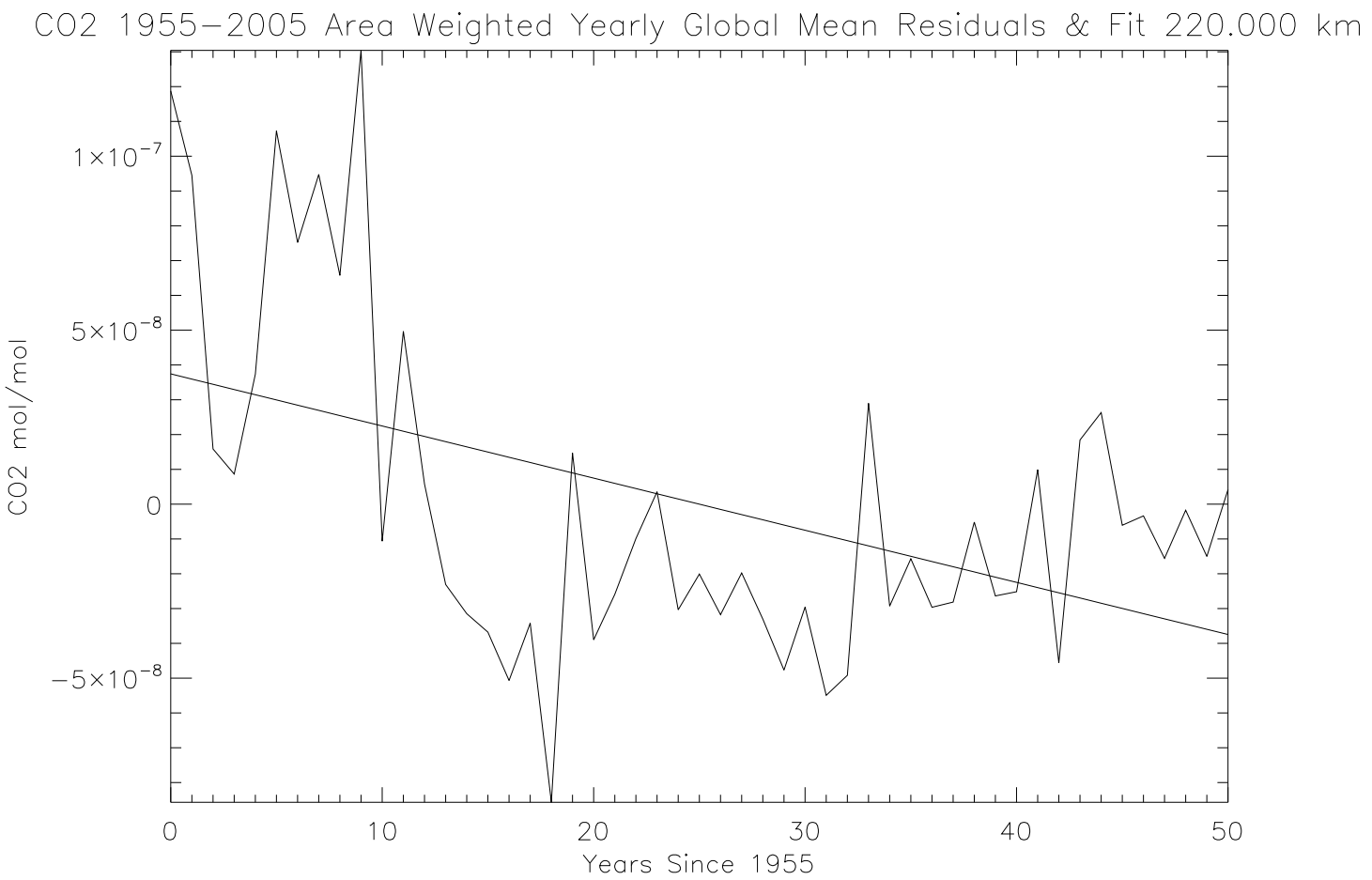

T 1970−2000 Area Weighted Yearly Global Mean Residuals & Fit 230.000 km
20
0
−20
−40
T (K)
0
5
10
15
20
25
30
Years Since 1970

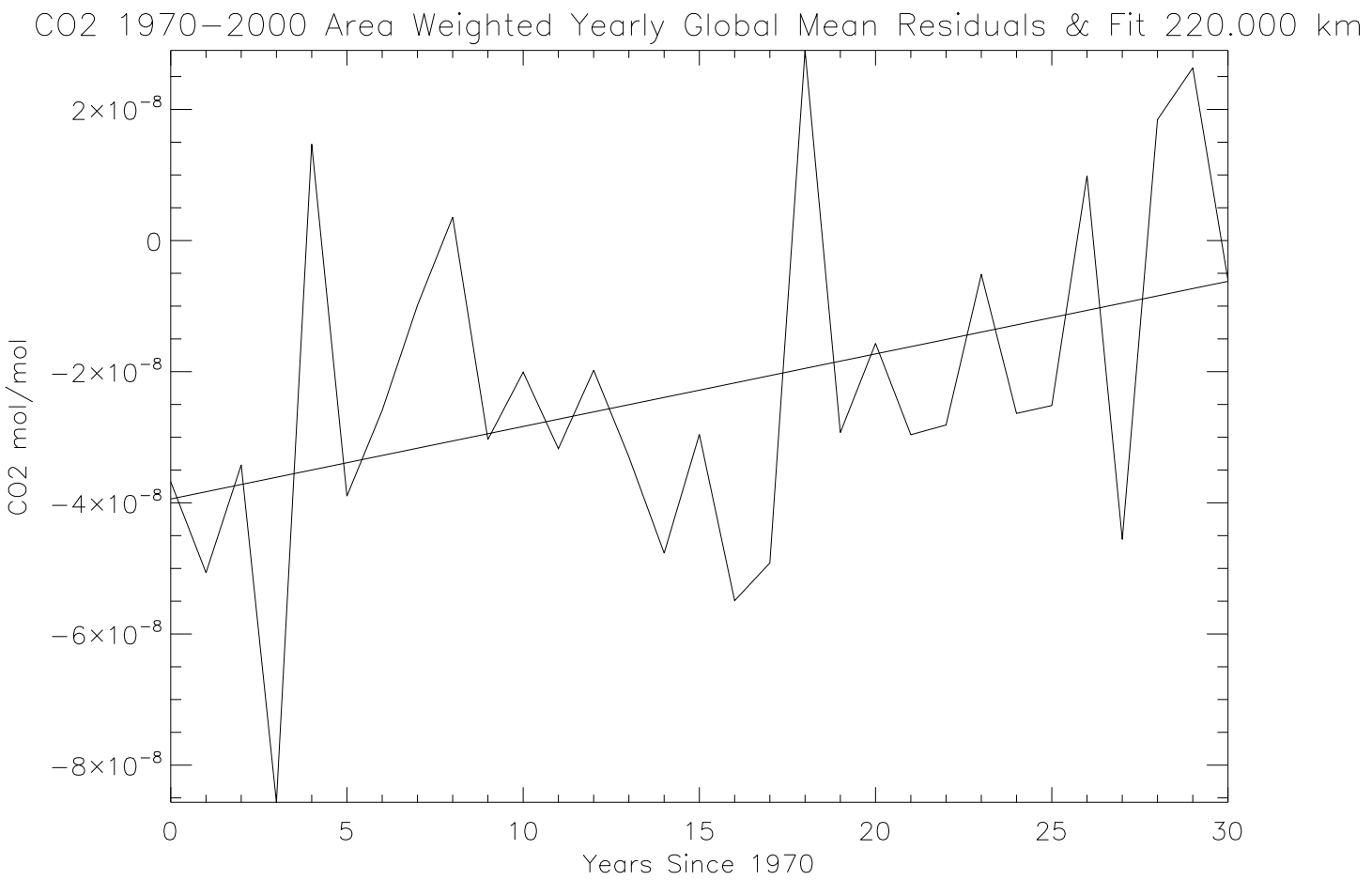

CO2 1955–2005 Area Weighted Yearly Global Mean Residuals & Fit 225.000 km
1×10⁻⁷
5×10⁻⁸
0
−5×10⁻⁸
CO2 mol/mol
0
10
20
30
40
50
Years Since 1955

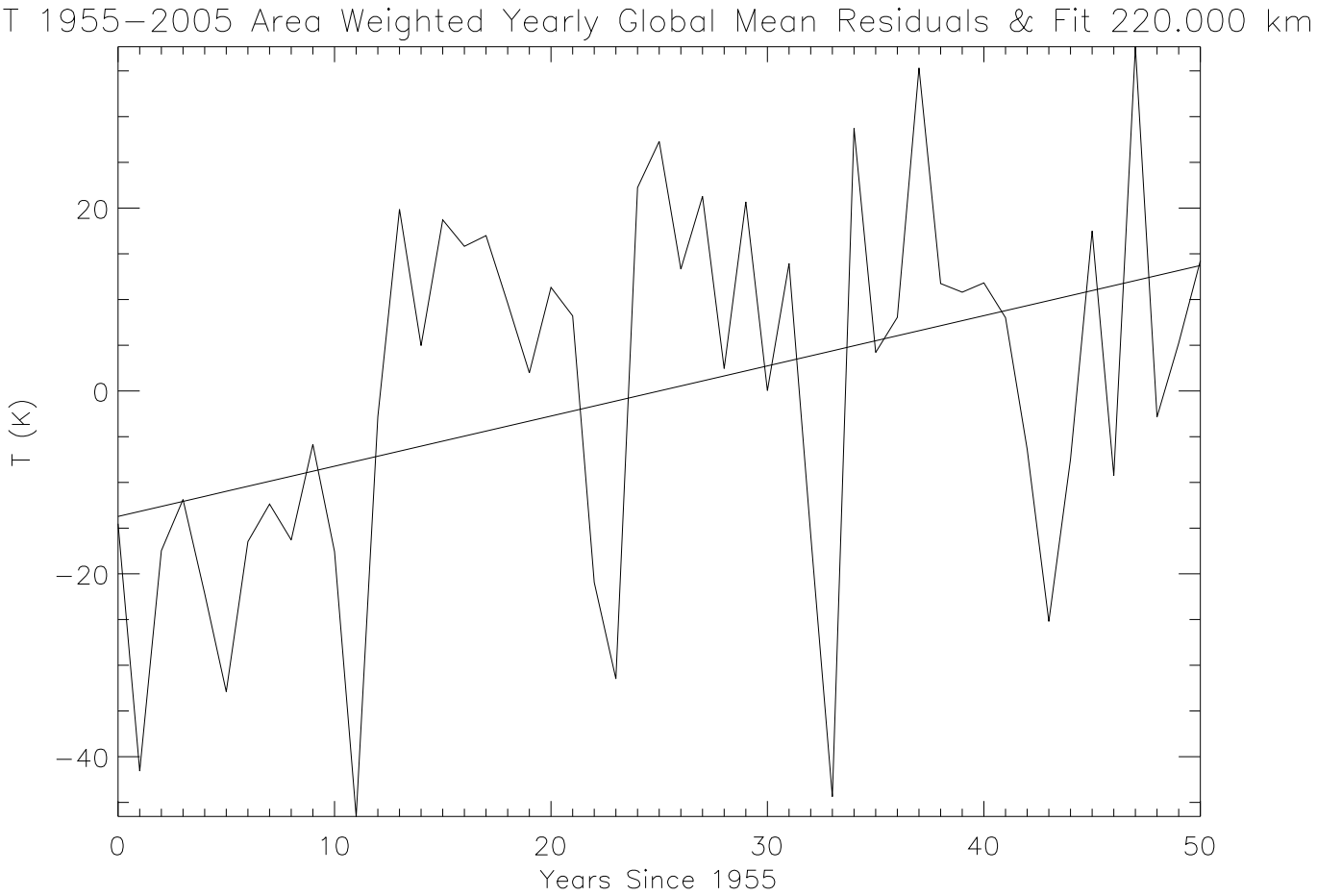

CO2 1970−2000 Area Weighted Yearly Global Mean Residuals & Fit 225.000 km
2×10⁻⁸
0
−2×10⁻⁸
−4×10⁻⁸
−6×10⁻⁸
CO2 mol/mol
0
5
10
15
20
25
30
Years Since 1970

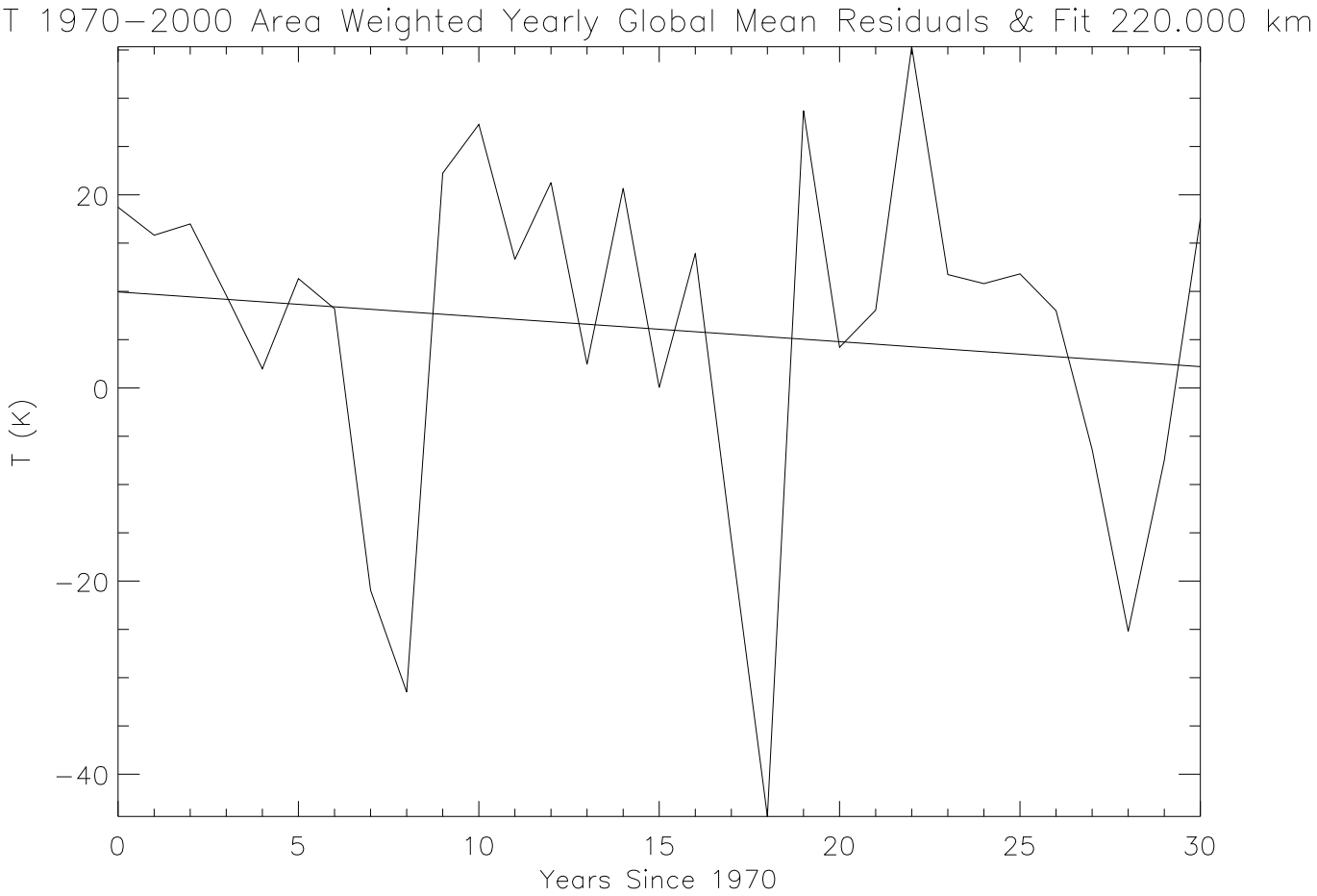

T 1955−2005 Area Weighted Yearly Global Mean Residuals & Fit 225.000 km
T (K)
20
0
−20
−40
0
10
20
30
40
50
Years Since 1955

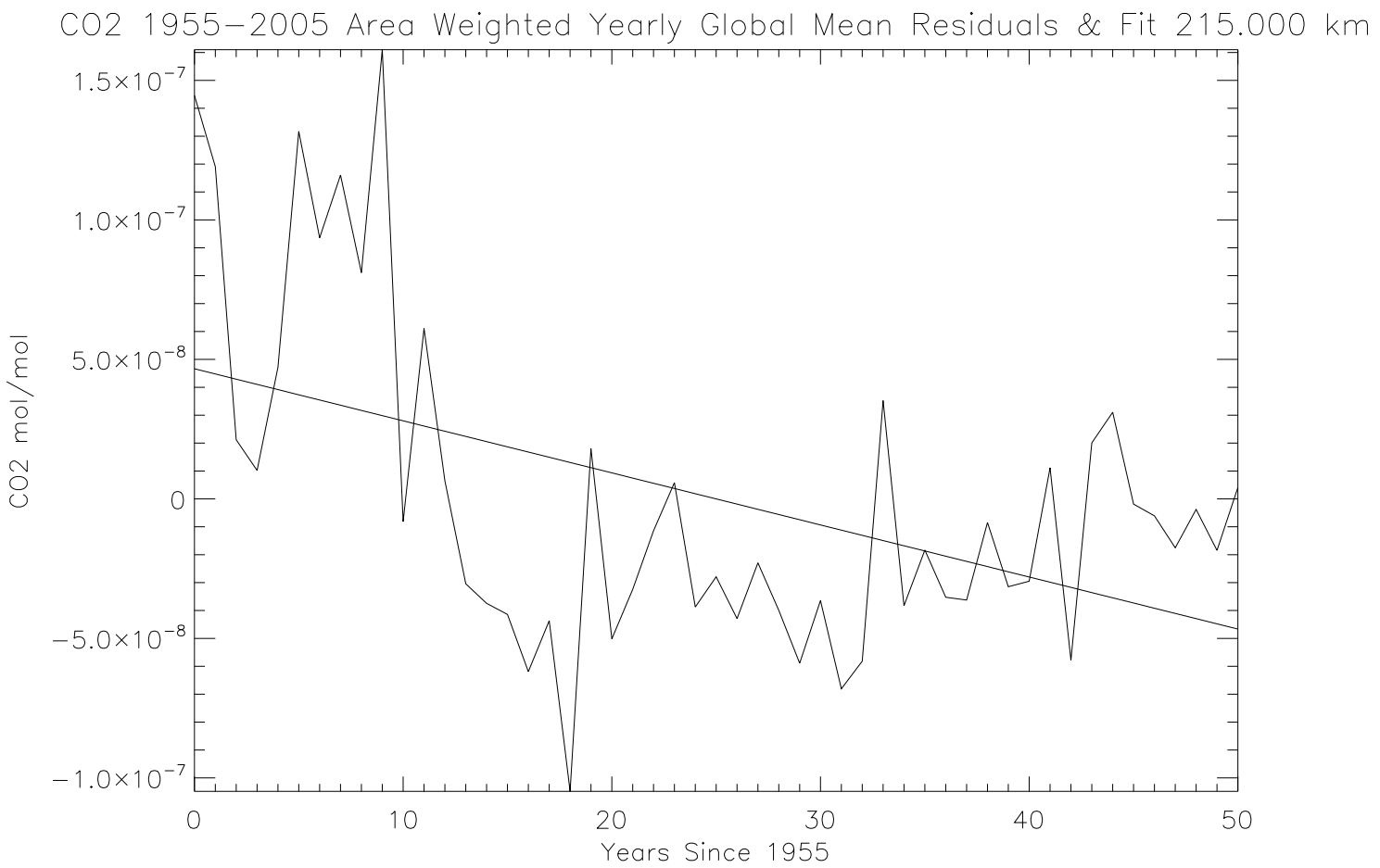

T 1970−2000 Area Weighted Yearly Global Mean Residuals & Fit 225.000 km
T (K)
20
0
−20
−40
0
5
10
15
20
25
30
Years Since 1970

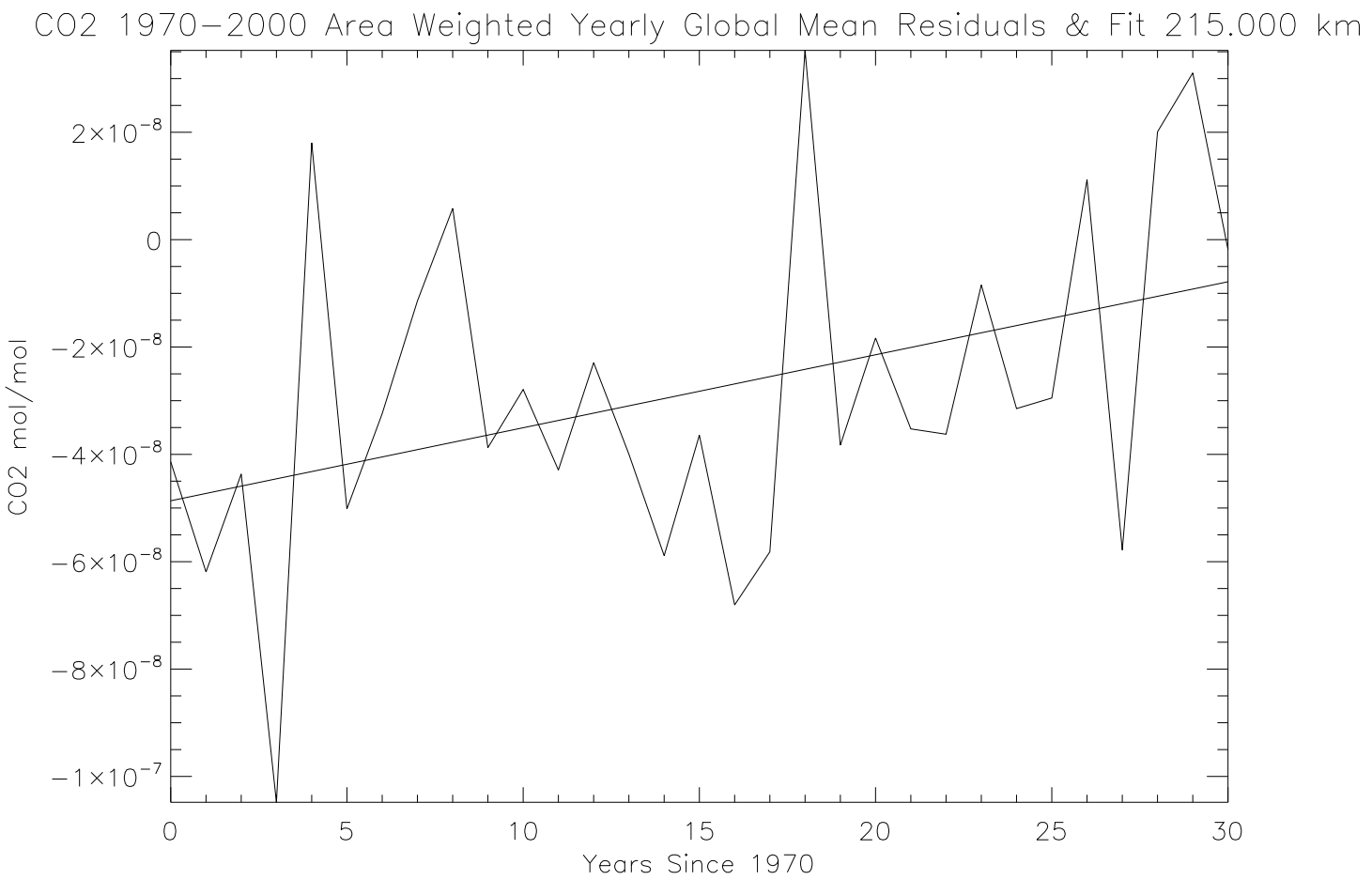

CO2 1955–2005 Area Weighted Yearly Global Mean Residuals & Fit 220.000 km
1×10^-7
5×10^-8
0
−5×10^-8
CO2 mol/mol
0
10
20
30
40
50
Years Since 1955

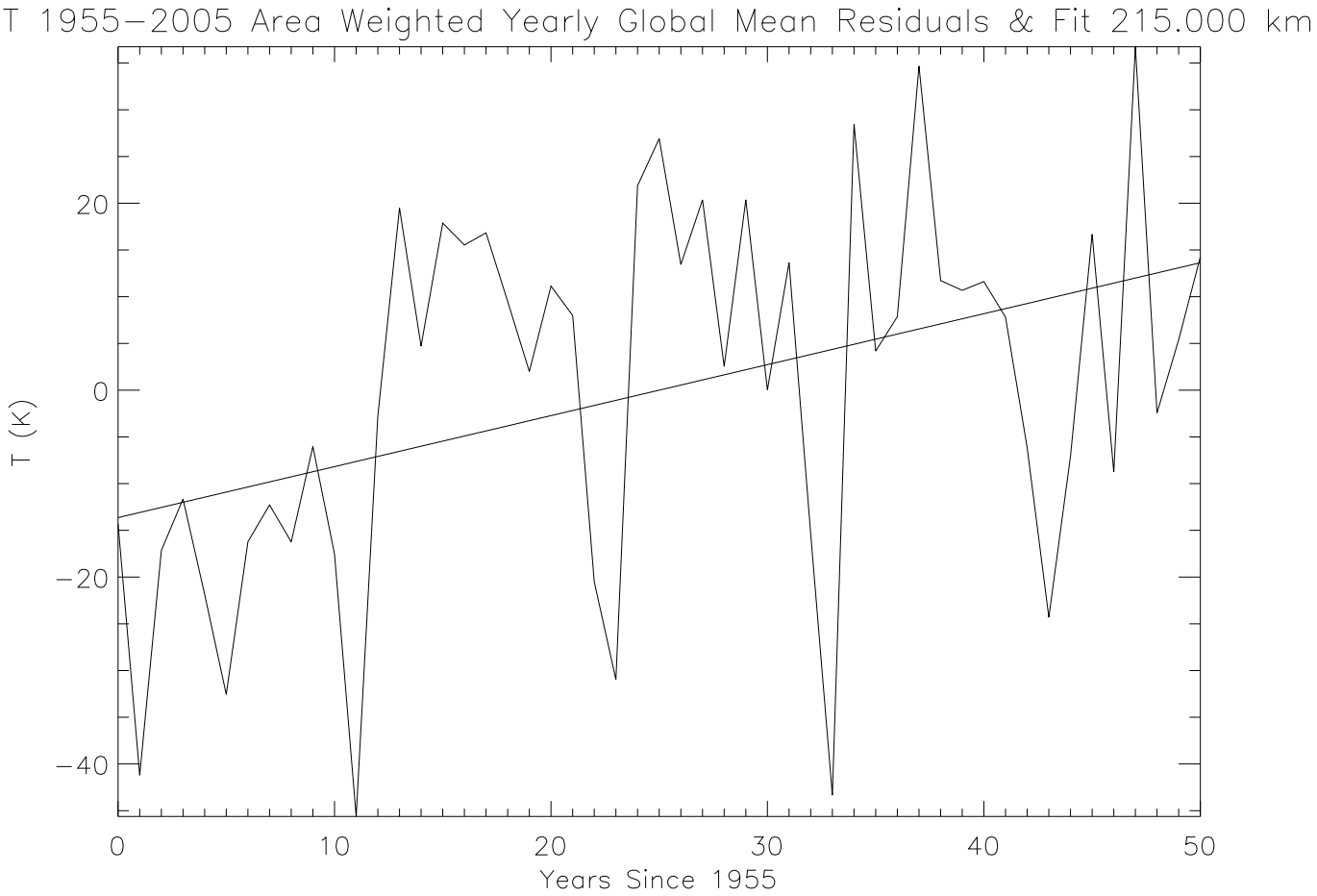

CO2 1970−2000 Area Weighted Yearly Global Mean Residuals & Fit 220.000 km
2×10⁻⁸
0
−2×10⁻⁸
−4×10⁻⁸
−6×10⁻⁸
−8×10⁻⁸
CO2 mol/mol
0
5
10
15
20
25
30
Years Since 1970

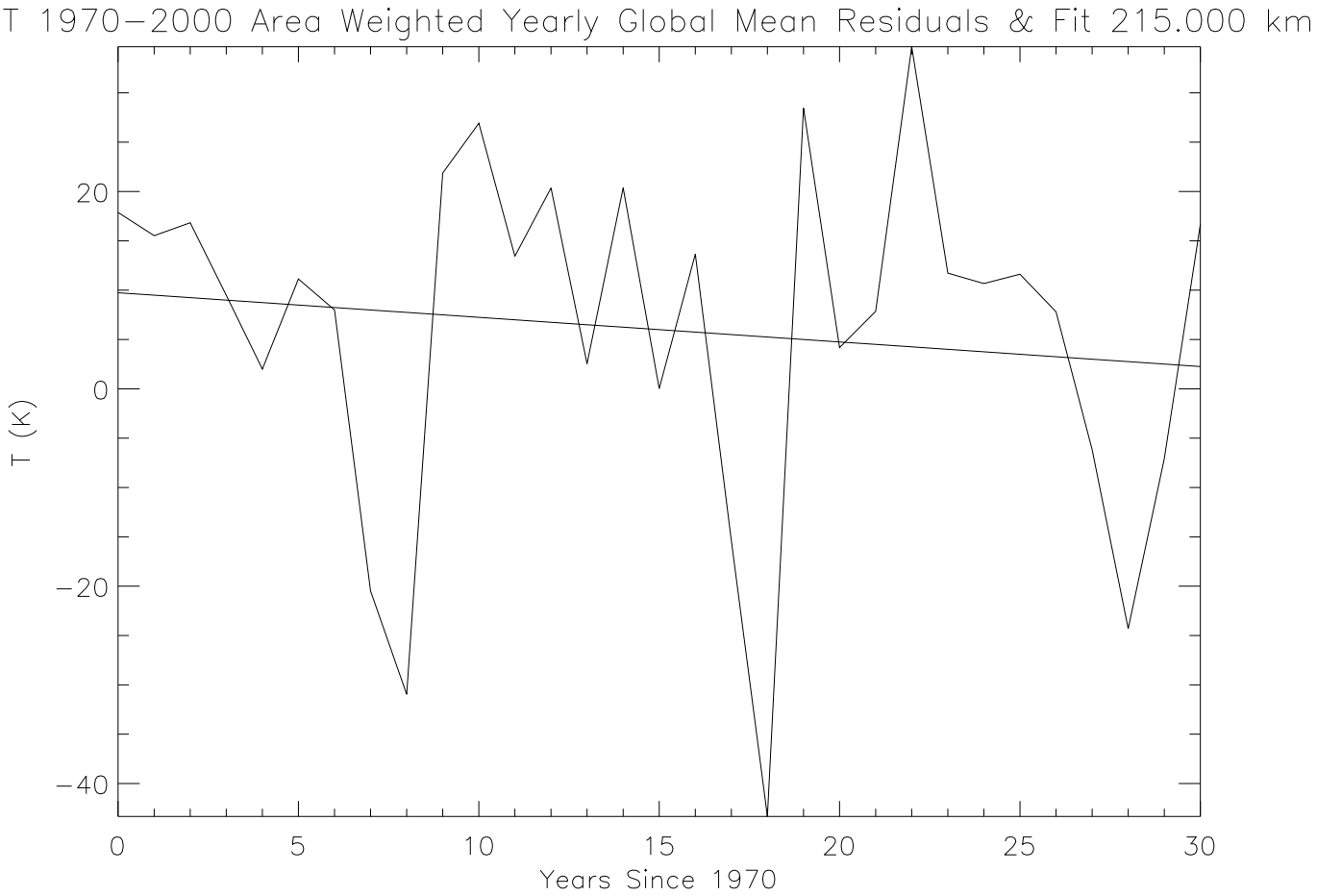

T 1955−2005 Area Weighted Yearly Global Mean Residuals & Fit 220.000 km
T (K)
20
0
−20
−40
0
10
20
30
40
50
Years Since 1955

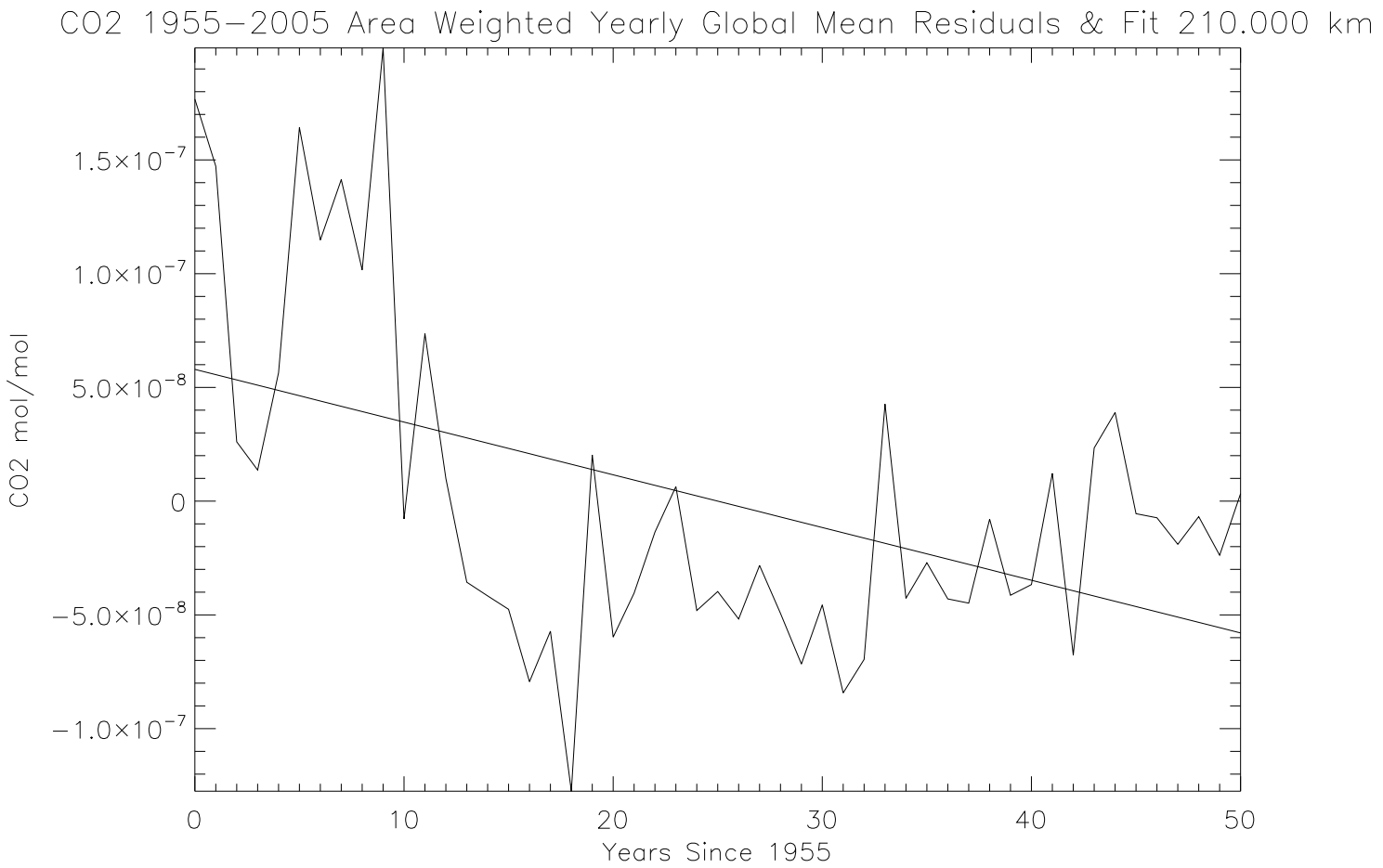

T 1970−2000 Area Weighted Yearly Global Mean Residuals & Fit 220.000 km
T (K)
20
0
−20
−40
0
5
10
15
20
25
30
Years Since 1970

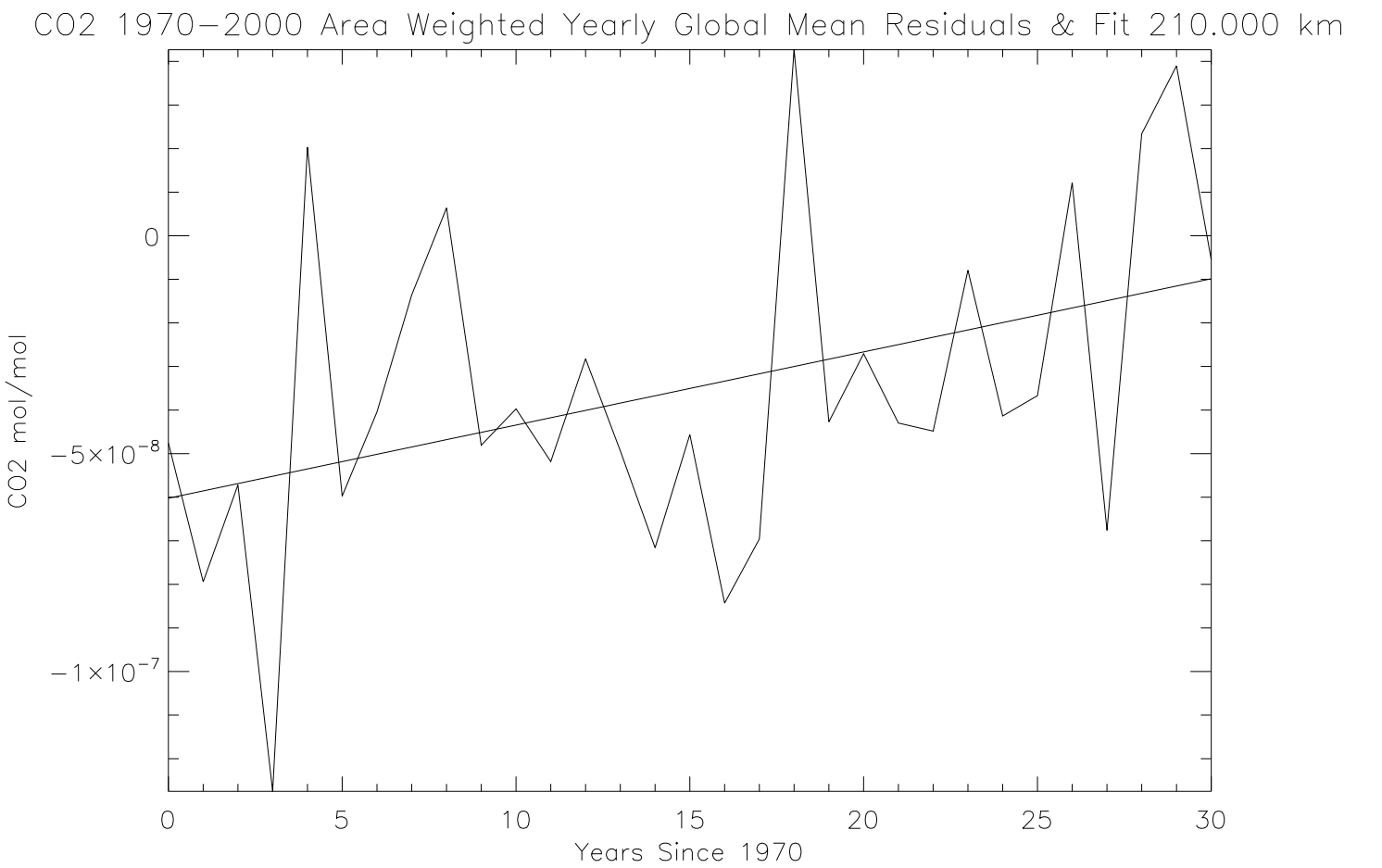

CO2 1955–2005 Area Weighted Yearly Global Mean Residuals & Fit 215.000 km
1.5×10⁻⁷
1.0×10⁻⁷
5.0×10⁻⁸
0
−5.0×10⁻⁸
−1.0×10⁻⁷
CO2 mol/mol
0
10
20
30
40
50
Years Since 1955

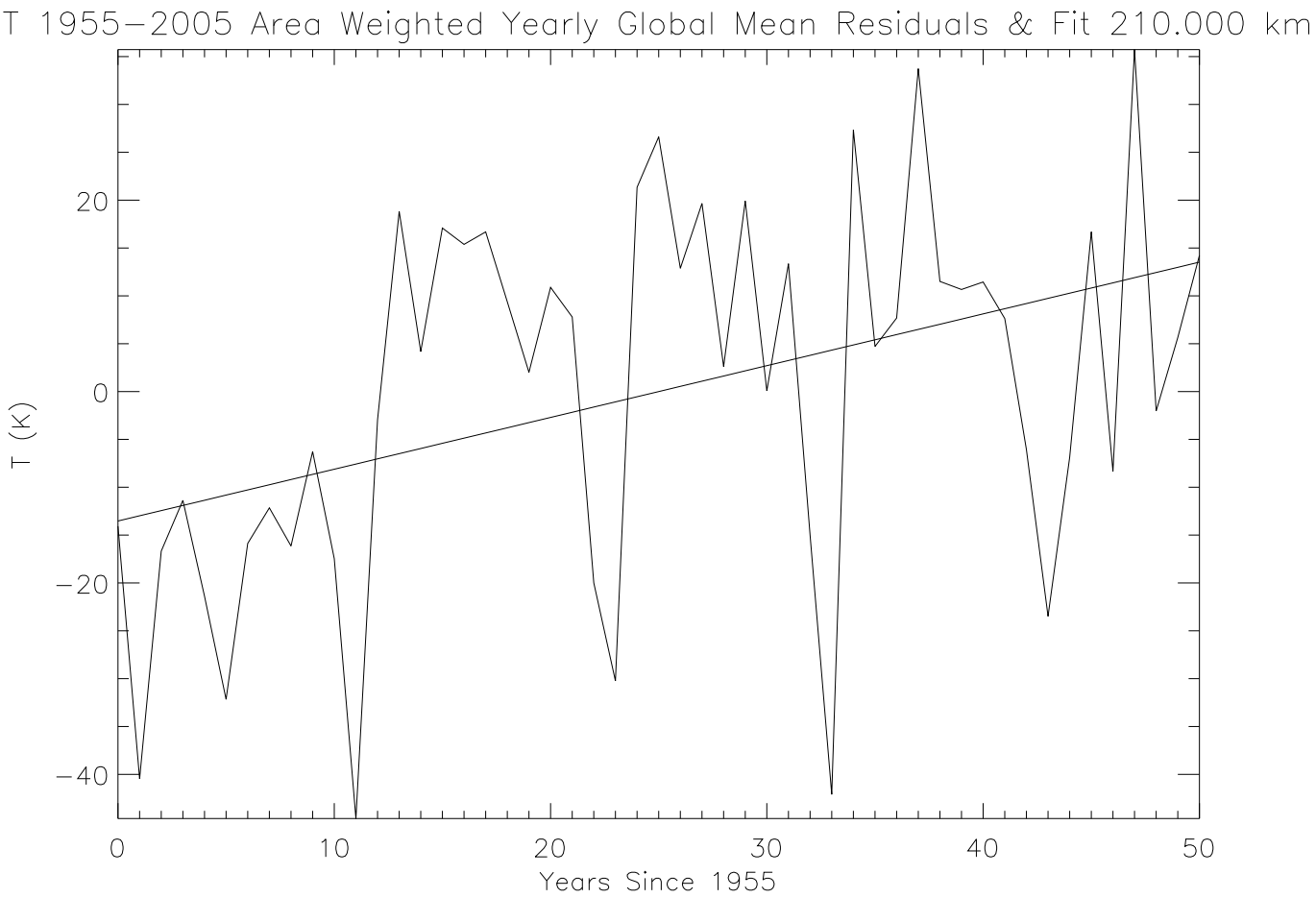

CO2 1970–2000 Area Weighted Yearly Global Mean Residuals & Fit 215.000 km
2×10⁻⁸
0
−2×10⁻⁸
−4×10⁻⁸
−6×10⁻⁸
−8×10⁻⁸
−1×10⁻⁷
CO2 mol/mol
0
5
10
15
20
25
30
Years Since 1970

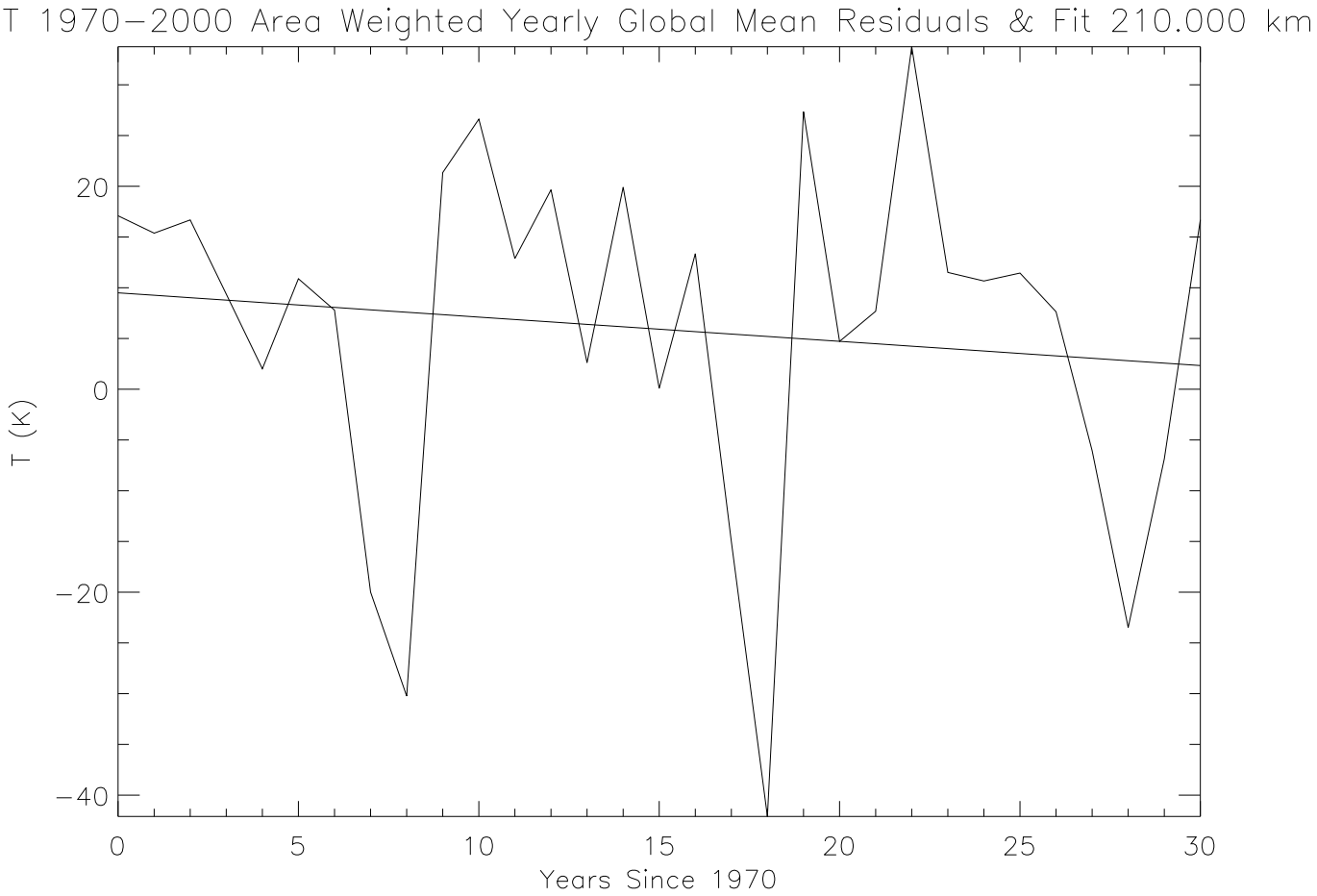

T 1955−2005 Area Weighted Yearly Global Mean Residuals & Fit 215.000 km
T (K)
20
0
−20
−40
0
10
20
30
40
50
Years Since 1955

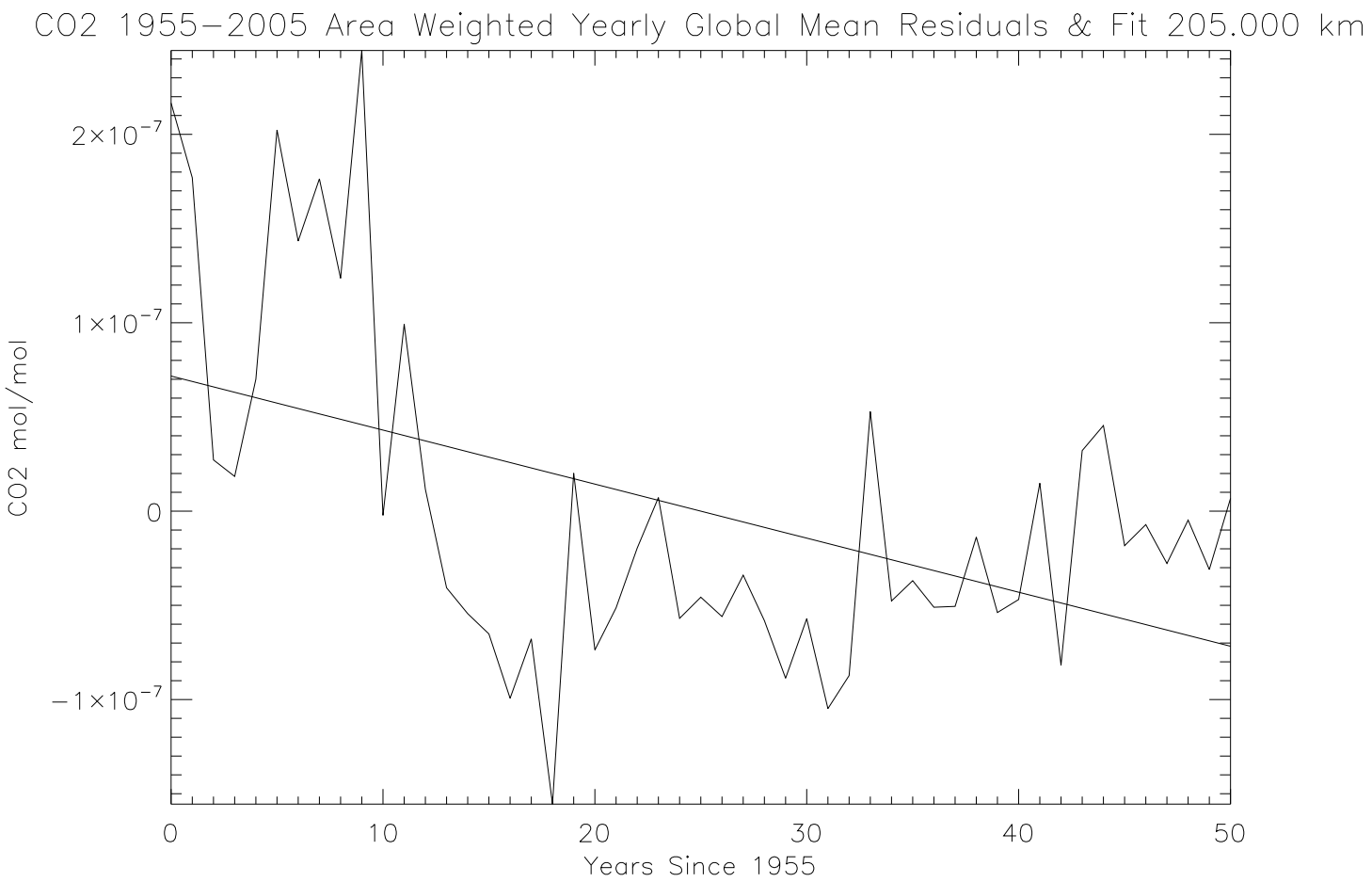

T 1970−2000 Area Weighted Yearly Global Mean Residuals & Fit 215.000 km
T (K)
20
0
−20
−40
0
5
10
15
20
25
30
Years Since 1970

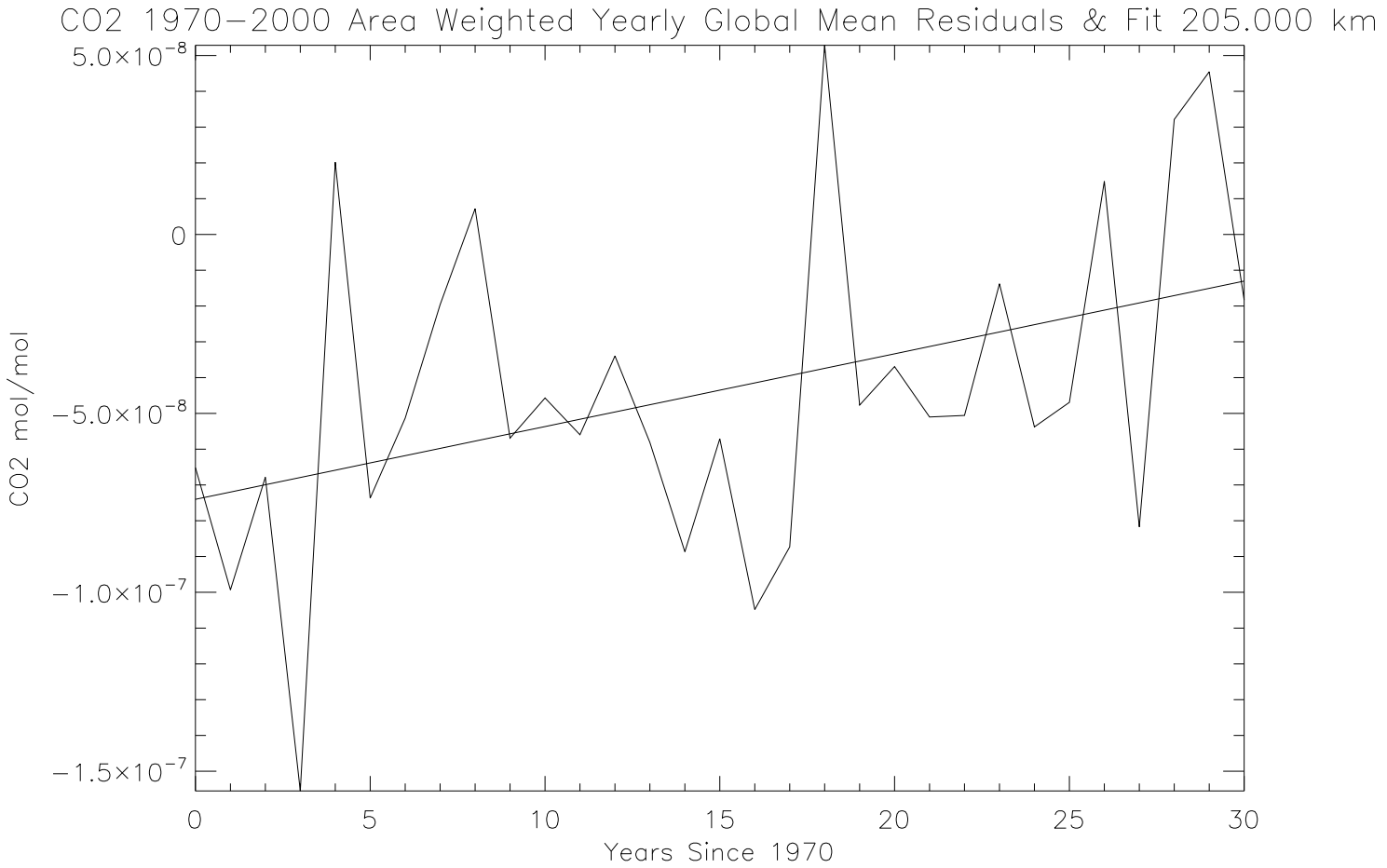

CO2 1955–2005 Area Weighted Yearly Global Mean Residuals & Fit 210.000 km
CO2 mol/mol
1.5×10⁻⁷
1.0×10⁻⁷
5.0×10⁻⁸
0
−5.0×10⁻⁸
−1.0×10⁻⁷
0
10
20
30
40
50
Years Since 1955

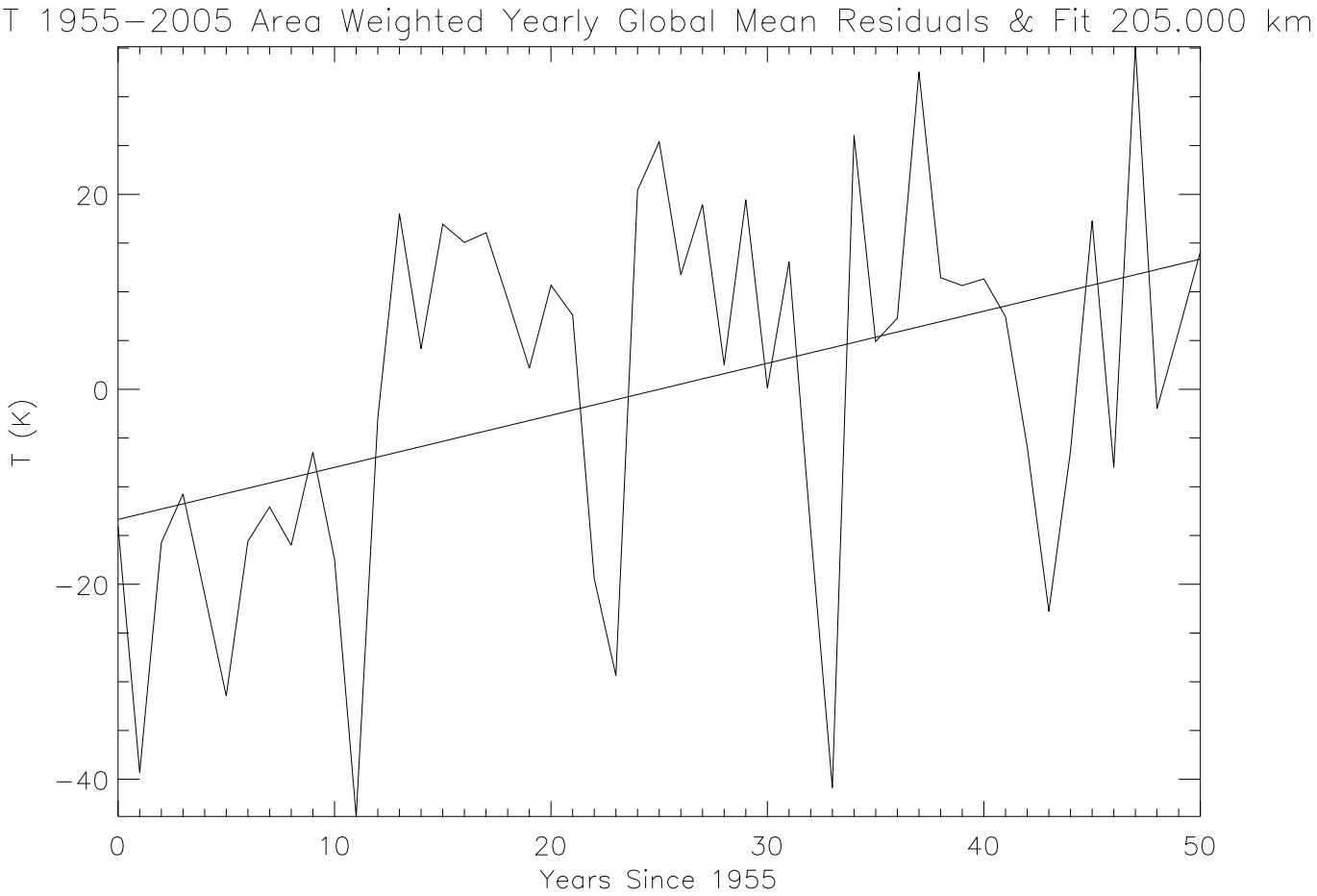

CO2 1970−2000 Area Weighted Yearly Global Mean Residuals & Fit 210.000 km
CO2 mol/mol
0
−5×10−8
−1×10−7
0
5
10
15
20
25
30
Years Since 1970

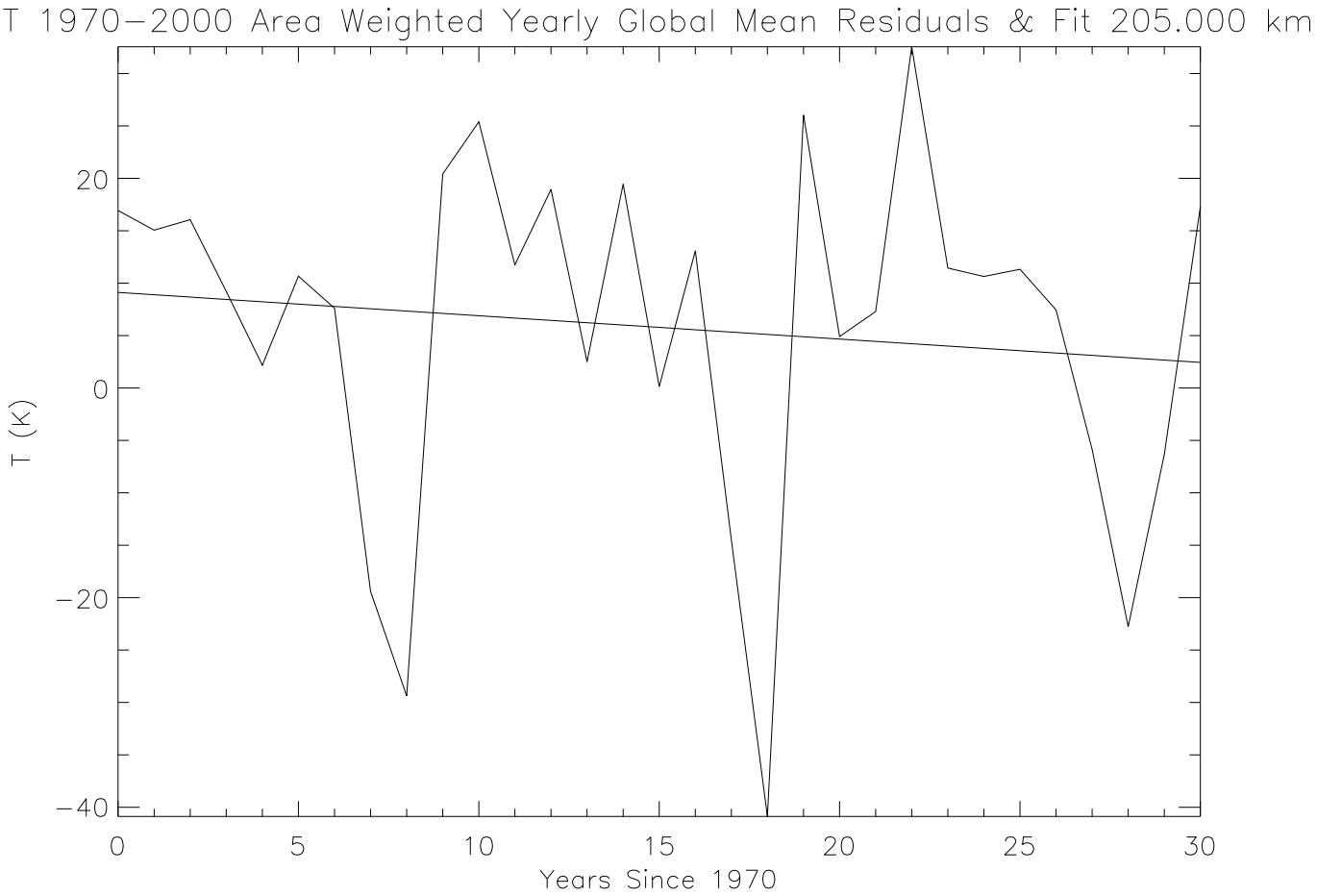

T 1955−2005 Area Weighted Yearly Global Mean Residuals & Fit 210.000 km
T (K)
20
0
−20
−40
0
10
20
30
40
50
Years Since 1955

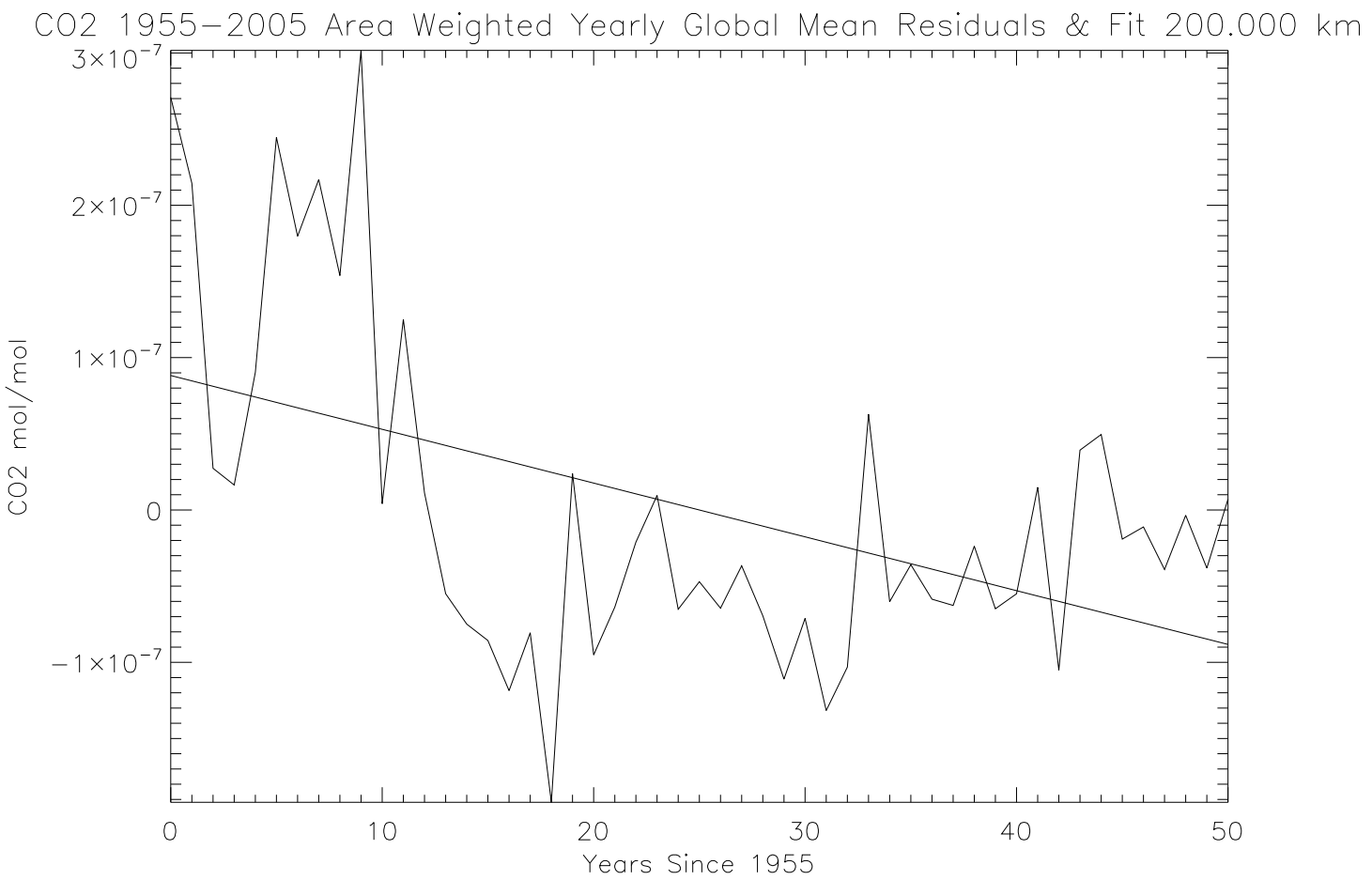

T 1970−2000 Area Weighted Yearly Global Mean Residuals & Fit 210.000 km
T (K)
20
0
−20
−40
0
5
10
15
20
25
30
Years Since 1970

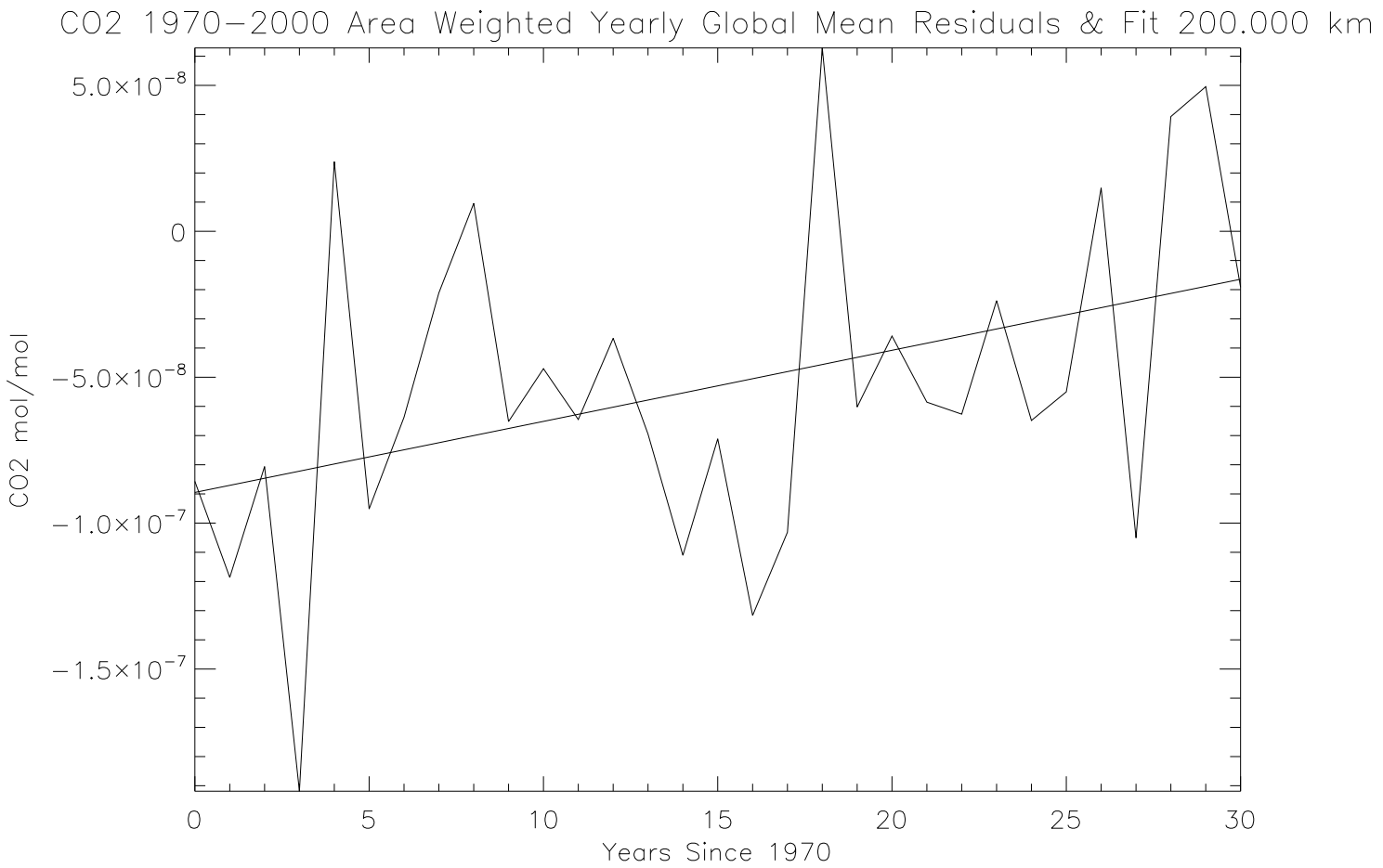

CO2 1955–2005 Area Weighted Yearly Global Mean Residuals & Fit 205.000 km
2×10⁻⁷
1×10⁻⁷
0
−1×10⁻⁷
CO2 mol/mol
0
10
20
30
40
50
Years Since 1955

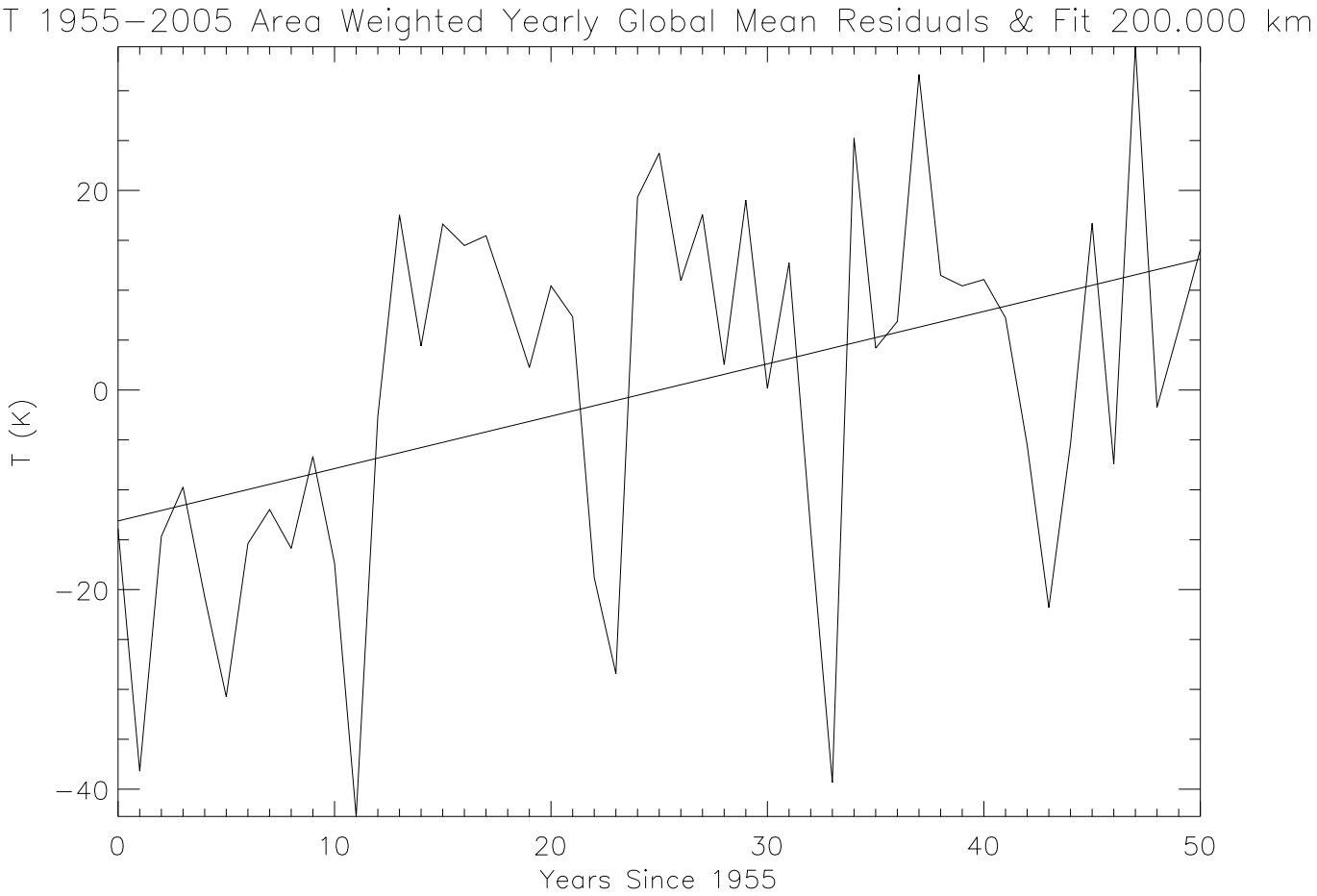

CO2 1970−2000 Area Weighted Yearly Global Mean Residuals & Fit 205.000 km
5.0×10−8
0
−5.0×10−8
−1.0×10−7
−1.5×10−7
CO2 mol/mol
0
5
10
15
20
25
30
Years Since 1970

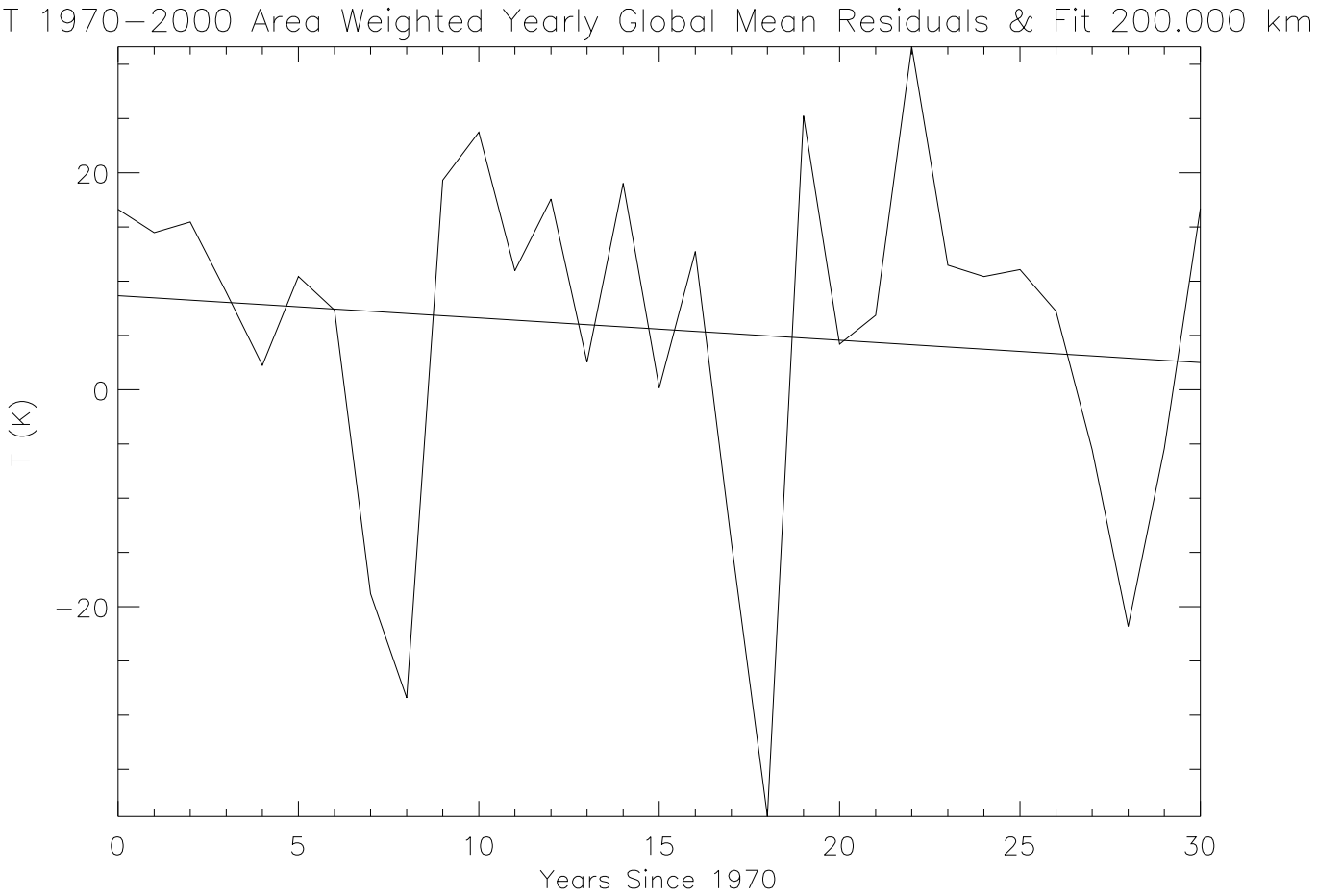

T 1955−2005 Area Weighted Yearly Global Mean Residuals & Fit 205.000 km
T (K)
20
0
−20
−40
0
10
20
30
40
50
Years Since 1955

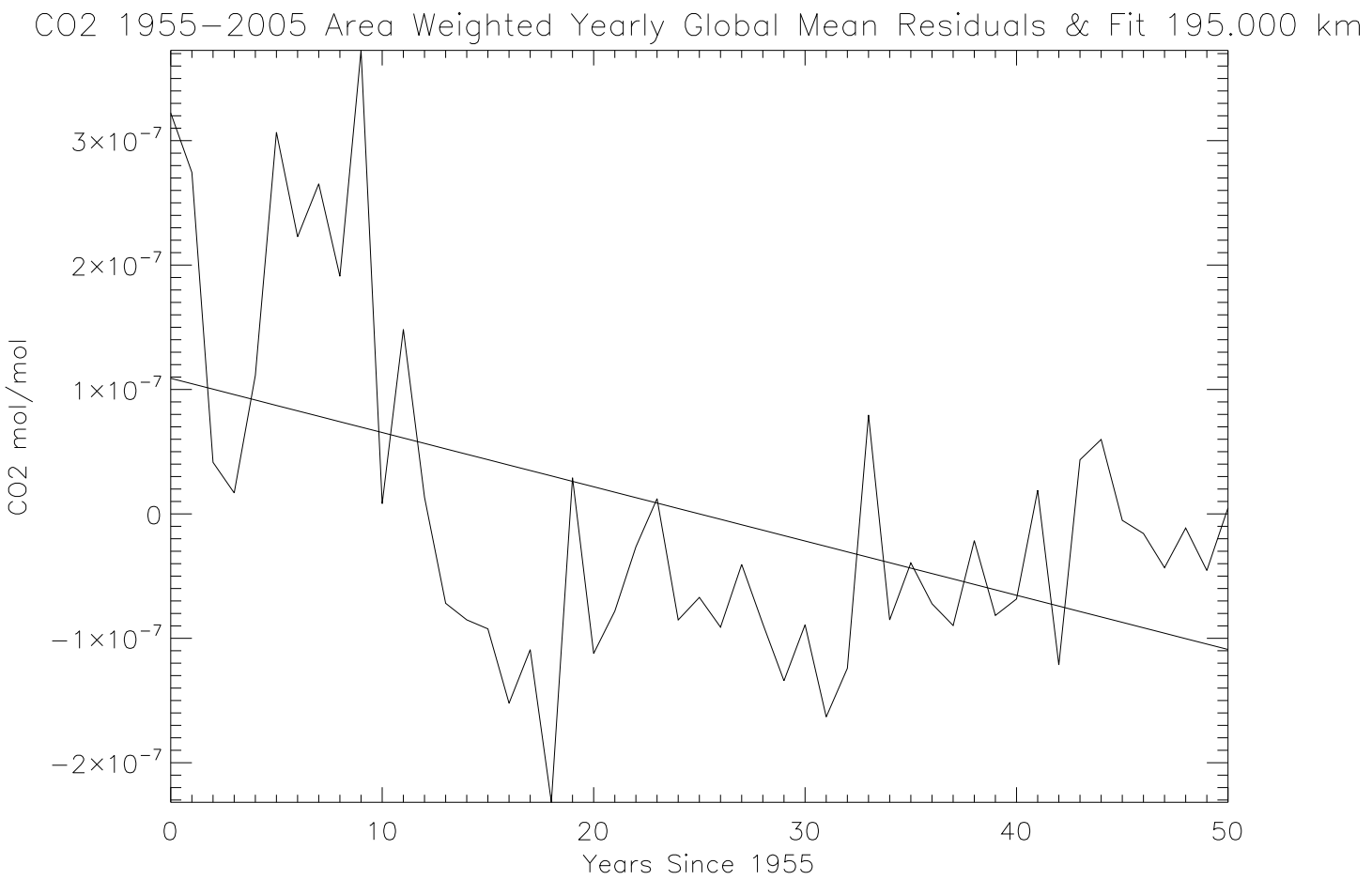

T 1970−2000 Area Weighted Yearly Global Mean Residuals & Fit 205.000 km
T (K)
20
0
−20
−40
0
5
10
15
20
25
30
Years Since 1970

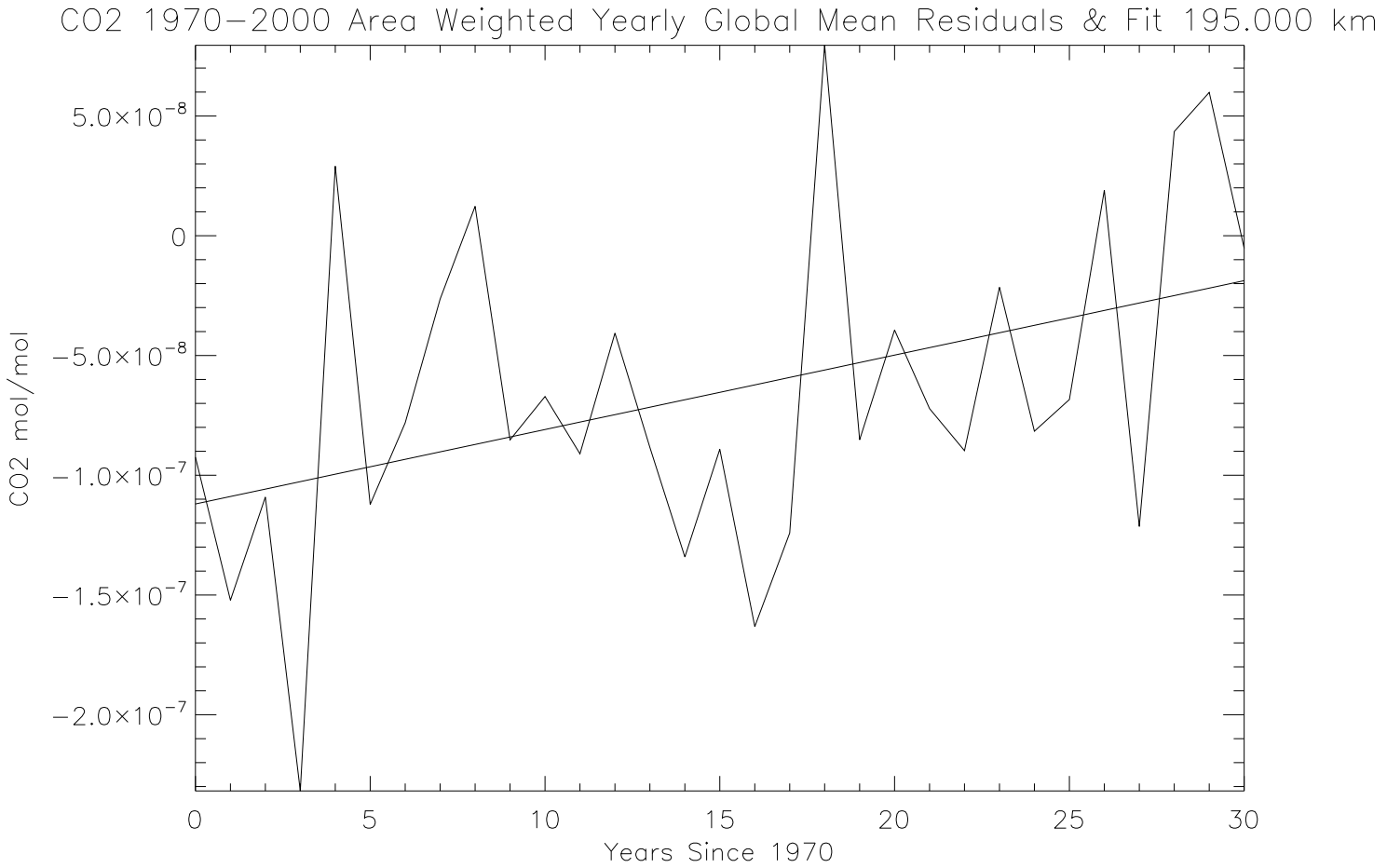

CO2 1955–2005 Area Weighted Yearly Global Mean Residuals & Fit 200.000 km
3×10⁻⁷
2×10⁻⁷
1×10⁻⁷
0
−1×10⁻⁷
CO2 mol/mol
0
10
20
30
40
50
Years Since 1955

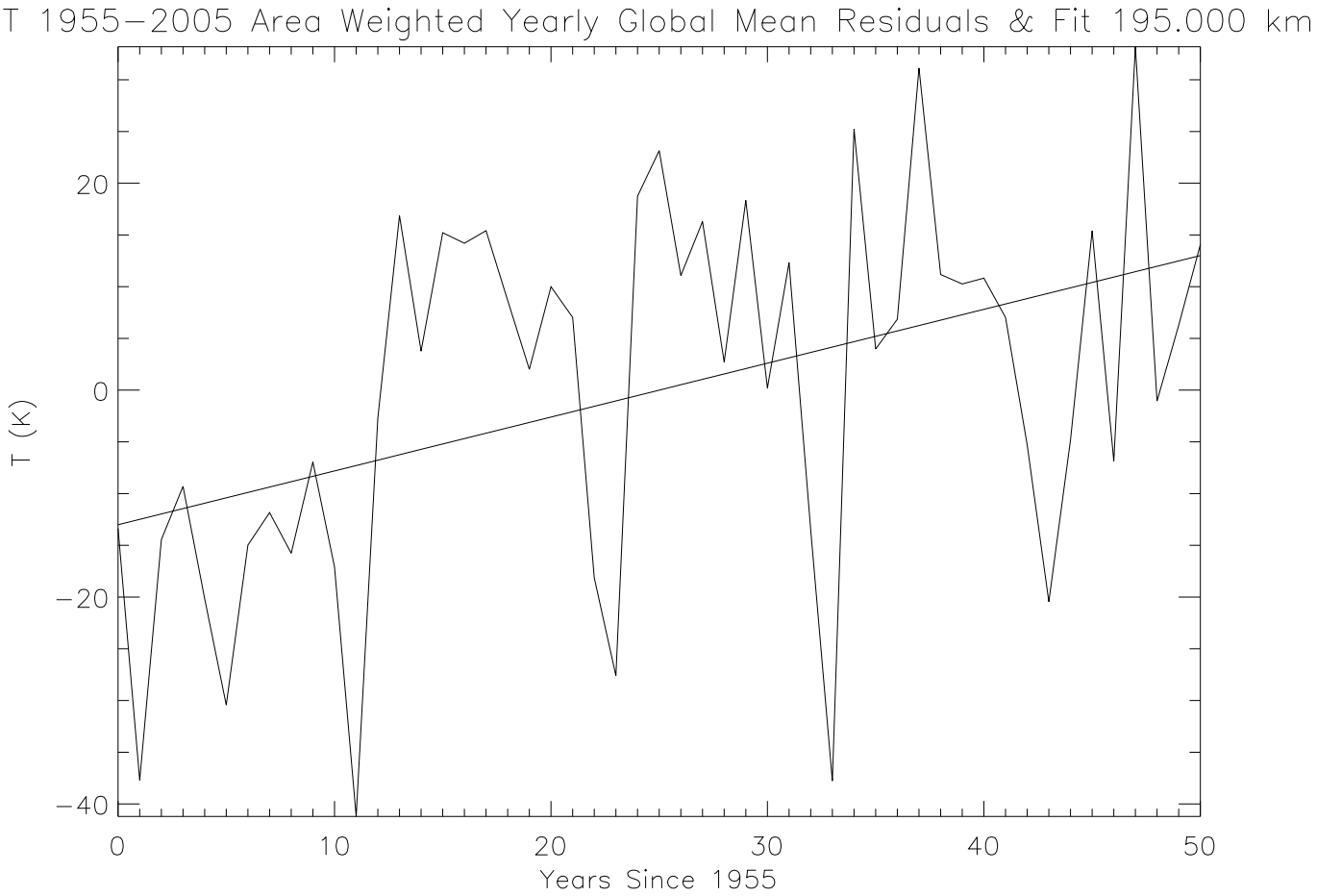

CO2 1970−2000 Area Weighted Yearly Global Mean Residuals & Fit 200.000 km
5.0×10−8
0
−5.0×10−8
−1.0×10−7
−1.5×10−7
CO2 mol/mol
0
5
10
15
20
25
30
Years Since 1970

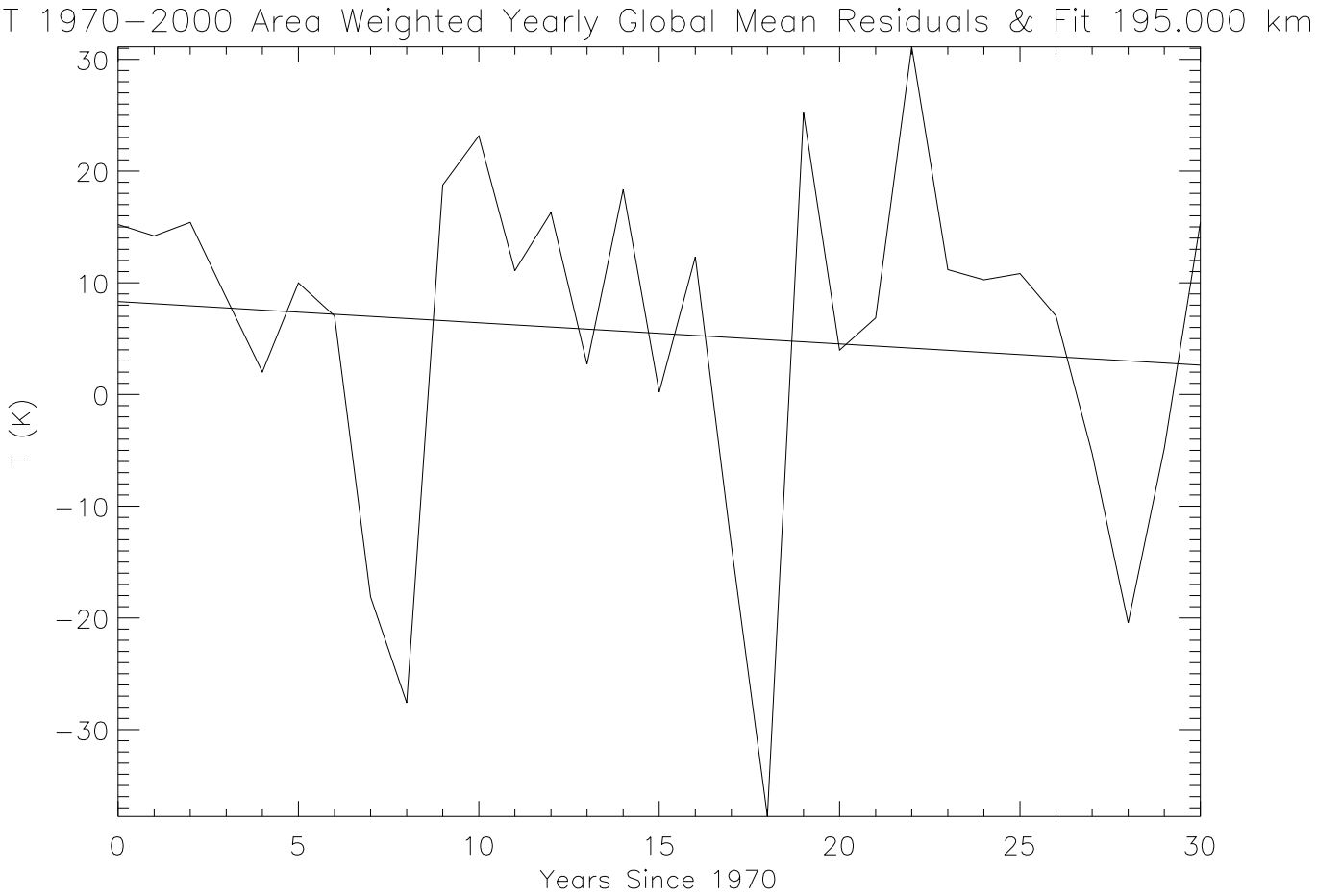

T 1955−2005 Area Weighted Yearly Global Mean Residuals & Fit 200.000 km
T (K)
20
0
−20
−40
0
10
20
30
40
50
Years Since 1955

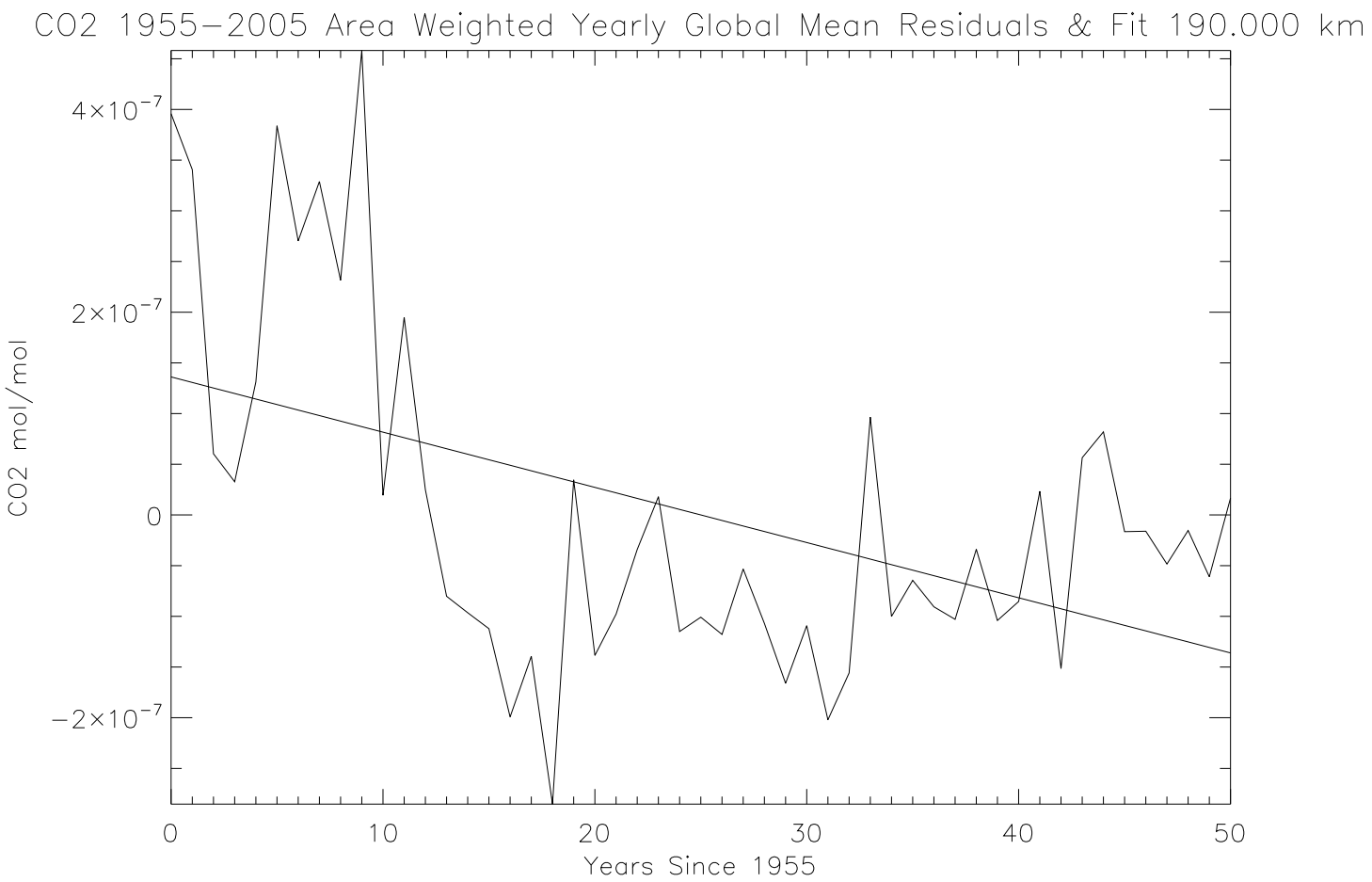

T 1970−2000 Area Weighted Yearly Global Mean Residuals & Fit 200.000 km
20
0
−20
T (K)
0
5
10
15
20
25
30
Years Since 1970

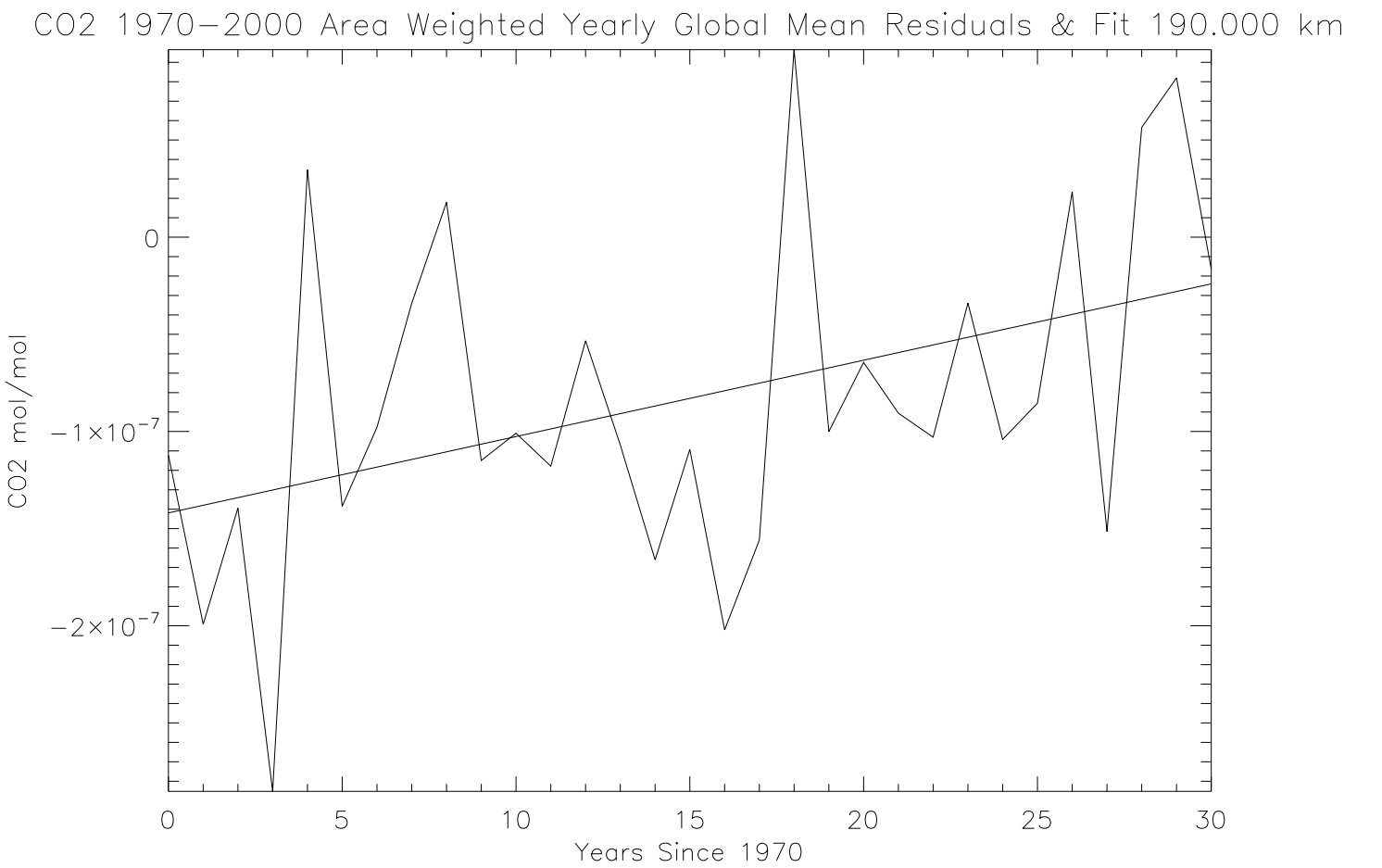

CO2 1955–2005 Area Weighted Yearly Global Mean Residuals & Fit 195.000 km
3×10⁻⁷
2×10⁻⁷
1×10⁻⁷
0
−1×10⁻⁷
−2×10⁻⁷
CO2 mol/mol
0
10
20
30
40
50
Years Since 1955

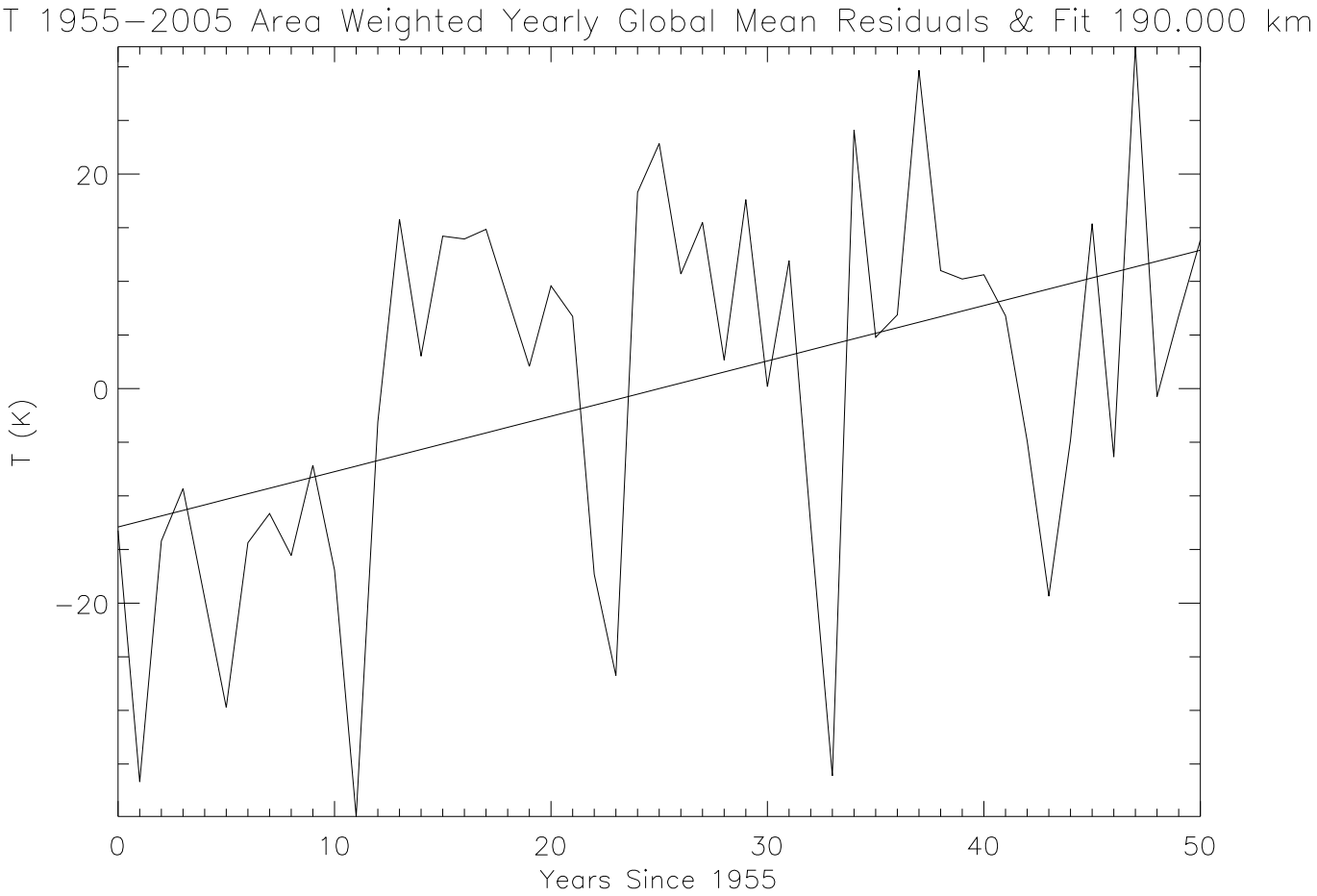

CO2 1970–2000 Area Weighted Yearly Global Mean Residuals & Fit 195.000 km
5.0×10⁻⁸
0
−5.0×10⁻⁸
−1.0×10⁻⁷
−1.5×10⁻⁷
−2.0×10⁻⁷
CO2 mol/mol
0
5
10
15
20
25
30
Years Since 1970

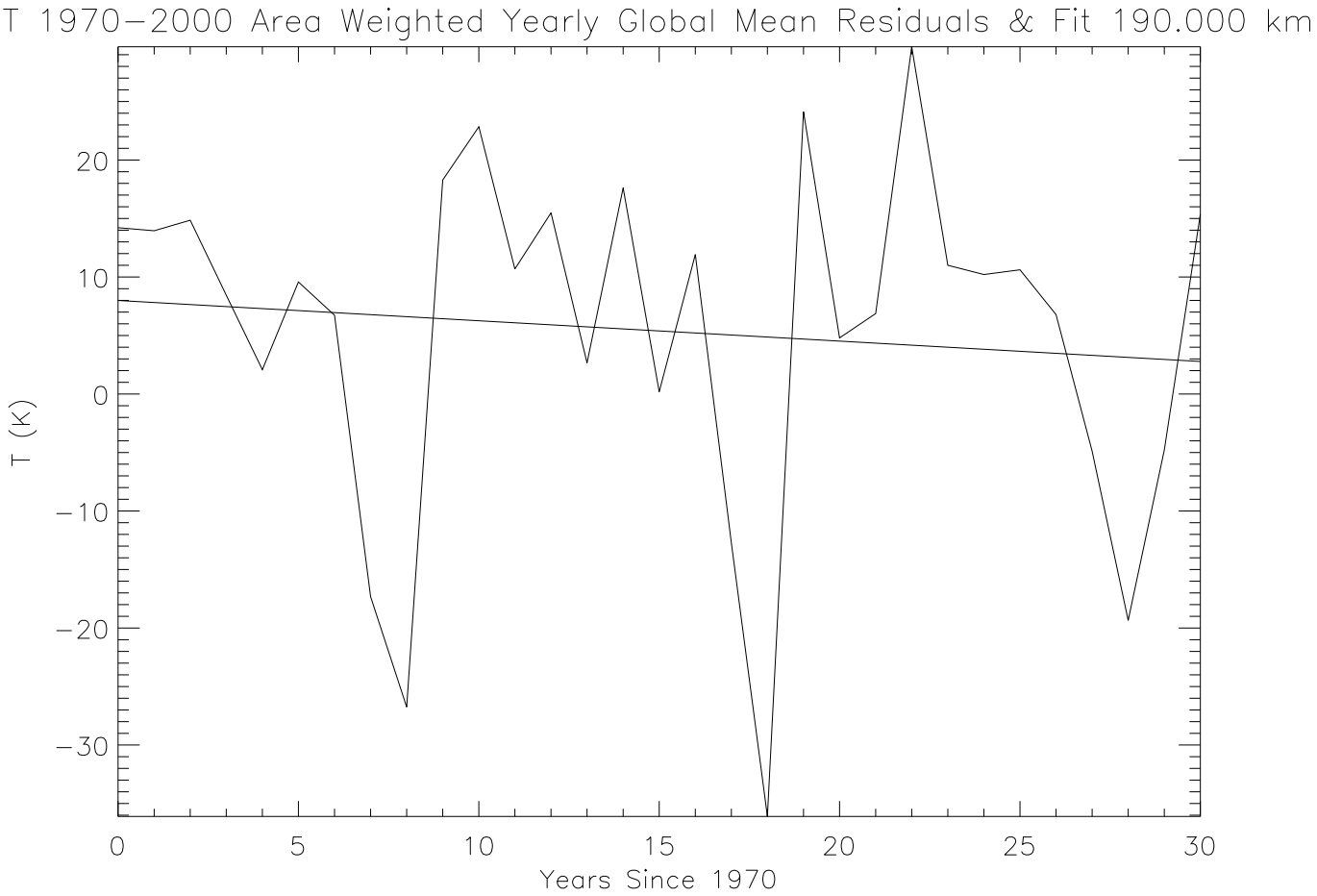

T 1955−2005 Area Weighted Yearly Global Mean Residuals & Fit 195.000 km
T (K)
20
0
−20
−40
0
10
20
30
40
50
Years Since 1955

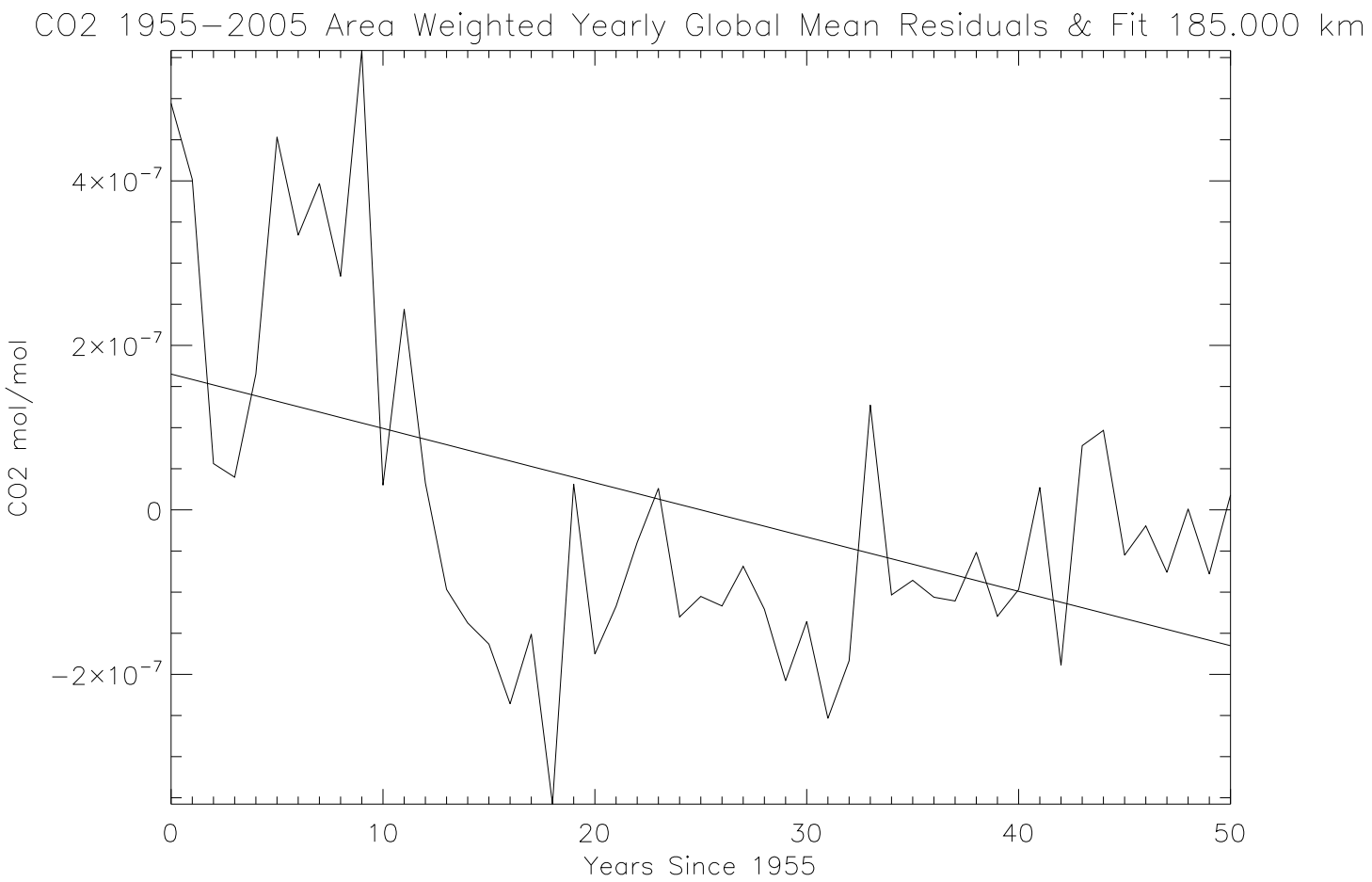

T 1970−2000 Area Weighted Yearly Global Mean Residuals & Fit 195.000 km
T (K)
30
20
10
0
−10
−20
−30
0
5
10
15
20
25
30
Years Since 1970

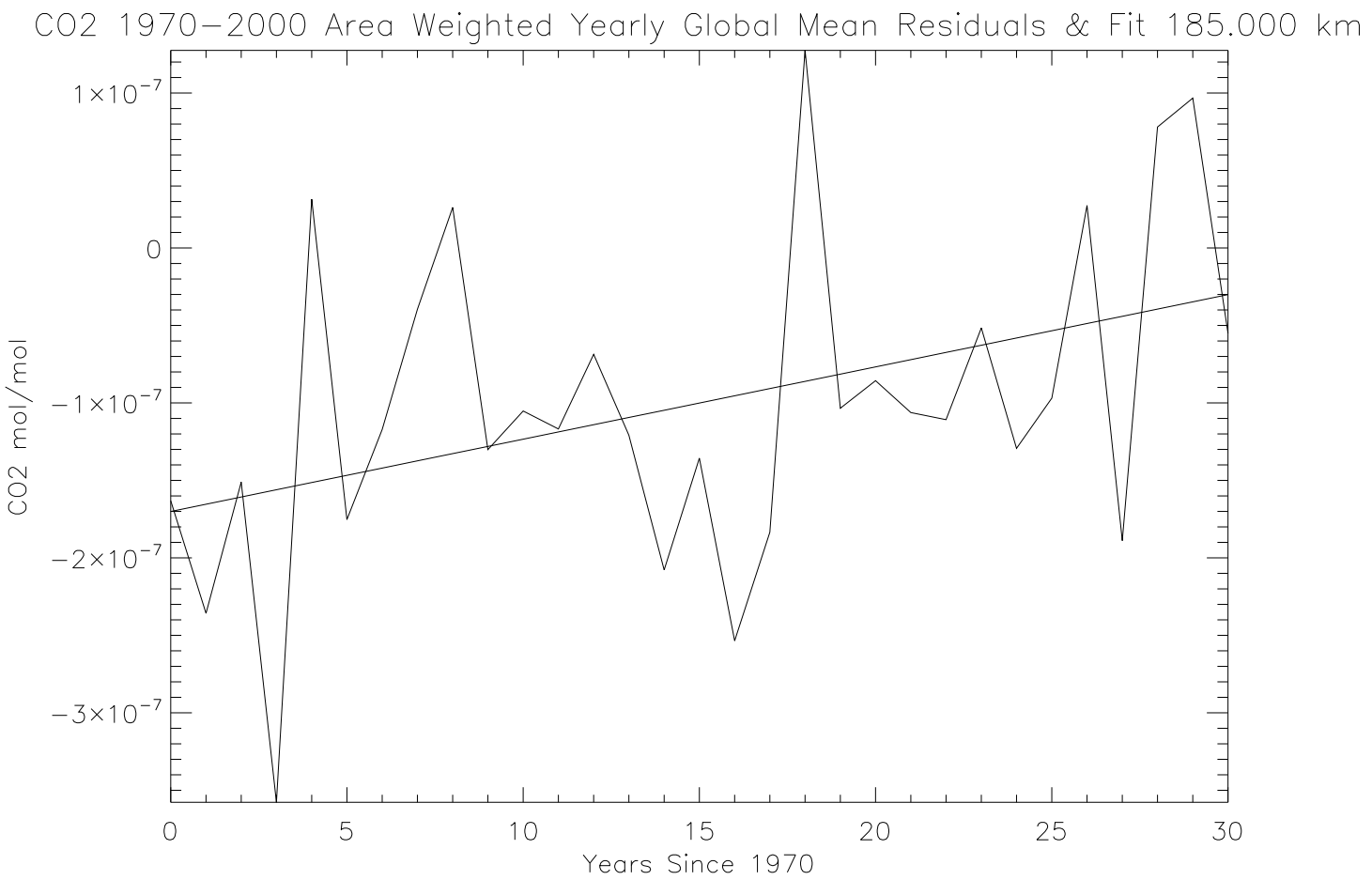

CO2 1955–2005 Area Weighted Yearly Global Mean Residuals & Fit 190.000 km
4×10⁻⁷
2×10⁻⁷
0
−2×10⁻⁷
CO2 mol/mol
0
10
20
30
40
50
Years Since 1955

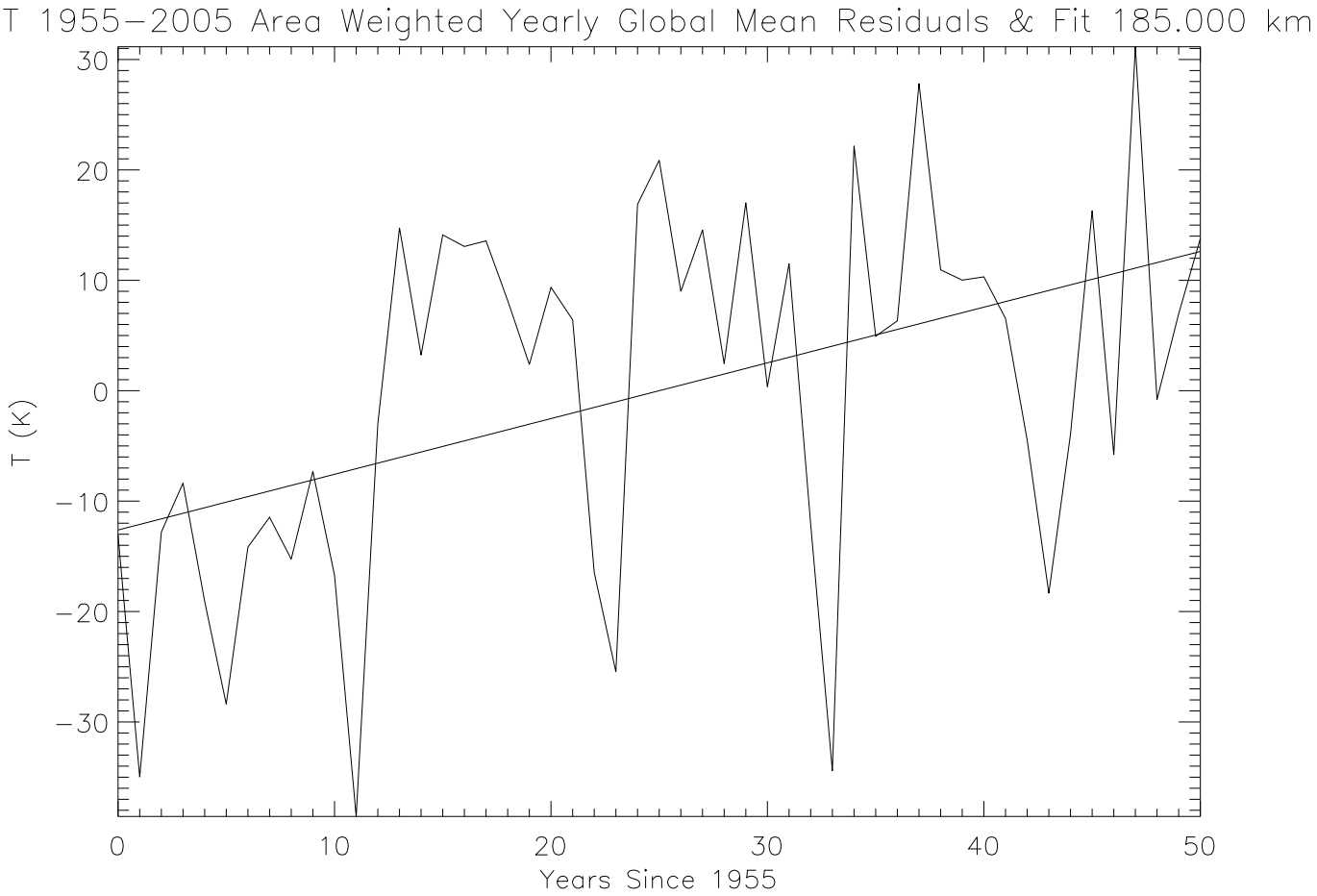

CO2 1970−2000 Area Weighted Yearly Global Mean Residuals & Fit 190.000 km
CO2 mol/mol
0
−1×10⁻⁷
−2×10⁻⁷
0
5
10
15
20
25
30
Years Since 1970

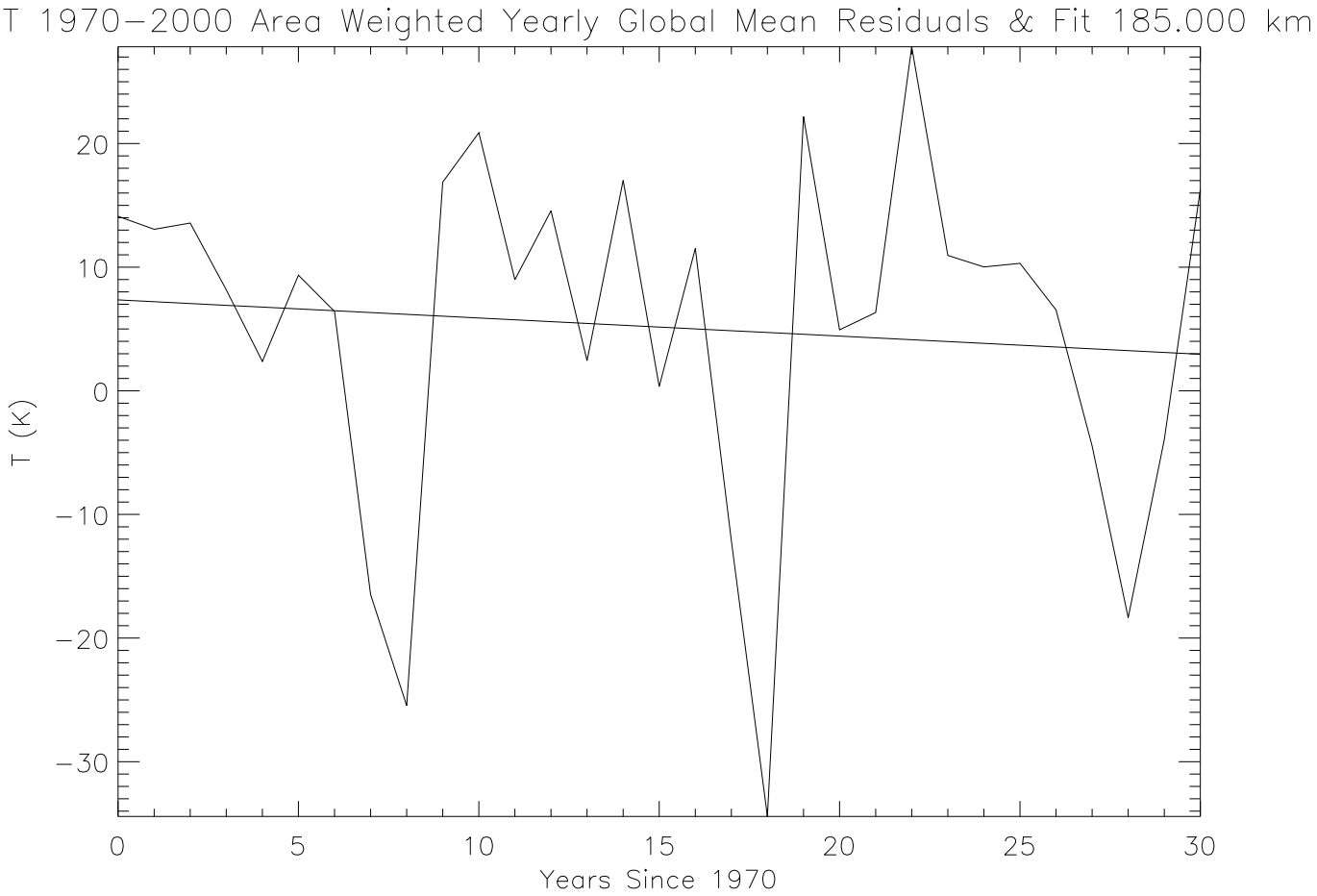

T 1955−2005 Area Weighted Yearly Global Mean Residuals & Fit 190.000 km
20
0
−20
T (K)
0
10
20
30
40
50
Years Since 1955

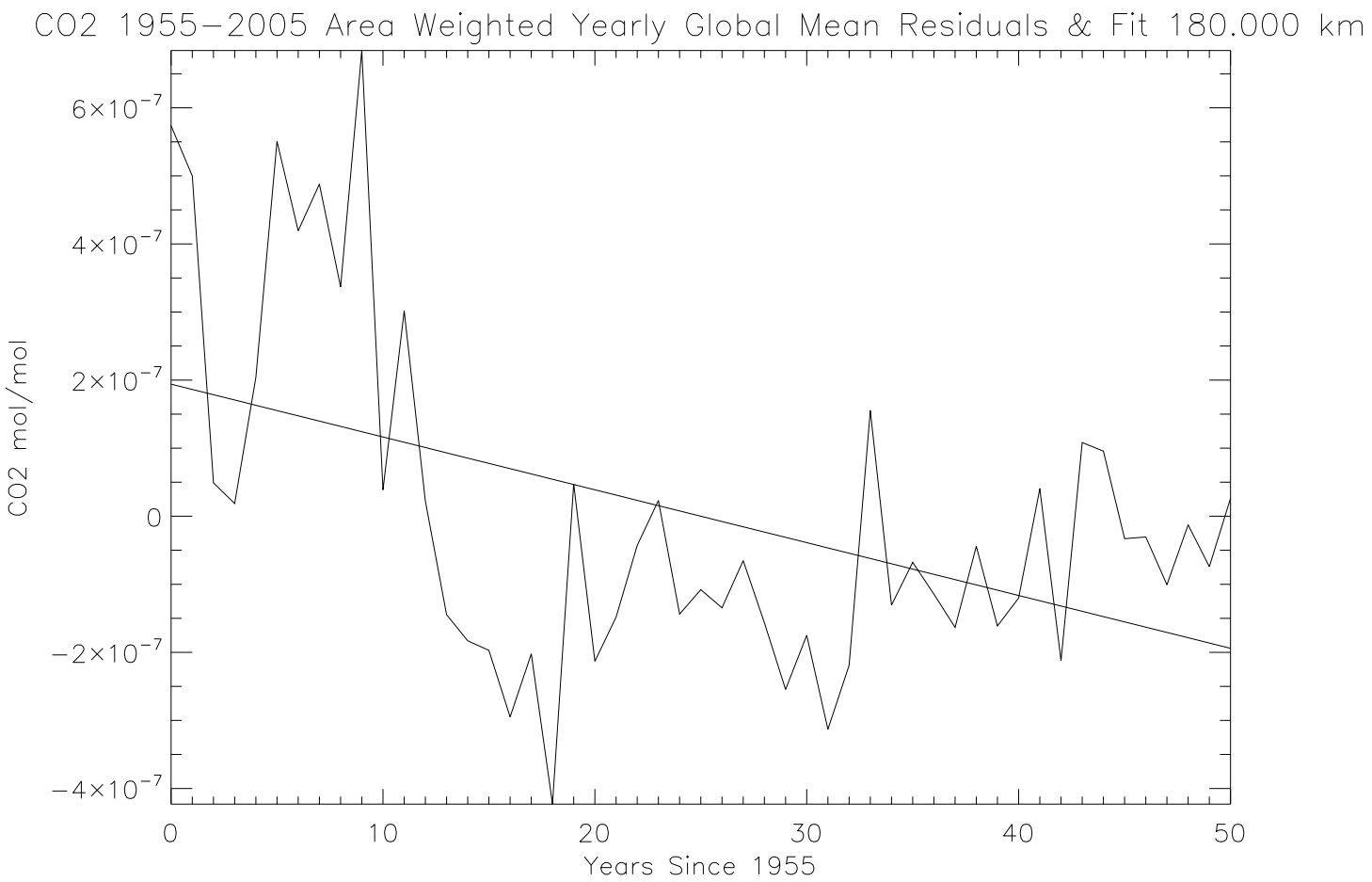

T 1970−2000 Area Weighted Yearly Global Mean Residuals & Fit 190.000 km
T (K)
20
10
0
−10
−20
−30
0
5
10
15
20
25
30
Years Since 1970

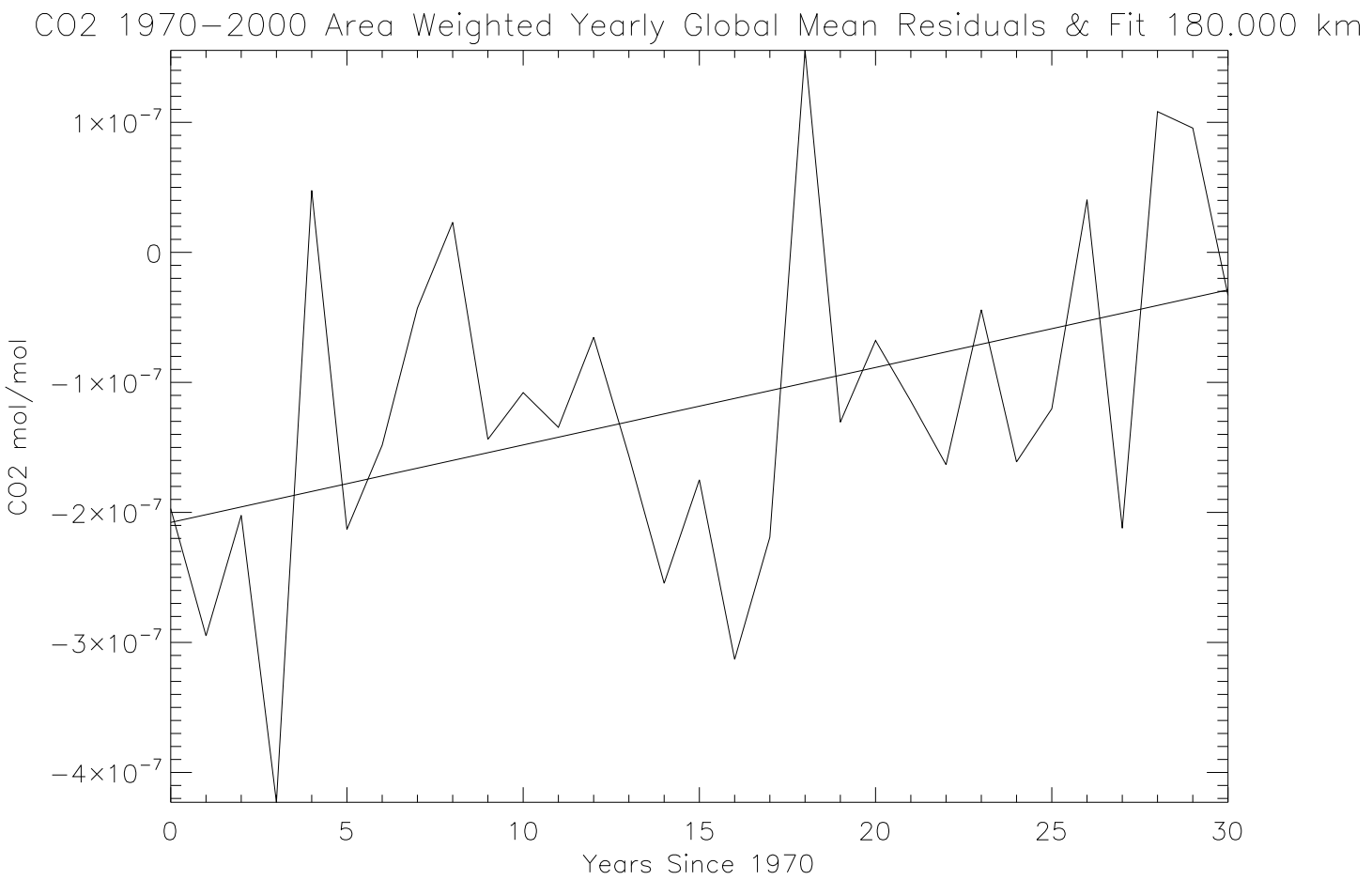

CO2 1955–2005 Area Weighted Yearly Global Mean Residuals & Fit 185.000 km
4×10⁻⁷
2×10⁻⁷
0
−2×10⁻⁷
CO2 mol/mol
0
10
20
30
40
50
Years Since 1955

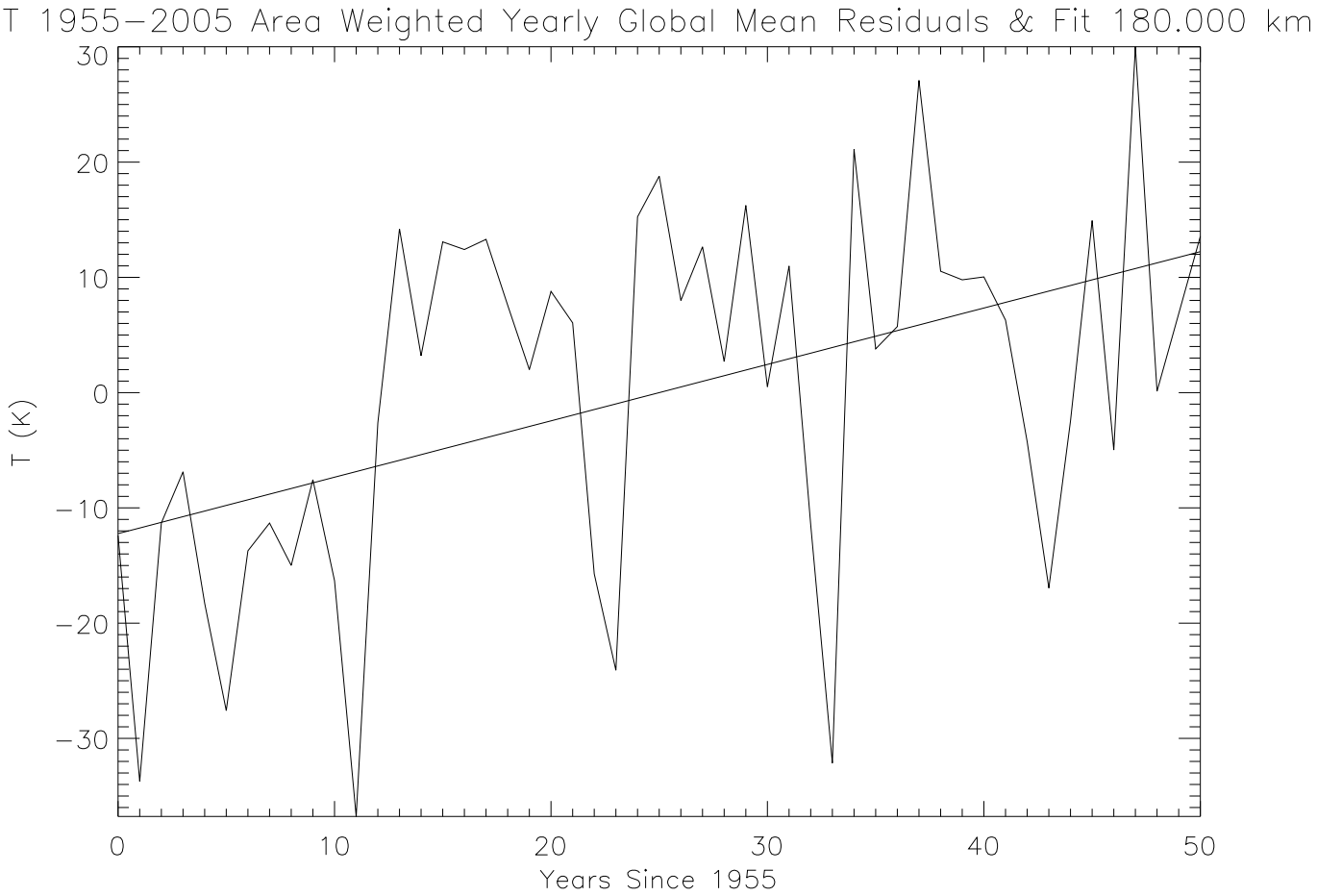

CO2 1970−2000 Area Weighted Yearly Global Mean Residuals & Fit 185.000 km
1×10⁻⁷
0
−1×10⁻⁷
−2×10⁻⁷
−3×10⁻⁷
CO2 mol/mol
0
5
10
15
20
25
30
Years Since 1970

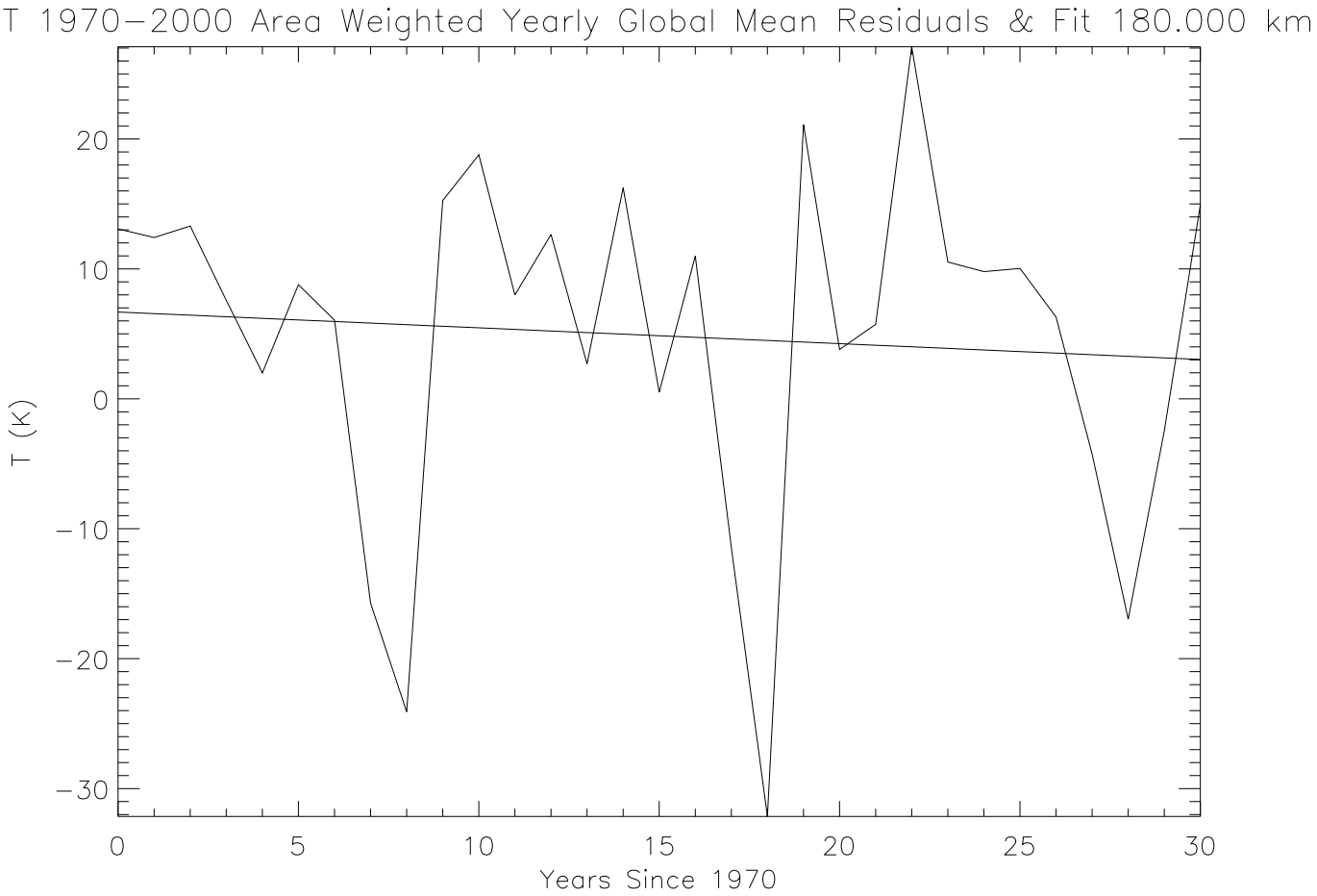

T 1955–2005 Area Weighted Yearly Global Mean Residuals & Fit 185.000 km
T (K)
30
20
10
0
−10
−20
−30
0
10
20
30
40
50
Years Since 1955

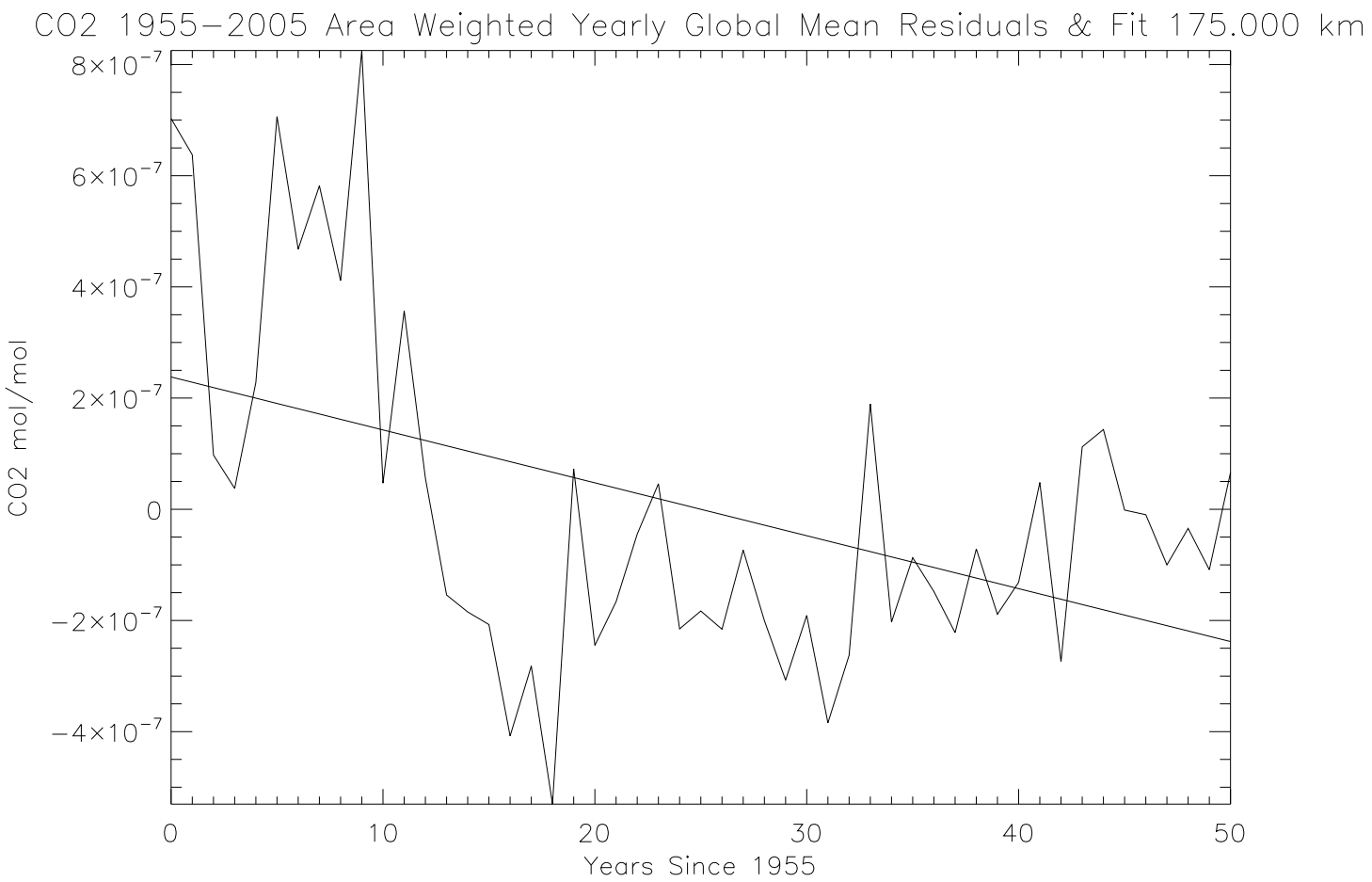

T 1970−2000 Area Weighted Yearly Global Mean Residuals & Fit 185.000 km
T (K)
20
10
0
−10
−20
−30
0
5
10
15
20
25
30
Years Since 1970

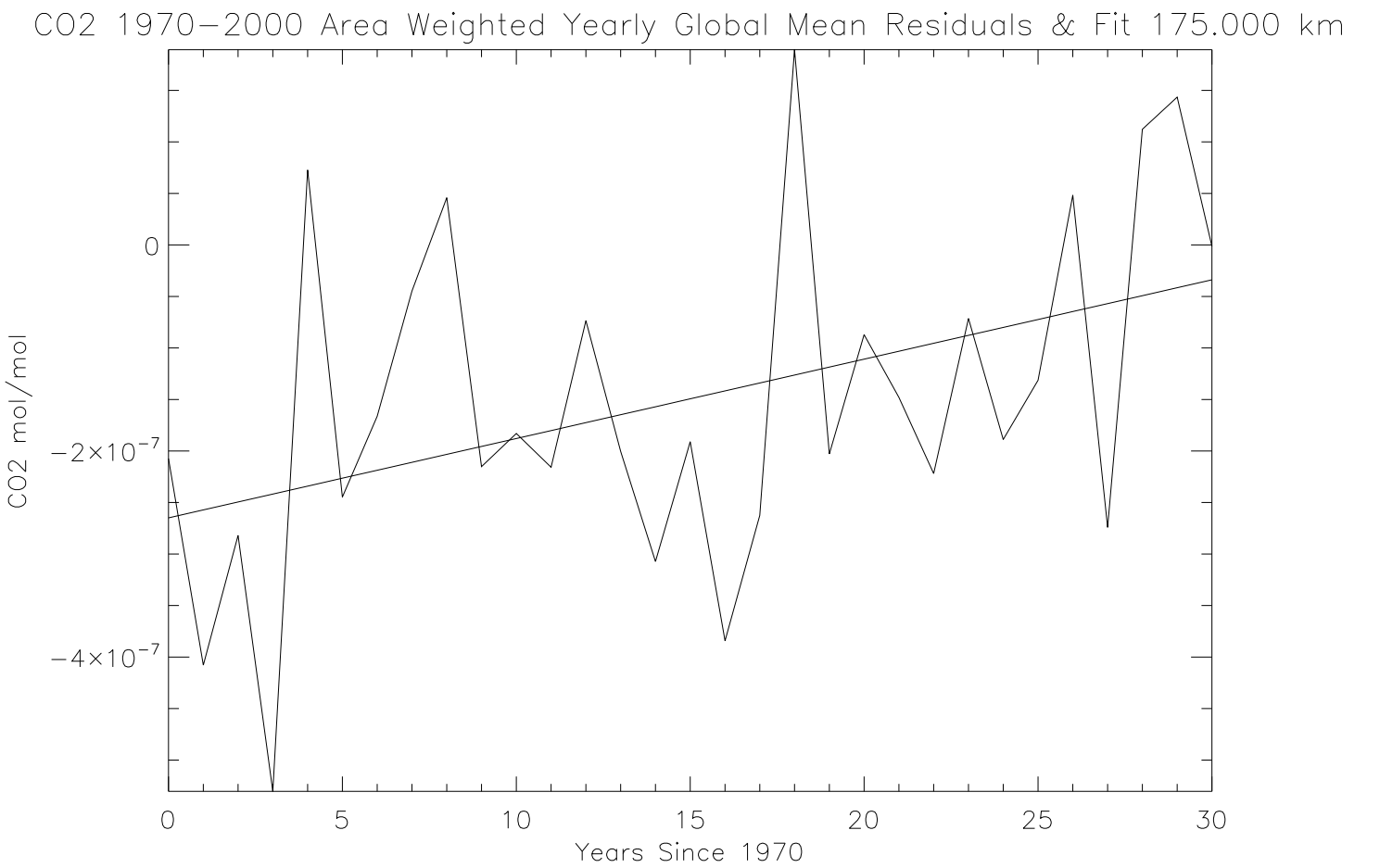

CO2 1955–2005 Area Weighted Yearly Global Mean Residuals & Fit 180.000 km
6×10⁻⁷
4×10⁻⁷
2×10⁻⁷
0
−2×10⁻⁷
−4×10⁻⁷
CO2 mol/mol
0
10
20
30
40
50
Years Since 1955

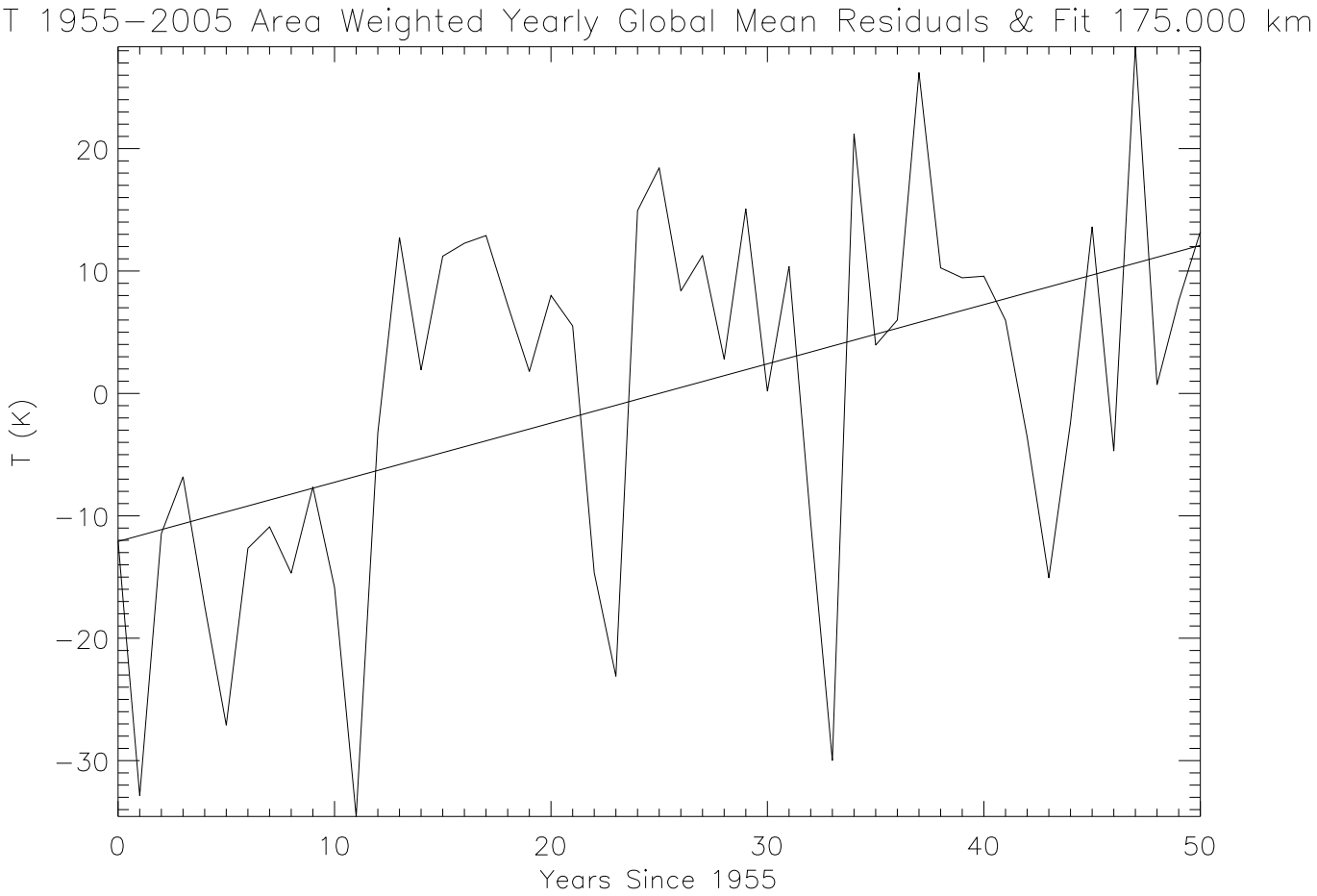

CO2 1970−2000 Area Weighted Yearly Global Mean Residuals & Fit 180.000 km
1×10⁻⁷
0
−1×10⁻⁷
−2×10⁻⁷
−3×10⁻⁷
−4×10⁻⁷
CO2 mol/mol
0
5
10
15
20
25
30
Years Since 1970

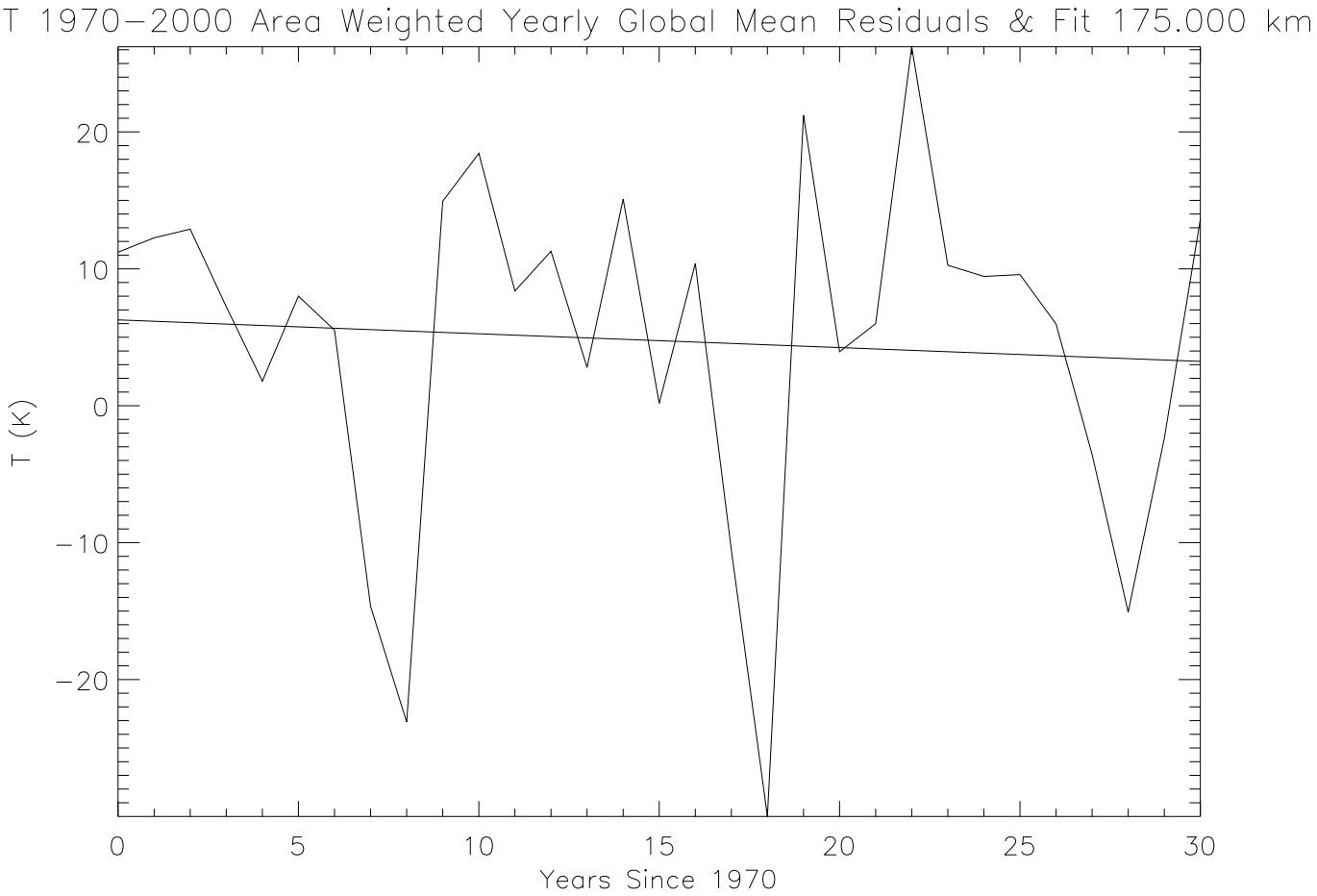

T 1955−2005 Area Weighted Yearly Global Mean Residuals & Fit 180.000 km
T (K)
30
20
10
0
−10
−20
−30
0
10
20
30
40
50
Years Since 1955

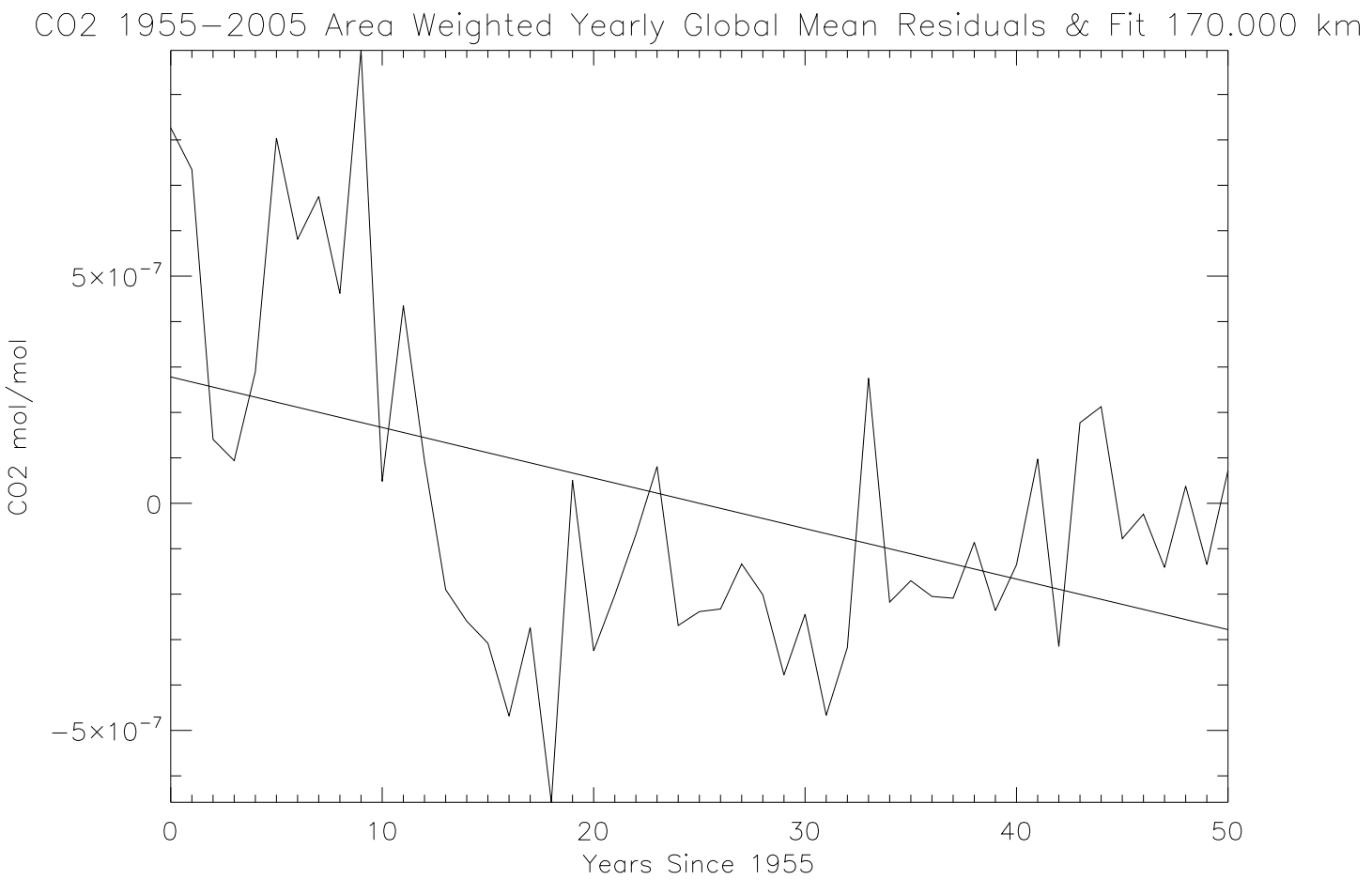

T 1970−2000 Area Weighted Yearly Global Mean Residuals & Fit 180.000 km
T (K)
20
10
0
−10
−20
−30
0
5
10
15
20
25
30
Years Since 1970

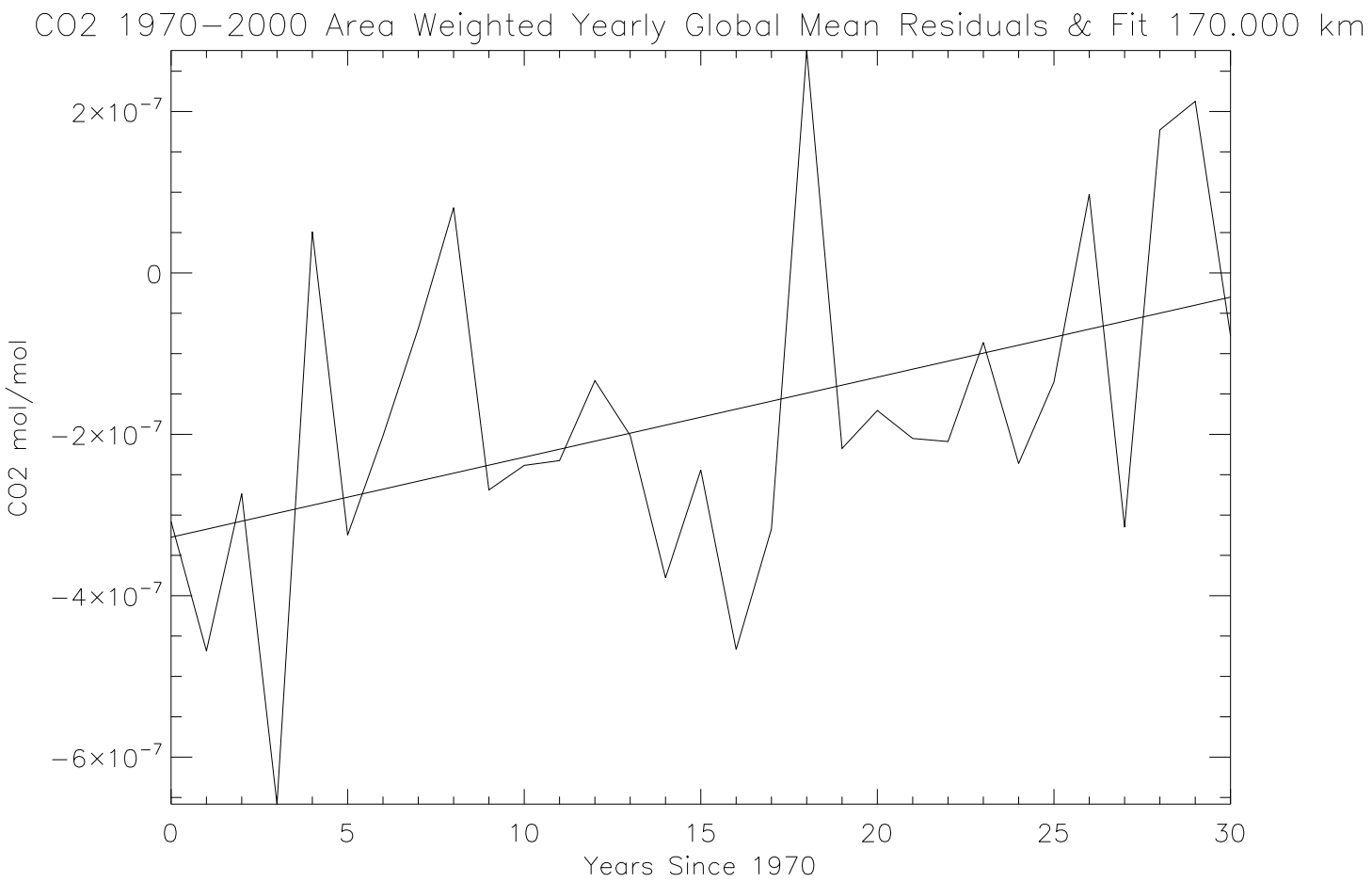

CO2 1955–2005 Area Weighted Yearly Global Mean Residuals & Fit 175.000 km
8×10⁻⁷
6×10⁻⁷
4×10⁻⁷
2×10⁻⁷
0
−2×10⁻⁷
−4×10⁻⁷
CO2 mol/mol
0
10
20
30
40
50
Years Since 1955

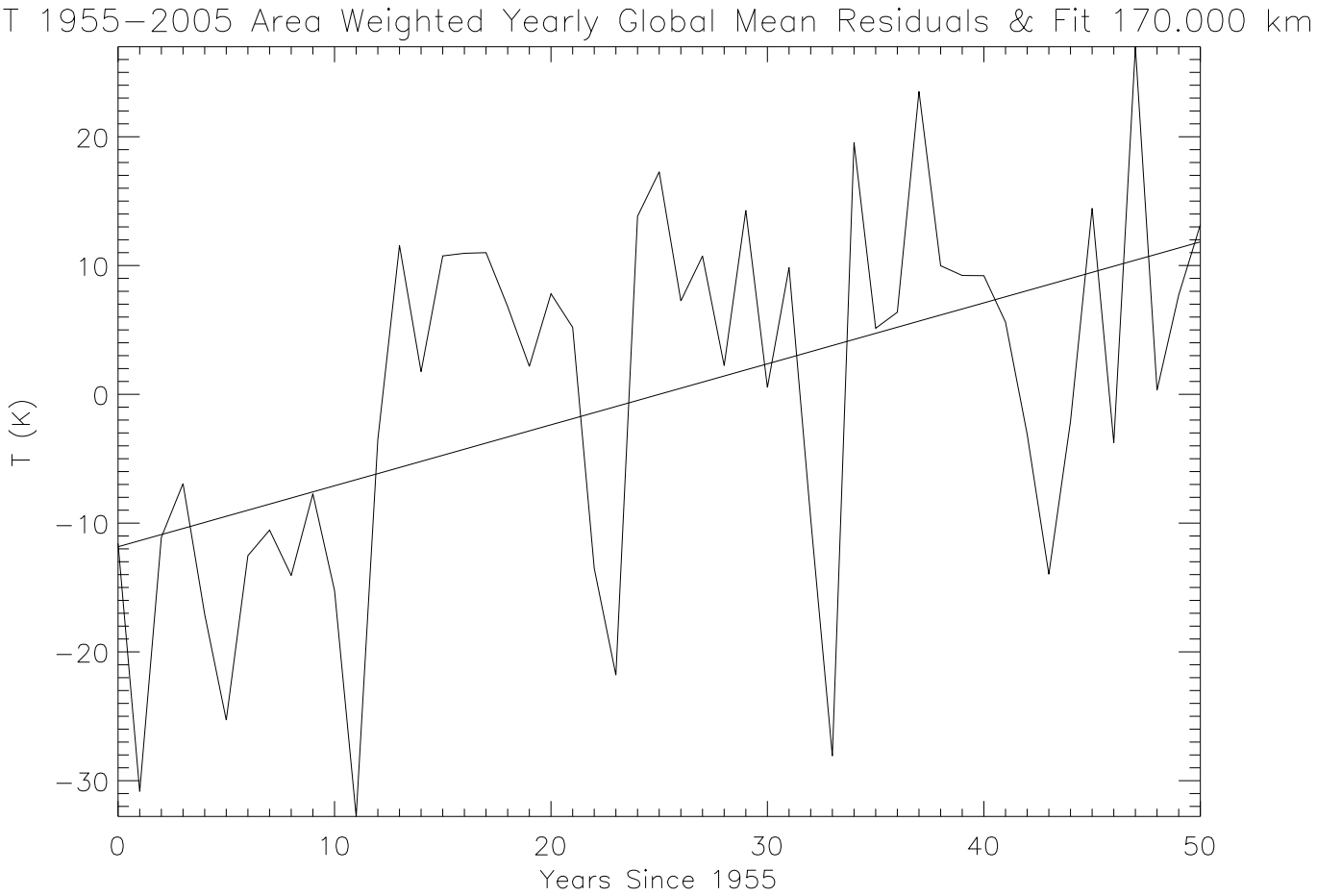

CO2 1970–2000 Area Weighted Yearly Global Mean Residuals & Fit 175.000 km
CO2 mol/mol
0
−2×10⁻⁷
−4×10⁻⁷
0
5
10
15
20
25
30
Years Since 1970

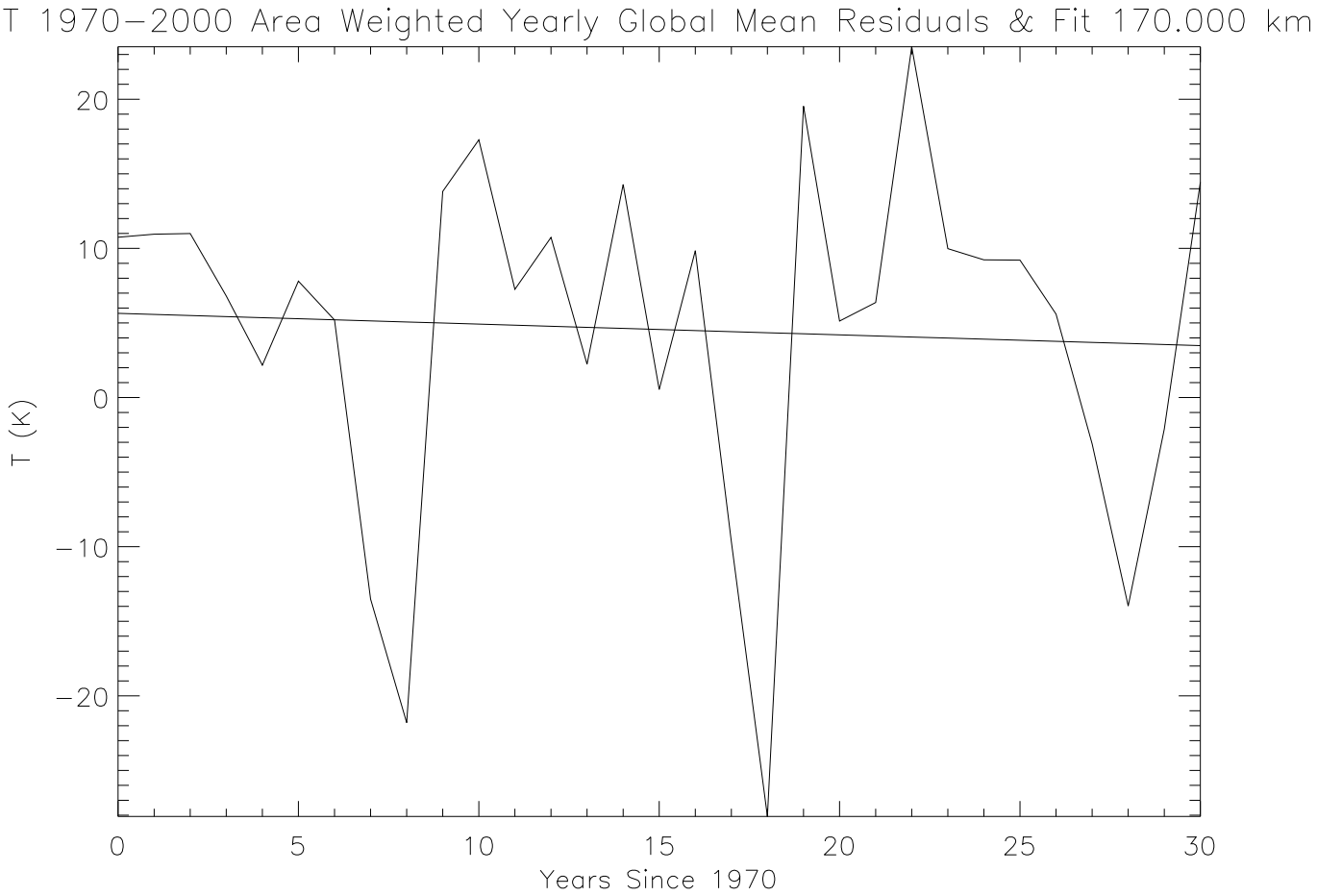

T 1955−2005 Area Weighted Yearly Global Mean Residuals & Fit 175.000 km
T (K)
20
10
0
−10
−20
−30
0
10
20
30
40
50
Years Since 1955

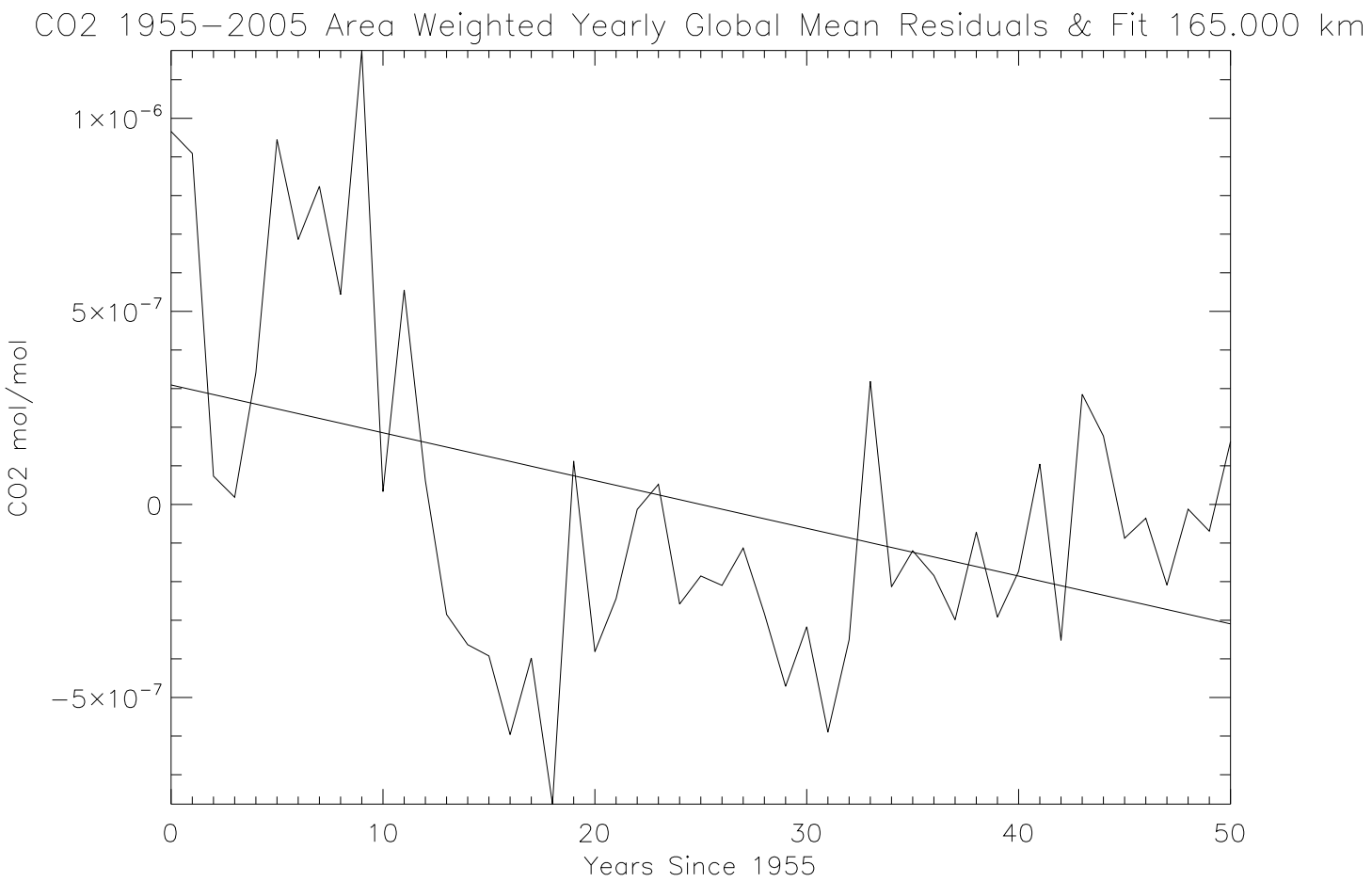

T 1970−2000 Area Weighted Yearly Global Mean Residuals & Fit 175.000 km
T (K)
20
10
0
−10
−20
0
5
10
15
20
25
30
Years Since 1970

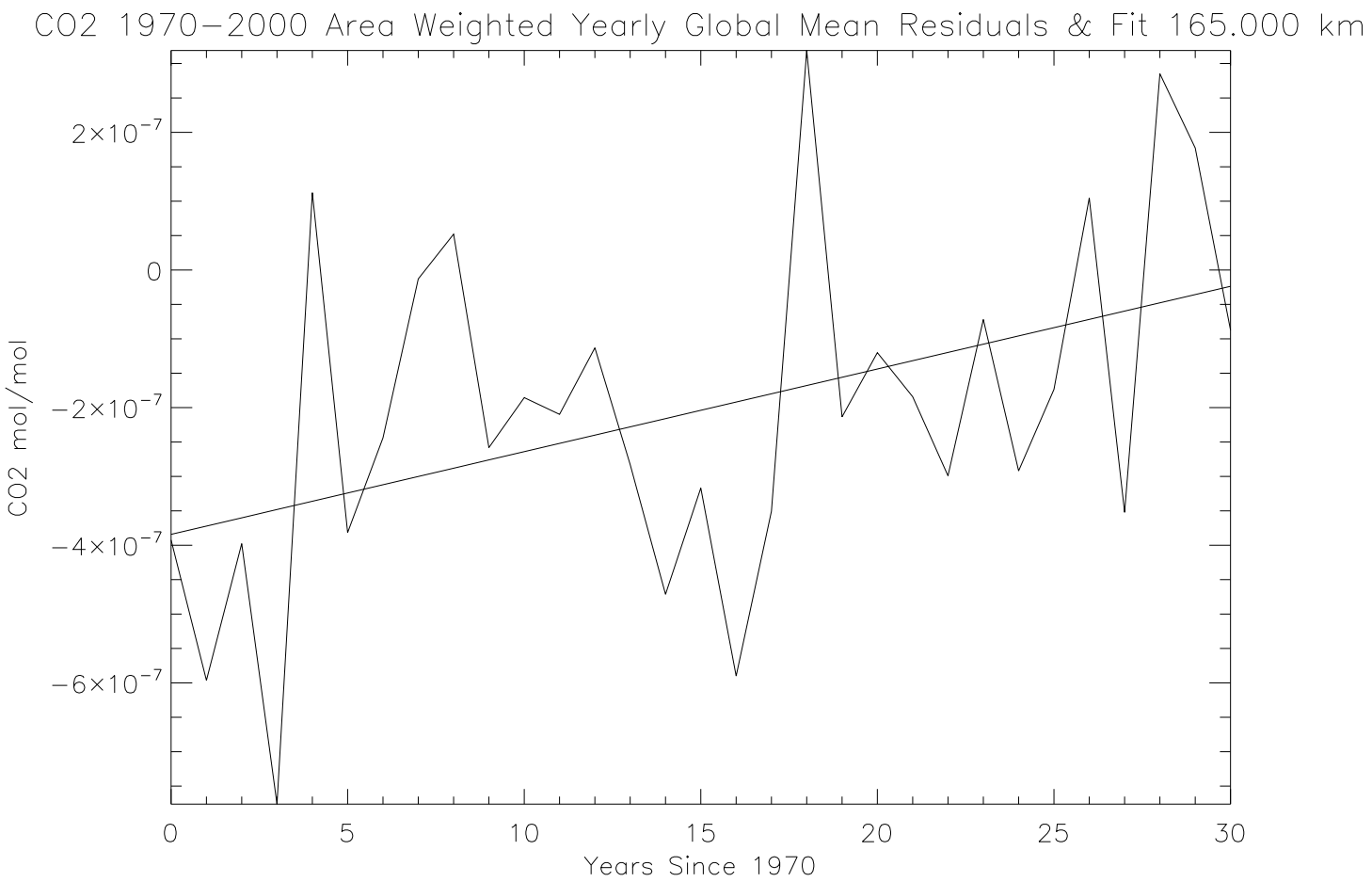

CO2 1955–2005 Area Weighted Yearly Global Mean Residuals & Fit 170.000 km
CO2 mol/mol
5×10⁻⁷
0
−5×10⁻⁷
0
10
20
30
40
50
Years Since 1955

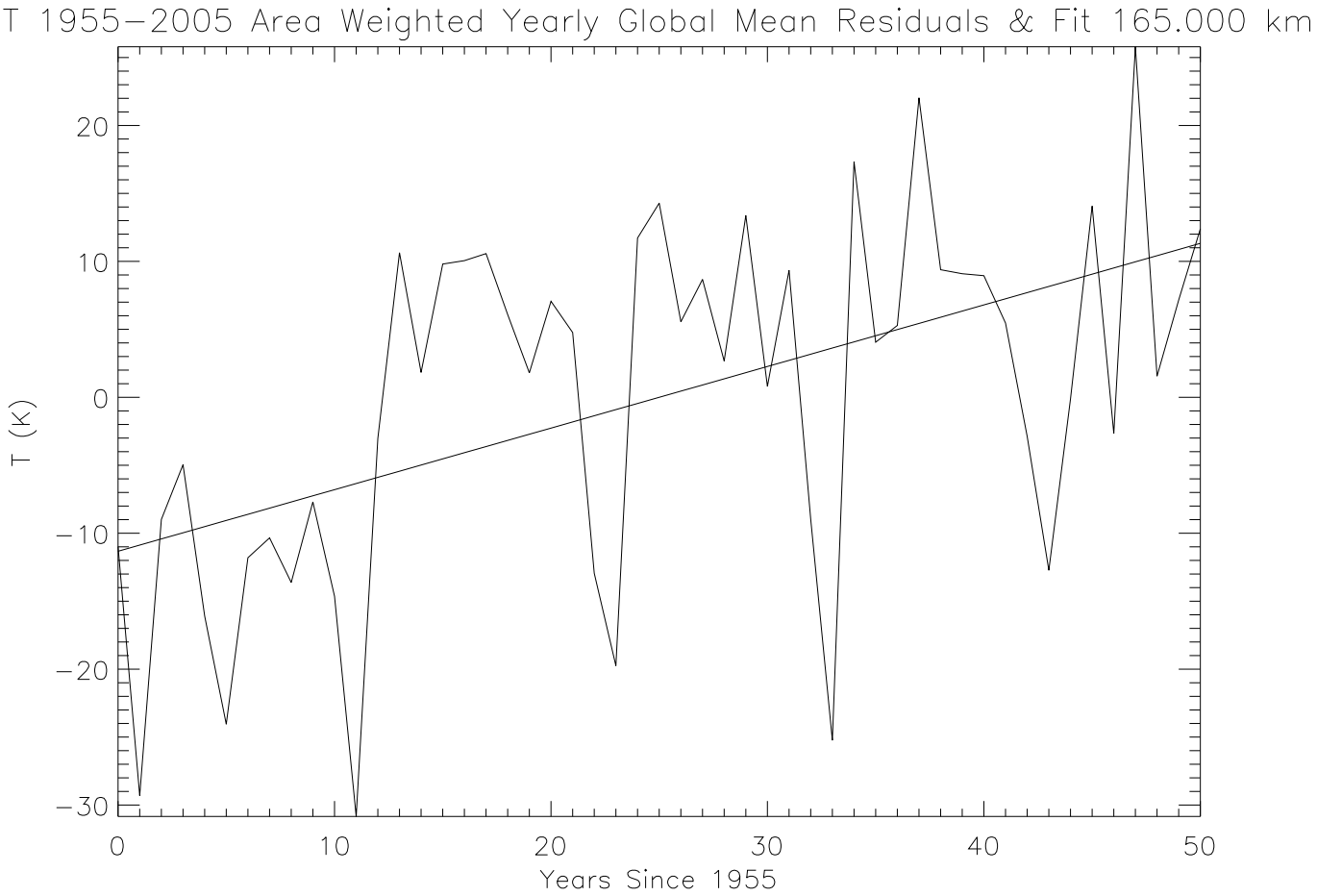

CO2 1970–2000 Area Weighted Yearly Global Mean Residuals & Fit 170.000 km
2×10⁻⁷
0
−2×10⁻⁷
−4×10⁻⁷
−6×10⁻⁷
CO2 mol/mol
0
5
10
15
20
25
30
Years Since 1970

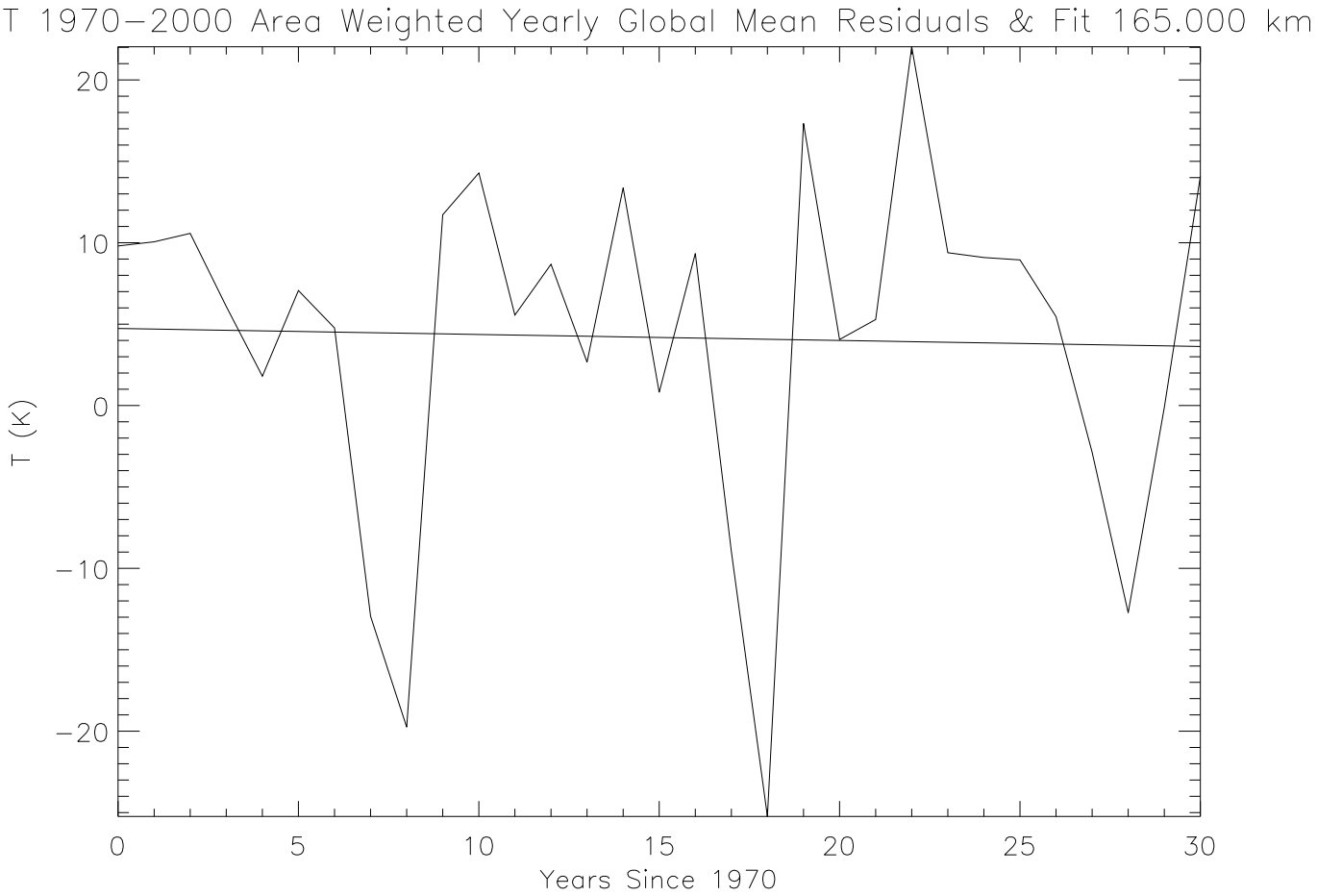

T 1955−2005 Area Weighted Yearly Global Mean Residuals & Fit 170.000 km
T (K)
20
10
0
−10
−20
−30
0
10
20
30
40
50
Years Since 1955

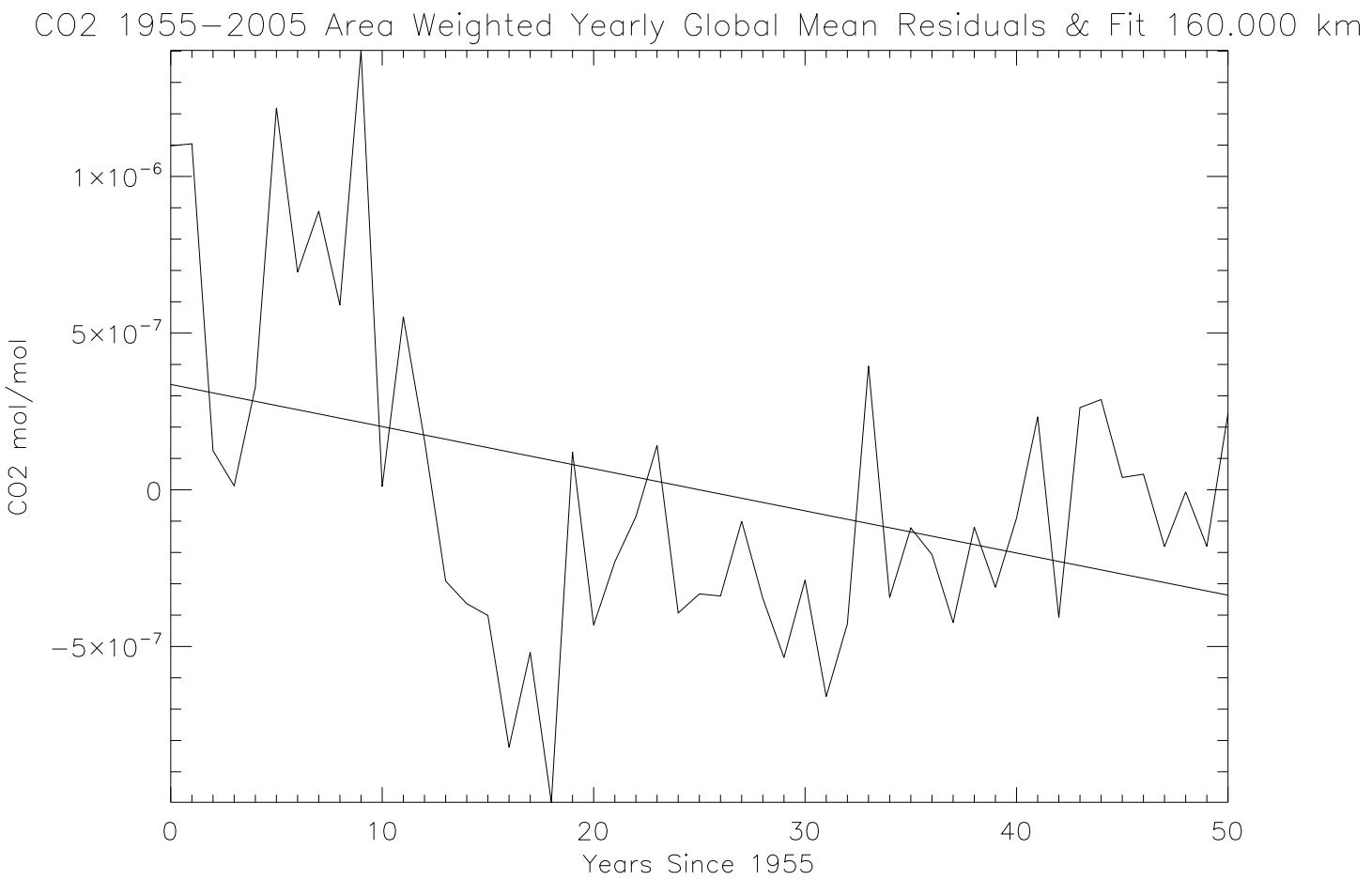

T 1970−2000 Area Weighted Yearly Global Mean Residuals & Fit 170.000 km
T (K)
20
10
0
−10
−20
0
5
10
15
20
25
30
Years Since 1970

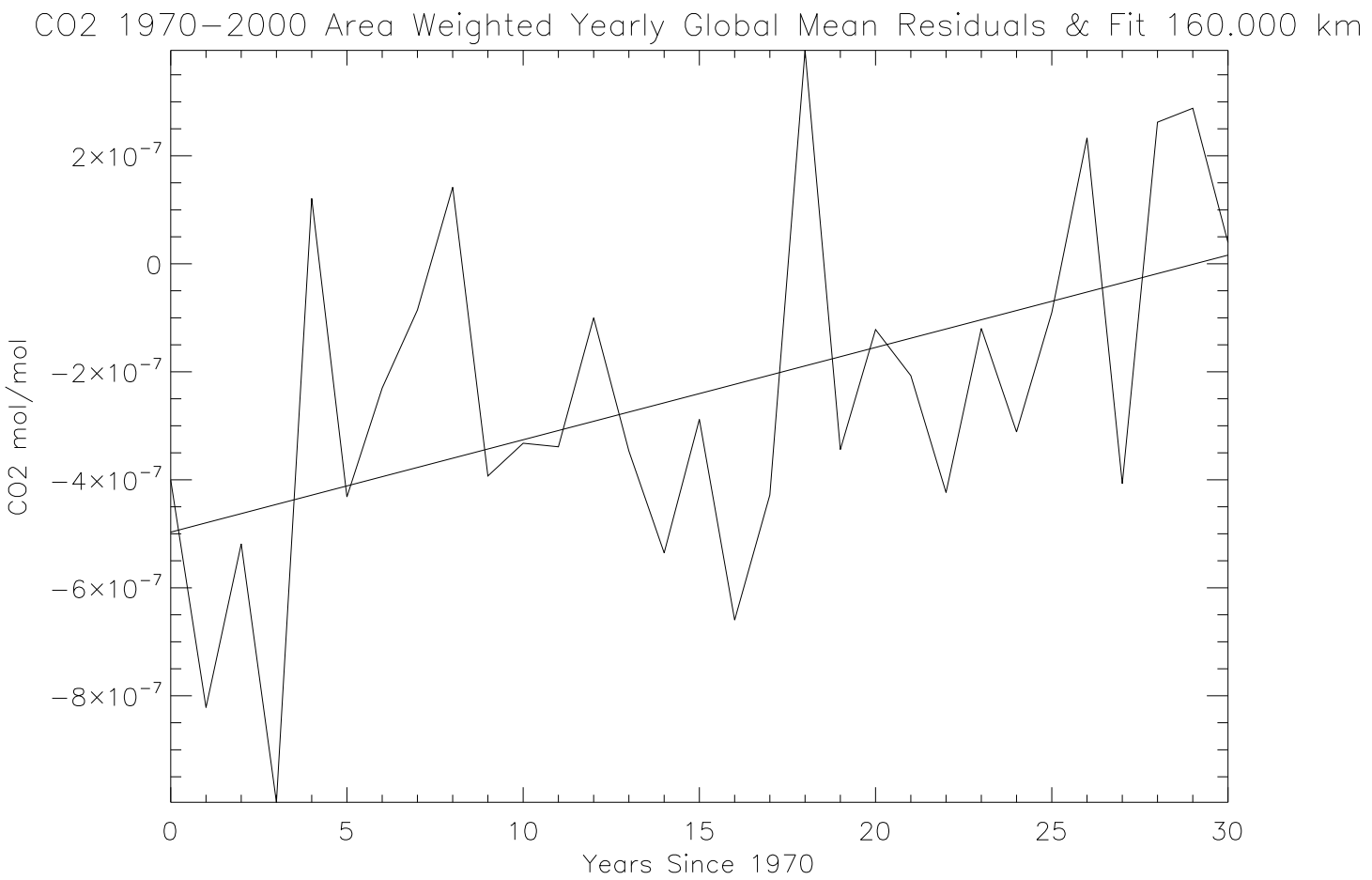

CO2 1955–2005 Area Weighted Yearly Global Mean Residuals & Fit 165.000 km
1×10⁻⁶
5×10⁻⁷
0
−5×10⁻⁷
CO2 mol/mol
0
10
20
30
40
50
Years Since 1955

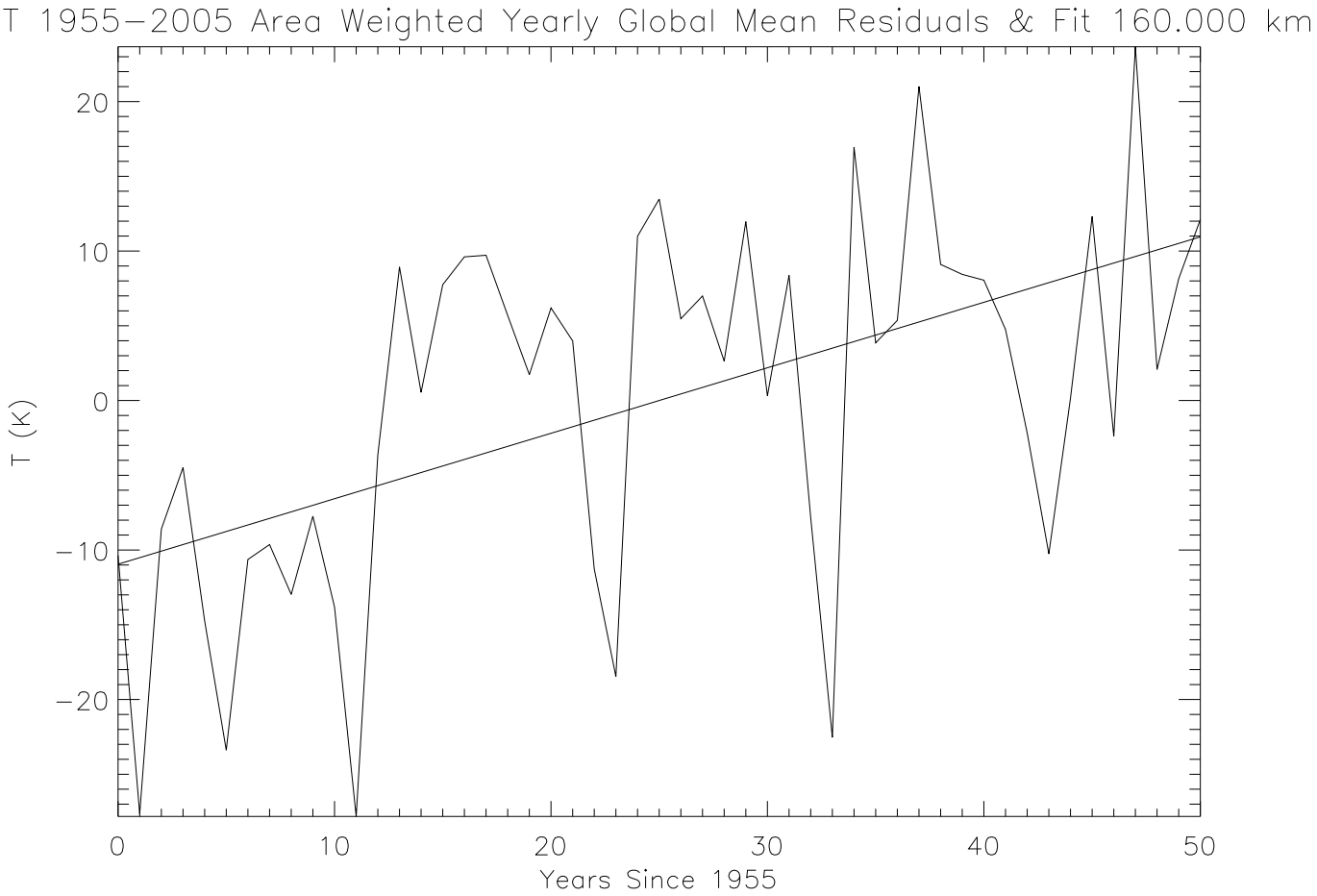

CO2 1970−2000 Area Weighted Yearly Global Mean Residuals & Fit 165.000 km
2×10⁻⁷
0
−2×10⁻⁷
−4×10⁻⁷
−6×10⁻⁷
CO2 mol/mol
0
5
10
15
20
25
30
Years Since 1970

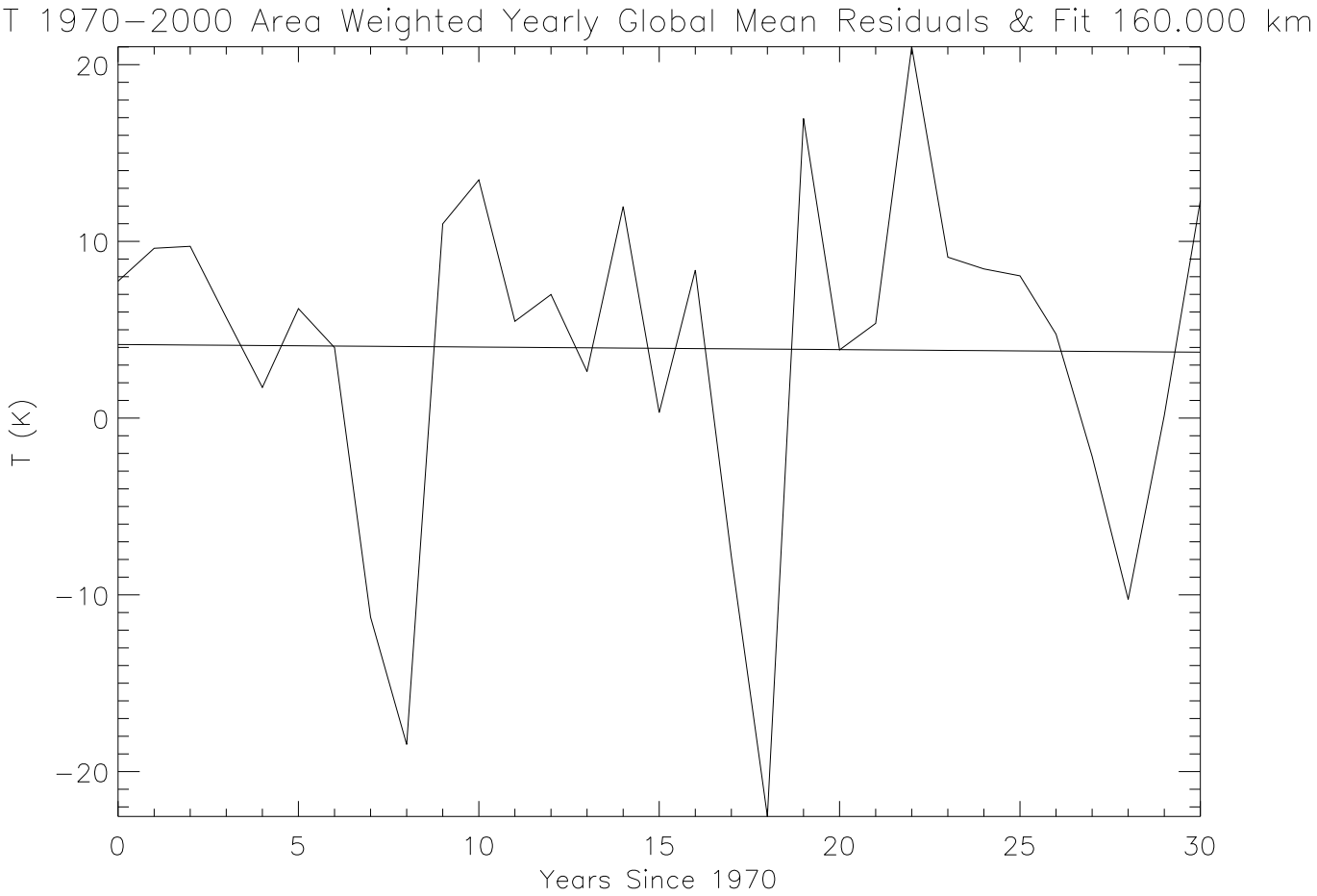

T 1955−2005 Area Weighted Yearly Global Mean Residuals & Fit 165.000 km
T (K)
20
10
0
−10
−20
−30
0
10
20
30
40
50
Years Since 1955

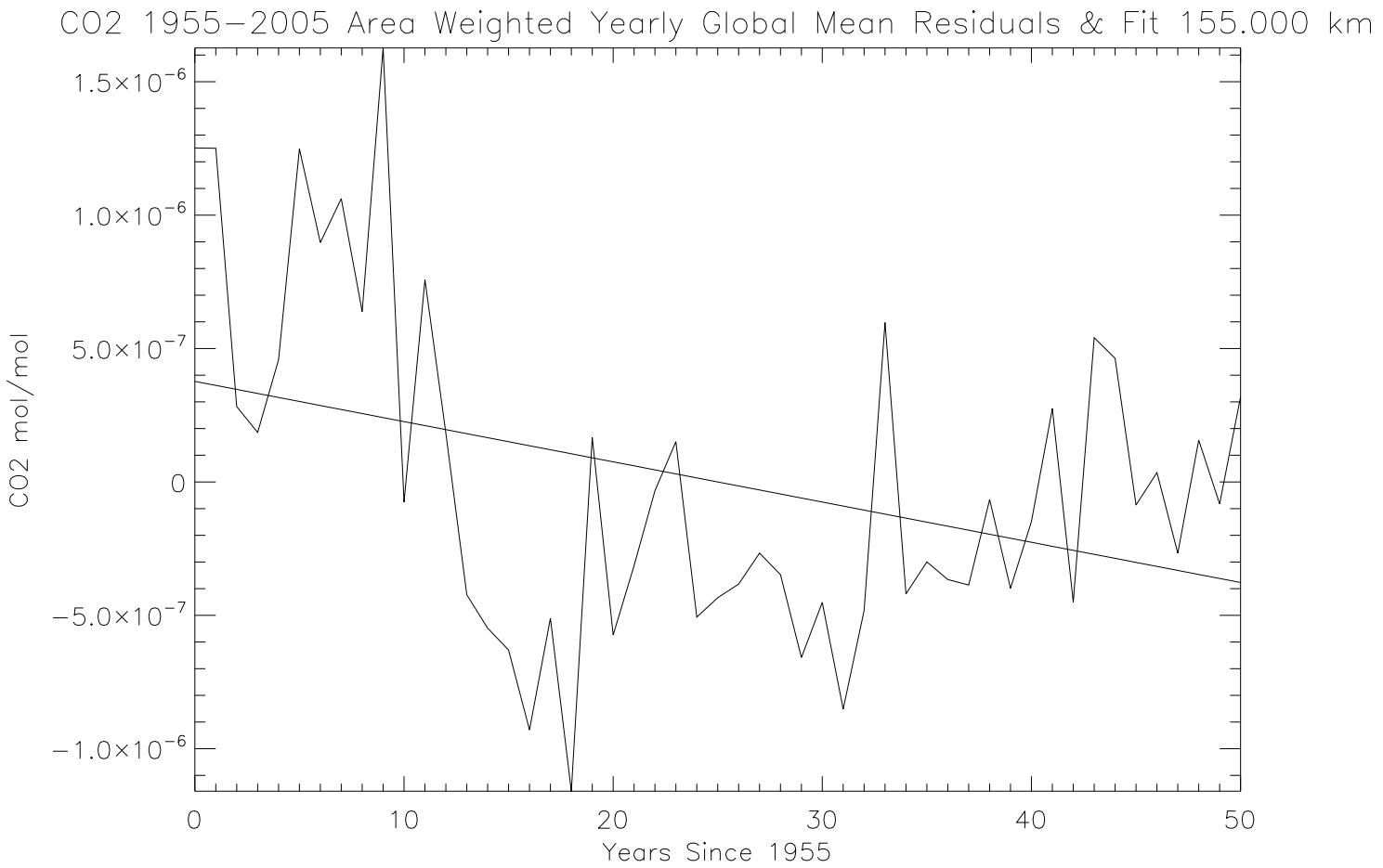

T 1970−2000 Area Weighted Yearly Global Mean Residuals & Fit 165.000 km
T (K)
20
10
0
−10
−20
0
5
10
15
20
25
30
Years Since 1970

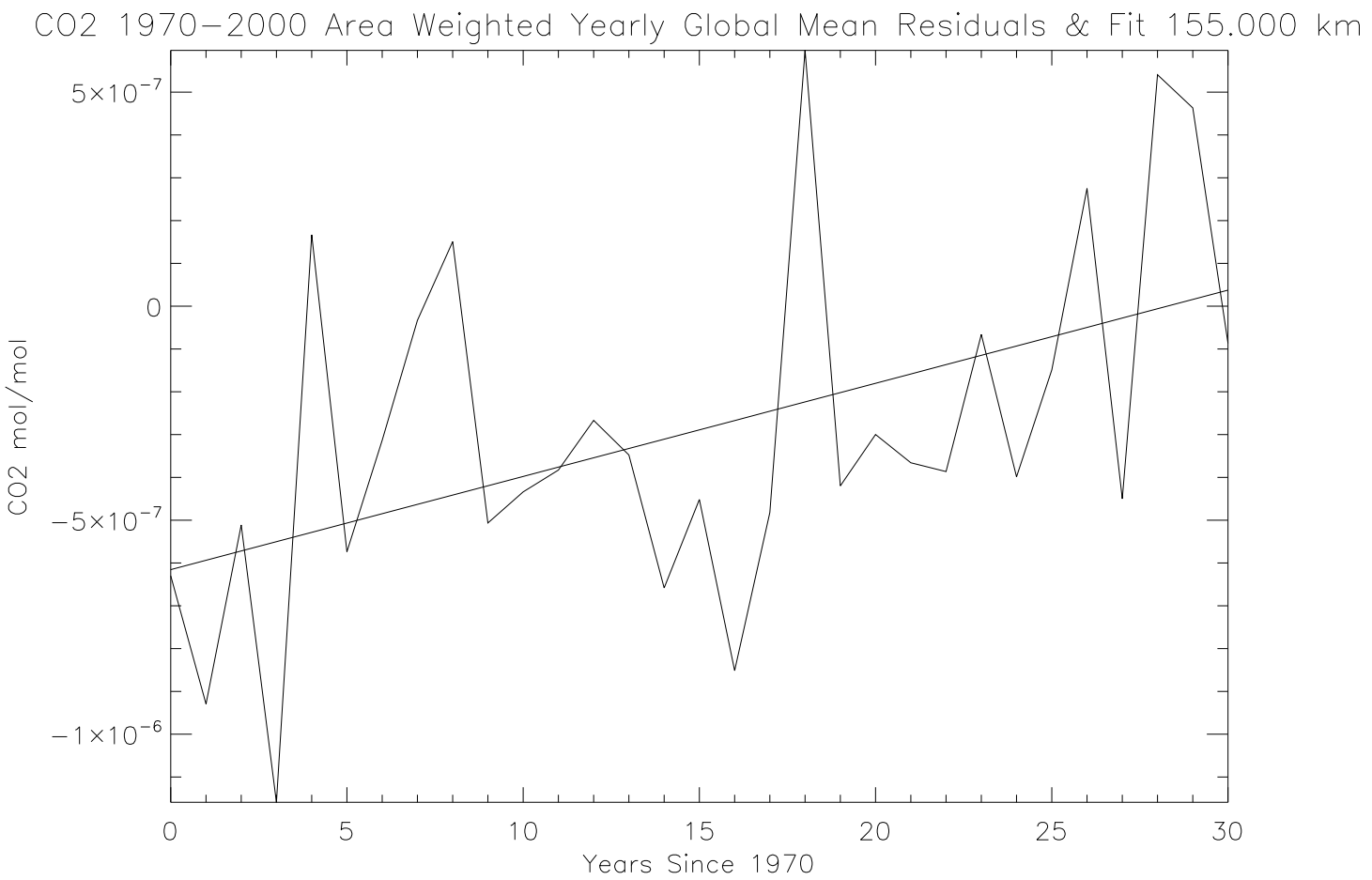

CO2 1955–2005 Area Weighted Yearly Global Mean Residuals & Fit 160.000 km
1×10⁻⁶
5×10⁻⁷
0
−5×10⁻⁷
CO2 mol/mol
0
10
20
30
40
50
Years Since 1955

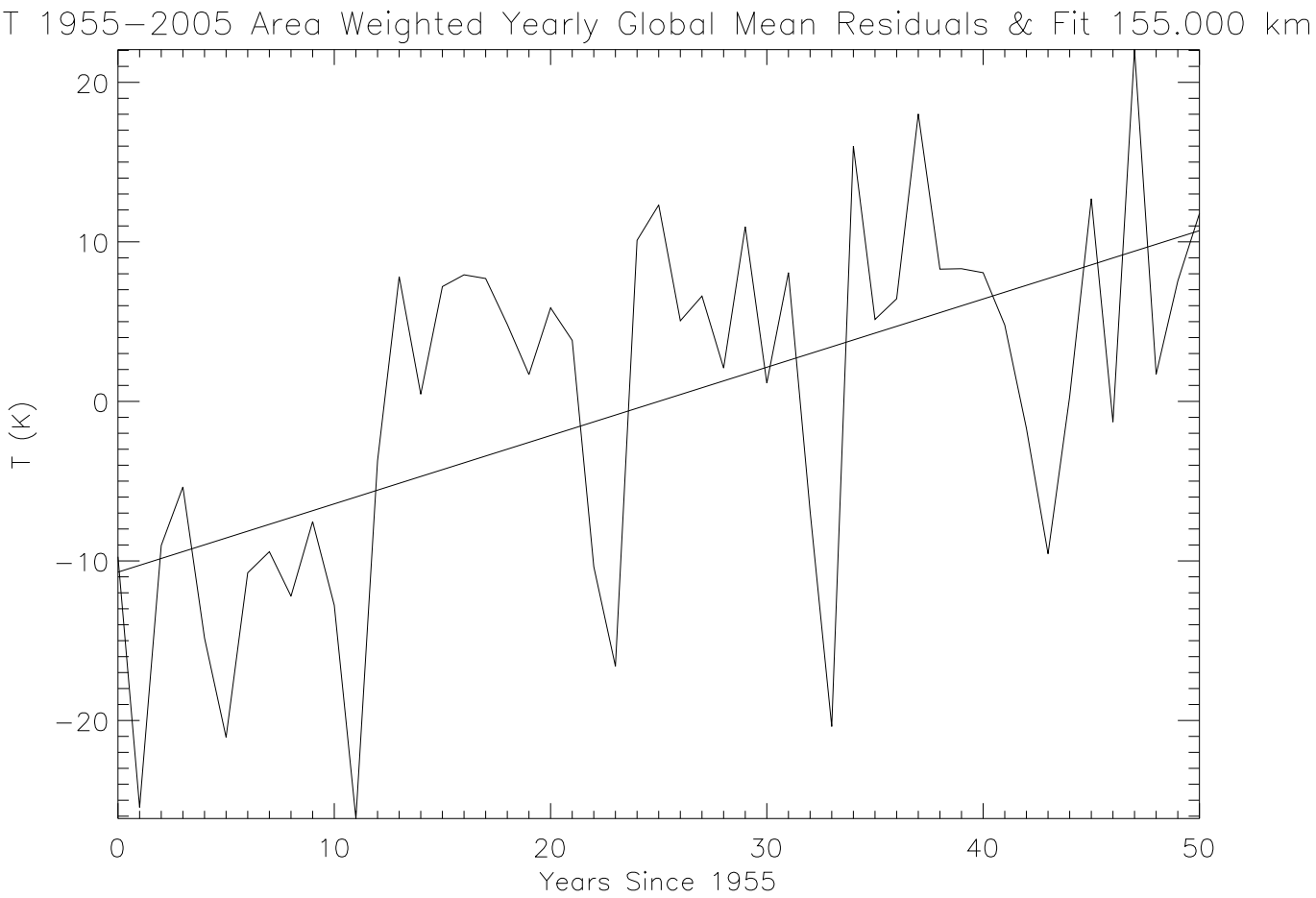

CO2 1970–2000 Area Weighted Yearly Global Mean Residuals & Fit 160.000 km
2×10⁻⁷
0
−2×10⁻⁷
−4×10⁻⁷
−6×10⁻⁷
−8×10⁻⁷
CO2 mol/mol
0
5
10
15
20
25
30
Years Since 1970

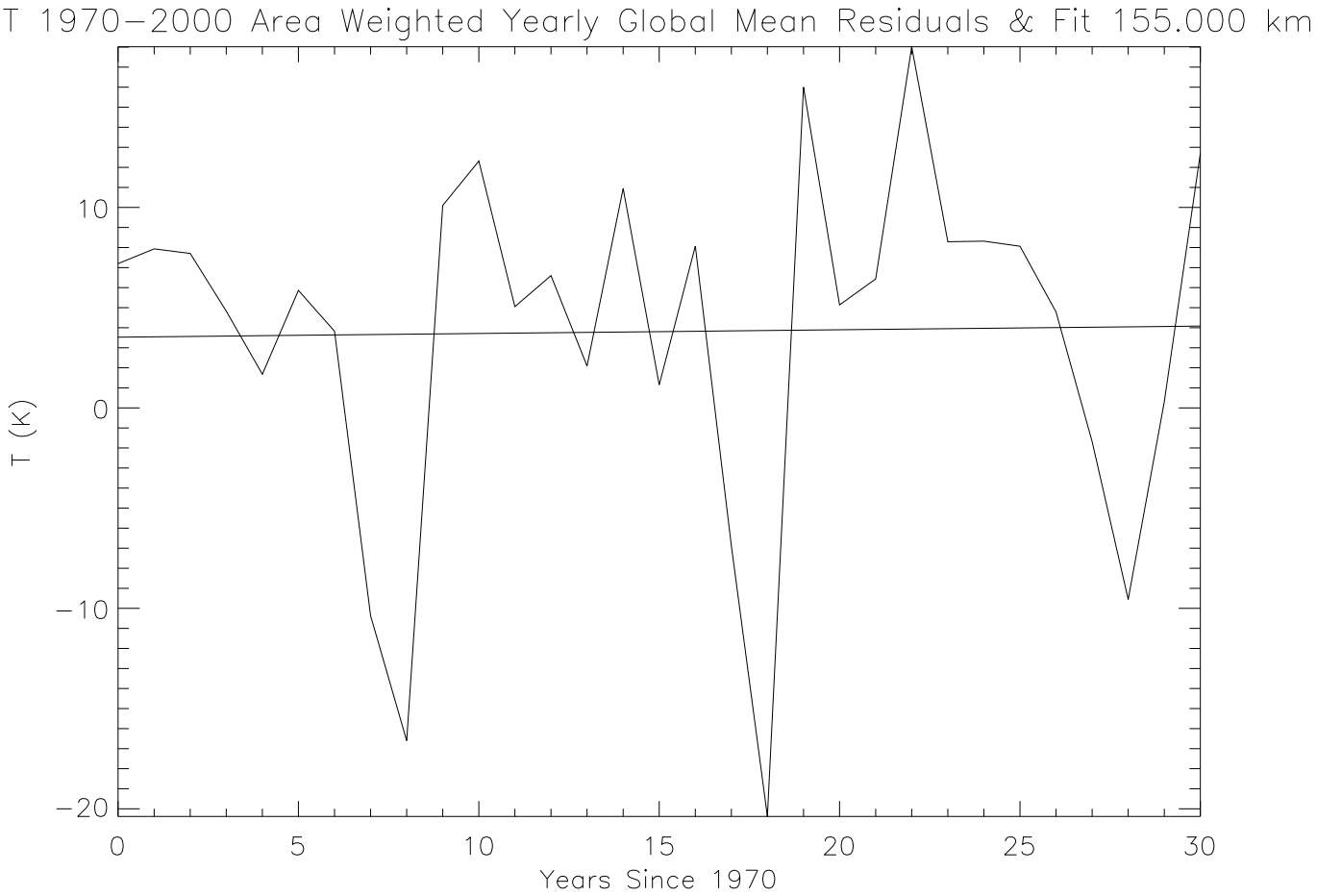

T 1955−2005 Area Weighted Yearly Global Mean Residuals & Fit 160.000 km
T (K)
20
10
0
−10
−20
0
10
20
30
40
50
Years Since 1955

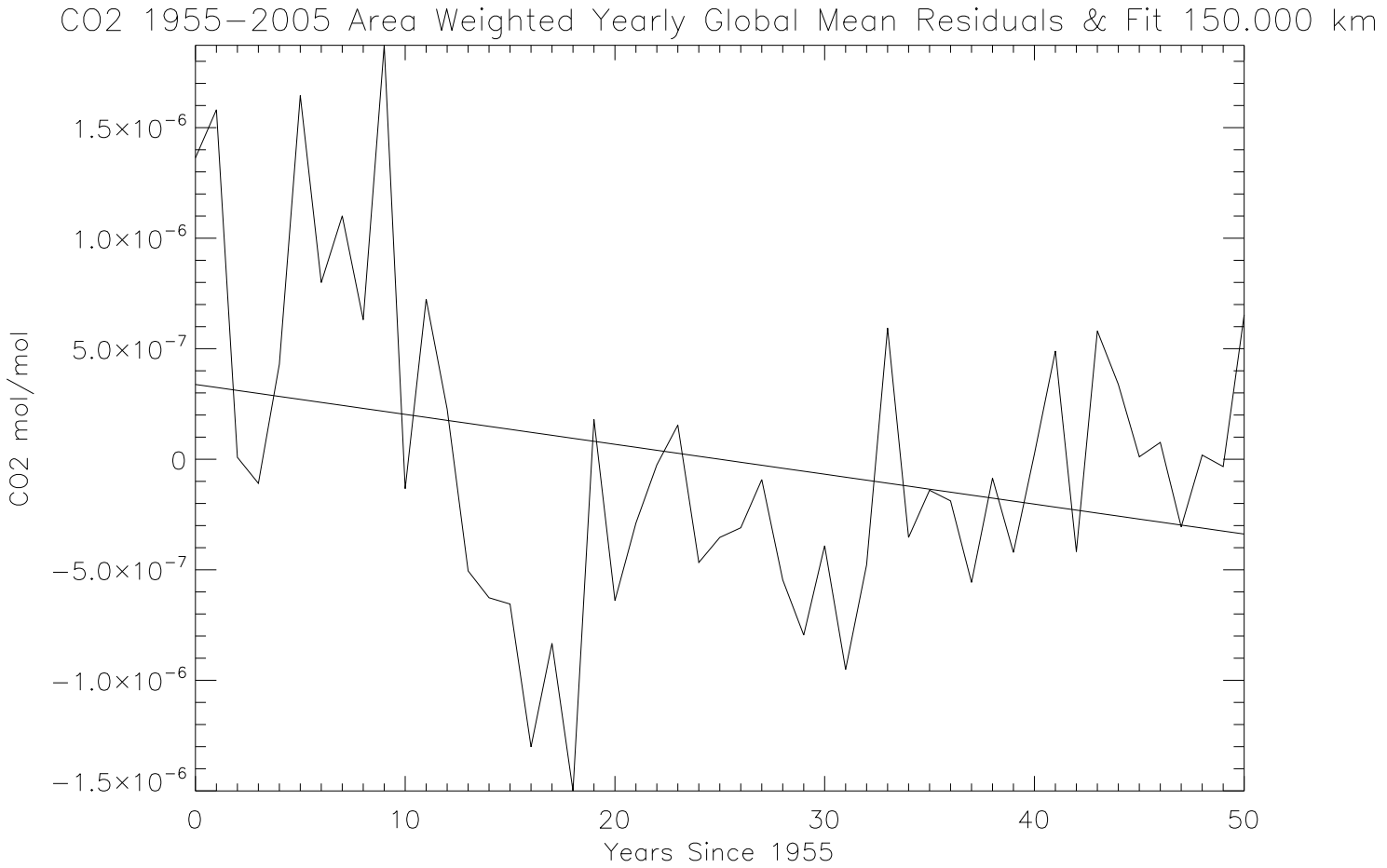

T 1970−2000 Area Weighted Yearly Global Mean Residuals & Fit 160.000 km
T (K)
20
10
0
−10
−20
0
5
10
15
20
25
30
Years Since 1970

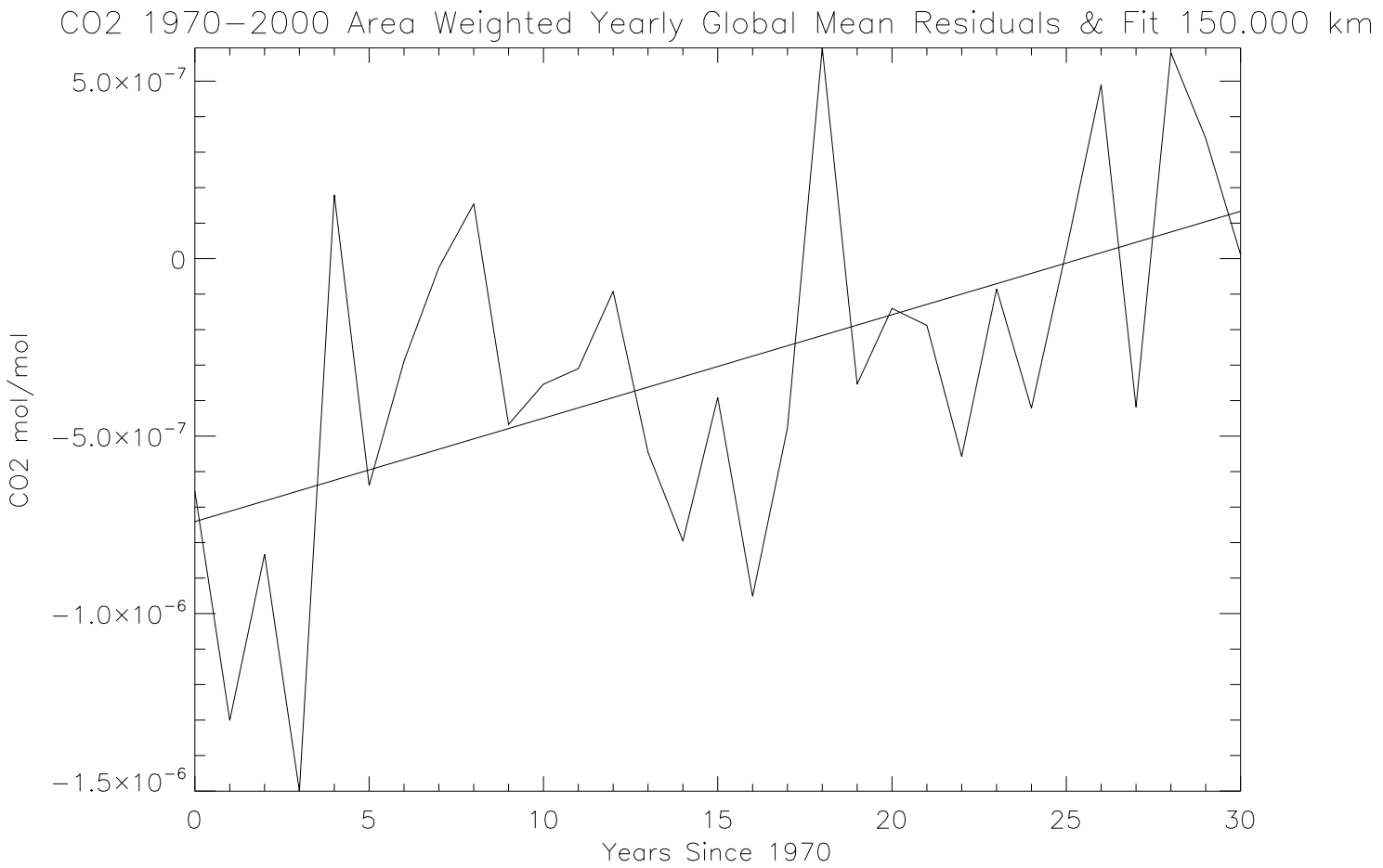

CO2 1955–2005 Area Weighted Yearly Global Mean Residuals & Fit 155.000 km
1.5×10⁻⁶
1.0×10⁻⁶
5.0×10⁻⁷
0
−5.0×10⁻⁷
−1.0×10⁻⁶
CO2 mol/mol
0
10
20
30
40
50
Years Since 1955

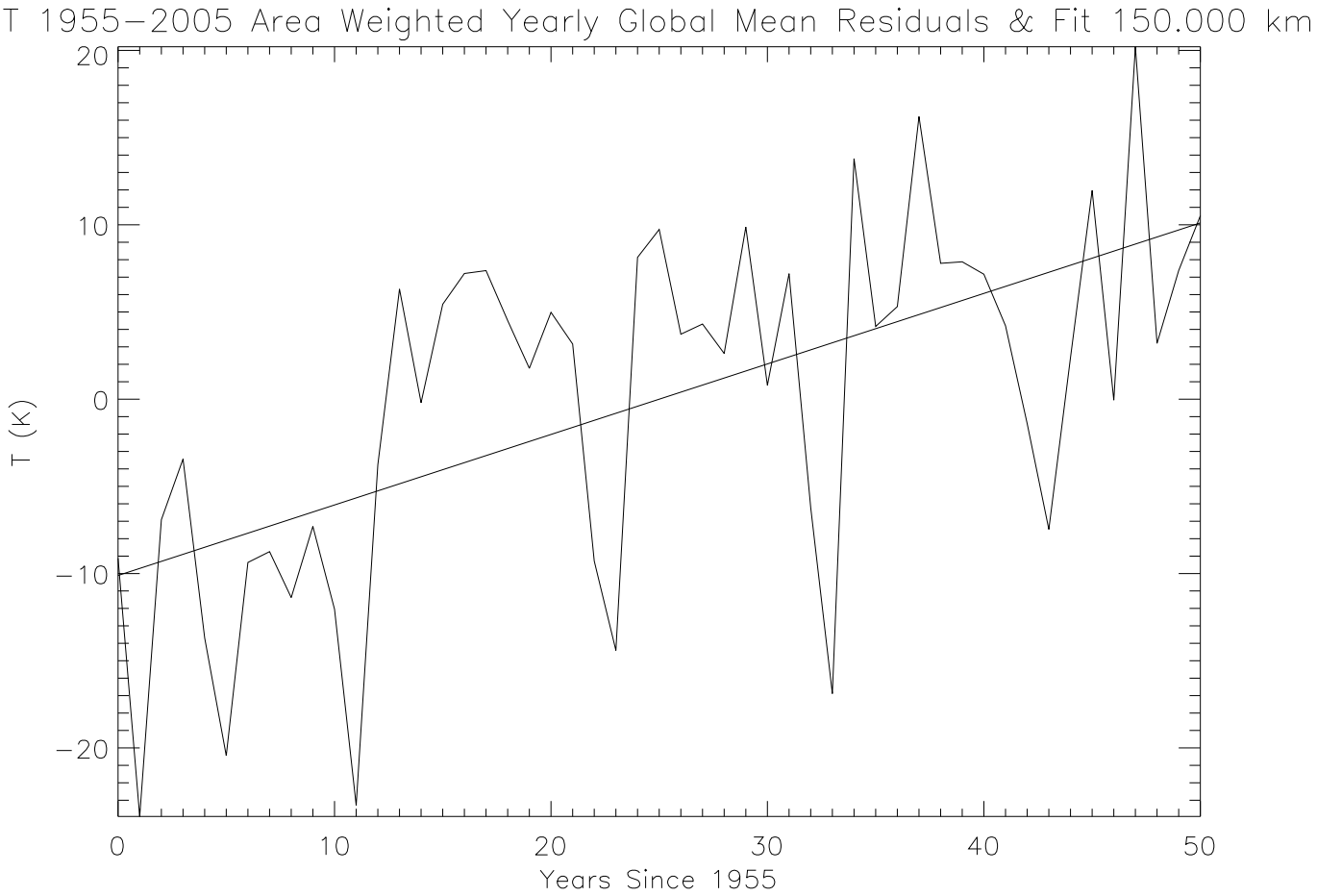

CO2 1970−2000 Area Weighted Yearly Global Mean Residuals & Fit 155.000 km
5×10−7
0
−5×10−7
−1×10−6
CO2 mol/mol
0
5
10
15
20
25
30
Years Since 1970

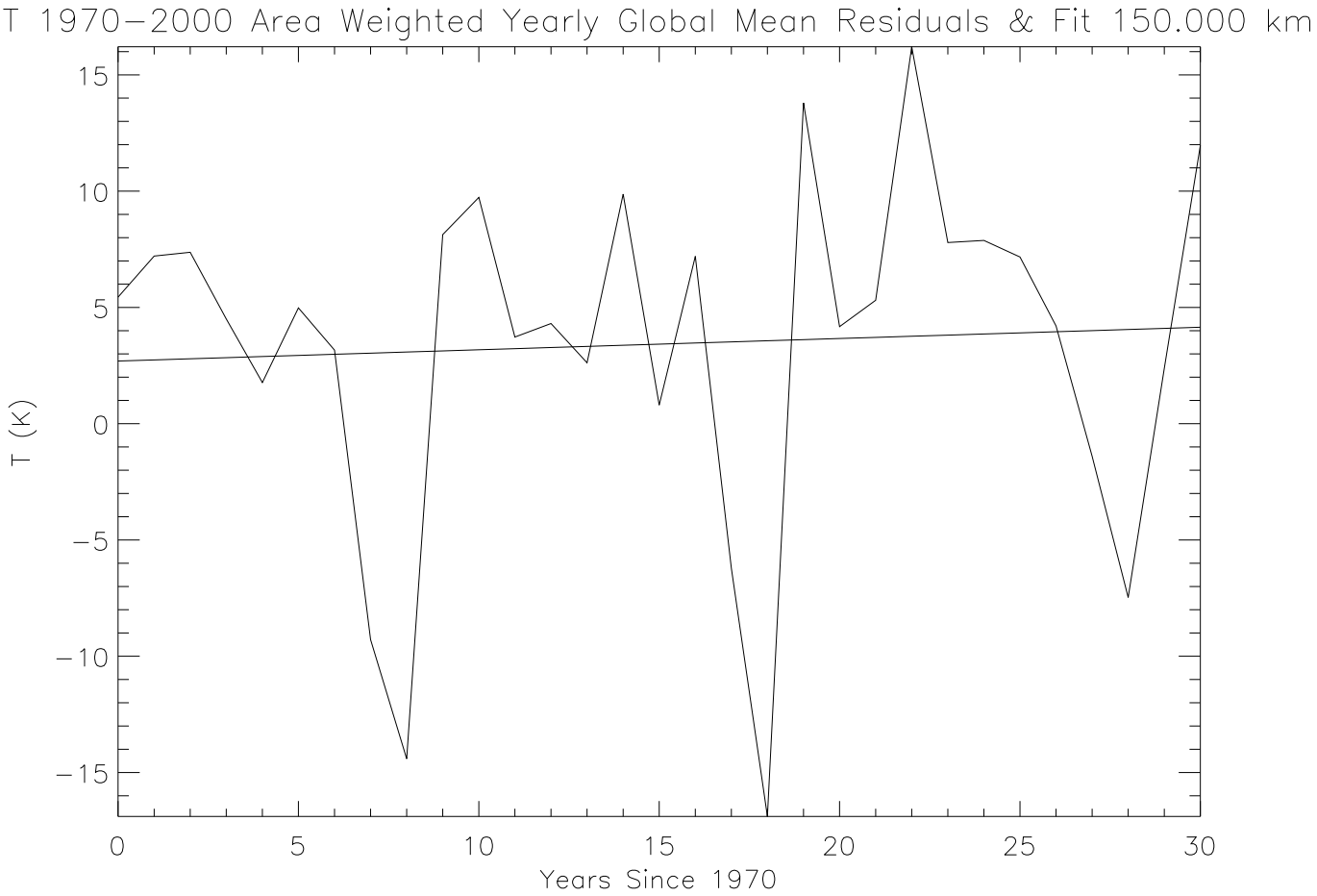

T 1955−2005 Area Weighted Yearly Global Mean Residuals & Fit 155.000 km
T (K)
20
10
0
−10
−20
0
10
20
30
40
50
Years Since 1955

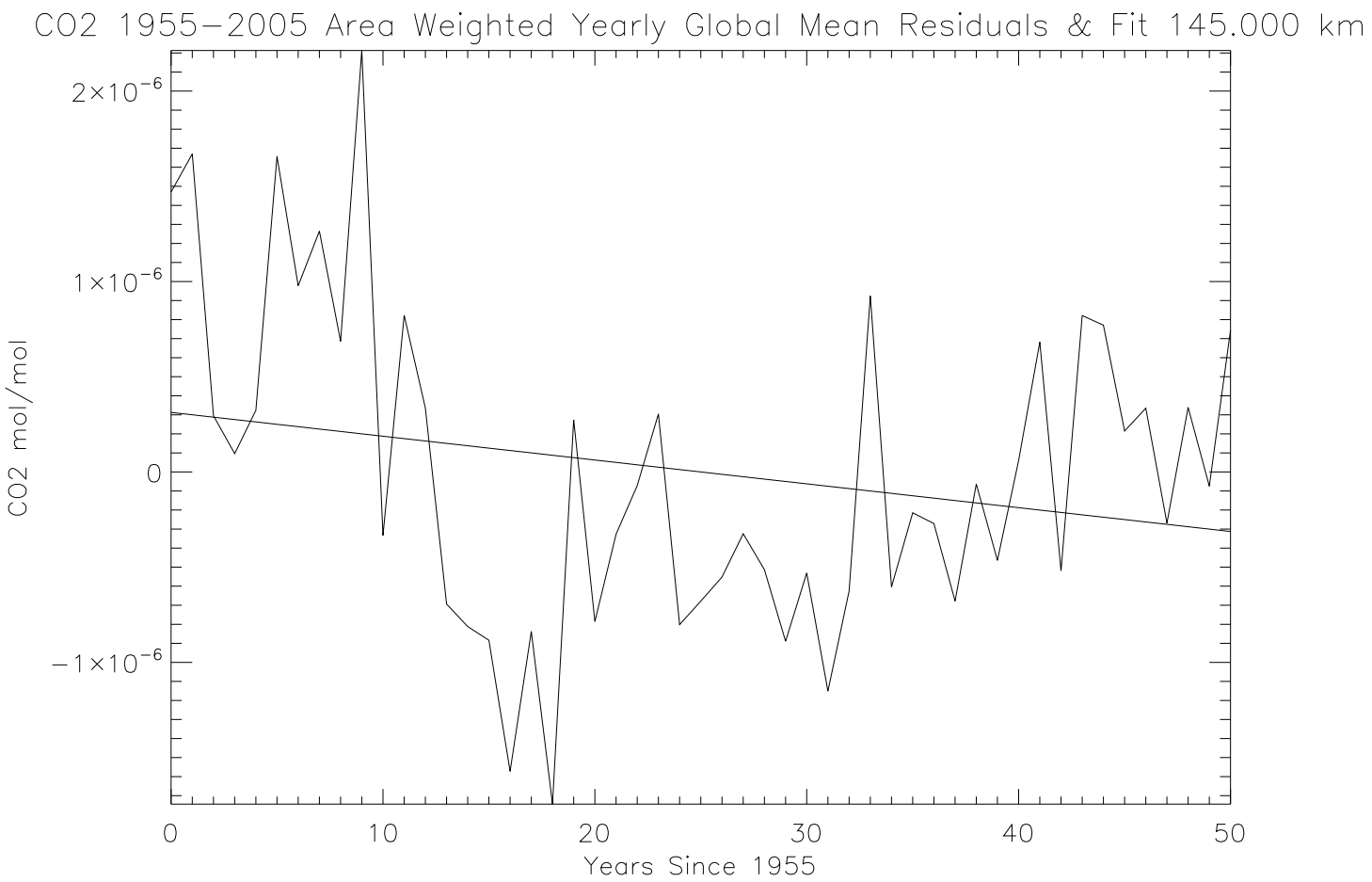

T 1970−2000 Area Weighted Yearly Global Mean Residuals & Fit 155.000 km
T (K)
10
0
−10
−20
0
5
10
15
20
25
30
Years Since 1970

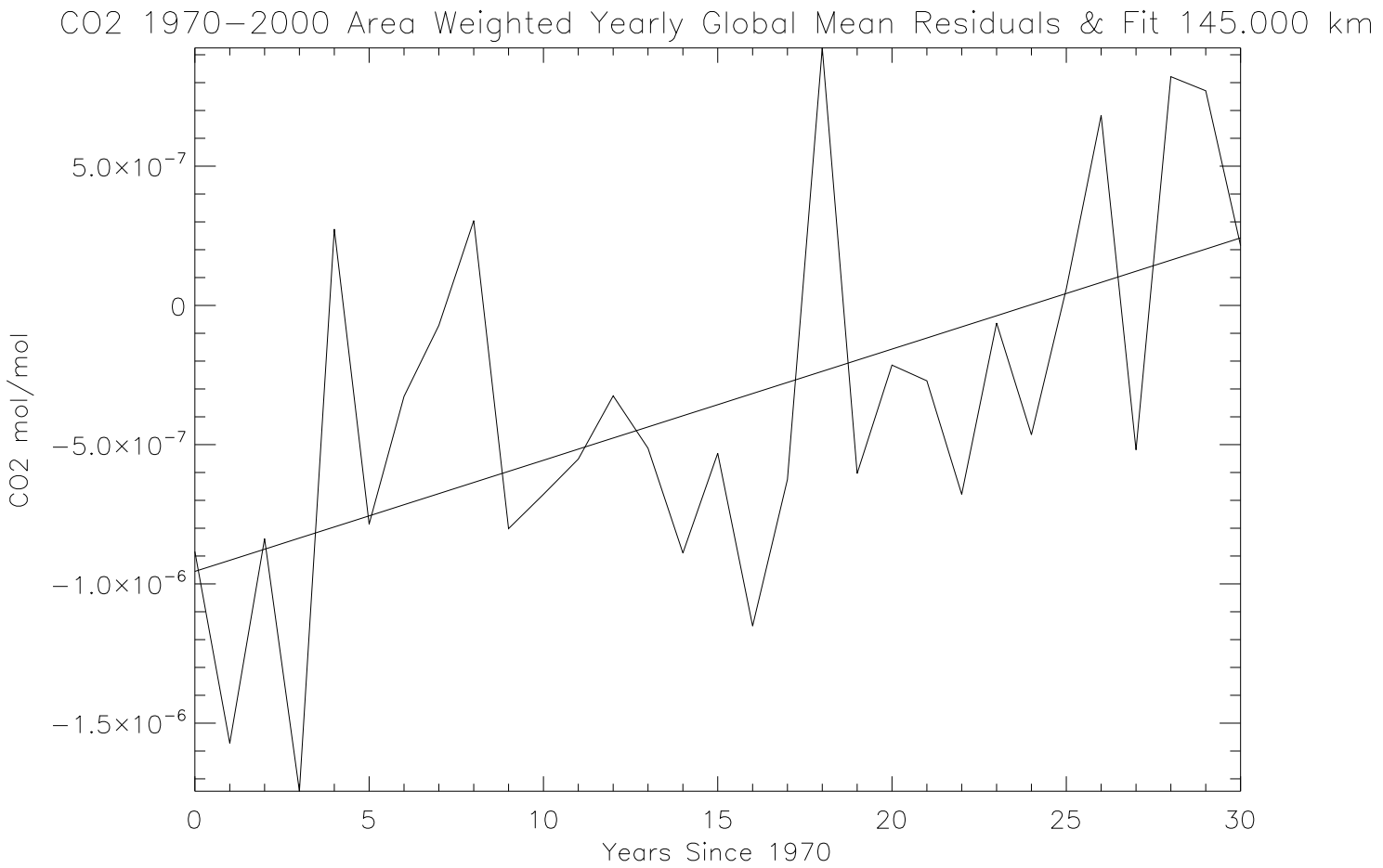

CO2 1955–2005 Area Weighted Yearly Global Mean Residuals & Fit 150.000 km
CO2 mol/mol
1.5×10⁻⁶
1.0×10⁻⁶
5.0×10⁻⁷
0
−5.0×10⁻⁷
−1.0×10⁻⁶
−1.5×10⁻⁶
0
10
20
30
40
50
Years Since 1955

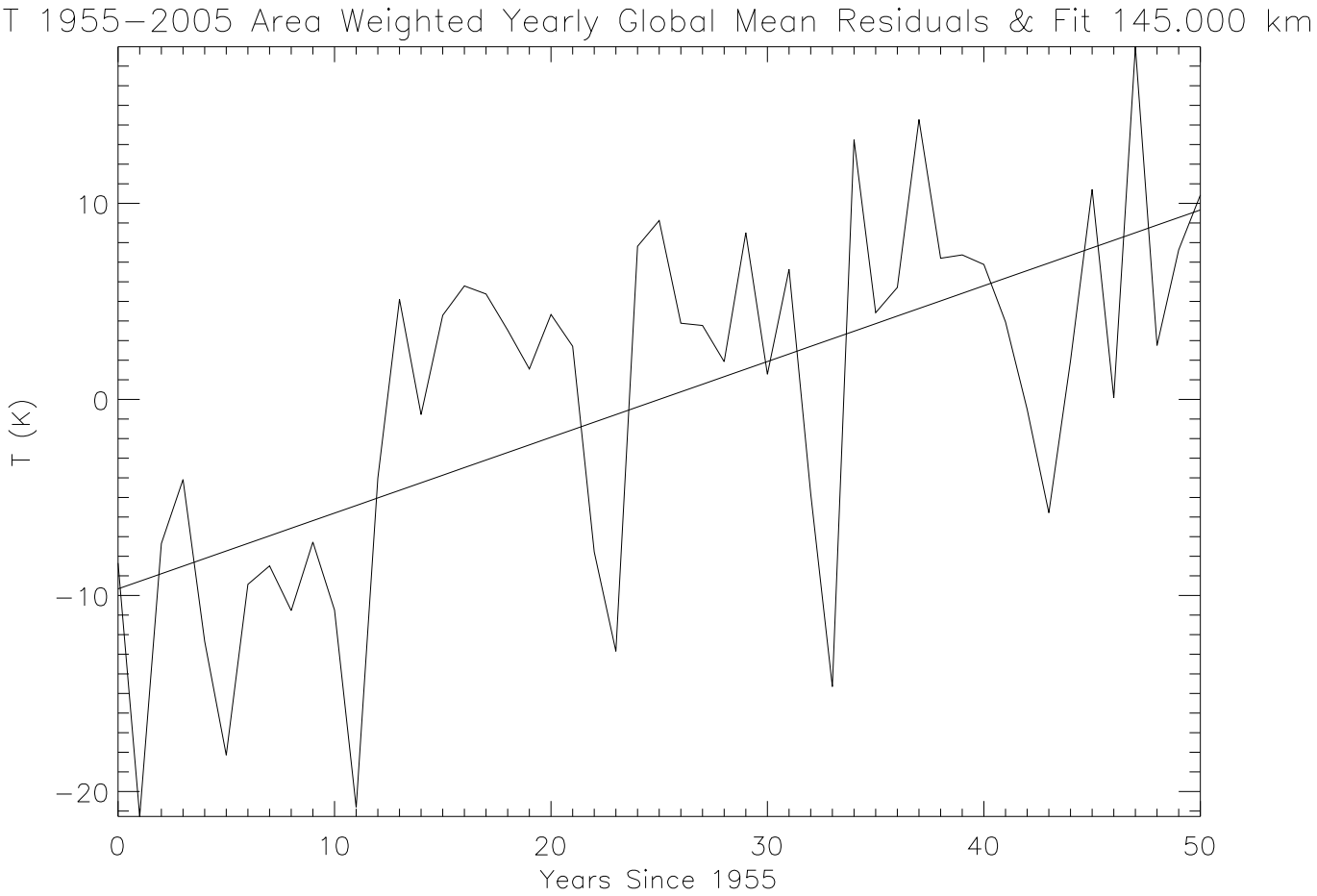

CO2 1970−2000 Area Weighted Yearly Global Mean Residuals & Fit 150.000 km
5.0×10−7
0
−5.0×10−7
−1.0×10−6
−1.5×10−6
CO2 mol/mol
0
5
10
15
20
25
30
Years Since 1970

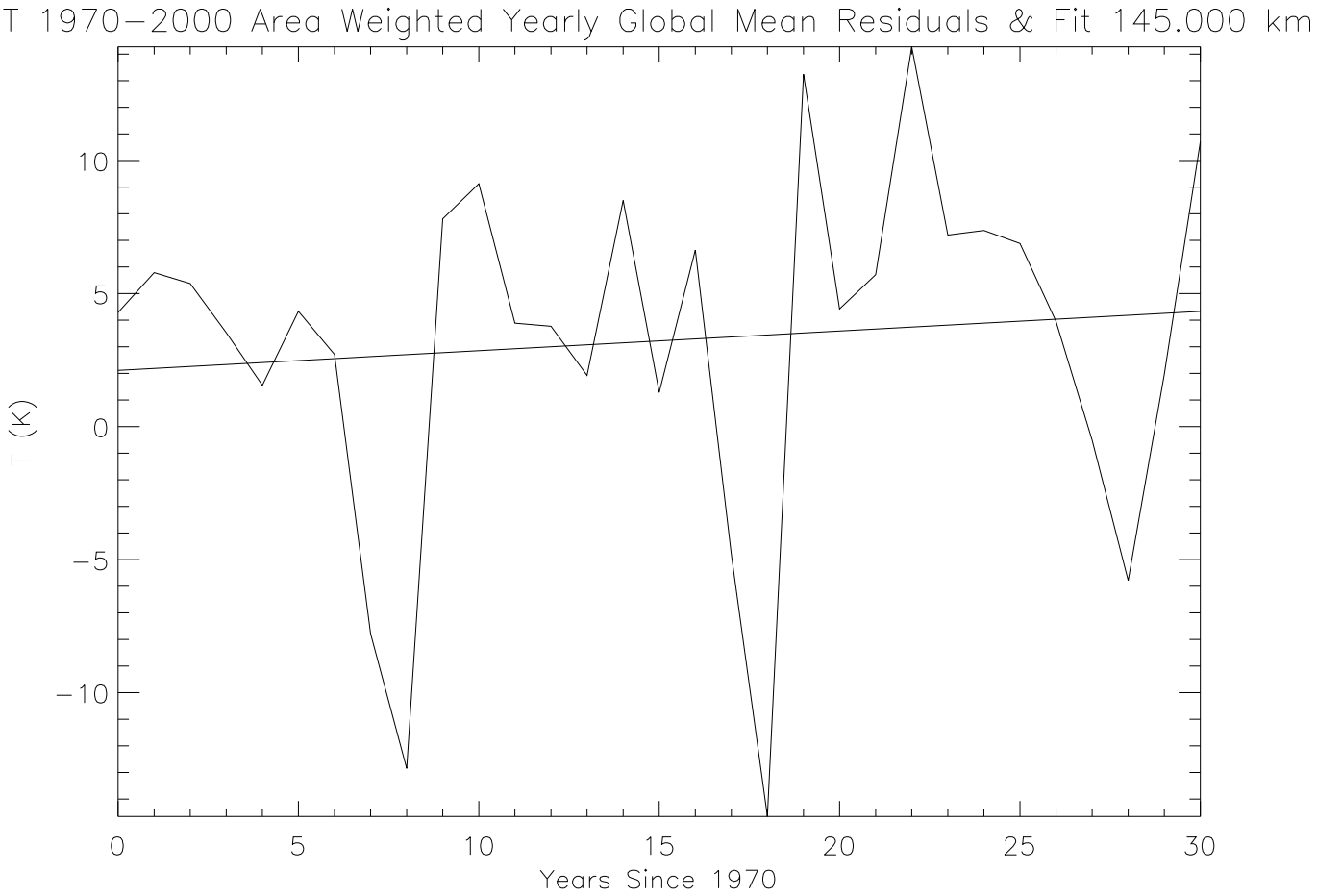

T 1955−2005 Area Weighted Yearly Global Mean Residuals & Fit 150.000 km
T (K)
20
10
0
−10
−20
0
10
20
30
40
50
Years Since 1955

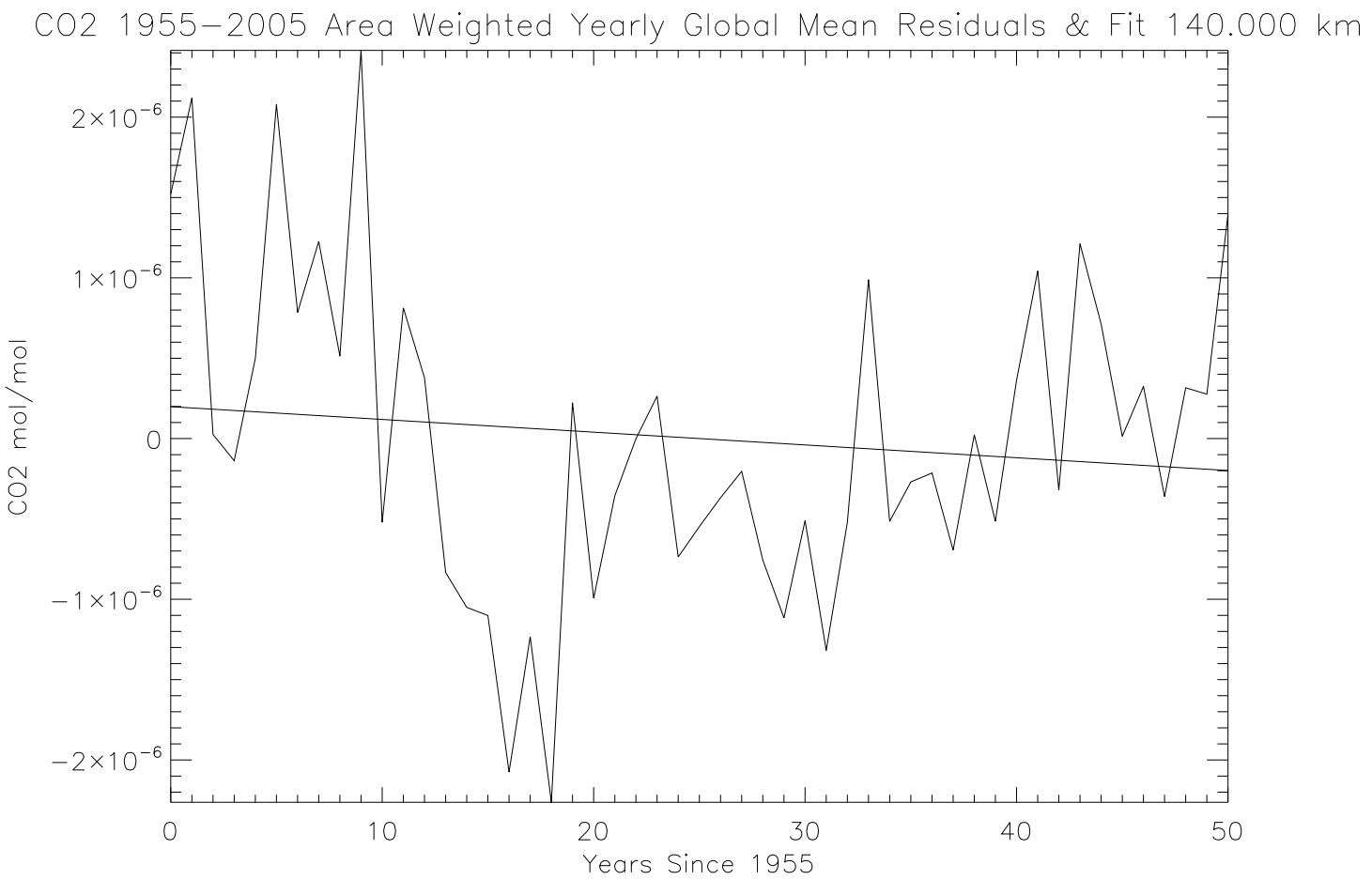

T 1970−2000 Area Weighted Yearly Global Mean Residuals & Fit 150.000 km
T (K)
15
10
5
0
−5
−10
−15
0
5
10
15
20
25
30
Years Since 1970

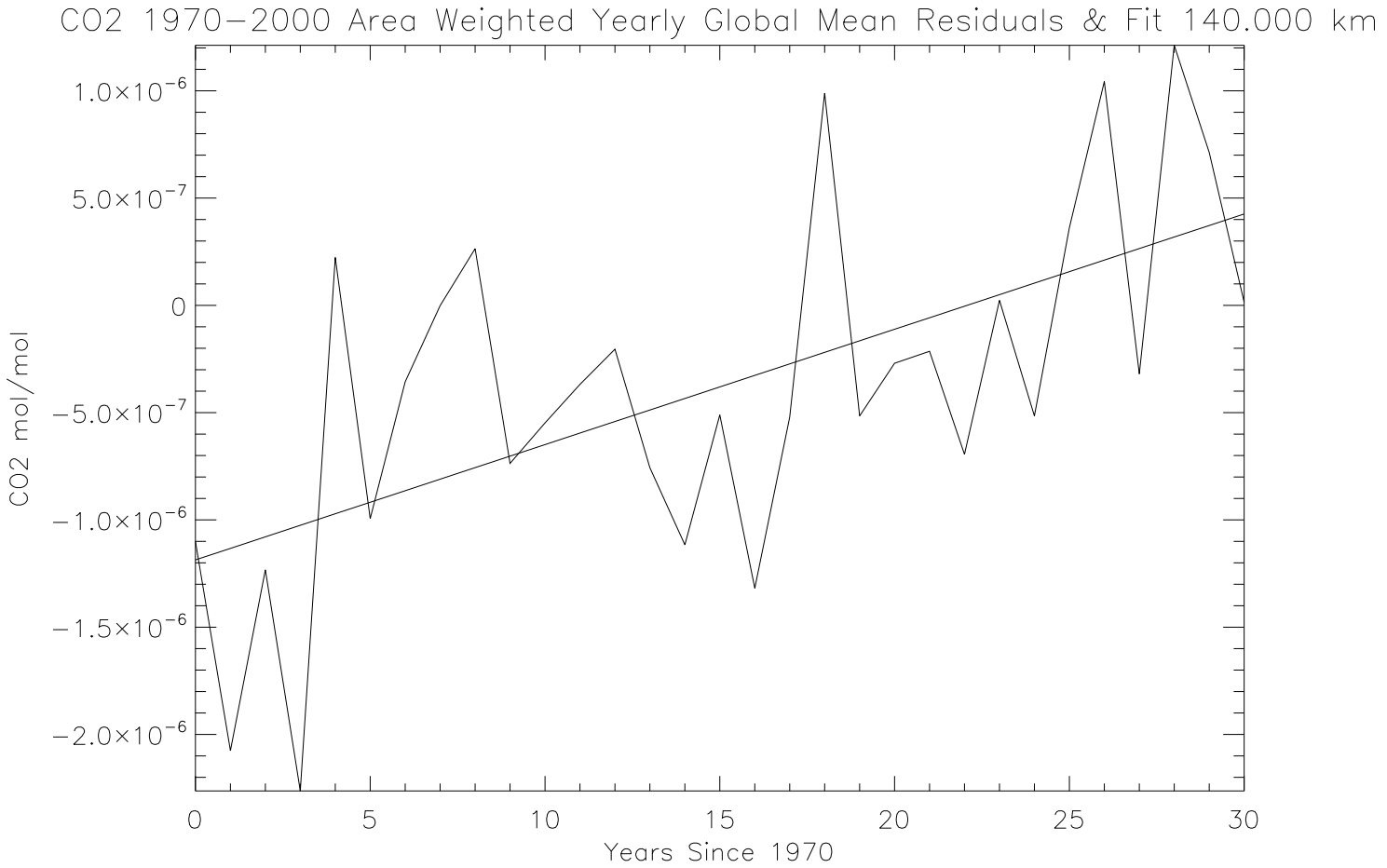

CO2 1955–2005 Area Weighted Yearly Global Mean Residuals & Fit 145.000 km
2×10⁻⁶
1×10⁻⁶
0
−1×10⁻⁶
CO2 mol/mol
0
10
20
30
40
50
Years Since 1955

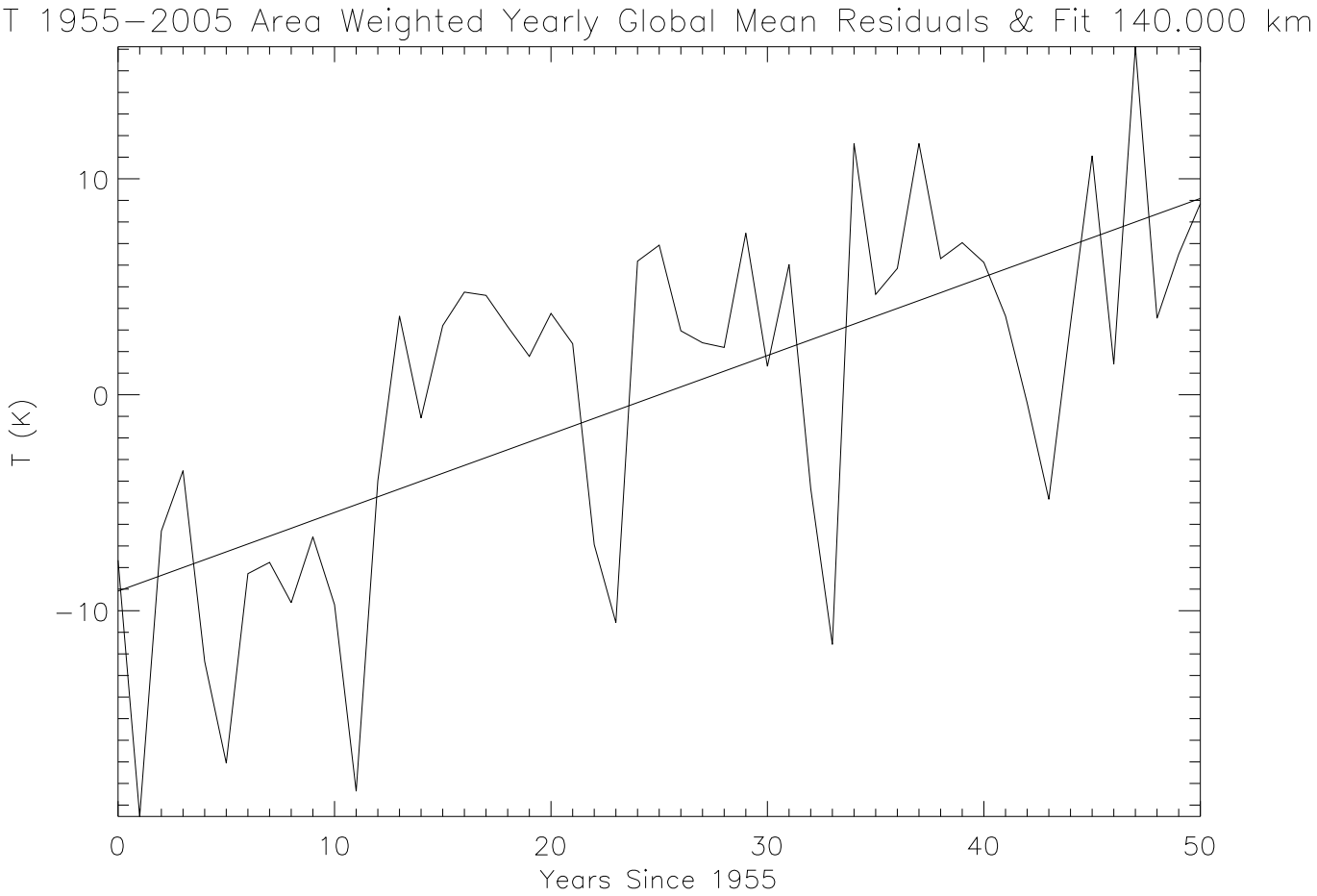

CO2 1970−2000 Area Weighted Yearly Global Mean Residuals & Fit 145.000 km
5.0×10−7
0
−5.0×10−7
−1.0×10−6
−1.5×10−6
CO2 mol/mol
0
5
10
15
20
25
30
Years Since 1970

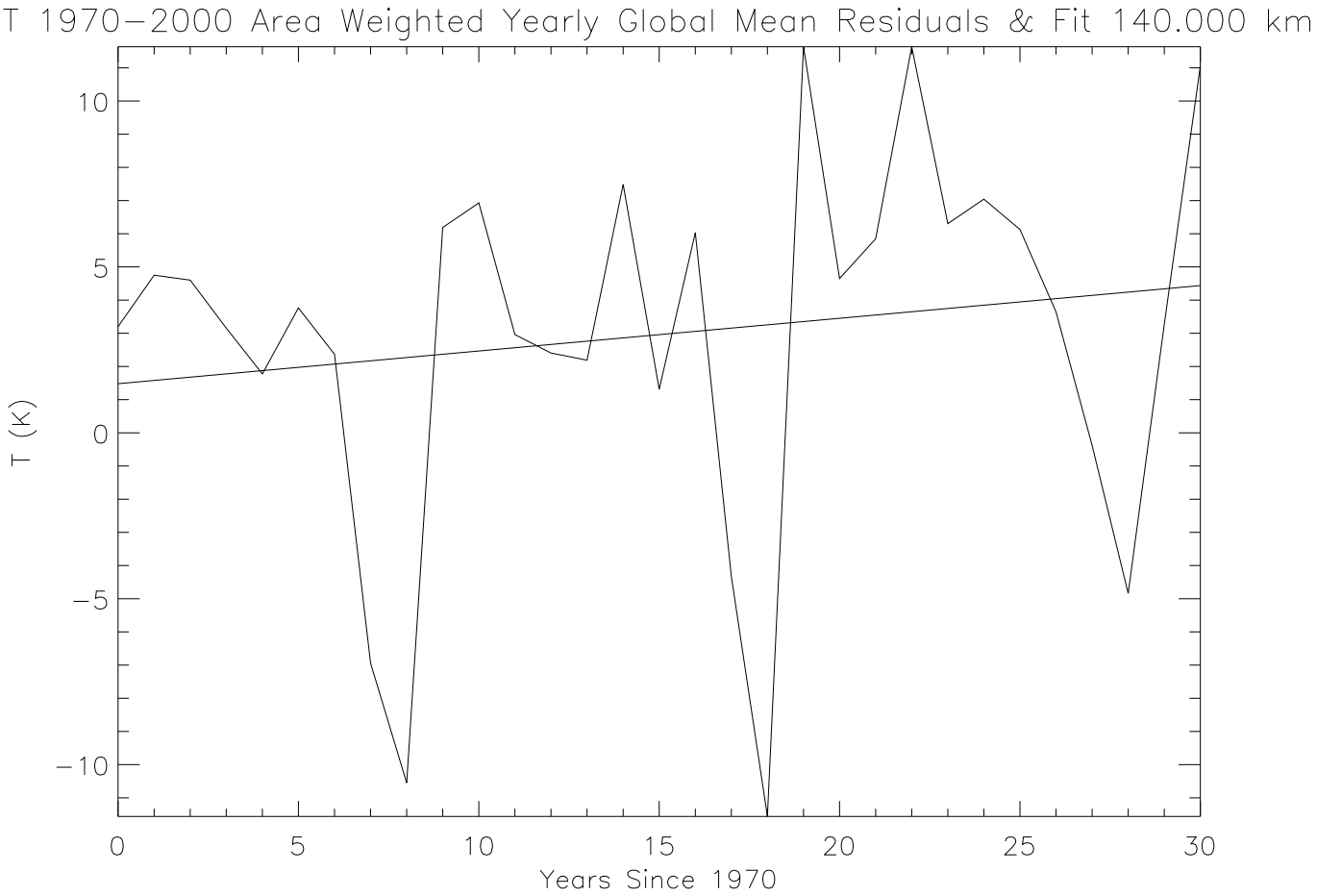

T 1955−2005 Area Weighted Yearly Global Mean Residuals & Fit 145.000 km
T (K)
10
0
−10
−20
0
10
20
30
40
50
Years Since 1955

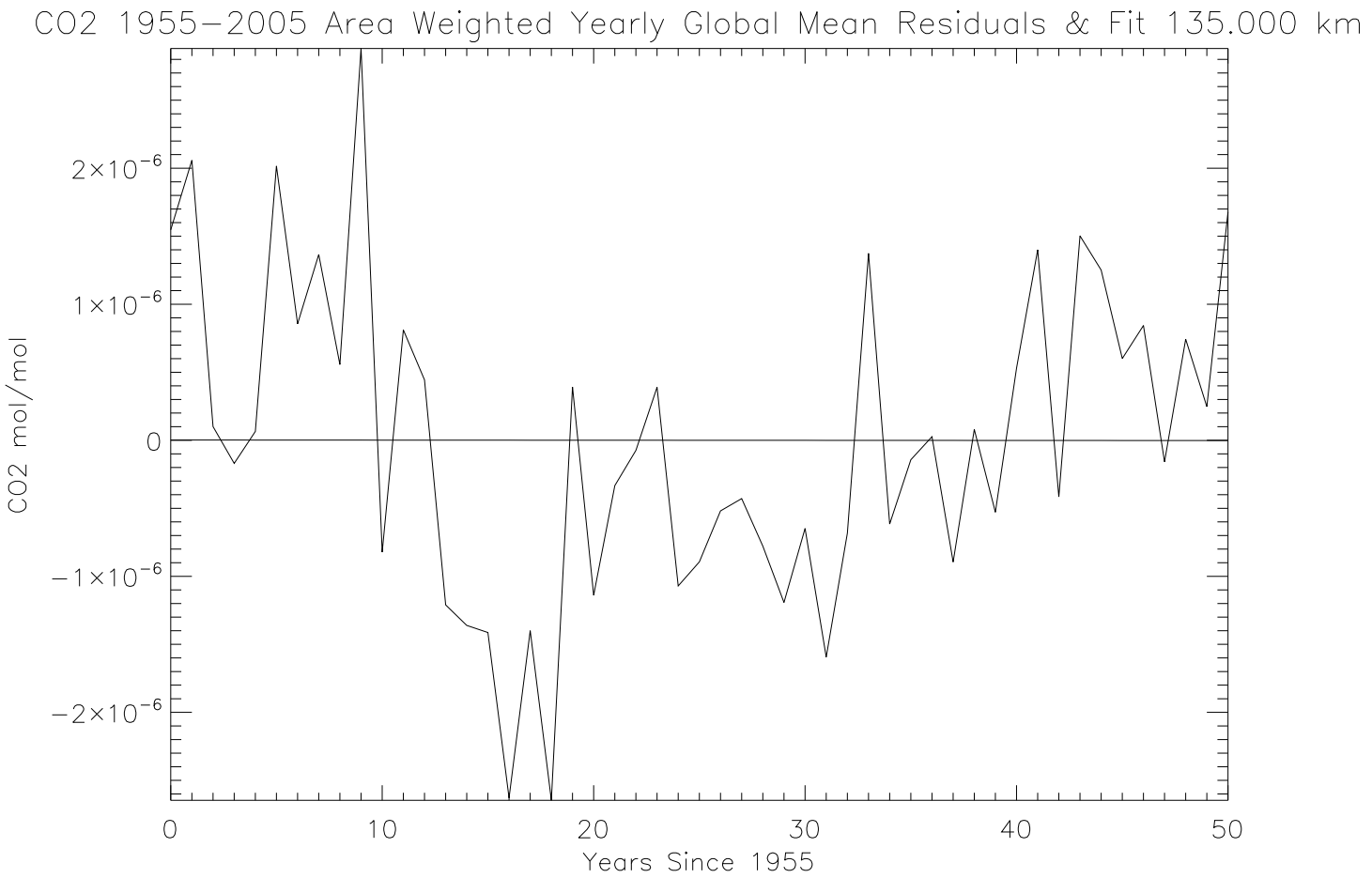

T 1970−2000 Area Weighted Yearly Global Mean Residuals & Fit 145.000 km
T (K)
10
5
0
−5
−10
0
5
10
15
20
25
30
Years Since 1970

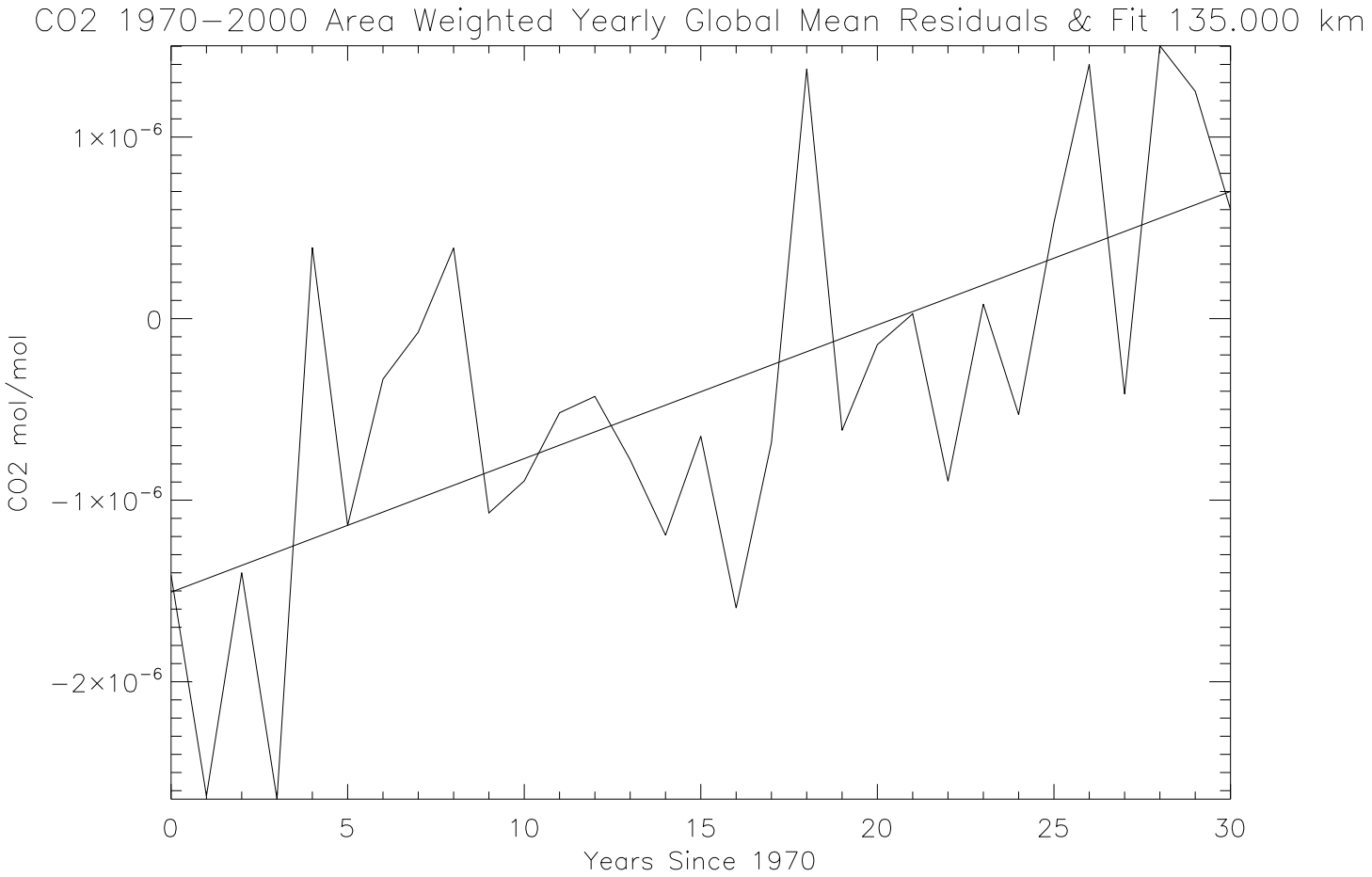

CO2 1955–2005 Area Weighted Yearly Global Mean Residuals & Fit 140.000 km
2×10⁻⁶
1×10⁻⁶
0
−1×10⁻⁶
−2×10⁻⁶
CO2 mol/mol
0
10
20
30
40
50
Years Since 1955

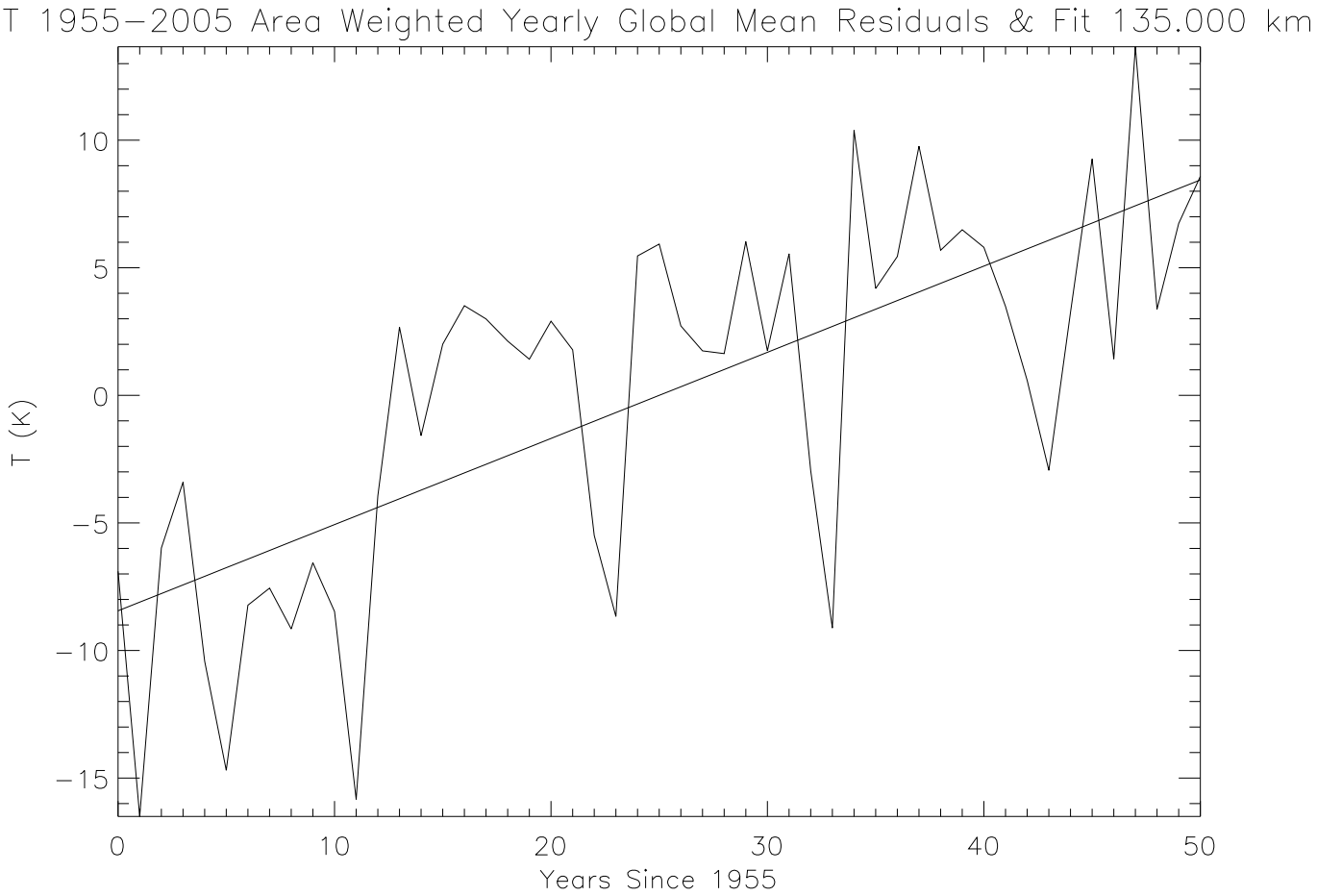

CO2 1970–2000 Area Weighted Yearly Global Mean Residuals & Fit 140.000 km
1.0×10⁻⁶
5.0×10⁻⁷
0
−5.0×10⁻⁷
−1.0×10⁻⁶
−1.5×10⁻⁶
−2.0×10⁻⁶
CO2 mol/mol
0
5
10
15
20
25
30
Years Since 1970

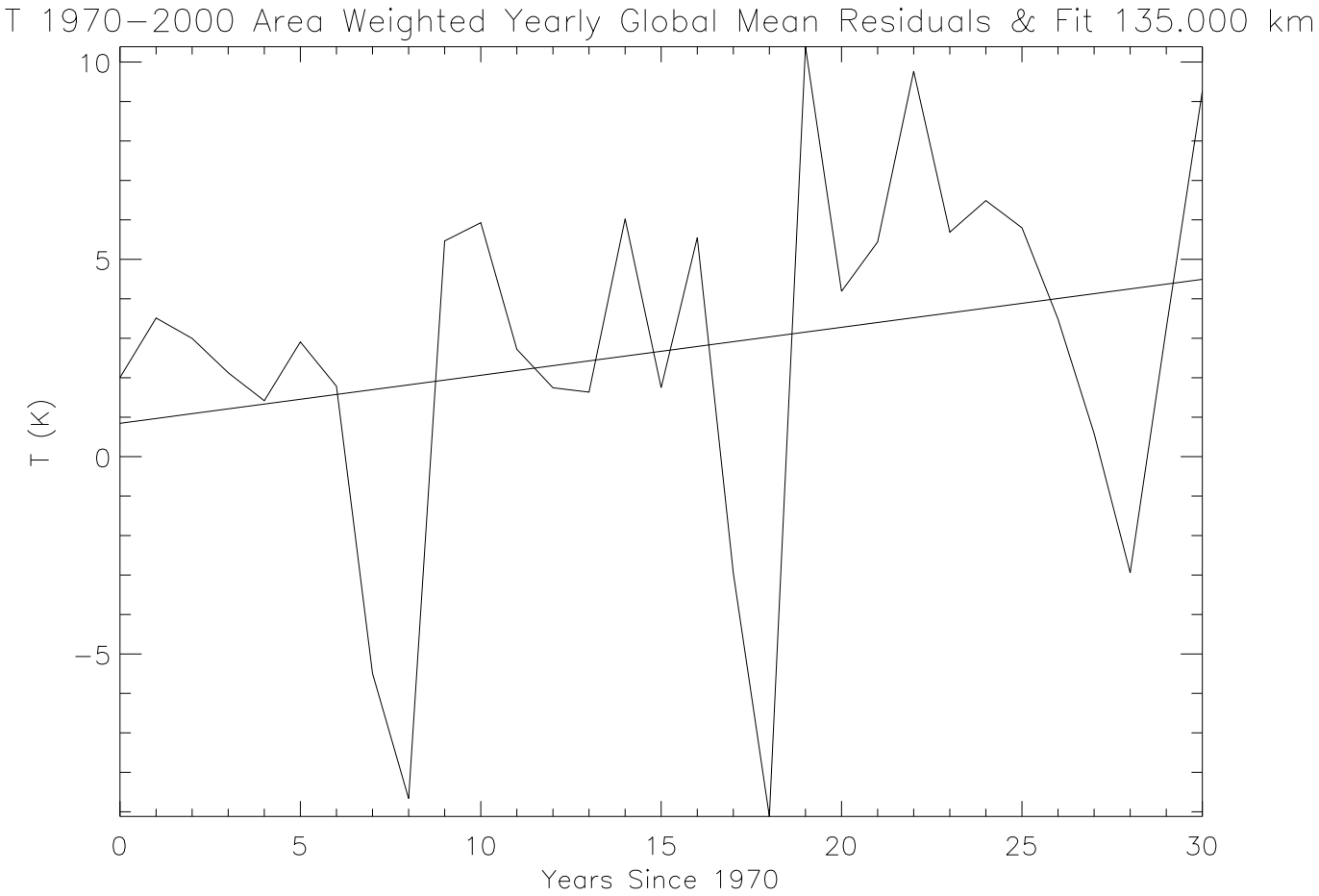

T 1955−2005 Area Weighted Yearly Global Mean Residuals & Fit 140.000 km
T (K)
10
0
−10
0
10
20
30
40
50
Years Since 1955

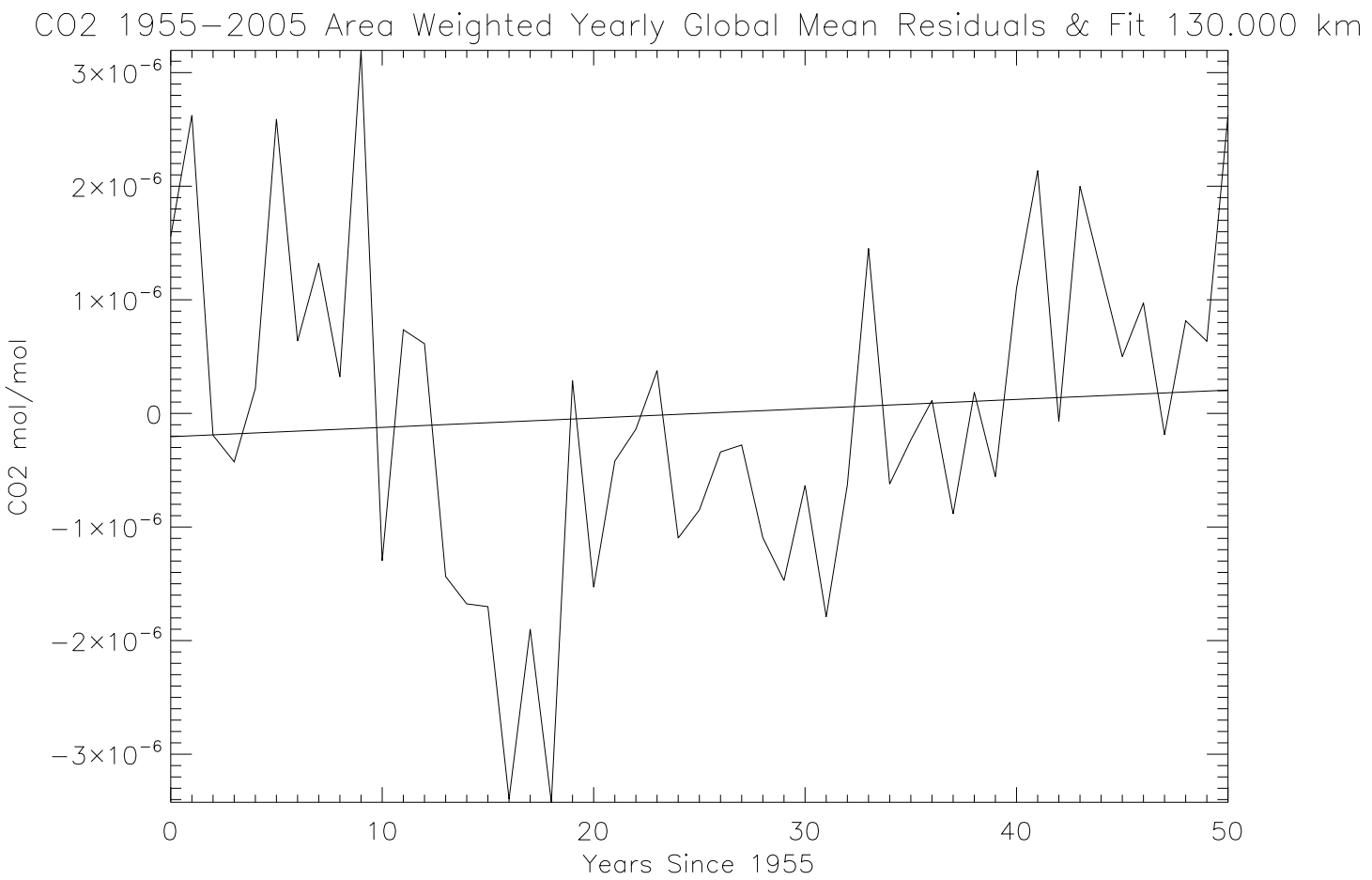

T 1970−2000 Area Weighted Yearly Global Mean Residuals & Fit 140.000 km
T (K)
10
5
0
−5
−10
0
5
10
15
20
25
30
Years Since 1970

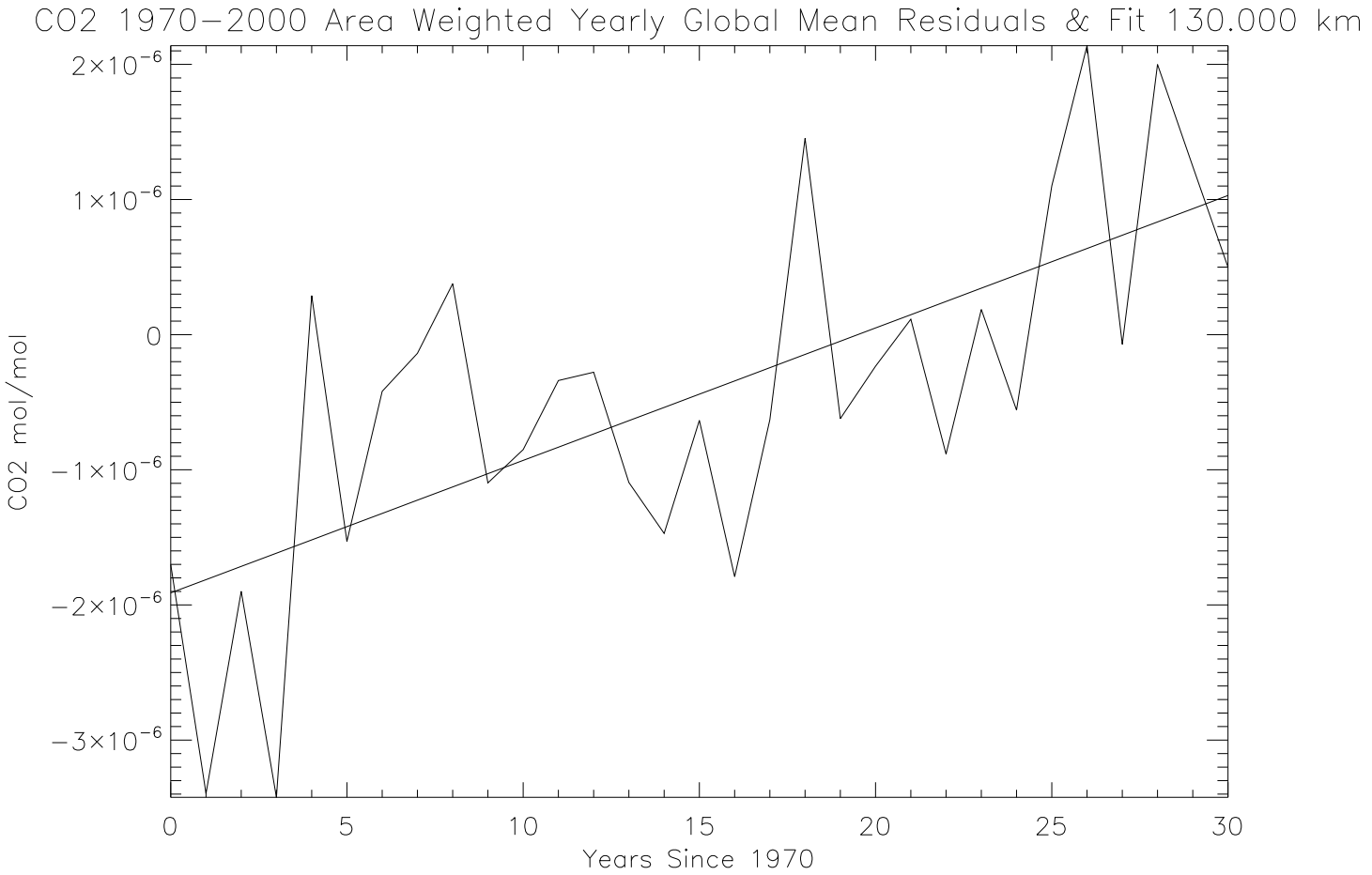

CO2 1955–2005 Area Weighted Yearly Global Mean Residuals & Fit 135.000 km
CO2 mol/mol
2×10⁻⁶
1×10⁻⁶
0
−1×10⁻⁶
−2×10⁻⁶
0
10
20
30
40
50
Years Since 1955

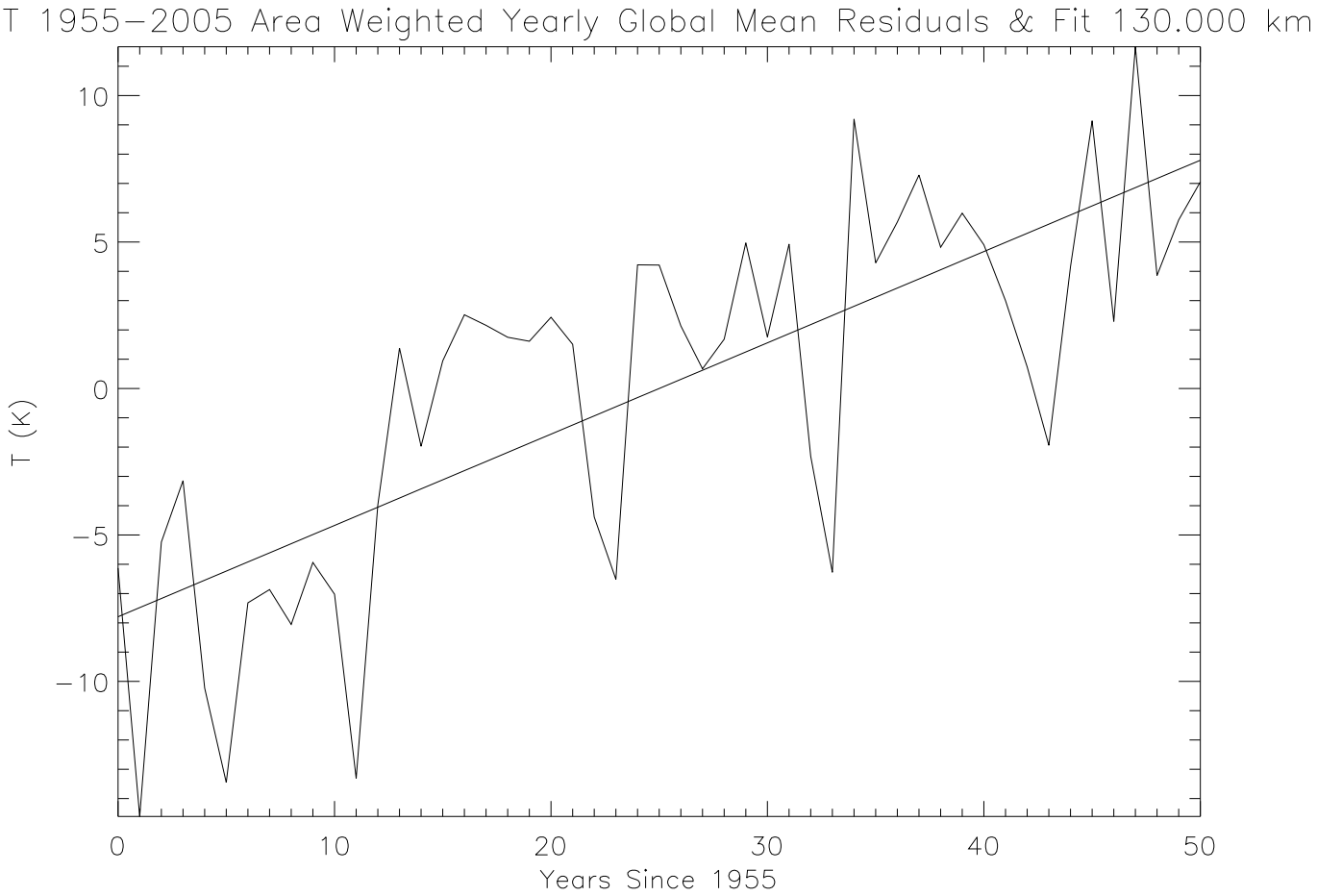

CO2 1970−2000 Area Weighted Yearly Global Mean Residuals & Fit 135.000 km
1×10−6
0
−1×10−6
−2×10−6
CO2 mol/mol
0
5
10
15
20
25
30
Years Since 1970

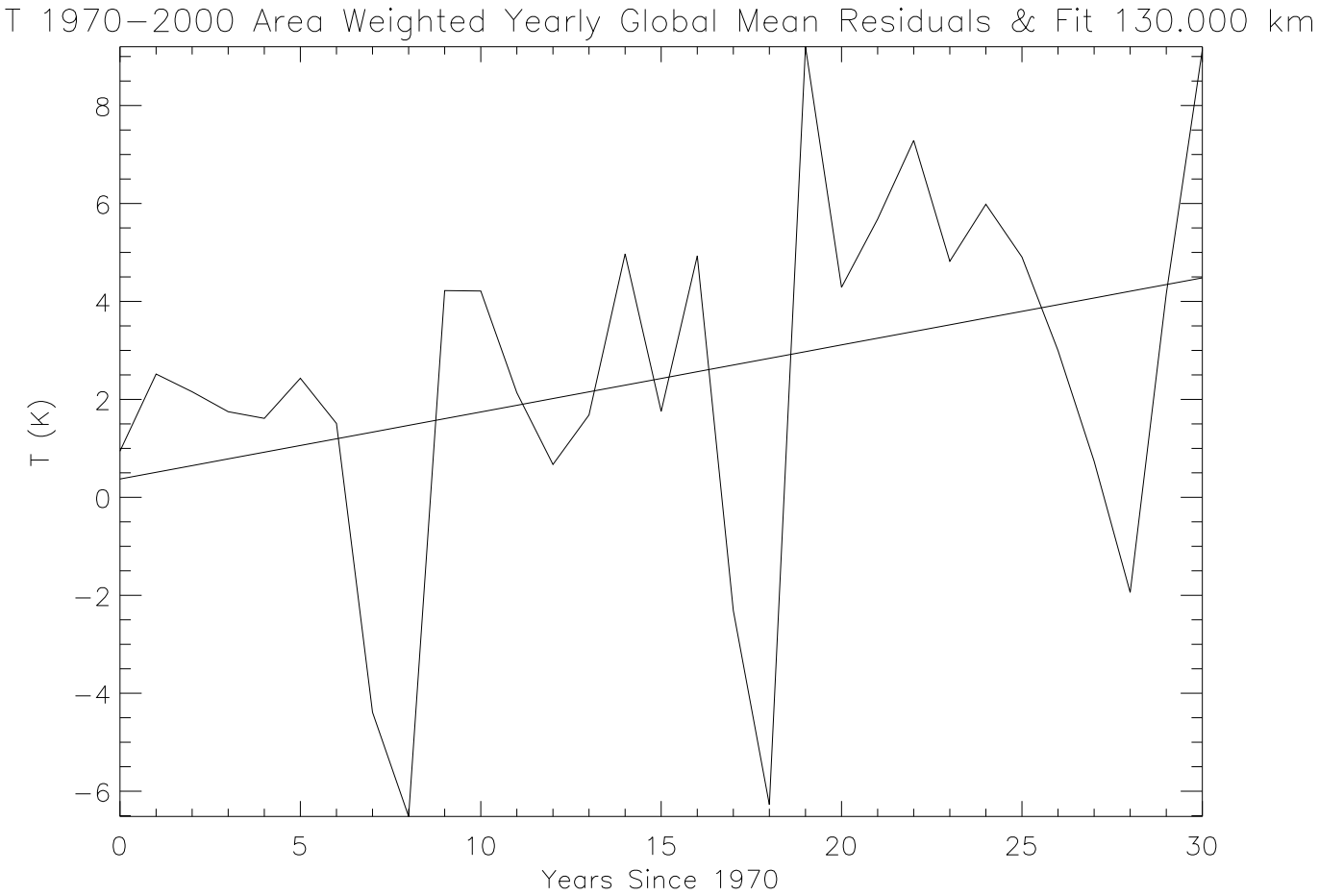

T 1955−2005 Area Weighted Yearly Global Mean Residuals & Fit 135.000 km
T (K)
10
5
0
−5
−10
−15
0
10
20
30
40
50
Years Since 1955

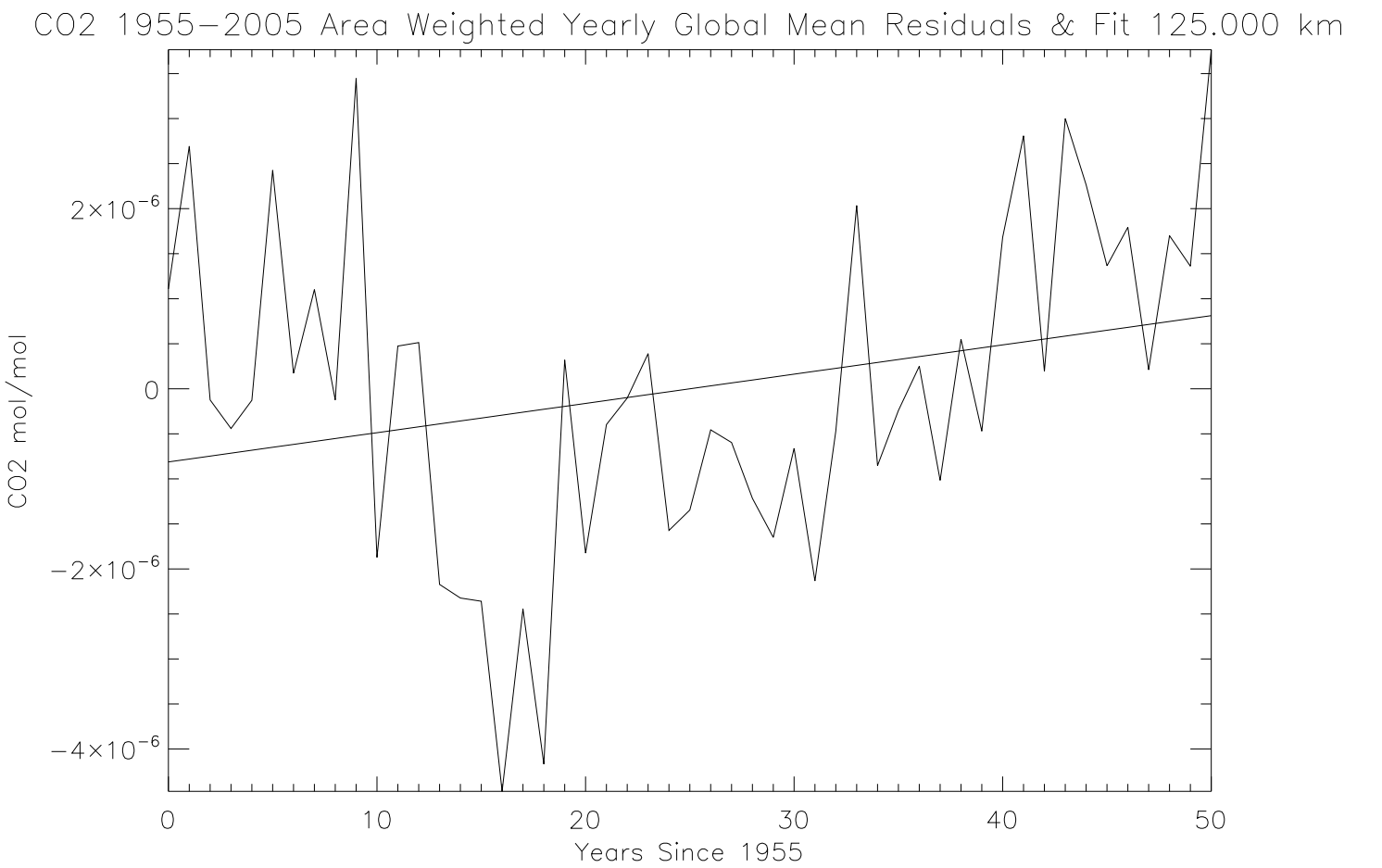

T 1970−2000 Area Weighted Yearly Global Mean Residuals & Fit 135.000 km
T (K)
10
5
0
−5
0
5
10
15
20
25
30
Years Since 1970

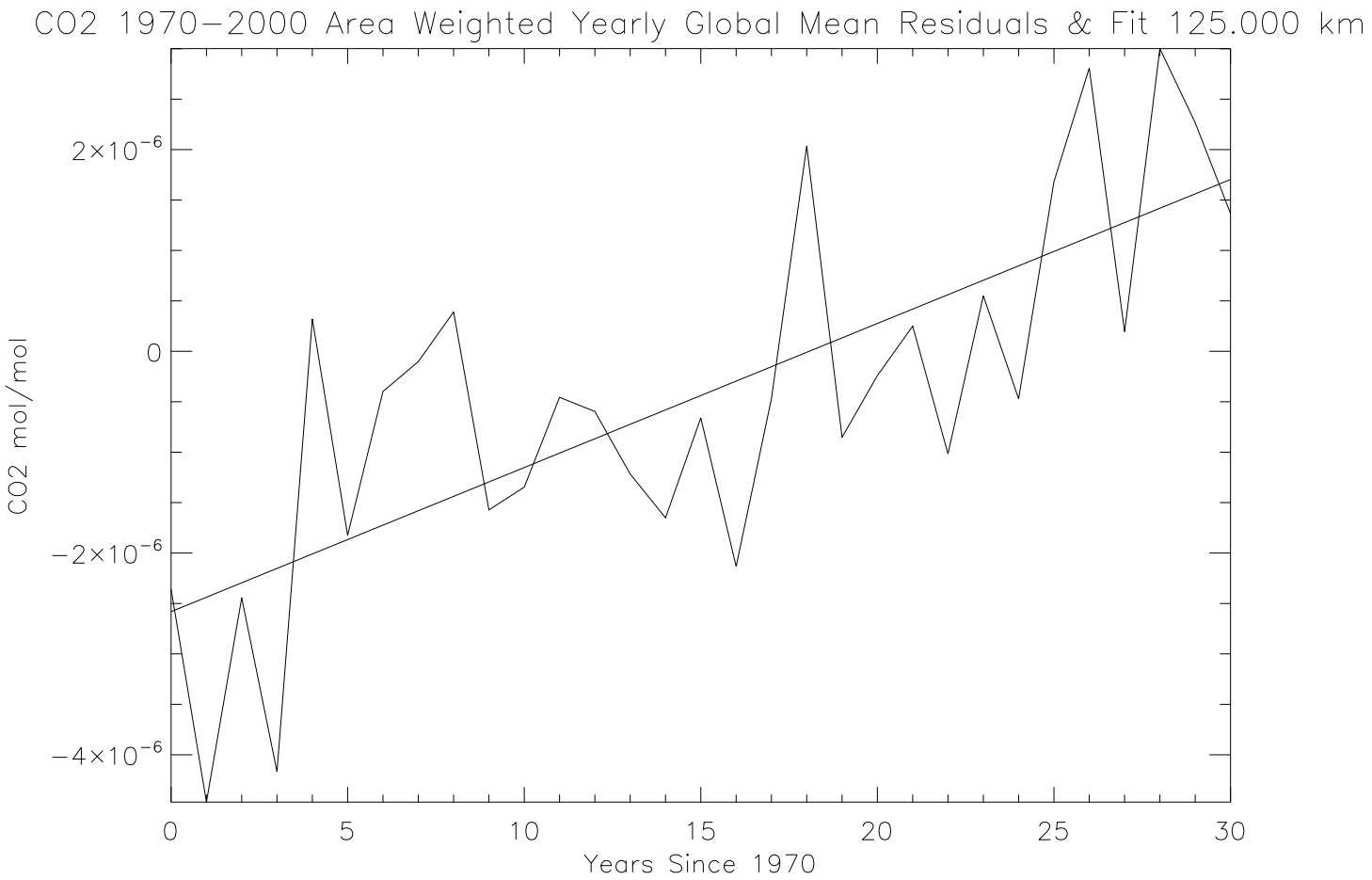

CO2 1955–2005 Area Weighted Yearly Global Mean Residuals & Fit 130.000 km
3×10⁻⁶
2×10⁻⁶
1×10⁻⁶
0
−1×10⁻⁶
−2×10⁻⁶
−3×10⁻⁶
CO2 mol/mol
0
10
20
30
40
50
Years Since 1955

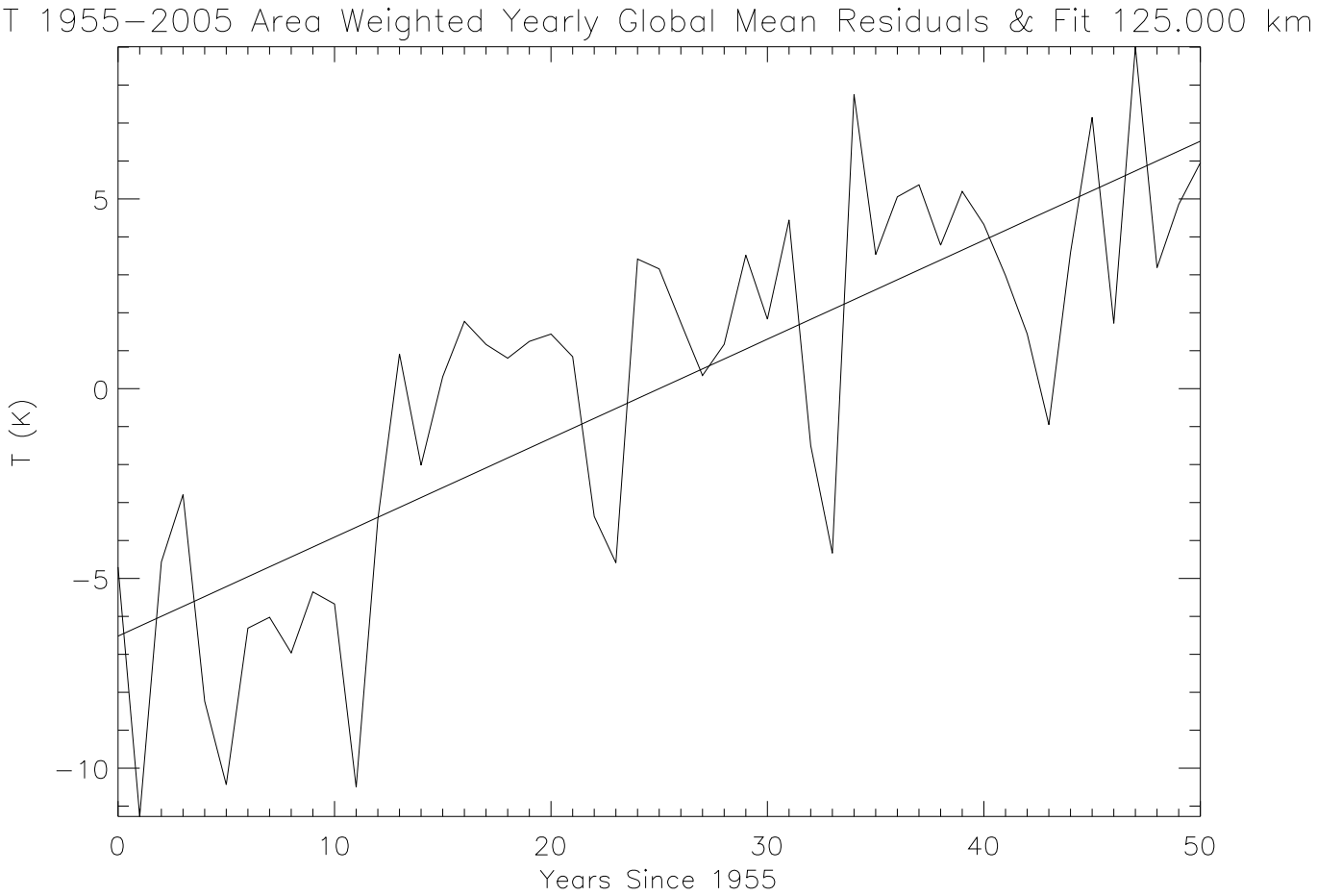

CO2 1970−2000 Area Weighted Yearly Global Mean Residuals & Fit 130.000 km
CO2 mol/mol
2×10−6
1×10−6
0
−1×10−6
−2×10−6
−3×10−6
0
5
10
15
20
25
30
Years Since 1970

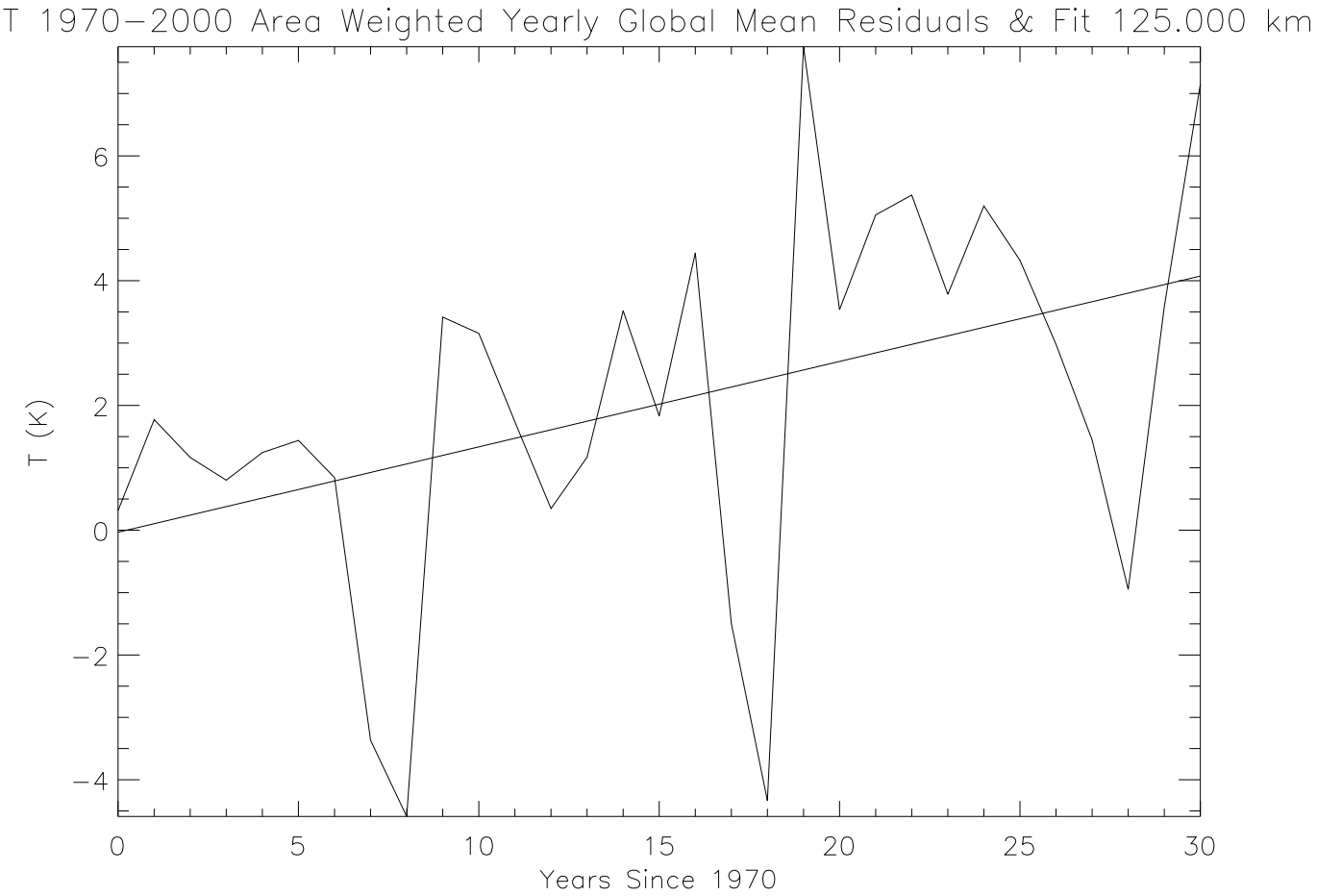

T 1955–2005 Area Weighted Yearly Global Mean Residuals & Fit 130.000 km
T (K)
10
5
0
−5
−10
0
10
20
30
40
50
Years Since 1955

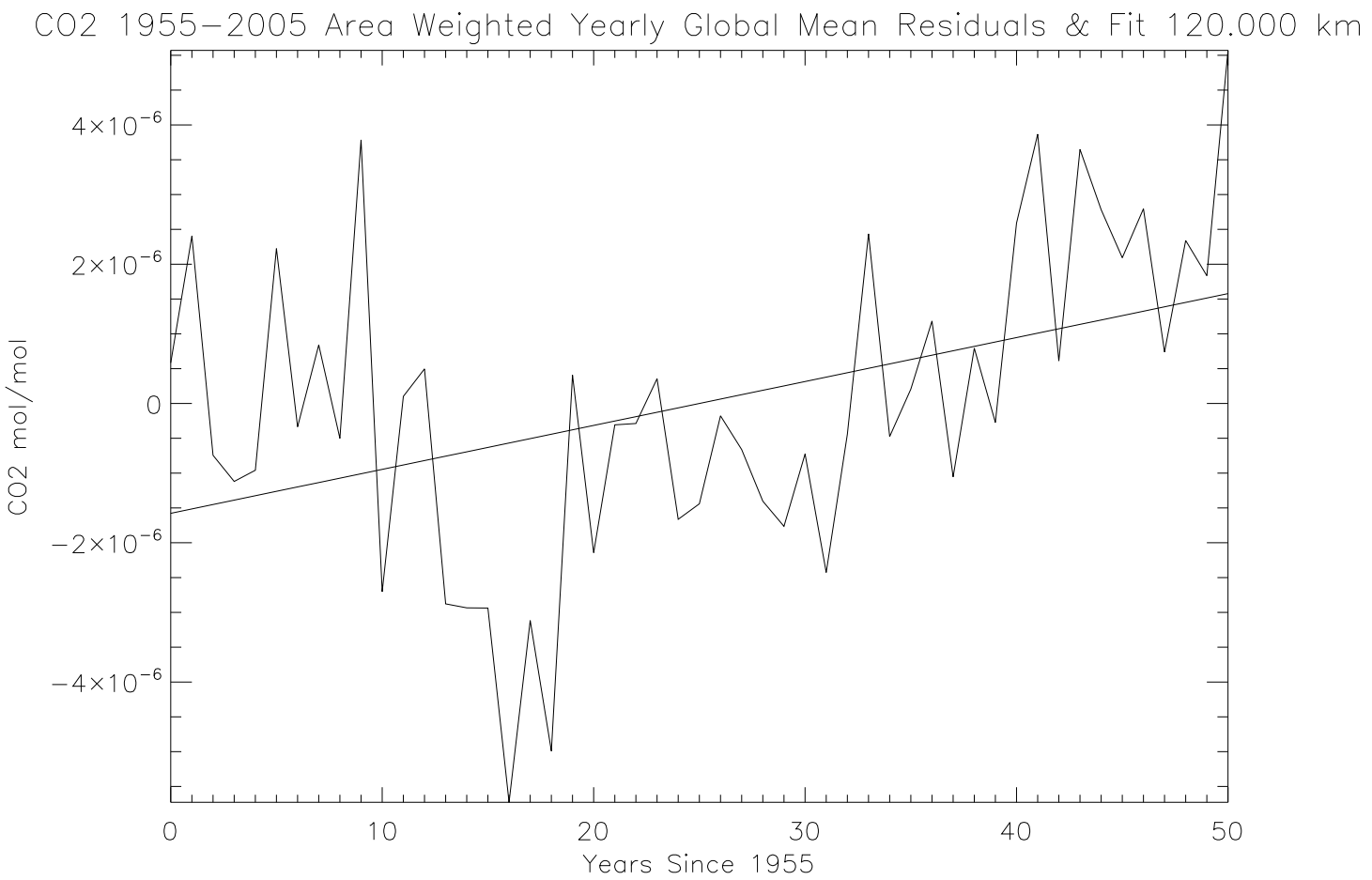

T 1970−2000 Area Weighted Yearly Global Mean Residuals & Fit 130.000 km
T (K)
8
6
4
2
0
−2
−4
−6
0
5
10
15
20
25
30
Years Since 1970

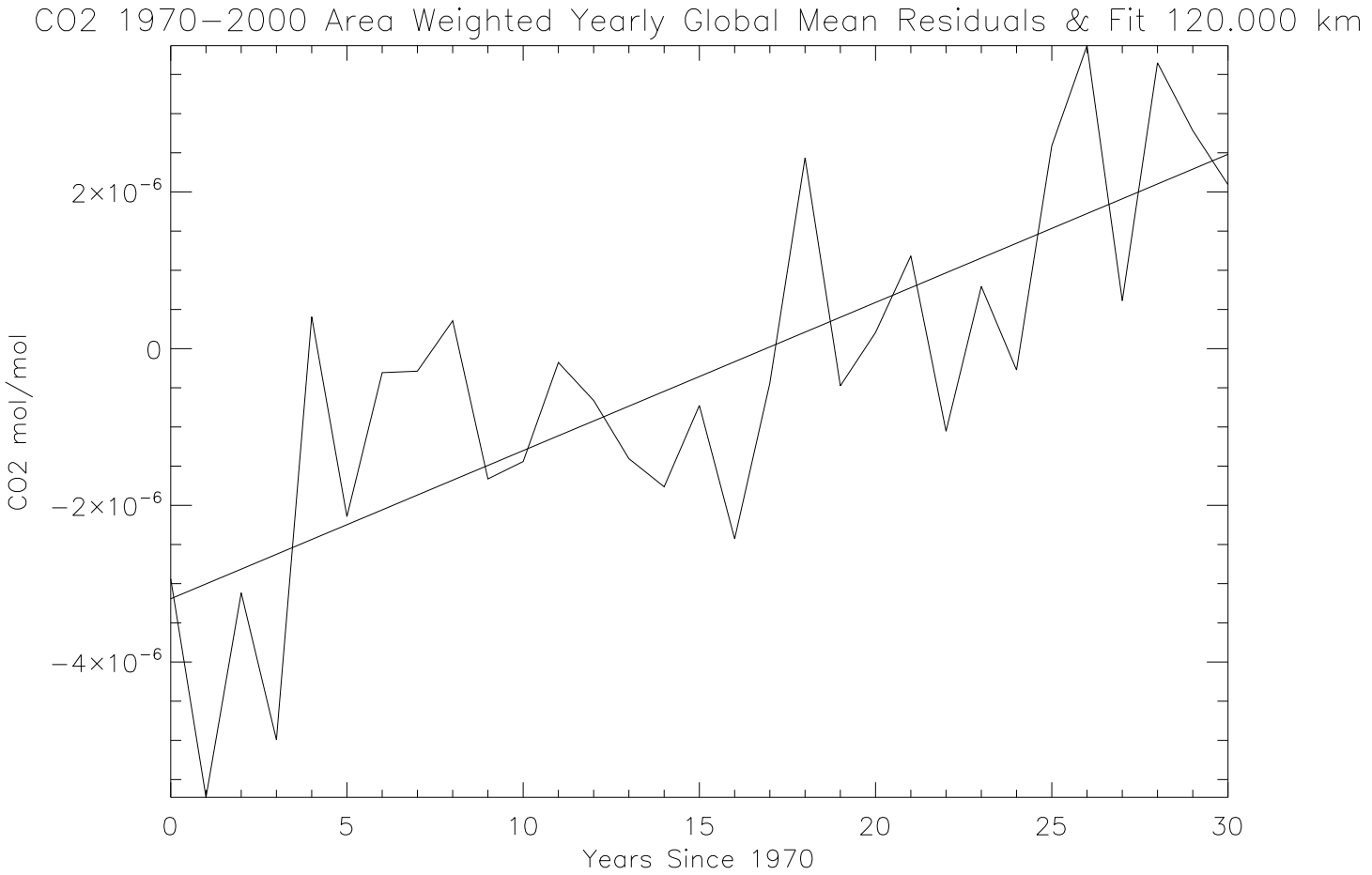

CO2 1955–2005 Area Weighted Yearly Global Mean Residuals & Fit 125.000 km
CO2 mol/mol
2×10⁻⁶
0
−2×10⁻⁶
−4×10⁻⁶
0
10
20
30
40
50
Years Since 1955

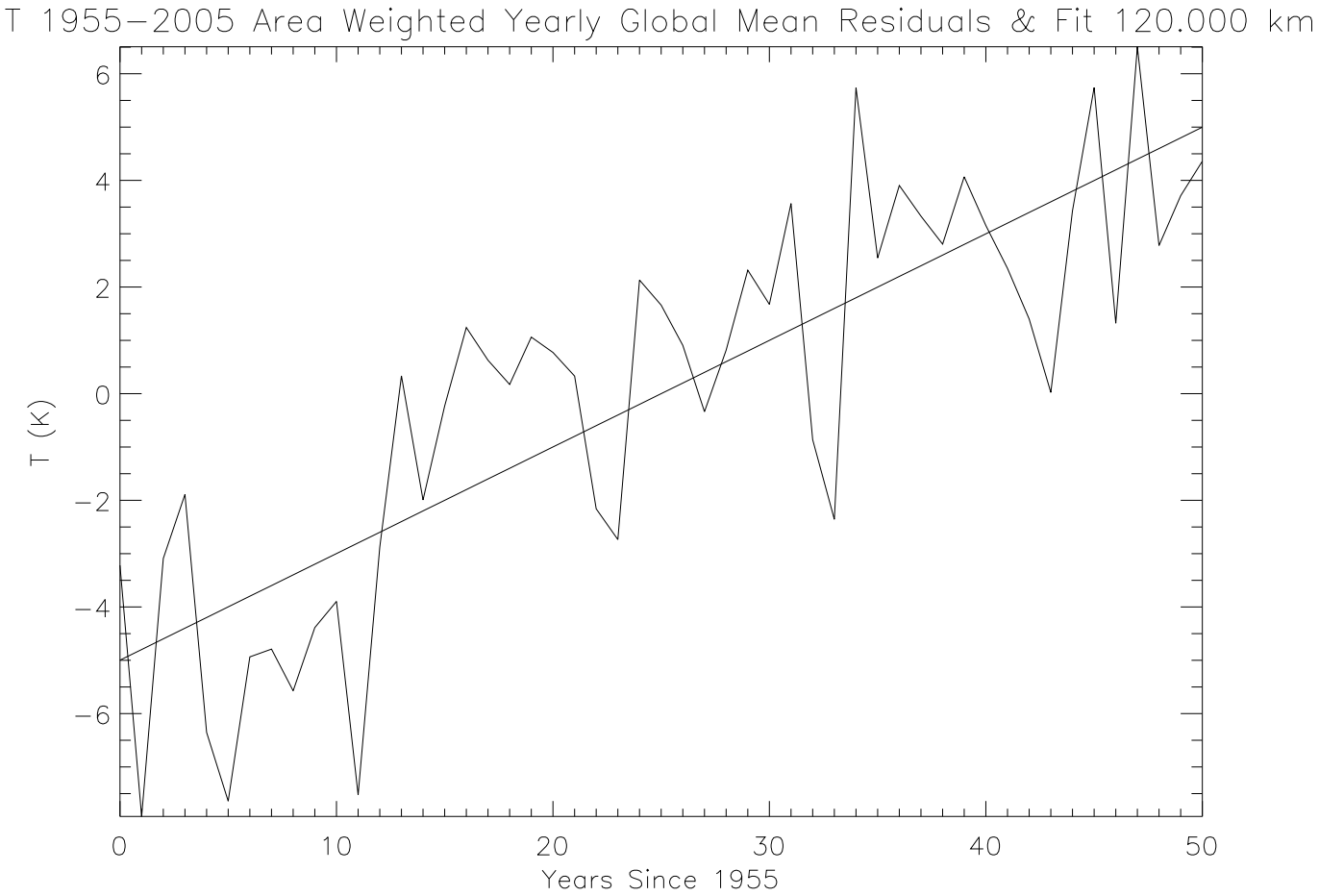

CO2 1970−2000 Area Weighted Yearly Global Mean Residuals & Fit 125.000 km
2×10−6
0
−2×10−6
−4×10−6
CO2 mol/mol
0
5
10
15
20
25
30
Years Since 1970

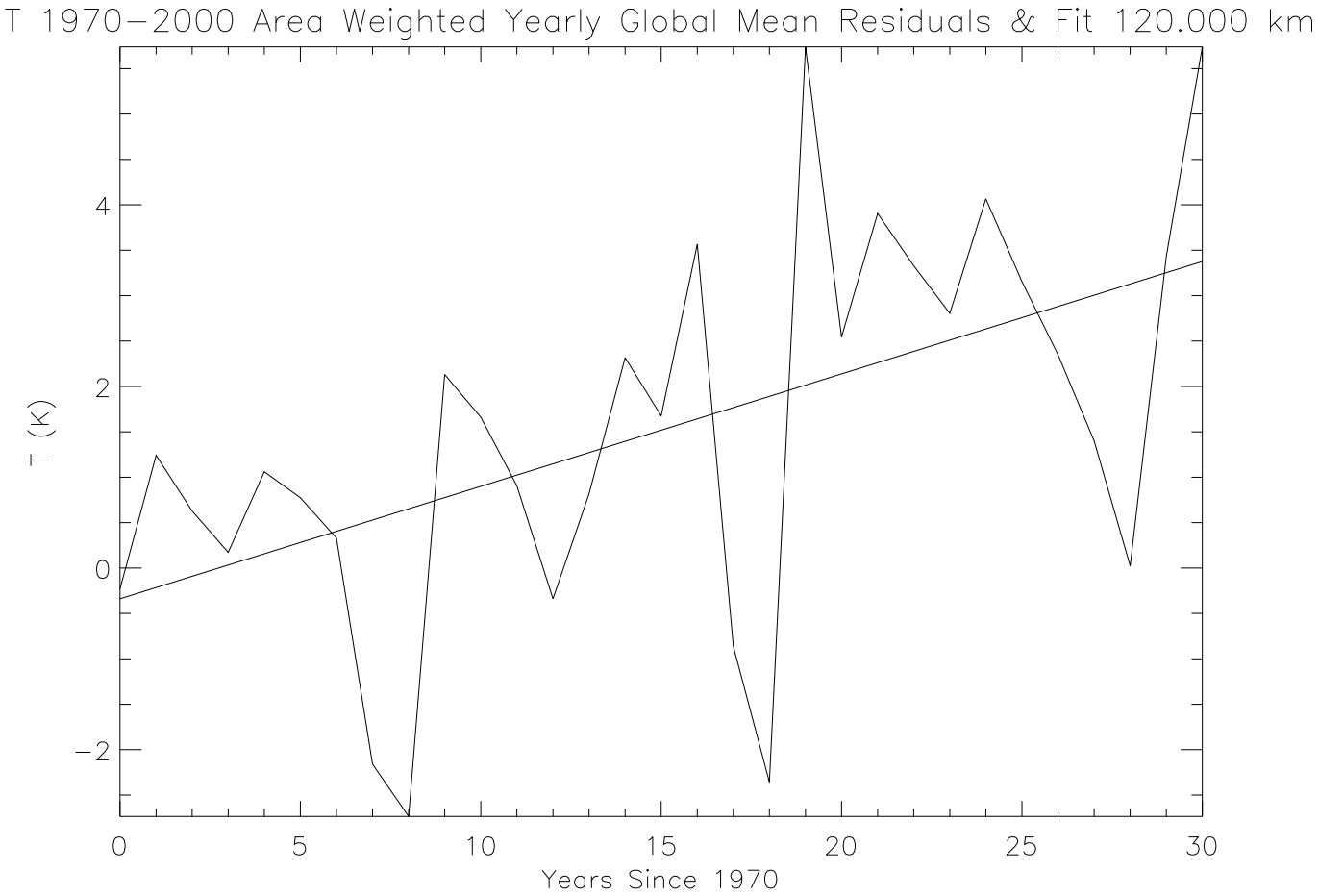

T 1955−2005 Area Weighted Yearly Global Mean Residuals & Fit 125.000 km
T (K)
5
0
−5
−10
0
10
20
30
40
50
Years Since 1955

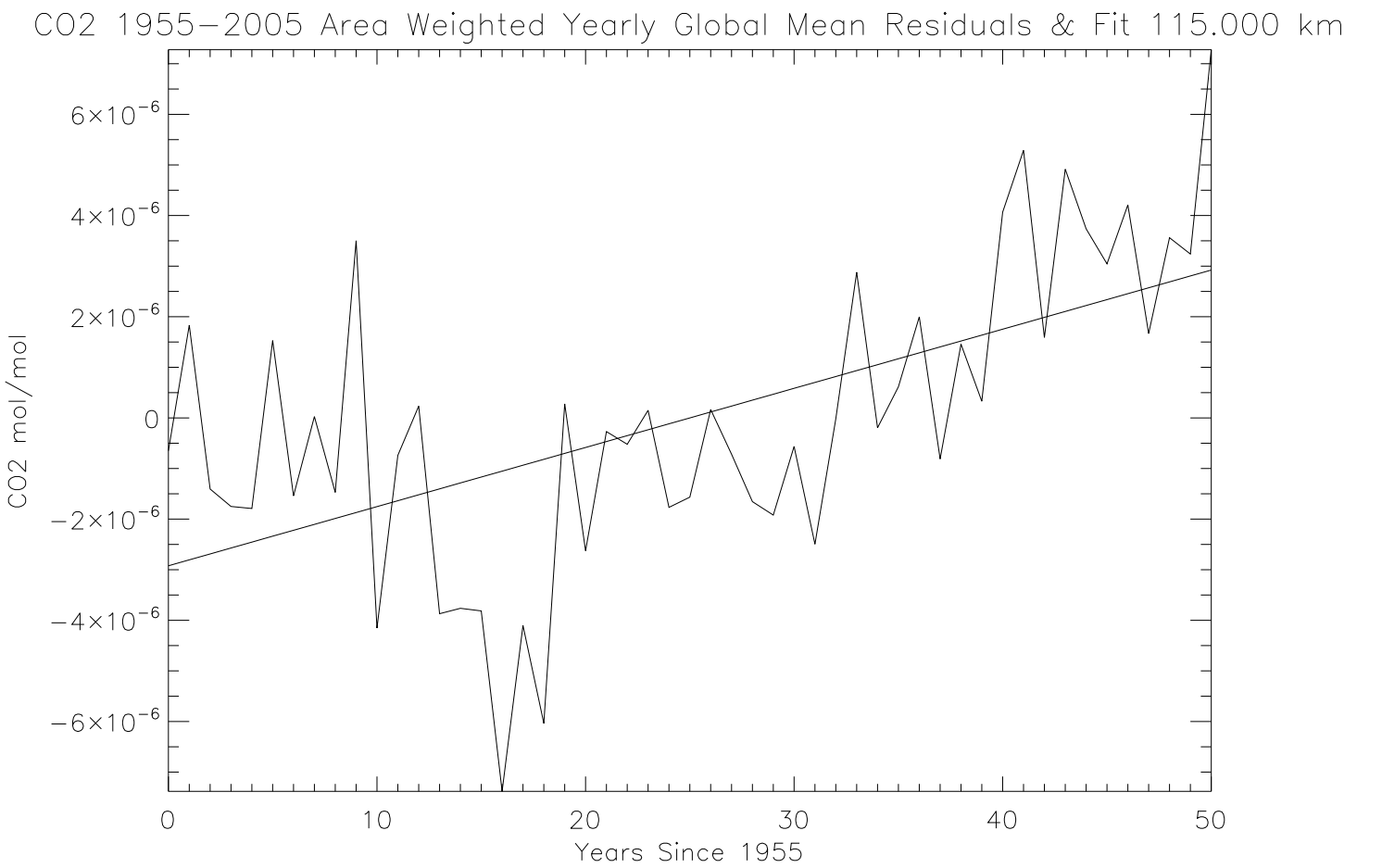

T 1970−2000 Area Weighted Yearly Global Mean Residuals & Fit 125.000 km
T (K)
6
4
2
0
−2
−4
0
5
10
15
20
25
30
Years Since 1970

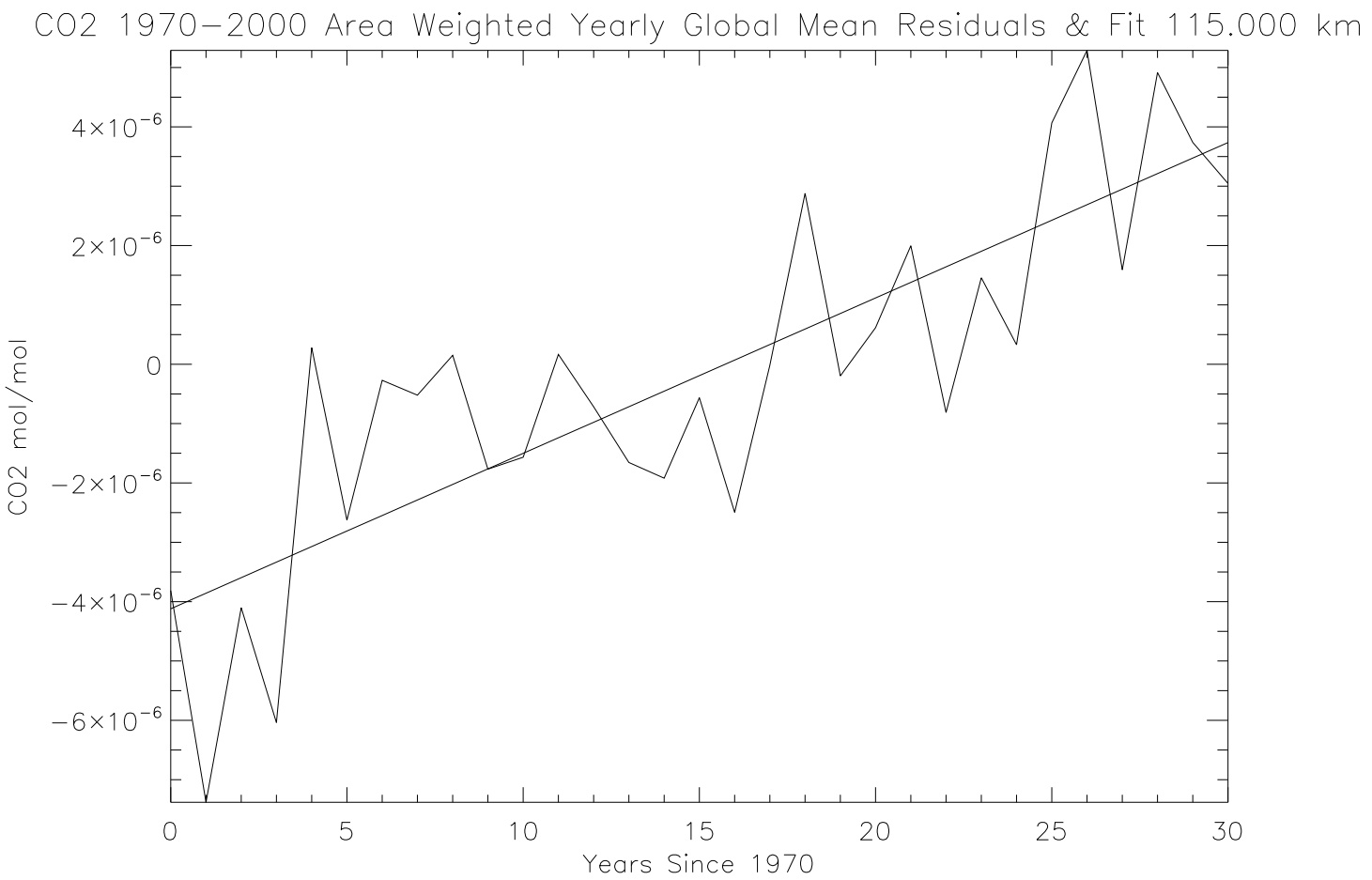

CO2 1955–2005 Area Weighted Yearly Global Mean Residuals & Fit 120.000 km
4×10⁻⁶
2×10⁻⁶
0
−2×10⁻⁶
−4×10⁻⁶
CO2 mol/mol
0
10
20
30
40
50
Years Since 1955

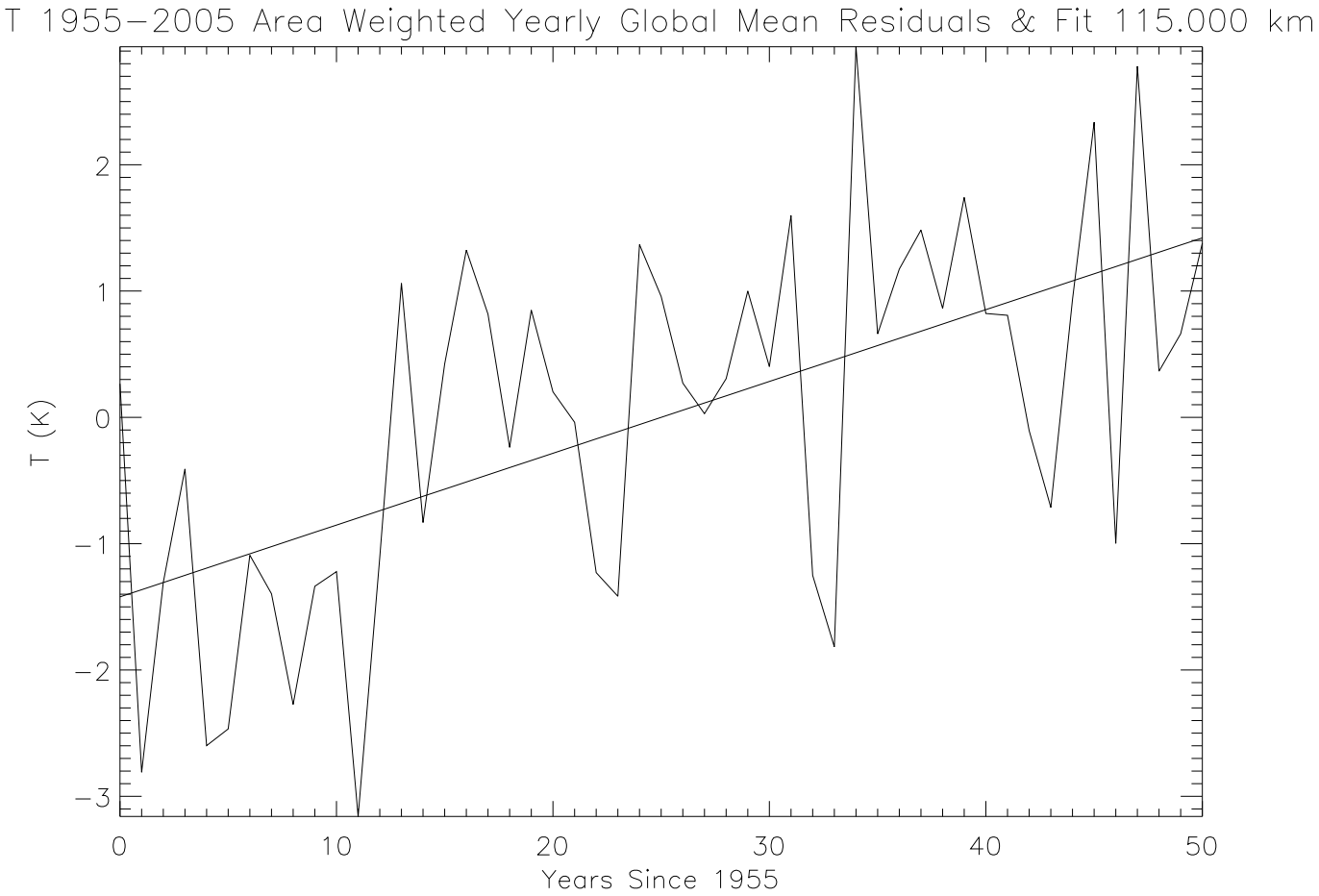

CO2 1970−2000 Area Weighted Yearly Global Mean Residuals & Fit 120.000 km
2×10−6
0
−2×10−6
−4×10−6
CO2 mol/mol
0
5
10
15
20
25
30
Years Since 1970

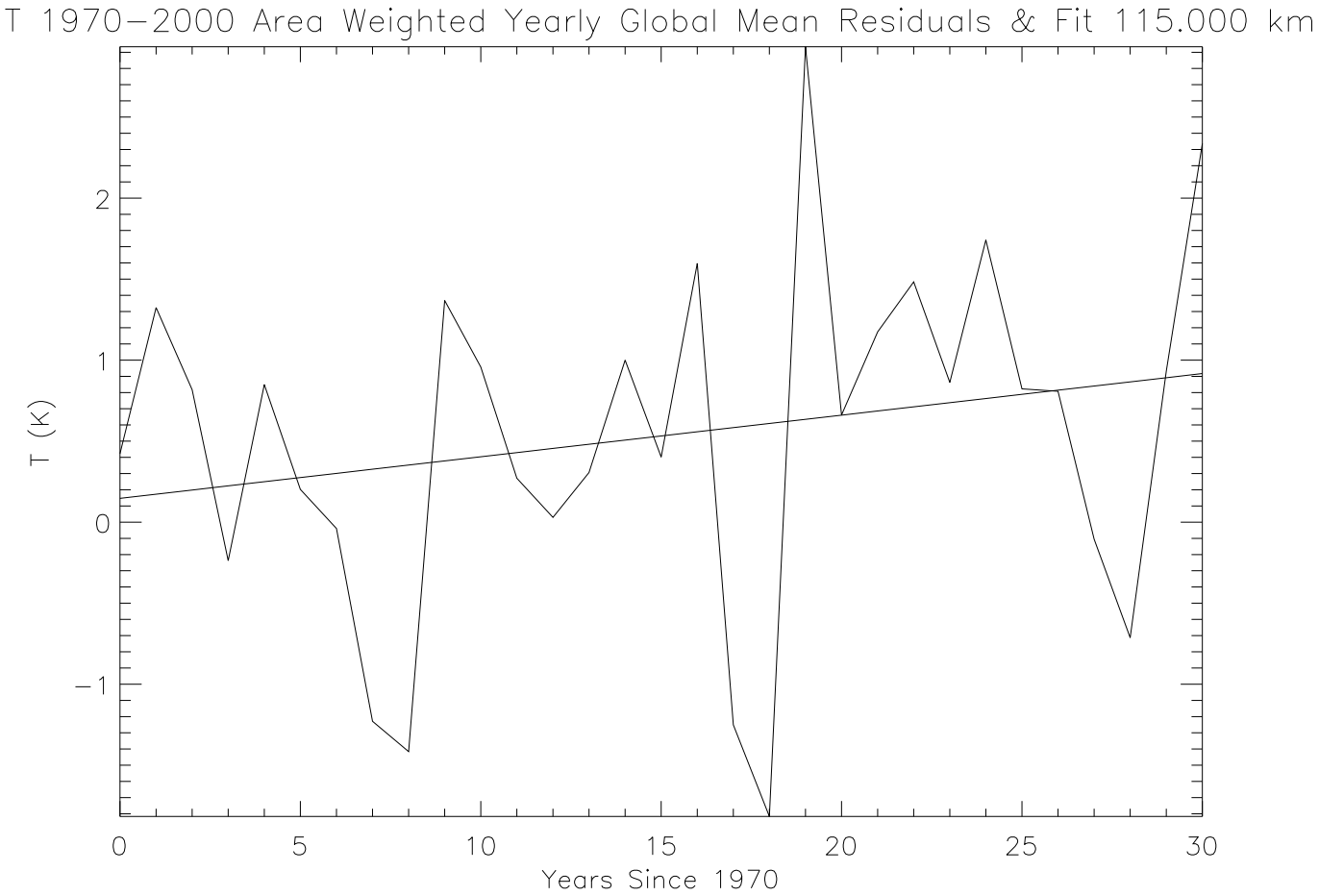

T 1955−2005 Area Weighted Yearly Global Mean Residuals & Fit 120.000 km
T (K)
6
4
2
0
−2
−4
−6
0
10
20
30
40
50
Years Since 1955

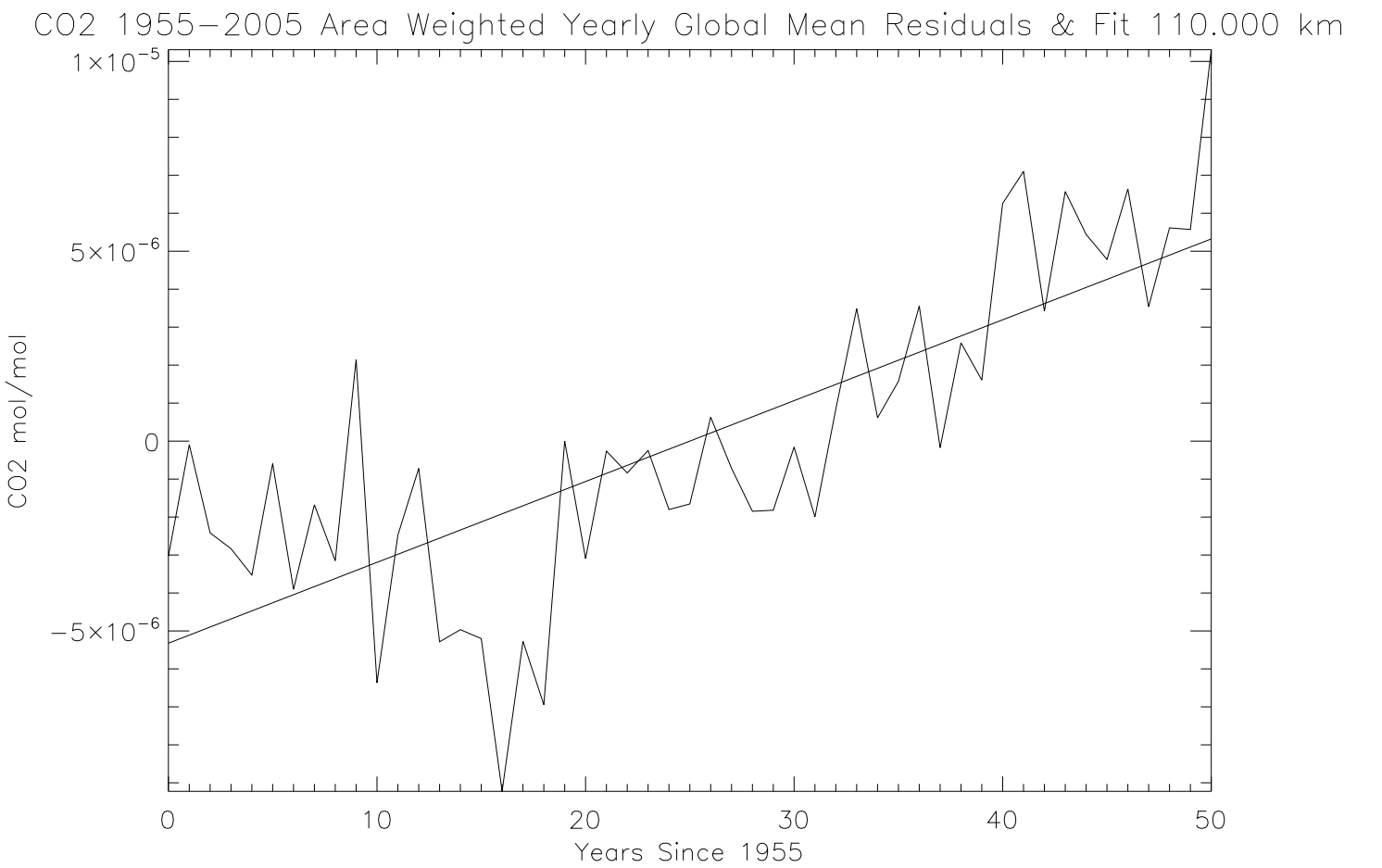

T 1970−2000 Area Weighted Yearly Global Mean Residuals & Fit 120.000 km
T (K)
4
2
0
−2
0
5
10
15
20
25
30
Years Since 1970

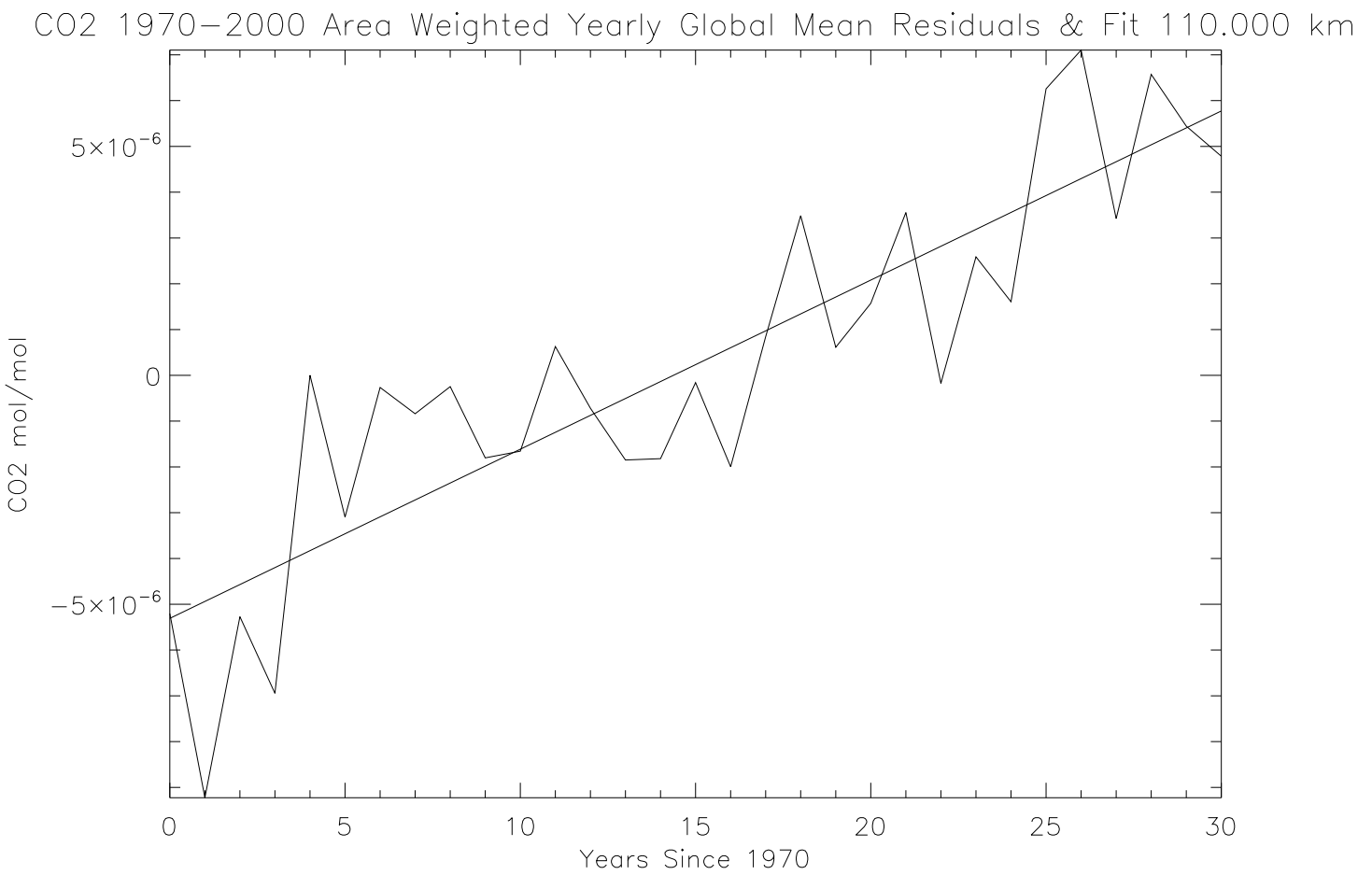

CO2 1955–2005 Area Weighted Yearly Global Mean Residuals & Fit 115.000 km
6×10⁻⁶
4×10⁻⁶
2×10⁻⁶
0
−2×10⁻⁶
−4×10⁻⁶
−6×10⁻⁶
CO2 mol/mol
0
10
20
30
40
50
Years Since 1955

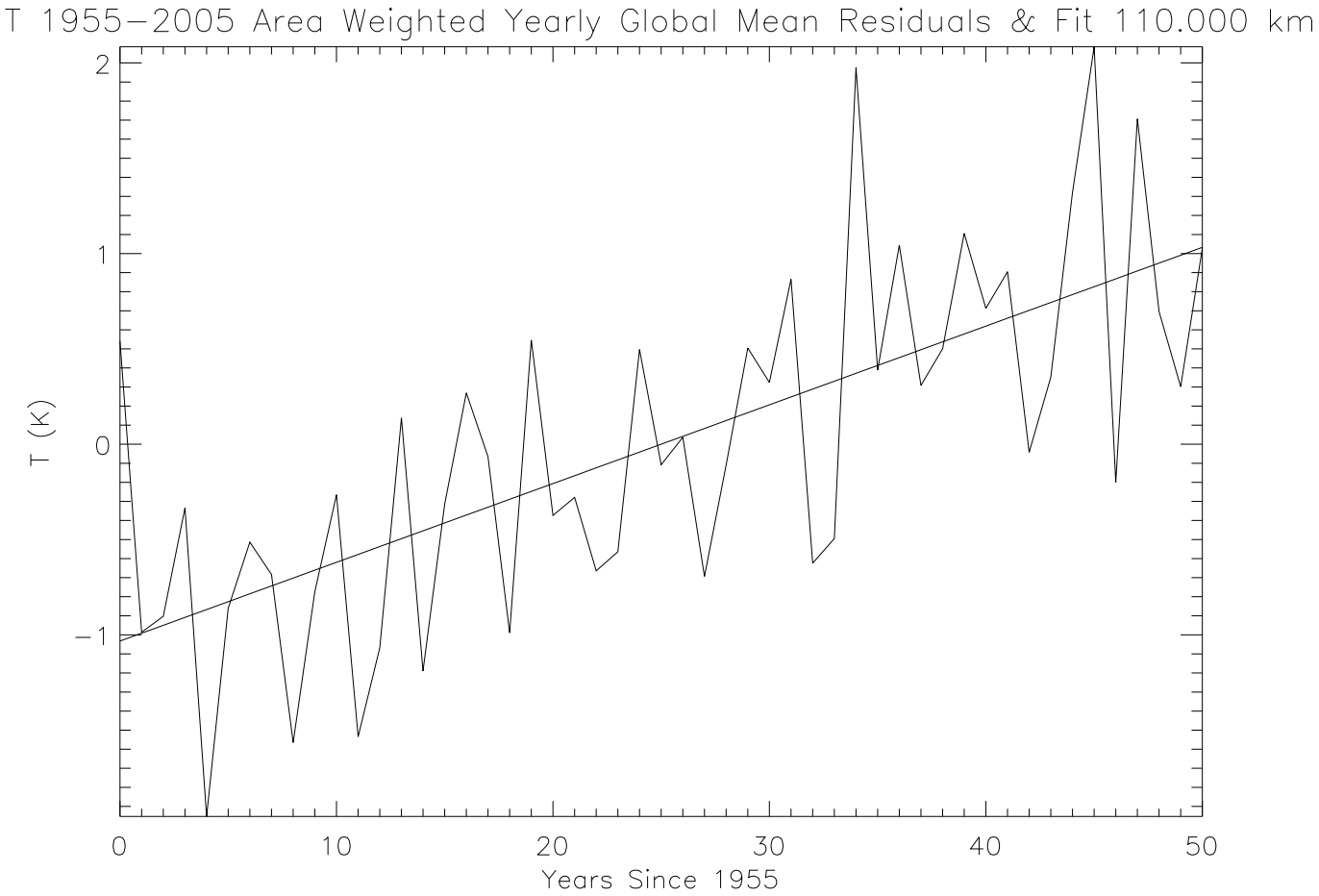

CO2 1970–2000 Area Weighted Yearly Global Mean Residuals & Fit 115.000 km
4×10⁻⁶
2×10⁻⁶
0
−2×10⁻⁶
−4×10⁻⁶
−6×10⁻⁶
CO2 mol/mol
0
5
10
15
20
25
30
Years Since 1970

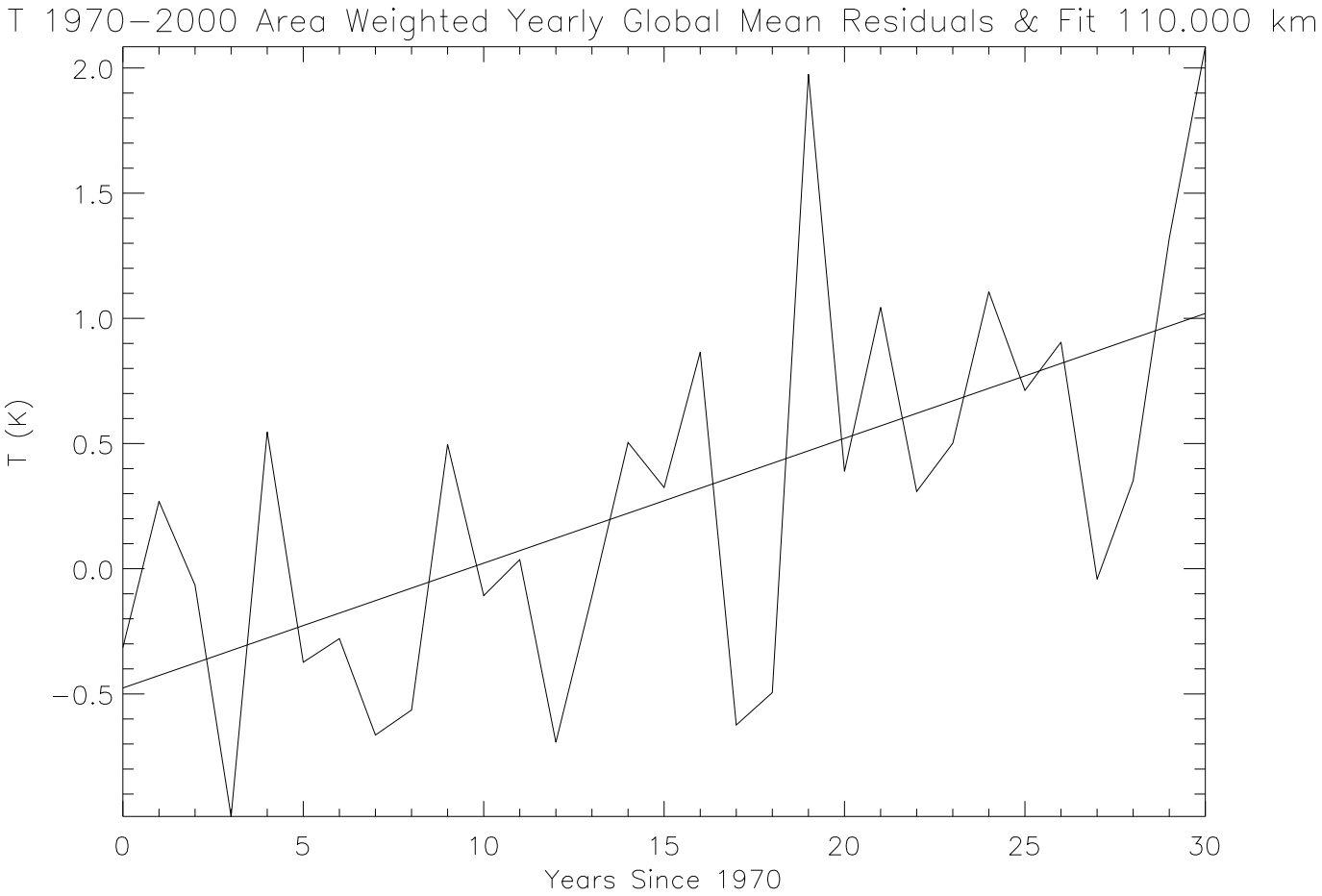

T 1955−2005 Area Weighted Yearly Global Mean Residuals & Fit 115.000 km
T (K)
2
1
0
−1
−2
−3
0
10
20
30
40
50
Years Since 1955

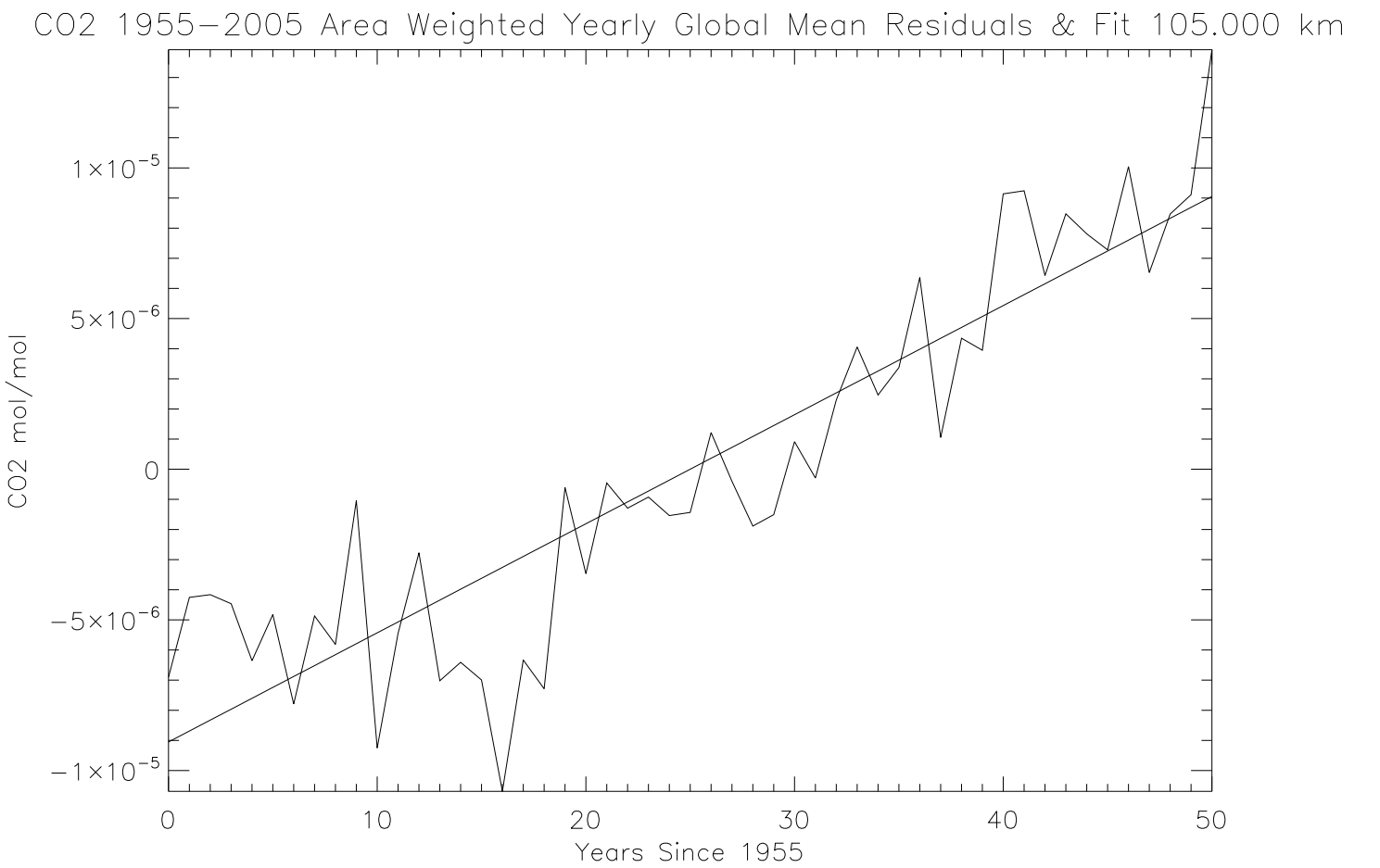

T 1970−2000 Area Weighted Yearly Global Mean Residuals & Fit 115.000 km
T (K)
2
1
0
−1
0
5
10
15
20
25
30
Years Since 1970

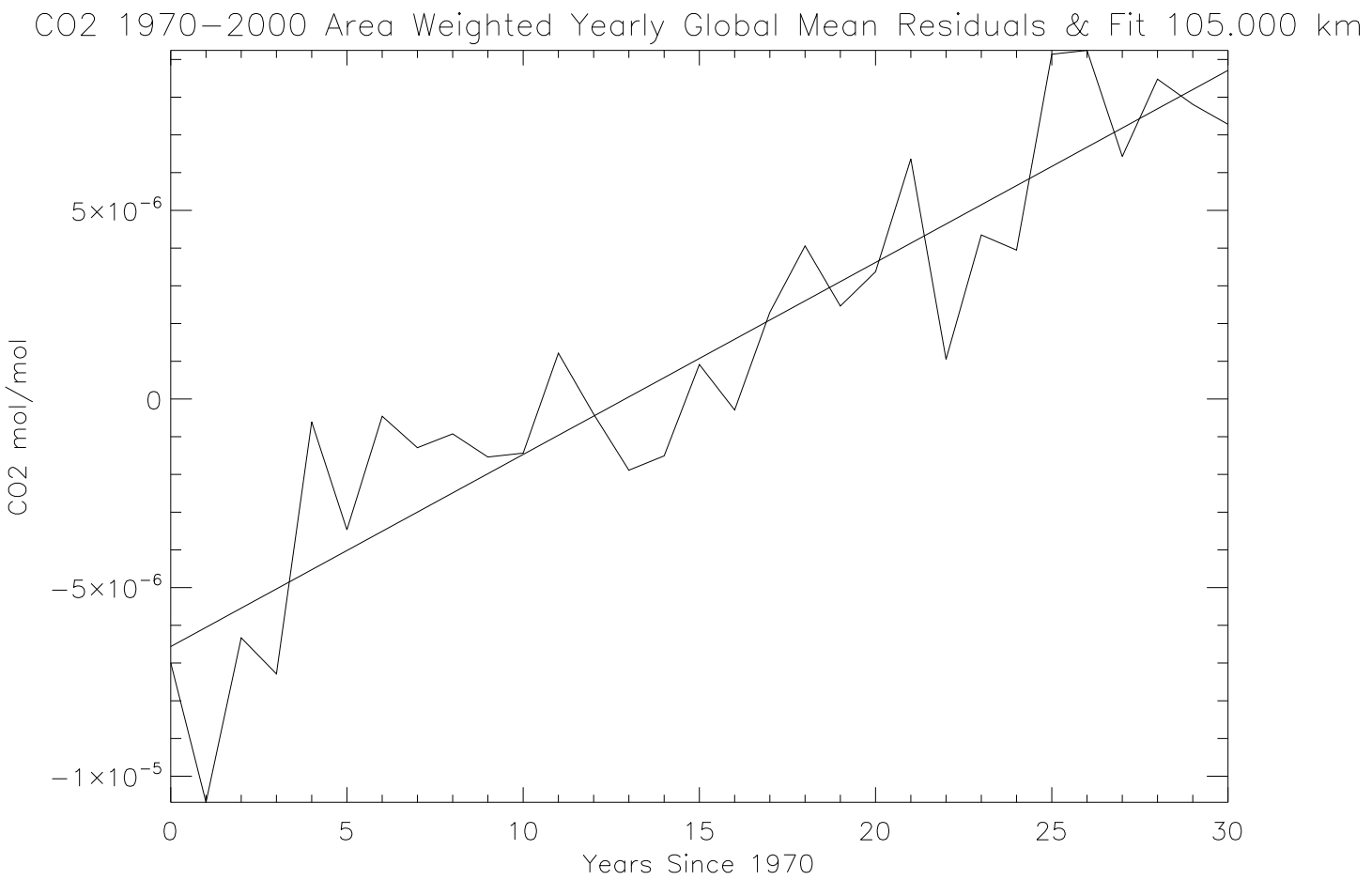

CO2 1955–2005 Area Weighted Yearly Global Mean Residuals & Fit 110.000 km
1×10^-5
5×10^-6
0
−5×10^-6
CO2 mol/mol
0
10
20
30
40
50
Years Since 1955

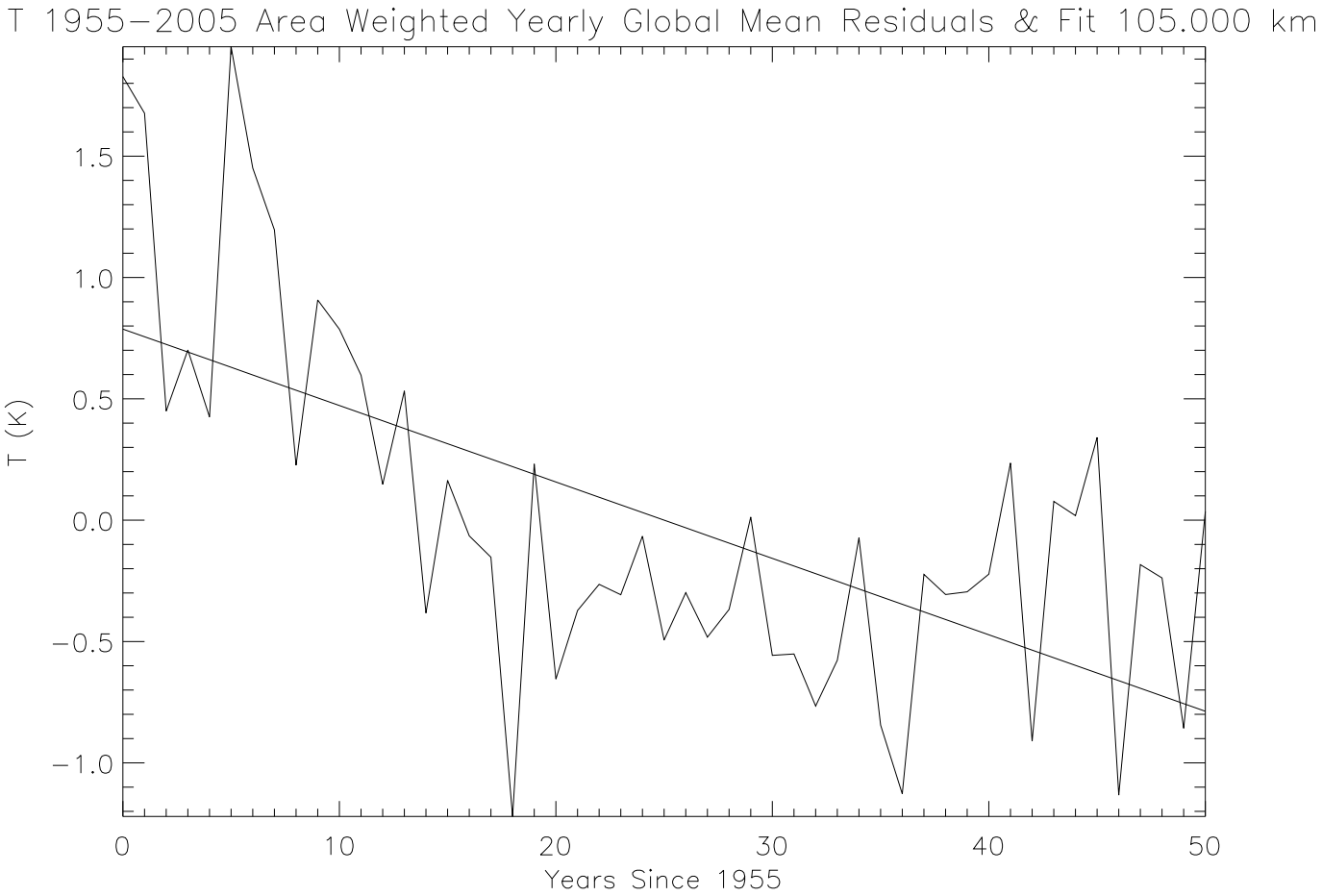

CO2 1970−2000 Area Weighted Yearly Global Mean Residuals & Fit 110.000 km
5×10⁻⁶
0
−5×10⁻⁶
CO2 mol/mol
0
5
10
15
20
25
30
Years Since 1970

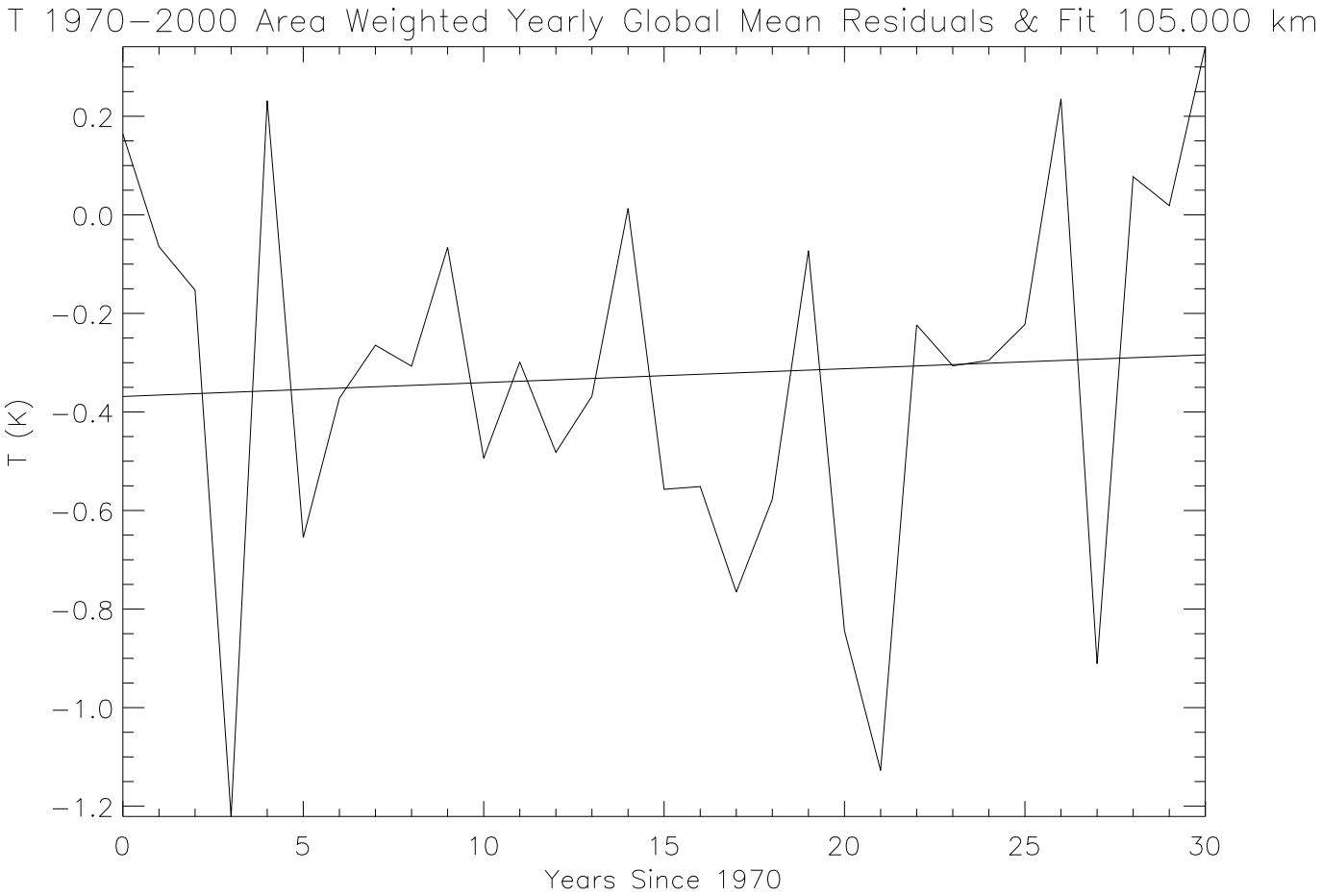

T 1955–2005 Area Weighted Yearly Global Mean Residuals & Fit 110.000 km
T (K)
2
1
0
−1
0
10
20
30
40
50
Years Since 1955

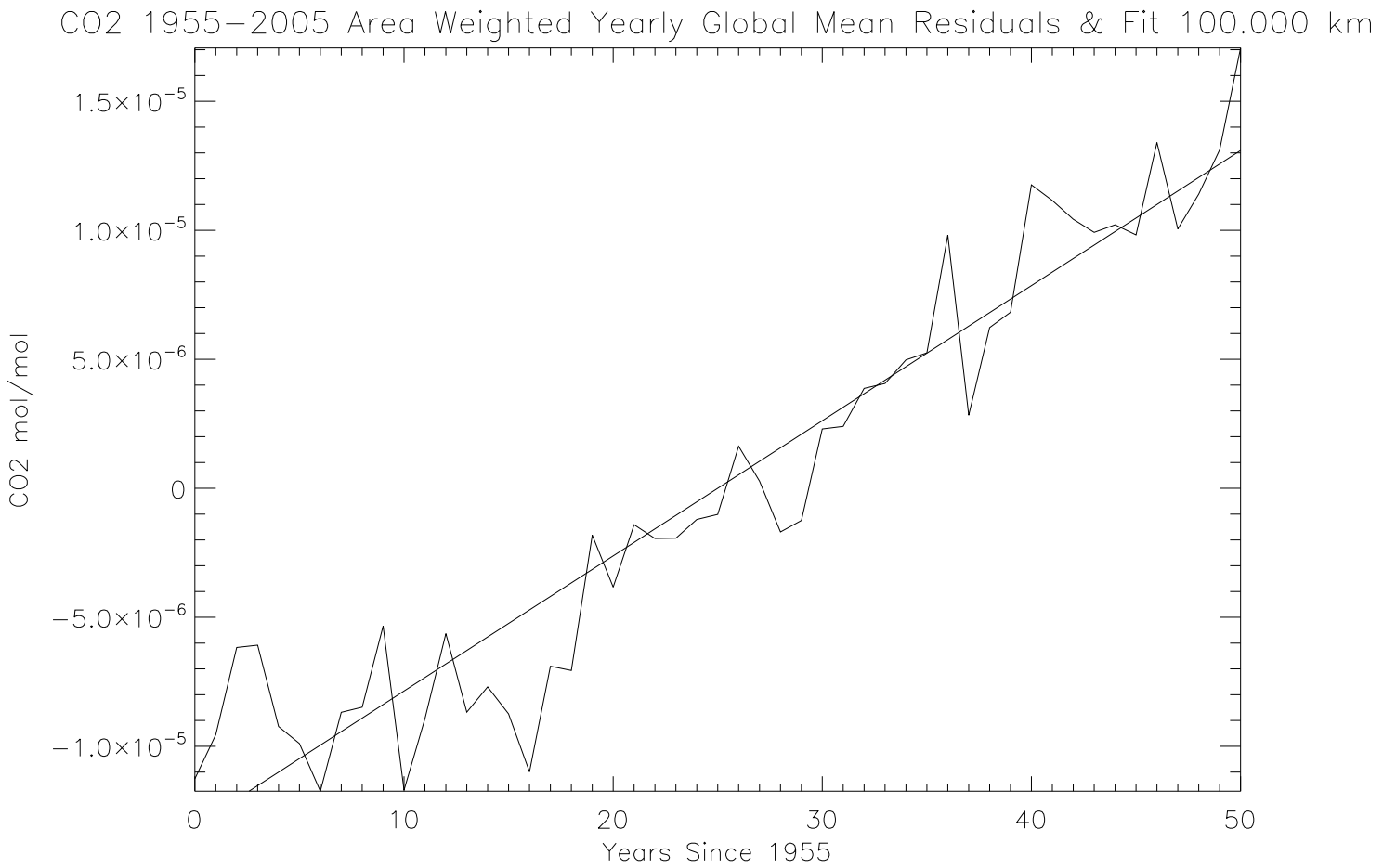

T 1970−2000 Area Weighted Yearly Global Mean Residuals & Fit 110.000 km
2.0
1.5
1.0
0.5
0.0
−0.5
T (K)
0
5
10
15
20
25
30
Years Since 1970

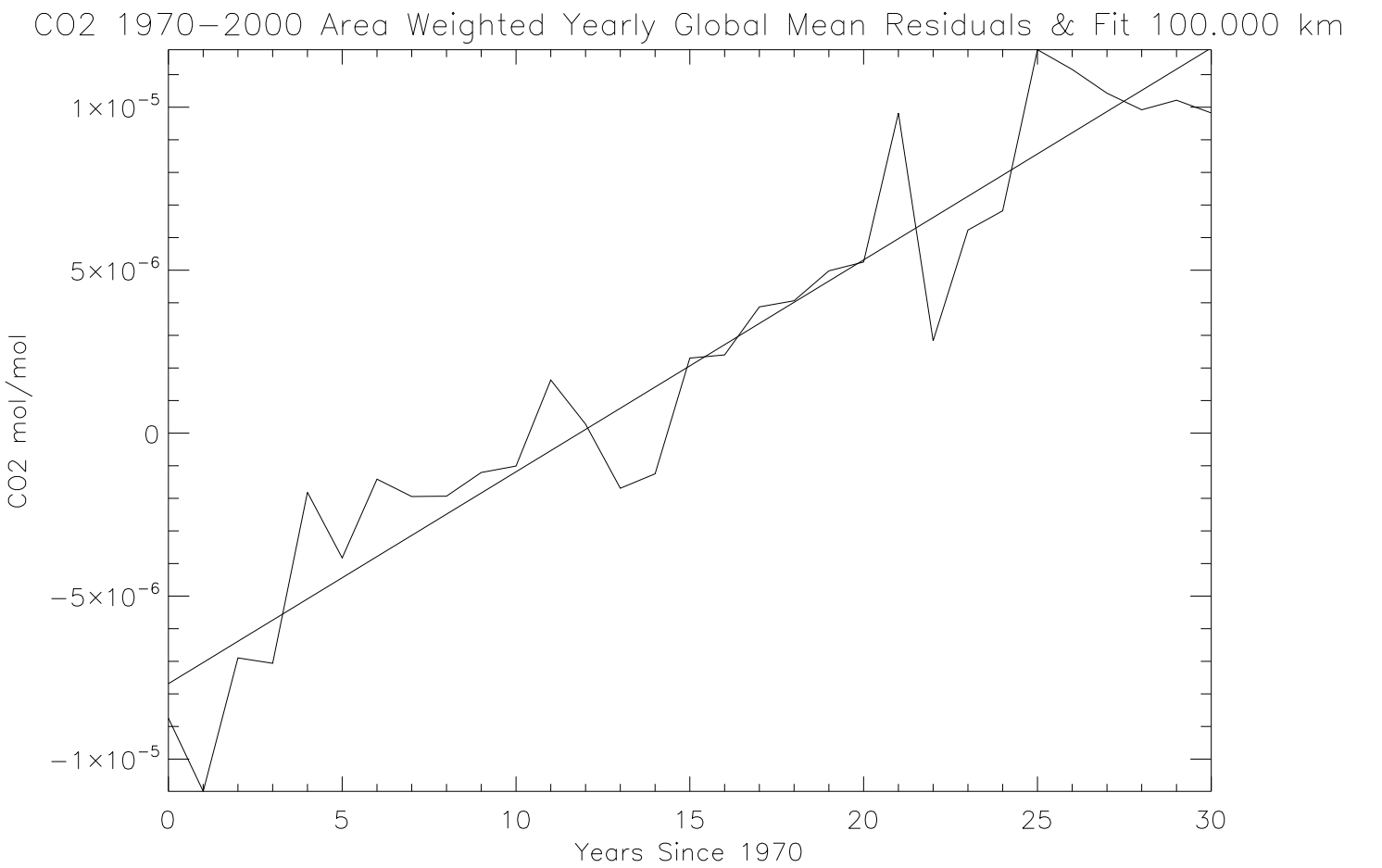

CO2 1955–2005 Area Weighted Yearly Global Mean Residuals & Fit 105.000 km
1×10^-5
5×10^-6
0
−5×10^-6
−1×10^-5
CO2 mol/mol
0
10
20
30
40
50
Years Since 1955

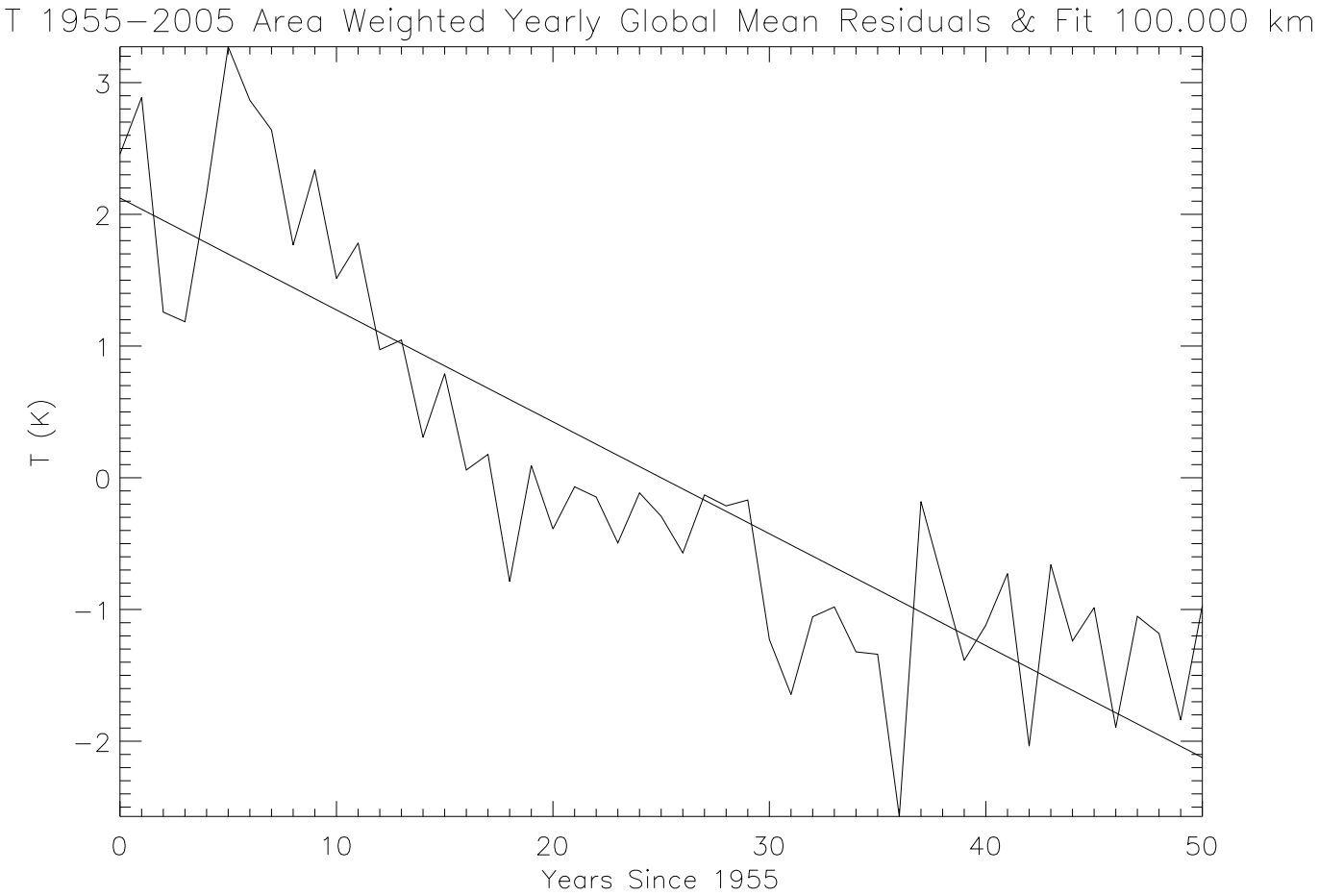

CO2 1970−2000 Area Weighted Yearly Global Mean Residuals & Fit 105.000 km
5×10−6
0
−5×10−6
−1×10−5
CO2 mol/mol
0
5
10
15
20
25
30
Years Since 1970

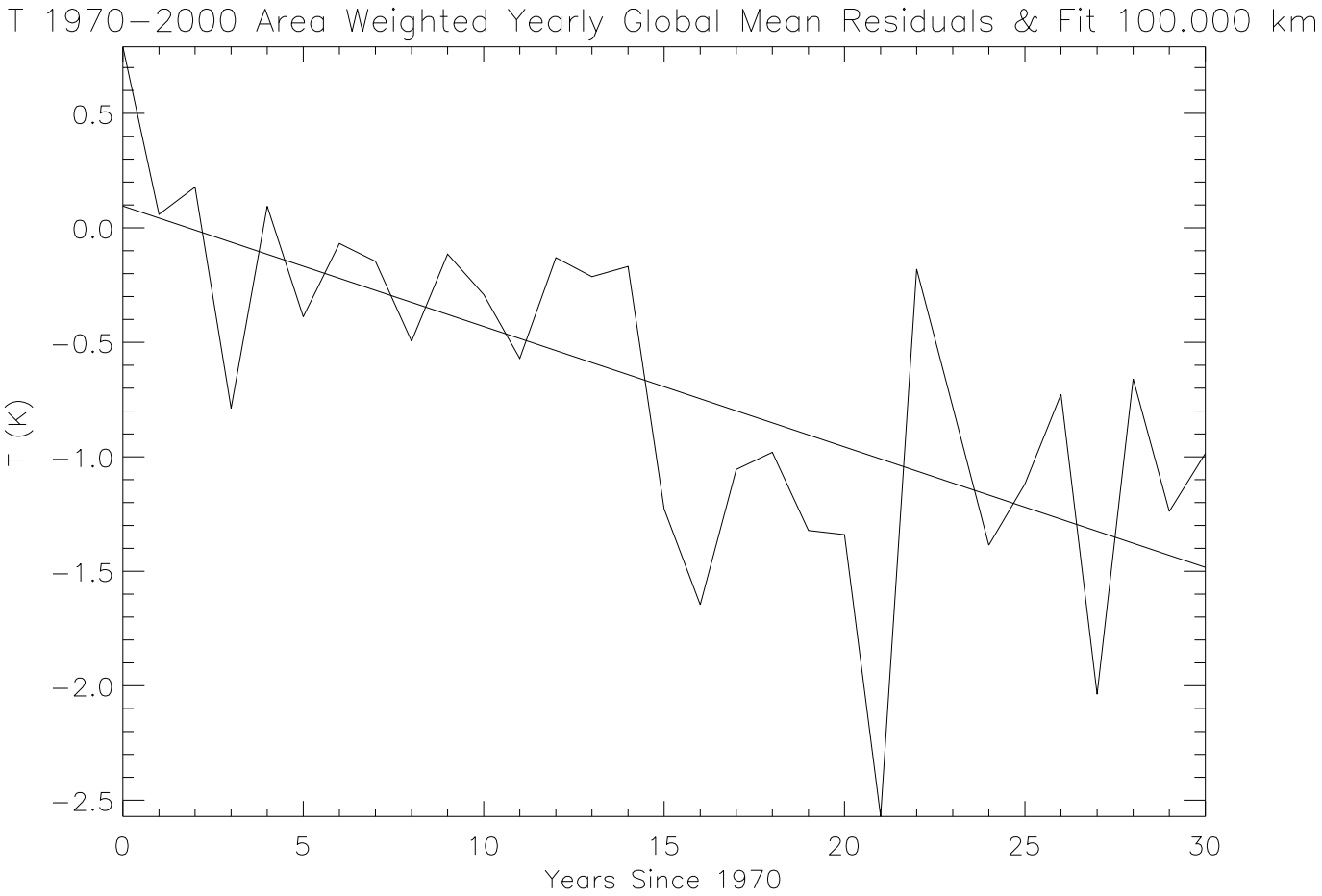

T 1955−2005 Area Weighted Yearly Global Mean Residuals & Fit 105.000 km
T (K)
1.5
1.0
0.5
0.0
−0.5
−1.0
0
10
20
30
40
50
Years Since 1955

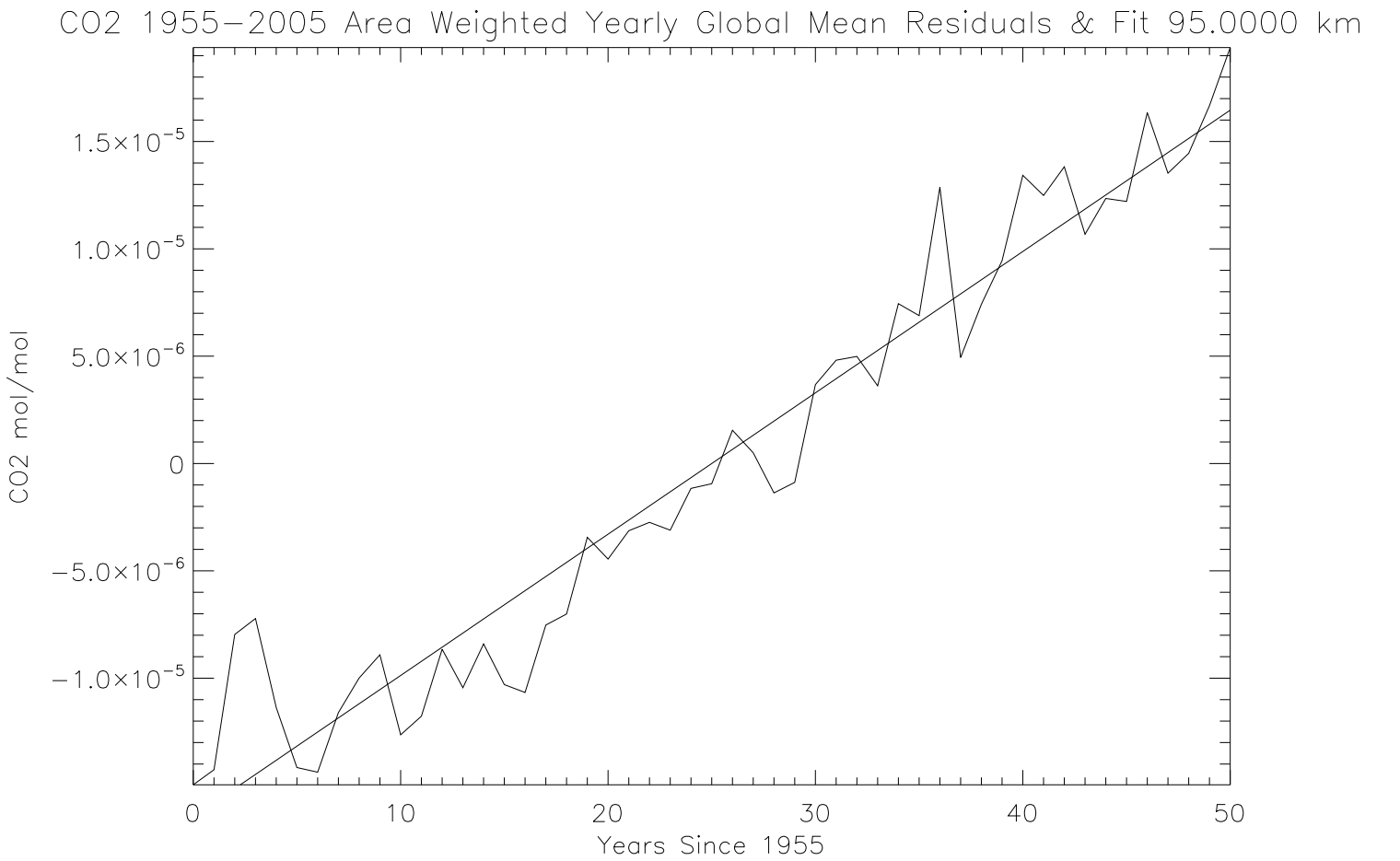

T 1970−2000 Area Weighted Yearly Global Mean Residuals & Fit 105.000 km
0.2
0.0
−0.2
−0.4
−0.6
−0.8
−1.0
−1.2
T (K)
0
5
10
15
20
25
30
Years Since 1970

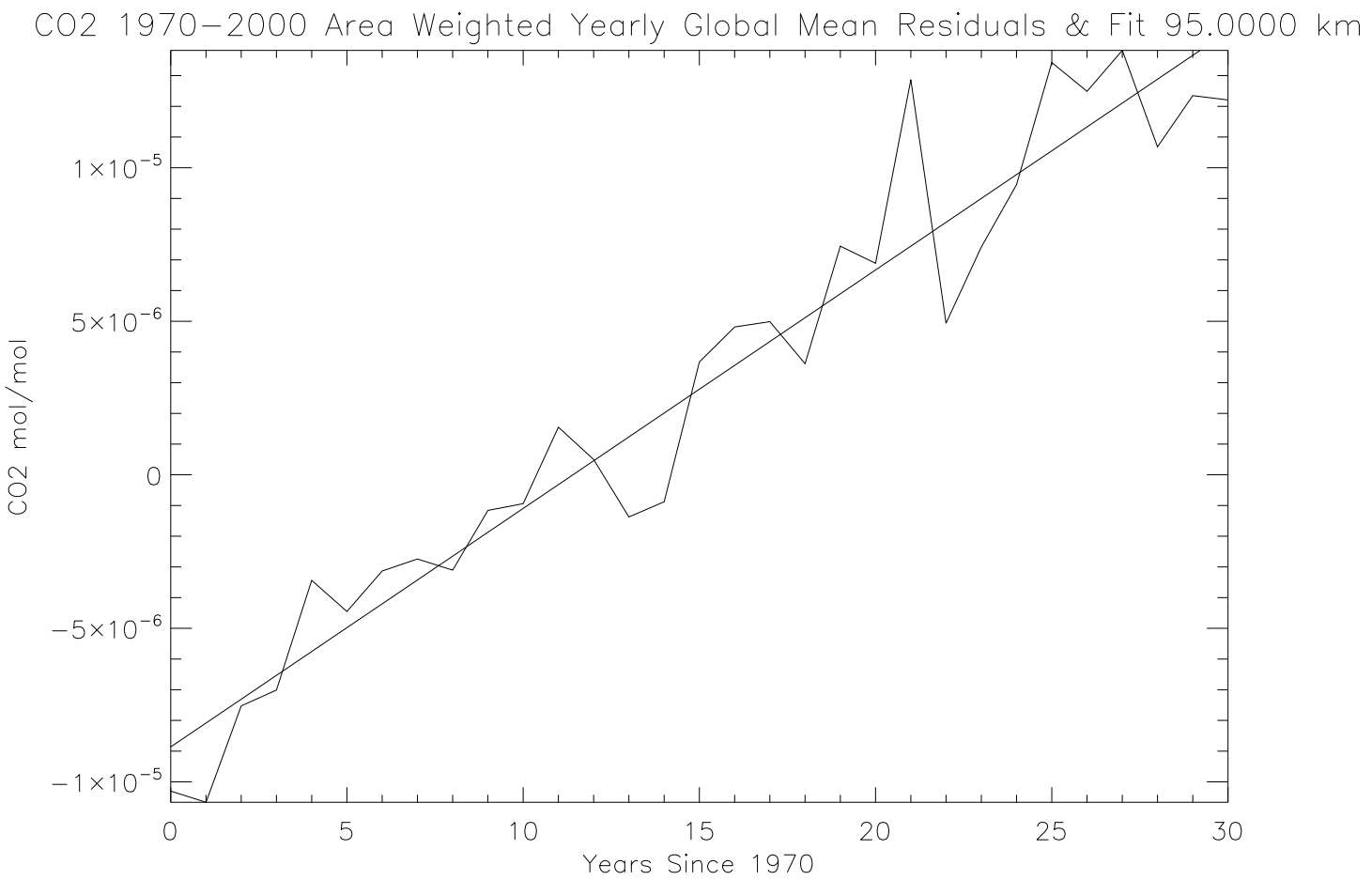

CO2 1955–2005 Area Weighted Yearly Global Mean Residuals & Fit 100.000 km
1.5×10−5
1.0×10−5
5.0×10−6
0
−5.0×10−6
−1.0×10−5
CO2 mol/mol
0
10
20
30
40
50
Years Since 1955

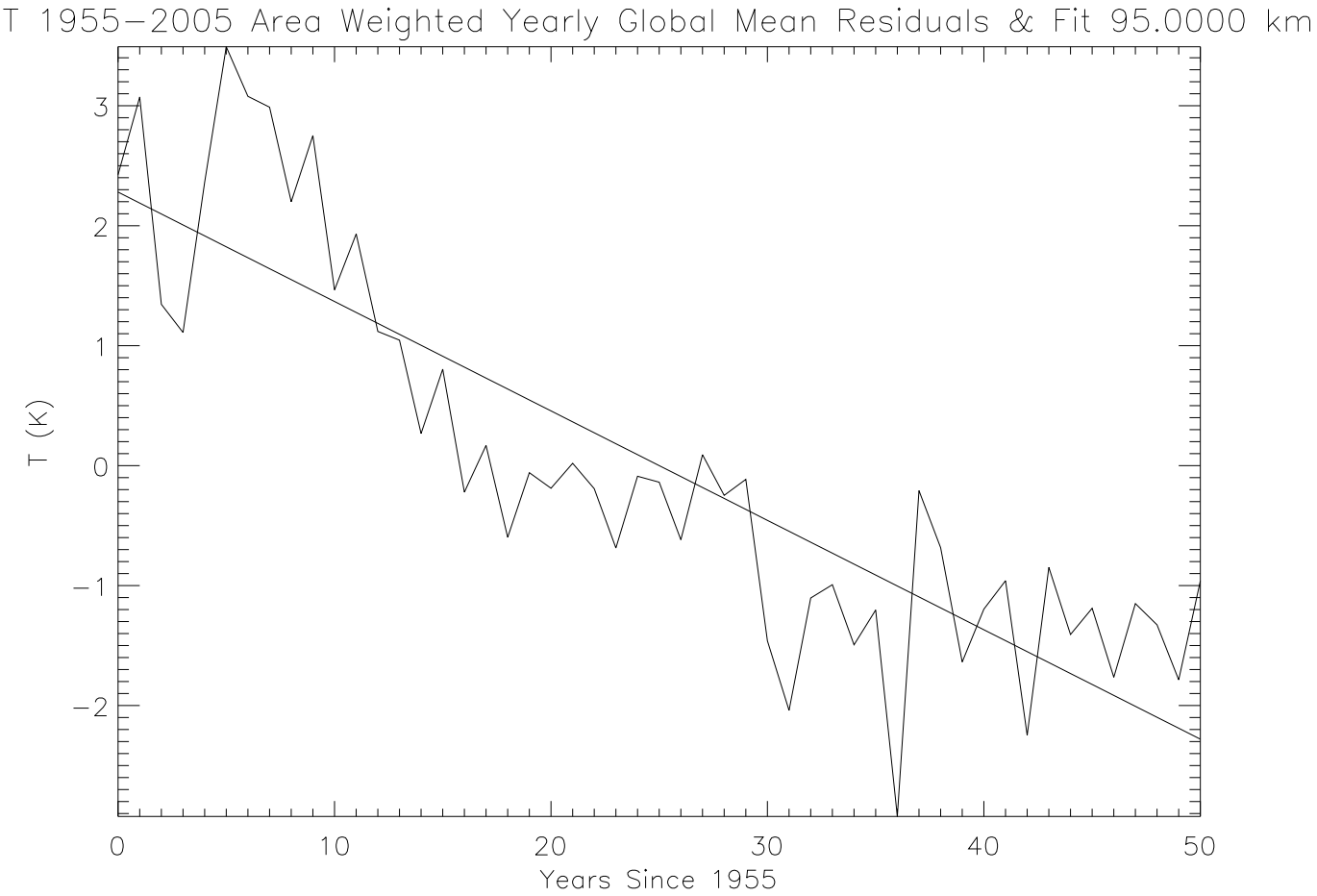

CO2 1970−2000 Area Weighted Yearly Global Mean Residuals & Fit 100.000 km
1×10−5
5×10−6
0
−5×10−6
−1×10−5
CO2 mol/mol
0
5
10
15
20
25
30
Years Since 1970

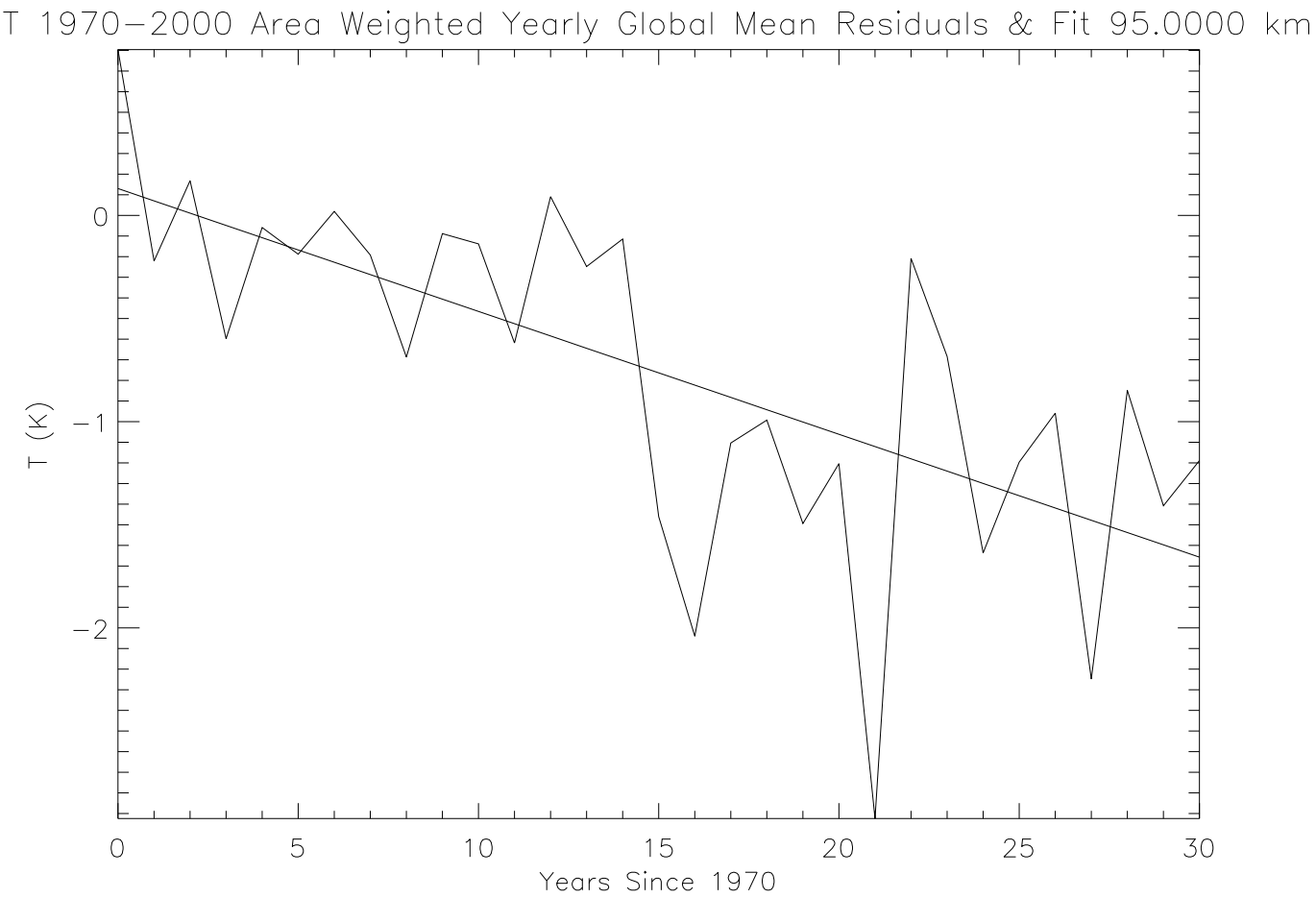

T 1955−2005 Area Weighted Yearly Global Mean Residuals & Fit 100.000 km
T (K)
3
2
1
0
−1
−2
0
10
20
30
40
50
Years Since 1955

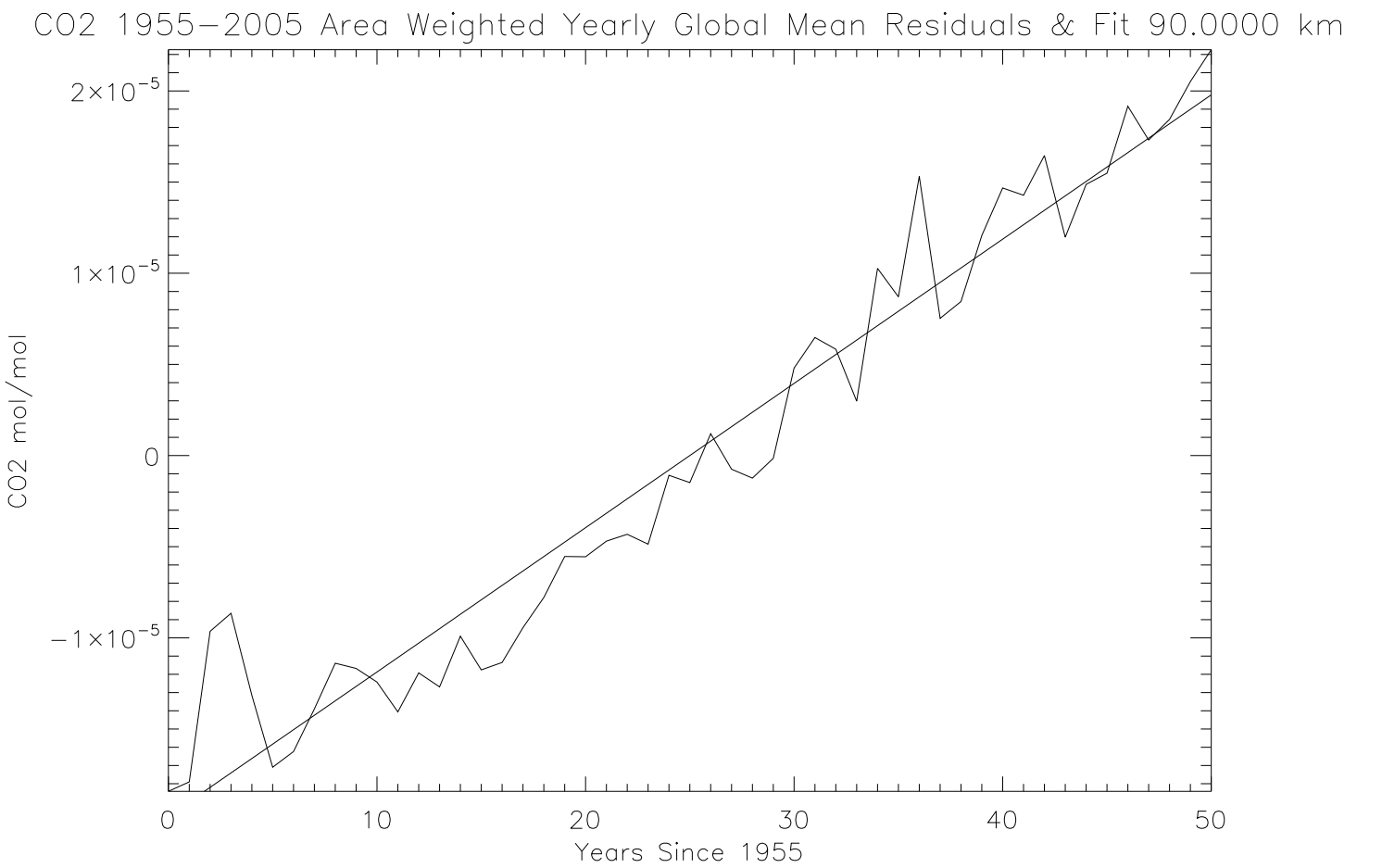

T 1970−2000 Area Weighted Yearly Global Mean Residuals & Fit 100.000 km
0.5
0.0
−0.5
−1.0
−1.5
−2.0
−2.5
T (K)
0
5
10
15
20
25
30
Years Since 1970

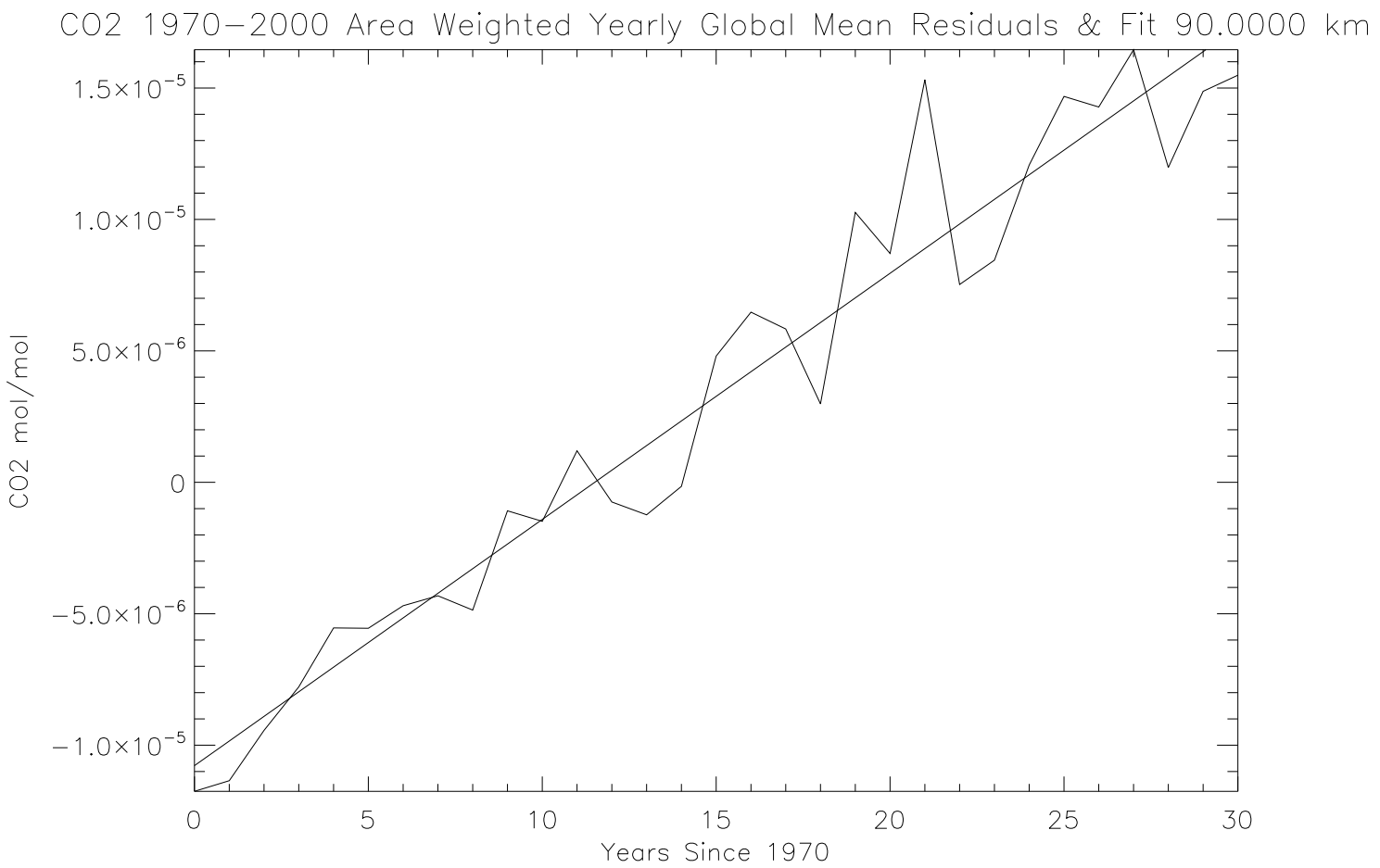

CO2 1955–2005 Area Weighted Yearly Global Mean Residuals & Fit 95.0000 km
1.5×10⁻⁵
1.0×10⁻⁵
5.0×10⁻⁶
0
−5.0×10⁻⁶
−1.0×10⁻⁵
CO2 mol/mol
0
10
20
30
40
50
Years Since 1955

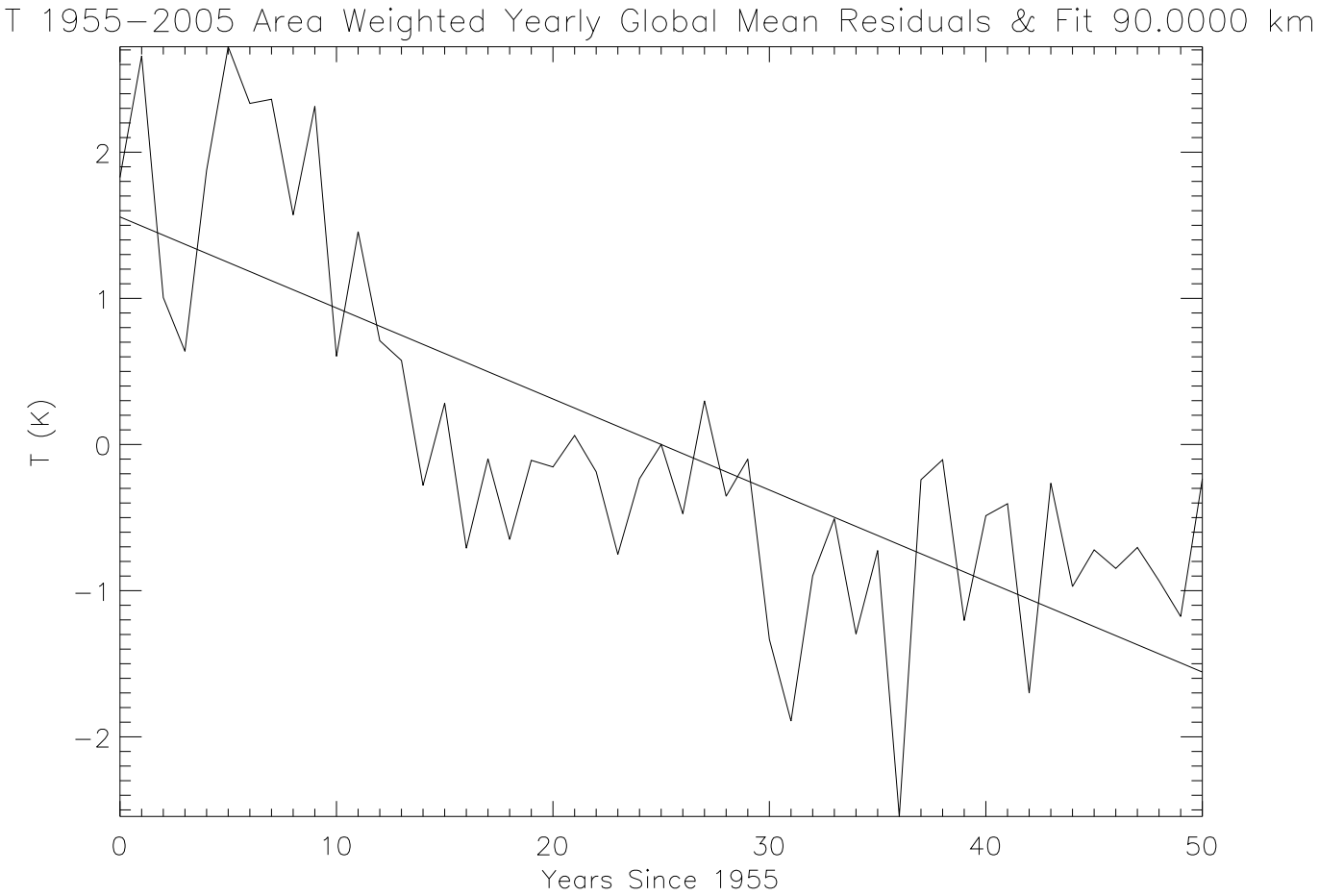

CO2 1970−2000 Area Weighted Yearly Global Mean Residuals & Fit 95.0000 km
1×10−5
5×10−6
0
−5×10−6
−1×10−5
CO2 mol/mol
0
5
10
15
20
25
30
Years Since 1970

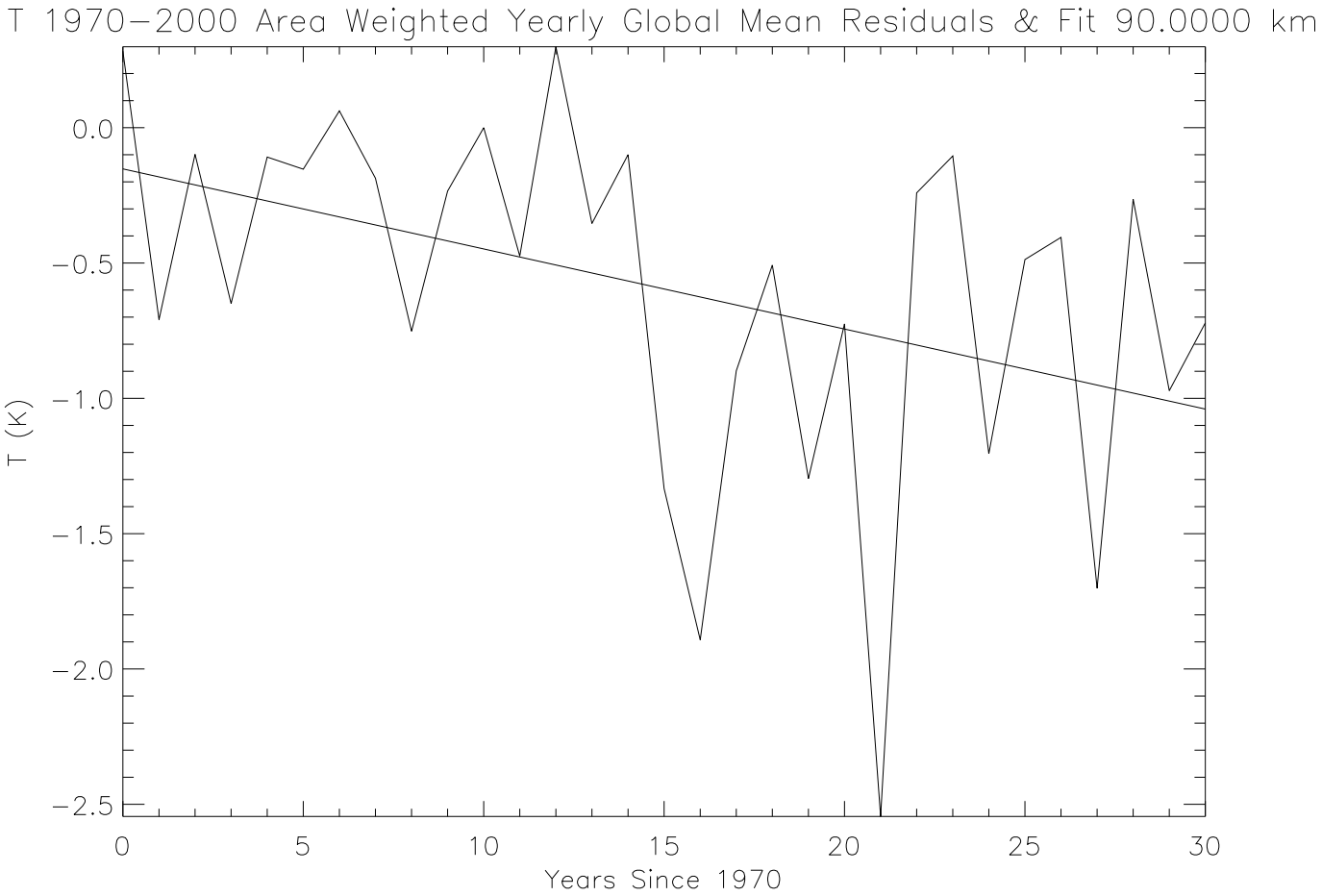

T 1955–2005 Area Weighted Yearly Global Mean Residuals & Fit 95.0000 km
T (K)
3
2
1
0
−1
−2
0
10
20
30
40
50
Years Since 1955

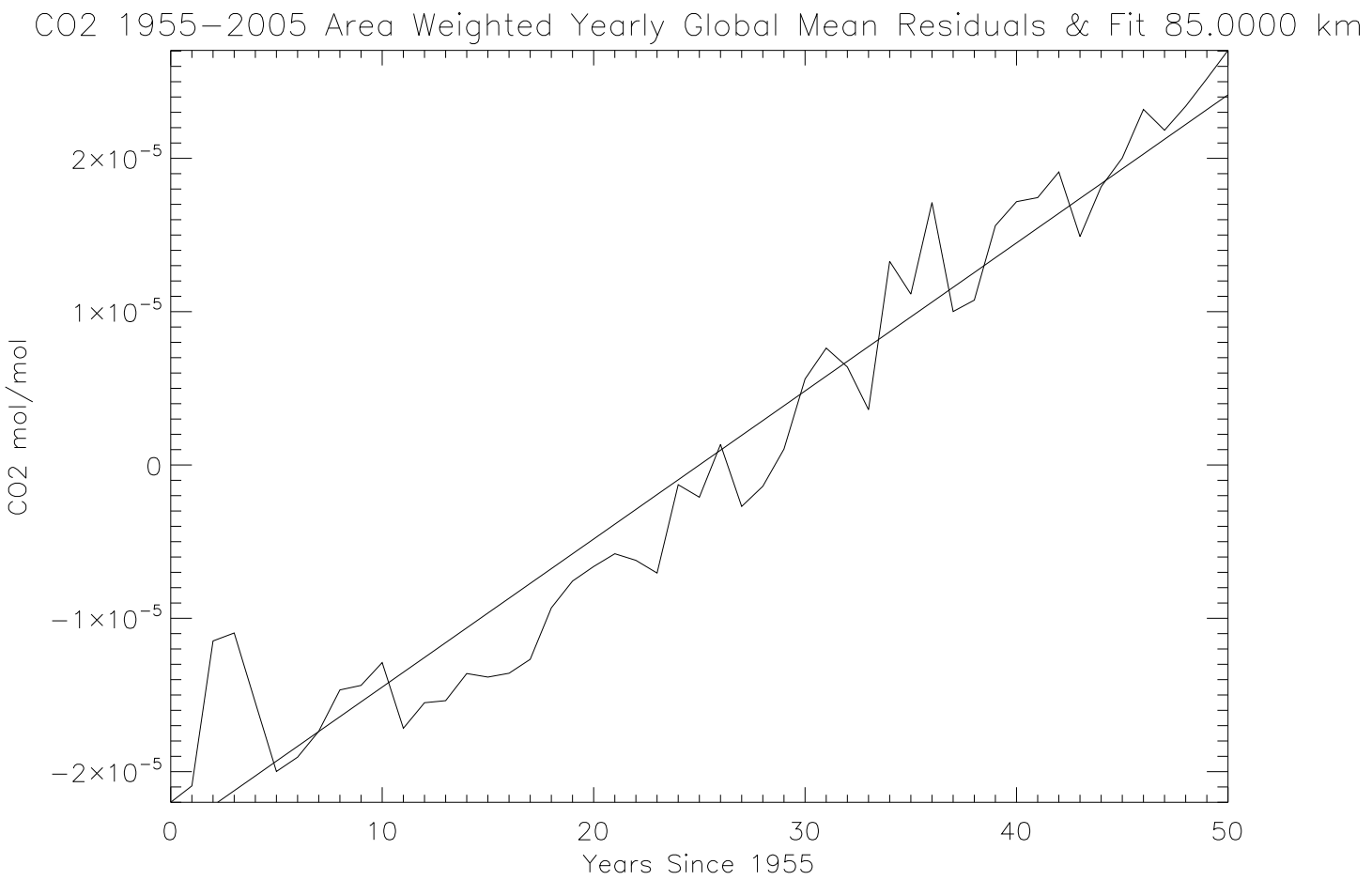

T 1970−2000 Area Weighted Yearly Global Mean Residuals & Fit 95.0000 km
T (K)
0
−1
−2
0
5
10
15
20
25
30
Years Since 1970

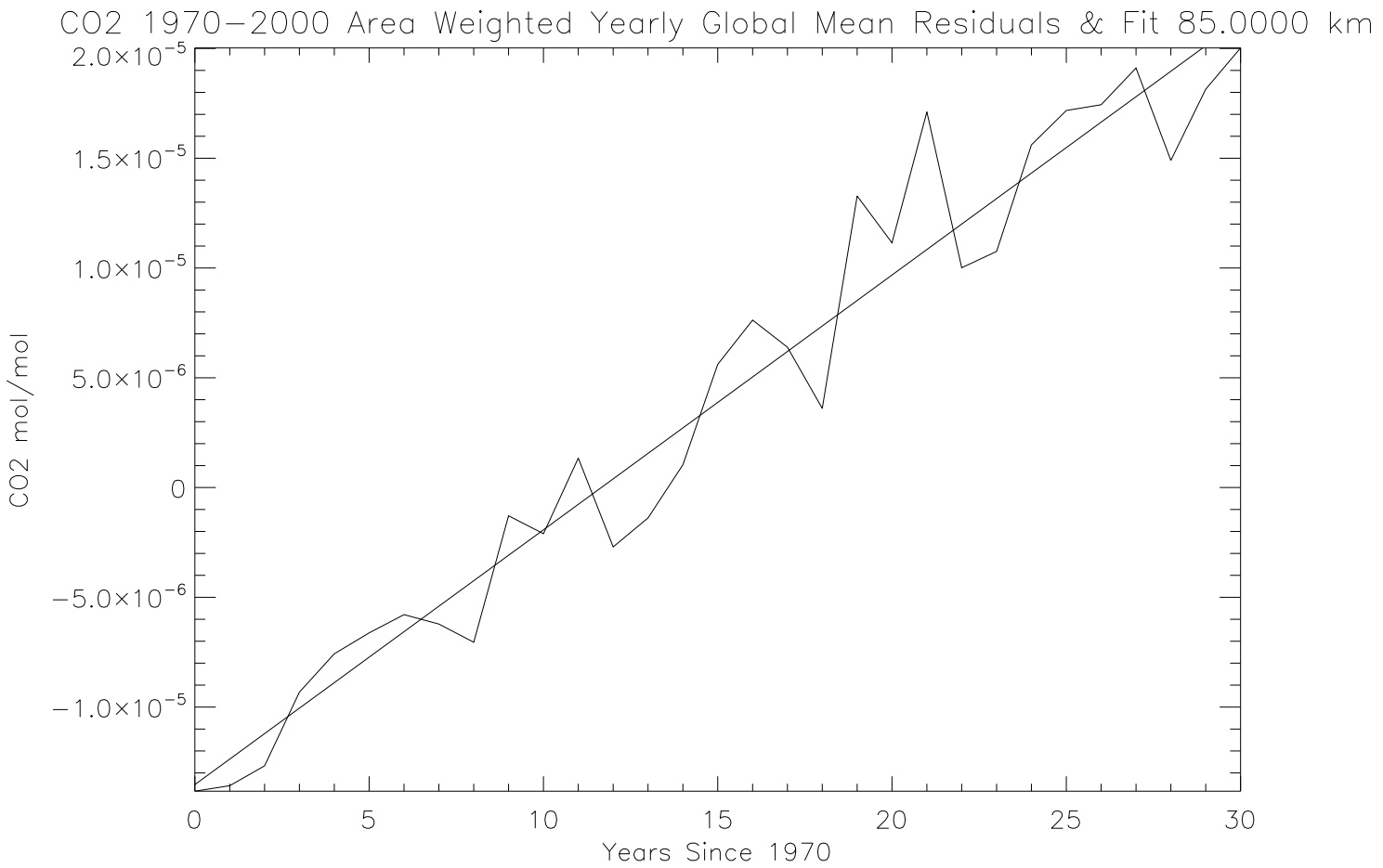

CO2 1955–2005 Area Weighted Yearly Global Mean Residuals & Fit 90.0000 km
2×10^-5
1×10^-5
0
−1×10^-5
CO2 mol/mol
0
10
20
30
40
50
Years Since 1955

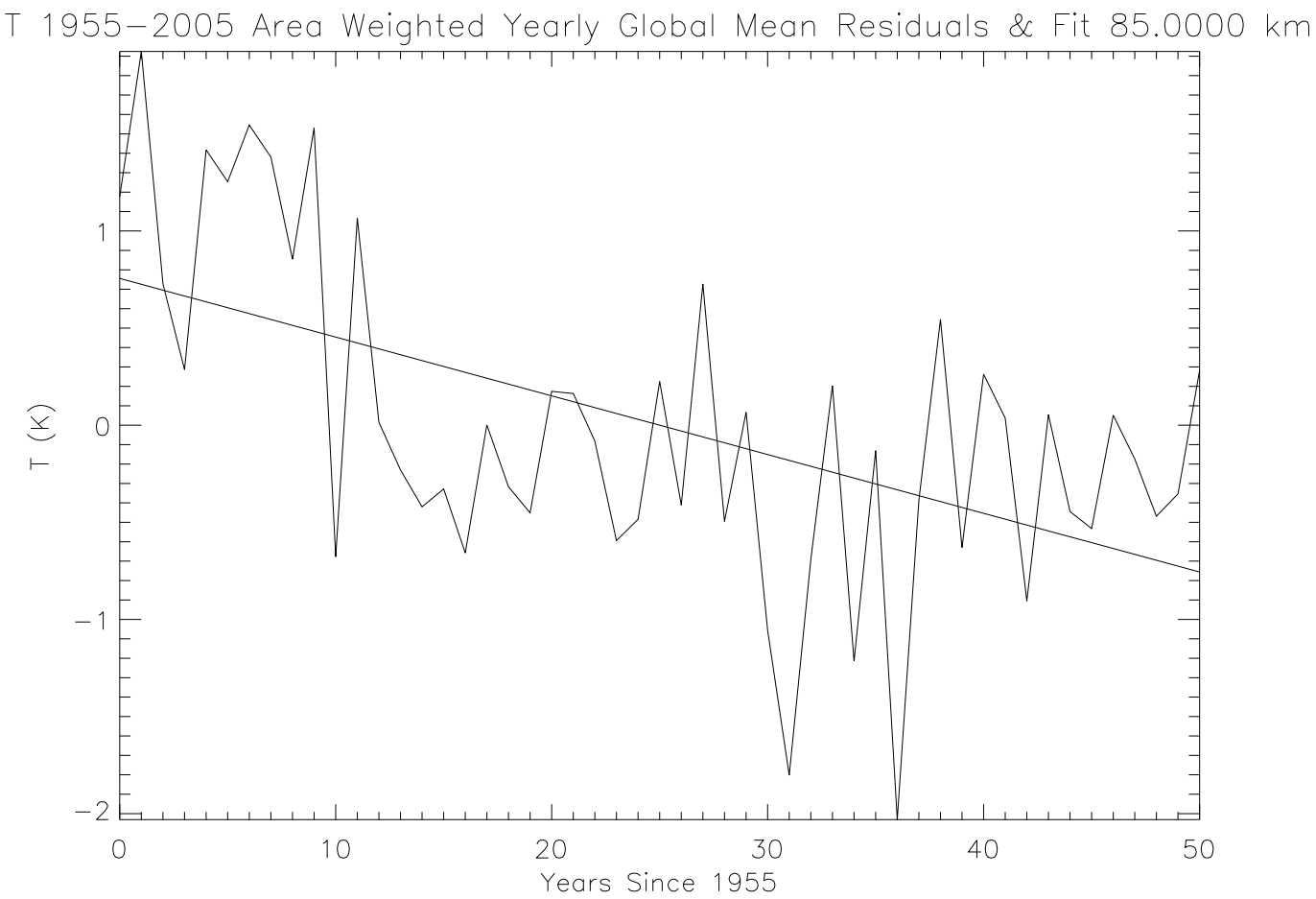

CO2 1970−2000 Area Weighted Yearly Global Mean Residuals & Fit 90.0000 km
1.5×10−5
1.0×10−5
5.0×10−6
0
−5.0×10−6
−1.0×10−5
CO2 mol/mol
0
5
10
15
20
25
30
Years Since 1970

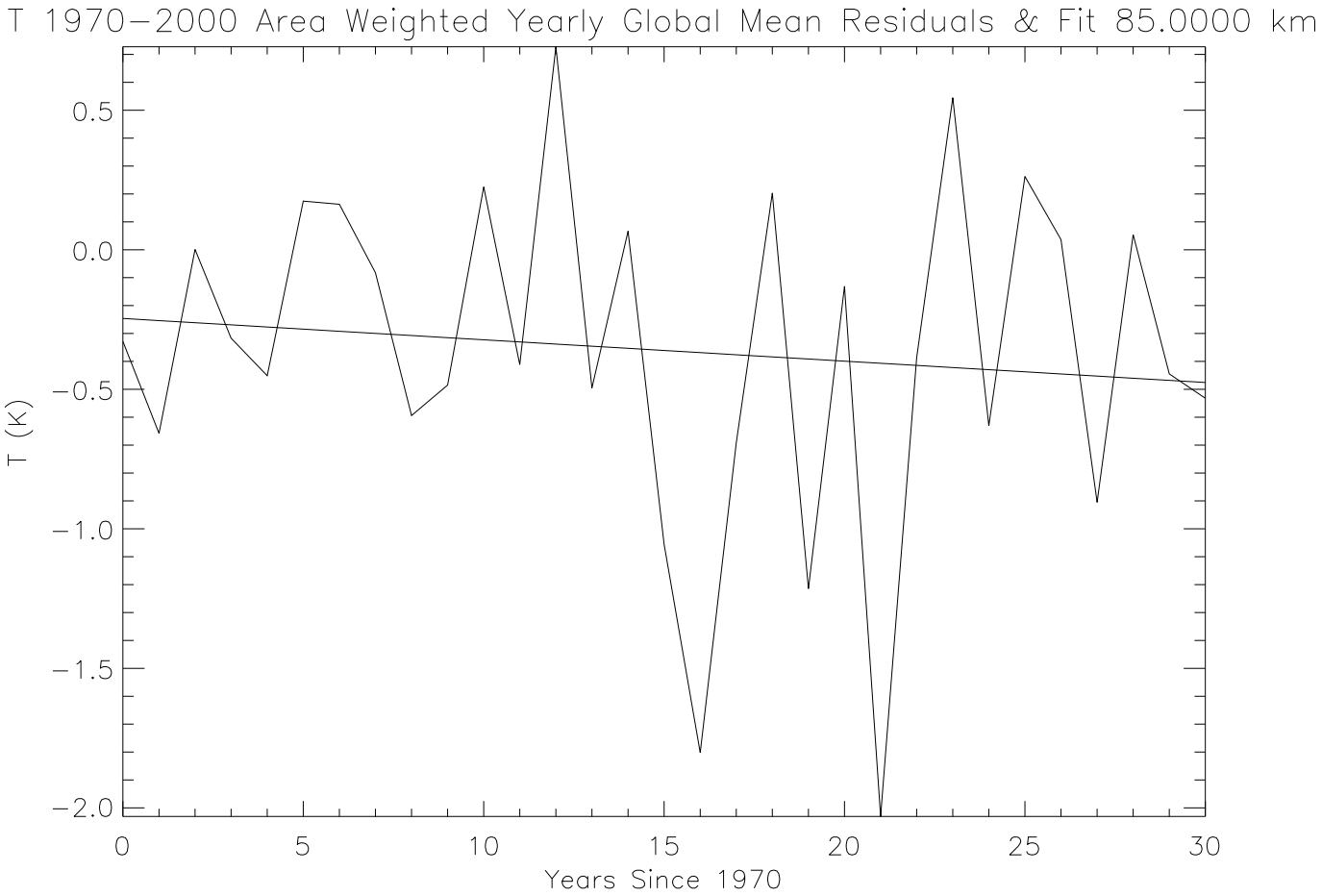

T 1955−2005 Area Weighted Yearly Global Mean Residuals & Fit 90.0000 km
T (K)
2
1
0
−1
−2
0
10
20
30
40
50
Years Since 1955

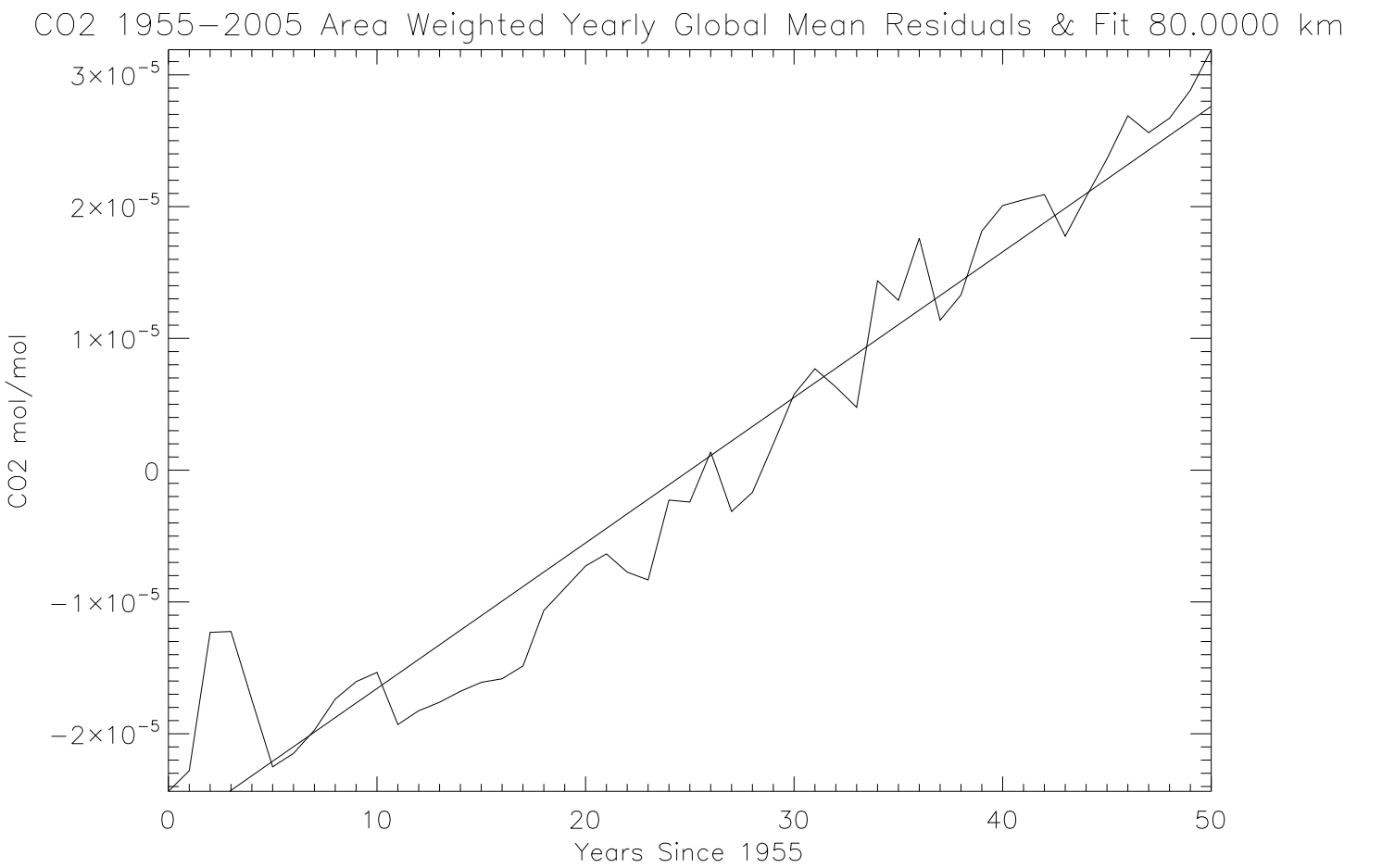

T 1970−2000 Area Weighted Yearly Global Mean Residuals & Fit 90.0000 km
0.0
−0.5
−1.0
−1.5
−2.0
−2.5
T (K)
0
5
10
15
20
25
30
Years Since 1970

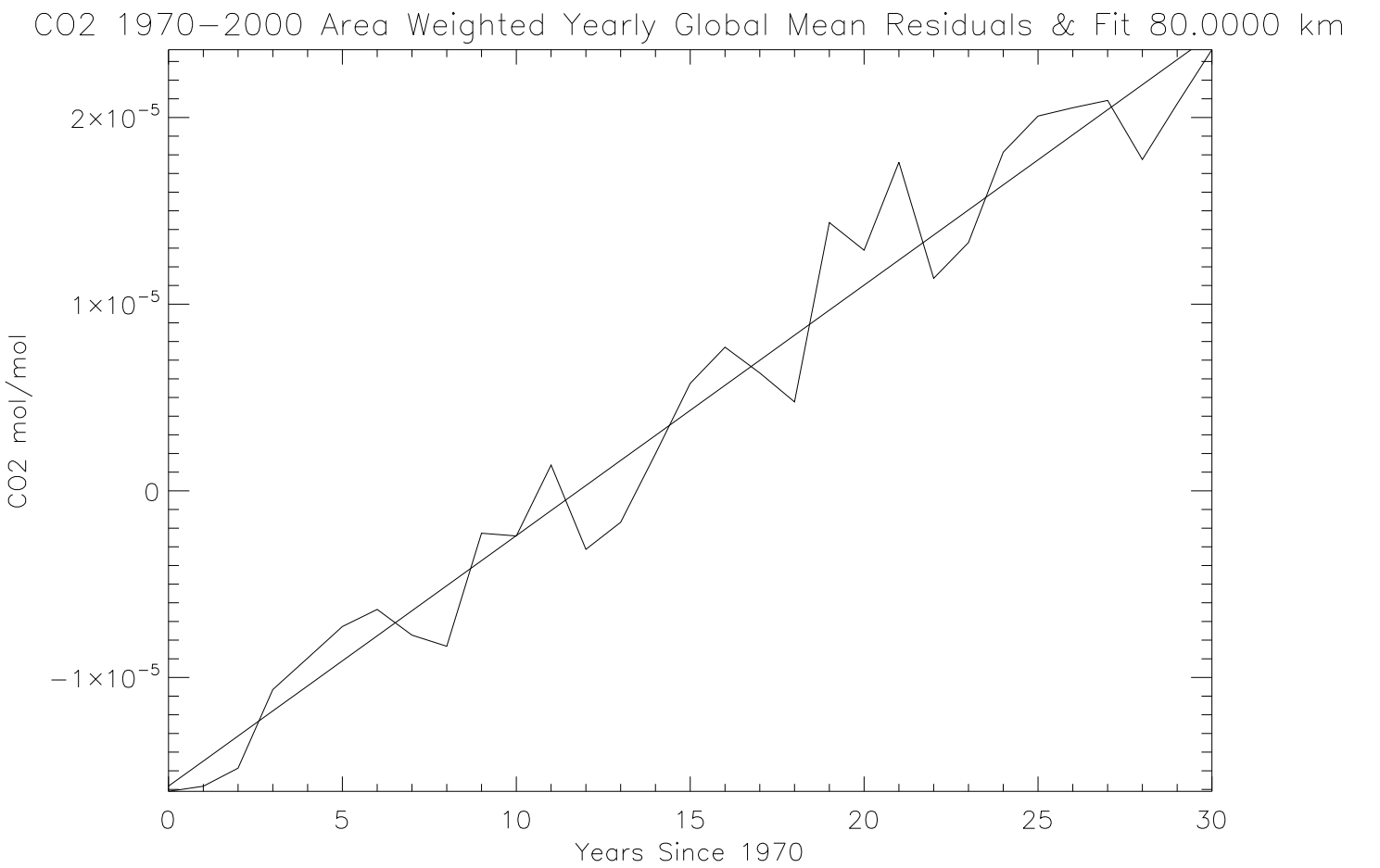

CO2 1955–2005 Area Weighted Yearly Global Mean Residuals & Fit 85.0000 km
2×10^-5
1×10^-5
0
−1×10^-5
−2×10^-5
CO2 mol/mol
0
10
20
30
40
50
Years Since 1955

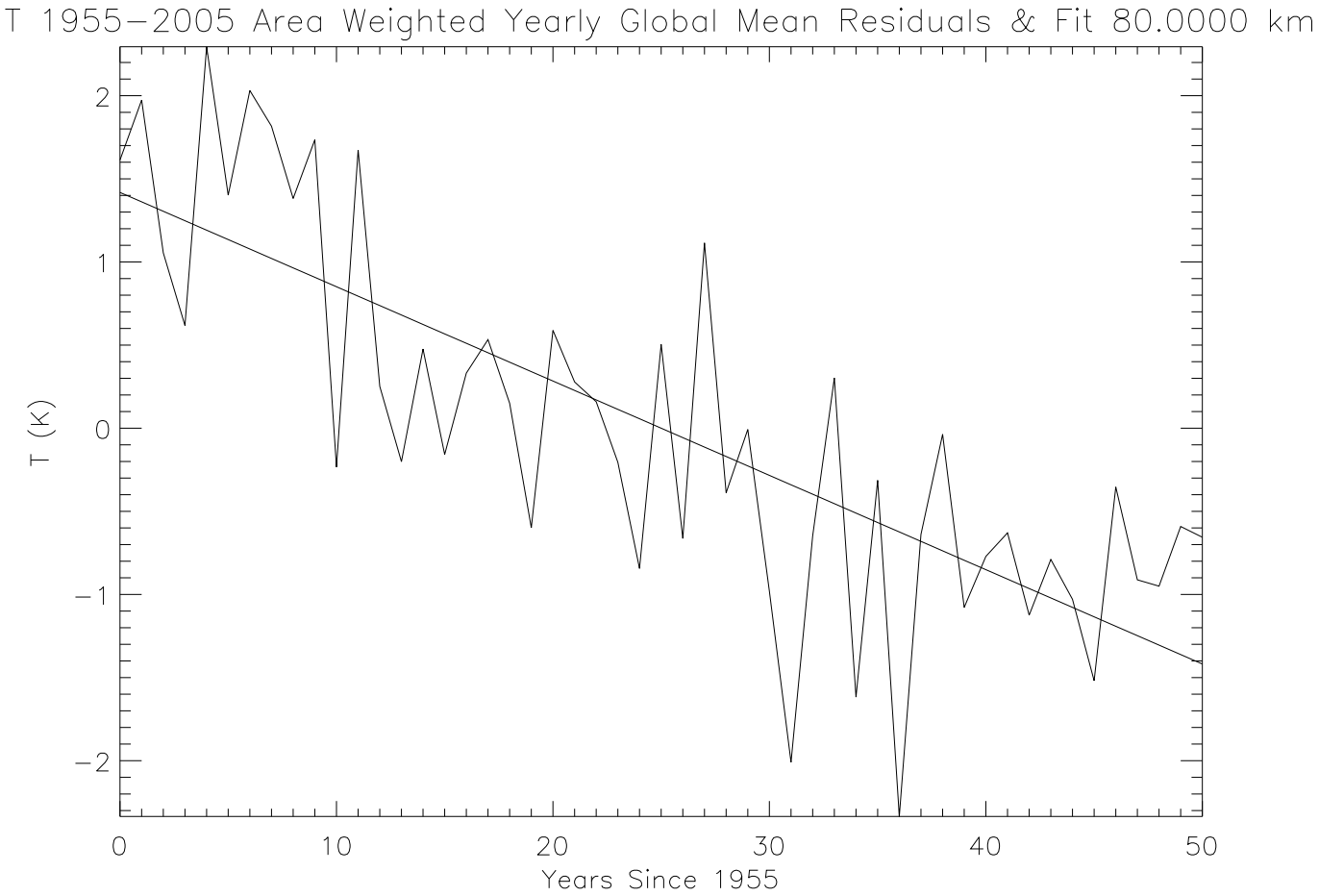

CO2 1970−2000 Area Weighted Yearly Global Mean Residuals & Fit 85.0000 km
2.0×10−5
1.5×10−5
1.0×10−5
5.0×10−6
0
−5.0×10−6
−1.0×10−5
CO2 mol/mol
0
5
10
15
20
25
30
Years Since 1970

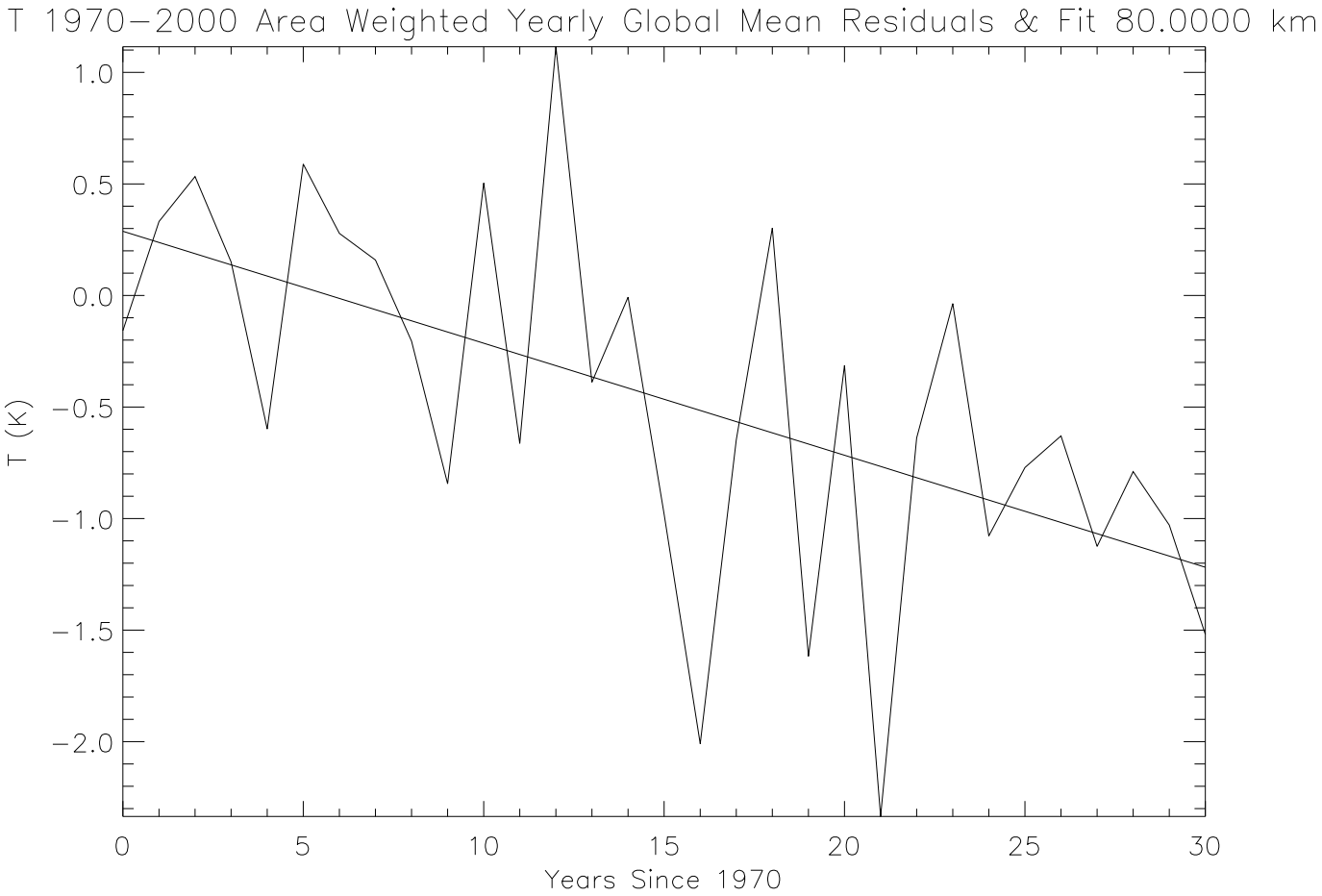

T 1955−2005 Area Weighted Yearly Global Mean Residuals & Fit 85.0000 km
T (K)
1
0
−1
−2
0
10
20
30
40
50
Years Since 1955

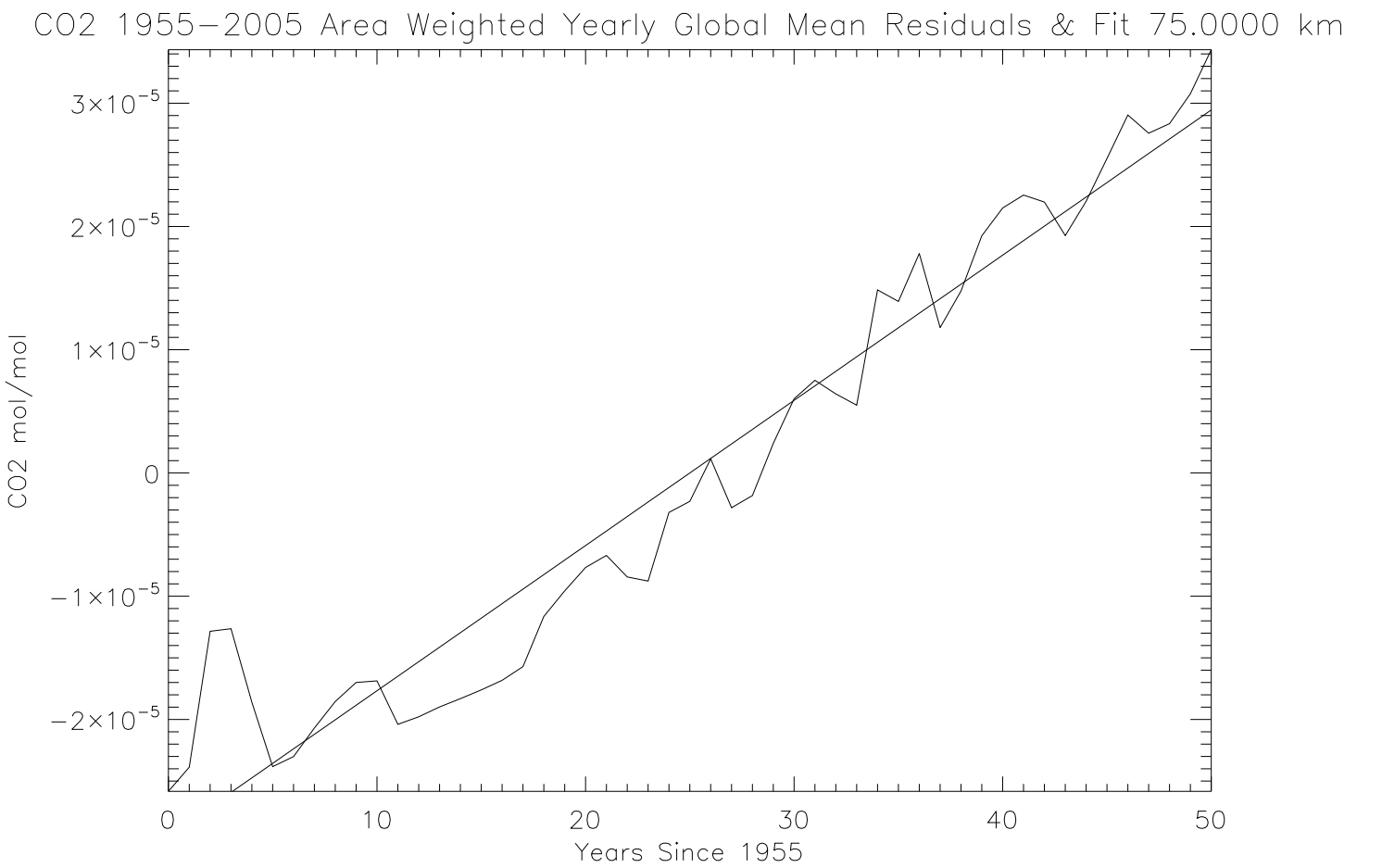

T 1970−2000 Area Weighted Yearly Global Mean Residuals & Fit 85.0000 km
0.5
0.0
−0.5
−1.0
−1.5
−2.0
T (K)
0
5
10
15
20
25
30
Years Since 1970

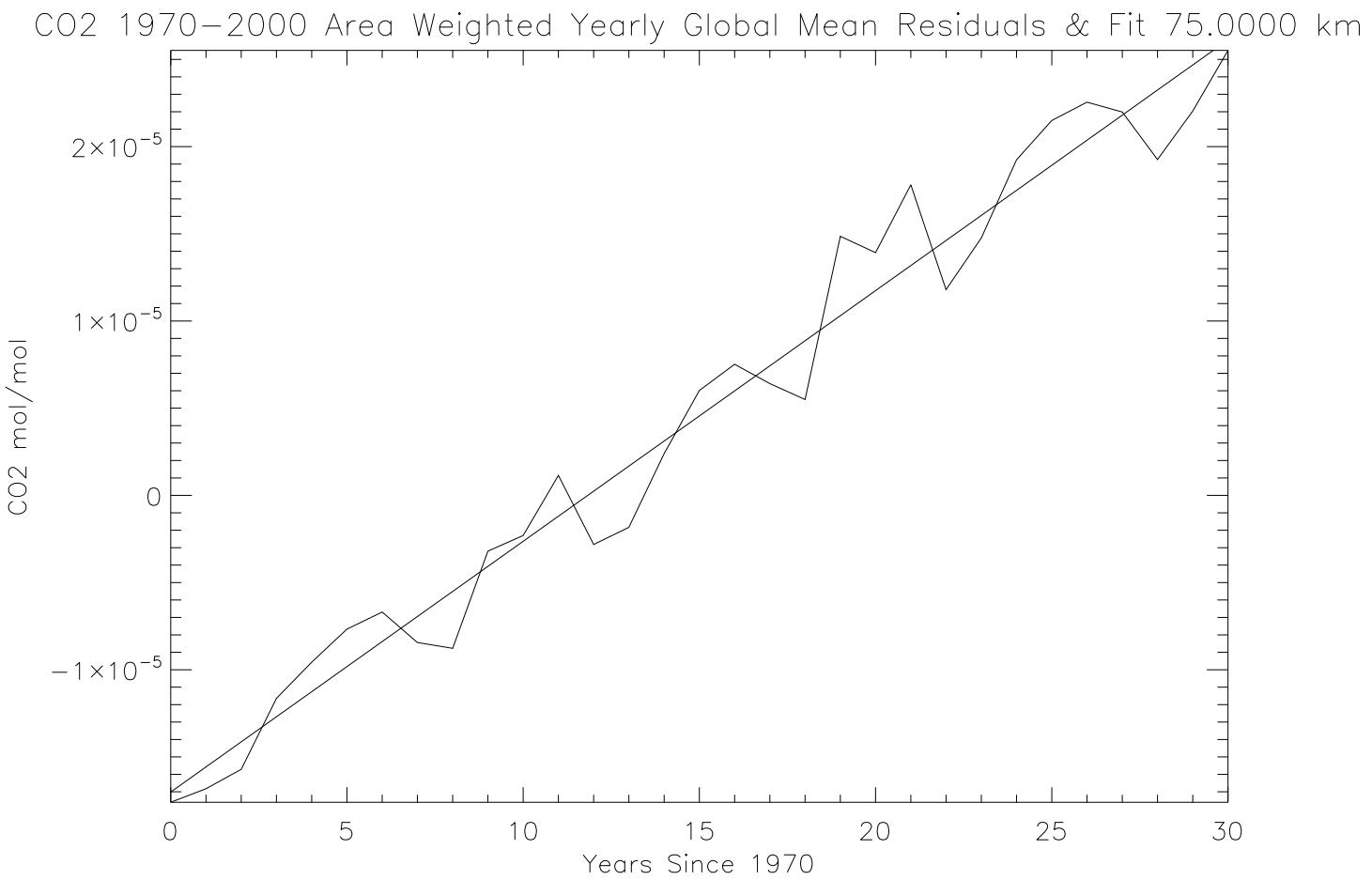

CO2 1955–2005 Area Weighted Yearly Global Mean Residuals & Fit 80.0000 km
3×10⁻⁵
2×10⁻⁵
1×10⁻⁵
0
−1×10⁻⁵
−2×10⁻⁵
CO2 mol/mol
0
10
20
30
40
50
Years Since 1955

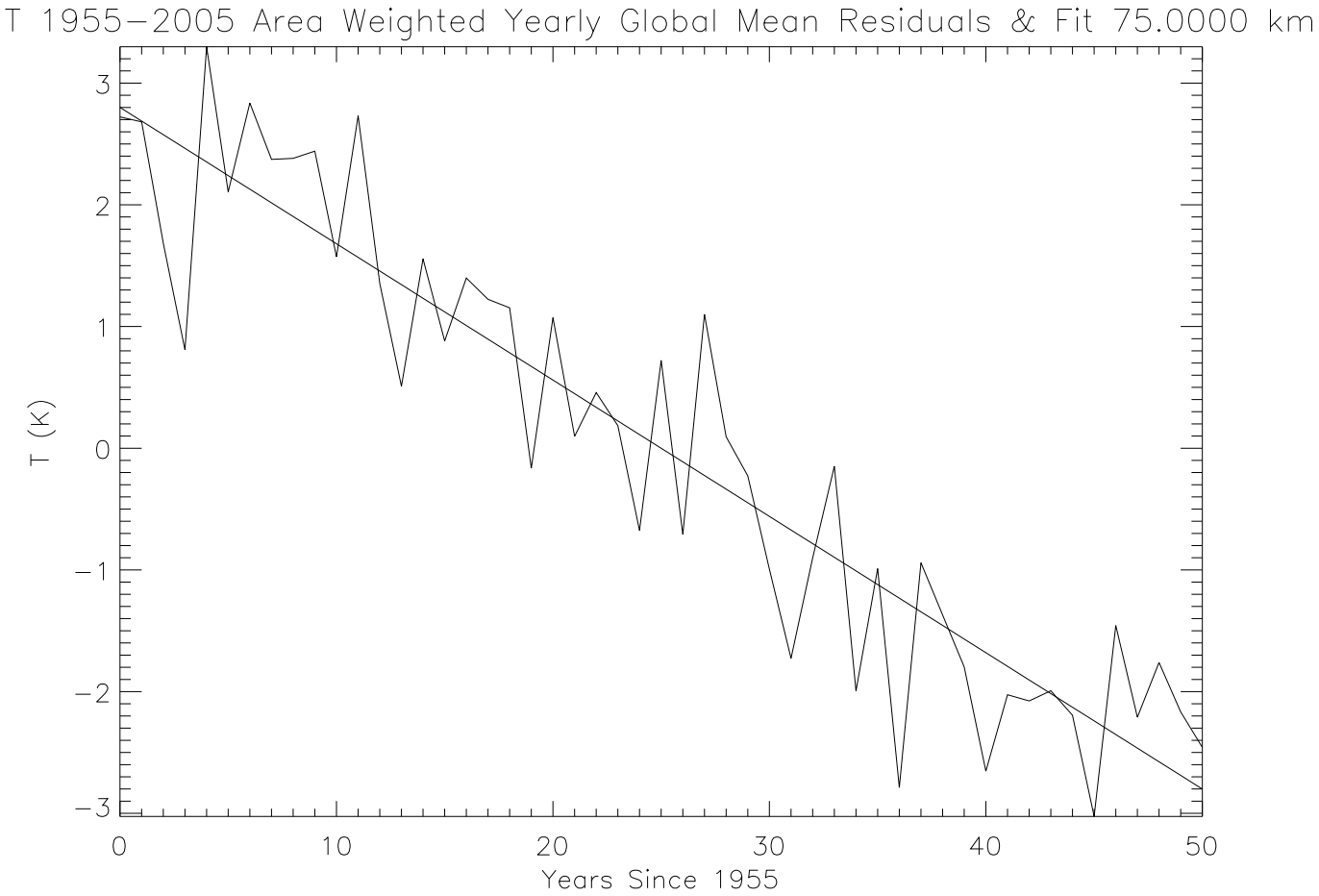

CO2 1970−2000 Area Weighted Yearly Global Mean Residuals & Fit 80.0000 km
2×10−5
1×10−5
0
−1×10−5
CO2 mol/mol
0
5
10
15
20
25
30
Years Since 1970

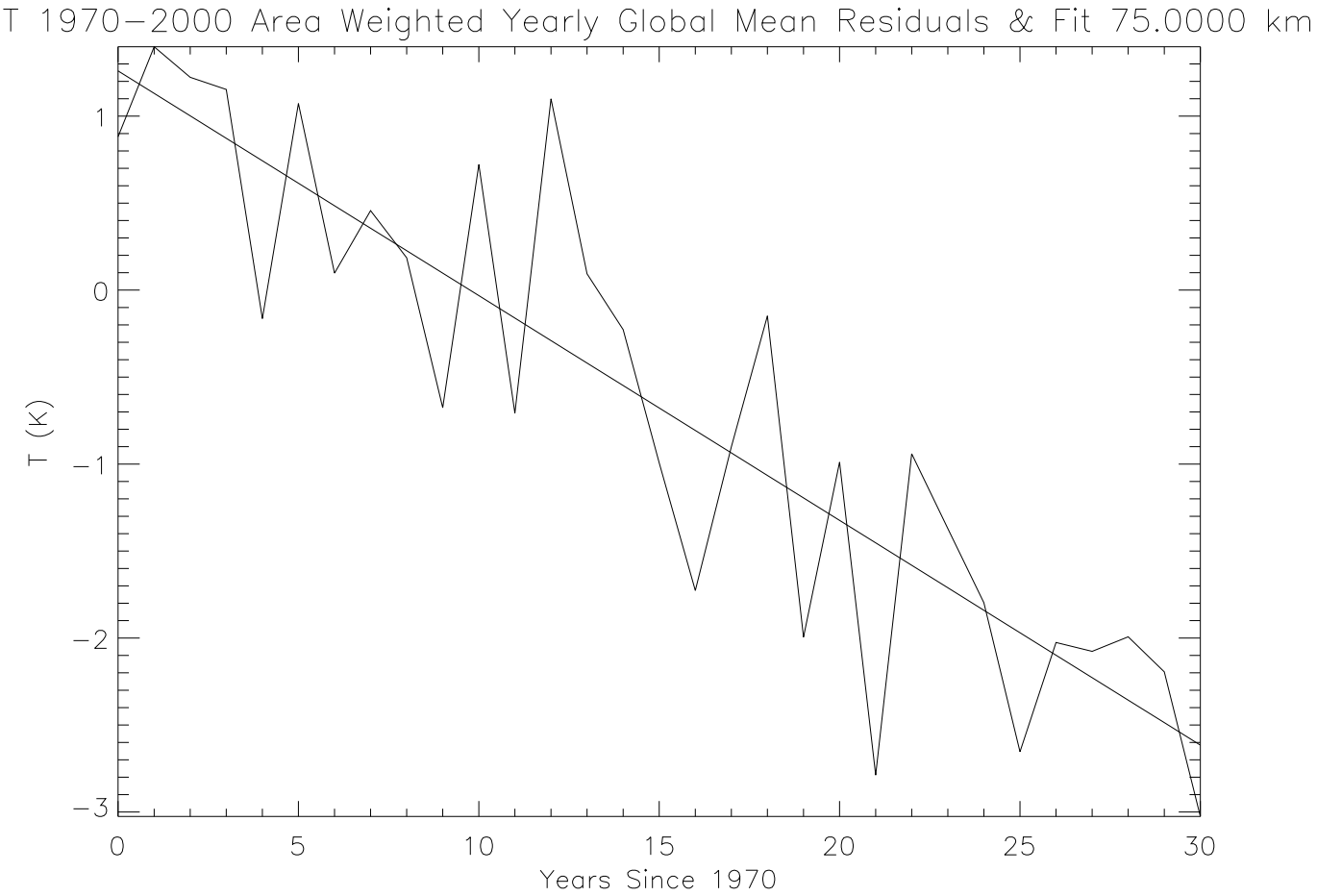

T 1955−2005 Area Weighted Yearly Global Mean Residuals & Fit 80.0000 km
T (K)
2
1
0
−1
−2
0
10
20
30
40
50
Years Since 1955

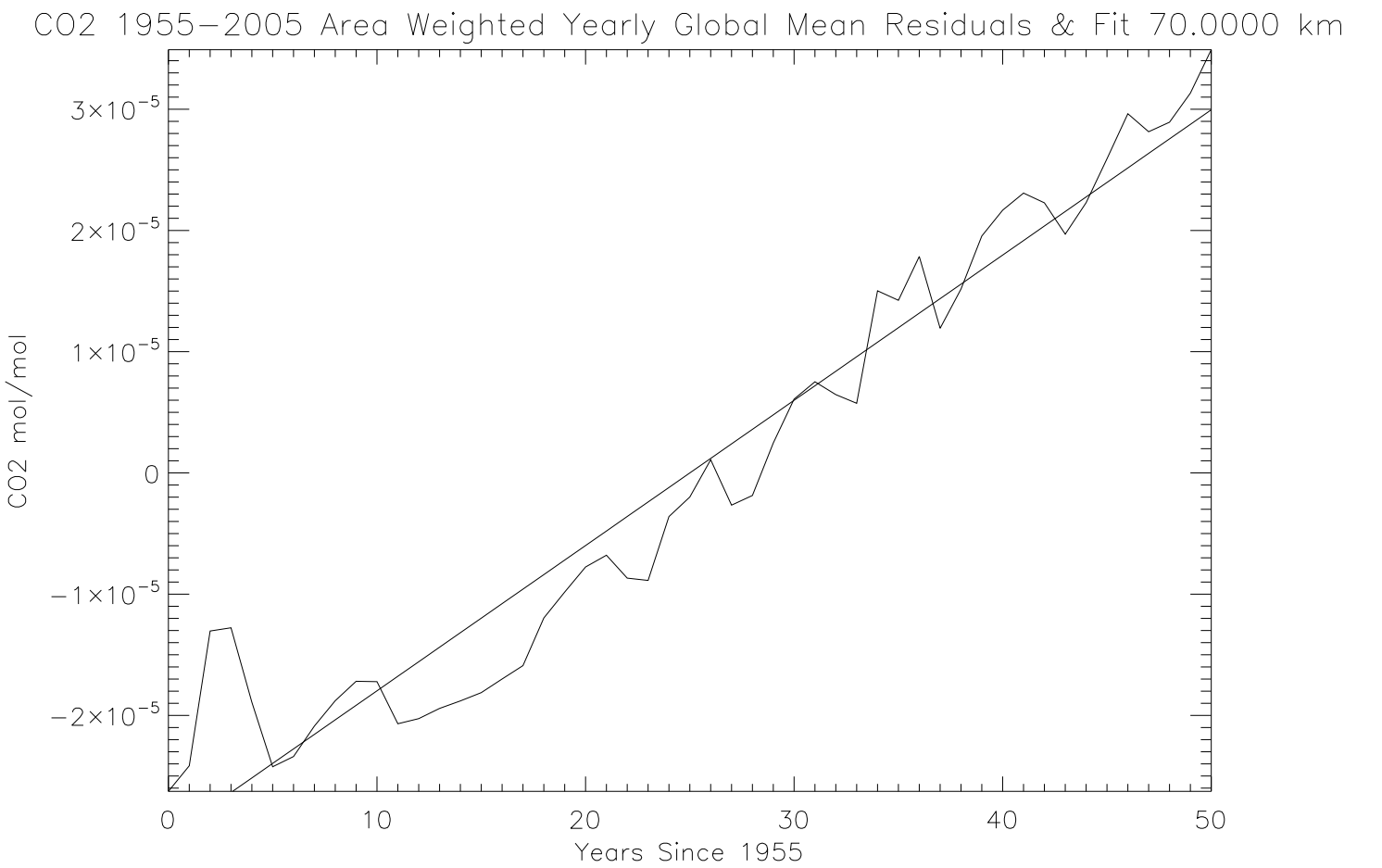

T 1970−2000 Area Weighted Yearly Global Mean Residuals & Fit 80.0000 km
T (K)
1.0
0.5
0.0
−0.5
−1.0
−1.5
−2.0
0
5
10
15
20
25
30
Years Since 1970

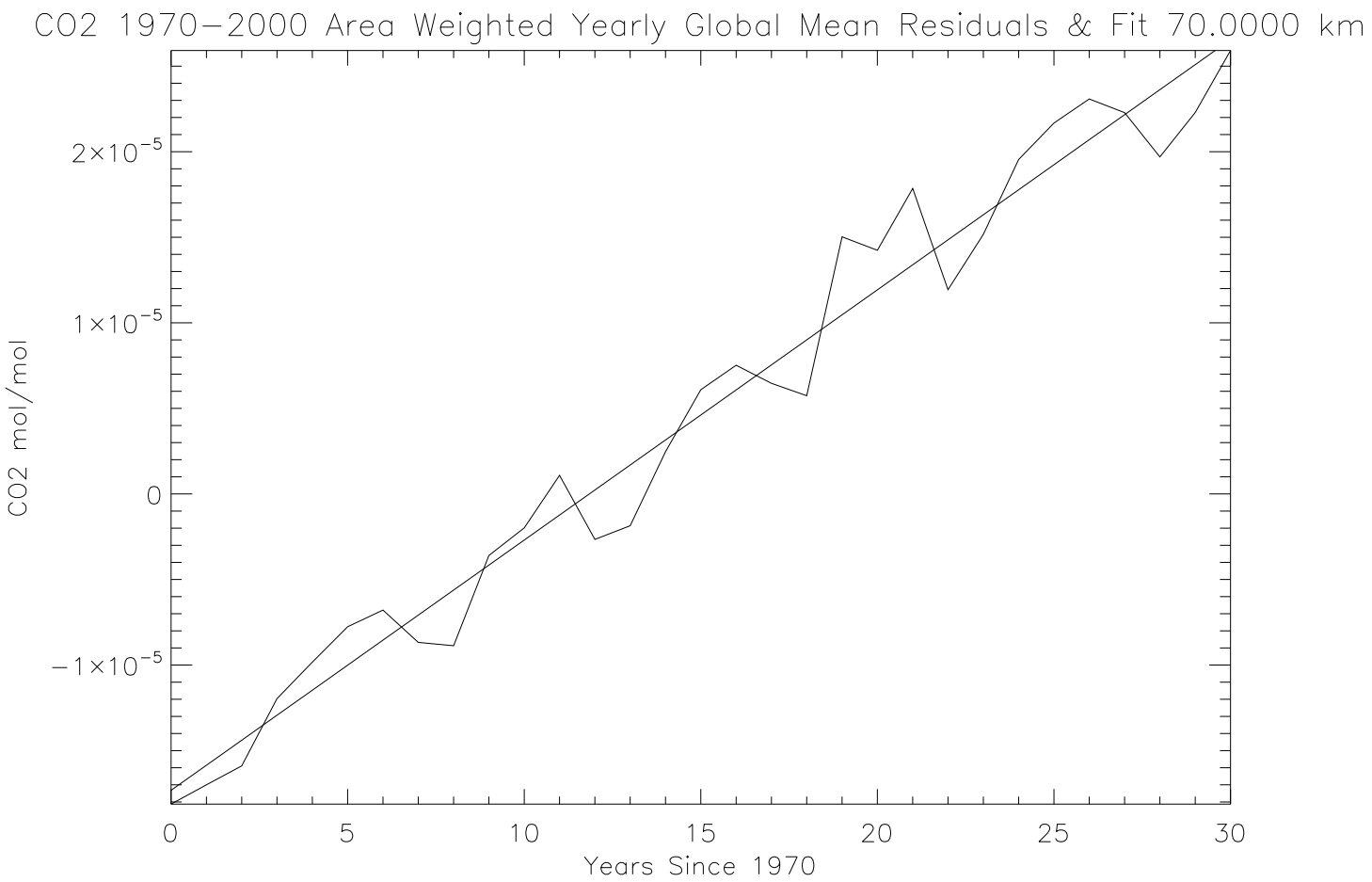

CO2 1955–2005 Area Weighted Yearly Global Mean Residuals & Fit 75.0000 km
3×10⁻⁵
2×10⁻⁵
1×10⁻⁵
0
−1×10⁻⁵
−2×10⁻⁵
CO2 mol/mol
0
10
20
30
40
50
Years Since 1955

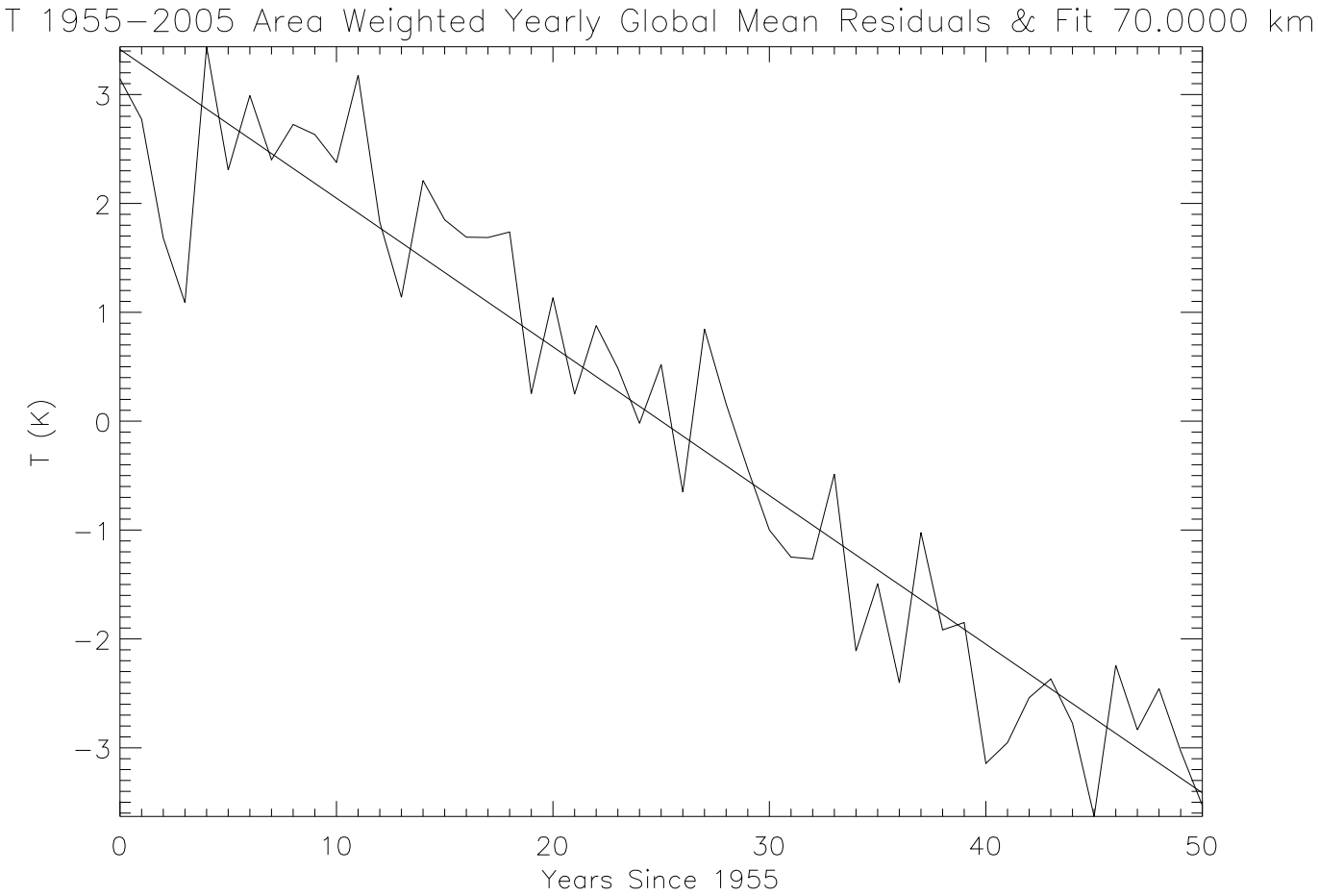

CO2 1970−2000 Area Weighted Yearly Global Mean Residuals & Fit 75.0000 km
2×10−5
1×10−5
0
−1×10−5
CO2 mol/mol
0
5
10
15
20
25
30
Years Since 1970

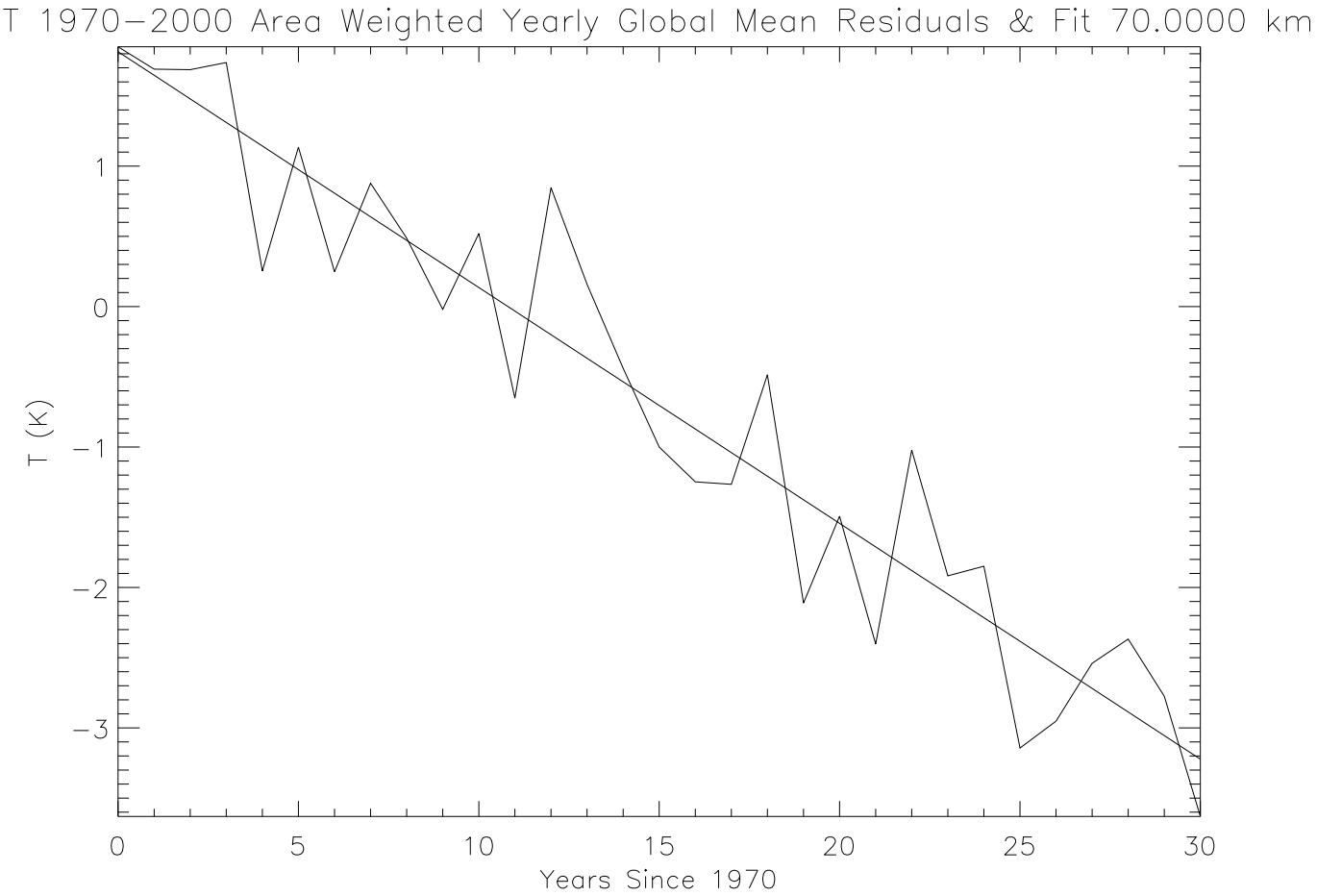

T 1955−2005 Area Weighted Yearly Global Mean Residuals & Fit 75.0000 km
T (K)
3
2
1
0
−1
−2
−3
0
10
20
30
40
50
Years Since 1955

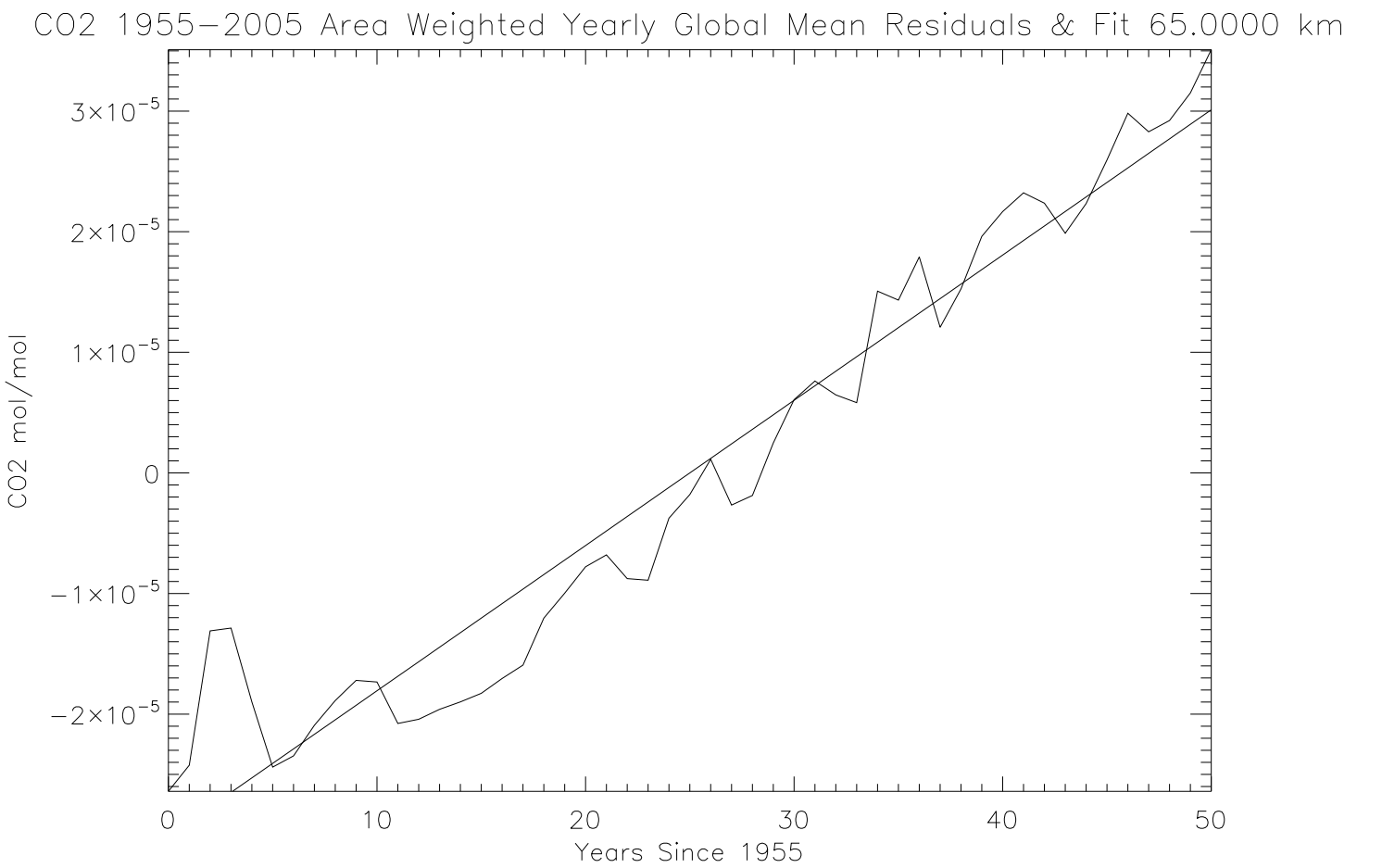

T 1970−2000 Area Weighted Yearly Global Mean Residuals & Fit 75.0000 km
T (K)
1
0
−1
−2
−3
0
5
10
15
20
25
30
Years Since 1970

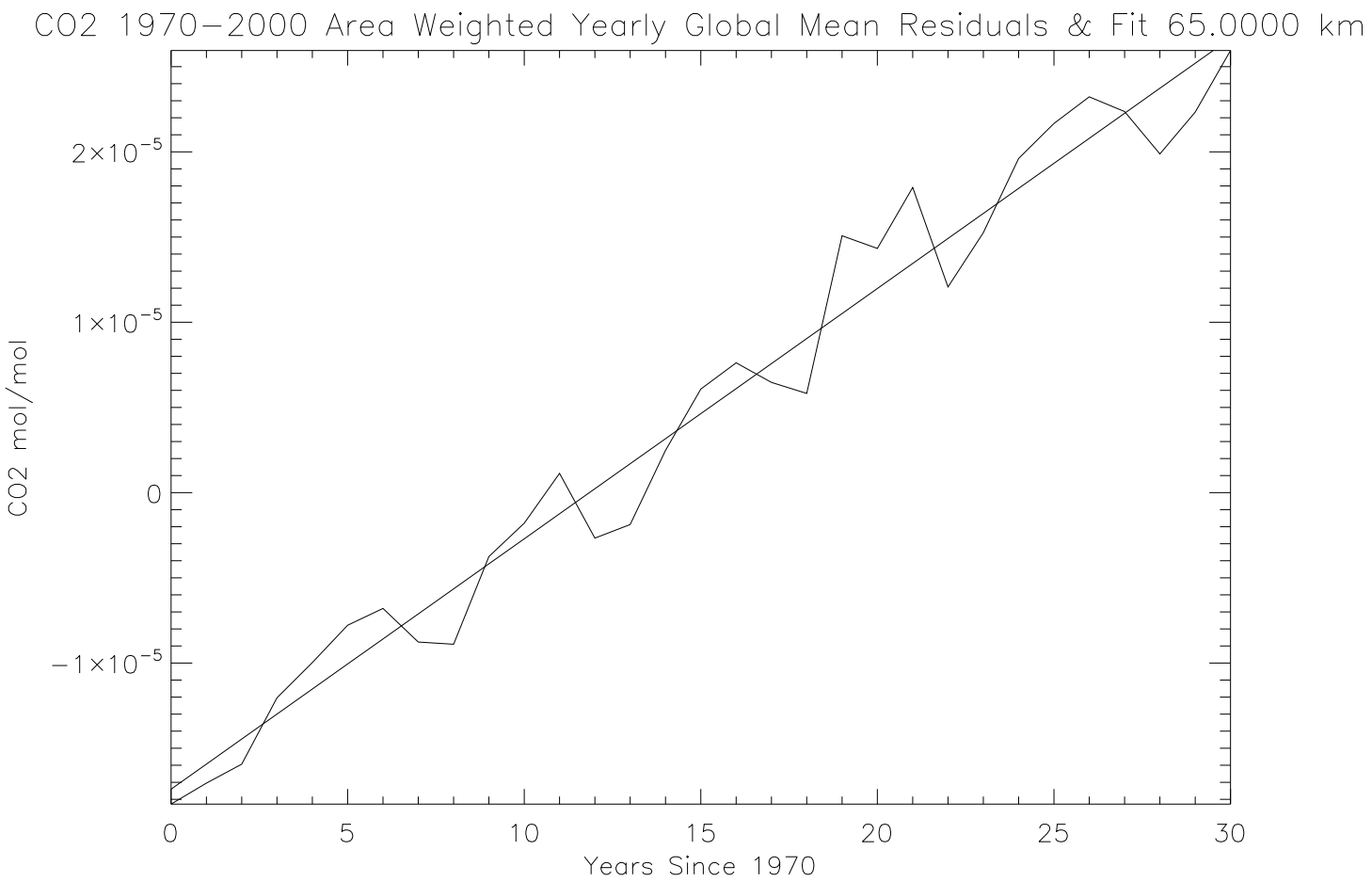

CO2 1955–2005 Area Weighted Yearly Global Mean Residuals & Fit 70.0000 km
3×10⁻⁵
2×10⁻⁵
1×10⁻⁵
0
−1×10⁻⁵
−2×10⁻⁵
CO2 mol/mol
0
10
20
30
40
50
Years Since 1955

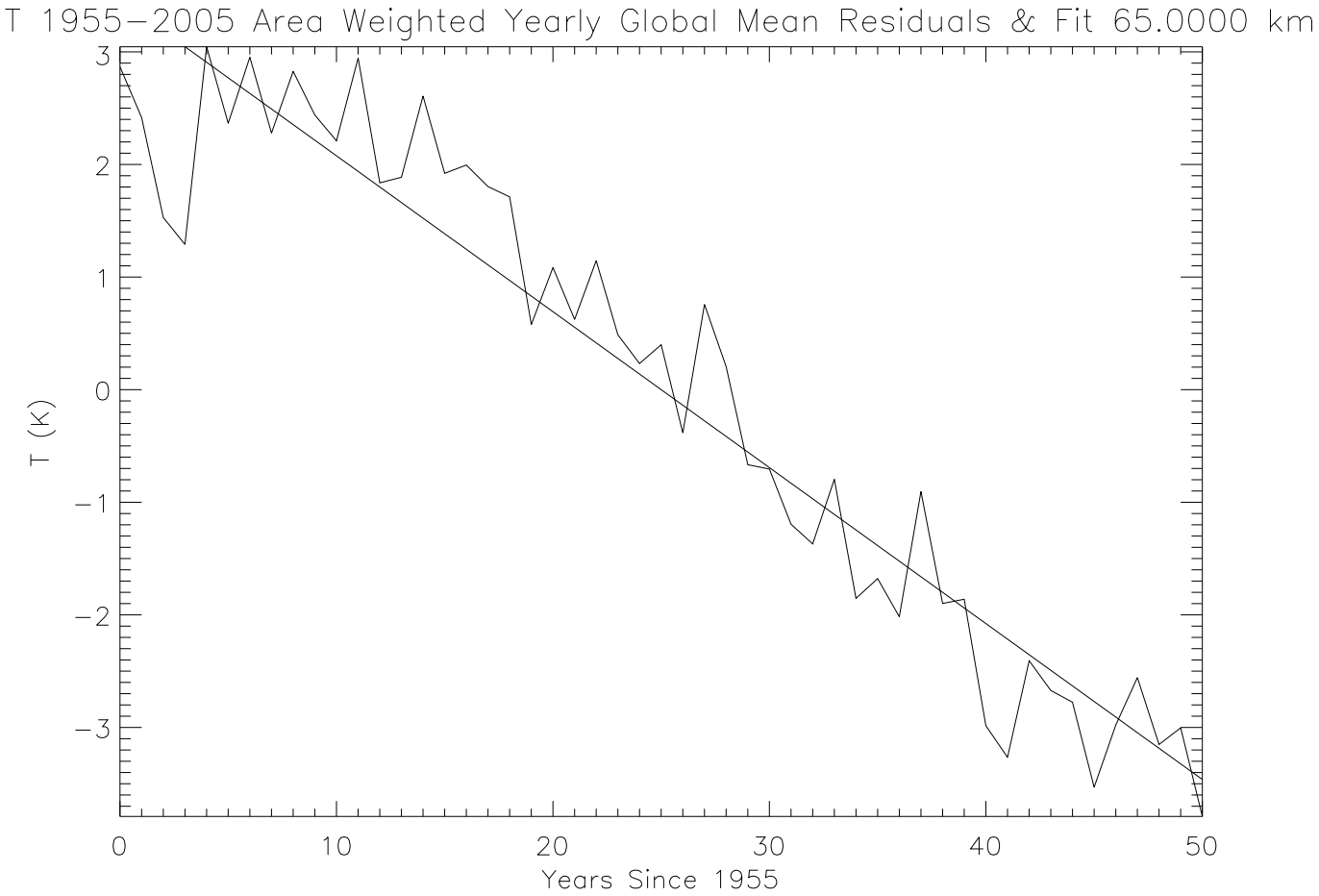

CO2 1970−2000 Area Weighted Yearly Global Mean Residuals & Fit 70.0000 km
2×10−5
1×10−5
0
−1×10−5
CO2 mol/mol
0
5
10
15
20
25
30
Years Since 1970

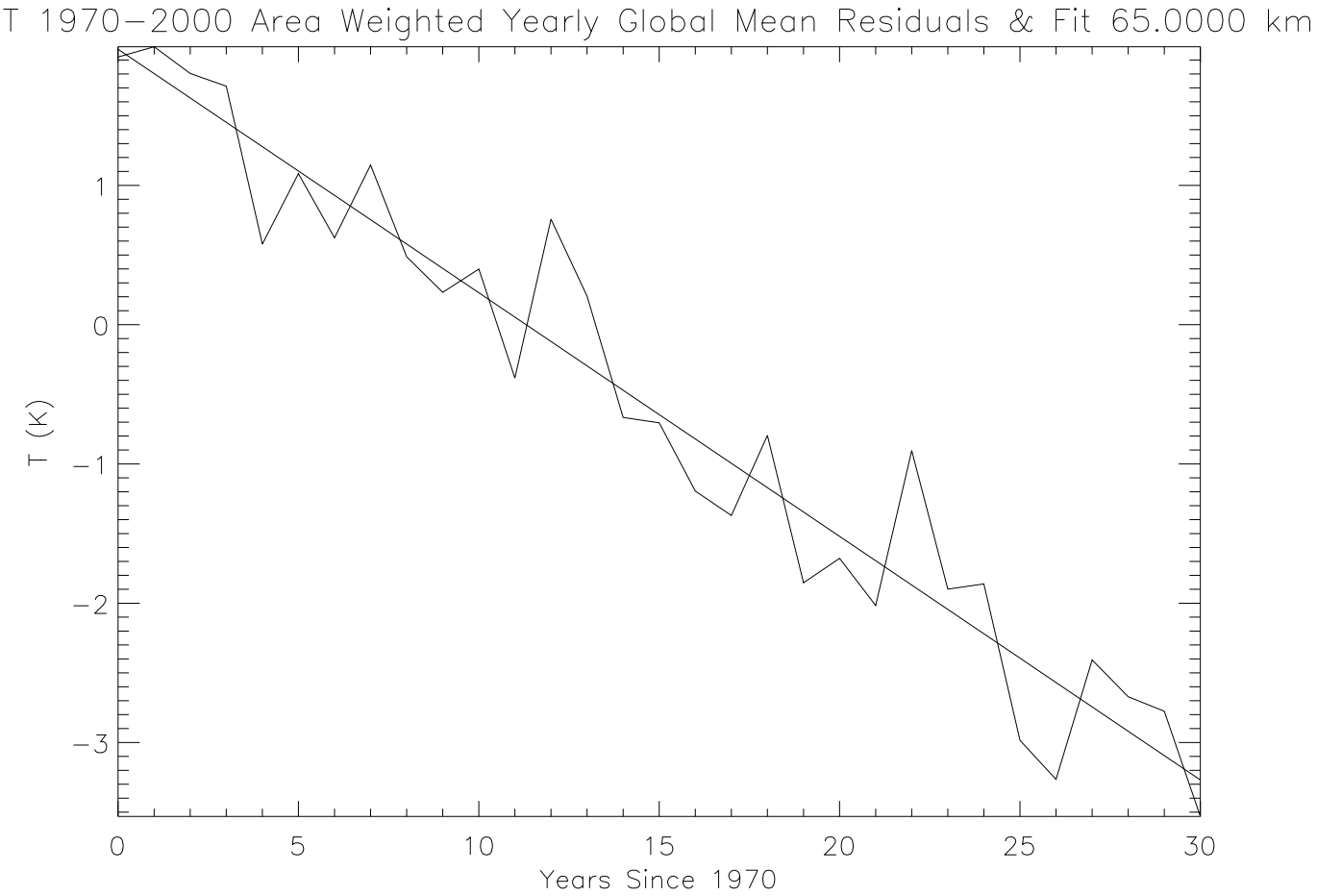

T 1955−2005 Area Weighted Yearly Global Mean Residuals & Fit 70.0000 km
T (K)
3
2
1
0
−1
−2
−3
0
10
20
30
40
50
Years Since 1955

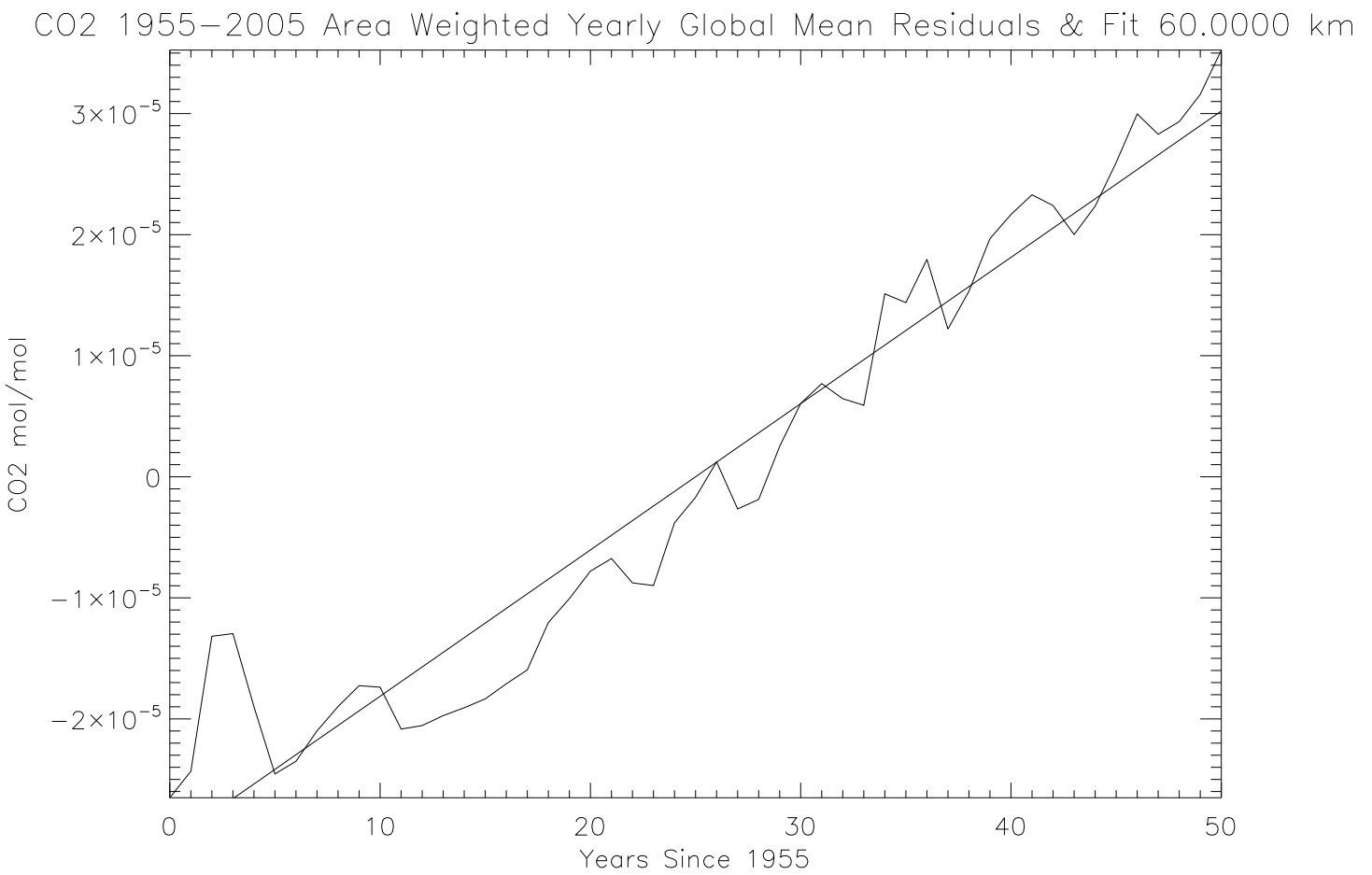

T 1970−2000 Area Weighted Yearly Global Mean Residuals & Fit 70.0000 km
T (K)
1
0
−1
−2
−3
0
5
10
15
20
25
30
Years Since 1970

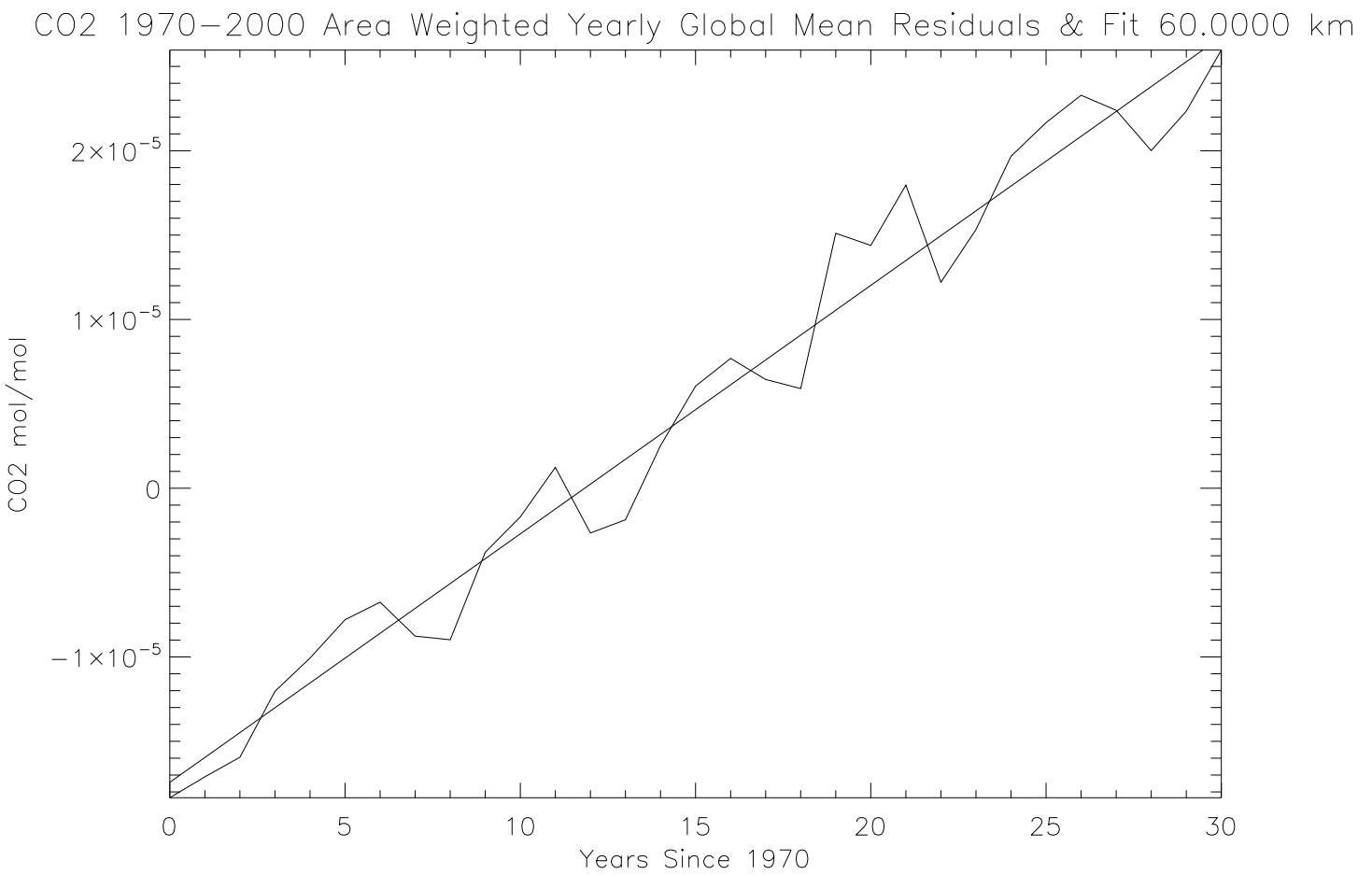

CO2 1955–2005 Area Weighted Yearly Global Mean Residuals & Fit 65.0000 km
3×10⁻⁵
2×10⁻⁵
1×10⁻⁵
0
−1×10⁻⁵
−2×10⁻⁵
CO2 mol/mol
0
10
20
30
40
50
Years Since 1955

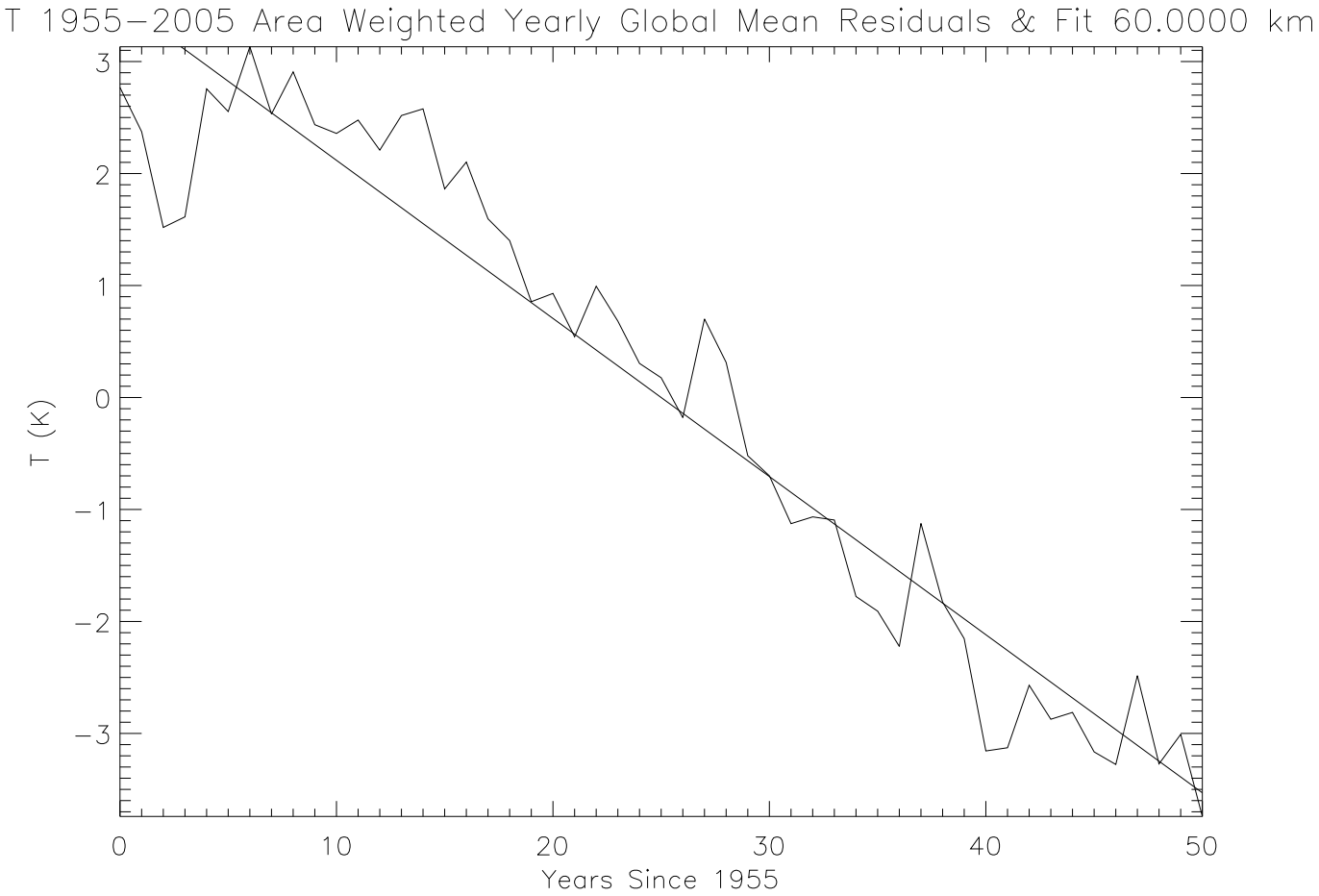

CO2 1970−2000 Area Weighted Yearly Global Mean Residuals & Fit 65.0000 km
2×10−5
1×10−5
0
−1×10−5
CO2 mol/mol
0
5
10
15
20
25
30
Years Since 1970

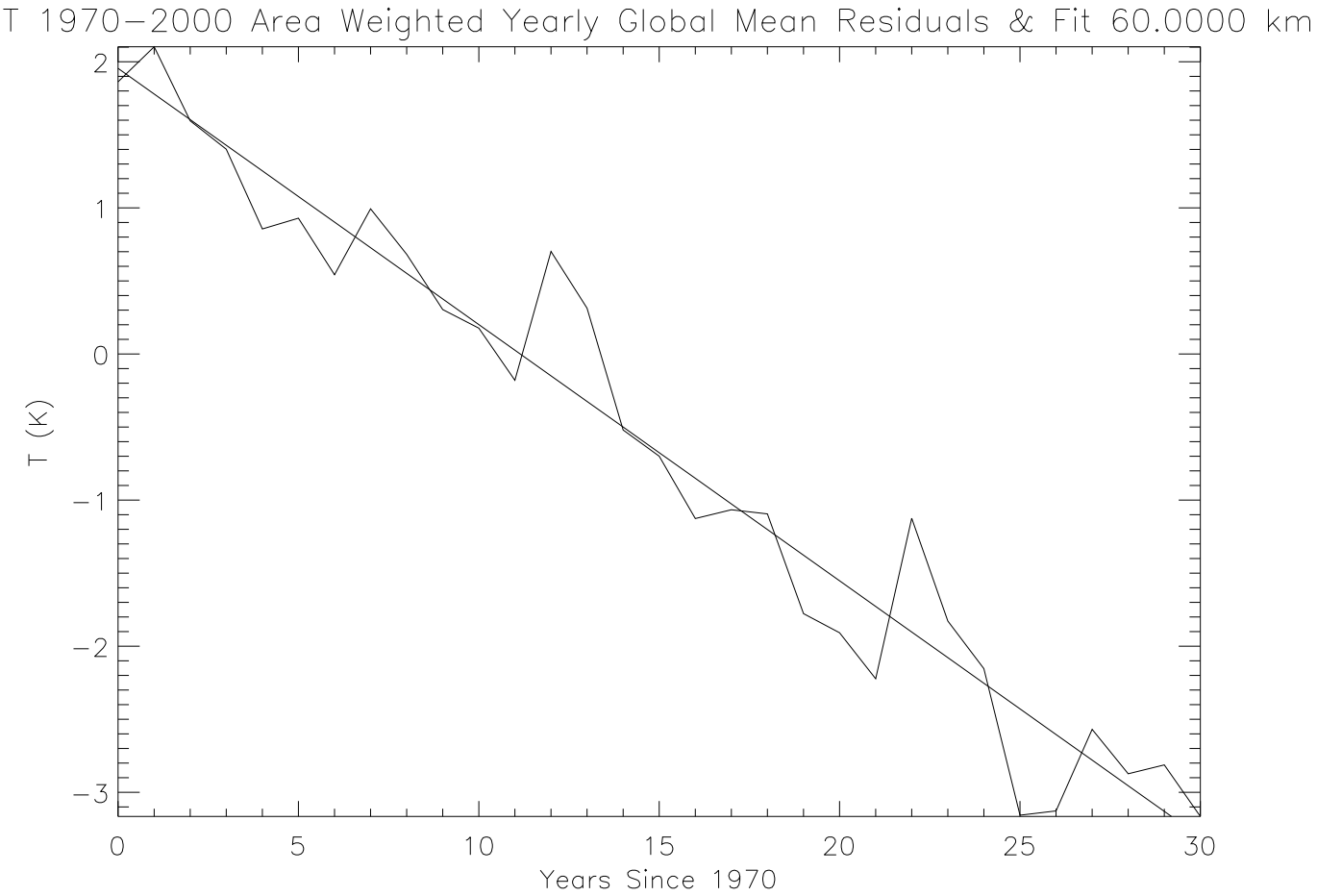

T 1955−2005 Area Weighted Yearly Global Mean Residuals & Fit 65.0000 km
T (K)
3
2
1
0
−1
−2
−3
0
10
20
30
40
50
Years Since 1955

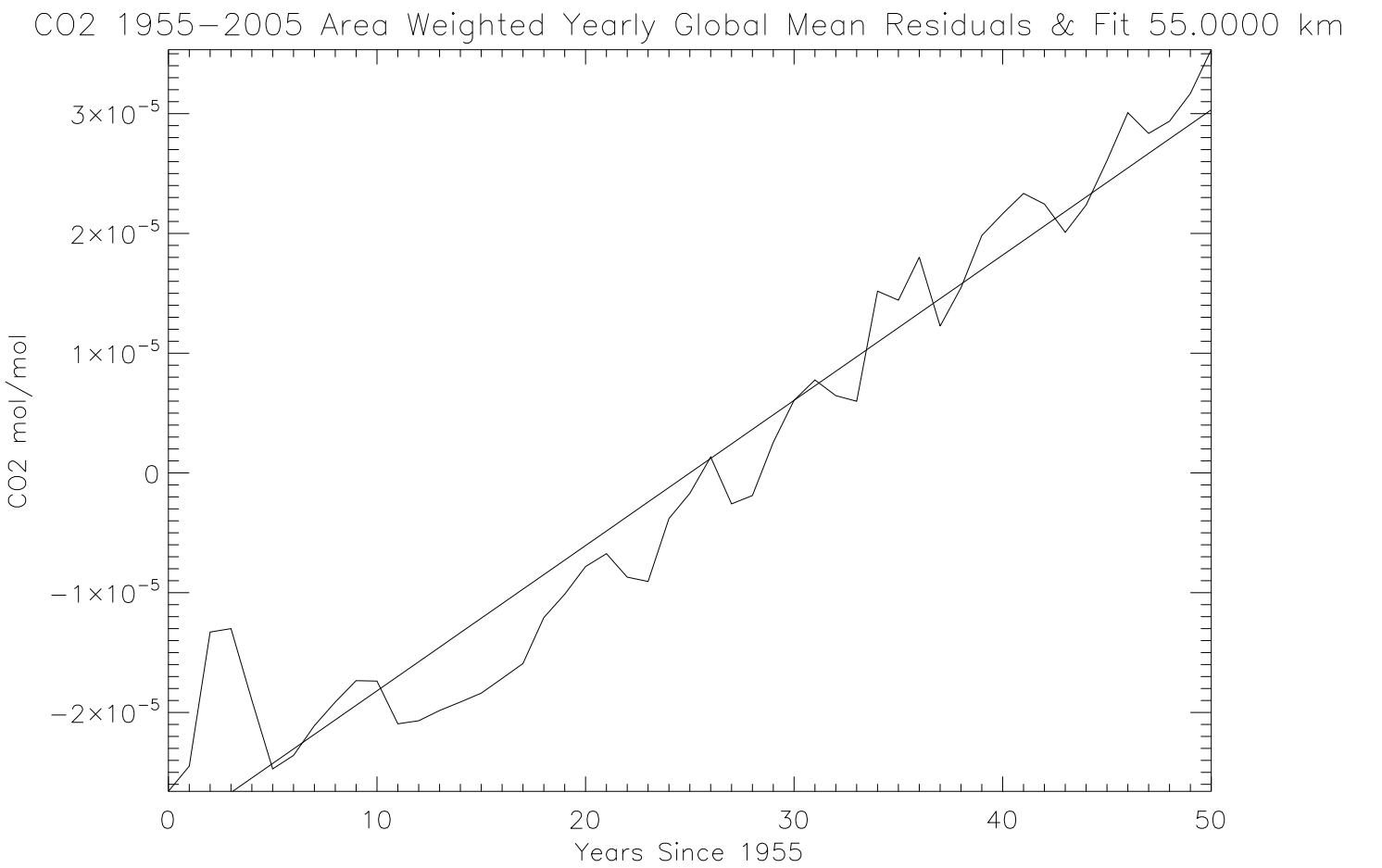

T 1970−2000 Area Weighted Yearly Global Mean Residuals & Fit 65.0000 km
T (K)
1
0
−1
−2
−3
0
5
10
15
20
25
30
Years Since 1970

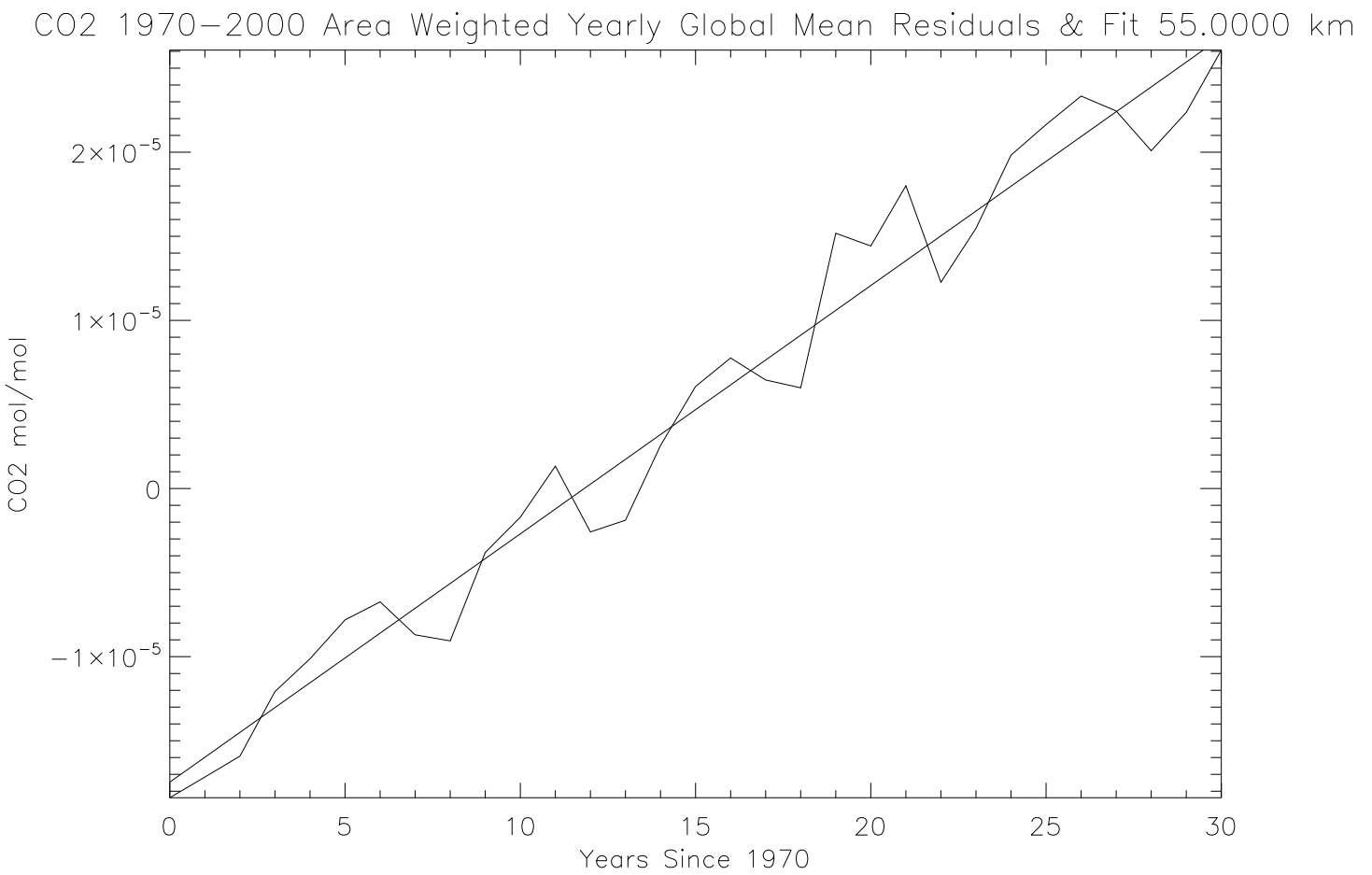

CO2 1955–2005 Area Weighted Yearly Global Mean Residuals & Fit 60.0000 km
3×10⁻⁵
2×10⁻⁵
1×10⁻⁵
0
−1×10⁻⁵
−2×10⁻⁵
CO2 mol/mol
0
10
20
30
40
50
Years Since 1955

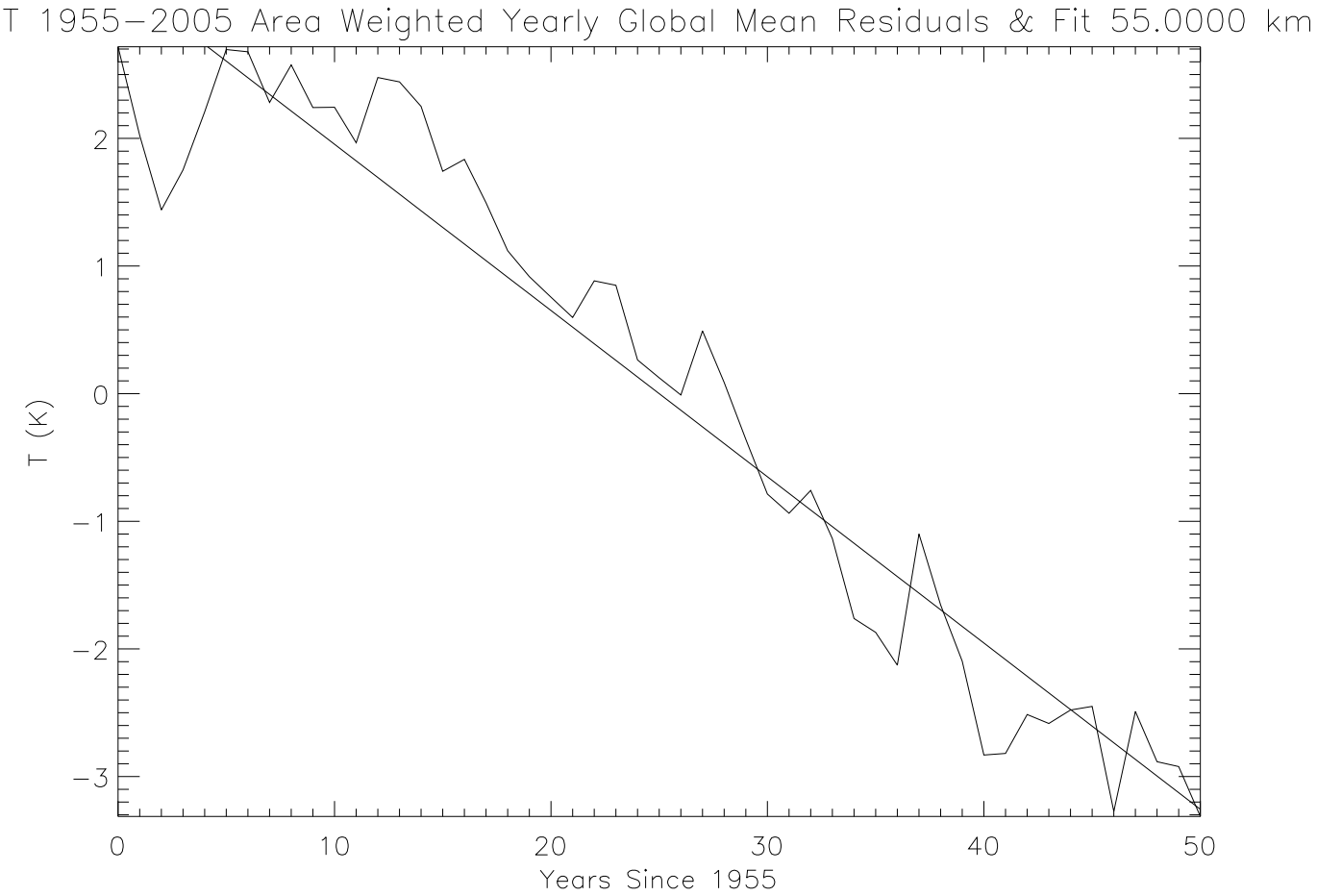

CO2 1970–2000 Area Weighted Yearly Global Mean Residuals & Fit 60.0000 km
2×10^-5
1×10^-5
0
−1×10^-5
CO2 mol/mol
0
5
10
15
20
25
30
Years Since 1970

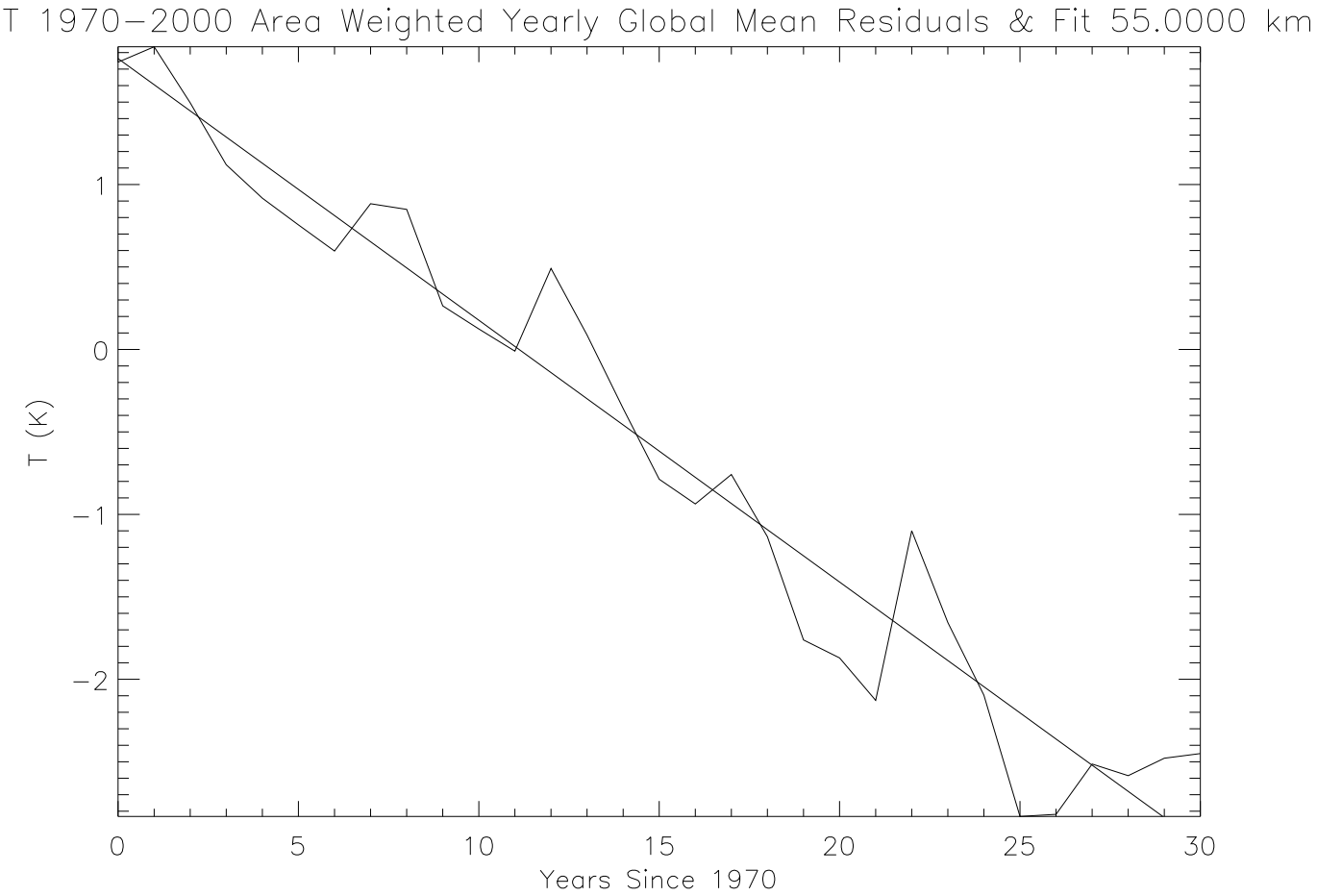

T 1955−2005 Area Weighted Yearly Global Mean Residuals & Fit 60.0000 km
T (K)
3
2
1
0
−1
−2
−3
0
10
20
30
40
50
Years Since 1955

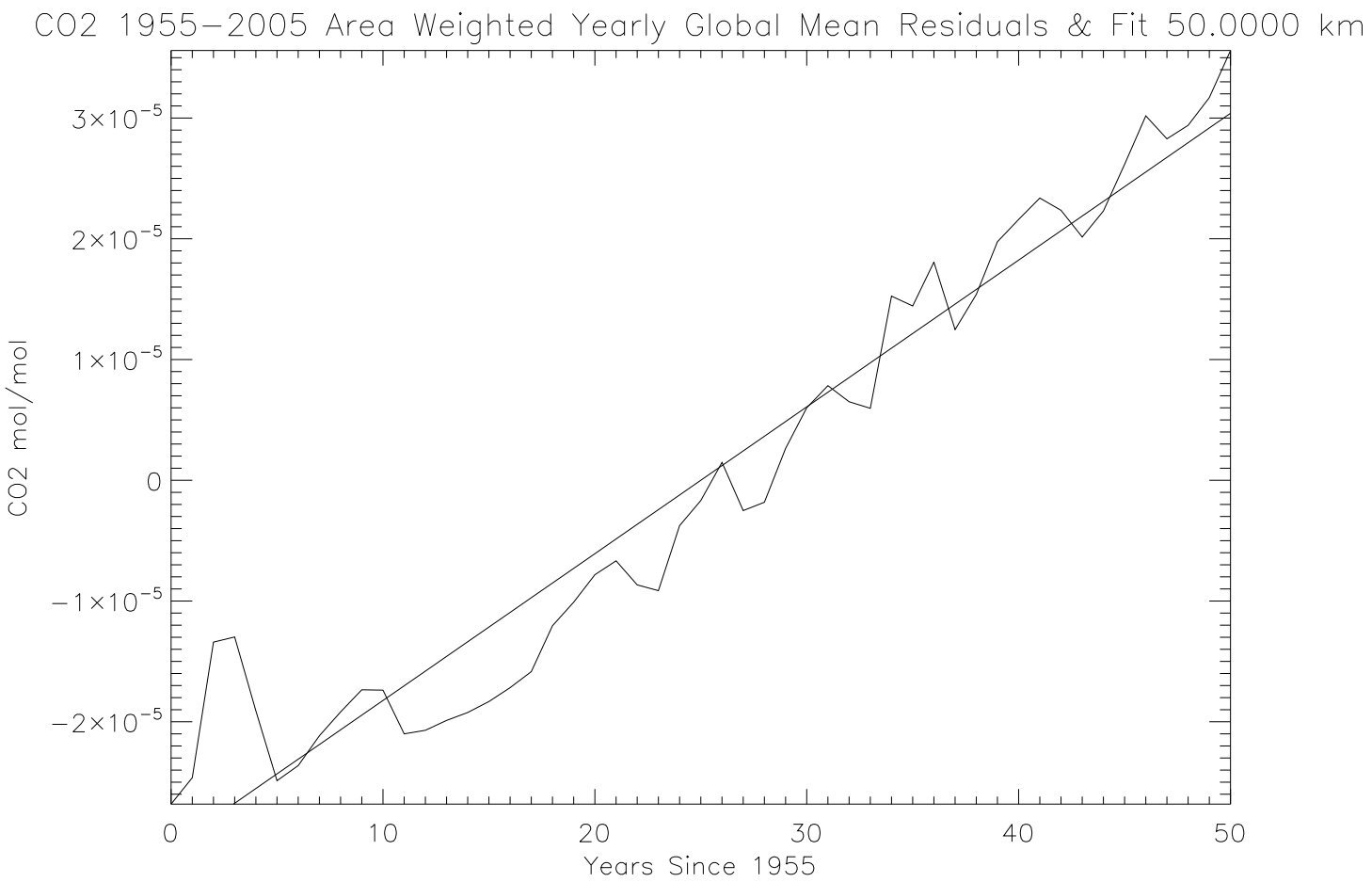

T 1970−2000 Area Weighted Yearly Global Mean Residuals & Fit 60.0000 km
T (K)
2
1
0
−1
−2
−3
0
5
10
15
20
25
30
Years Since 1970

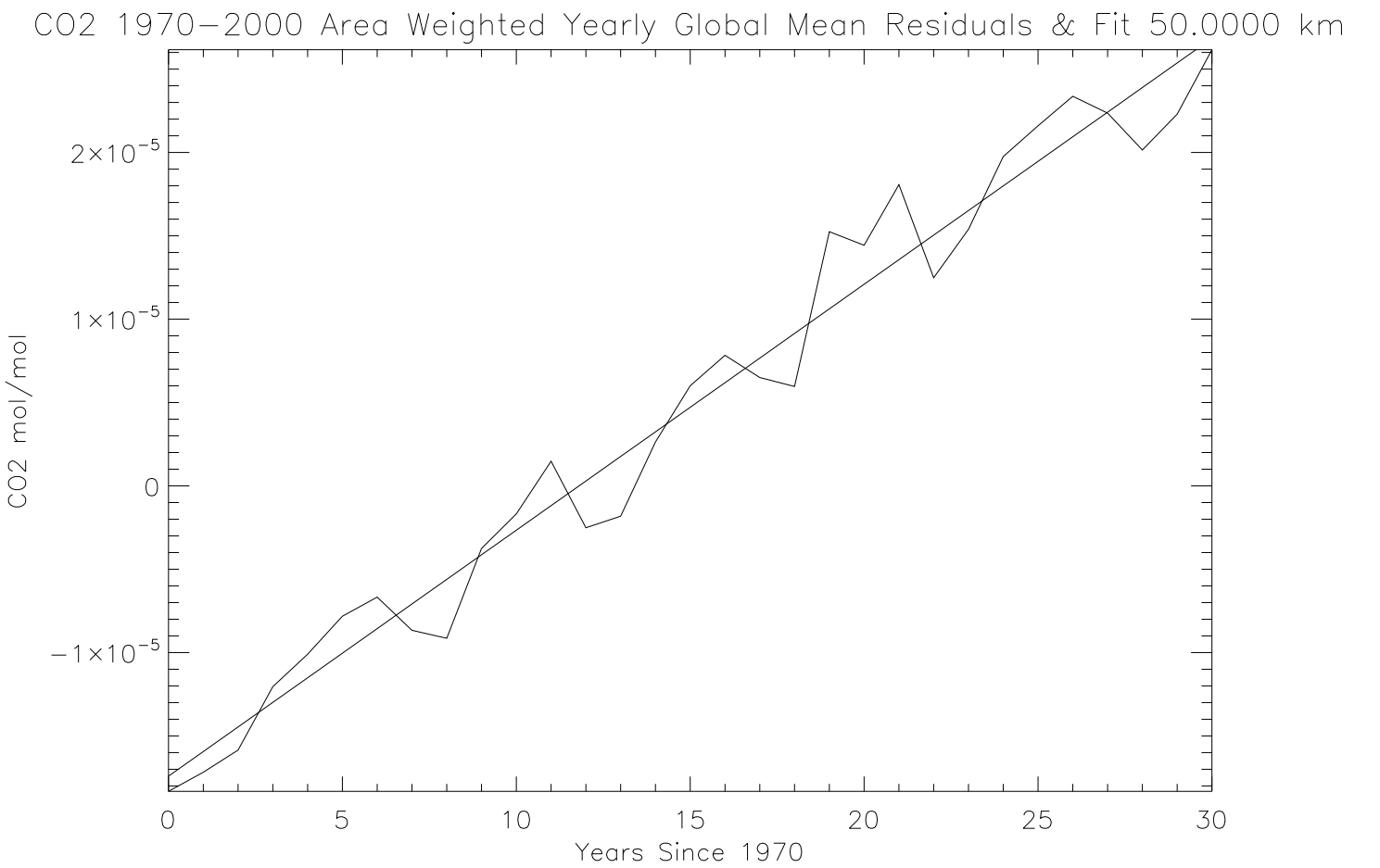

CO2 1955–2005 Area Weighted Yearly Global Mean Residuals & Fit 55.0000 km
3×10⁻⁵
2×10⁻⁵
1×10⁻⁵
0
−1×10⁻⁵
−2×10⁻⁵
CO2 mol/mol
0
10
20
30
40
50
Years Since 1955

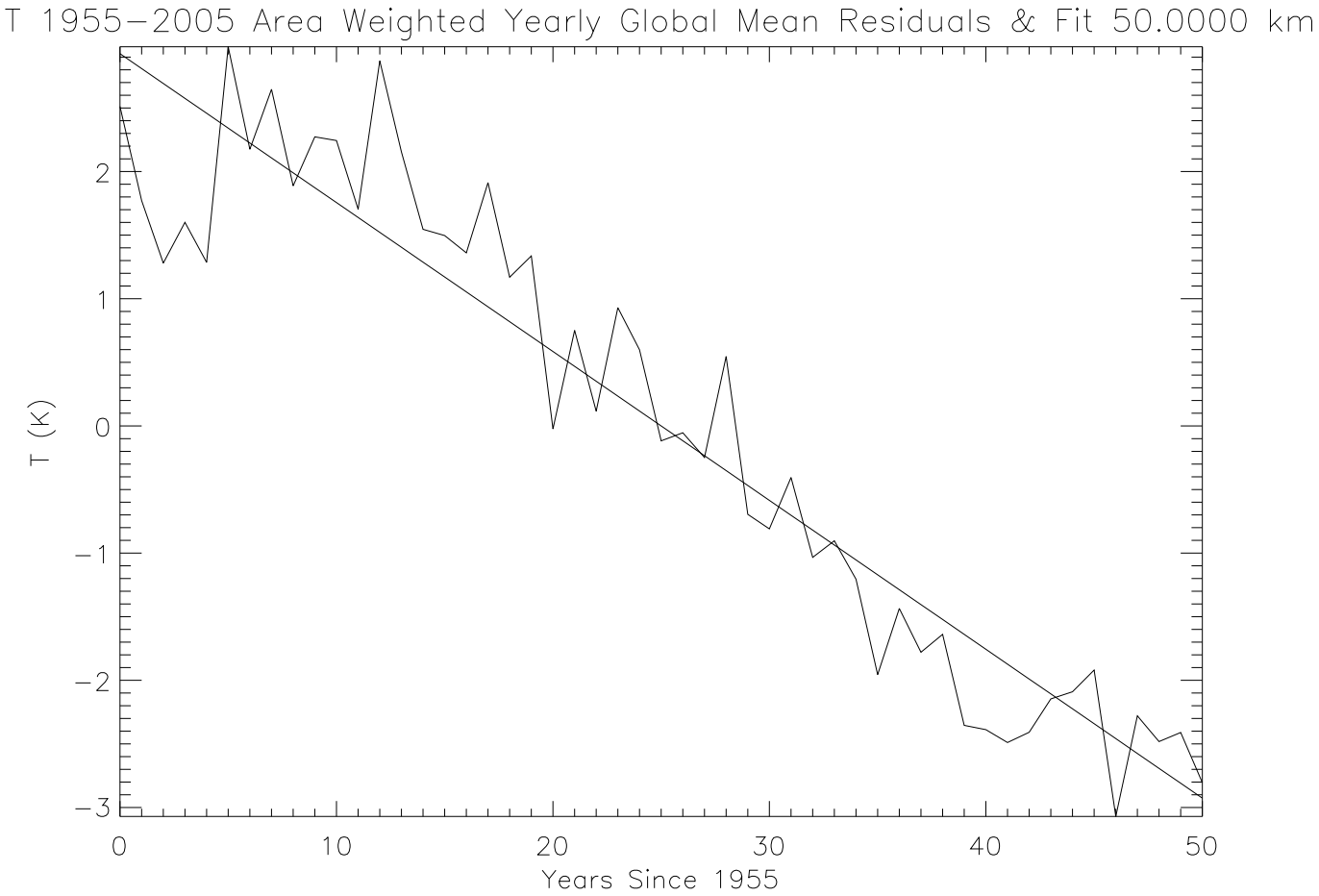

CO2 1970−2000 Area Weighted Yearly Global Mean Residuals & Fit 55.0000 km
2×10−5
1×10−5
0
−1×10−5
CO2 mol/mol
0
5
10
15
20
25
30
Years Since 1970

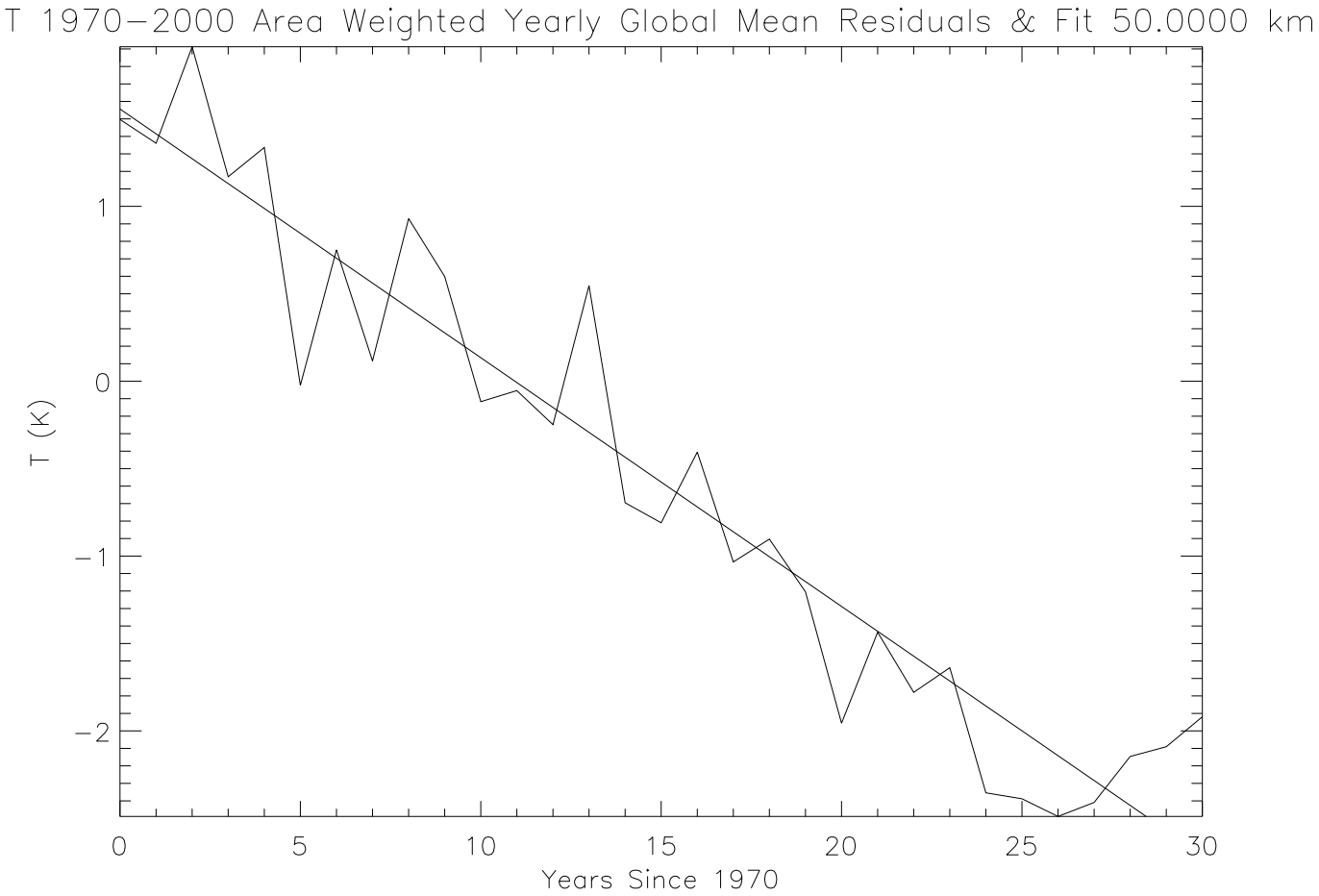

T 1955−2005 Area Weighted Yearly Global Mean Residuals & Fit 55.0000 km
T (K)
2
1
0
−1
−2
−3
0
10
20
30
40
50
Years Since 1955

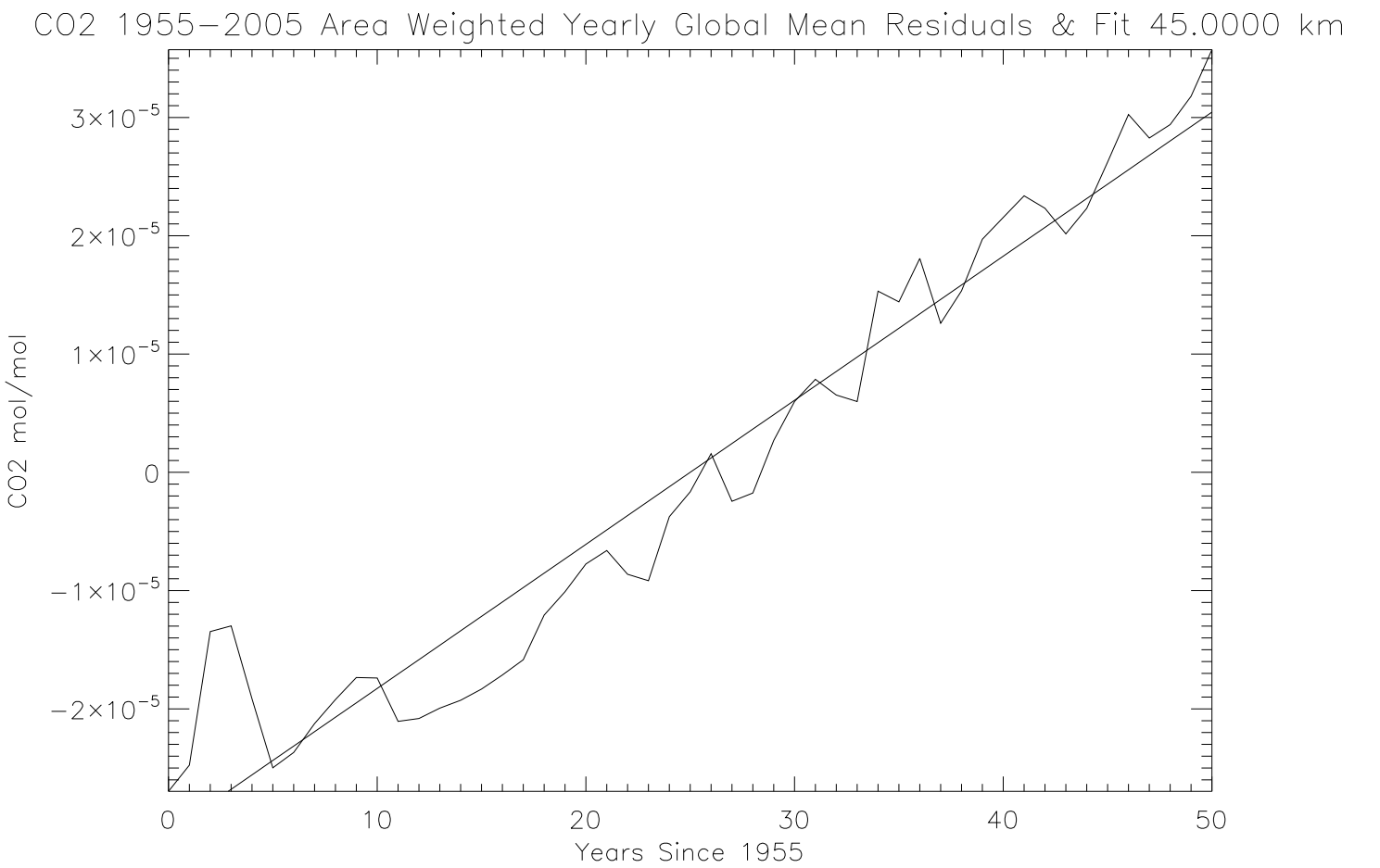

T 1970−2000 Area Weighted Yearly Global Mean Residuals & Fit 55.0000 km
T (K)
1
0
−1
−2
0
5
10
15
20
25
30
Years Since 1970

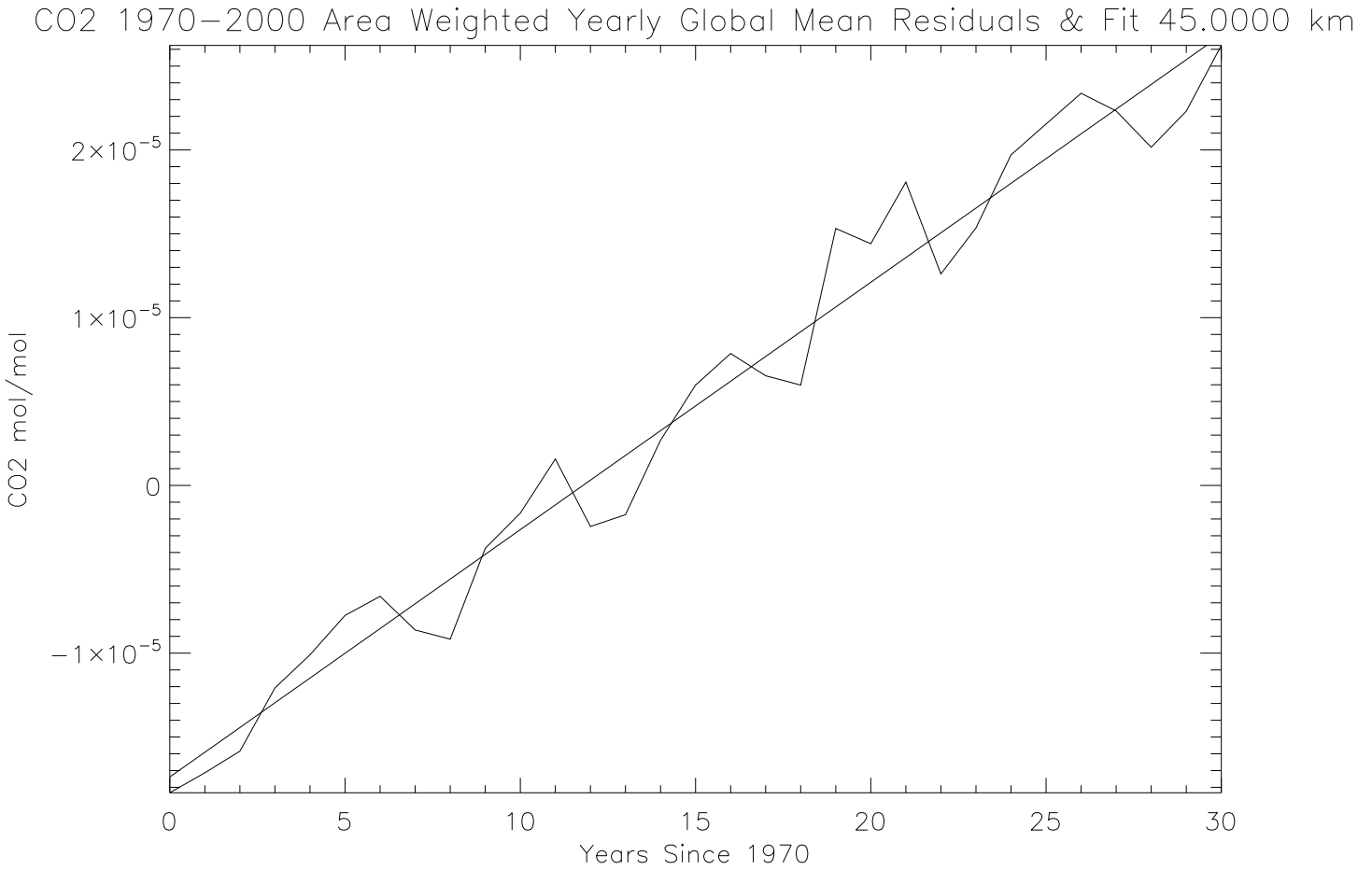

CO2 1955–2005 Area Weighted Yearly Global Mean Residuals & Fit 50.0000 km
3×10⁻⁵
2×10⁻⁵
1×10⁻⁵
0
−1×10⁻⁵
−2×10⁻⁵
CO2 mol/mol
0
10
20
30
40
50
Years Since 1955

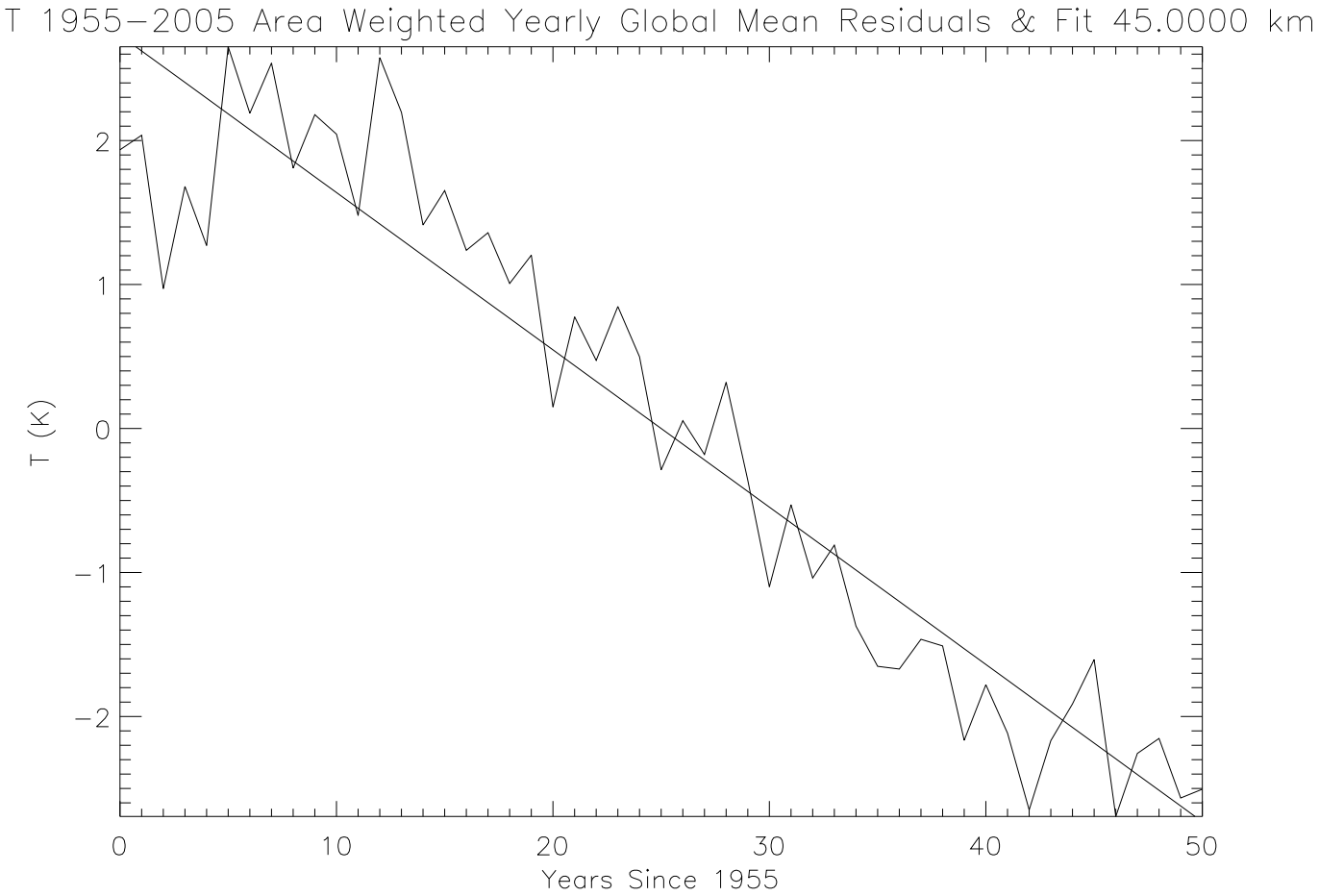

CO2 1970−2000 Area Weighted Yearly Global Mean Residuals & Fit 50.0000 km
2×10−5
1×10−5
0
−1×10−5
CO2 mol/mol
0
5
10
15
20
25
30
Years Since 1970

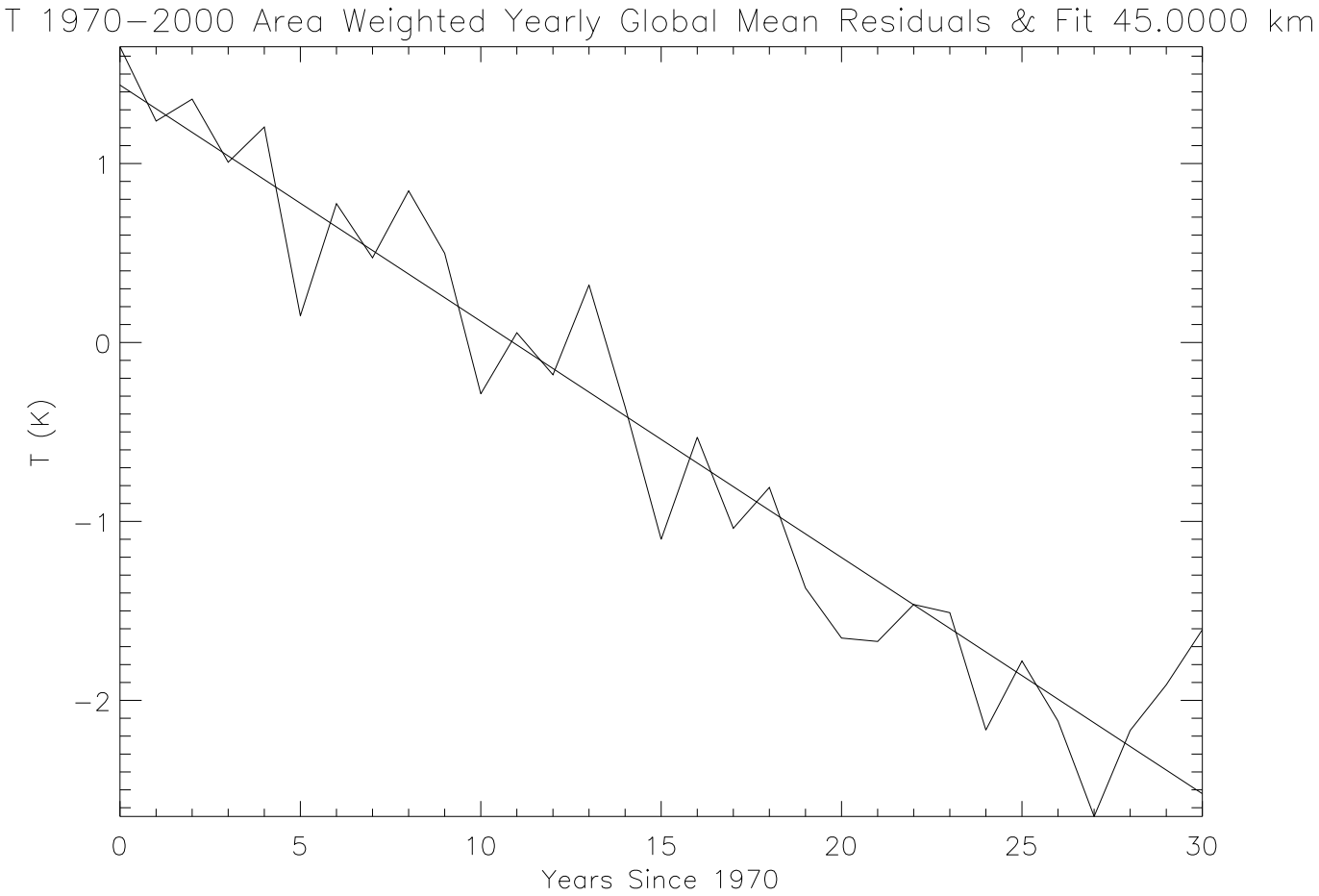

T 1955−2005 Area Weighted Yearly Global Mean Residuals & Fit 50.0000 km
T (K)
2
1
0
−1
−2
−3
0
10
20
30
40
50
Years Since 1955

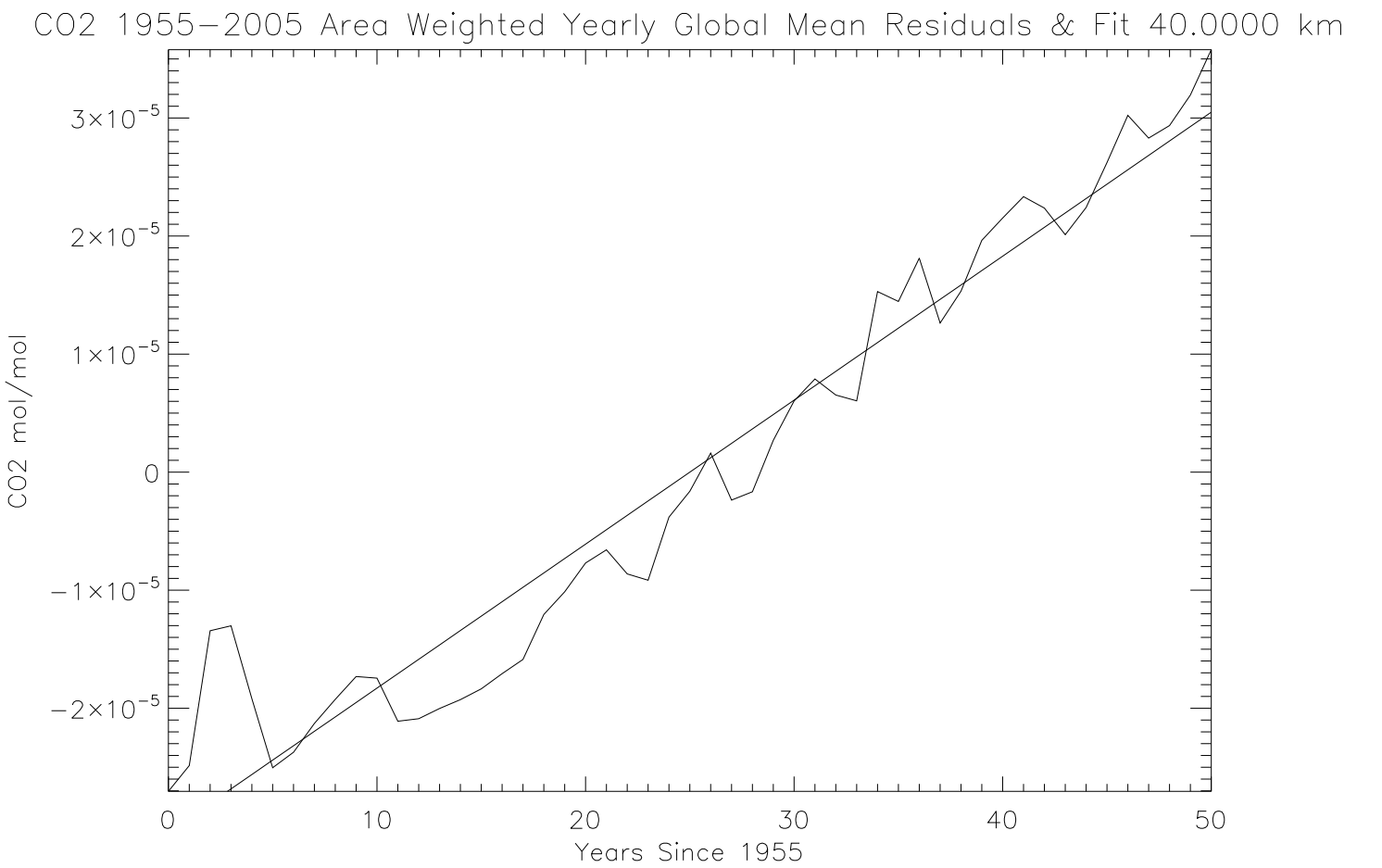

T 1970−2000 Area Weighted Yearly Global Mean Residuals & Fit 50.0000 km
T (K)
1
0
−1
−2
0
5
10
15
20
25
30
Years Since 1970

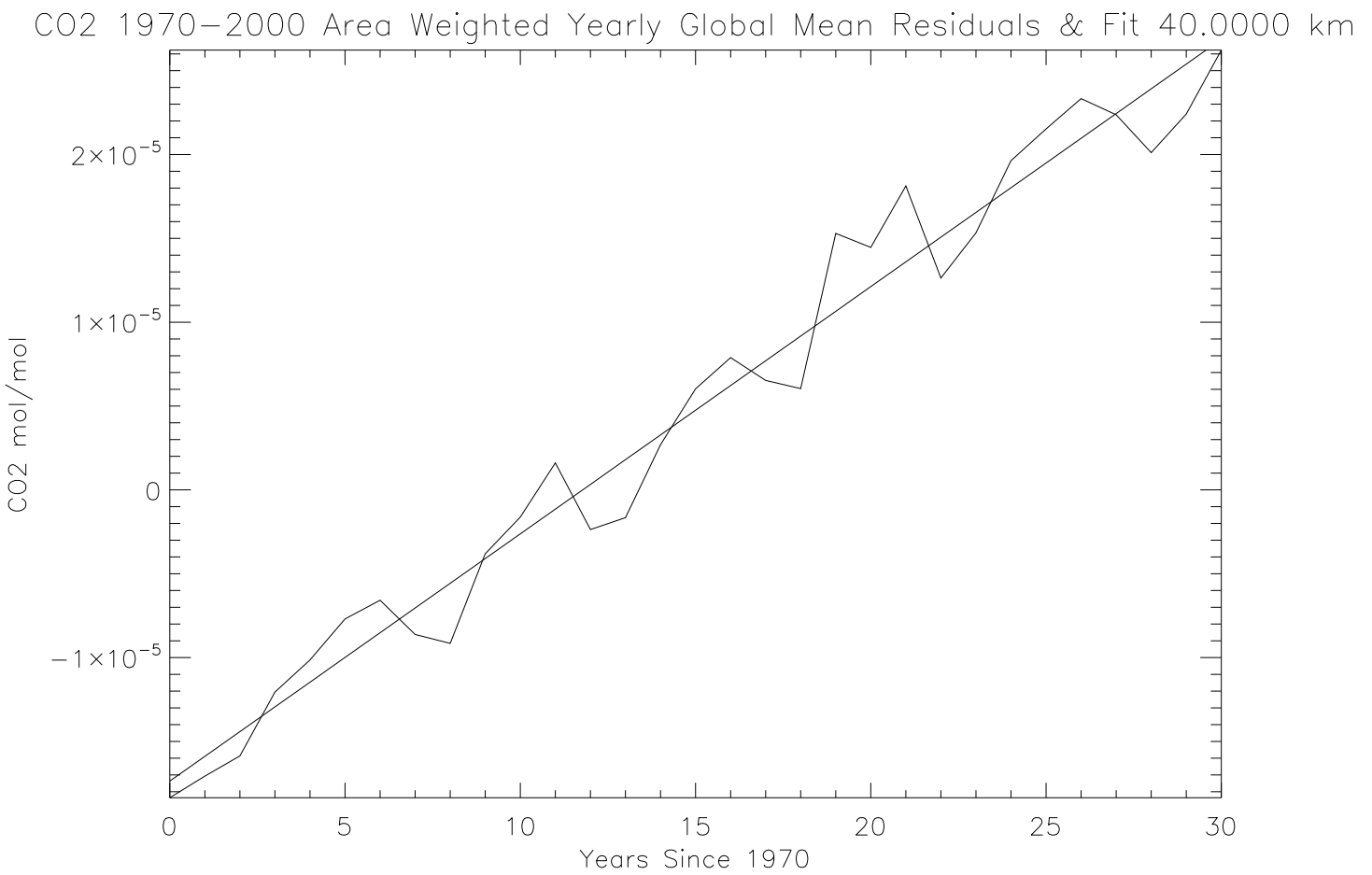

CO2 1955–2005 Area Weighted Yearly Global Mean Residuals & Fit 45.0000 km
3×10⁻⁵
2×10⁻⁵
1×10⁻⁵
0
−1×10⁻⁵
−2×10⁻⁵
CO2 mol/mol
0
10
20
30
40
50
Years Since 1955

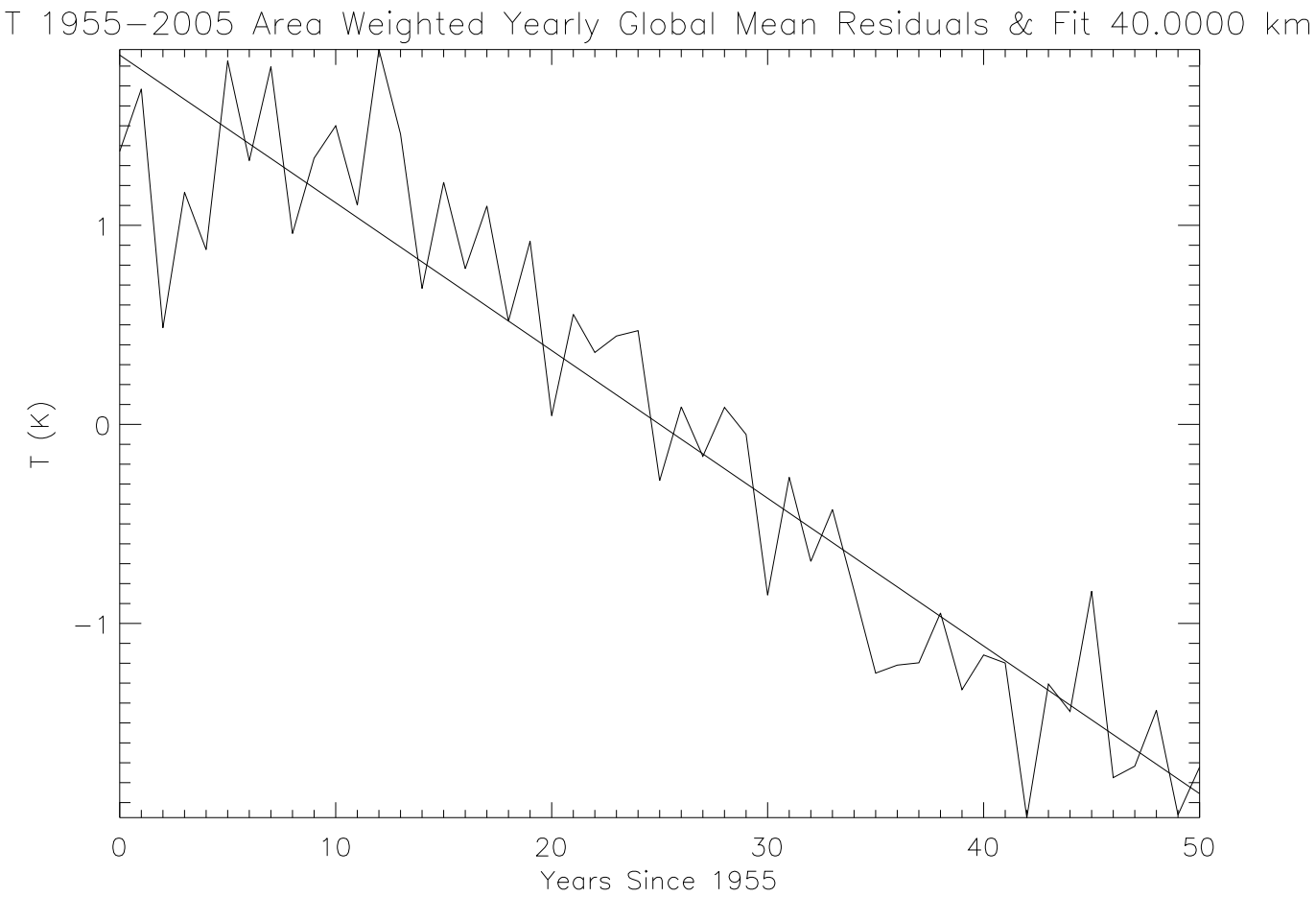

CO2 1970−2000 Area Weighted Yearly Global Mean Residuals & Fit 45.0000 km
2×10−5
1×10−5
0
−1×10−5
CO2 mol/mol
0
5
10
15
20
25
30
Years Since 1970

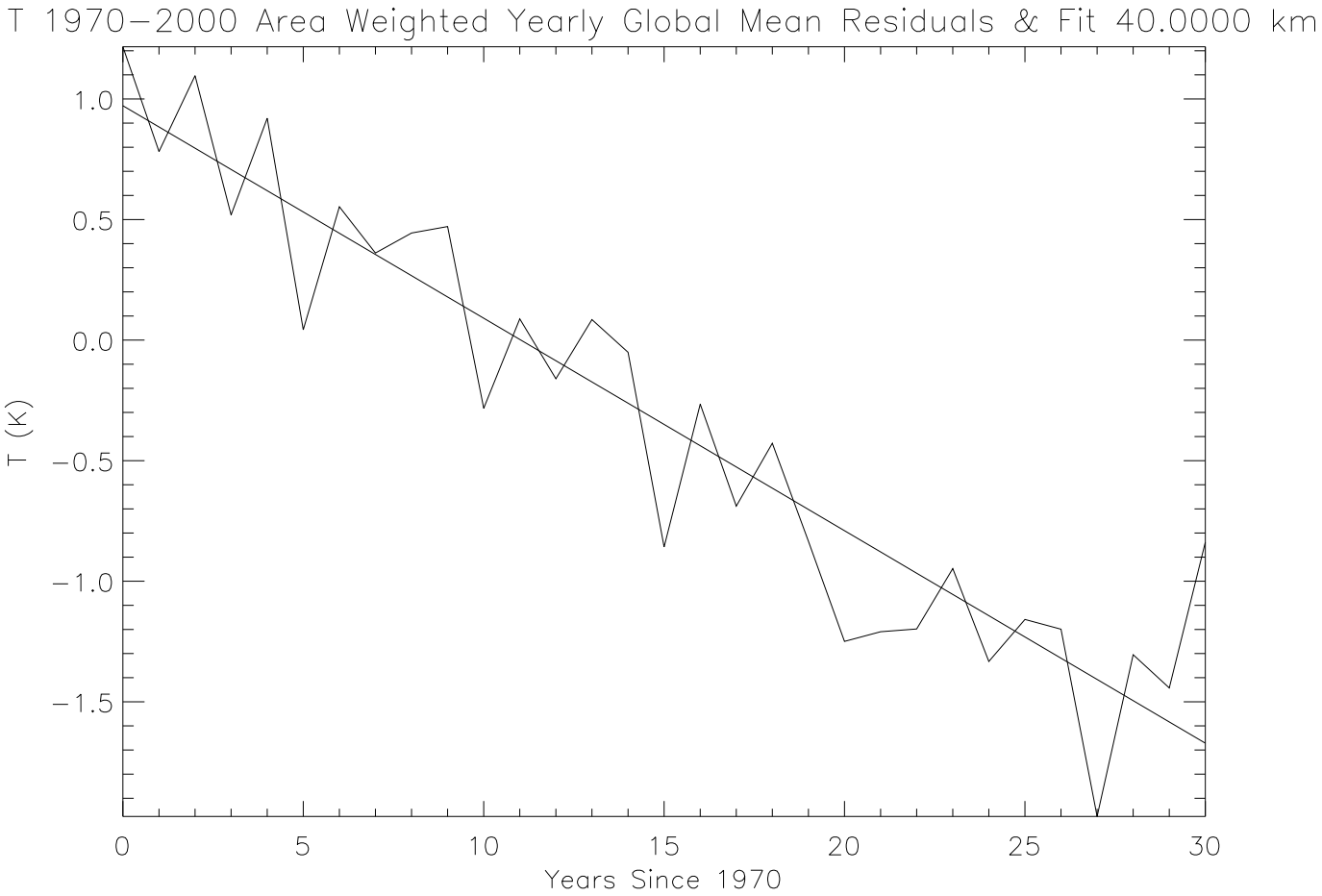

T 1955−2005 Area Weighted Yearly Global Mean Residuals & Fit 45.0000 km
T (K)
2
1
0
−1
−2
0
10
20
30
40
50
Years Since 1955

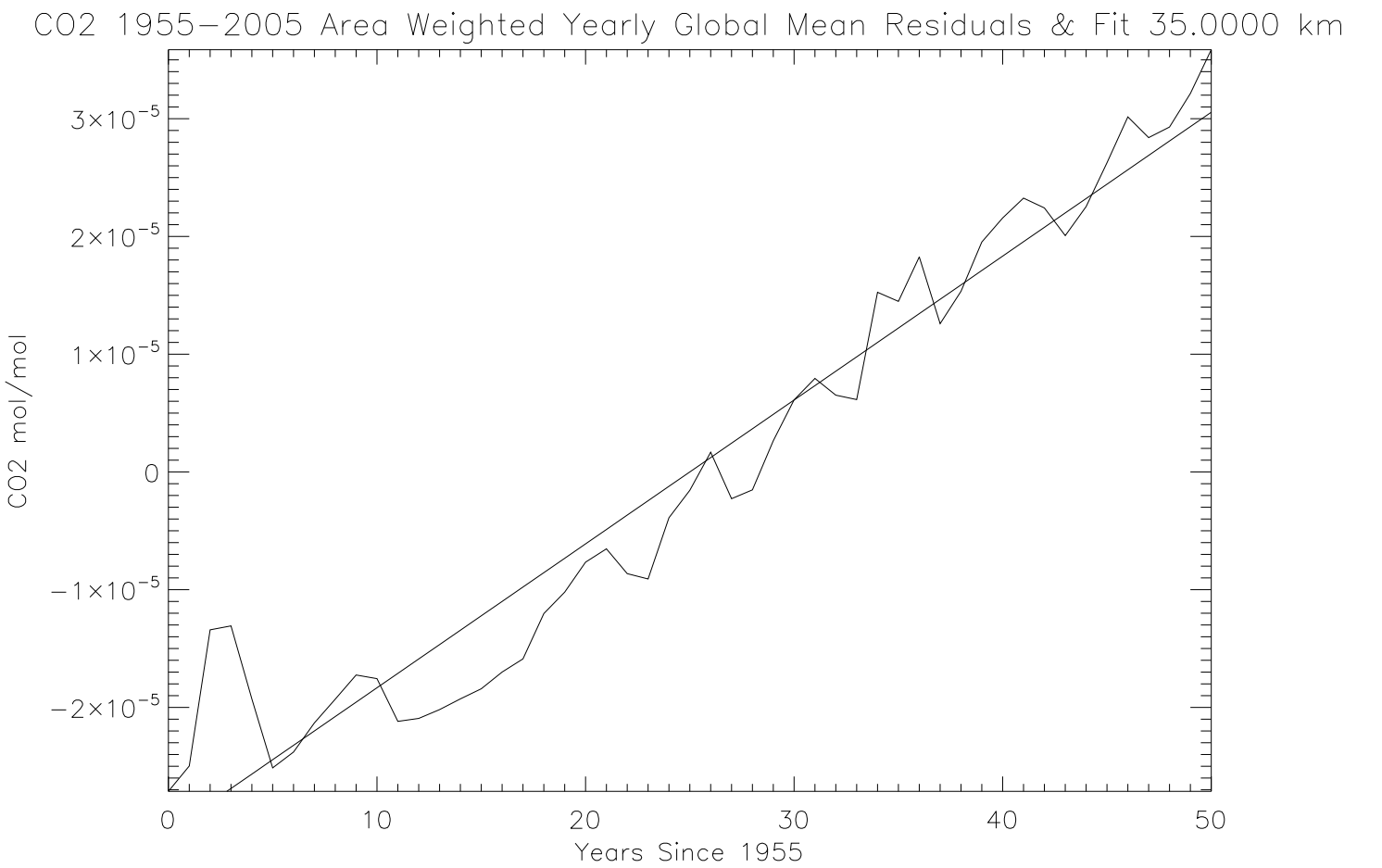

T 1970−2000 Area Weighted Yearly Global Mean Residuals & Fit 45.0000 km
T (K)
1
0
−1
−2
0
5
10
15
20
25
30
Years Since 1970

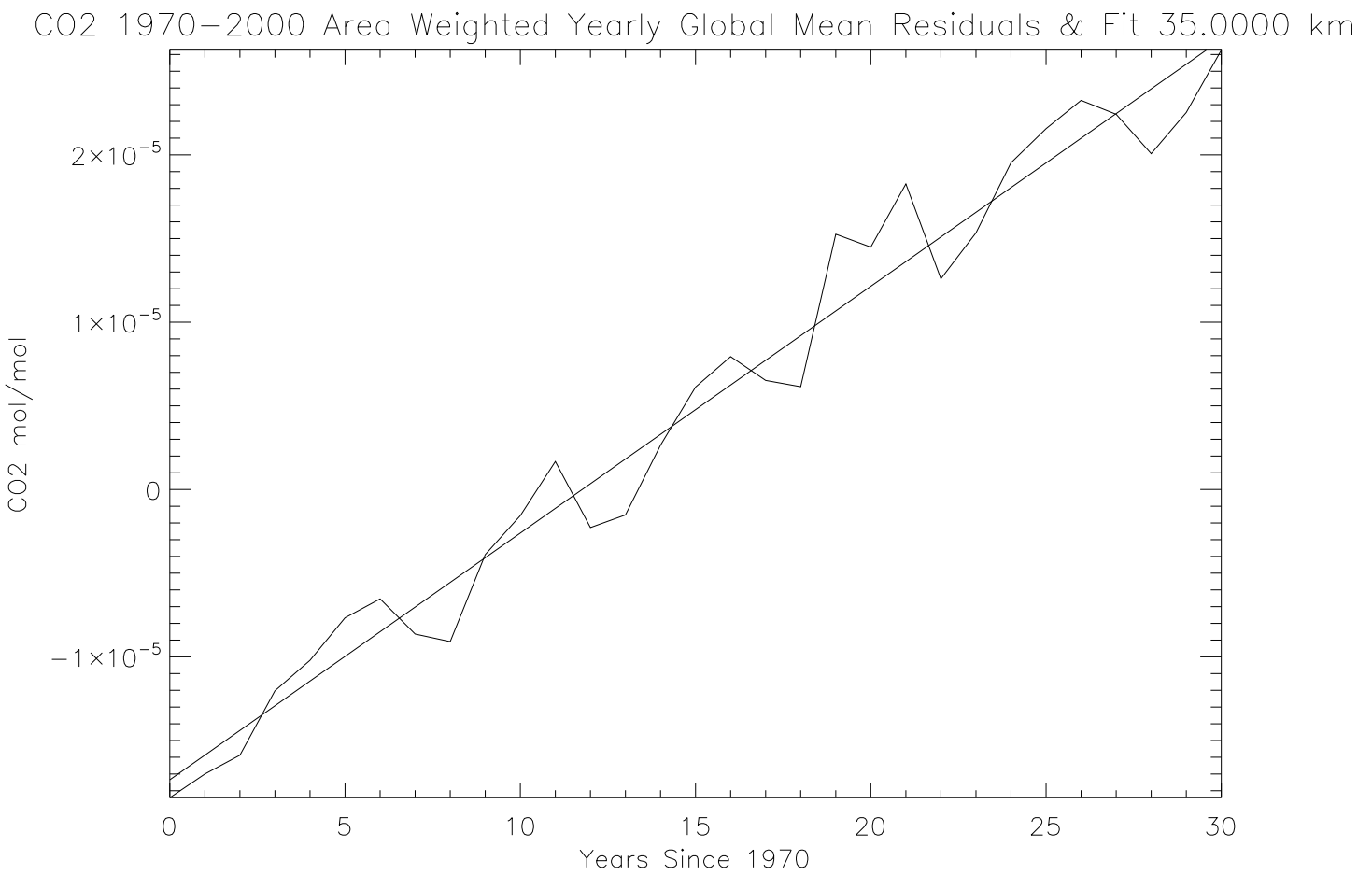

CO2 1955–2005 Area Weighted Yearly Global Mean Residuals & Fit 40.0000 km
3×10⁻⁵
2×10⁻⁵
1×10⁻⁵
0
−1×10⁻⁵
−2×10⁻⁵
CO2 mol/mol
0
10
20
30
40
50
Years Since 1955

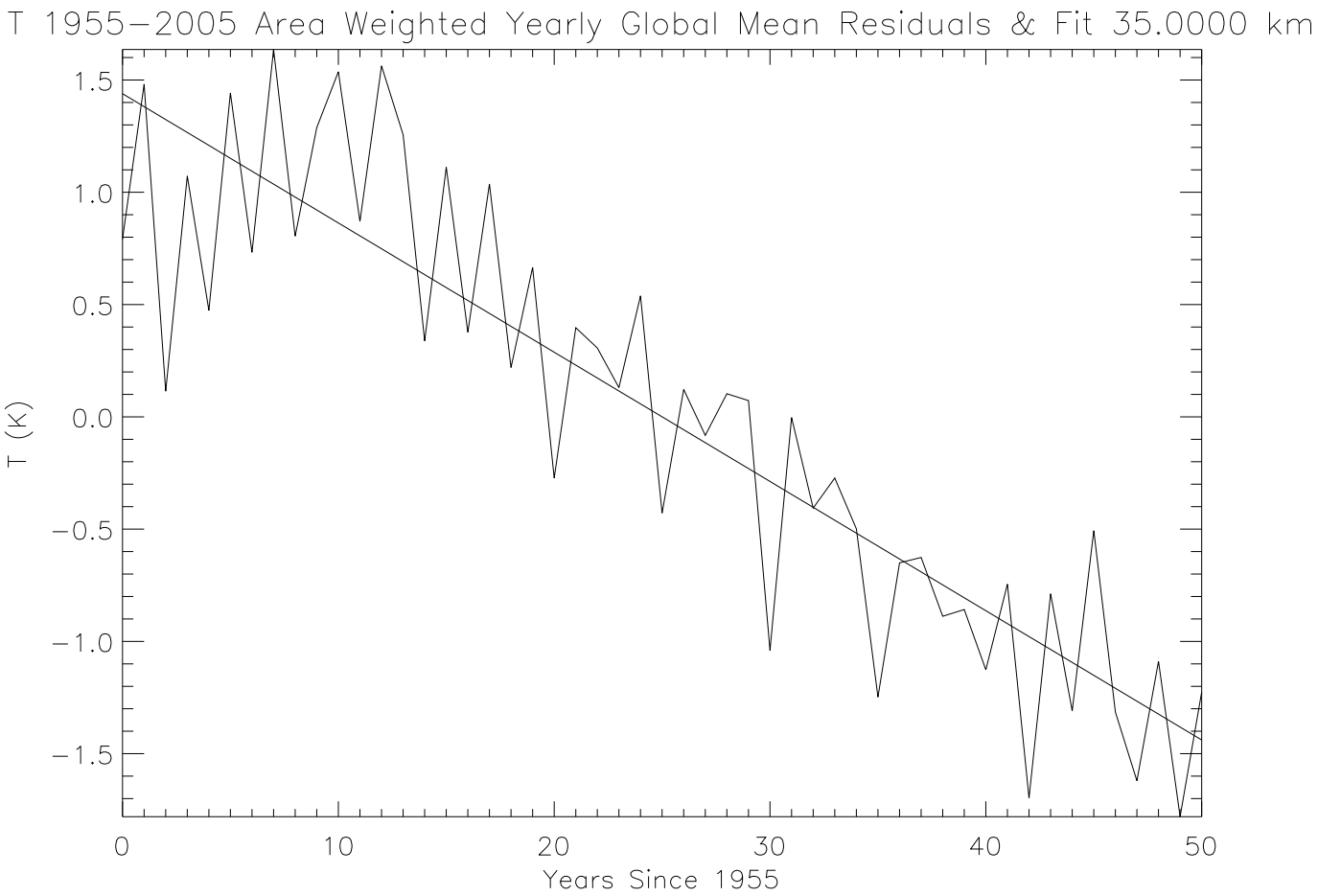

CO2 1970−2000 Area Weighted Yearly Global Mean Residuals & Fit 40.0000 km
2×10−5
1×10−5
0
−1×10−5
CO2 mol/mol
0
5
10
15
20
25
30
Years Since 1970

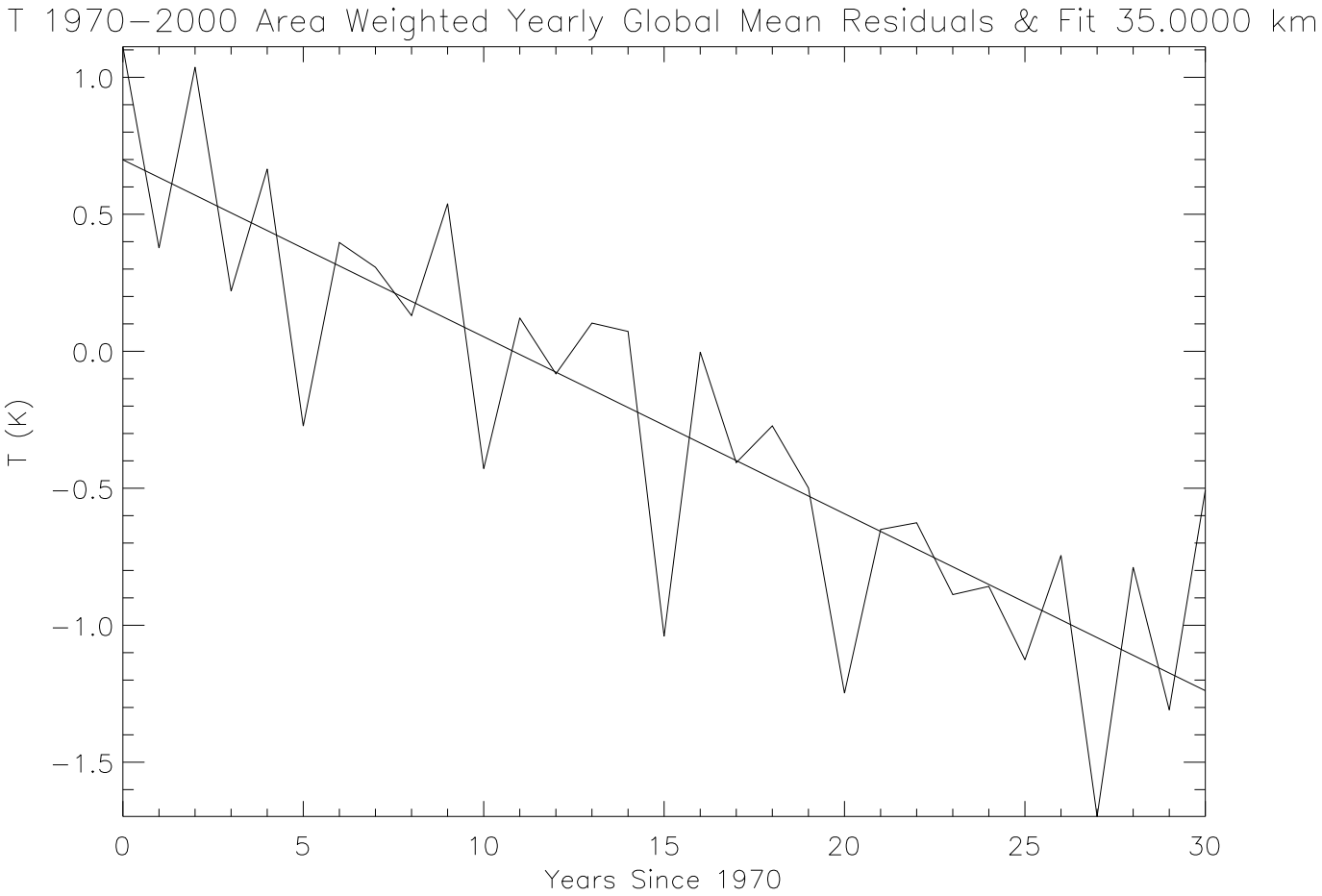

T 1955−2005 Area Weighted Yearly Global Mean Residuals & Fit 40.0000 km
T (K)
1
0
−1
0
10
20
30
40
50
Years Since 1955

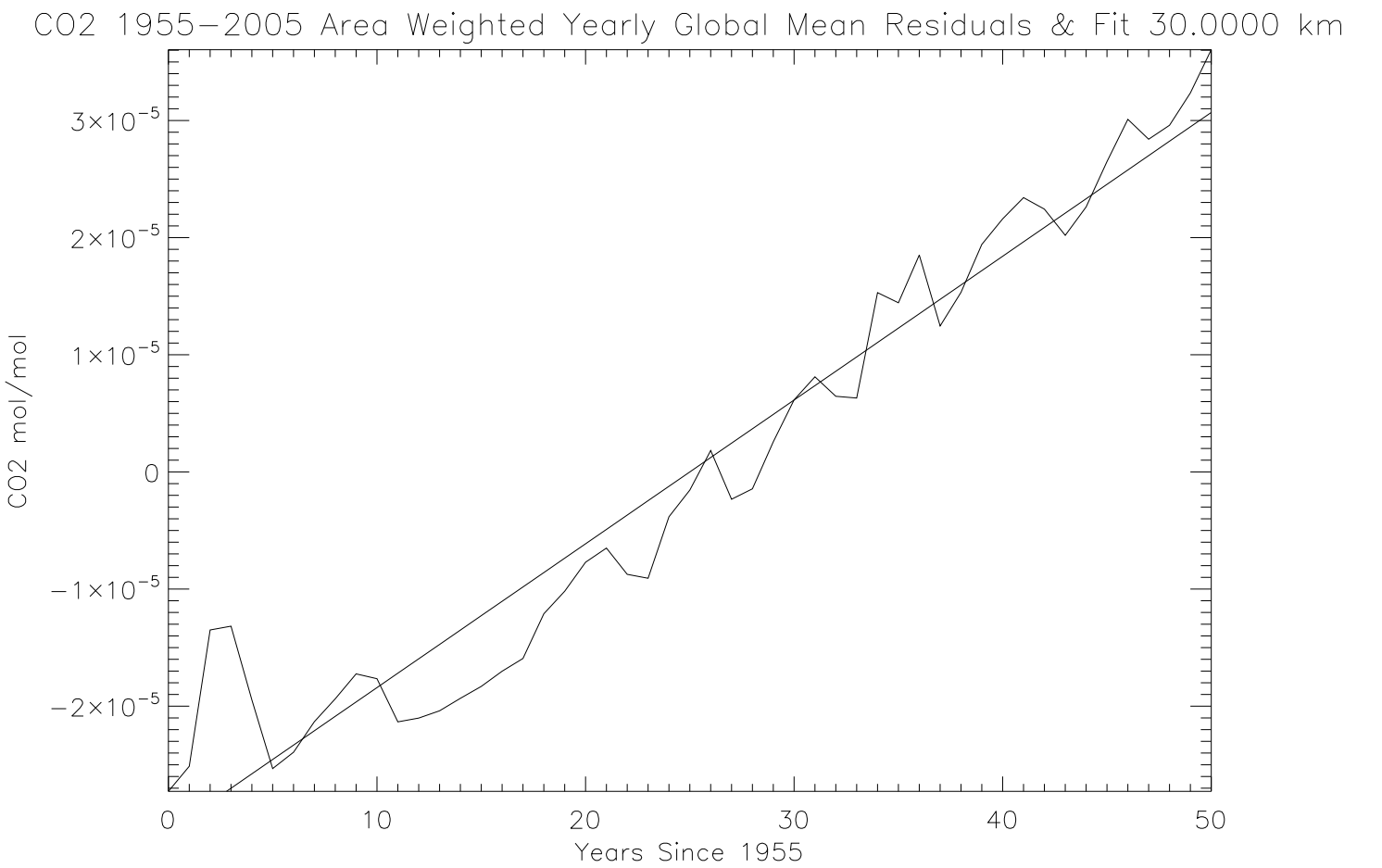

T 1970−2000 Area Weighted Yearly Global Mean Residuals & Fit 40.0000 km
1.0
0.5
0.0
−0.5
−1.0
−1.5
T (K)
0
5
10
15
20
25
30
Years Since 1970

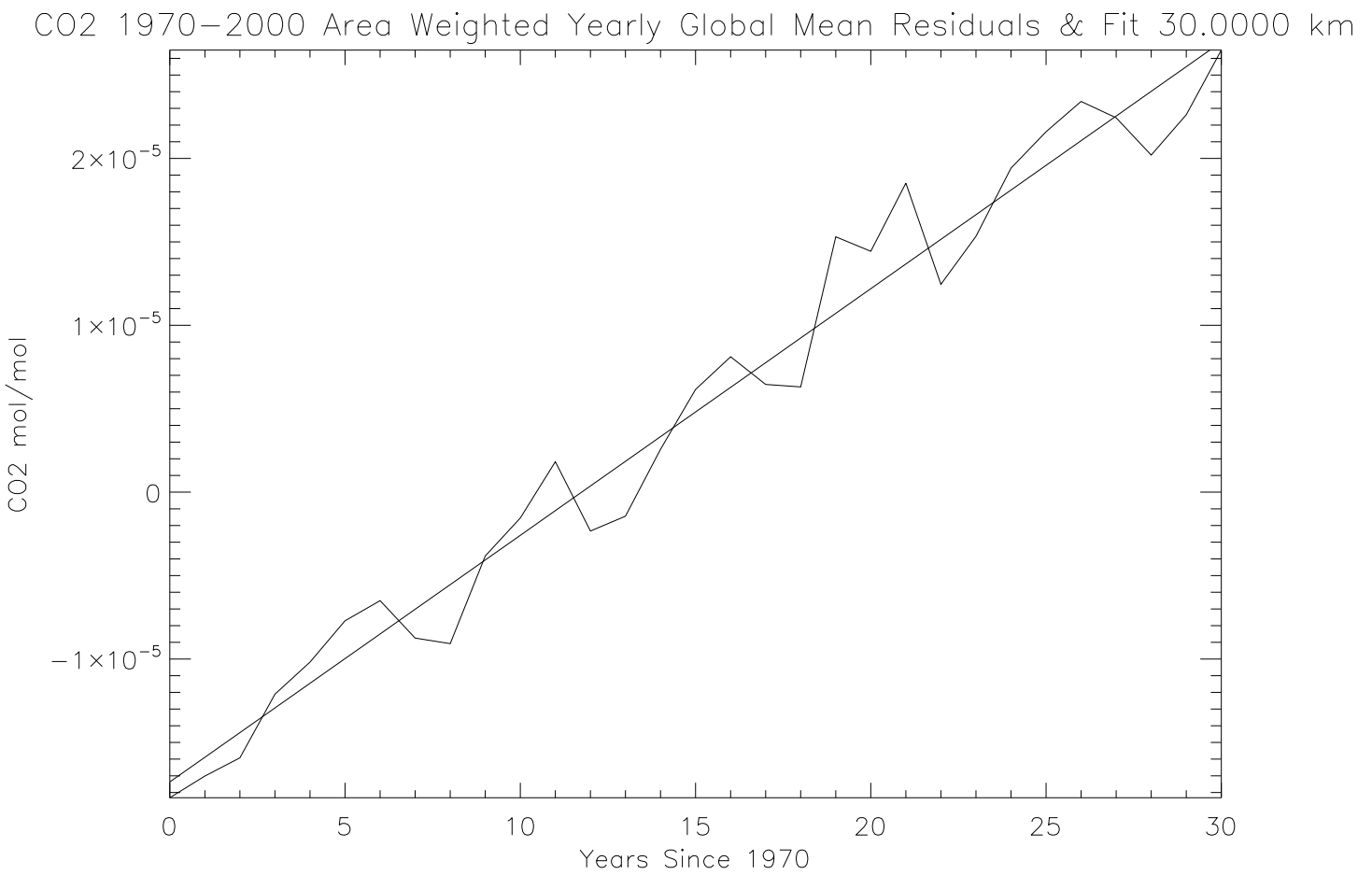

CO2 1955–2005 Area Weighted Yearly Global Mean Residuals & Fit 35.0000 km
3×10⁻⁵
2×10⁻⁵
1×10⁻⁵
0
−1×10⁻⁵
−2×10⁻⁵
CO2 mol/mol
0
10
20
30
40
50
Years Since 1955

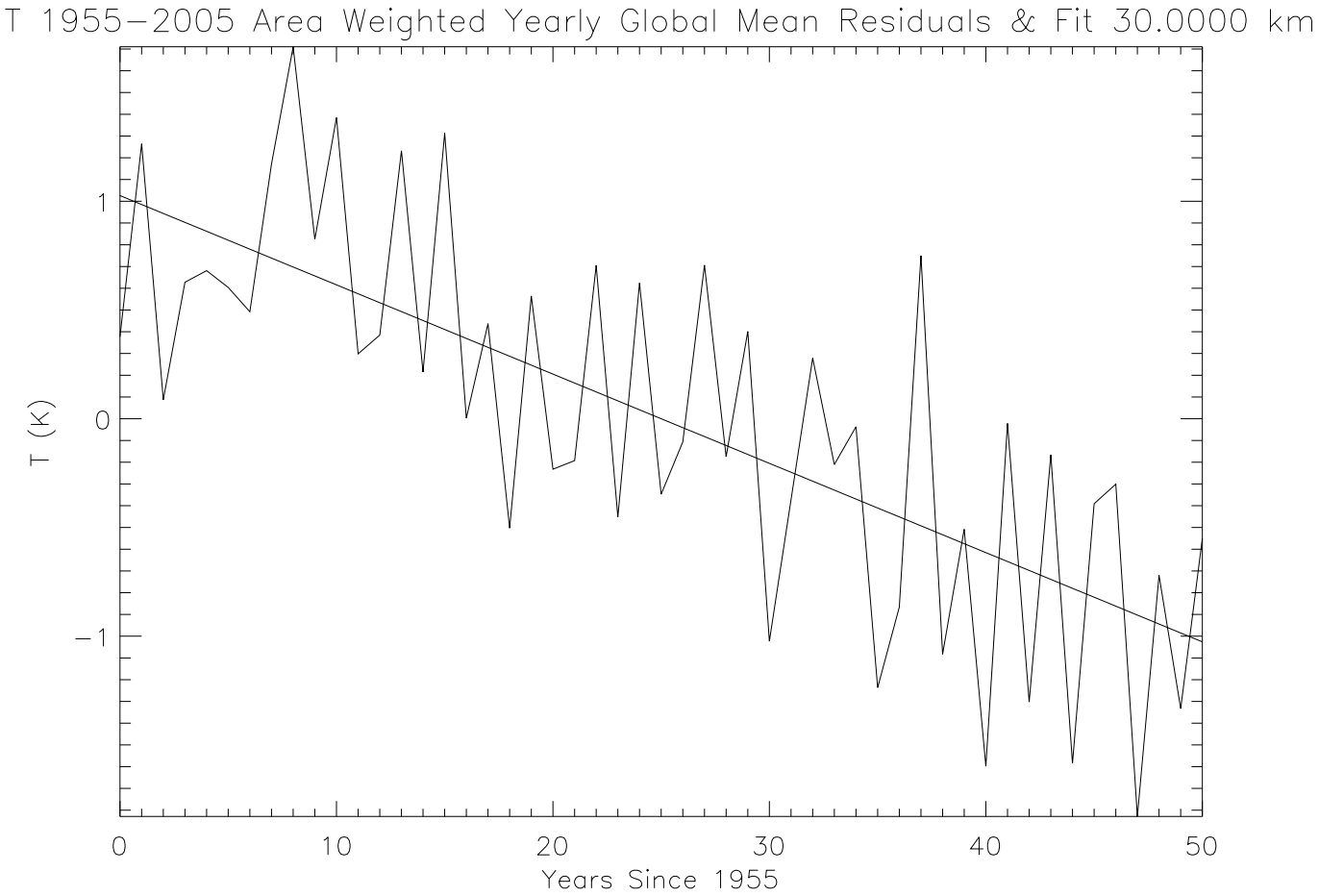

CO2 1970−2000 Area Weighted Yearly Global Mean Residuals & Fit 35.0000 km
2×10−5
1×10−5
0
−1×10−5
CO2 mol/mol
0
5
10
15
20
25
30
Years Since 1970

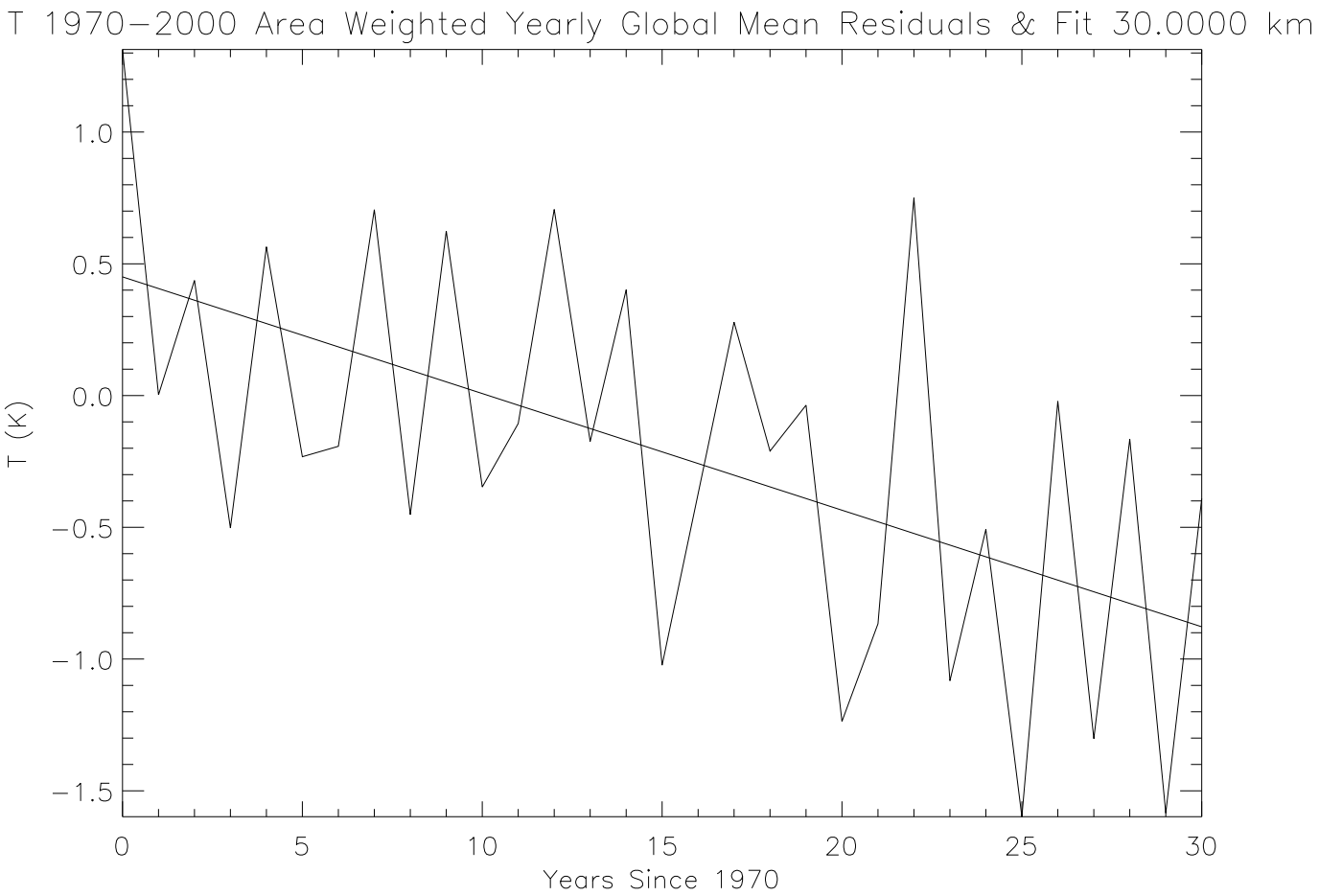

T 1955−2005 Area Weighted Yearly Global Mean Residuals & Fit 35.0000 km
T (K)
1.5
1.0
0.5
0.0
−0.5
−1.0
−1.5
0
10
20
30
40
50
Years Since 1955

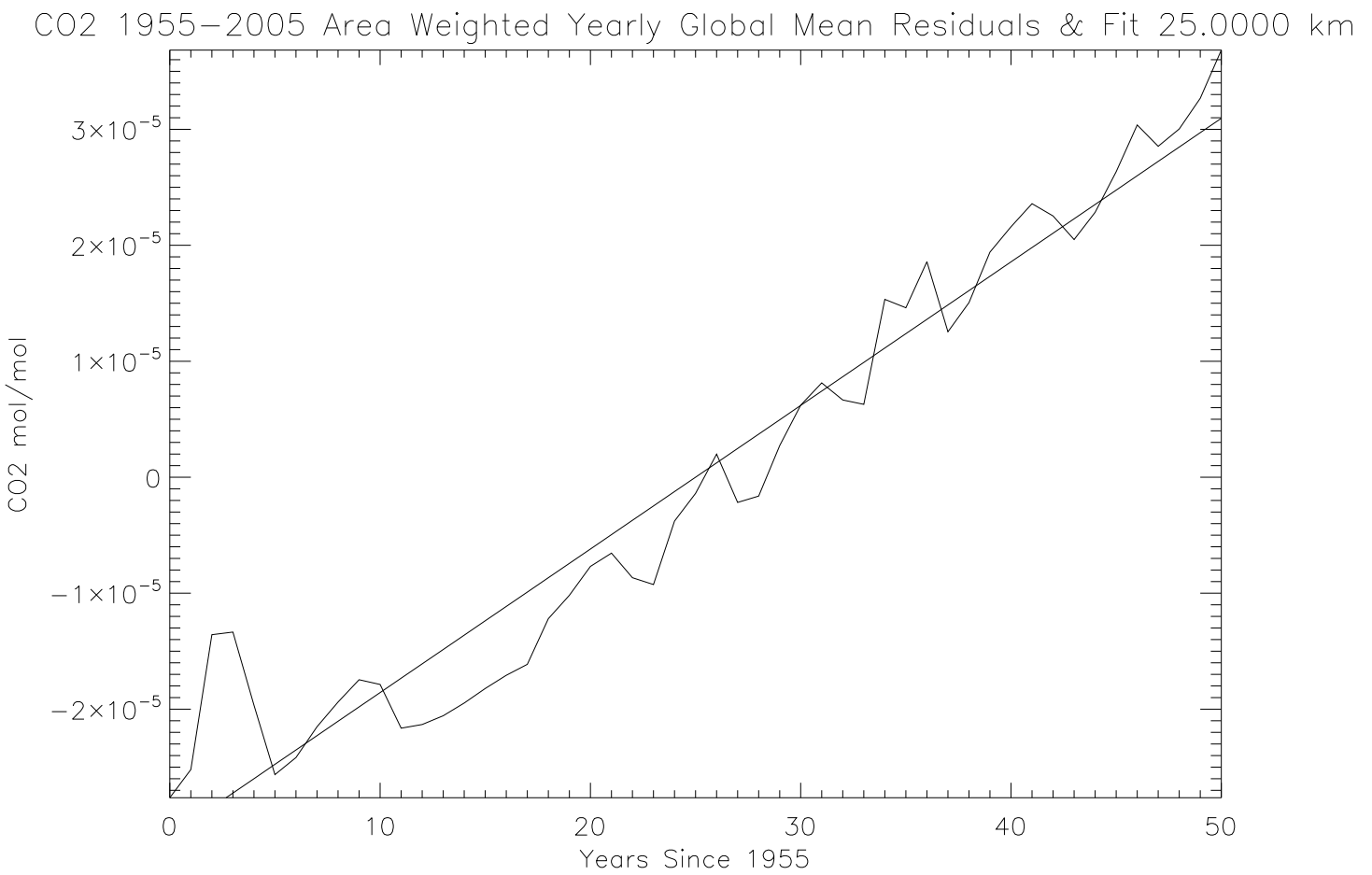

T 1970−2000 Area Weighted Yearly Global Mean Residuals & Fit 35.0000 km
1.0
0.5
0.0
−0.5
−1.0
−1.5
T (K)
0
5
10
15
20
25
30
Years Since 1970

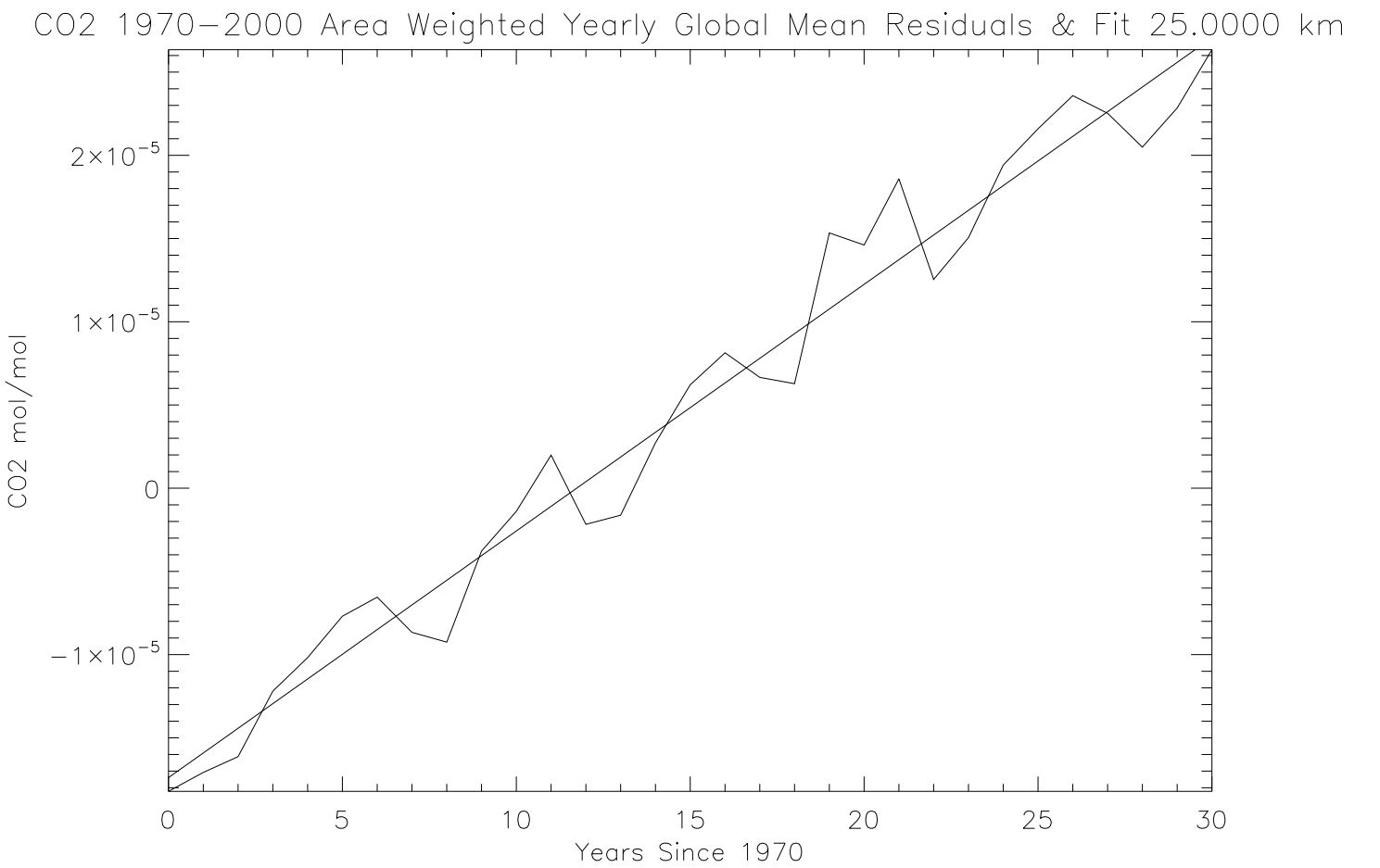

CO2 1955–2005 Area Weighted Yearly Global Mean Residuals & Fit 30.0000 km
3×10⁻⁵
2×10⁻⁵
1×10⁻⁵
0
−1×10⁻⁵
−2×10⁻⁵
CO2 mol/mol
0
10
20
30
40
50
Years Since 1955

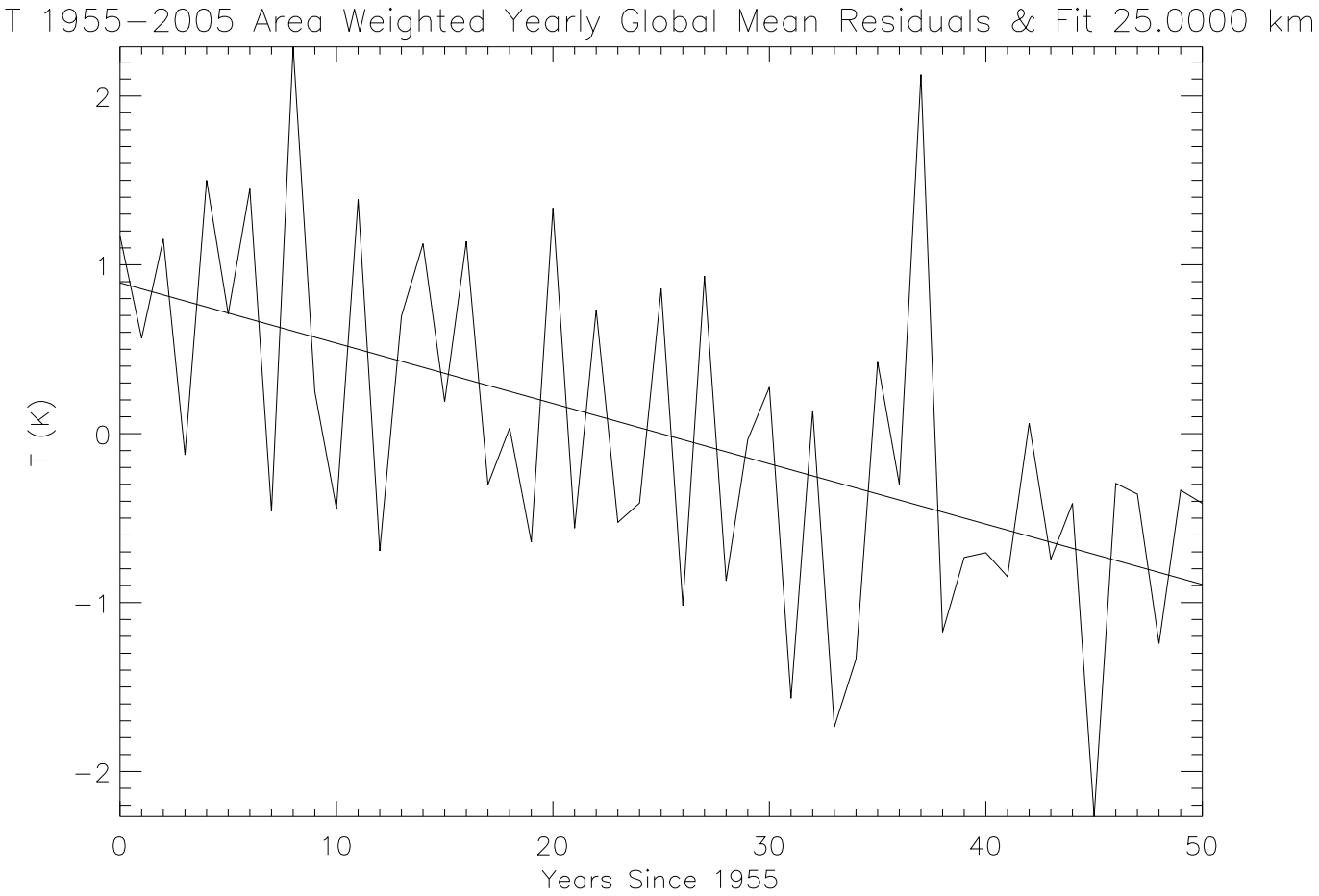

CO2 1970−2000 Area Weighted Yearly Global Mean Residuals & Fit 30.0000 km
2×10−5
1×10−5
0
−1×10−5
CO2 mol/mol
0
5
10
15
20
25
30
Years Since 1970

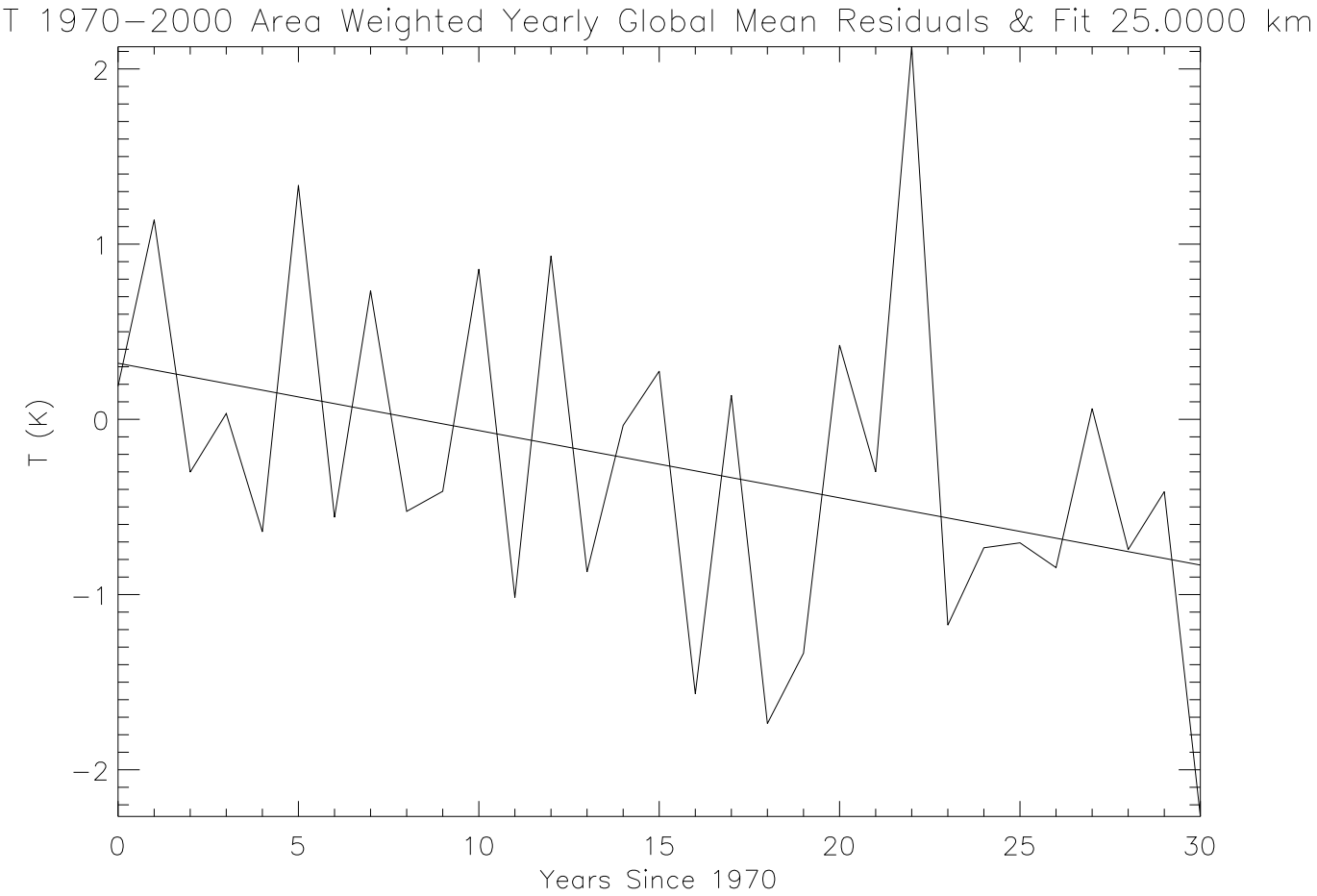

T 1955−2005 Area Weighted Yearly Global Mean Residuals & Fit 30.0000 km
T (K)
1
0
−1
0
10
20
30
40
50
Years Since 1955

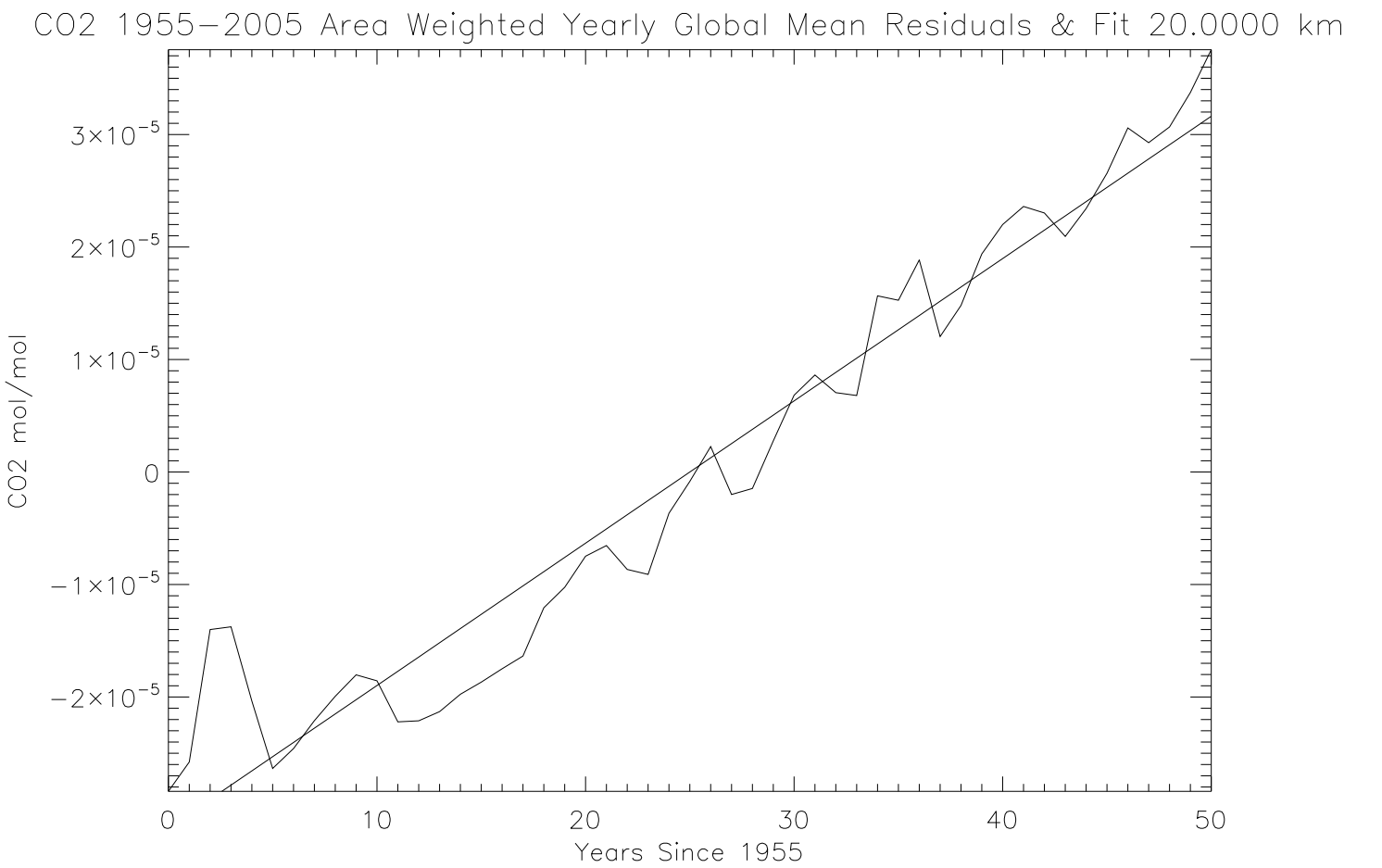

T 1970−2000 Area Weighted Yearly Global Mean Residuals & Fit 30.0000 km
T (K)
1.0
0.5
0.0
−0.5
−1.0
−1.5
0
5
10
15
20
25
30
Years Since 1970

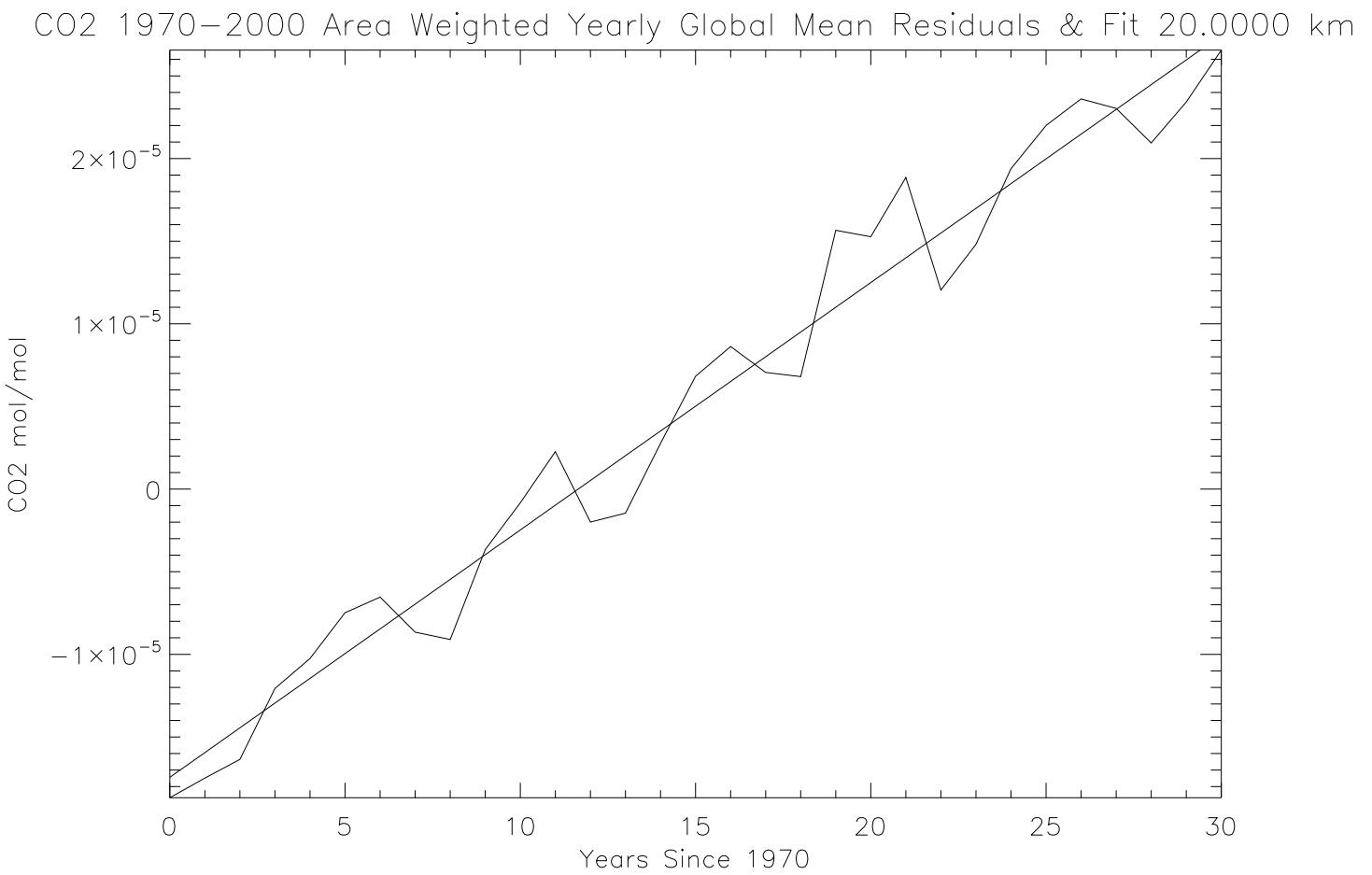

CO2 1955–2005 Area Weighted Yearly Global Mean Residuals & Fit 25.0000 km
3×10⁻⁵
2×10⁻⁵
1×10⁻⁵
0
−1×10⁻⁵
−2×10⁻⁵
CO2 mol/mol
0
10
20
30
40
50
Years Since 1955

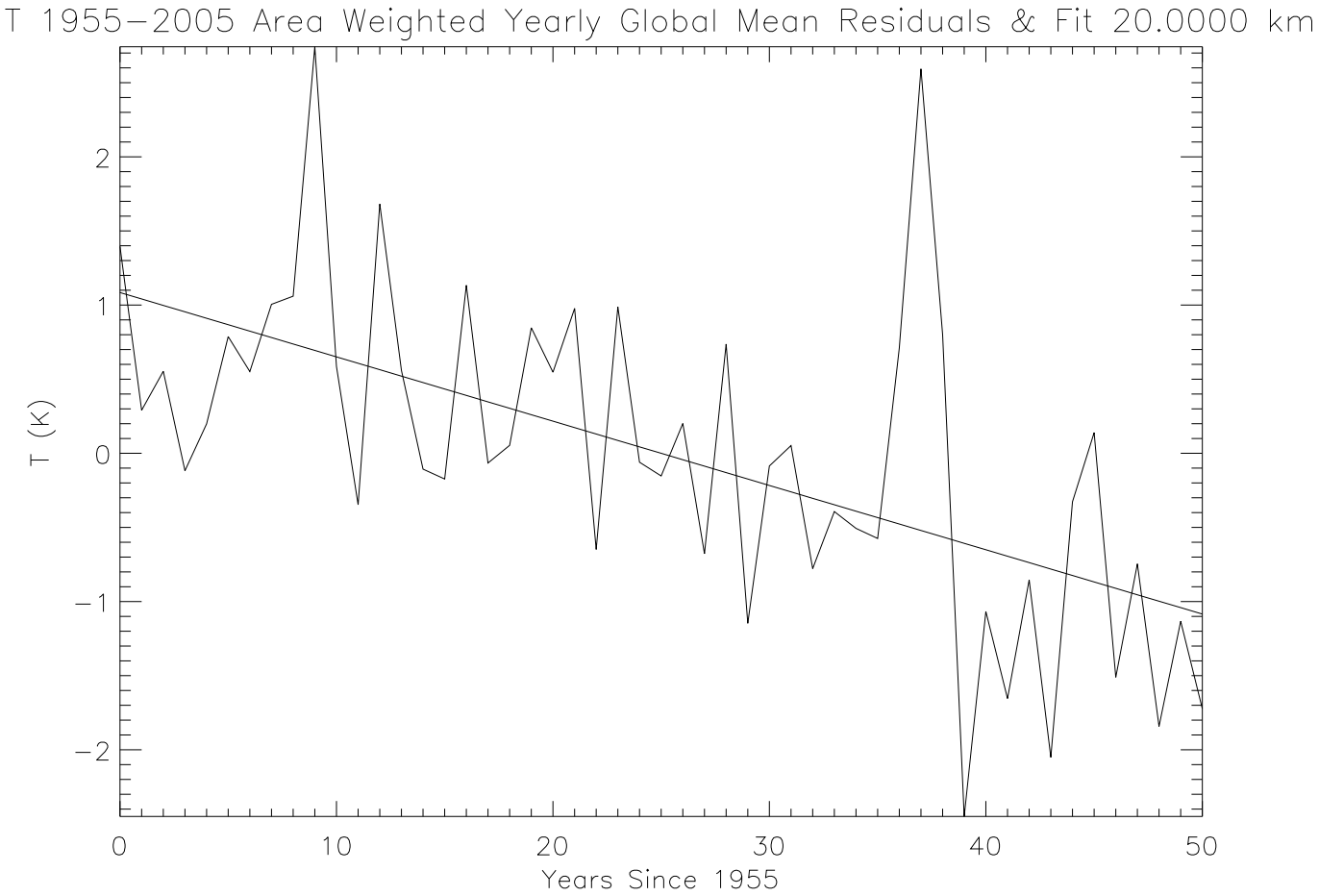

CO2 1970−2000 Area Weighted Yearly Global Mean Residuals & Fit 25.0000 km
2×10−5
1×10−5
0
−1×10−5
CO2 mol/mol
0
5
10
15
20
25
30
Years Since 1970

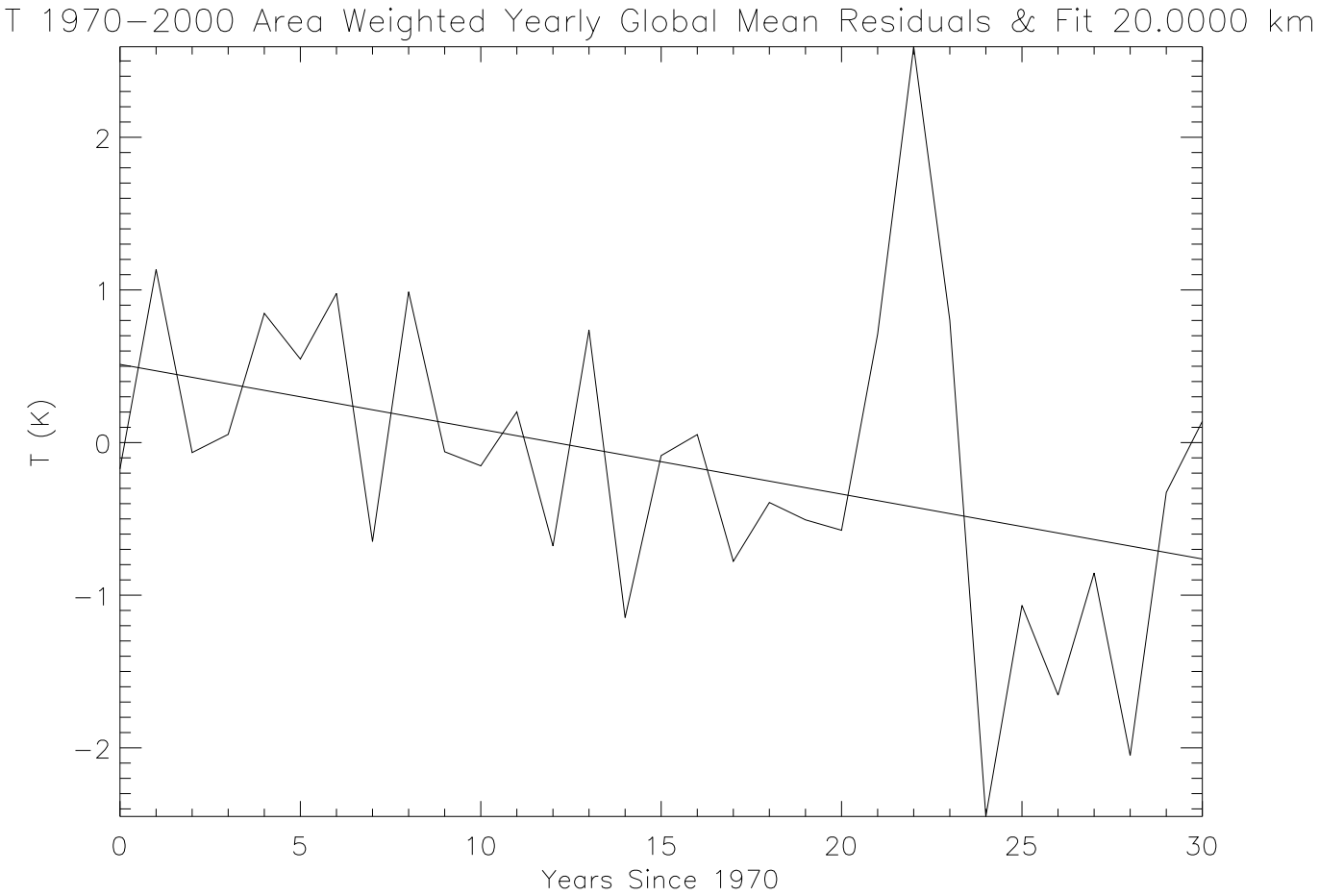

T 1955−2005 Area Weighted Yearly Global Mean Residuals & Fit 25.0000 km
T (K)
2
1
0
−1
−2
0
10
20
30
40
50
Years Since 1955

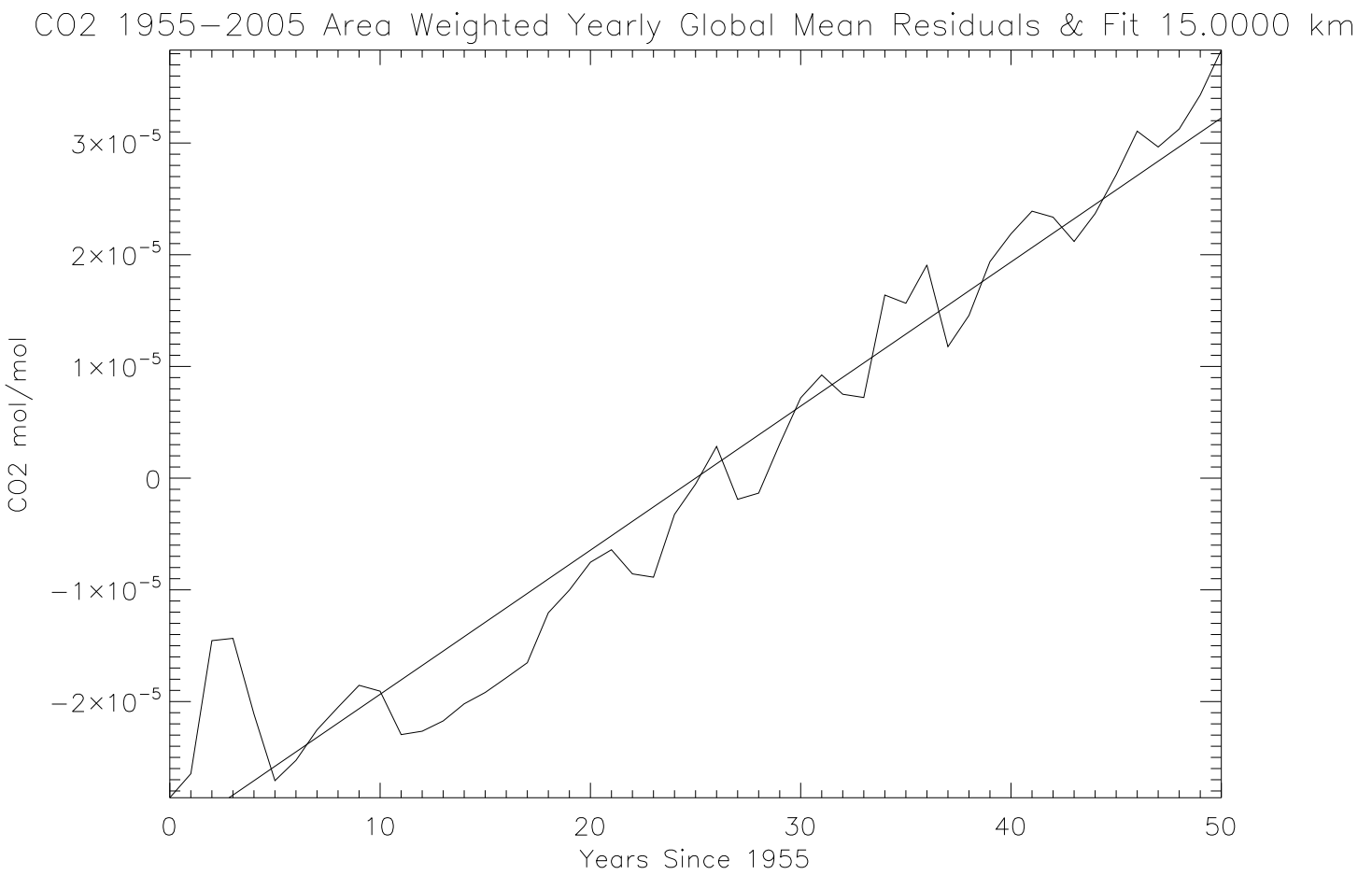

T 1970−2000 Area Weighted Yearly Global Mean Residuals & Fit 25.0000 km
T (K)
2
1
0
−1
−2
0
5
10
15
20
25
30
Years Since 1970

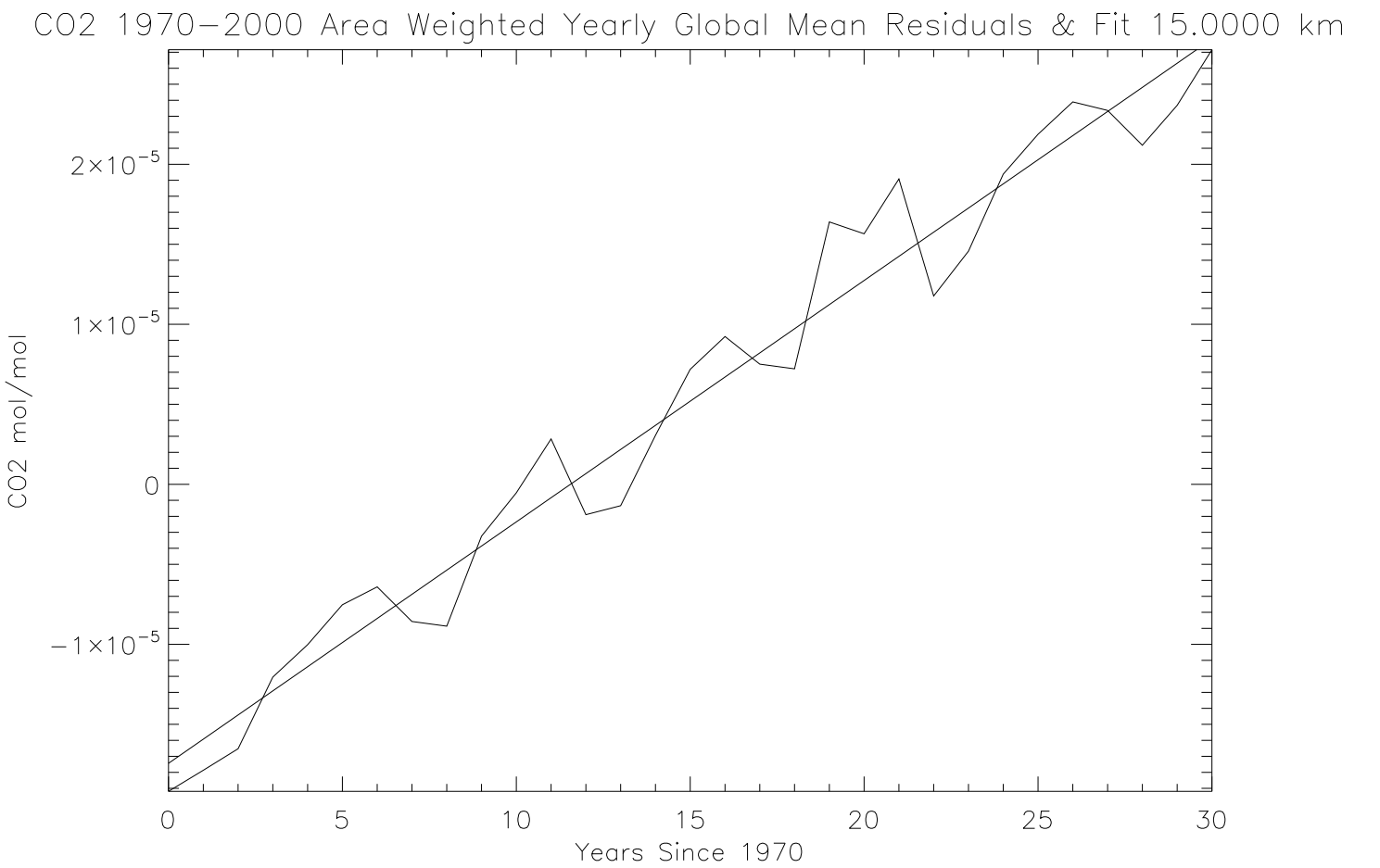

CO2 1955–2005 Area Weighted Yearly Global Mean Residuals & Fit 20.0000 km
3×10⁻⁵
2×10⁻⁵
1×10⁻⁵
0
−1×10⁻⁵
−2×10⁻⁵
CO2 mol/mol
0
10
20
30
40
50
Years Since 1955

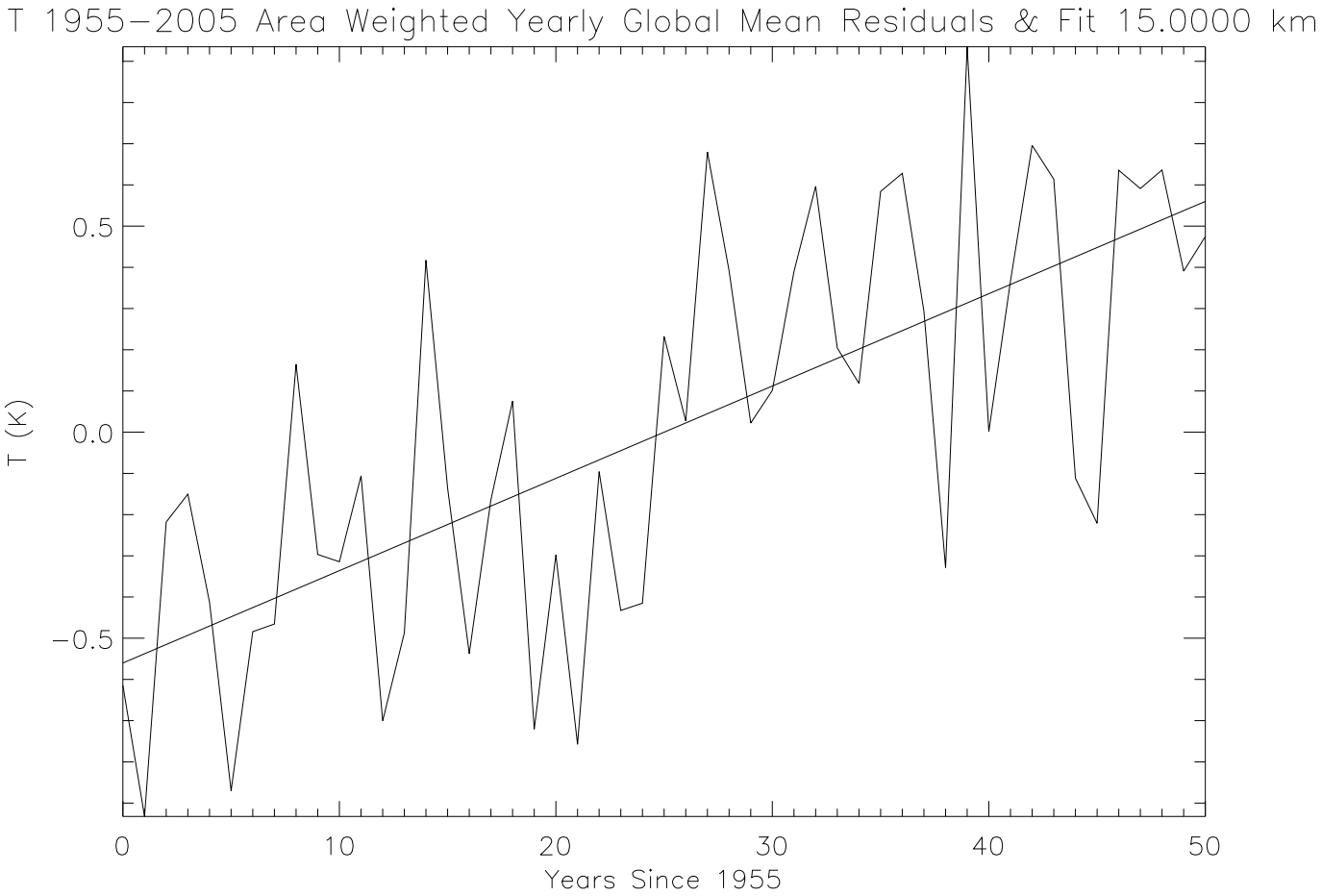

CO2 1970–2000 Area Weighted Yearly Global Mean Residuals & Fit 20.0000 km
2×10^-5
1×10^-5
0
−1×10^-5
CO2 mol/mol
0
5
10
15
20
25
30
Years Since 1970

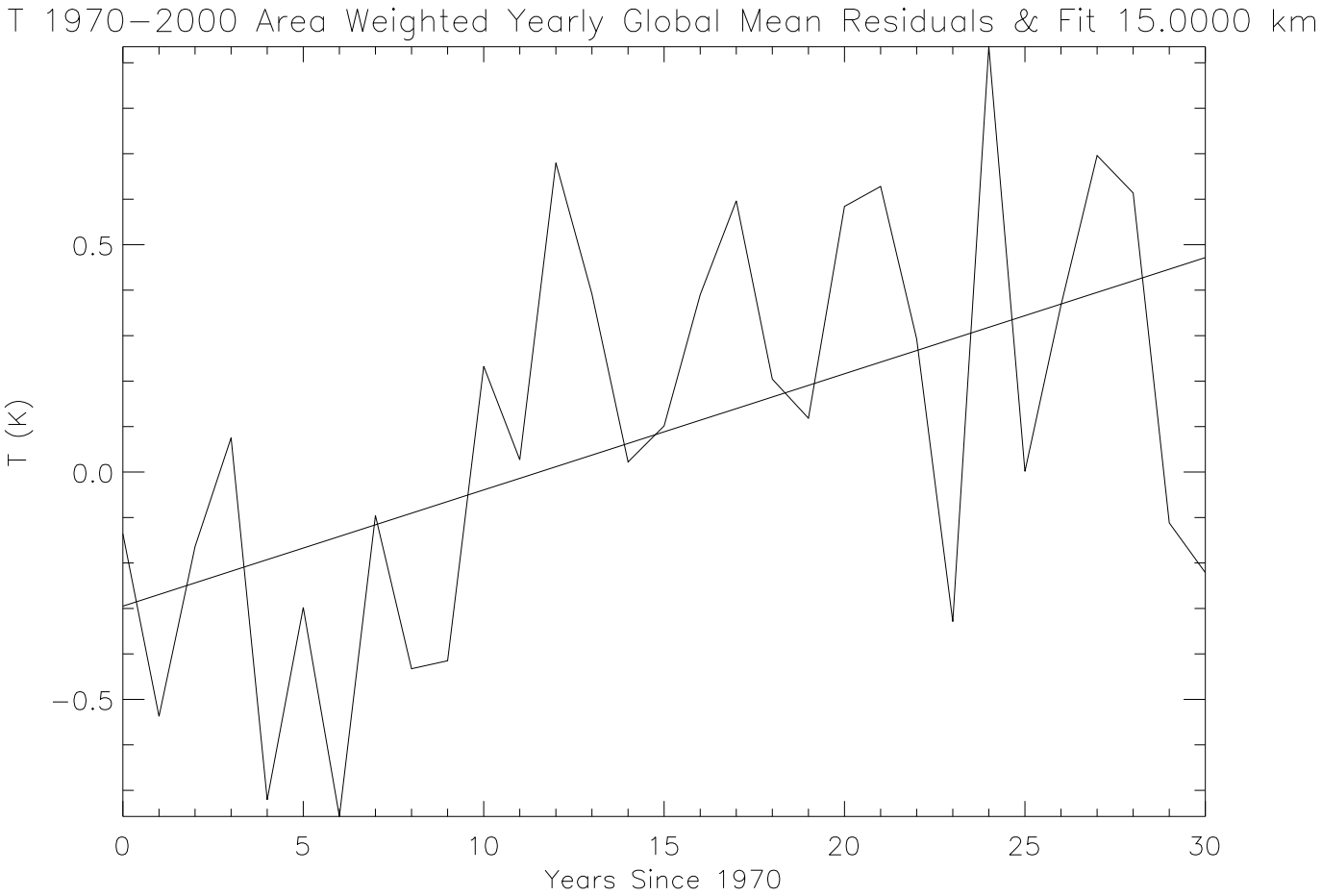

T 1955−2005 Area Weighted Yearly Global Mean Residuals & Fit 20.0000 km
T (K)
2
1
0
−1
−2
0
10
20
30
40
50
Years Since 1955

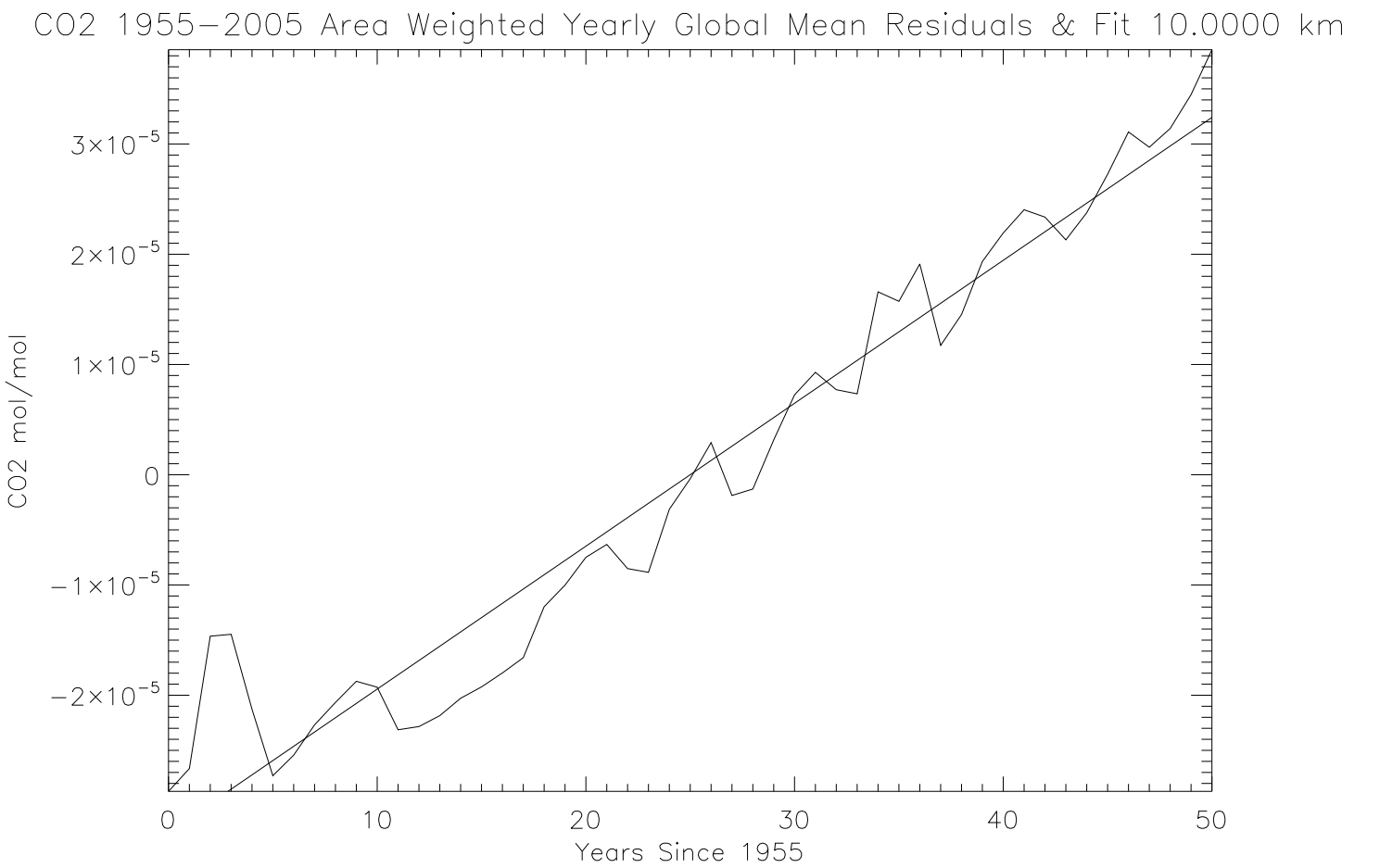

T 1970−2000 Area Weighted Yearly Global Mean Residuals & Fit 20.0000 km
T (K)
2
1
0
−1
−2
0
5
10
15
20
25
30
Years Since 1970

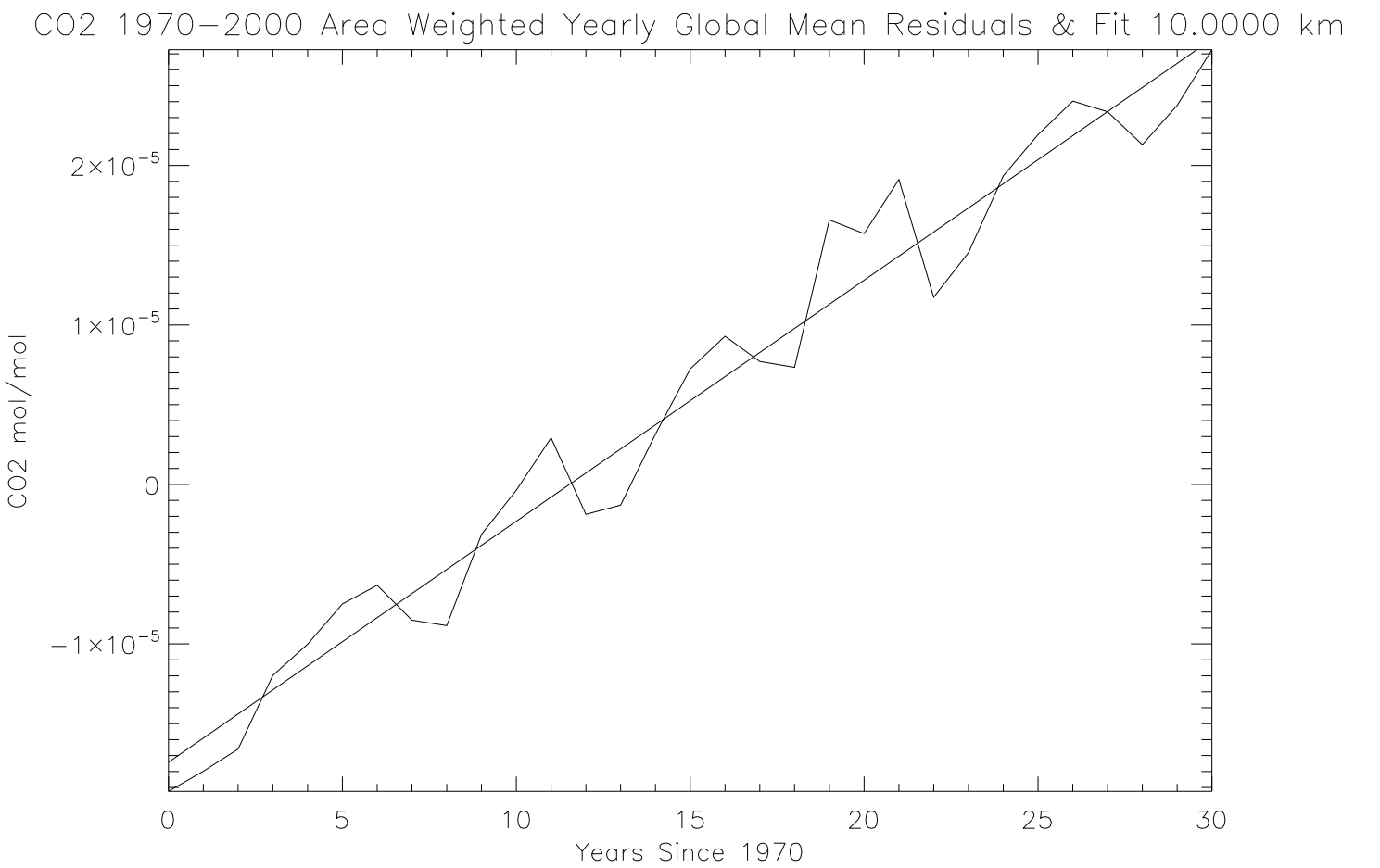

CO2 1955–2005 Area Weighted Yearly Global Mean Residuals & Fit 15.0000 km
3×10⁻⁵
2×10⁻⁵
1×10⁻⁵
0
−1×10⁻⁵
−2×10⁻⁵
CO2 mol/mol
0
10
20
30
40
50
Years Since 1955

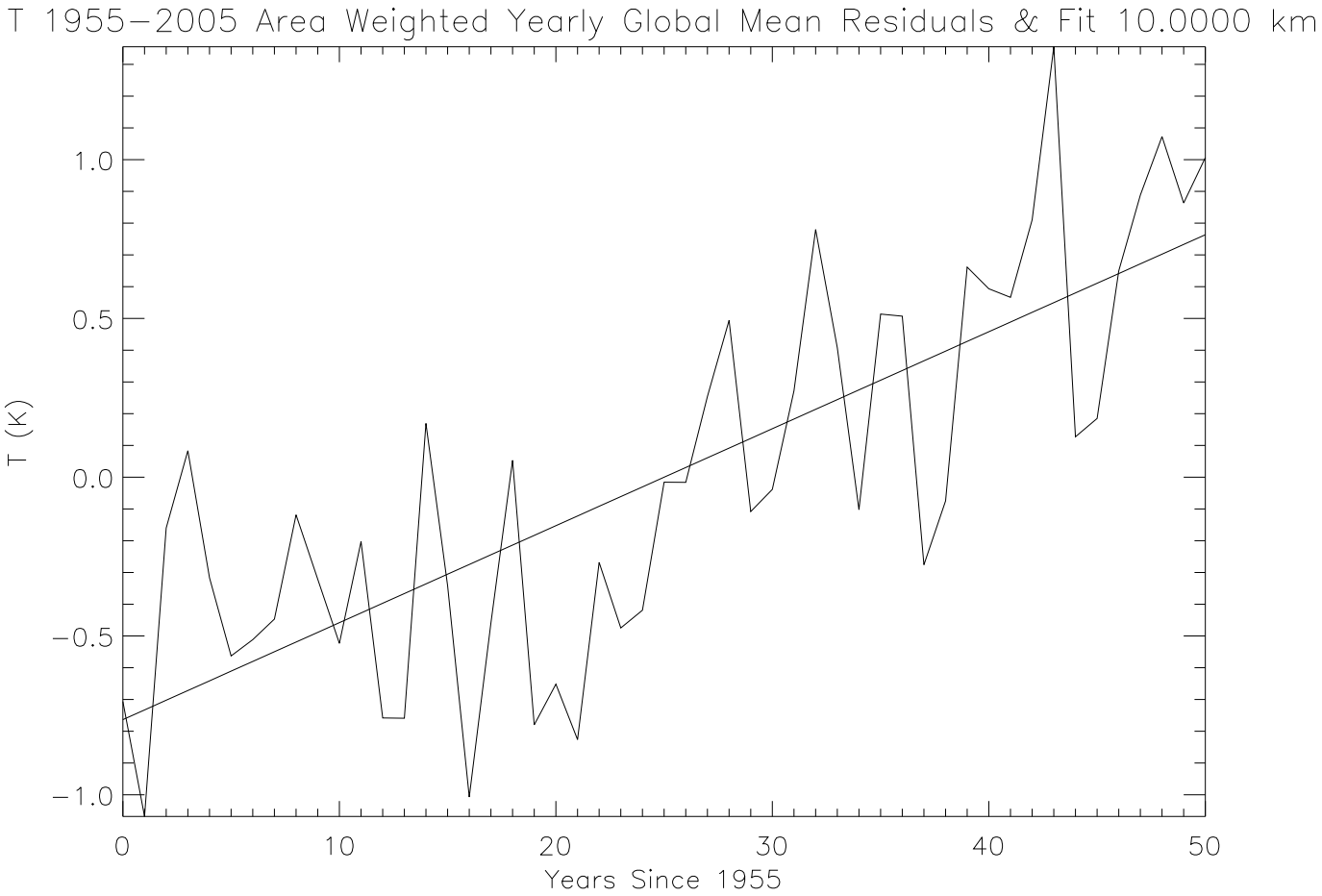

CO2 1970−2000 Area Weighted Yearly Global Mean Residuals & Fit 15.0000 km
2×10−5
1×10−5
0
−1×10−5
CO2 mol/mol
0
5
10
15
20
25
30
Years Since 1970

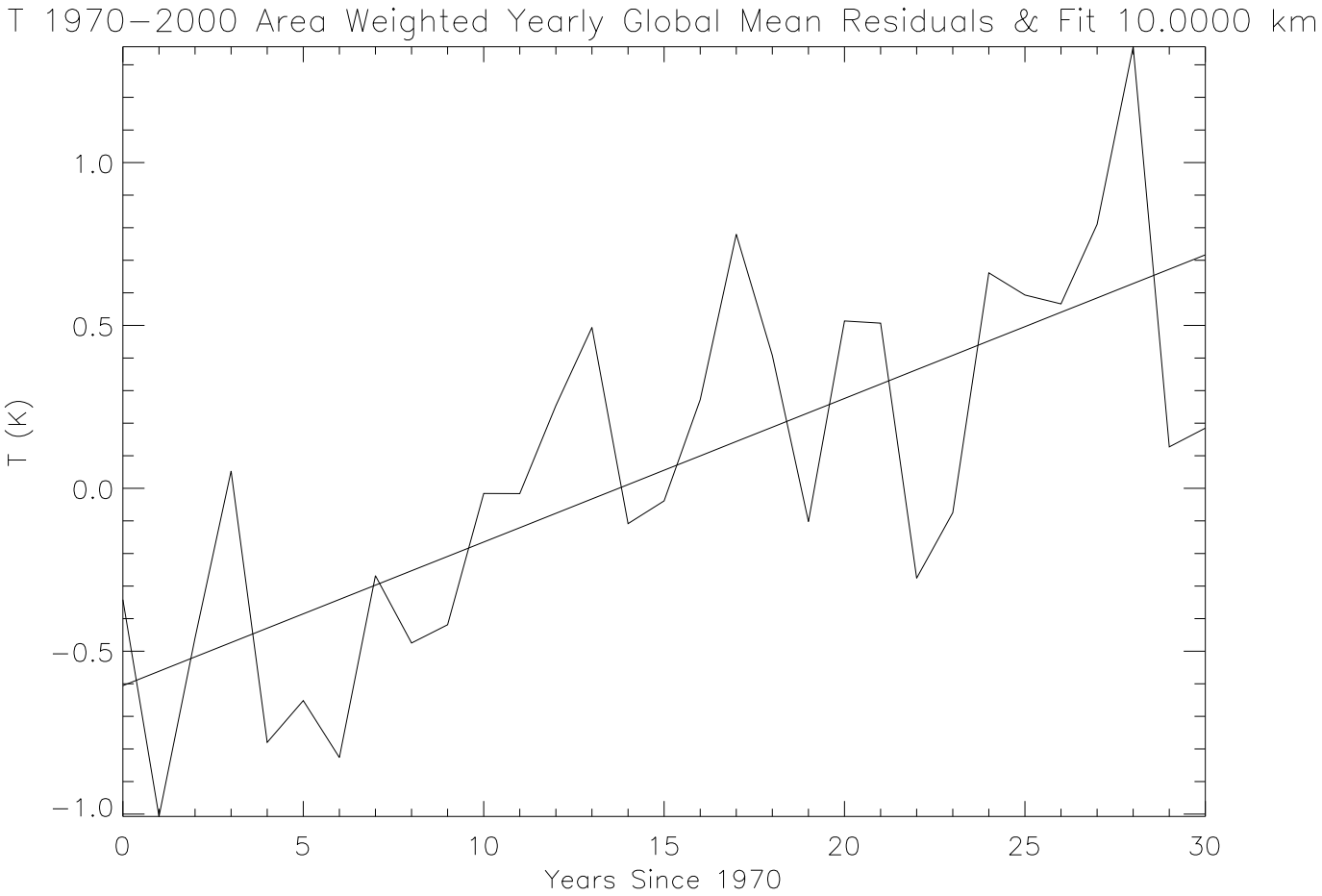

T 1955−2005 Area Weighted Yearly Global Mean Residuals & Fit 15.0000 km
0.5
0.0
−0.5
T (K)
0
10
20
30
40
50
Years Since 1955

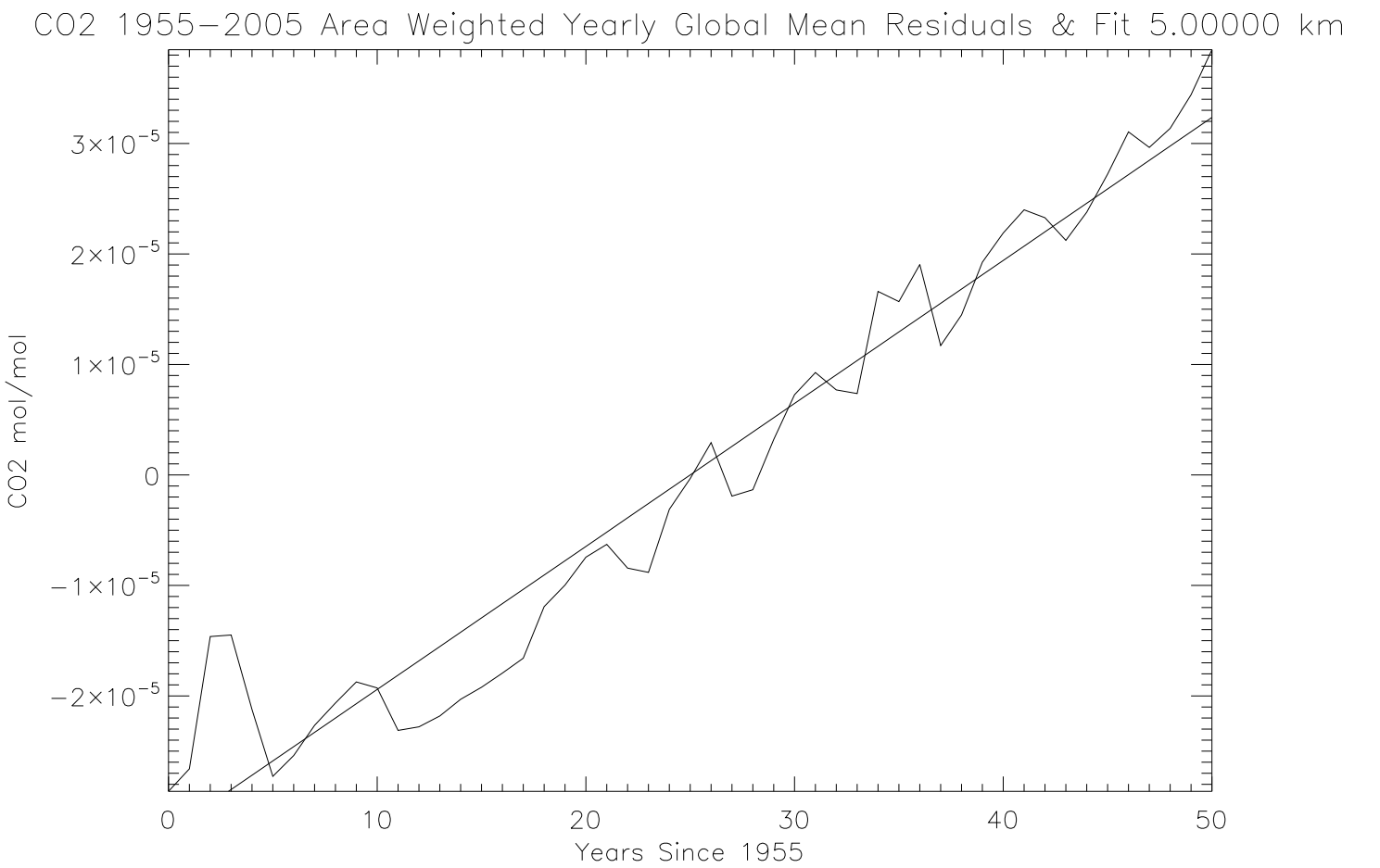

T 1970−2000 Area Weighted Yearly Global Mean Residuals & Fit 15.0000 km
0.5
0.0
−0.5
T (K)
0
5
10
15
20
25
30
Years Since 1970

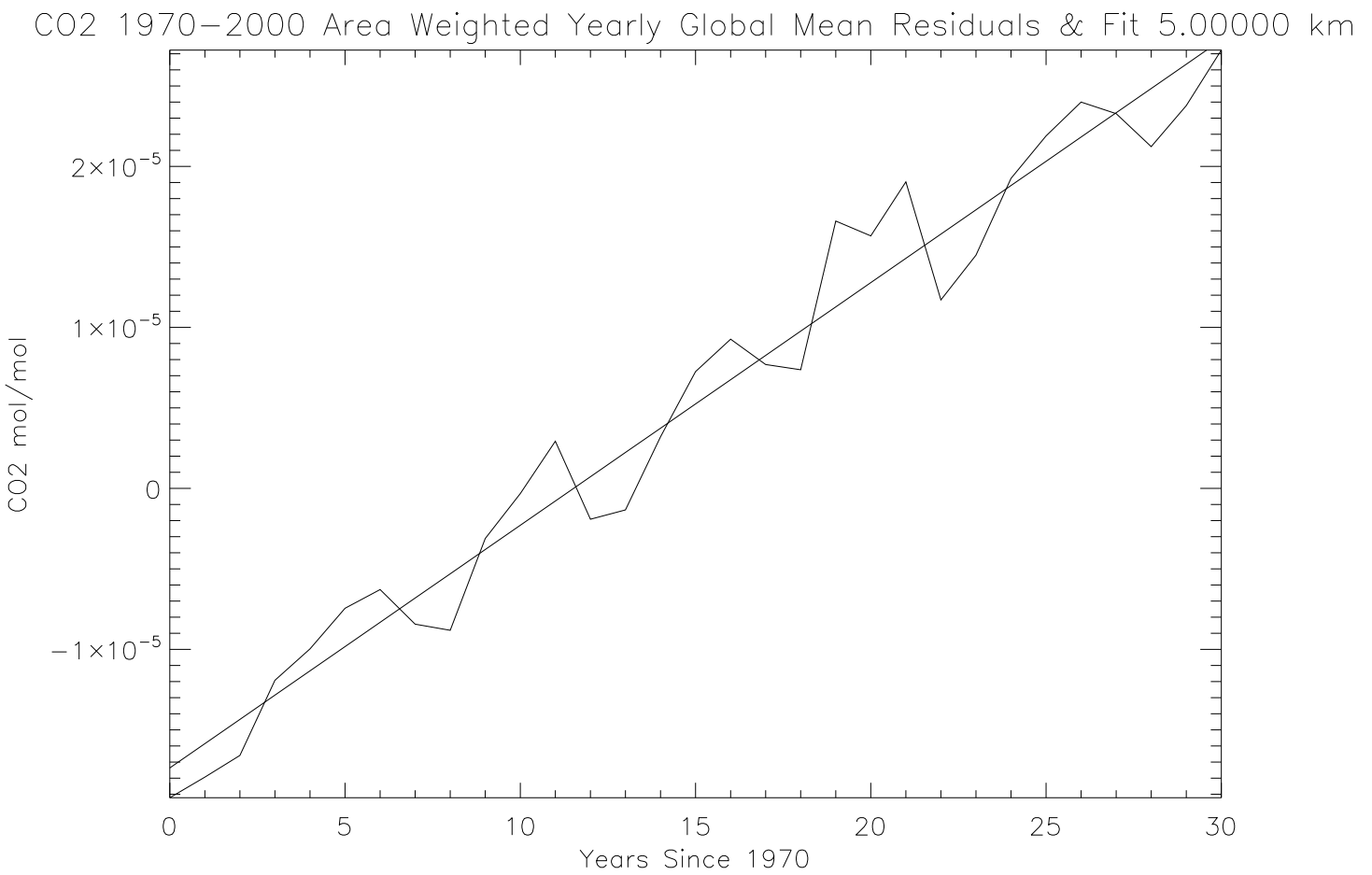

CO2 1955–2005 Area Weighted Yearly Global Mean Residuals & Fit 10.0000 km
3×10⁻⁵
2×10⁻⁵
1×10⁻⁵
0
−1×10⁻⁵
−2×10⁻⁵
CO2 mol/mol
0
10
20
30
40
50
Years Since 1955

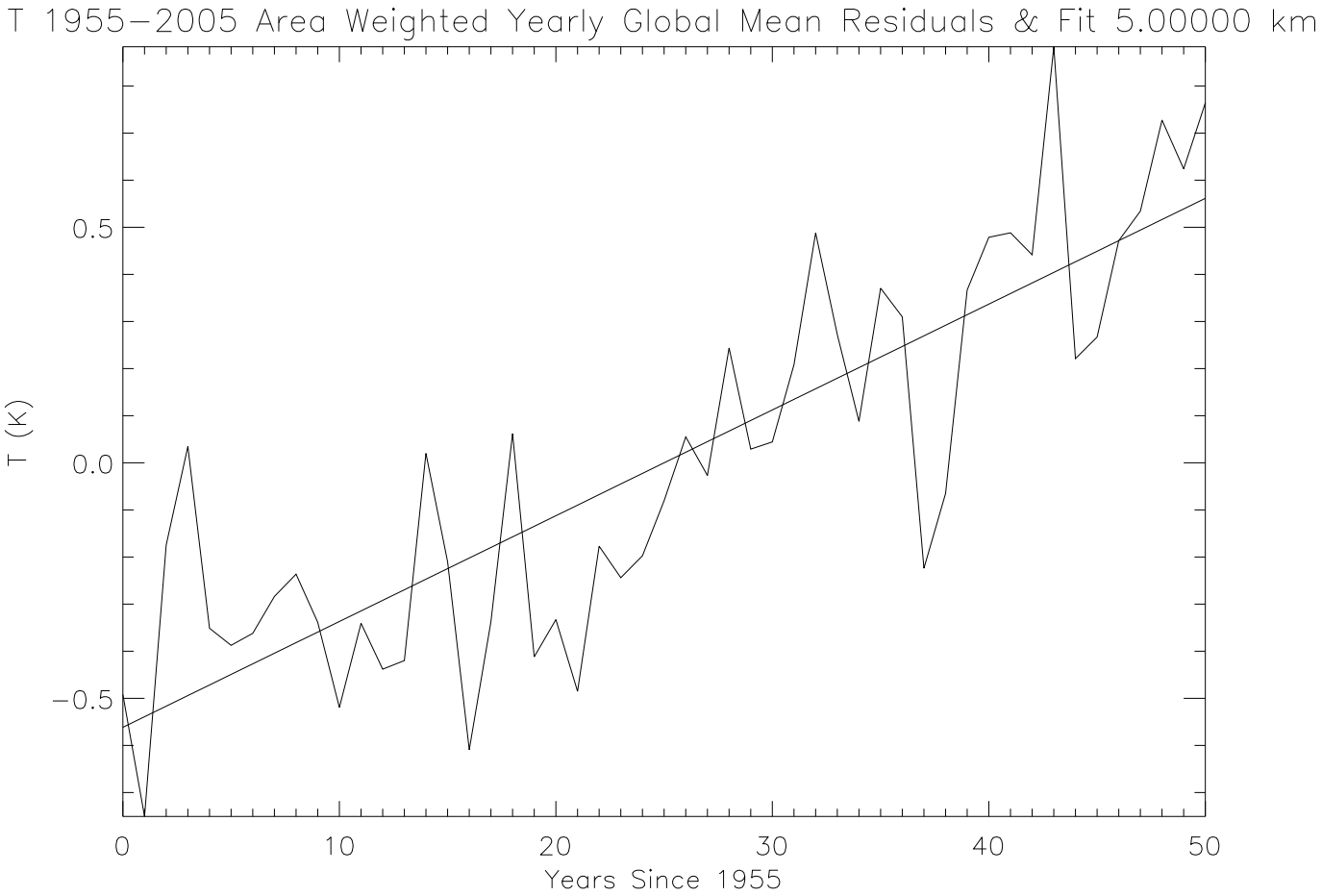

CO2 1970−2000 Area Weighted Yearly Global Mean Residuals & Fit 10.0000 km
2×10−5
1×10−5
0
−1×10−5
CO2 mol/mol
0
5
10
15
20
25
30
Years Since 1970

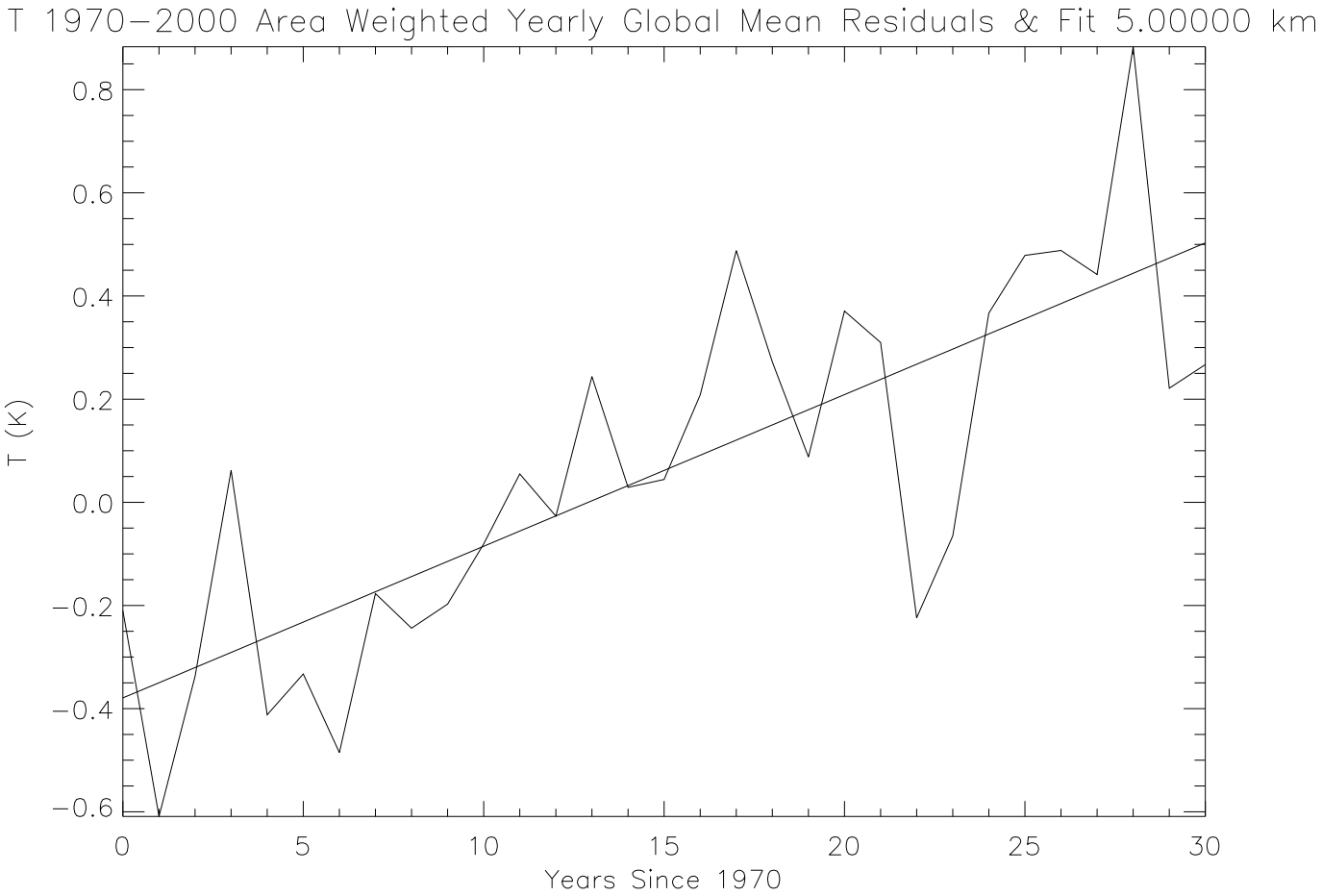

T 1955−2005 Area Weighted Yearly Global Mean Residuals & Fit 10.0000 km
T (K)
1.0
0.5
0.0
−0.5
−1.0
0
10
20
30
40
50
Years Since 1955

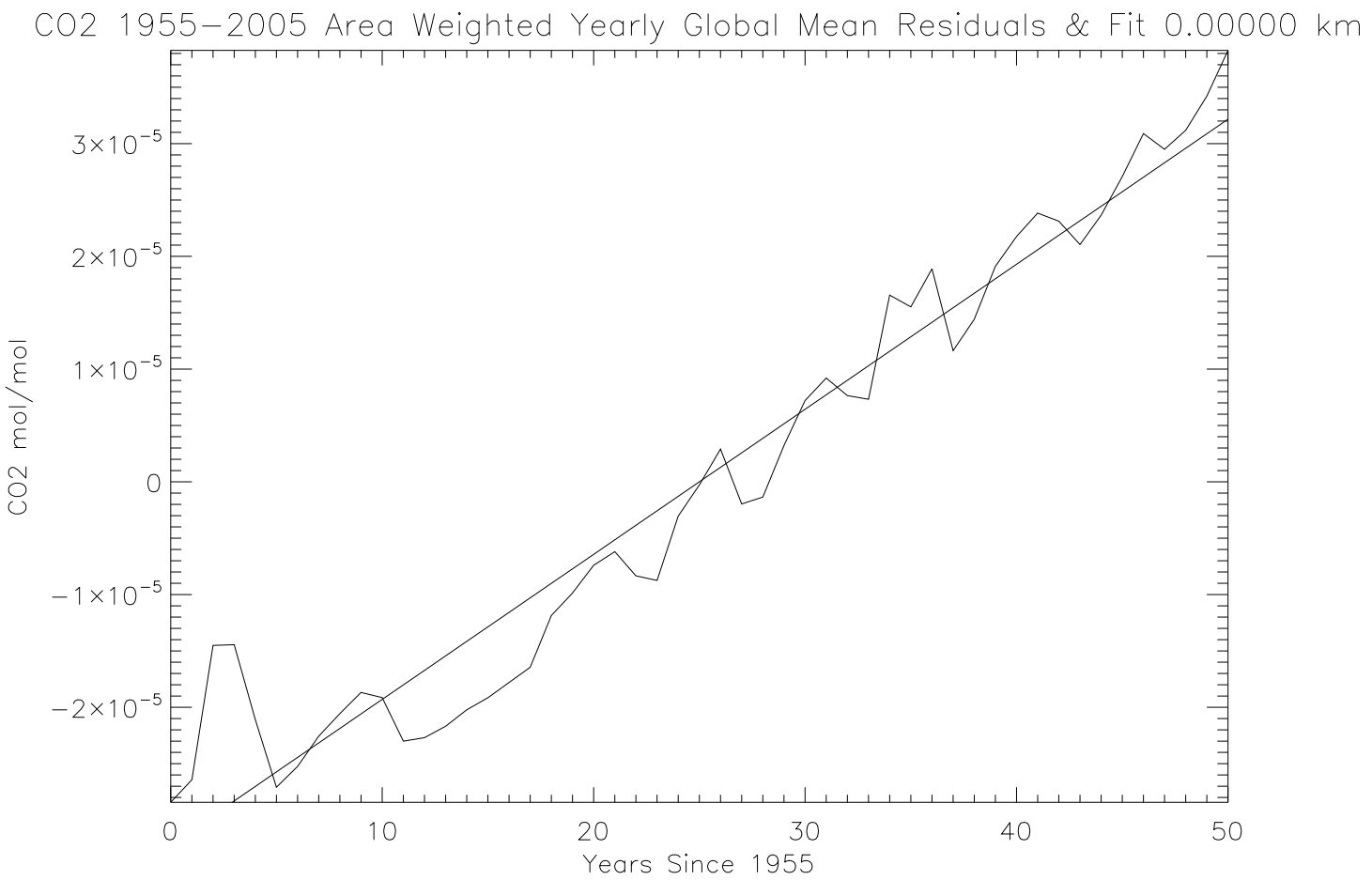

T 1970−2000 Area Weighted Yearly Global Mean Residuals & Fit 10.0000 km
T (K)
1.0
0.5
0.0
−0.5
−1.0
0
5
10
15
20
25
30
Years Since 1970

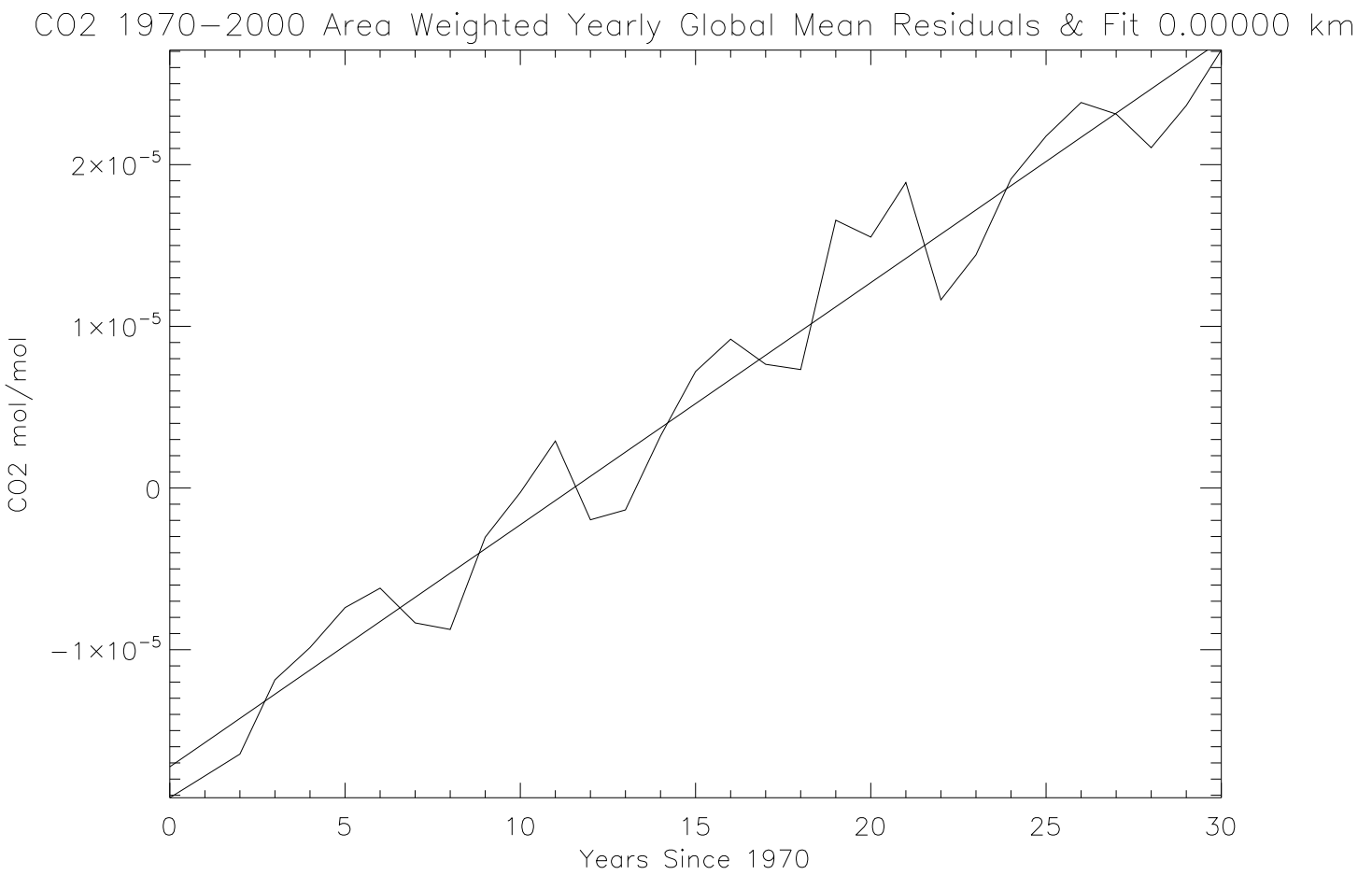

CO2 1955–2005 Area Weighted Yearly Global Mean Residuals & Fit 5.00000 km
3×10^-5
2×10^-5
1×10^-5
0
−1×10^-5
−2×10^-5
CO2 mol/mol
0
10
20
30
40
50
Years Since 1955

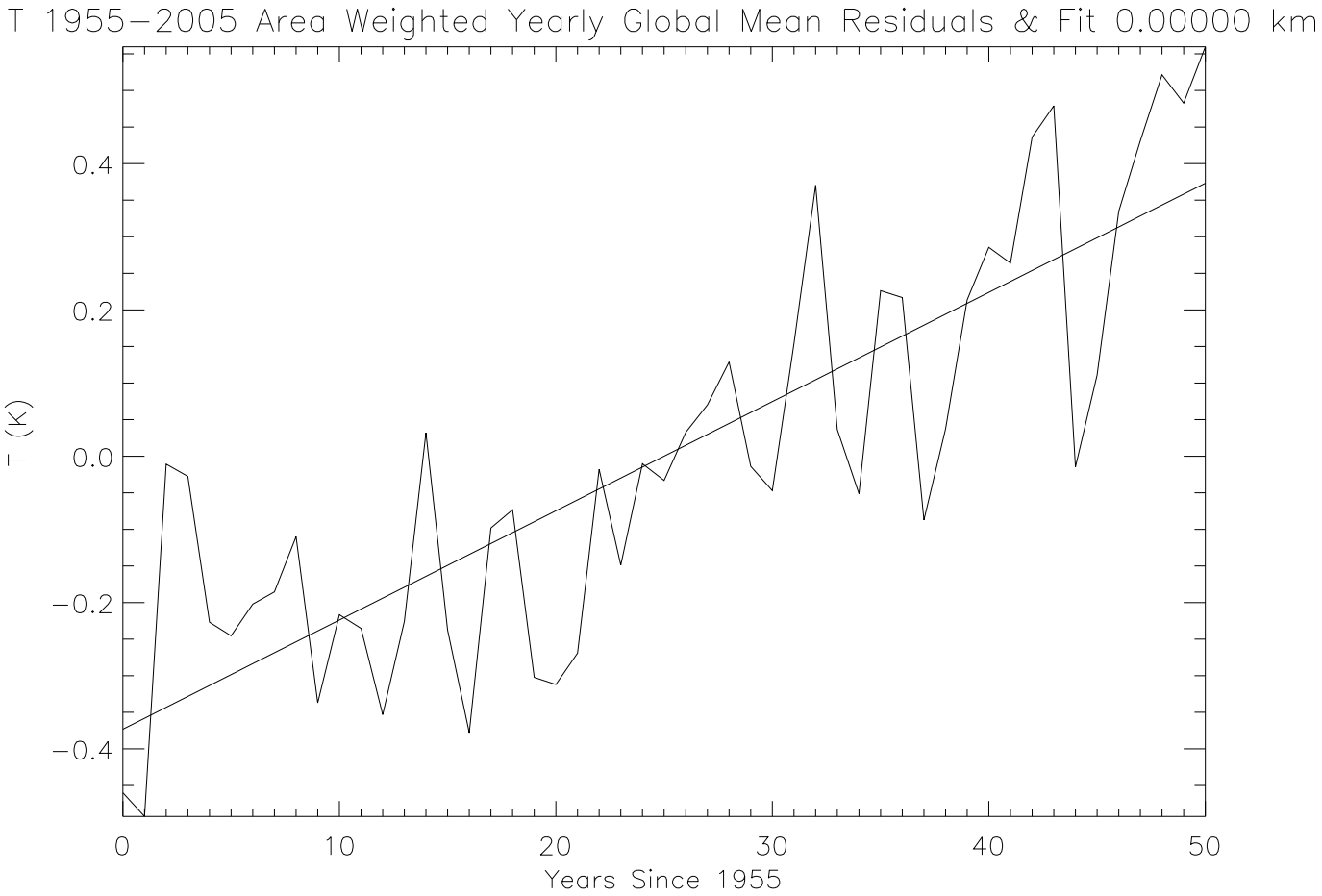

CO2 1970−2000 Area Weighted Yearly Global Mean Residuals & Fit 5.00000 km
2×10^-5
1×10^-5
0
−1×10^-5
CO2 mol/mol
0
5
10
15
20
25
30
Years Since 1970

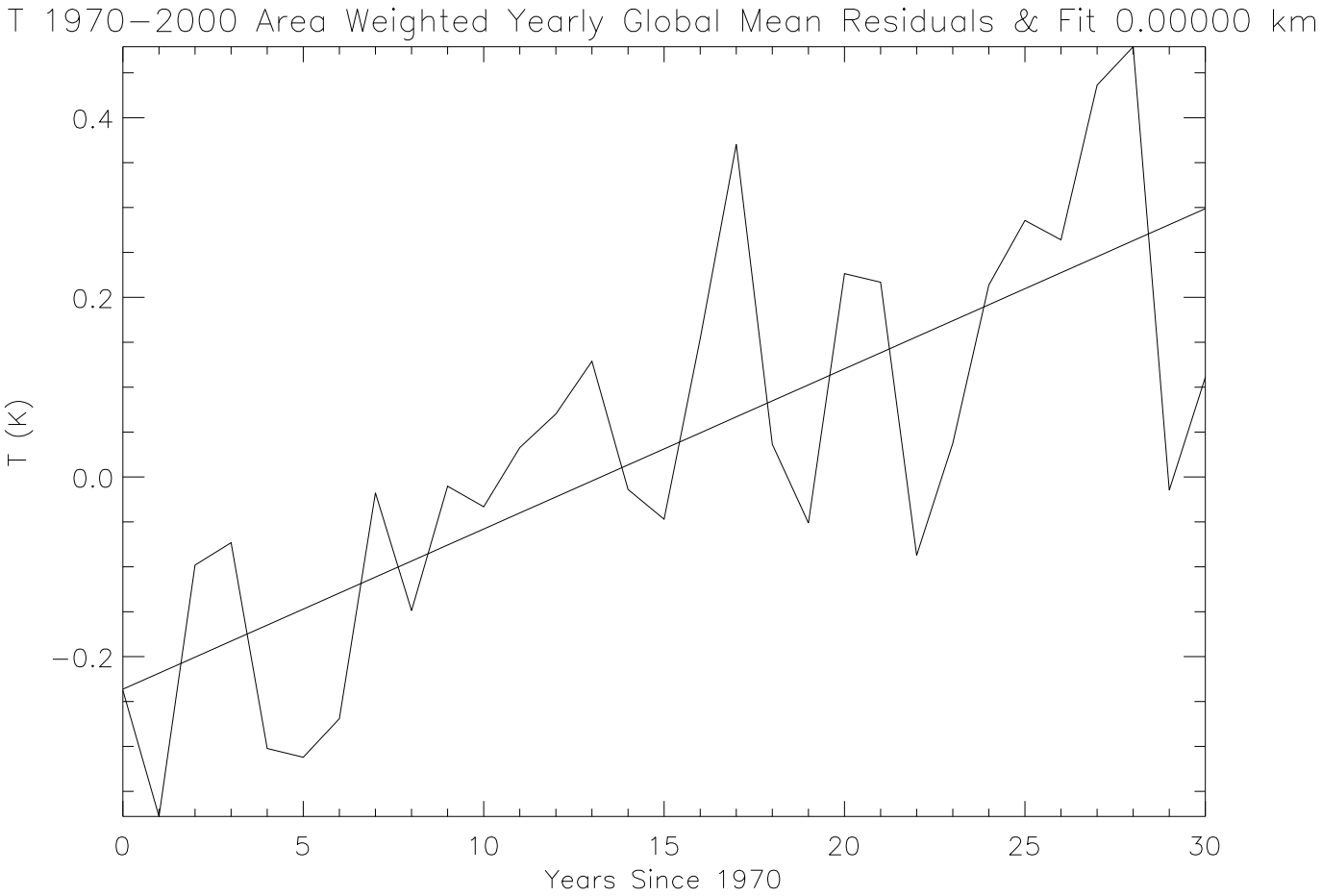

T 1955−2005 Area Weighted Yearly Global Mean Residuals & Fit 5.00000 km
T (K)
0.5
0.0
−0.5
0
10
20
30
40
50
Years Since 1955


T 1970−2000 Area Weighted Yearly Global Mean Residuals & Fit 5.00000 km
T (K)
0.8
0.6
0.4
0.2
0.0
−0.2
−0.4
−0.6
0
5
10
15
20
25
30
Years Since 1970


CO2 1955–2005 Area Weighted Yearly Global Mean Residuals & Fit 0.00000 km
3×10⁻⁵
2×10⁻⁵
1×10⁻⁵
0
−1×10⁻⁵
−2×10⁻⁵
CO2 mol/mol
0
10
20
30
40
50
Years Since 1955


CO2 1970−2000 Area Weighted Yearly Global Mean Residuals & Fit 0.00000 km
2×10−5
1×10−5
0
−1×10−5
CO2 mol/mol
0
5
10
15
20
25
30
Years Since 1970


T 1955−2005 Area Weighted Yearly Global Mean Residuals & Fit 0.00000 km
0.4
0.2
0.0
−0.2
−0.4
T (K)
0
10
20
30
40
50
Years Since 1955


T 1970−2000 Area Weighted Yearly Global Mean Residuals & Fit 0.00000 km
0.4
0.2
0.0
−0.2
T (K)
0
5
10
15
20
25
30
Years Since 1970