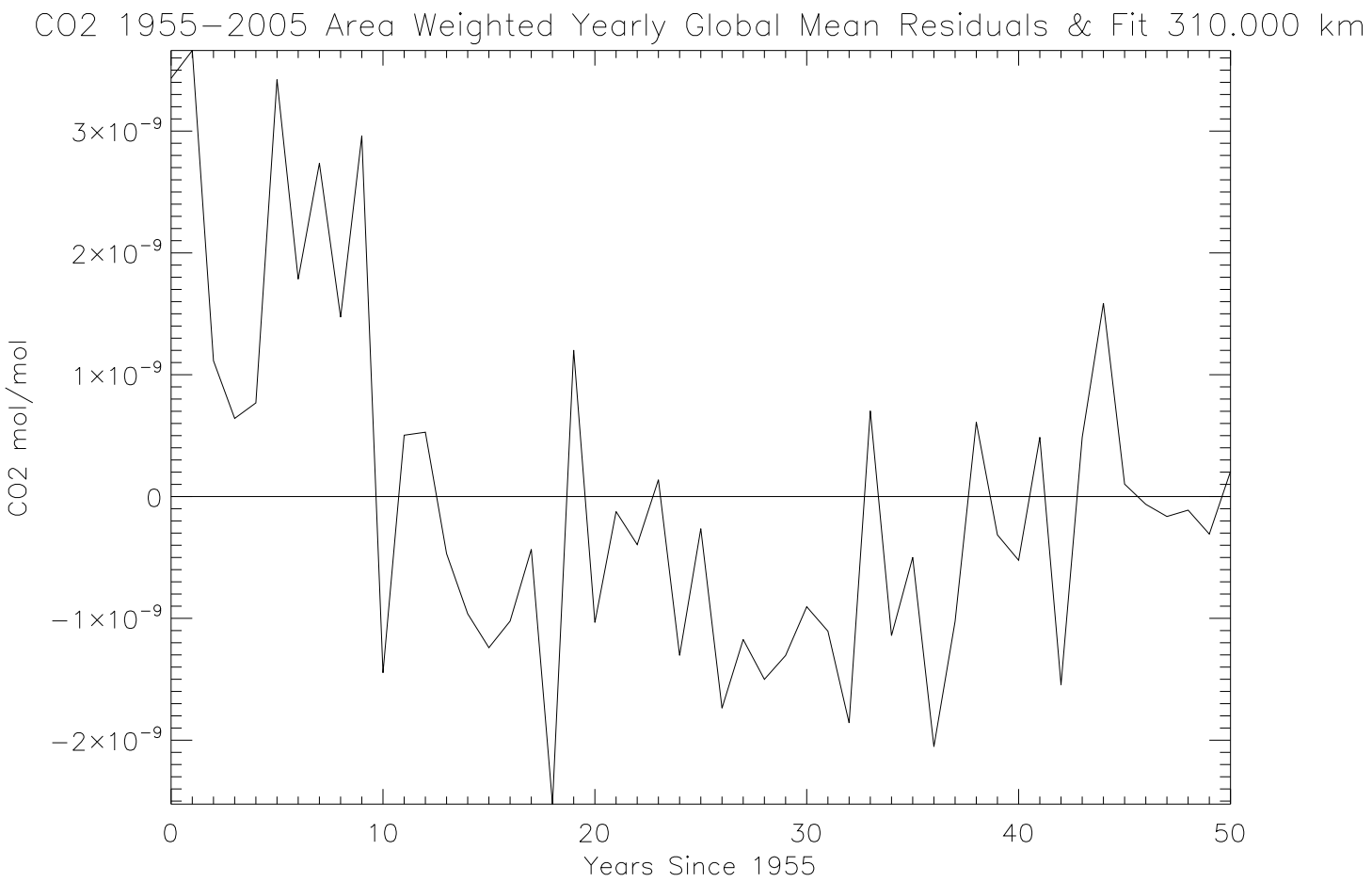
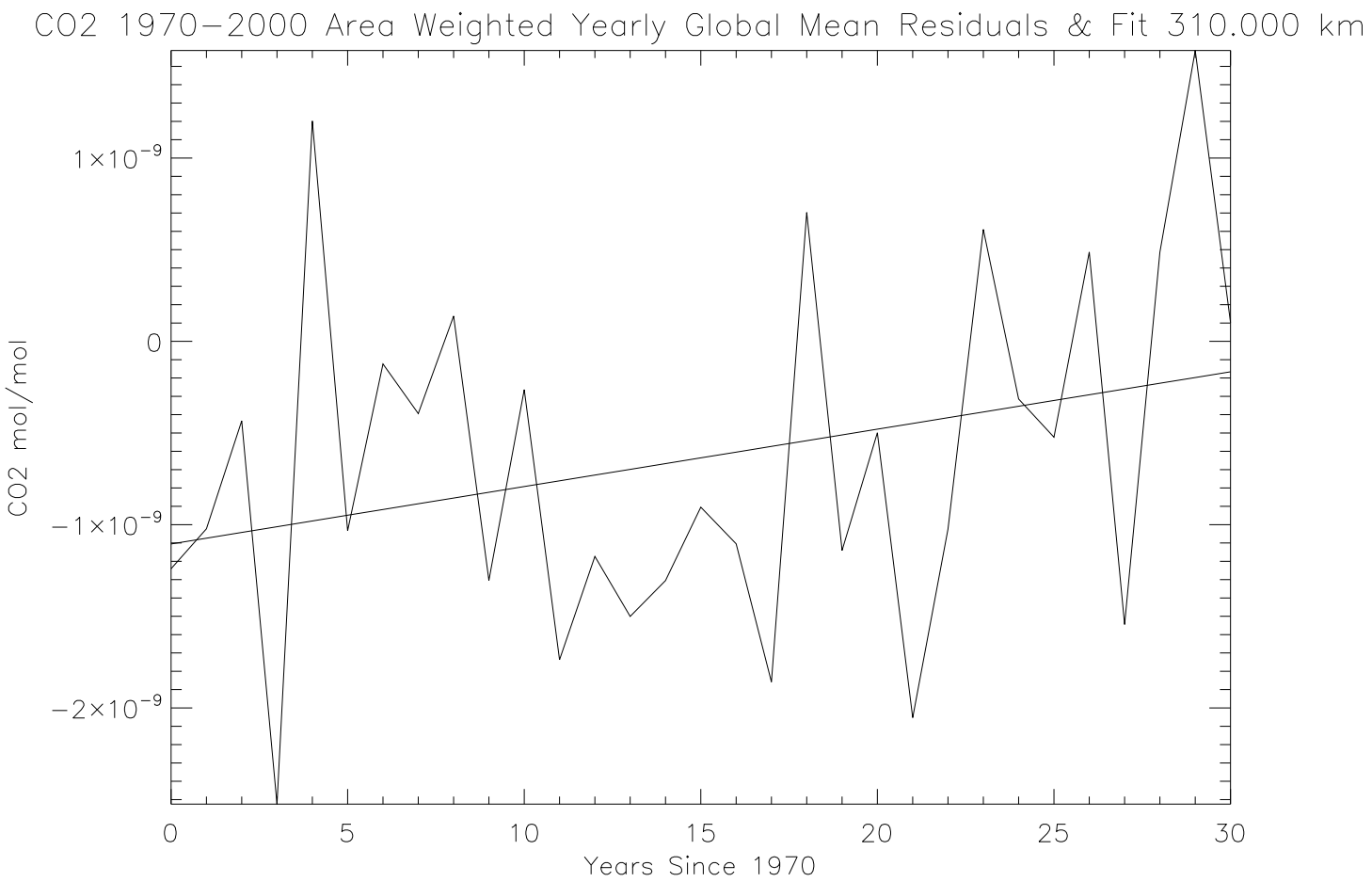
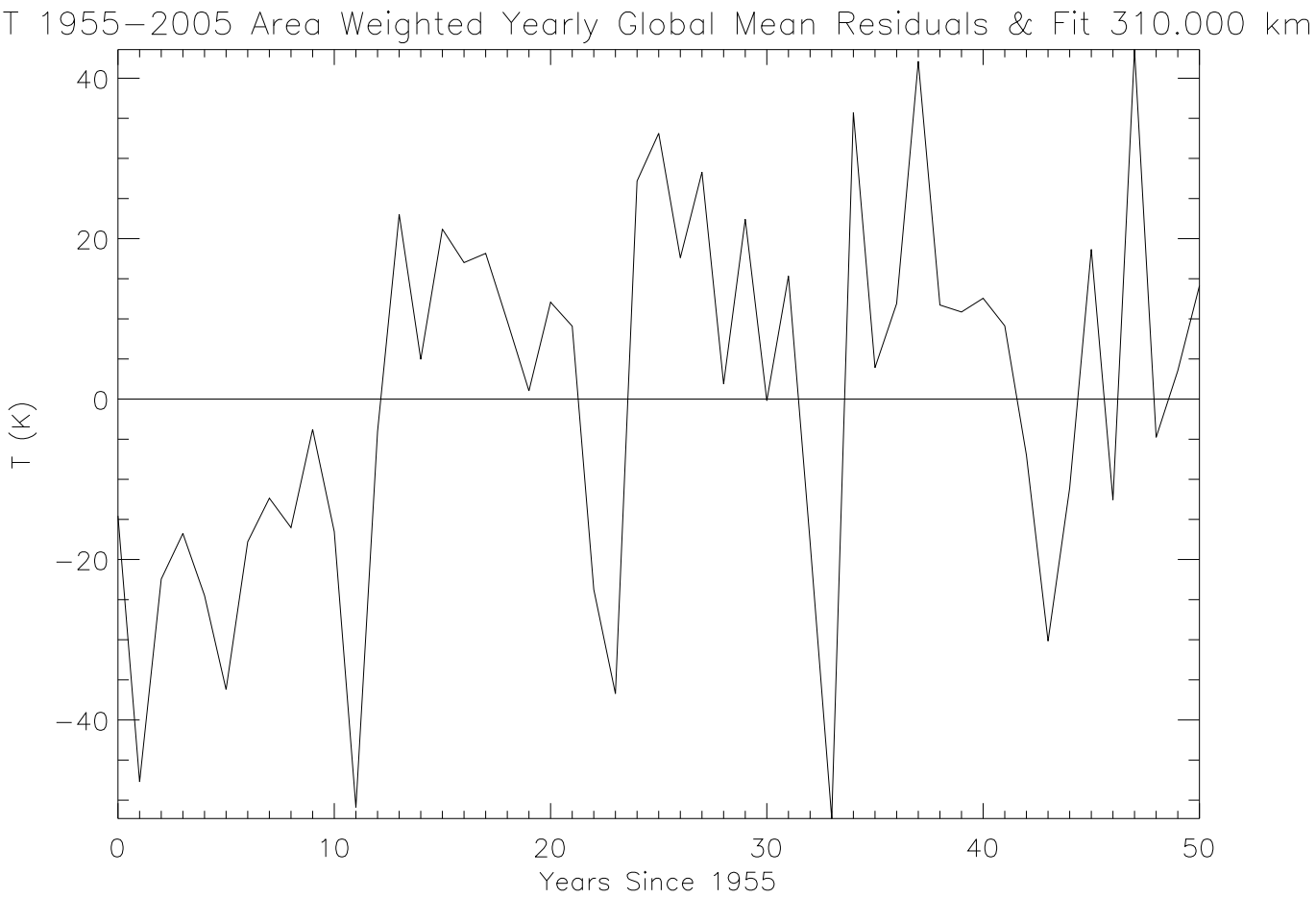
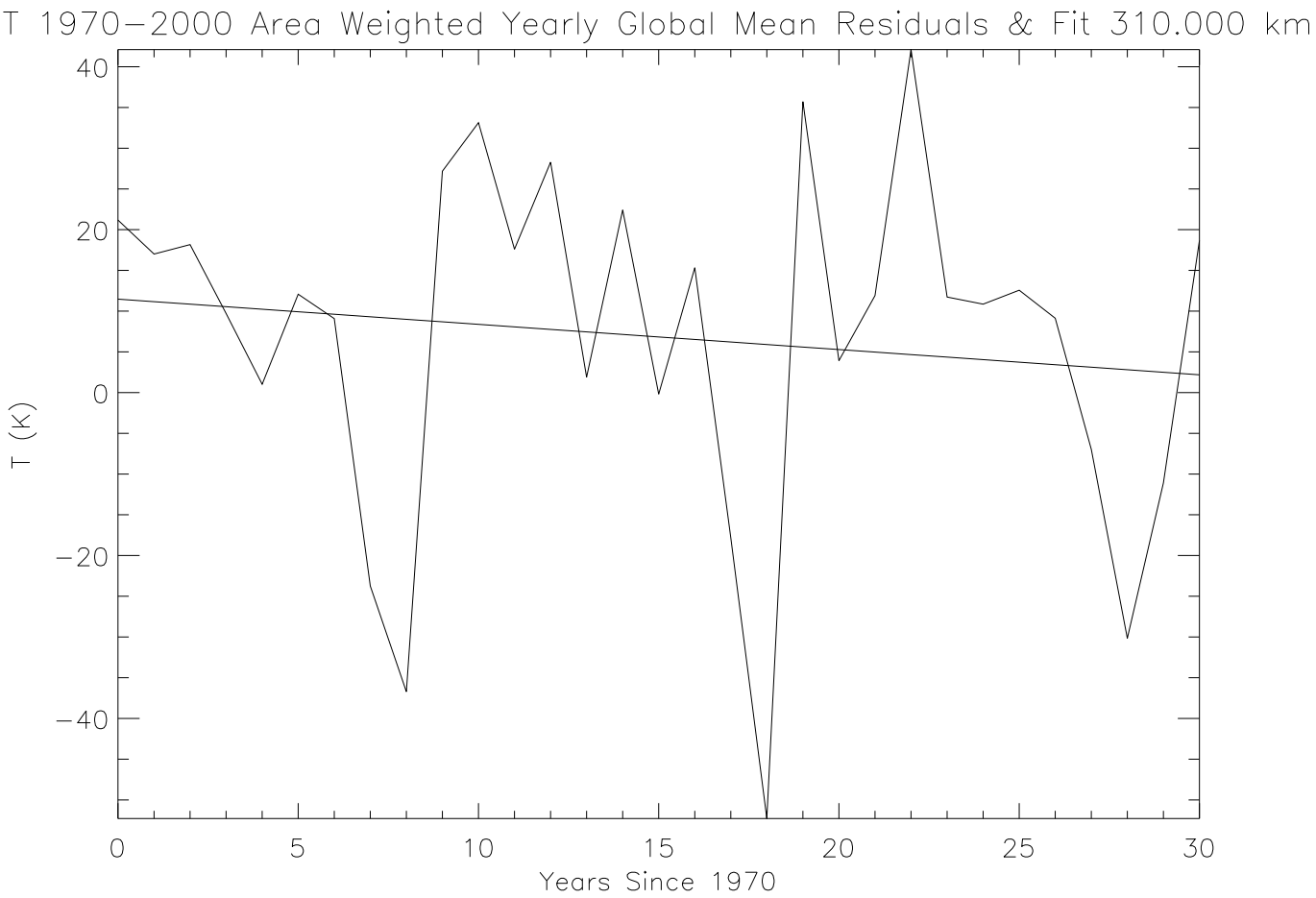
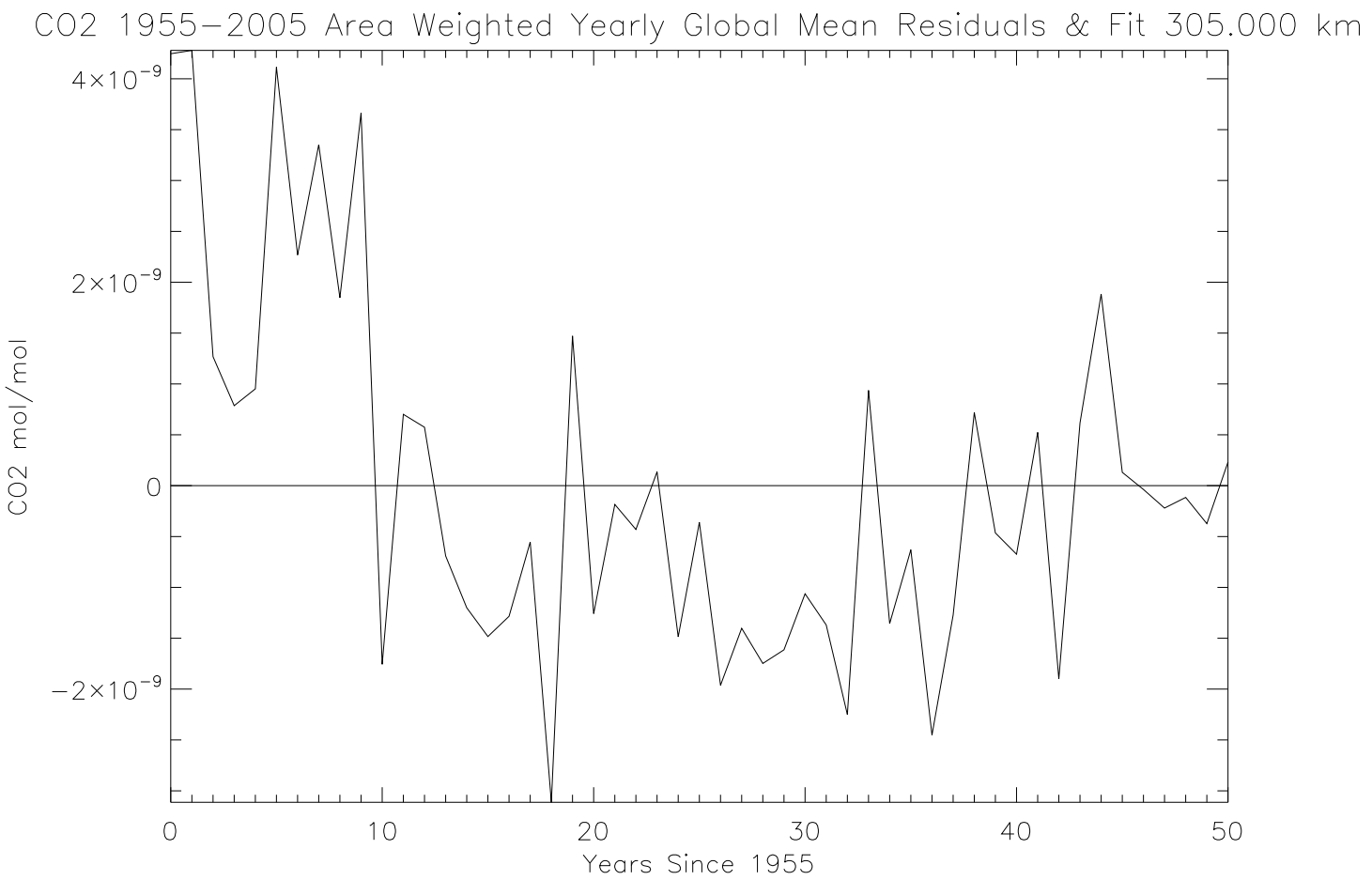
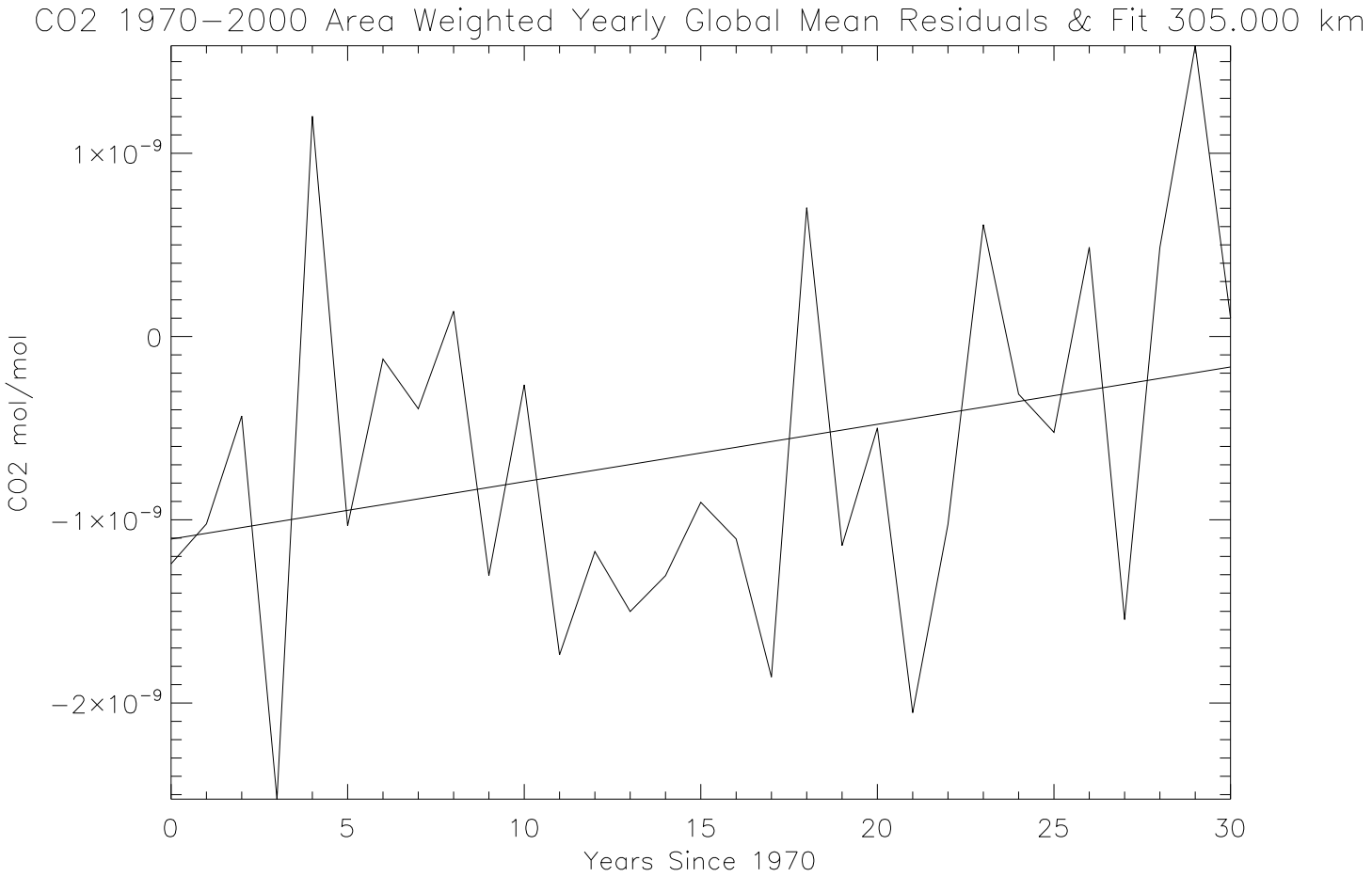

CO2 1955–2005 Area Weighted Yearly Global Mean Residuals & Fit 310.000 km
CO2 mol/mol
3×10⁻⁹
2×10⁻⁹
1×10⁻⁹
0
−1×10⁻⁹
−2×10⁻⁹
0
10
20
30
40
50
Years Since 1955

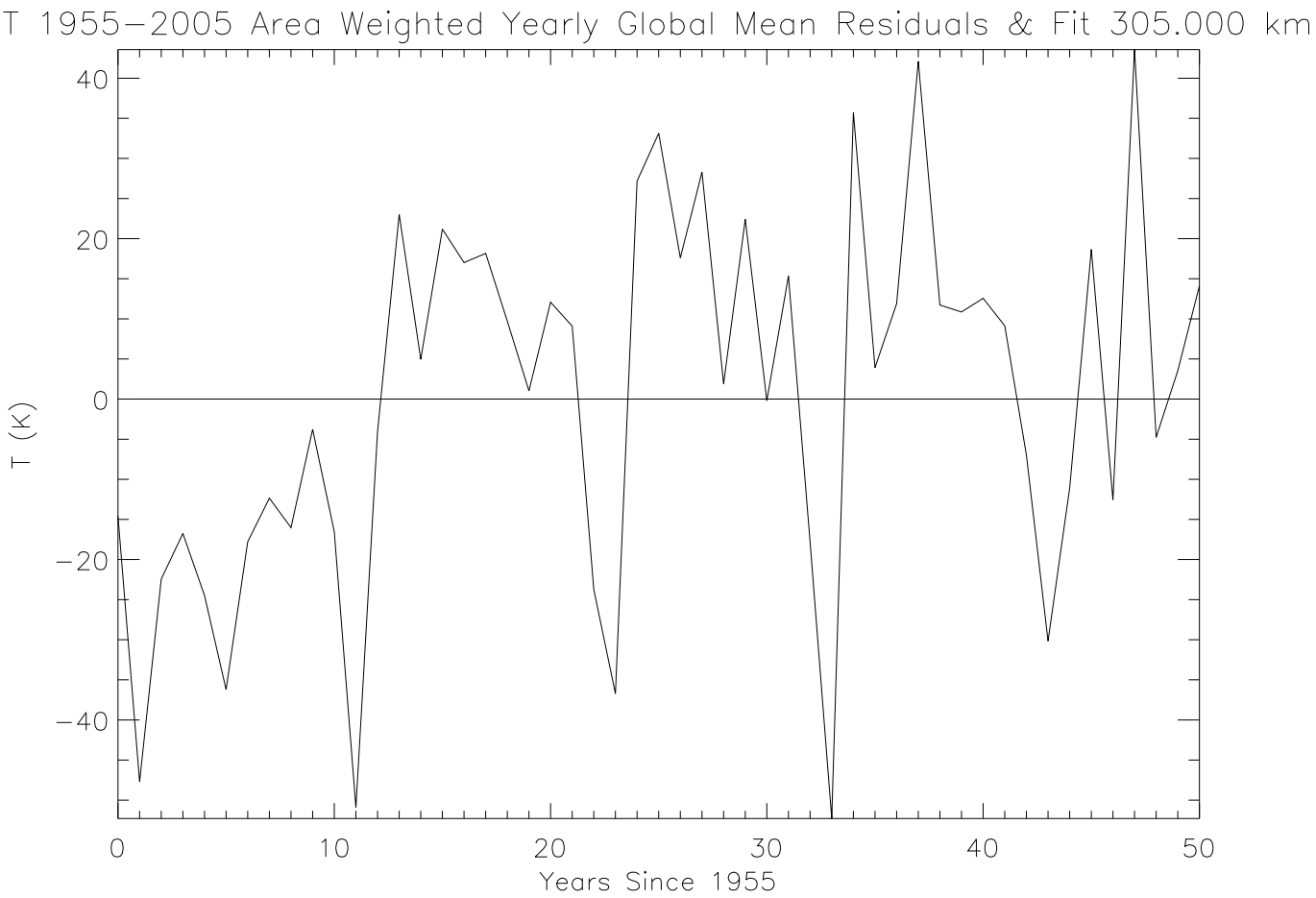

CO2 1970−2000 Area Weighted Yearly Global Mean Residuals & Fit 310.000 km
1×10⁻⁹
0
−1×10⁻⁹
−2×10⁻⁹
CO2 mol/mol
0
5
10
15
20
25
30
Years Since 1970

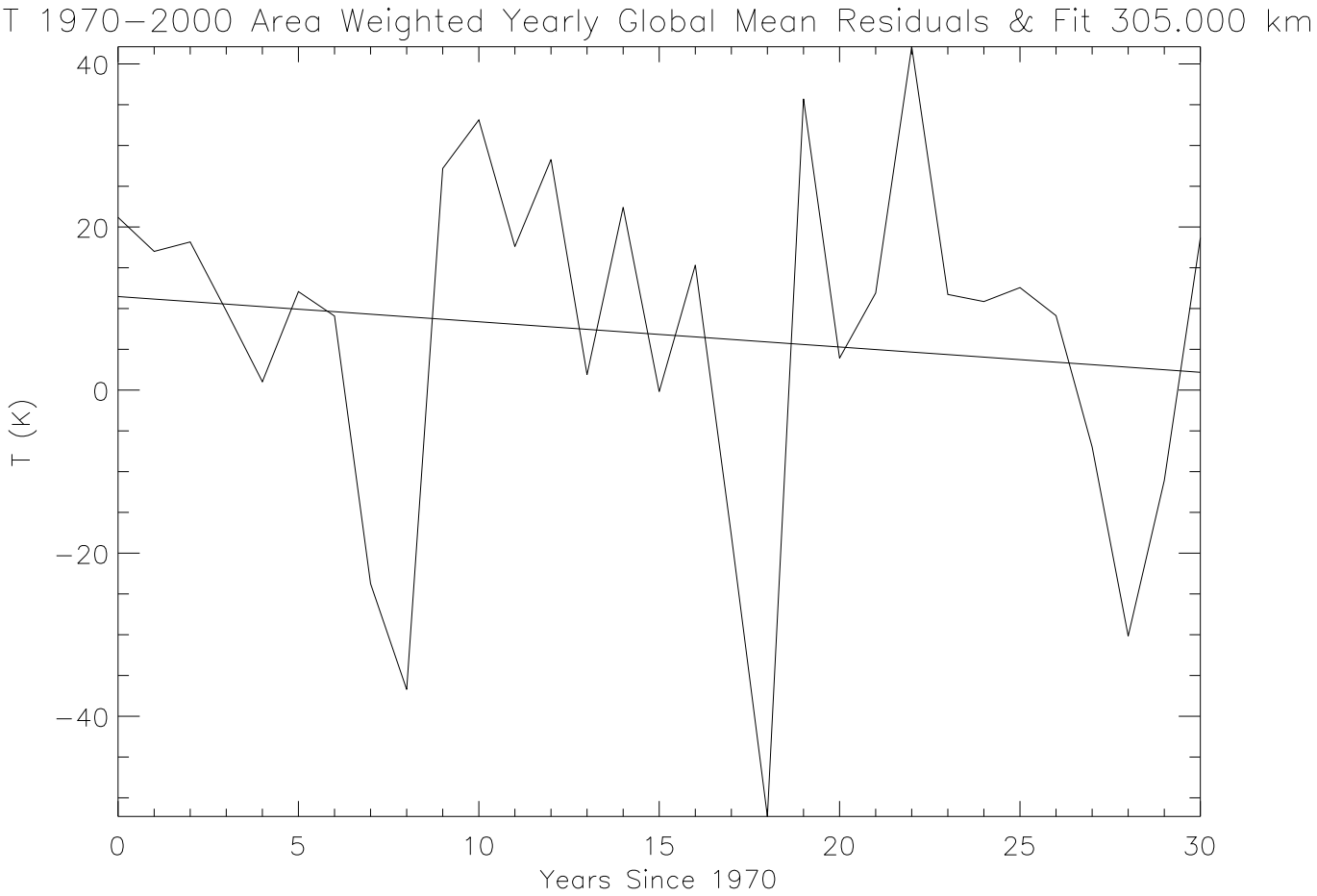

T 1955−2005 Area Weighted Yearly Global Mean Residuals & Fit 310.000 km
T (K)
40
20
0
−20
−40
0
10
20
30
40
50
Years Since 1955

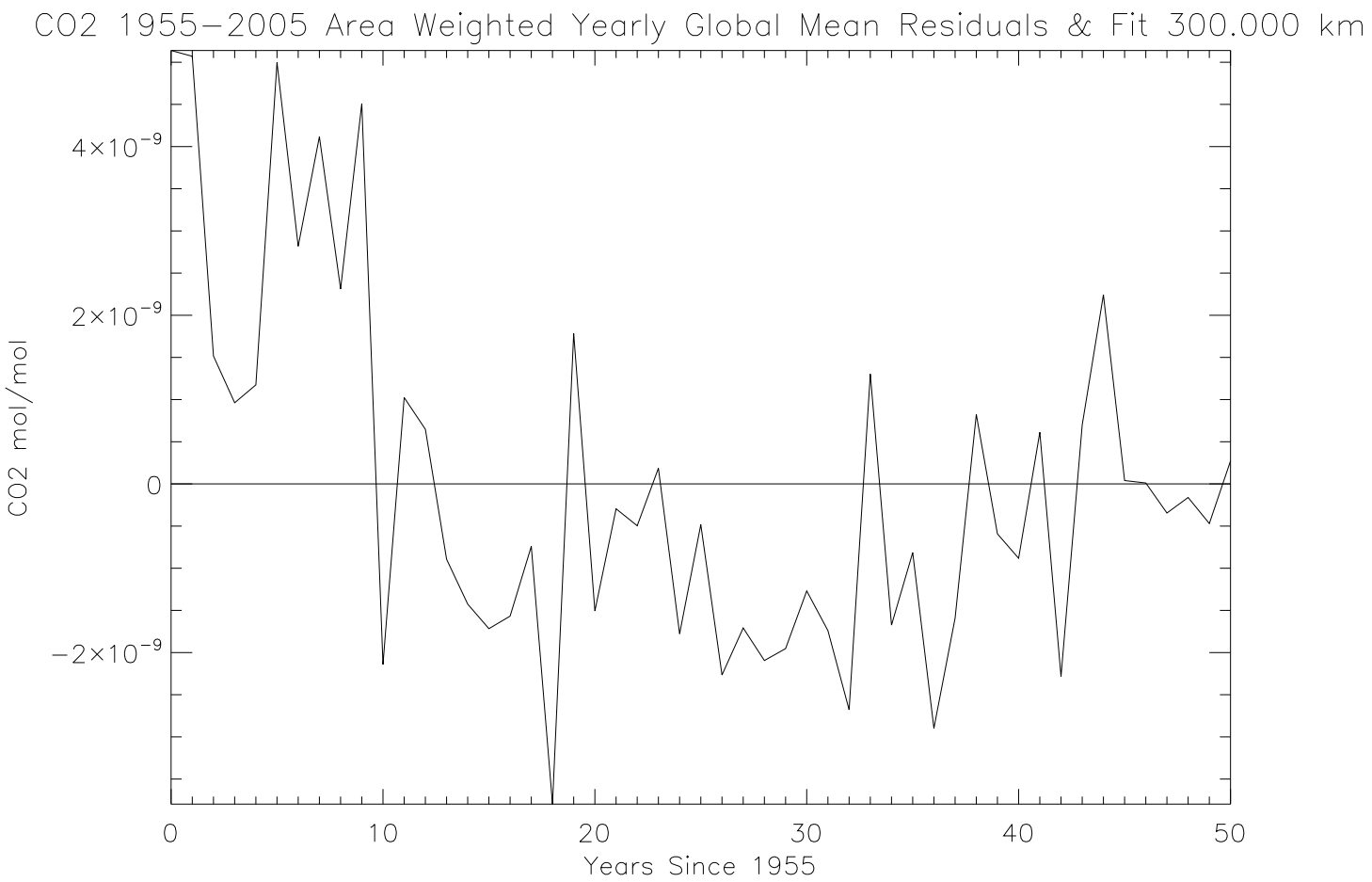

T 1970−2000 Area Weighted Yearly Global Mean Residuals & Fit 310.000 km
T (K)
40
20
0
−20
−40
0
5
10
15
20
25
30
Years Since 1970

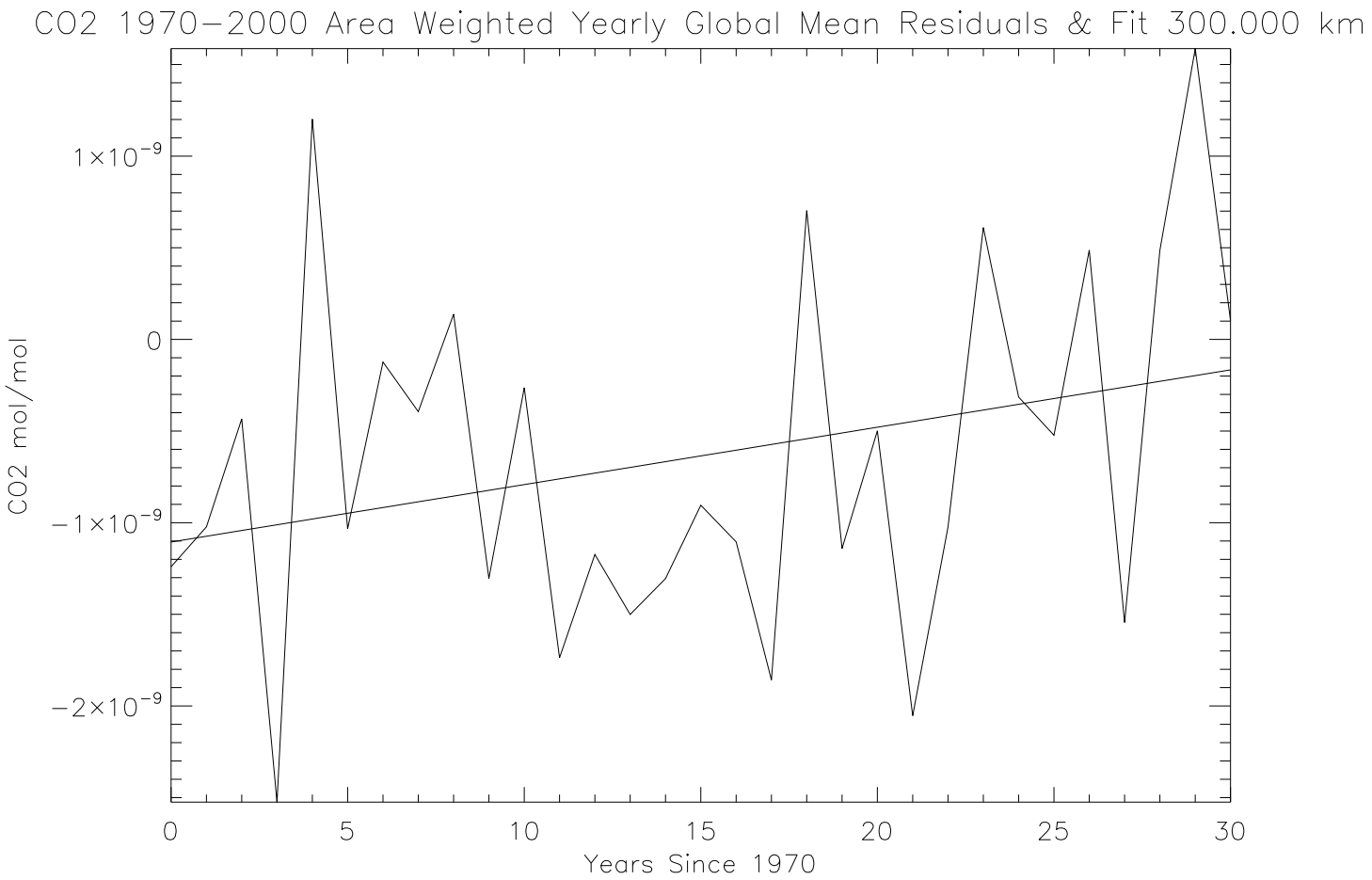

CO2 1955–2005 Area Weighted Yearly Global Mean Residuals & Fit 305.000 km
4×10⁻⁹
2×10⁻⁹
0
−2×10⁻⁹
CO2 mol/mol
0
10
20
30
40
50
Years Since 1955

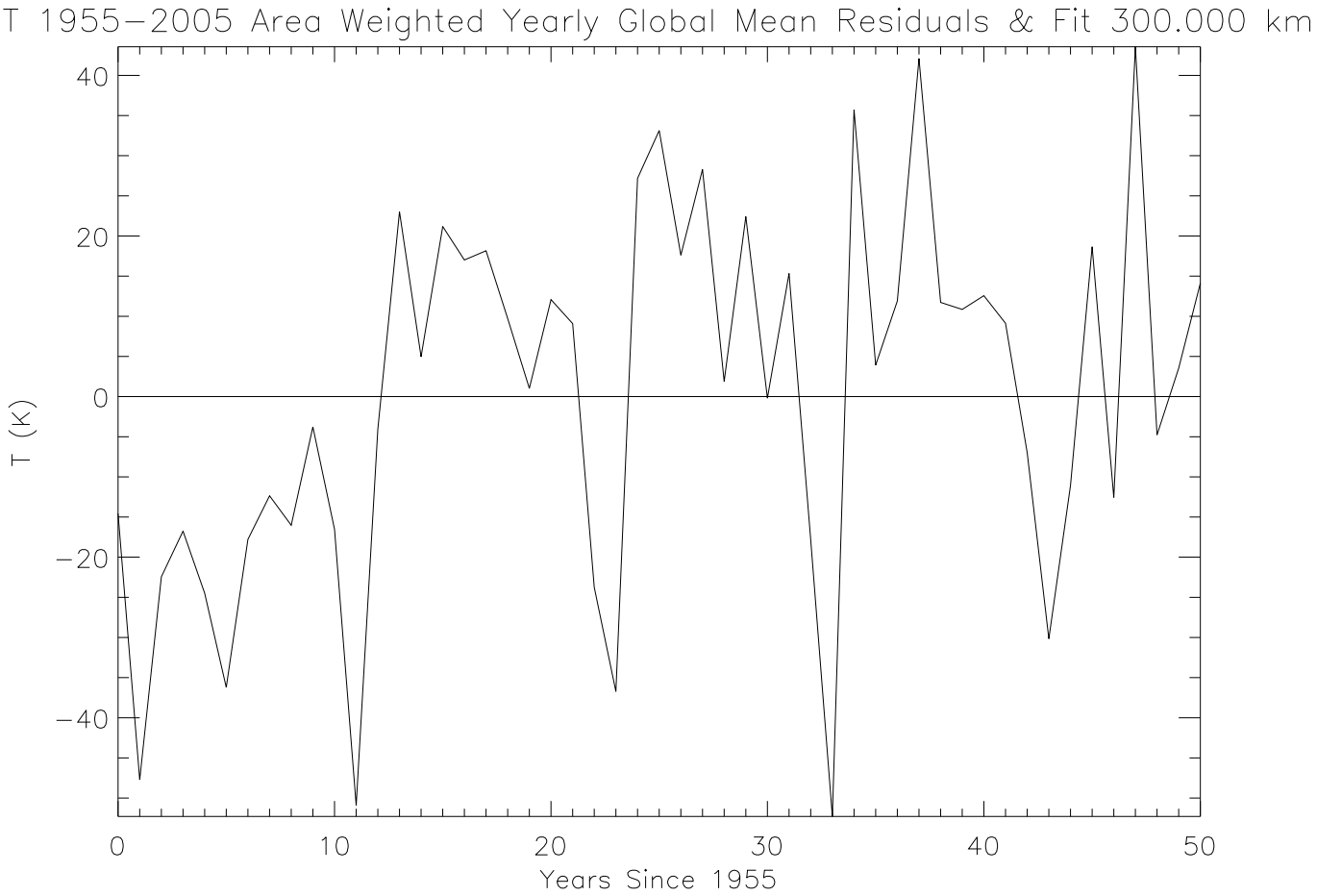

CO2 1970−2000 Area Weighted Yearly Global Mean Residuals & Fit 305.000 km
1×10⁻⁹
0
−1×10⁻⁹
−2×10⁻⁹
CO2 mol/mol
0
5
10
15
20
25
30
Years Since 1970

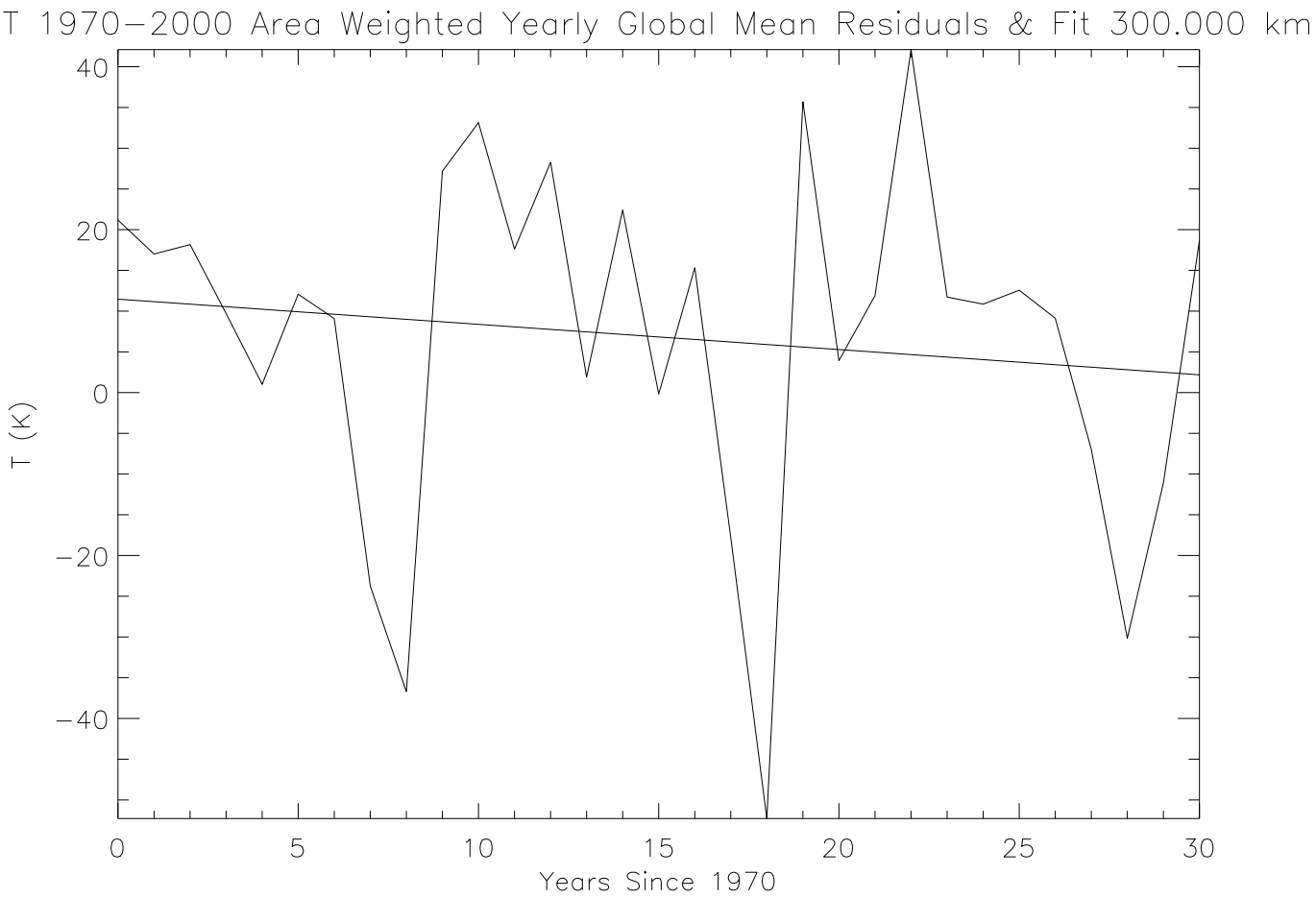

T 1955−2005 Area Weighted Yearly Global Mean Residuals & Fit 305.000 km
T (K)
40
20
0
−20
−40
0
10
20
30
40
50
Years Since 1955

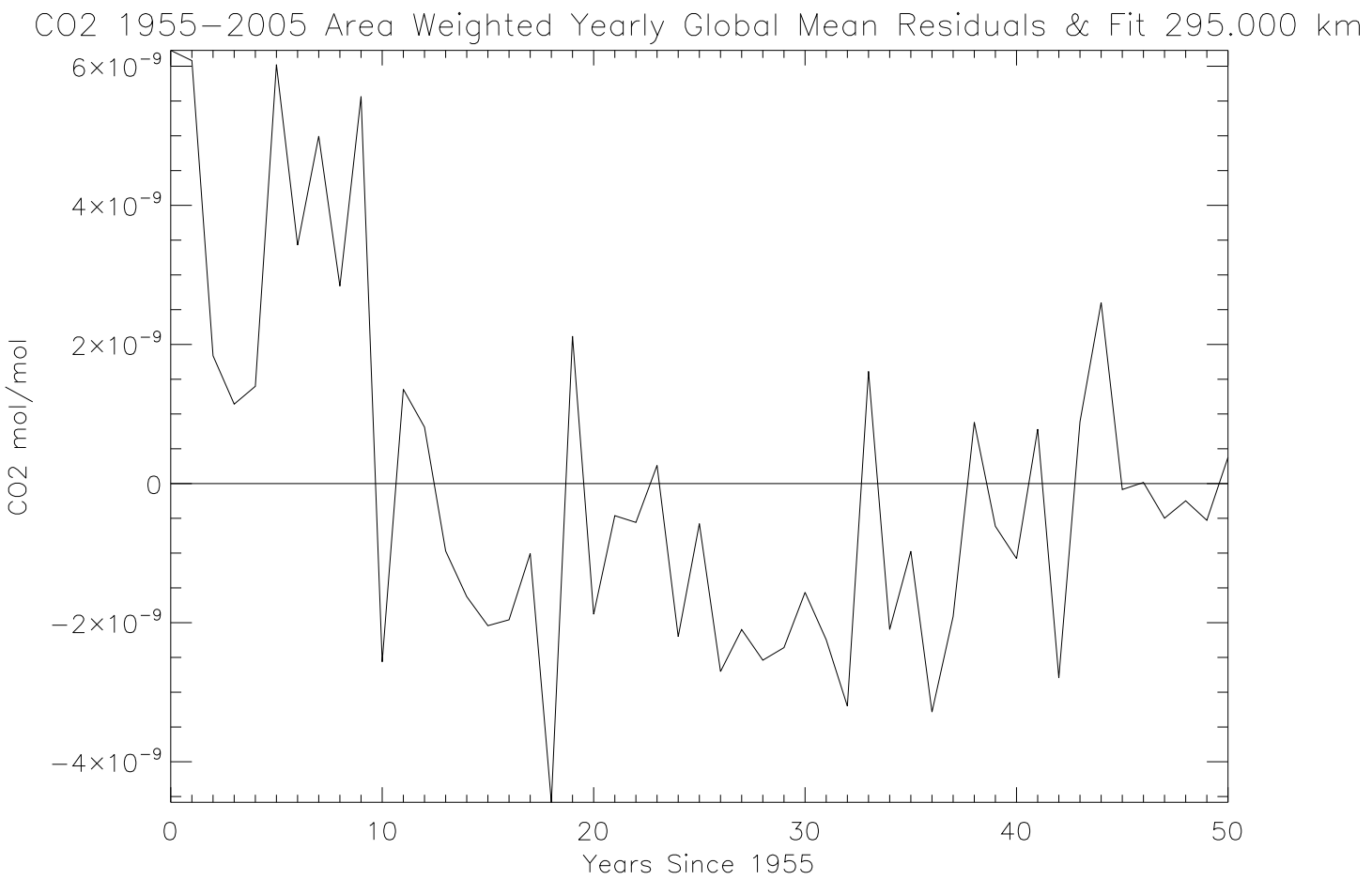

T 1970−2000 Area Weighted Yearly Global Mean Residuals & Fit 305.000 km
T (K)
40
20
0
−20
−40
0
5
10
15
20
25
30
Years Since 1970

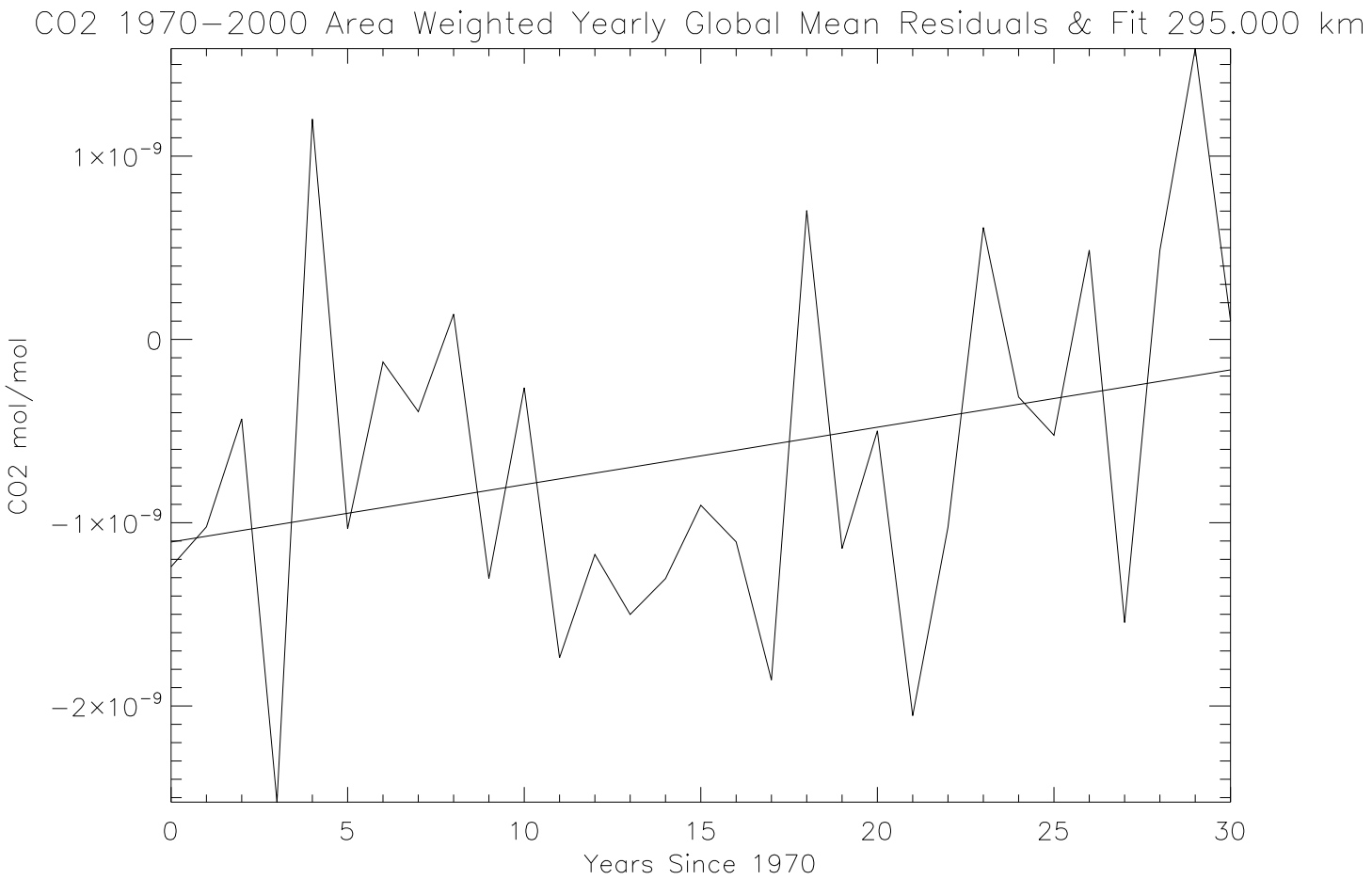

CO2 1955–2005 Area Weighted Yearly Global Mean Residuals & Fit 300.000 km
CO2 mol/mol
4×10⁻⁹
2×10⁻⁹
0
−2×10⁻⁹
0
10
20
30
40
50
Years Since 1955

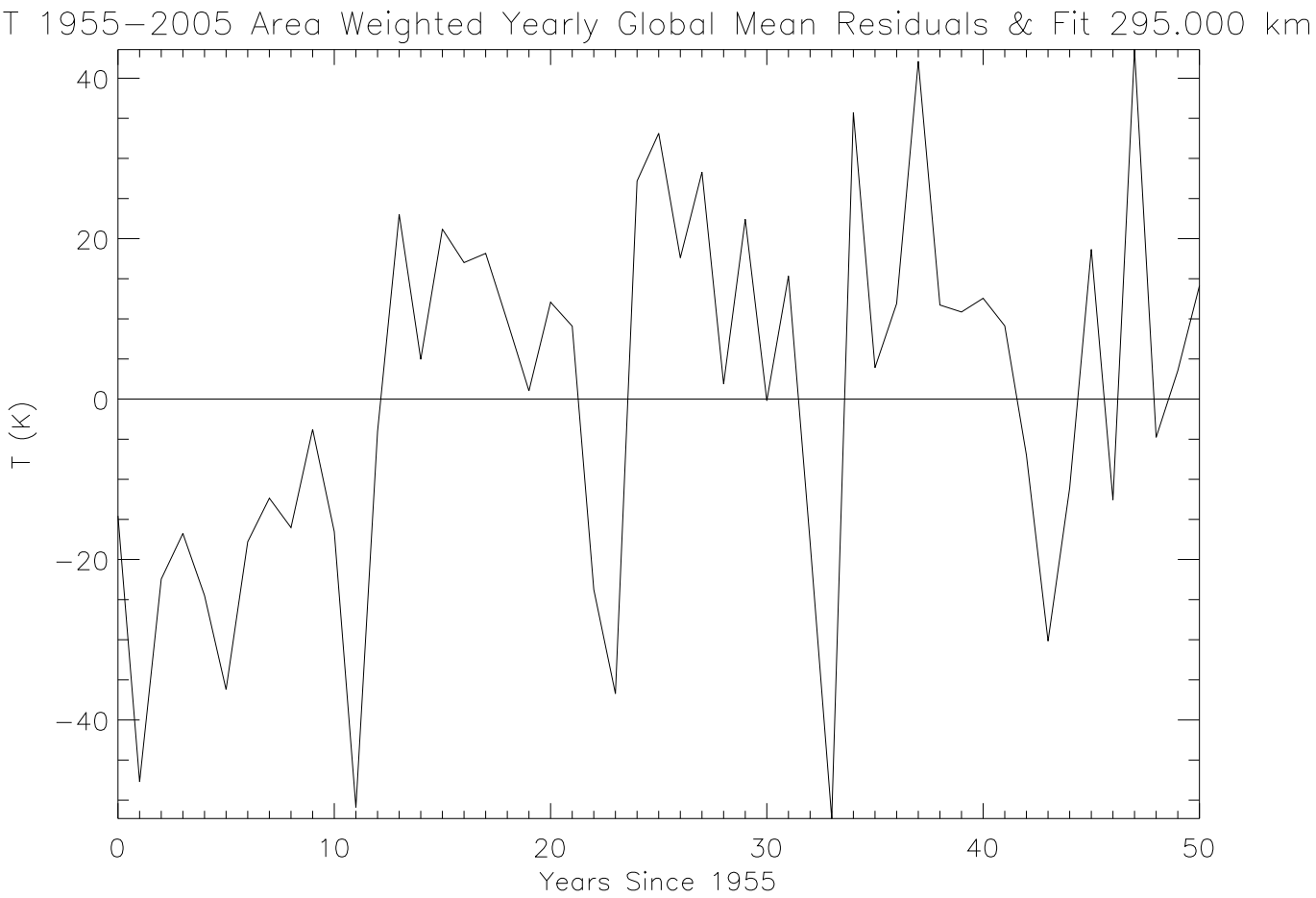

CO2 1970–2000 Area Weighted Yearly Global Mean Residuals & Fit 300.000 km
1×10⁻⁹
0
−1×10⁻⁹
−2×10⁻⁹
CO2 mol/mol
0
5
10
15
20
25
30
Years Since 1970

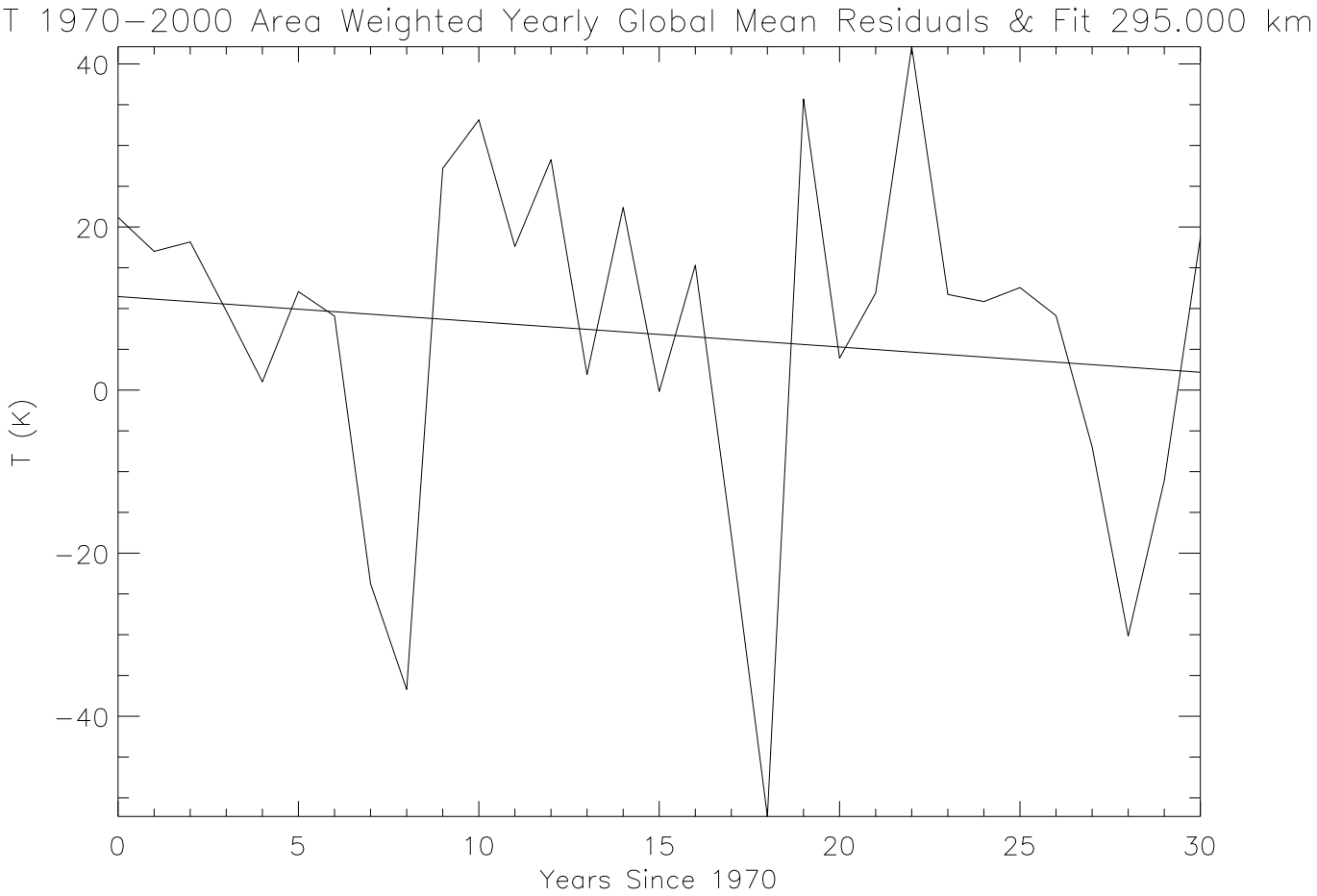

T 1955−2005 Area Weighted Yearly Global Mean Residuals & Fit 300.000 km
T (K)
40
20
0
−20
−40
0
10
20
30
40
50
Years Since 1955

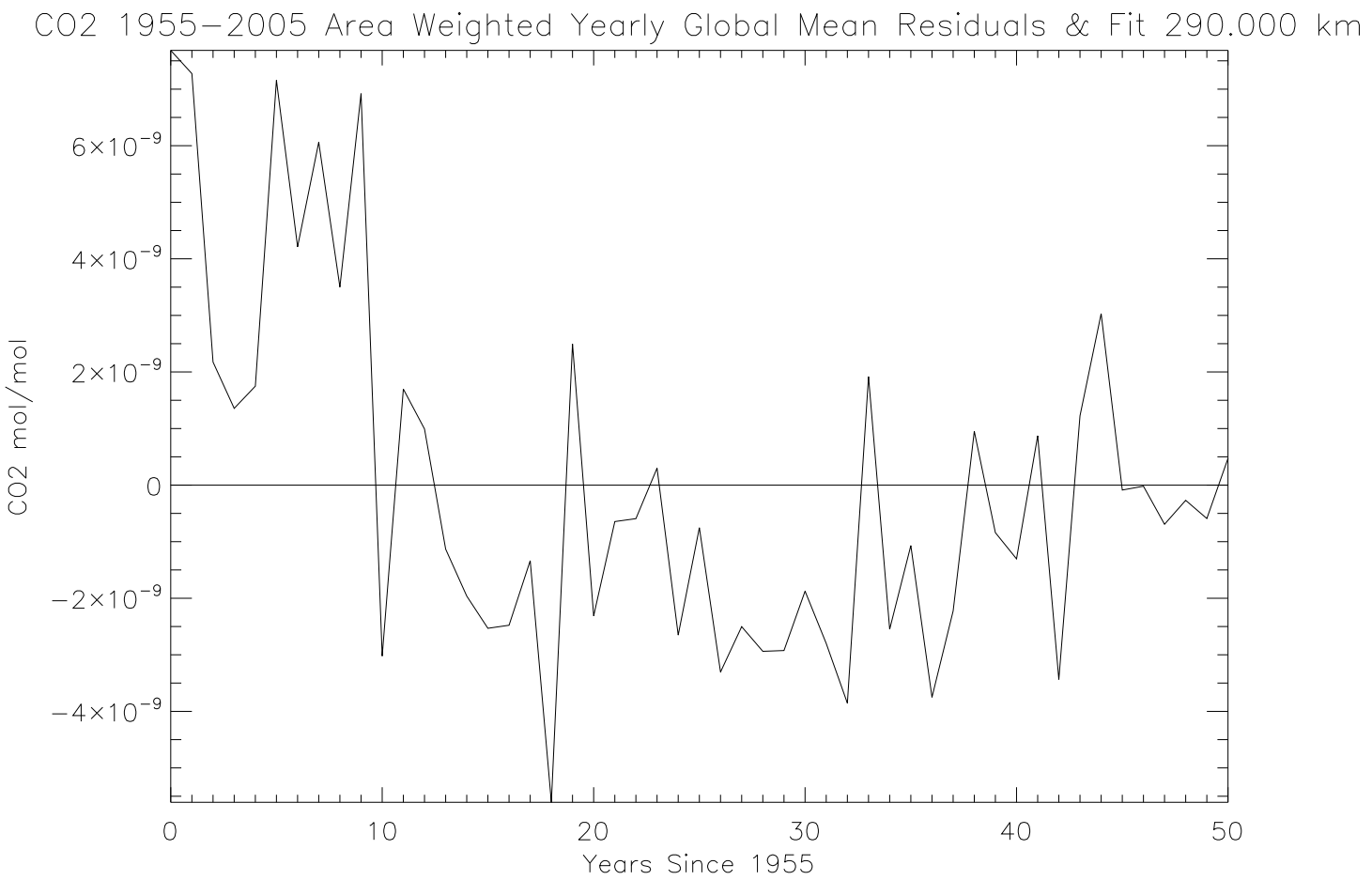

T 1970−2000 Area Weighted Yearly Global Mean Residuals & Fit 300.000 km
T (K)
40
20
0
−20
−40
0
5
10
15
20
25
30
Years Since 1970

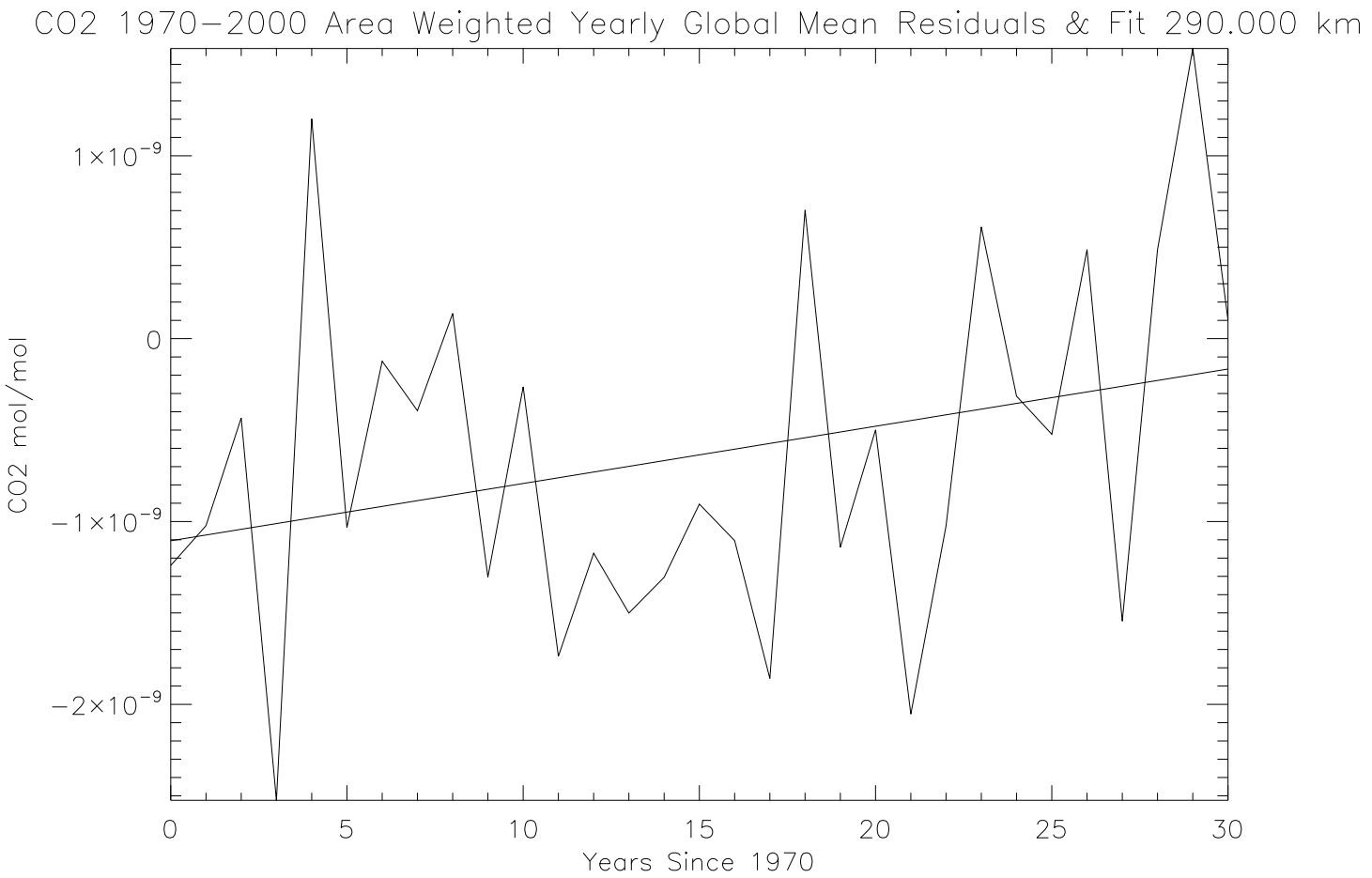

CO2 1955–2005 Area Weighted Yearly Global Mean Residuals & Fit 295.000 km
6×10⁻⁹
4×10⁻⁹
2×10⁻⁹
0
−2×10⁻⁹
−4×10⁻⁹
CO2 mol/mol
0
10
20
30
40
50
Years Since 1955

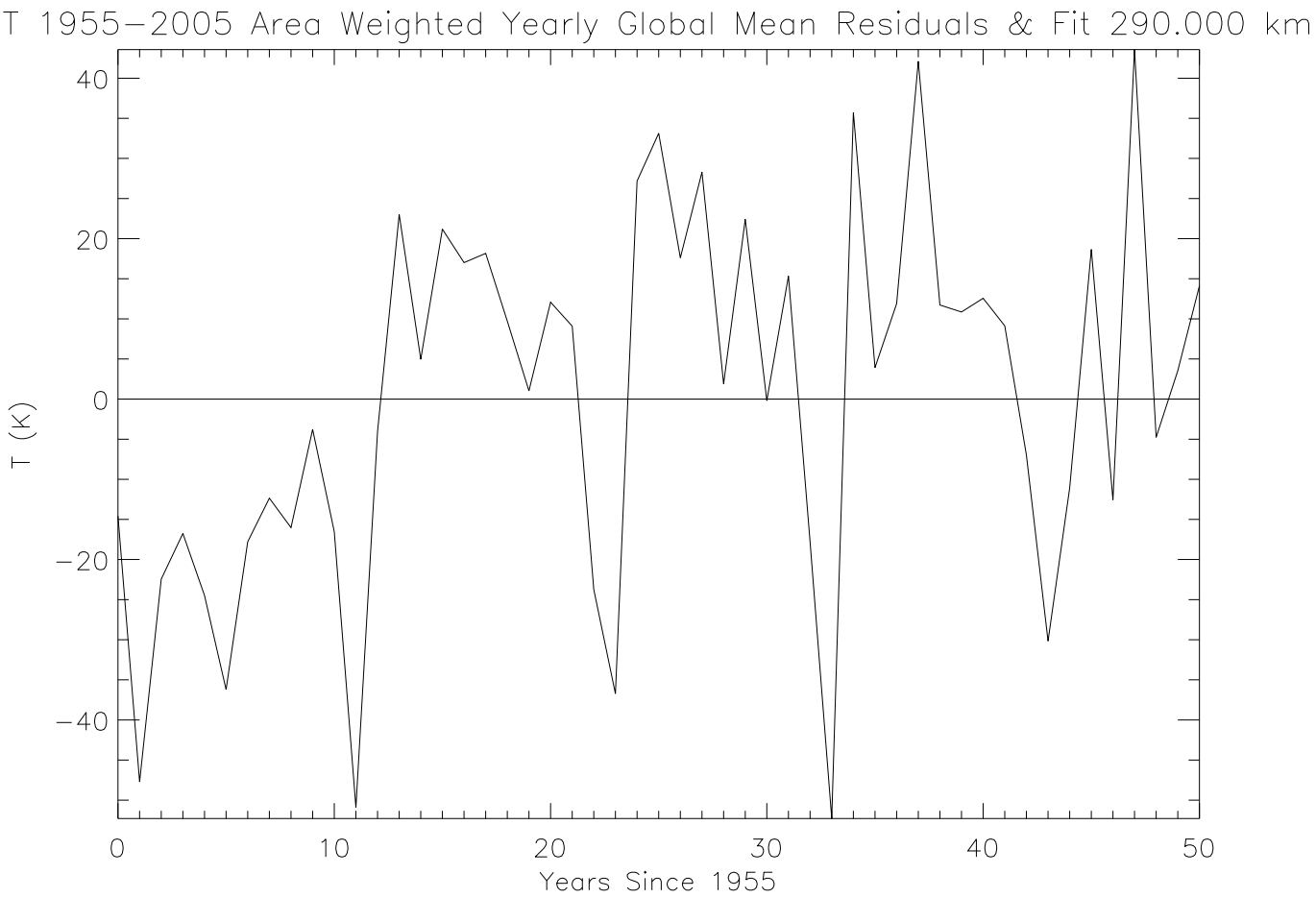

CO2 1970–2000 Area Weighted Yearly Global Mean Residuals & Fit 295.000 km
1×10⁻⁹
0
−1×10⁻⁹
−2×10⁻⁹
CO2 mol/mol
0
5
10
15
20
25
30
Years Since 1970

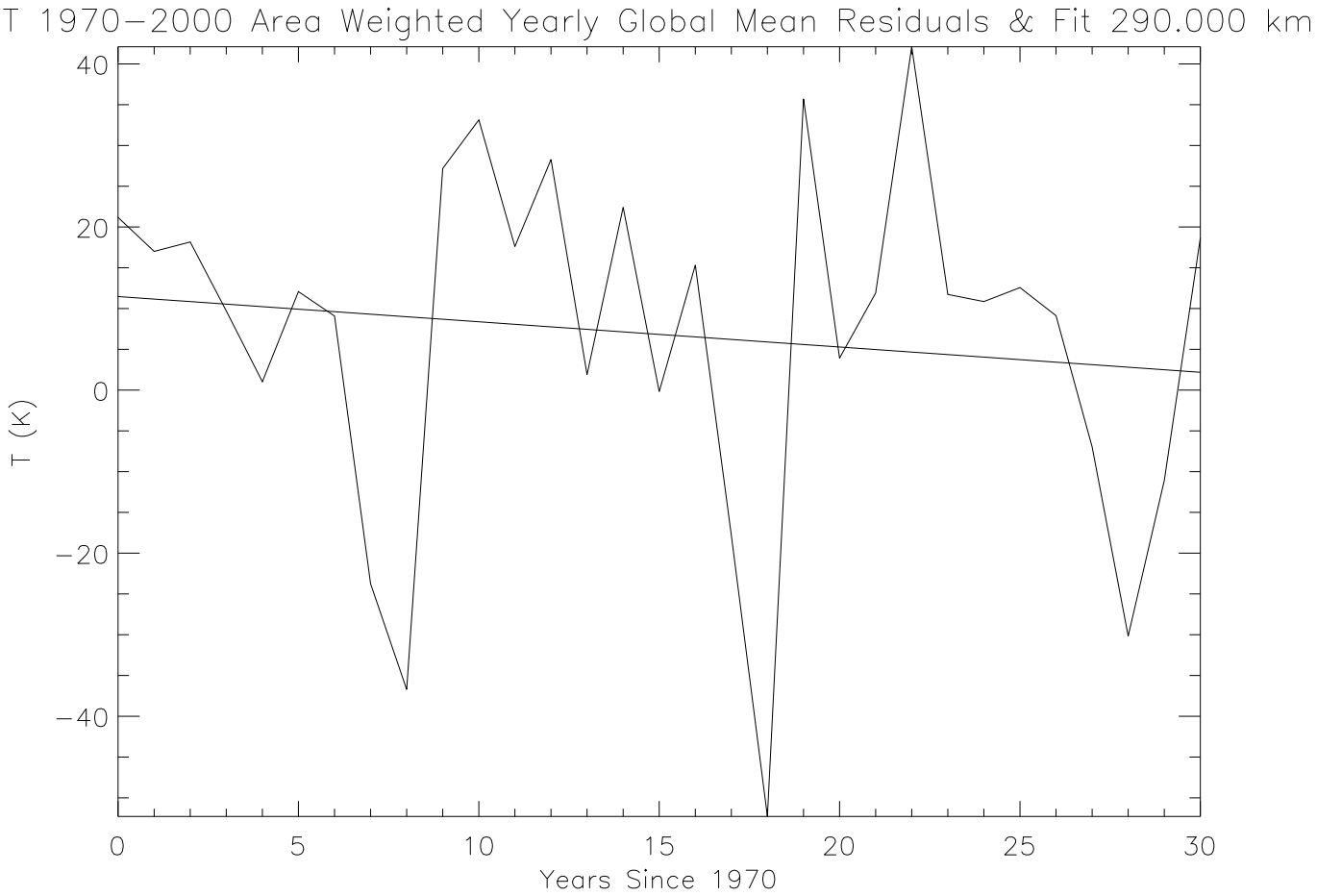

T 1955−2005 Area Weighted Yearly Global Mean Residuals & Fit 295.000 km
T (K)
40
20
0
−20
−40
0
10
20
30
40
50
Years Since 1955

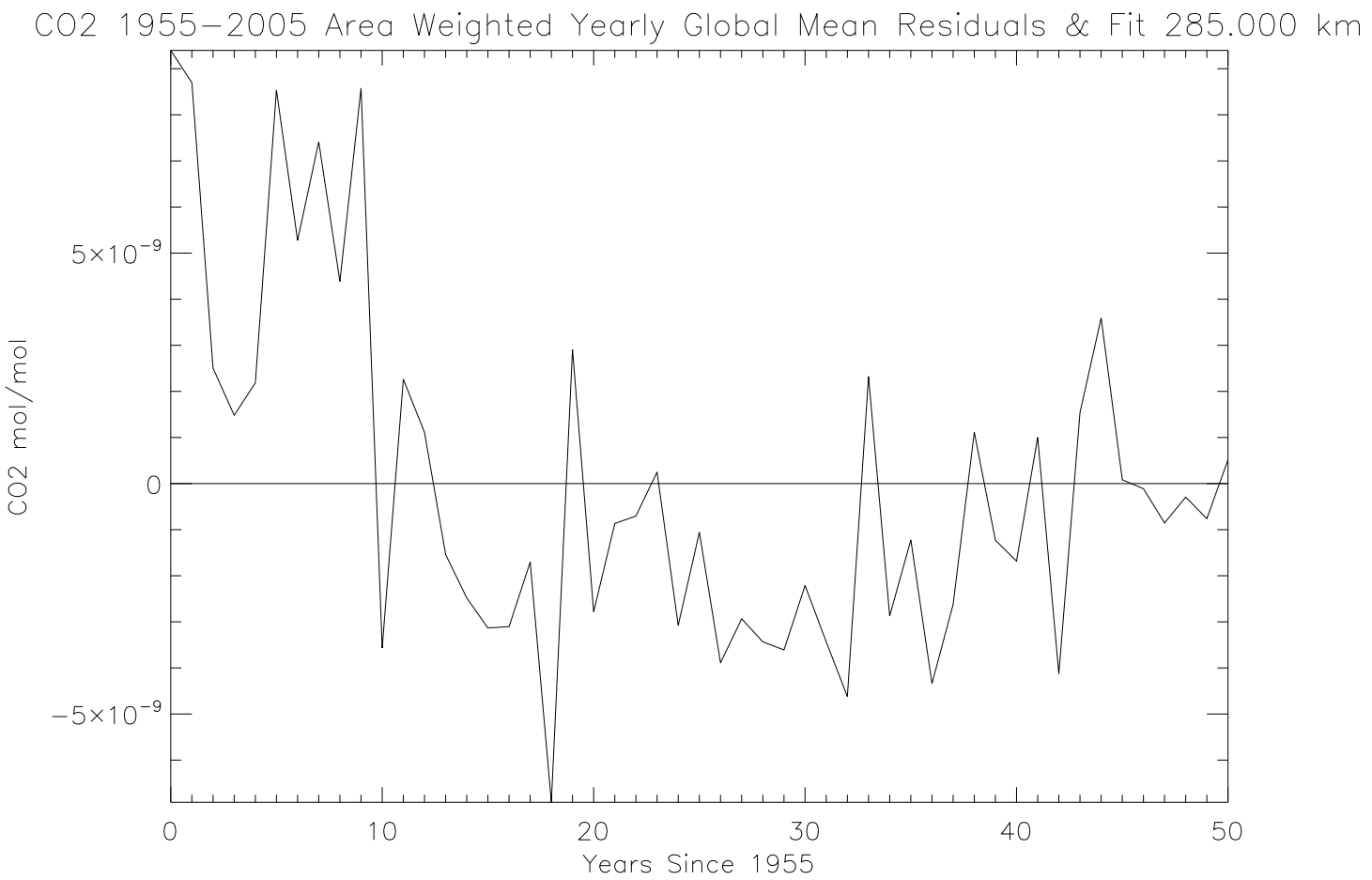

T 1970−2000 Area Weighted Yearly Global Mean Residuals & Fit 295.000 km
T (K)
40
20
0
−20
−40
0
5
10
15
20
25
30
Years Since 1970

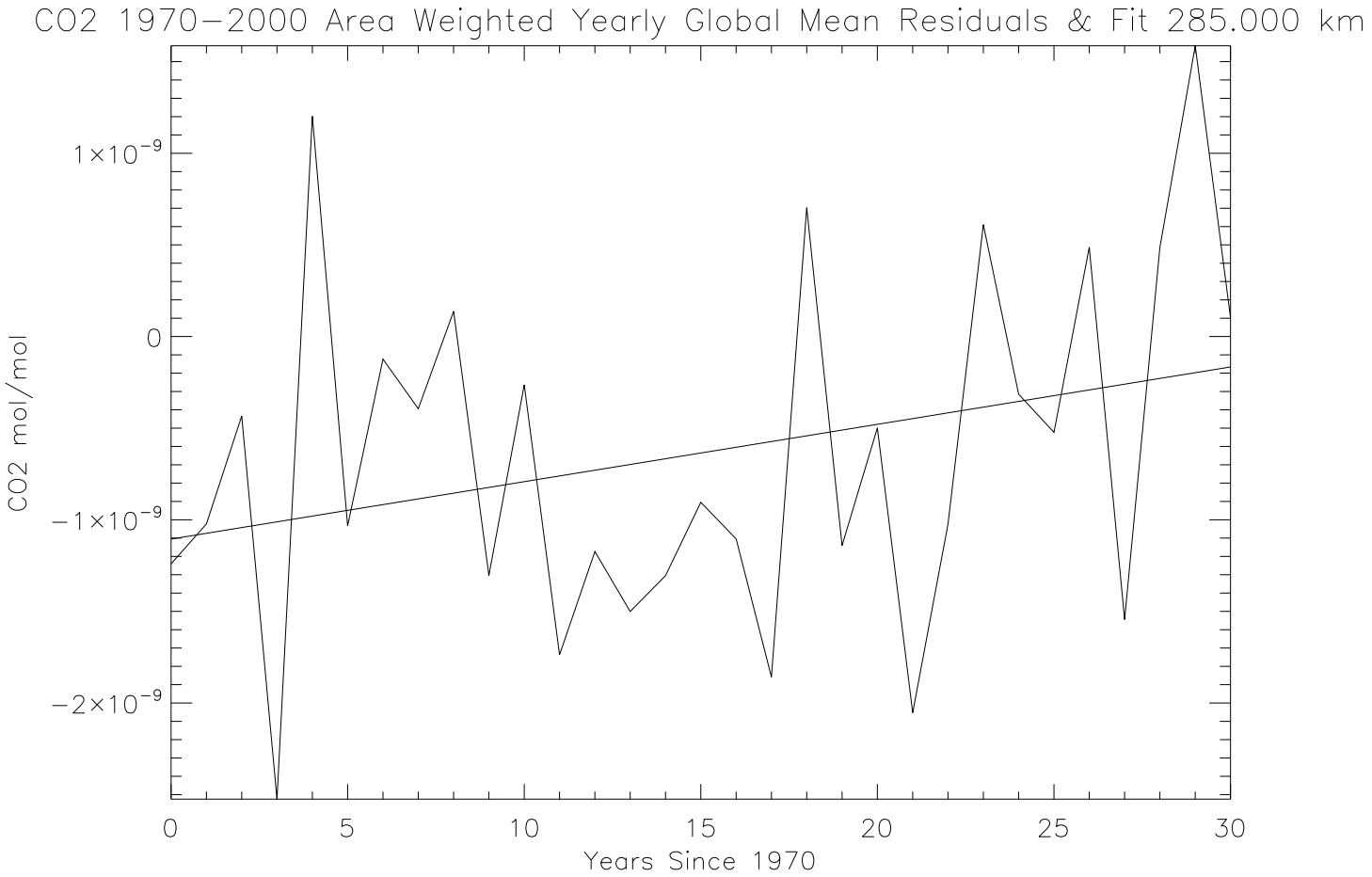

CO2 1955–2005 Area Weighted Yearly Global Mean Residuals & Fit 290.000 km
6×10⁻⁹
4×10⁻⁹
2×10⁻⁹
0
−2×10⁻⁹
−4×10⁻⁹
CO2 mol/mol
0
10
20
30
40
50
Years Since 1955

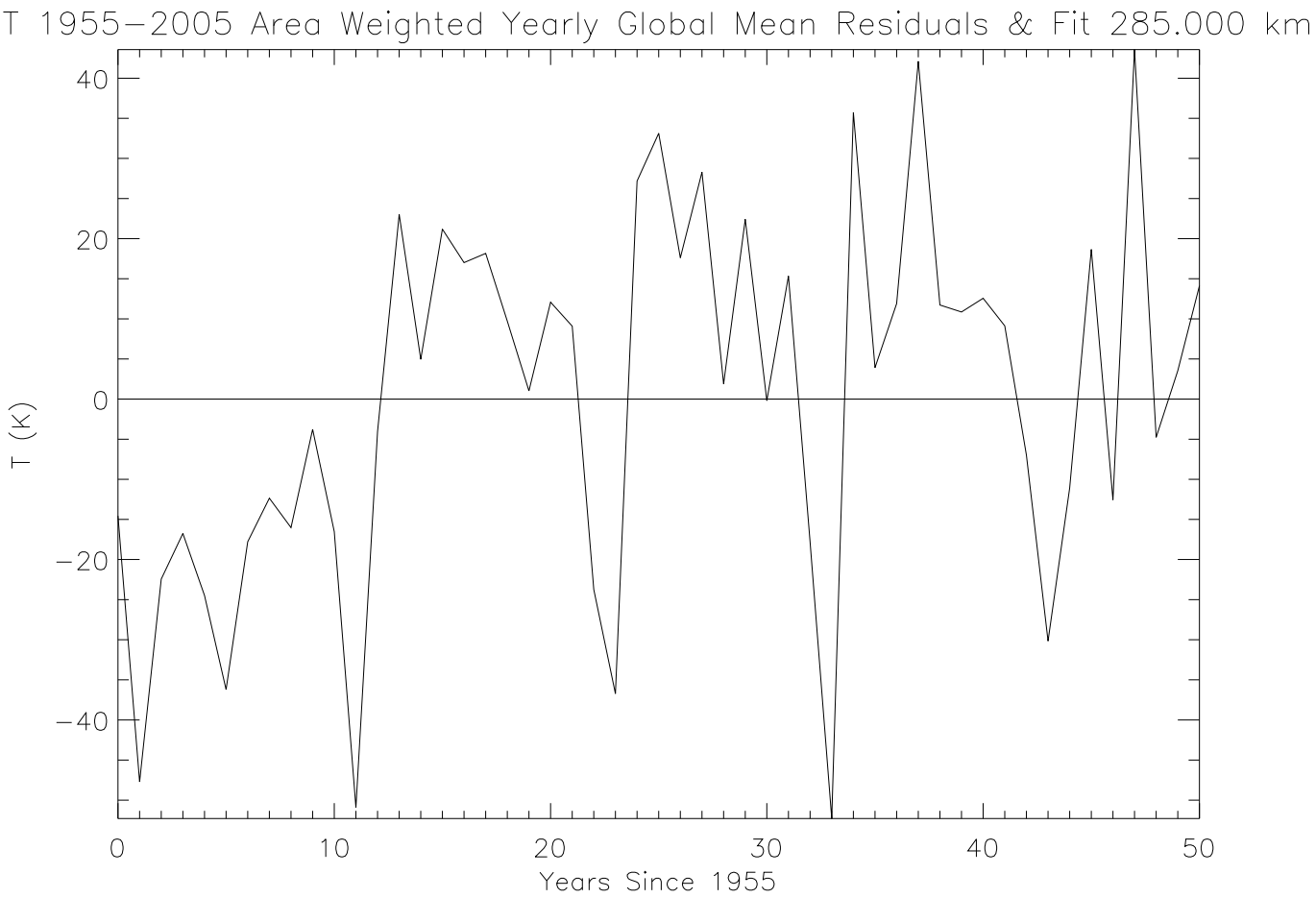

CO2 1970−2000 Area Weighted Yearly Global Mean Residuals & Fit 290.000 km
1×10⁻⁹
0
−1×10⁻⁹
−2×10⁻⁹
CO2 mol/mol
0
5
10
15
20
25
30
Years Since 1970

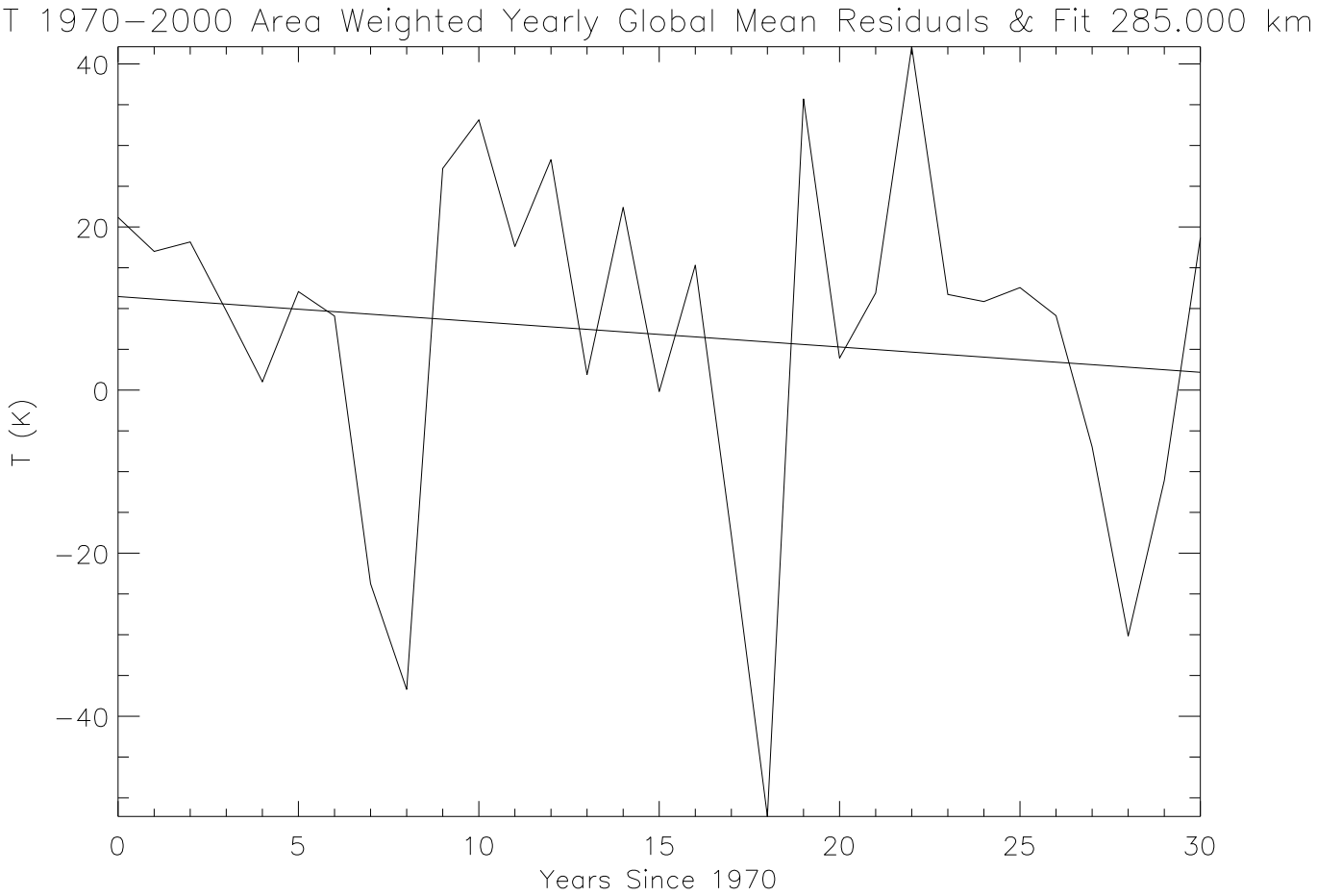

T 1955−2005 Area Weighted Yearly Global Mean Residuals & Fit 290.000 km
T (K)
40
20
0
−20
−40
0
10
20
30
40
50
Years Since 1955

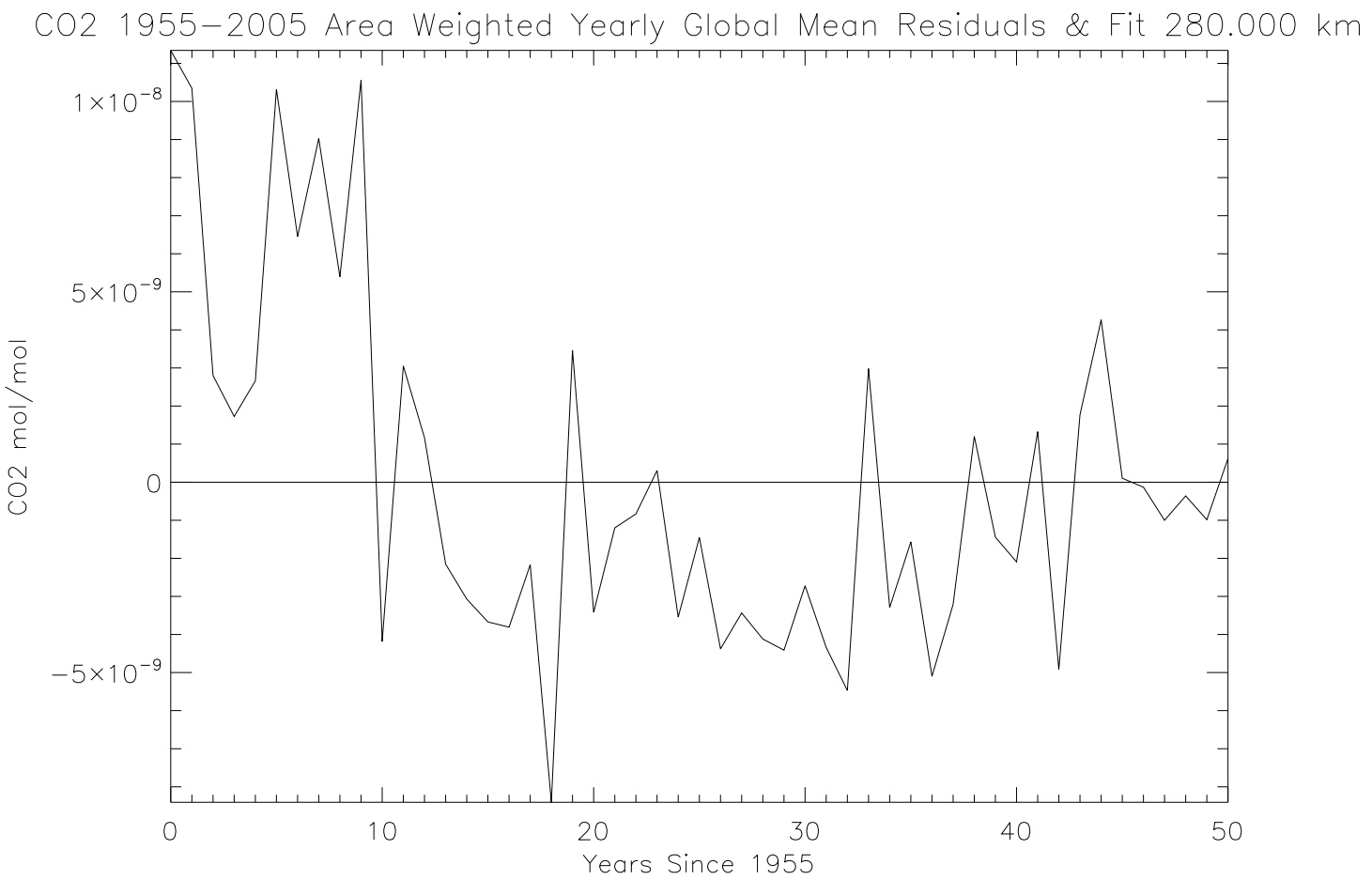

T 1970−2000 Area Weighted Yearly Global Mean Residuals & Fit 290.000 km
T (K)
40
20
0
−20
−40
0
5
10
15
20
25
30
Years Since 1970

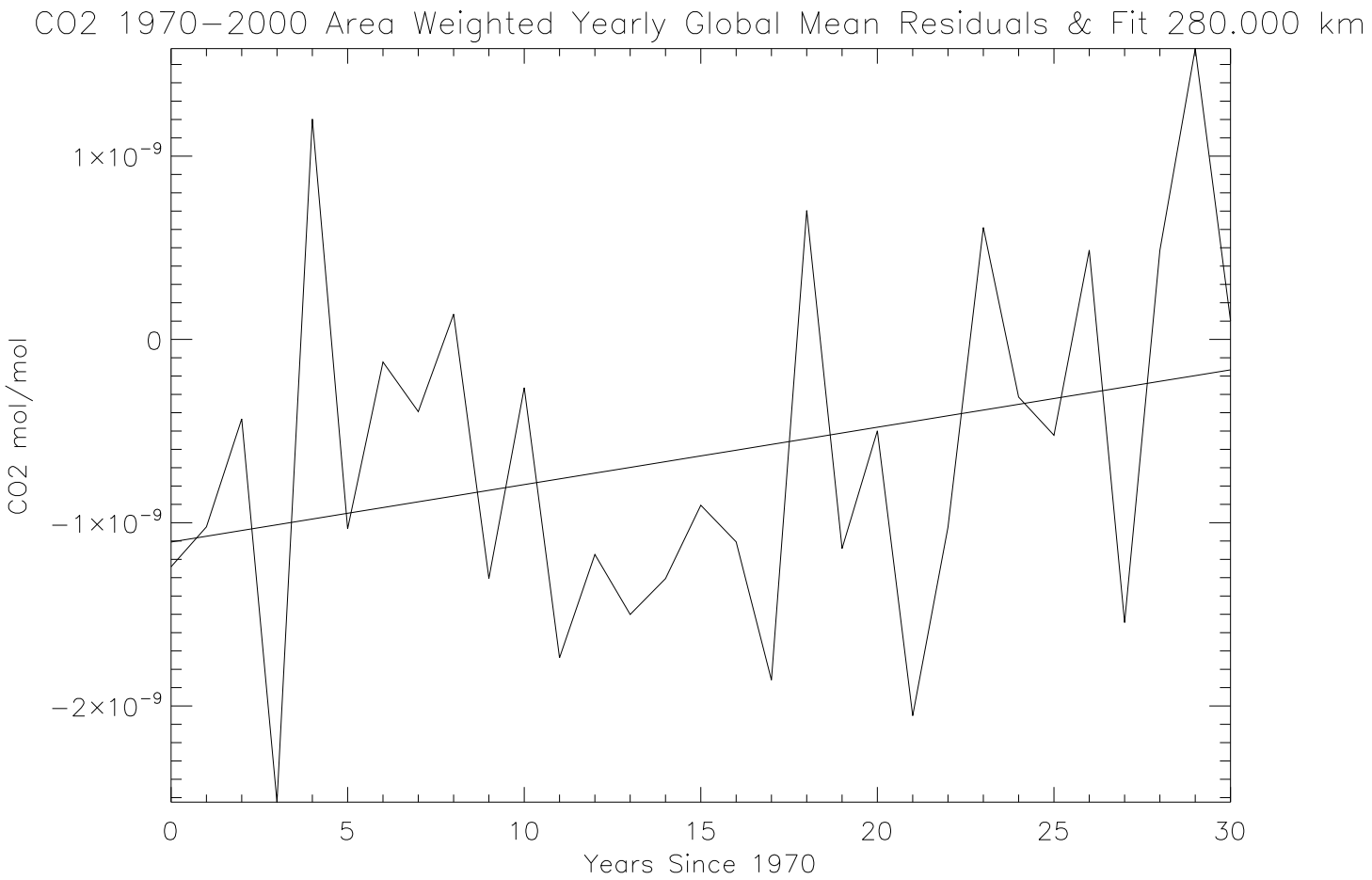

CO2 1955–2005 Area Weighted Yearly Global Mean Residuals & Fit 285.000 km
5×10⁻⁹
0
−5×10⁻⁹
CO2 mol/mol
0
10
20
30
40
50
Years Since 1955

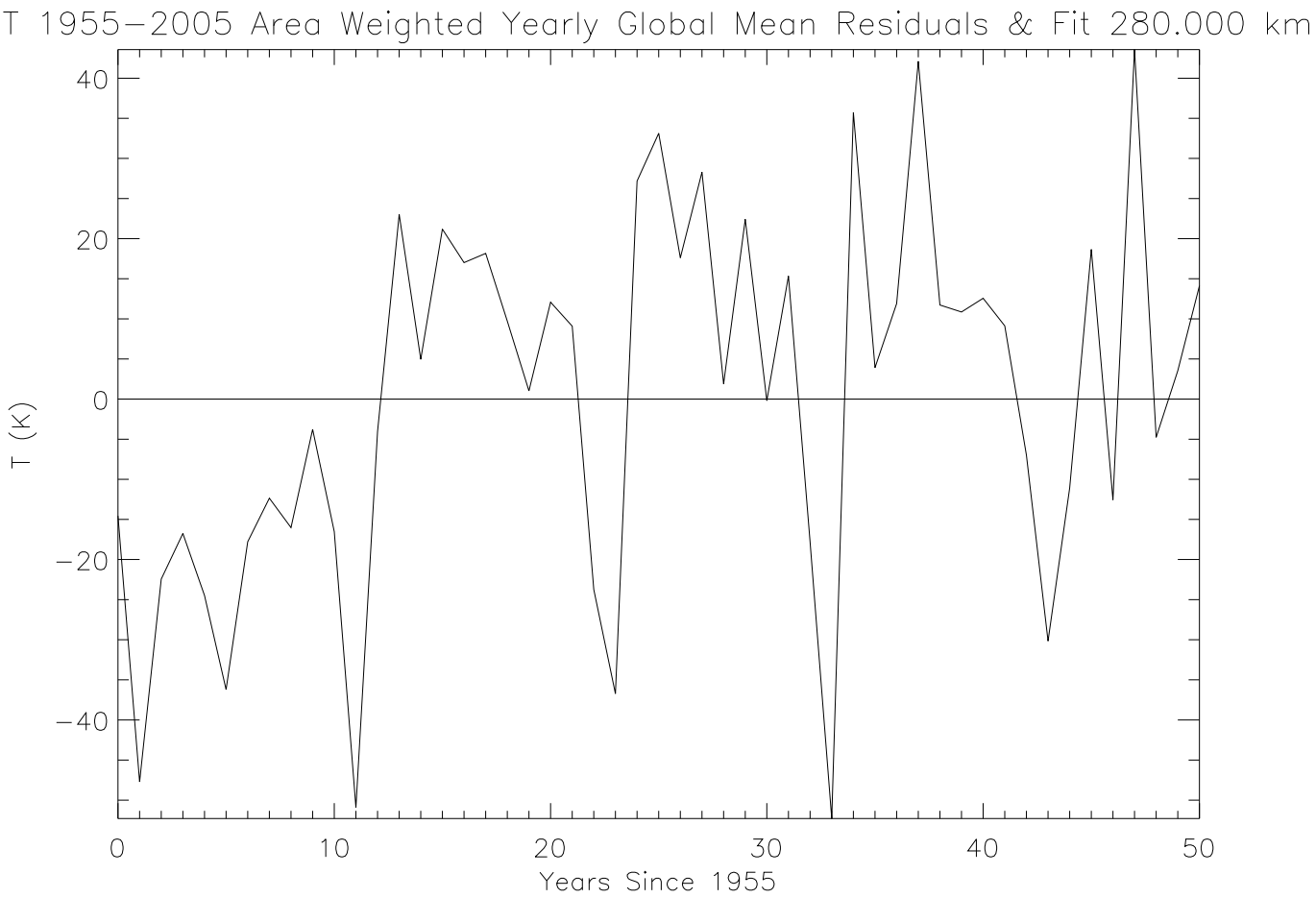

CO2 1970−2000 Area Weighted Yearly Global Mean Residuals & Fit 285.000 km
1×10⁻⁹
0
−1×10⁻⁹
−2×10⁻⁹
CO2 mol/mol
0
5
10
15
20
25
30
Years Since 1970

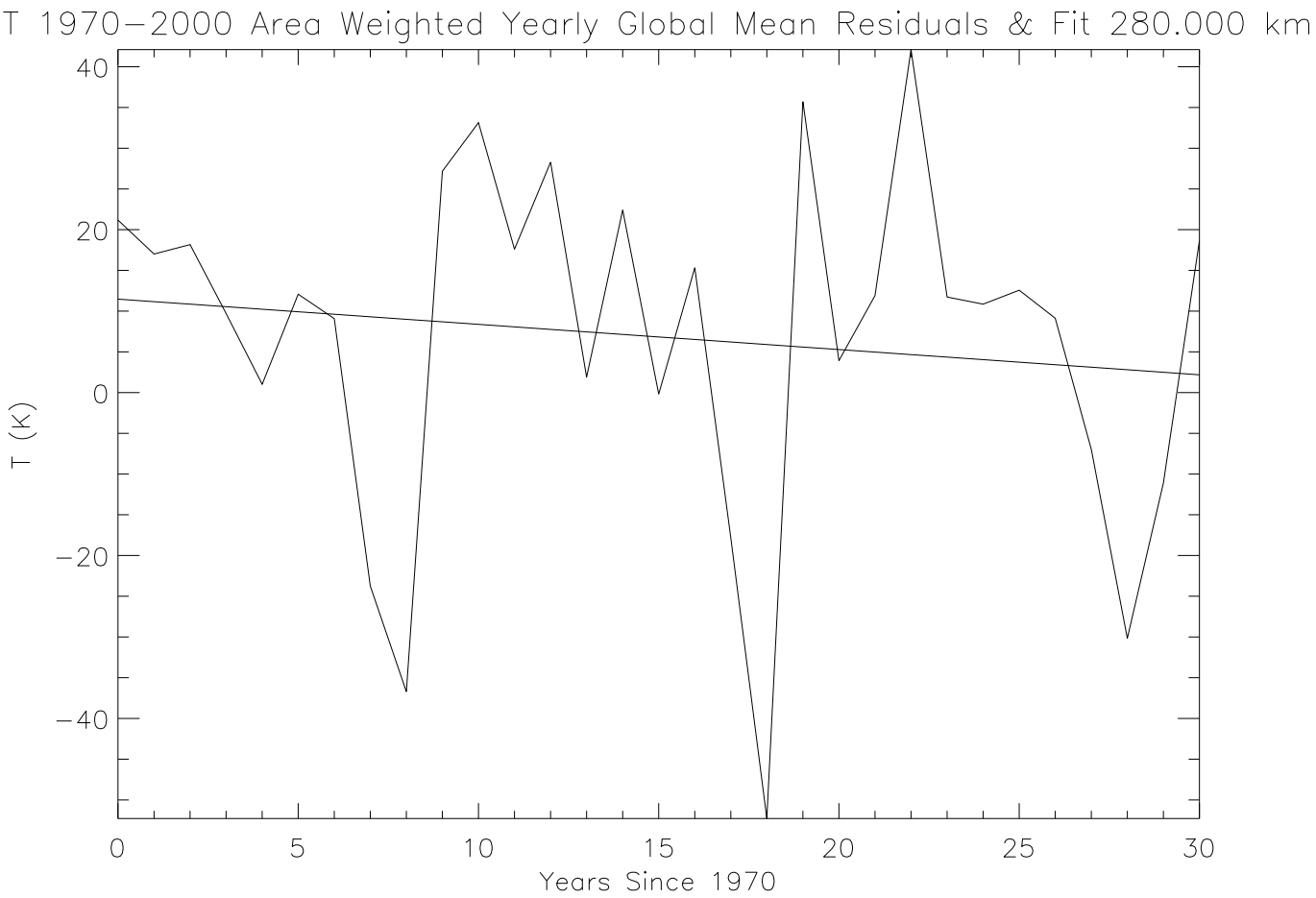

T 1955−2005 Area Weighted Yearly Global Mean Residuals & Fit 285.000 km
T (K)
40
20
0
−20
−40
0
10
20
30
40
50
Years Since 1955

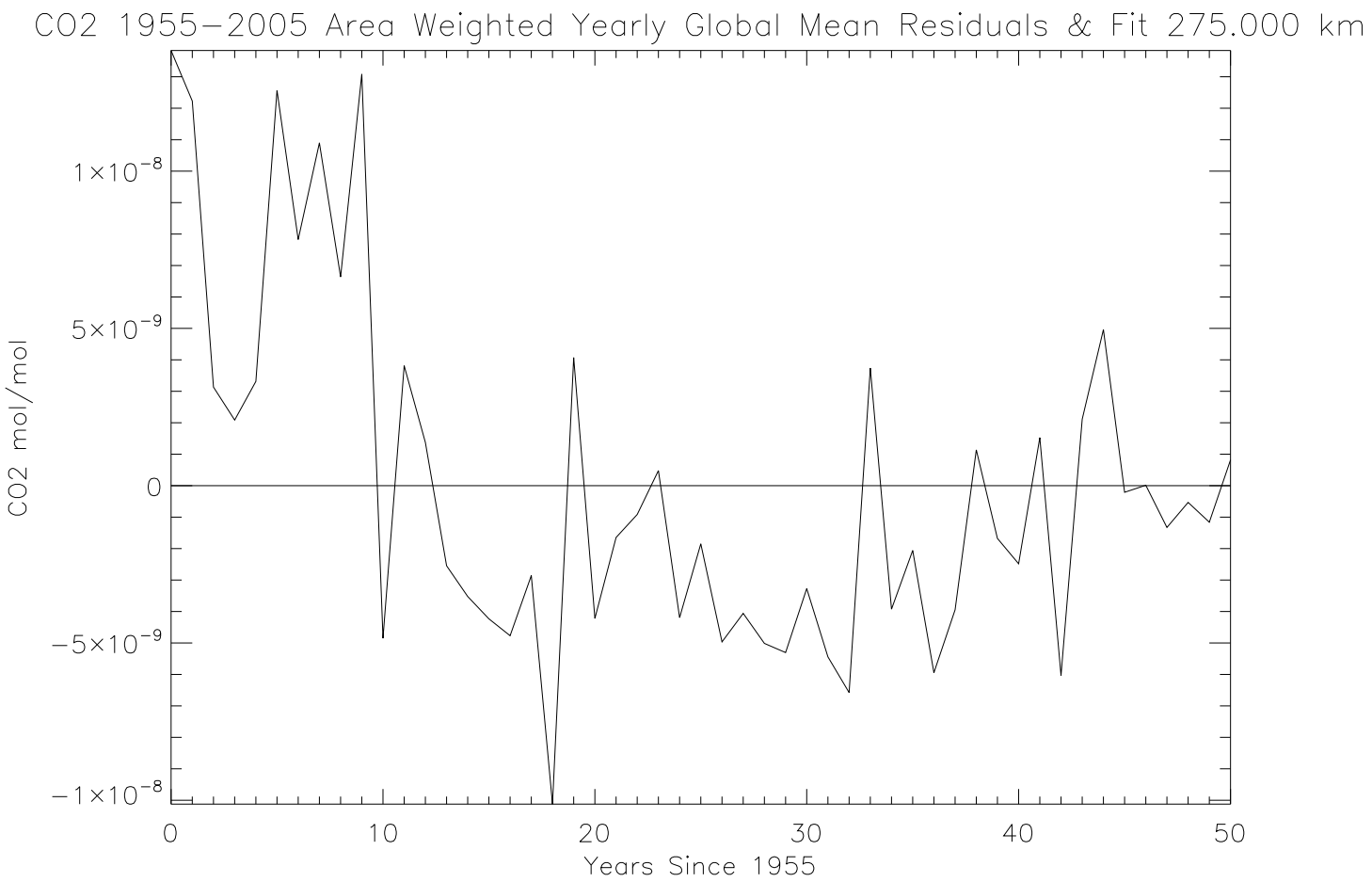

T 1970−2000 Area Weighted Yearly Global Mean Residuals & Fit 285.000 km
T (K)
40
20
0
−20
−40
0
5
10
15
20
25
30
Years Since 1970

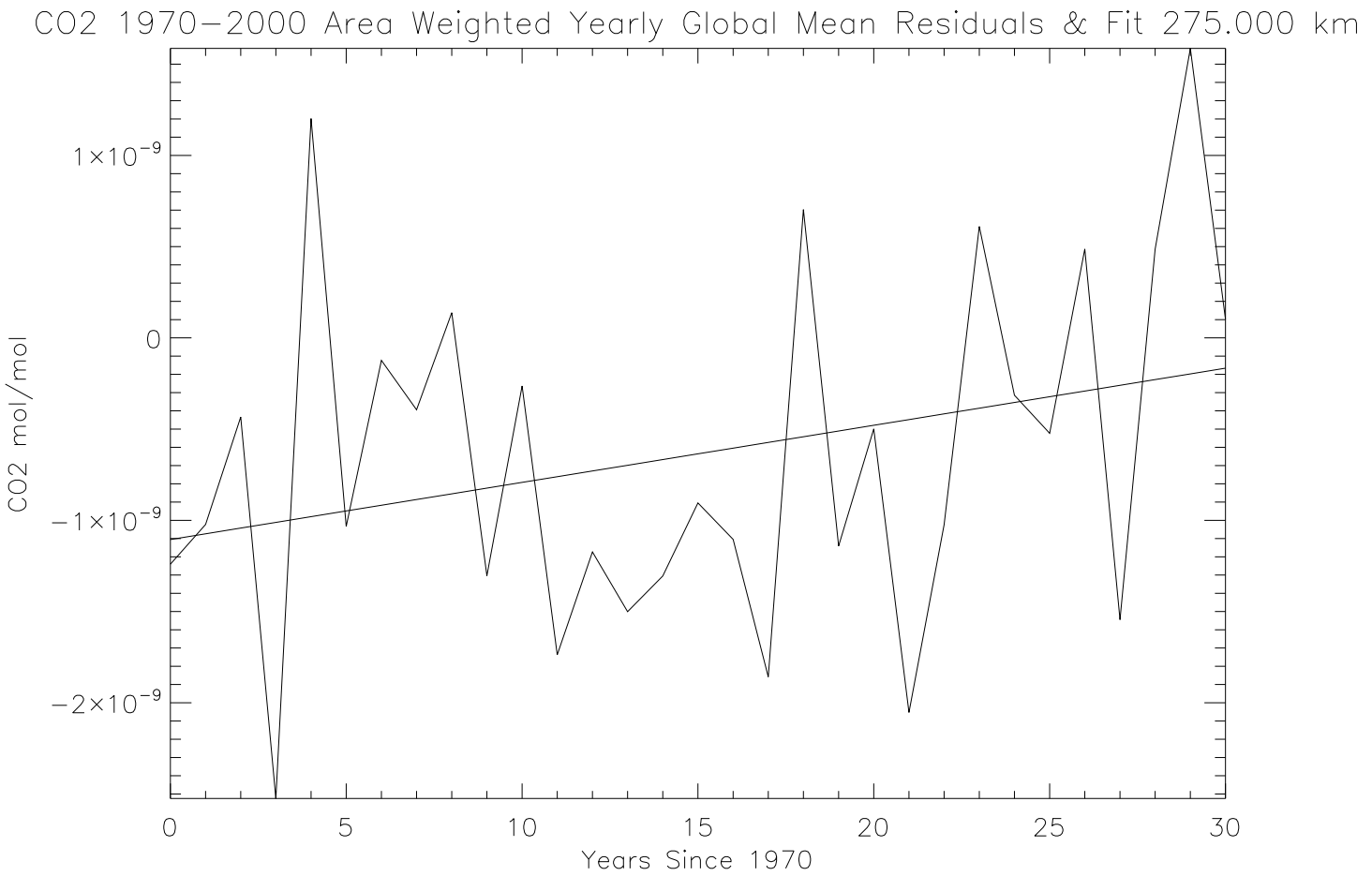

CO2 1955–2005 Area Weighted Yearly Global Mean Residuals & Fit 280.000 km
1×10^-8
5×10^-9
0
−5×10^-9
CO2 mol/mol
0
10
20
30
40
50
Years Since 1955

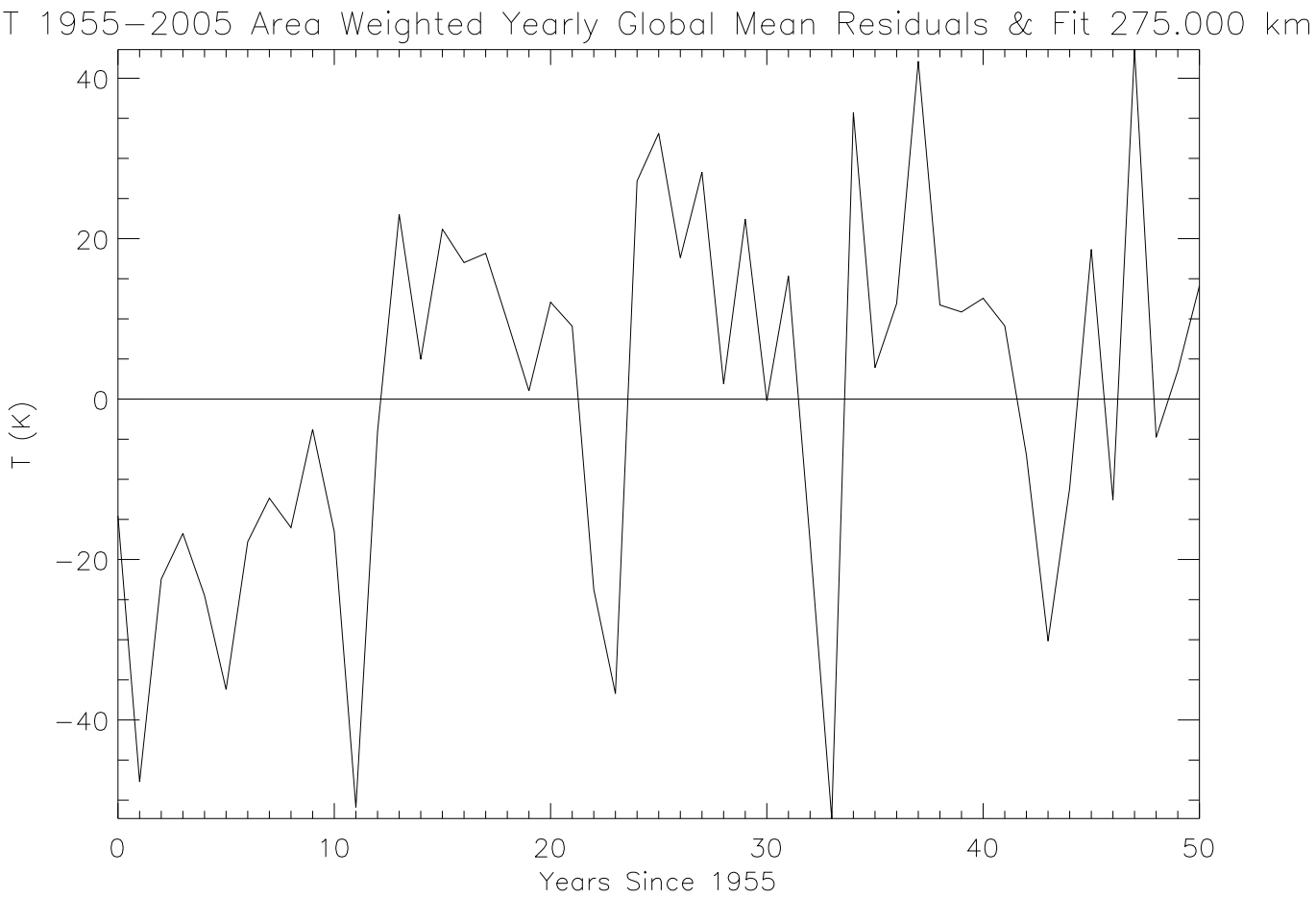

CO2 1970−2000 Area Weighted Yearly Global Mean Residuals & Fit 280.000 km
1×10⁻⁹
0
−1×10⁻⁹
−2×10⁻⁹
CO2 mol/mol
0
5
10
15
20
25
30
Years Since 1970

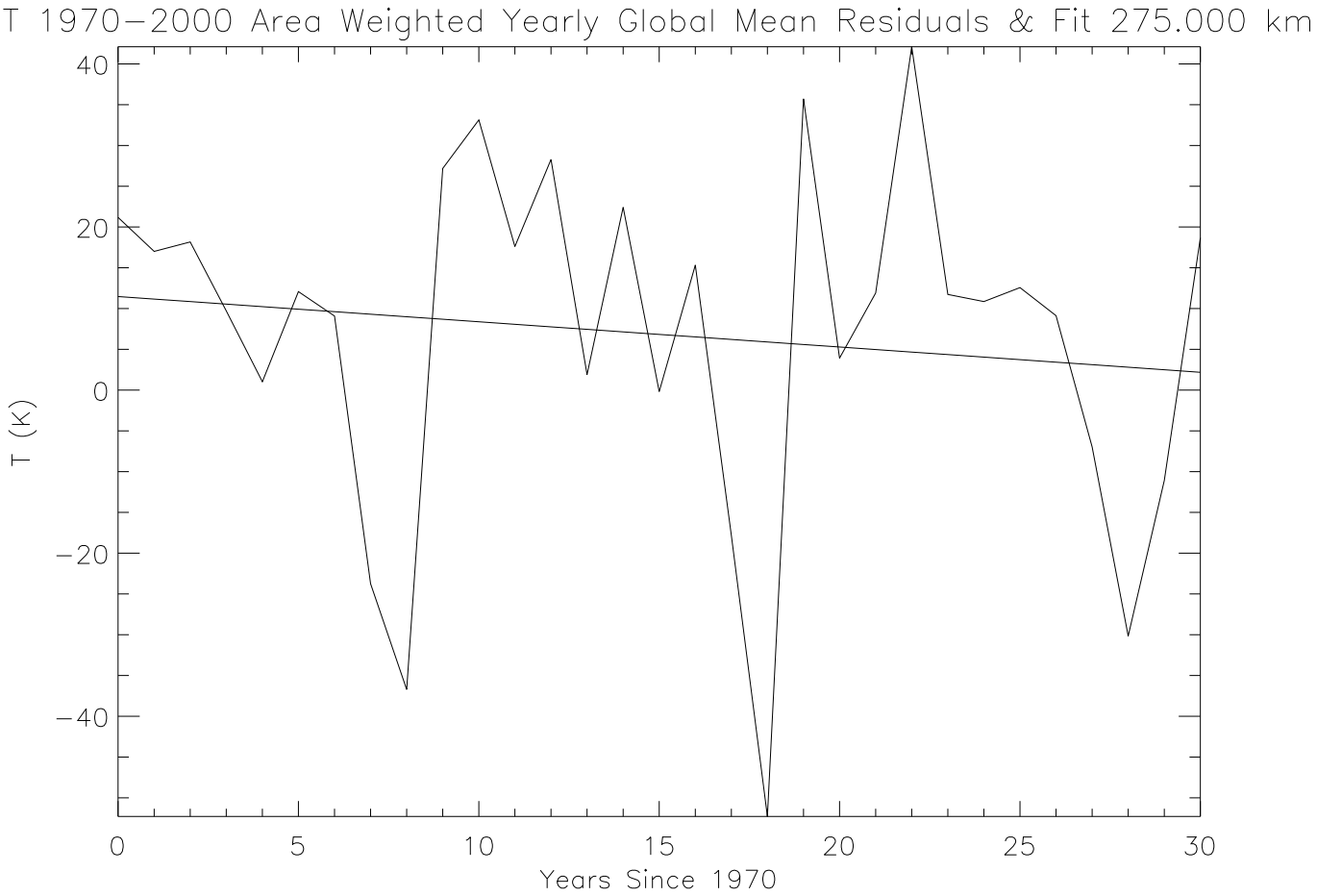

T 1955−2005 Area Weighted Yearly Global Mean Residuals & Fit 280.000 km
T (K)
40
20
0
−20
−40
0
10
20
30
40
50
Years Since 1955

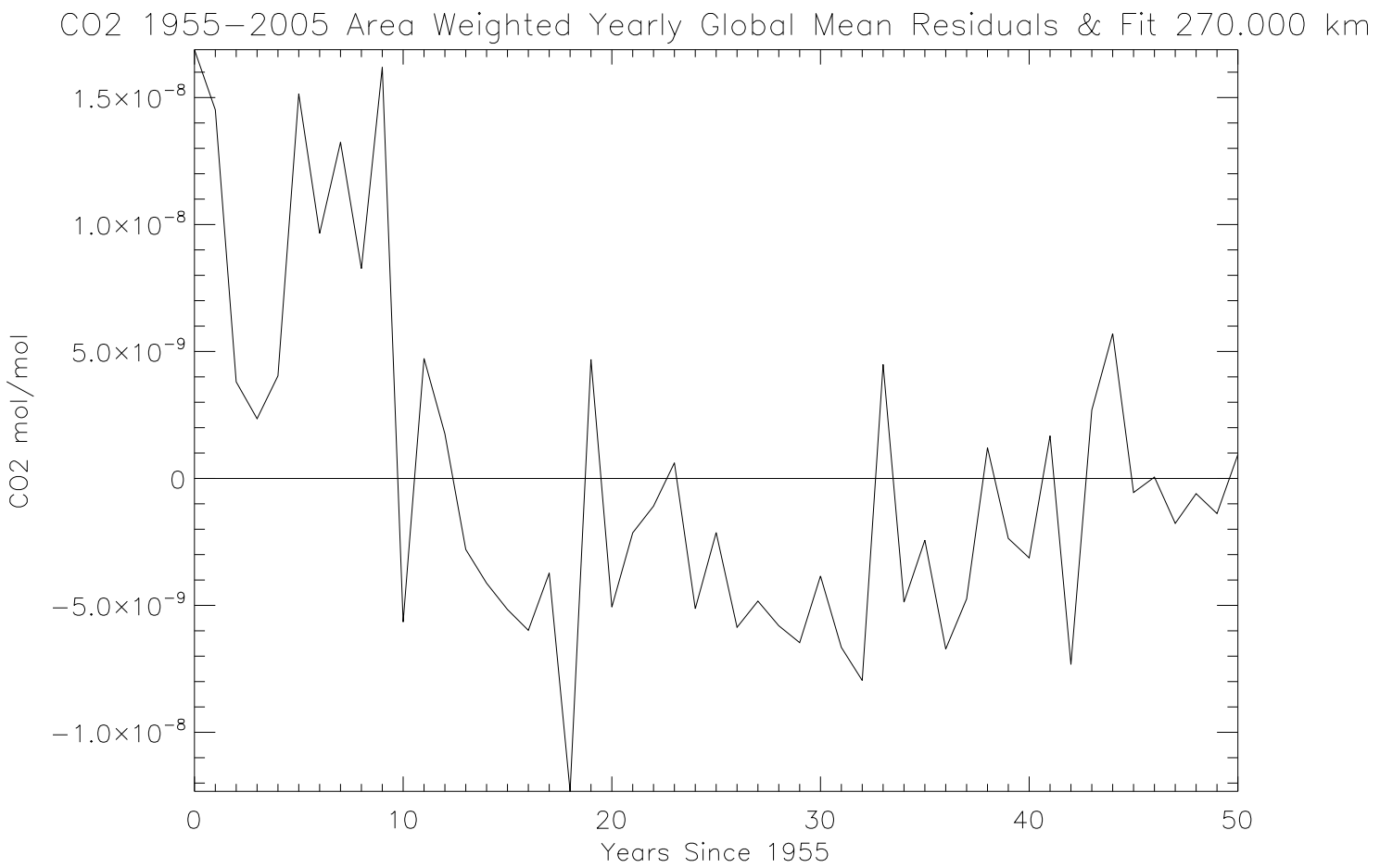

T 1970−2000 Area Weighted Yearly Global Mean Residuals & Fit 280.000 km
T (K)
40
20
0
−20
−40
0
5
10
15
20
25
30
Years Since 1970

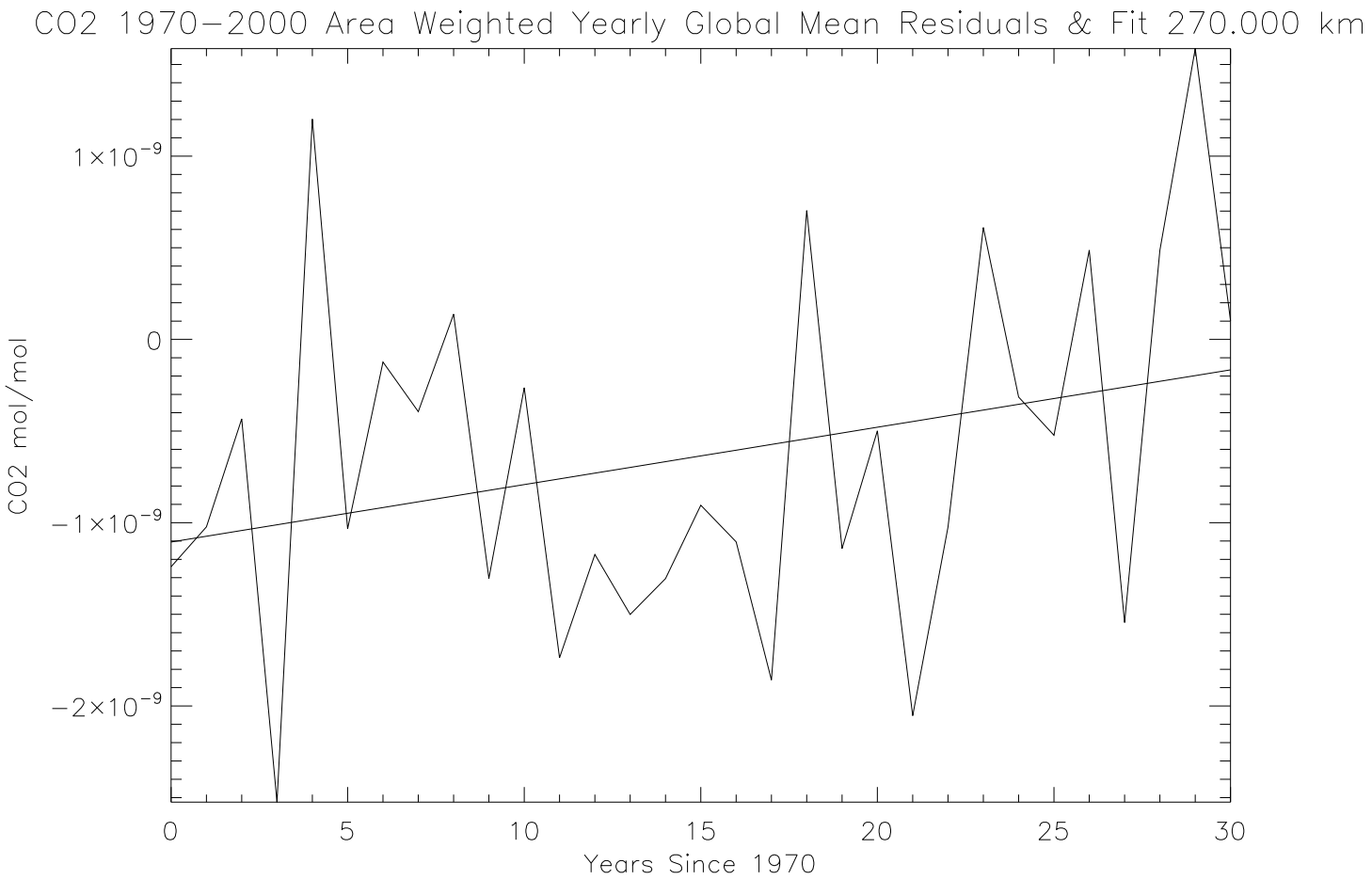

CO2 1955–2005 Area Weighted Yearly Global Mean Residuals & Fit 275.000 km
CO2 mol/mol
1×10⁻⁸
5×10⁻⁹
0
−5×10⁻⁹
−1×10⁻⁸
0
10
20
30
40
50
Years Since 1955

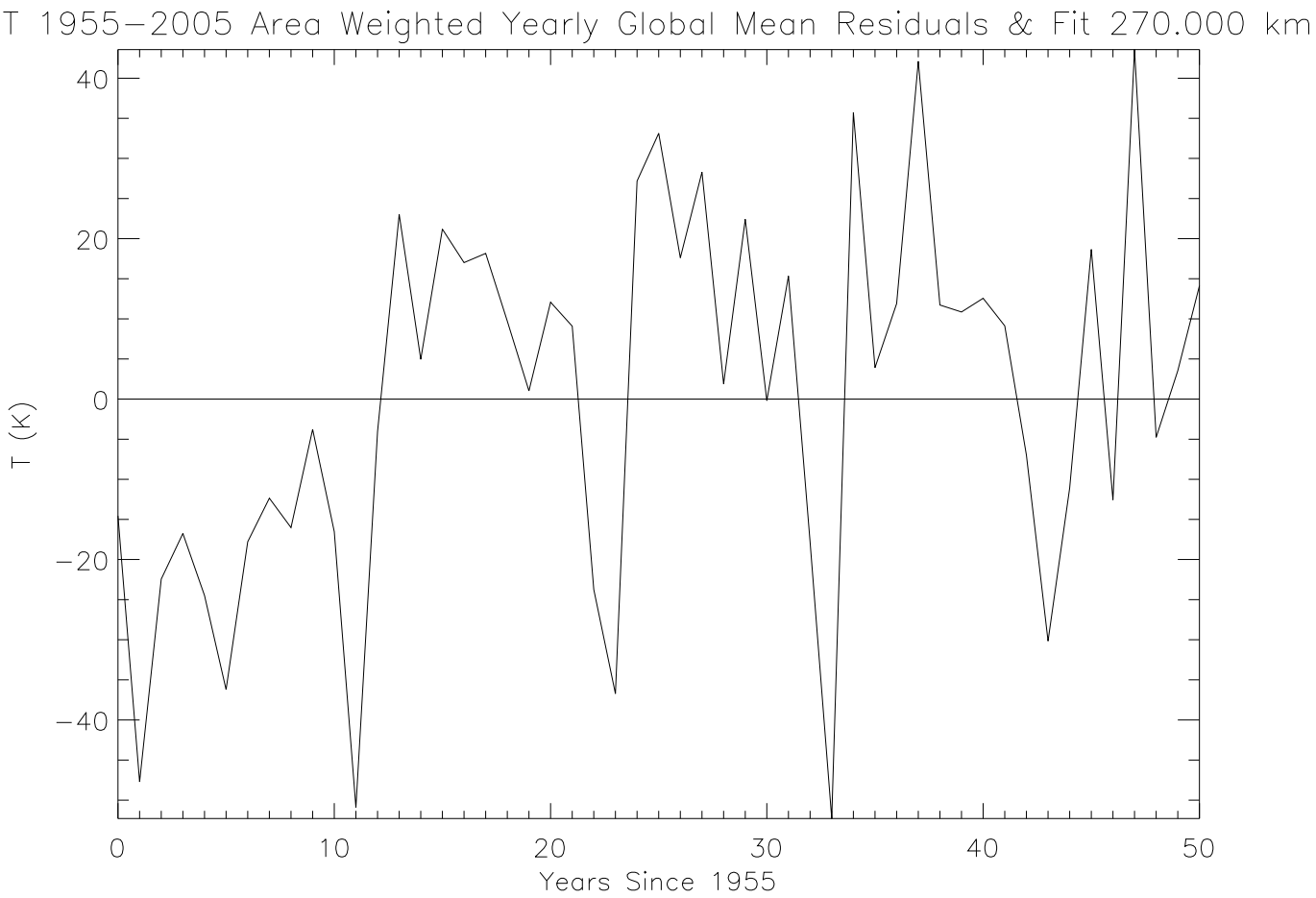

CO2 1970–2000 Area Weighted Yearly Global Mean Residuals & Fit 275.000 km
1×10⁻⁹
0
−1×10⁻⁹
−2×10⁻⁹
CO2 mol/mol
0
5
10
15
20
25
30
Years Since 1970

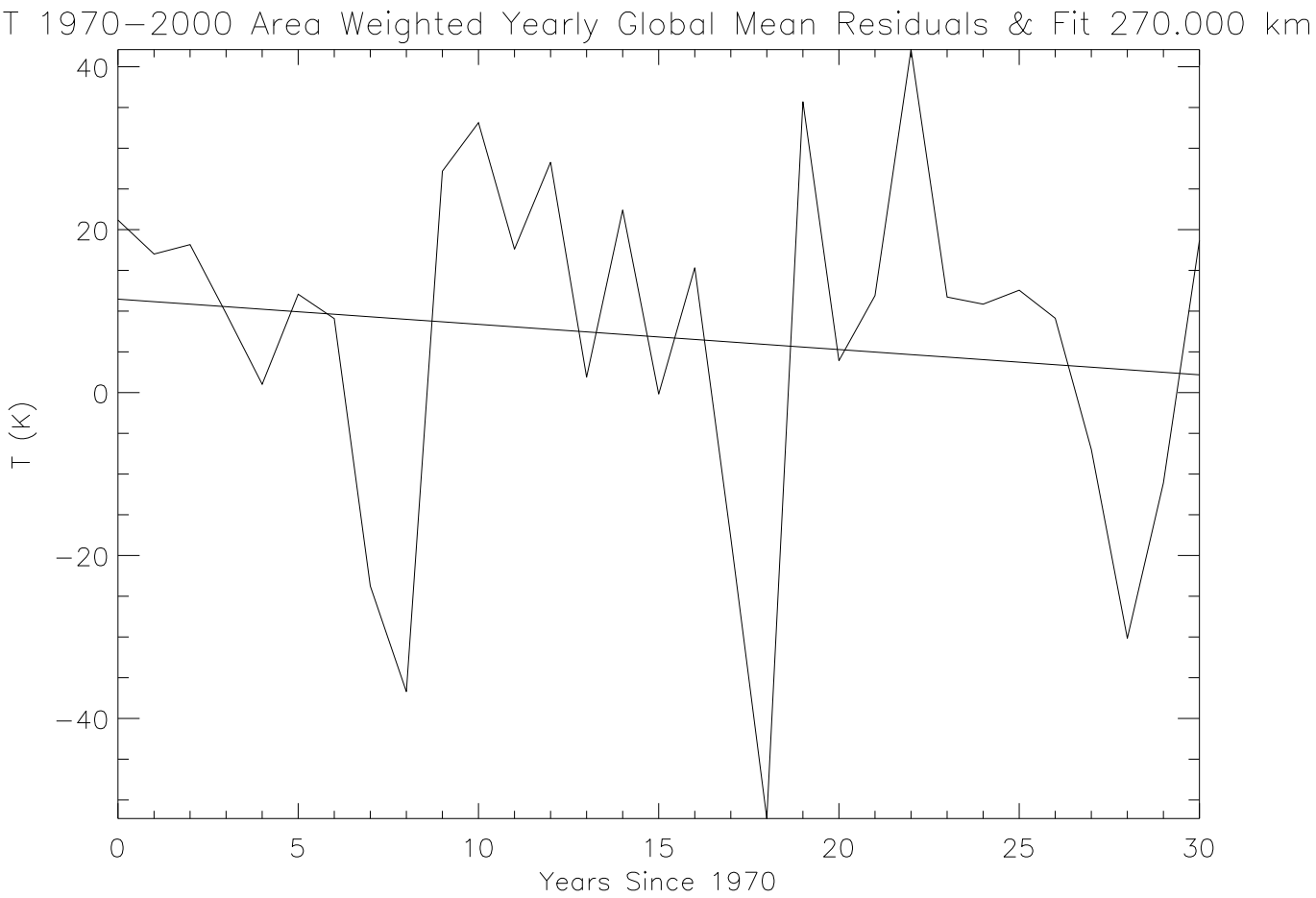

T 1955−2005 Area Weighted Yearly Global Mean Residuals & Fit 275.000 km
T (K)
40
20
0
−20
−40
0
10
20
30
40
50
Years Since 1955

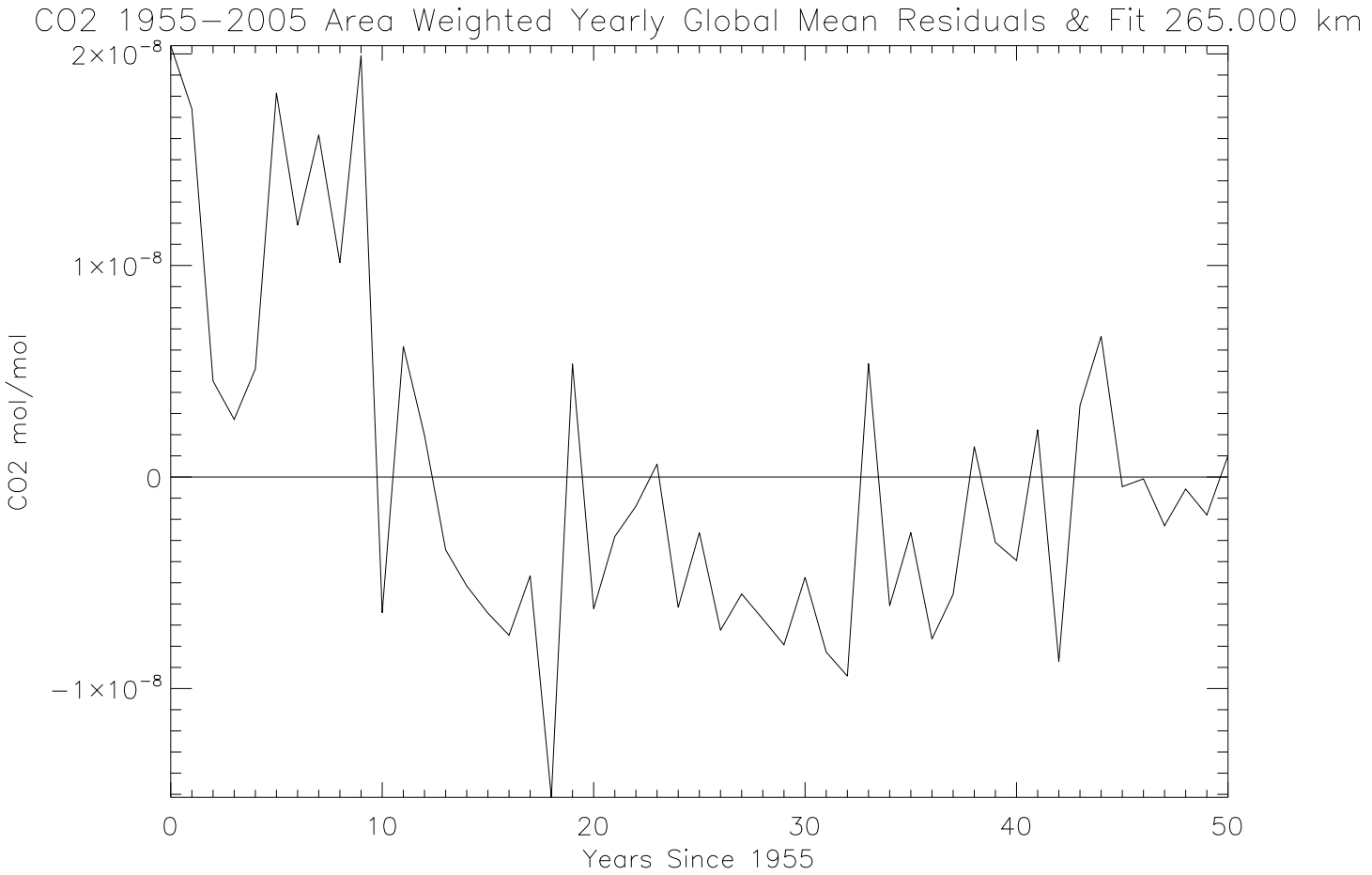

T 1970−2000 Area Weighted Yearly Global Mean Residuals & Fit 275.000 km
T (K)
40
20
0
−20
−40
0
5
10
15
20
25
30
Years Since 1970

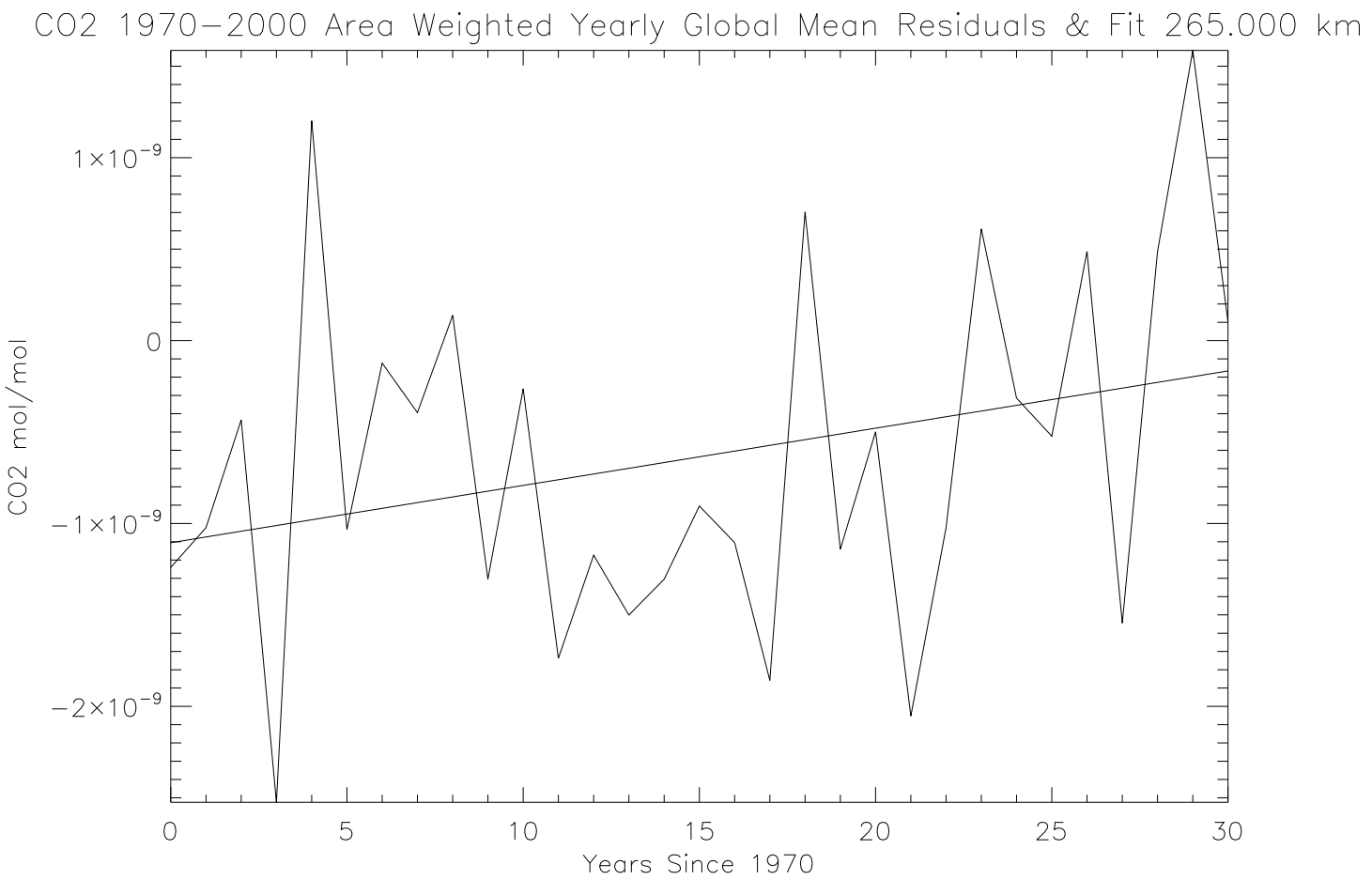

CO2 1955–2005 Area Weighted Yearly Global Mean Residuals & Fit 270.000 km
1.5×10⁻⁸
1.0×10⁻⁸
5.0×10⁻⁹
0
−5.0×10⁻⁹
−1.0×10⁻⁸
CO2 mol/mol
0
10
20
30
40
50
Years Since 1955

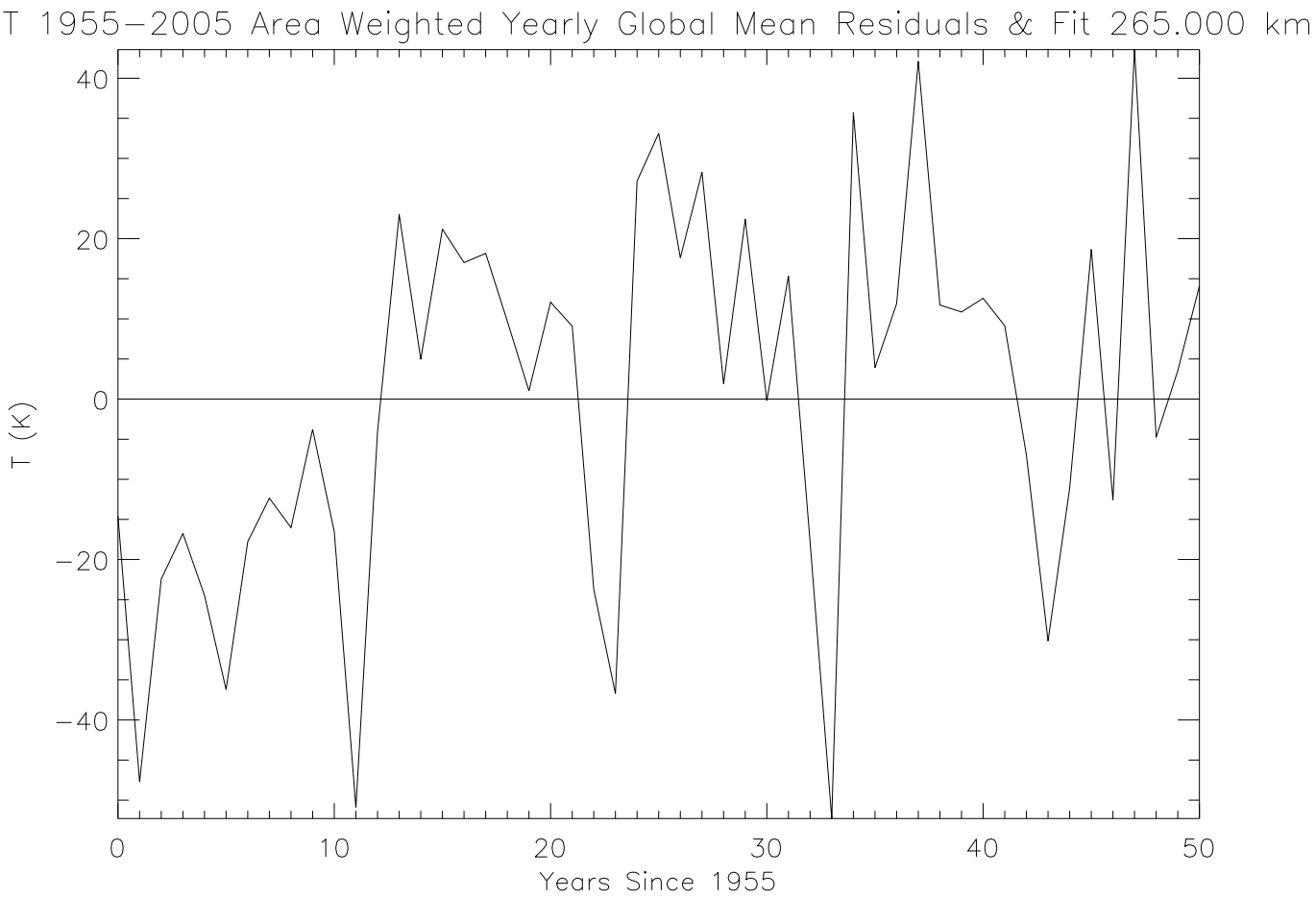

CO2 1970−2000 Area Weighted Yearly Global Mean Residuals & Fit 270.000 km
1×10⁻⁹
0
−1×10⁻⁹
−2×10⁻⁹
CO2 mol/mol
0
5
10
15
20
25
30
Years Since 1970

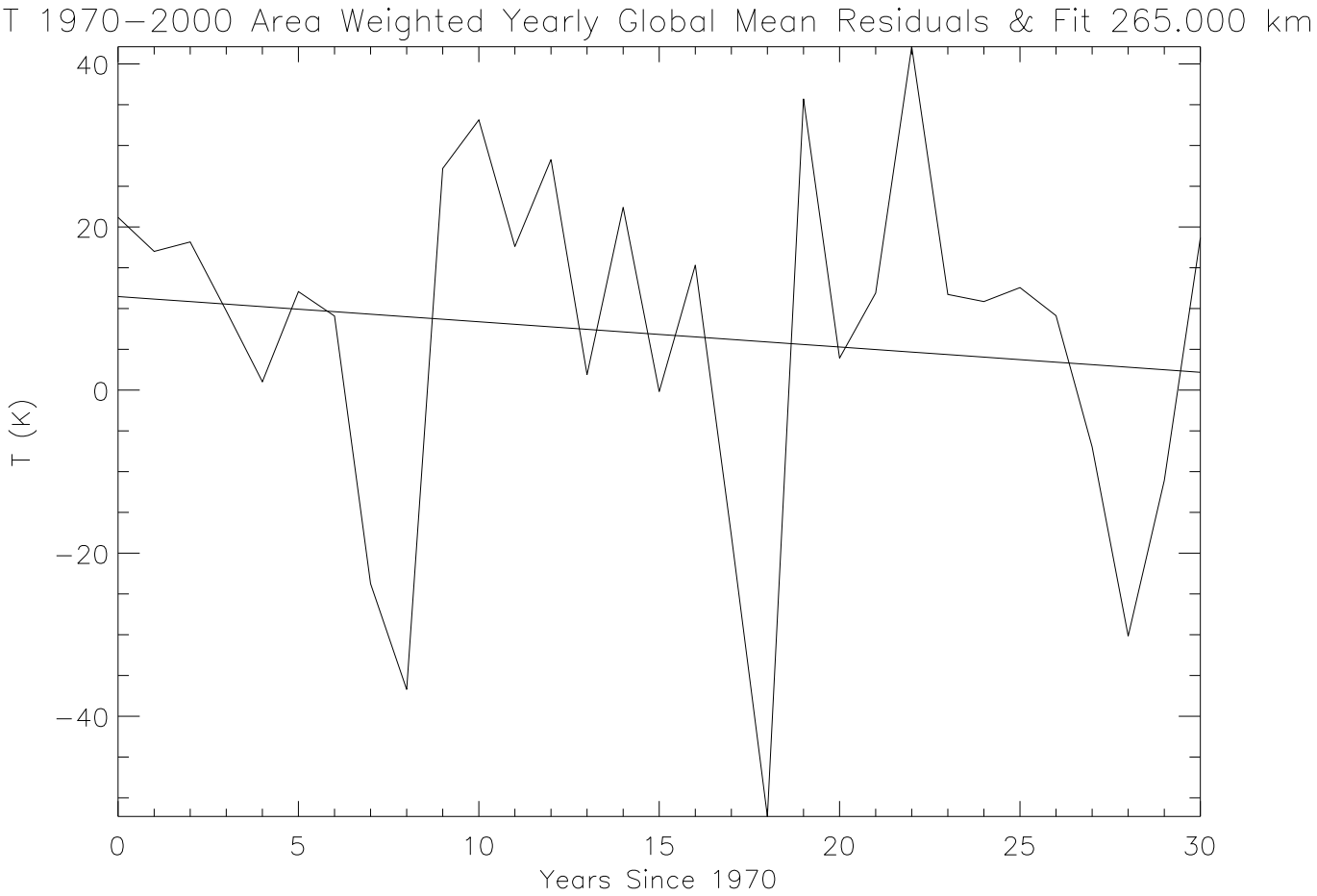

T 1955−2005 Area Weighted Yearly Global Mean Residuals & Fit 270.000 km
T (K)
40
20
0
−20
−40
0
10
20
30
40
50
Years Since 1955

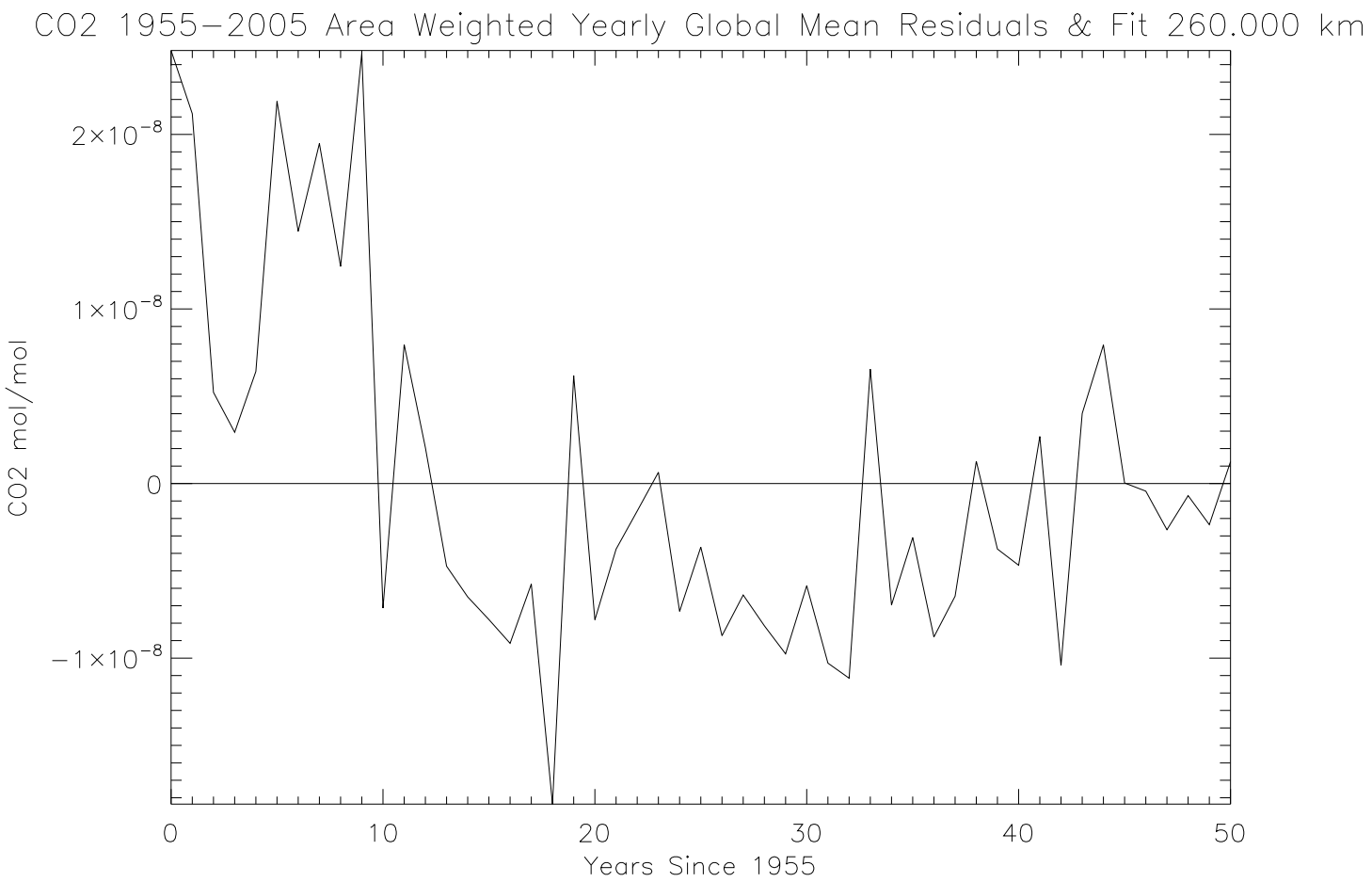

T 1970−2000 Area Weighted Yearly Global Mean Residuals & Fit 270.000 km
T (K)
40
20
0
−20
−40
0
5
10
15
20
25
30
Years Since 1970

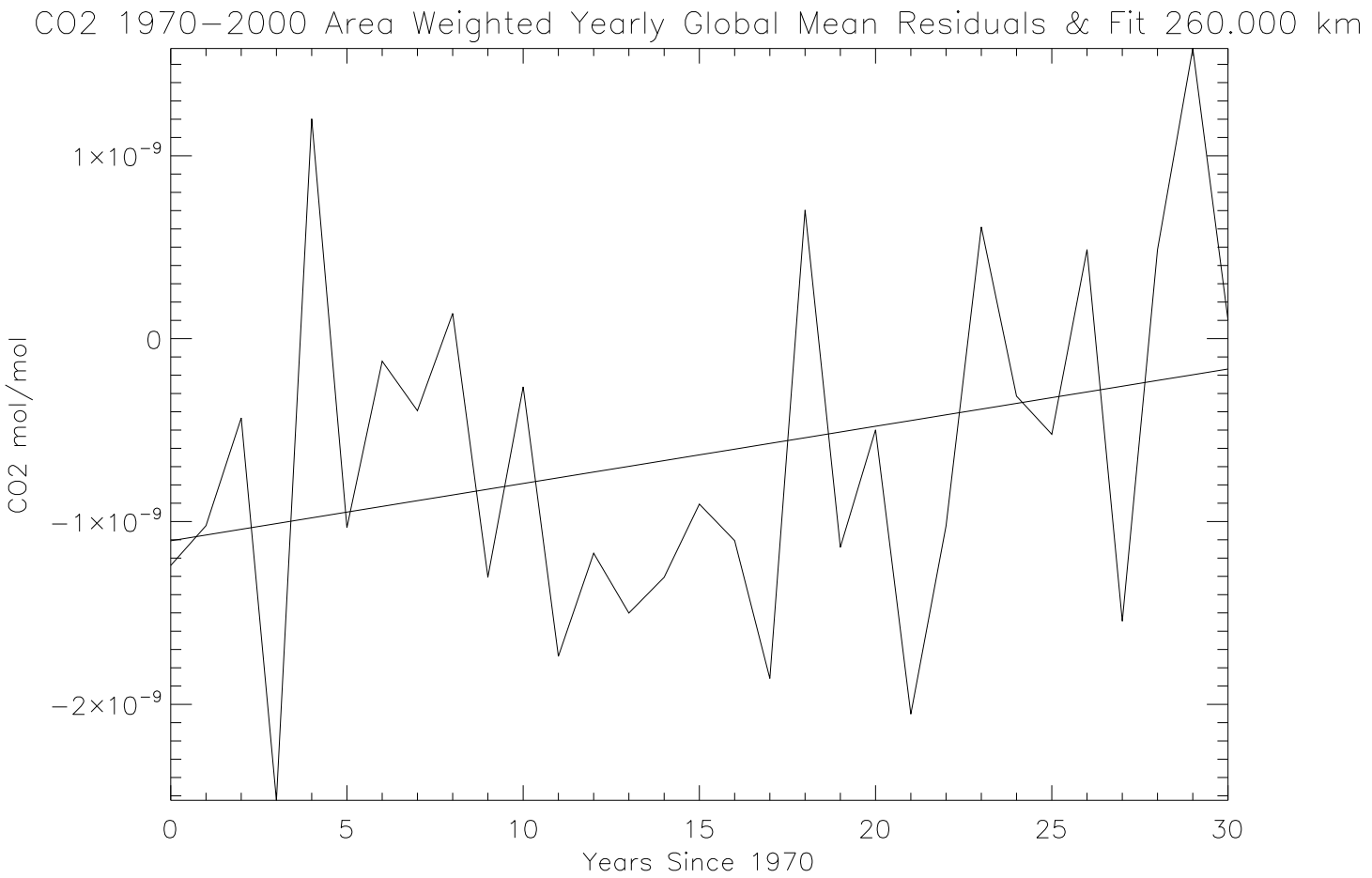

CO2 1955–2005 Area Weighted Yearly Global Mean Residuals & Fit 265.000 km
2×10^-8
1×10^-8
0
−1×10^-8
CO2 mol/mol
0
10
20
30
40
50
Years Since 1955

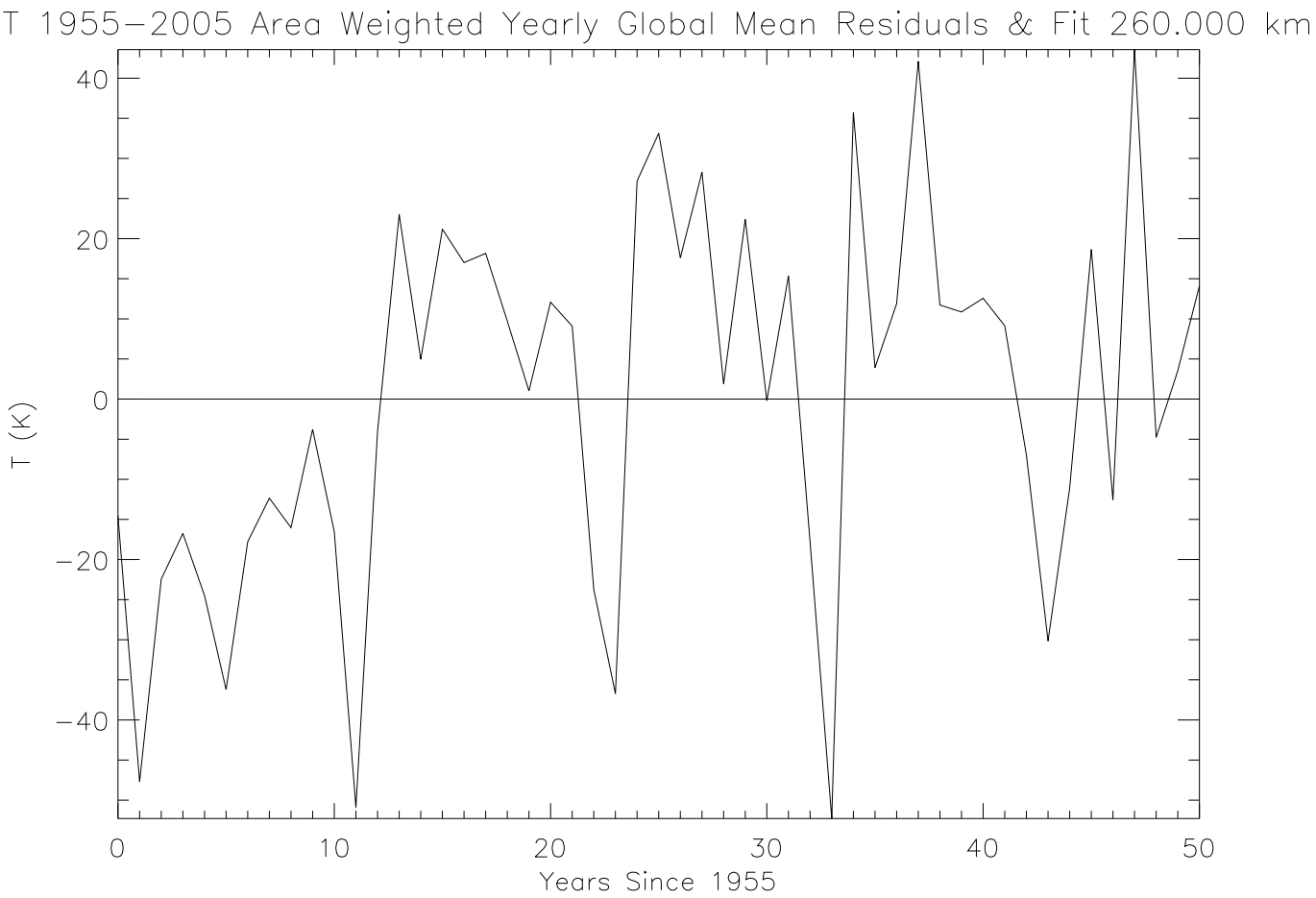

CO2 1970−2000 Area Weighted Yearly Global Mean Residuals & Fit 265.000 km
1×10⁻⁹
0
−1×10⁻⁹
−2×10⁻⁹
CO2 mol/mol
0
5
10
15
20
25
30
Years Since 1970

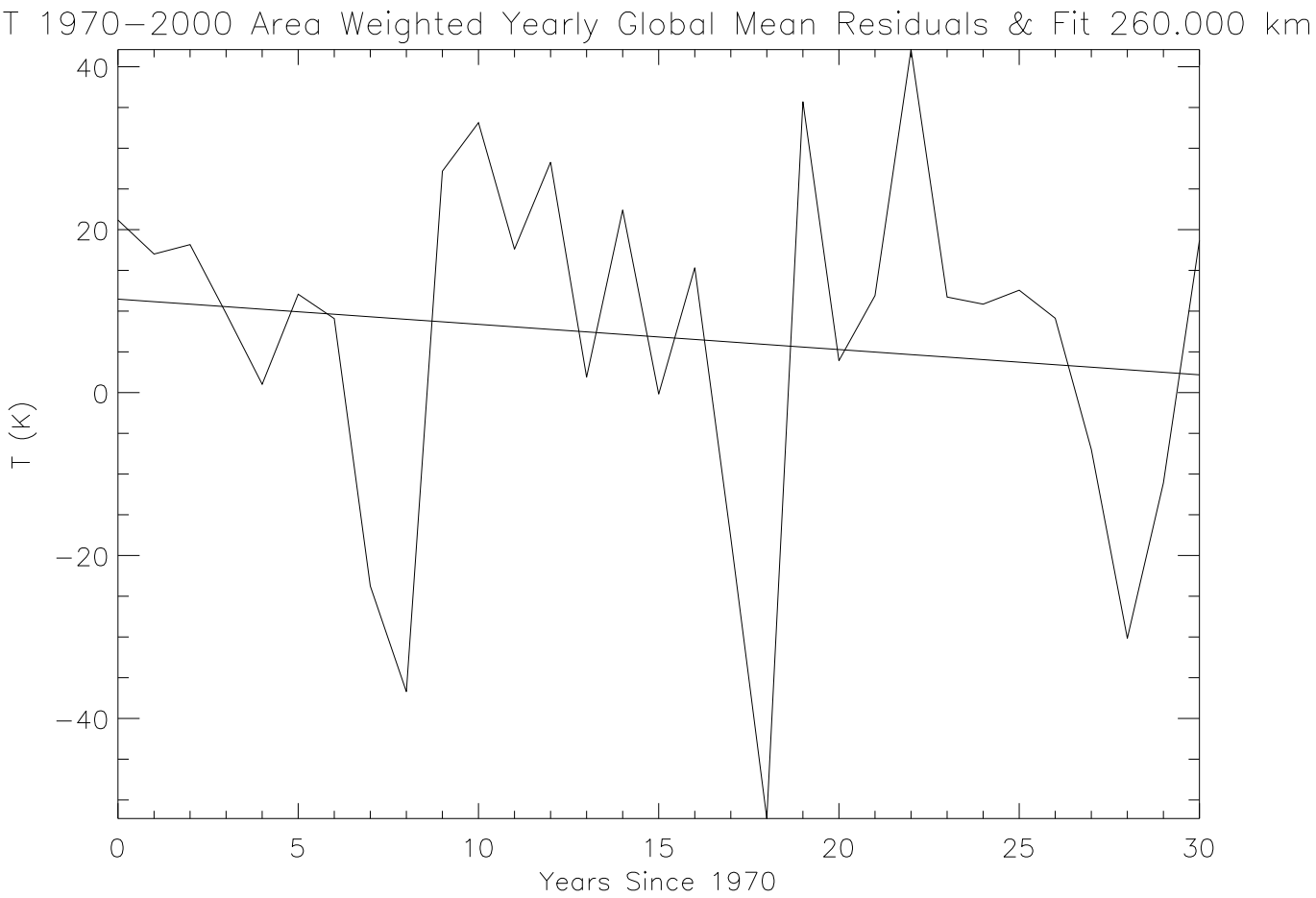

T 1955−2005 Area Weighted Yearly Global Mean Residuals & Fit 265.000 km
T (K)
40
20
0
−20
−40
0
10
20
30
40
50
Years Since 1955

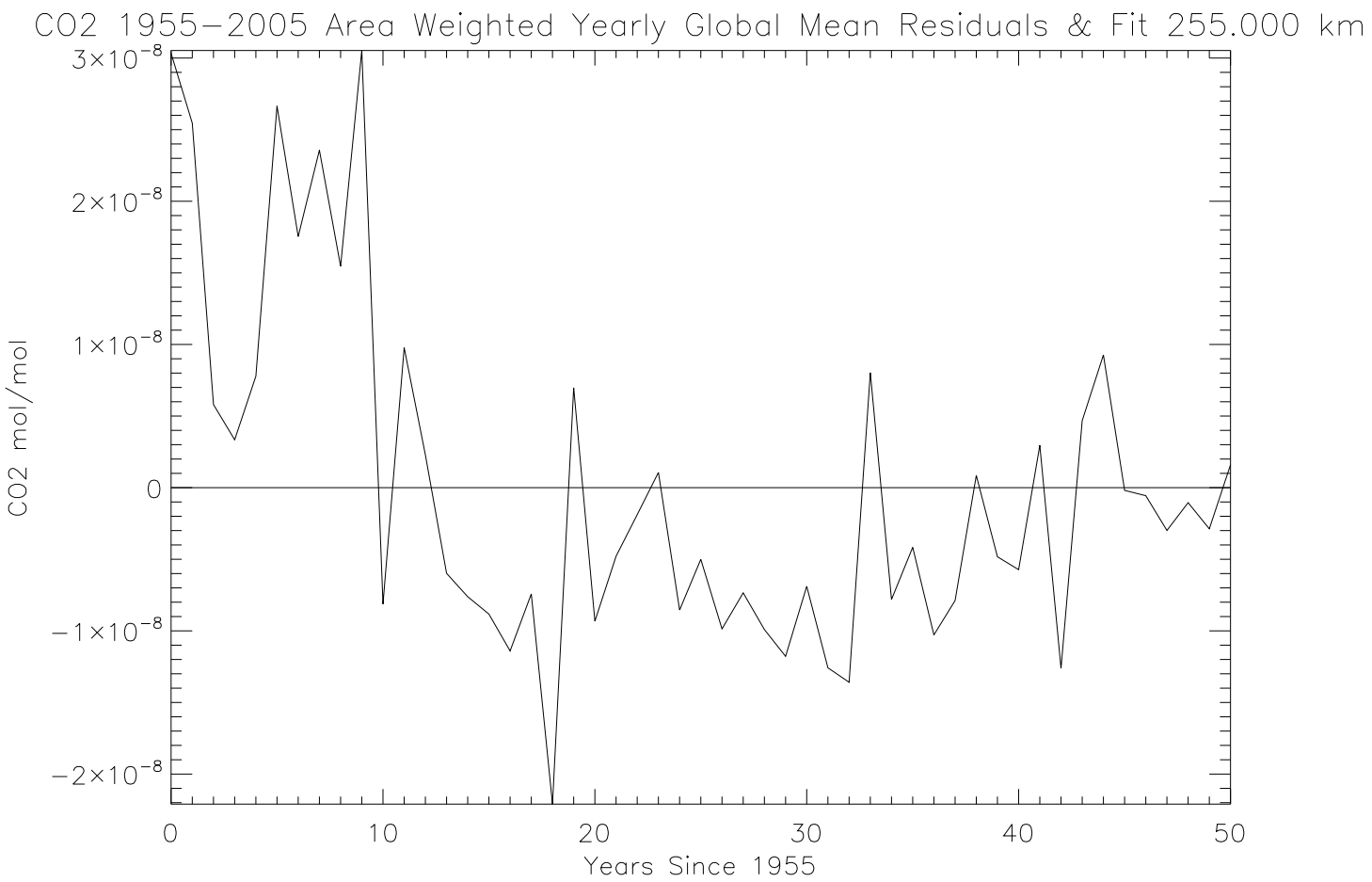

T 1970−2000 Area Weighted Yearly Global Mean Residuals & Fit 265.000 km
T (K)
40
20
0
−20
−40
0
5
10
15
20
25
30
Years Since 1970

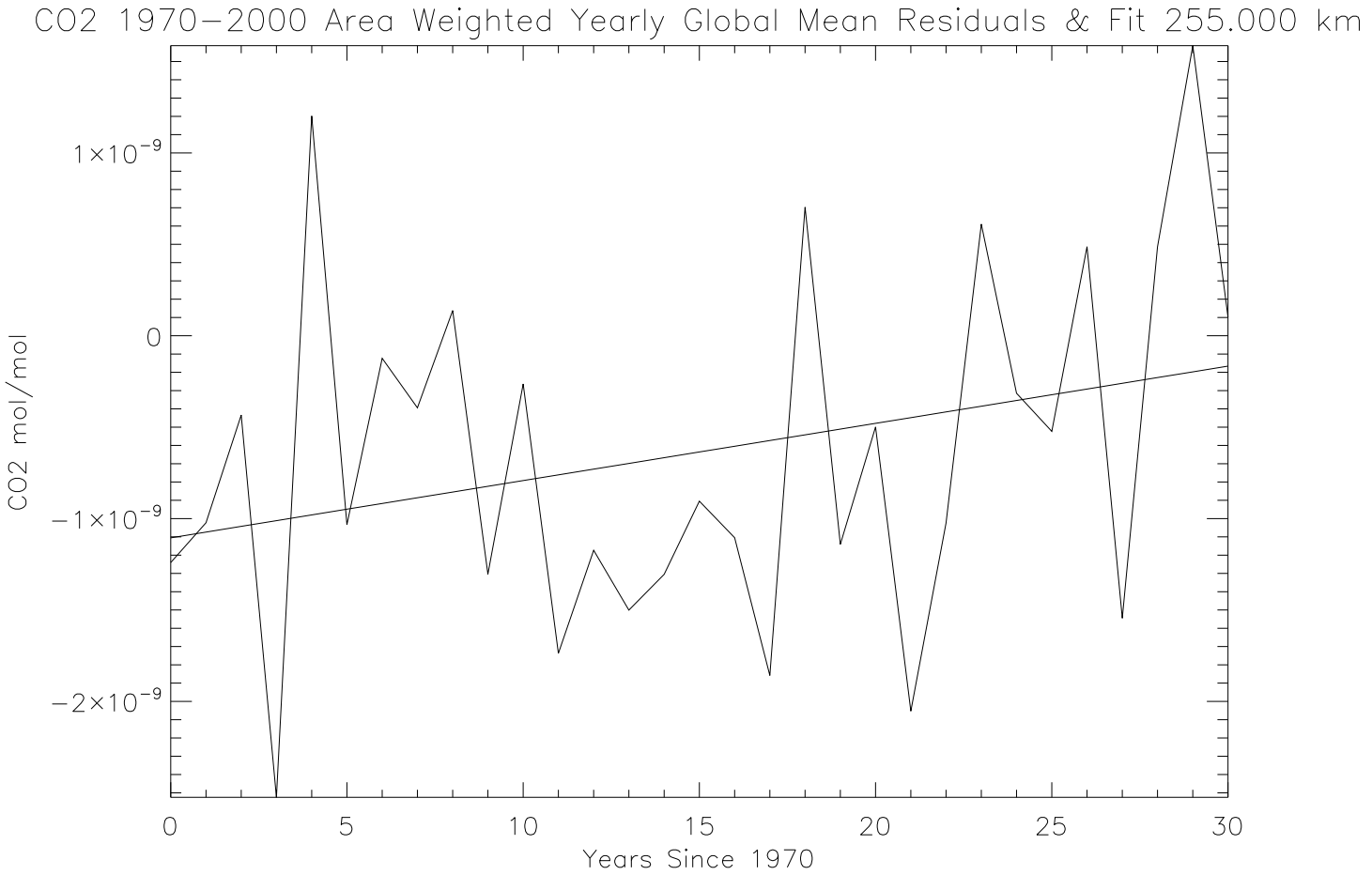

CO2 1955–2005 Area Weighted Yearly Global Mean Residuals & Fit 260.000 km
2×10⁻⁸
1×10⁻⁸
0
−1×10⁻⁸
CO2 mol/mol
0
10
20
30
40
50
Years Since 1955

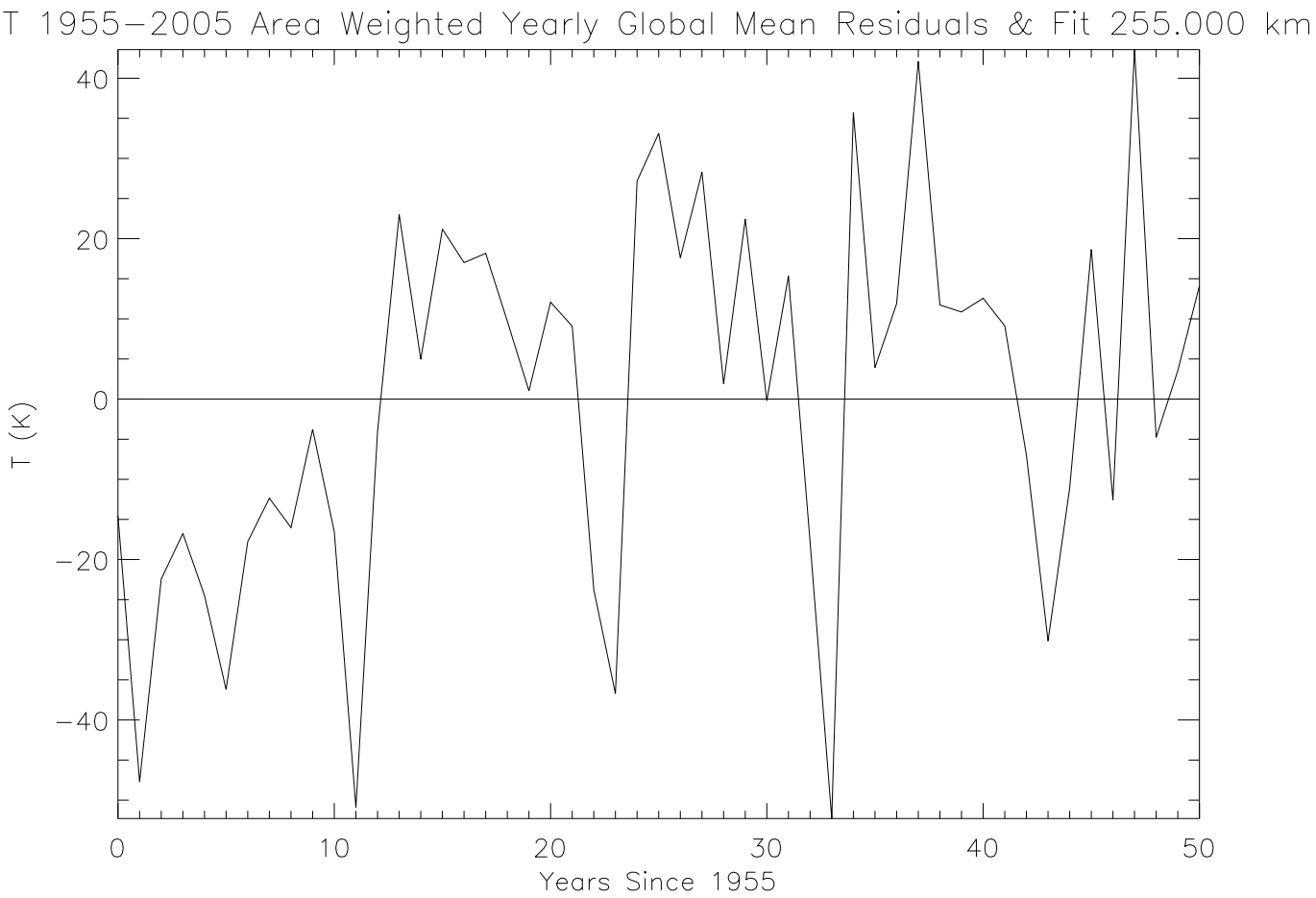

CO2 1970−2000 Area Weighted Yearly Global Mean Residuals & Fit 260.000 km
1×10⁻⁹
0
−1×10⁻⁹
−2×10⁻⁹
CO2 mol/mol
0
5
10
15
20
25
30
Years Since 1970

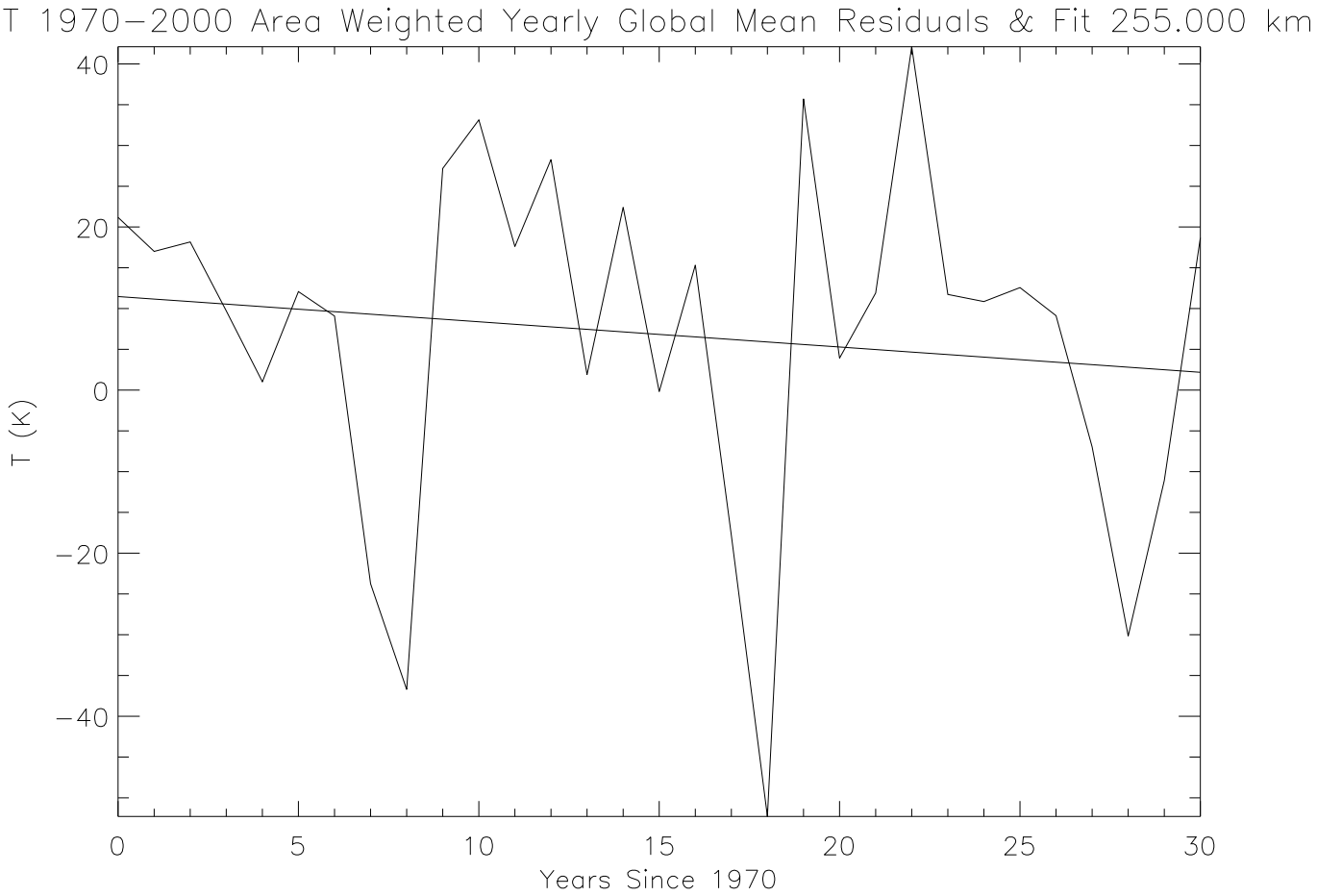

T 1955−2005 Area Weighted Yearly Global Mean Residuals & Fit 260.000 km
T (K)
40
20
0
−20
−40
0
10
20
30
40
50
Years Since 1955

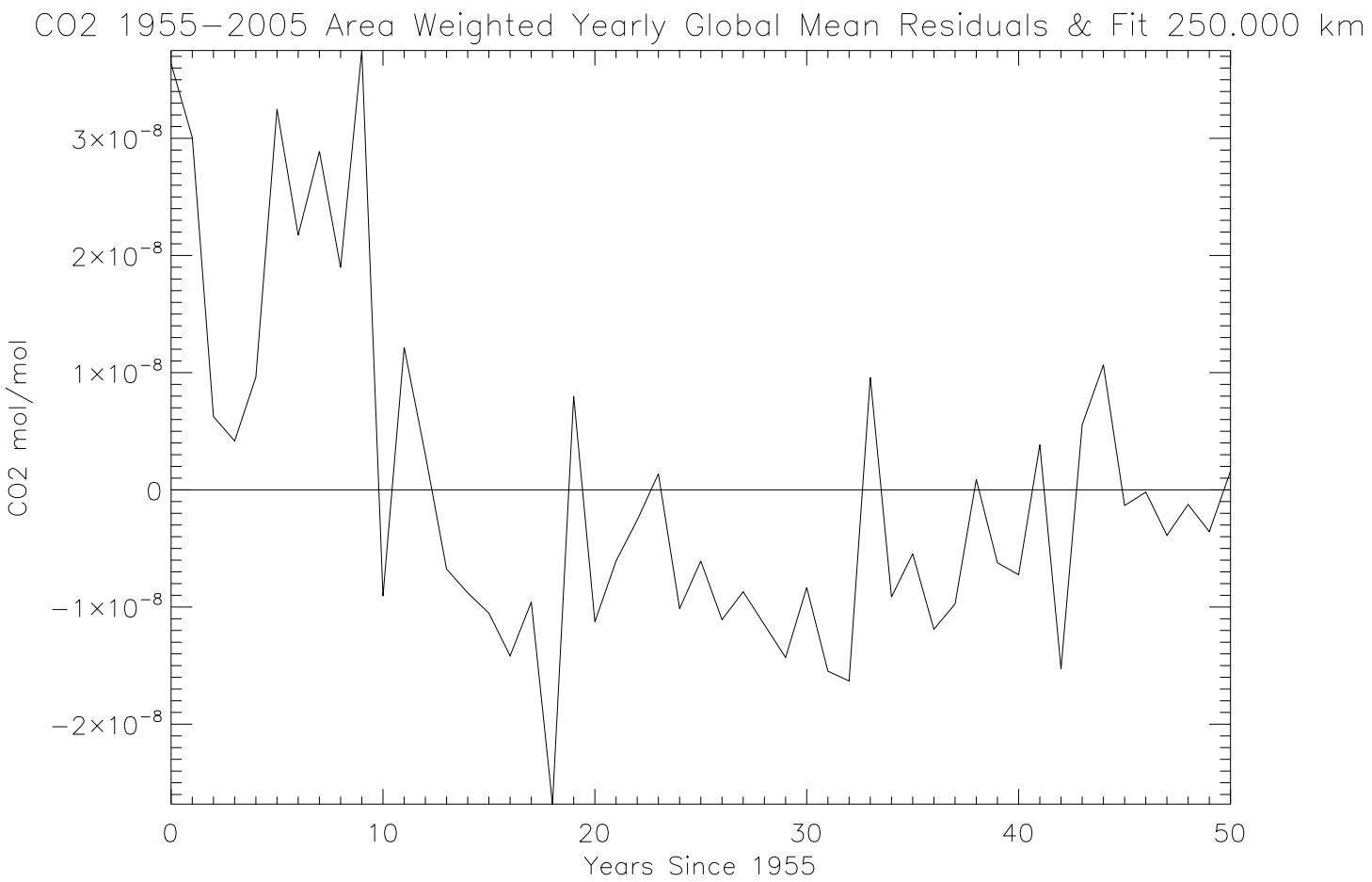

T 1970−2000 Area Weighted Yearly Global Mean Residuals & Fit 260.000 km
T (K)
40
20
0
−20
−40
0
5
10
15
20
25
30
Years Since 1970

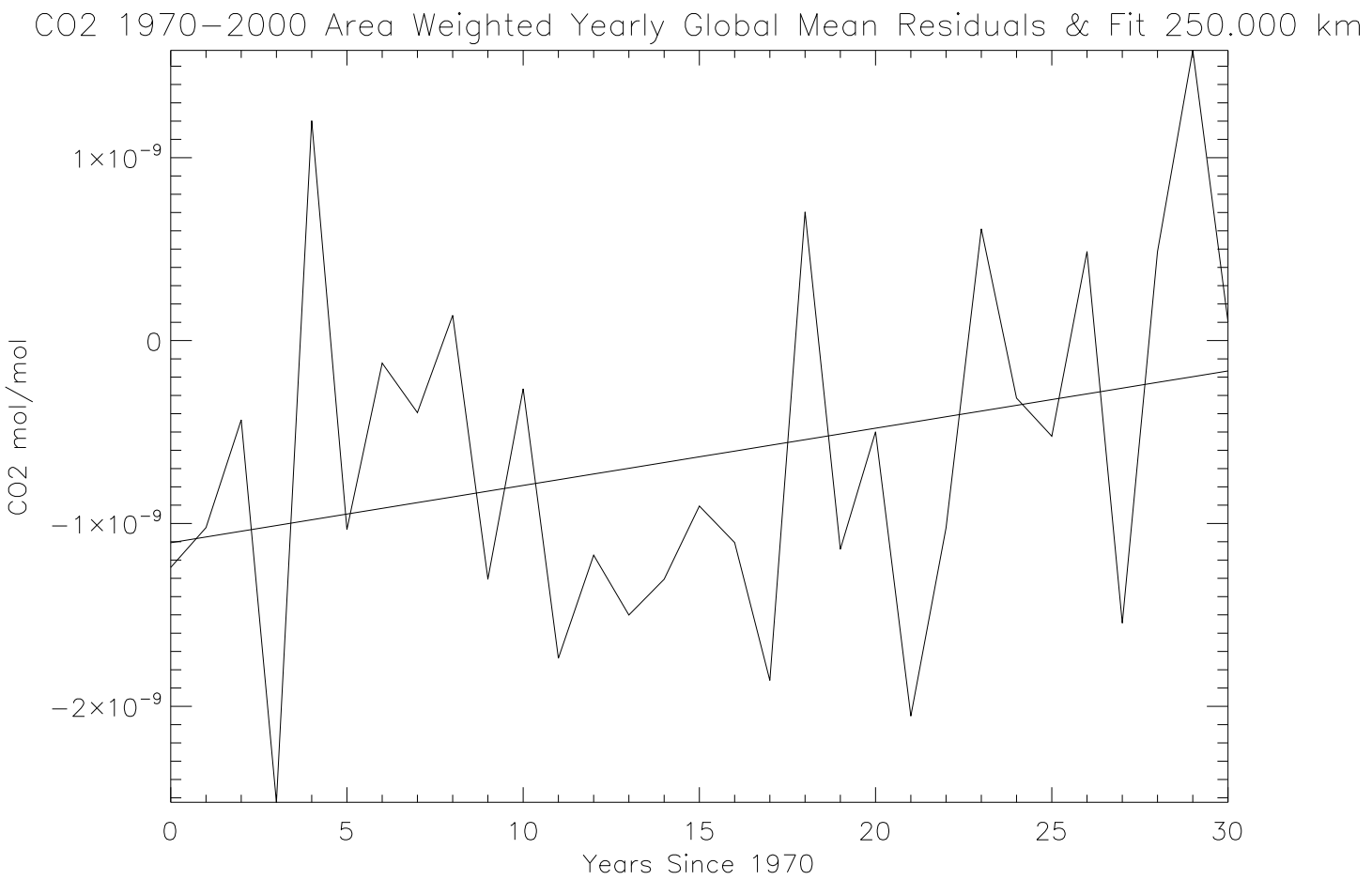

CO2 1955–2005 Area Weighted Yearly Global Mean Residuals & Fit 255.000 km
3×10⁻⁸
2×10⁻⁸
1×10⁻⁸
0
−1×10⁻⁸
−2×10⁻⁸
CO2 mol/mol
0
10
20
30
40
50
Years Since 1955

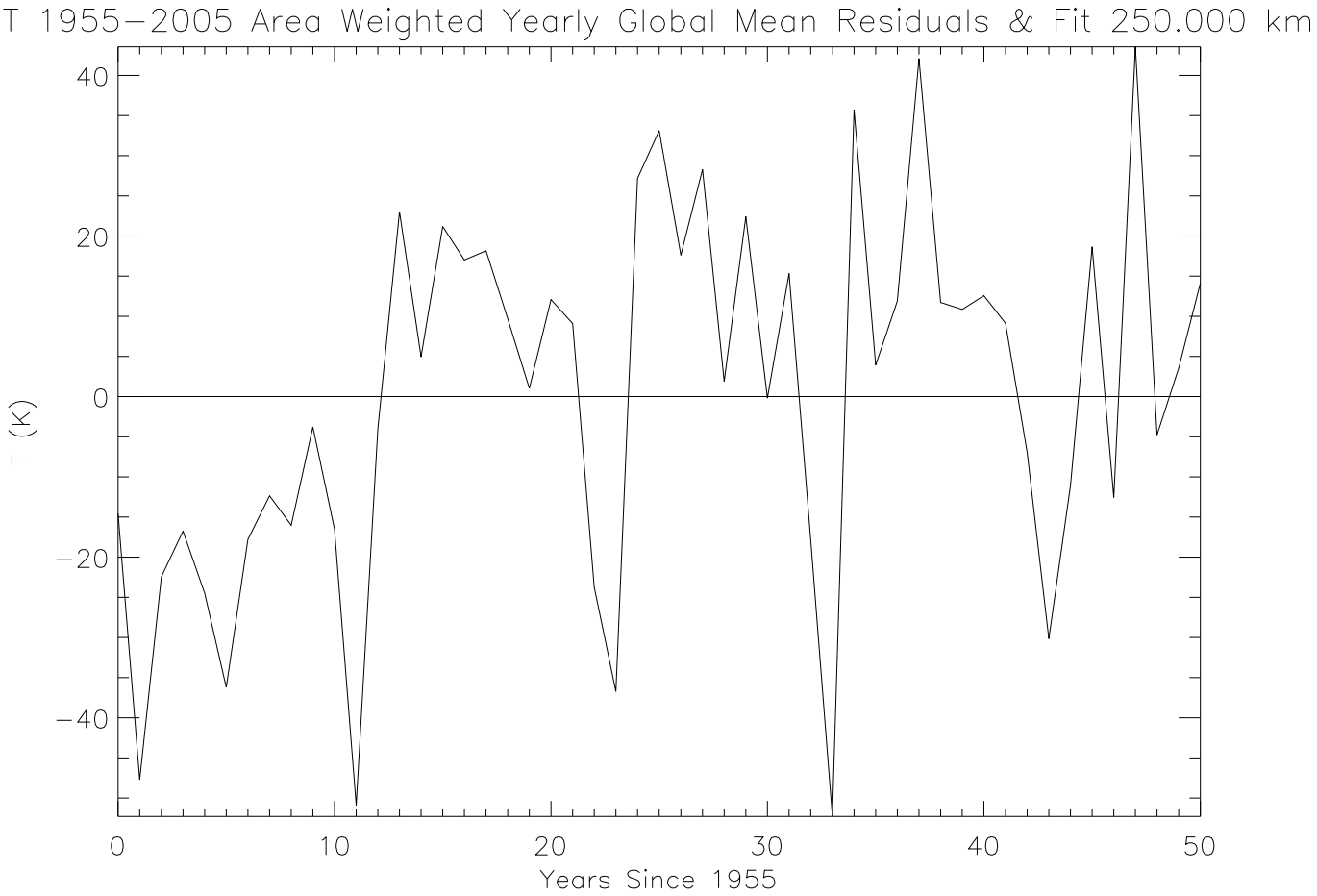

CO2 1970−2000 Area Weighted Yearly Global Mean Residuals & Fit 255.000 km
1×10⁻⁹
0
−1×10⁻⁹
−2×10⁻⁹
CO2 mol/mol
0
5
10
15
20
25
30
Years Since 1970

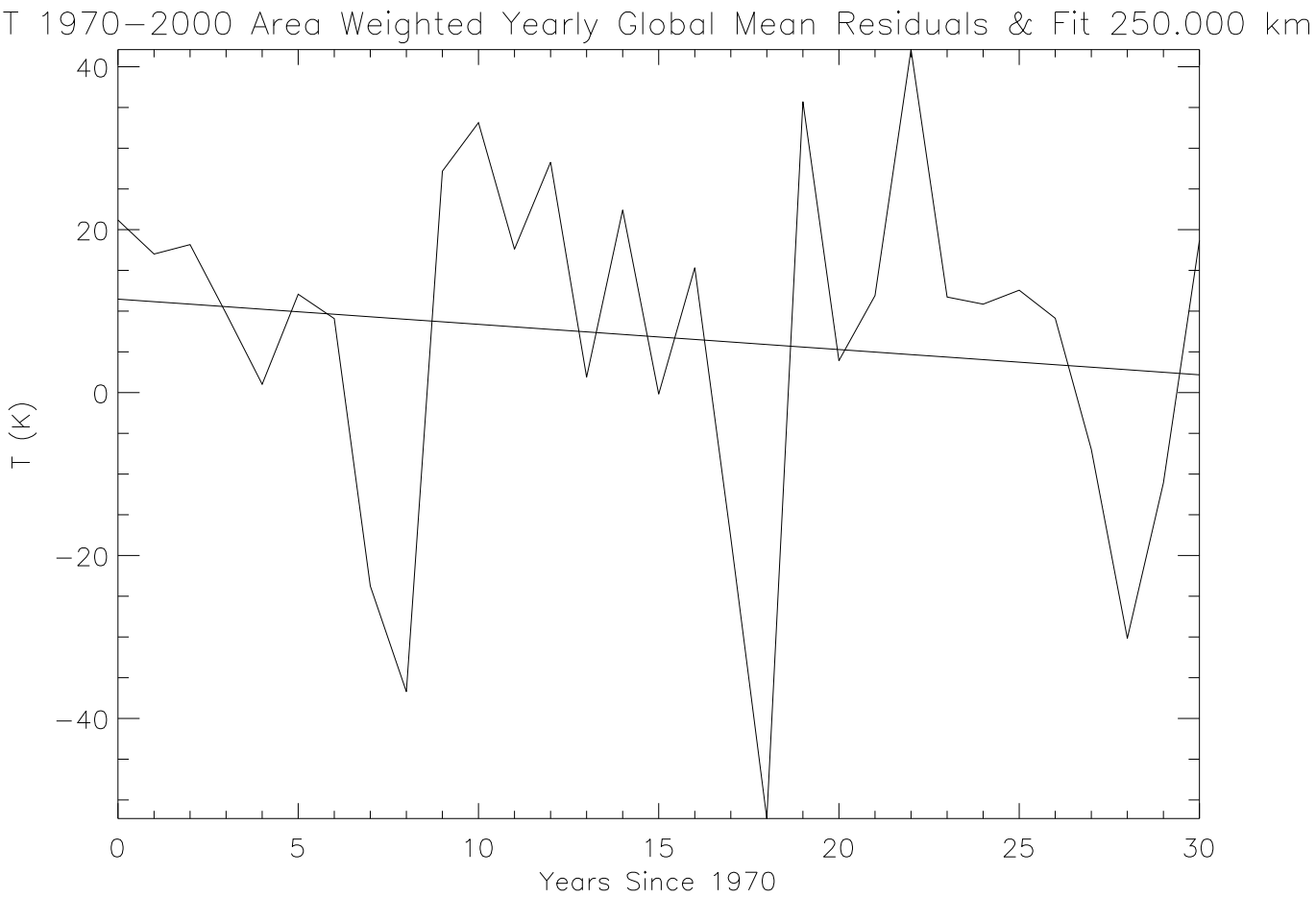

T 1955−2005 Area Weighted Yearly Global Mean Residuals & Fit 255.000 km
T (K)
40
20
0
−20
−40
0
10
20
30
40
50
Years Since 1955

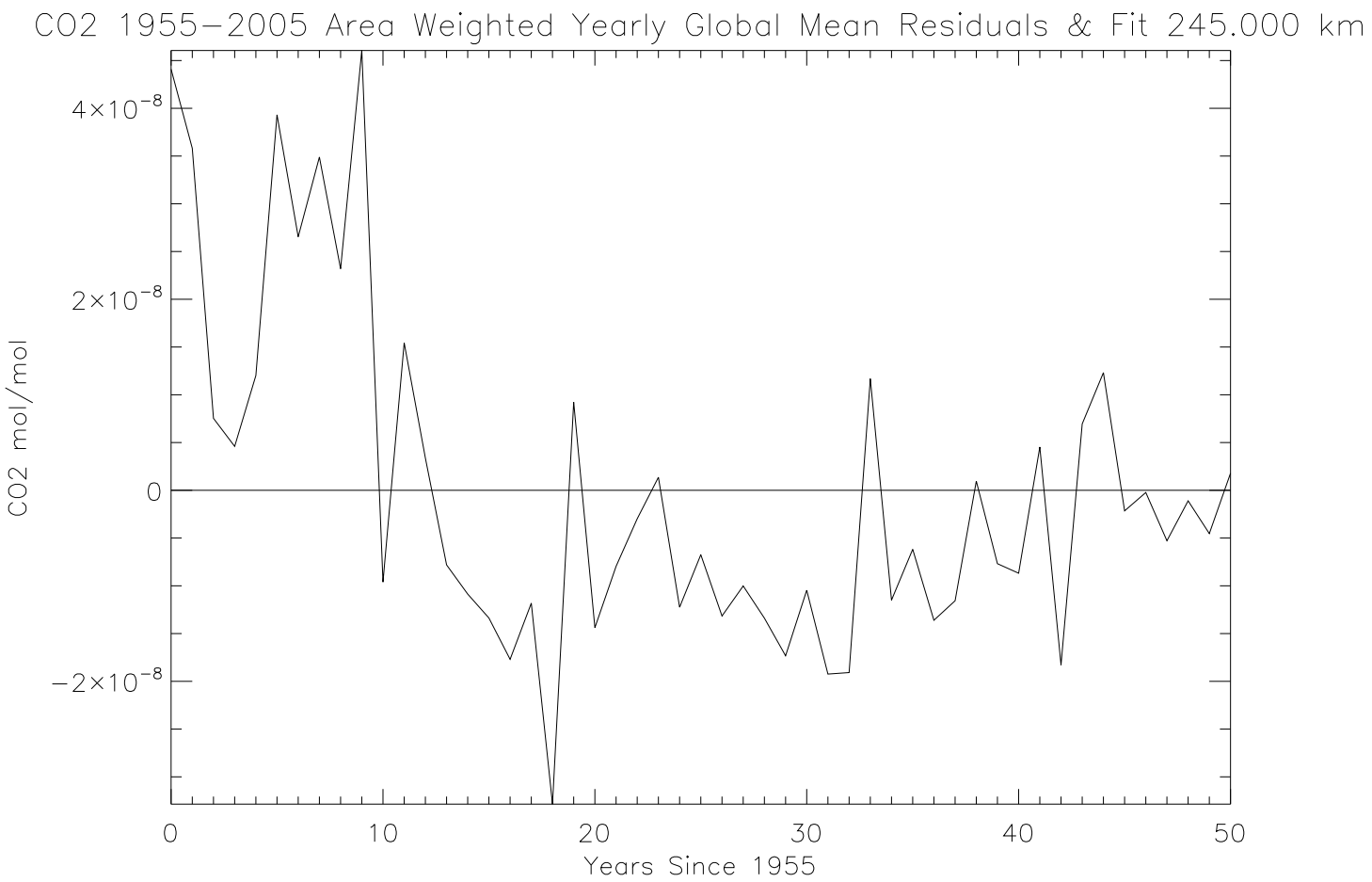

T 1970−2000 Area Weighted Yearly Global Mean Residuals & Fit 255.000 km
T (K)
40
20
0
−20
−40
0
5
10
15
20
25
30
Years Since 1970

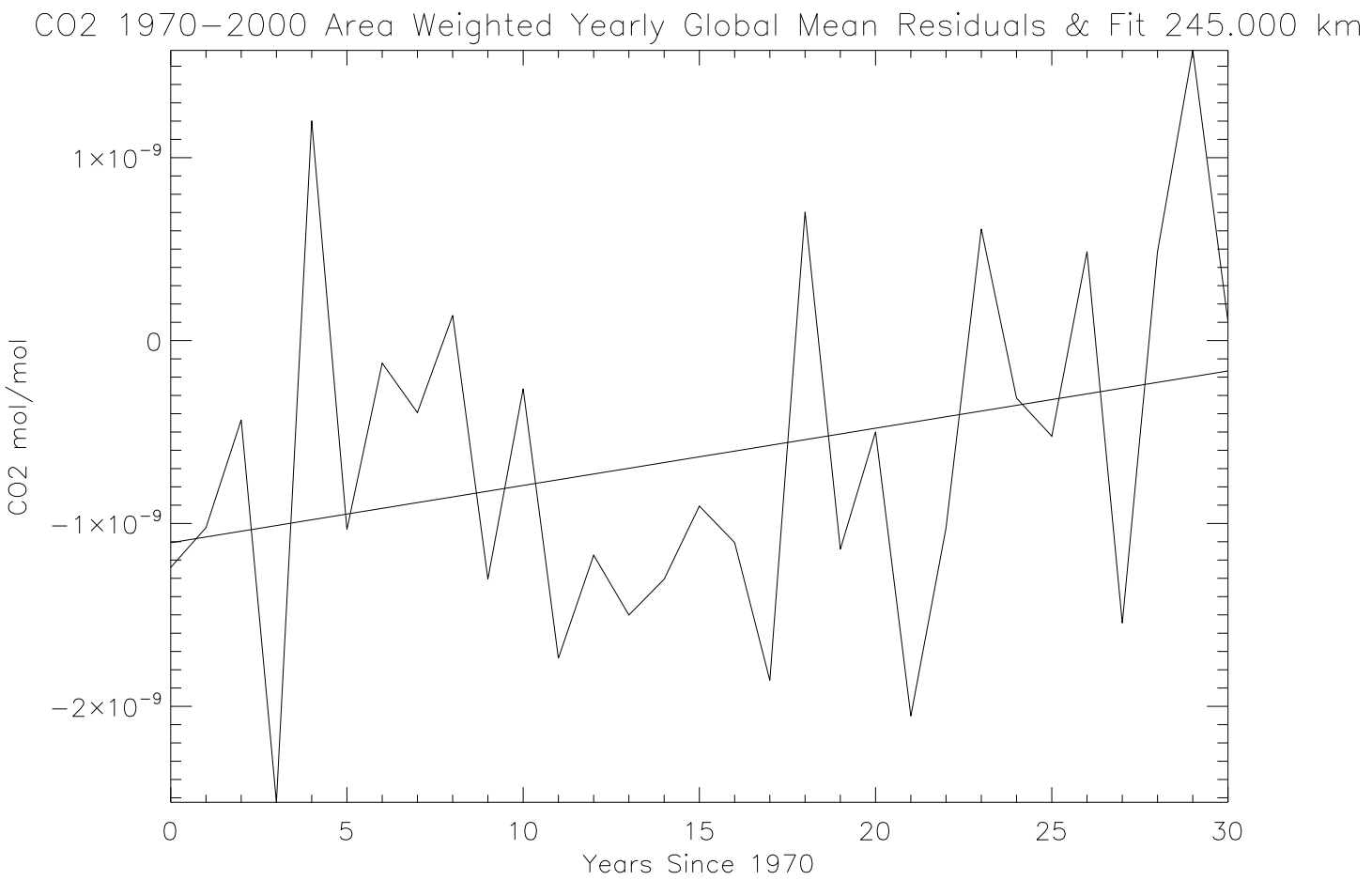

CO2 1955–2005 Area Weighted Yearly Global Mean Residuals & Fit 250.000 km
CO2 mol/mol
3×10⁻⁸
2×10⁻⁸
1×10⁻⁸
0
−1×10⁻⁸
−2×10⁻⁸
0
10
20
30
40
50
Years Since 1955

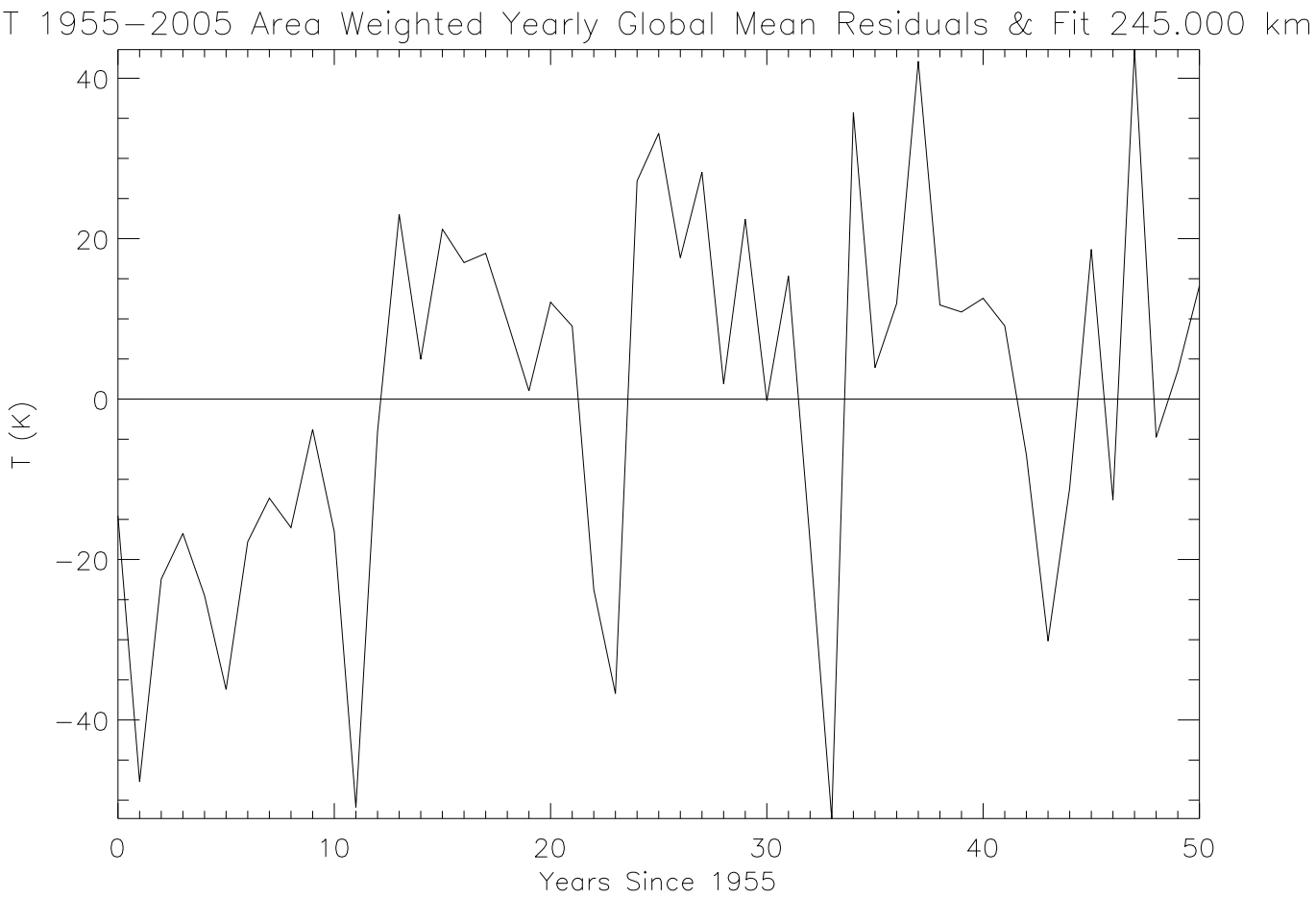

CO2 1970–2000 Area Weighted Yearly Global Mean Residuals & Fit 250.000 km
1×10⁻⁹
0
−1×10⁻⁹
−2×10⁻⁹
CO2 mol/mol
0
5
10
15
20
25
30
Years Since 1970

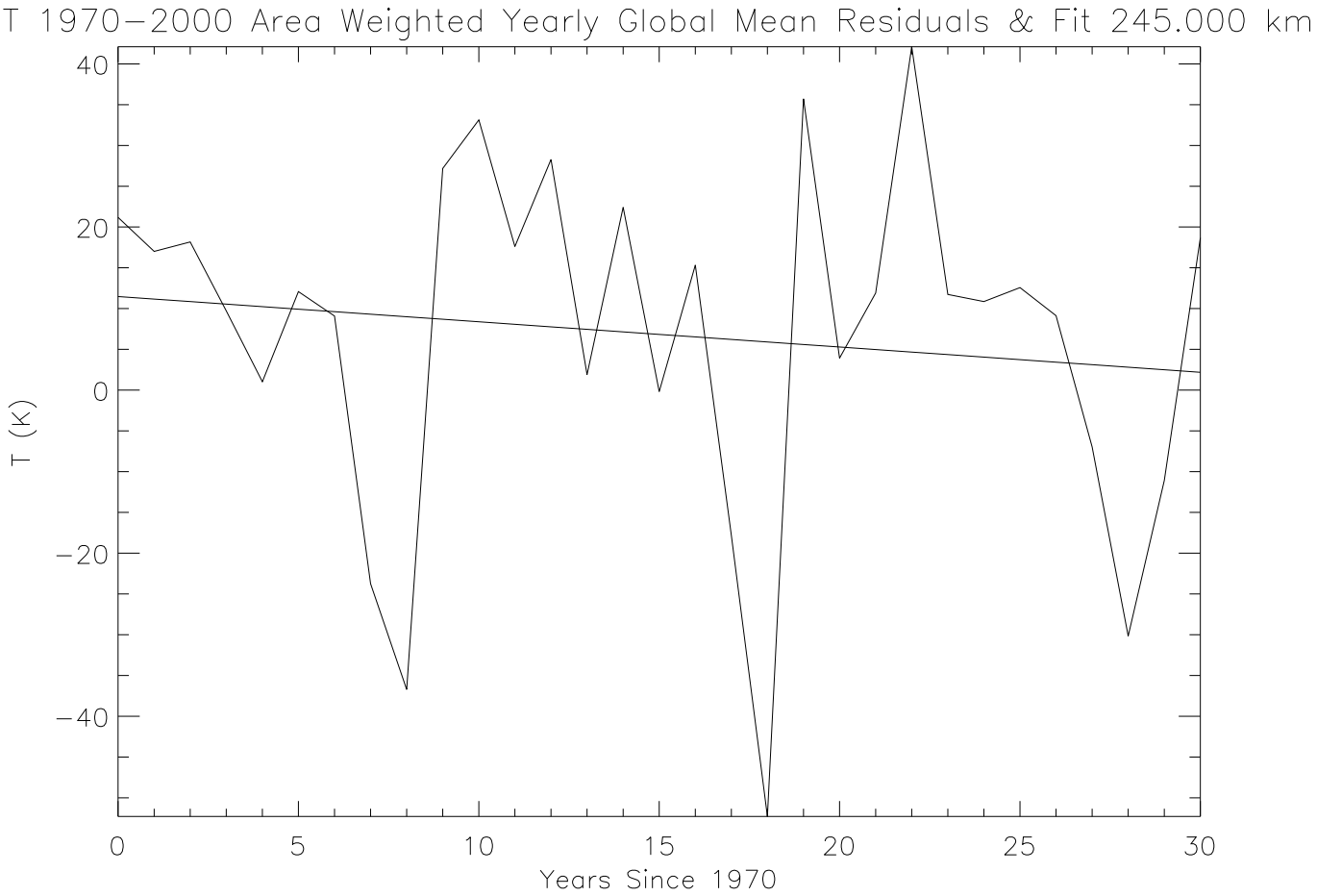

T 1955−2005 Area Weighted Yearly Global Mean Residuals & Fit 250.000 km
T (K)
40
20
0
−20
−40
0
10
20
30
40
50
Years Since 1955

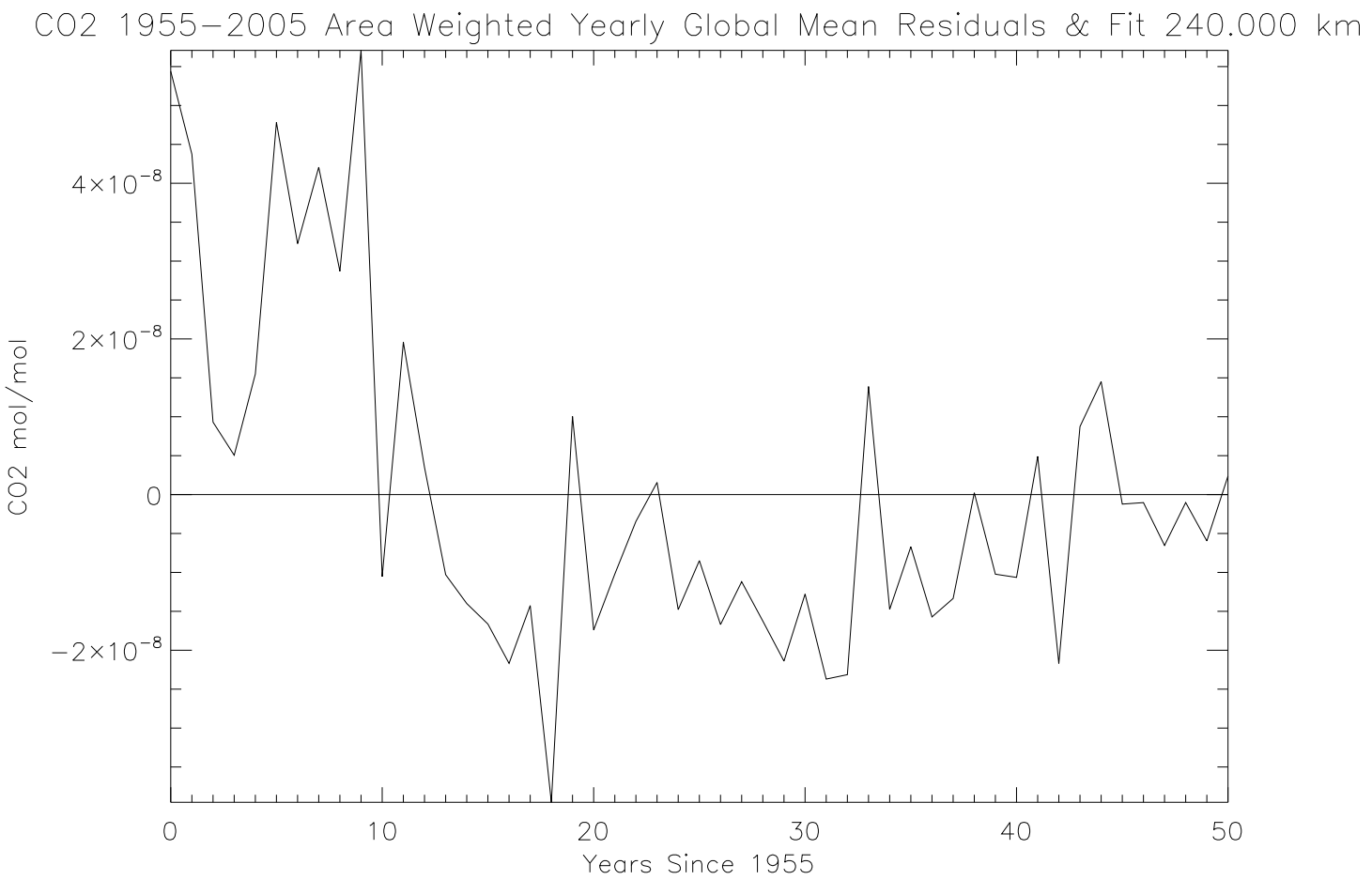

T 1970−2000 Area Weighted Yearly Global Mean Residuals & Fit 250.000 km
T (K)
40
20
0
−20
−40
0
5
10
15
20
25
30
Years Since 1970

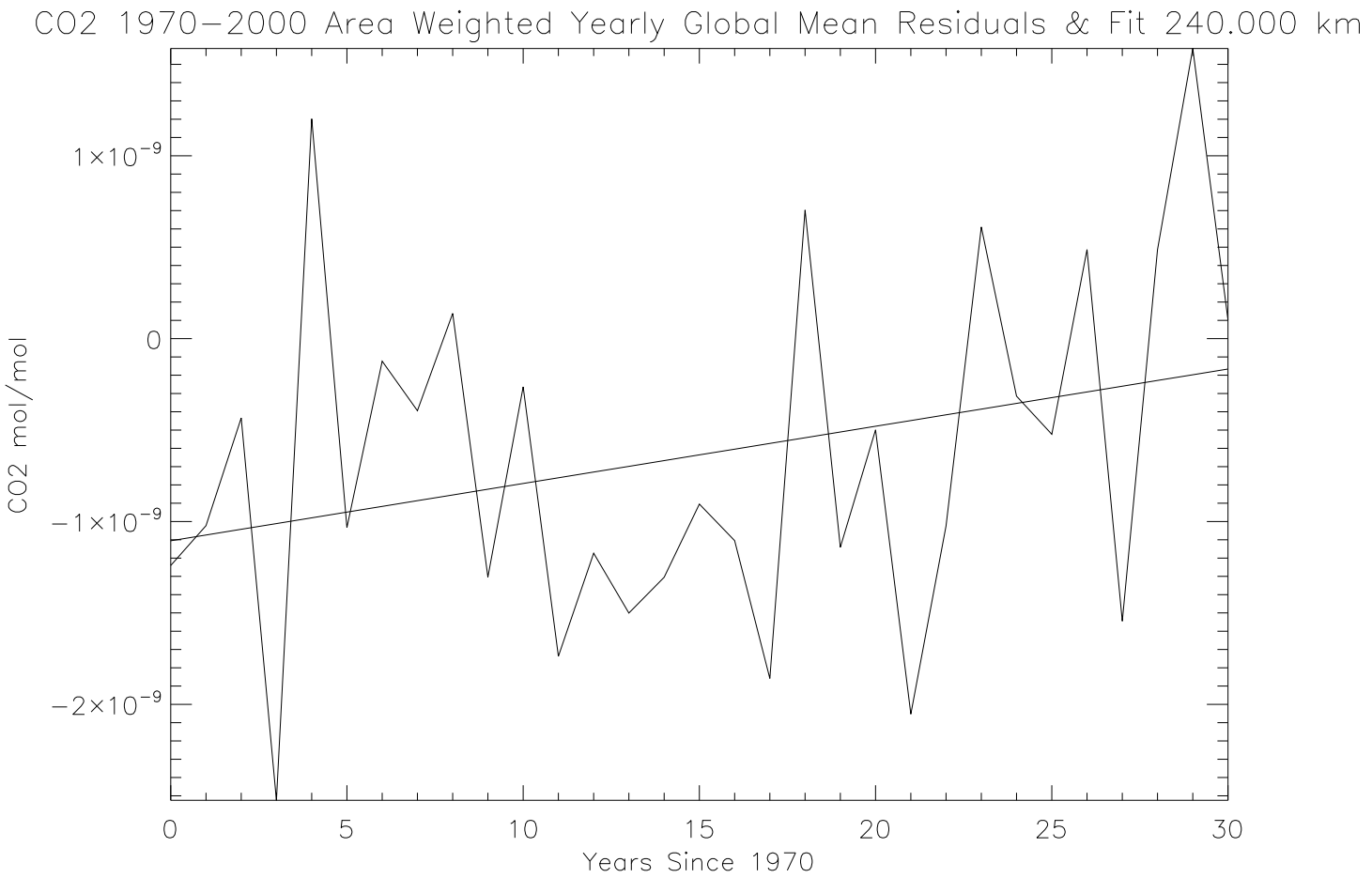

CO2 1955–2005 Area Weighted Yearly Global Mean Residuals & Fit 245.000 km
4×10⁻⁸
2×10⁻⁸
0
−2×10⁻⁸
CO2 mol/mol
0
10
20
30
40
50
Years Since 1955

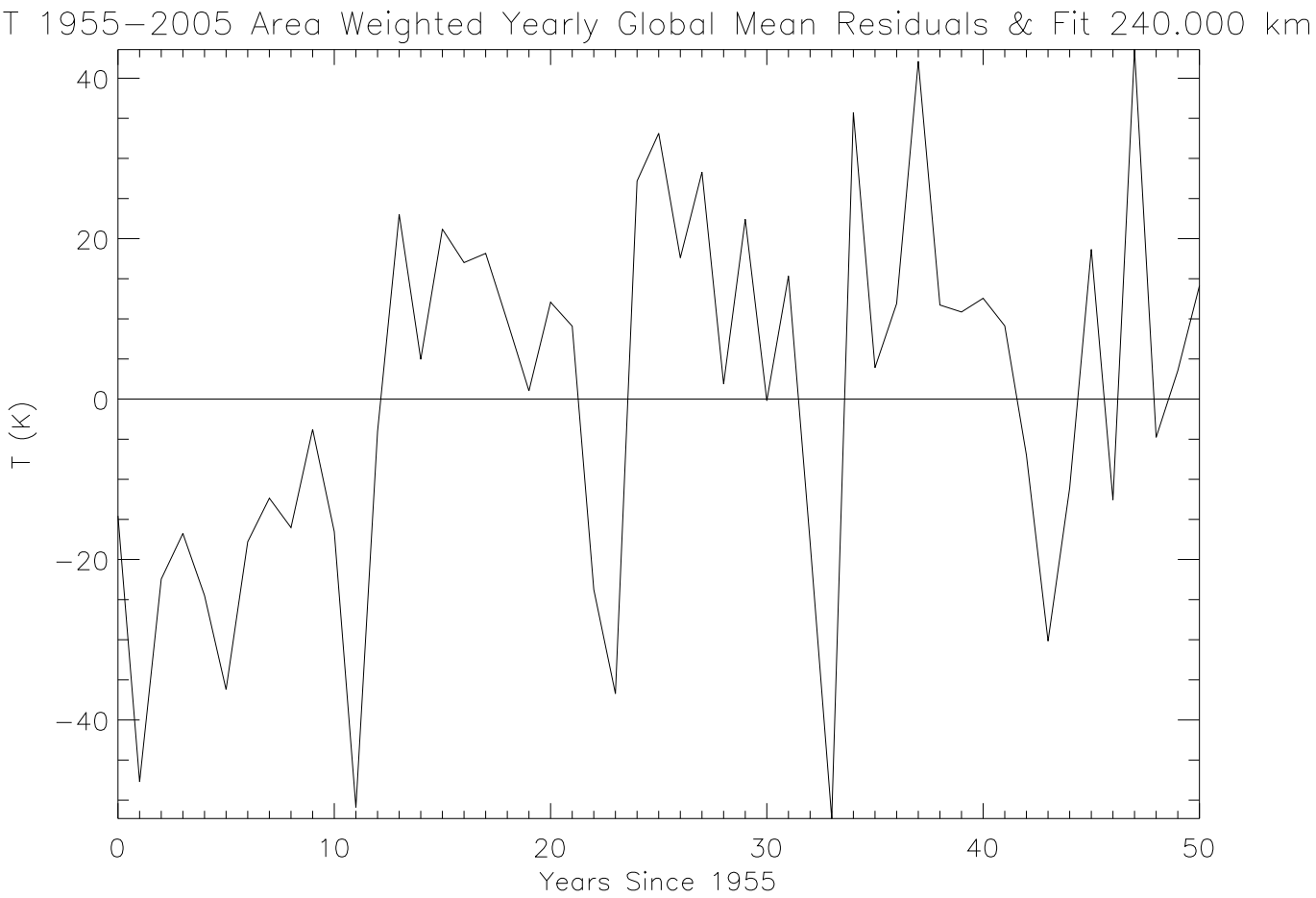

CO2 1970−2000 Area Weighted Yearly Global Mean Residuals & Fit 245.000 km
1×10⁻⁹
0
−1×10⁻⁹
−2×10⁻⁹
CO2 mol/mol
0
5
10
15
20
25
30
Years Since 1970

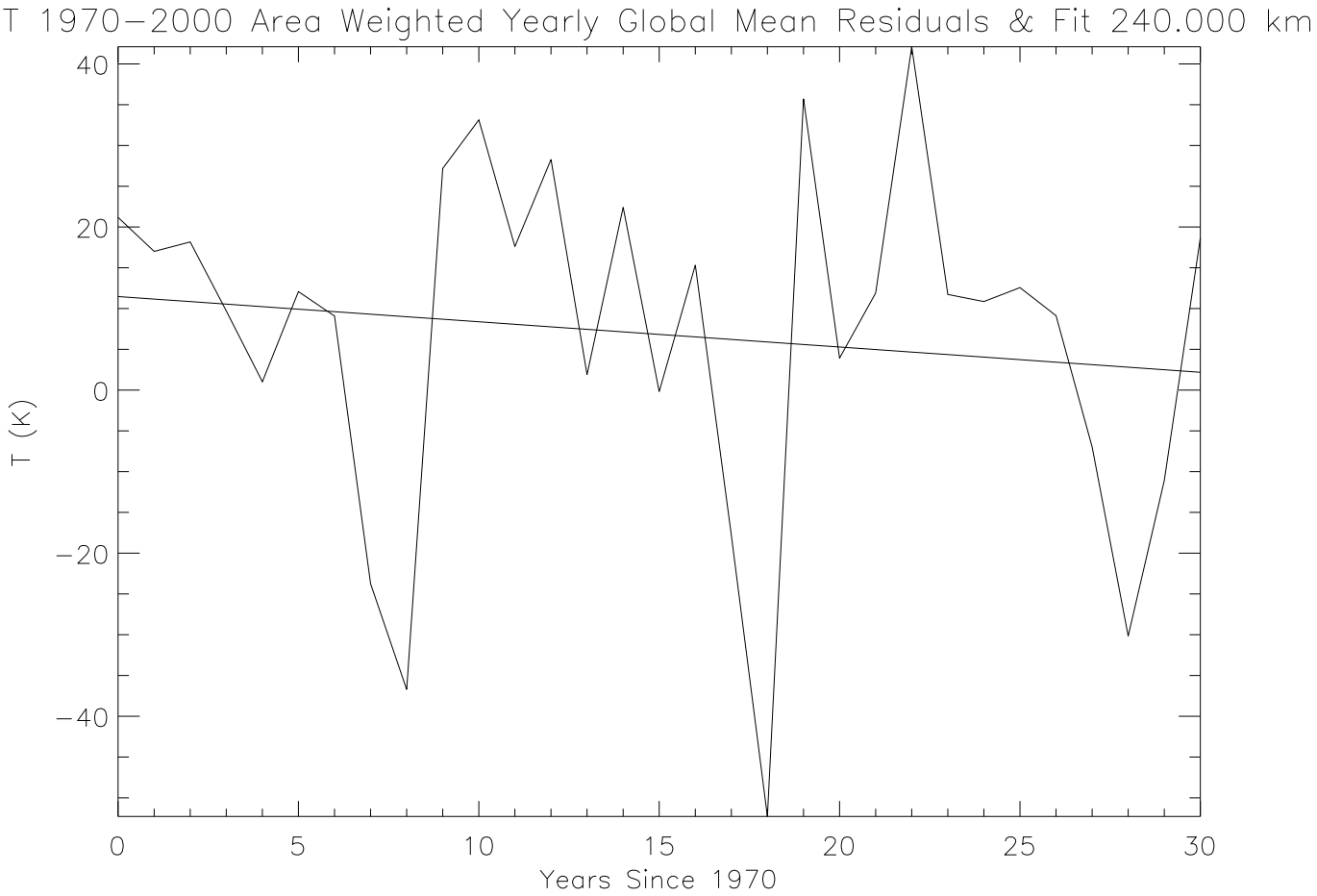

T 1955−2005 Area Weighted Yearly Global Mean Residuals & Fit 245.000 km
T (K)
40
20
0
−20
−40
0
10
20
30
40
50
Years Since 1955

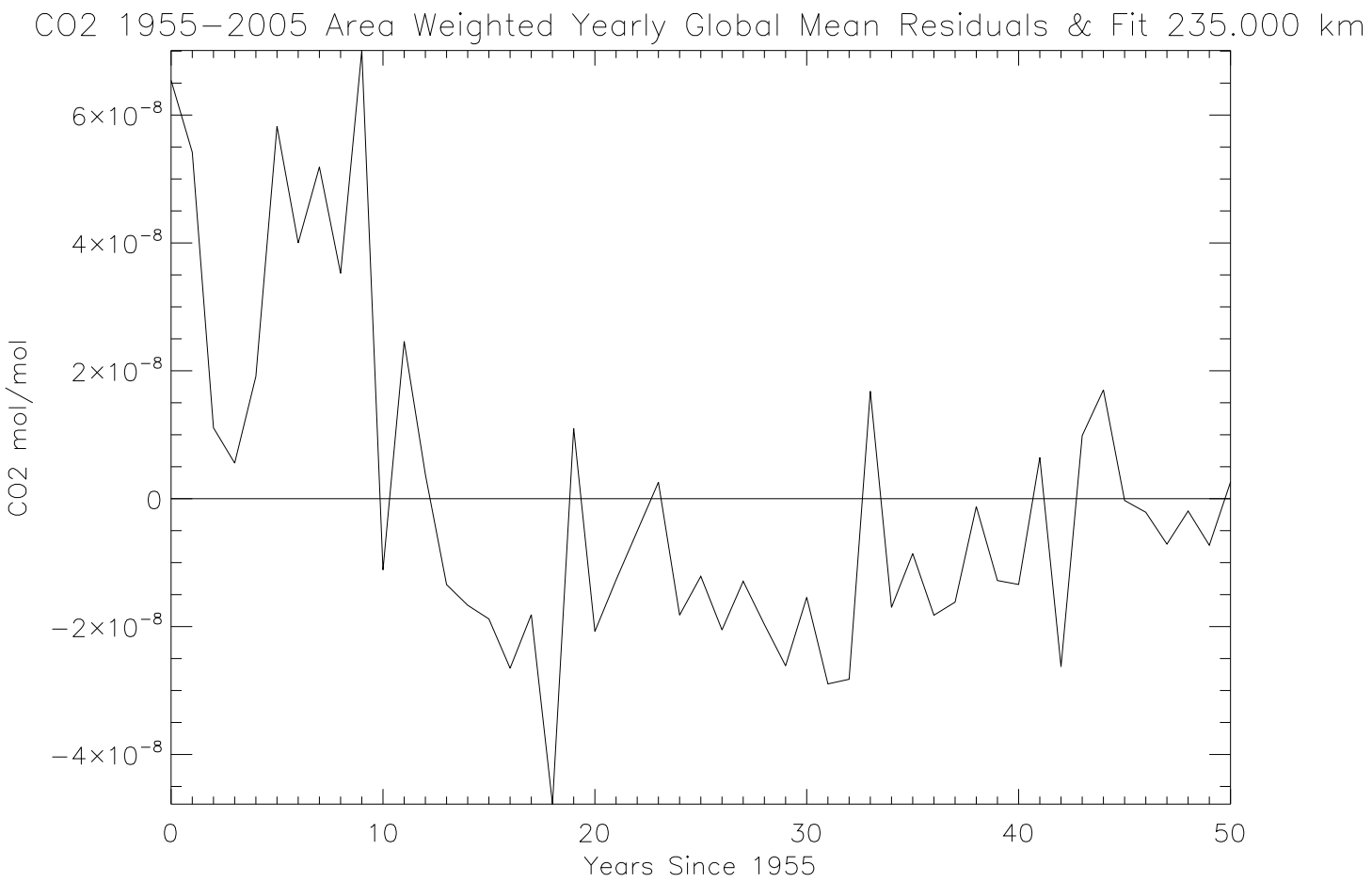

T 1970−2000 Area Weighted Yearly Global Mean Residuals & Fit 245.000 km
T (K)
40
20
0
−20
−40
0
5
10
15
20
25
30
Years Since 1970

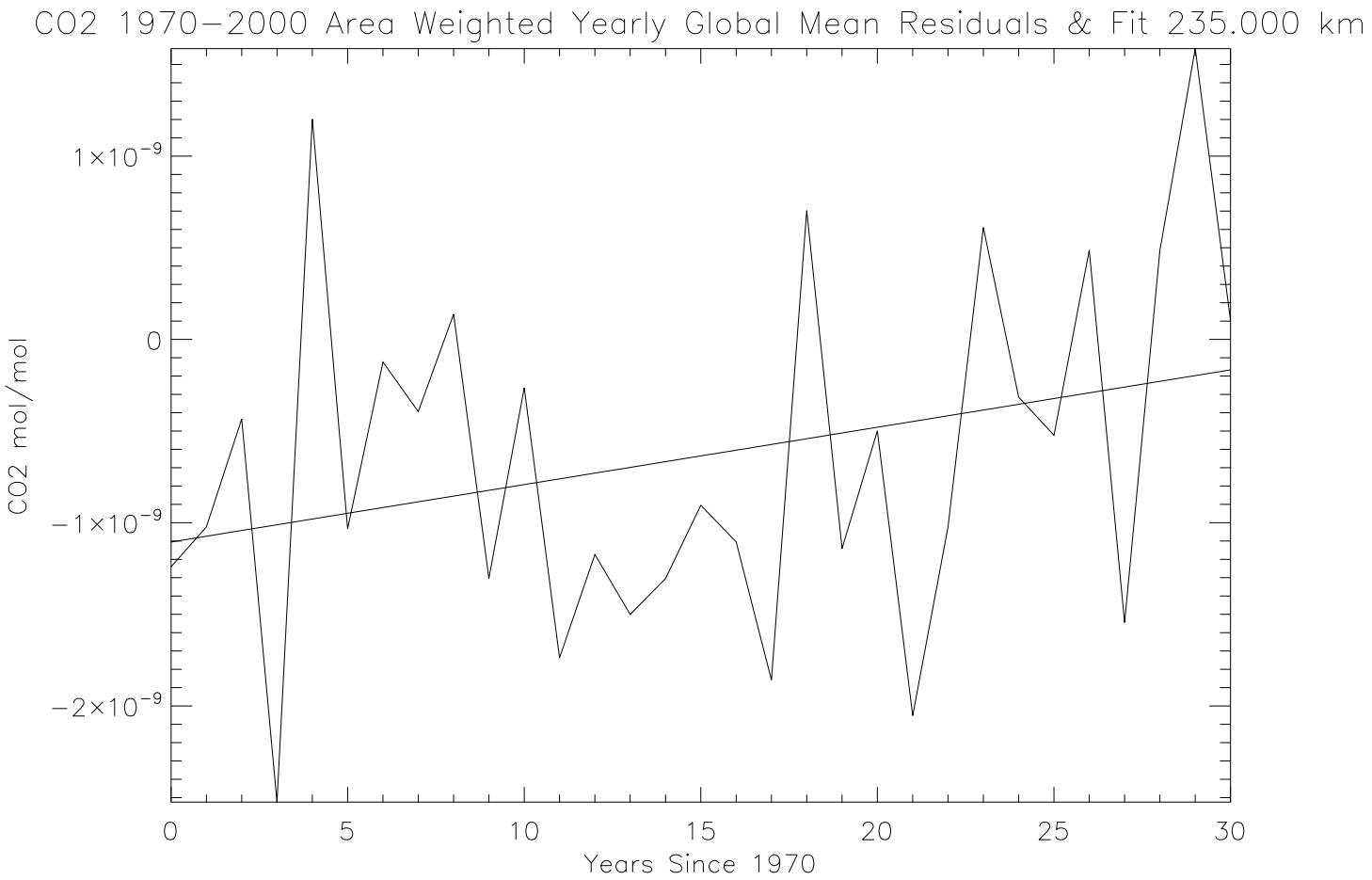

CO2 1955–2005 Area Weighted Yearly Global Mean Residuals & Fit 240.000 km
CO2 mol/mol
4×10⁻⁸
2×10⁻⁸
0
−2×10⁻⁸
0
10
20
30
40
50
Years Since 1955

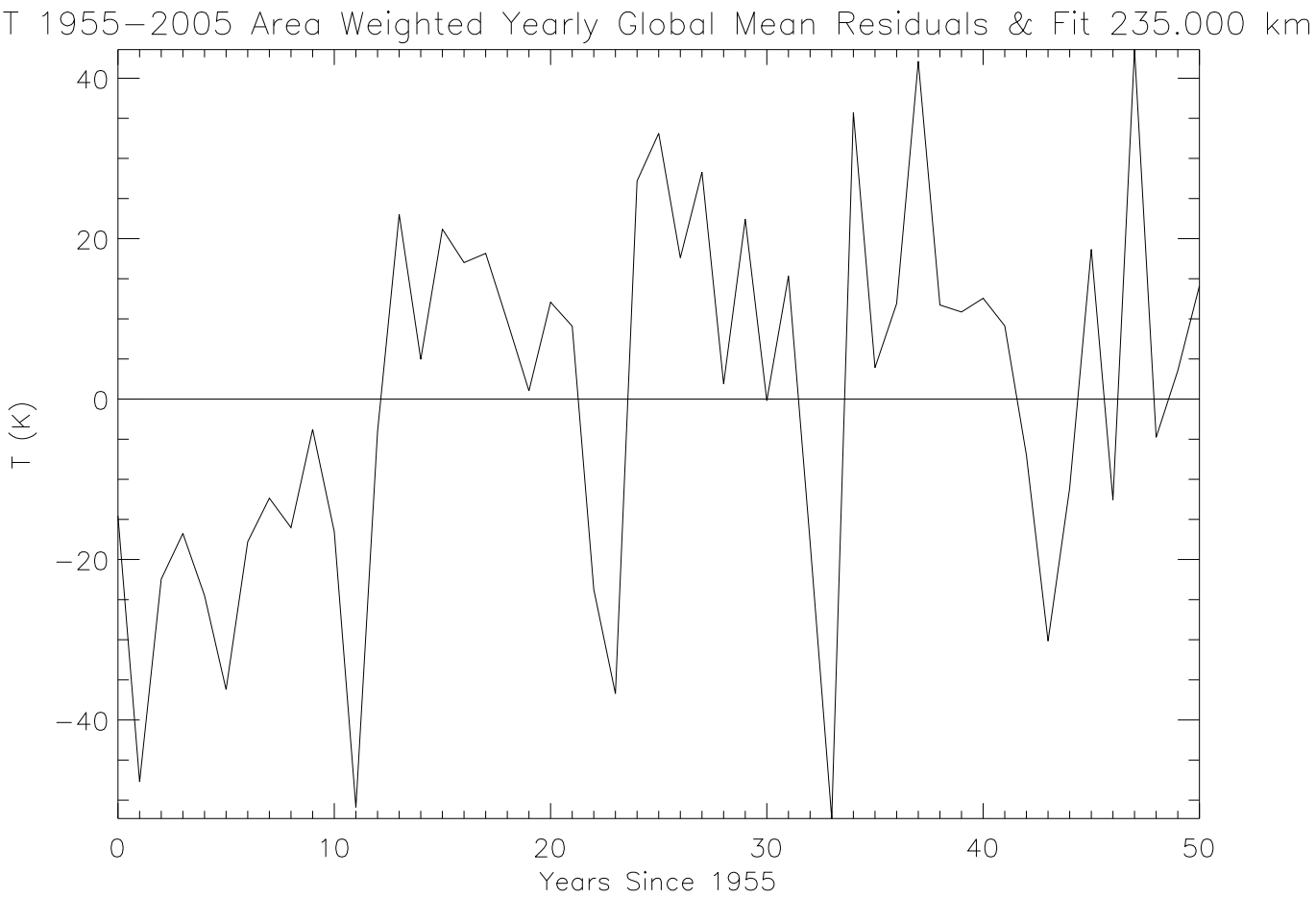

CO2 1970–2000 Area Weighted Yearly Global Mean Residuals & Fit 240.000 km
1×10⁻⁹
0
−1×10⁻⁹
−2×10⁻⁹
CO2 mol/mol
0
5
10
15
20
25
30
Years Since 1970

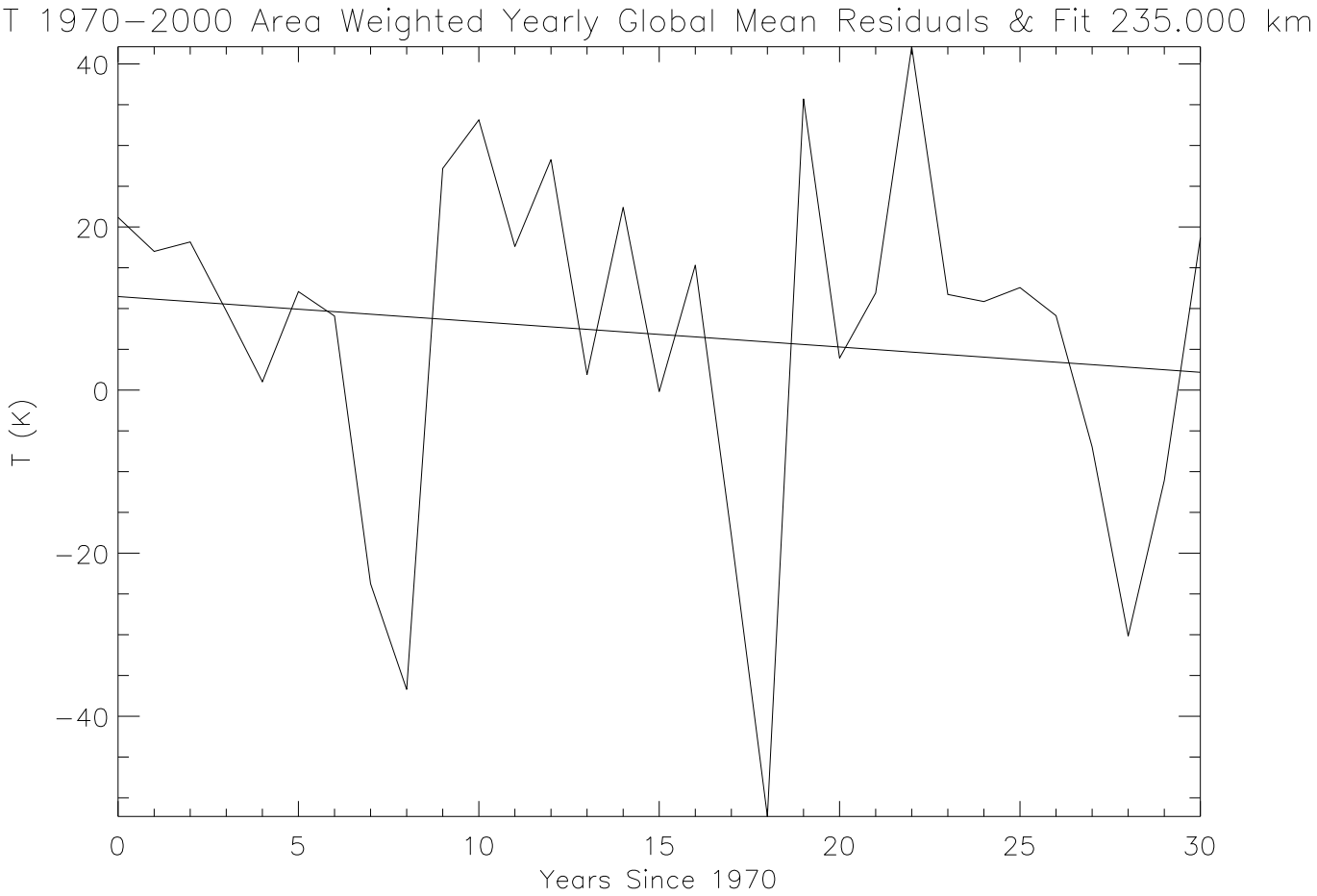

T 1955−2005 Area Weighted Yearly Global Mean Residuals & Fit 240.000 km
T (K)
40
20
0
−20
−40
0
10
20
30
40
50
Years Since 1955

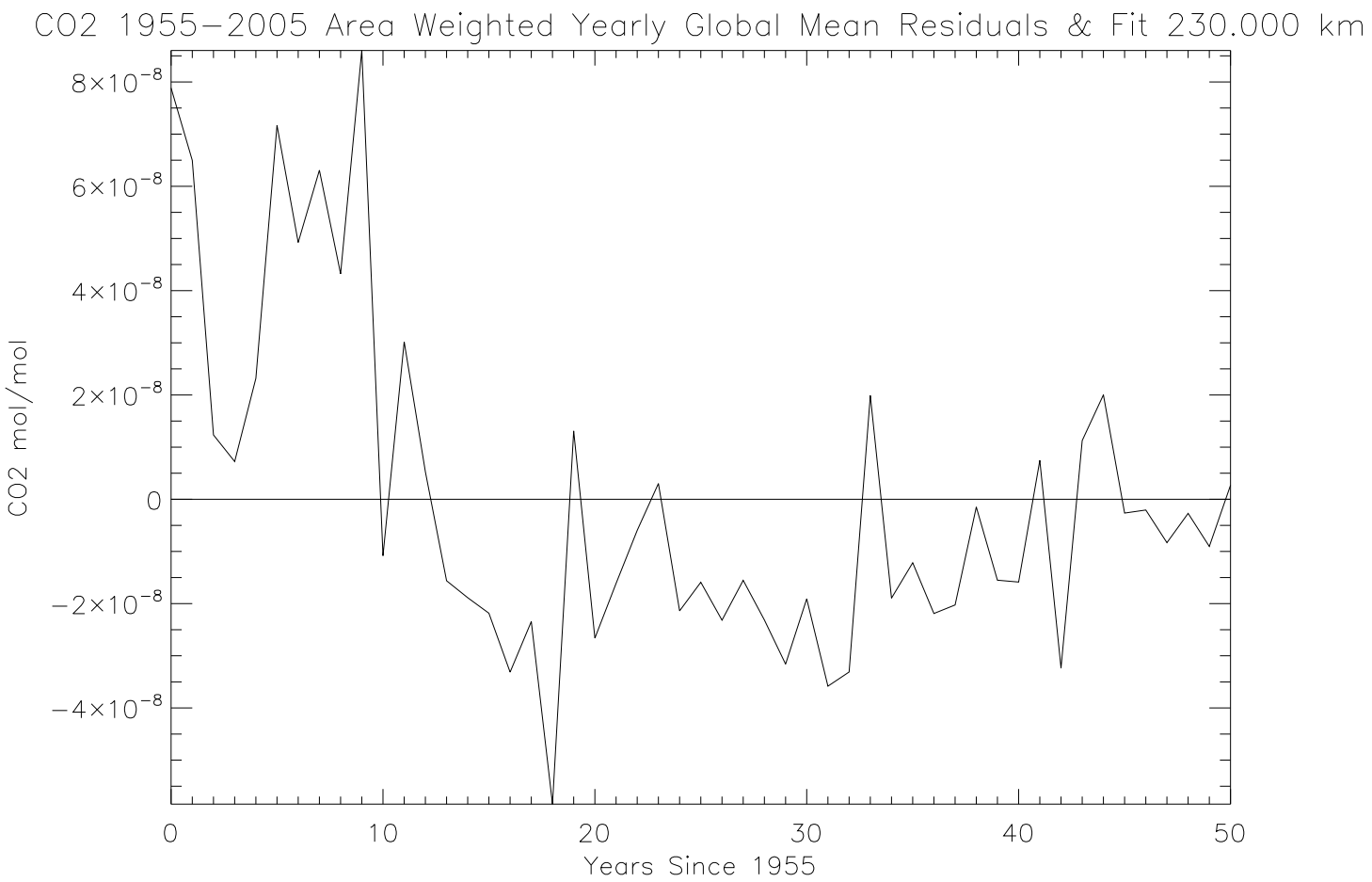

T 1970−2000 Area Weighted Yearly Global Mean Residuals & Fit 240.000 km
T (K)
40
20
0
−20
−40
0
5
10
15
20
25
30
Years Since 1970

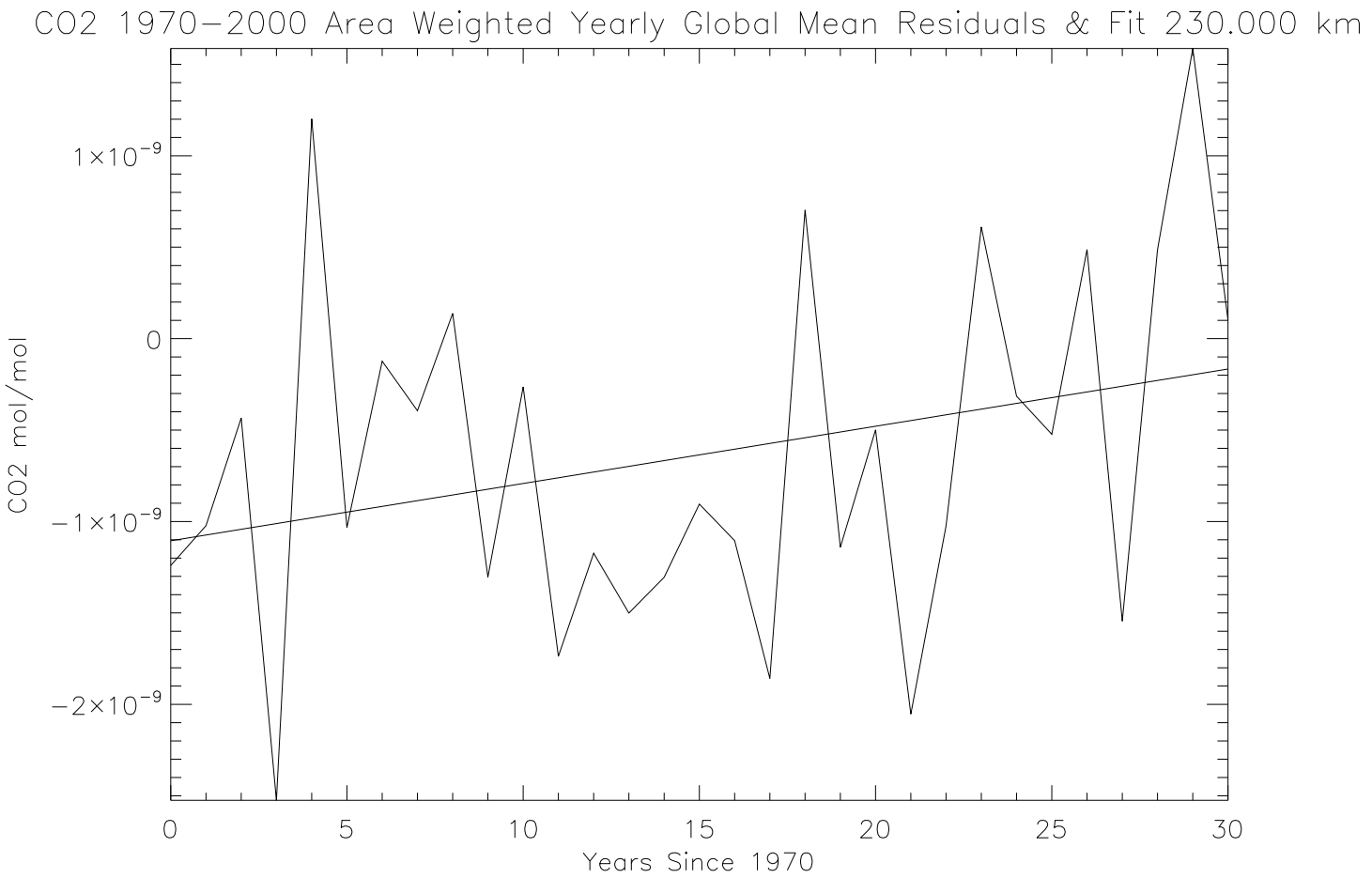

CO2 1955–2005 Area Weighted Yearly Global Mean Residuals & Fit 235.000 km
6×10⁻⁸
4×10⁻⁸
2×10⁻⁸
0
−2×10⁻⁸
−4×10⁻⁸
CO2 mol/mol
0
10
20
30
40
50
Years Since 1955

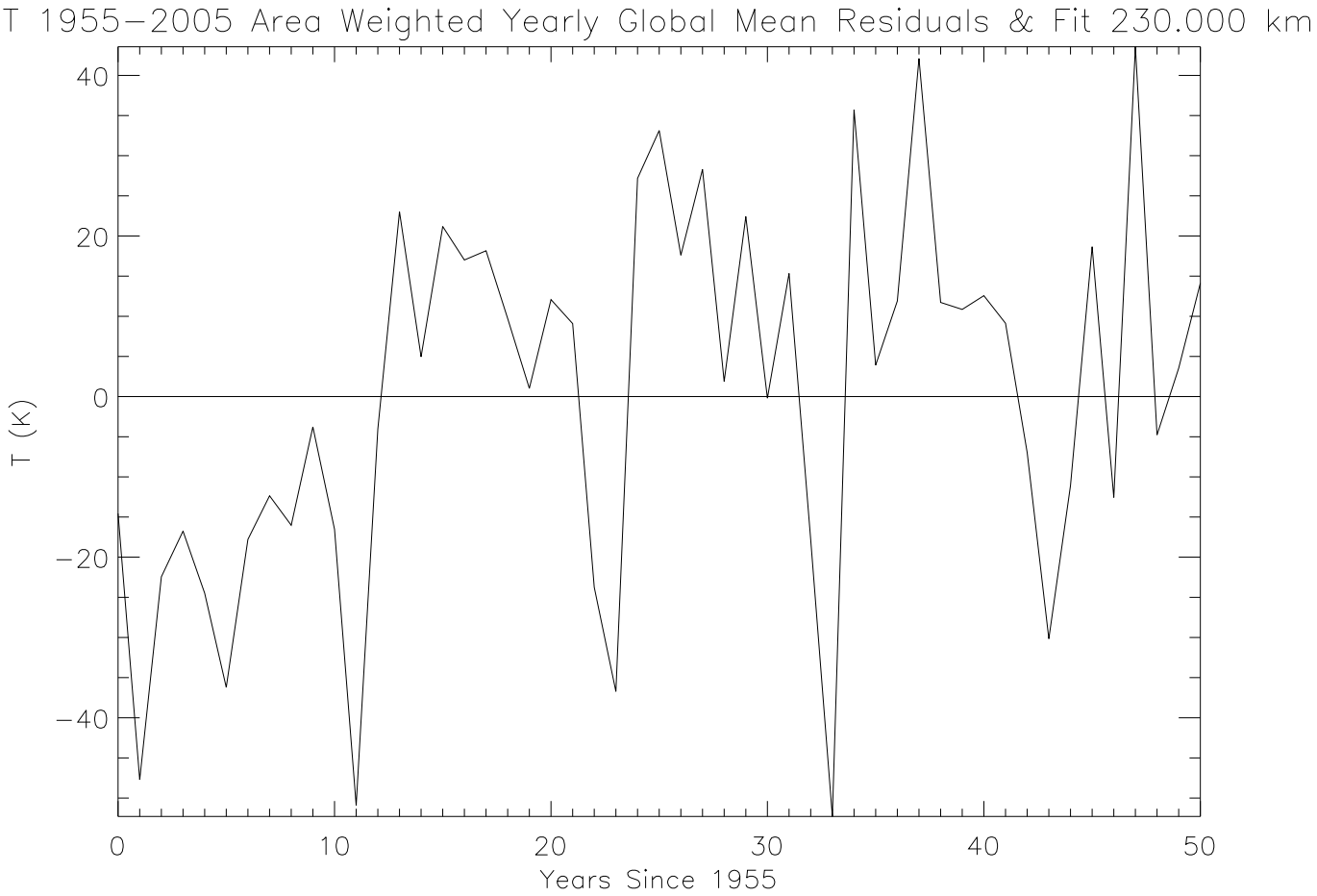

CO2 1970–2000 Area Weighted Yearly Global Mean Residuals & Fit 235.000 km
1×10⁻⁹
0
−1×10⁻⁹
−2×10⁻⁹
CO2 mol/mol
0
5
10
15
20
25
30
Years Since 1970

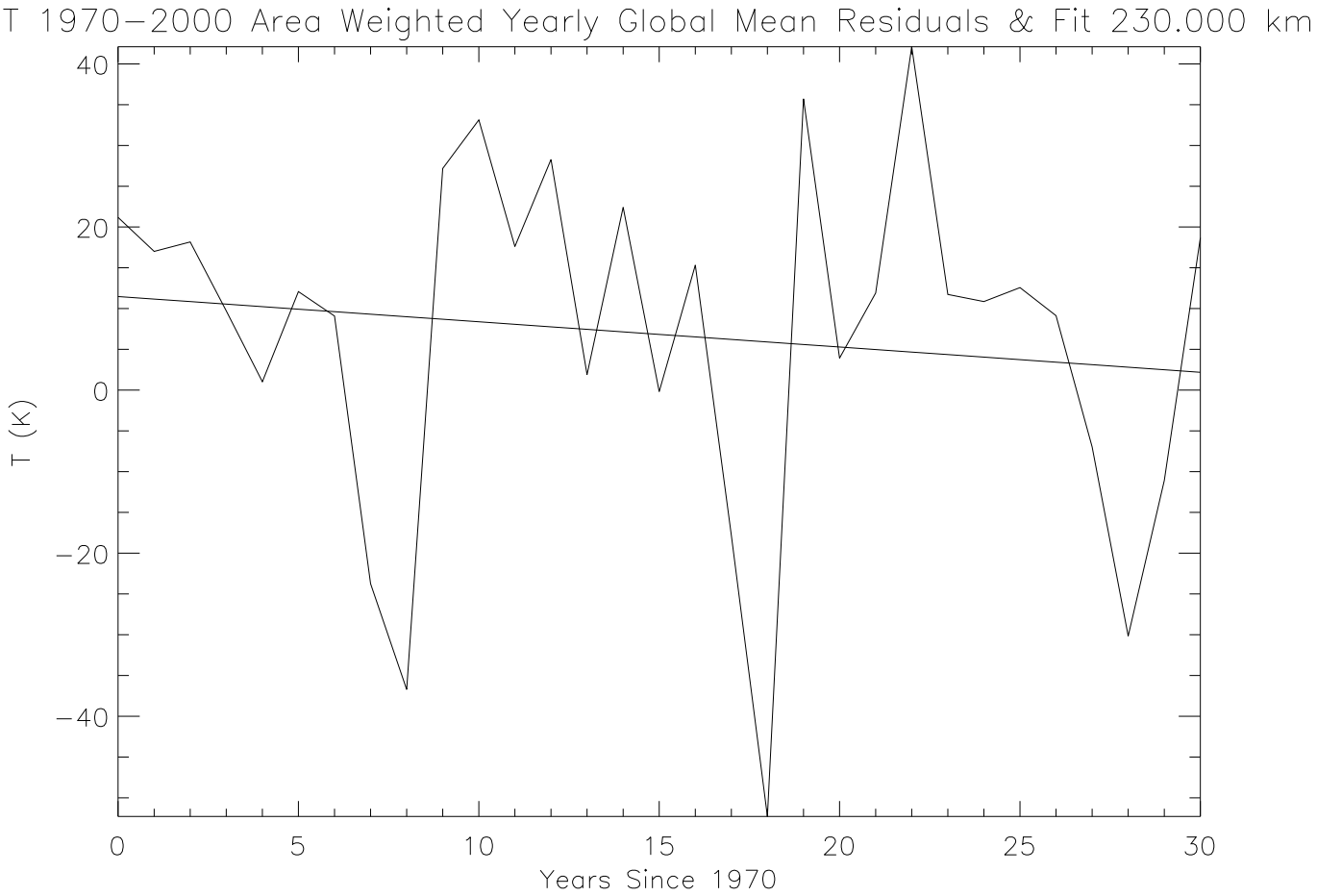

T 1955−2005 Area Weighted Yearly Global Mean Residuals & Fit 235.000 km
T (K)
40
20
0
−20
−40
0
10
20
30
40
50
Years Since 1955

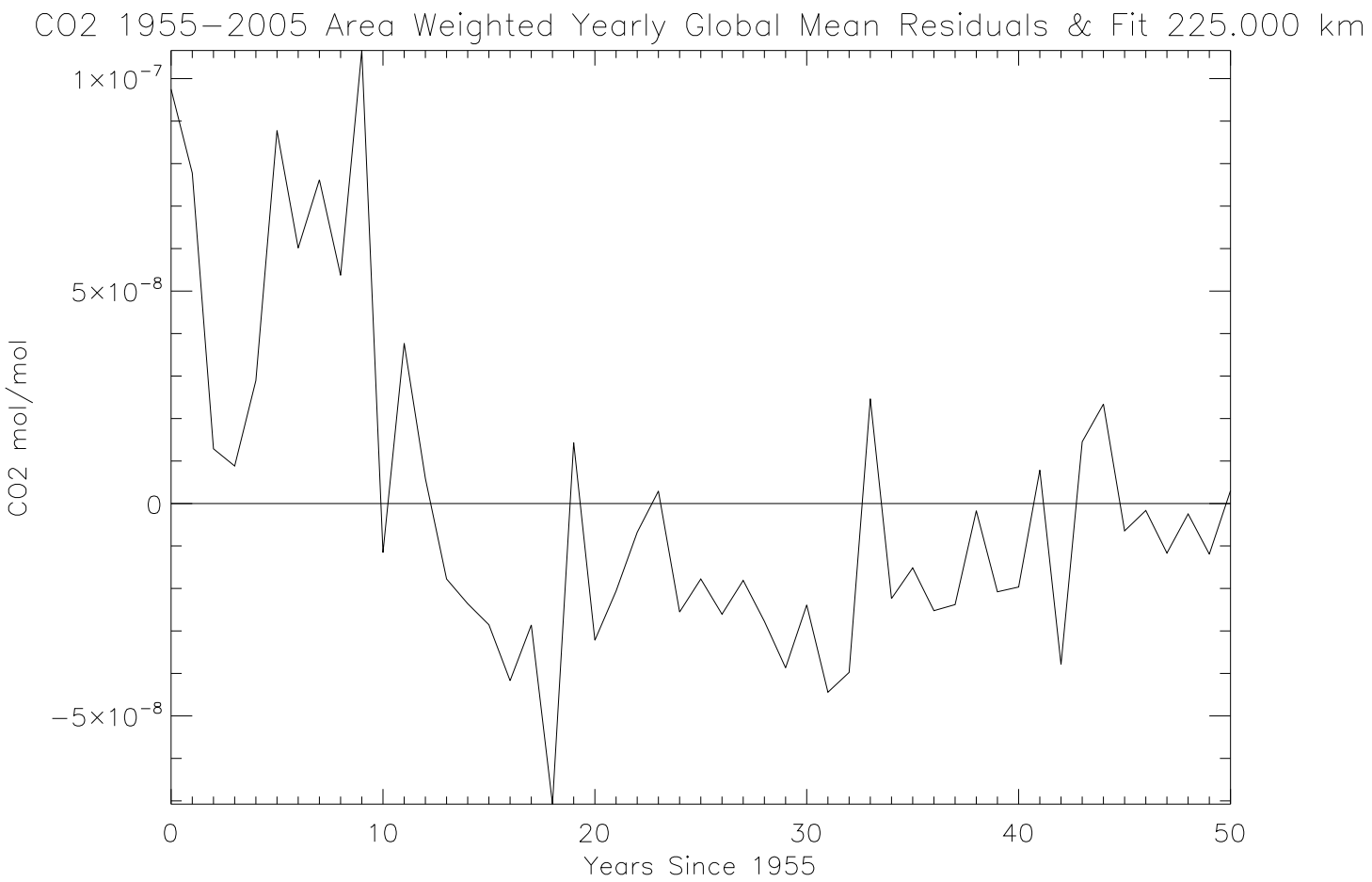

T 1970−2000 Area Weighted Yearly Global Mean Residuals & Fit 235.000 km
T (K)
40
20
0
−20
−40
0
5
10
15
20
25
30
Years Since 1970

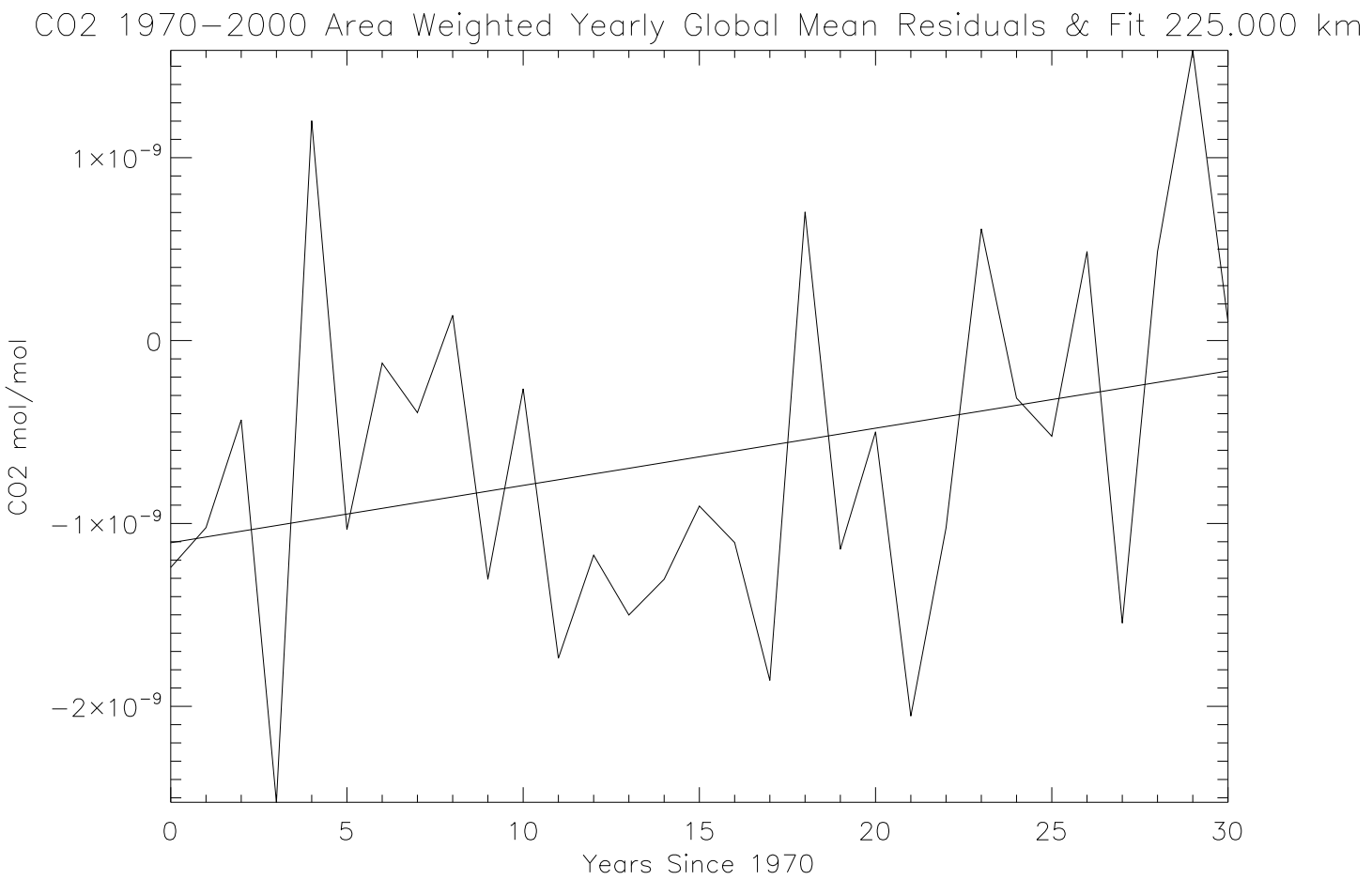

CO2 1955–2005 Area Weighted Yearly Global Mean Residuals & Fit 230.000 km
8×10⁻⁸
6×10⁻⁸
4×10⁻⁸
2×10⁻⁸
0
−2×10⁻⁸
−4×10⁻⁸
CO2 mol/mol
0
10
20
30
40
50
Years Since 1955

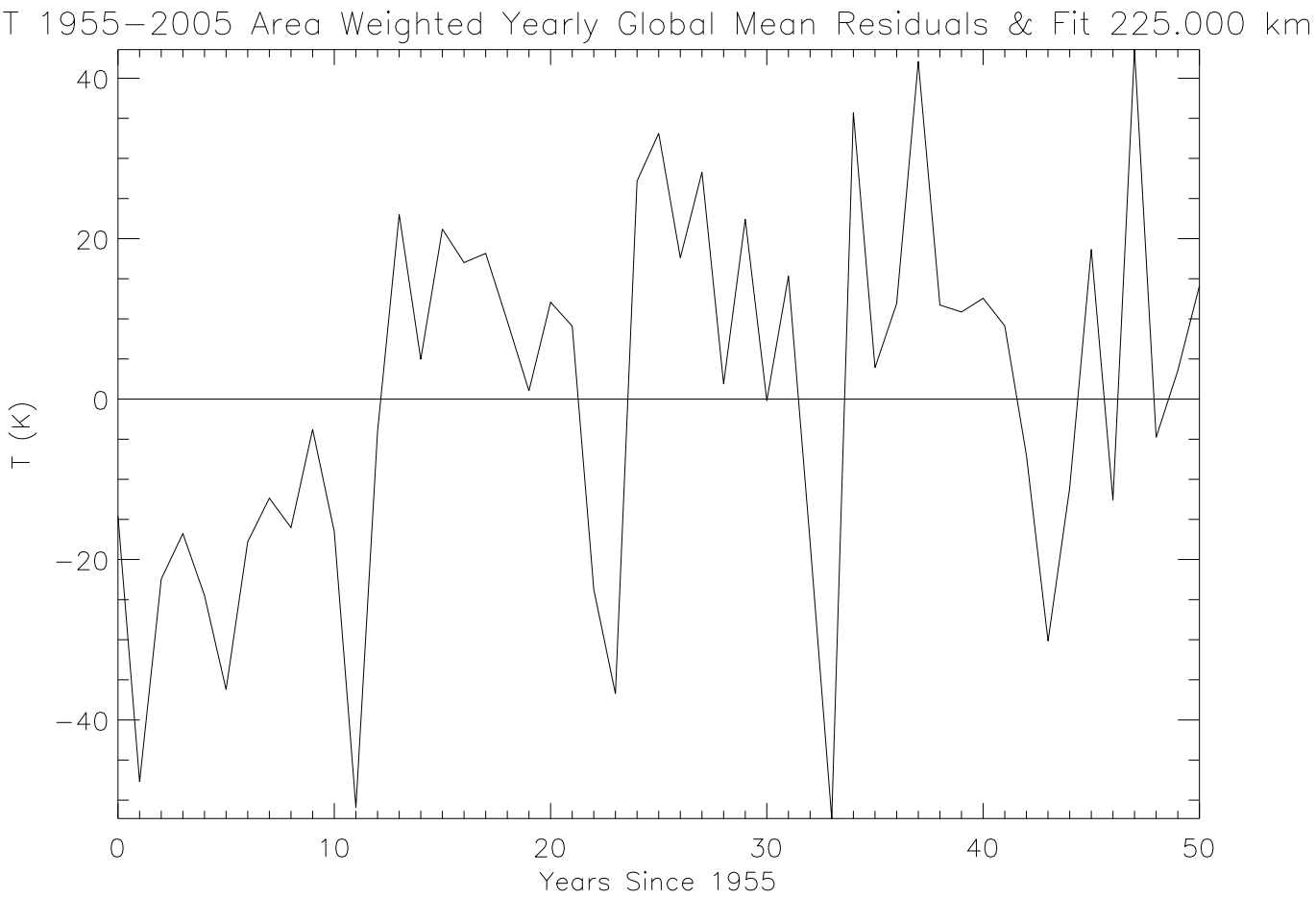

CO2 1970−2000 Area Weighted Yearly Global Mean Residuals & Fit 230.000 km
1×10⁻⁹
0
−1×10⁻⁹
−2×10⁻⁹
CO2 mol/mol
0
5
10
15
20
25
30
Years Since 1970

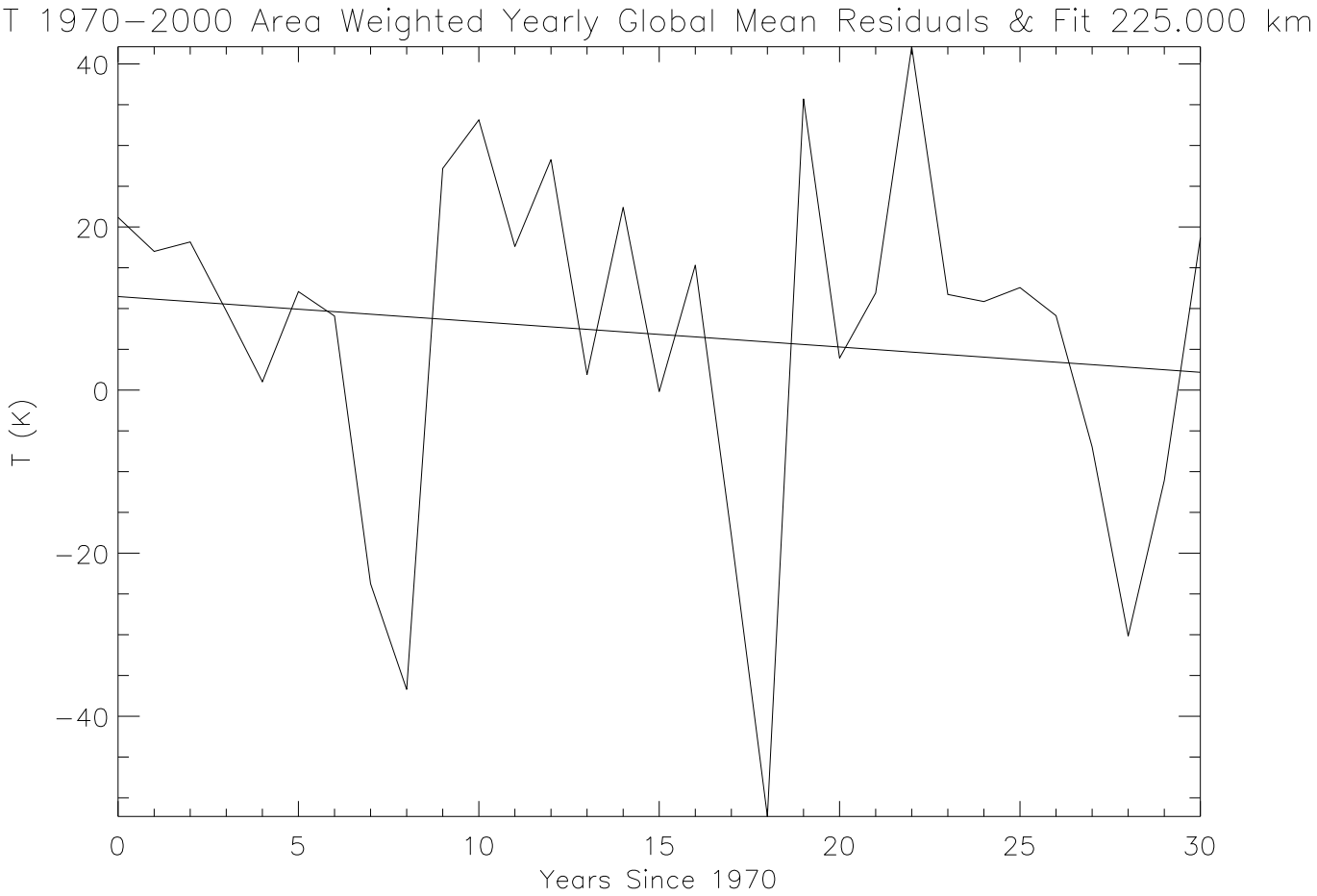

T 1955−2005 Area Weighted Yearly Global Mean Residuals & Fit 230.000 km
T (K)
40
20
0
−20
−40
0
10
20
30
40
50
Years Since 1955

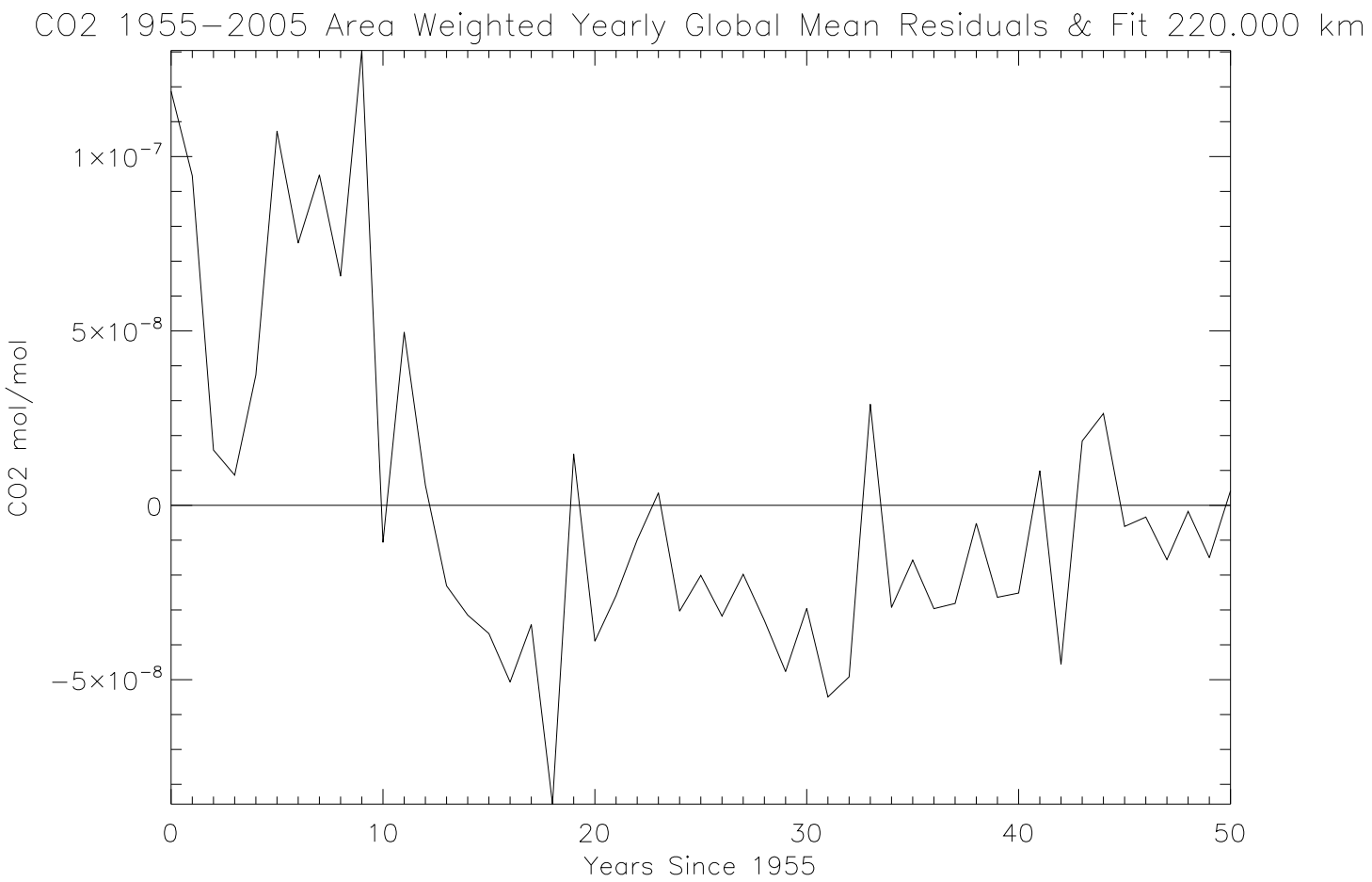

T 1970−2000 Area Weighted Yearly Global Mean Residuals & Fit 230.000 km
40
20
0
−20
−40
T (K)
0
5
10
15
20
25
30
Years Since 1970

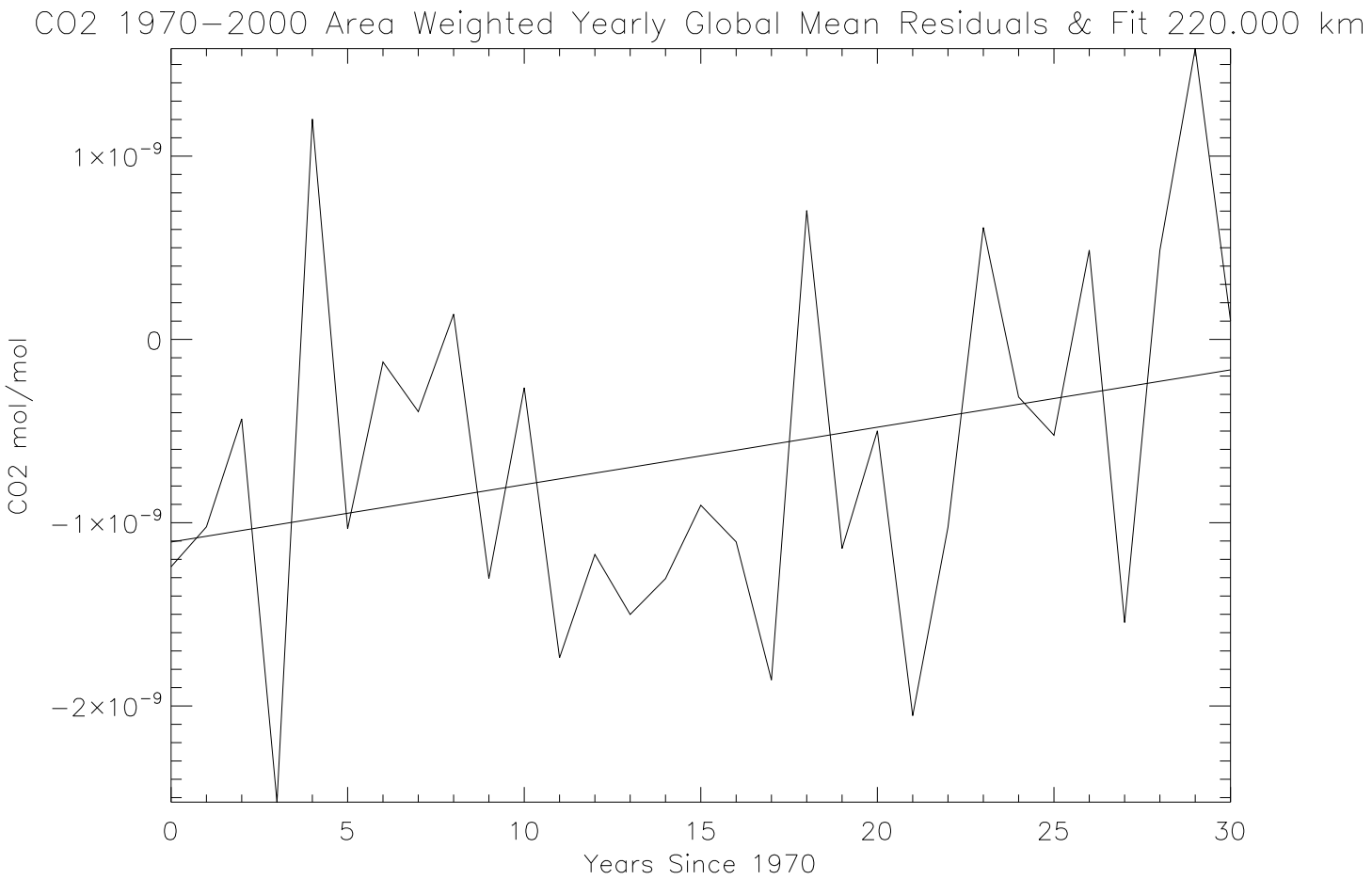

CO2 1955–2005 Area Weighted Yearly Global Mean Residuals & Fit 225.000 km
1×10⁻⁷
5×10⁻⁸
0
−5×10⁻⁸
CO2 mol/mol
0
10
20
30
40
50
Years Since 1955

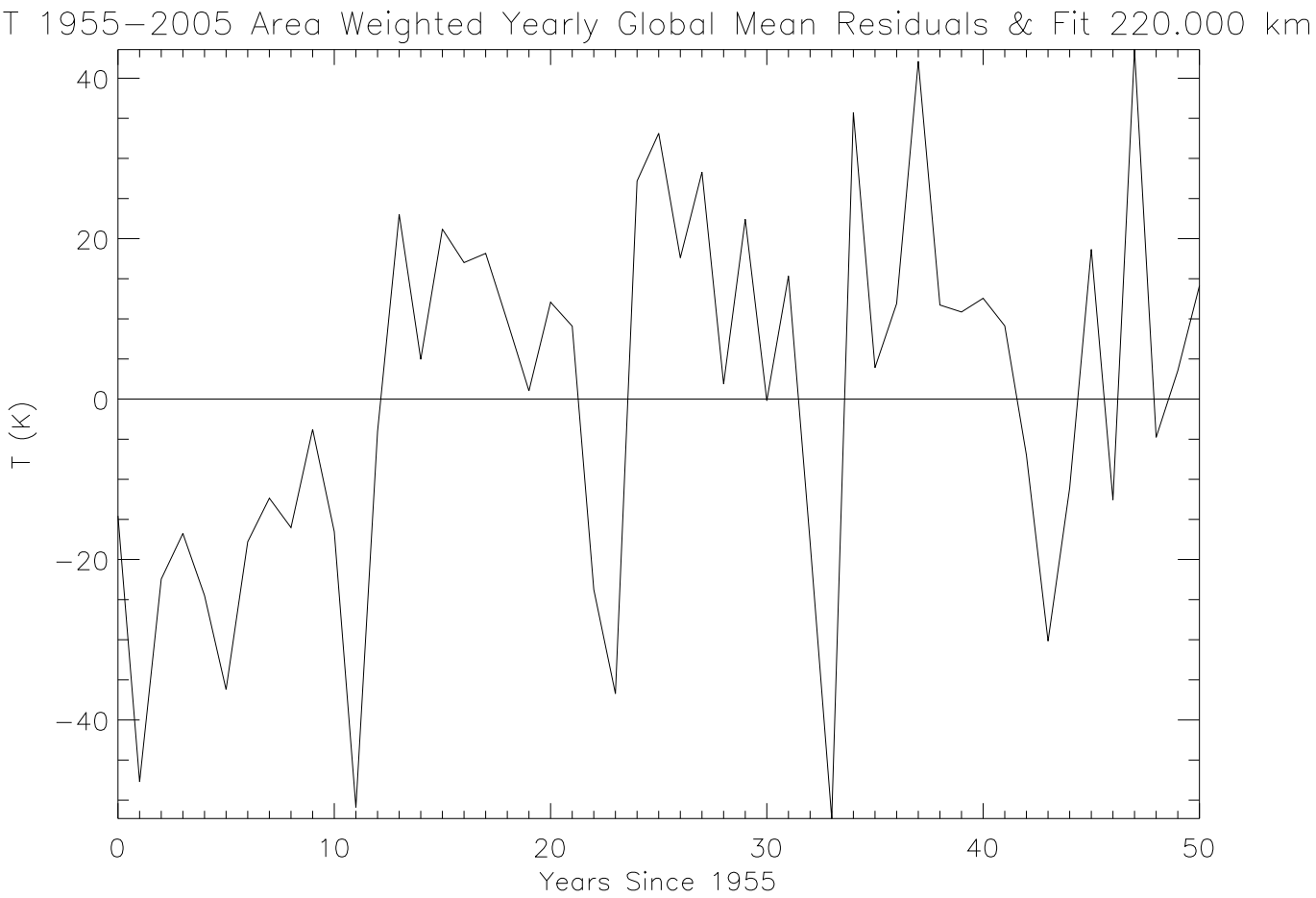

CO2 1970−2000 Area Weighted Yearly Global Mean Residuals & Fit 225.000 km
1×10⁻⁹
0
−1×10⁻⁹
−2×10⁻⁹
CO2 mol/mol
0
5
10
15
20
25
30
Years Since 1970

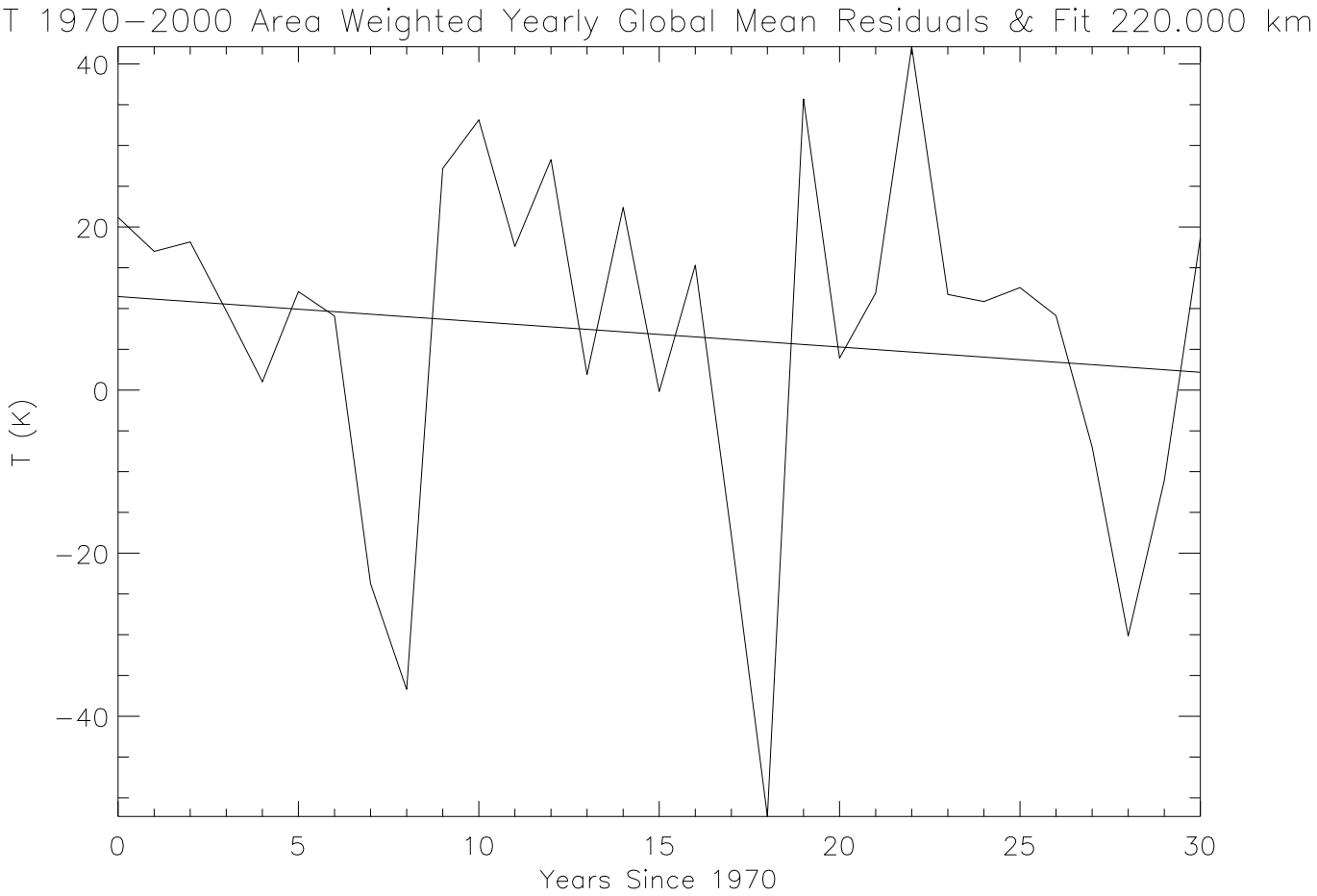

T 1955−2005 Area Weighted Yearly Global Mean Residuals & Fit 225.000 km
T (K)
40
20
0
−20
−40
0
10
20
30
40
50
Years Since 1955

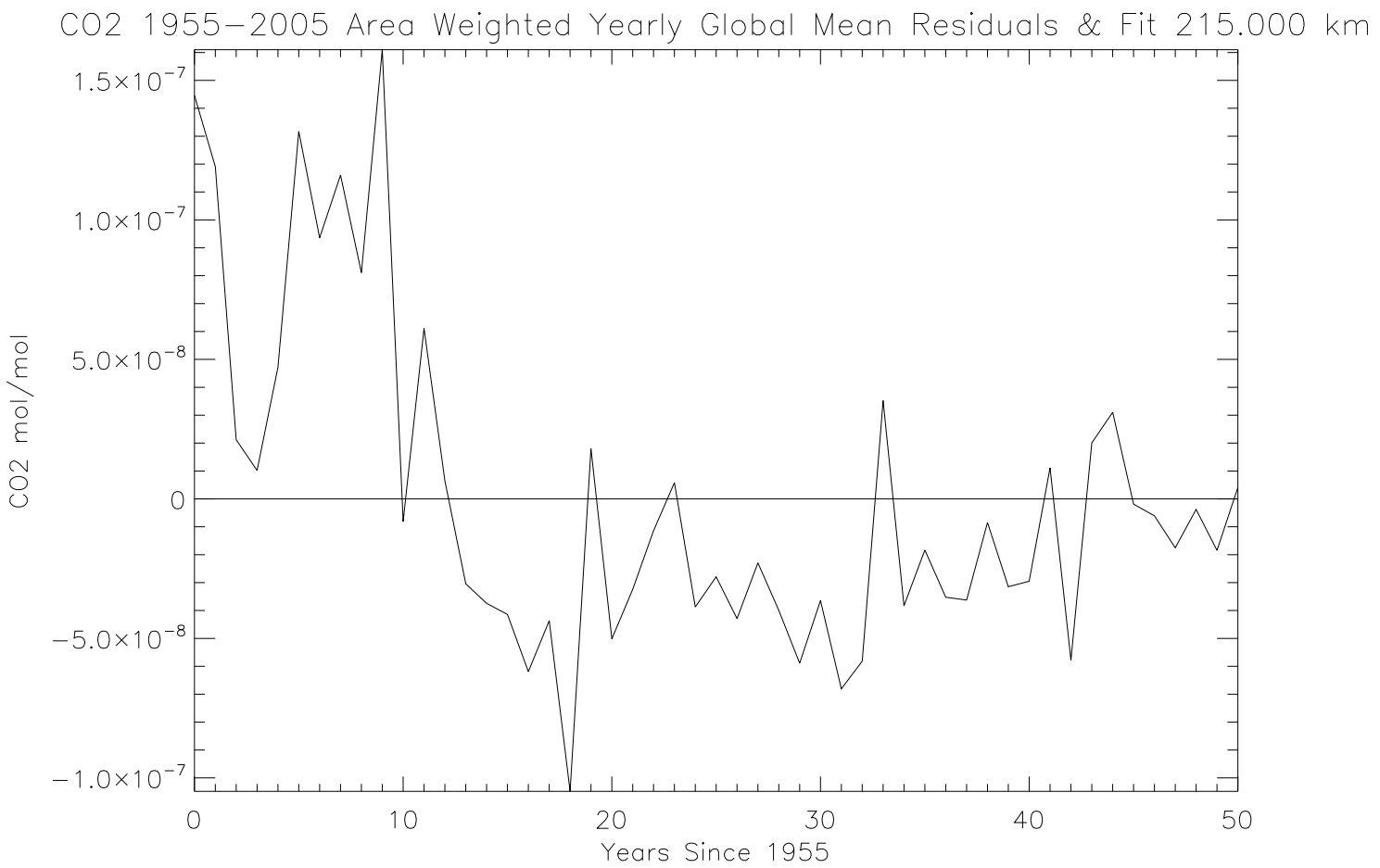

T 1970−2000 Area Weighted Yearly Global Mean Residuals & Fit 225.000 km
T (K)
40
20
0
−20
−40
0
5
10
15
20
25
30
Years Since 1970

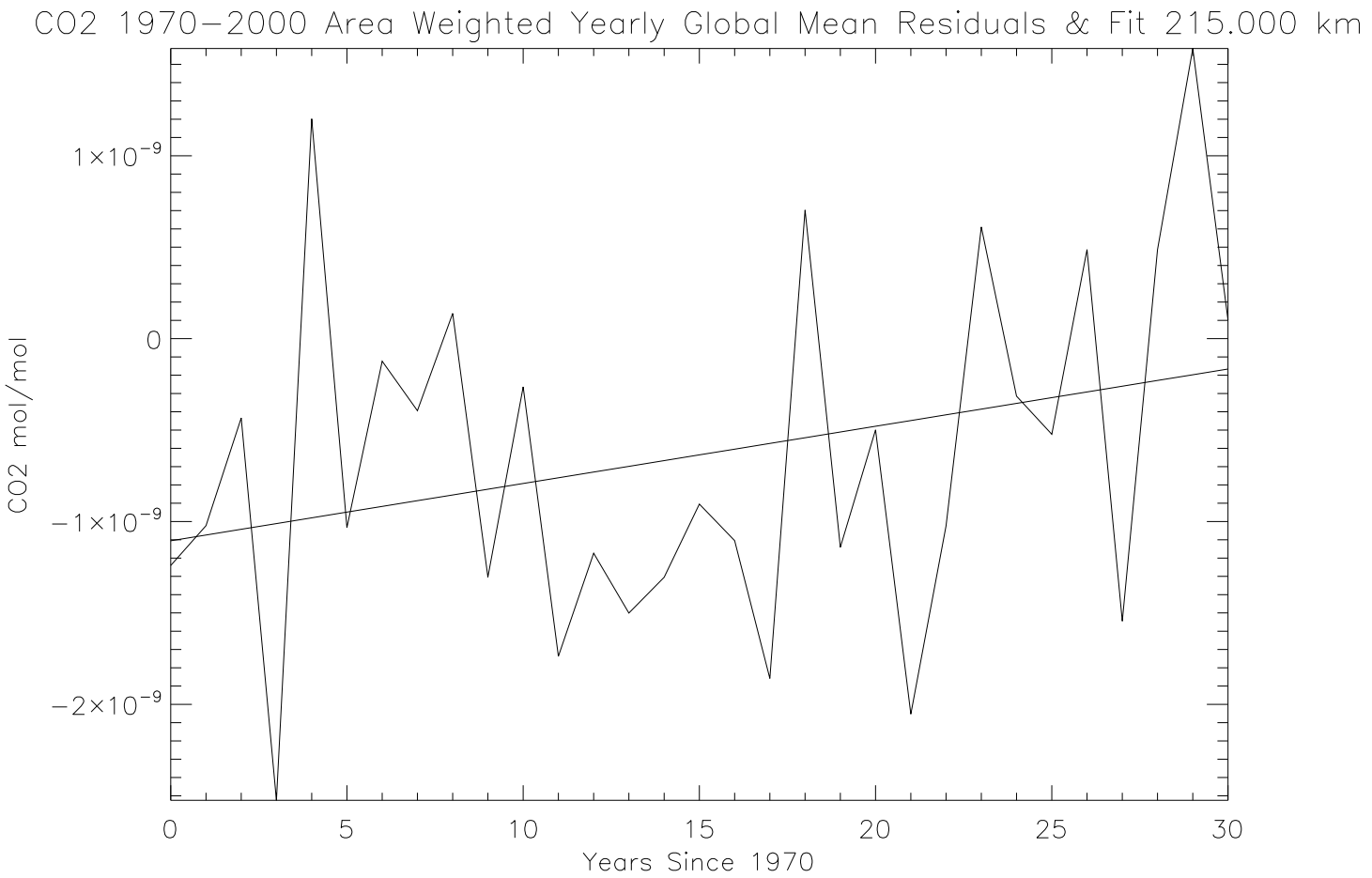

CO2 1955–2005 Area Weighted Yearly Global Mean Residuals & Fit 220.000 km
1×10^-7
5×10^-8
0
−5×10^-8
CO2 mol/mol
0
10
20
30
40
50
Years Since 1955

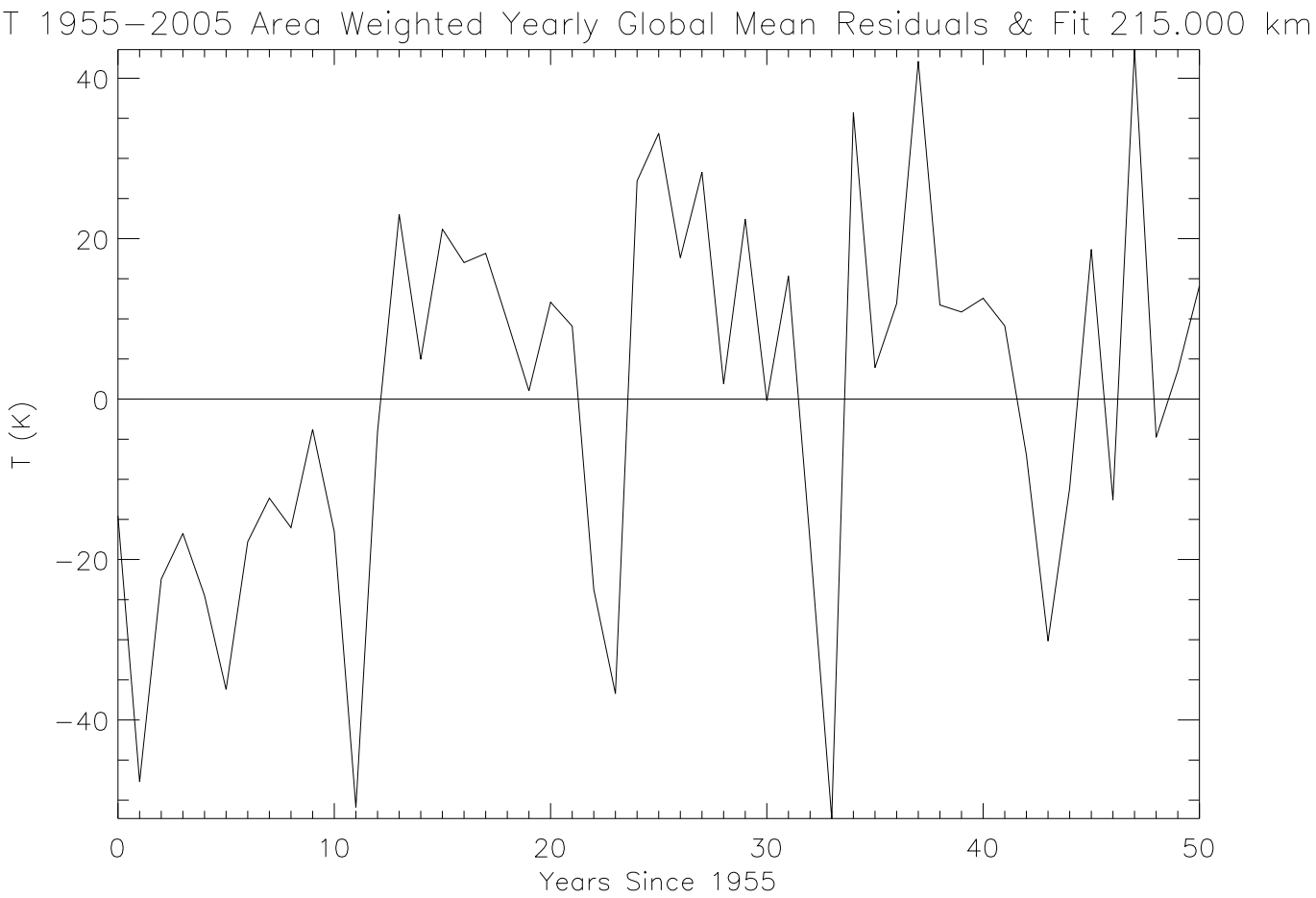

CO2 1970−2000 Area Weighted Yearly Global Mean Residuals & Fit 220.000 km
1×10⁻⁹
0
−1×10⁻⁹
−2×10⁻⁹
CO2 mol/mol
0
5
10
15
20
25
30
Years Since 1970

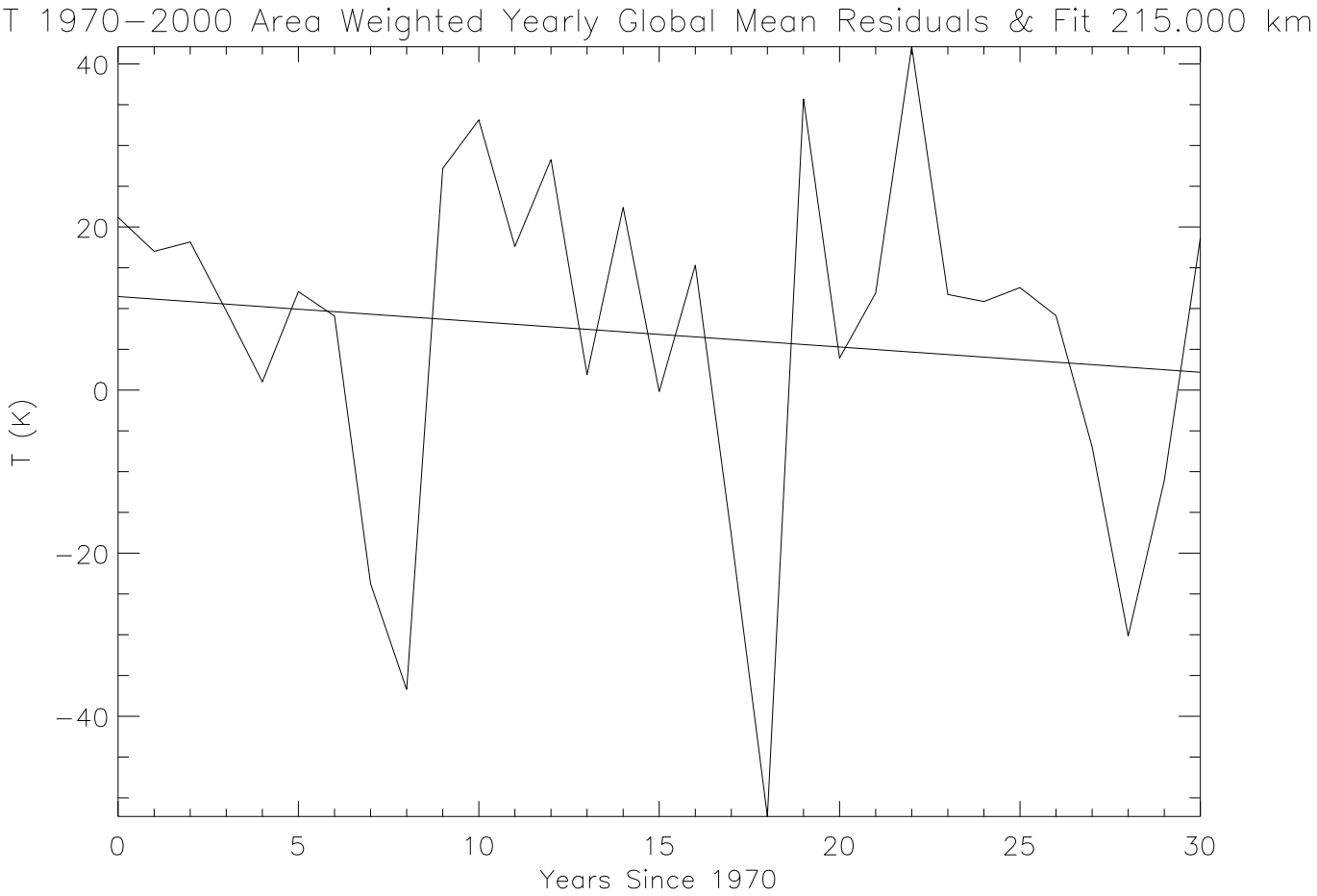

T 1955−2005 Area Weighted Yearly Global Mean Residuals & Fit 220.000 km
T (K)
40
20
0
−20
−40
0
10
20
30
40
50
Years Since 1955

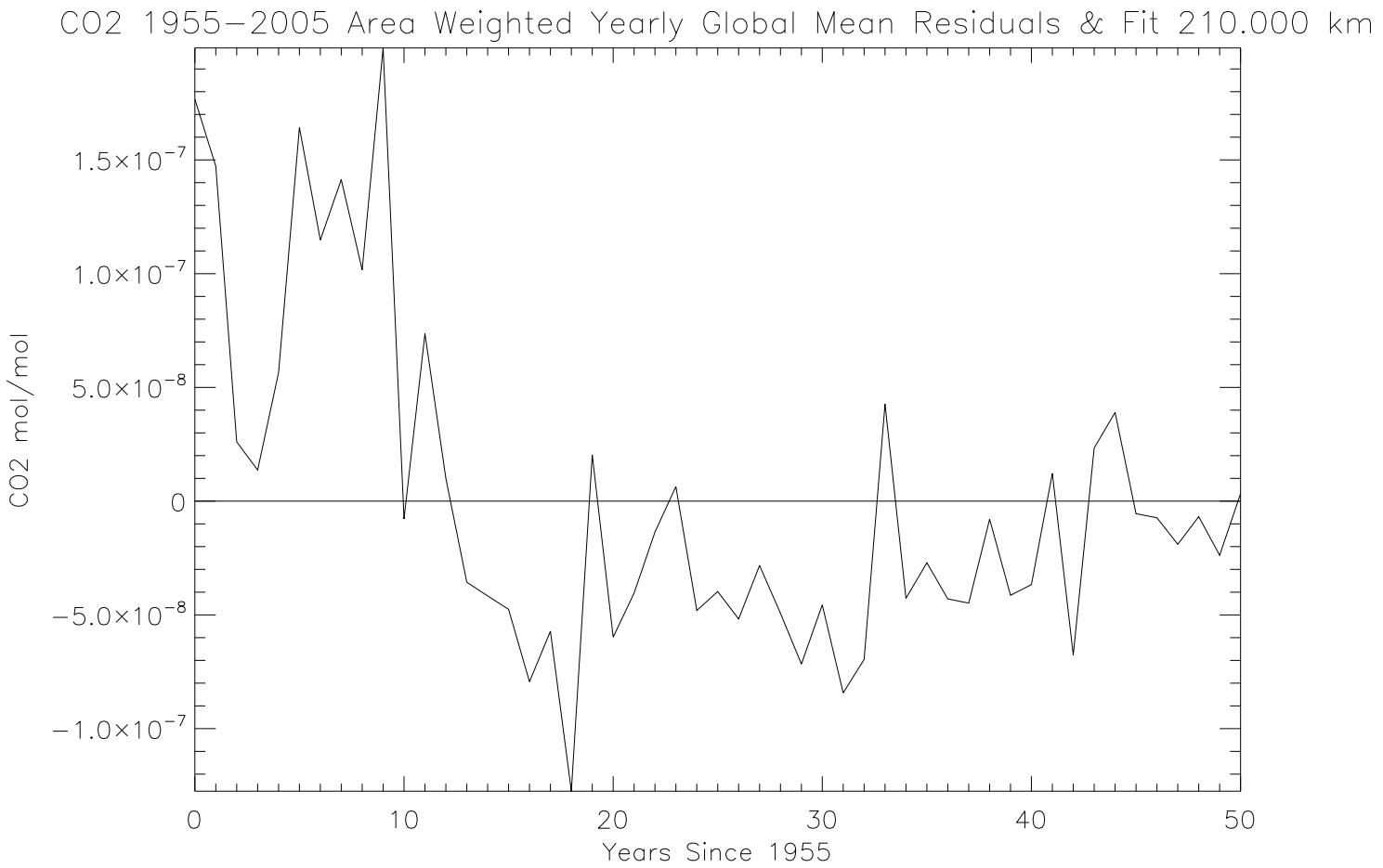

T 1970−2000 Area Weighted Yearly Global Mean Residuals & Fit 220.000 km
T (K)
40
20
0
−20
−40
0
5
10
15
20
25
30
Years Since 1970

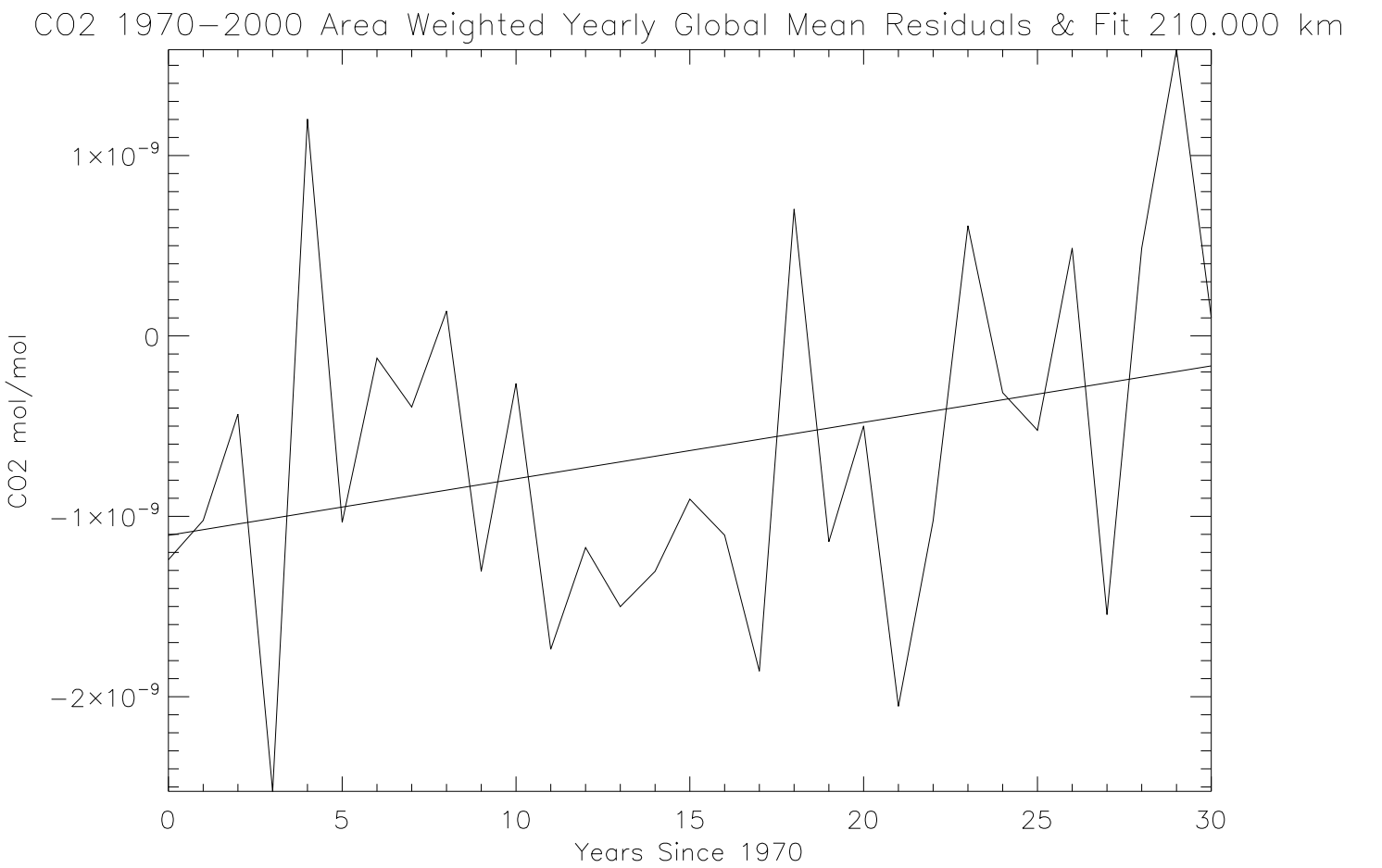

CO2 1955–2005 Area Weighted Yearly Global Mean Residuals & Fit 215.000 km
1.5×10⁻⁷
1.0×10⁻⁷
5.0×10⁻⁸
0
−5.0×10⁻⁸
−1.0×10⁻⁷
CO2 mol/mol
0
10
20
30
40
50
Years Since 1955

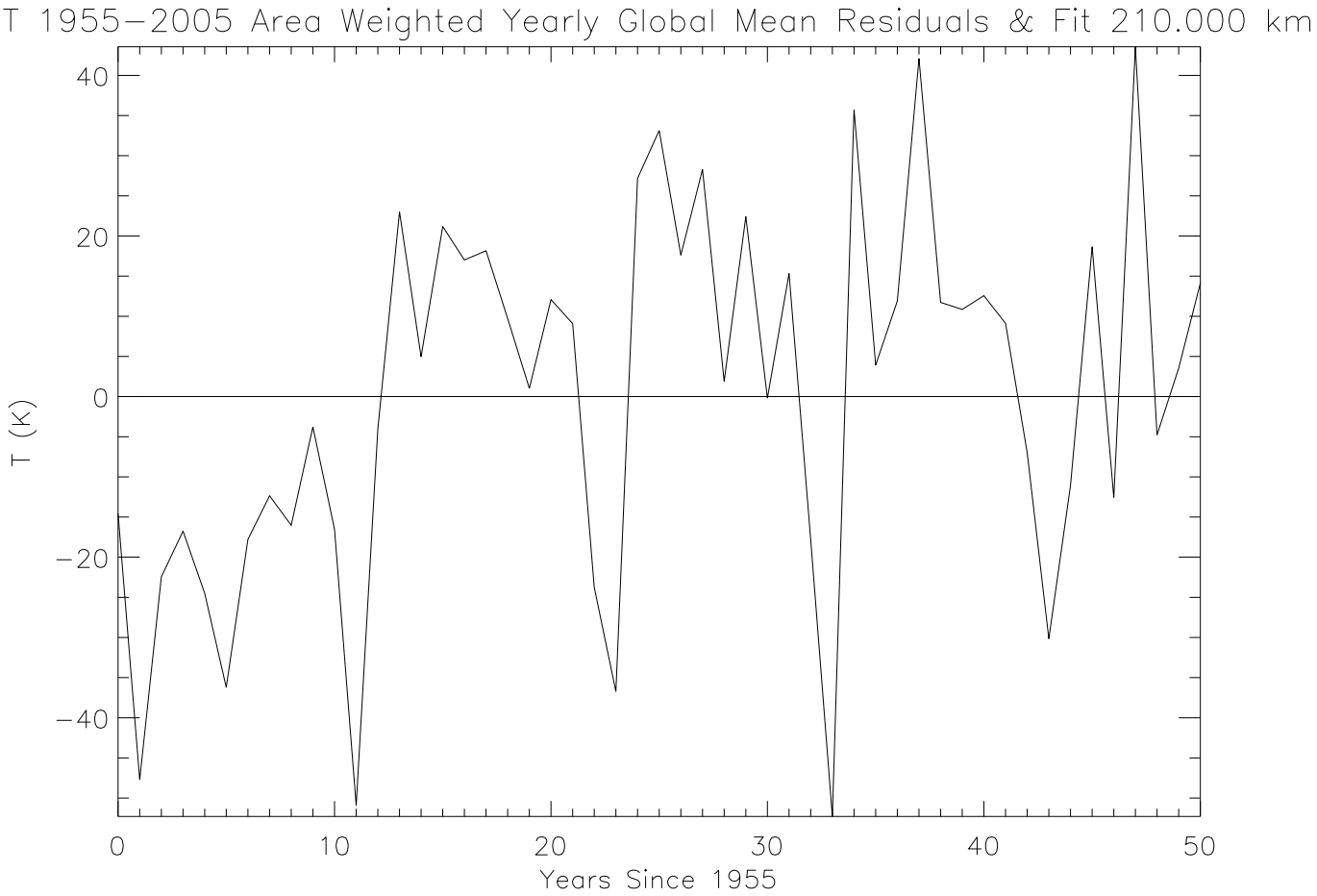

CO2 1970−2000 Area Weighted Yearly Global Mean Residuals & Fit 215.000 km
1×10⁻⁹
0
−1×10⁻⁹
−2×10⁻⁹
CO2 mol/mol
0
5
10
15
20
25
30
Years Since 1970

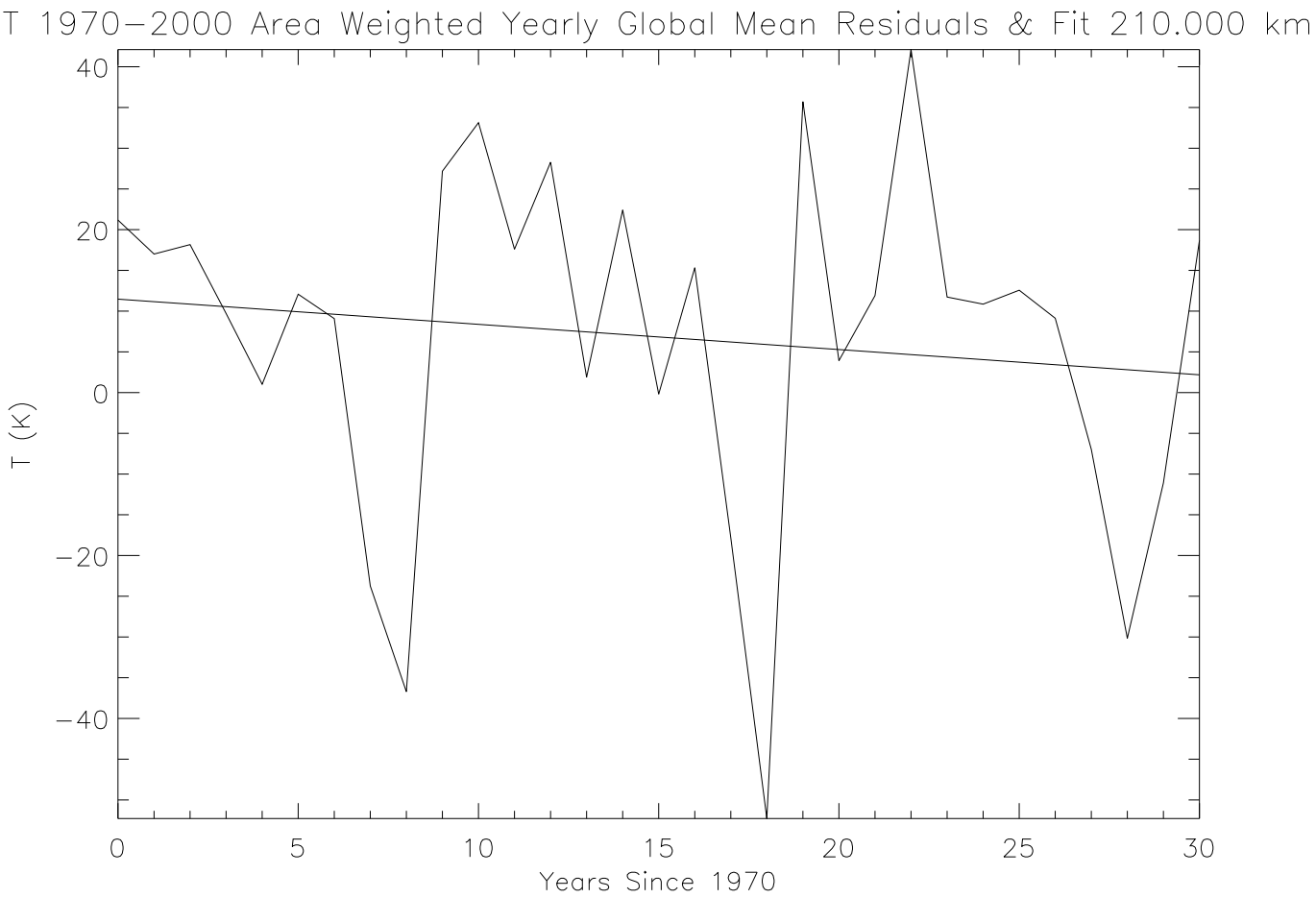

T 1955−2005 Area Weighted Yearly Global Mean Residuals & Fit 215.000 km
T (K)
40
20
0
−20
−40
0
10
20
30
40
50
Years Since 1955

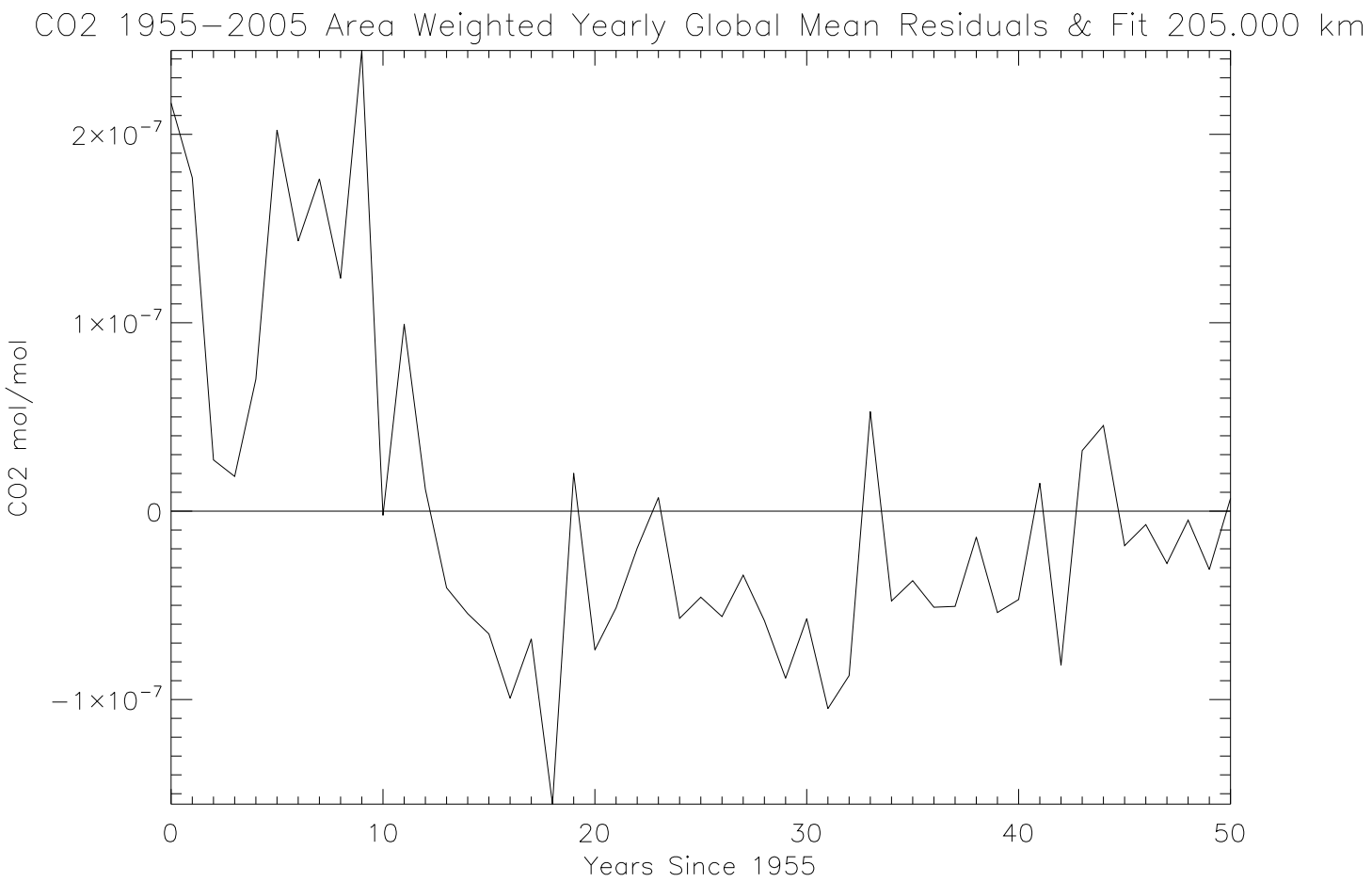

T 1970−2000 Area Weighted Yearly Global Mean Residuals & Fit 215.000 km
T (K)
40
20
0
−20
−40
0
5
10
15
20
25
30
Years Since 1970

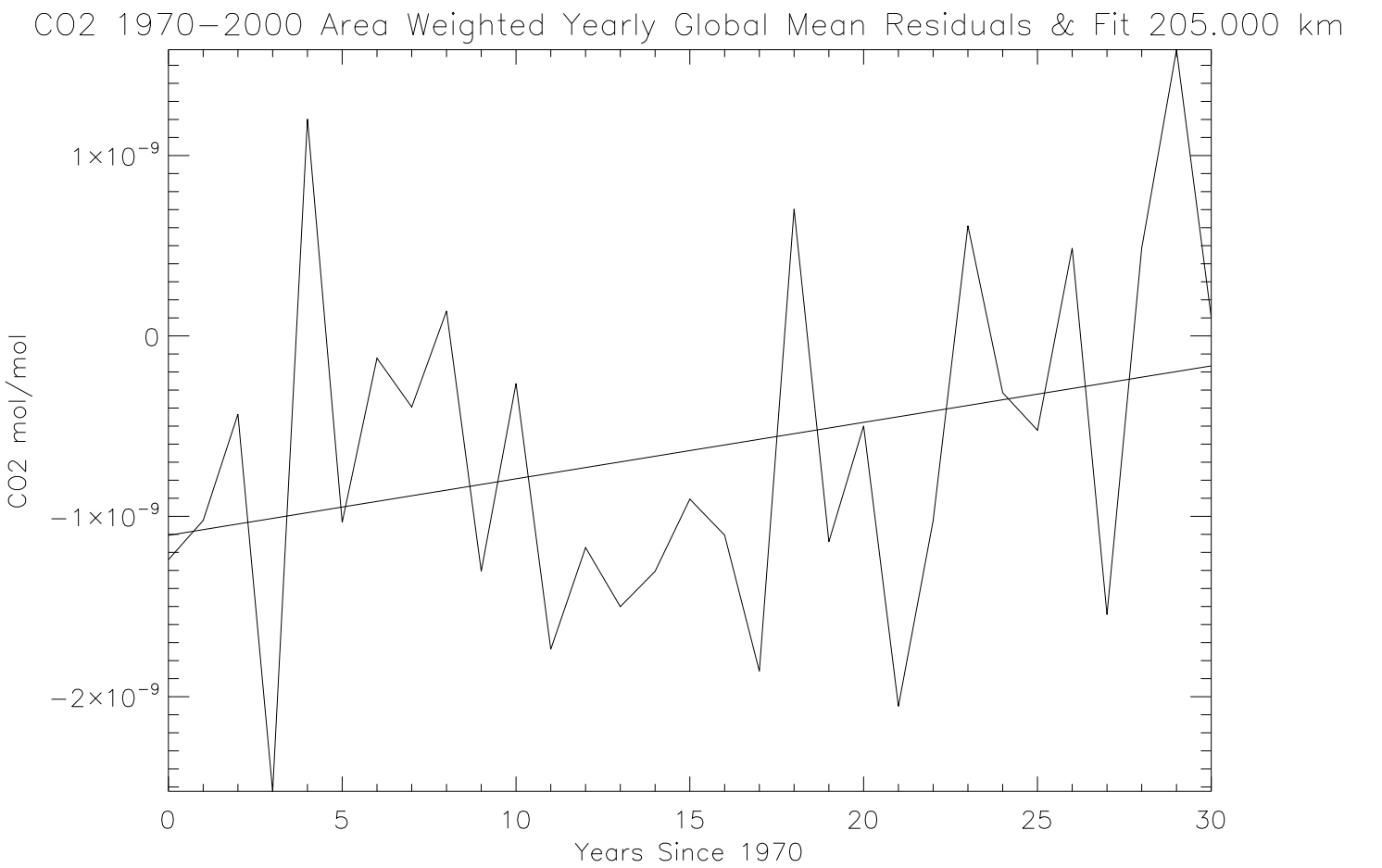

CO2 1955–2005 Area Weighted Yearly Global Mean Residuals & Fit 210.000 km
CO2 mol/mol
1.5×10⁻⁷
1.0×10⁻⁷
5.0×10⁻⁸
0
−5.0×10⁻⁸
−1.0×10⁻⁷
0
10
20
30
40
50
Years Since 1955

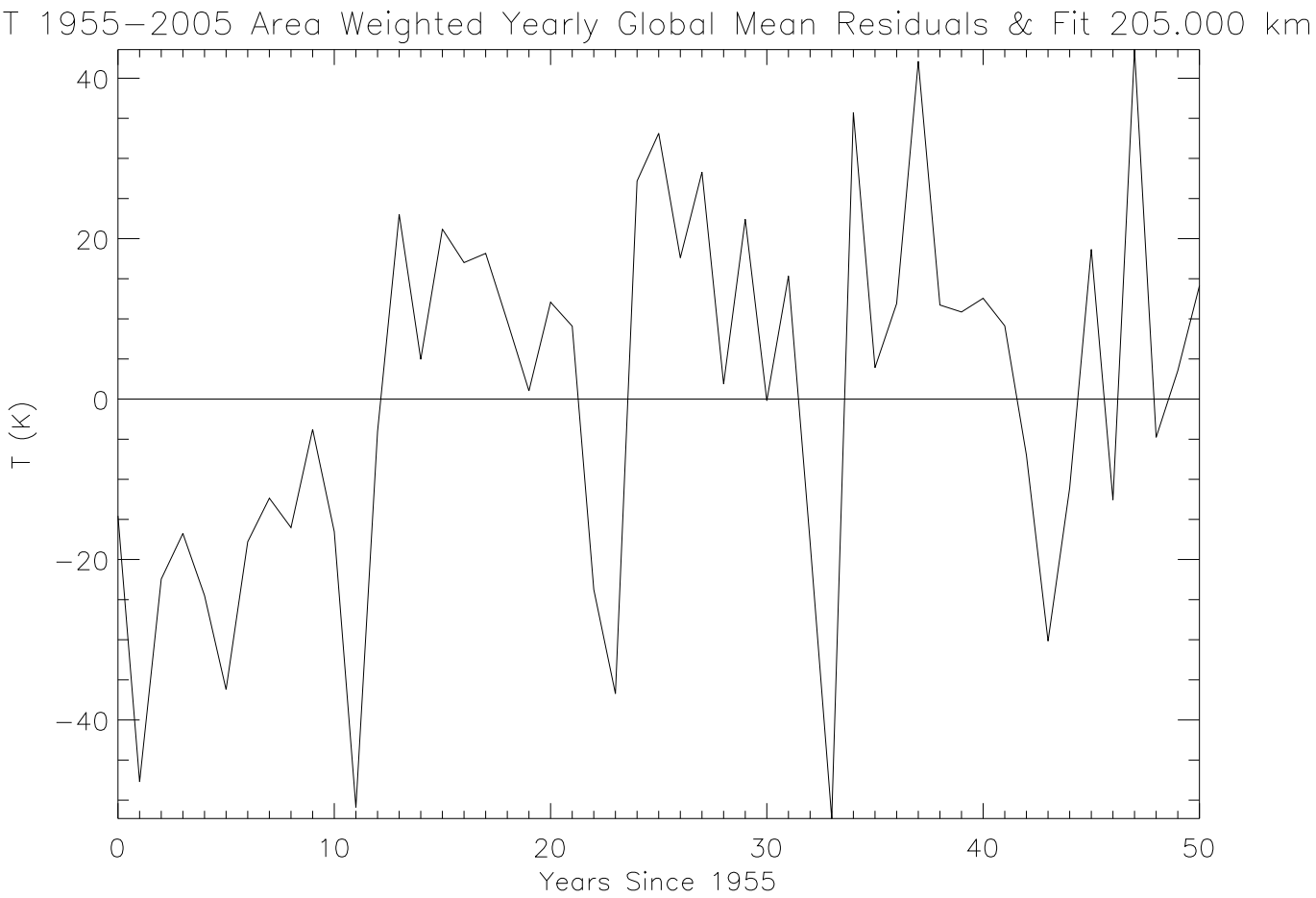

CO2 1970−2000 Area Weighted Yearly Global Mean Residuals & Fit 210.000 km
1×10⁻⁹
0
−1×10⁻⁹
−2×10⁻⁹
CO2 mol/mol
0
5
10
15
20
25
30
Years Since 1970

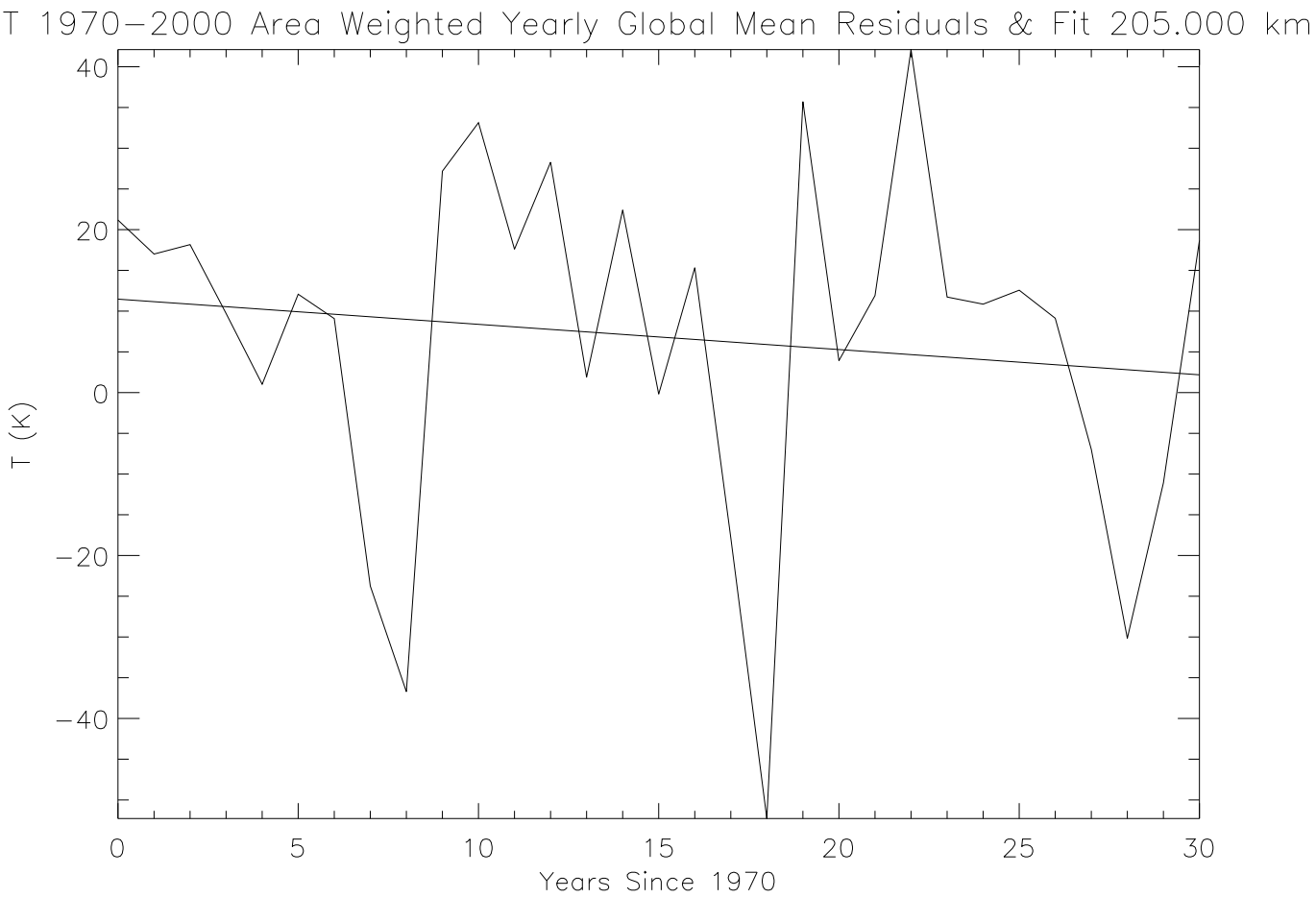

T 1955−2005 Area Weighted Yearly Global Mean Residuals & Fit 210.000 km
T (K)
40
20
0
−20
−40
0
10
20
30
40
50
Years Since 1955

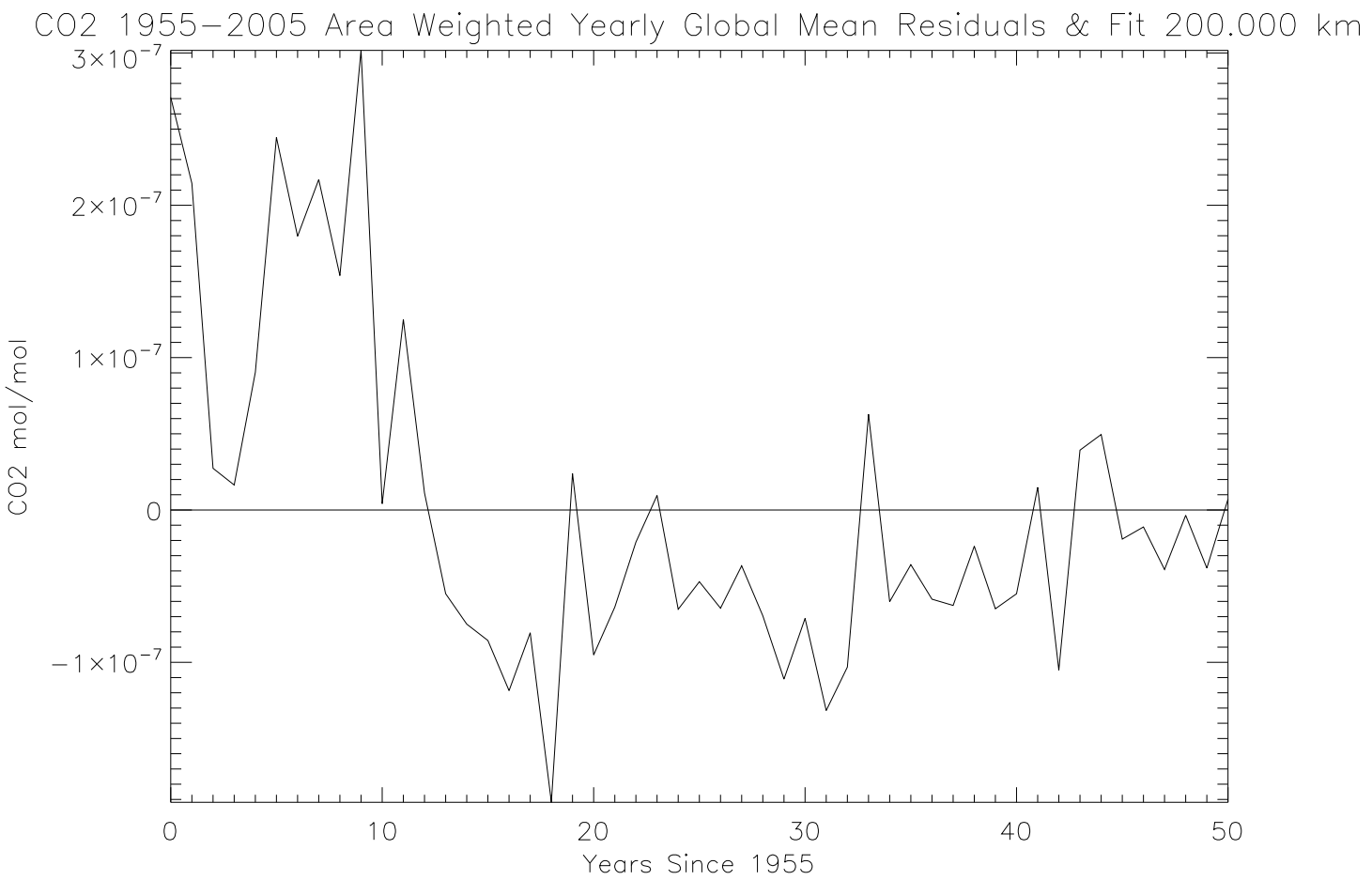

T 1970−2000 Area Weighted Yearly Global Mean Residuals & Fit 210.000 km
T (K)
40
20
0
−20
−40
0
5
10
15
20
25
30
Years Since 1970

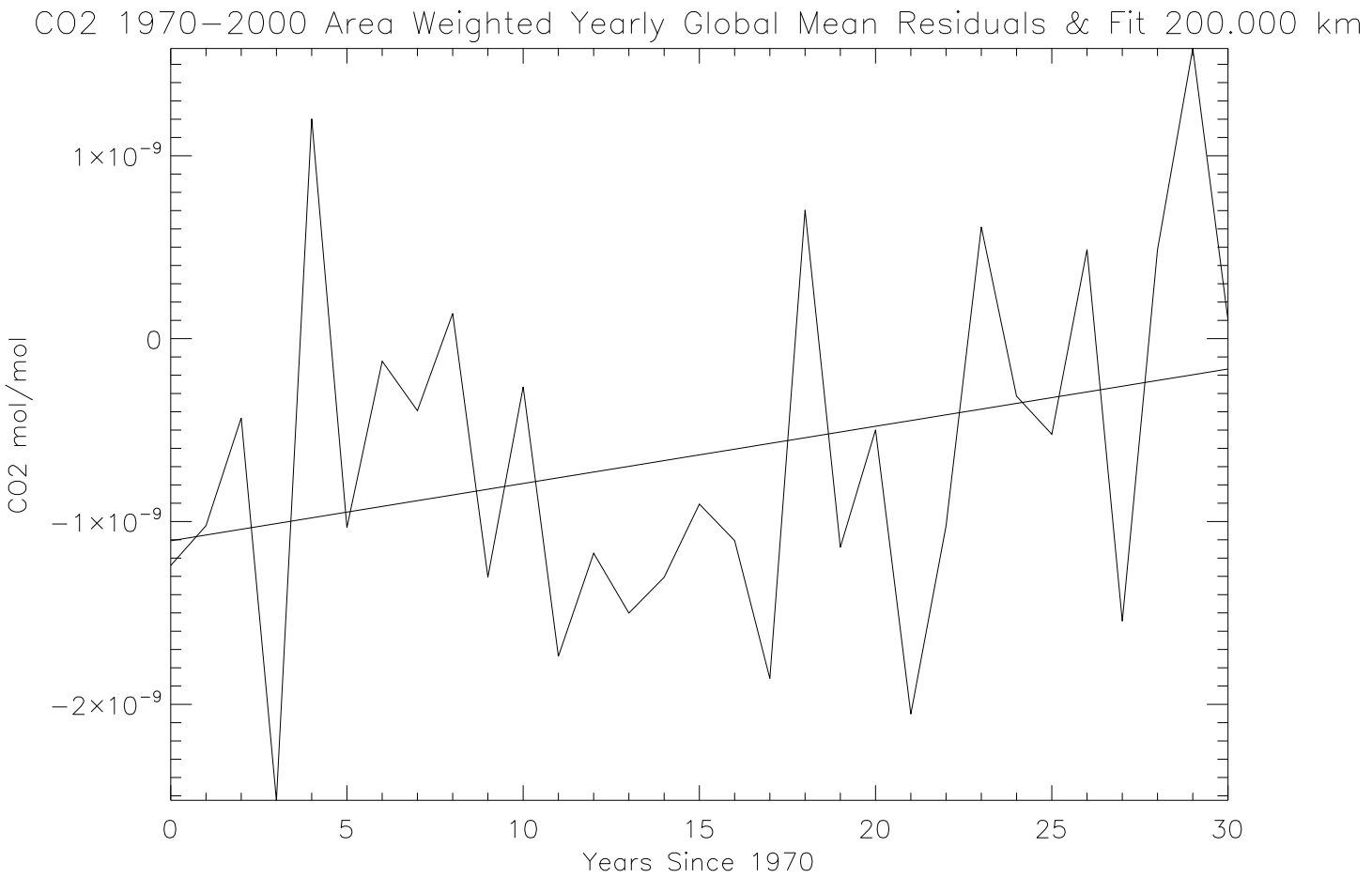

CO2 1955–2005 Area Weighted Yearly Global Mean Residuals & Fit 205.000 km
2×10⁻⁷
1×10⁻⁷
0
−1×10⁻⁷
CO2 mol/mol
0
10
20
30
40
50
Years Since 1955

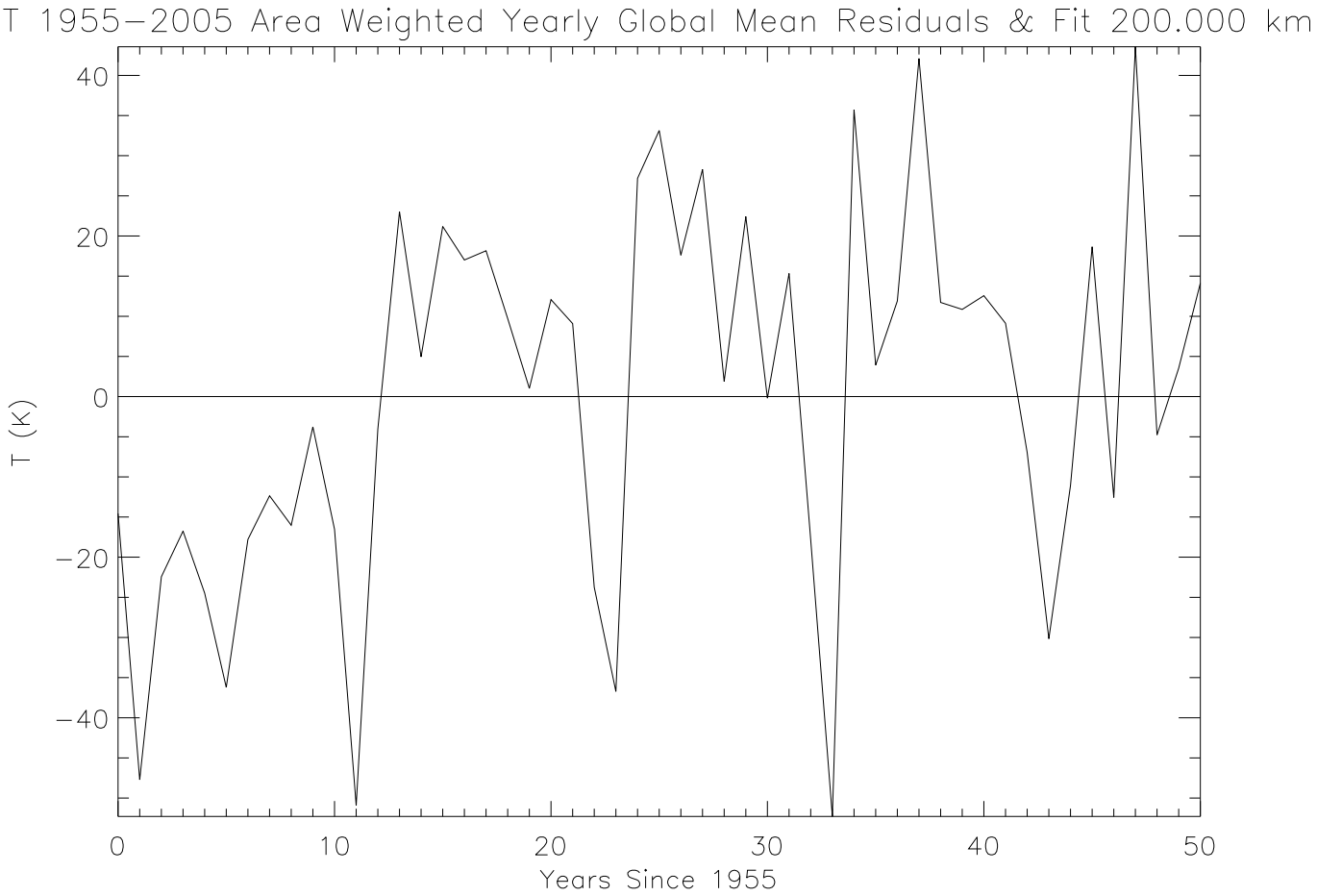

CO2 1970–2000 Area Weighted Yearly Global Mean Residuals & Fit 205.000 km
1×10⁻⁹
0
−1×10⁻⁹
−2×10⁻⁹
CO2 mol/mol
0
5
10
15
20
25
30
Years Since 1970

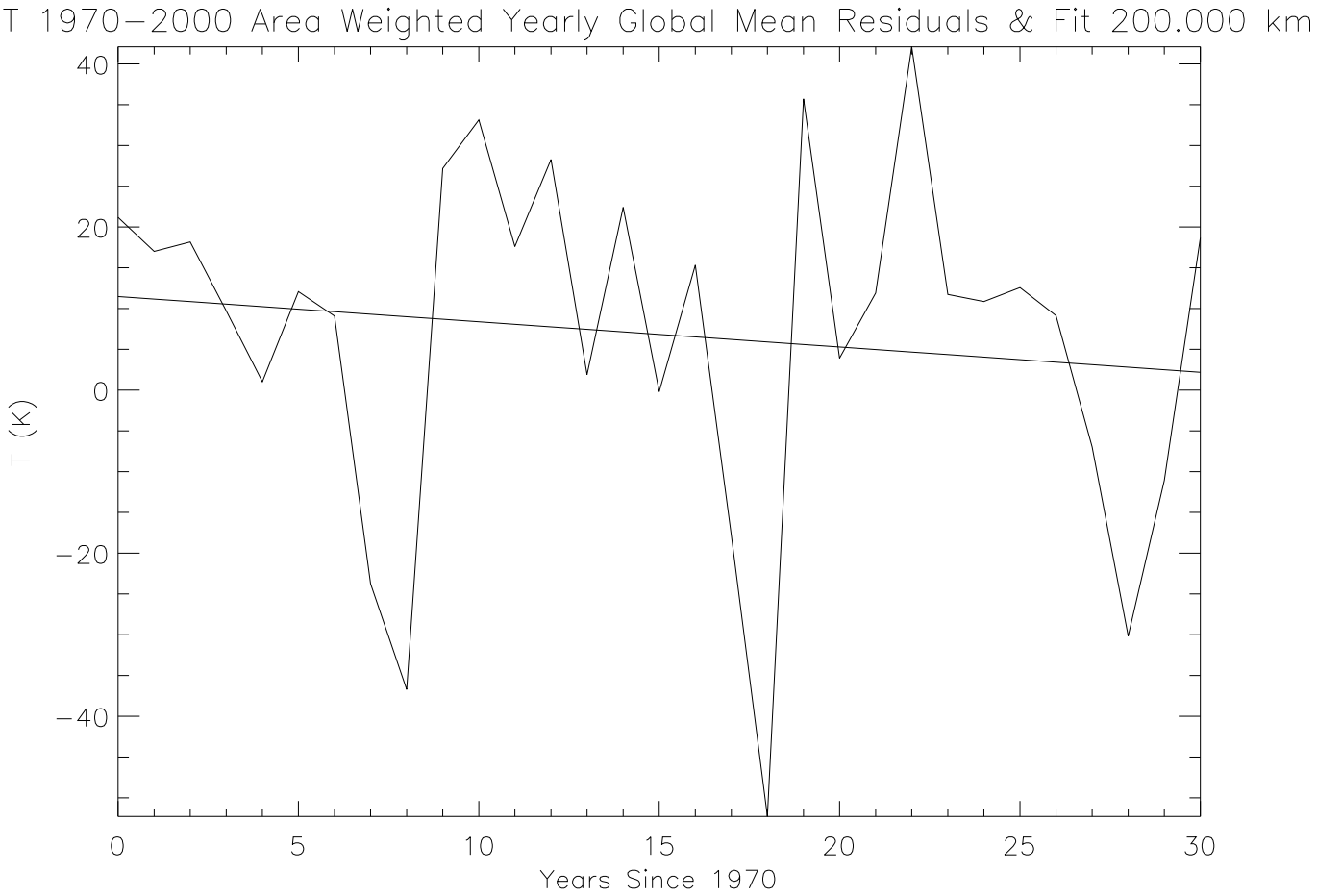

T 1955−2005 Area Weighted Yearly Global Mean Residuals & Fit 205.000 km
T (K)
40
20
0
−20
−40
0
10
20
30
40
50
Years Since 1955

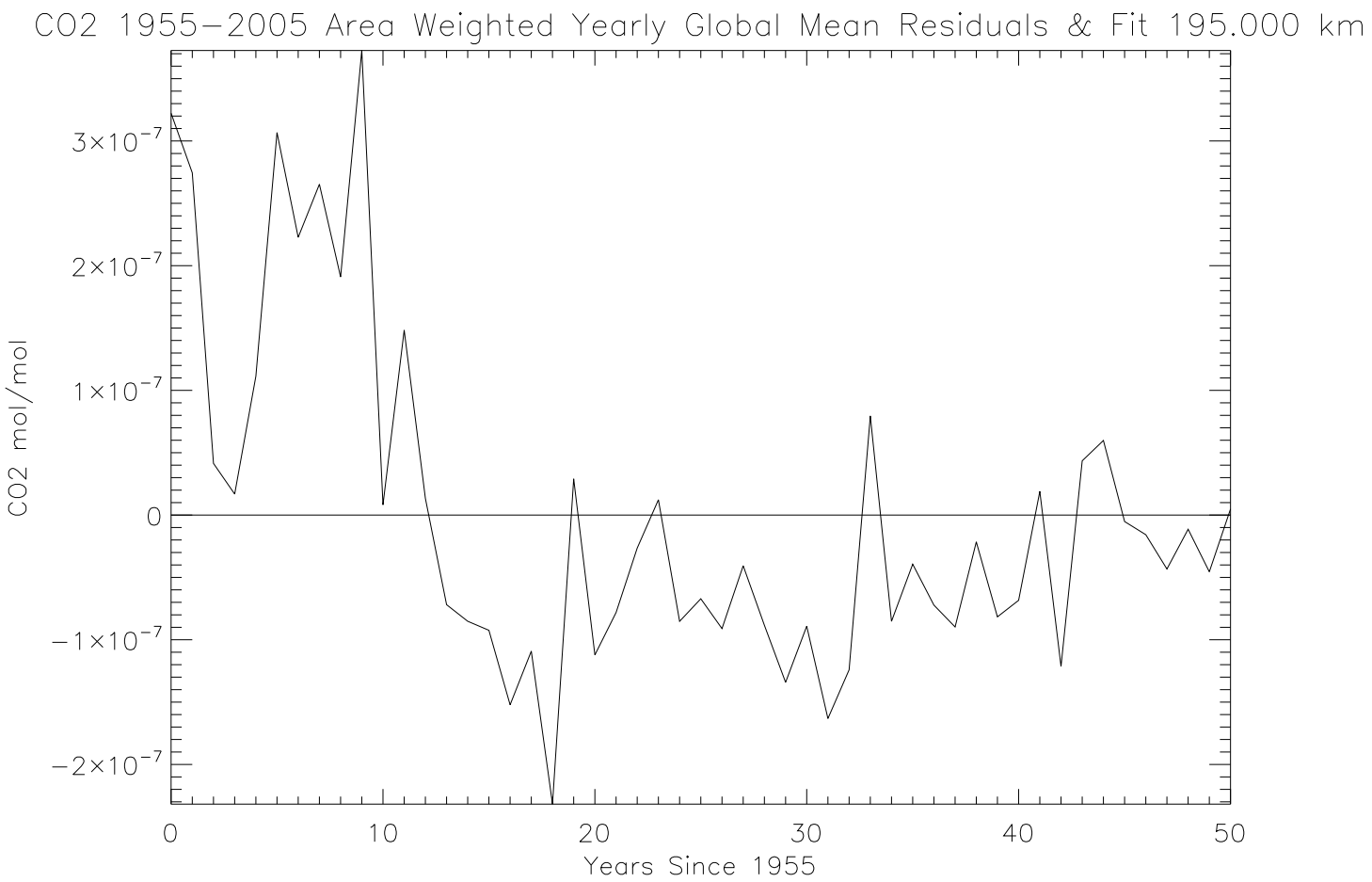

T 1970−2000 Area Weighted Yearly Global Mean Residuals & Fit 205.000 km
40
20
0
−20
−40
T (K)
0
5
10
15
20
25
30
Years Since 1970

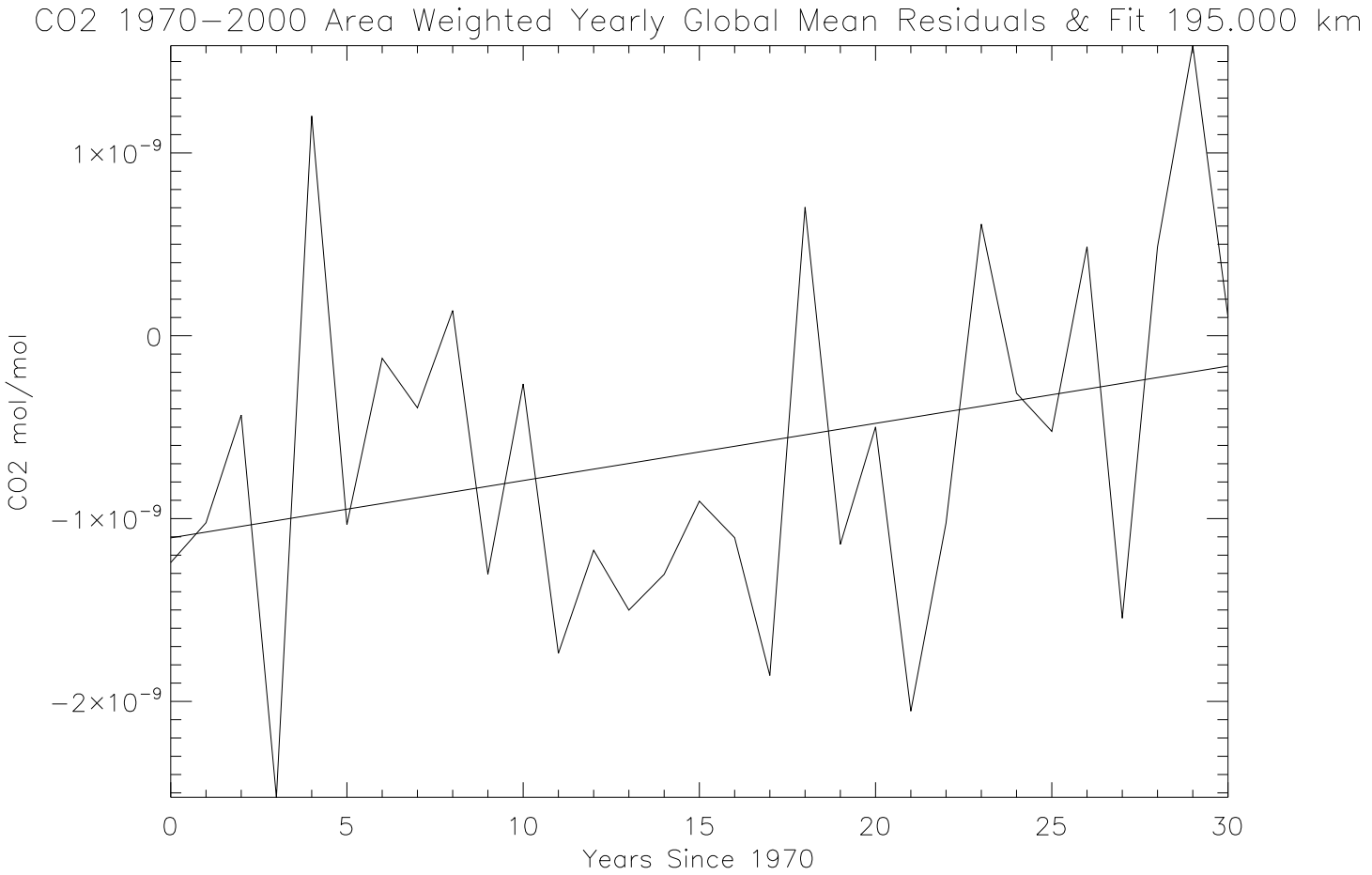

CO2 1955–2005 Area Weighted Yearly Global Mean Residuals & Fit 200.000 km
3×10⁻⁷
2×10⁻⁷
1×10⁻⁷
0
−1×10⁻⁷
CO2 mol/mol
0
10
20
30
40
50
Years Since 1955

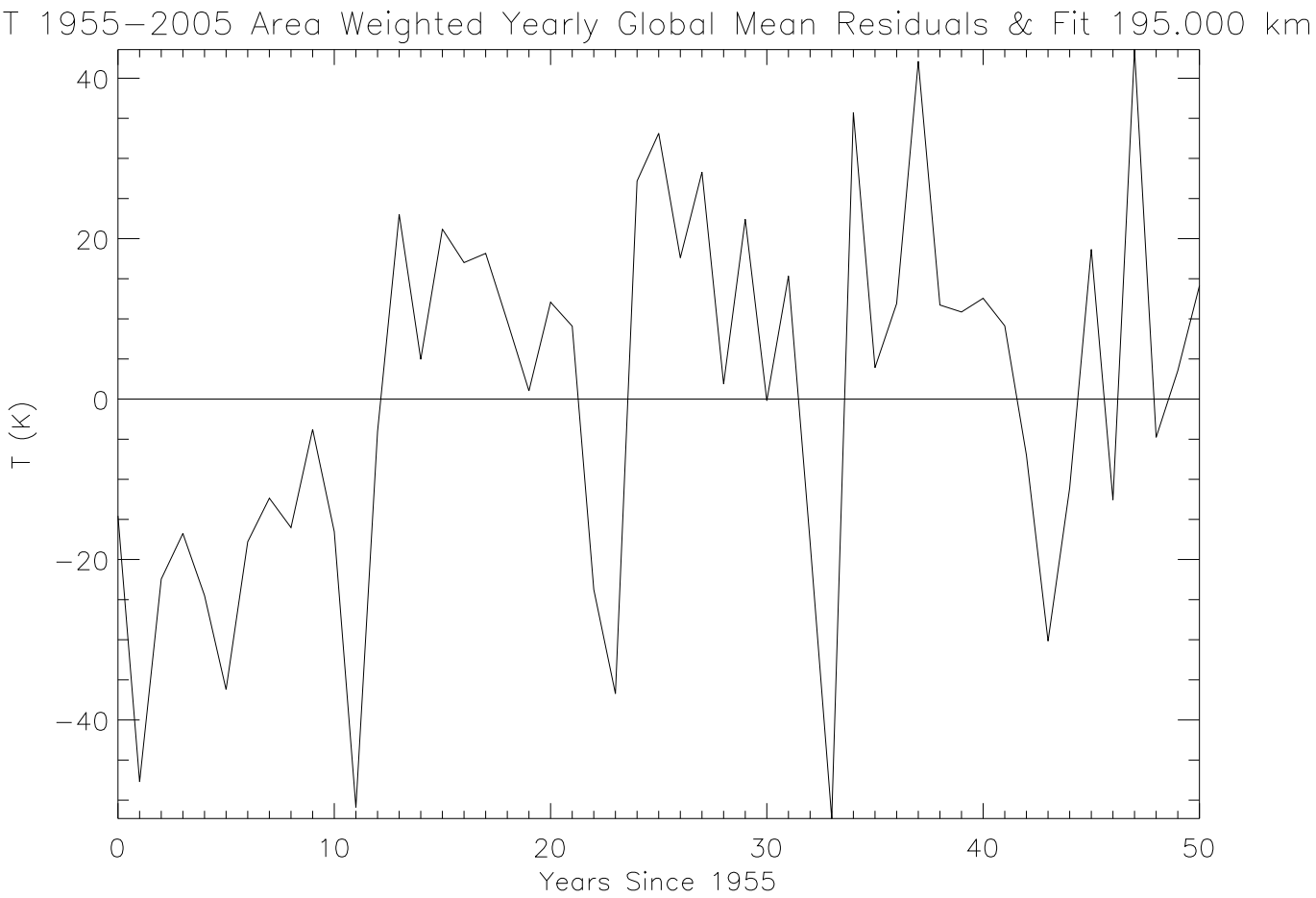

CO2 1970–2000 Area Weighted Yearly Global Mean Residuals & Fit 200.000 km
1×10⁻⁹
0
−1×10⁻⁹
−2×10⁻⁹
CO2 mol/mol
0
5
10
15
20
25
30
Years Since 1970

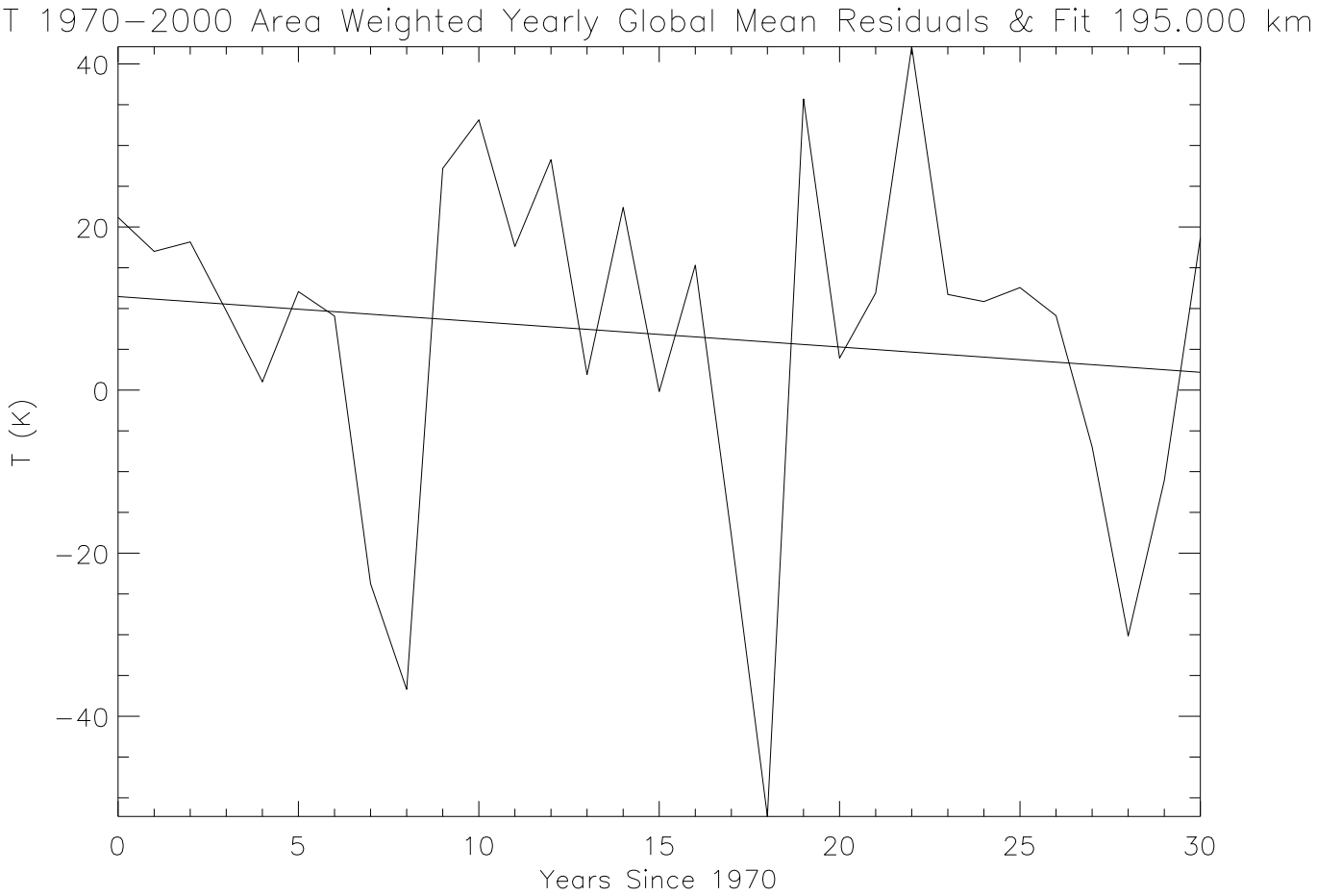

T 1955−2005 Area Weighted Yearly Global Mean Residuals & Fit 200.000 km
T (K)
40
20
0
−20
−40
0
10
20
30
40
50
Years Since 1955

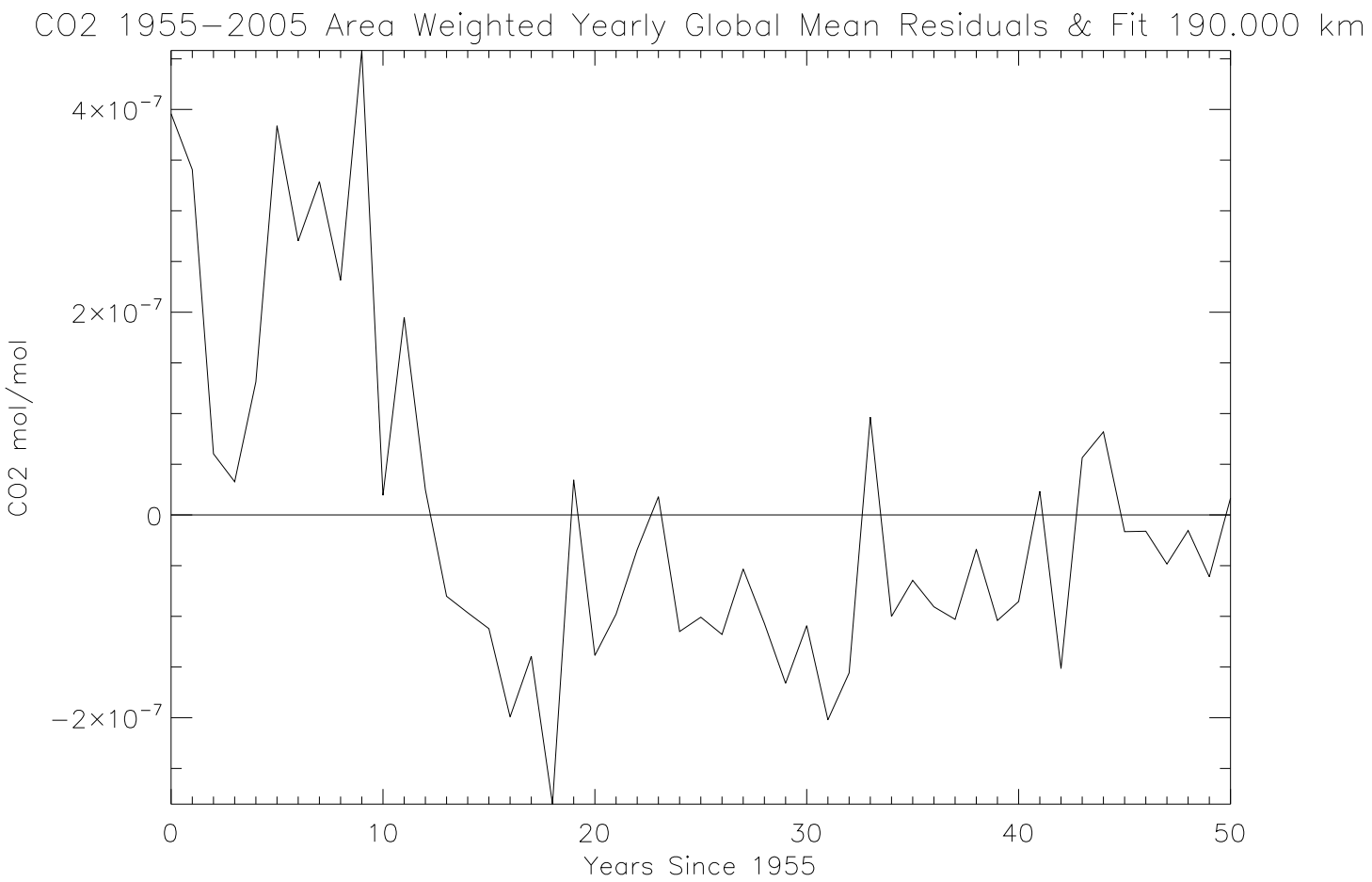

T 1970−2000 Area Weighted Yearly Global Mean Residuals & Fit 200.000 km
T (K)
40
20
0
−20
−40
0
5
10
15
20
25
30
Years Since 1970

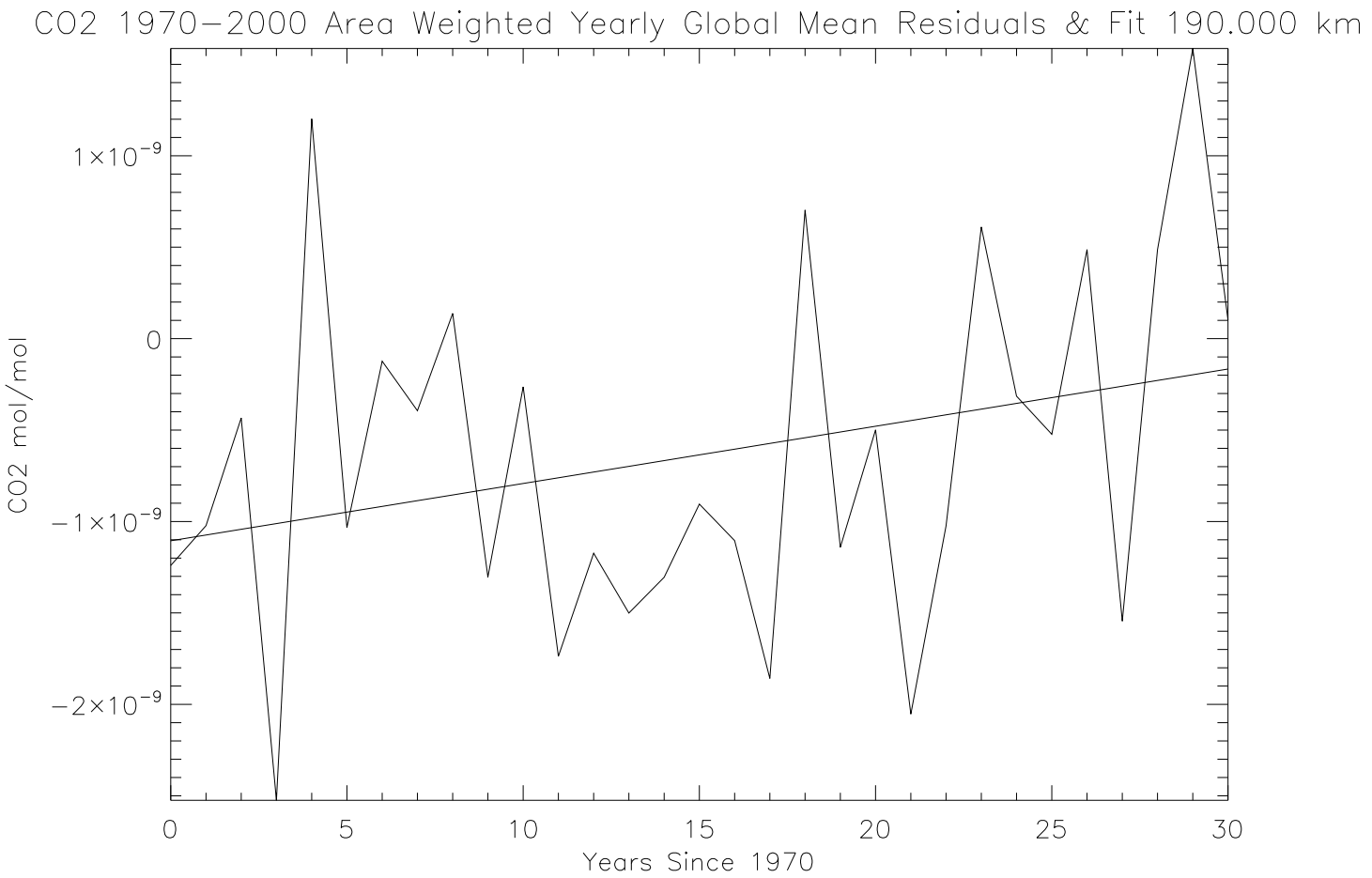

CO2 1955–2005 Area Weighted Yearly Global Mean Residuals & Fit 195.000 km
CO2 mol/mol
3×10⁻⁷
2×10⁻⁷
1×10⁻⁷
0
−1×10⁻⁷
−2×10⁻⁷
0
10
20
30
40
50
Years Since 1955

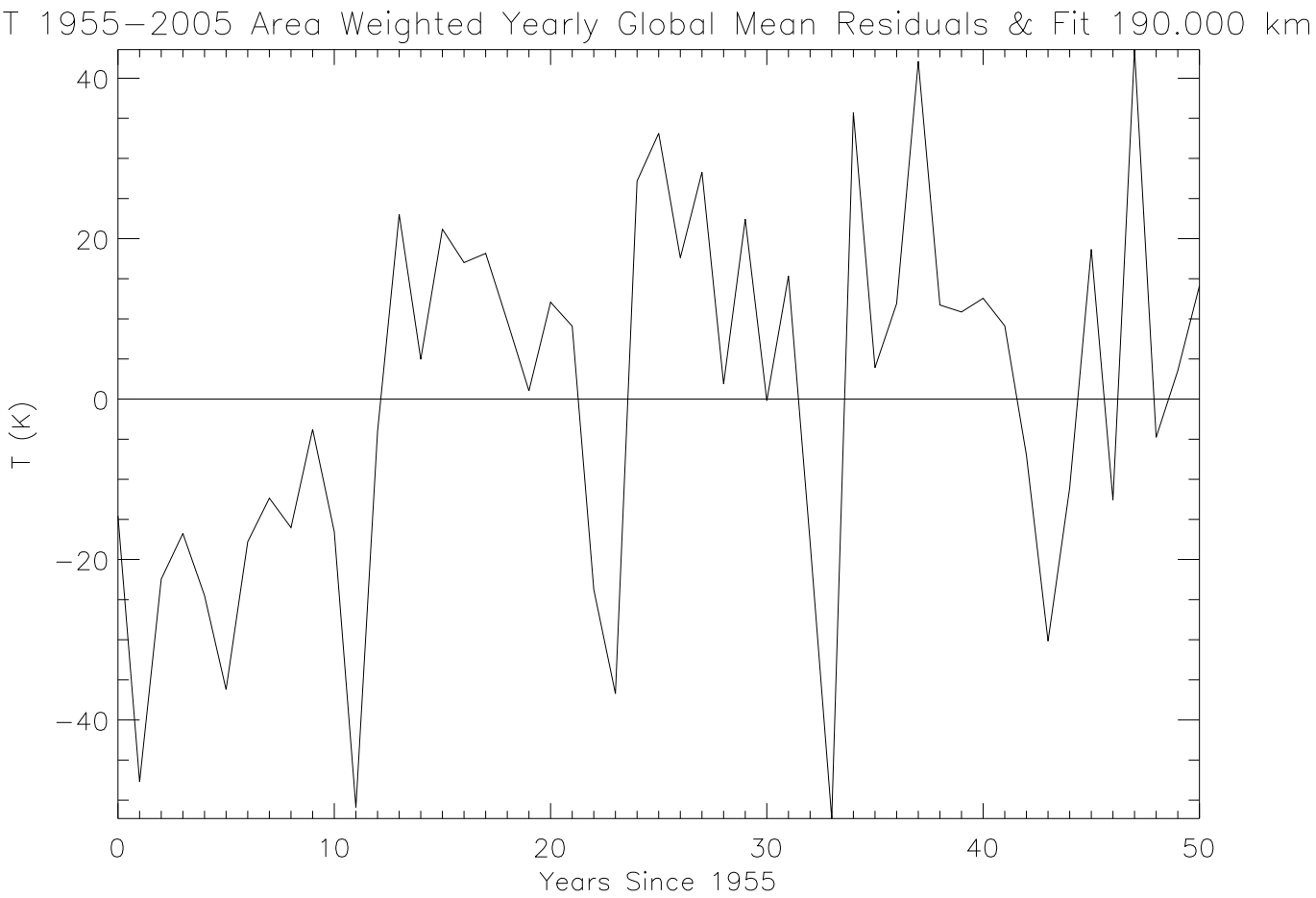

CO2 1970–2000 Area Weighted Yearly Global Mean Residuals & Fit 195.000 km
1×10⁻⁹
0
−1×10⁻⁹
−2×10⁻⁹
CO2 mol/mol
0
5
10
15
20
25
30
Years Since 1970

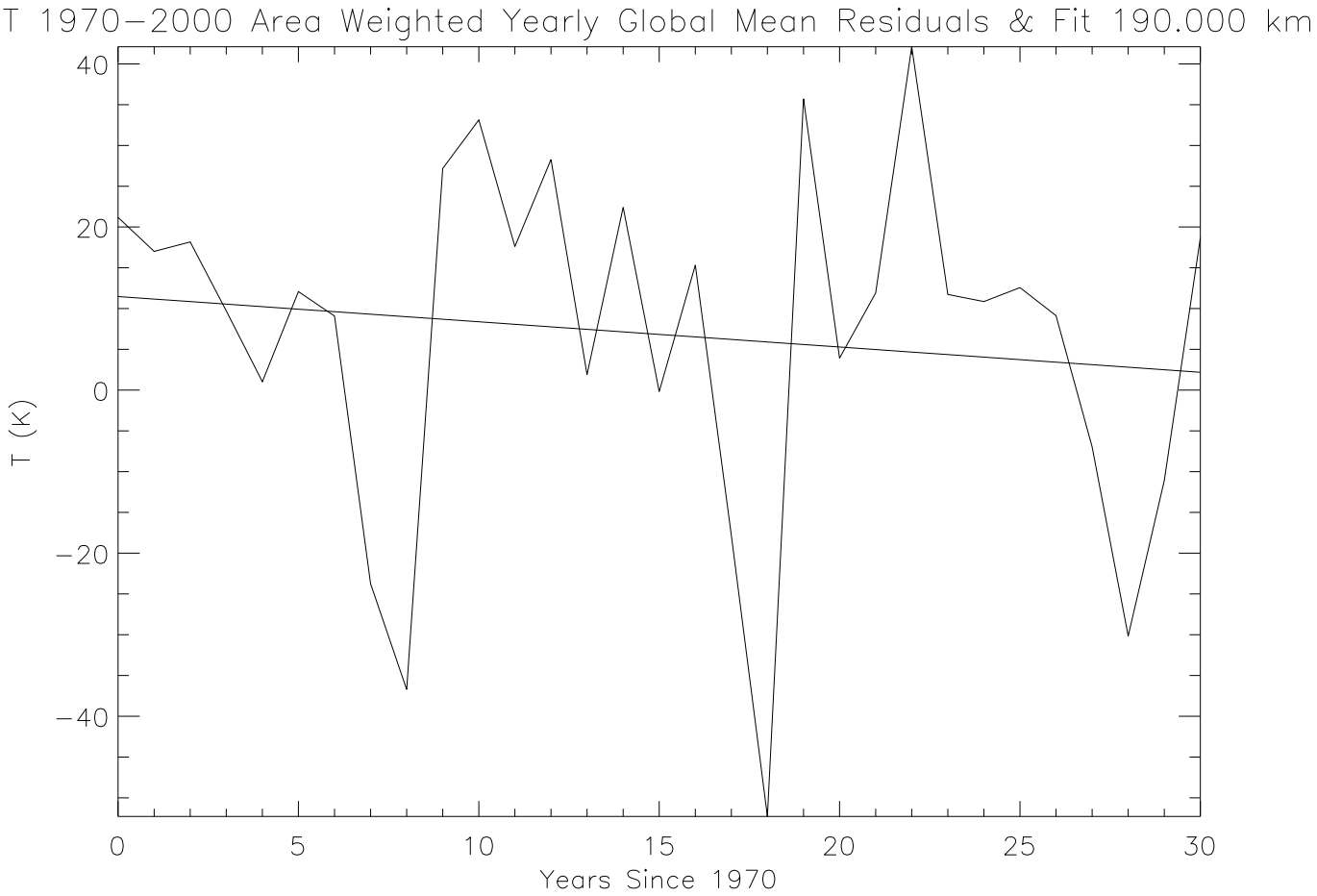

T 1955−2005 Area Weighted Yearly Global Mean Residuals & Fit 195.000 km
T (K)
40
20
0
−20
−40
0
10
20
30
40
50
Years Since 1955

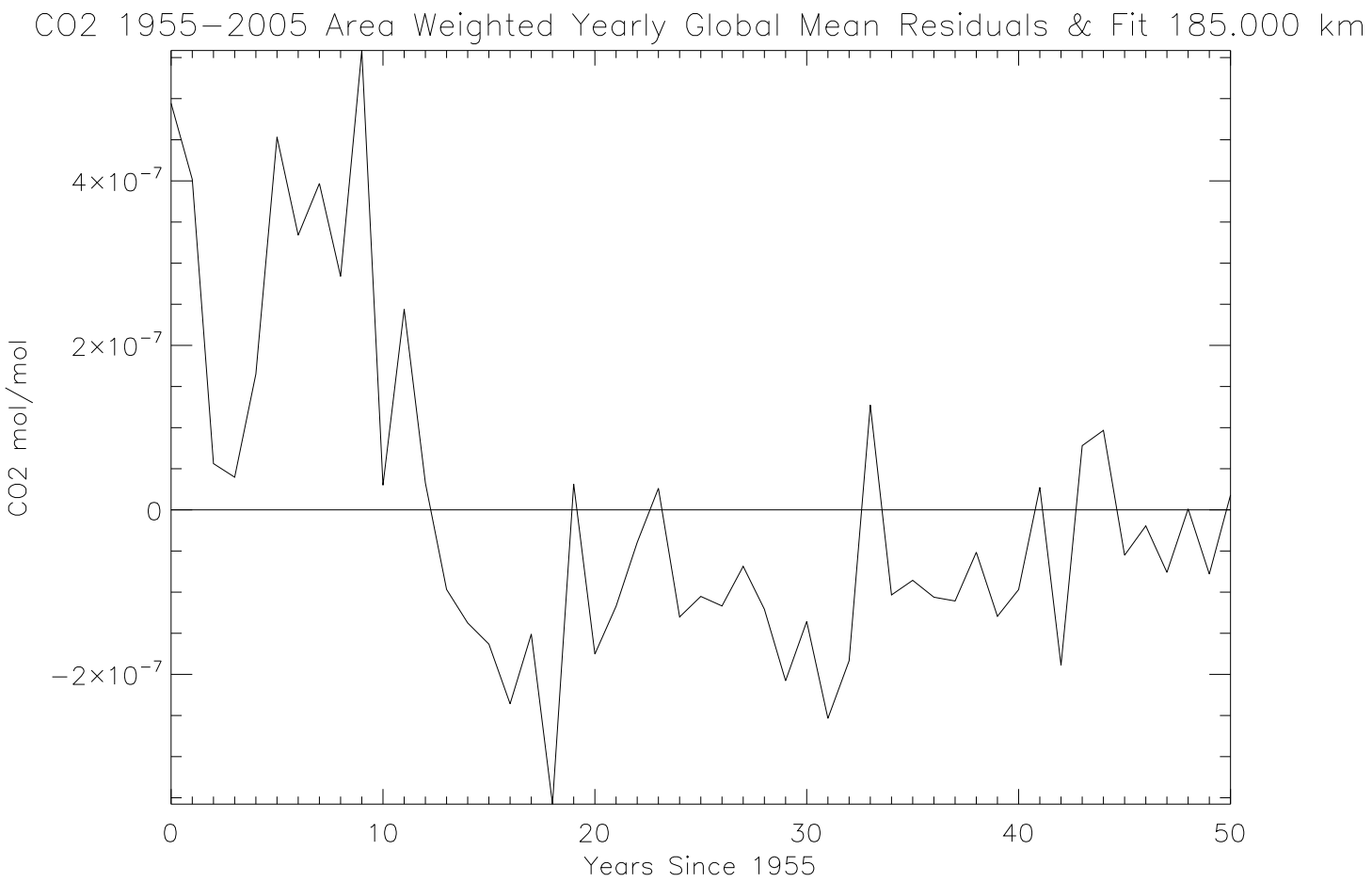

T 1970−2000 Area Weighted Yearly Global Mean Residuals & Fit 195.000 km
T (K)
40
20
0
−20
−40
0
5
10
15
20
25
30
Years Since 1970

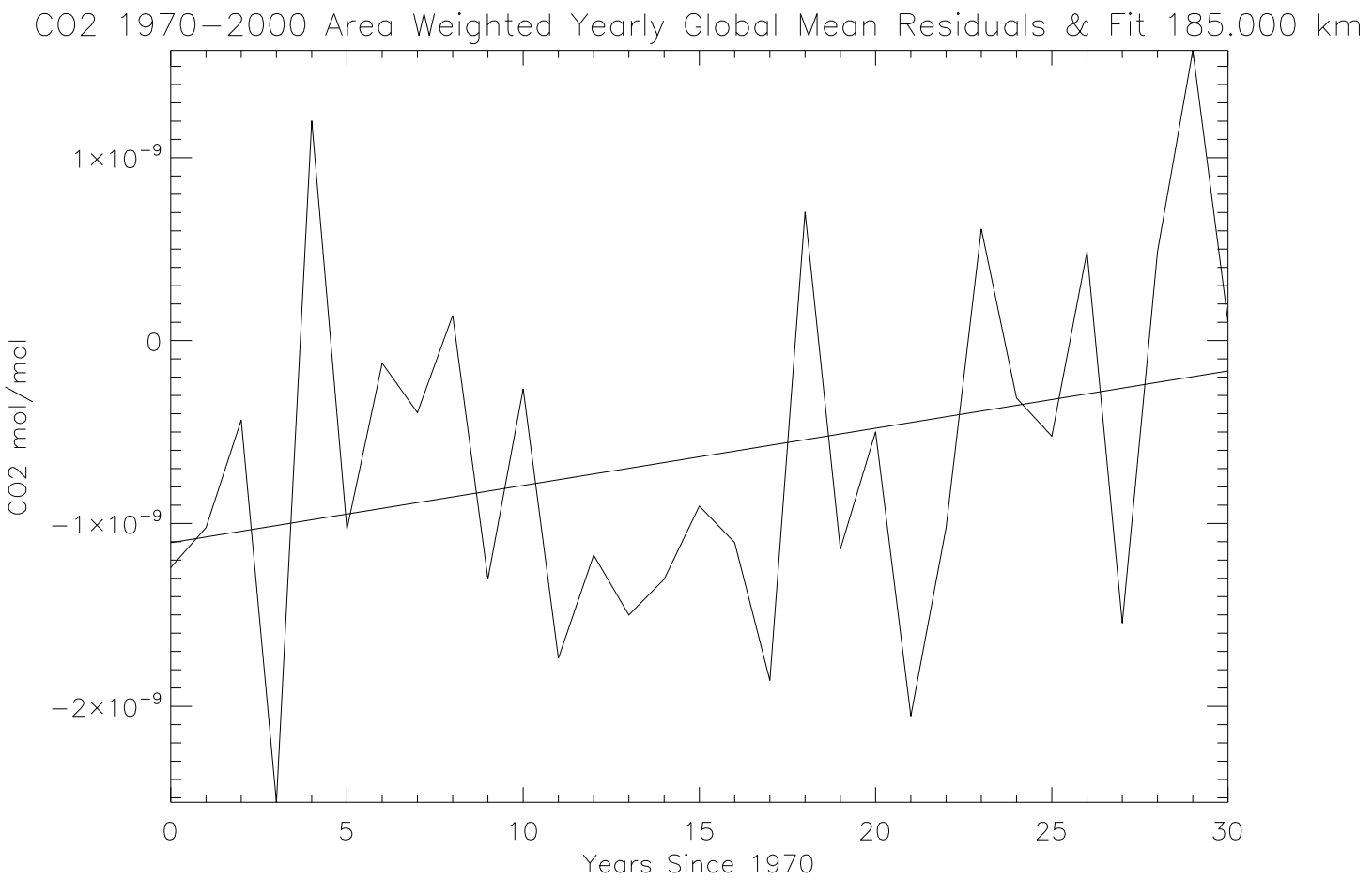

CO2 1955–2005 Area Weighted Yearly Global Mean Residuals & Fit 190.000 km
4×10⁻⁷
2×10⁻⁷
0
−2×10⁻⁷
CO2 mol/mol
0
10
20
30
40
50
Years Since 1955

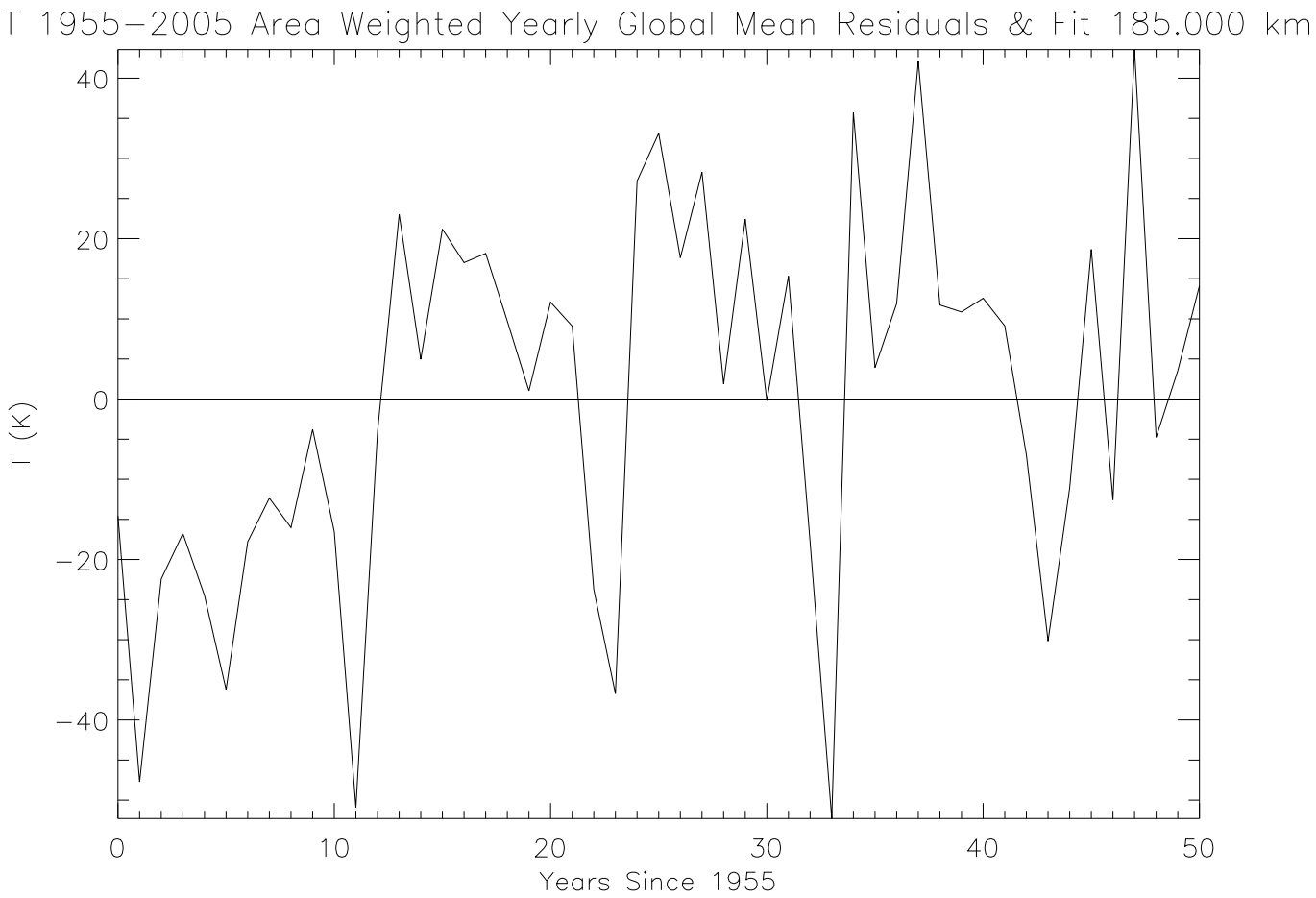

CO2 1970–2000 Area Weighted Yearly Global Mean Residuals & Fit 190.000 km
1×10⁻⁹
0
−1×10⁻⁹
−2×10⁻⁹
CO2 mol/mol
0
5
10
15
20
25
30
Years Since 1970

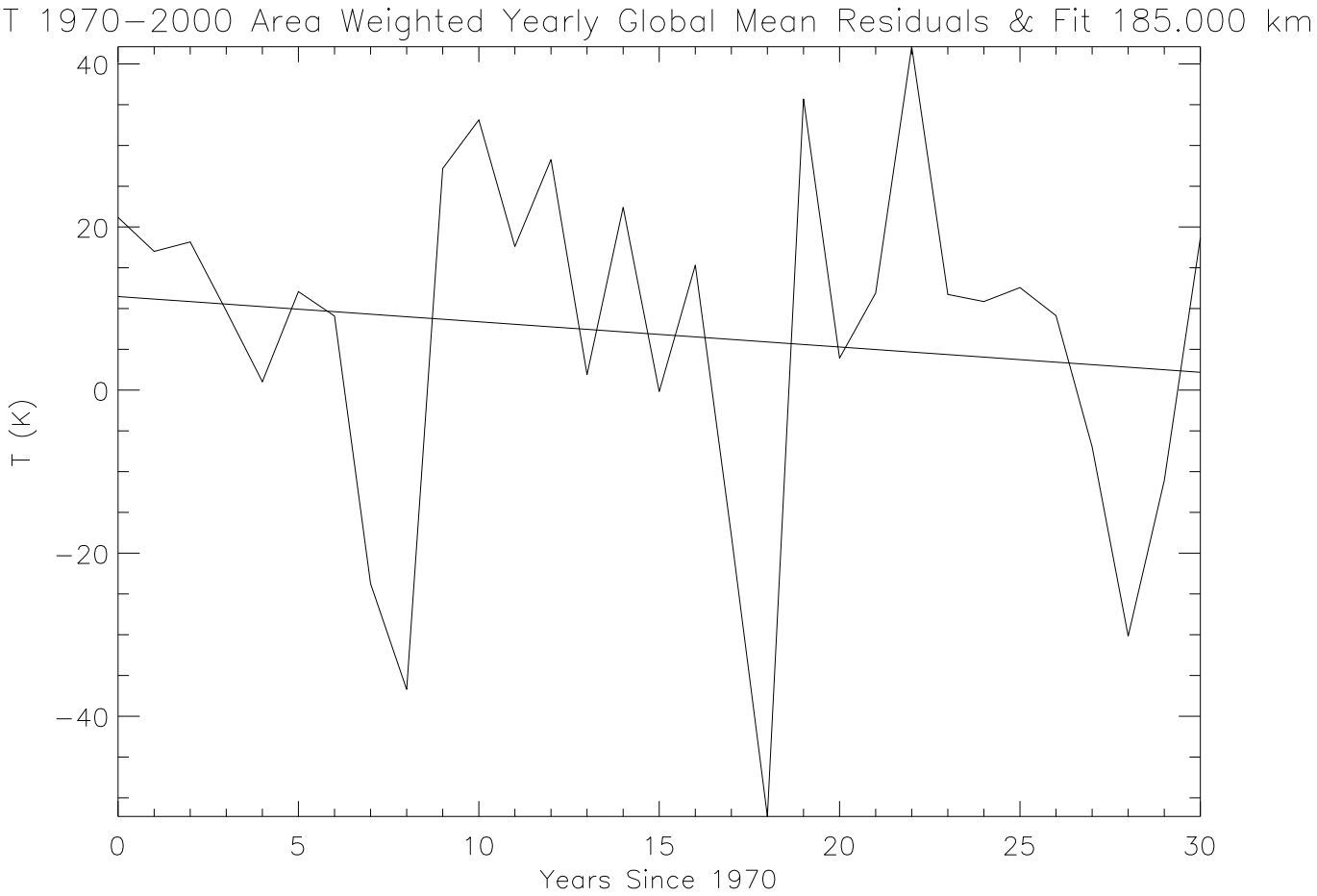

T 1955–2005 Area Weighted Yearly Global Mean Residuals & Fit 190.000 km
T (K)
40
20
0
−20
−40
0
10
20
30
40
50
Years Since 1955

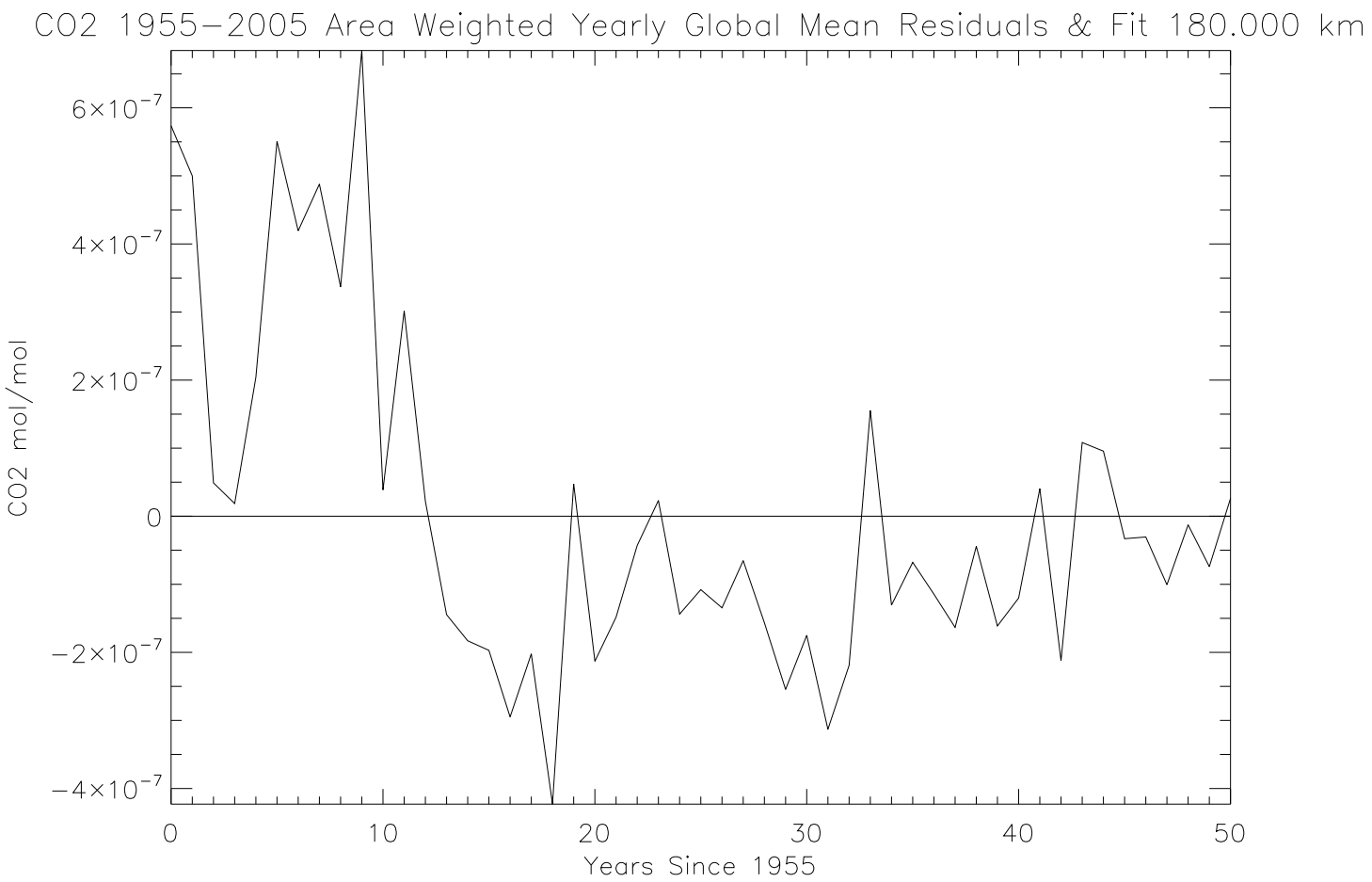

T 1970−2000 Area Weighted Yearly Global Mean Residuals & Fit 190.000 km
T (K)
40
20
0
−20
−40
0
5
10
15
20
25
30
Years Since 1970

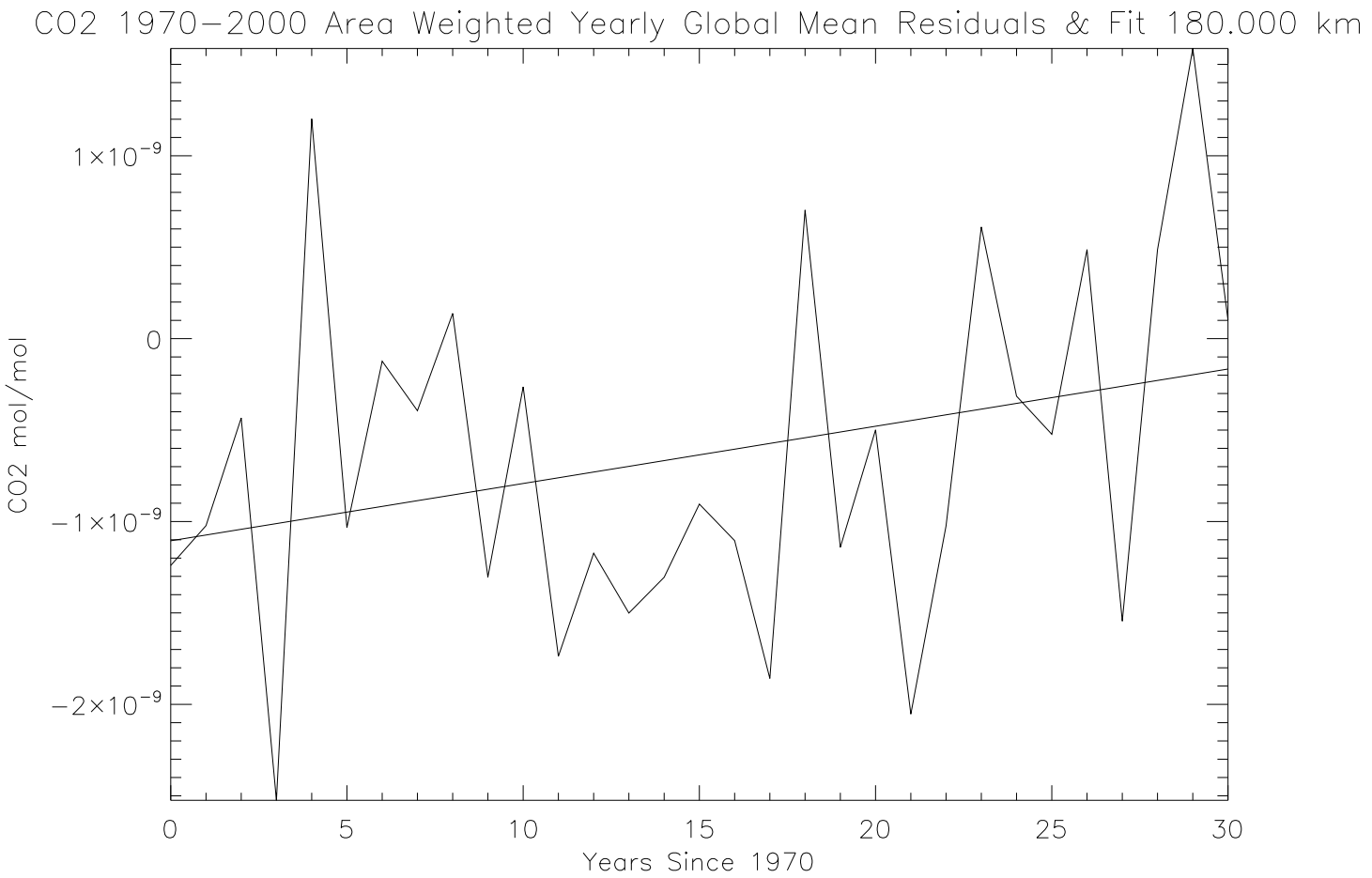

CO2 1955–2005 Area Weighted Yearly Global Mean Residuals & Fit 185.000 km
CO2 mol/mol
4×10⁻⁷
2×10⁻⁷
0
−2×10⁻⁷
0
10
20
30
40
50
Years Since 1955

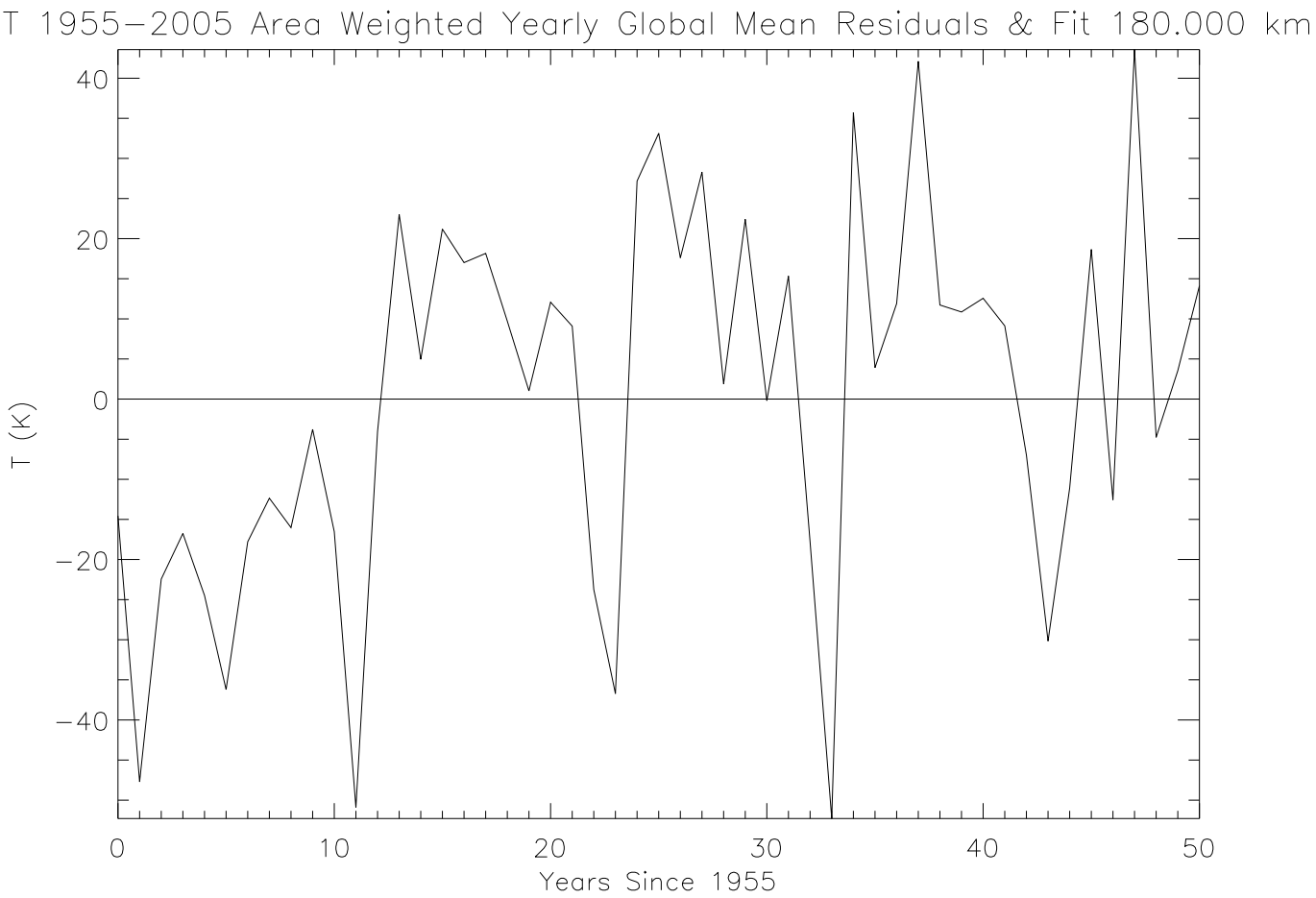

CO2 1970−2000 Area Weighted Yearly Global Mean Residuals & Fit 185.000 km
1×10⁻⁹
0
−1×10⁻⁹
−2×10⁻⁹
CO2 mol/mol
0
5
10
15
20
25
30
Years Since 1970

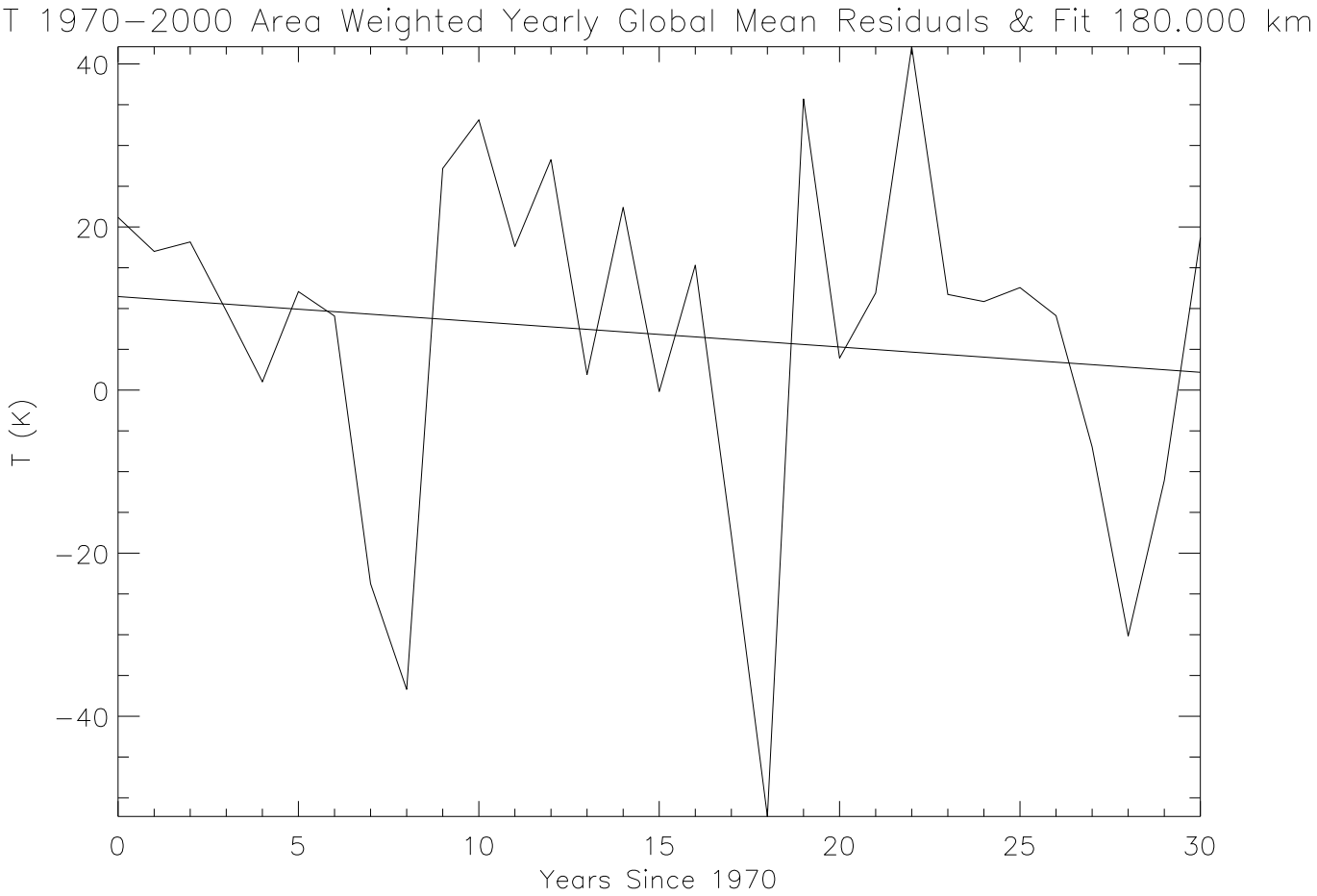

T 1955−2005 Area Weighted Yearly Global Mean Residuals & Fit 185.000 km
T (K)
40
20
0
−20
−40
0
10
20
30
40
50
Years Since 1955

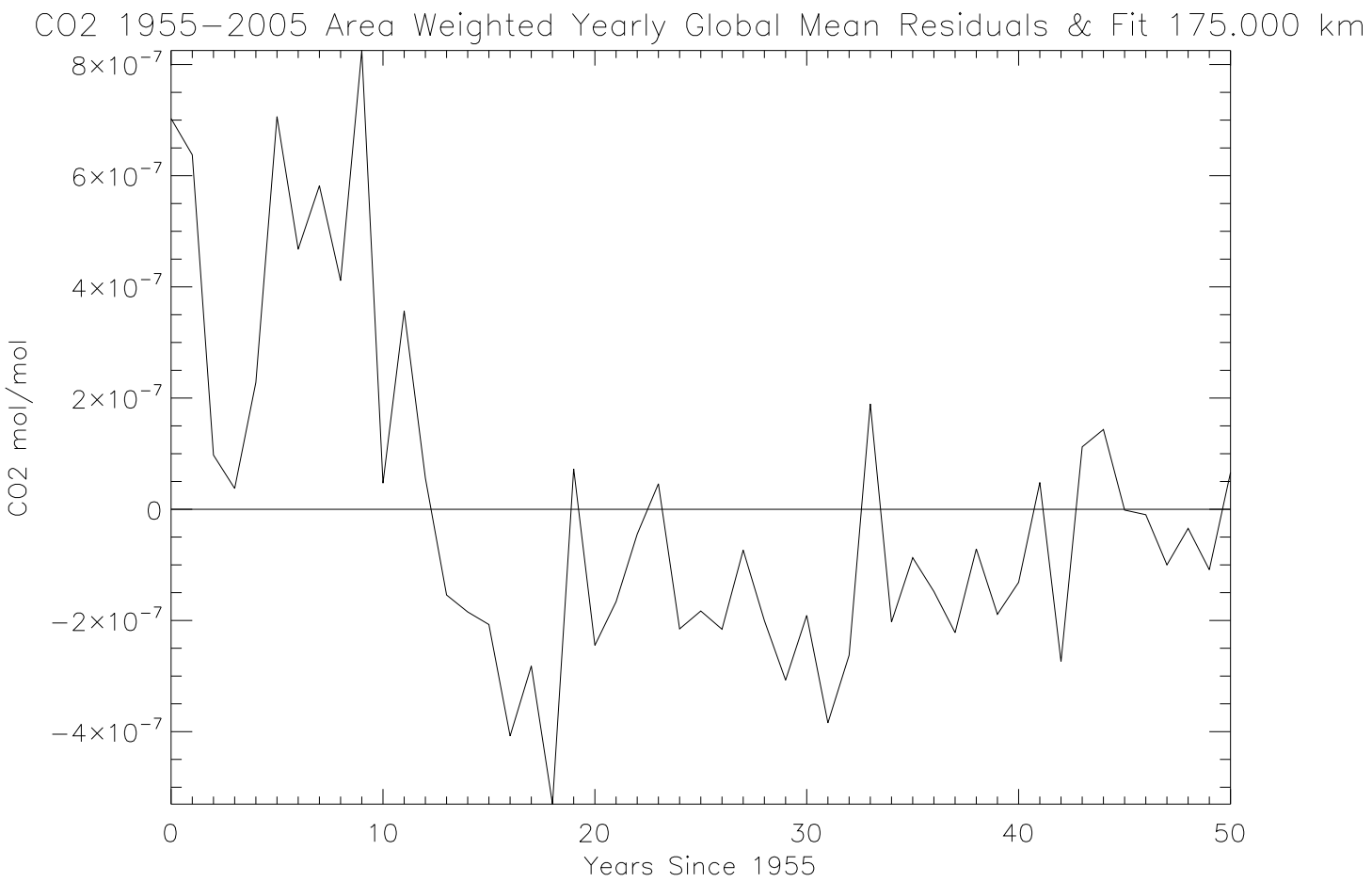

T 1970−2000 Area Weighted Yearly Global Mean Residuals & Fit 185.000 km
T (K)
40
20
0
−20
−40
0
5
10
15
20
25
30
Years Since 1970

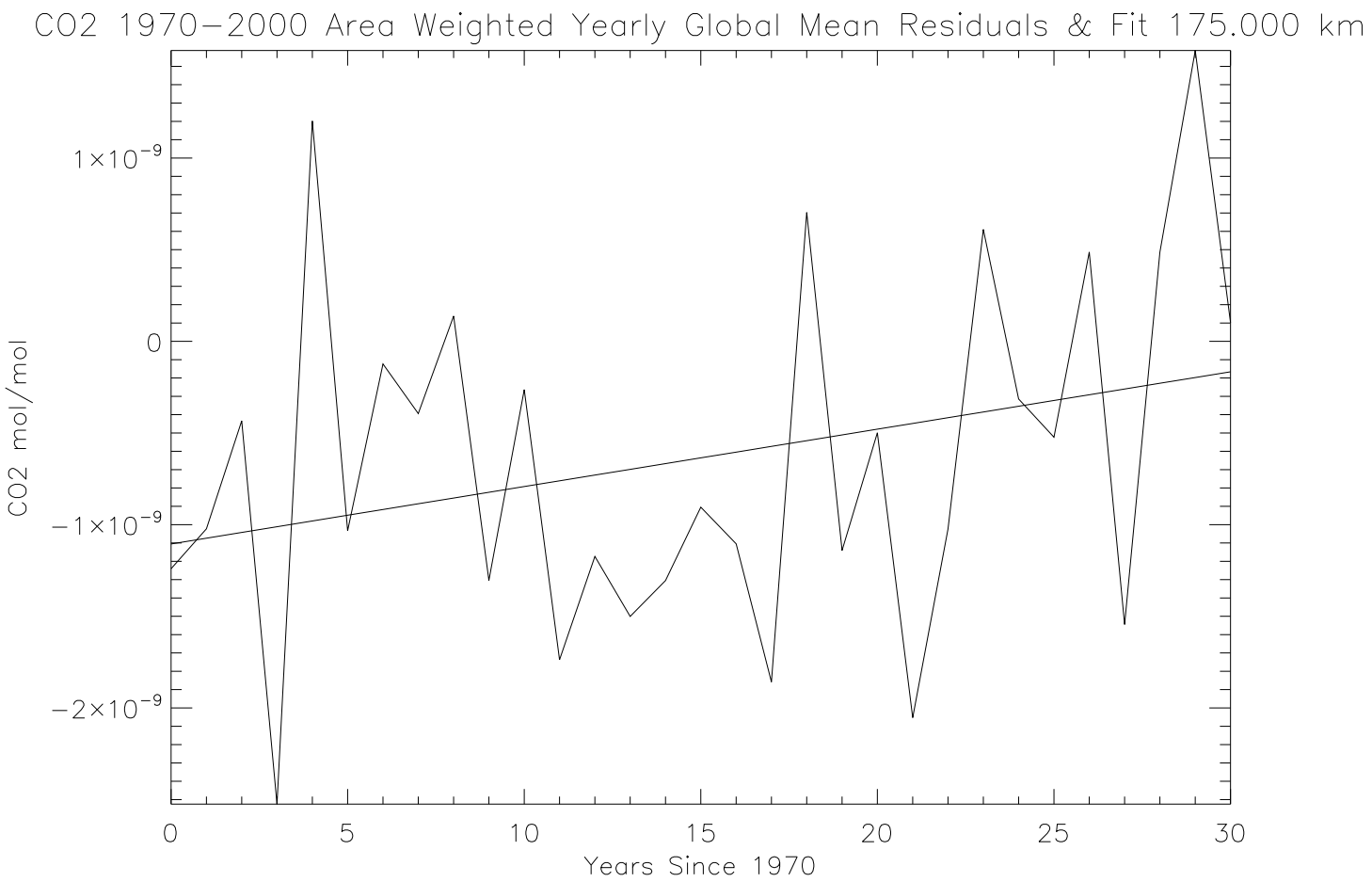

CO2 1955–2005 Area Weighted Yearly Global Mean Residuals & Fit 180.000 km
6×10⁻⁷
4×10⁻⁷
2×10⁻⁷
0
−2×10⁻⁷
−4×10⁻⁷
CO2 mol/mol
0
10
20
30
40
50
Years Since 1955

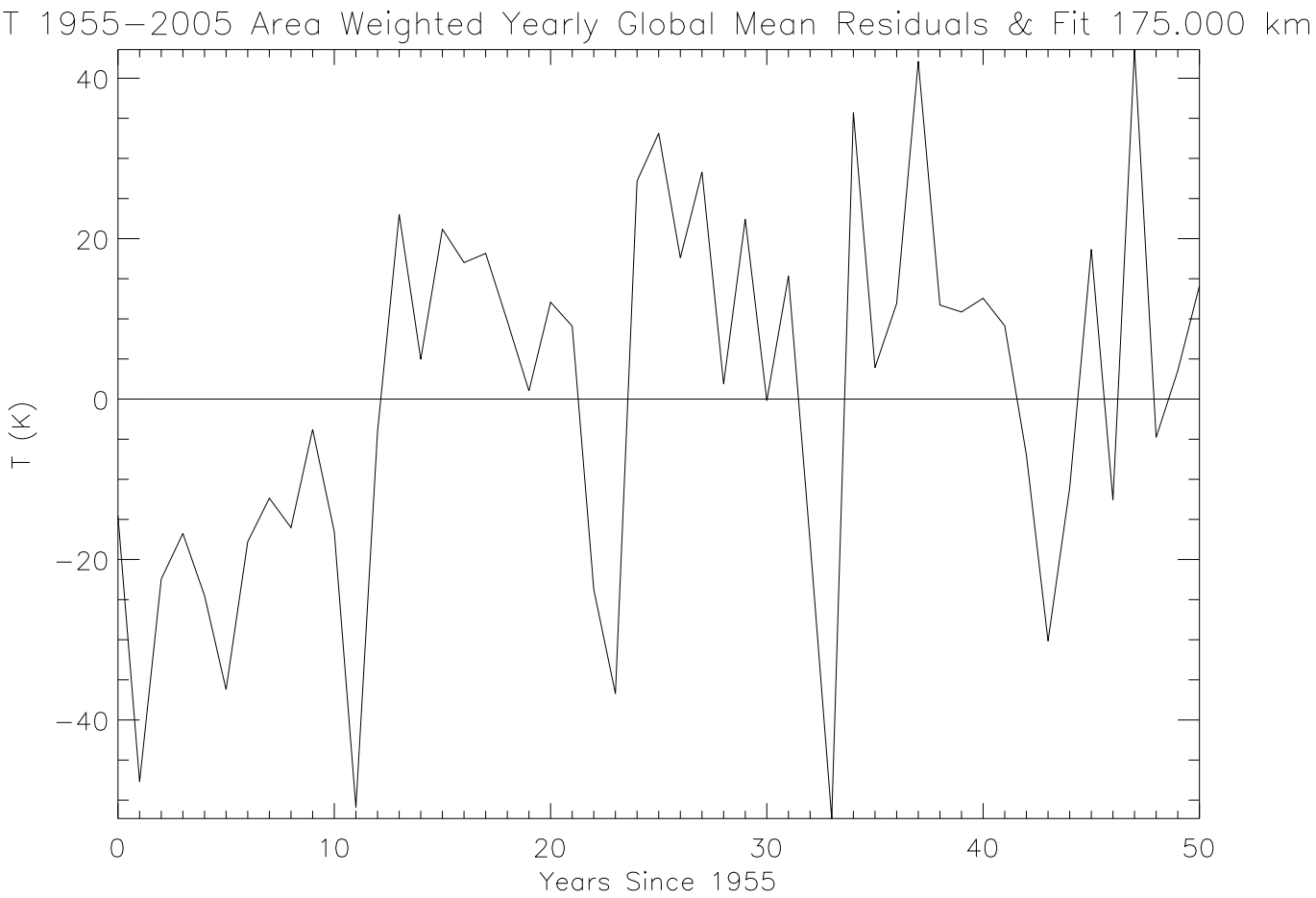

CO2 1970−2000 Area Weighted Yearly Global Mean Residuals & Fit 180.000 km
1×10⁻⁹
0
−1×10⁻⁹
−2×10⁻⁹
CO2 mol/mol
0
5
10
15
20
25
30
Years Since 1970

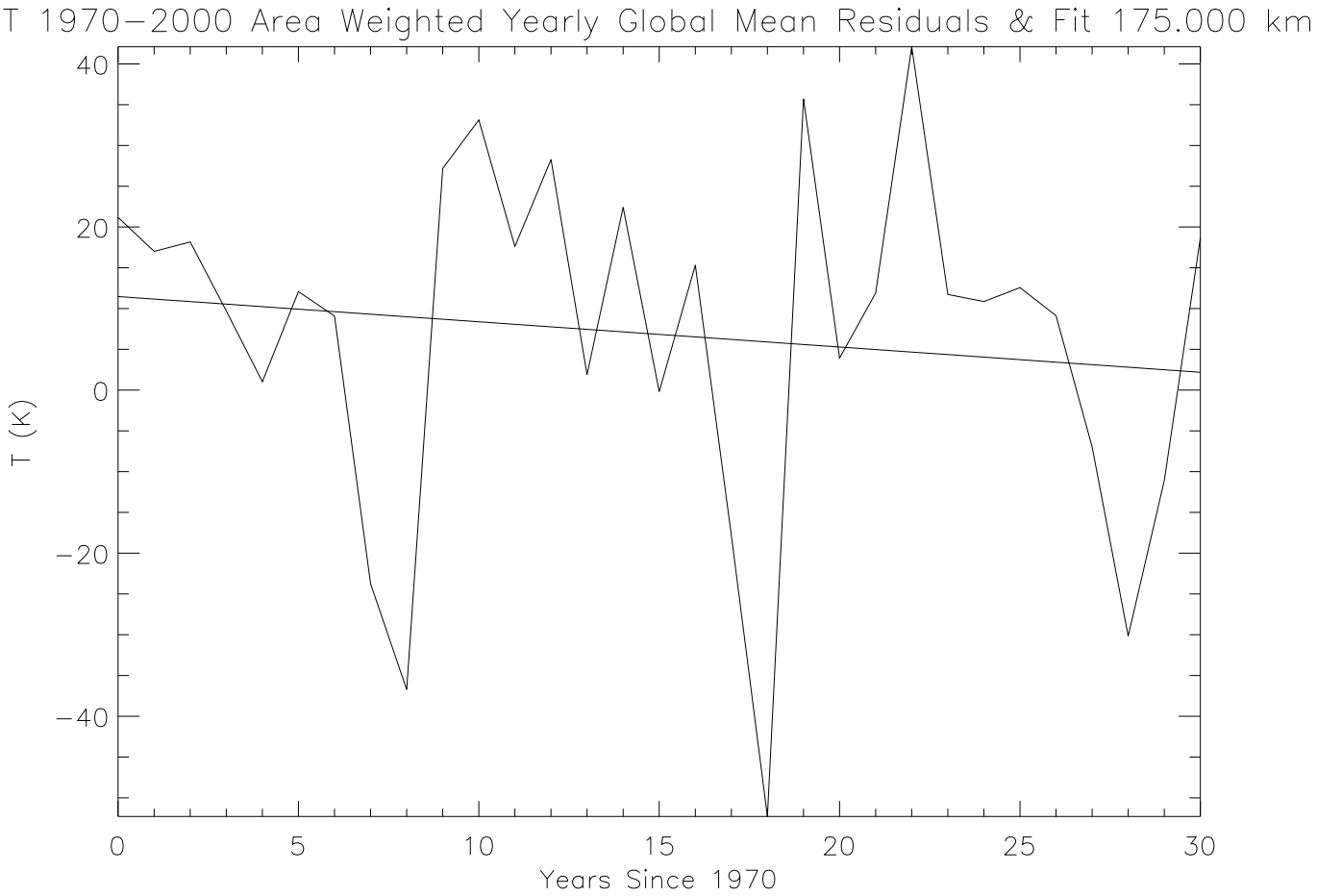

T 1955−2005 Area Weighted Yearly Global Mean Residuals & Fit 180.000 km
T (K)
40
20
0
−20
−40
0
10
20
30
40
50
Years Since 1955

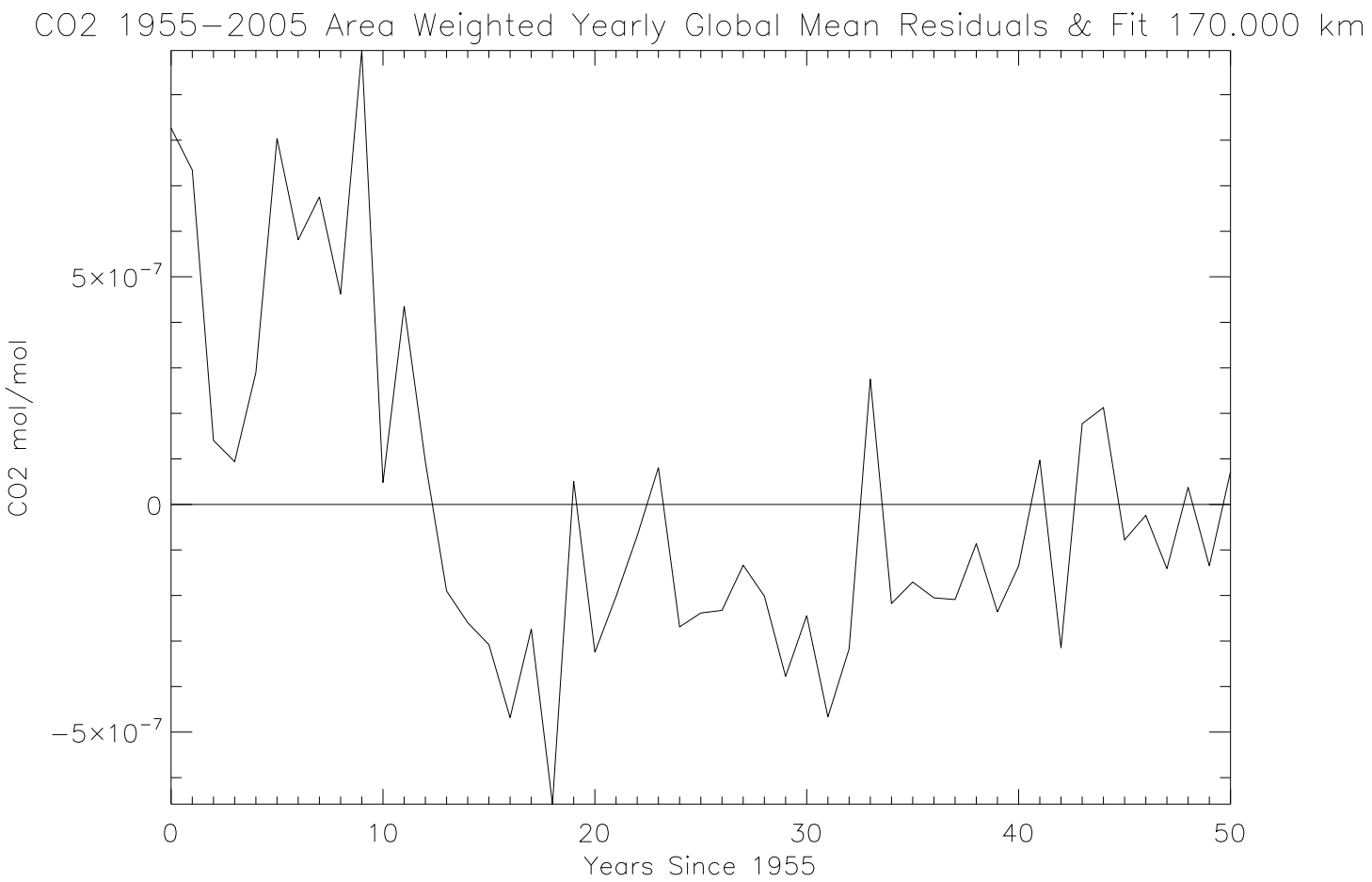

T 1970−2000 Area Weighted Yearly Global Mean Residuals & Fit 180.000 km
T (K)
40
20
0
−20
−40
0
5
10
15
20
25
30
Years Since 1970

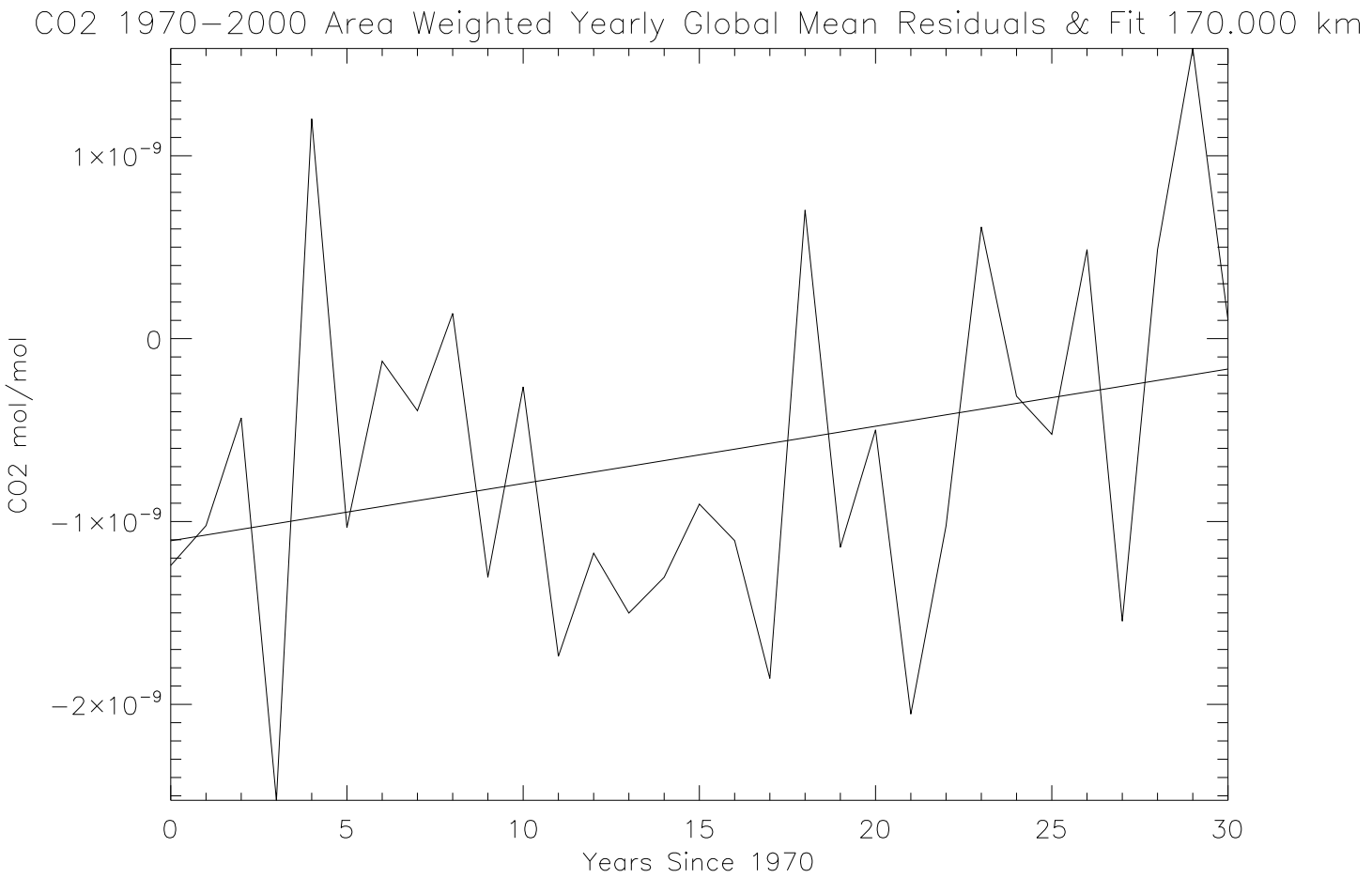

CO2 1955–2005 Area Weighted Yearly Global Mean Residuals & Fit 175.000 km
8×10⁻⁷
6×10⁻⁷
4×10⁻⁷
2×10⁻⁷
0
−2×10⁻⁷
−4×10⁻⁷
CO2 mol/mol
0
10
20
30
40
50
Years Since 1955

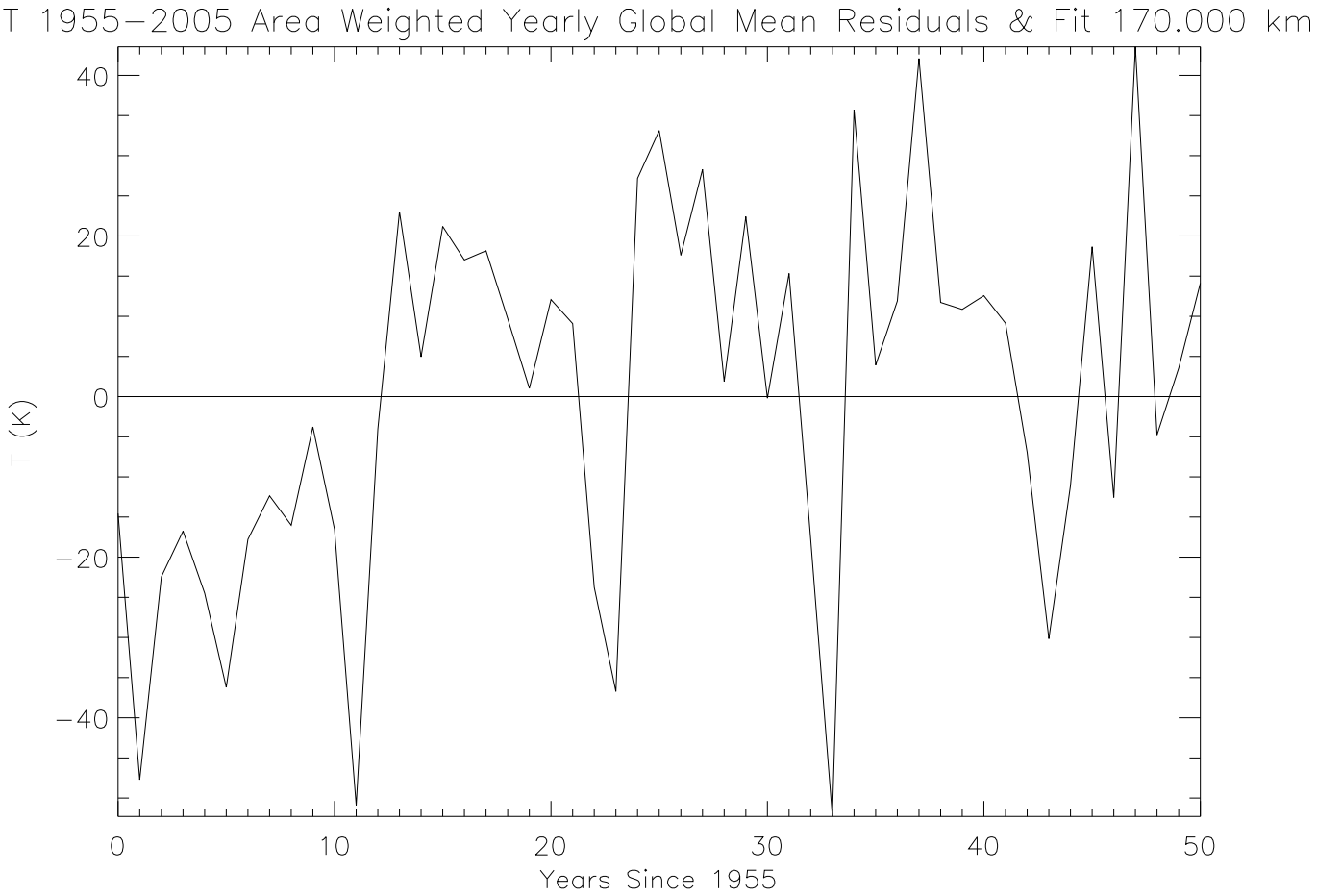

CO2 1970−2000 Area Weighted Yearly Global Mean Residuals & Fit 175.000 km
1×10⁻⁹
0
−1×10⁻⁹
−2×10⁻⁹
CO2 mol/mol
0
5
10
15
20
25
30
Years Since 1970

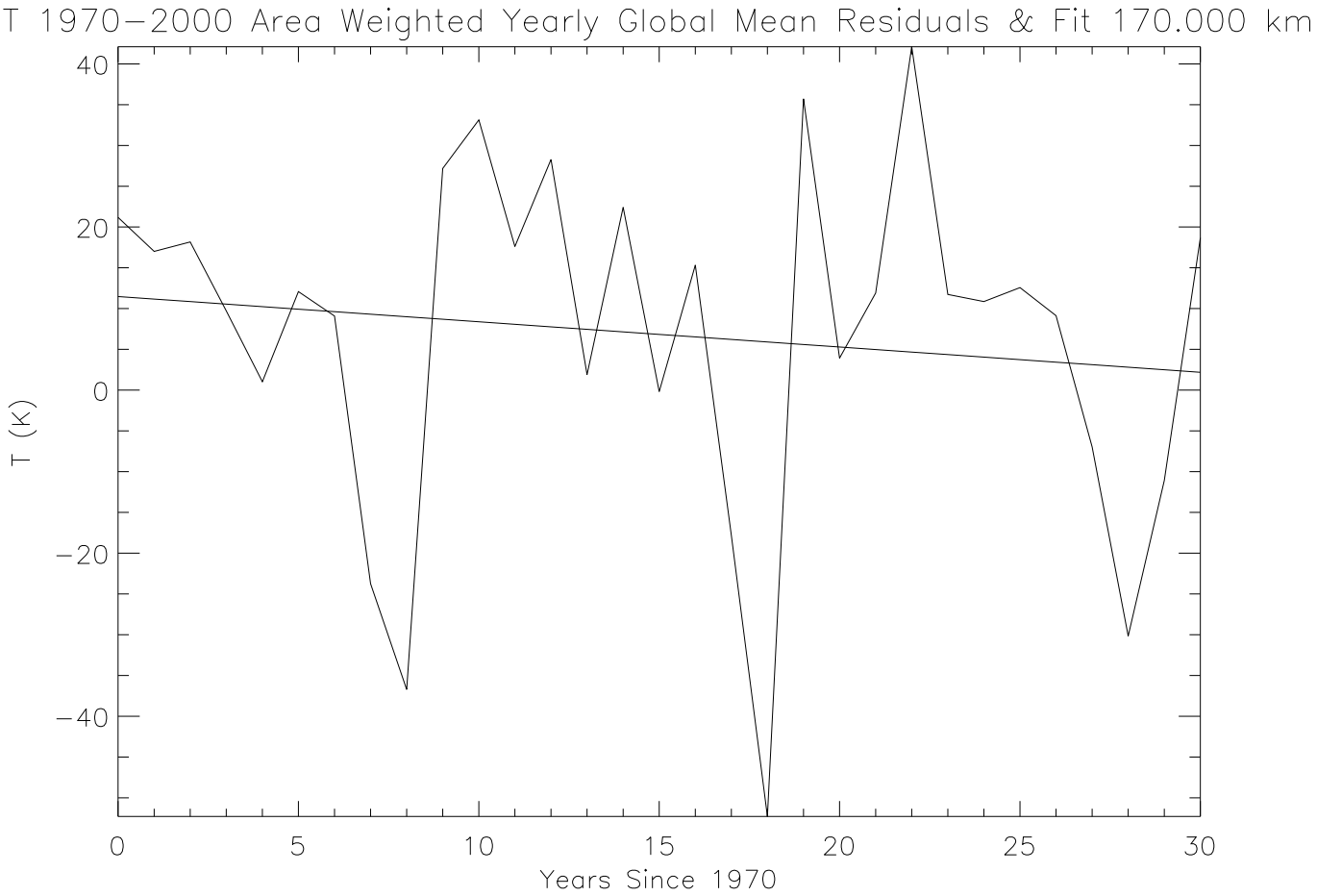

T 1955−2005 Area Weighted Yearly Global Mean Residuals & Fit 175.000 km
T (K)
40
20
0
−20
−40
0
10
20
30
40
50
Years Since 1955

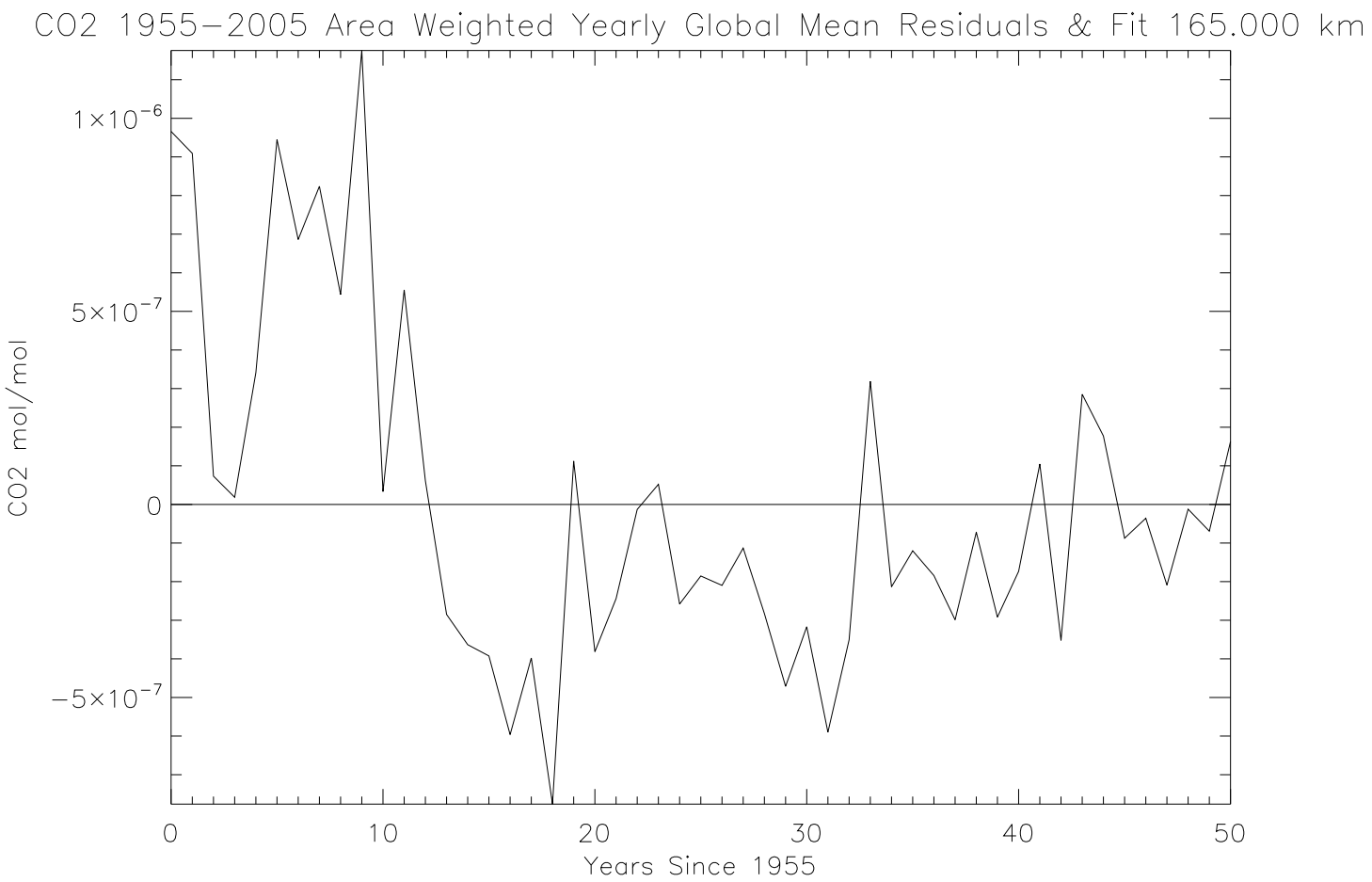

T 1970−2000 Area Weighted Yearly Global Mean Residuals & Fit 175.000 km
T (K)
40
20
0
−20
−40
0
5
10
15
20
25
30
Years Since 1970

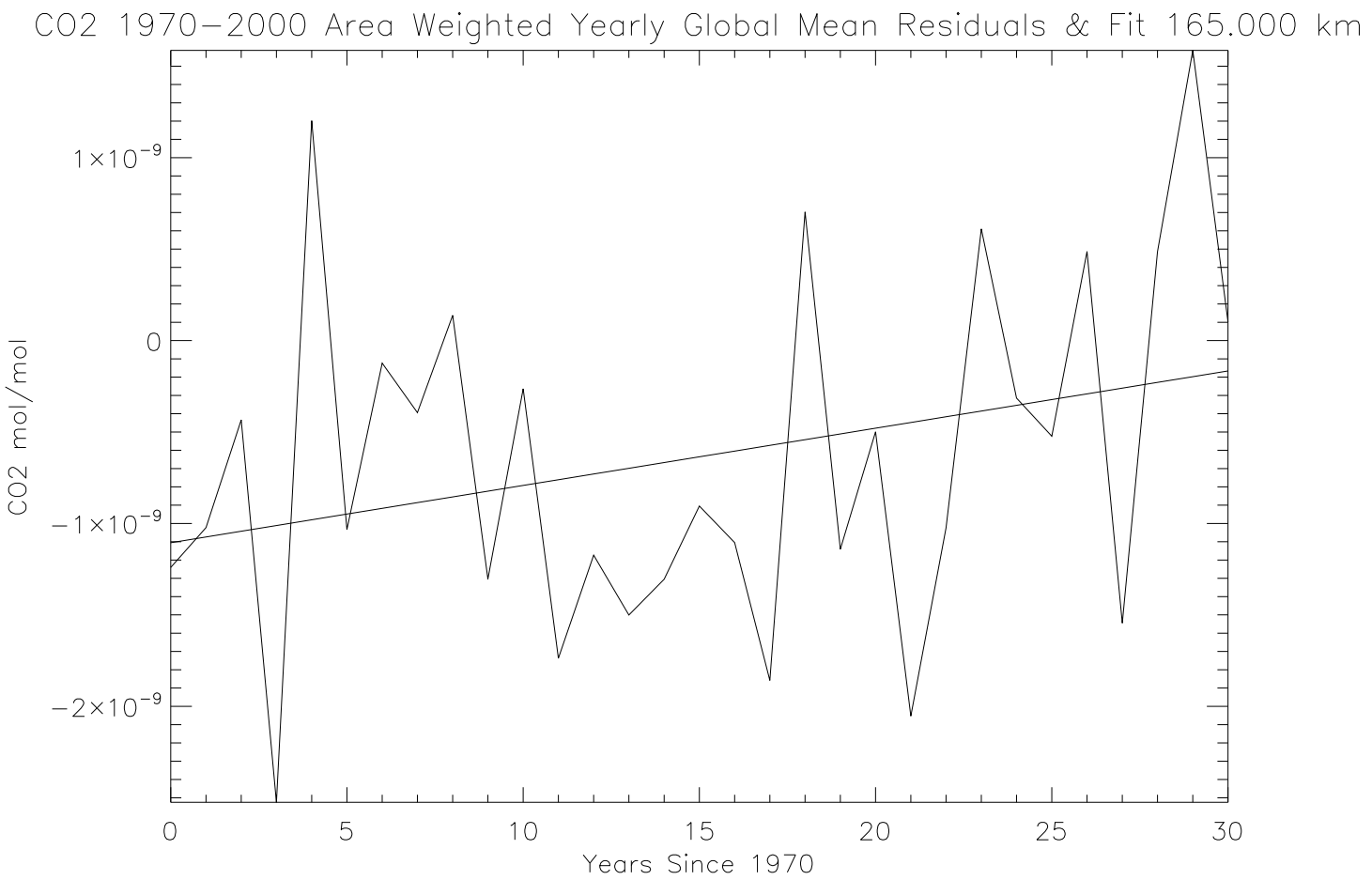

CO2 1955–2005 Area Weighted Yearly Global Mean Residuals & Fit 170.000 km
CO2 mol/mol
5×10⁻⁷
0
−5×10⁻⁷
0
10
20
30
40
50
Years Since 1955

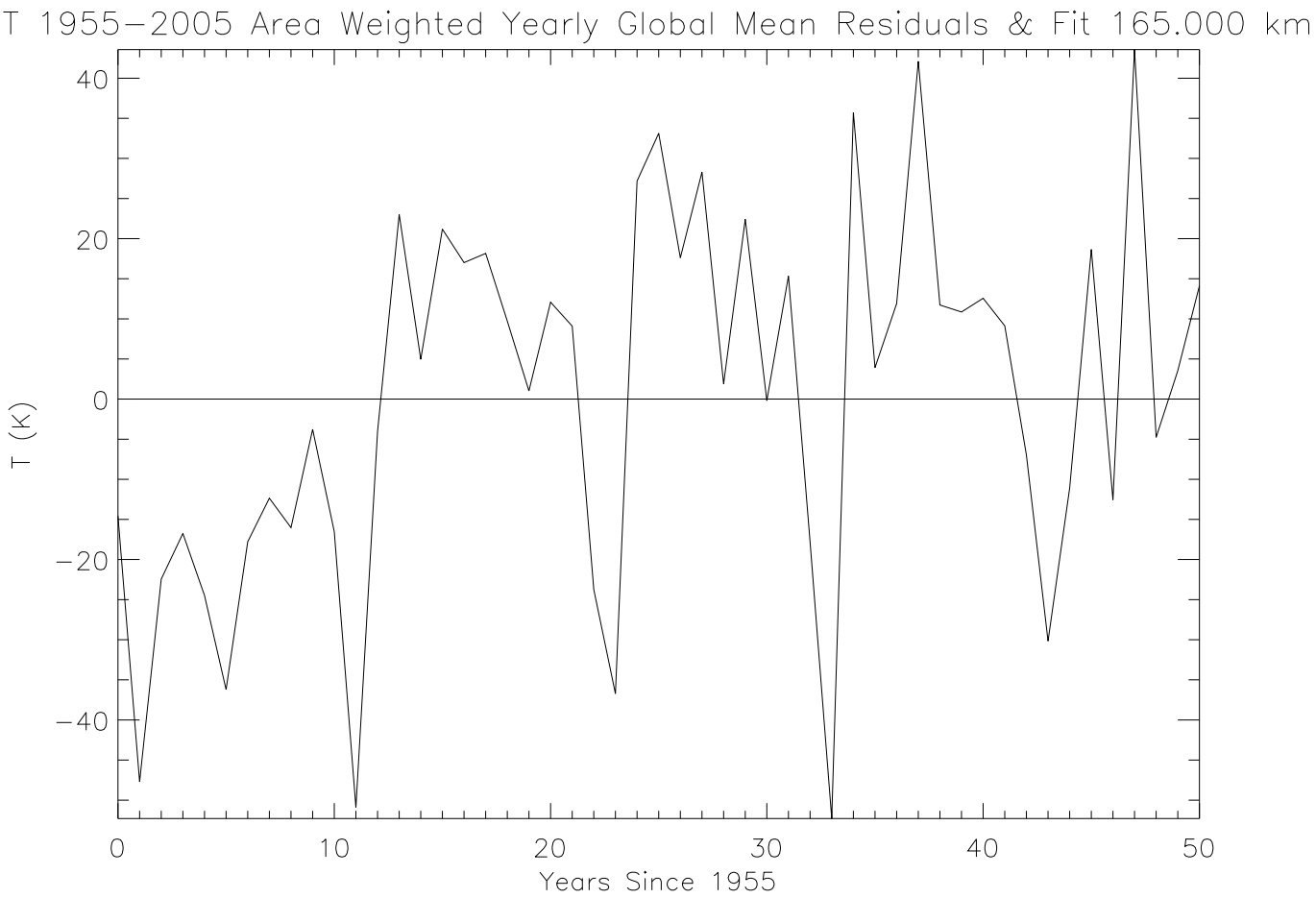

CO2 1970–2000 Area Weighted Yearly Global Mean Residuals & Fit 170.000 km
1×10⁻⁹
0
−1×10⁻⁹
−2×10⁻⁹
CO2 mol/mol
0
5
10
15
20
25
30
Years Since 1970

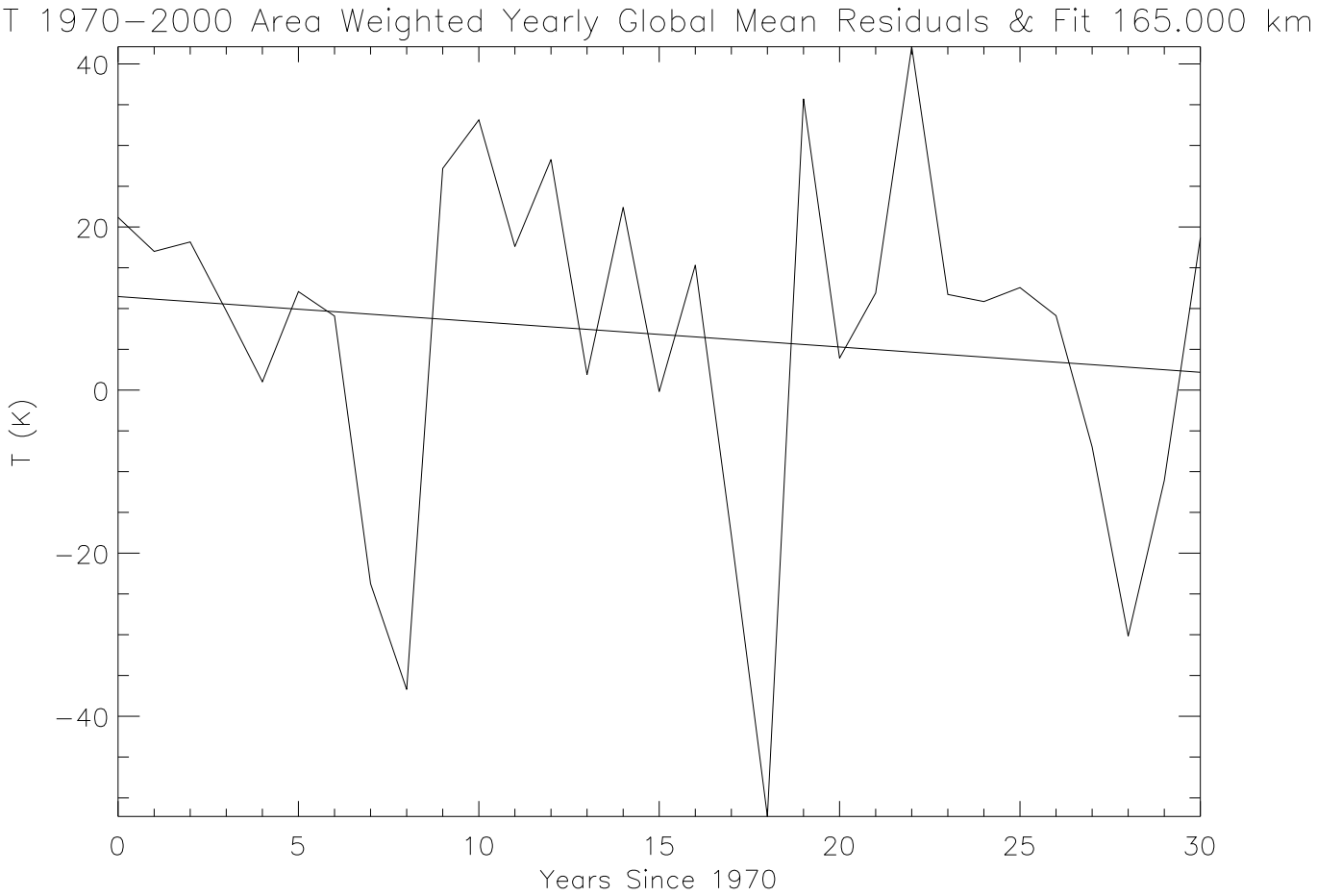

T 1955−2005 Area Weighted Yearly Global Mean Residuals & Fit 170.000 km
T (K)
40
20
0
−20
−40
0
10
20
30
40
50
Years Since 1955

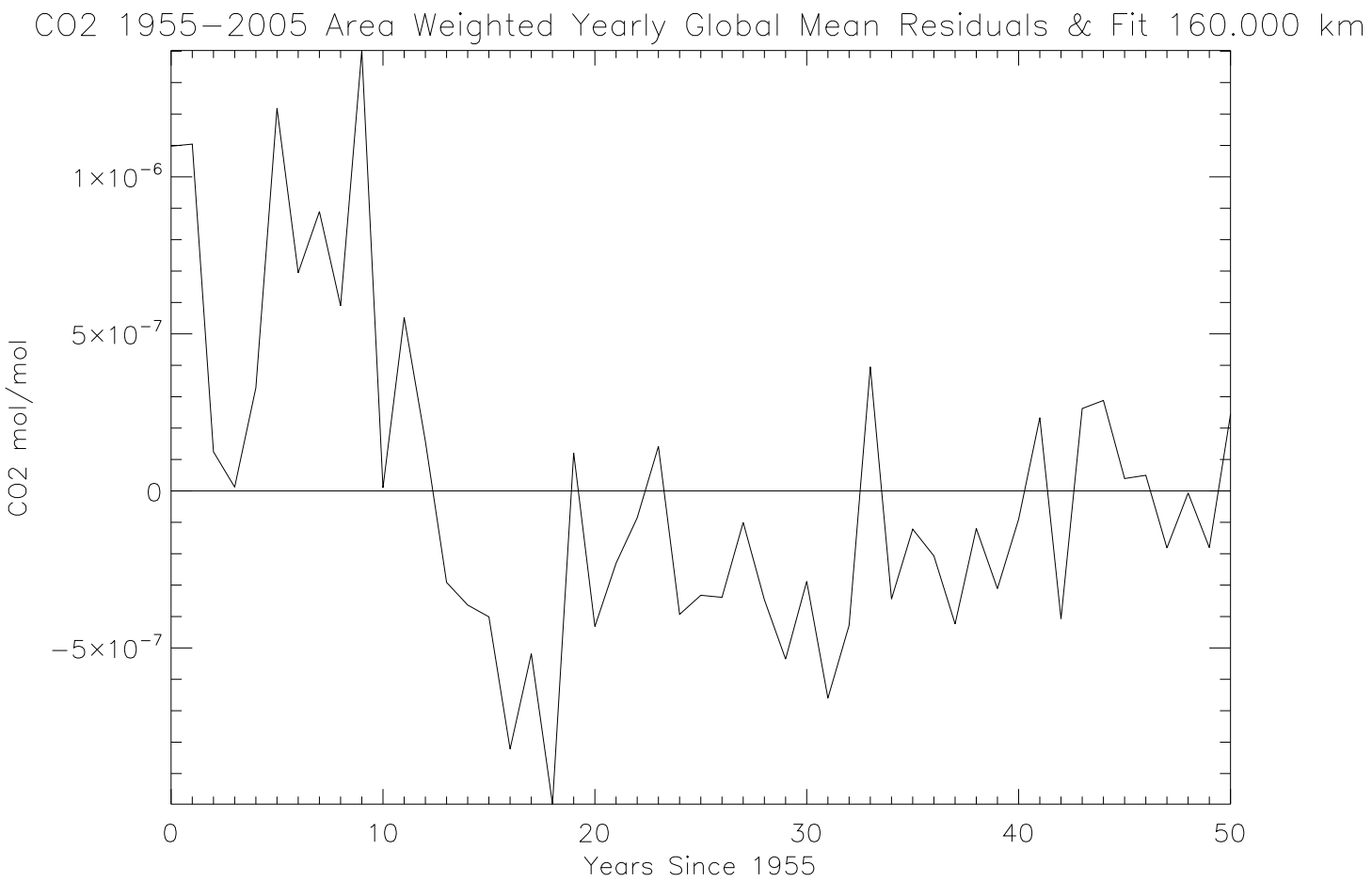

T 1970−2000 Area Weighted Yearly Global Mean Residuals & Fit 170.000 km
T (K)
40
20
0
−20
−40
0
5
10
15
20
25
30
Years Since 1970

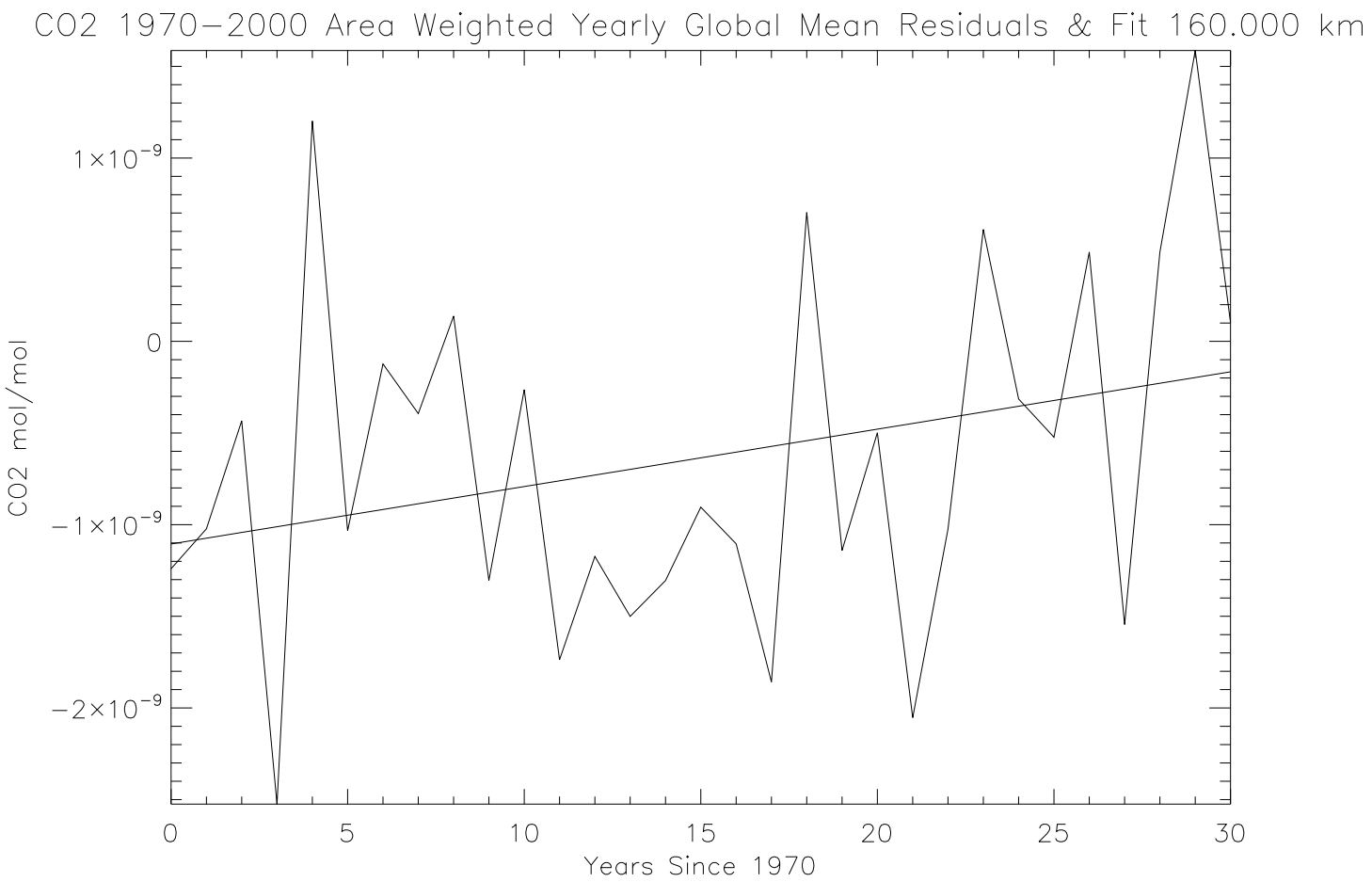

CO2 1955–2005 Area Weighted Yearly Global Mean Residuals & Fit 165.000 km
1×10⁻⁶
5×10⁻⁷
0
−5×10⁻⁷
CO2 mol/mol
0
10
20
30
40
50
Years Since 1955

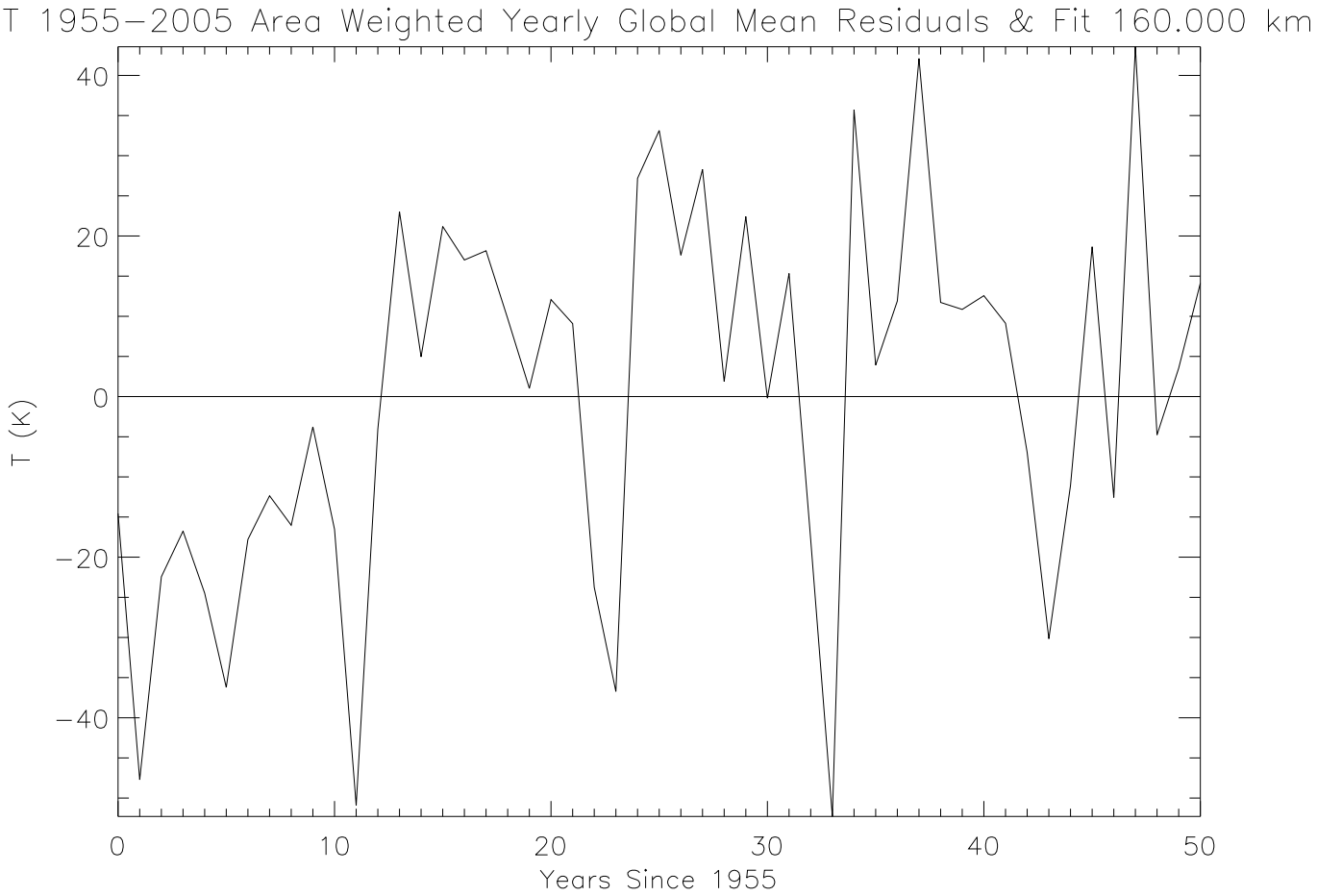

CO2 1970−2000 Area Weighted Yearly Global Mean Residuals & Fit 165.000 km
1×10⁻⁹
0
−1×10⁻⁹
−2×10⁻⁹
CO2 mol/mol
0
5
10
15
20
25
30
Years Since 1970

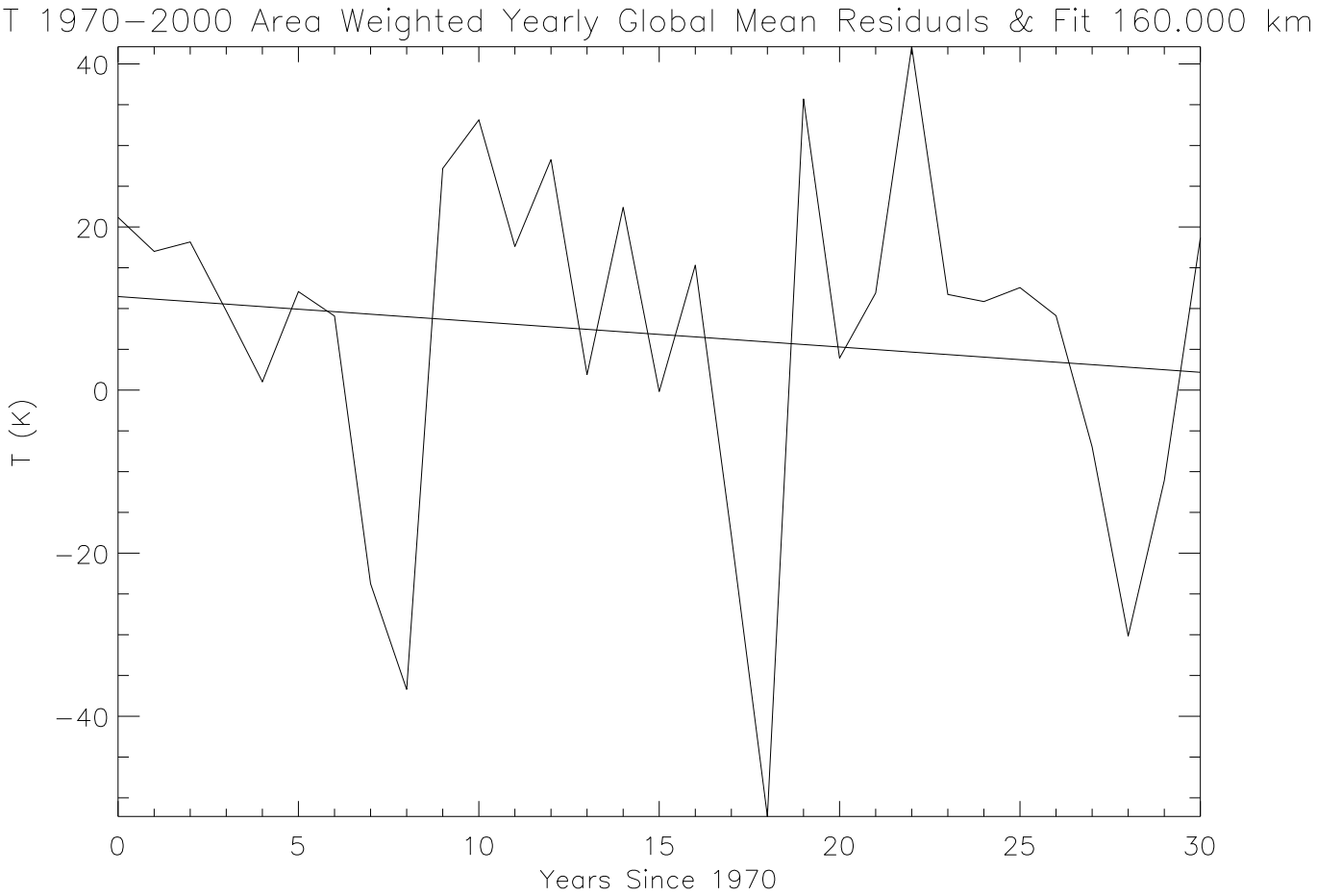

T 1955−2005 Area Weighted Yearly Global Mean Residuals & Fit 165.000 km
40
20
0
−20
−40
T (K)
0
10
20
30
40
50
Years Since 1955

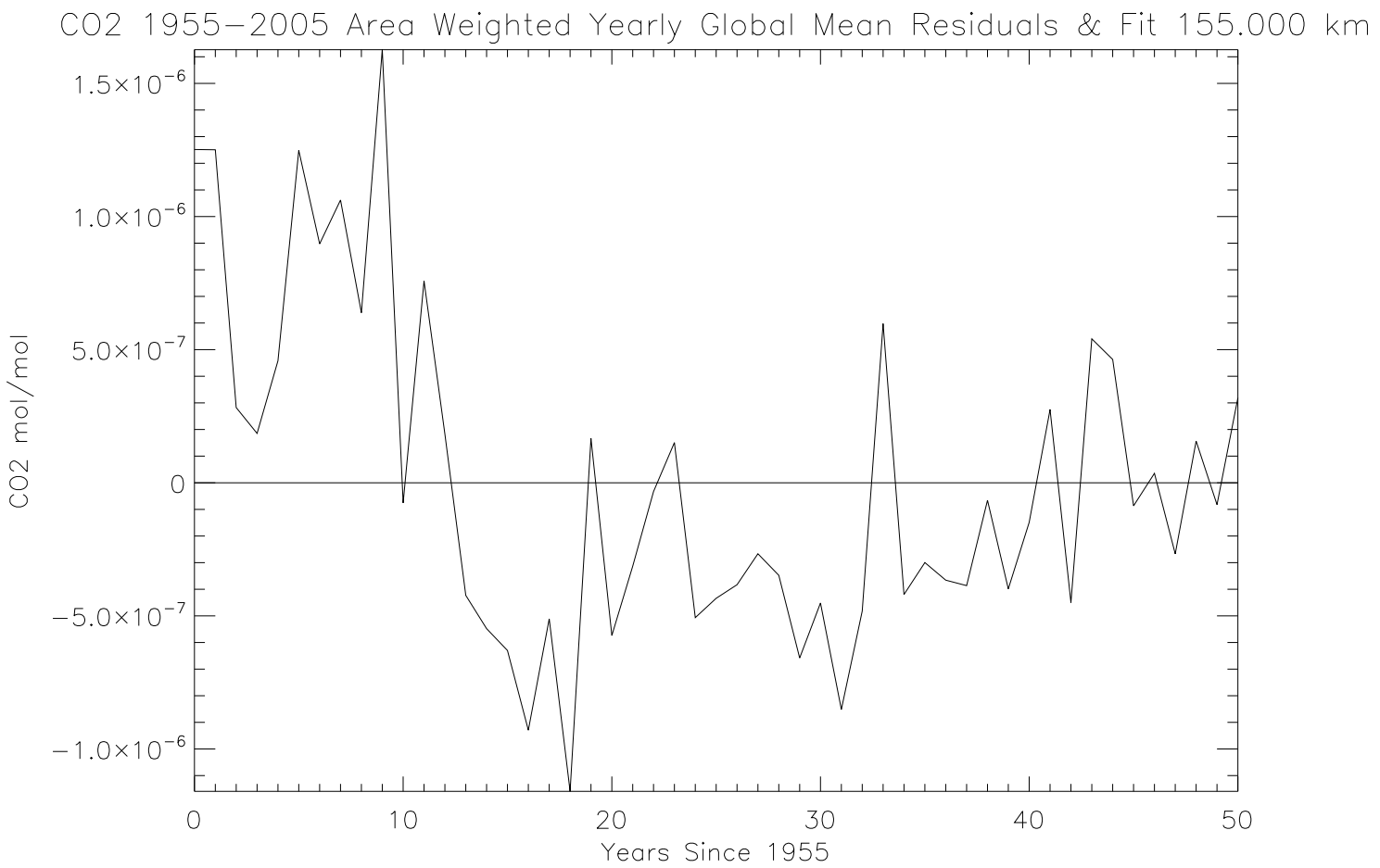

T 1970−2000 Area Weighted Yearly Global Mean Residuals & Fit 165.000 km
T (K)
40
20
0
−20
−40
0
5
10
15
20
25
30
Years Since 1970

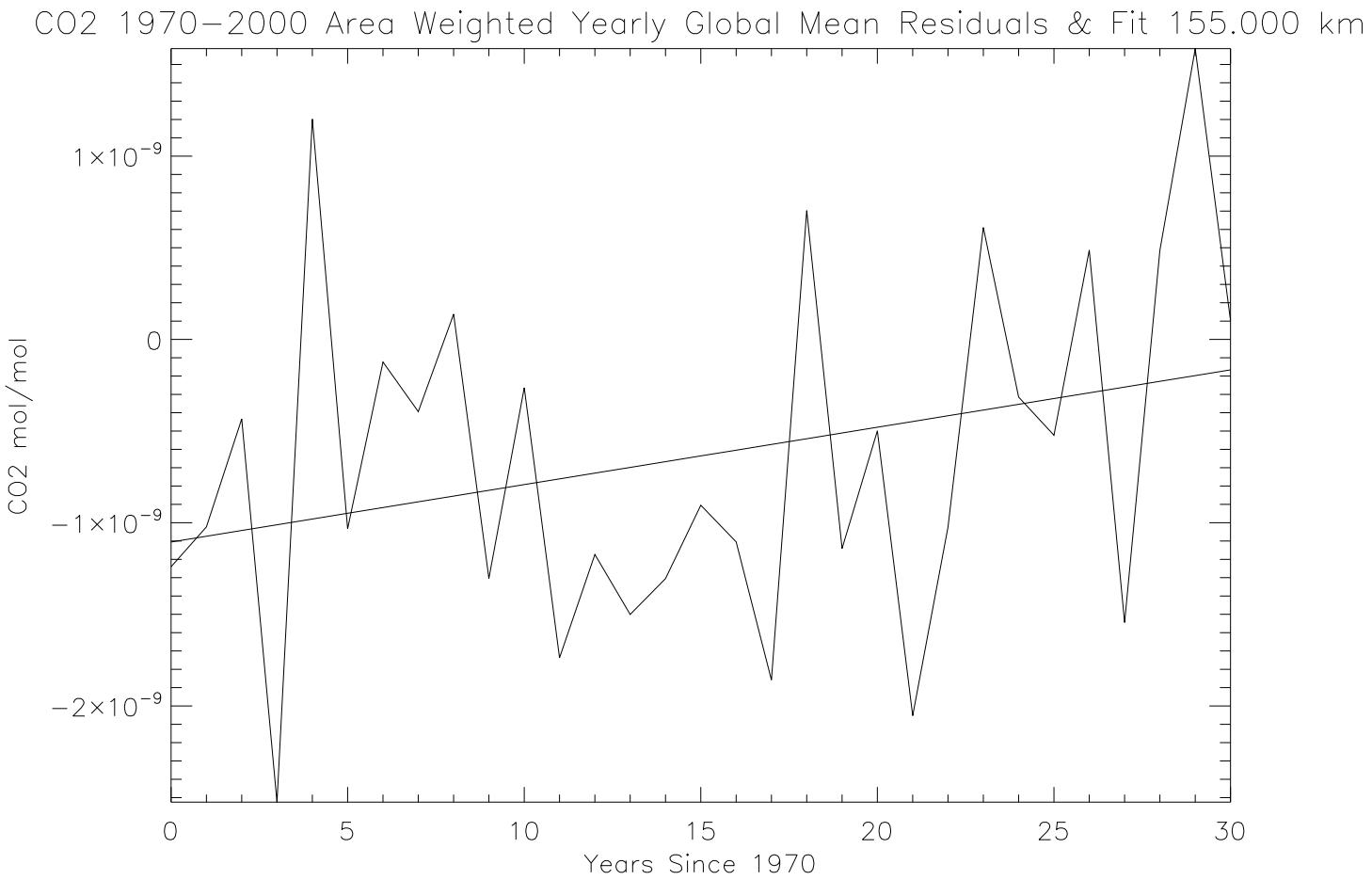

CO2 1955–2005 Area Weighted Yearly Global Mean Residuals & Fit 160.000 km
1×10⁻⁶
5×10⁻⁷
0
−5×10⁻⁷
CO2 mol/mol
0
10
20
30
40
50
Years Since 1955

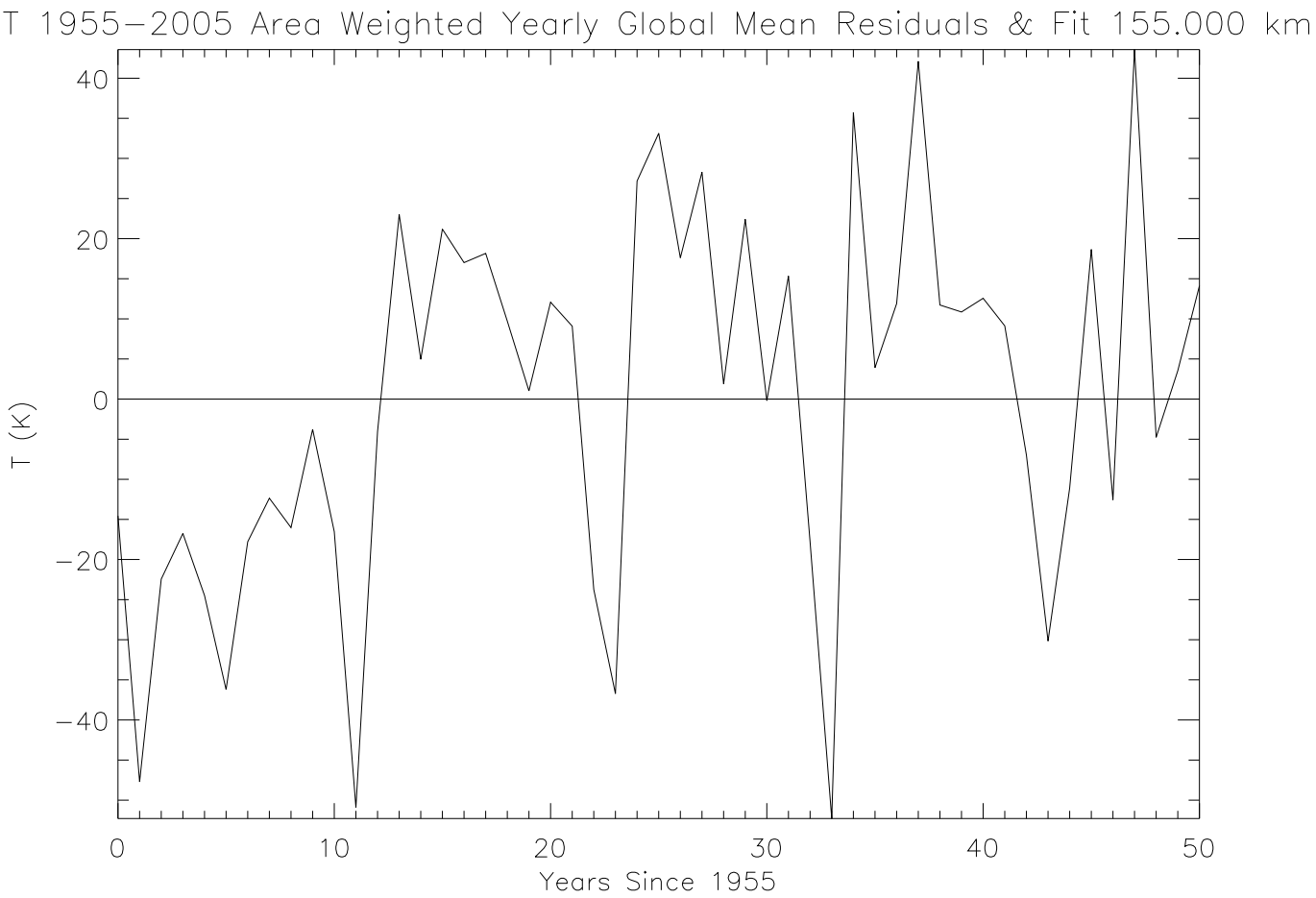

CO2 1970−2000 Area Weighted Yearly Global Mean Residuals & Fit 160.000 km
1×10⁻⁹
0
−1×10⁻⁹
−2×10⁻⁹
CO2 mol/mol
0
5
10
15
20
25
30
Years Since 1970

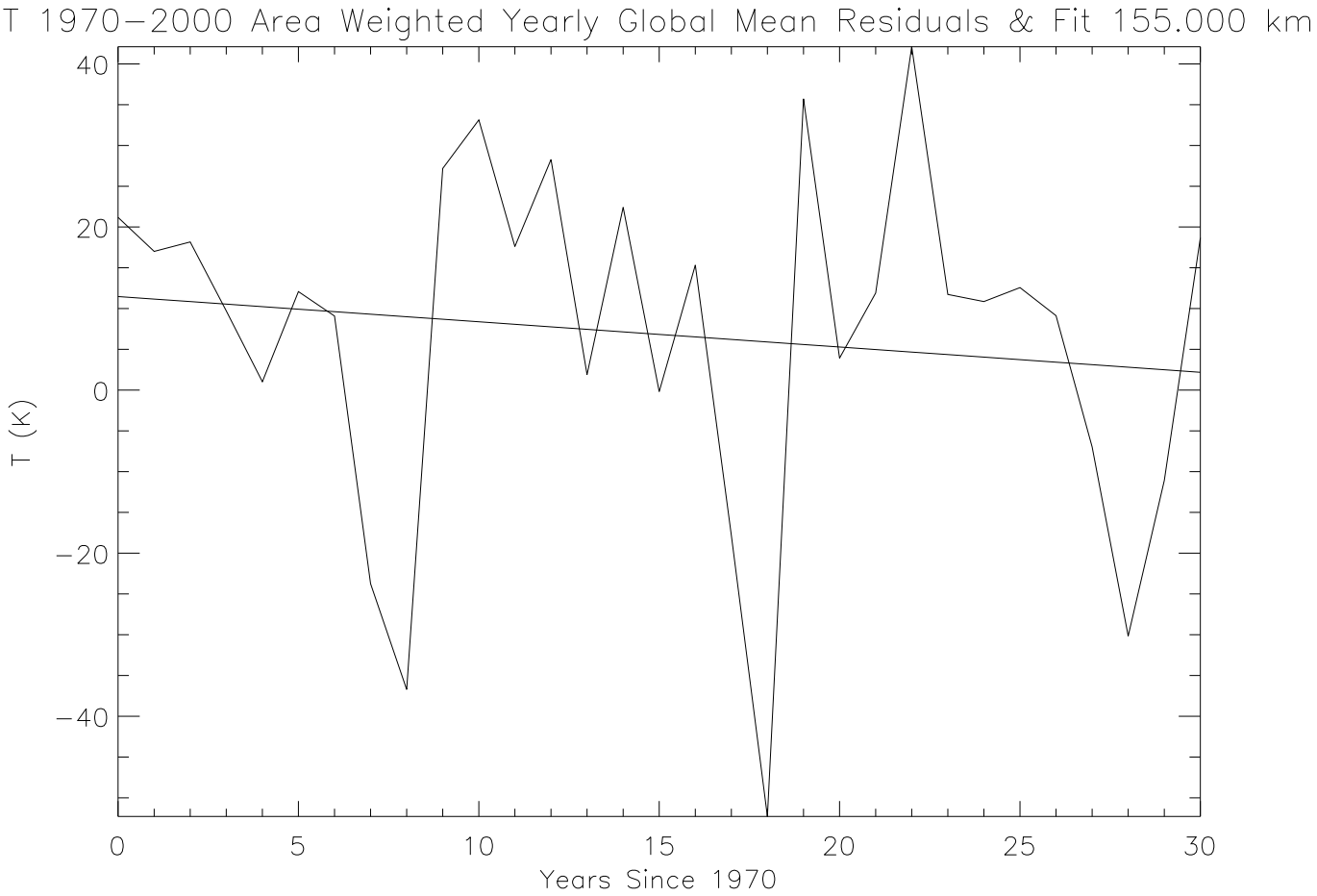

T 1955–2005 Area Weighted Yearly Global Mean Residuals & Fit 160.000 km
T (K)
40
20
0
−20
−40
0
10
20
30
40
50
Years Since 1955

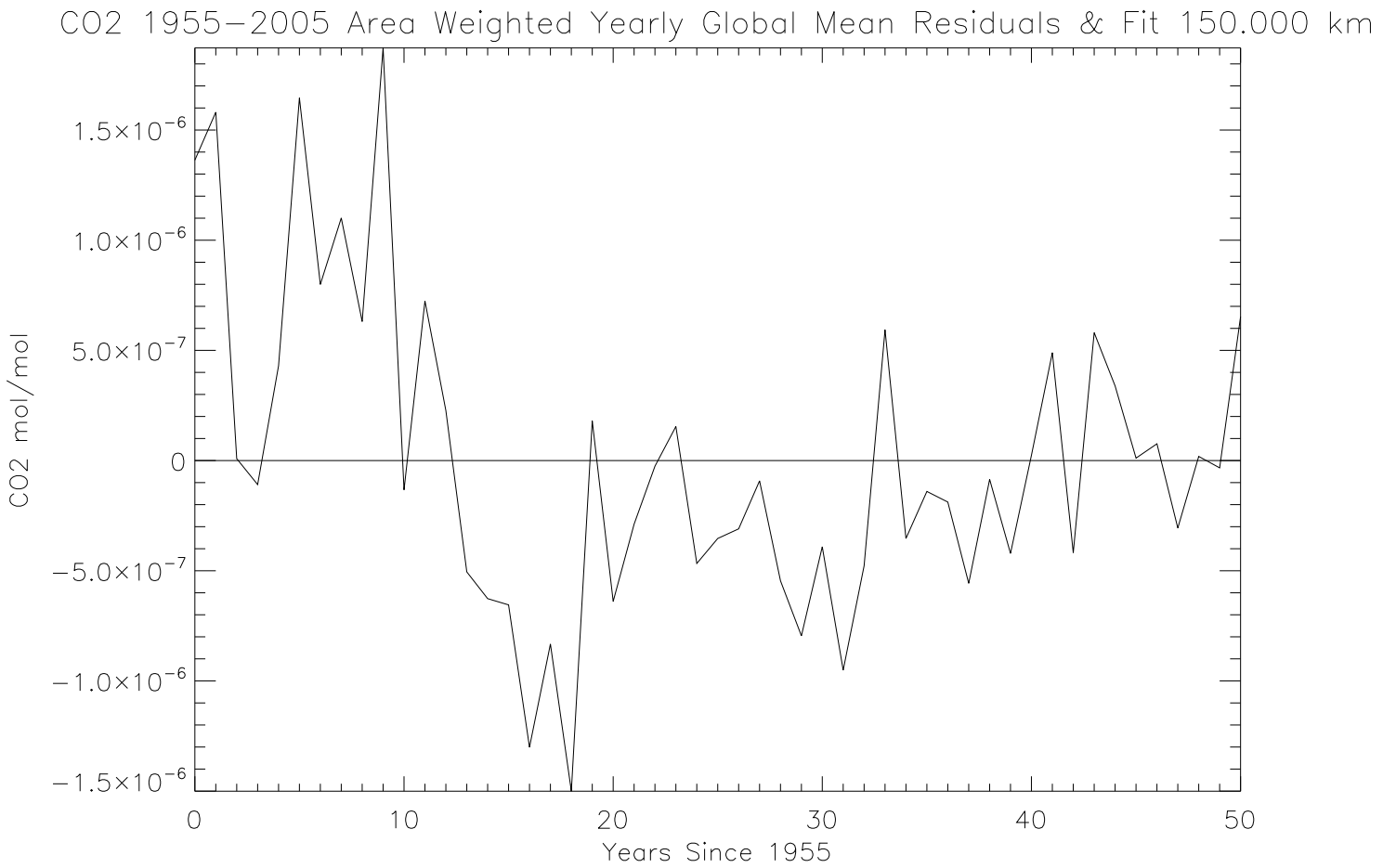

T 1970−2000 Area Weighted Yearly Global Mean Residuals & Fit 160.000 km
40
20
0
−20
−40
T (K)
0
5
10
15
20
25
30
Years Since 1970

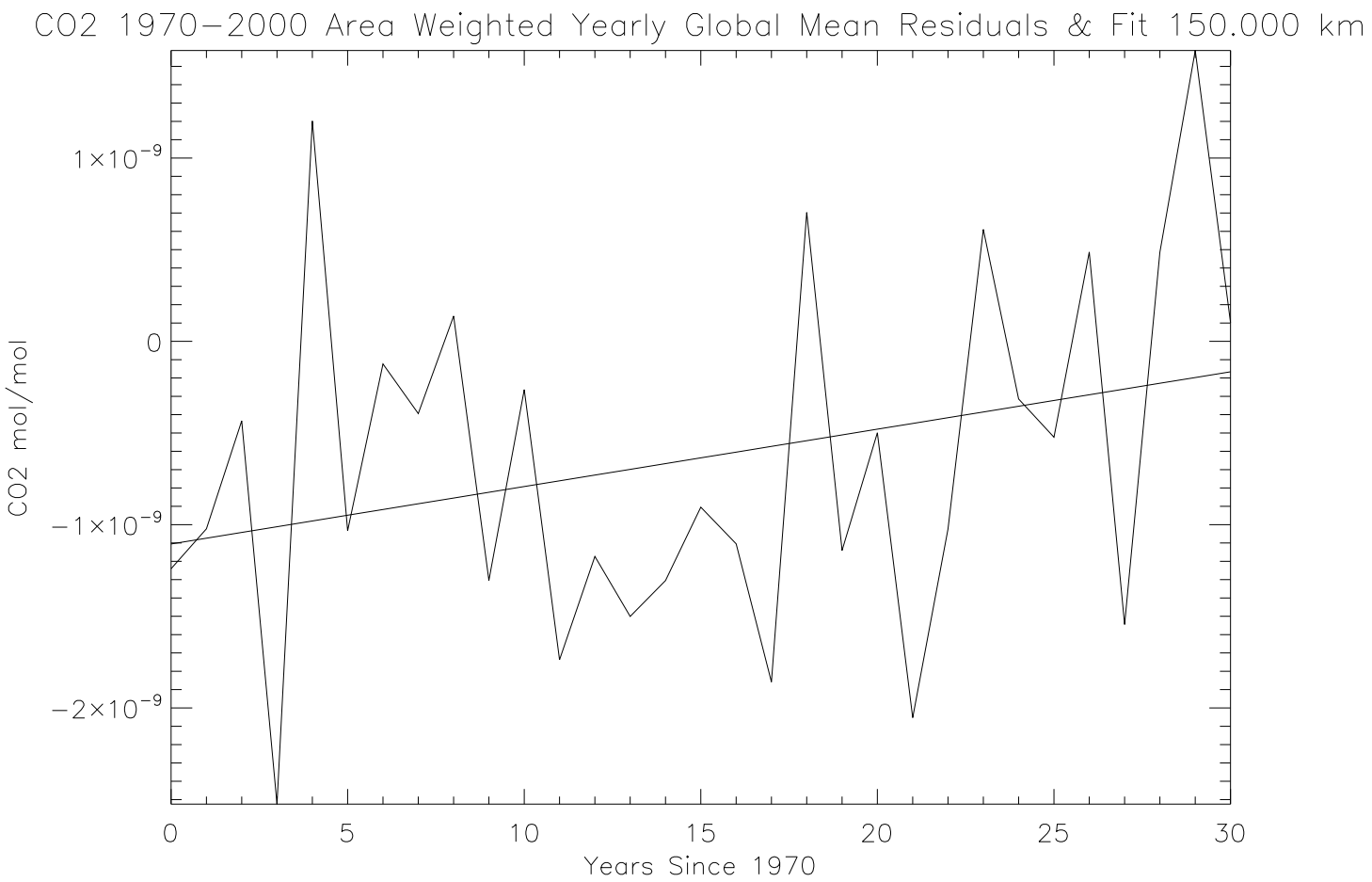

CO2 1955–2005 Area Weighted Yearly Global Mean Residuals & Fit 155.000 km
1.5×10⁻⁶
1.0×10⁻⁶
5.0×10⁻⁷
0
−5.0×10⁻⁷
−1.0×10⁻⁶
CO2 mol/mol
0
10
20
30
40
50
Years Since 1955

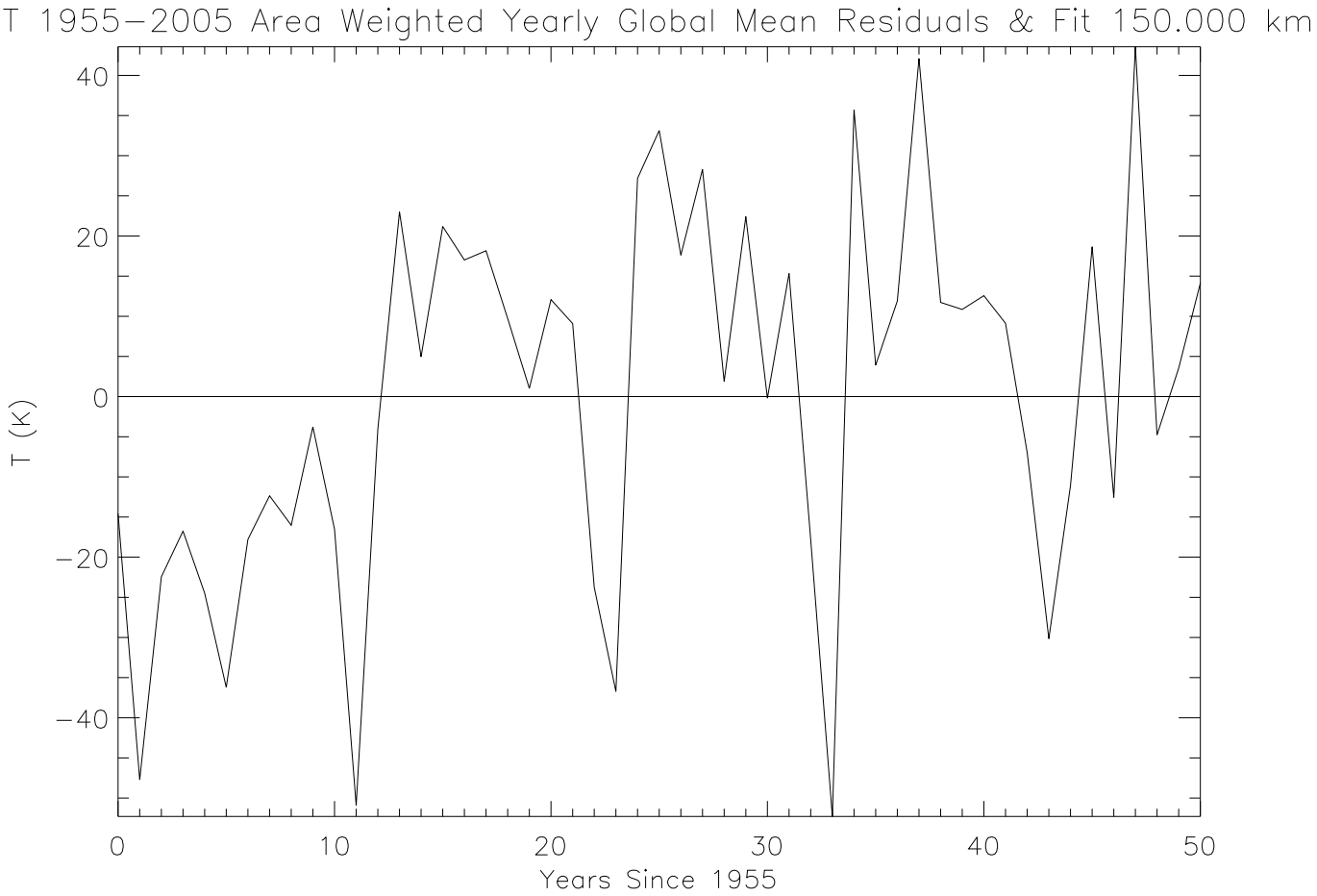

CO2 1970−2000 Area Weighted Yearly Global Mean Residuals & Fit 155.000 km
1×10⁻⁹
0
−1×10⁻⁹
−2×10⁻⁹
CO2 mol/mol
0
5
10
15
20
25
30
Years Since 1970

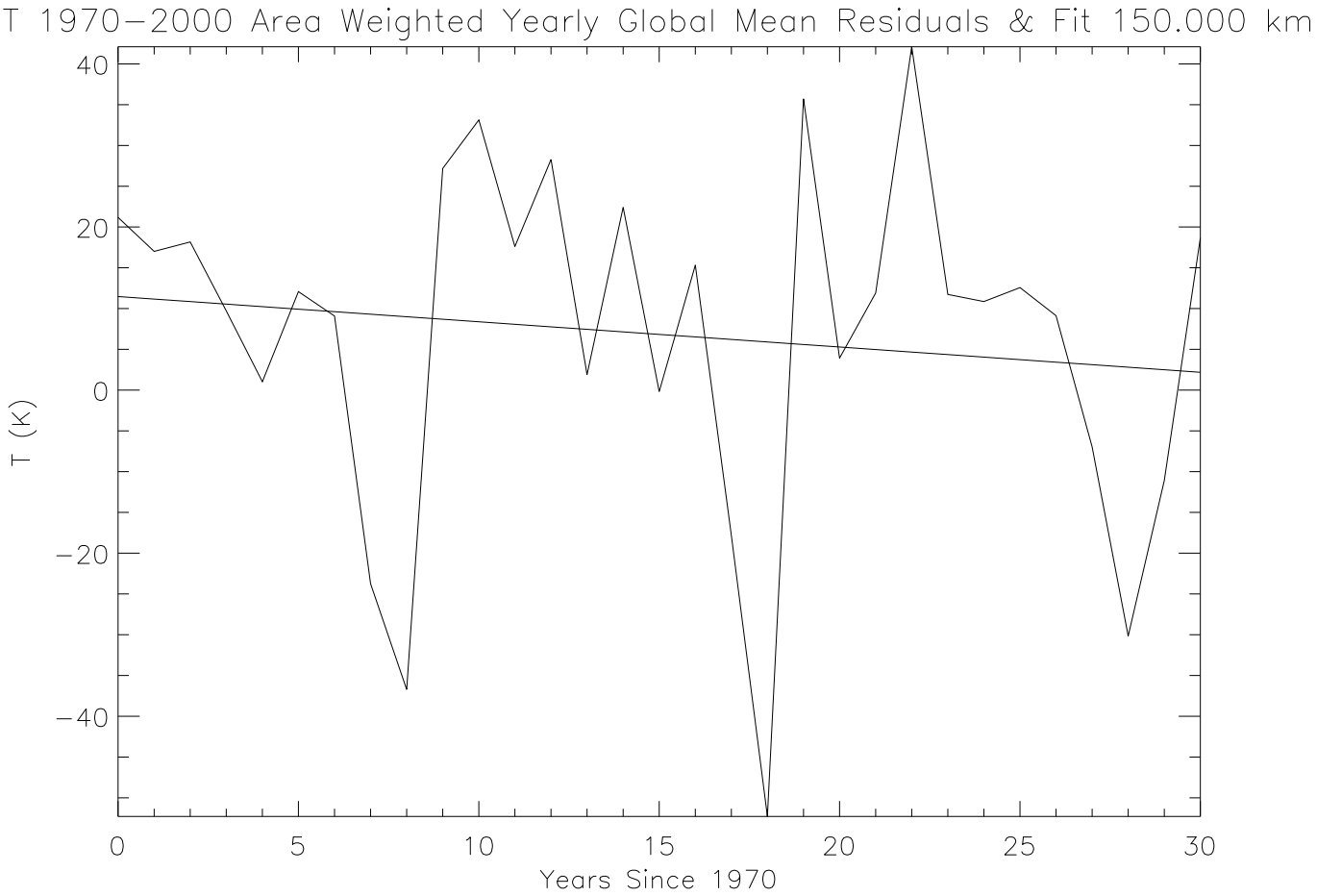

T 1955–2005 Area Weighted Yearly Global Mean Residuals & Fit 155.000 km
T (K)
40
20
0
−20
−40
0
10
20
30
40
50
Years Since 1955

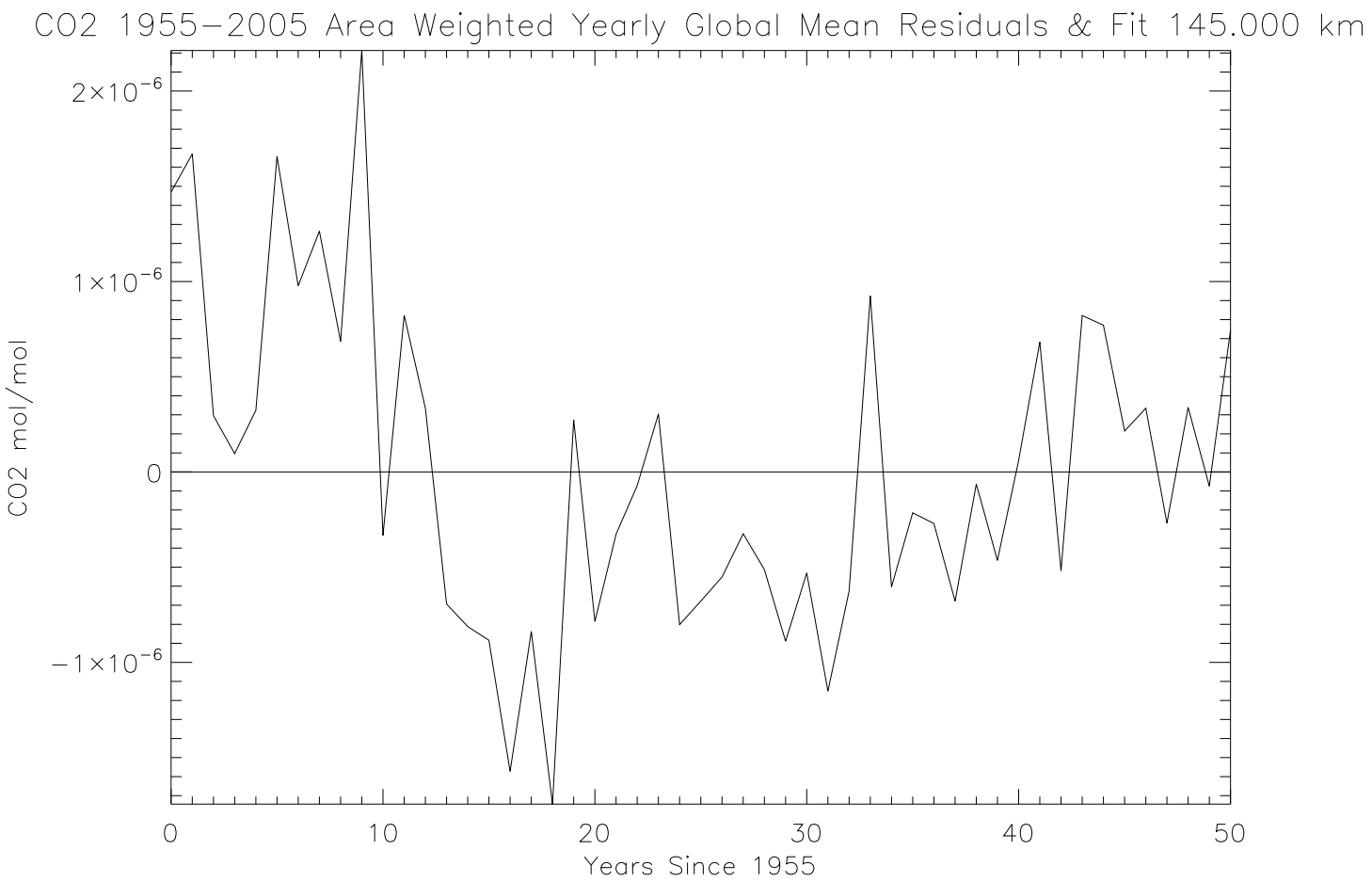

T 1970−2000 Area Weighted Yearly Global Mean Residuals & Fit 155.000 km
T (K)
40
20
0
−20
−40
0
5
10
15
20
25
30
Years Since 1970

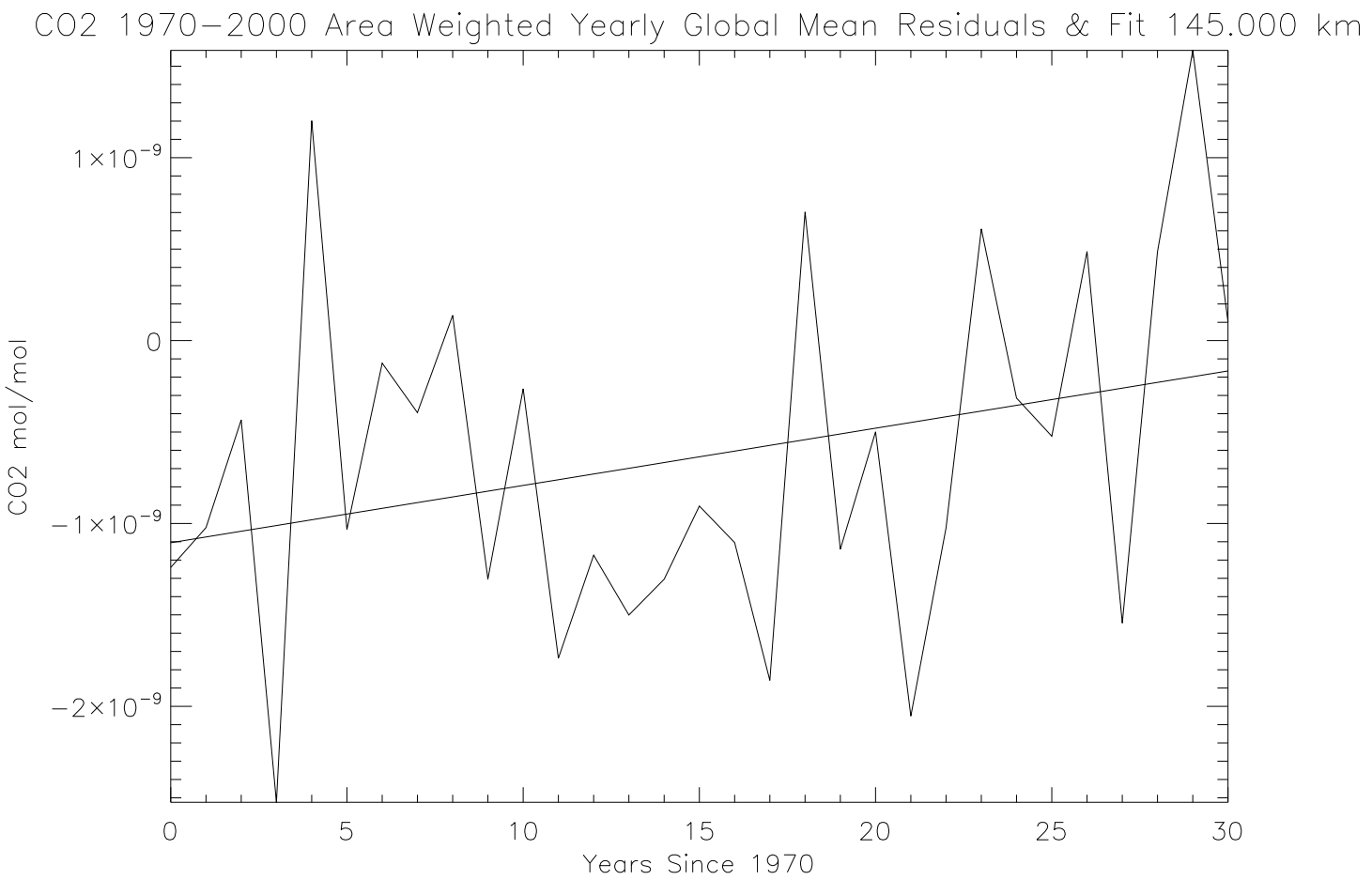

CO2 1955–2005 Area Weighted Yearly Global Mean Residuals & Fit 150.000 km
CO2 mol/mol
1.5×10⁻⁶
1.0×10⁻⁶
5.0×10⁻⁷
0
−5.0×10⁻⁷
−1.0×10⁻⁶
−1.5×10⁻⁶
0
10
20
30
40
50
Years Since 1955

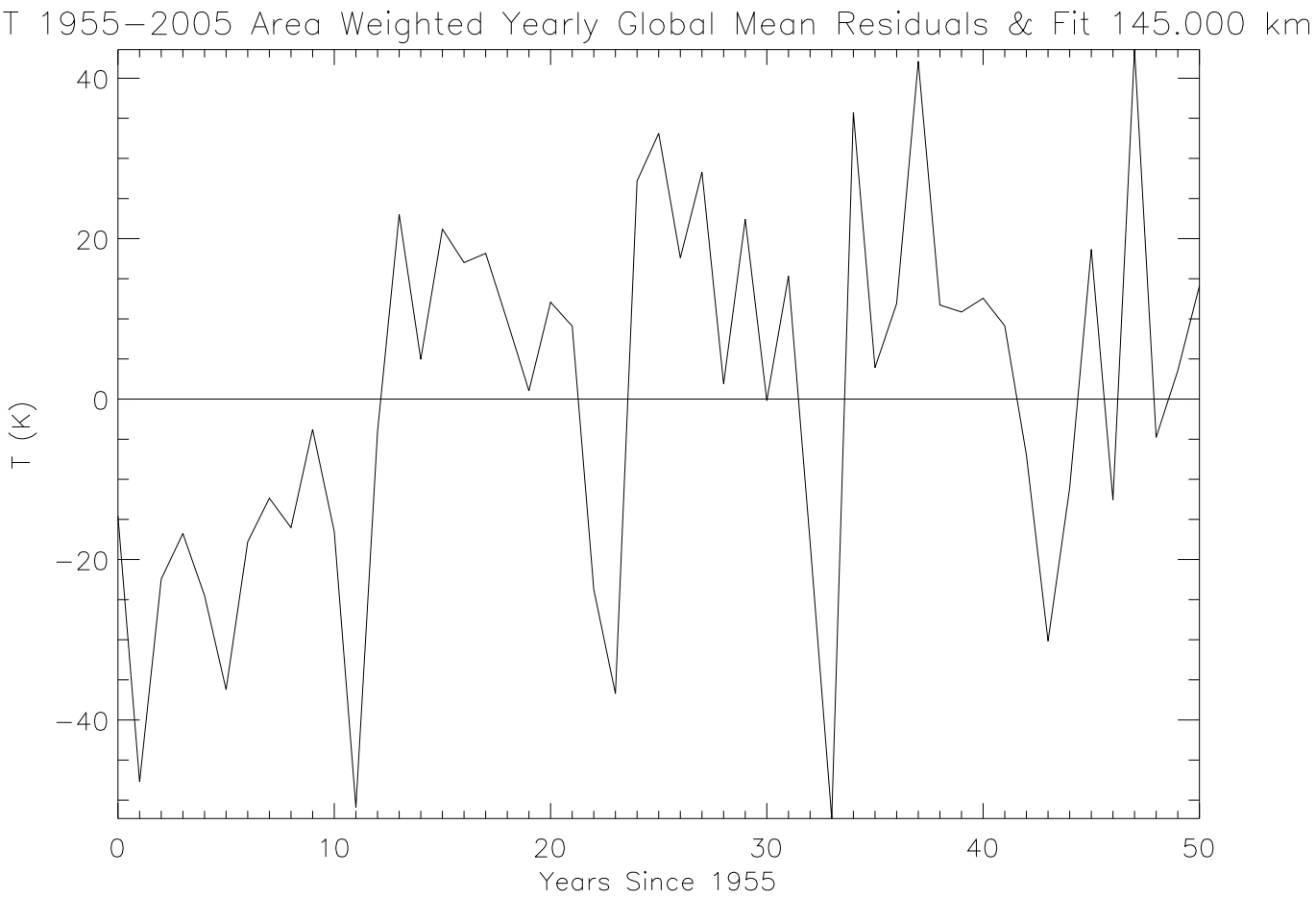

CO2 1970−2000 Area Weighted Yearly Global Mean Residuals & Fit 150.000 km
1×10⁻⁹
0
−1×10⁻⁹
−2×10⁻⁹
CO2 mol/mol
0
5
10
15
20
25
30
Years Since 1970

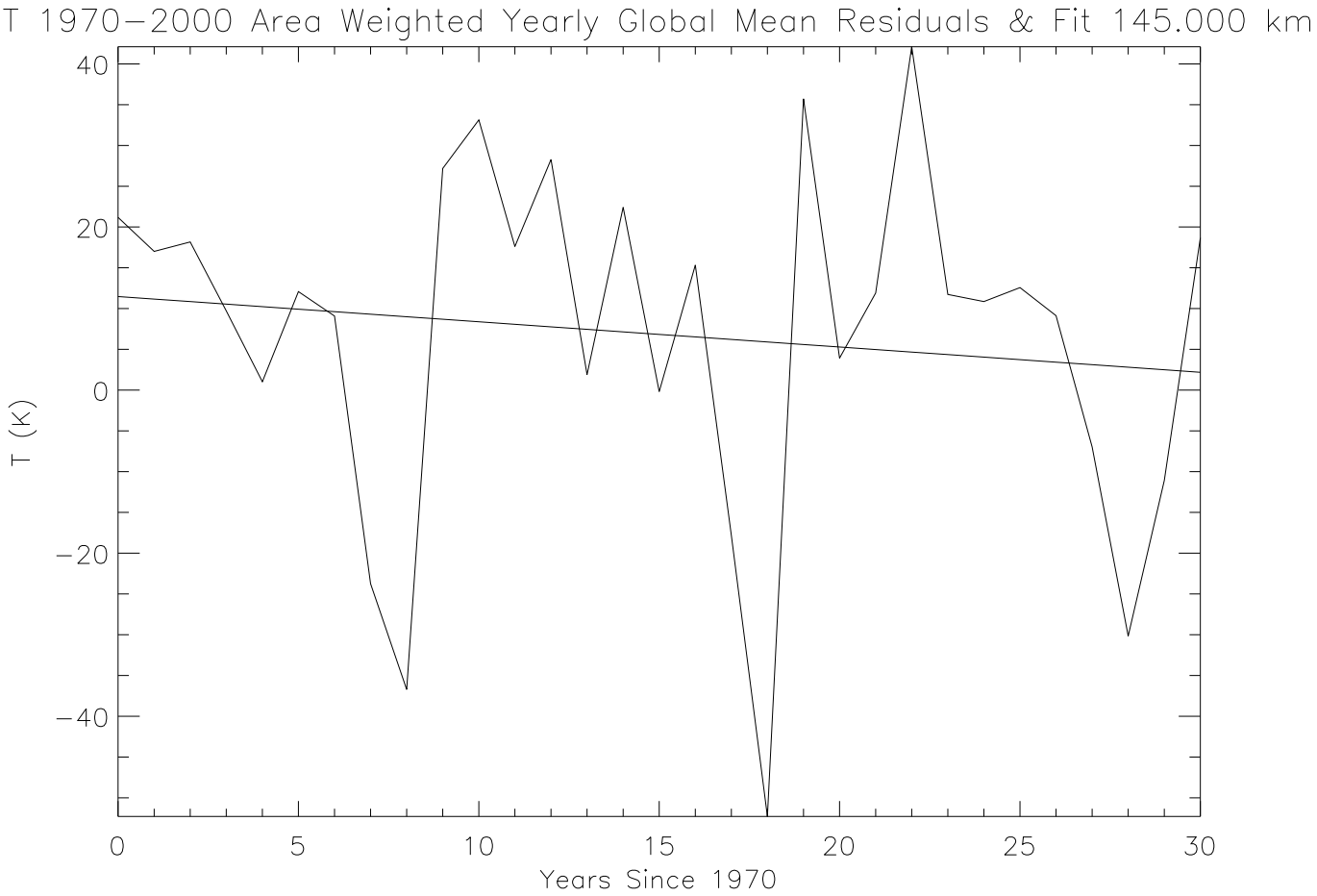

T 1955−2005 Area Weighted Yearly Global Mean Residuals & Fit 150.000 km
T (K)
40
20
0
−20
−40
0
10
20
30
40
50
Years Since 1955

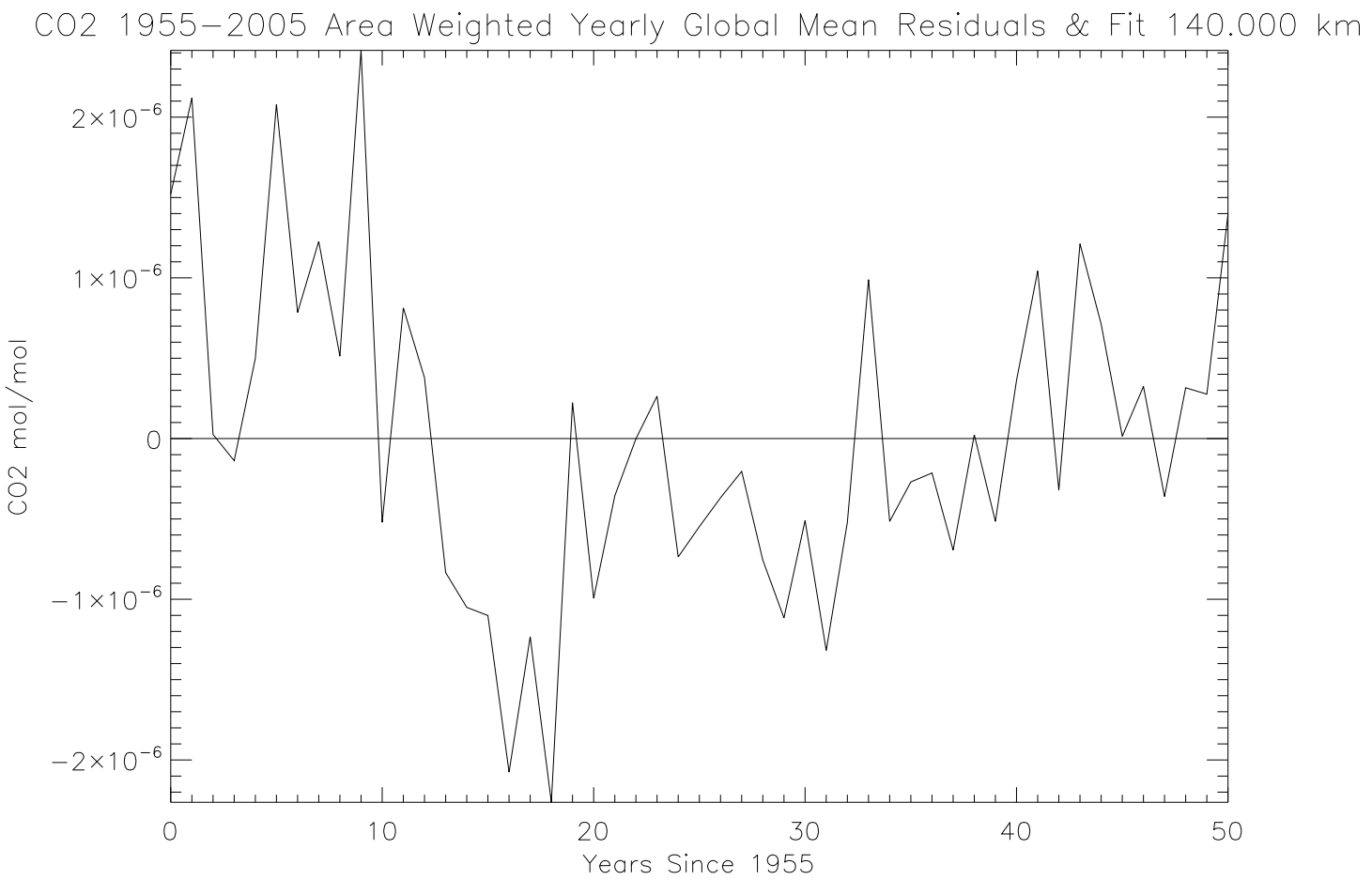

T 1970−2000 Area Weighted Yearly Global Mean Residuals & Fit 150.000 km
T (K)
40
20
0
−20
−40
0
5
10
15
20
25
30
Years Since 1970

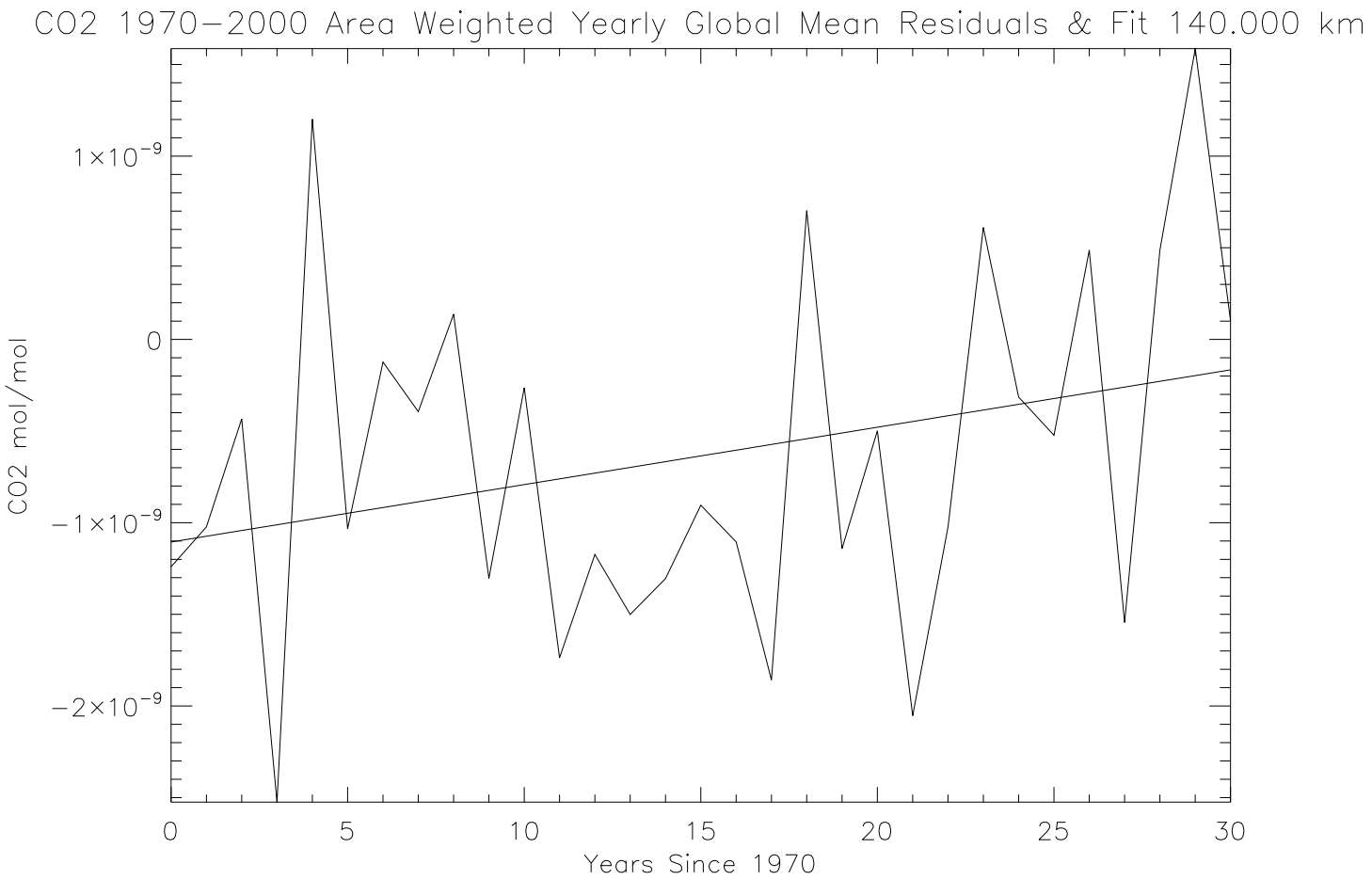

CO2 1955–2005 Area Weighted Yearly Global Mean Residuals & Fit 145.000 km
2×10⁻⁶
1×10⁻⁶
0
−1×10⁻⁶
CO2 mol/mol
0
10
20
30
40
50
Years Since 1955

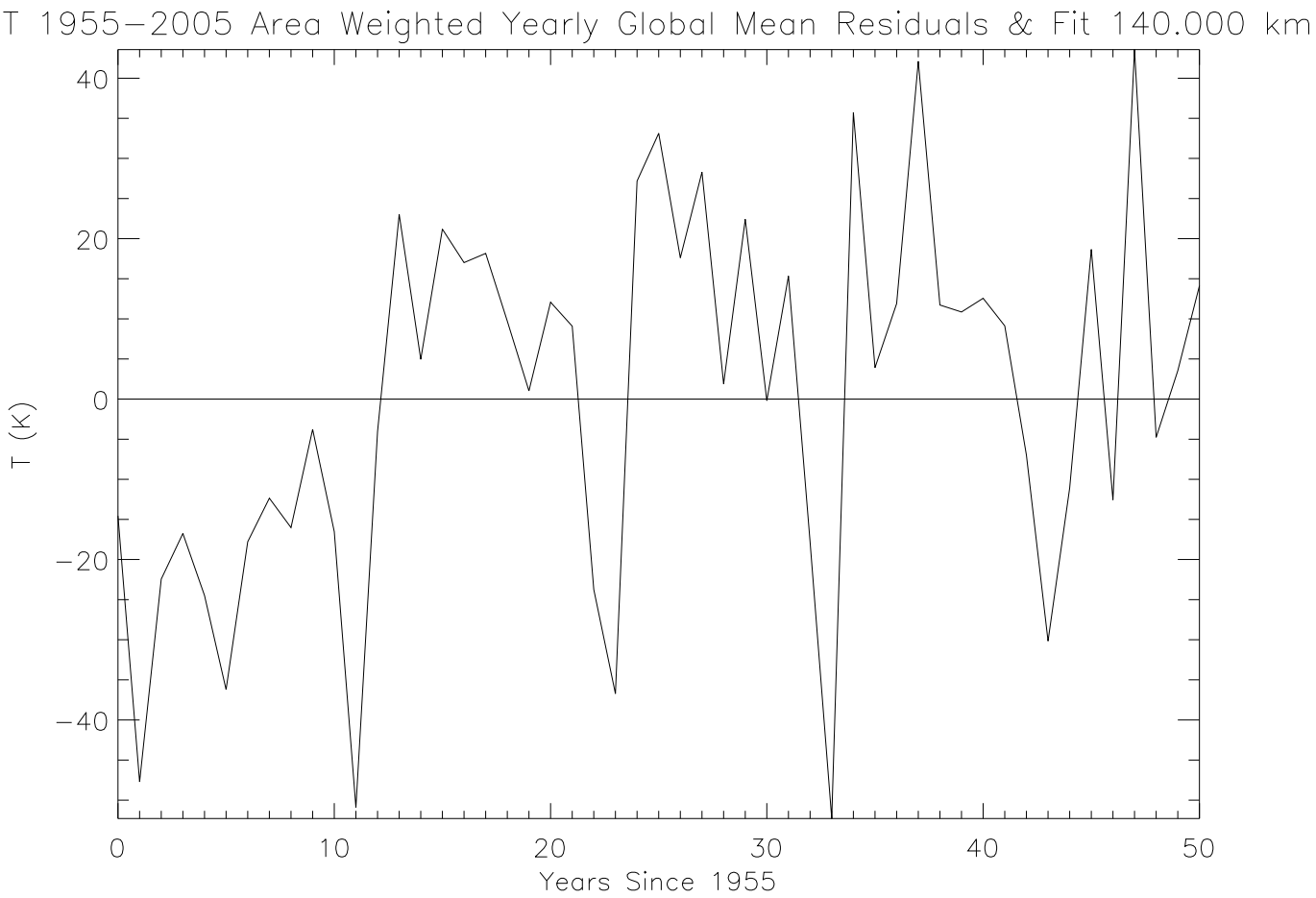

CO2 1970−2000 Area Weighted Yearly Global Mean Residuals & Fit 145.000 km
1×10⁻⁹
0
−1×10⁻⁹
−2×10⁻⁹
CO2 mol/mol
0
5
10
15
20
25
30
Years Since 1970

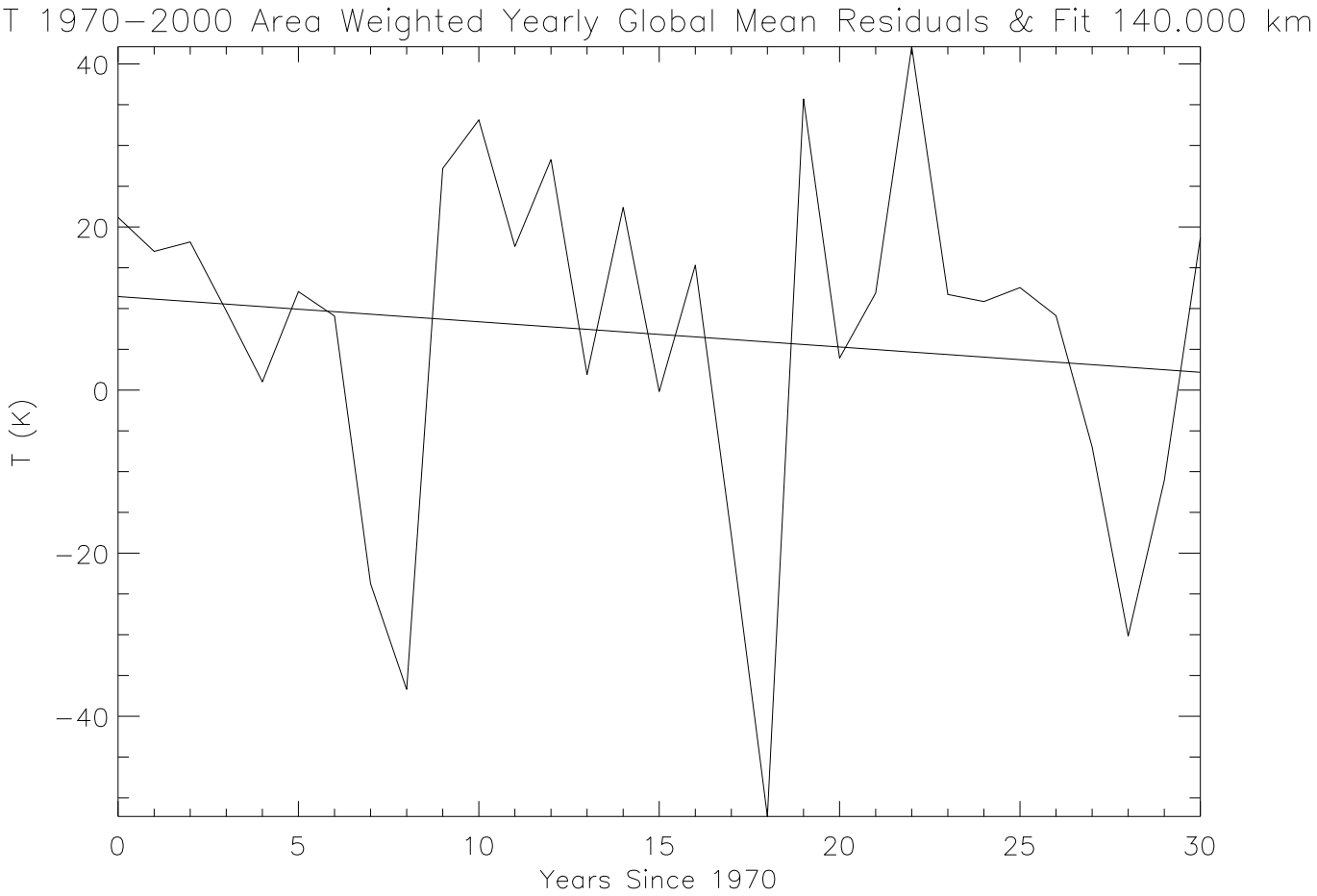

T 1955−2005 Area Weighted Yearly Global Mean Residuals & Fit 145.000 km
T (K)
40
20
0
−20
−40
0
10
20
30
40
50
Years Since 1955

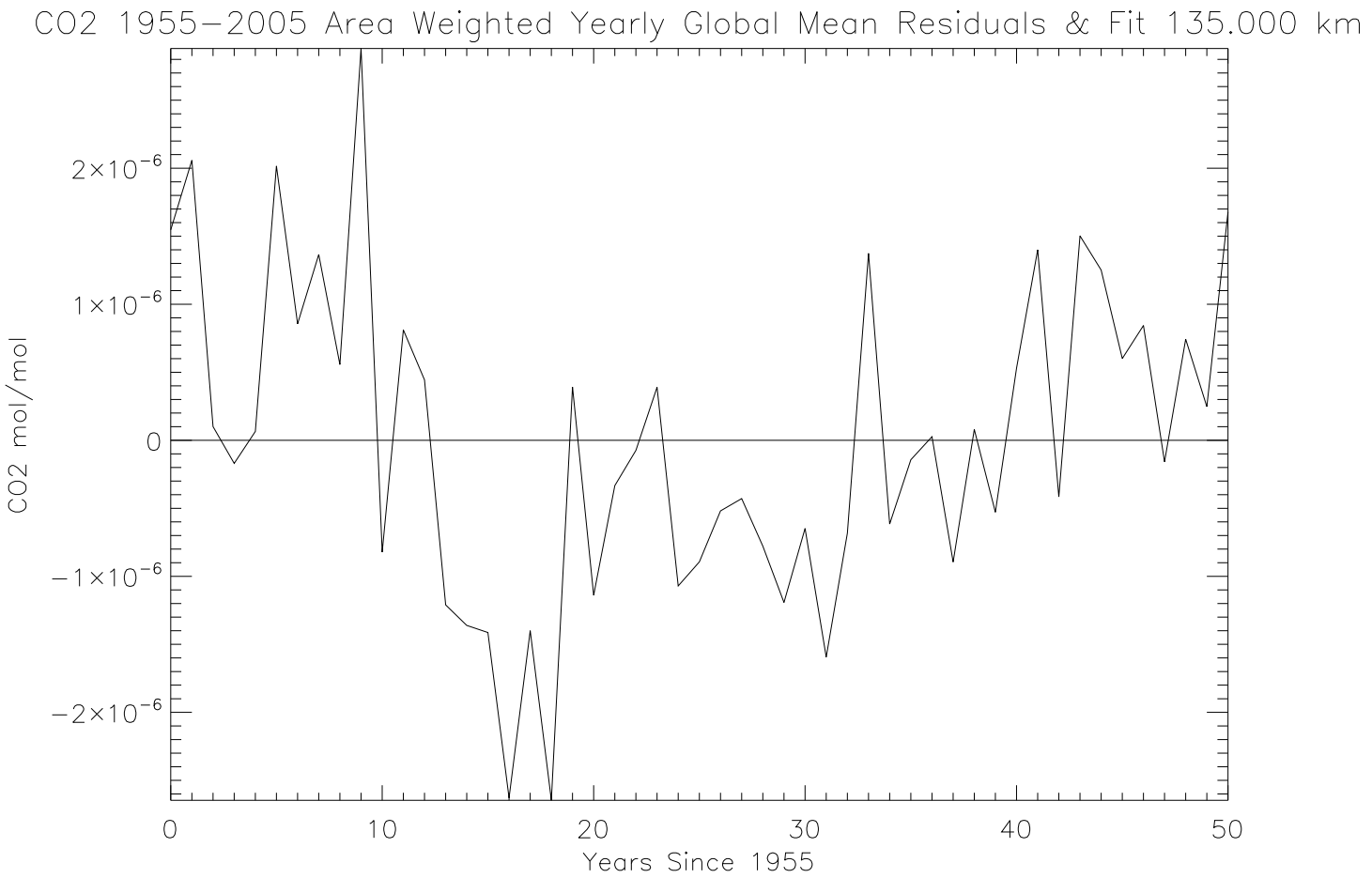

T 1970−2000 Area Weighted Yearly Global Mean Residuals & Fit 145.000 km
T (K)
40
20
0
−20
−40
0
5
10
15
20
25
30
Years Since 1970

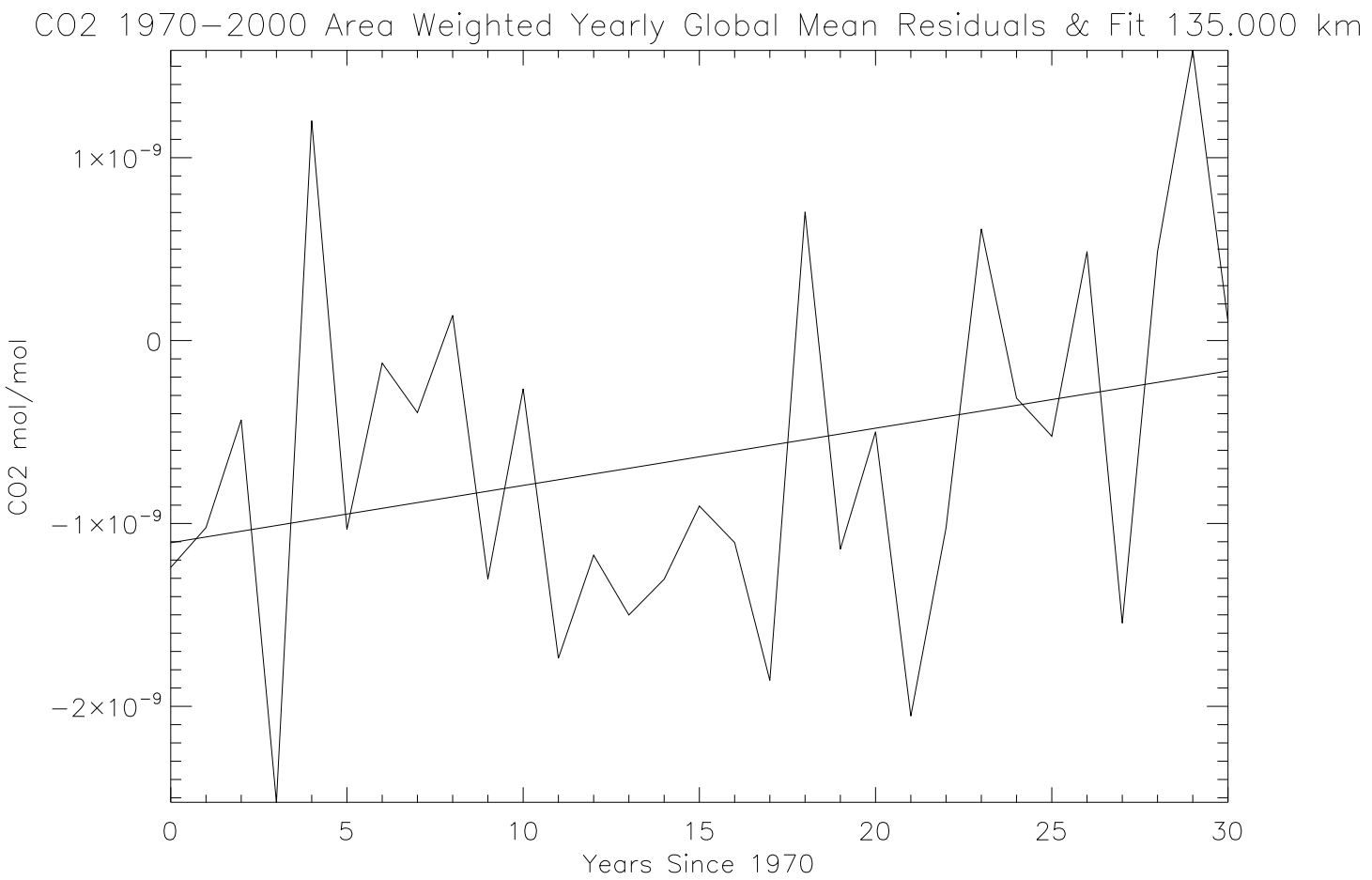

CO2 1955–2005 Area Weighted Yearly Global Mean Residuals & Fit 140.000 km
2×10⁻⁶
1×10⁻⁶
0
−1×10⁻⁶
−2×10⁻⁶
CO2 mol/mol
0
10
20
30
40
50
Years Since 1955

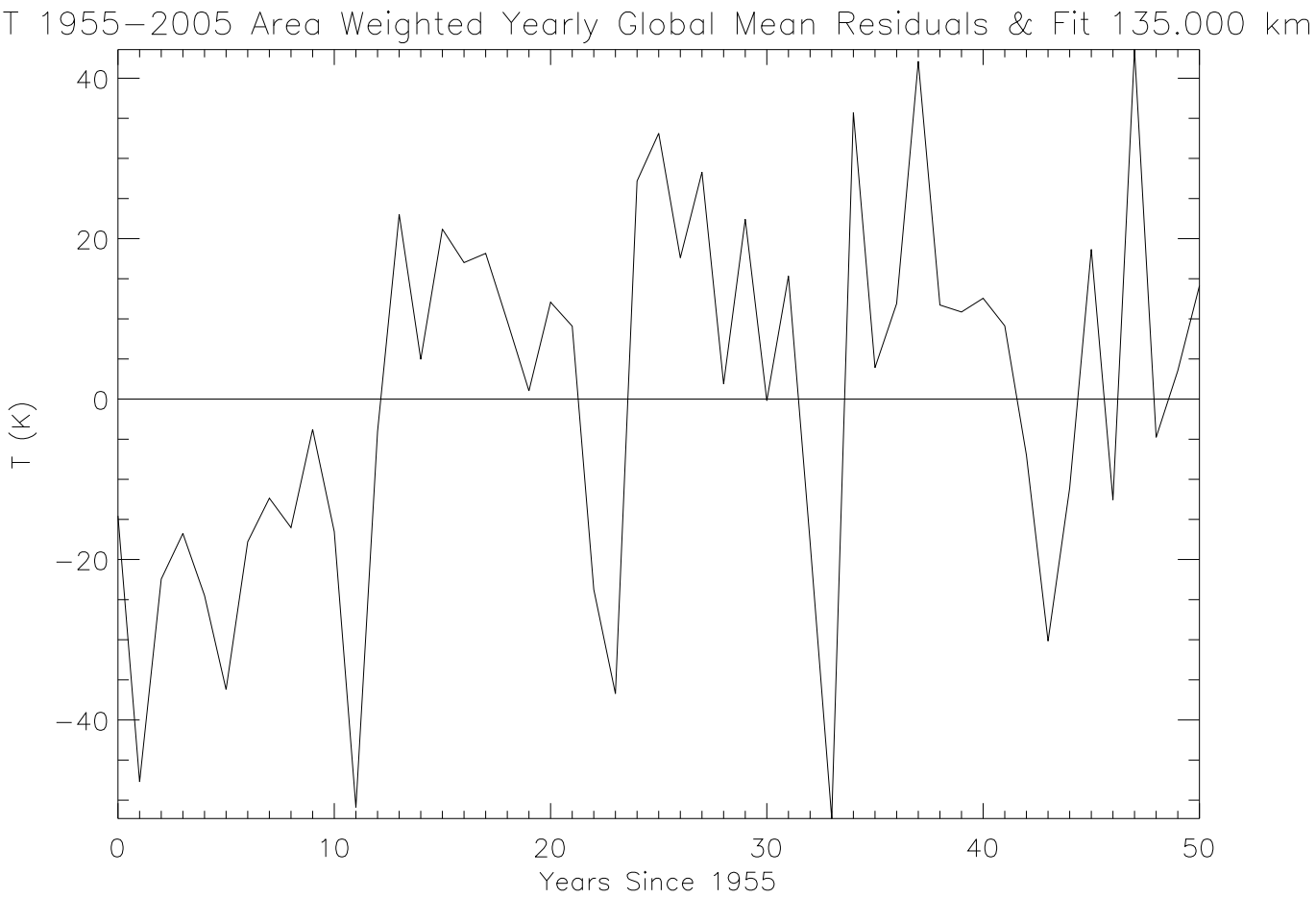

CO2 1970−2000 Area Weighted Yearly Global Mean Residuals & Fit 140.000 km
1×10⁻⁹
0
−1×10⁻⁹
−2×10⁻⁹
CO2 mol/mol
0
5
10
15
20
25
30
Years Since 1970

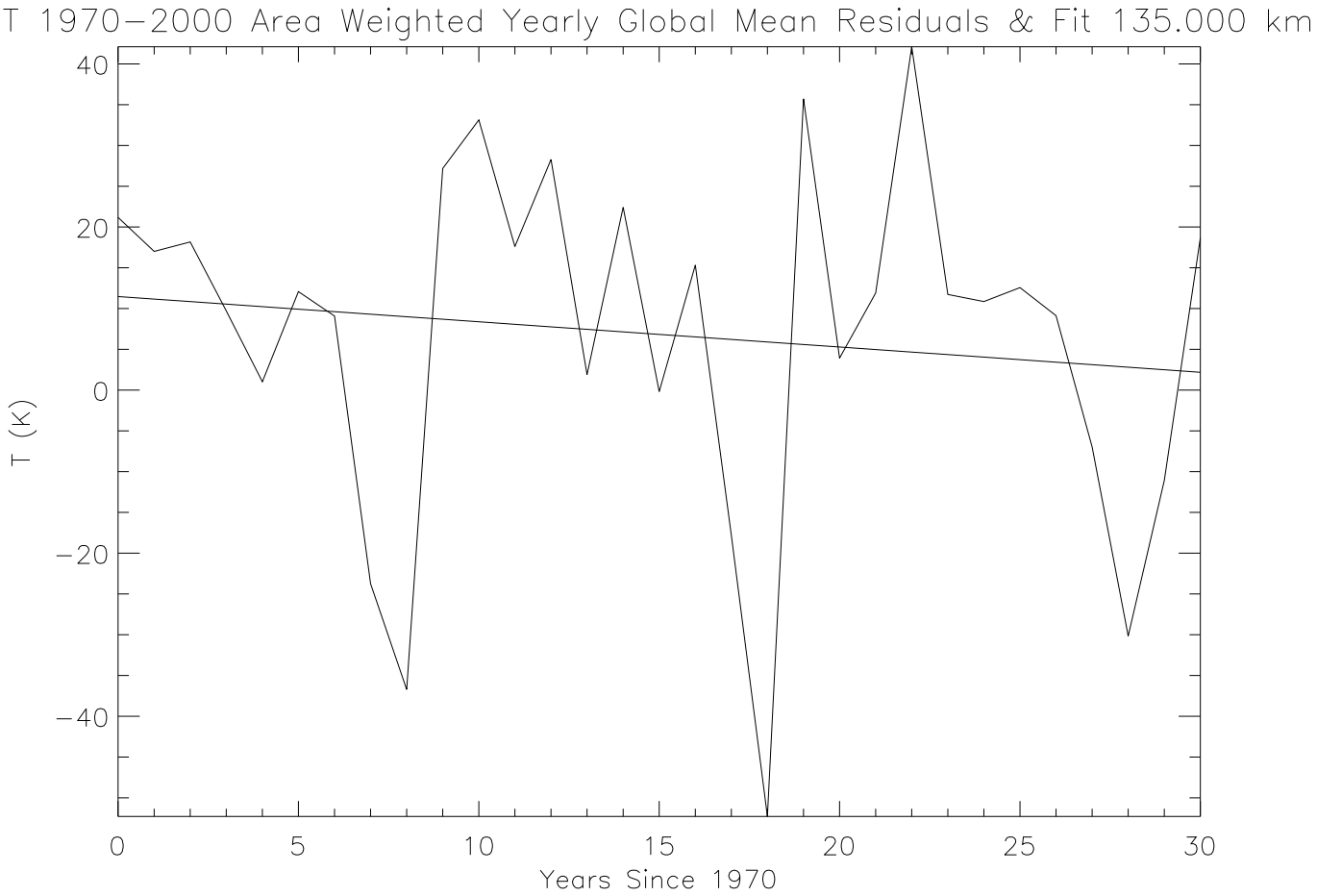

T 1955−2005 Area Weighted Yearly Global Mean Residuals & Fit 140.000 km
T (K)
40
20
0
−20
−40
0
10
20
30
40
50
Years Since 1955

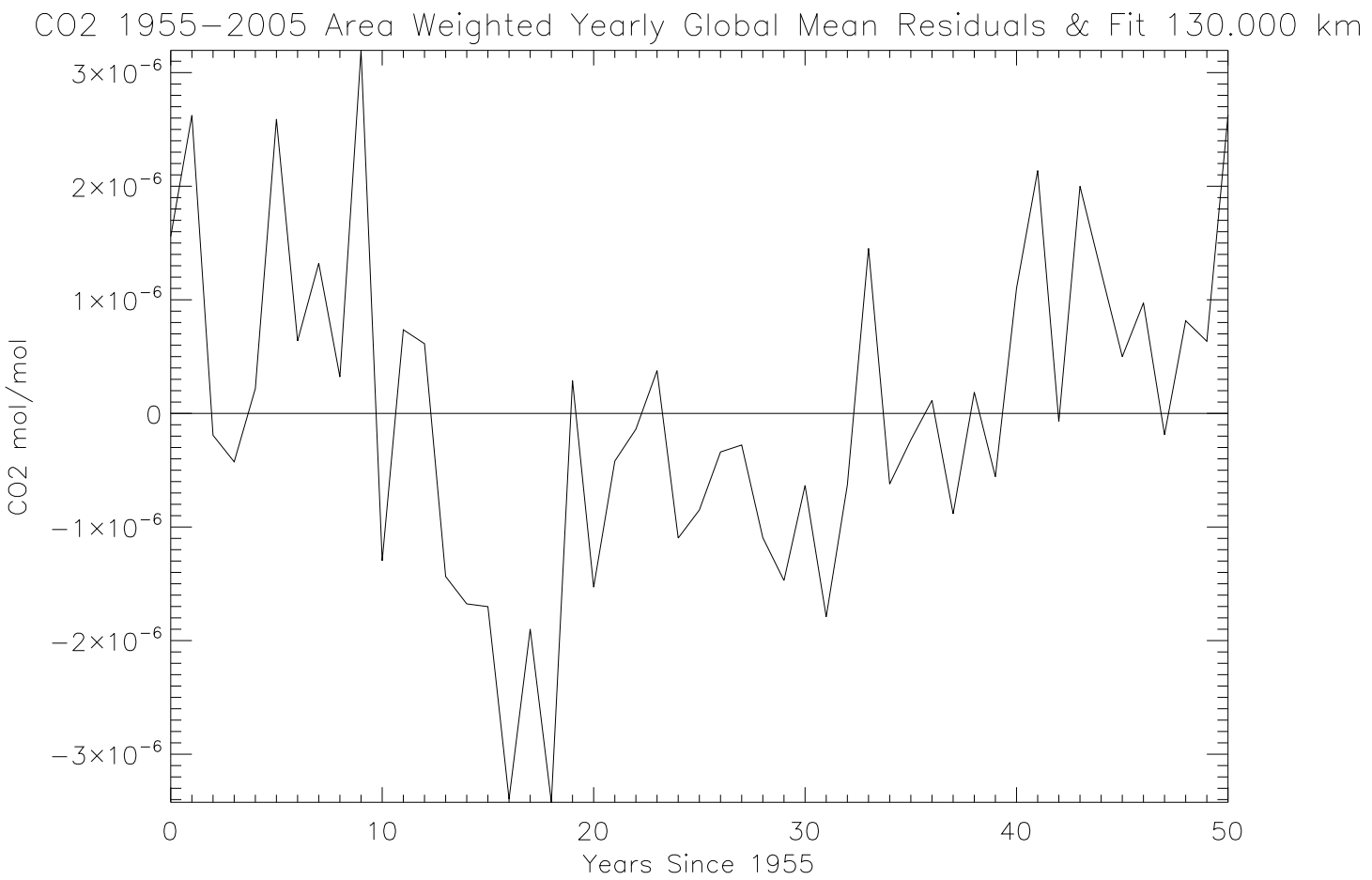

T 1970−2000 Area Weighted Yearly Global Mean Residuals & Fit 140.000 km
T (K)
40
20
0
−20
−40
0
5
10
15
20
25
30
Years Since 1970

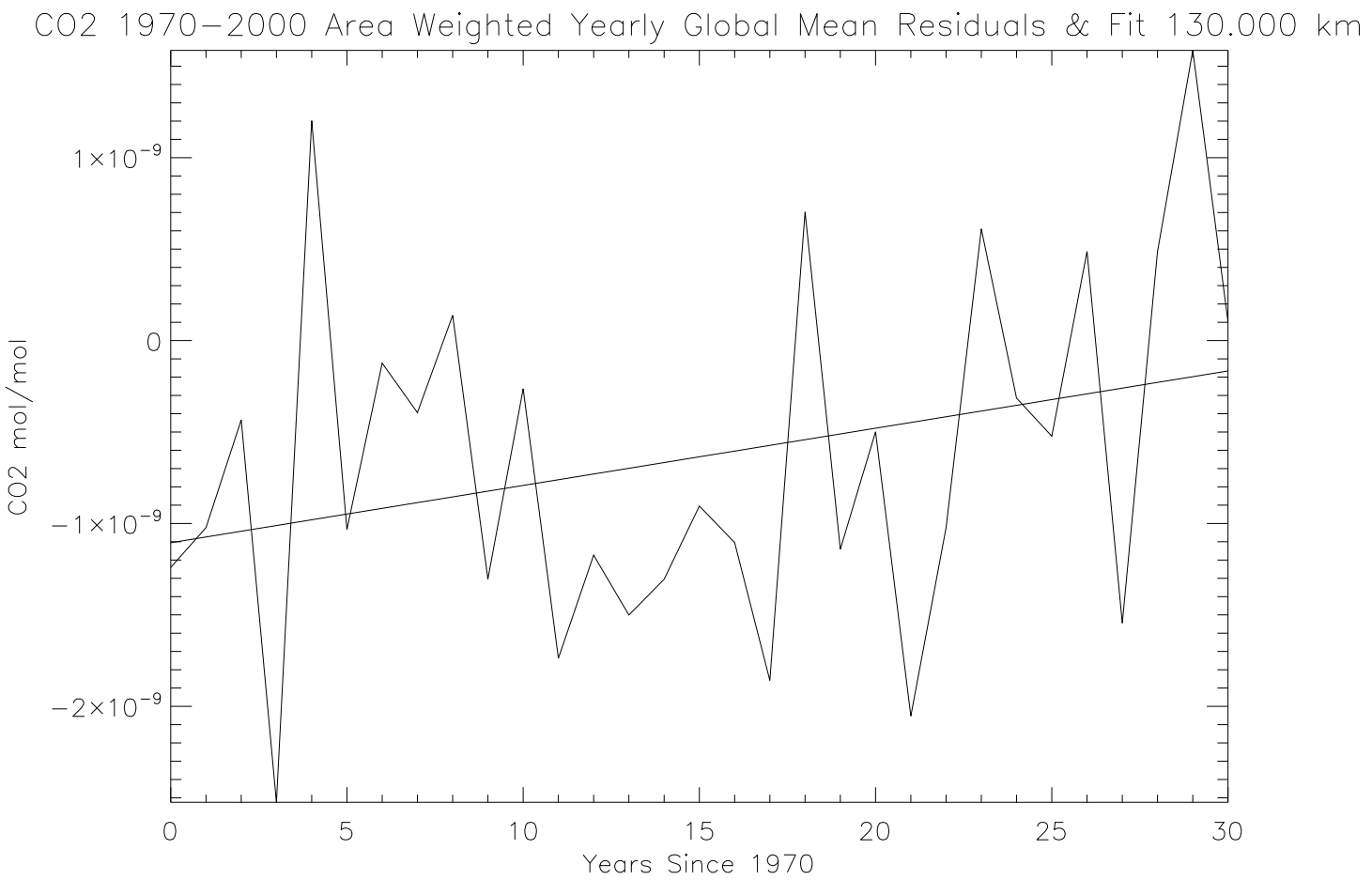

CO2 1955–2005 Area Weighted Yearly Global Mean Residuals & Fit 135.000 km
CO2 mol/mol
2×10⁻⁶
1×10⁻⁶
0
−1×10⁻⁶
−2×10⁻⁶
0
10
20
30
40
50
Years Since 1955

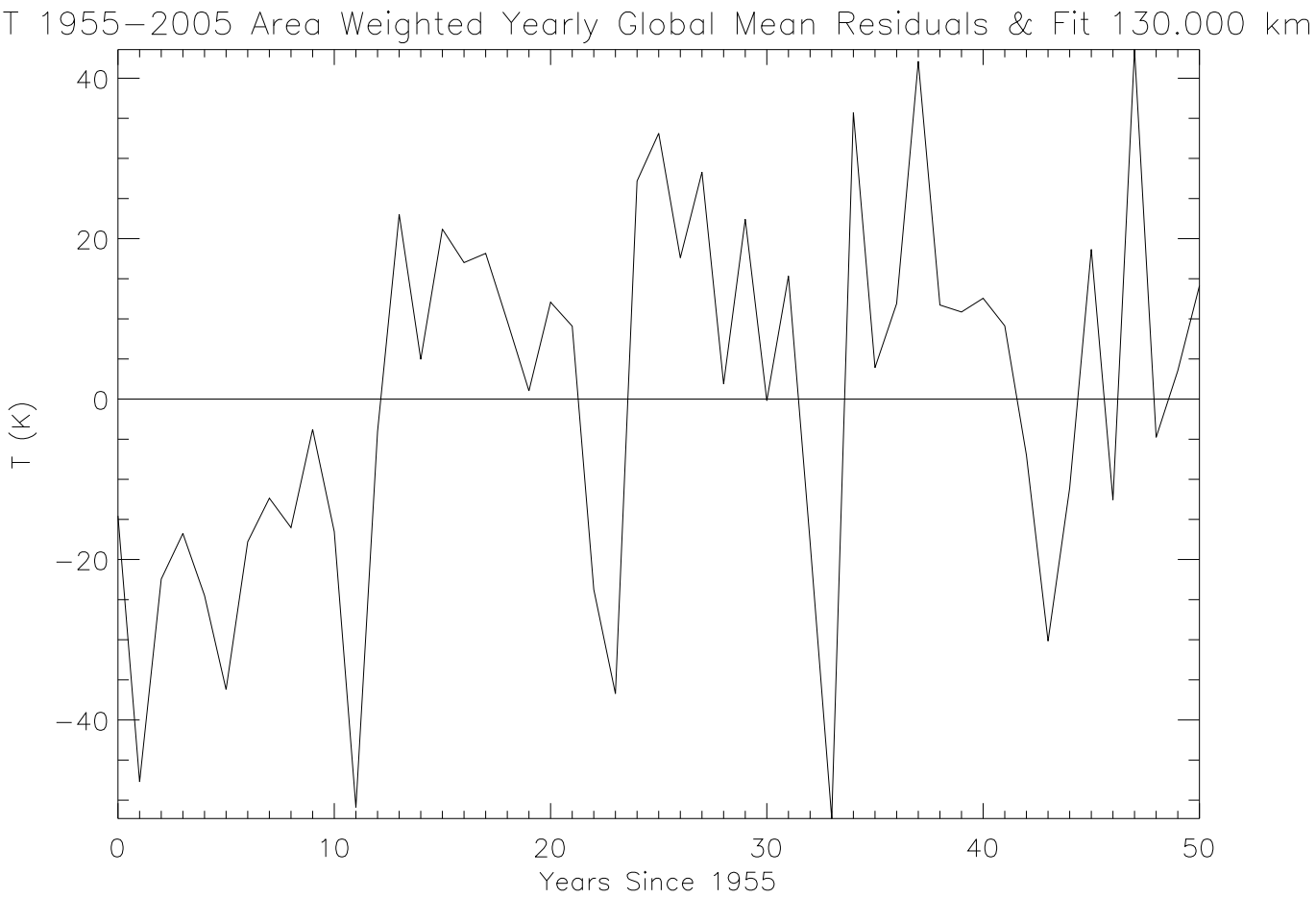

CO2 1970–2000 Area Weighted Yearly Global Mean Residuals & Fit 135.000 km
1×10⁻⁹
0
−1×10⁻⁹
−2×10⁻⁹
CO2 mol/mol
0
5
10
15
20
25
30
Years Since 1970

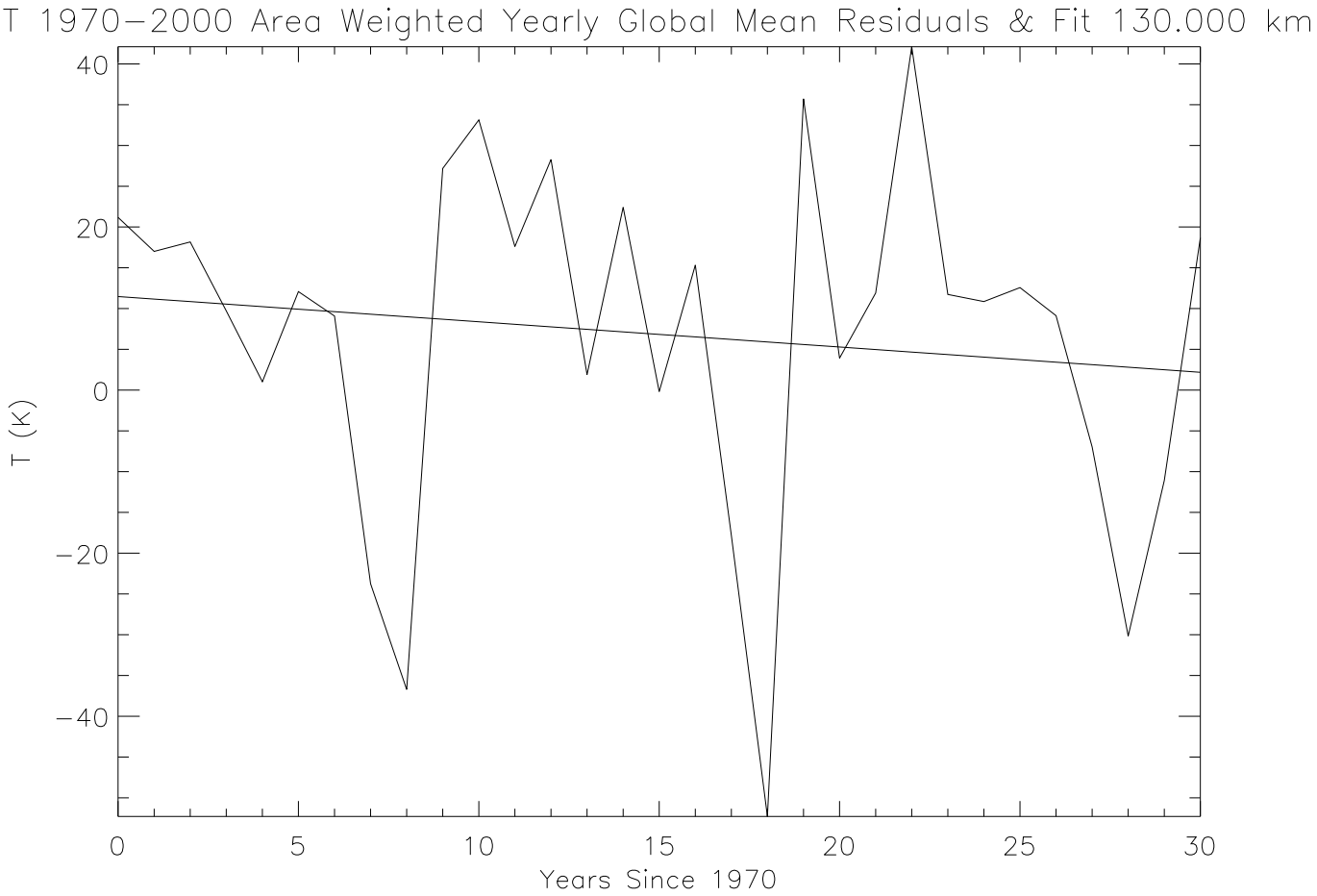

T 1955−2005 Area Weighted Yearly Global Mean Residuals & Fit 135.000 km
T (K)
40
20
0
−20
−40
0
10
20
30
40
50
Years Since 1955

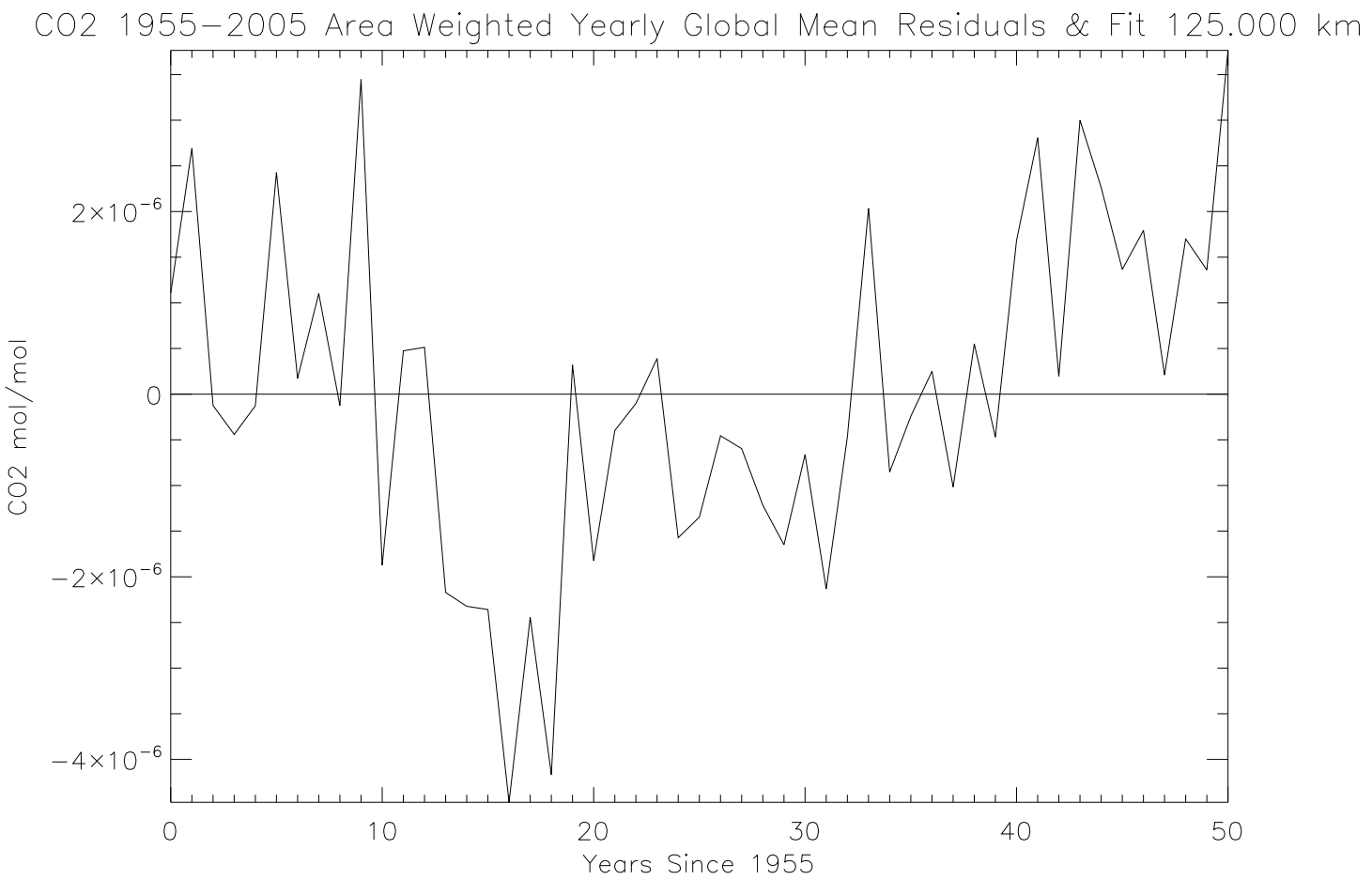

T 1970−2000 Area Weighted Yearly Global Mean Residuals & Fit 135.000 km
T (K)
40
20
0
−20
−40
0
5
10
15
20
25
30
Years Since 1970

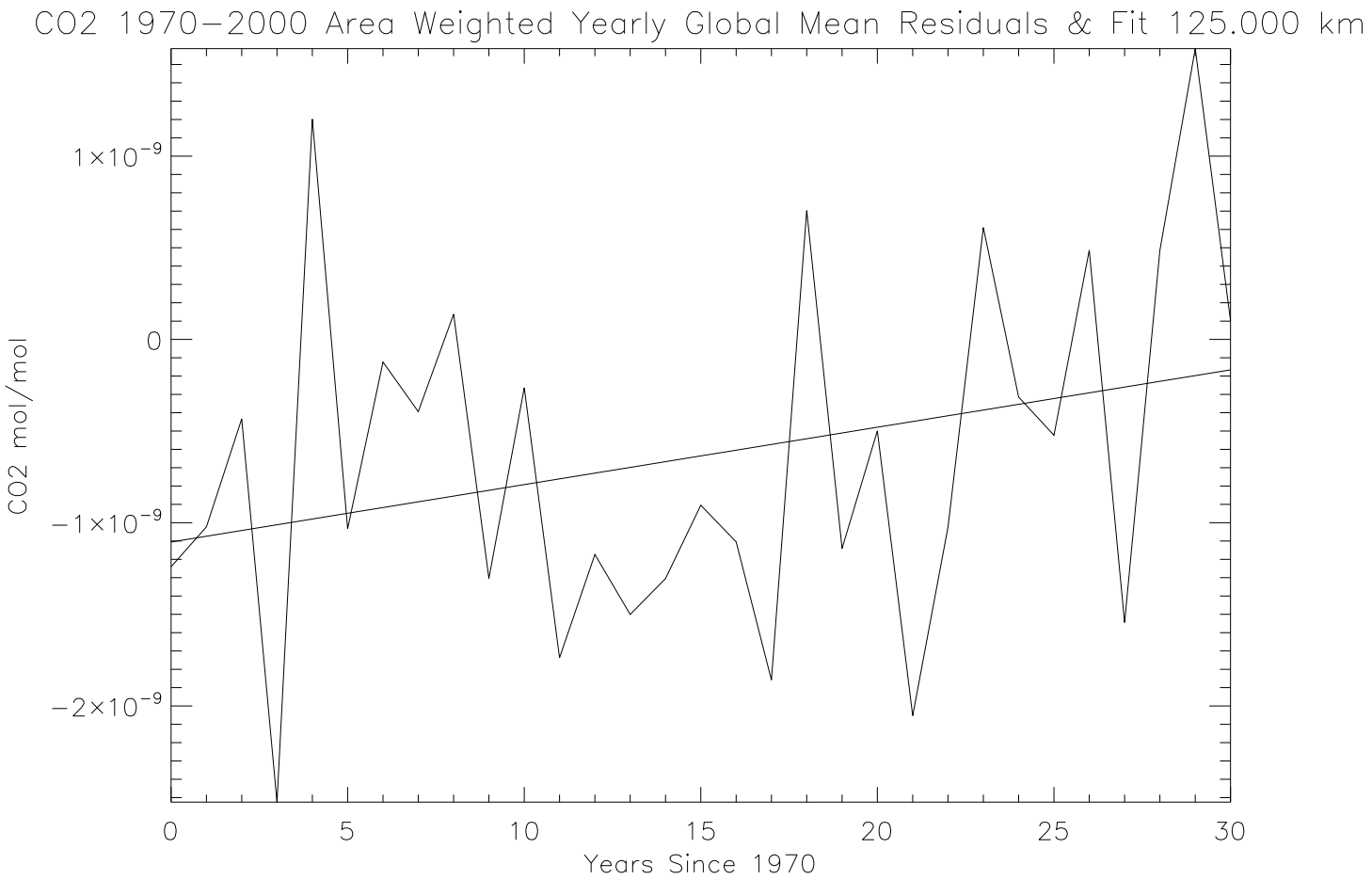

CO2 1955–2005 Area Weighted Yearly Global Mean Residuals & Fit 130.000 km
3×10⁻⁶
2×10⁻⁶
1×10⁻⁶
0
−1×10⁻⁶
−2×10⁻⁶
−3×10⁻⁶
CO2 mol/mol
0
10
20
30
40
50
Years Since 1955

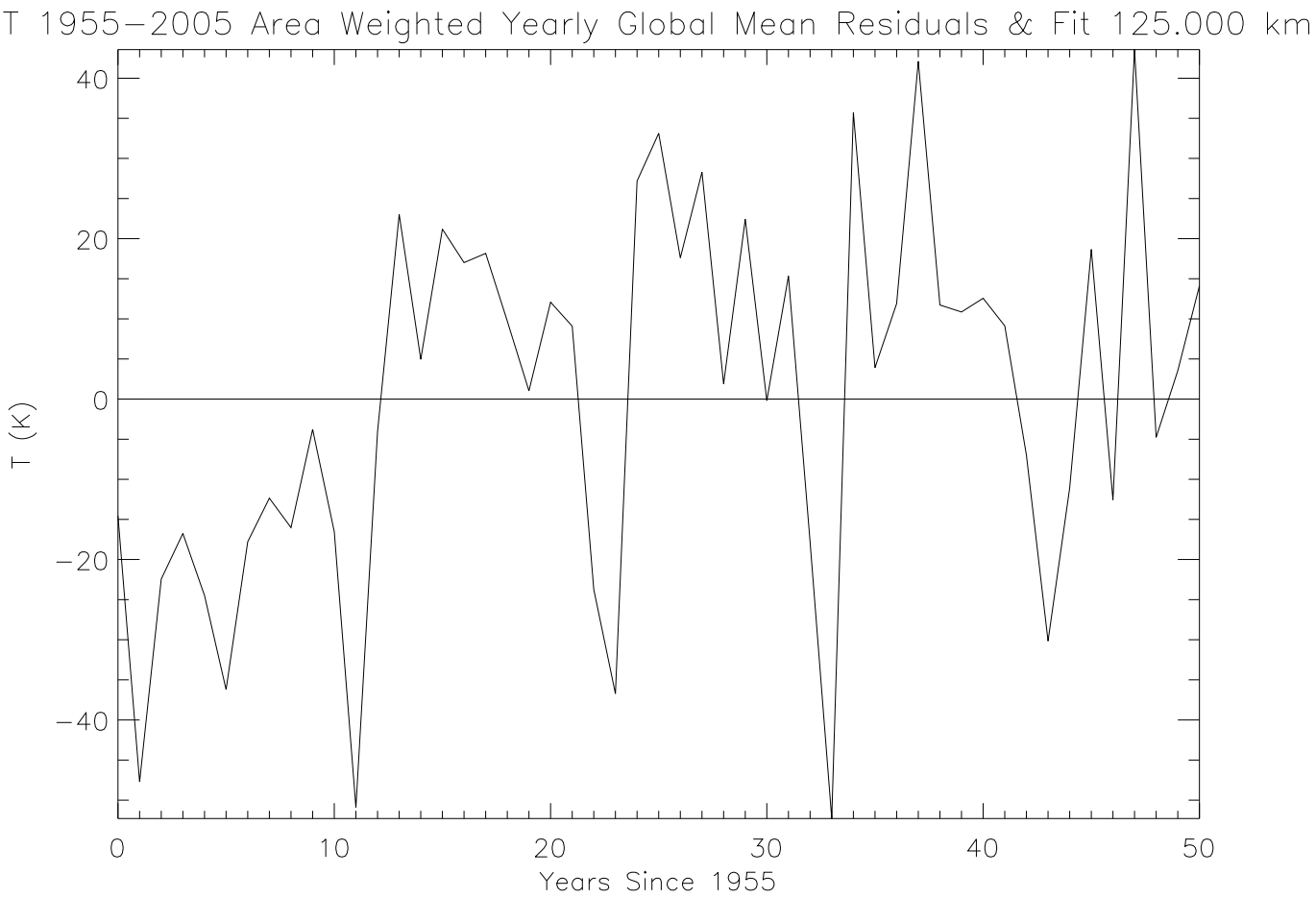

CO2 1970−2000 Area Weighted Yearly Global Mean Residuals & Fit 130.000 km
1×10⁻⁹
0
−1×10⁻⁹
−2×10⁻⁹
CO2 mol/mol
0
5
10
15
20
25
30
Years Since 1970

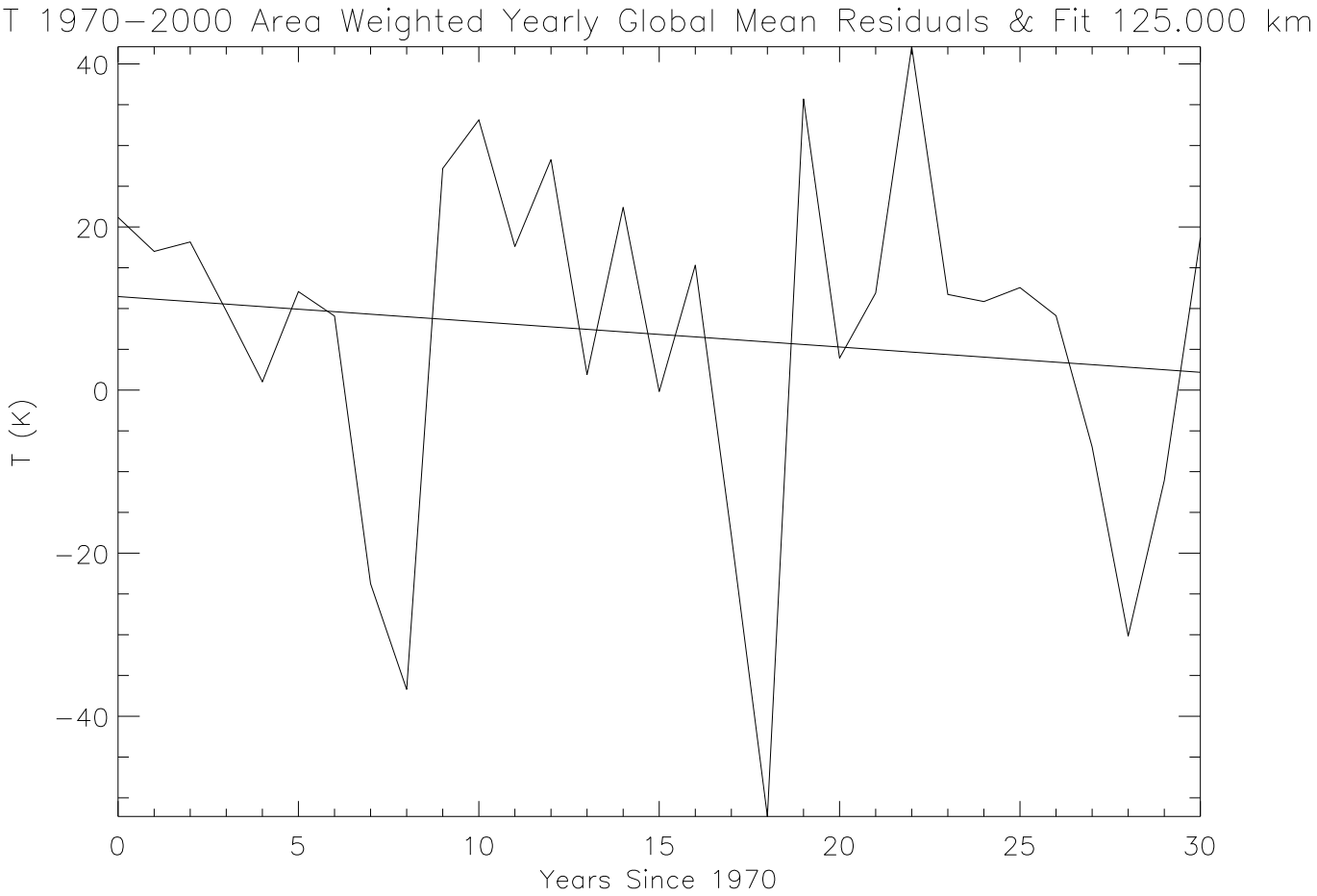

T 1955−2005 Area Weighted Yearly Global Mean Residuals & Fit 130.000 km
T (K)
40
20
0
−20
−40
0
10
20
30
40
50
Years Since 1955

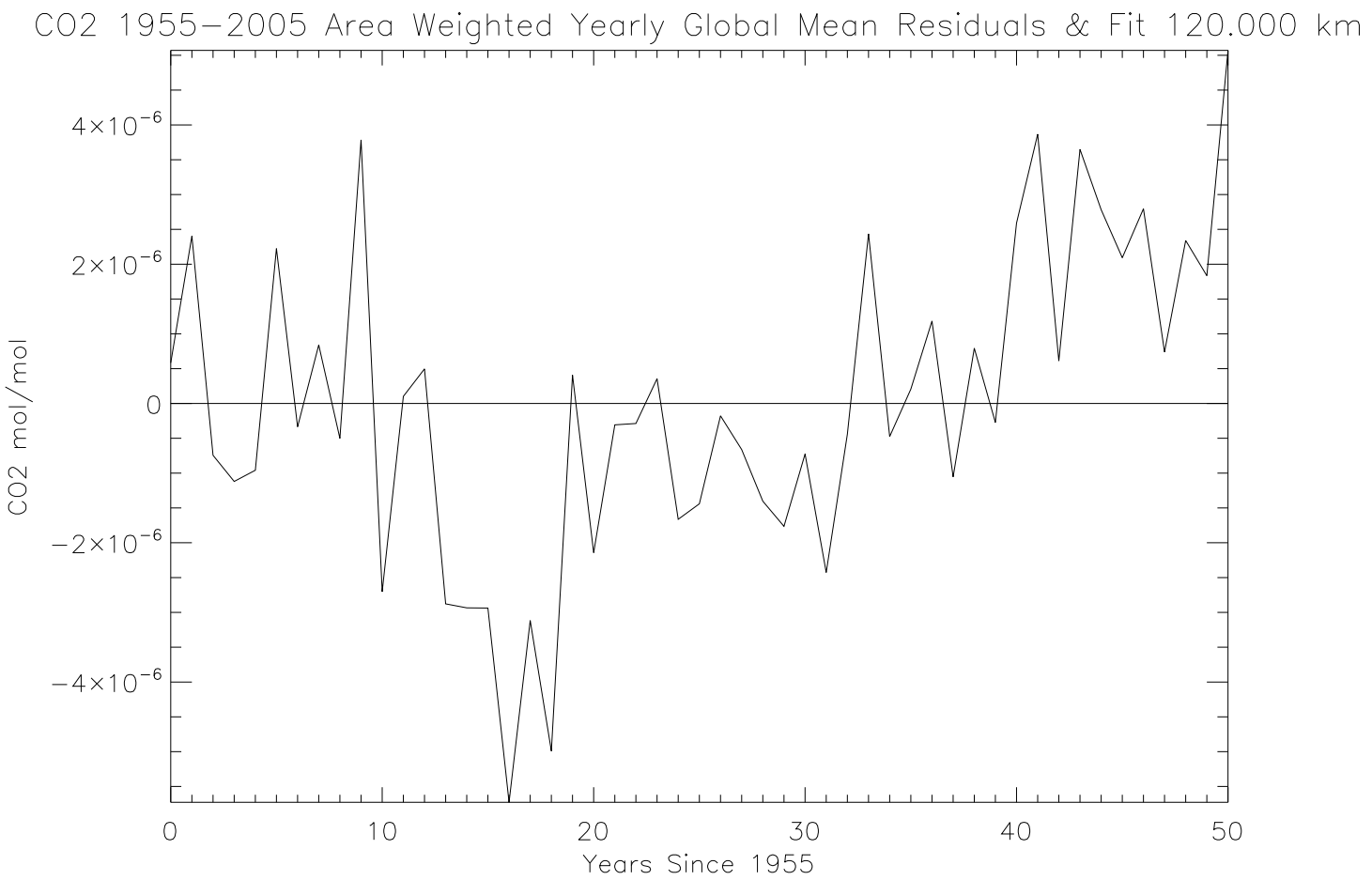

T 1970−2000 Area Weighted Yearly Global Mean Residuals & Fit 130.000 km
T (K)
40
20
0
−20
−40
0
5
10
15
20
25
30
Years Since 1970

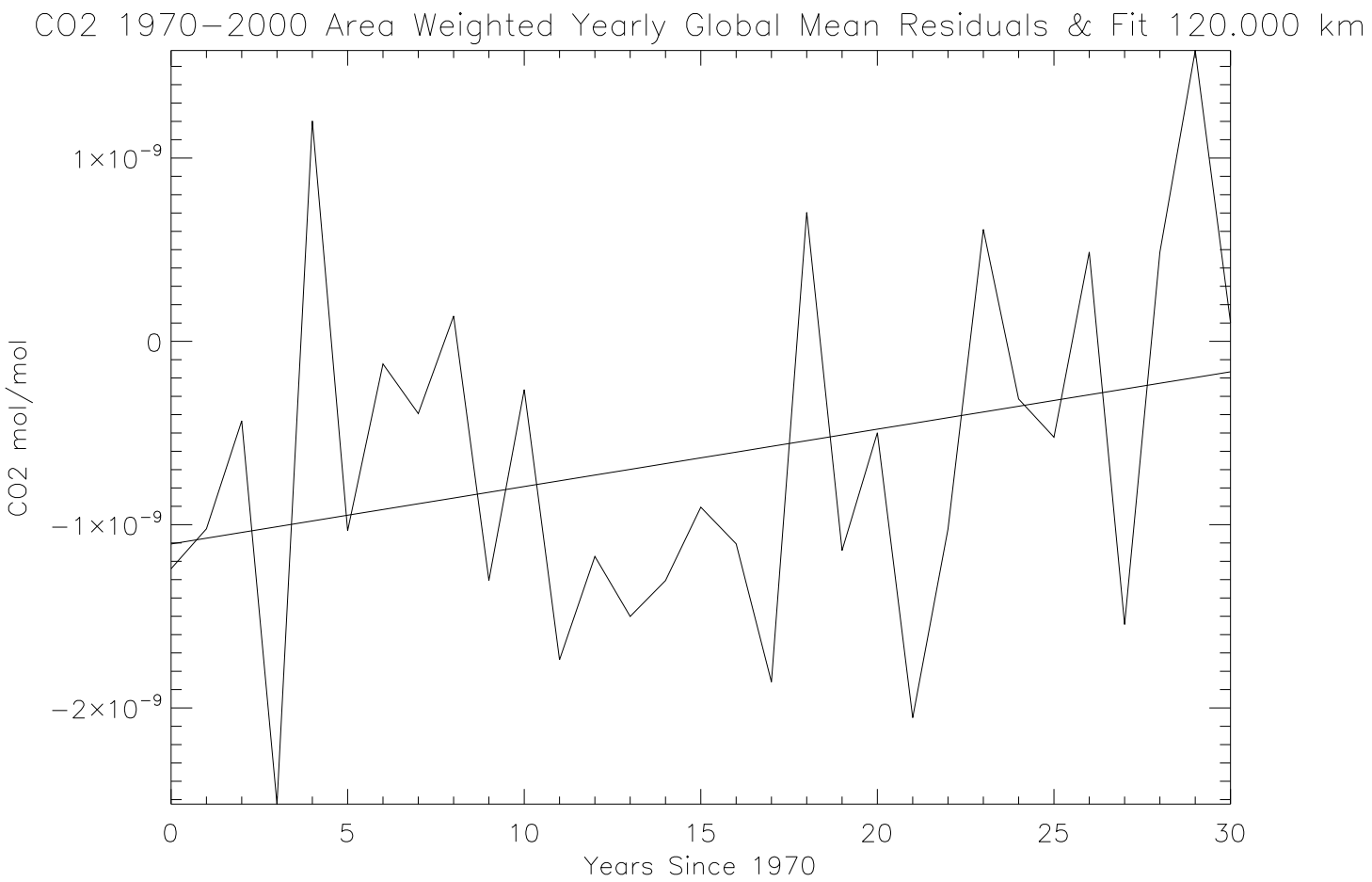

CO2 1955–2005 Area Weighted Yearly Global Mean Residuals & Fit 125.000 km
CO2 mol/mol
2×10⁻⁶
0
−2×10⁻⁶
−4×10⁻⁶
0
10
20
30
40
50
Years Since 1955

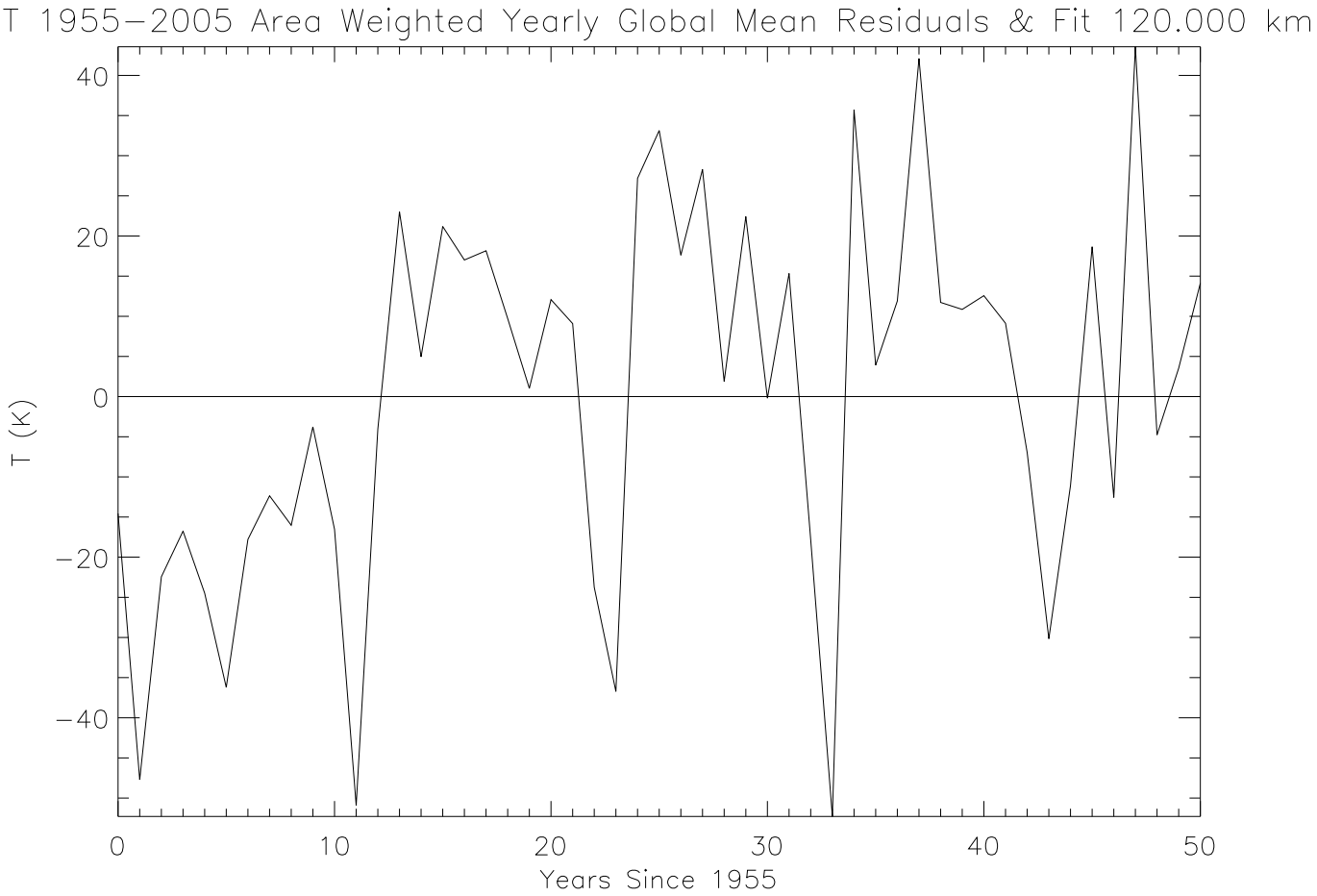

CO2 1970−2000 Area Weighted Yearly Global Mean Residuals & Fit 125.000 km
1×10⁻⁹
0
−1×10⁻⁹
−2×10⁻⁹
CO2 mol/mol
0
5
10
15
20
25
30
Years Since 1970

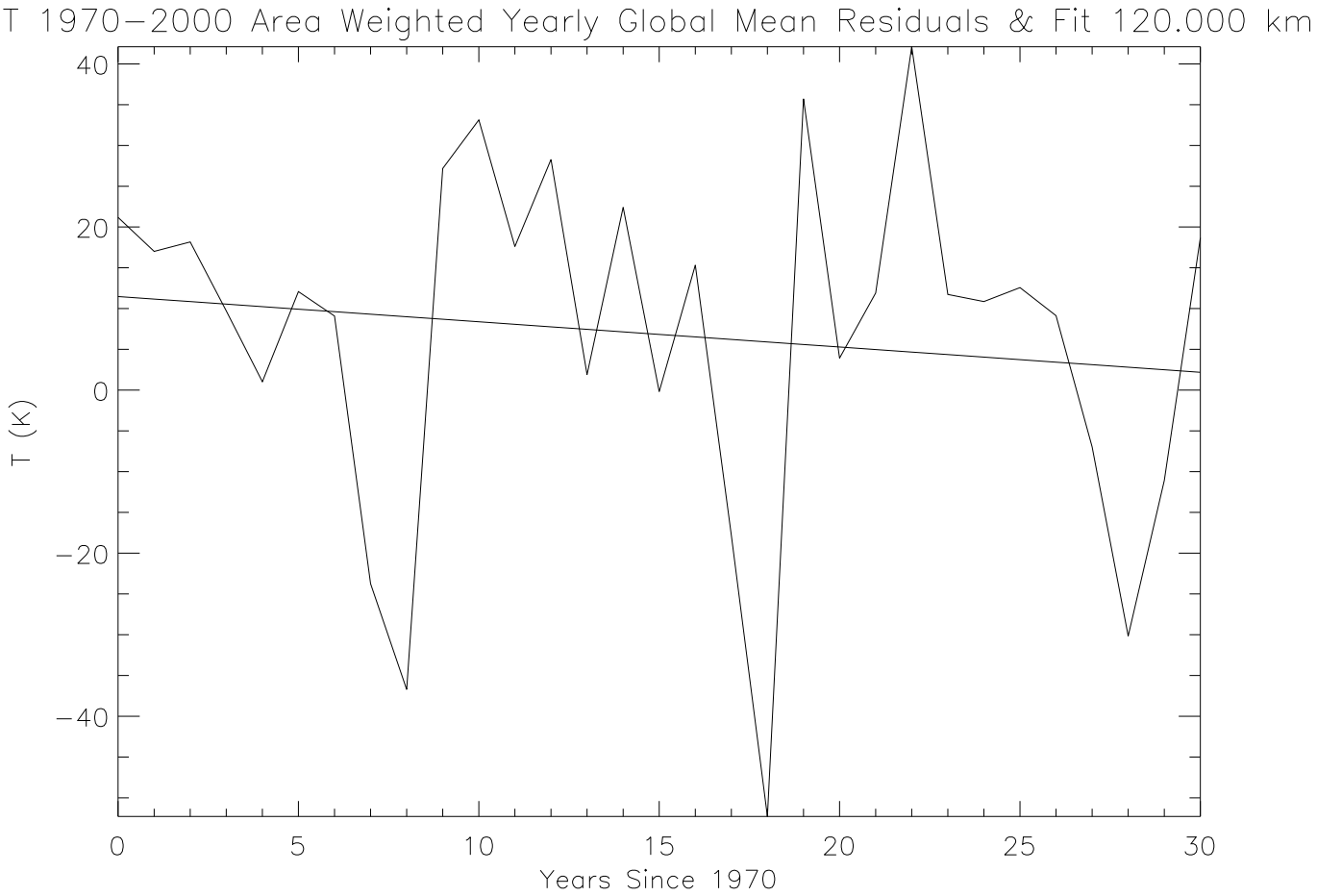

T 1955−2005 Area Weighted Yearly Global Mean Residuals & Fit 125.000 km
T (K)
40
20
0
−20
−40
0
10
20
30
40
50
Years Since 1955

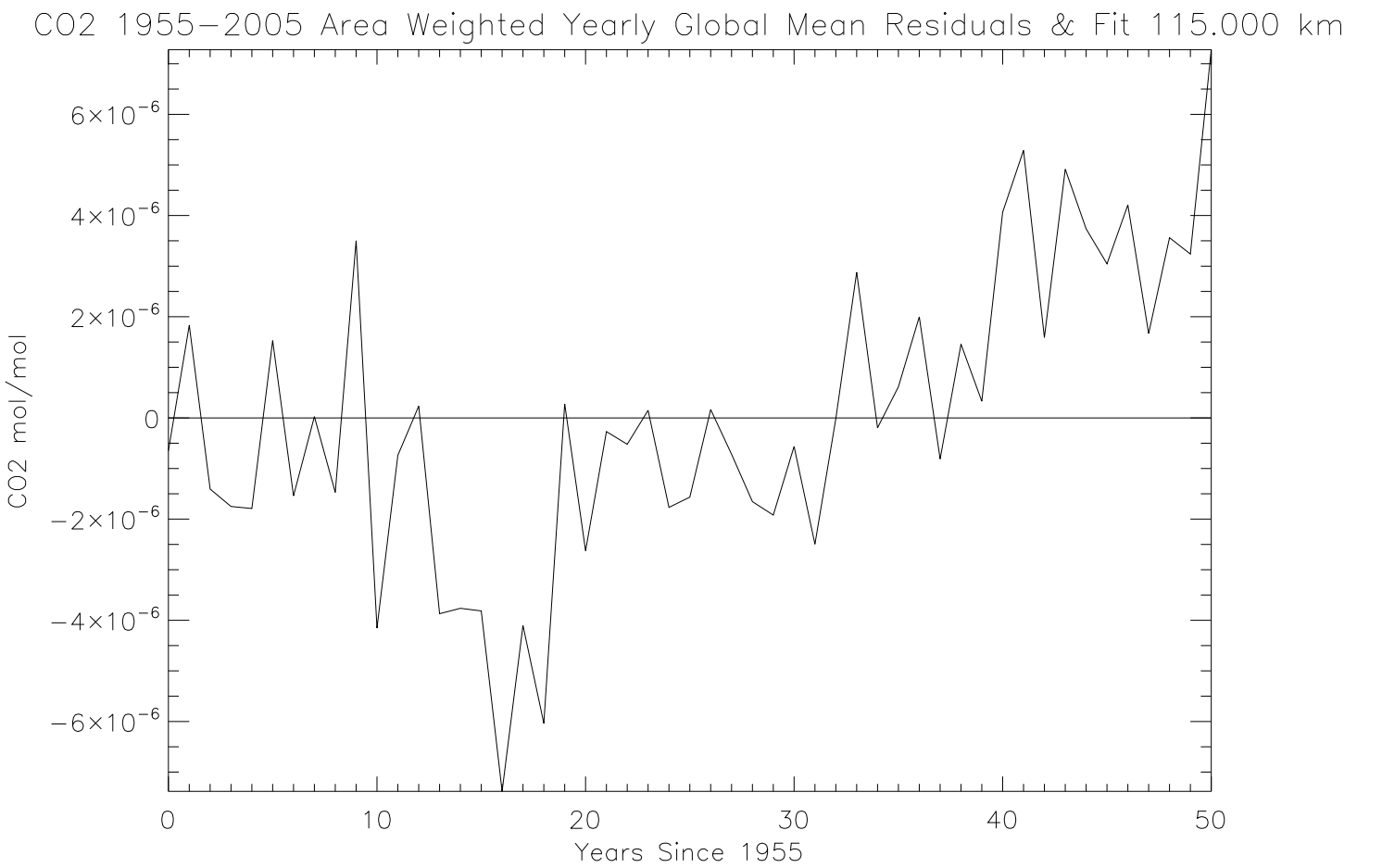

T 1970−2000 Area Weighted Yearly Global Mean Residuals & Fit 125.000 km
40
20
0
−20
−40
T (K)
0
5
10
15
20
25
30
Years Since 1970

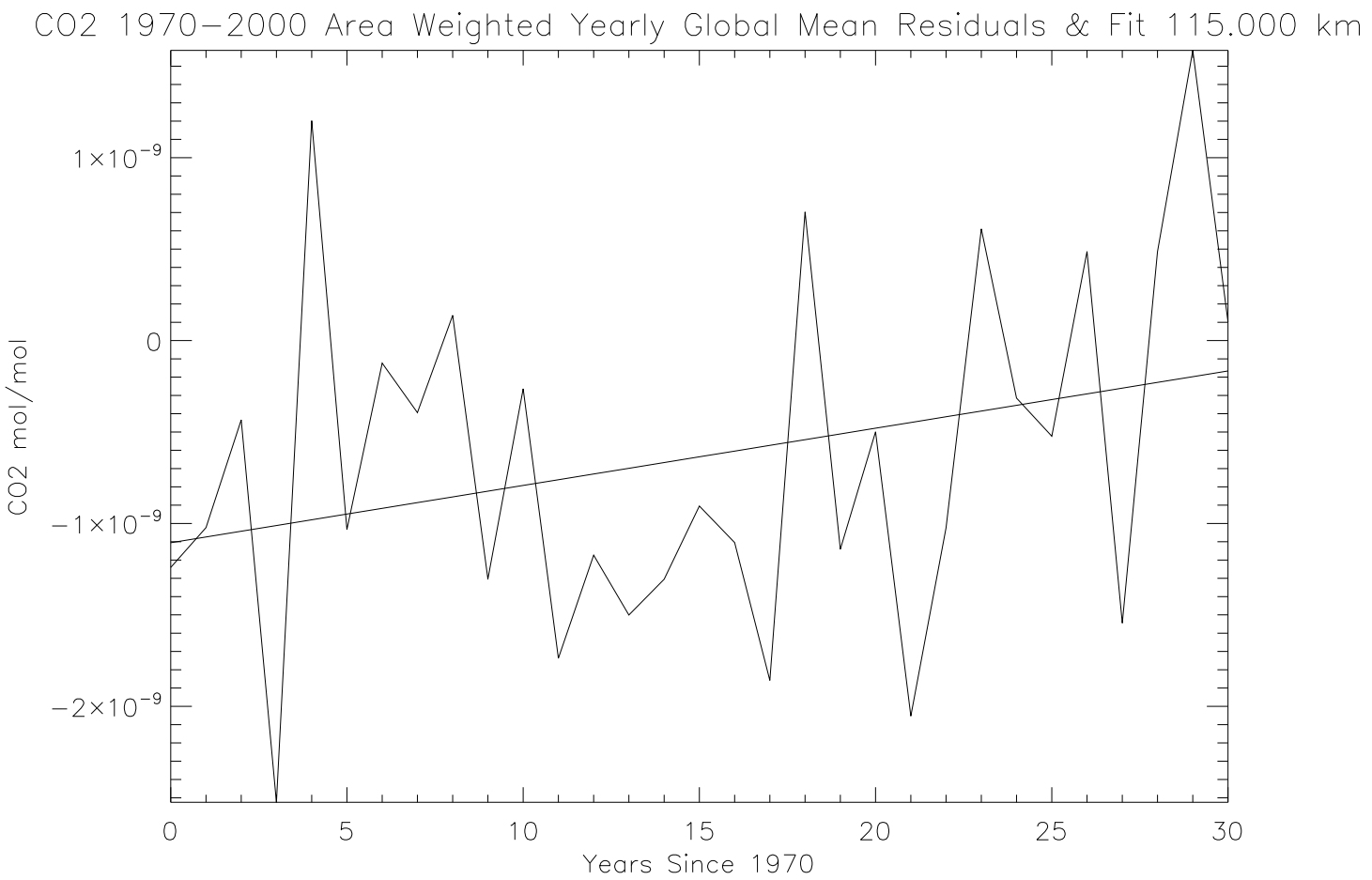

CO2 1955–2005 Area Weighted Yearly Global Mean Residuals & Fit 120.000 km
4×10⁻⁶
2×10⁻⁶
0
−2×10⁻⁶
−4×10⁻⁶
CO2 mol/mol
0
10
20
30
40
50
Years Since 1955

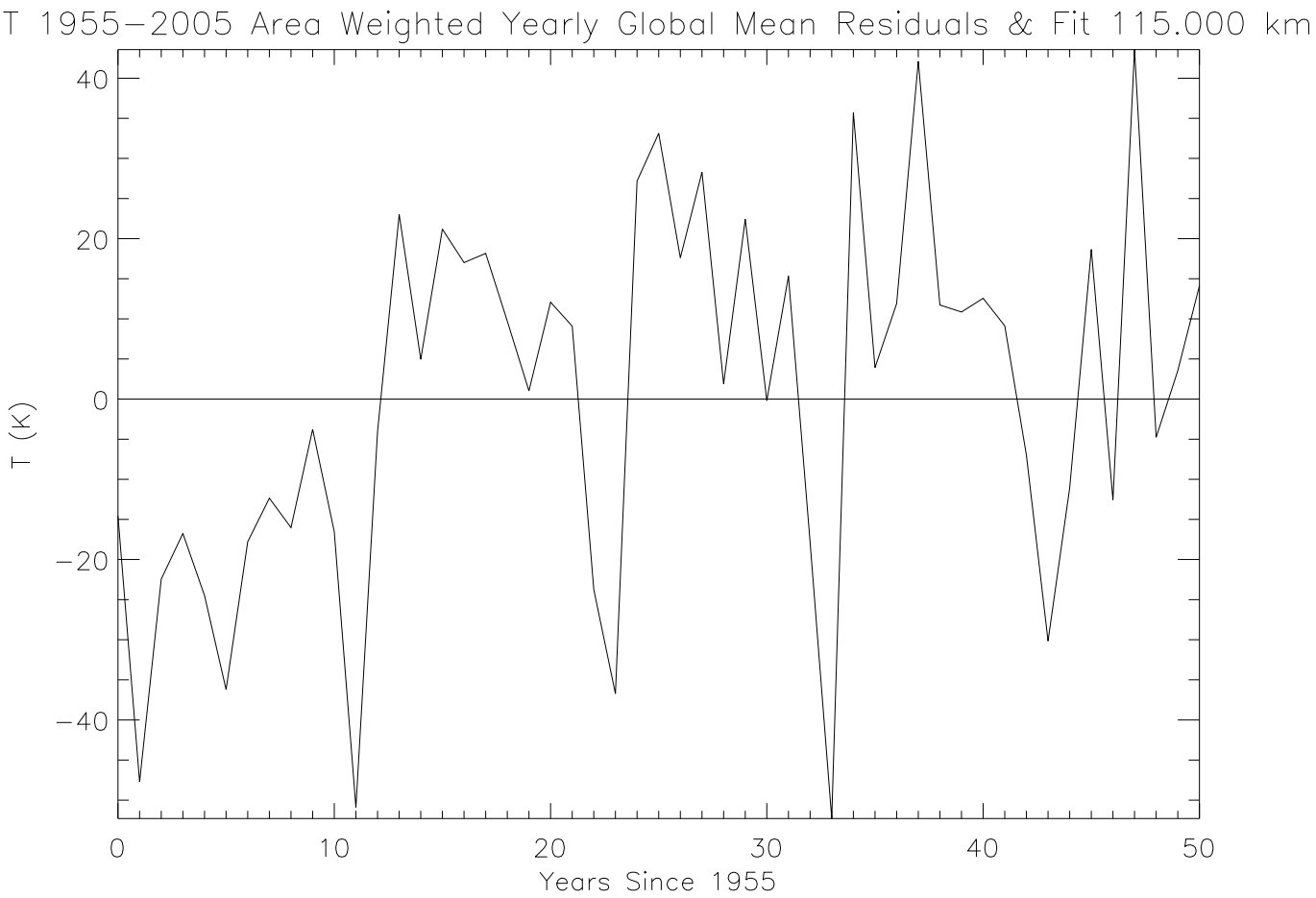

CO2 1970−2000 Area Weighted Yearly Global Mean Residuals & Fit 120.000 km
1×10⁻⁹
0
−1×10⁻⁹
−2×10⁻⁹
CO2 mol/mol
0
5
10
15
20
25
30
Years Since 1970

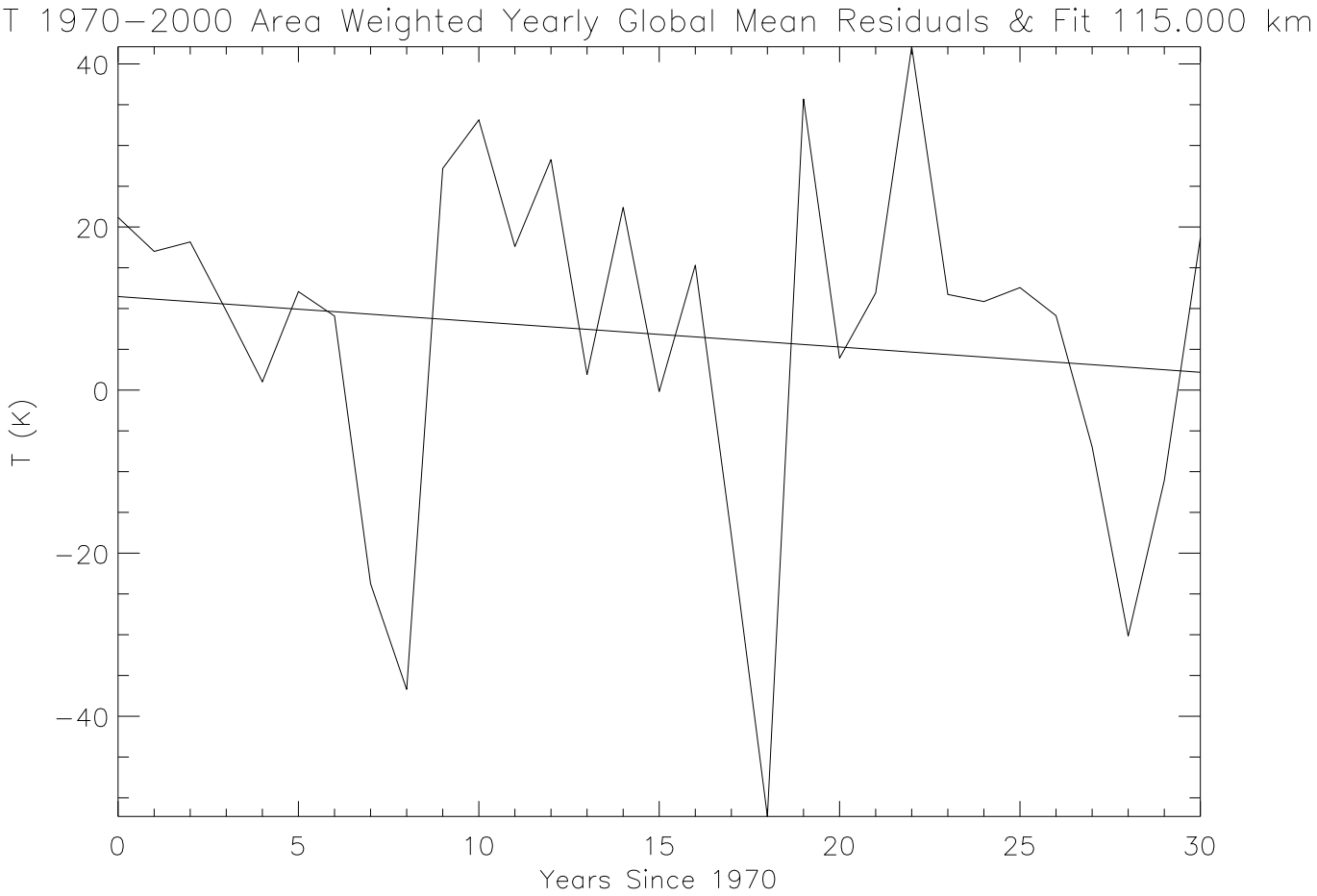

T 1955−2005 Area Weighted Yearly Global Mean Residuals & Fit 120.000 km
T (K)
40
20
0
−20
−40
0
10
20
30
40
50
Years Since 1955

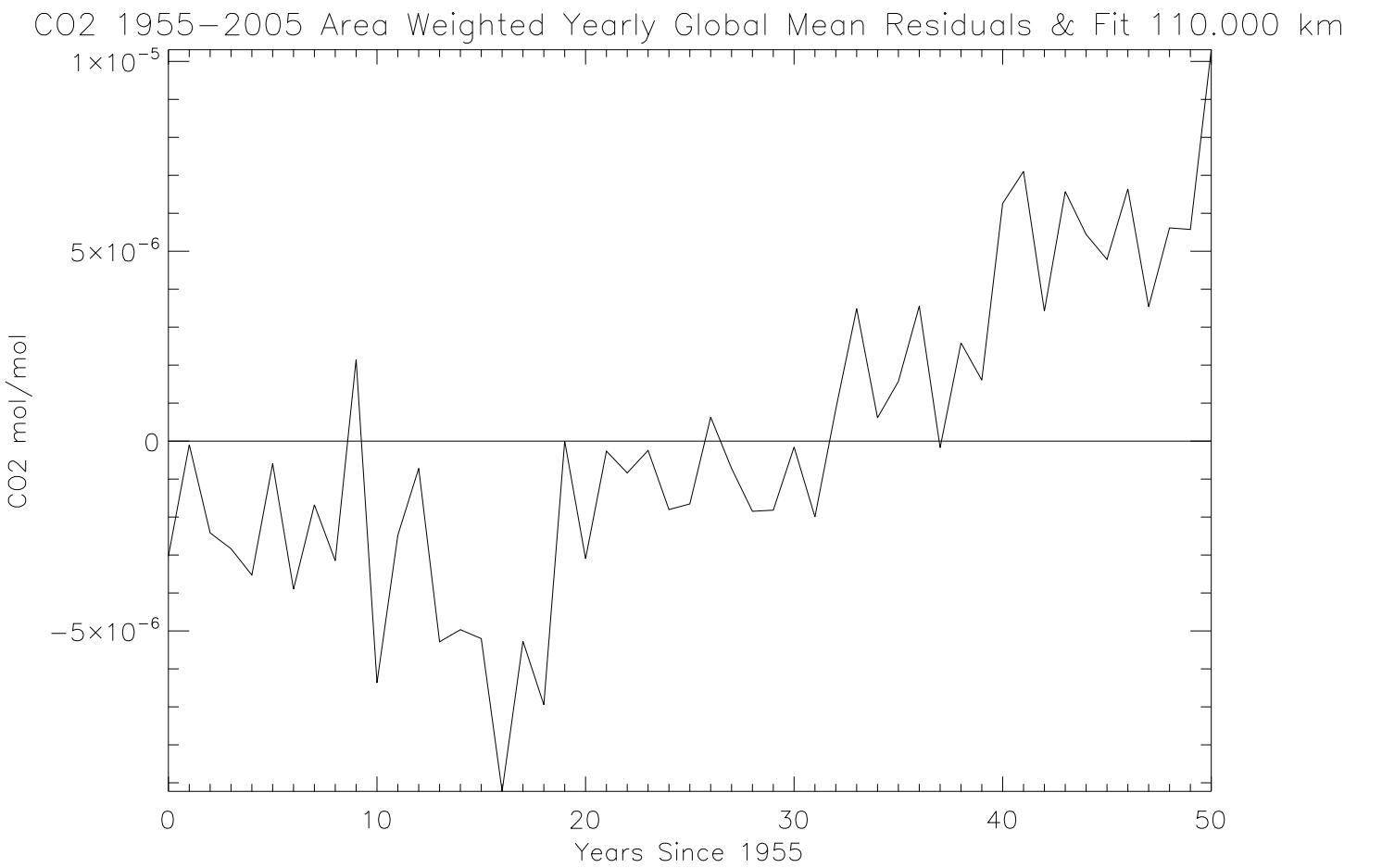

T 1970−2000 Area Weighted Yearly Global Mean Residuals & Fit 120.000 km
40
20
0
−20
−40
T (K)
0
5
10
15
20
25
30
Years Since 1970

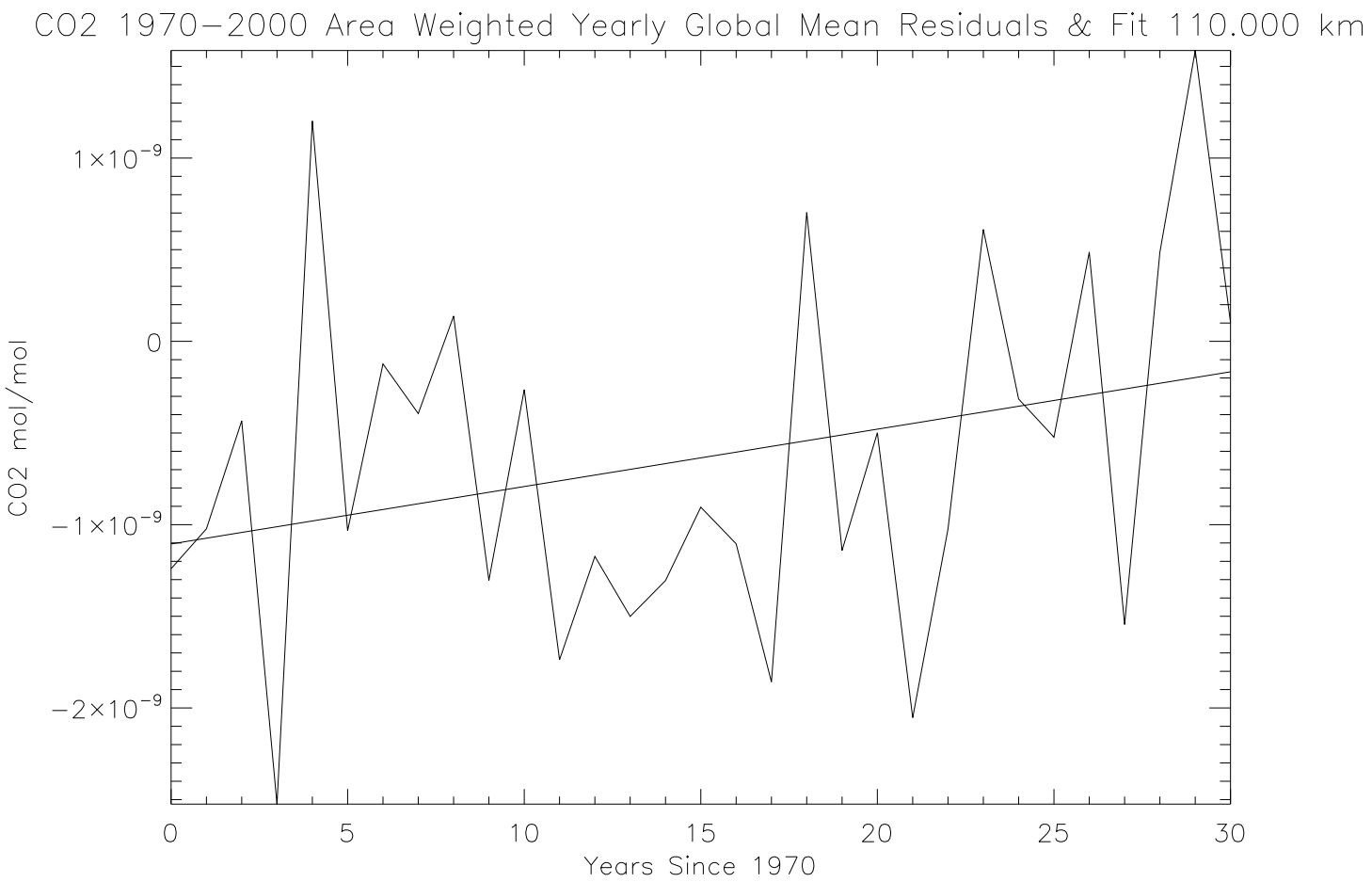

CO2 1955–2005 Area Weighted Yearly Global Mean Residuals & Fit 115.000 km
6×10⁻⁶
4×10⁻⁶
2×10⁻⁶
0
−2×10⁻⁶
−4×10⁻⁶
−6×10⁻⁶
CO2 mol/mol
0
10
20
30
40
50
Years Since 1955

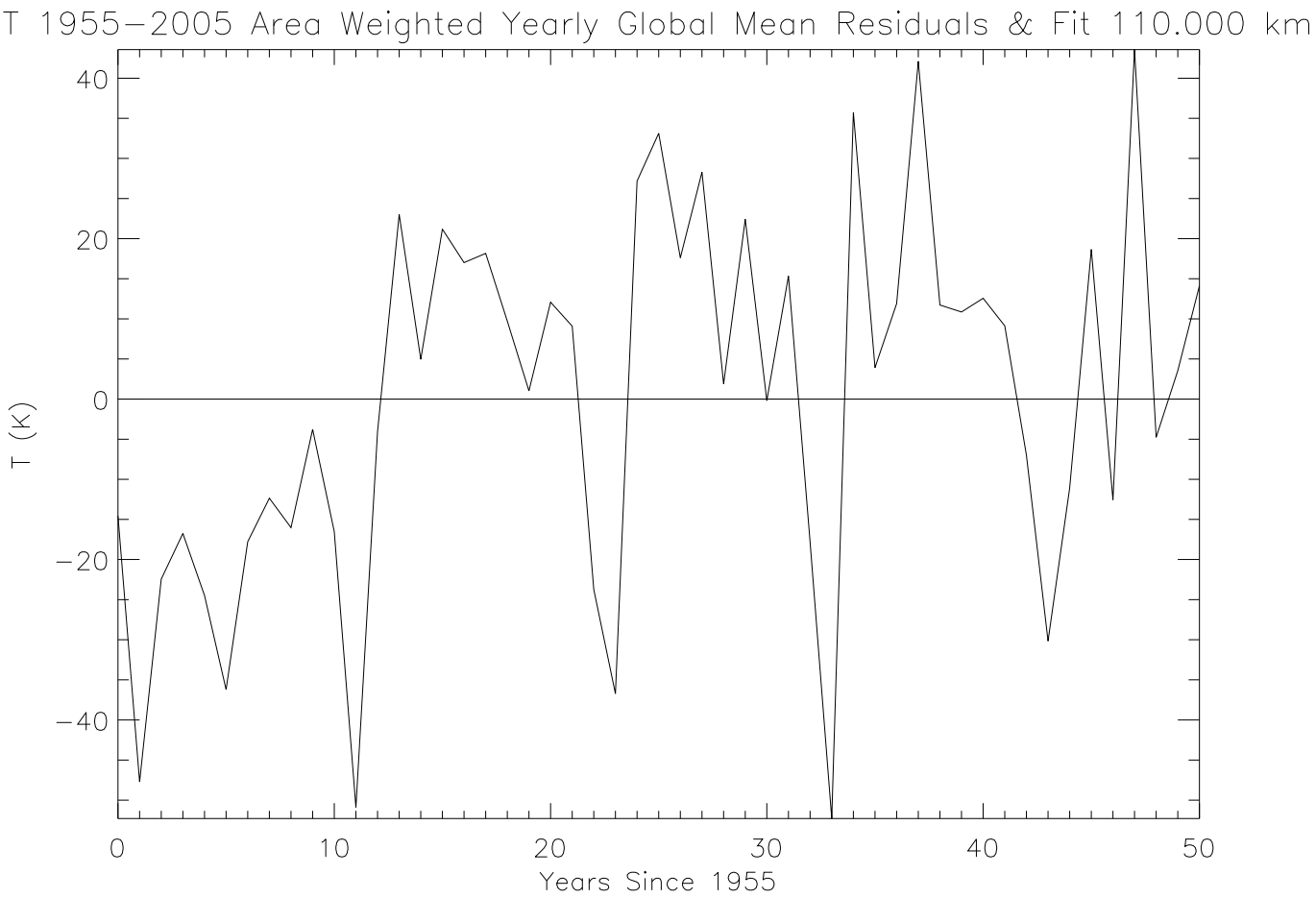

CO2 1970−2000 Area Weighted Yearly Global Mean Residuals & Fit 115.000 km
1×10⁻⁹
0
−1×10⁻⁹
−2×10⁻⁹
CO2 mol/mol
0
5
10
15
20
25
30
Years Since 1970

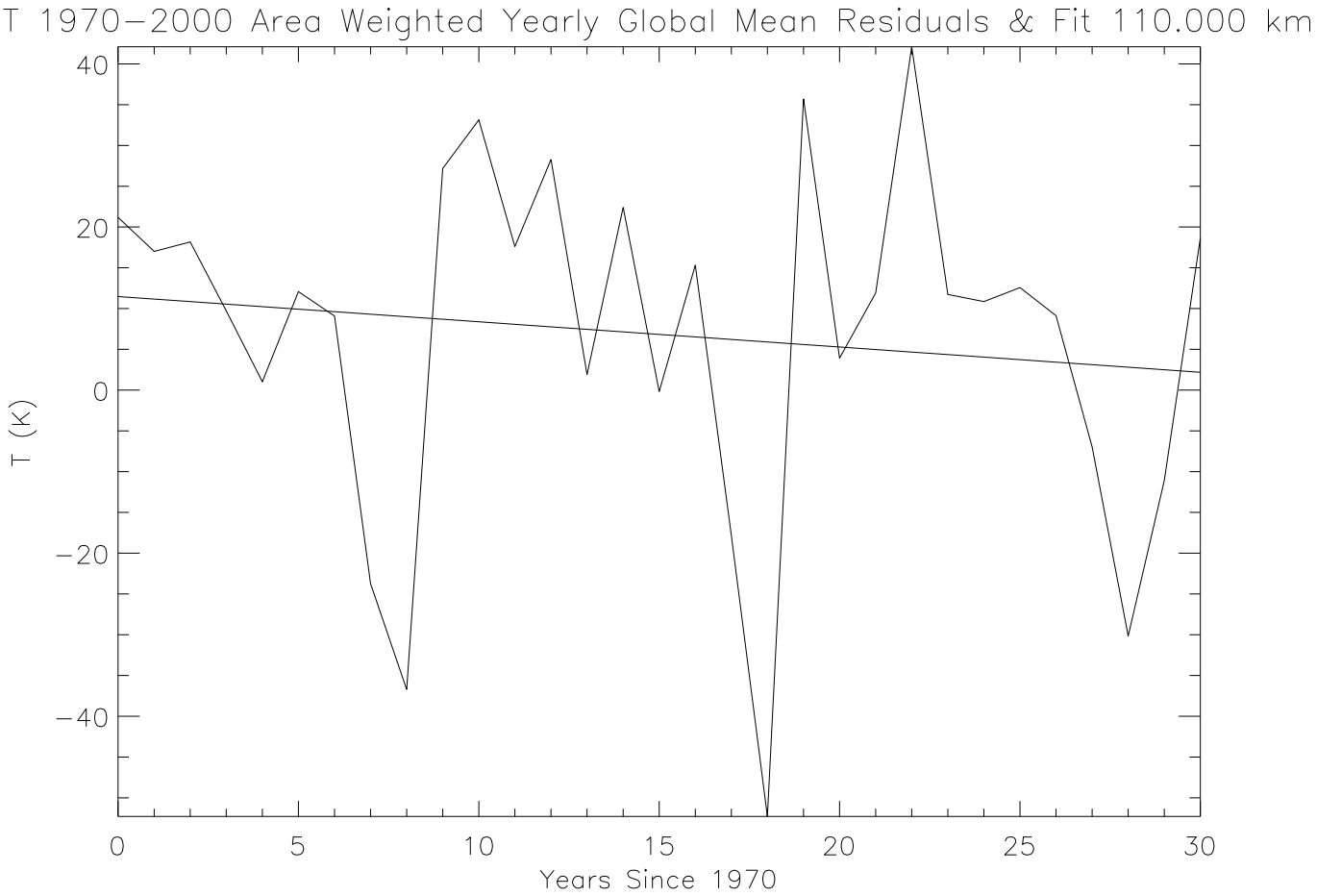

T 1955−2005 Area Weighted Yearly Global Mean Residuals & Fit 115.000 km
T (K)
40
20
0
−20
−40
0
10
20
30
40
50
Years Since 1955

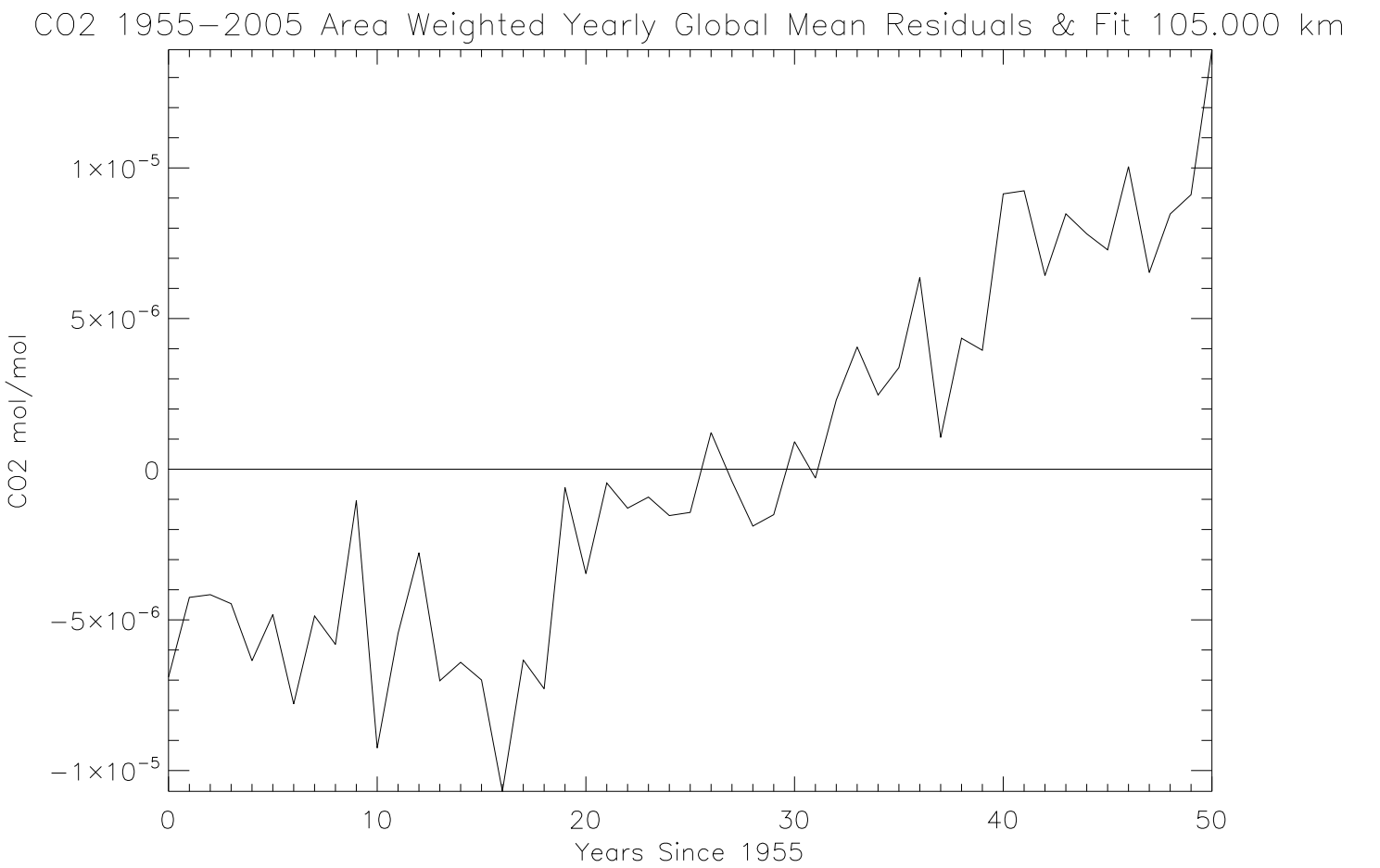

T 1970−2000 Area Weighted Yearly Global Mean Residuals & Fit 115.000 km
T (K)
40
20
0
−20
−40
0
5
10
15
20
25
30
Years Since 1970

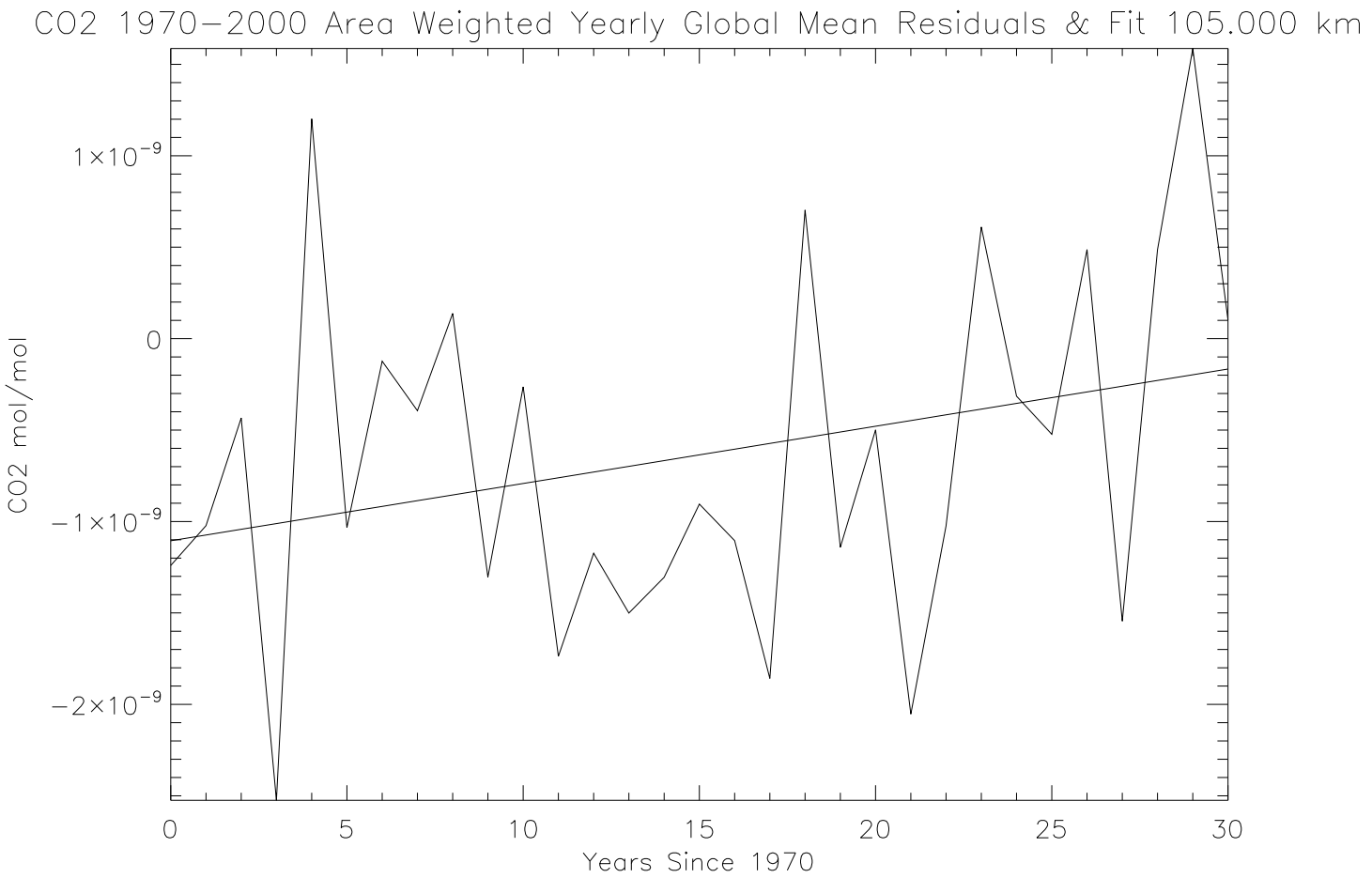

CO2 1955–2005 Area Weighted Yearly Global Mean Residuals & Fit 110.000 km
1×10^-5
5×10^-6
0
−5×10^-6
CO2 mol/mol
0
10
20
30
40
50
Years Since 1955

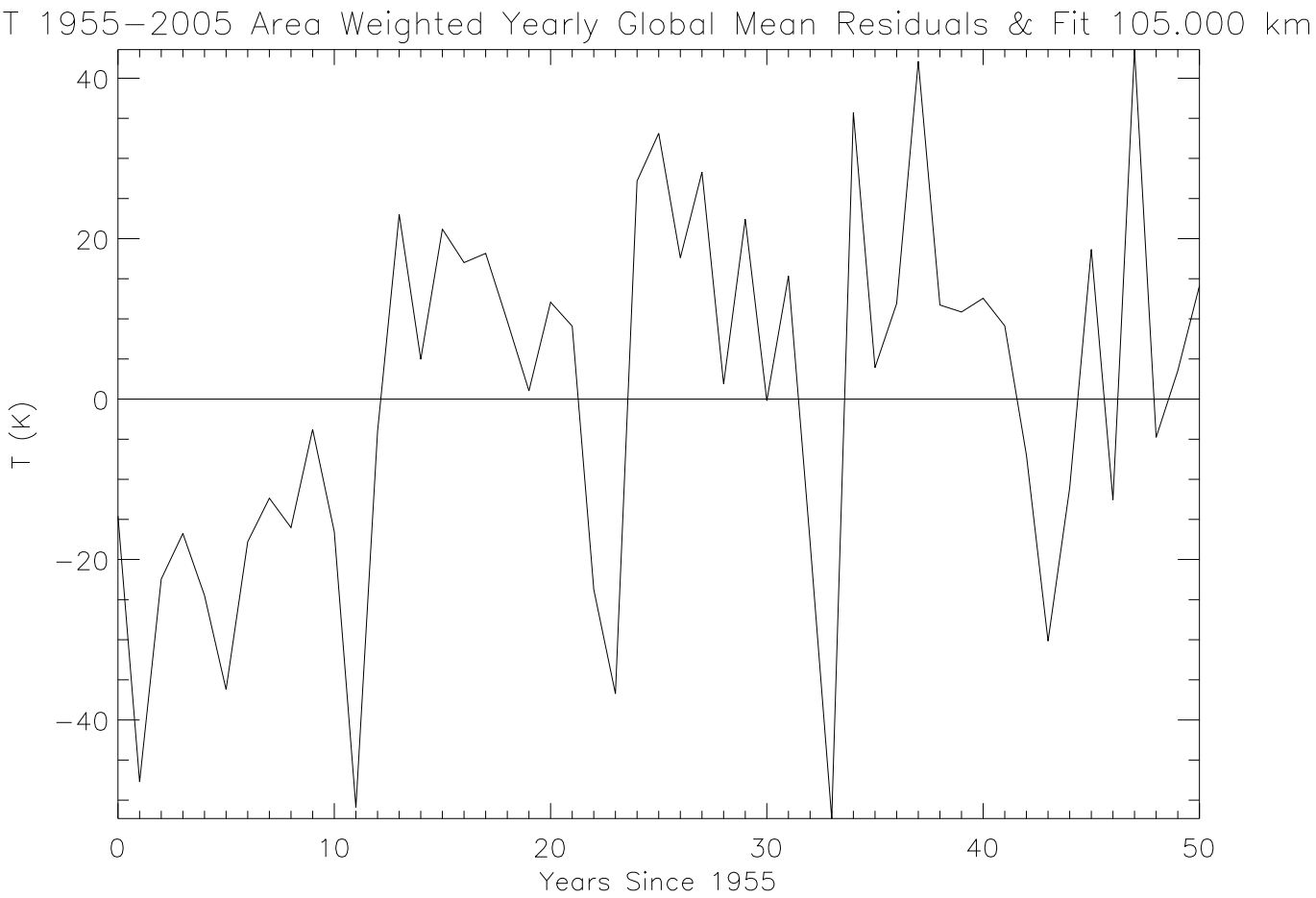

CO2 1970−2000 Area Weighted Yearly Global Mean Residuals & Fit 110.000 km
1×10⁻⁹
0
−1×10⁻⁹
−2×10⁻⁹
CO2 mol/mol
0
5
10
15
20
25
30
Years Since 1970

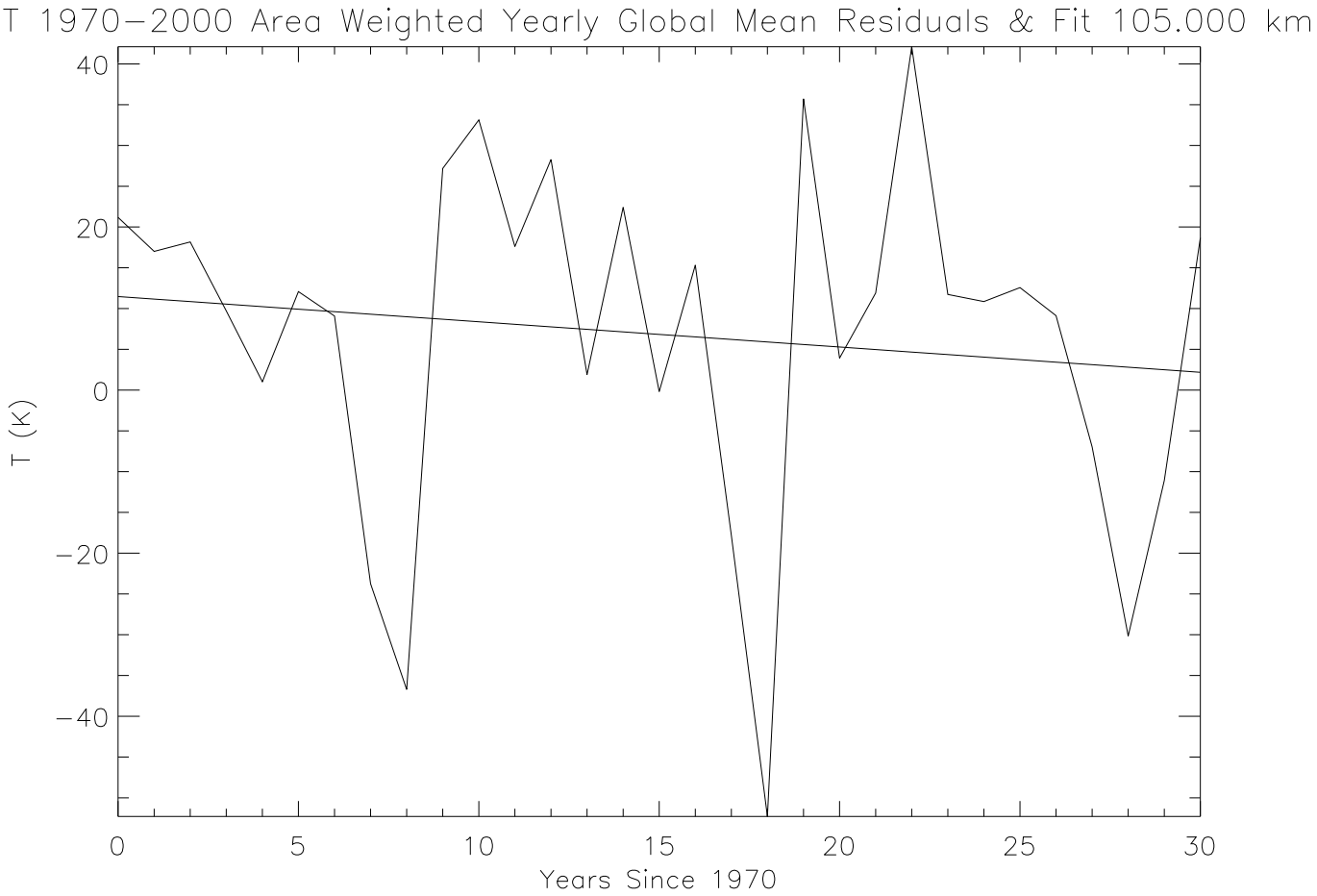

T 1955−2005 Area Weighted Yearly Global Mean Residuals & Fit 110.000 km
40
20
0
−20
−40
T (K)
0
10
20
30
40
50
Years Since 1955

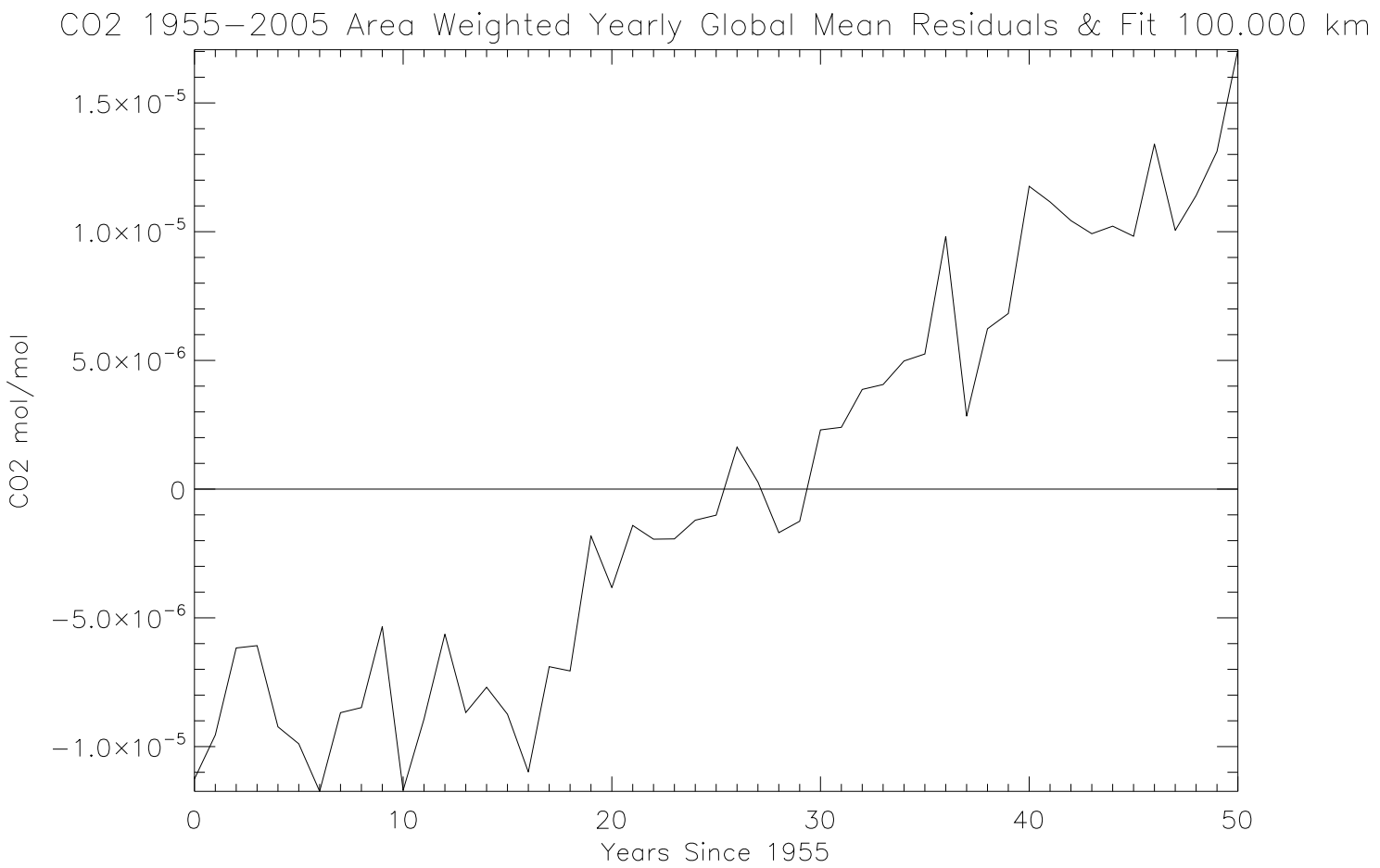

T 1970−2000 Area Weighted Yearly Global Mean Residuals & Fit 110.000 km
T (K)
40
20
0
−20
−40
0
5
10
15
20
25
30
Years Since 1970

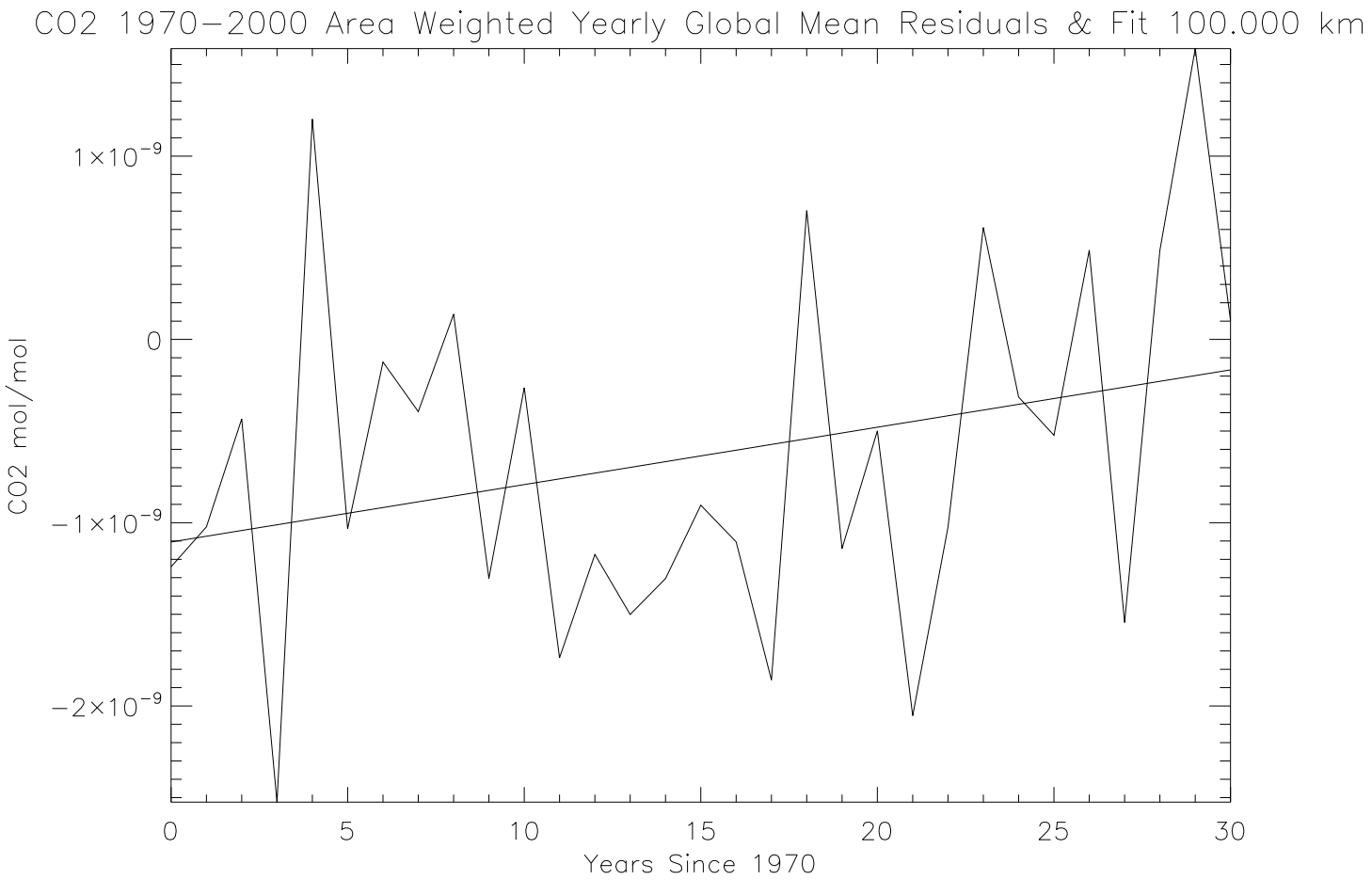

CO2 1955–2005 Area Weighted Yearly Global Mean Residuals & Fit 105.000 km
1×10^-5
5×10^-6
0
−5×10^-6
−1×10^-5
CO2 mol/mol
0
10
20
30
40
50
Years Since 1955

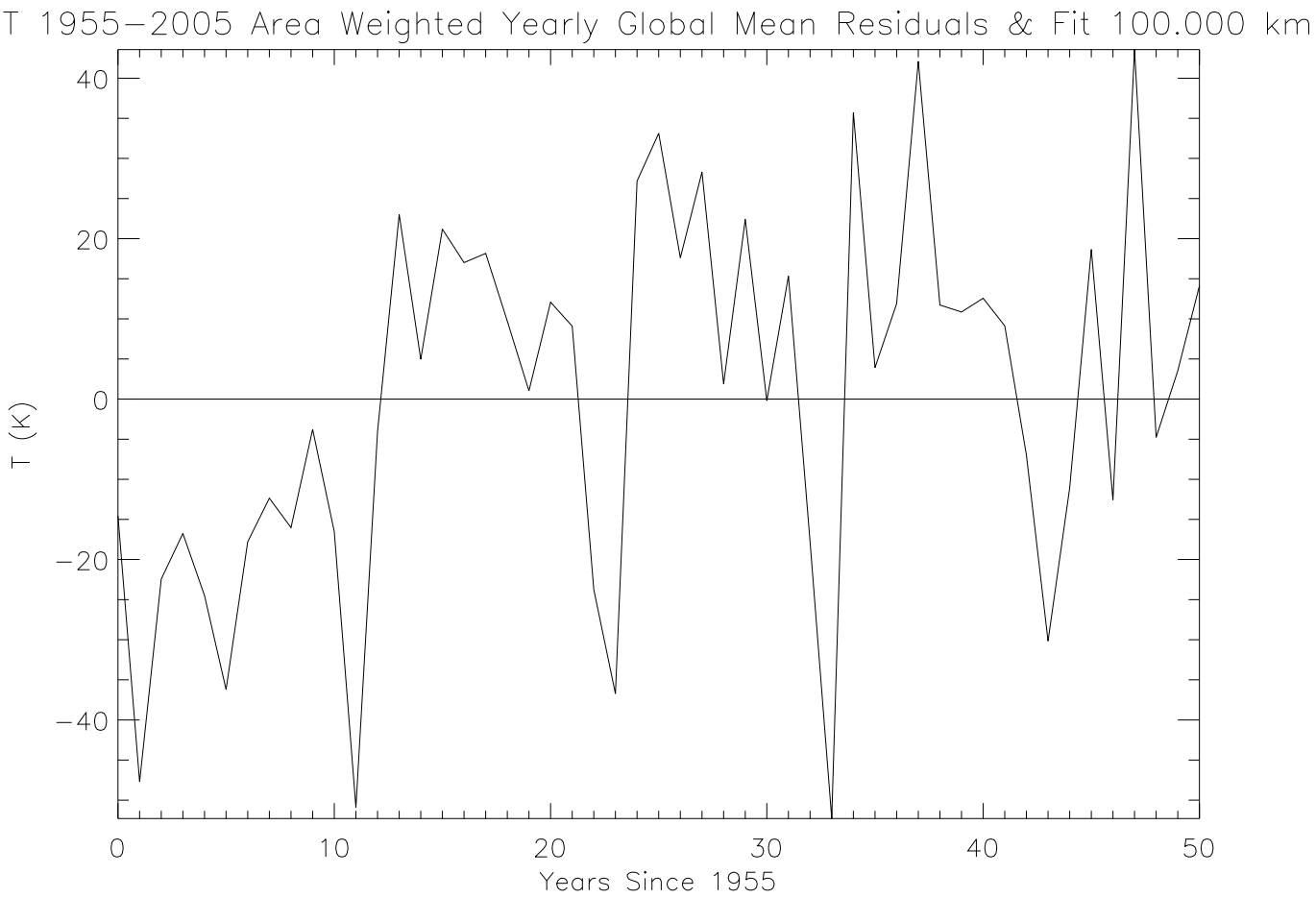

CO2 1970−2000 Area Weighted Yearly Global Mean Residuals & Fit 105.000 km
1×10⁻⁹
0
−1×10⁻⁹
−2×10⁻⁹
CO2 mol/mol
0
5
10
15
20
25
30
Years Since 1970

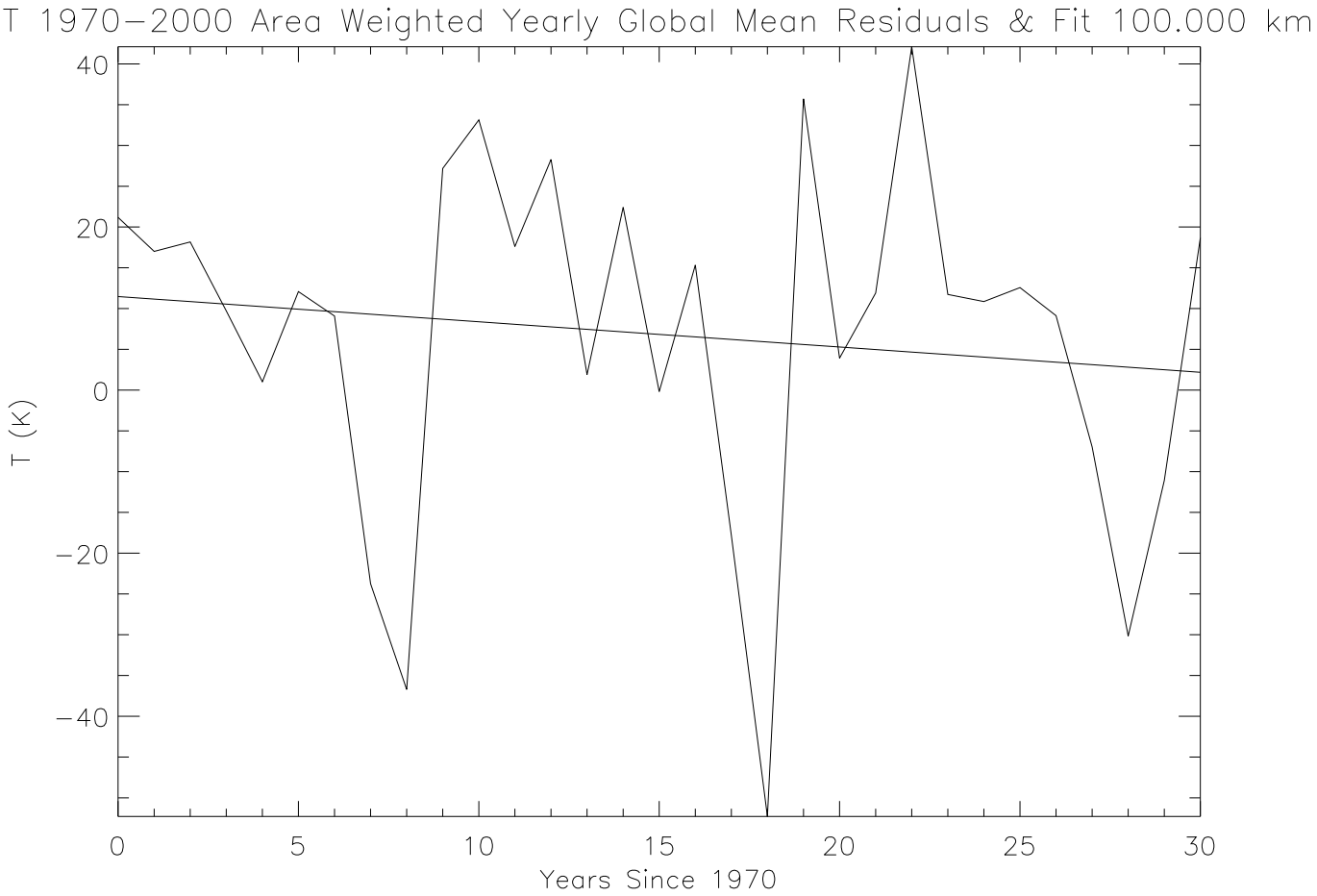

T 1955−2005 Area Weighted Yearly Global Mean Residuals & Fit 105.000 km
T (K)
40
20
0
−20
−40
0
10
20
30
40
50
Years Since 1955

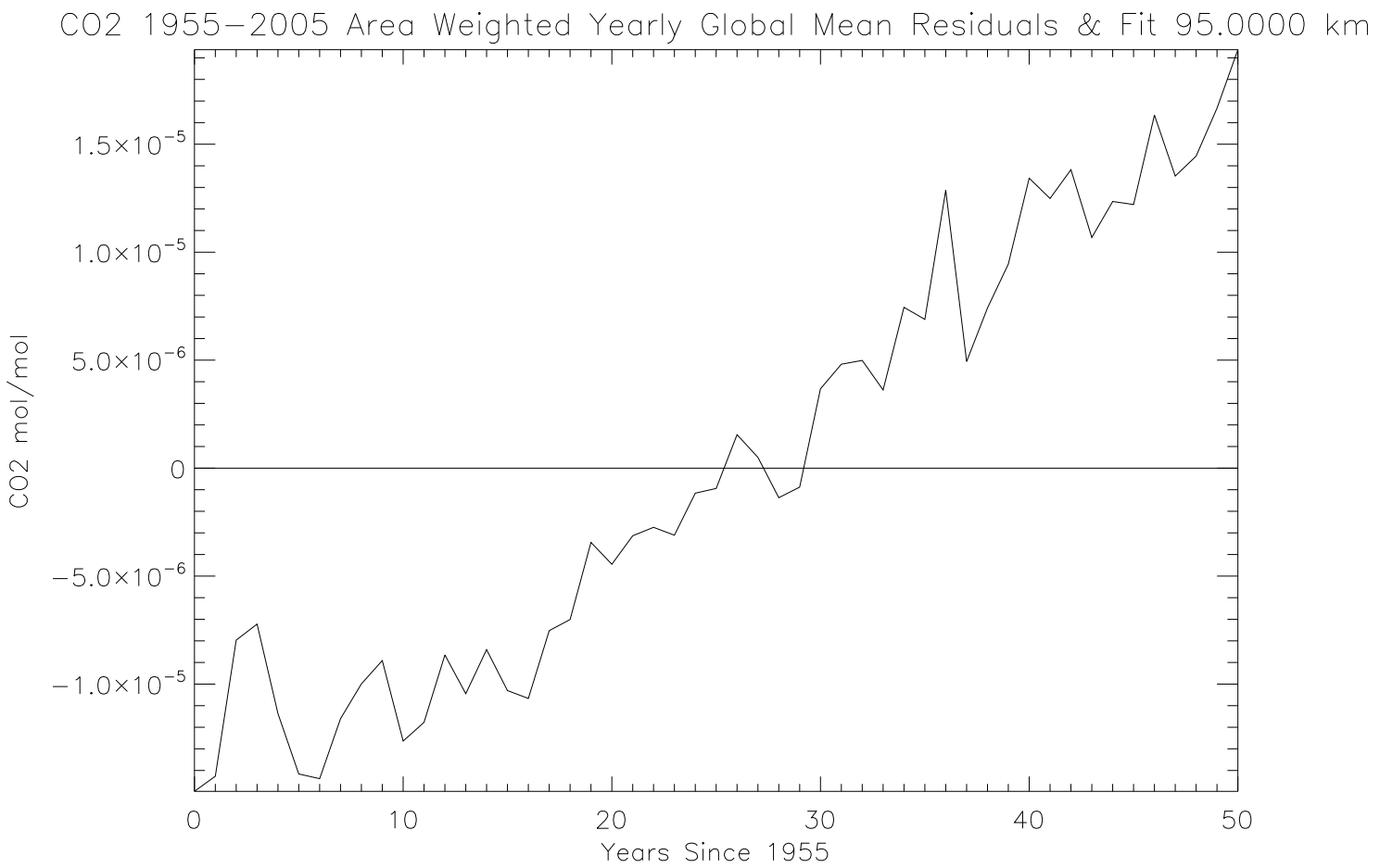

T 1970−2000 Area Weighted Yearly Global Mean Residuals & Fit 105.000 km
T (K)
40
20
0
−20
−40
0
5
10
15
20
25
30
Years Since 1970

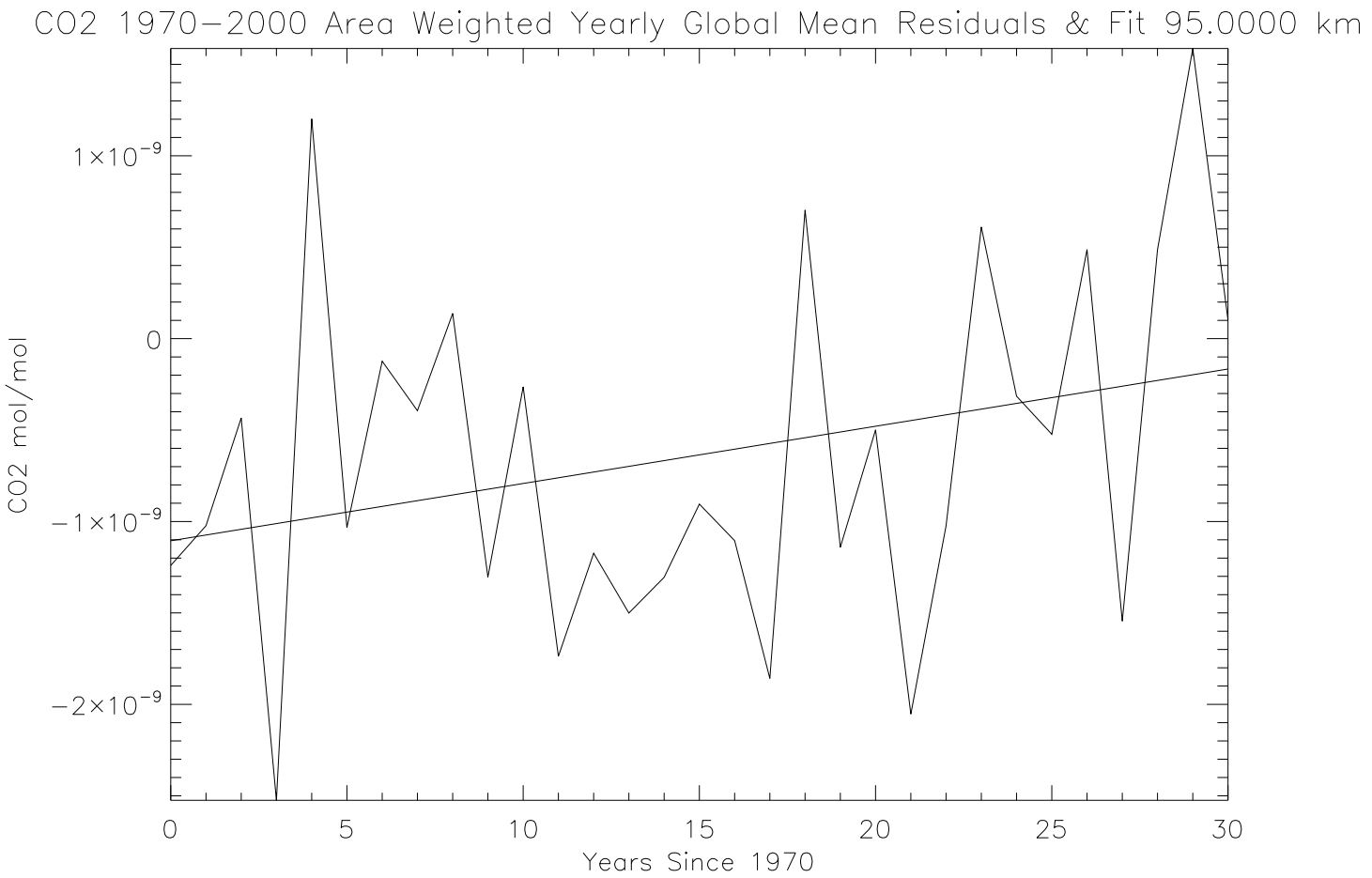

CO2 1955–2005 Area Weighted Yearly Global Mean Residuals & Fit 100.000 km
1.5×10−5
1.0×10−5
5.0×10−6
0
−5.0×10−6
−1.0×10−5
CO2 mol/mol
0
10
20
30
40
50
Years Since 1955

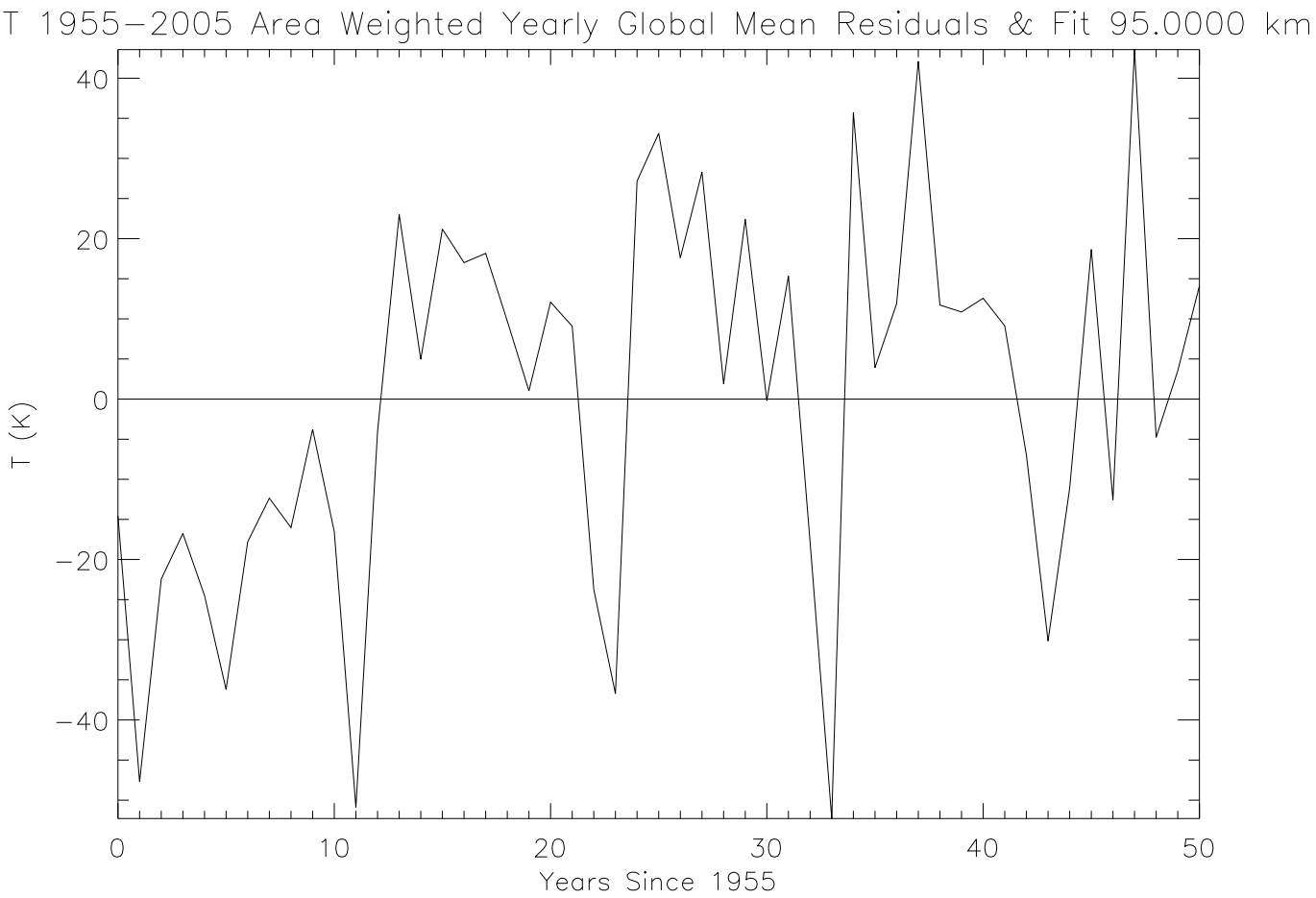

CO2 1970−2000 Area Weighted Yearly Global Mean Residuals & Fit 100.000 km
1×10⁻⁹
0
−1×10⁻⁹
−2×10⁻⁹
CO2 mol/mol
0
5
10
15
20
25
30
Years Since 1970

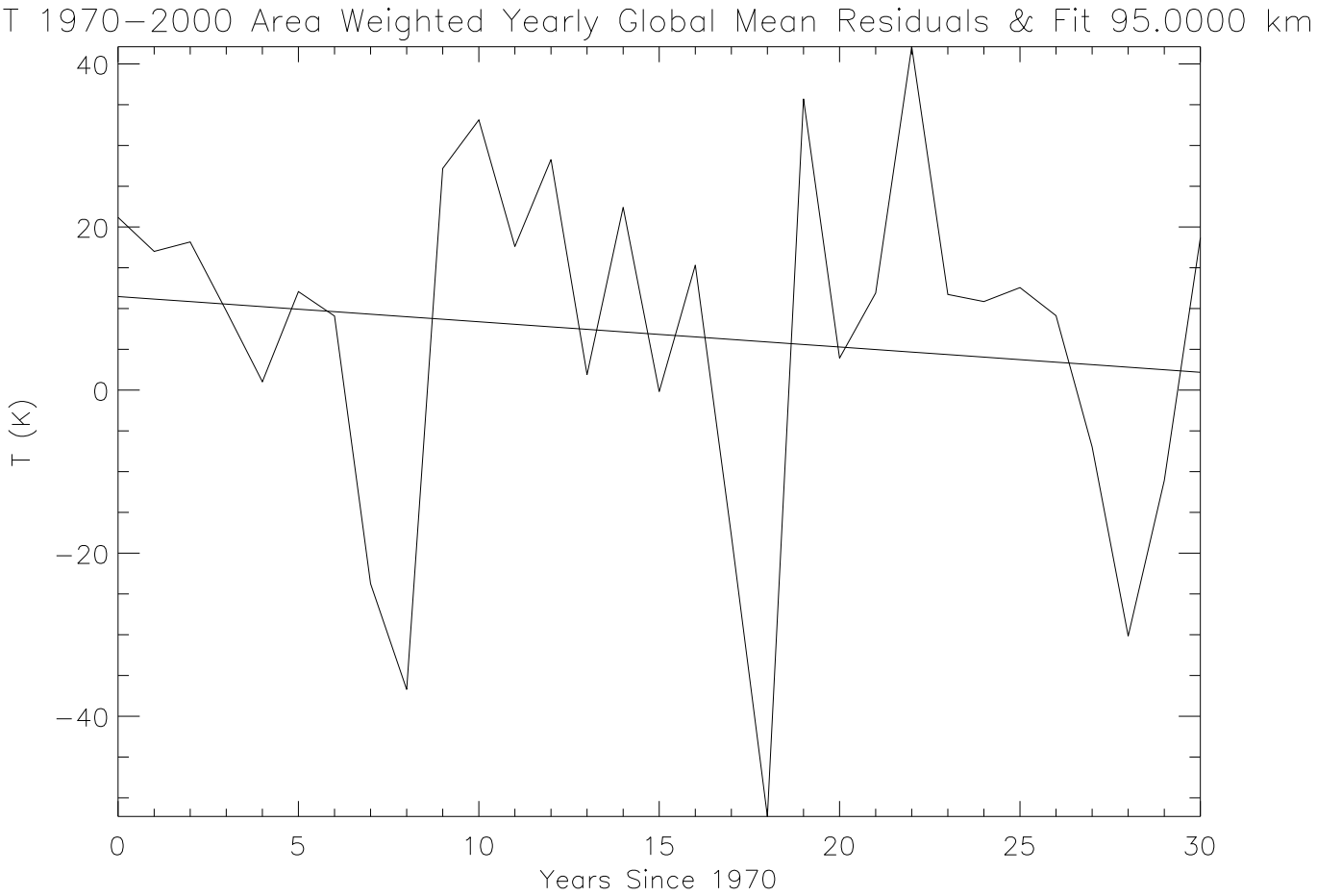

T 1955−2005 Area Weighted Yearly Global Mean Residuals & Fit 100.000 km
T (K)
40
20
0
−20
−40
0
10
20
30
40
50
Years Since 1955

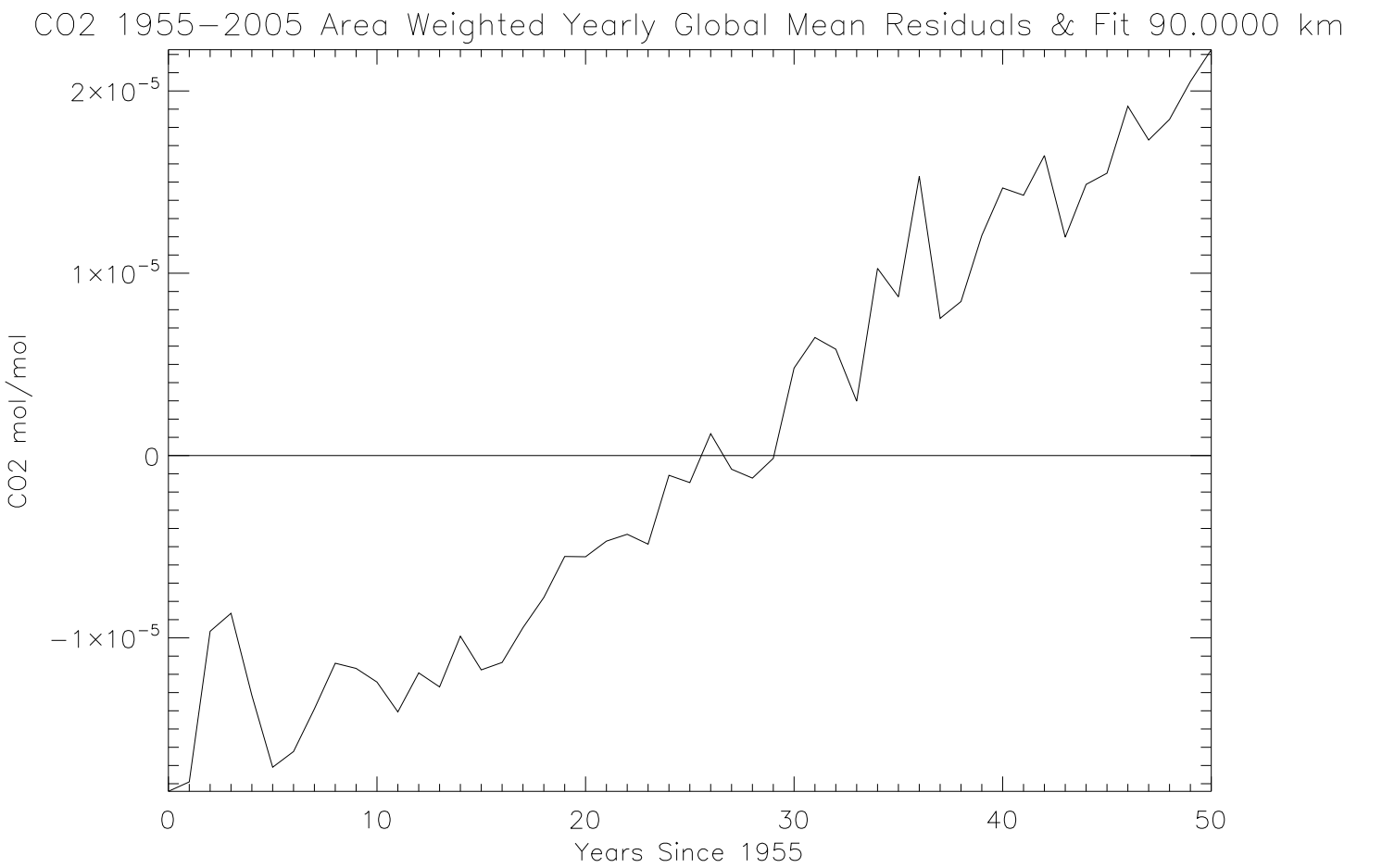

T 1970−2000 Area Weighted Yearly Global Mean Residuals & Fit 100.000 km
T (K)
40
20
0
−20
−40
0
5
10
15
20
25
30
Years Since 1970

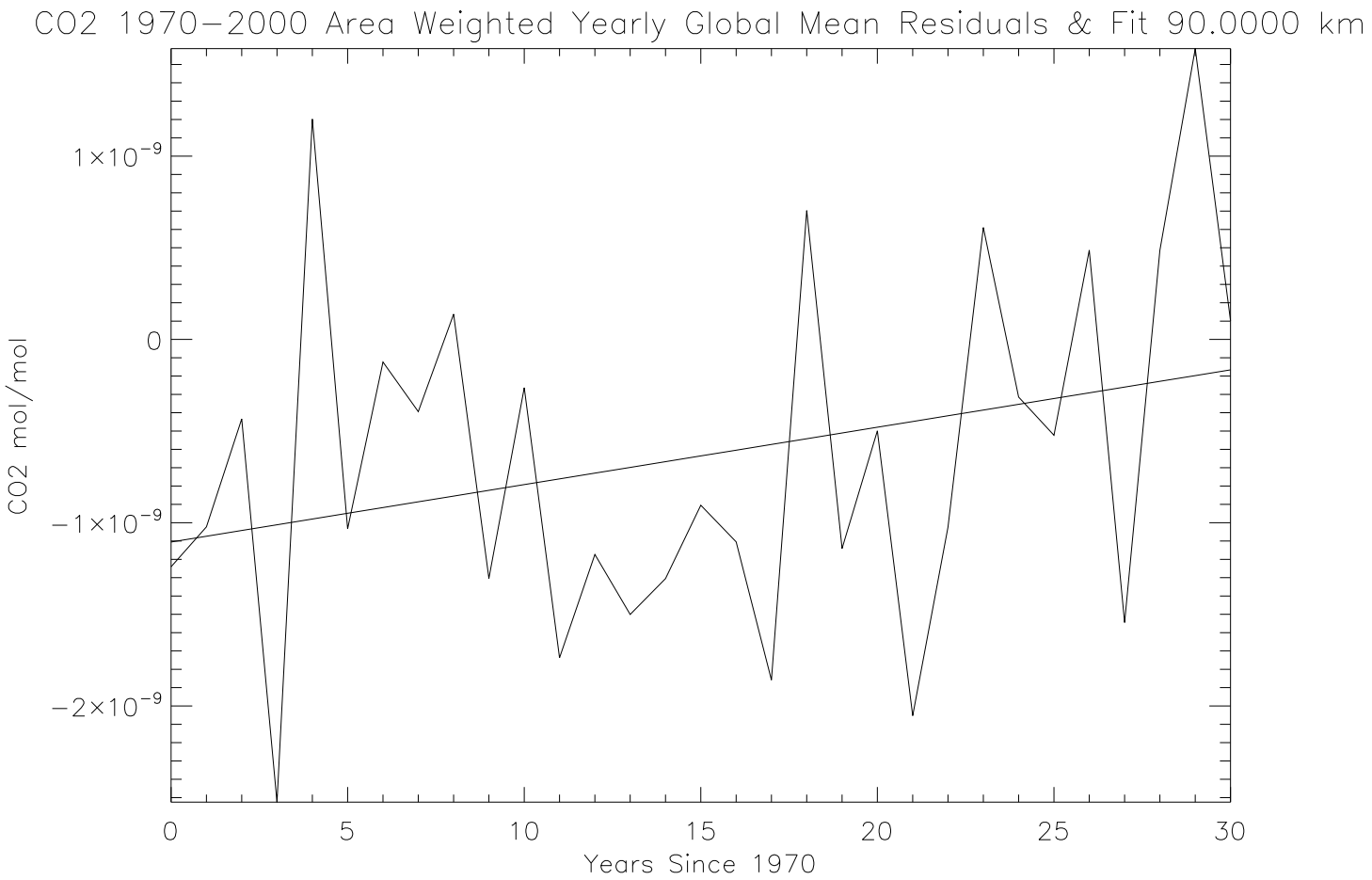

CO2 1955–2005 Area Weighted Yearly Global Mean Residuals & Fit 95.0000 km
1.5×10⁻⁵
1.0×10⁻⁵
5.0×10⁻⁶
0
−5.0×10⁻⁶
−1.0×10⁻⁵
CO2 mol/mol
0
10
20
30
40
50
Years Since 1955

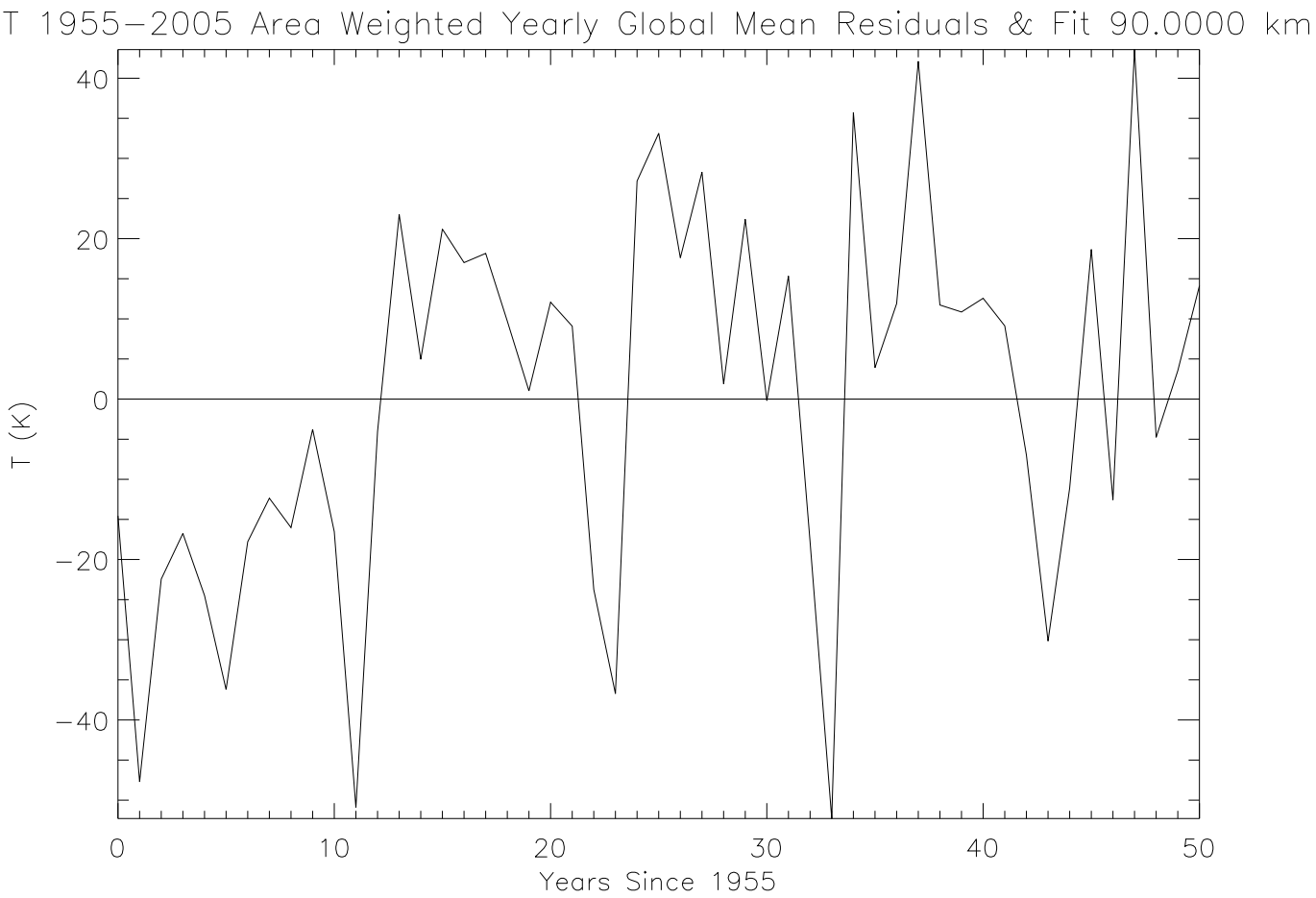

CO2 1970−2000 Area Weighted Yearly Global Mean Residuals & Fit 95.0000 km
1×10⁻⁹
0
−1×10⁻⁹
−2×10⁻⁹
CO2 mol/mol
0
5
10
15
20
25
30
Years Since 1970

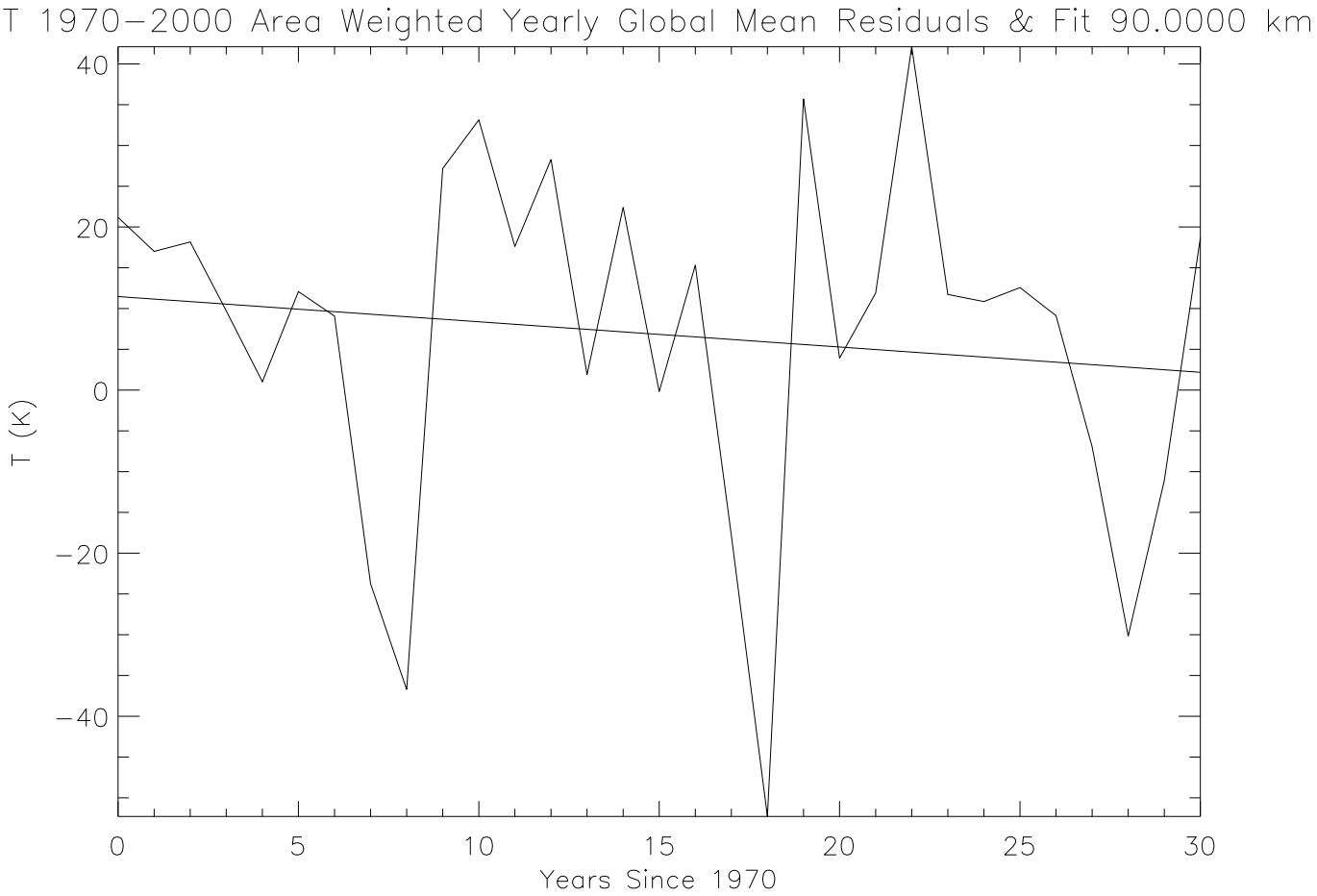

T 1955–2005 Area Weighted Yearly Global Mean Residuals & Fit 95.0000 km
T (K)
40
20
0
−20
−40
0
10
20
30
40
50
Years Since 1955

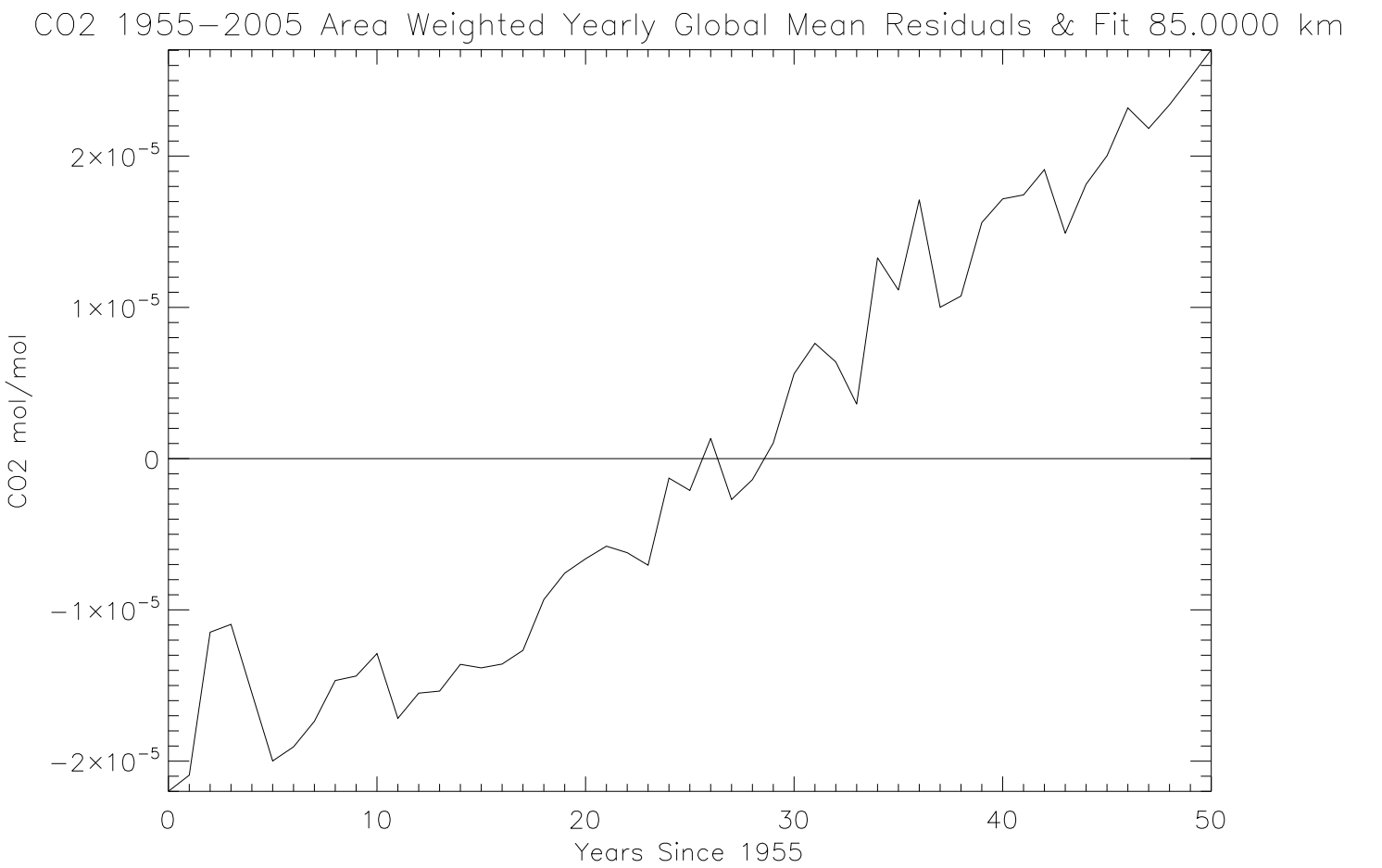

T 1970−2000 Area Weighted Yearly Global Mean Residuals & Fit 95.0000 km
T (K)
40
20
0
−20
−40
0
5
10
15
20
25
30
Years Since 1970

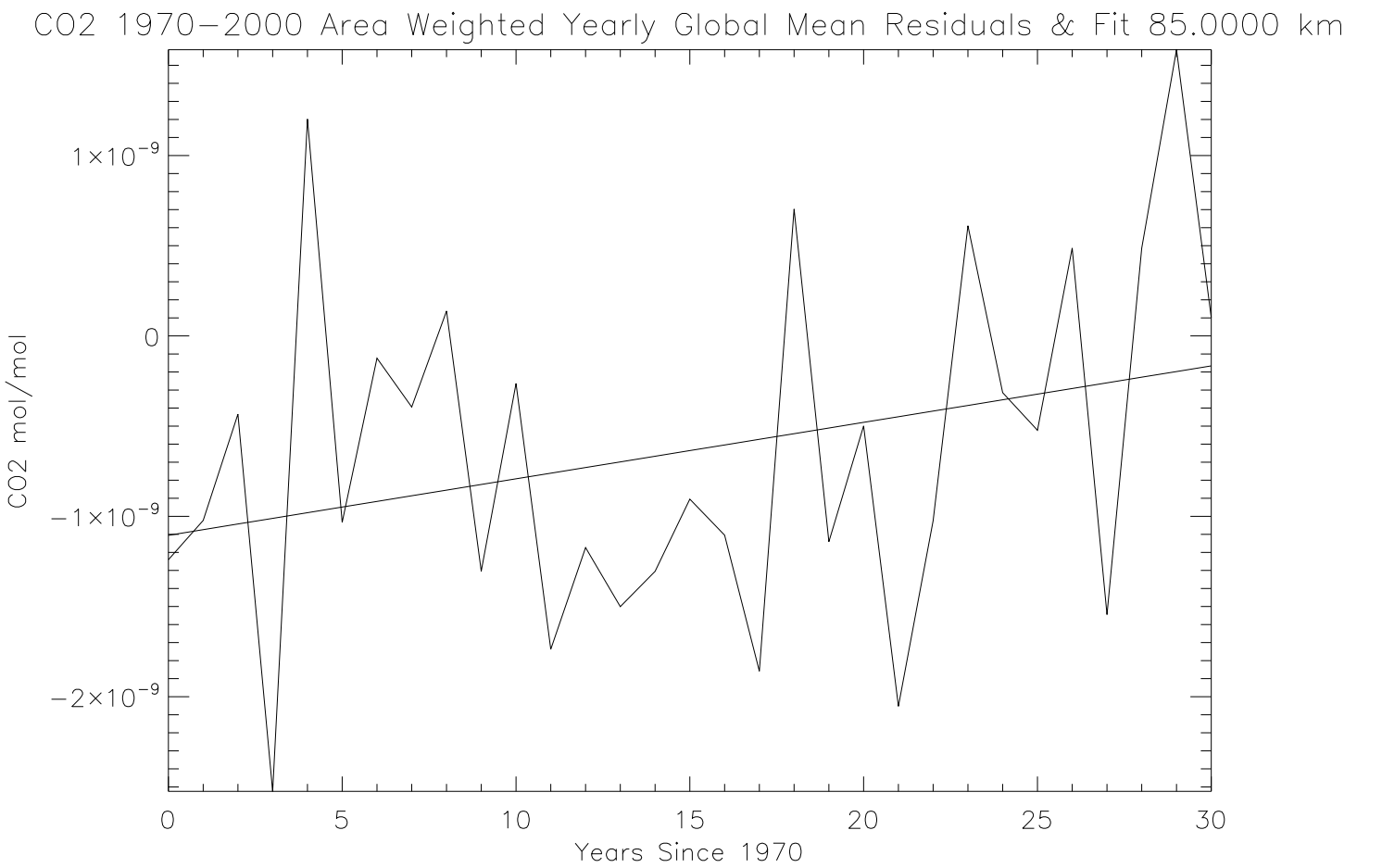

CO2 1955–2005 Area Weighted Yearly Global Mean Residuals & Fit 90.0000 km
2×10^-5
1×10^-5
0
−1×10^-5
CO2 mol/mol
0
10
20
30
40
50
Years Since 1955

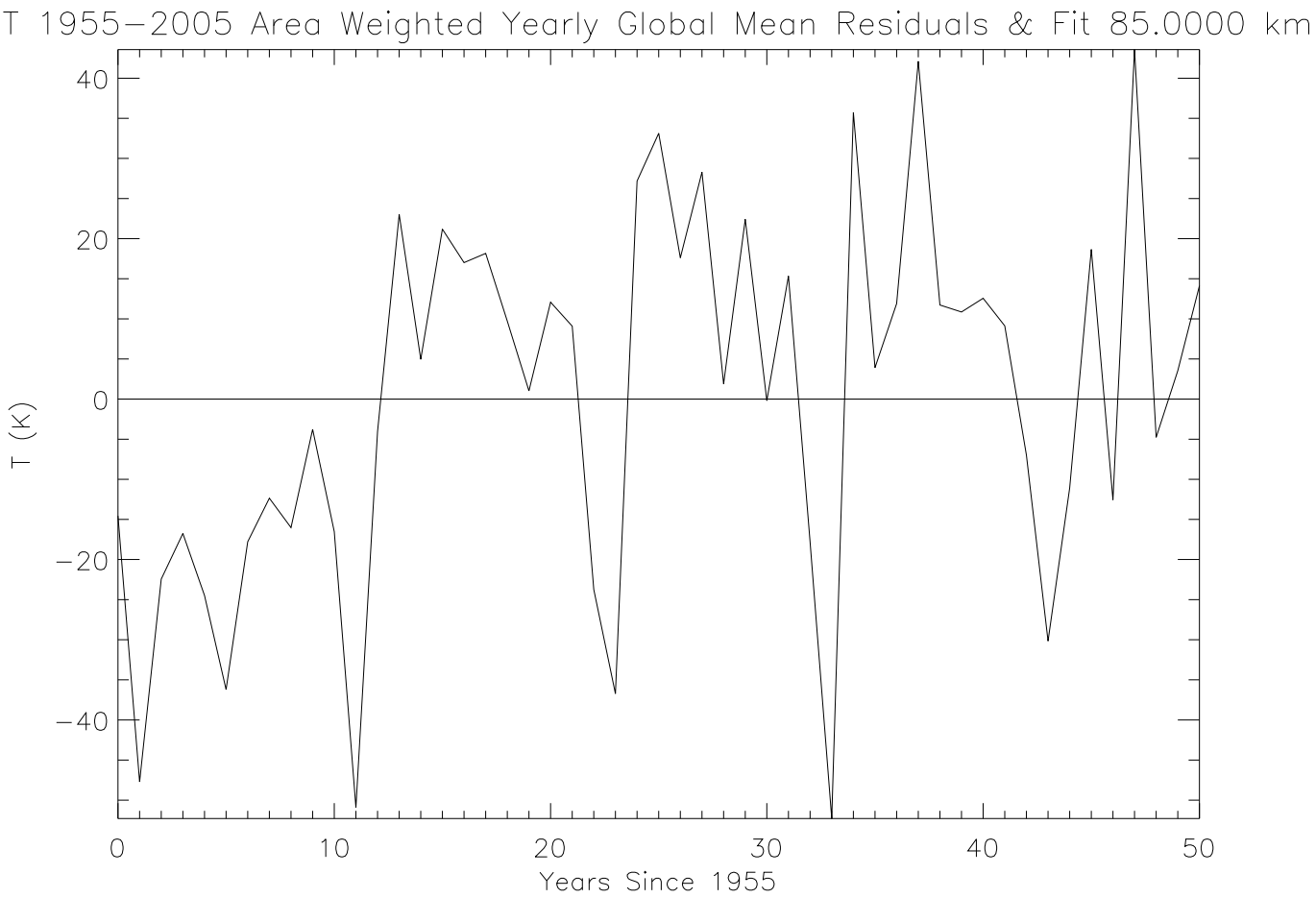

CO2 1970–2000 Area Weighted Yearly Global Mean Residuals & Fit 90.0000 km
1×10⁻⁹
0
−1×10⁻⁹
−2×10⁻⁹
CO2 mol/mol
0
5
10
15
20
25
30
Years Since 1970

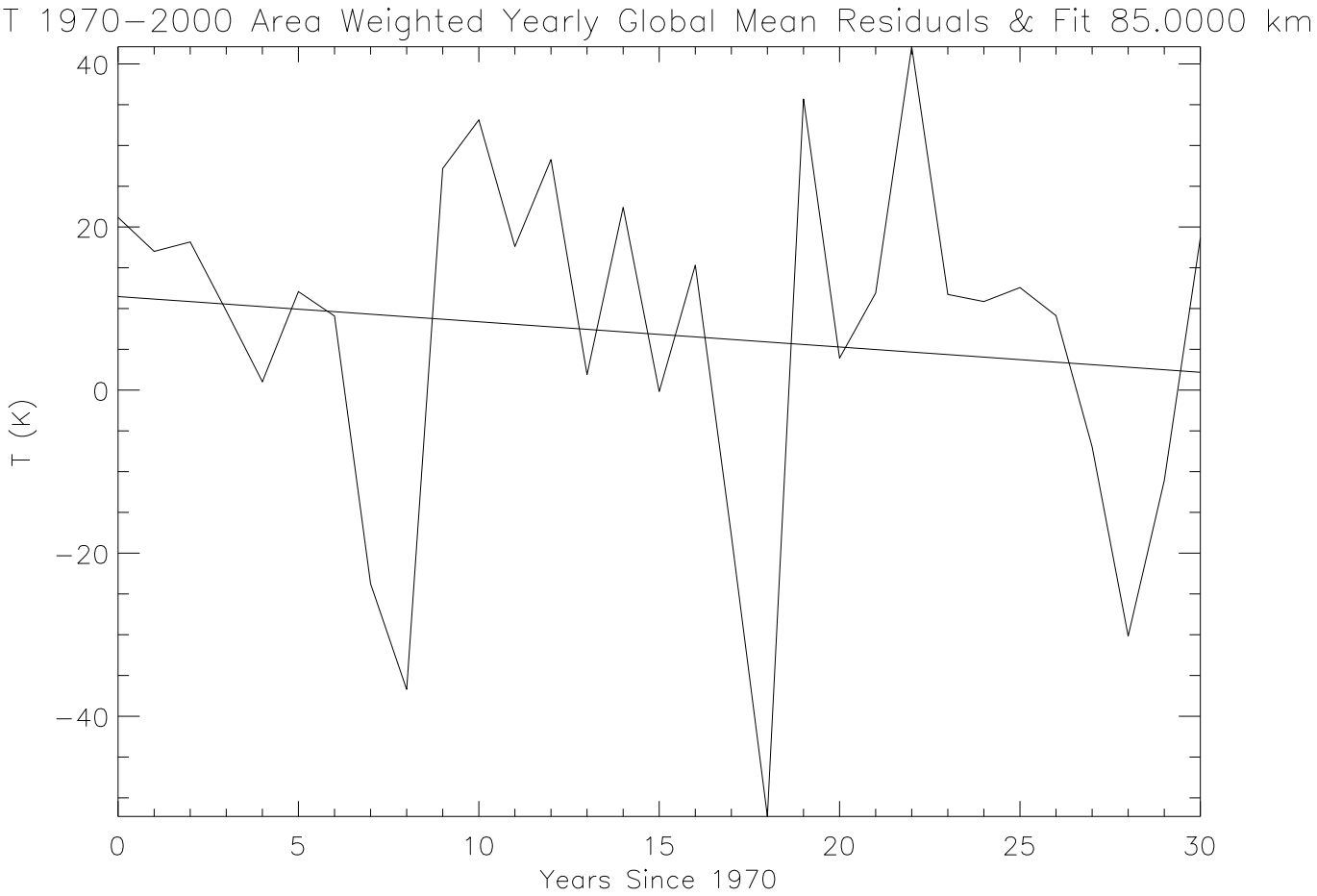

T 1955−2005 Area Weighted Yearly Global Mean Residuals & Fit 90.0000 km
T (K)
40
20
0
−20
−40
0
10
20
30
40
50
Years Since 1955

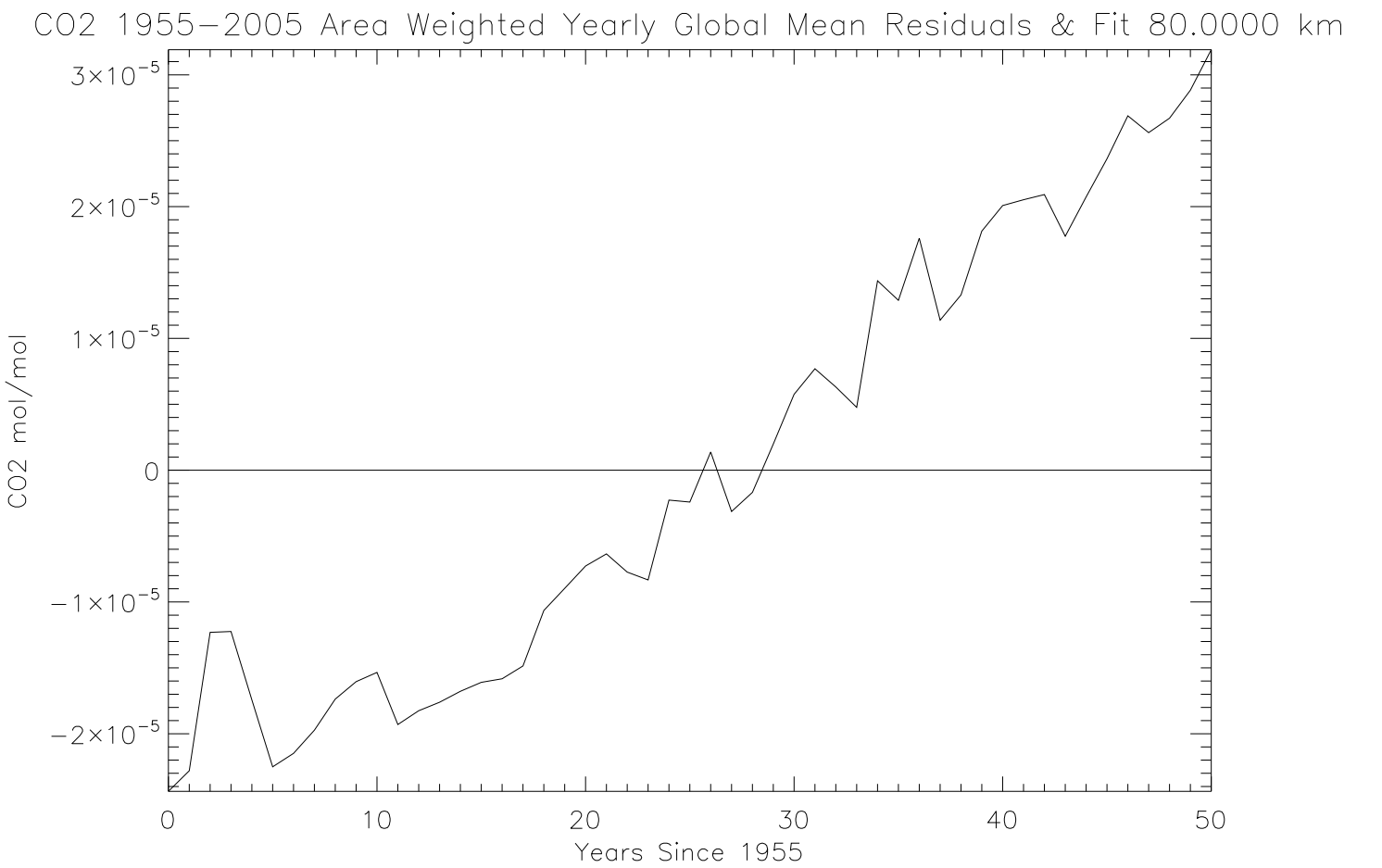

T 1970−2000 Area Weighted Yearly Global Mean Residuals & Fit 90.0000 km
T (K)
40
20
0
−20
−40
0
5
10
15
20
25
30
Years Since 1970

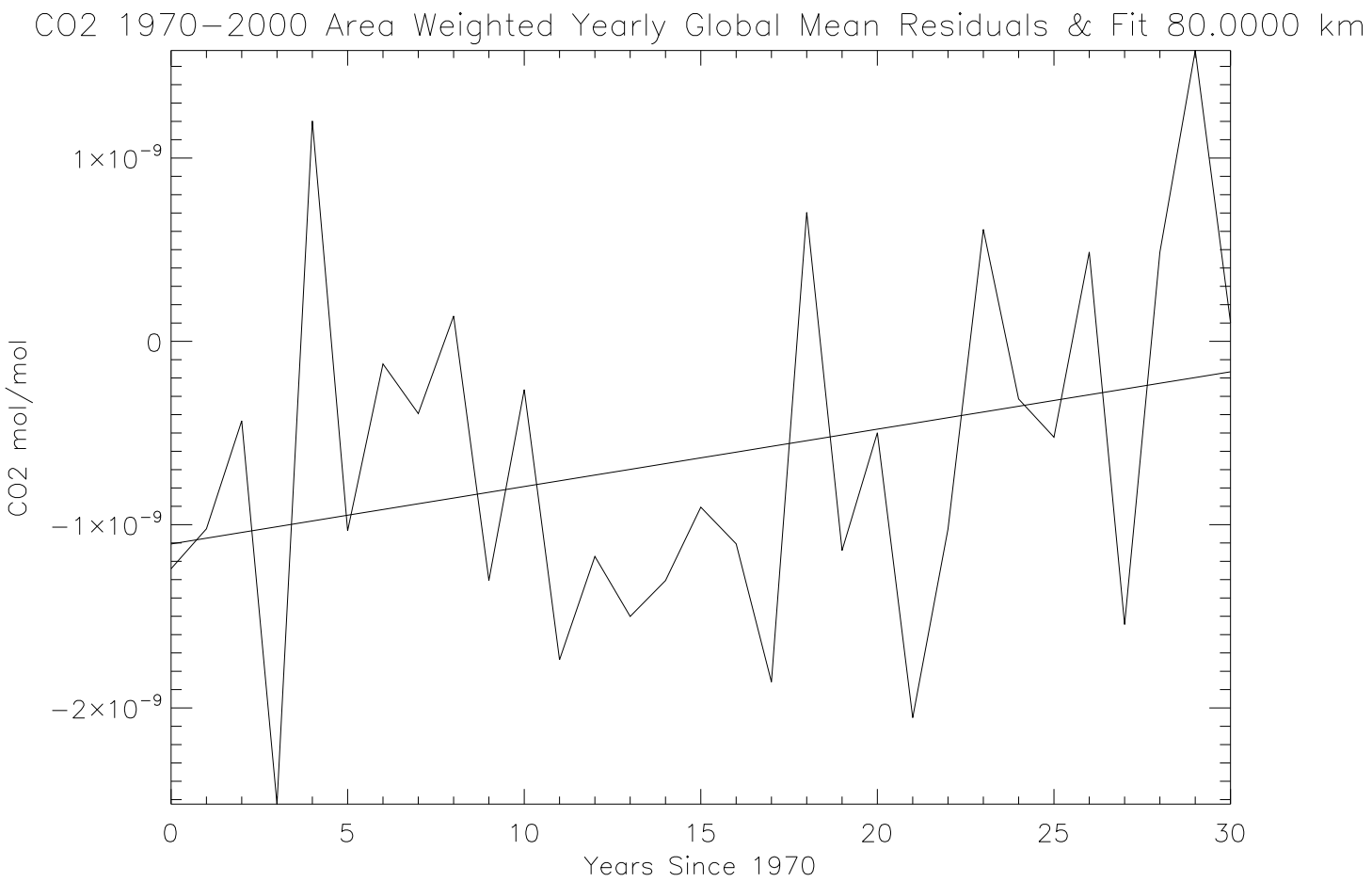

CO2 1955–2005 Area Weighted Yearly Global Mean Residuals & Fit 85.0000 km
2×10^-5
1×10^-5
0
−1×10^-5
−2×10^-5
CO2 mol/mol
0
10
20
30
40
50
Years Since 1955

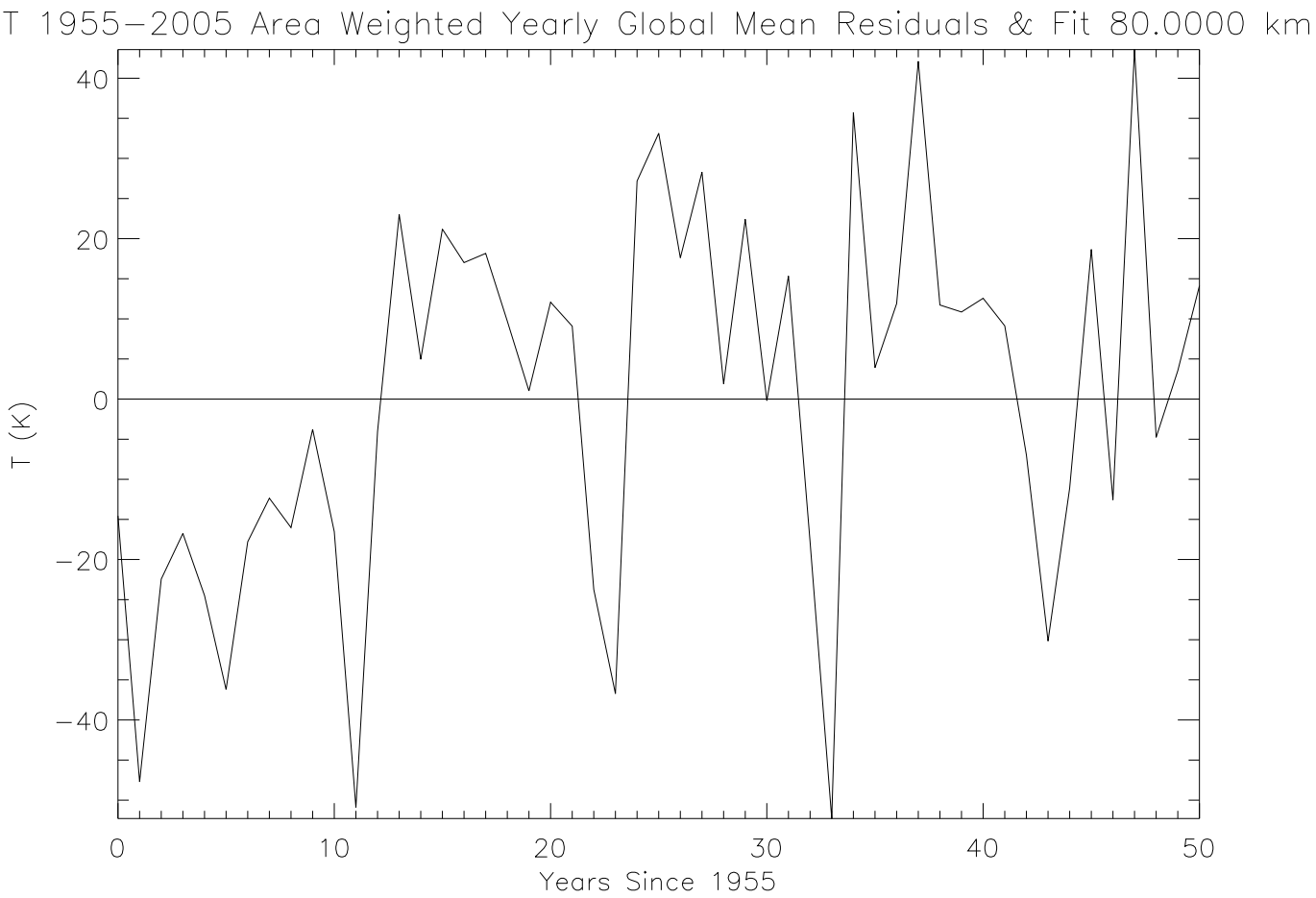

CO2 1970−2000 Area Weighted Yearly Global Mean Residuals & Fit 85.0000 km
1×10⁻⁹
0
−1×10⁻⁹
−2×10⁻⁹
CO2 mol/mol
0
5
10
15
20
25
30
Years Since 1970

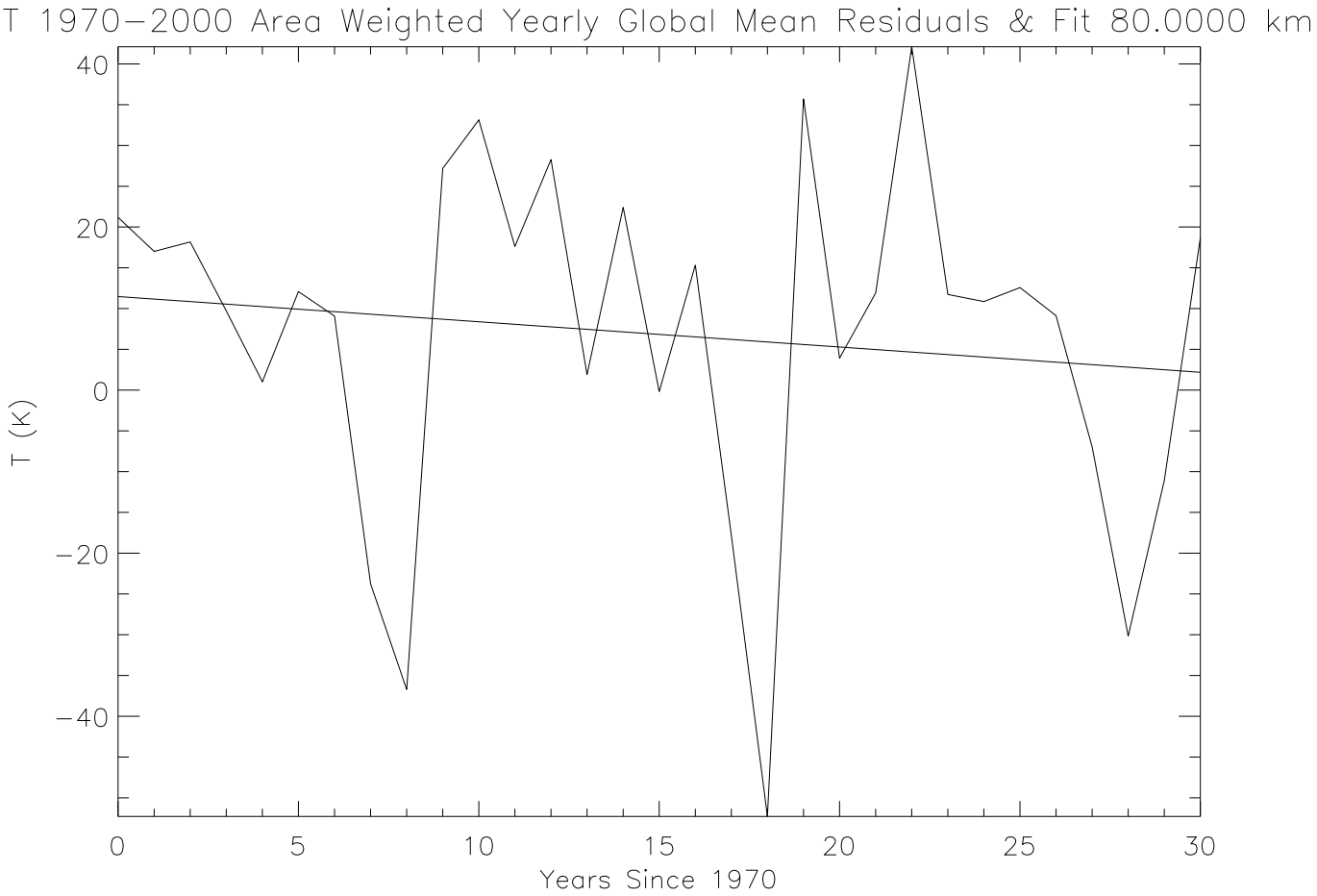

T 1955−2005 Area Weighted Yearly Global Mean Residuals & Fit 85.0000 km
T (K)
40
20
0
−20
−40
0
10
20
30
40
50
Years Since 1955

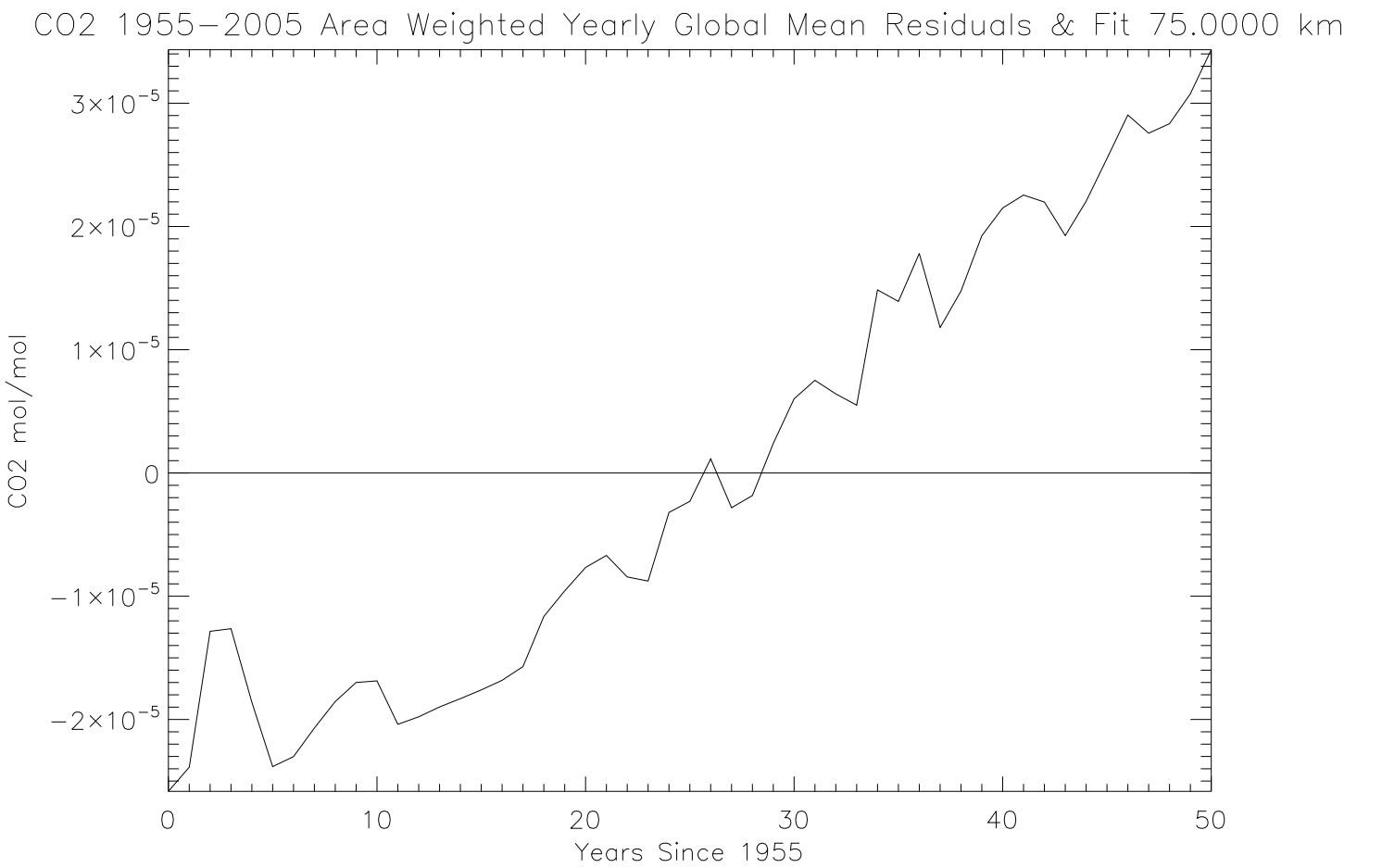

T 1970−2000 Area Weighted Yearly Global Mean Residuals & Fit 85.0000 km
T (K)
40
20
0
−20
−40
0
5
10
15
20
25
30
Years Since 1970

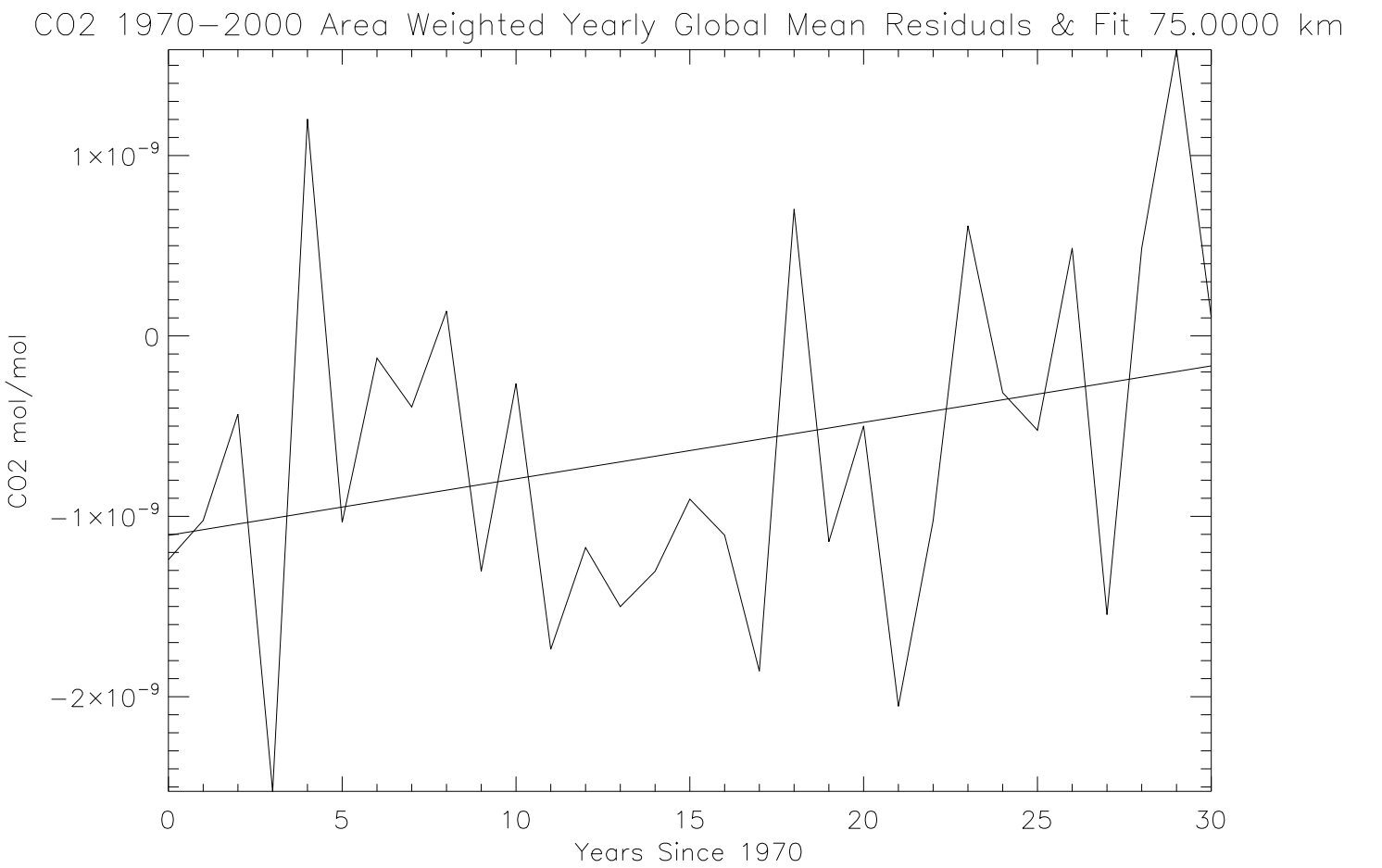

CO2 1955–2005 Area Weighted Yearly Global Mean Residuals & Fit 80.0000 km
3×10⁻⁵
2×10⁻⁵
1×10⁻⁵
0
−1×10⁻⁵
−2×10⁻⁵
CO2 mol/mol
0
10
20
30
40
50
Years Since 1955

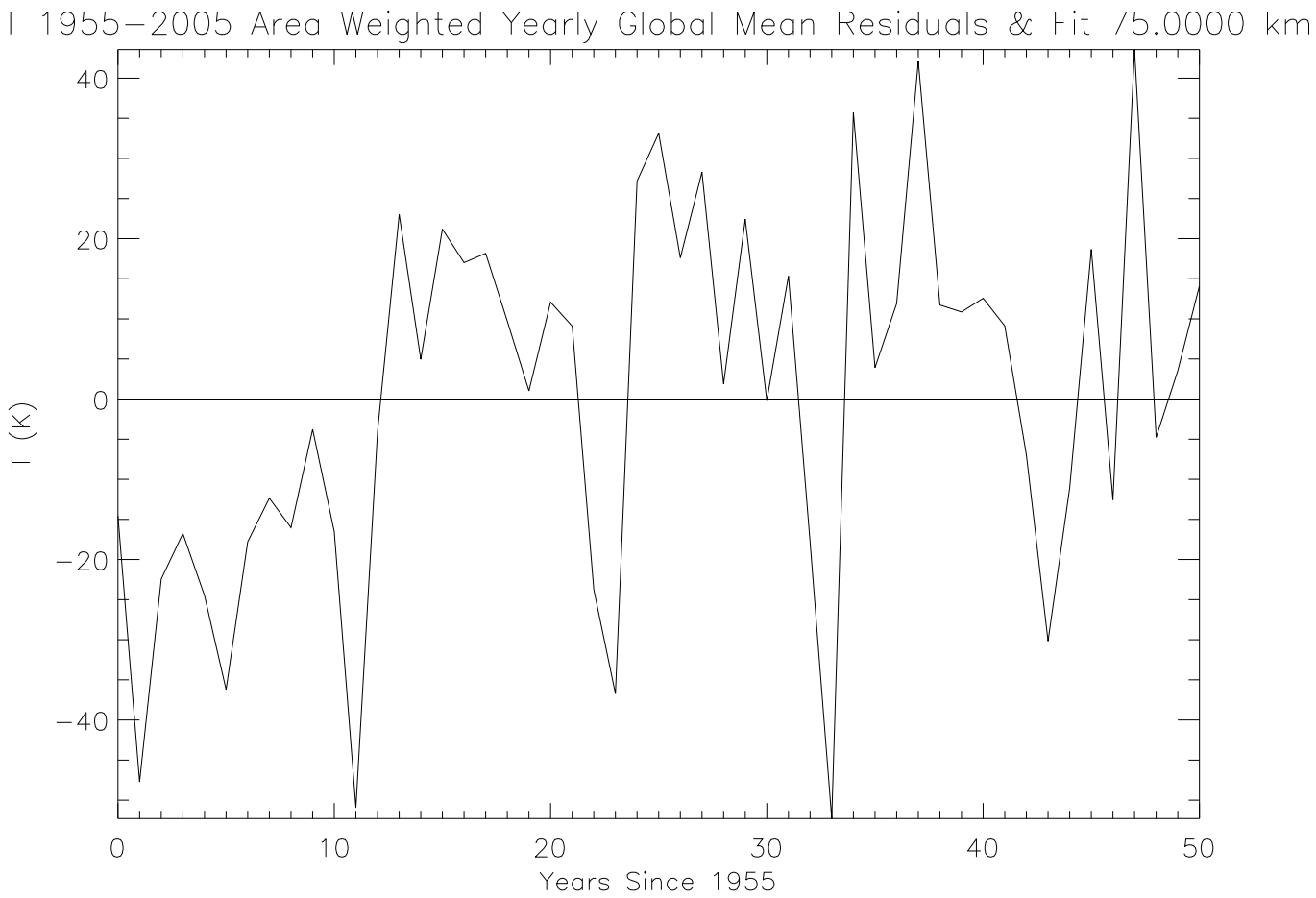

CO2 1970–2000 Area Weighted Yearly Global Mean Residuals & Fit 80.0000 km
1×10⁻⁹
0
−1×10⁻⁹
−2×10⁻⁹
CO2 mol/mol
0
5
10
15
20
25
30
Years Since 1970

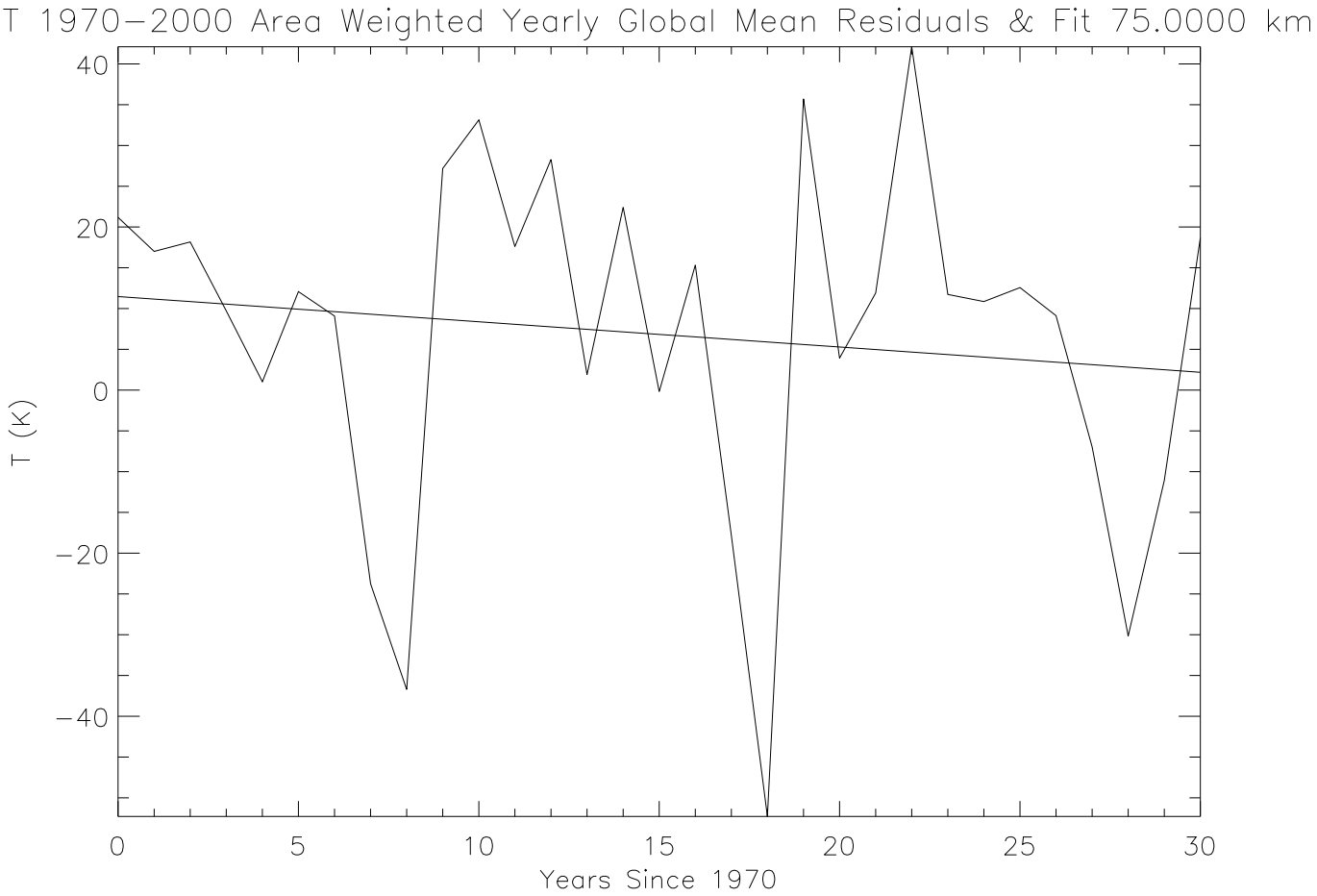

T 1955−2005 Area Weighted Yearly Global Mean Residuals & Fit 80.0000 km
T (K)
40
20
0
−20
−40
0
10
20
30
40
50
Years Since 1955

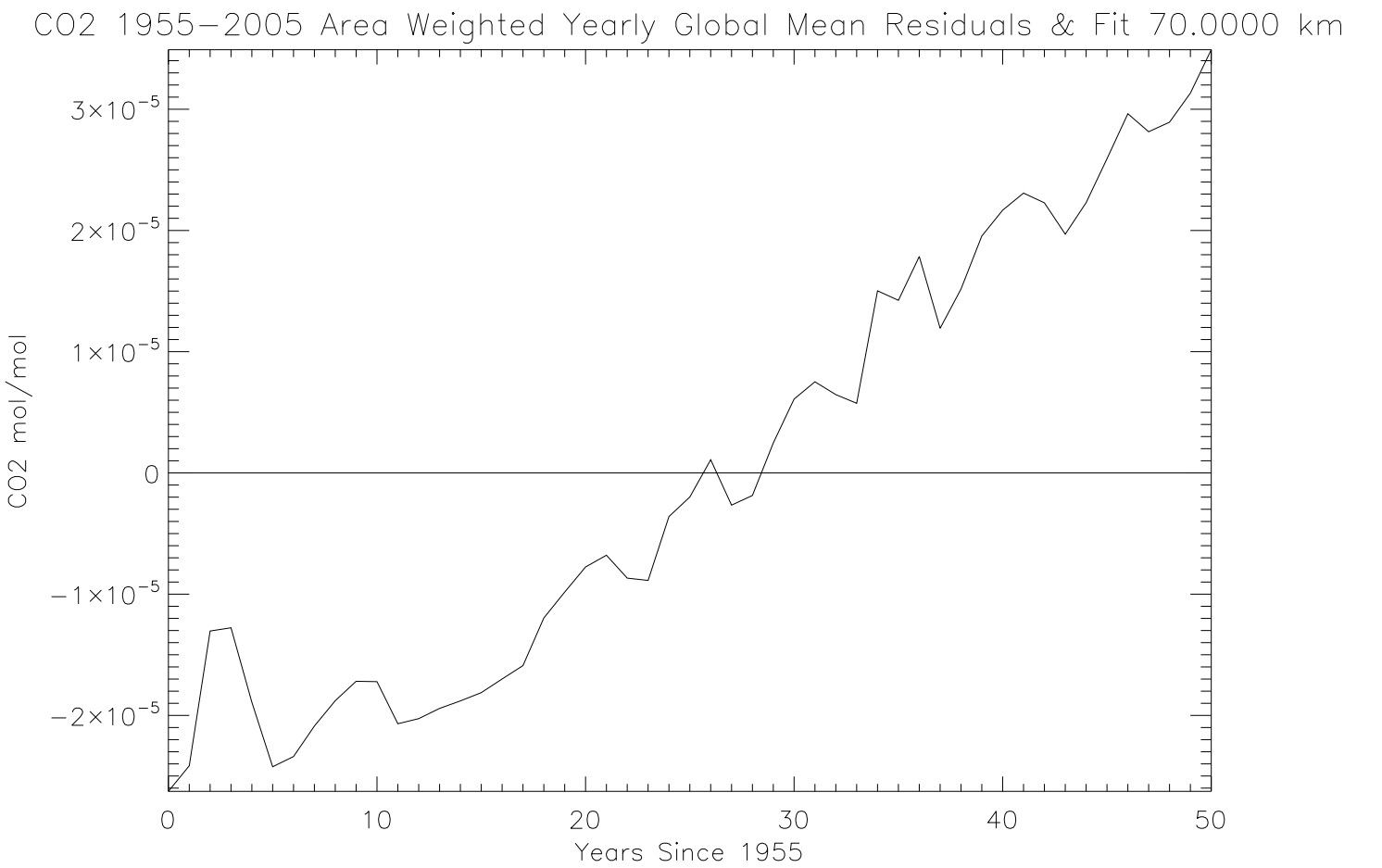

T 1970−2000 Area Weighted Yearly Global Mean Residuals & Fit 80.0000 km
T (K)
40
20
0
−20
−40
0
5
10
15
20
25
30
Years Since 1970

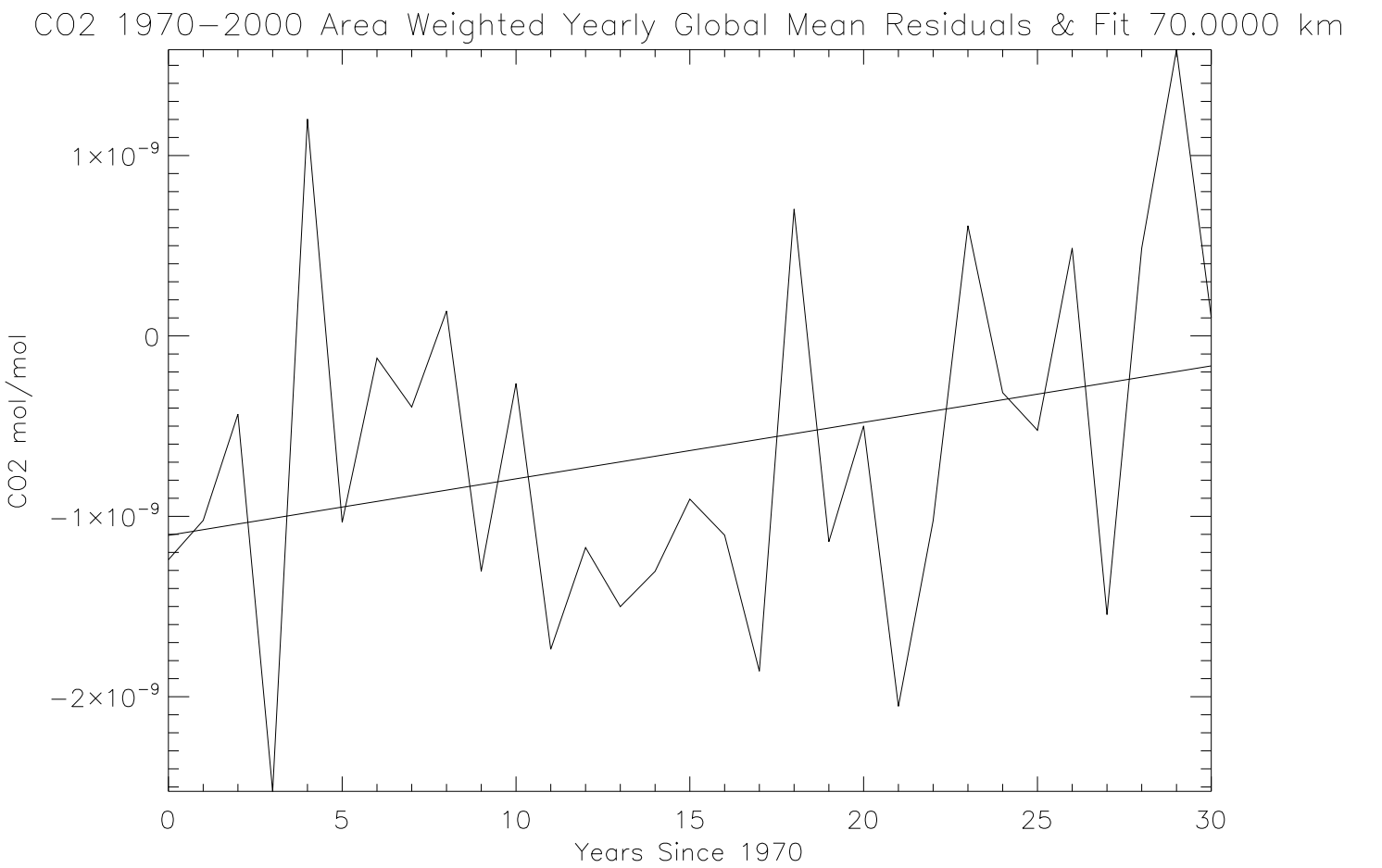

CO2 1955–2005 Area Weighted Yearly Global Mean Residuals & Fit 75.0000 km
3×10⁻⁵
2×10⁻⁵
1×10⁻⁵
0
−1×10⁻⁵
−2×10⁻⁵
CO2 mol/mol
0
10
20
30
40
50
Years Since 1955

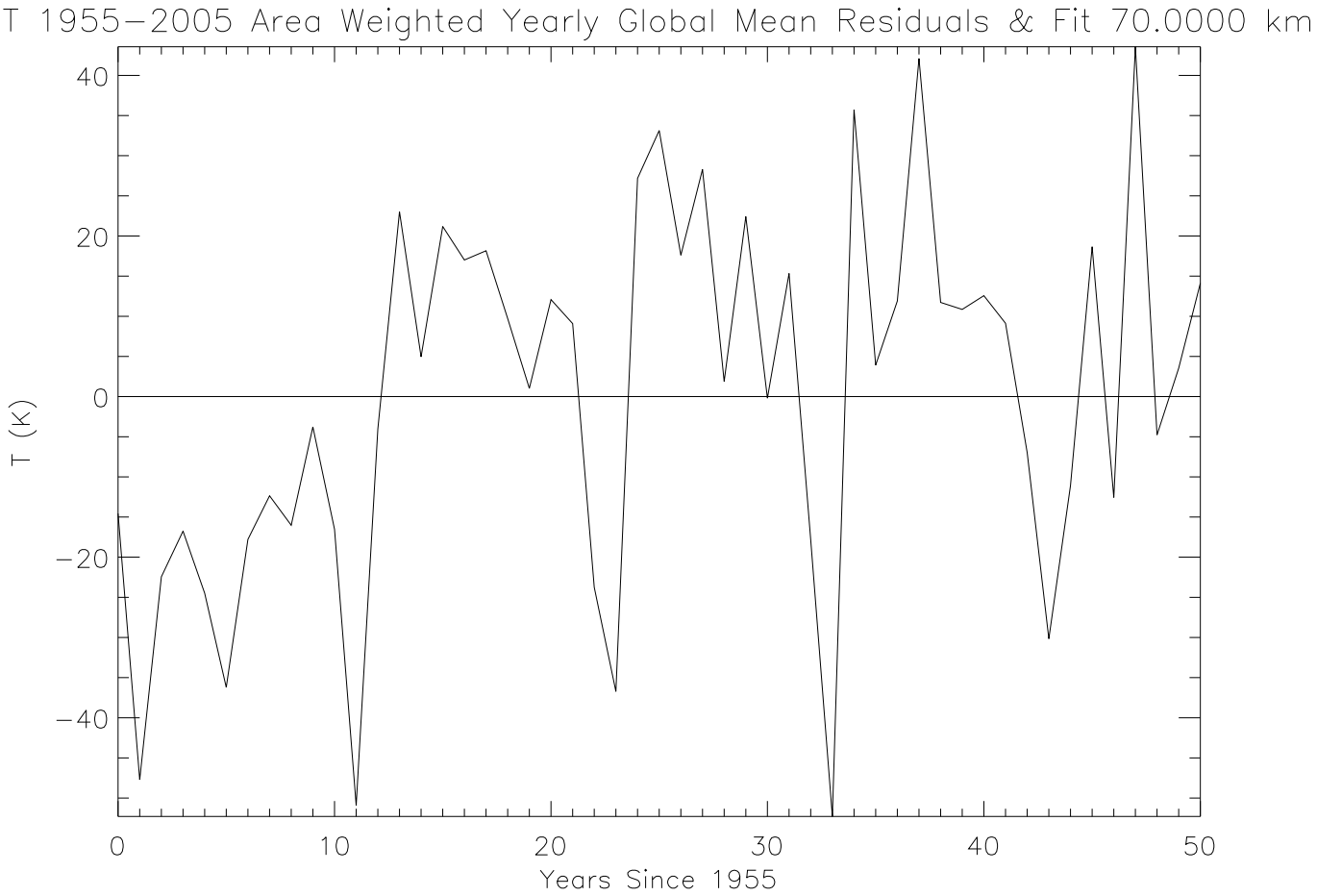

CO2 1970–2000 Area Weighted Yearly Global Mean Residuals & Fit 75.0000 km
1×10⁻⁹
0
−1×10⁻⁹
−2×10⁻⁹
CO2 mol/mol
0
5
10
15
20
25
30
Years Since 1970

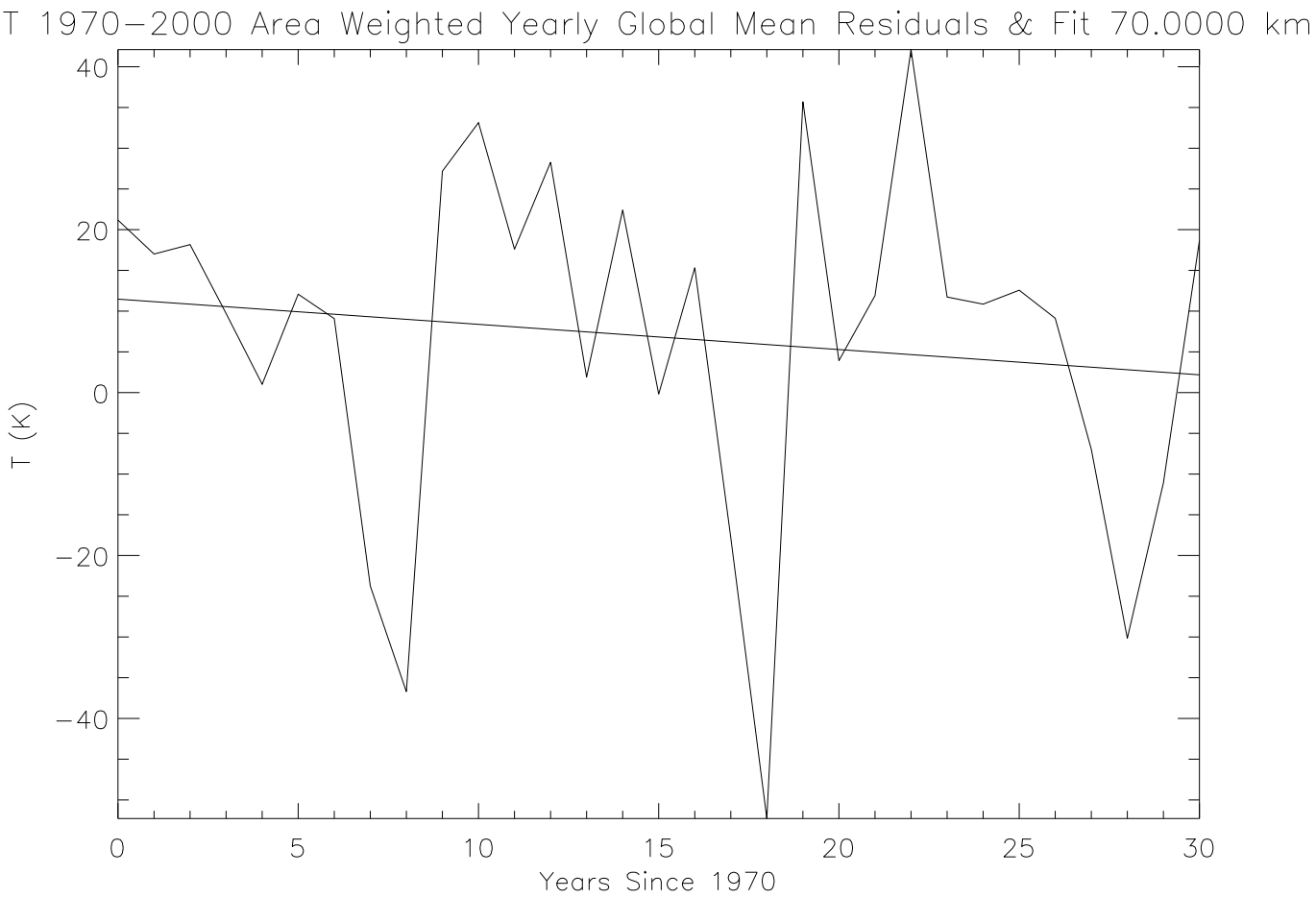

T 1955−2005 Area Weighted Yearly Global Mean Residuals & Fit 75.0000 km
T (K)
40
20
0
−20
−40
0
10
20
30
40
50
Years Since 1955

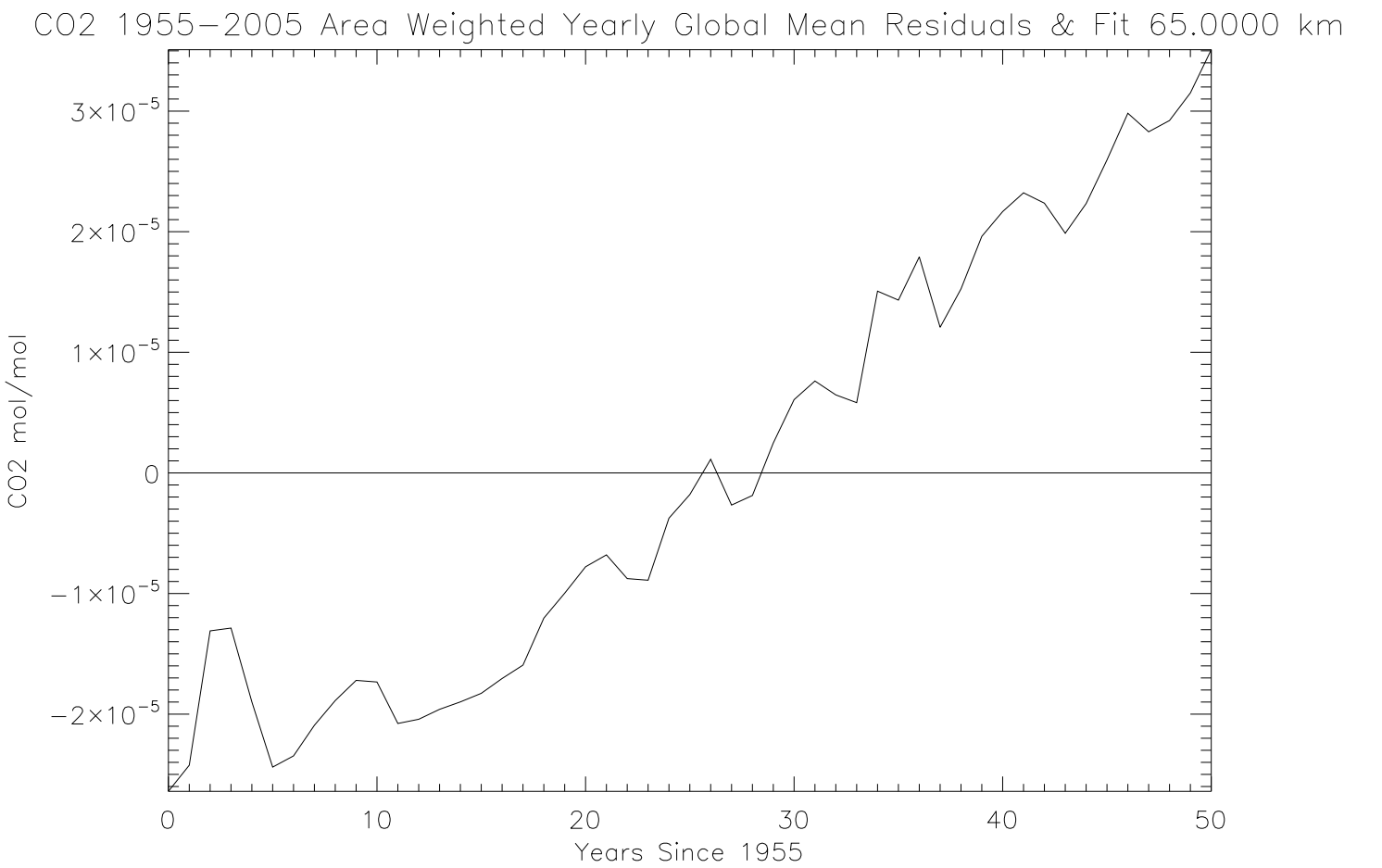

T 1970−2000 Area Weighted Yearly Global Mean Residuals & Fit 75.0000 km
T (K)
40
20
0
−20
−40
0
5
10
15
20
25
30
Years Since 1970

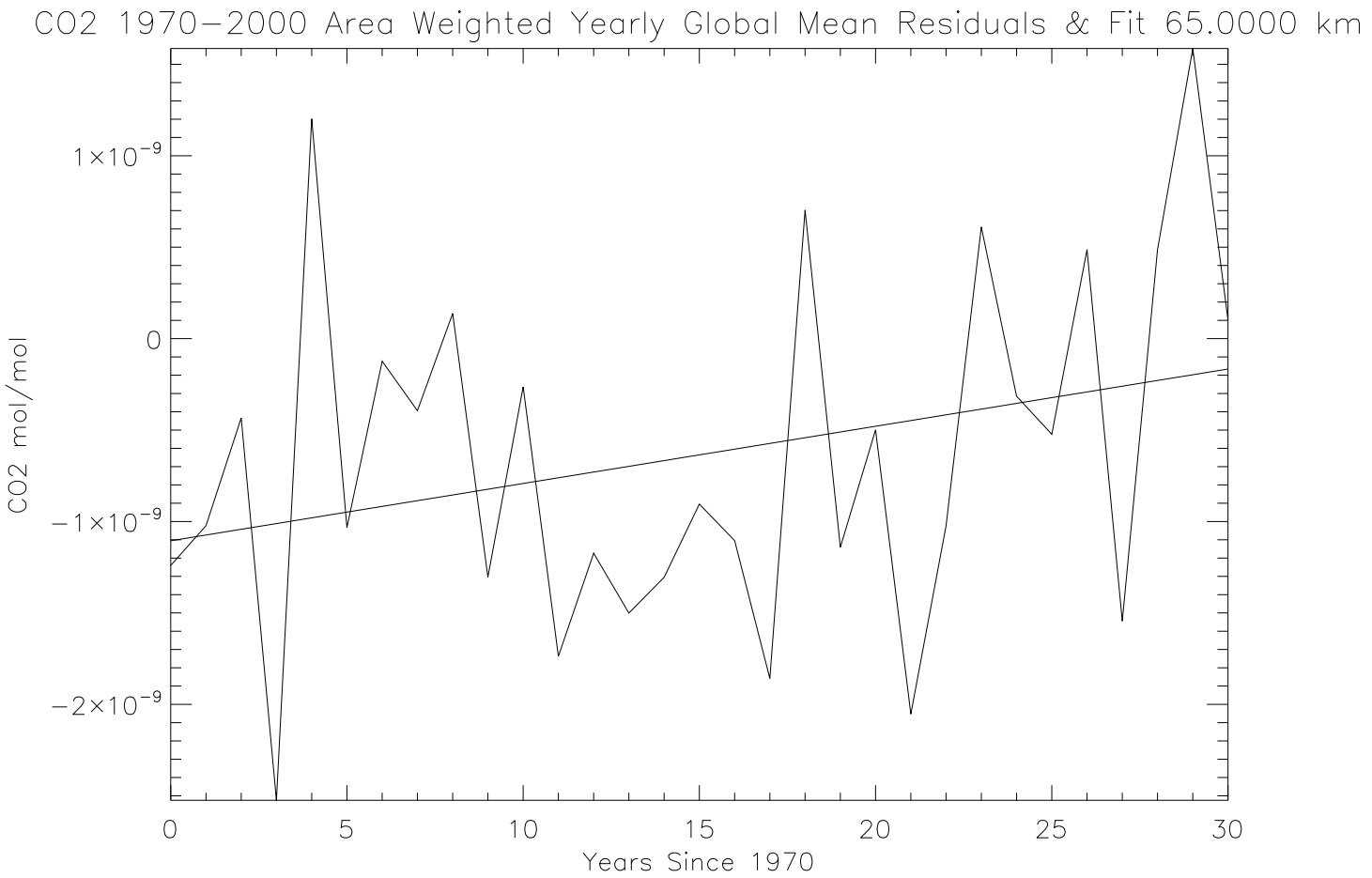

CO2 1955–2005 Area Weighted Yearly Global Mean Residuals & Fit 70.0000 km
3×10⁻⁵
2×10⁻⁵
1×10⁻⁵
0
−1×10⁻⁵
−2×10⁻⁵
CO2 mol/mol
0
10
20
30
40
50
Years Since 1955

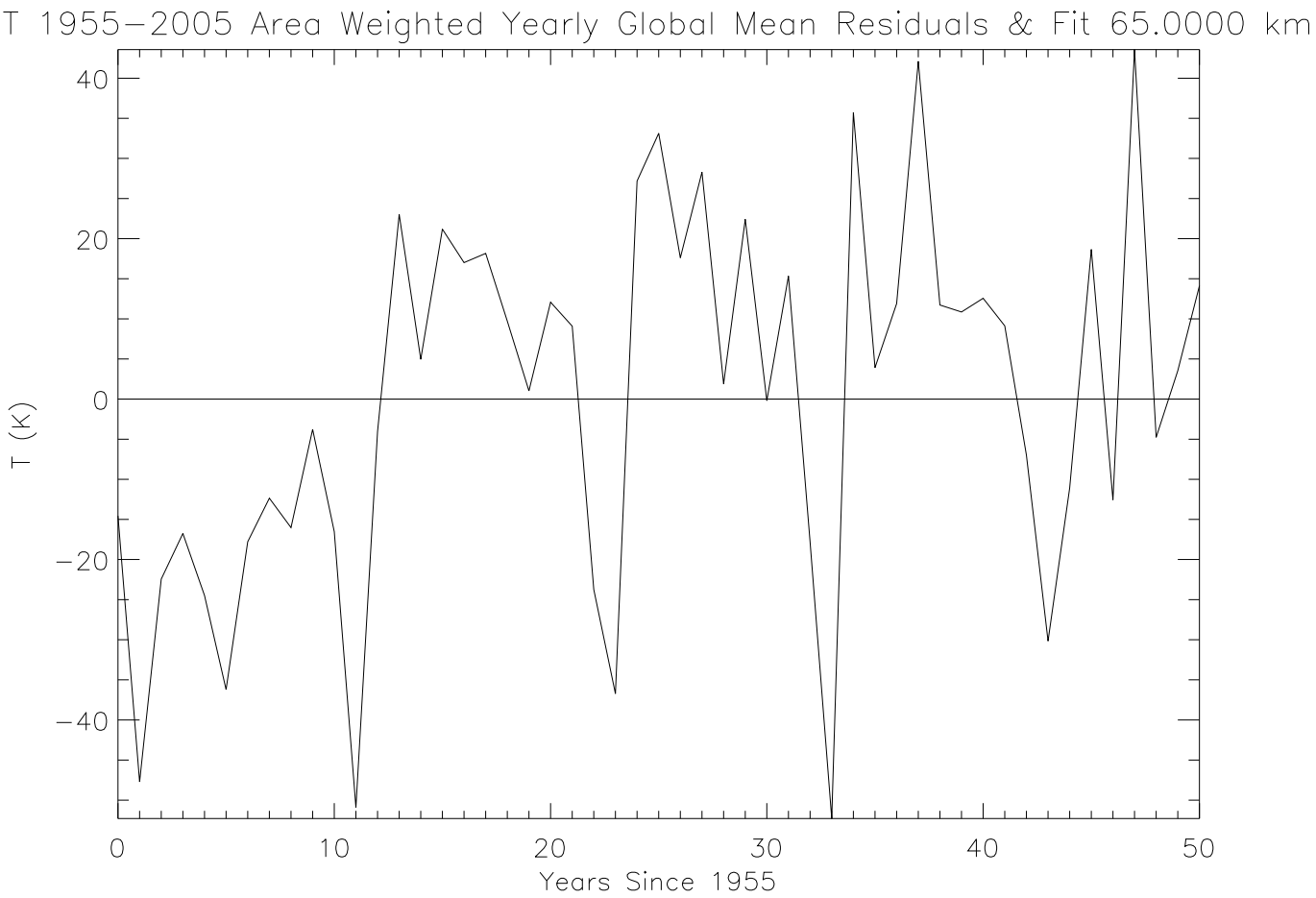

CO2 1970−2000 Area Weighted Yearly Global Mean Residuals & Fit 70.0000 km
1×10⁻⁹
0
−1×10⁻⁹
−2×10⁻⁹
CO2 mol/mol
0
5
10
15
20
25
30
Years Since 1970

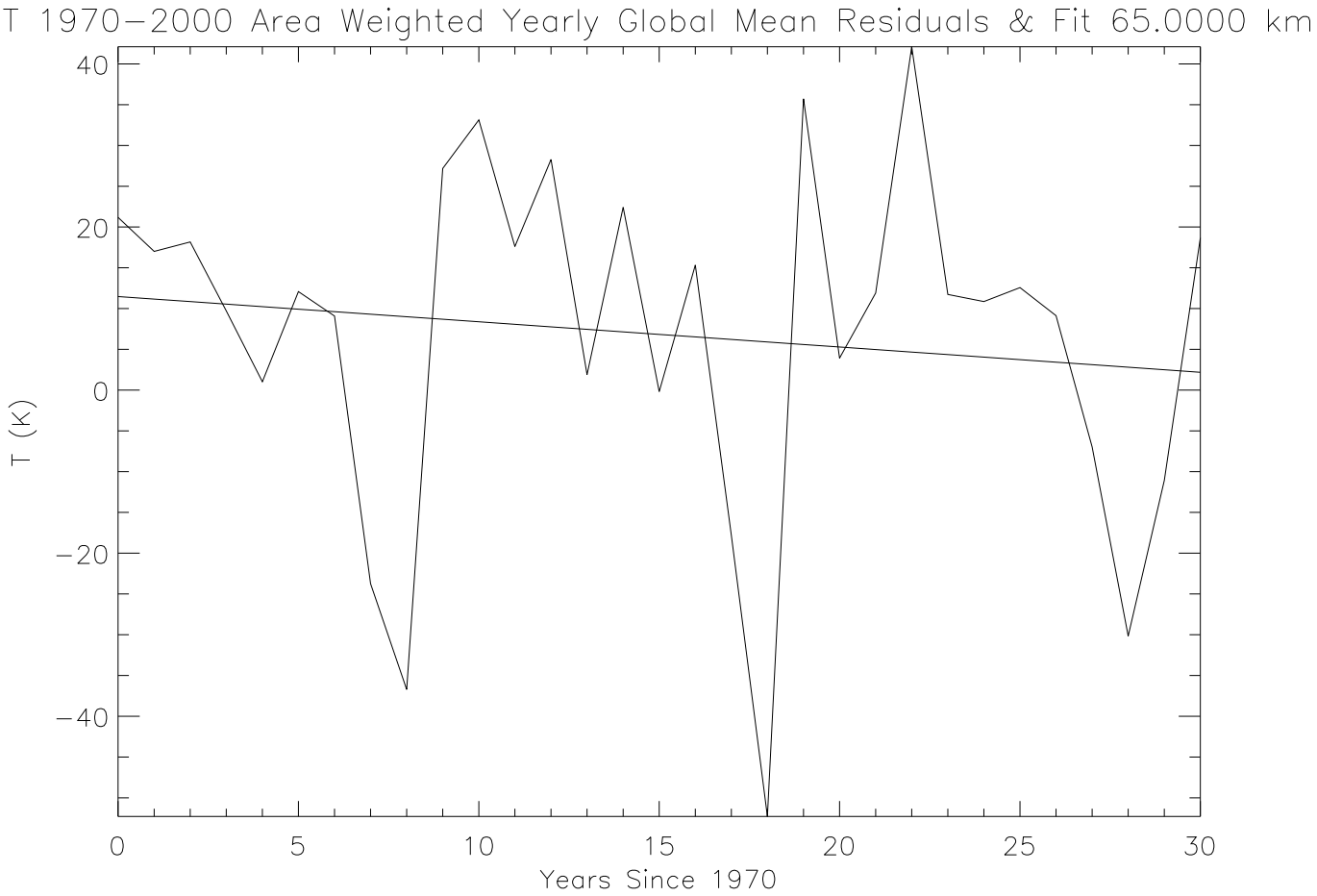

T 1955−2005 Area Weighted Yearly Global Mean Residuals & Fit 70.0000 km
T (K)
40
20
0
−20
−40
0
10
20
30
40
50
Years Since 1955

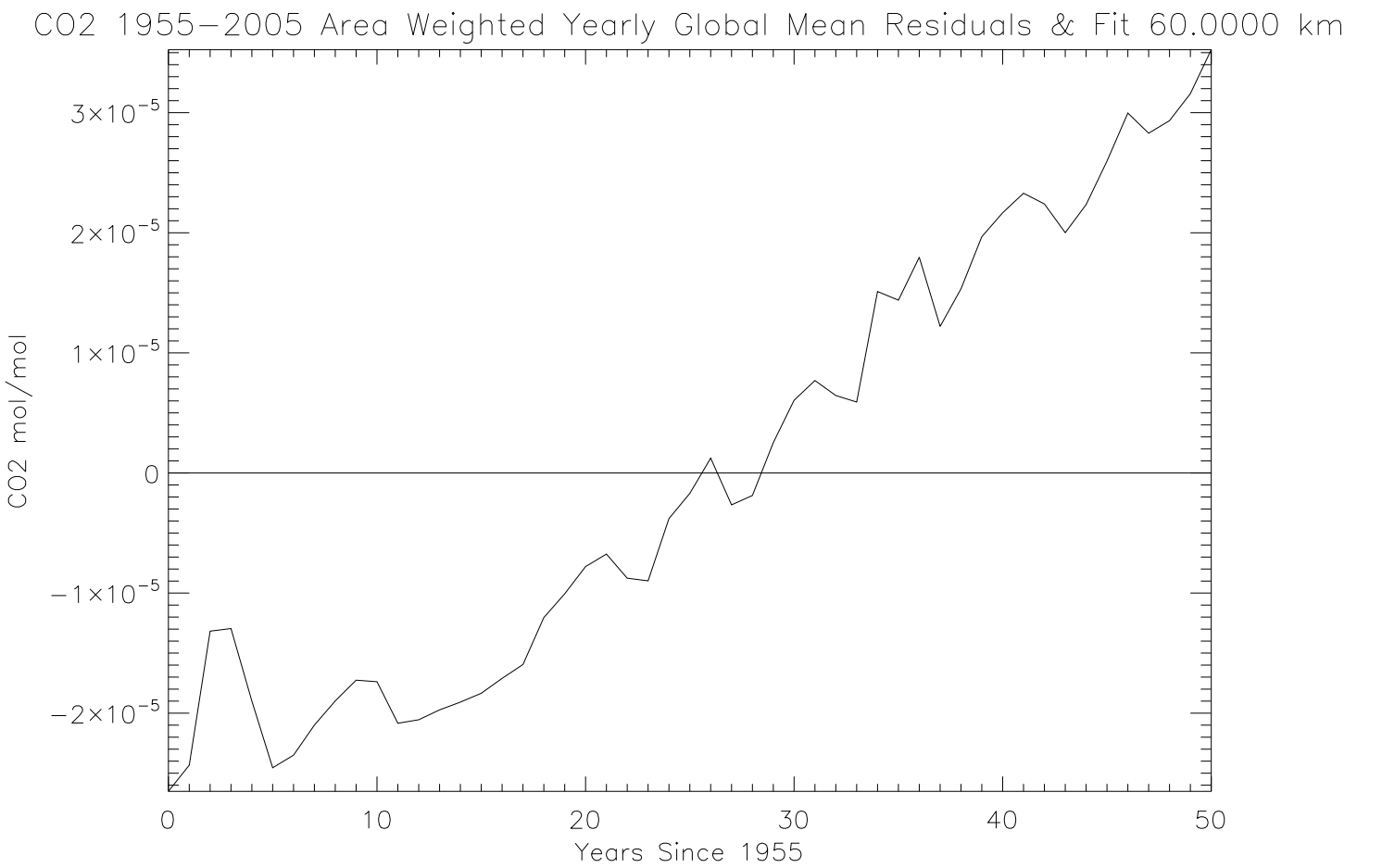

T 1970−2000 Area Weighted Yearly Global Mean Residuals & Fit 70.0000 km
T (K)
40
20
0
−20
−40
0
5
10
15
20
25
30
Years Since 1970

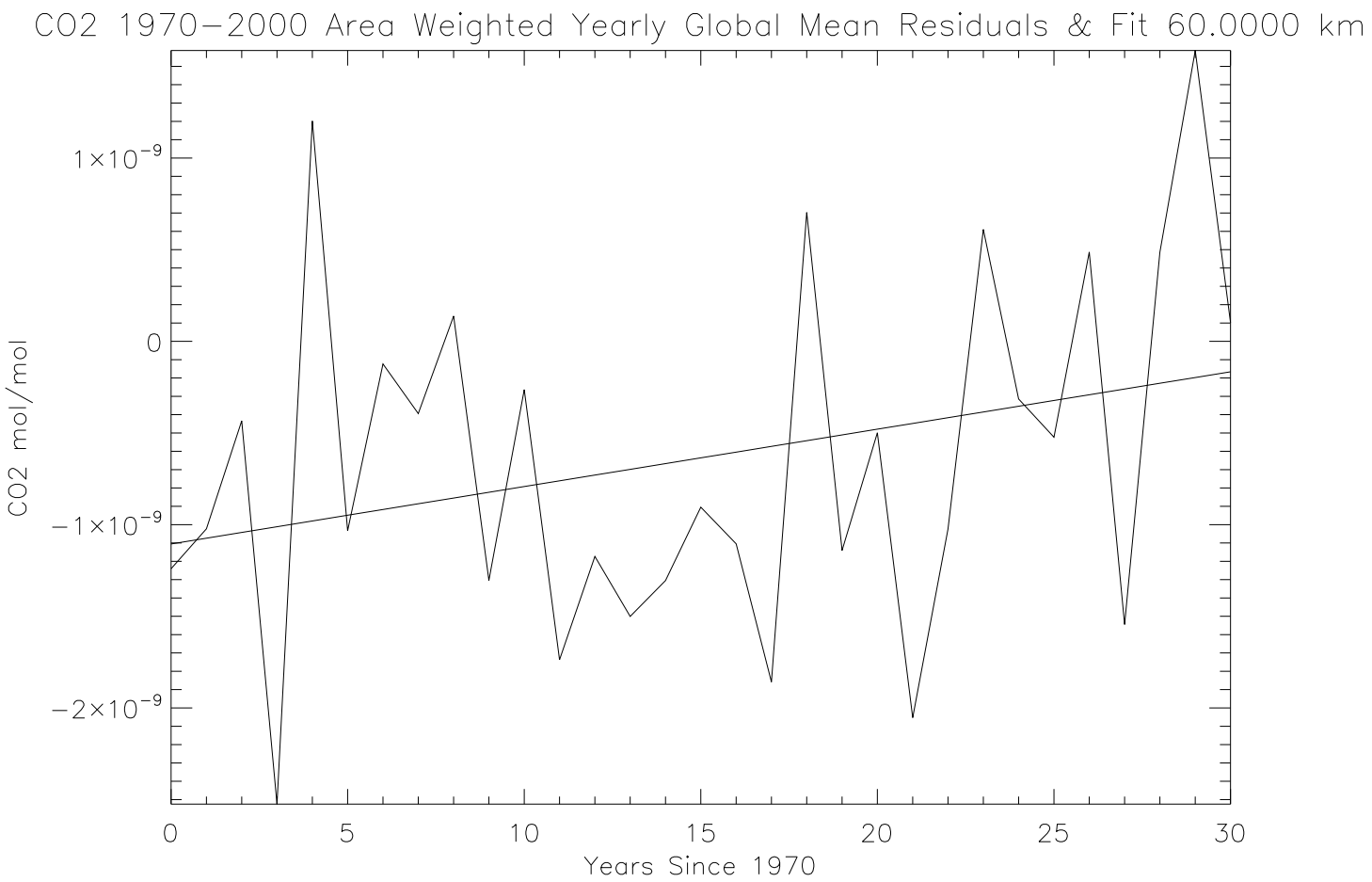

CO2 1955–2005 Area Weighted Yearly Global Mean Residuals & Fit 65.0000 km
3×10⁻⁵
2×10⁻⁵
1×10⁻⁵
0
−1×10⁻⁵
−2×10⁻⁵
CO2 mol/mol
0
10
20
30
40
50
Years Since 1955

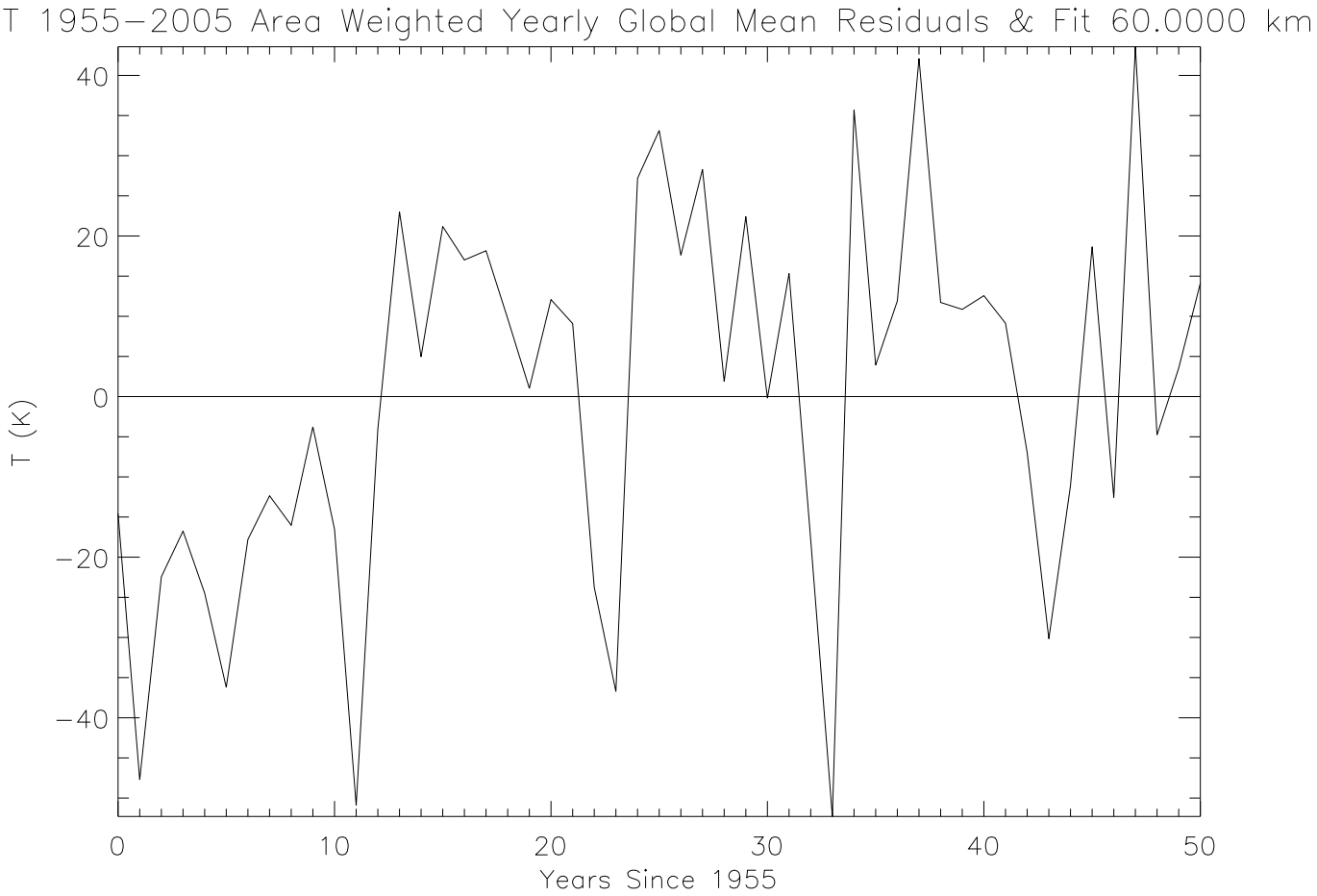

CO2 1970−2000 Area Weighted Yearly Global Mean Residuals & Fit 65.0000 km
1×10⁻⁹
0
−1×10⁻⁹
−2×10⁻⁹
CO2 mol/mol
0
5
10
15
20
25
30
Years Since 1970

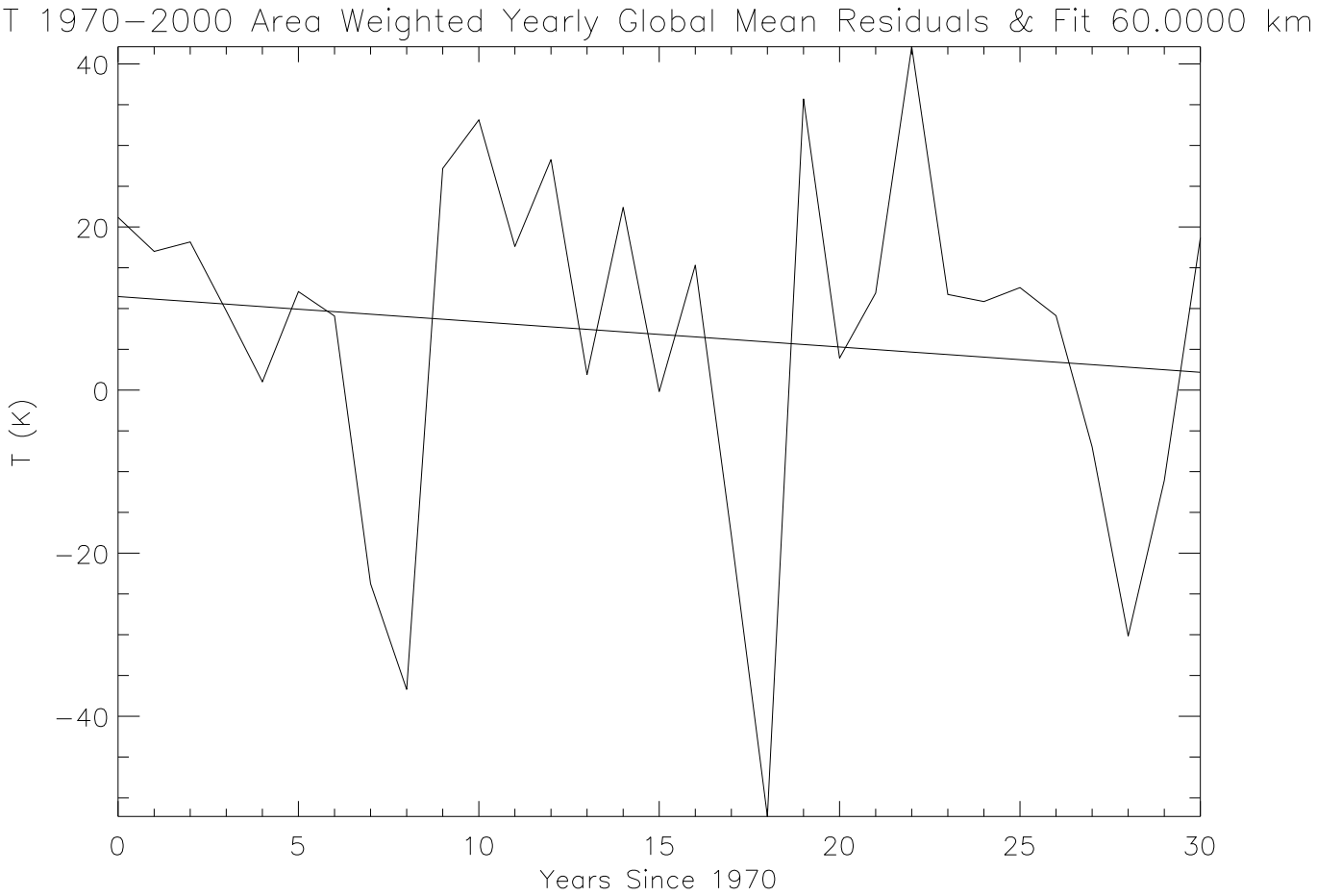

T 1955−2005 Area Weighted Yearly Global Mean Residuals & Fit 65.0000 km
T (K)
40
20
0
−20
−40
0
10
20
30
40
50
Years Since 1955

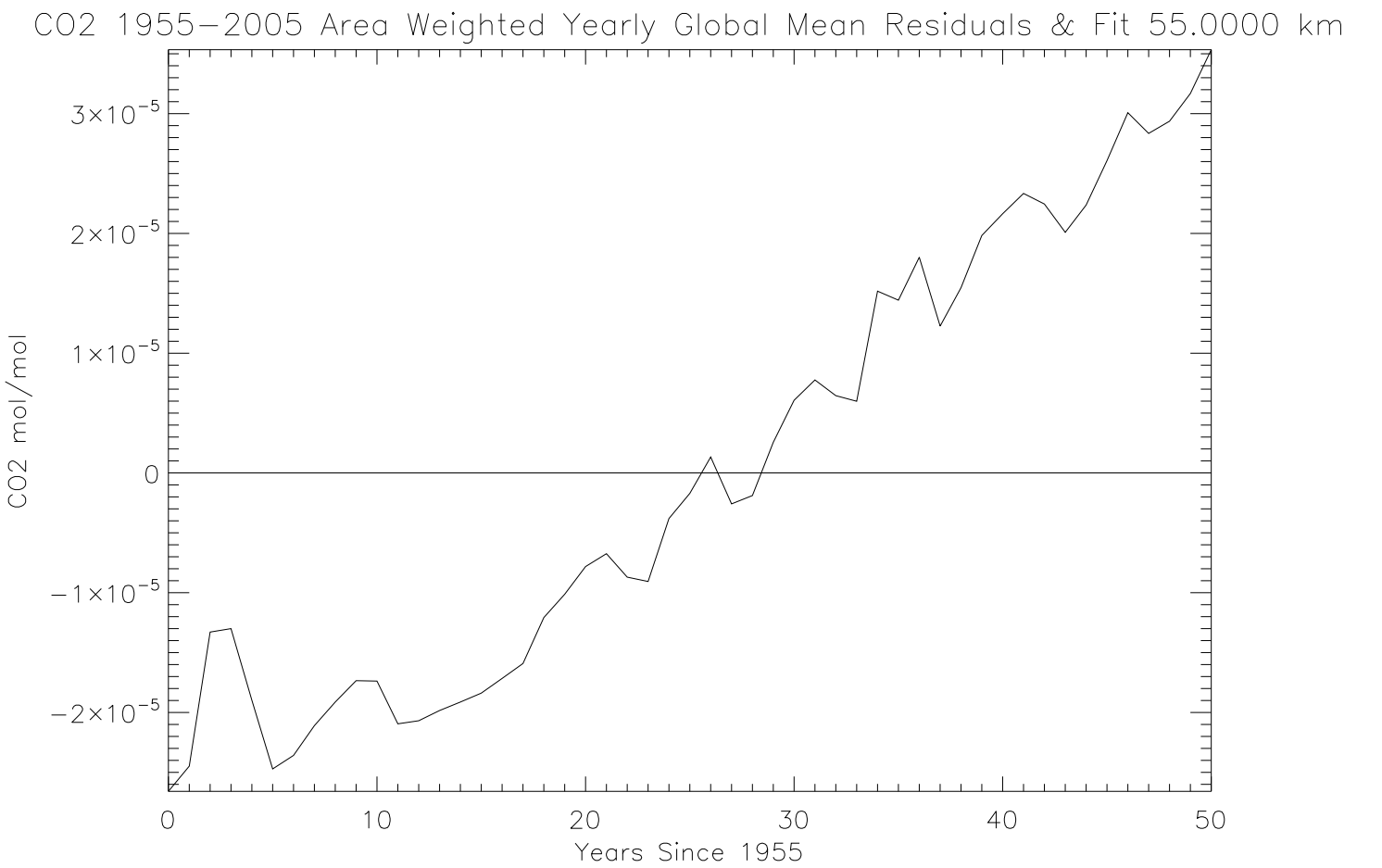

T 1970−2000 Area Weighted Yearly Global Mean Residuals & Fit 65.0000 km
T (K)
40
20
0
−20
−40
0
5
10
15
20
25
30
Years Since 1970

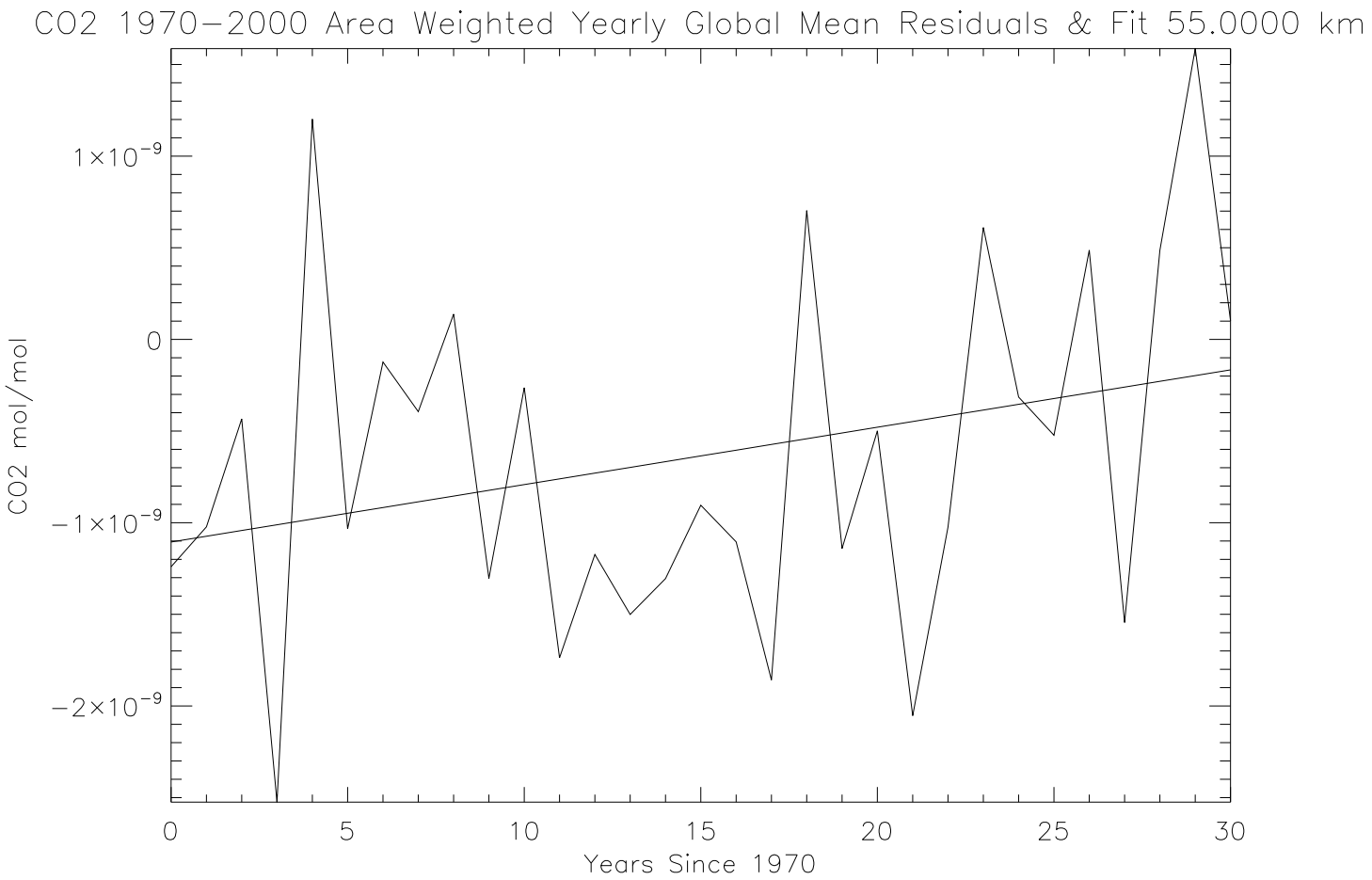

CO2 1955–2005 Area Weighted Yearly Global Mean Residuals & Fit 60.0000 km
3×10⁻⁵
2×10⁻⁵
1×10⁻⁵
0
−1×10⁻⁵
−2×10⁻⁵
CO2 mol/mol
0
10
20
30
40
50
Years Since 1955

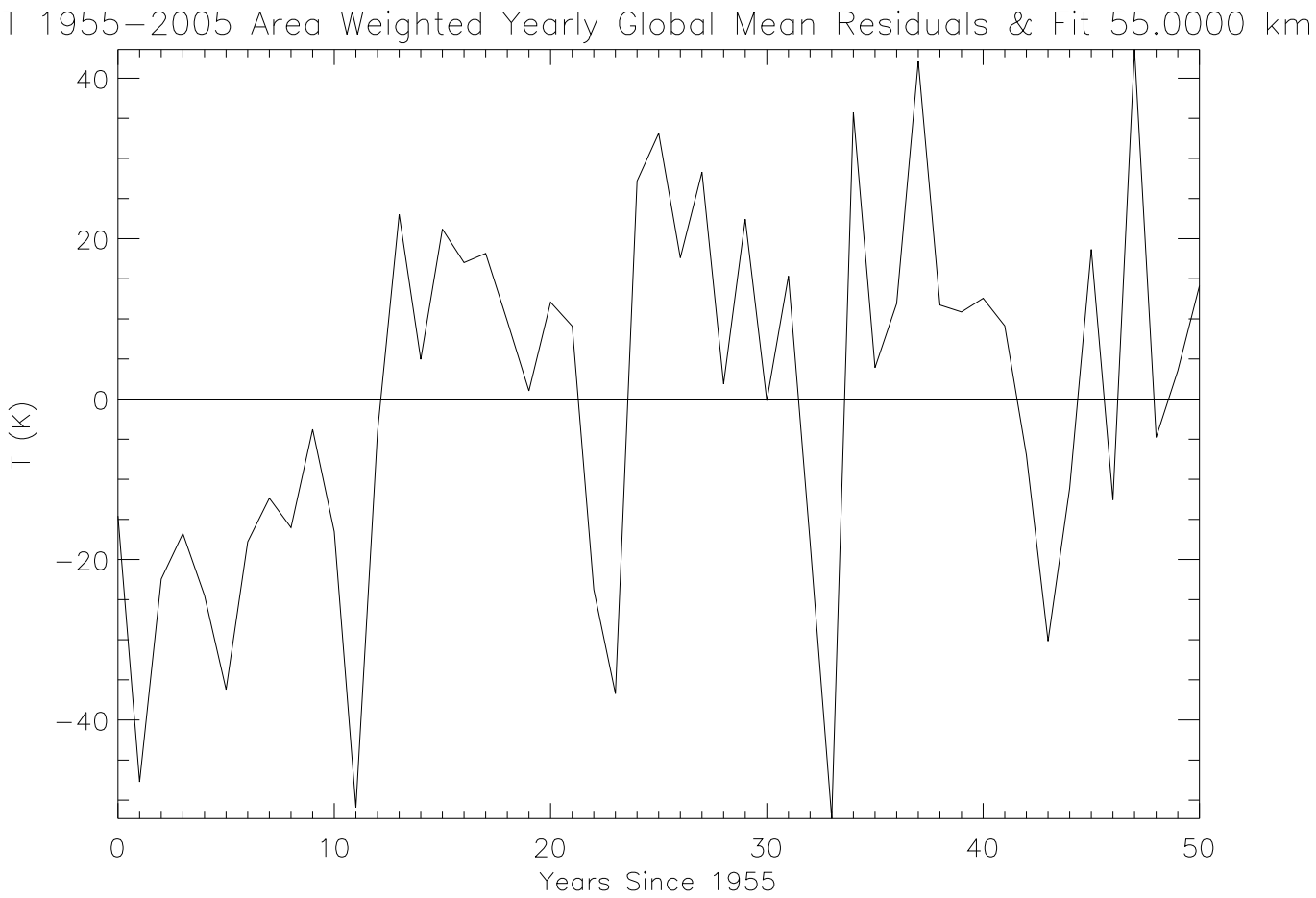

CO2 1970−2000 Area Weighted Yearly Global Mean Residuals & Fit 60.0000 km
1×10⁻⁹
0
−1×10⁻⁹
−2×10⁻⁹
CO2 mol/mol
0
5
10
15
20
25
30
Years Since 1970

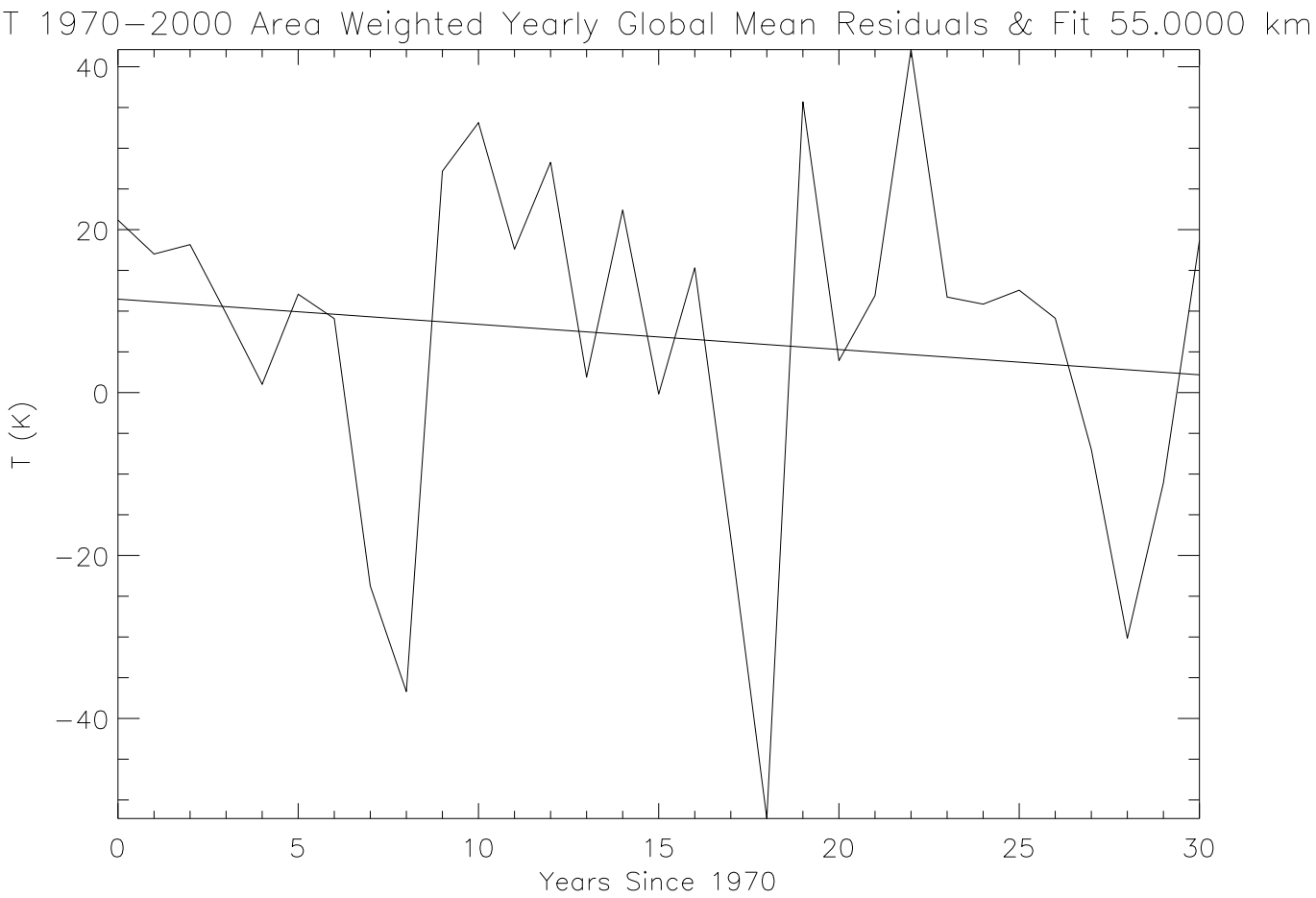

T 1955−2005 Area Weighted Yearly Global Mean Residuals & Fit 60.0000 km
T (K)
40
20
0
−20
−40
0
10
20
30
40
50
Years Since 1955

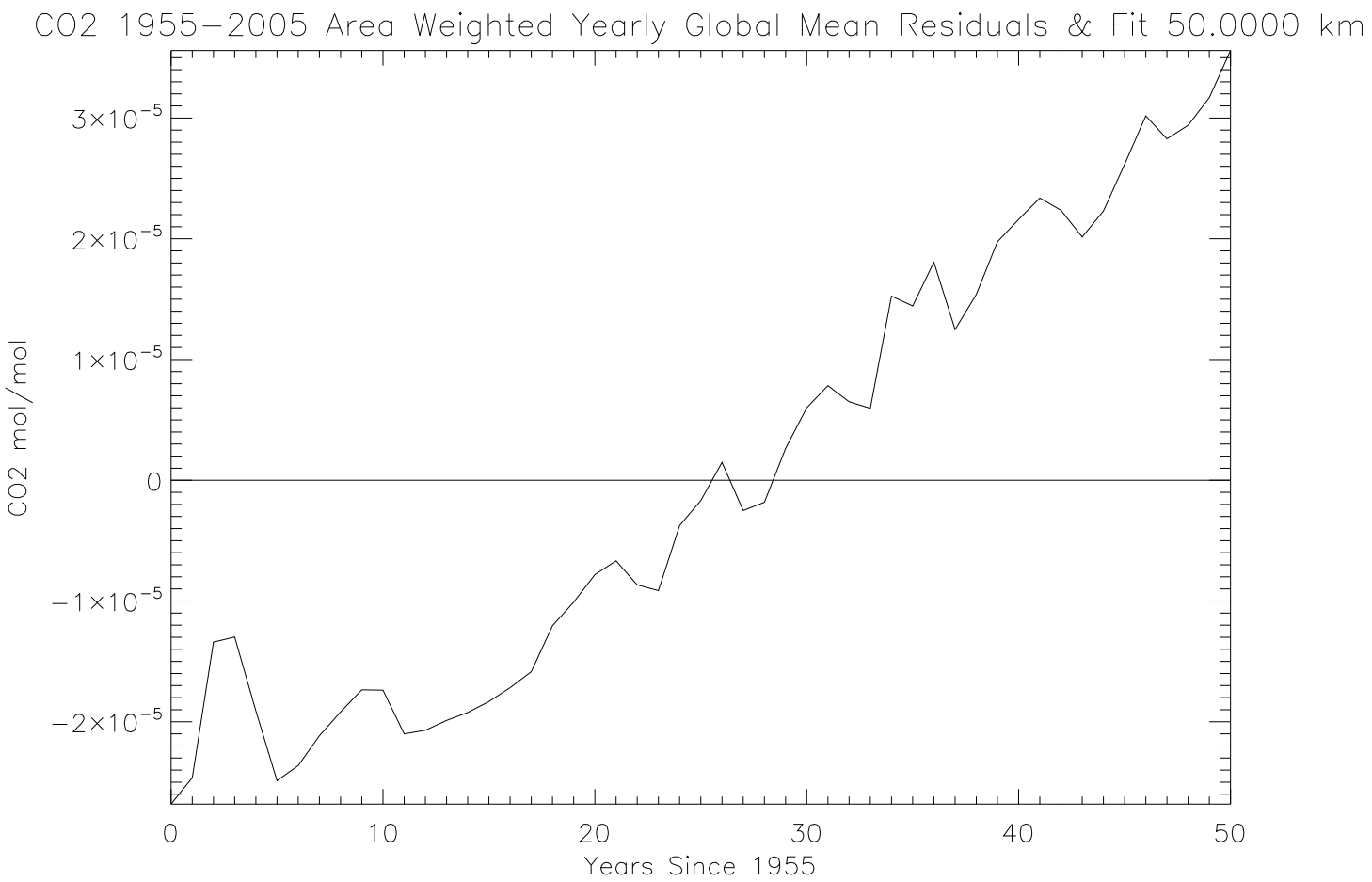

T 1970−2000 Area Weighted Yearly Global Mean Residuals & Fit 60.0000 km
T (K)
40
20
0
−20
−40
0
5
10
15
20
25
30
Years Since 1970

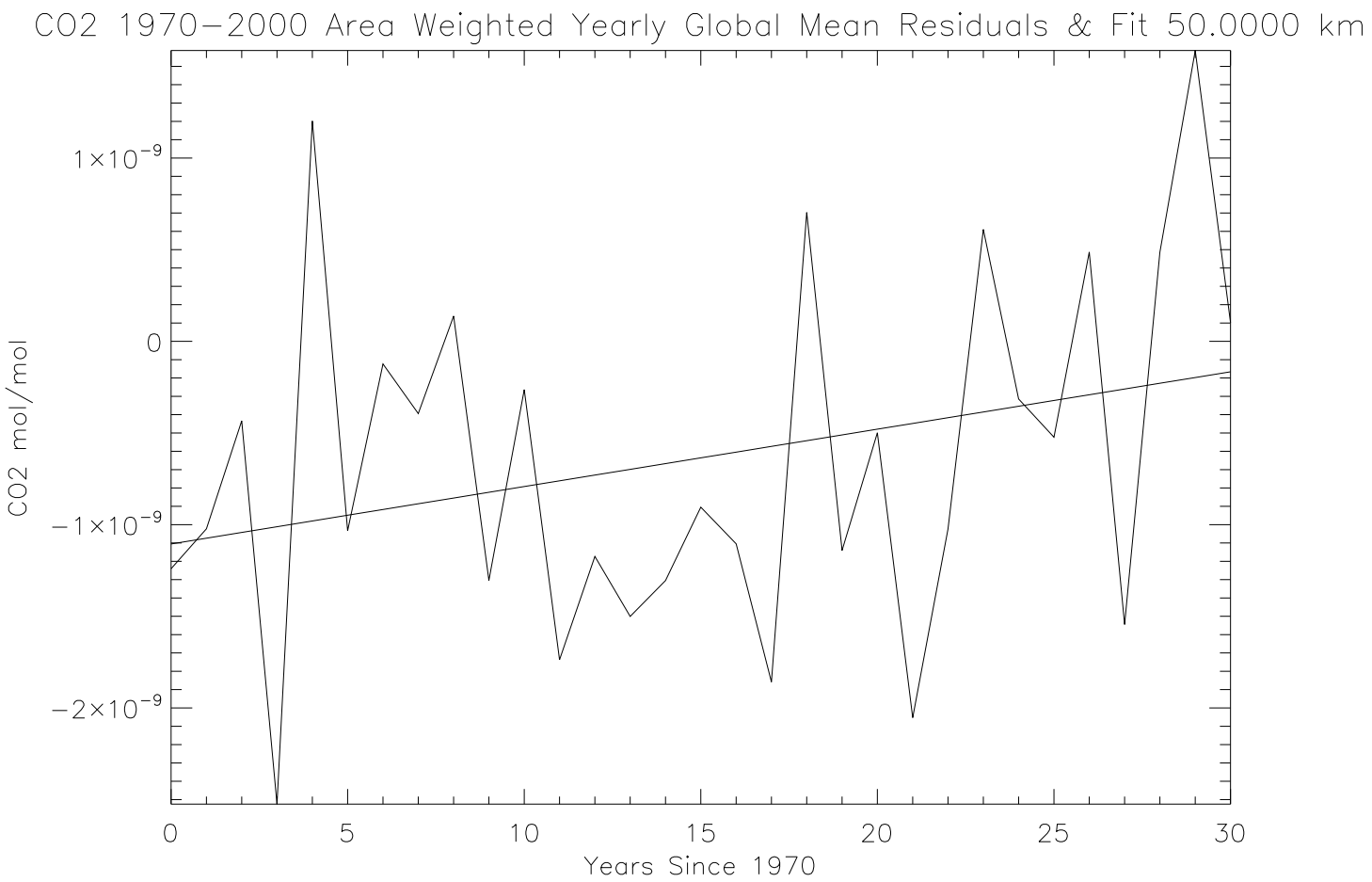

CO2 1955–2005 Area Weighted Yearly Global Mean Residuals & Fit 55.0000 km
3×10⁻⁵
2×10⁻⁵
1×10⁻⁵
0
−1×10⁻⁵
−2×10⁻⁵
CO2 mol/mol
0
10
20
30
40
50
Years Since 1955

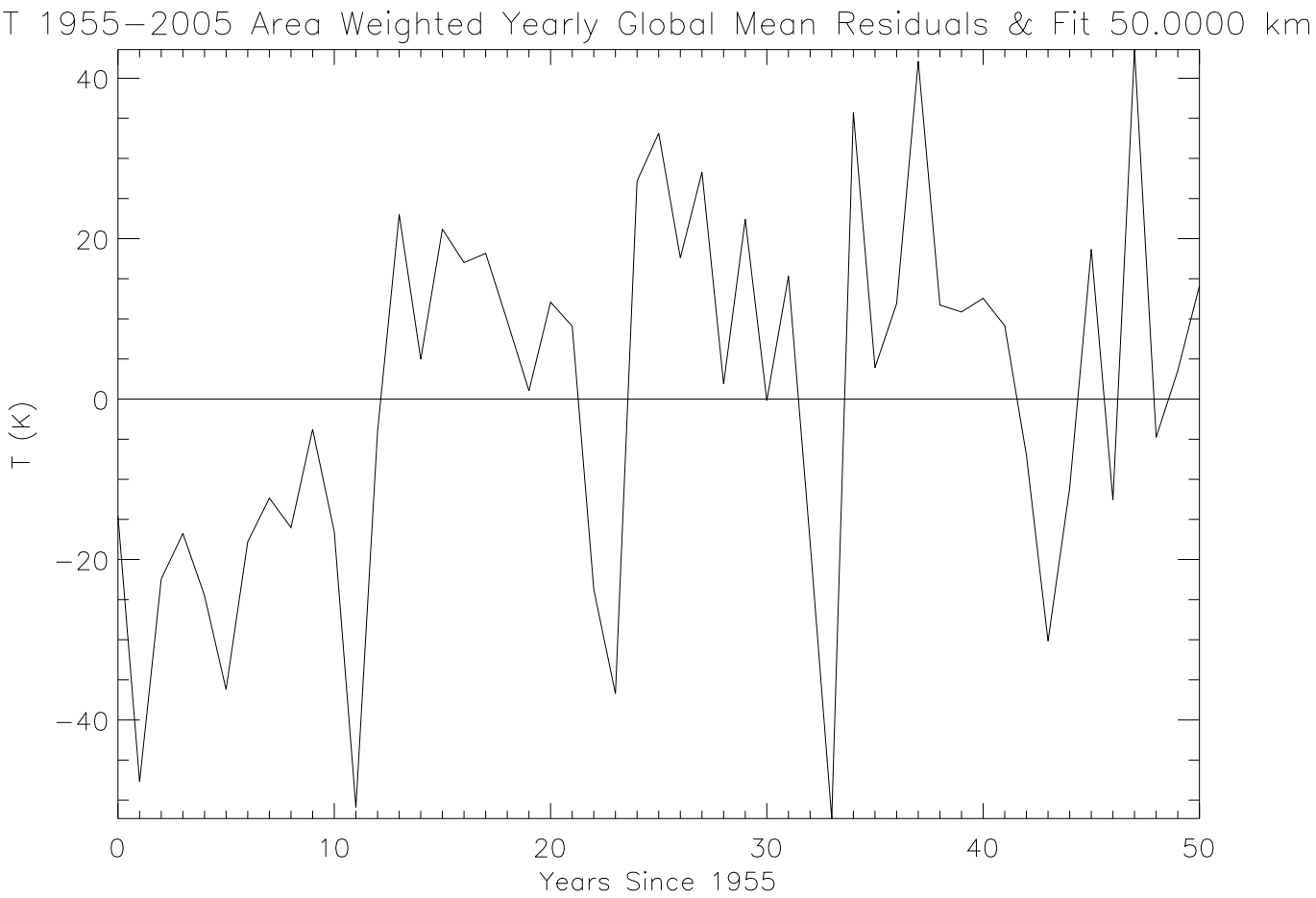

CO2 1970−2000 Area Weighted Yearly Global Mean Residuals & Fit 55.0000 km
1×10⁻⁹
0
−1×10⁻⁹
−2×10⁻⁹
CO2 mol/mol
0
5
10
15
20
25
30
Years Since 1970

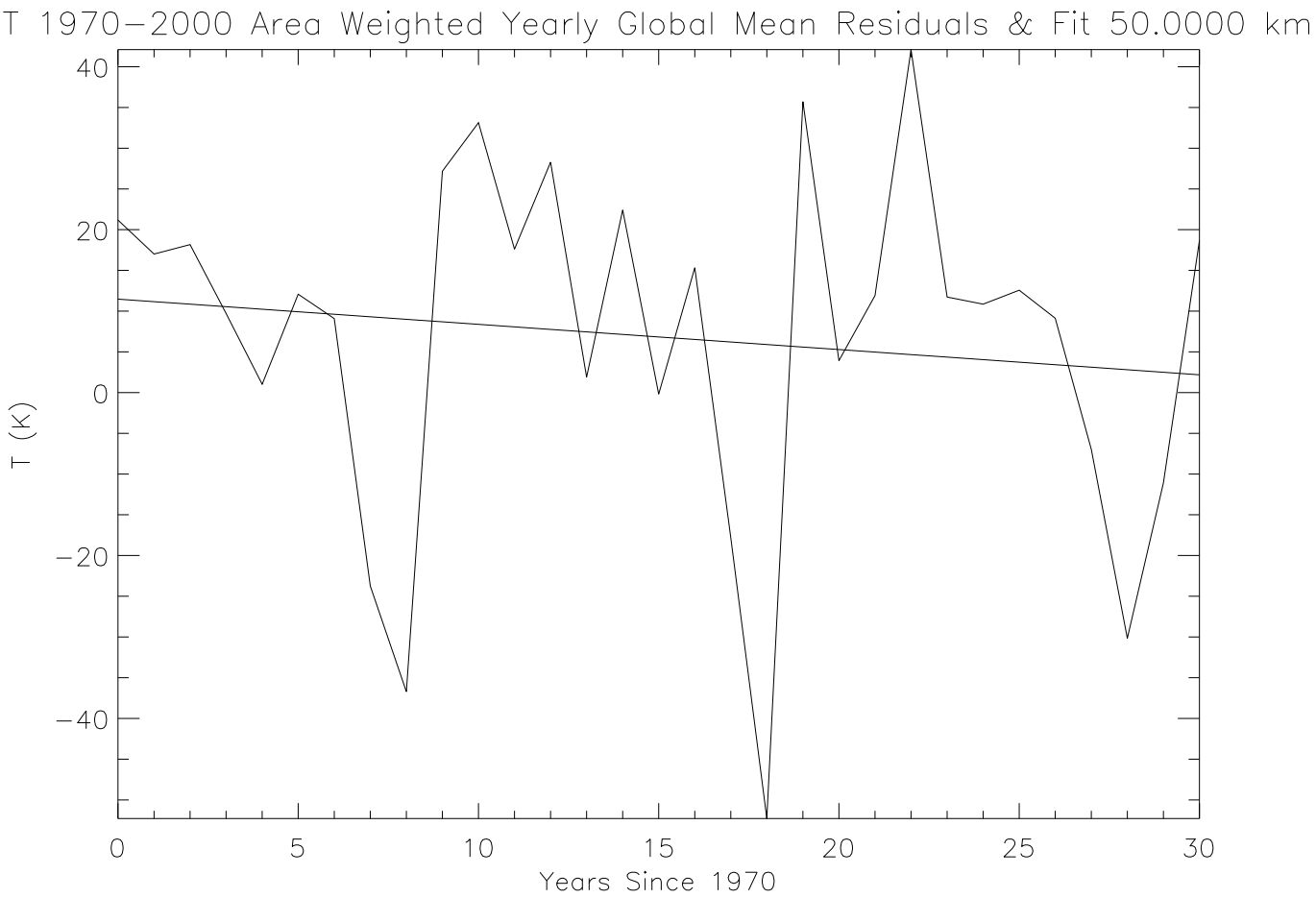

T 1955−2005 Area Weighted Yearly Global Mean Residuals & Fit 55.0000 km
T (K)
40
20
0
−20
−40
0
10
20
30
40
50
Years Since 1955

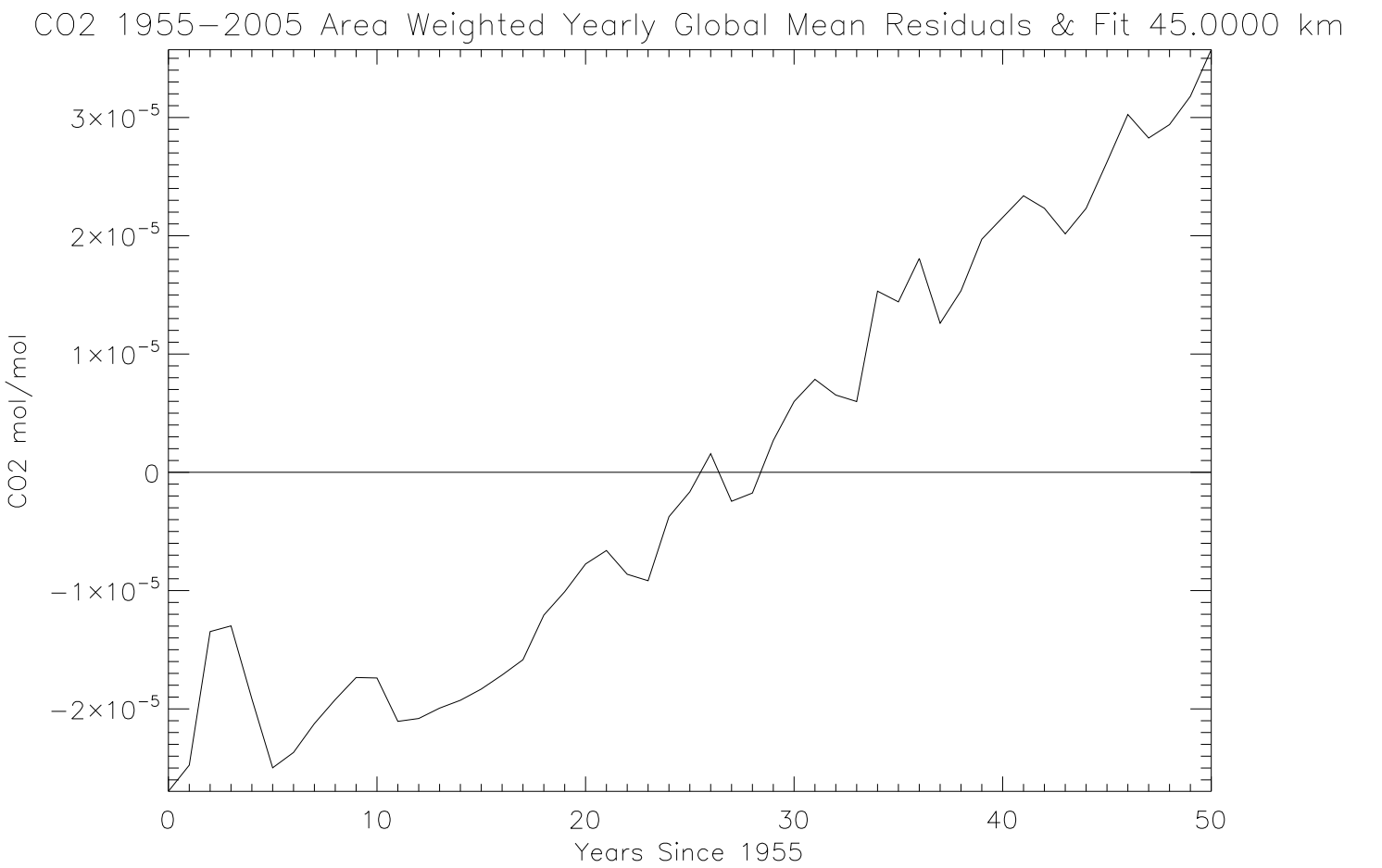

T 1970−2000 Area Weighted Yearly Global Mean Residuals & Fit 55.0000 km
T (K)
40
20
0
−20
−40
0
5
10
15
20
25
30
Years Since 1970

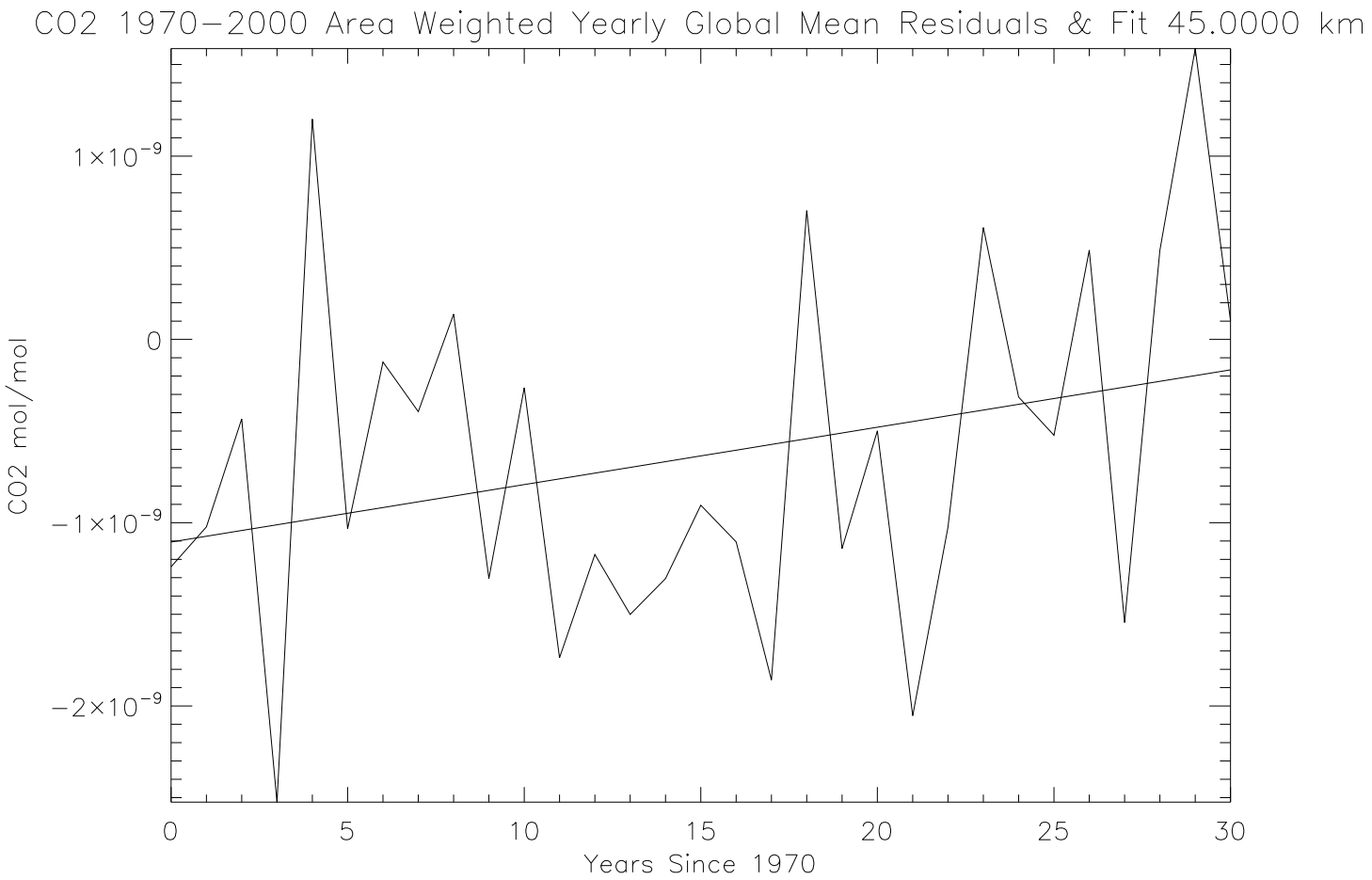

CO2 1955–2005 Area Weighted Yearly Global Mean Residuals & Fit 50.0000 km
3×10⁻⁵
2×10⁻⁵
1×10⁻⁵
0
−1×10⁻⁵
−2×10⁻⁵
CO2 mol/mol
0
10
20
30
40
50
Years Since 1955

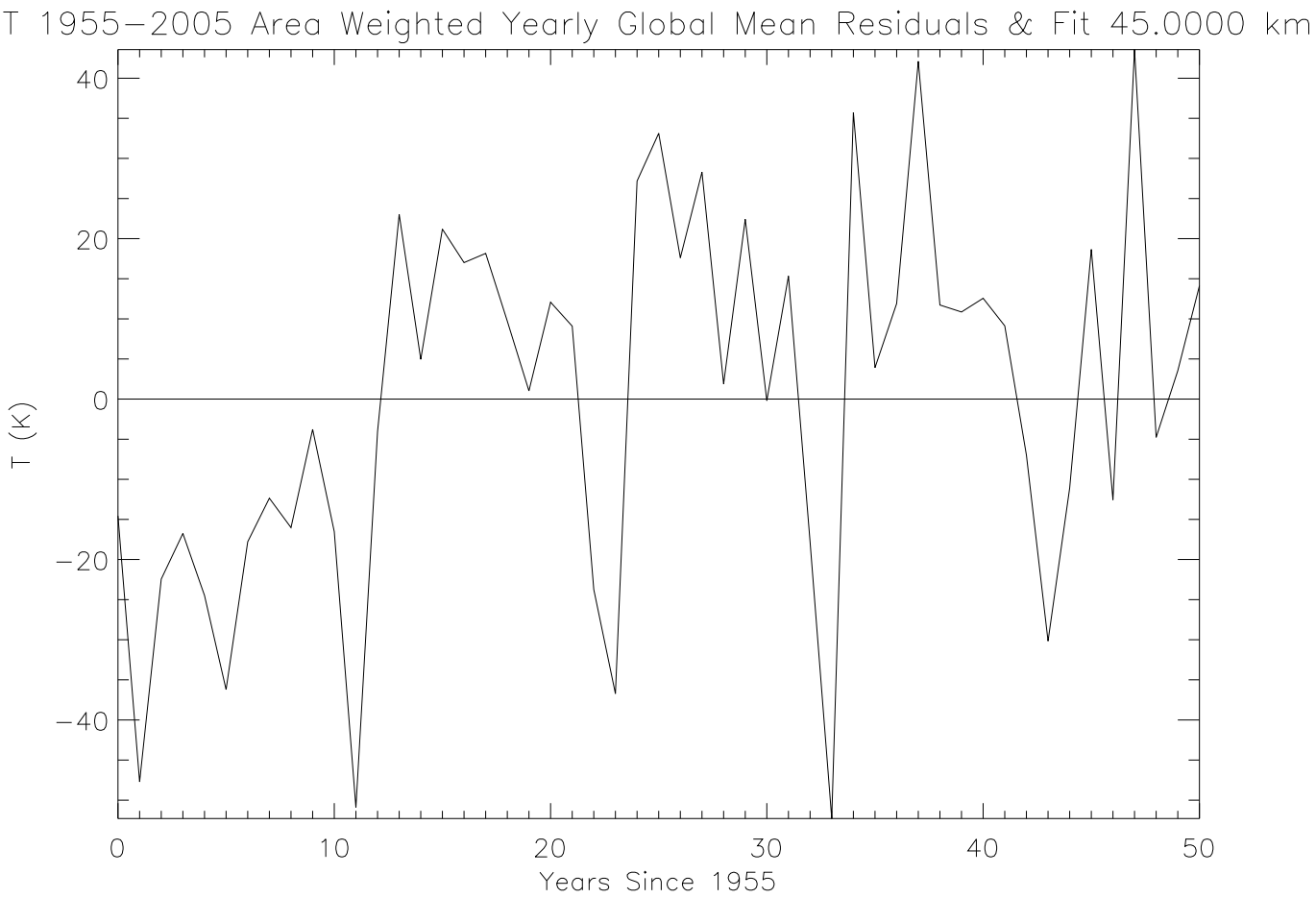

CO2 1970−2000 Area Weighted Yearly Global Mean Residuals & Fit 50.0000 km
1×10⁻⁹
0
−1×10⁻⁹
−2×10⁻⁹
CO2 mol/mol
0
5
10
15
20
25
30
Years Since 1970

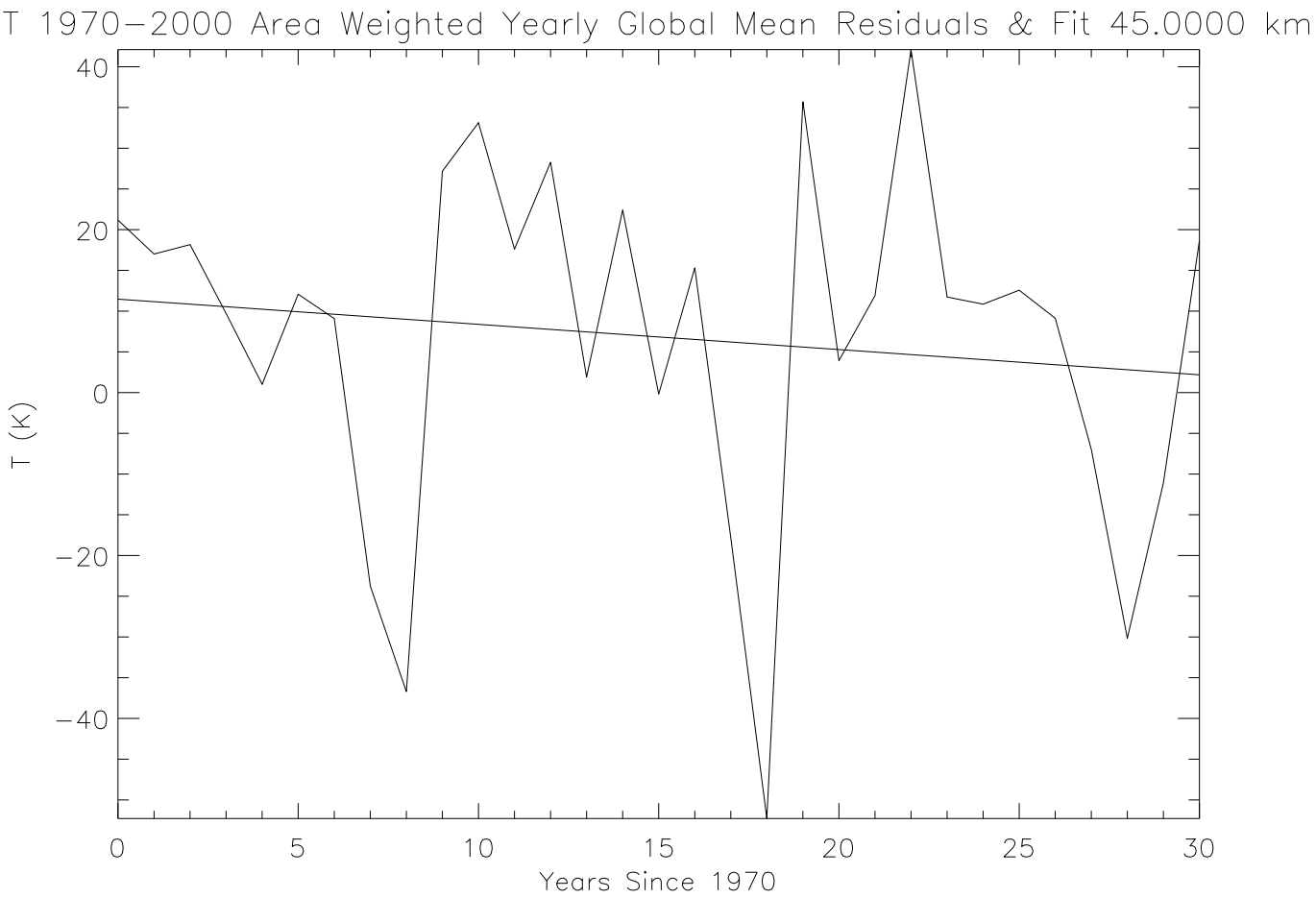

T 1955–2005 Area Weighted Yearly Global Mean Residuals & Fit 50.0000 km
T (K)
40
20
0
−20
−40
0
10
20
30
40
50
Years Since 1955

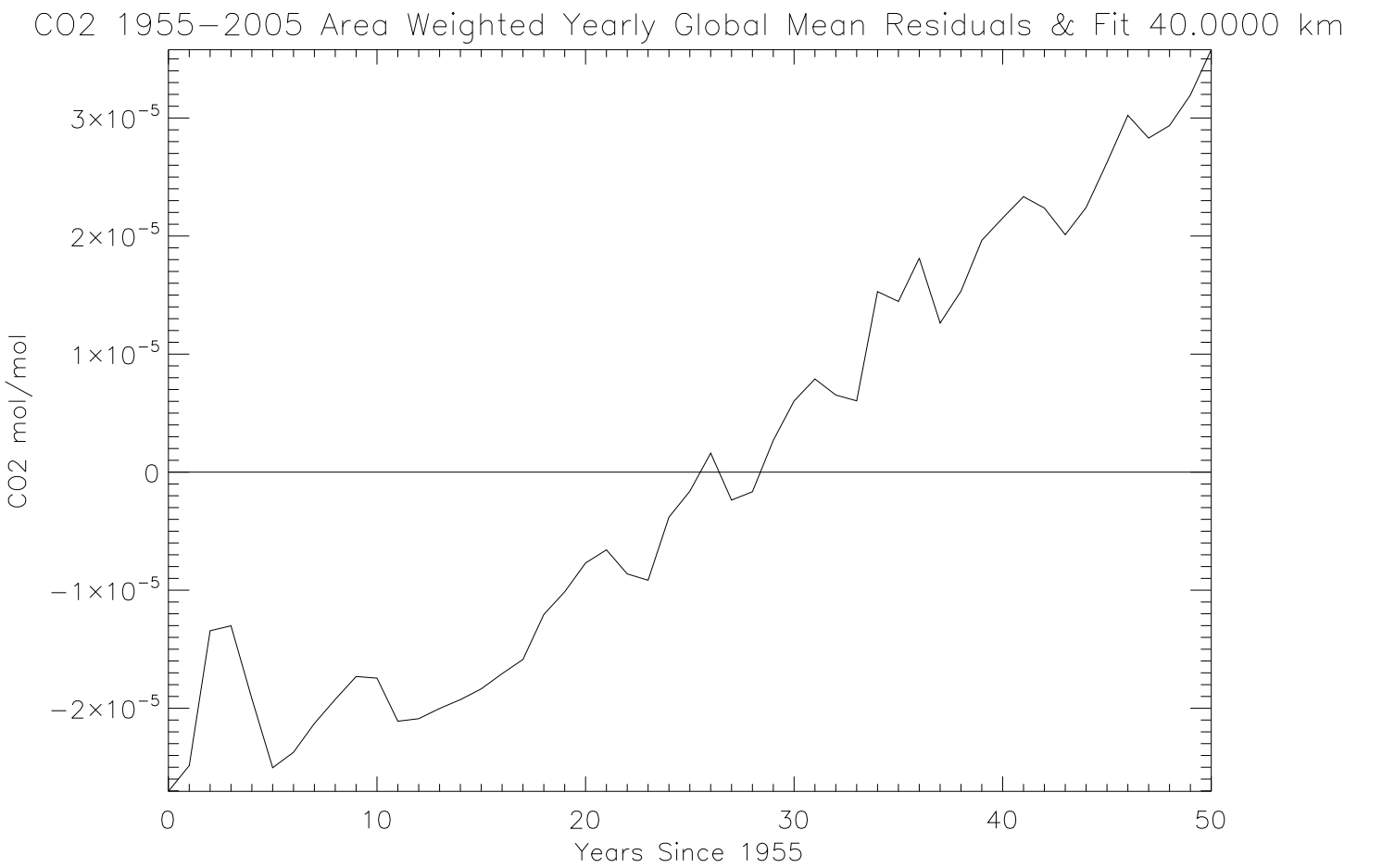

T 1970−2000 Area Weighted Yearly Global Mean Residuals & Fit 50.0000 km
T (K)
40
20
0
−20
−40
0
5
10
15
20
25
30
Years Since 1970

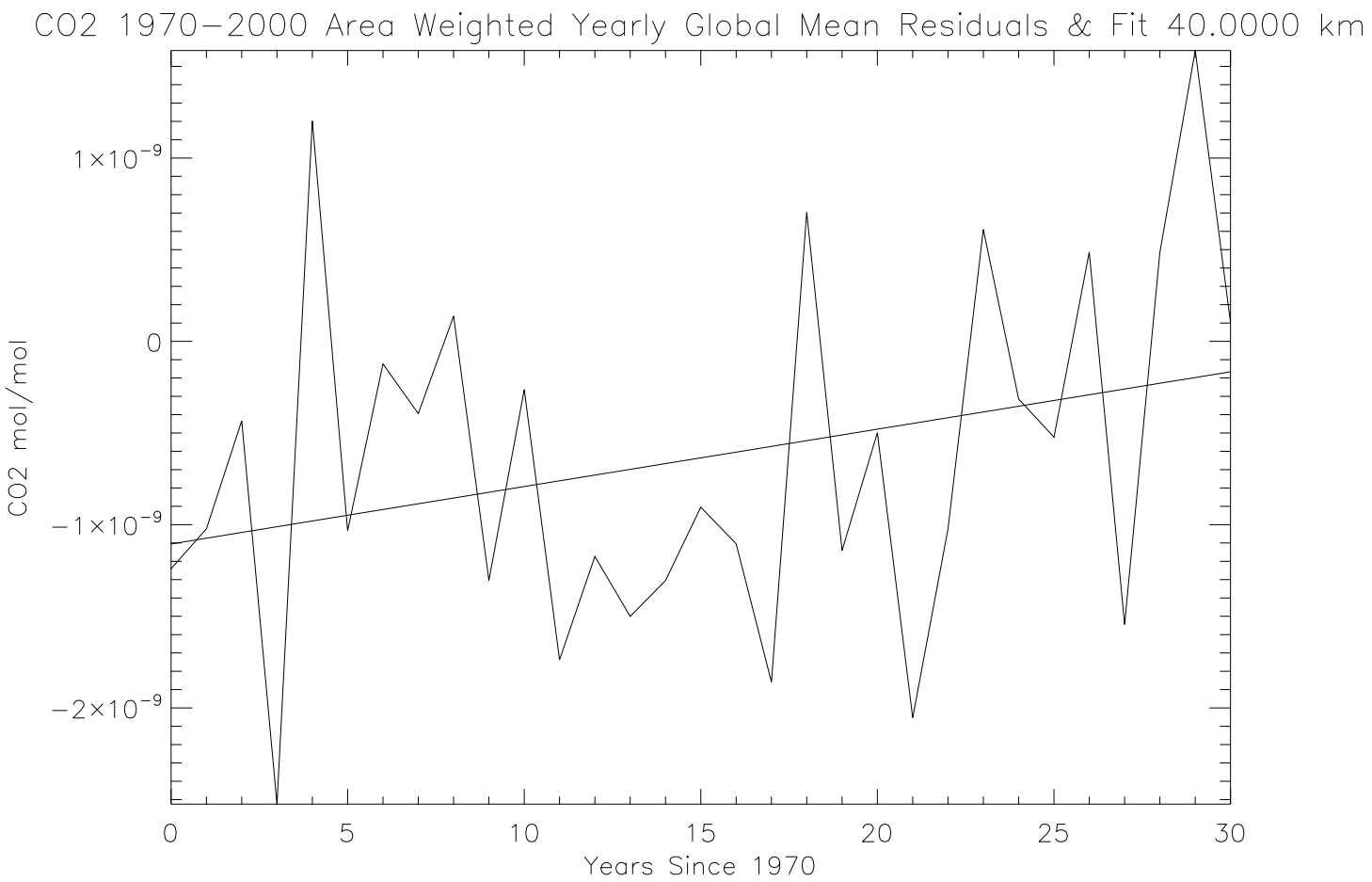

CO2 1955–2005 Area Weighted Yearly Global Mean Residuals & Fit 45.0000 km
3×10⁻⁵
2×10⁻⁵
1×10⁻⁵
0
−1×10⁻⁵
−2×10⁻⁵
CO2 mol/mol
0
10
20
30
40
50
Years Since 1955

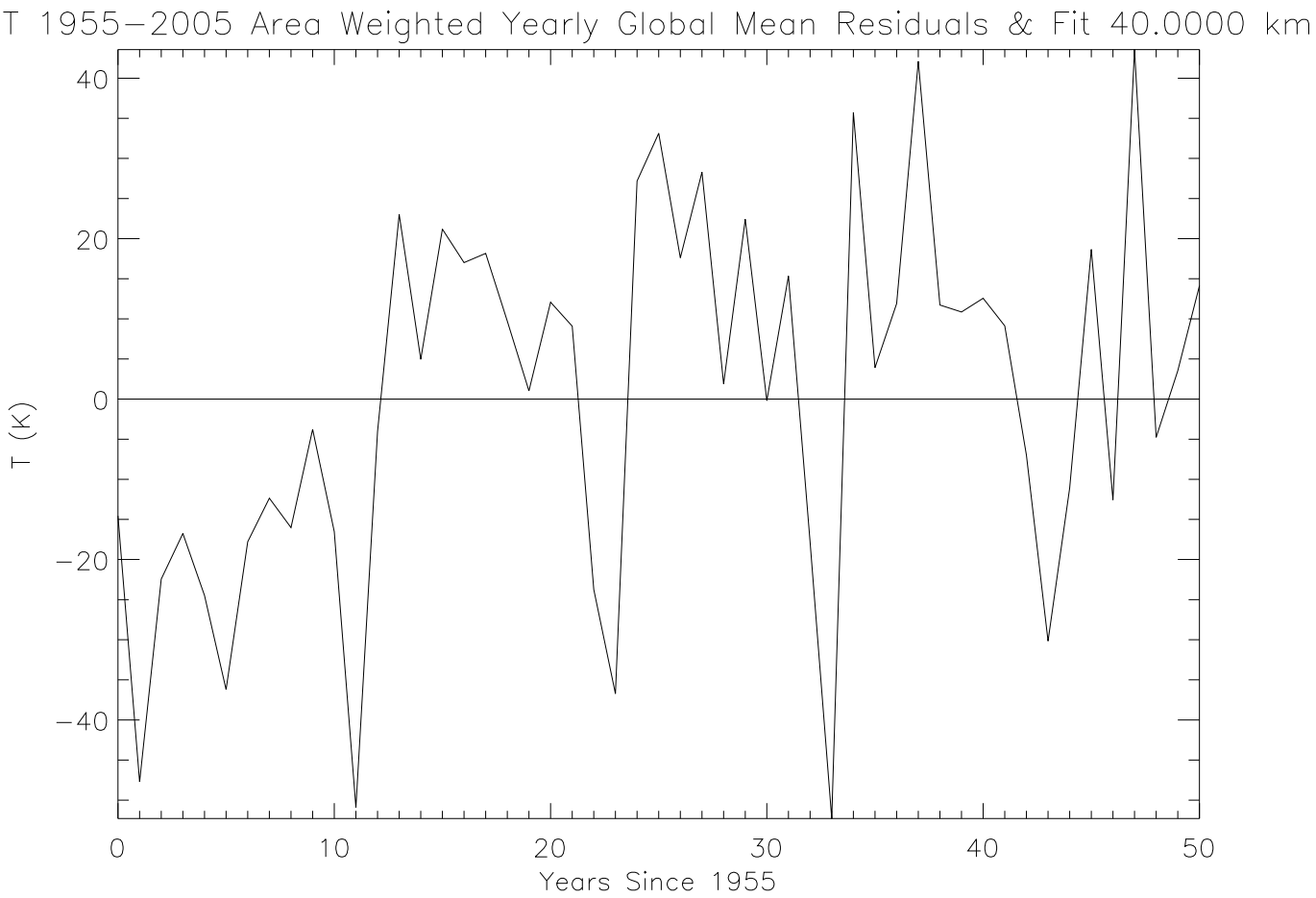

CO2 1970−2000 Area Weighted Yearly Global Mean Residuals & Fit 45.0000 km
1×10⁻⁹
0
−1×10⁻⁹
−2×10⁻⁹
CO2 mol/mol
0
5
10
15
20
25
30
Years Since 1970

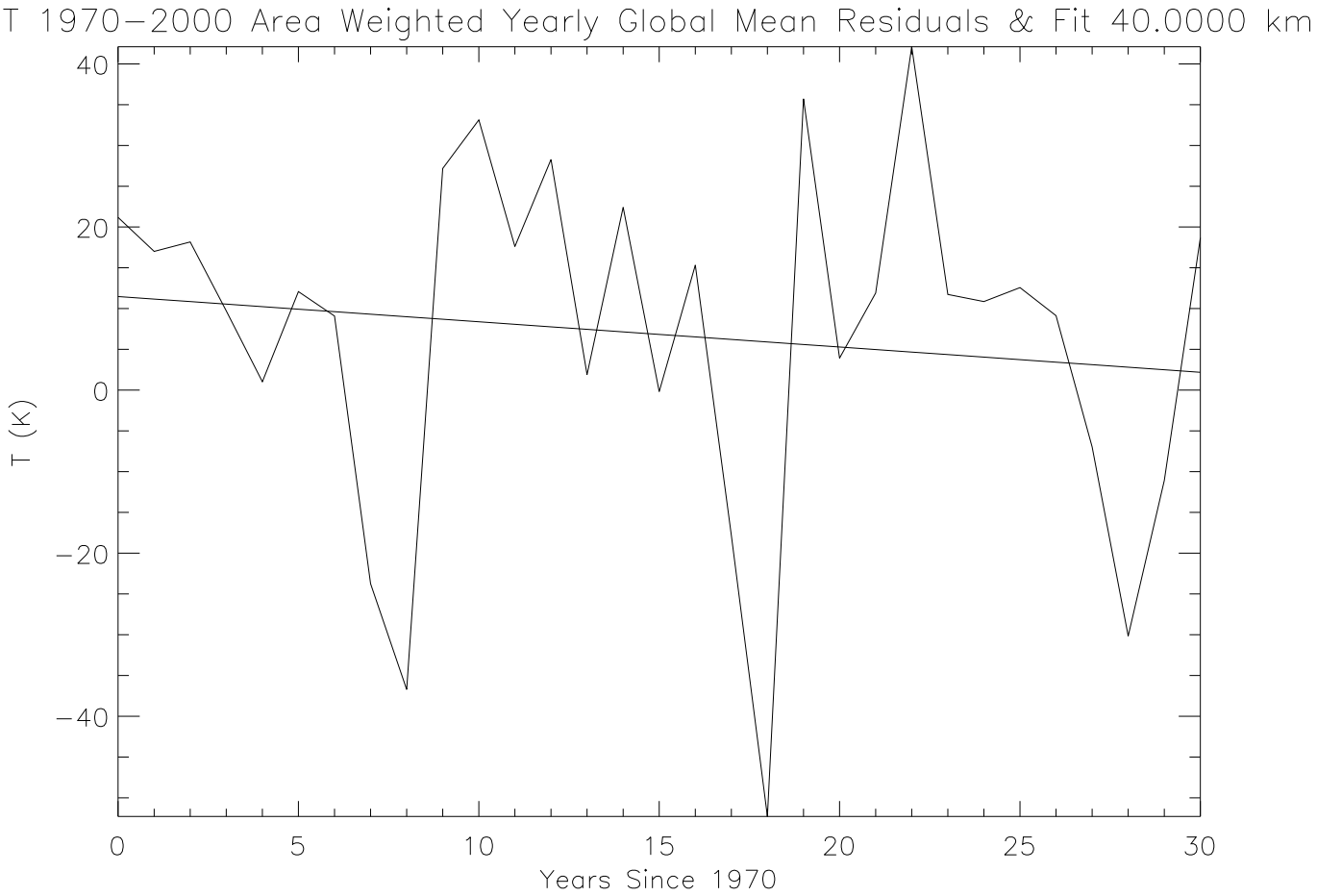

T 1955−2005 Area Weighted Yearly Global Mean Residuals & Fit 45.0000 km
T (K)
40
20
0
−20
−40
0
10
20
30
40
50
Years Since 1955

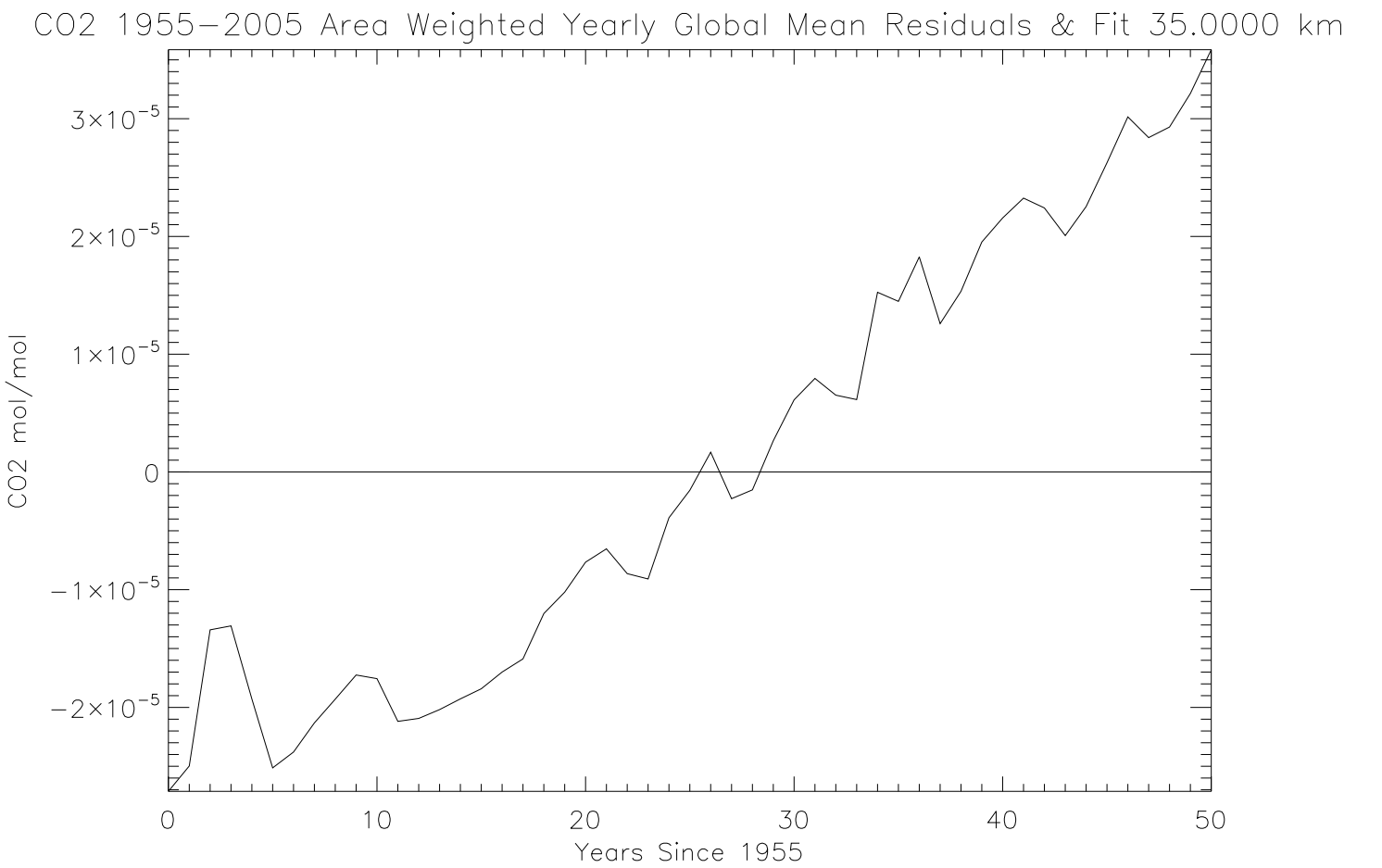

T 1970−2000 Area Weighted Yearly Global Mean Residuals & Fit 45.0000 km
T (K)
40
20
0
−20
−40
0
5
10
15
20
25
30
Years Since 1970

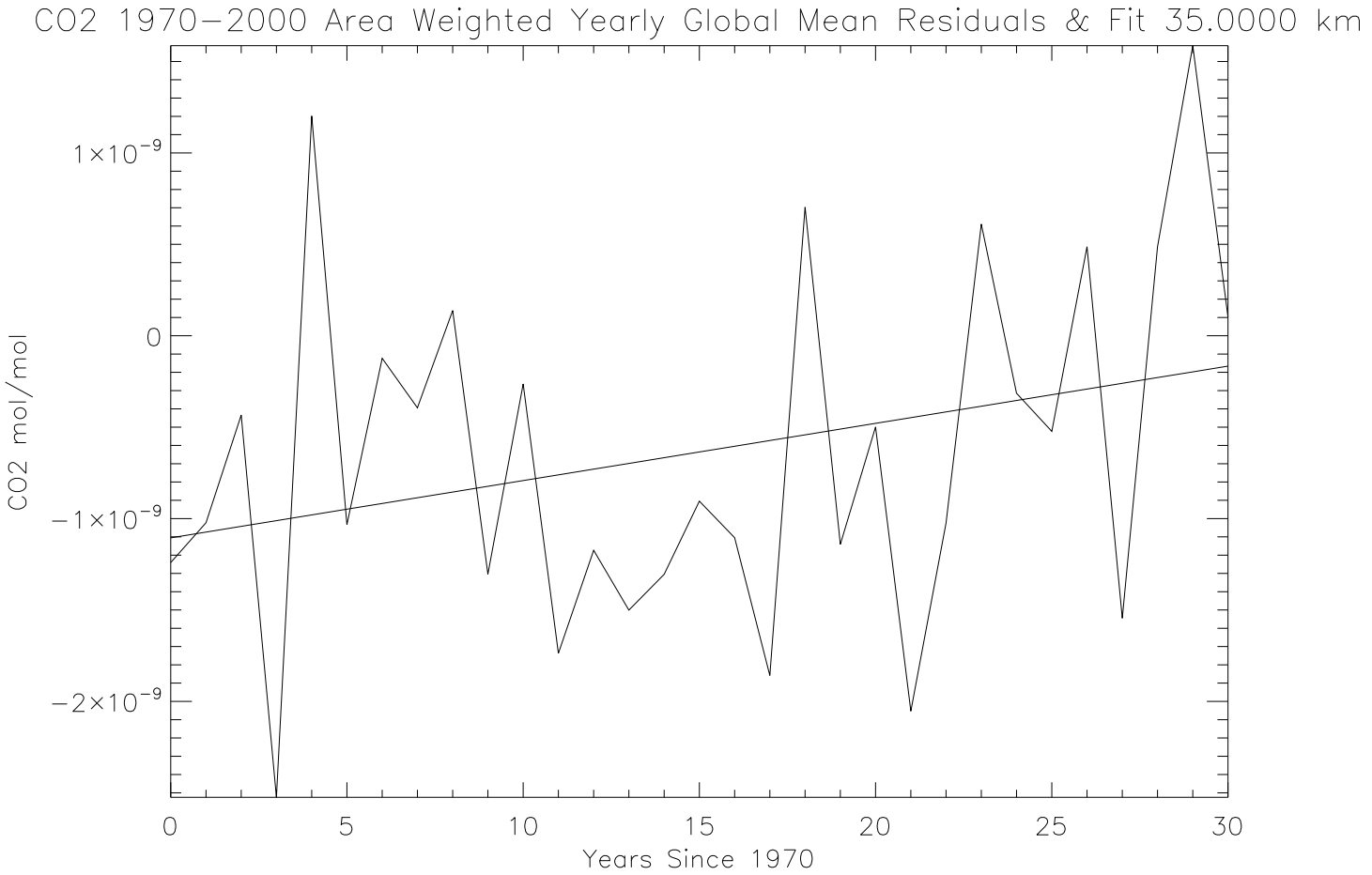

CO2 1955–2005 Area Weighted Yearly Global Mean Residuals & Fit 40.0000 km
3×10⁻⁵
2×10⁻⁵
1×10⁻⁵
0
−1×10⁻⁵
−2×10⁻⁵
CO2 mol/mol
0
10
20
30
40
50
Years Since 1955

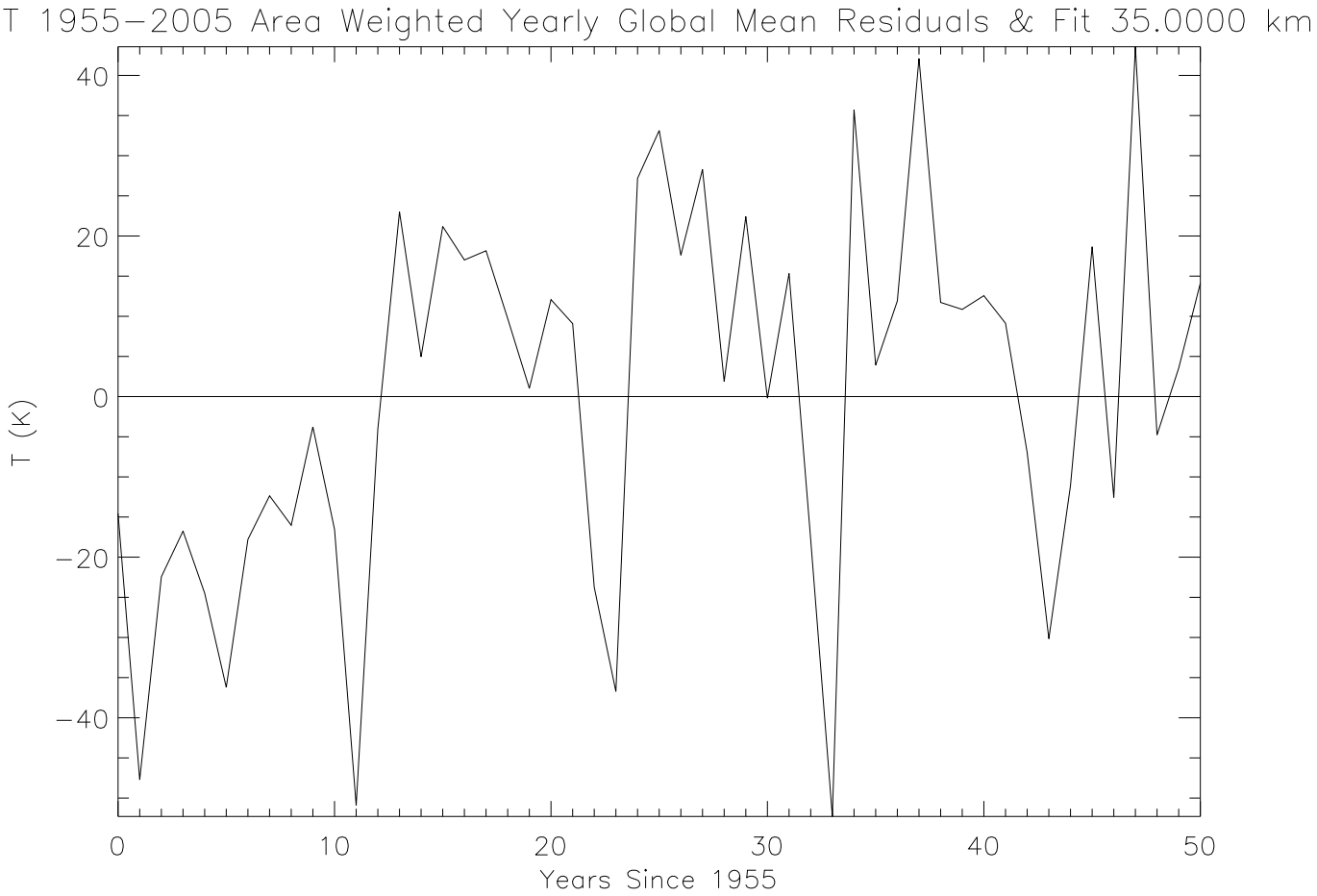

CO2 1970−2000 Area Weighted Yearly Global Mean Residuals & Fit 40.0000 km
1×10⁻⁹
0
−1×10⁻⁹
−2×10⁻⁹
CO2 mol/mol
0
5
10
15
20
25
30
Years Since 1970

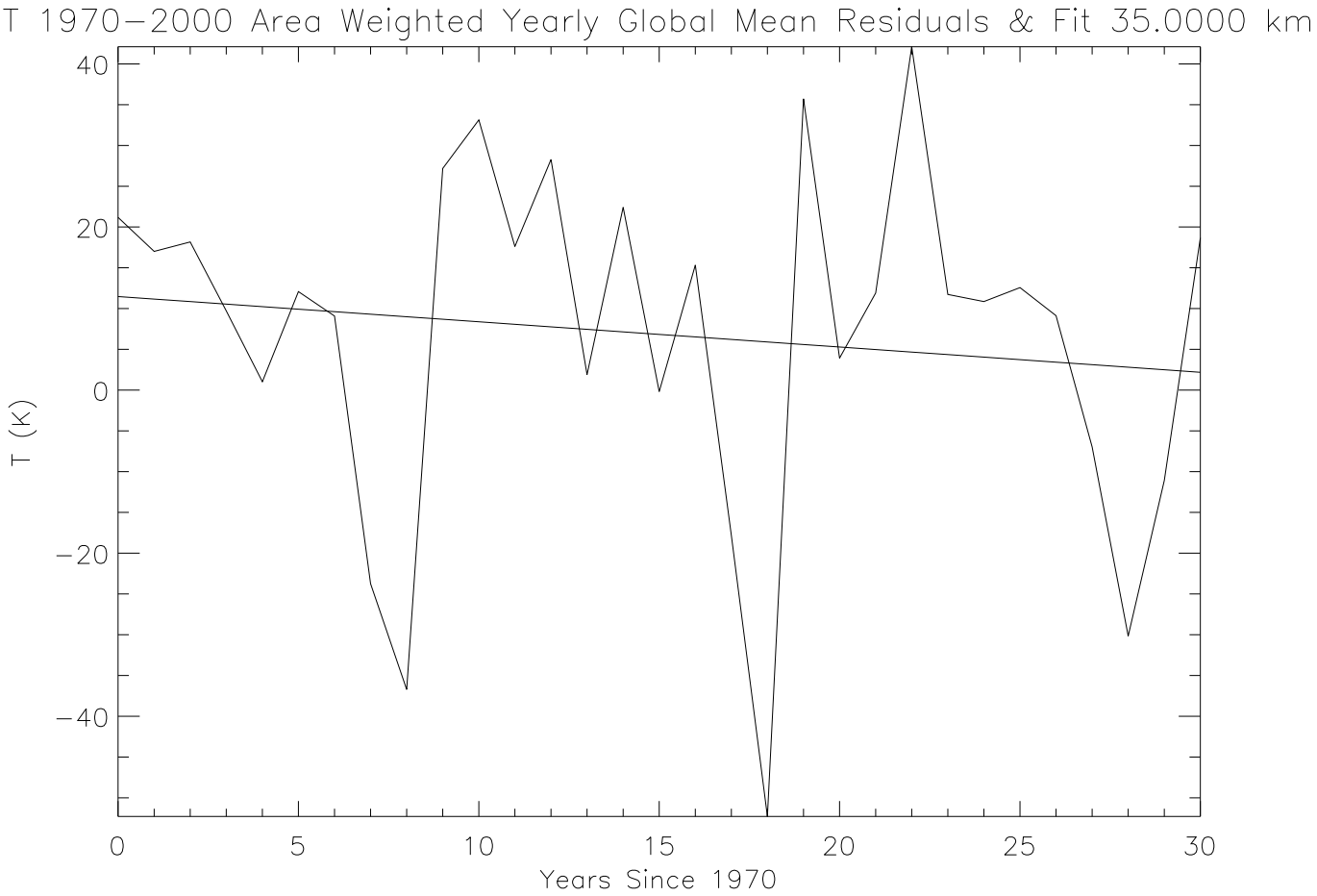

T 1955−2005 Area Weighted Yearly Global Mean Residuals & Fit 40.0000 km
T (K)
40
20
0
−20
−40
0
10
20
30
40
50
Years Since 1955

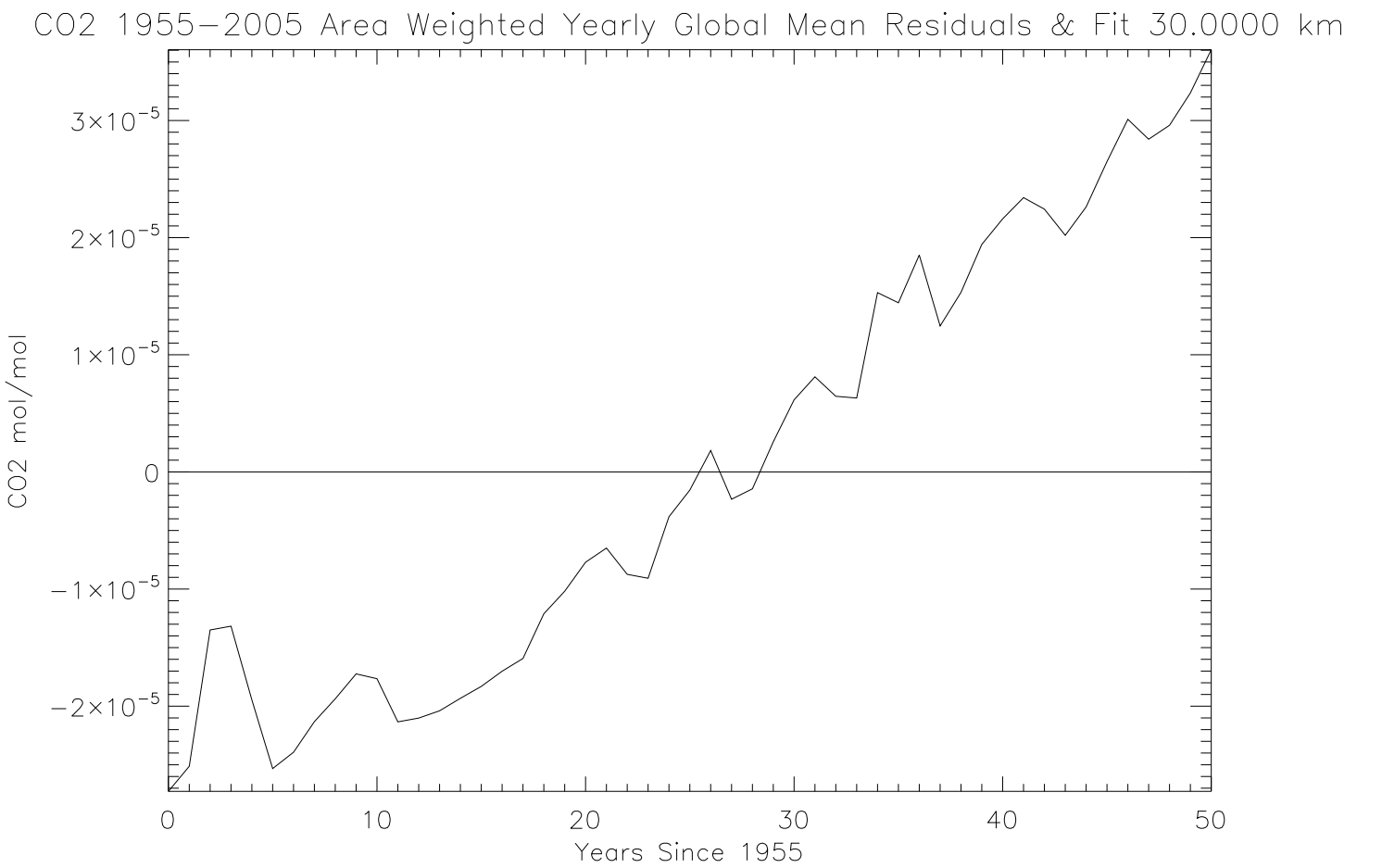

T 1970−2000 Area Weighted Yearly Global Mean Residuals & Fit 40.0000 km
40
20
0
−20
−40
T (K)
0
5
10
15
20
25
30
Years Since 1970

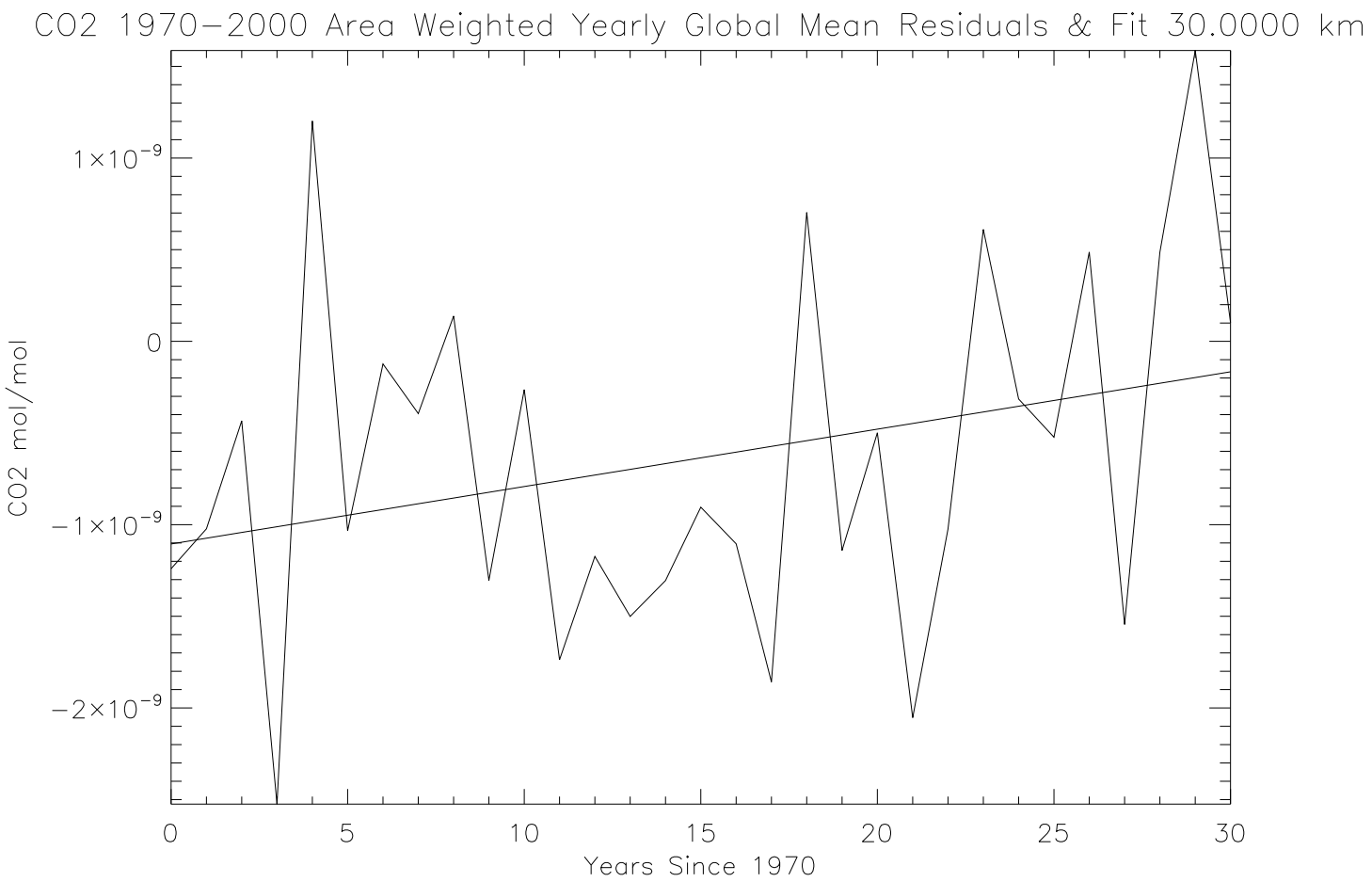

CO2 1955–2005 Area Weighted Yearly Global Mean Residuals & Fit 35.0000 km
3×10⁻⁵
2×10⁻⁵
1×10⁻⁵
0
−1×10⁻⁵
−2×10⁻⁵
CO2 mol/mol
0
10
20
30
40
50
Years Since 1955

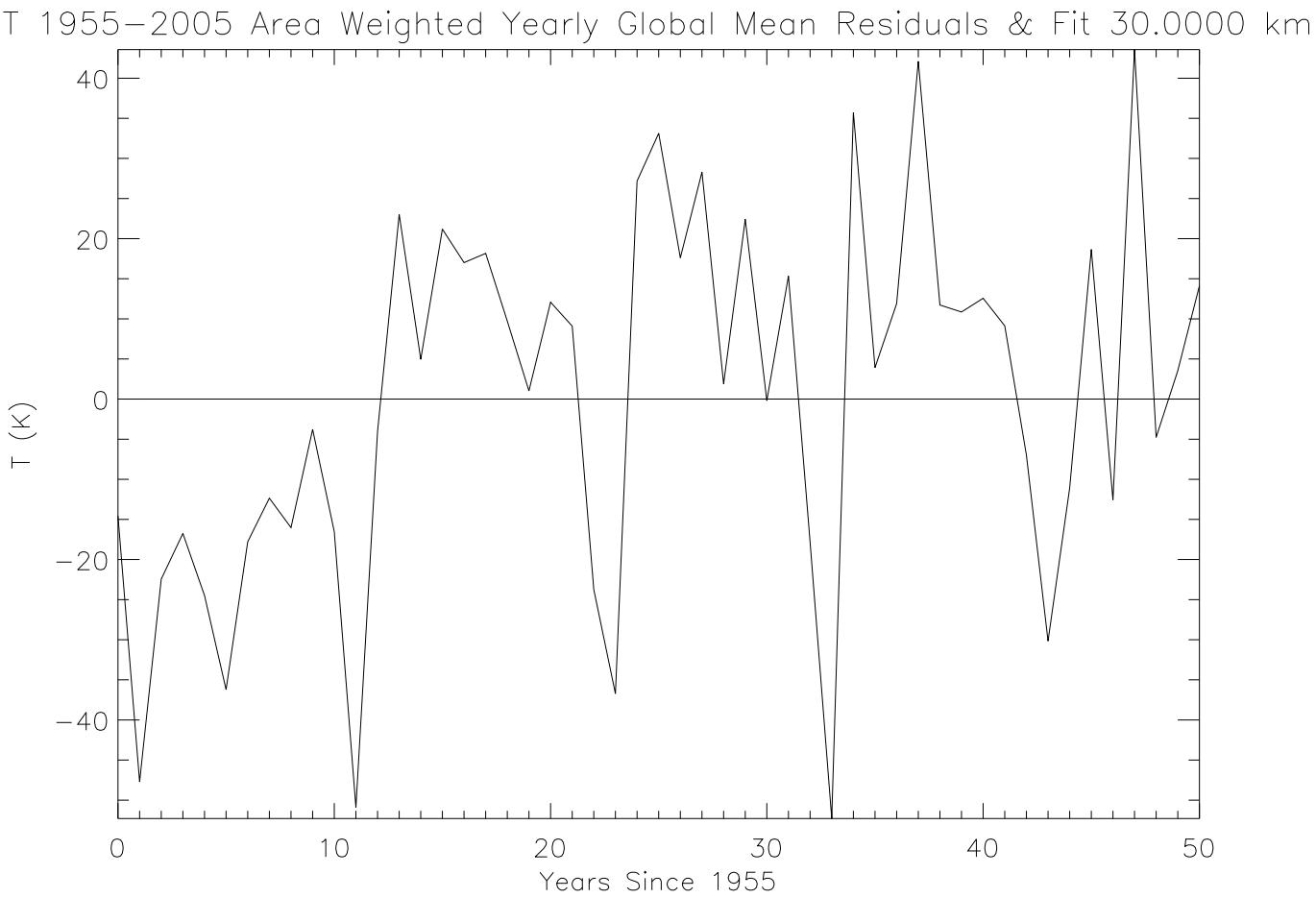

CO2 1970−2000 Area Weighted Yearly Global Mean Residuals & Fit 35.0000 km
1×10⁻⁹
0
−1×10⁻⁹
−2×10⁻⁹
CO2 mol/mol
0
5
10
15
20
25
30
Years Since 1970

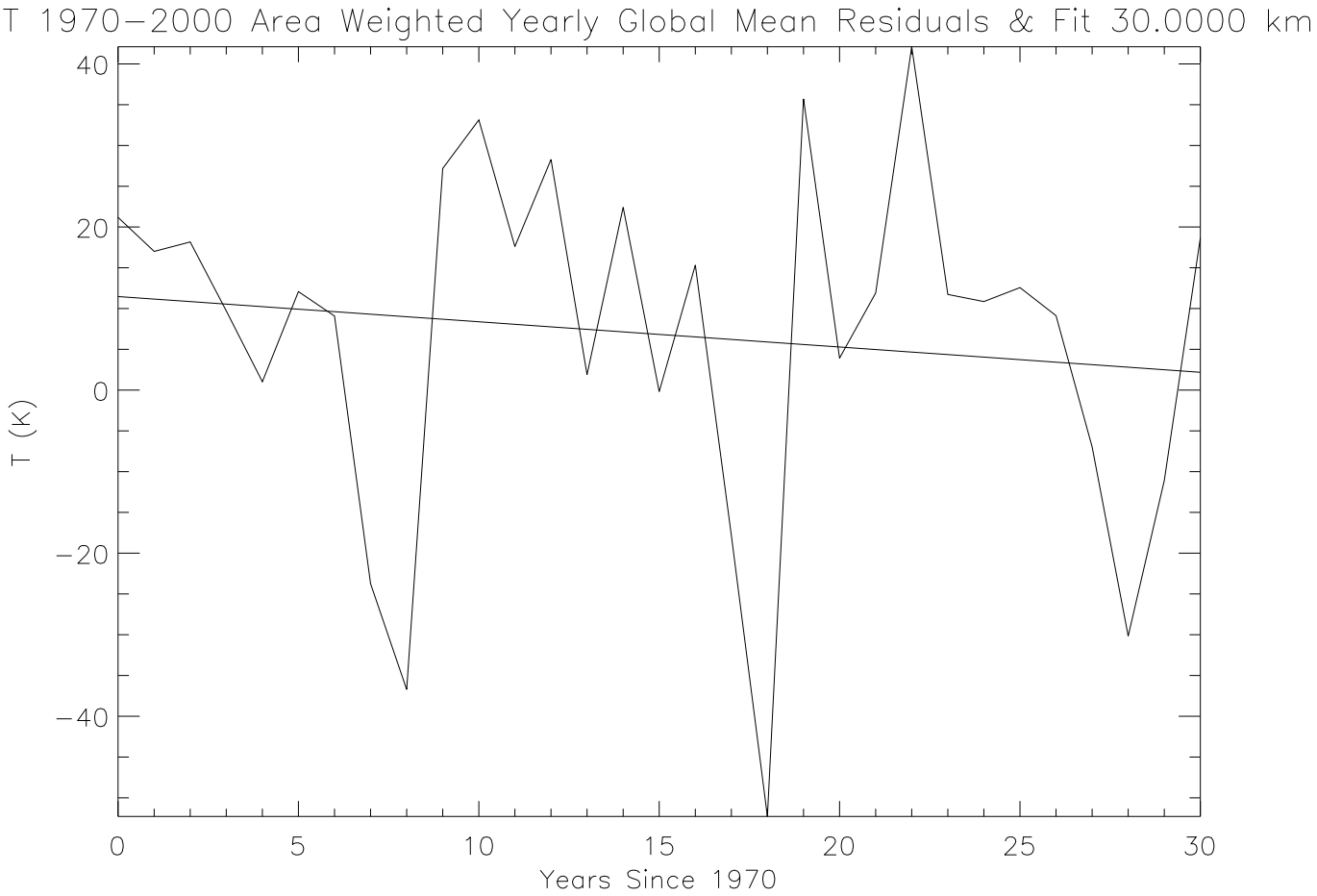

T 1955−2005 Area Weighted Yearly Global Mean Residuals & Fit 35.0000 km
T (K)
40
20
0
−20
−40
0
10
20
30
40
50
Years Since 1955

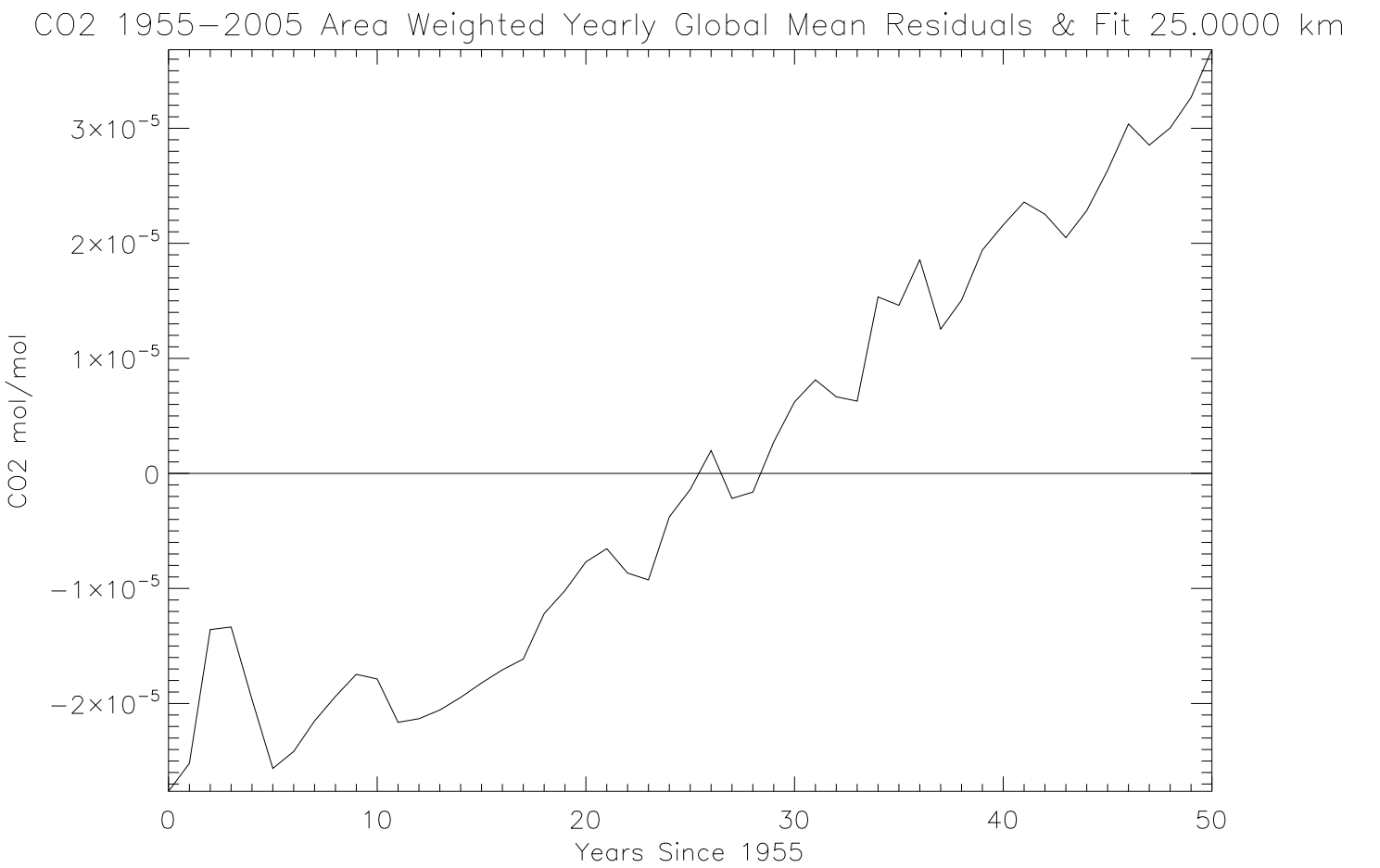

T 1970−2000 Area Weighted Yearly Global Mean Residuals & Fit 35.0000 km
T (K)
40
20
0
−20
−40
0
5
10
15
20
25
30
Years Since 1970

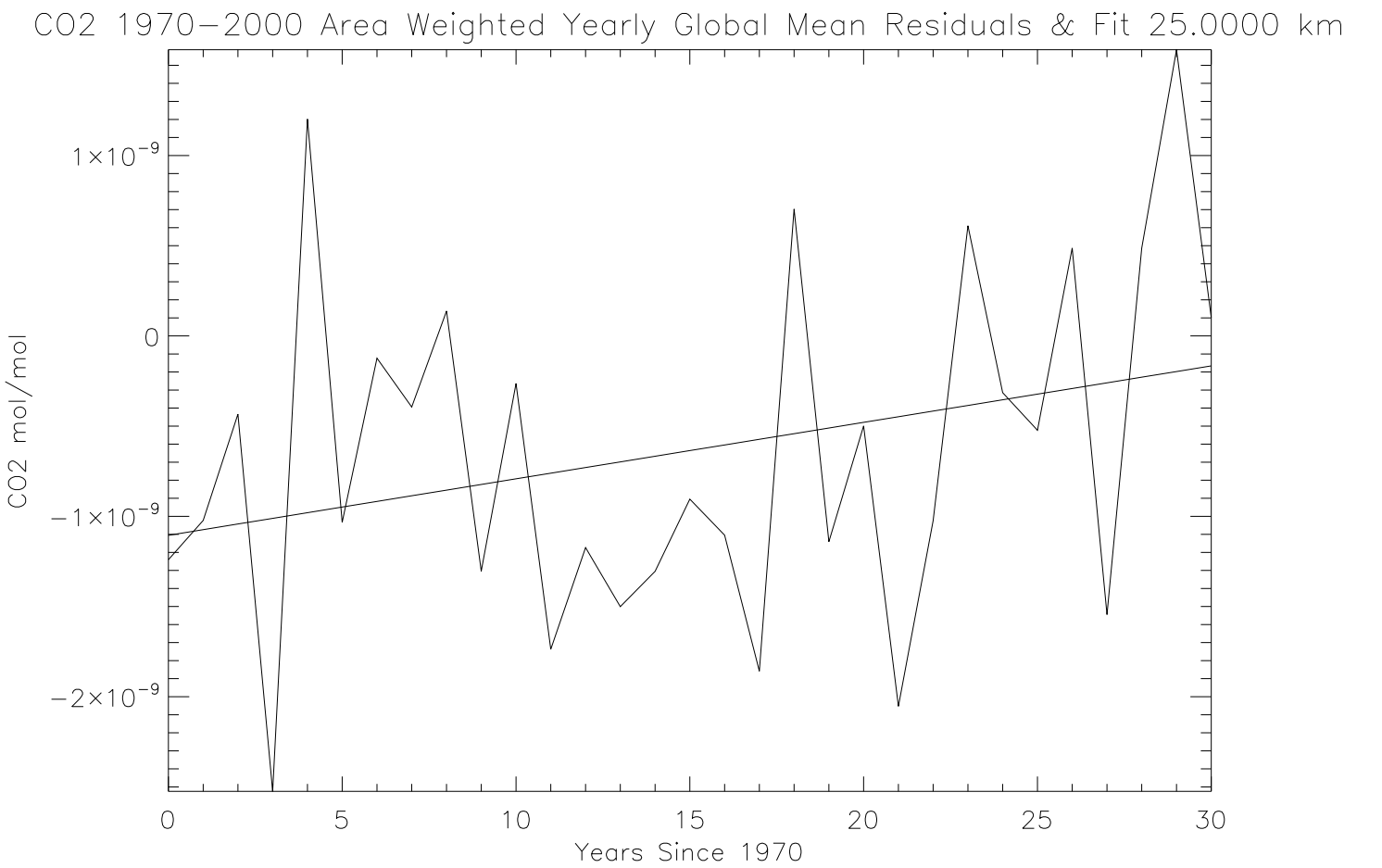

CO2 1955–2005 Area Weighted Yearly Global Mean Residuals & Fit 30.0000 km
3×10⁻⁵
2×10⁻⁵
1×10⁻⁵
0
−1×10⁻⁵
−2×10⁻⁵
CO2 mol/mol
0
10
20
30
40
50
Years Since 1955

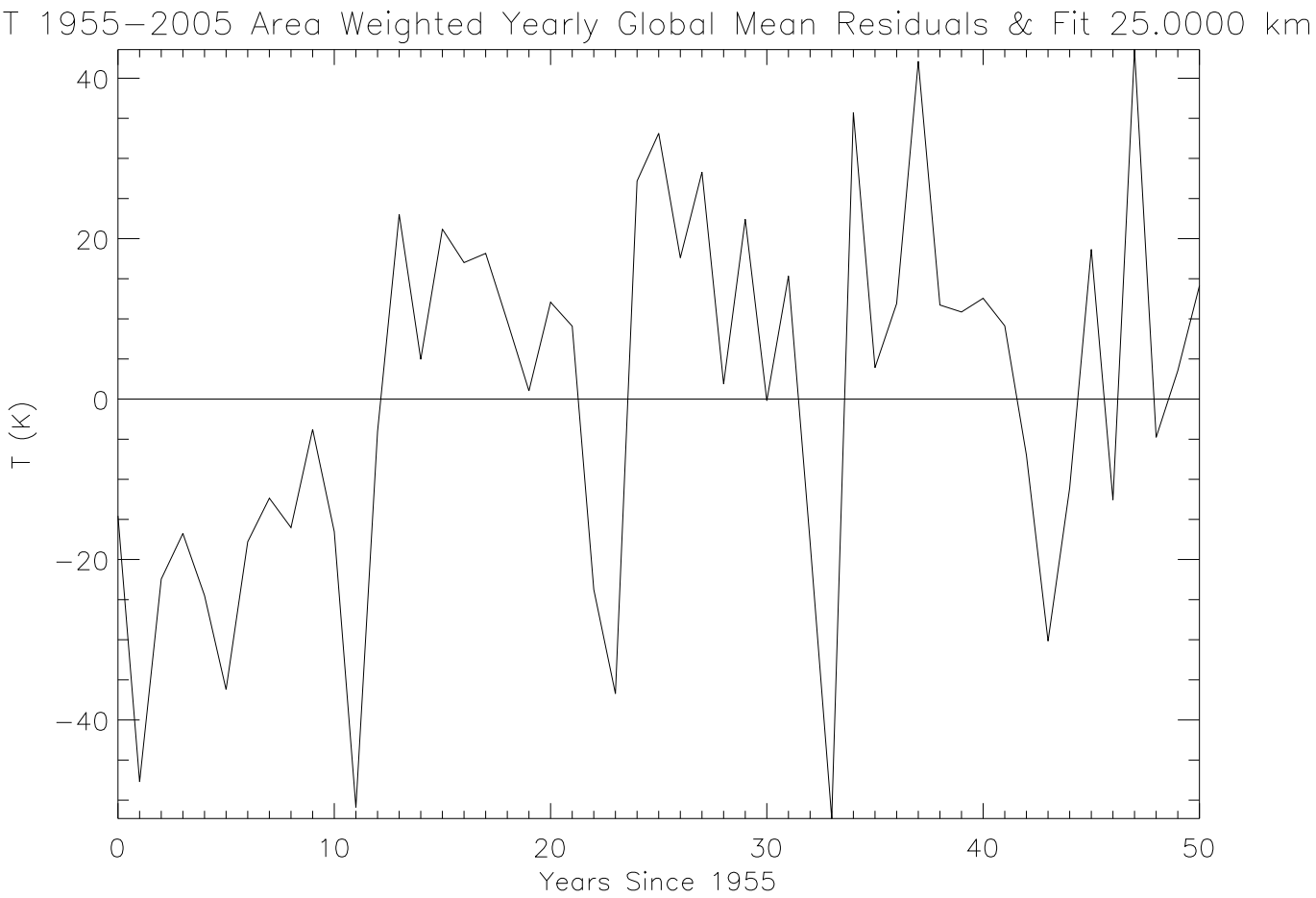

CO2 1970−2000 Area Weighted Yearly Global Mean Residuals & Fit 30.0000 km
1×10⁻⁹
0
−1×10⁻⁹
−2×10⁻⁹
CO2 mol/mol
0
5
10
15
20
25
30
Years Since 1970

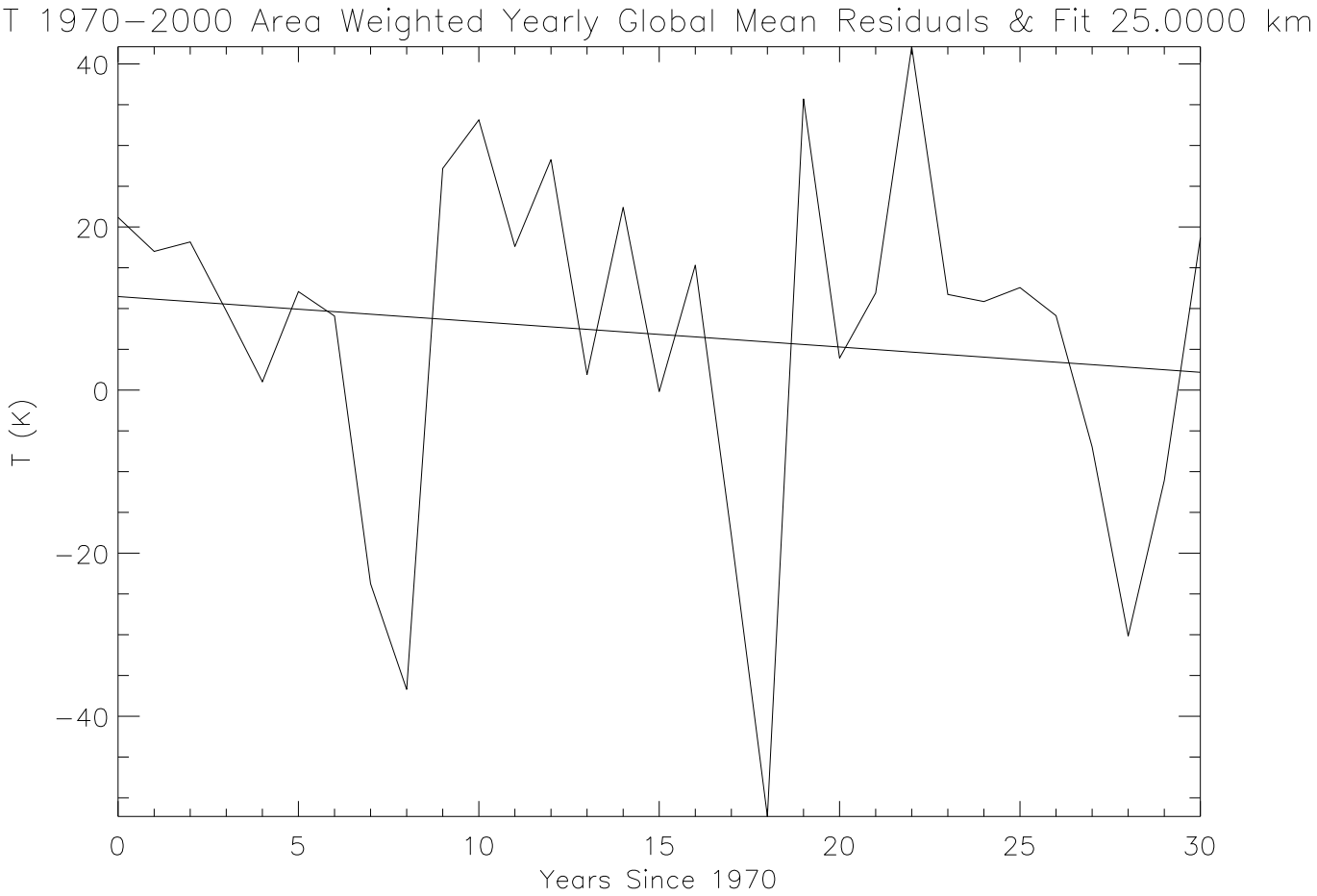

T 1955−2005 Area Weighted Yearly Global Mean Residuals & Fit 30.0000 km
T (K)
40
20
0
−20
−40
0
10
20
30
40
50
Years Since 1955

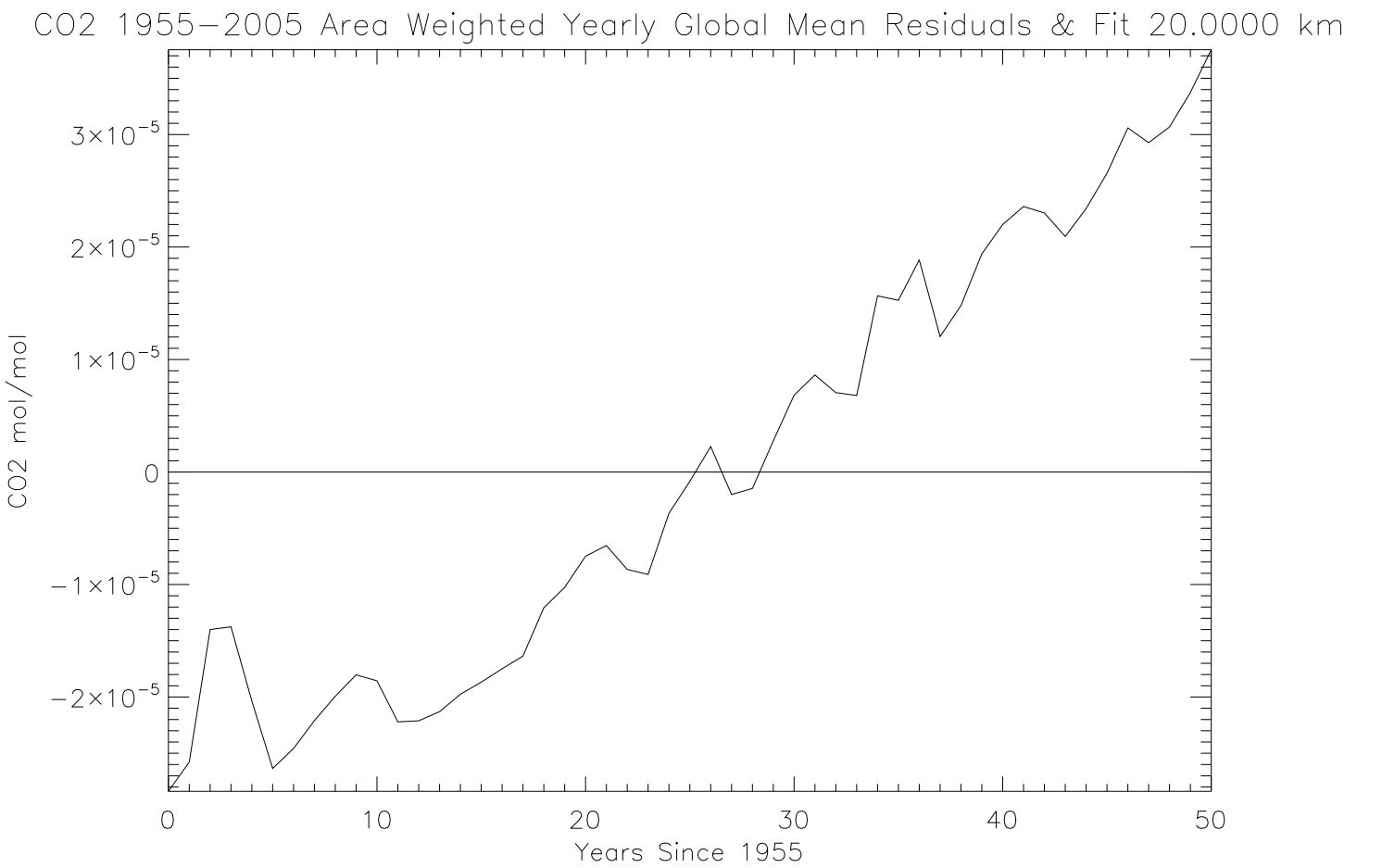

T 1970−2000 Area Weighted Yearly Global Mean Residuals & Fit 30.0000 km
T (K)
40
20
0
−20
−40
0
5
10
15
20
25
30
Years Since 1970

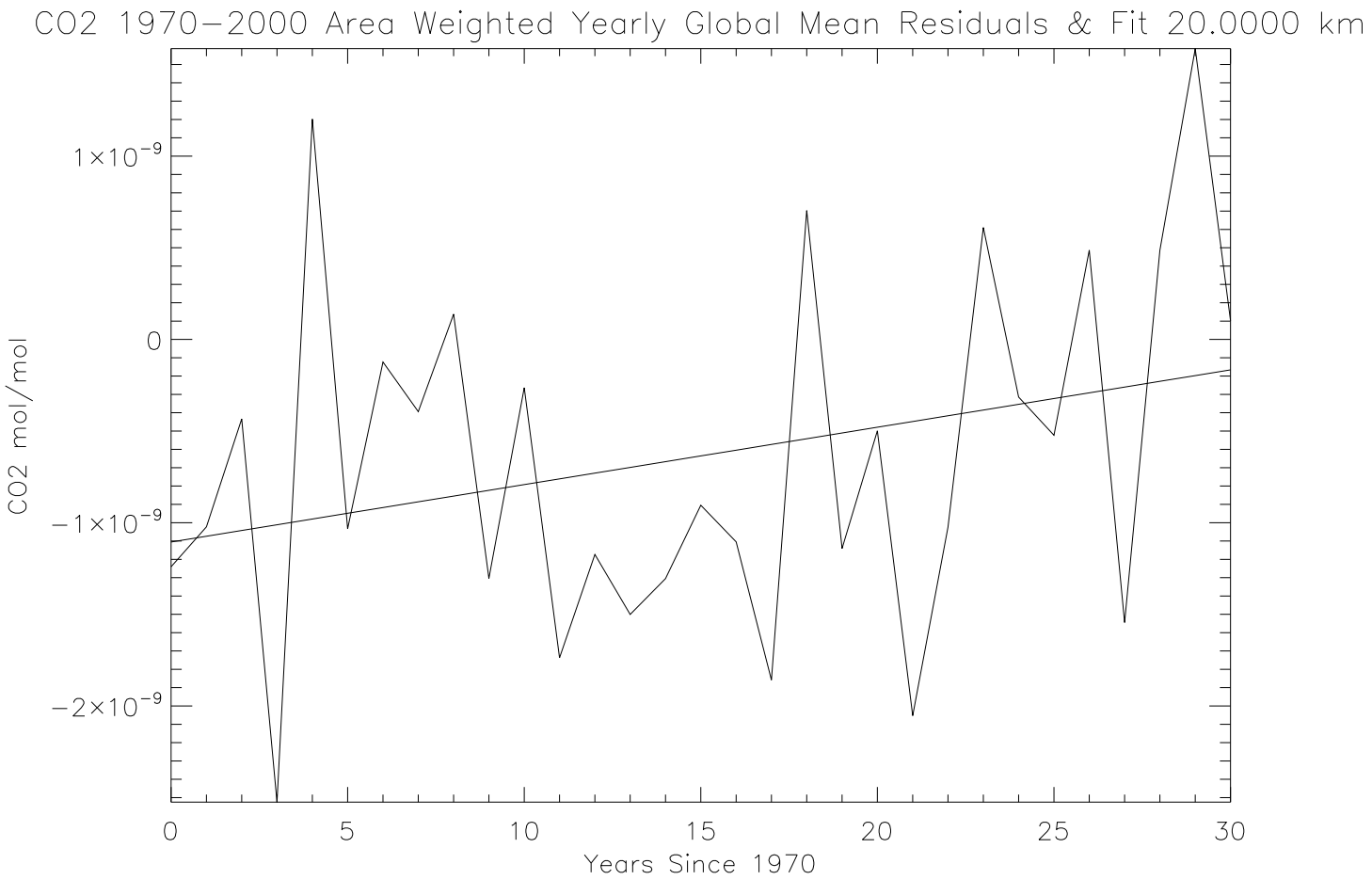

CO2 1955–2005 Area Weighted Yearly Global Mean Residuals & Fit 25.0000 km
3×10⁻⁵
2×10⁻⁵
1×10⁻⁵
0
−1×10⁻⁵
−2×10⁻⁵
CO2 mol/mol
0
10
20
30
40
50
Years Since 1955

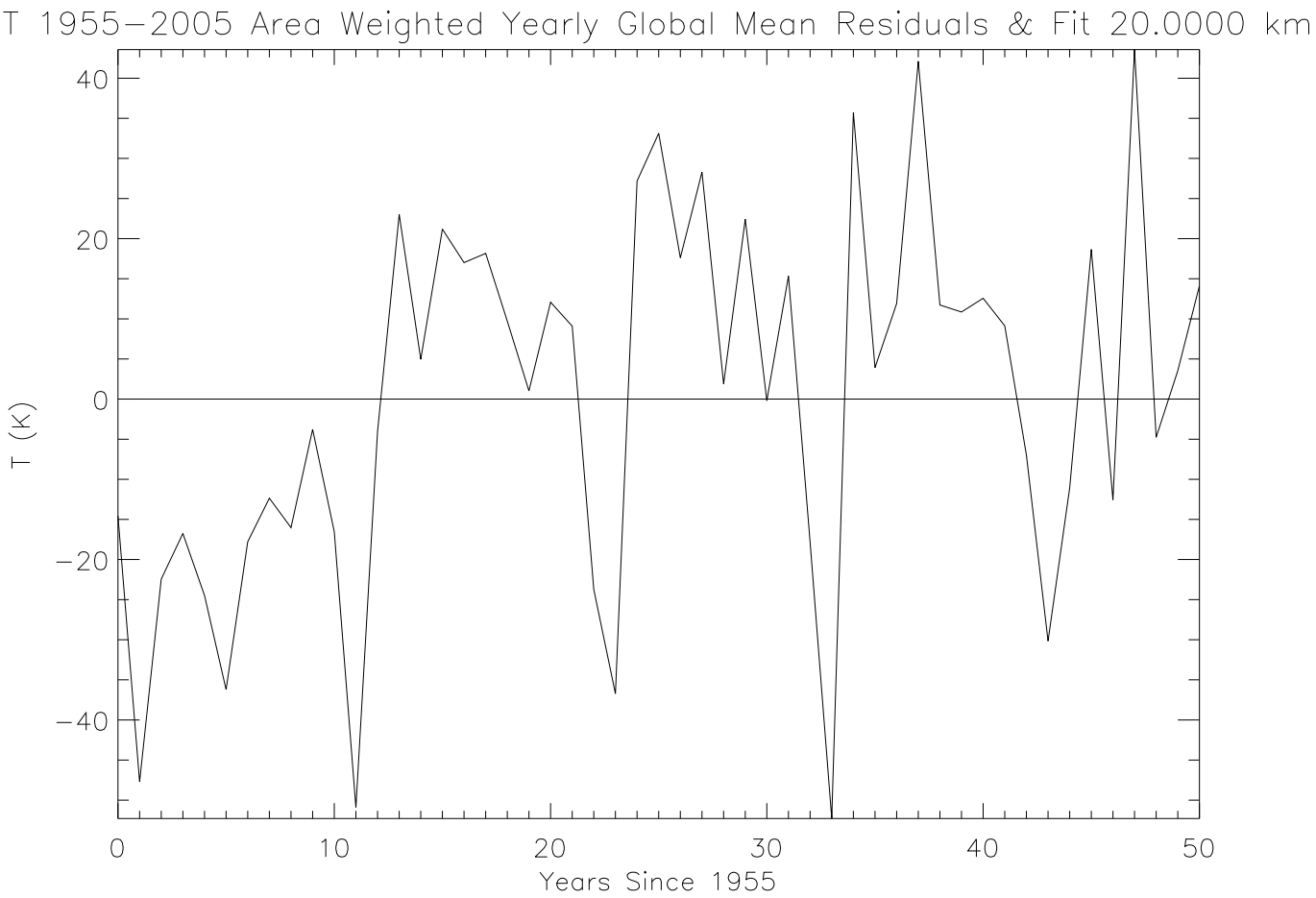

CO2 1970−2000 Area Weighted Yearly Global Mean Residuals & Fit 25.0000 km
1×10⁻⁹
0
−1×10⁻⁹
−2×10⁻⁹
CO2 mol/mol
0
5
10
15
20
25
30
Years Since 1970

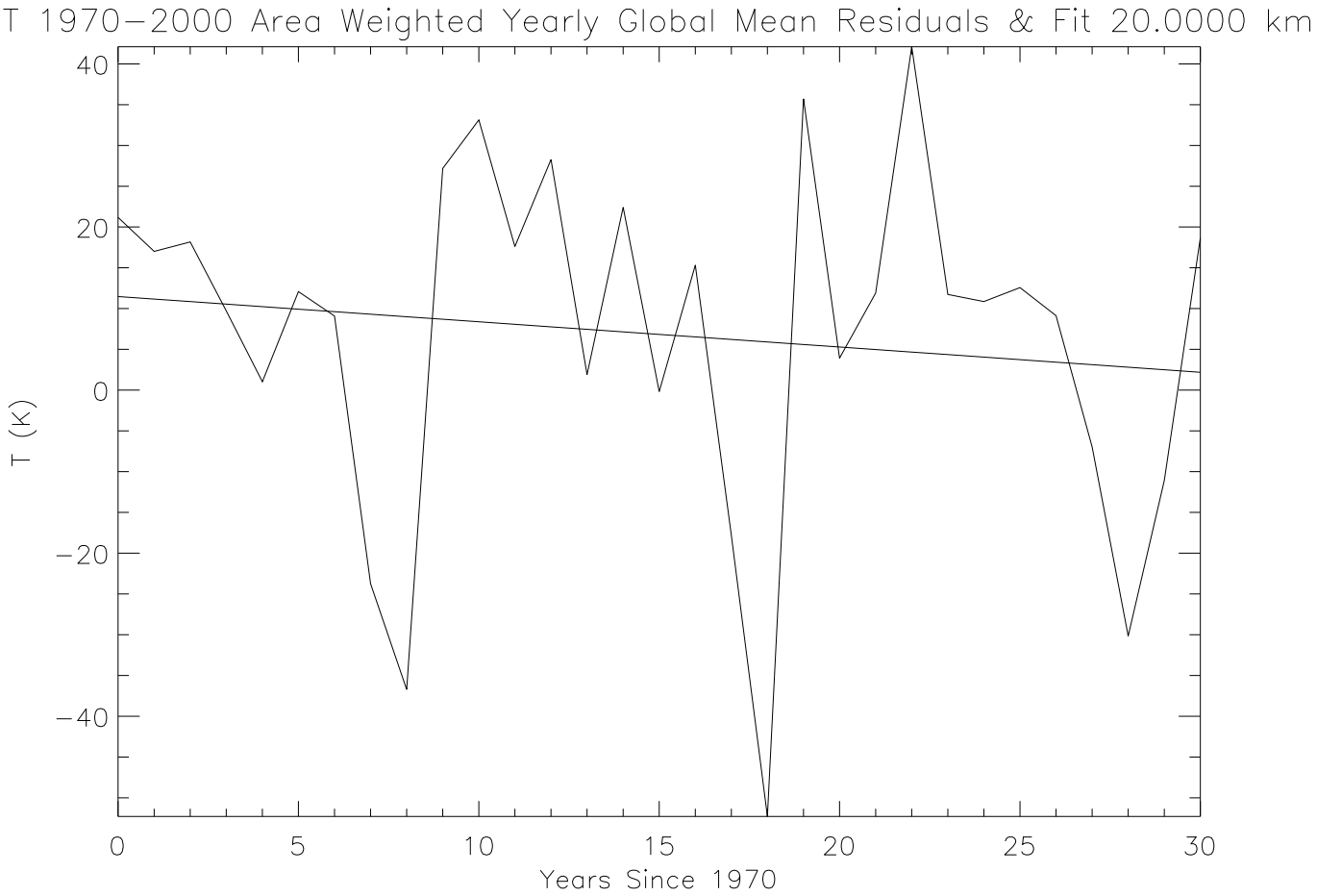

T 1955−2005 Area Weighted Yearly Global Mean Residuals & Fit 25.0000 km
T (K)
40
20
0
−20
−40
0
10
20
30
40
50
Years Since 1955

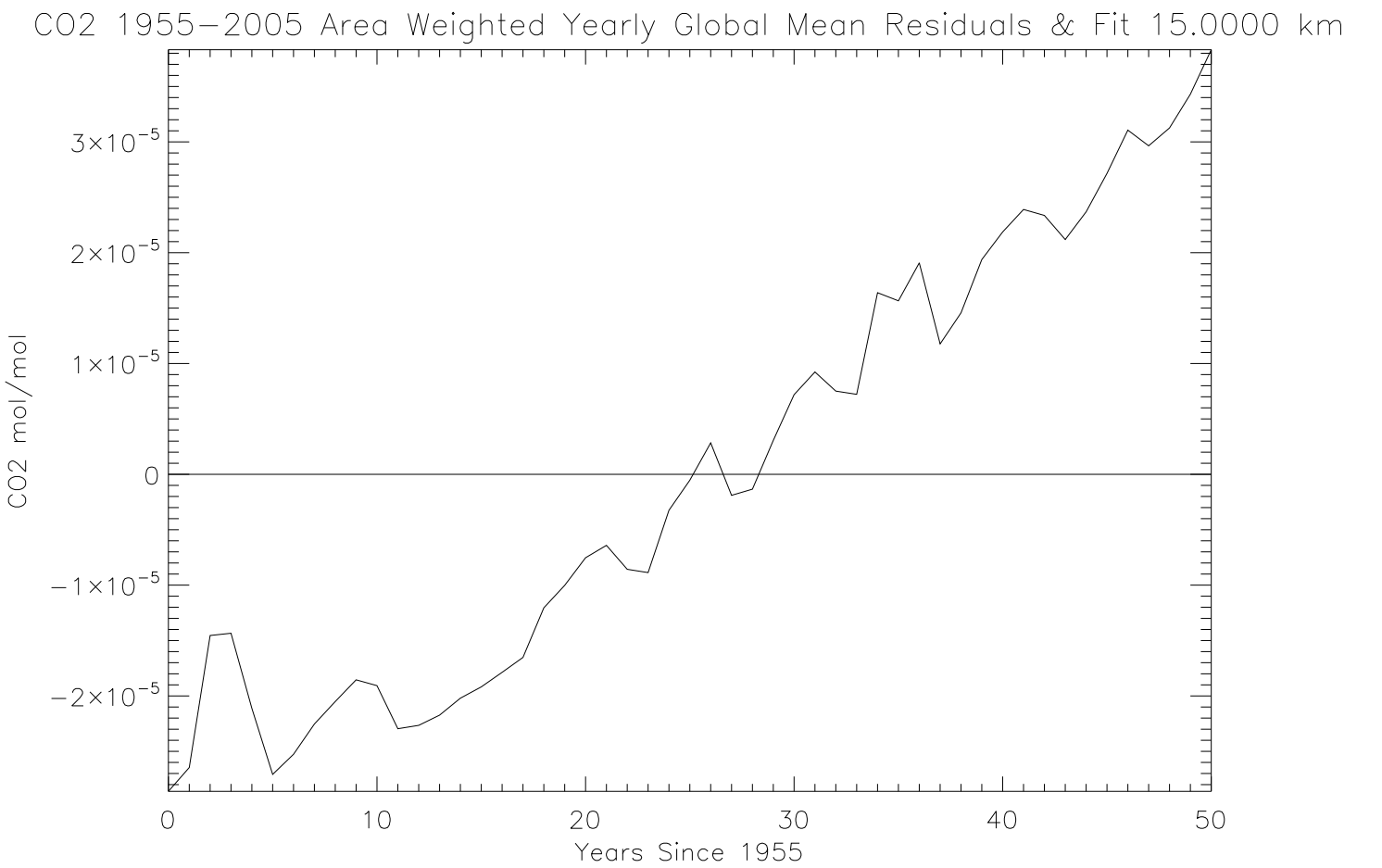

T 1970−2000 Area Weighted Yearly Global Mean Residuals & Fit 25.0000 km
T (K)
40
20
0
−20
−40
0
5
10
15
20
25
30
Years Since 1970

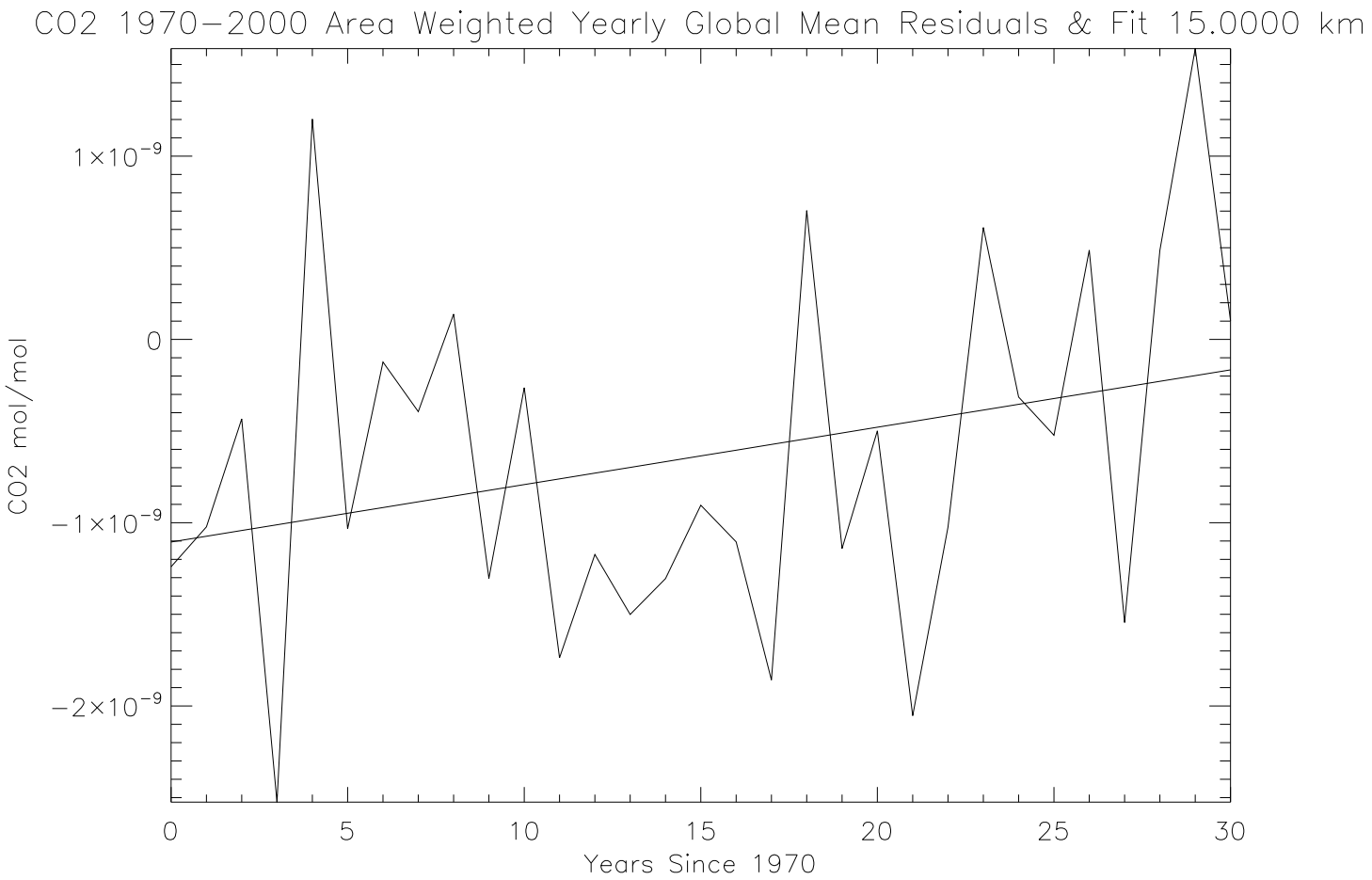

CO2 1955–2005 Area Weighted Yearly Global Mean Residuals & Fit 20.0000 km
3×10⁻⁵
2×10⁻⁵
1×10⁻⁵
0
−1×10⁻⁵
−2×10⁻⁵
CO2 mol/mol
0
10
20
30
40
50
Years Since 1955

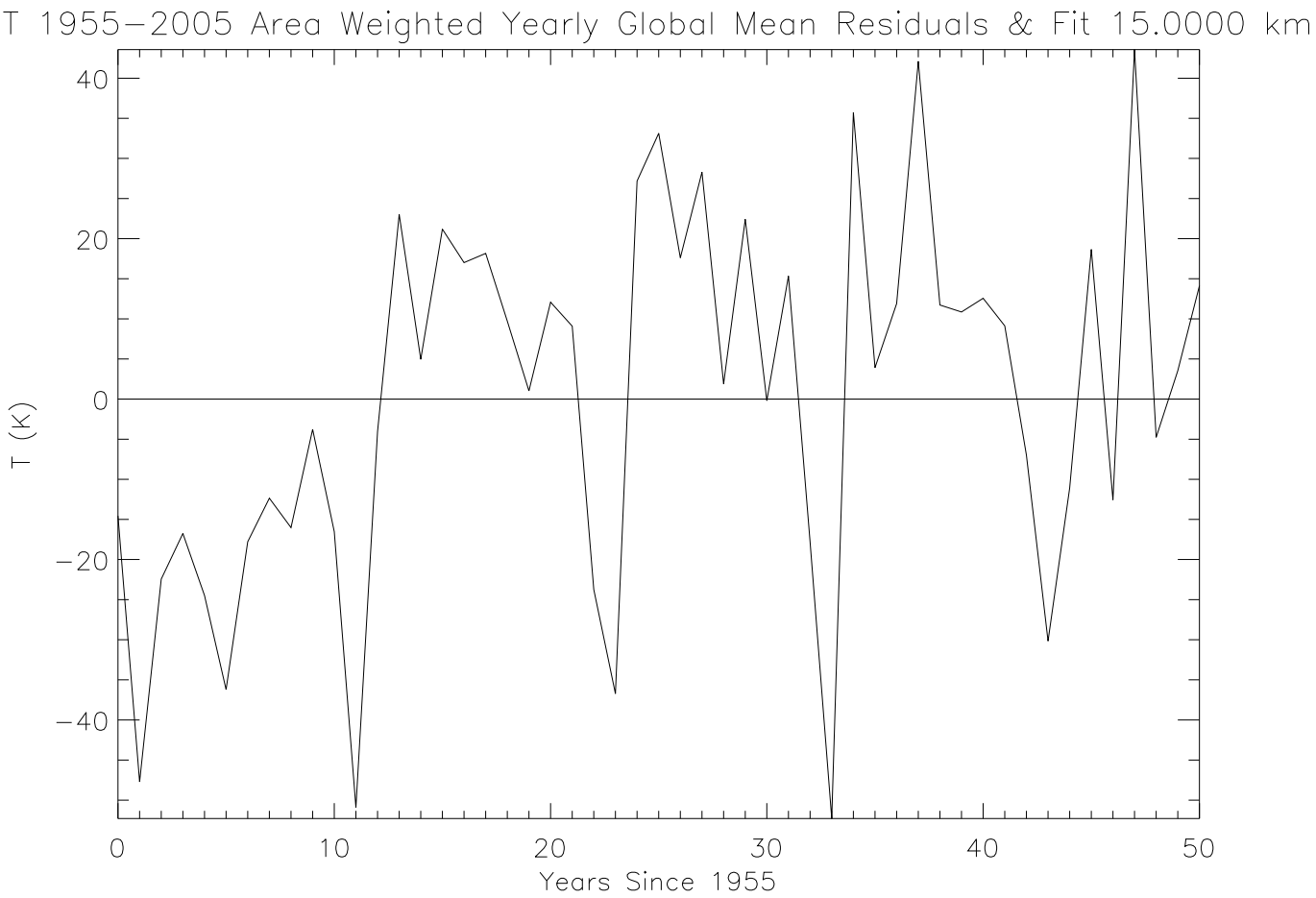

CO2 1970−2000 Area Weighted Yearly Global Mean Residuals & Fit 20.0000 km
1×10⁻⁹
0
−1×10⁻⁹
−2×10⁻⁹
CO2 mol/mol
0
5
10
15
20
25
30
Years Since 1970

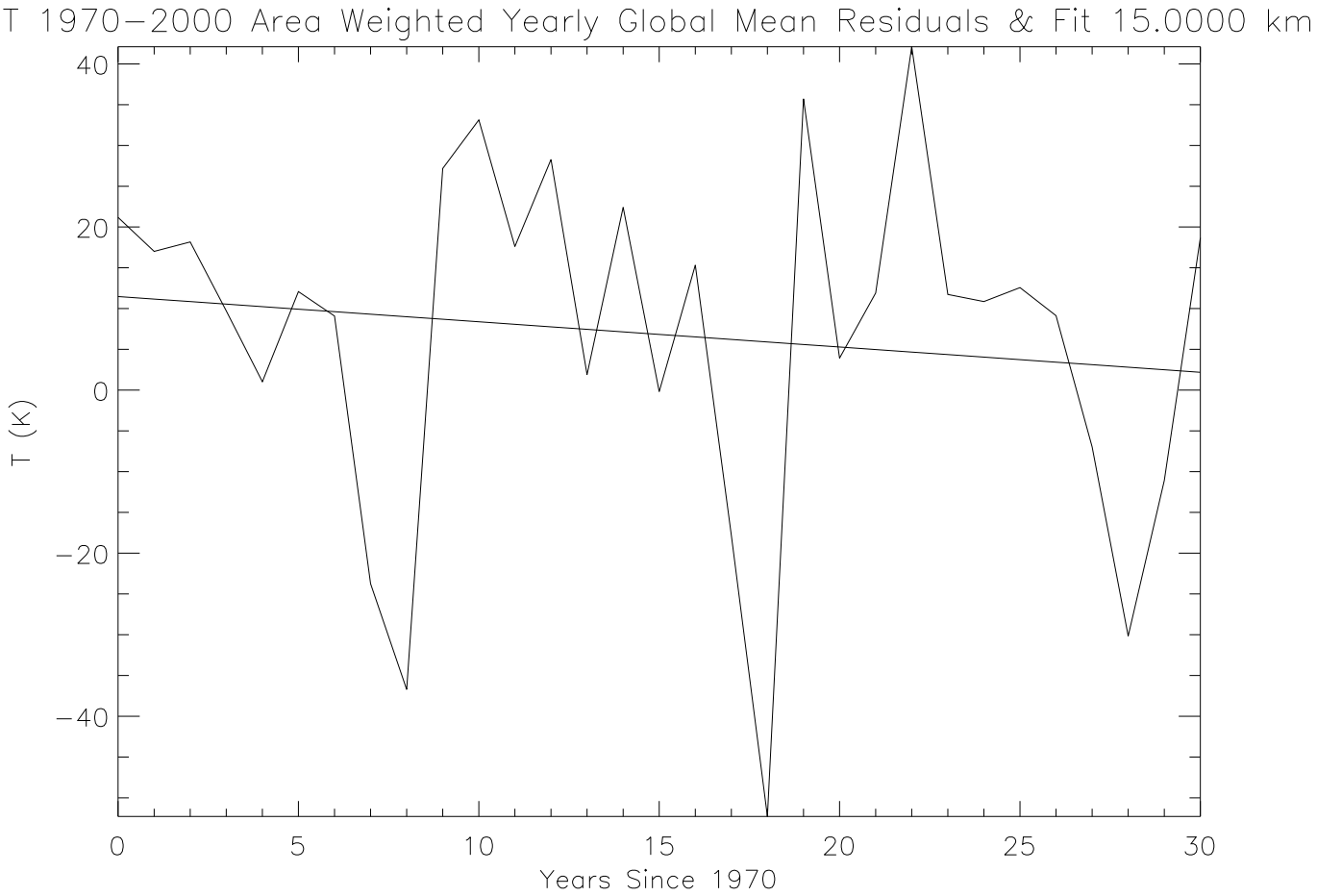

T 1955−2005 Area Weighted Yearly Global Mean Residuals & Fit 20.0000 km
T (K)
40
20
0
−20
−40
0
10
20
30
40
50
Years Since 1955

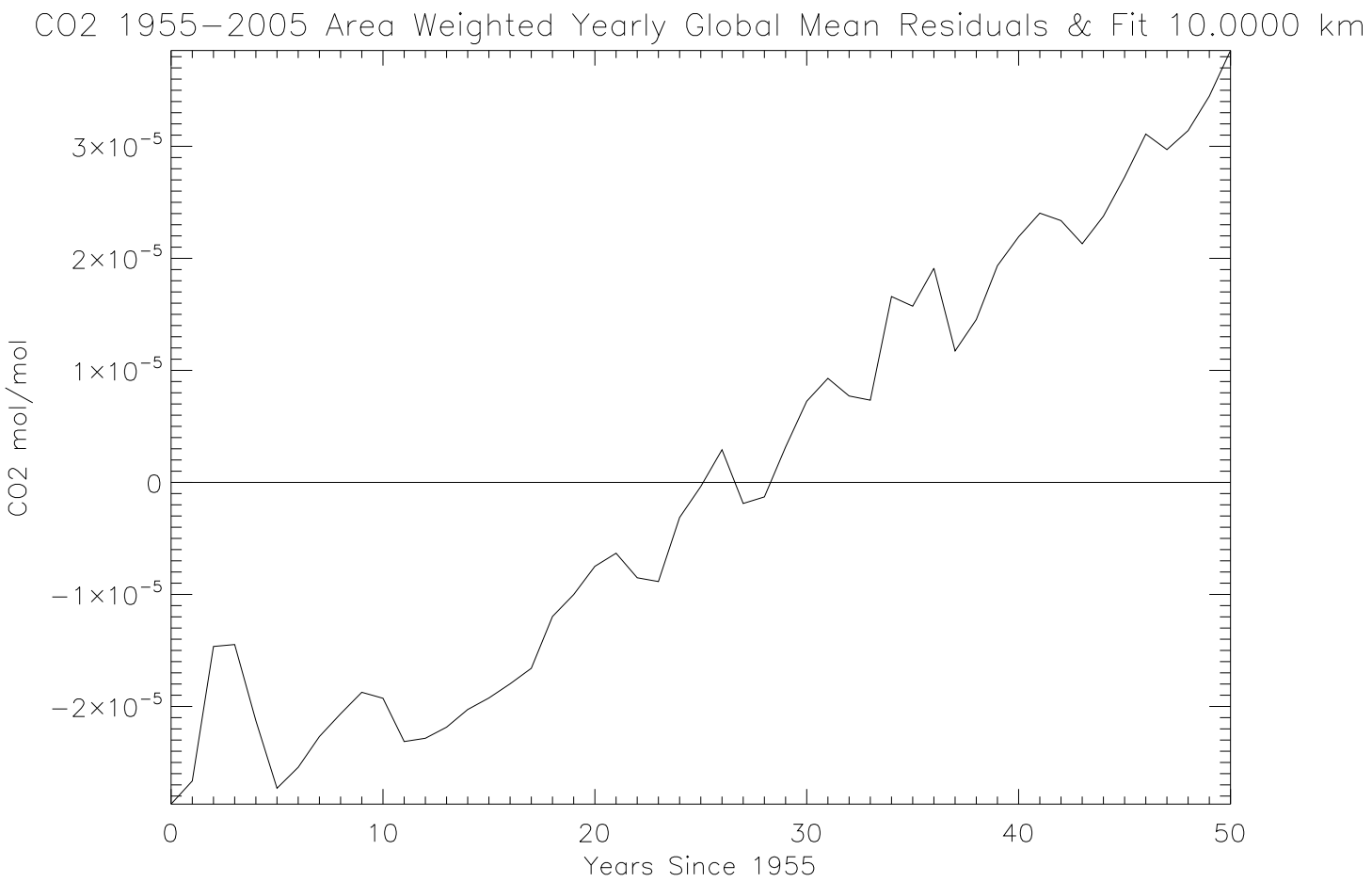

T 1970−2000 Area Weighted Yearly Global Mean Residuals & Fit 20.0000 km
T (K)
40
20
0
−20
−40
0
5
10
15
20
25
30
Years Since 1970

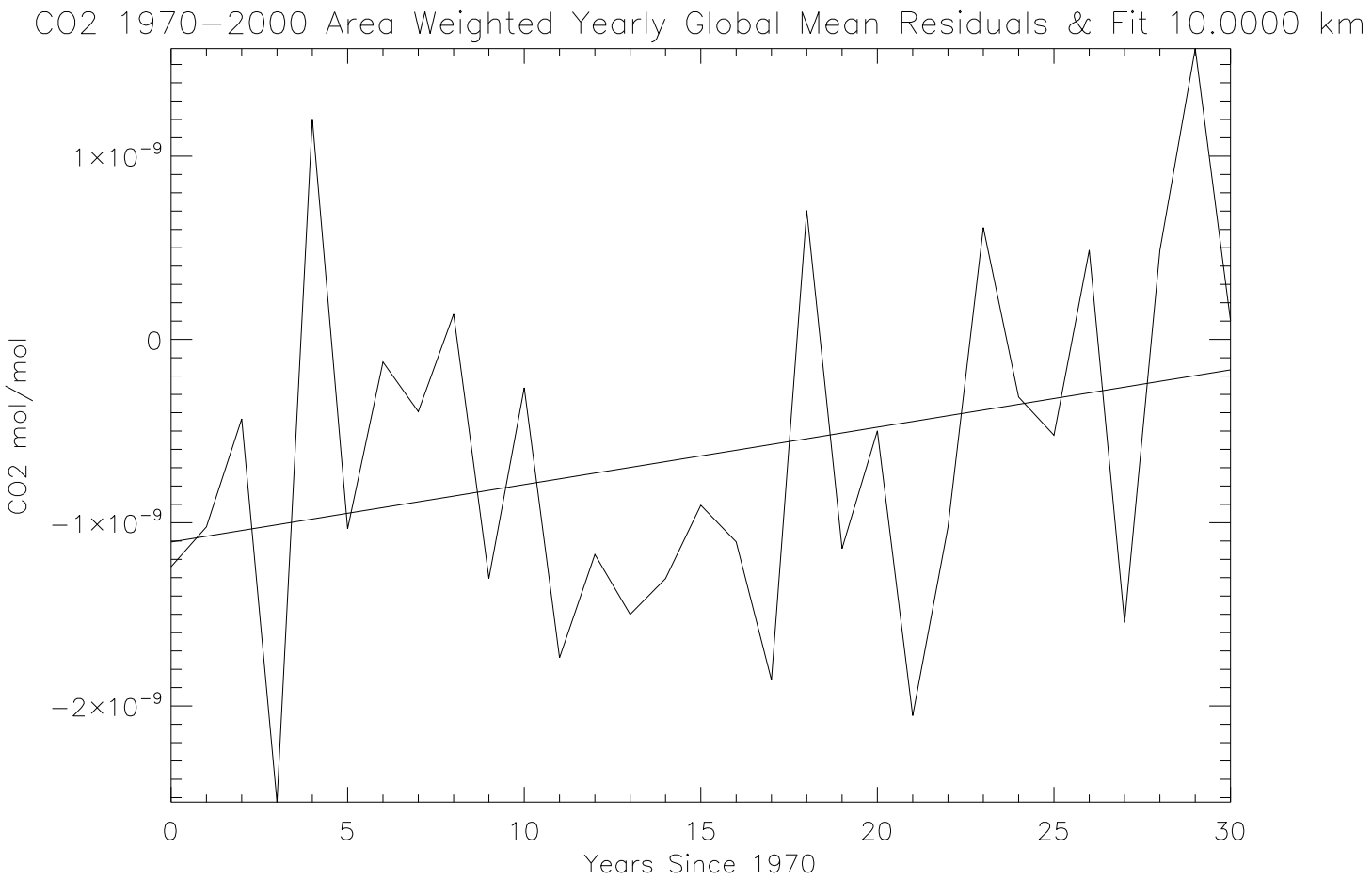

CO2 1955–2005 Area Weighted Yearly Global Mean Residuals & Fit 15.0000 km
3×10⁻⁵
2×10⁻⁵
1×10⁻⁵
0
−1×10⁻⁵
−2×10⁻⁵
CO2 mol/mol
0
10
20
30
40
50
Years Since 1955

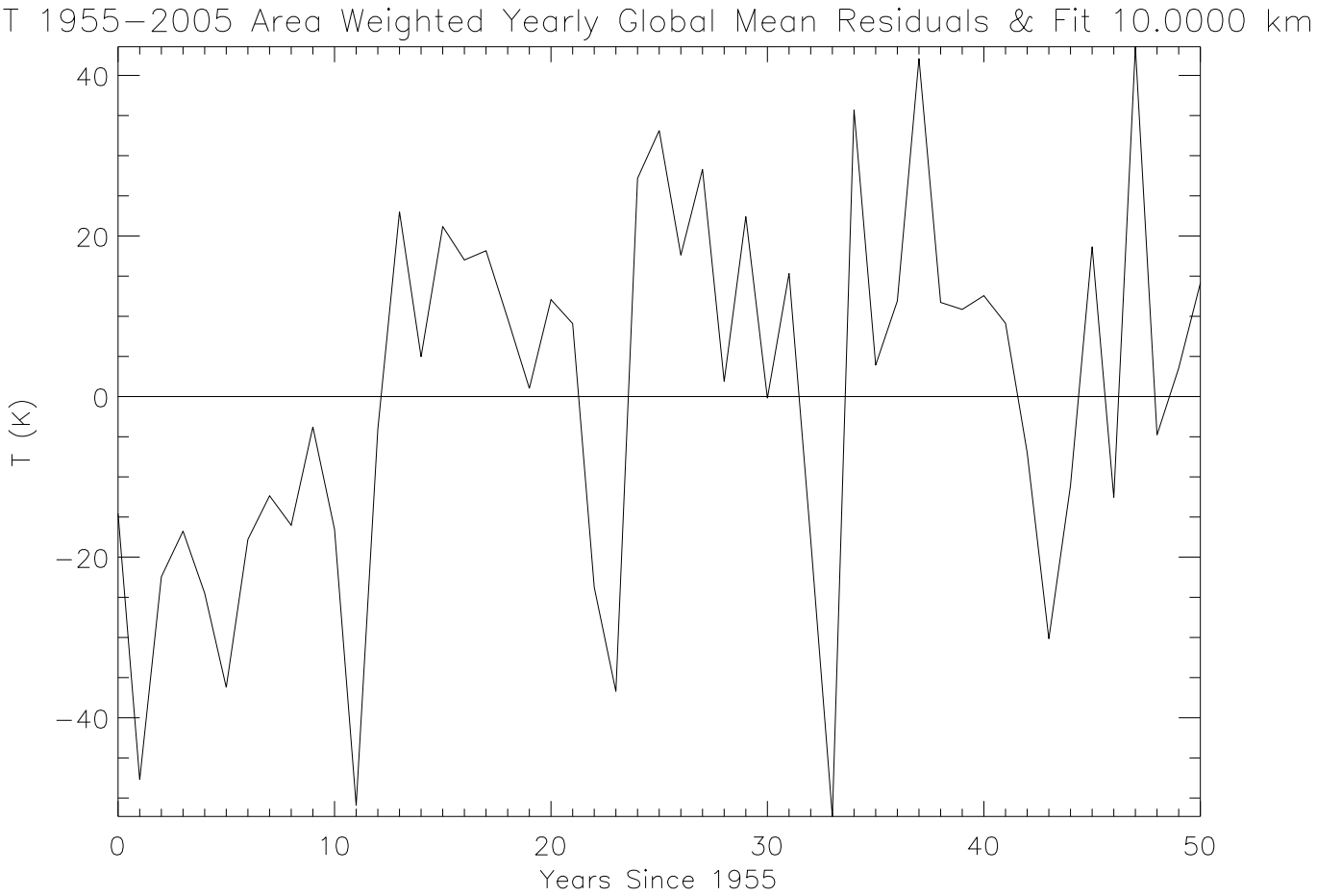

CO2 1970−2000 Area Weighted Yearly Global Mean Residuals & Fit 15.0000 km
1×10⁻⁹
0
−1×10⁻⁹
−2×10⁻⁹
CO2 mol/mol
0
5
10
15
20
25
30
Years Since 1970

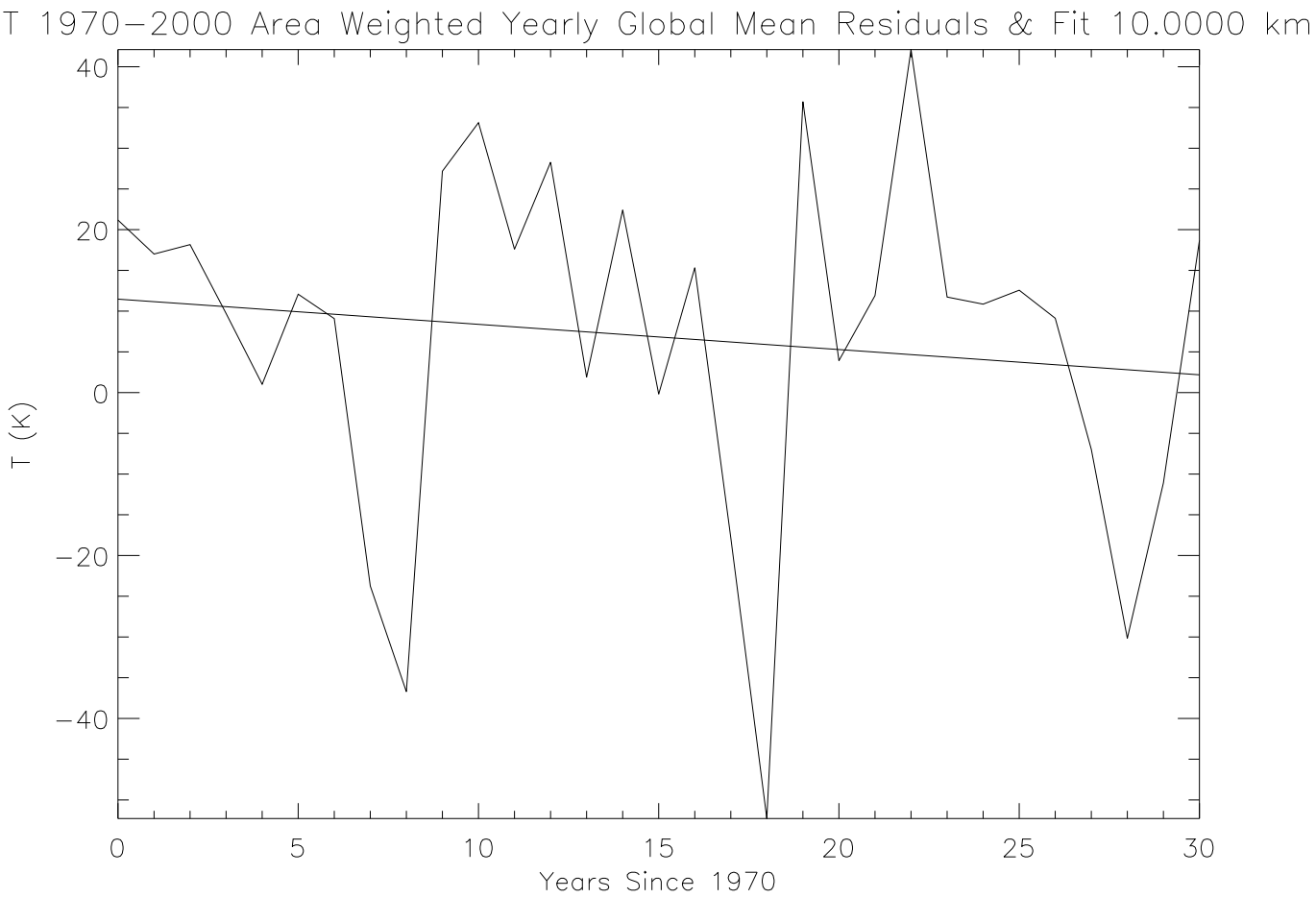

T 1955−2005 Area Weighted Yearly Global Mean Residuals & Fit 15.0000 km
T (K)
40
20
0
−20
−40
0
10
20
30
40
50
Years Since 1955

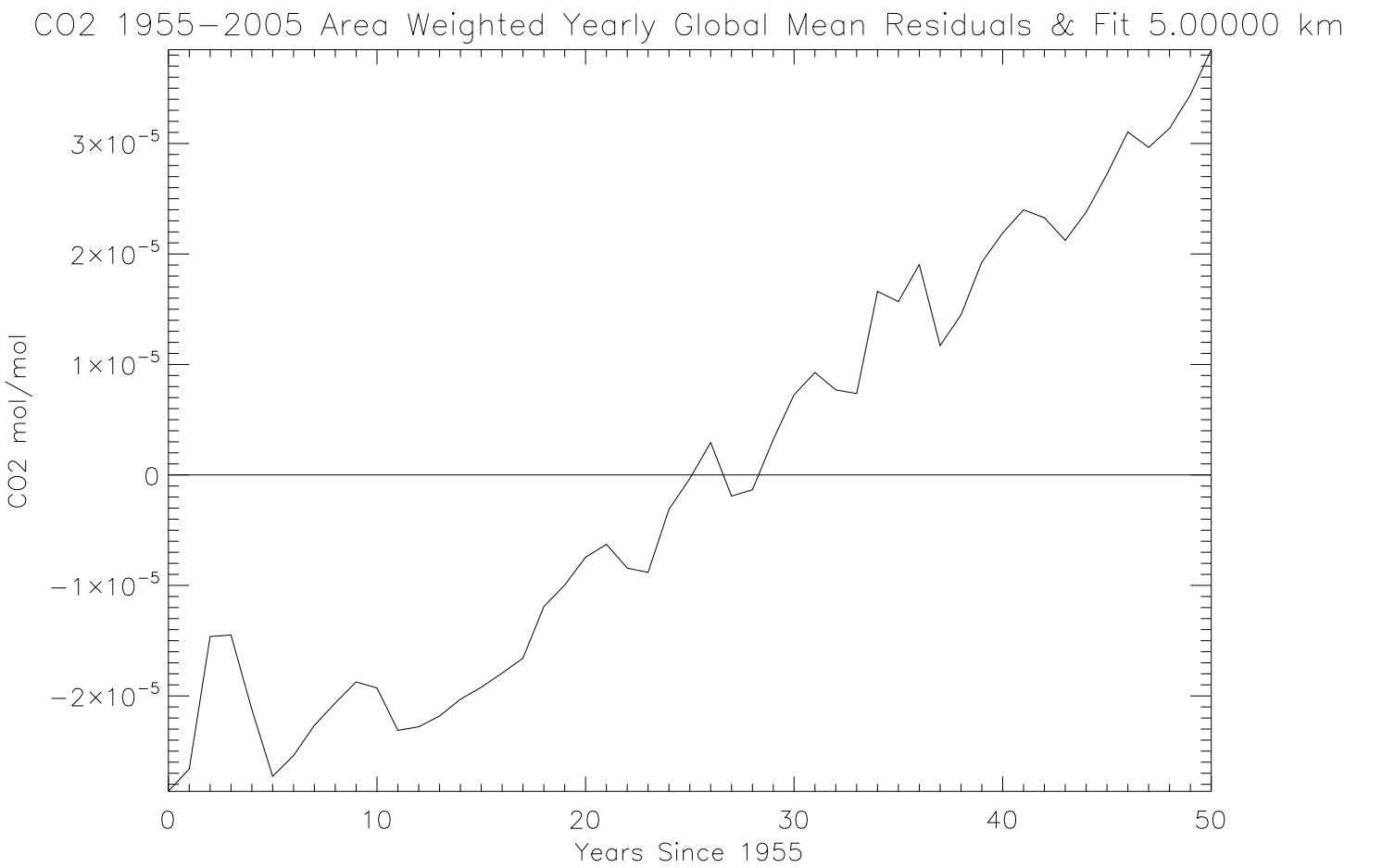

T 1970−2000 Area Weighted Yearly Global Mean Residuals & Fit 15.0000 km
T (K)
40
20
0
−20
−40
0
5
10
15
20
25
30
Years Since 1970

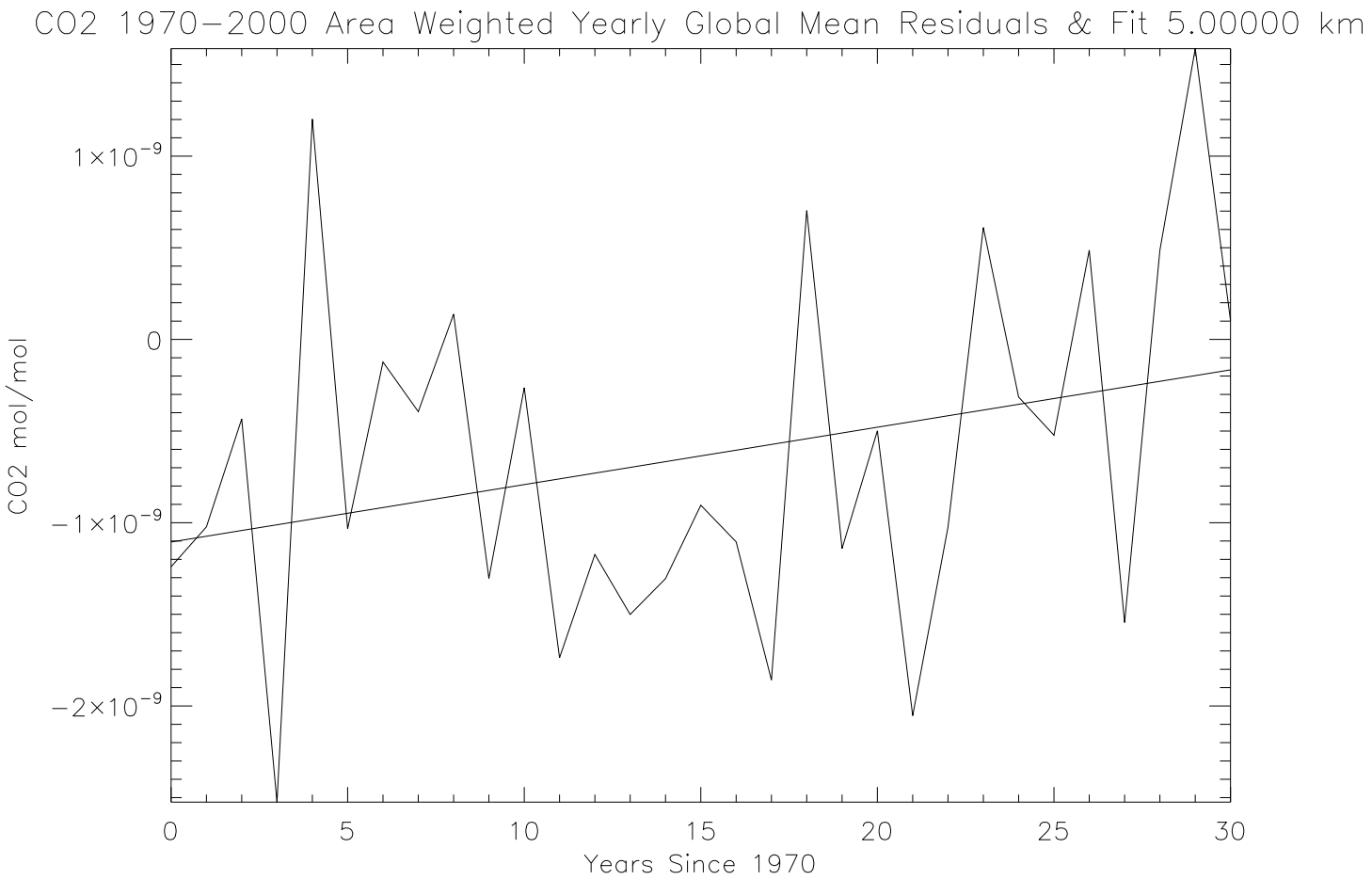

CO2 1955–2005 Area Weighted Yearly Global Mean Residuals & Fit 10.0000 km
3×10⁻⁵
2×10⁻⁵
1×10⁻⁵
0
−1×10⁻⁵
−2×10⁻⁵
CO2 mol/mol
0
10
20
30
40
50
Years Since 1955

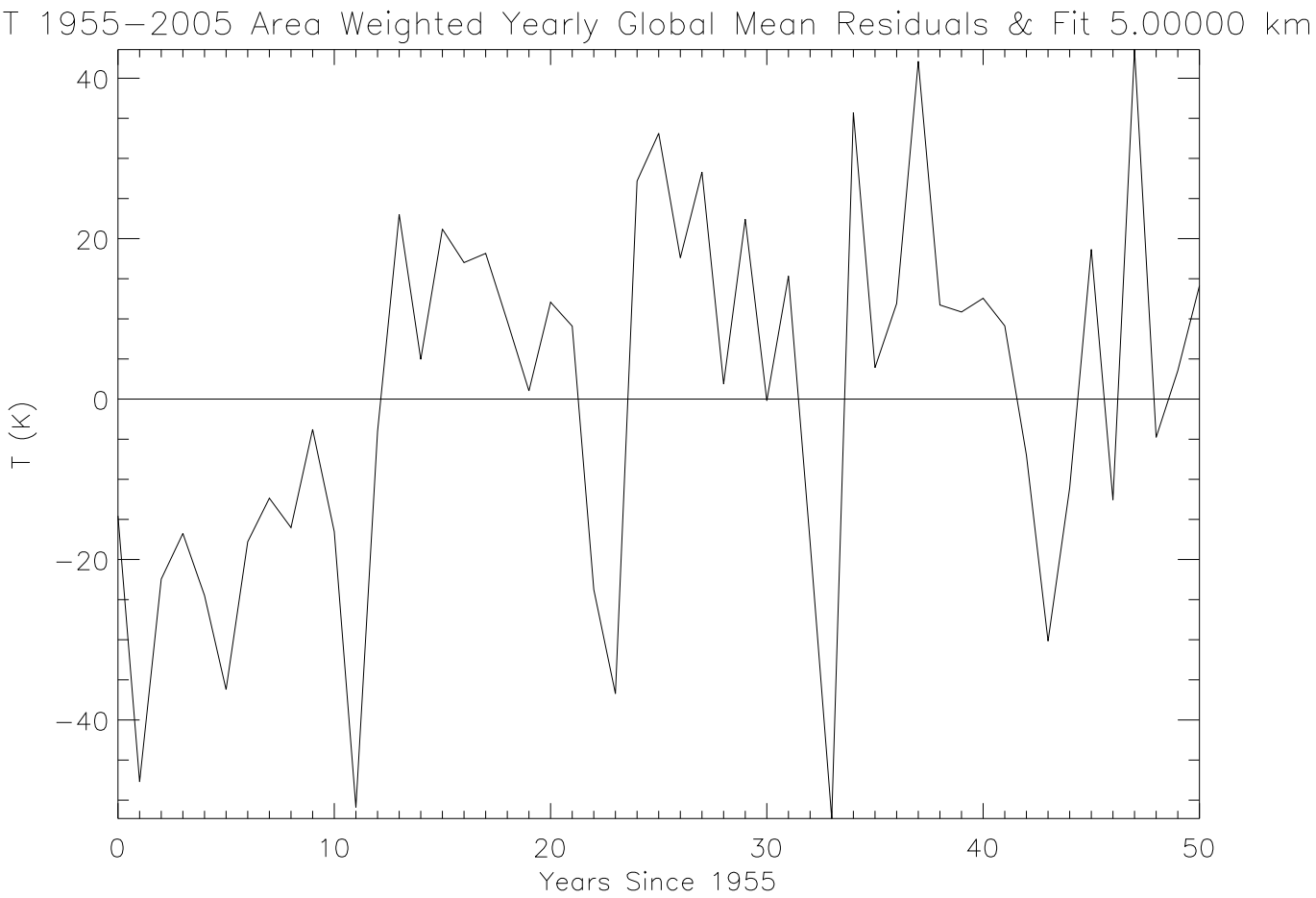

CO2 1970−2000 Area Weighted Yearly Global Mean Residuals & Fit 10.0000 km
1×10⁻⁹
0
−1×10⁻⁹
−2×10⁻⁹
CO2 mol/mol
0
5
10
15
20
25
30
Years Since 1970

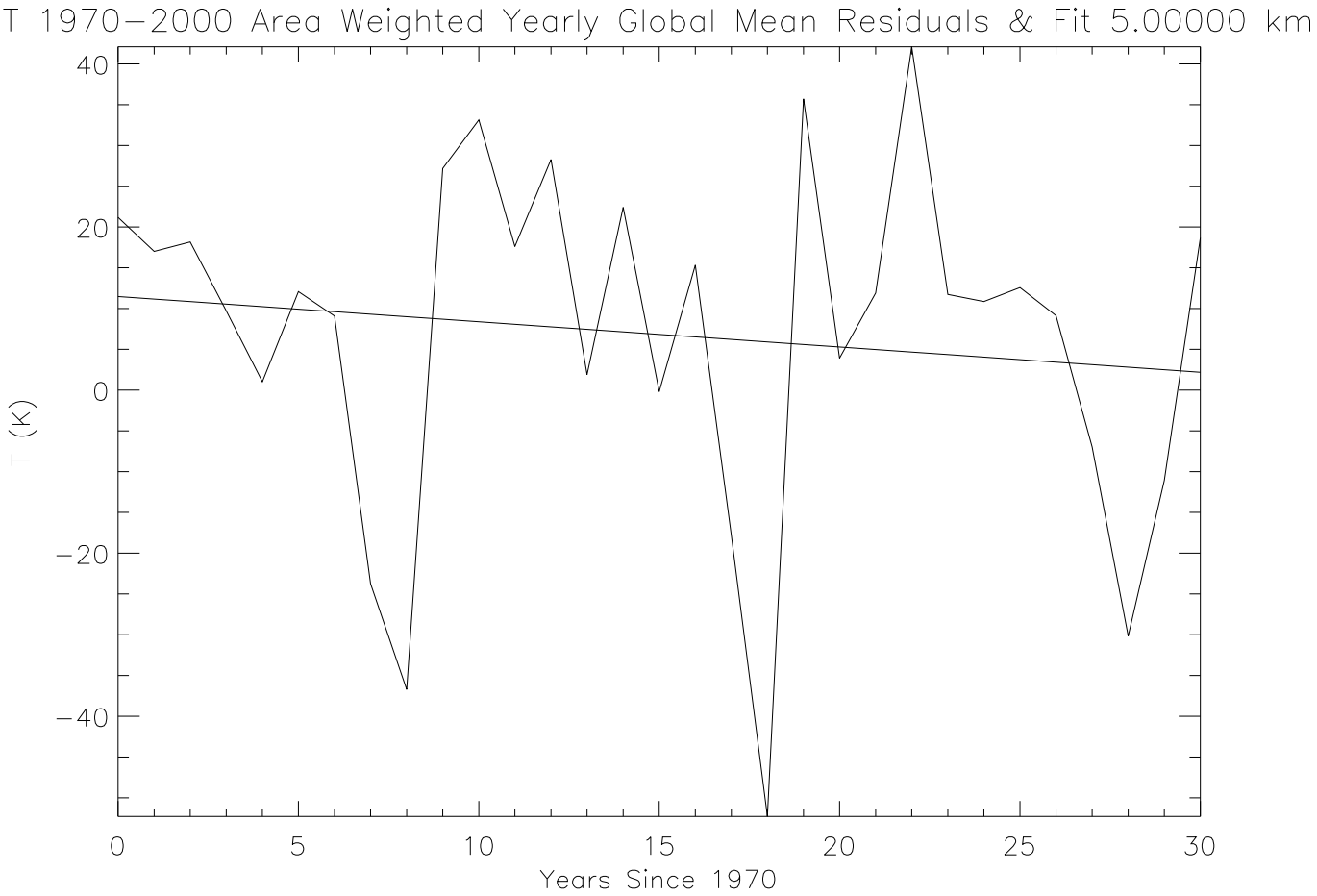

T 1955−2005 Area Weighted Yearly Global Mean Residuals & Fit 10.0000 km
T (K)
40
20
0
−20
−40
0
10
20
30
40
50
Years Since 1955

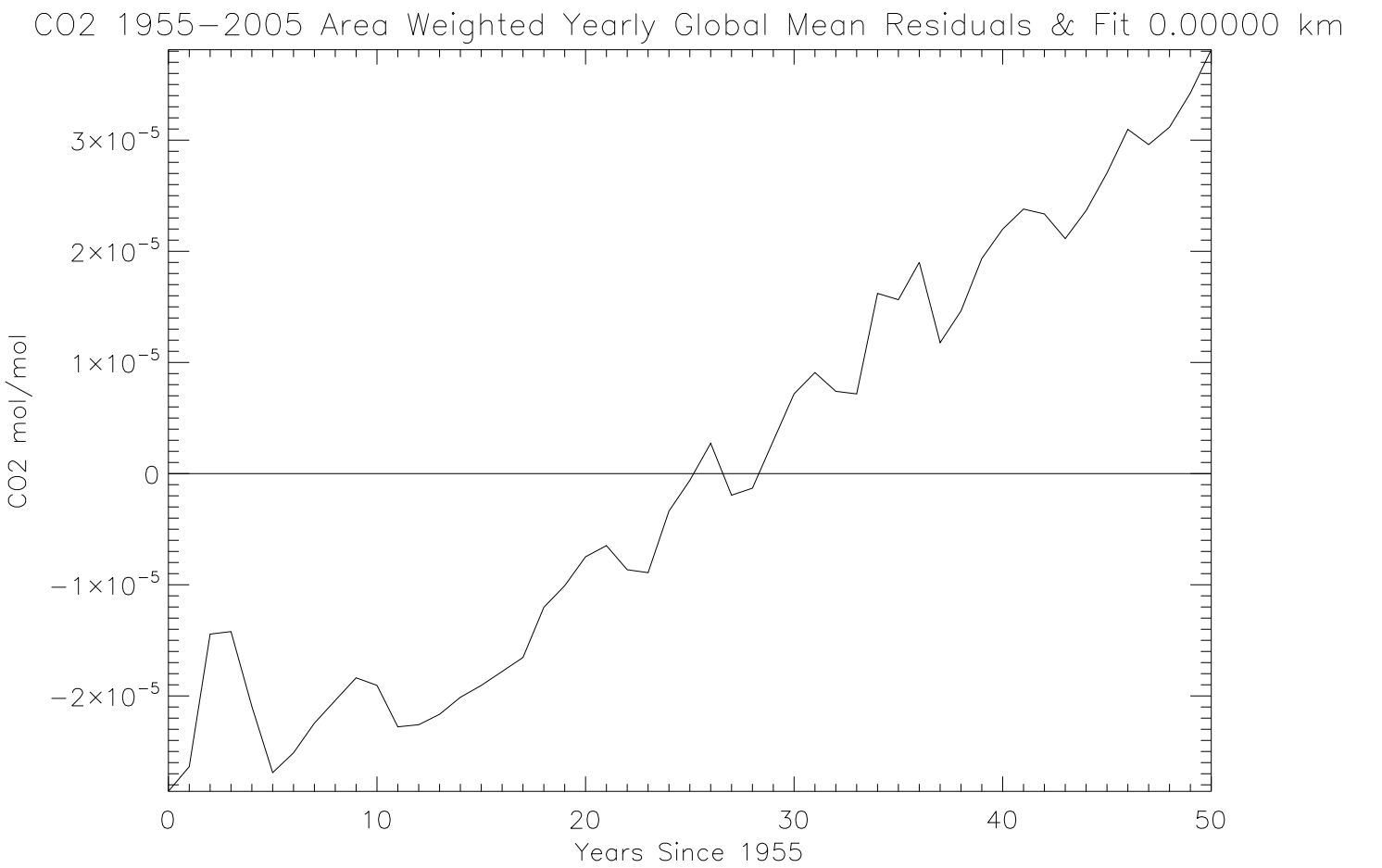

T 1970−2000 Area Weighted Yearly Global Mean Residuals & Fit 10.0000 km
T (K)
40
20
0
−20
−40
0
5
10
15
20
25
30
Years Since 1970

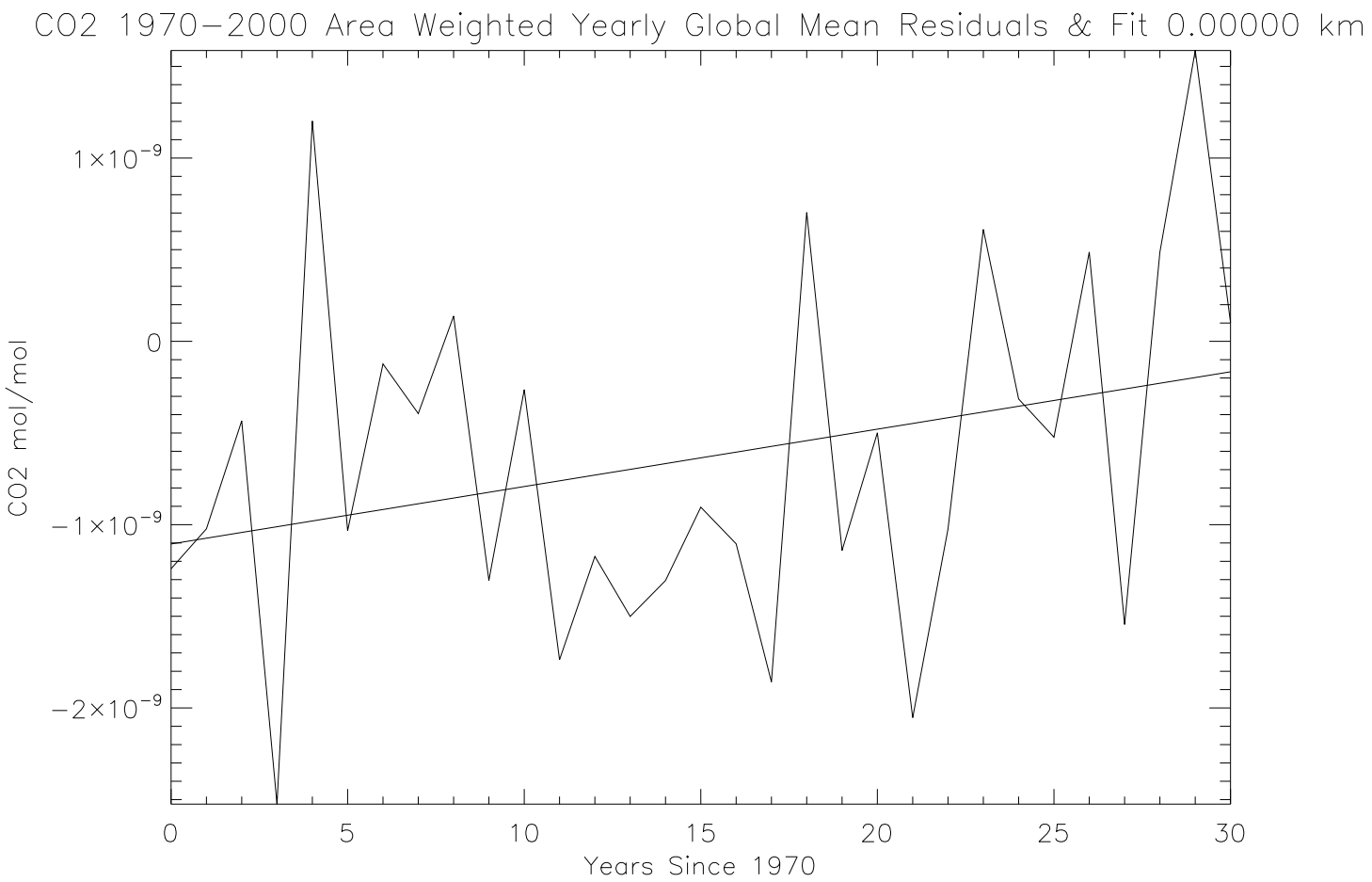

CO2 1955–2005 Area Weighted Yearly Global Mean Residuals & Fit 5.00000 km
3×10⁻⁵
2×10⁻⁵
1×10⁻⁵
0
−1×10⁻⁵
−2×10⁻⁵
CO2 mol/mol
0
10
20
30
40
50
Years Since 1955

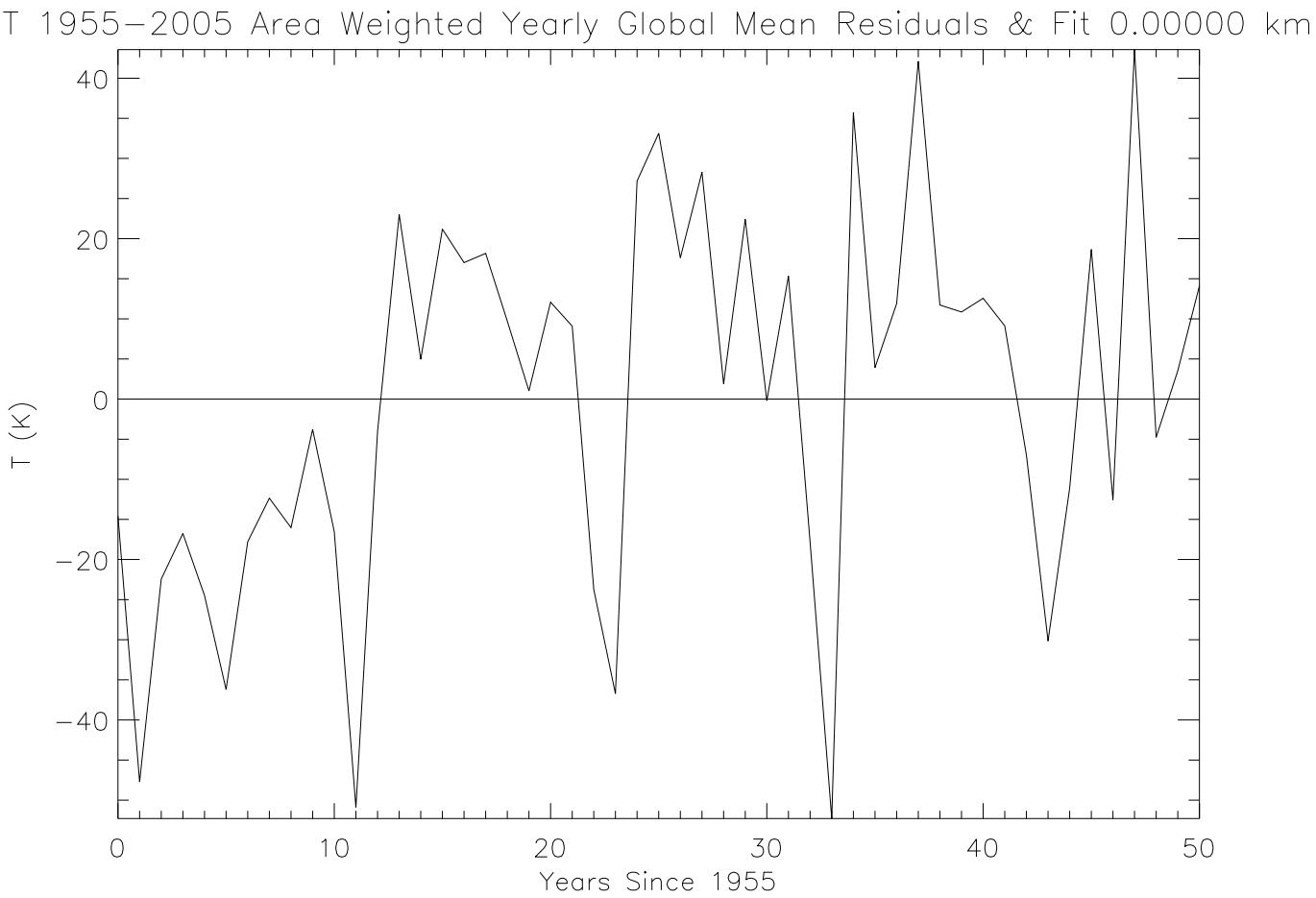

CO2 1970−2000 Area Weighted Yearly Global Mean Residuals & Fit 5.00000 km
1×10⁻⁹
0
−1×10⁻⁹
−2×10⁻⁹
CO2 mol/mol
0
5
10
15
20
25
30
Years Since 1970

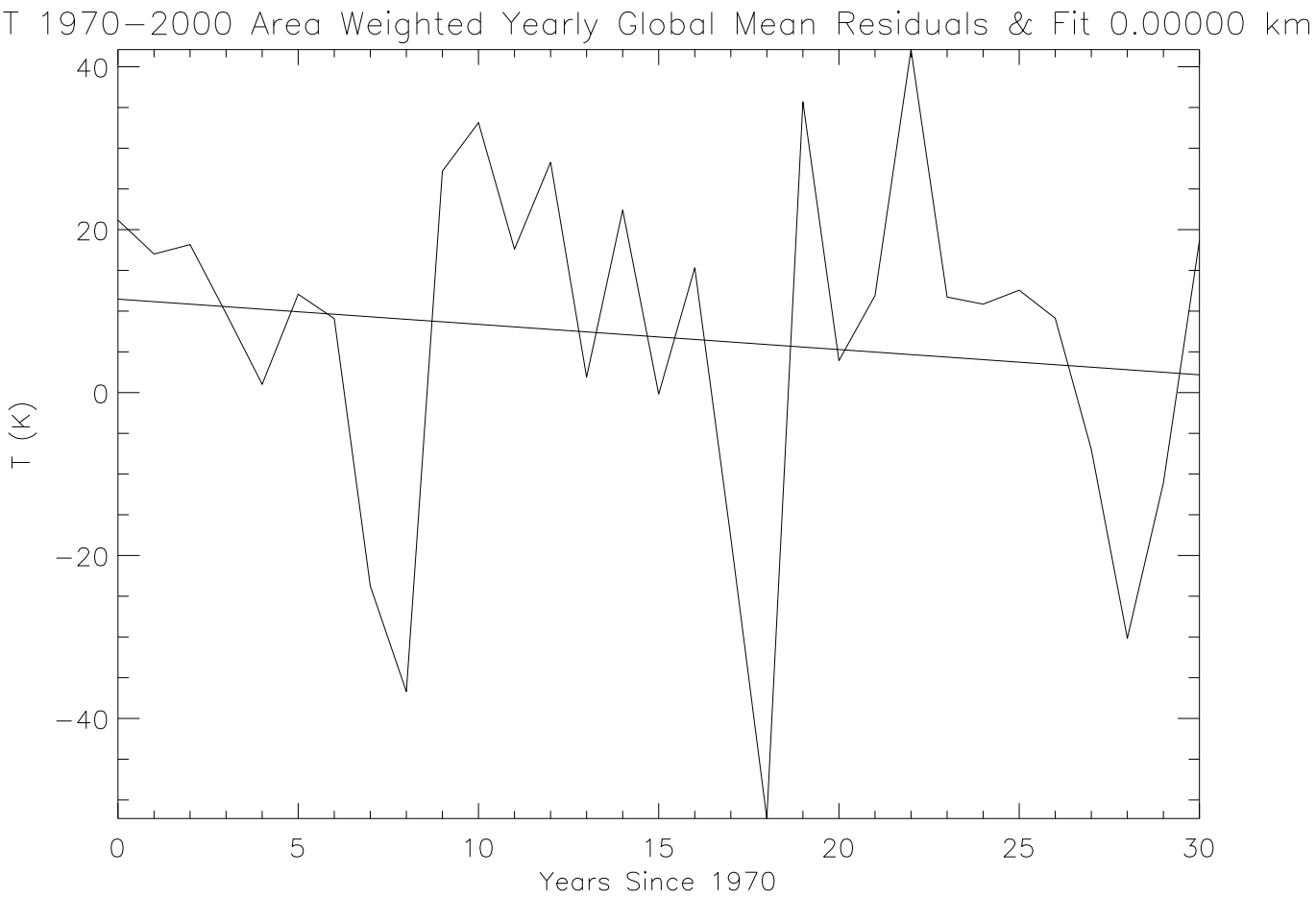

T 1955−2005 Area Weighted Yearly Global Mean Residuals & Fit 5.00000 km
T (K)
40
20
0
−20
−40
0
10
20
30
40
50
Years Since 1955


T 1970−2000 Area Weighted Yearly Global Mean Residuals & Fit 5.00000 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 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
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 0.00000 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 0.00000 km
40
20
0
−20
−40
T (K)
0
5
10
15
20
25
30
Years Since 1970