

O U R C H A N G I N G P L A N E T

TABLE 2. CLIMATE CHANGE SCIENCE PROGRAM: FY 2002-2005 SCIENTIFIC RESEARCH BUDGET BY USGCRP RESEARCH ELEMENT

[DISCRETIONARY BUDGET AUTHORITY IN \$M]

| Agency | Atmospheric Composition | Climate Variability | Carbon Cycle | Water Cycle | Ecosystems | Land Use | Human Contributions | TOTAL |
|---|----------------------------|------------------------|-----------------|----------------|--------------|-------------|------------------------|--------------|
| FY 2005 USGCRP Research Elements | | | | | | | | |
| USDA | 20.1 | 0.0 | 11.7 | 6.7 | 17.4 | 2.3 | 0.0 | 58.2 |
| DOC / NOAA | 8.8 | 47.5 | 6.6 | 9.8 | 0.0 | 0.0 | 5.4 | 78.1 |
| DOE | 12.6 | 55.1 | 13.7 | 0.0 | 18.7 | 0.0 | 5.1 | 105.2 |
| HHS | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 65.3 | 65.3 |
| DOI / USGS | 0.0 | 10.4 | 5.4 | 4.6 | 5.5 | 3.1 | 0.0 | 29.0 |
| EPA | 7.4 | 0.0 | 0.0 | 0.0 | 7.8 | 0.0 | 5.5 | 20.7 |
| NASA | 53.3 | 66.2 | 51.2 | 63.2 | 28.9 | 15.5 | 0.0 | 278.3 |
| NSF | 16.2 | 86.5 | 24.3 | 12.3 | 28.7 | 0.0 | 17.2 | 185.2 |
| SI | 0.0 | 1.3 | 0.3 | 0.0 | 3.3 | 0.8 | 0.0 | 5.7 |
| FY 2005 Total | 118.4 | 267.0 | 113.2 | 96.6 | 110.3 | 21.7 | 98.5 | 825.7 |
| FY 2004 USGCRP Research Elements | | | | | | | | |
| USDA | 20.2 | 0.0 | 11.7 | 6.7 | 18.0 | 2.3 | 0.0 | 58.9 |
| DOC / NOAA | 9.6 | 52.4 | 6.8 | 10.2 | 0.0 | 0.0 | 9.5 | 88.5 |
| DOE | 12.5 | 54.3 | 13.5 | 0.0 | 18.6 | 0.0 | 5.2 | 104.1 |
| HHS | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 63.4 | 63.4 |
| DOI / USGS | 0.0 | 10.4 | 5.4 | 4.6 | 5.5 | 3.1 | 0.0 | 29.0 |
| EPA | 8.4 | 0.0 | 0.0 | 0.0 | 7.0 | 0.0 | 5.7 | 21.1 |
| NASA | 57.3 | 67.5 | 45.8 | 50.2 | 30.5 | 16.9 | 0.0 | 268.2 |
| NSF | 16.7 | 88.1 | 24.3 | 12.3 | 29.8 | 0.0 | 17.2 | 188.4 |
| SI | 0.0 | 1.3 | 0.3 | 0.0 | 3.3 | 0.8 | 0.0 | 5.7 |
| FY 2004 Total | 124.7 | 274.0 | 107.8 | 84.0 | 112.7 | 23.1 | 101.0 | 827.3 |
| FY 2003 USGCRP Research Elements | | | | | | | | |
| USDA | 20.2 | 0.0 | 13.4 | 6.5 | 18.2 | 1.4 | 0.0 | 59.7 |
| DOC / NOAA | 10.4 | 61.2 | 7.1 | 10.8 | 0.0 | 0.0 | 9.0 | 98.5 |
| DOE | 11.5 | 69.0 | 12.7 | 0.0 | 11.7 | 0.0 | 7.0 | 111.9 |
| HHS | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 61.2 | 61.2 |
| DOI / USGS | 0.0 | 10.1 | 4.4 | 4.6 | 5.5 | 3.1 | 0.0 | 27.7 |
| USAID | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 6.0 | 6.0 |
| EPA | 9.7 | 0.0 | 0.0 | 0.0 | 7.1 | 0.0 | 5.6 | 22.4 |
| NASA | 53.0 | 62.2 | 39.4 | 43.4 | 33.7 | 8.7 | 0.0 | 240.4 |
| NSF | 16.7 | 88.1 | 24.3 | 12.3 | 29.8 | 0.0 | 17.2 | 188.4 |
| SI | 0.0 | 1.3 | 0.3 | 0.0 | 3.3 | 0.8 | 0.0 | 5.7 |
| FY 2003 Total | 121.5 | 291.9 | 101.6 | 77.6 | 109.3 | 14.0 | 106.0 | 821.9 |
| FY 2002 USGCRP Research Elements | | | | | | | | |
| USDA | 19.9 | 0.0 | 13.1 | 6.1 | 16.5 | 1.0 | 0.4 | 57.0 |
| DOC / NOAA | 10.4 | 62.1 | 7.2 | 10.9 | 0.0 | 0.0 | 10.3 | 100.9 |
| DOE | 13.2 | 70.4 | 13.0 | 0.0 | 12.8 | 0.0 | 7.9 | 117.3 |
| HHS | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 55.7 | 55.7 |
| DOI / USGS | 0.0 | 10.1 | 4.0 | 5.3 | 5.5 | 3.1 | 0.0 | 28.0 |
| USAID | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 6.0 | 6.0 |
| EPA | 0.0 | 20.0 | 0.0 | 0.0 | 1.4 | 0.0 | 0.0 | 21.4 |
| NASA | 51.5 | 64.9 | 42.0 | 51.5 | 33.0 | 0.0 | 0.0 | 242.9 |
| NSF | 16.7 | 92.1 | 21.5 | 12.7 | 30.1 | 0.0 | 14.7 | 187.8 |
| SI | 0.0 | 1.3 | 0.3 | 0.0 | 3.3 | 0.8 | 0.0 | 5.7 |
| FY 2002 Total | 111.7 | 320.9 | 101.1 | 86.5 | 102.6 | 4.9 | 95.0 | 822.7 |

Notes: Minor differences between Tables 1 and 2 totals are due to rounding. Refer to Table 1 Notes for more detail.