TABLE 4. CLIMATE CHANGE SCIENCE PROGRAM: FY 2006-2008 USGCRP SCIENTIFIC RESEARCH BUDGET BY CCSP RESEARCH ELEMENT

[DISCRETIONARY BUDGET AUTHORITY IN $M]

Agency	Atmospheric Composition	Climate Variability	Carbon Cycle	Water Cycle	Ecosystems	Land Use	Human Contributions[1]	TOTAL
FY 2008 USGCRP Research Elements								
USDA	18.3	–	11.2	4.9	14.9	0.1	–	49.4
DOC	26.2	148.9	5.1	9.9	2.0	–	6.9	199.0
DOE	12.6	64.6	10.5	–	13.2	–	5.1	106.0
HHS	–	–	–	–	–	–	49.0	49.0
DOI	1.8	5.4	1.2	4.3	5.9	7.3	0.5	26.4
DOT	0.5	–	–	–	–	–	–	0.5
EPA	6.2	–	–	–	4.9	–	5.8	16.9
NASA	77.0	83.4	48.9	92.9	40.1	19.7	28.1	390.1
NSF	20.7	79.4	31.2	17.4	20.5	2.8	11.2	183.2
SI	–	1.3	0.3	–	3.3	0.8	–	5.7
TOTAL	**163.3**	**383.0**	**108.4**	**129.4**	**104.8**	**30.7**	**106.6**	**1,026.2**
FY 2007 USGCRP Research Elements								
USDA	19.6	–	10.2	5.3	15.0	1.3	–	51.4
DOC	21.0	146.5	4.9	9.5	1.5	–	6.6	190.0
DOE	12.6	57.2	10.5	–	17.0	–	5.1	102.4
HHS	–	–	–	–	–	–	50.0	50.0
DOI	1.8	5.4	1.2	4.3	5.9	7.3	0.5	26.4
DOT	0.3	–	–	–	–	–	–	0.3
EPA[2]	5.9	–	–	–	4.3	–	6.0	16.2
NASA	79.9	80.6	46.2	93.9	39.7	20.3	28.4	389.0
NSF	20.7	78.4	30.2	16.4	20.5	2.8	11.2	180.2
SI	–	1.3	0.3	–	3.3	0.8	–	5.7
TOTAL	**161.8**	**369.4**	**103.5**	**129.4**	**107.2**	**32.5**	**107.8**	**1,011.6**
FY 2006 USGCRP Research Elements								
USDA	20.7	–	10.3	5.4	15.7	1.3	–	53.4
DOC	21.8	155.6	5.2	9.9	1.5	–	6.9	200.9
DOE	12.8	55.5	10.1	–	20.5	–	3.5	102.4
HHS	–	–	–	–	–	–	50.0	50.0
DOI	1.8	5.0	1.3	4.3	6.2	7.7	0.5	26.8
DOT	0.3	–	–	–	–	–	–	0.3
EPA[2]	7.2	–	–	–	6.5	–	4.9	18.6
NASA	85.1	85.4	50.6	94.4	45.3	22.0	38.8	421.6
NSF	19.5	74.3	25.0	18.0	21.1	2.8	11.2	171.9
SI	–	1.3	0.3	–	3.3	0.8	–	5.7
TOTAL	**169.2**	**377.1**	**102.8**	**132.0**	**120.1**	**34.6**	**115.8**	**1,051.6**

[1] Prior to FY 2007, NASA linked the Applied Sciences and the Education and Outreach programs to USGCRP Focus Areas, but not to CCSP research elements; the current table identifies these programs as contributing to the CCSP Human Contributions and Responses element for the three fiscal years addressed.

[2] Entries given in FY 2006 and FY 2007 for EPA are "enacted" budgetary amounts.

Note: Any minor discrepancies within this table and between this table and others are due to rounding.