## **Expert Reviewer: GRAY**

Chapter			<b>0</b> 1 1	<b>2</b>			Comment
Page   Line   Page   Line   Page   Line   Page   Line   Chick in the appropriate spreasheet comment cell before pasting your comment.	#	Chapter	Start	Start	End	End	** If you are cutting and pasting comments from another application into the review form, please DOUBLE-
1			Page	Line	Page	Line	
2		4			0		
4 2 10 2 30 Delete "by about twice the global average" This claim is disputable. It is based on land-based weath stationis that are likely influenced by local heating  4 2 23 2 2 3 Are you using one standard deviation two? If it is only one, then double the confidence figures for "to 5.8±3.8"  5 4 2 24 2 24 Are you using one standard deviation two? If it is only one, then double the confidence figures for "to 5.5±2.8"  6 4 2 26 2 26 Are you using one standard deviation two? If it is only one, then double the confidence figures for "to "2.7±1.4"  7 4 2 28 2 28 Are you using one standard deviation two? If it is only one, then double the confidence figures for "to "7.4±5.8"  8 4 2 36 2 36 Are you using one standard deviation two? If it is only one, then double the confidence figures for "to "7.4±5.8"  9 4 2 37 2 37 Are you using one standard deviation two? If it is only one, then double the confidence figures for "0.51±0.32" to "0.51±0.84"  9 4 2 37 2 37 Are you using one standard deviation two? If it is only one, then double the confidence figures for "0.51±0.32" to "0.51±0.84"  9 4 2 37 Are you using one standard deviation two? If it is only one, then double the confidence figures for "0.81±0.43" to "0.81±0.86"  10 4 2 42 2 42 Delete from "Taken together" to "shrinking". It is absurd to take these two different regions together 4 2 43 2 44 Replace." is more than offset" by "more than offsets". Zwally et al 2005 have shown that this is so. Y statement is wrong  11 4 2 45 2 47 Replace from "between" in line 45 to "2005" in line 47 with "+11±3Gt from 1992 to 2002" This is fron et al 2005.  12 4 8 9 2 49 10 Insert after "2003". "-31±12Gt for 1992-2002". This again, the most accurate, from Zwally et al 2005.  13 4 2 49 2 50 Delete from "Axcceleration on line 49 to "Greenland" on line 50. The statement is untrue.  4 2 12 17 You should announce from the start what is meant by your confidence limits. If they are only one standard deviation two? If it is only one, then double the confidence figures for "to "1.2±1.2"  1 Y							·
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#	Chapter	Start Page	Start Line	End Page		Comment  ** If you are cutting and pasting comments from another application into the review form, please DOUBLE- CLICK in the appropriate spreadsheet comment cell before pasting your comment.  ** Only ONE comment per row, please.
23	4	22	23	22		Delete "strong"
24	4	22	25	22	25	Add at end "Zwally et al.(2005) found a thinning of the Greenland ice sheet at the margins of -42±2 Gt, but a growing, inland, of +53±2Gt; a net increase of +11±3"
25	4	22	23	22	23	Replace "2006" with "2005"
26	4	23	39	23		Replace "(in press)" with "(2005)"
27	4	45	19	45		Replace "in press" with "Vol 51, pages 509-527"
28	4	46	38	46		Replace "sheets" by "sheets"
29	4	46	38	46		Insert after "Greenland" "is growing"
30	4	46	39	46		Replave "Antarctica are" by Antarctic ice is"
31	4	46	39	46		Replace "0.4±0.4" by "0.4±0.8"., to convert to 95 % confidence limits
	4	17	37	17	37	Amend the figures for Greenland, using the figures found by Zwally et al 2005, who found that Greenland
32						was increasing by +16±11Gt between 1992 and 2002
33	4	46	24	46		Replace "2.7±0.7" by "2.7±1.4", to convert to 95% confidence limits
34	4	46	25	46		Replace "0.5±0.9" by "0.5±1.8", to convert to 95% confidence limits
35	4	46	27	46		Replace "7.4±.9" by "7.4±5.8", to convert to 95% confidence limits
36	4	46	34	46	34	Replace "0.51±0.32" by "0.51±0.64", to convert to 95% confidence limits
37	4	46	36	46		Replace "0.81±0.43" by "0.81±0.86", to convert to 95% confidence limits
38	4	46	38	46	38	Replace "0.4±0.4" by "0.4±0.8", to convert to 95% confidence limits
39	4	46	50	46	50	Insert after "that" "recent"
40	4	46	56	46	56	Insert after "of "recent"
41	4	65		65		This diagram should be redrawn with the more recent data of Zwally et al (2005)
42	4	66		66		This diagram should be redrawn with the more recent data of Zwally et al (2005)
43	4	0		1		It is dishonest to use the results of Zwally et al (2005) for Antarctica, because they show a shrinking, and suppress their results for Greenland, because they show an increase, of which you evidently disapprove.
44	4	17	12	17	12	Add at end. "Box 3. Figure 1 shows as many glaciers advancing as retreating"
45	4	2	39	2		Insert after "Canada" "There were, hovever, mass gains in Canada, the Alps, Himalayas, Mt Kenya and New Zealand (Box 6.3. Figure 1)"