Expert Reviewer: GRAY

#	Chapter	Start Page	Start Line	End Page	End Line	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. **
1	4	2	9	2	9	Replace "correlated with" with "influenced by"
2	4	2	9	2	9	Insert after "century . "or so."
3	4	2	10	2	10	Delete "by about twice the global average" This claim is disputable. It is based on land-based weather statioins that are likely influenced by local heating
4	4	2	23	2	23	Are you using one standard deviationo two? If it is only one, then double the confidence figures in "5.8±1.9" to "5.8±3.8"
5	4	2	24	2	24	Are you using one standard deviationo two? If it is only one, then double the confidence figures for " 6.5±1.4" to 6.5±2.8"
6	4	2	26	2	26	Are you using one standard deviationo two? If it is only one, then double the confidence figures for " 2.7±0.7" to "2.7±1.4"
7	4	2	28	2	28	Are you using one standard deviationo two? If it is only one, then double the confidence figures for " 7.4±2.9" to "7.4±5.8"
8	4	2	36	2	36	Are you using one standard deviationo two? If it is only one, then double the confidence figures for "0.51±0.32" to "0.51±0.64"
9	4	2	37	2	37	Are you using one standard deviationo 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
11	4	2	43	2	43	Replace ".is more than offset" by "more than offsets". Zwally et al 2005 have shown that this is so. Your statement is wrong
12	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 from Zwally et al 2005.
13	4	2	48	2	48	Delete "and"
14	4	2	49	2	49	Insert after ."2003". "-31±12Gt for 1992-2002". This again, the most accurate, from Zwally et al 2005
15	4	2	49	2	50	Delete from "Axcceleration on line 49 to "Greenland" on line 50. The statement is untrue.
16	4	3	9	3	9	Are you using one standard deviationo two? If it is only one, then double the confidence figures for "1.2±0.6" to "1.2±1.2"
17	4	2	12		1	You should announce from the start what is meant by your confidence limits. If they are only one standard deviation they must all be doubled to give 95% confidence limits
18	4	3	15	3	15	Insert before "changes" (with lower case), "Calculations suggest that"
19	4	3	16	3	16	Delete "significantly" This usually has a statistical connotation, absent here
20	4	3	17	3	17	Delete "crucial" Don't exaggerate
21	4	3	19	3	19	Delete "tiny" Don't exaggerate
22	4	22	23	22	23	Delete "slight"

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23	4	22	23	22	23	Delete "strong"
24	4	22	25	22	25	Add at end "Zwally et al.(2005) found a thinnng 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	39	Replace "(in press)" with "(2005)"
27	4	45	19	45	19	Replace "in press" with "Vol 51, pages 509-527"
28	4	46	38	46	38	Replace "sheets" by "sheets"
29	4	46	38	46	38	Insert after "Greenland" "is growing"
30	4	46	39	46	39	Replave "Antarctica are" by Antarctic ice is"
31	4	46	39	46	39	Replace "0.4±0.4" by "0.4±0.8"., to convert to 95 % confidence limits
32	4	17	37	17	37	Amend the figures for Greenland, using the figures found by Zwally et al 2005, who found that Greenland was increasing by +16±11Gt between 1992 and 2002
33	4	46	24	46	24	Replace "2.7±0.7" by "2.7±1.4", to convert to 95% confidence limits
34	4	46	25	46	25	Replace "0.5±0.9" by "0.5±1.8", to convert to 95% confidence limits
35	4	46	27	46	27	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	36	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	39	Insert after "Canada" "There were, hovever, mass gains in Canada, the Alps, Himalayas, Mt Kenya and New Zealand (Box 6.3. Figure 1)"