Responses to Editor (Julian Mak)

Public justification (visible to the public if the article is accepted and published):
This version is much better, almost there (line numbers refer to tracked version):

Once again, we would like to warmly thank the Editor for his constructive suggestions to help finalizing the manuscript. Our responses are provided below in black, while the Editor's comments are reproduced in blue.

* I am seeing a lot of new lines as well as some clear paragraph breaks (clear separation between paragraphs by a blank line), and it's a little confusing whether these are all as intended by the authors. I don't know if this is a Word artifact, but can the authors please either join up the lines accordingly by removing all the instances of new lines that are not paragraph breaks, and/or be very clear that the only breaks present are those with a blank line separation or similar?

Correction added throughout the text: new lines that are not paragraphs breaks were removed, and paragraph breaks represents new paragraphs.

* line 39: "...which generate..." -> "..., which CAN generate..." with the comma before "which" to be consistent with usage elsewhere (e.g. line 43)
Correction added line 40.

* line 71: probably "As for example..." -> "For example..."
Correction added line 71.

* line 101: don't need the "more"
Correction added line 101.

* line 148: here "1/4" is used by some other places it is the word symbol for 1/4 that is used (e.g. line 125), be consistent
Correction added throughout the text.

* line 153: need to state what the chosen length scale is also, or even better state what the implied maximum value is (it's outputted I think in ocean.output under ldfeiv)
Correction added line 151-152.

* line 181: "...between two VERTICAL GRID cells."
Correction added line 189.

* line 202: comma before "which" as above
Correction added line 200.

* below Eq. 1: the "parameters" here don't "integrate" the equation. Could do "...where g is the gravitational acceleration, F_b is the plume buoyancy acceleration ETC. ETC."
Correction added line 206-207.

* all equations: Equations are part of the sentence and need some punctuation accordingly (e.g. full stop in Eq. 2, probably commas in Eq 3 etc.)

Punctuations added to all equations.

* line 413: the dashes here should be minus signs (in math font, cf. line 395 formatting with the minus signs)
Correction added line 405-406.

* line 460: these should be dashes not minus signs
Correction added line 452.

* line 471: as above, dash
Correction added line 471.

* fig 5c legend: should be minus signs
Correction added to Fig. 5c.

* fig 5 caption: there seems to be a space in the last "0 -700" when the beginning of caption has "0-700" with no space
Correction added line 494.

* line 597: should be dashes not minus signs or long dashes to be consistent with later usage
Correction added line 588.

* fig 10 caption: the "y" in "y-axis" should be in math font (since your z at some point is in math font)
Correction added line 686.