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Thematic vent opening probability maps and hazard assessment of small-scale pyroclastic density currents in the San Salvador volcanic complex (El Salvador) and Nejapa-Chiltepe volcanic complex (Nicaragua)

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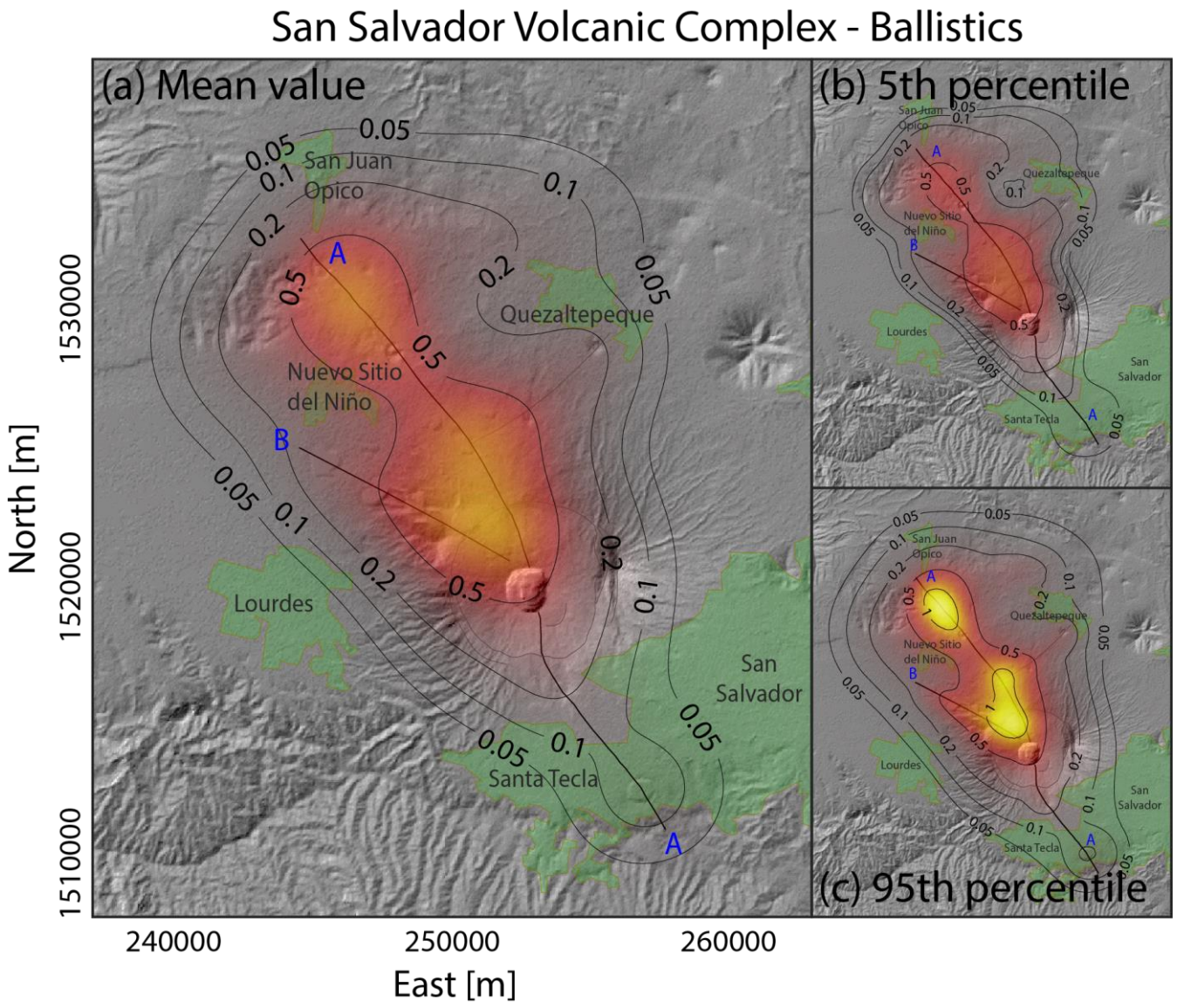

Figure S1: Density distribution of the probability of vent opening at San Salvador Volcanic Complex, associated with the occurrence of volcanic activity able to produce ballistic fragments. (a) Mean value. (b) 5th percentile. (c) 95th percentile. Results are expressed in percentage per km^2.

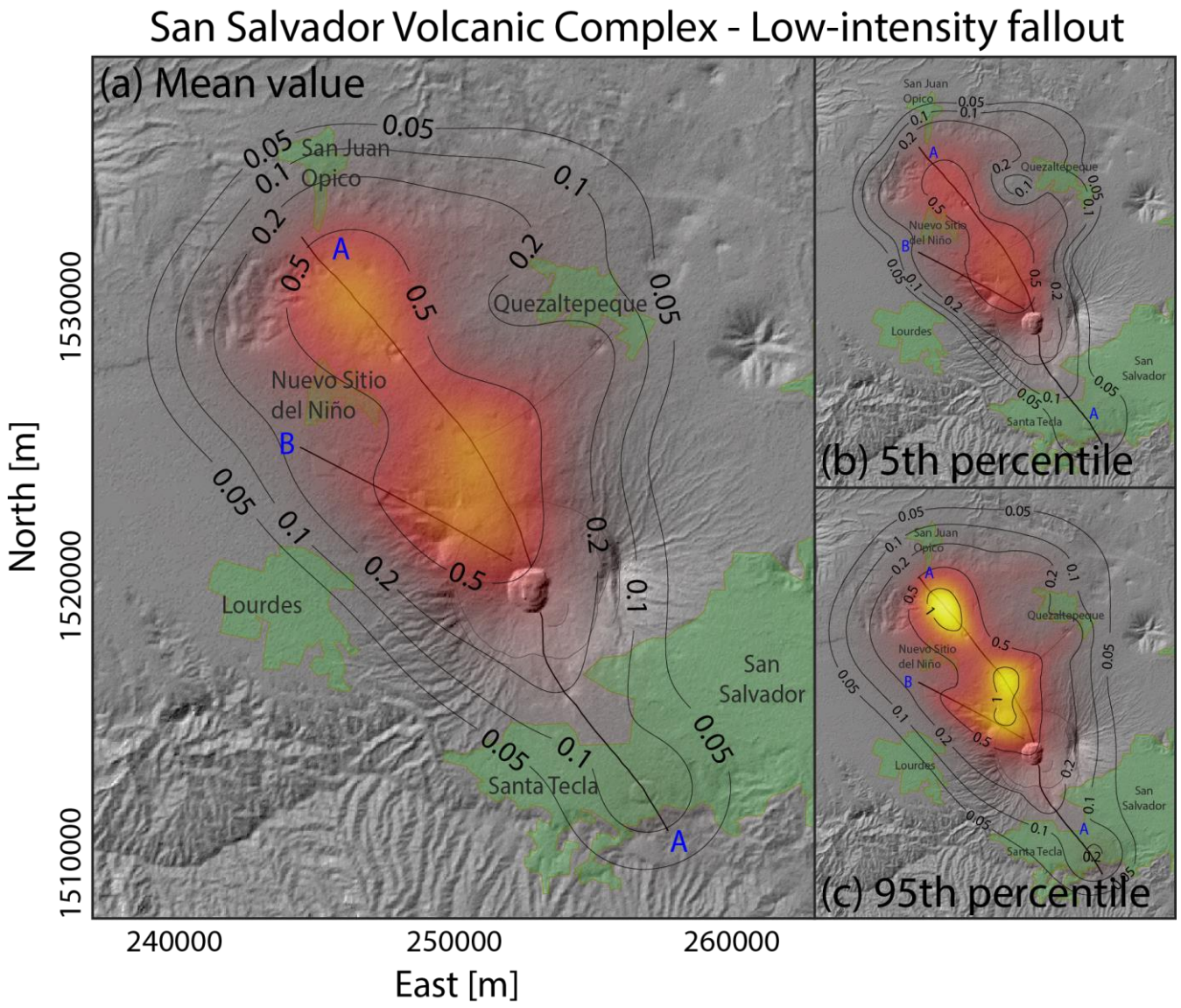

Figure S2: Density distribution of the probability of vent opening at San Salvador Volcanic Complex, associated with the occurrence of volcanic activity able to produce low-intensity fallout pyroclastic deposits. (a) Mean value. (b) 5th percentile. (c) 95th percentile. Results are expressed in percentage per km^2.

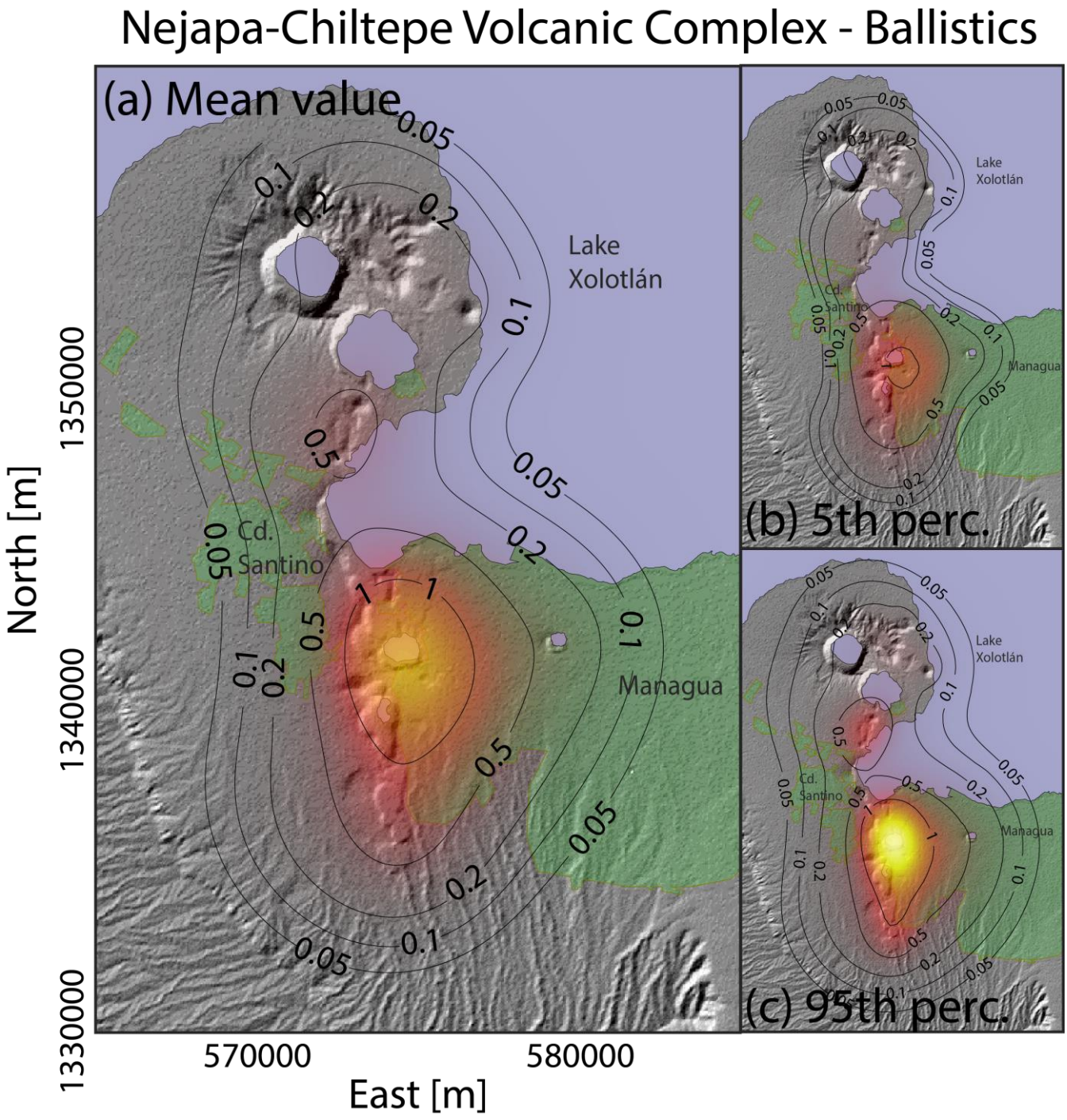

Figure S3: Density distribution of the probability of vent opening at Nejapa-Chiltepe Volcanic Complex, associated with the occurrence of volcanic activity able to produce ballistic fragments. (a) Mean value. (b) 5th percentile. (c) 95th percentile. Results are expressed in percentage per km^2.

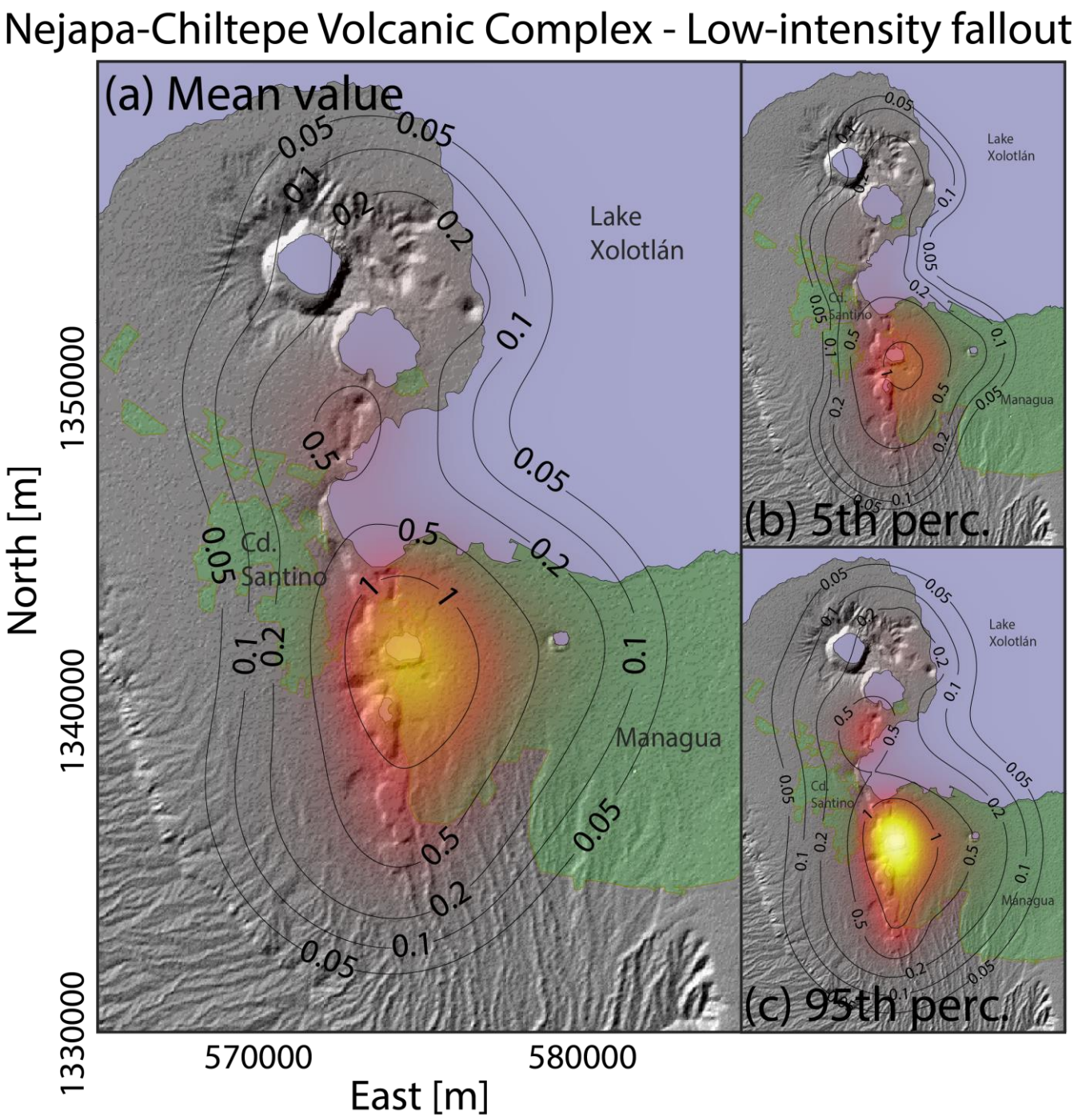

Figure S4: Density distribution of the probability of vent opening at Nejapa-Chiltepe Volcanic Complex, associated with the occurrence of volcanic activity able to produce low-intensity fallout pyroclastic deposits. (a) Mean value. (b) 5th percentile. (c) 95th percentile. Results are expressed in percentage per km^2.

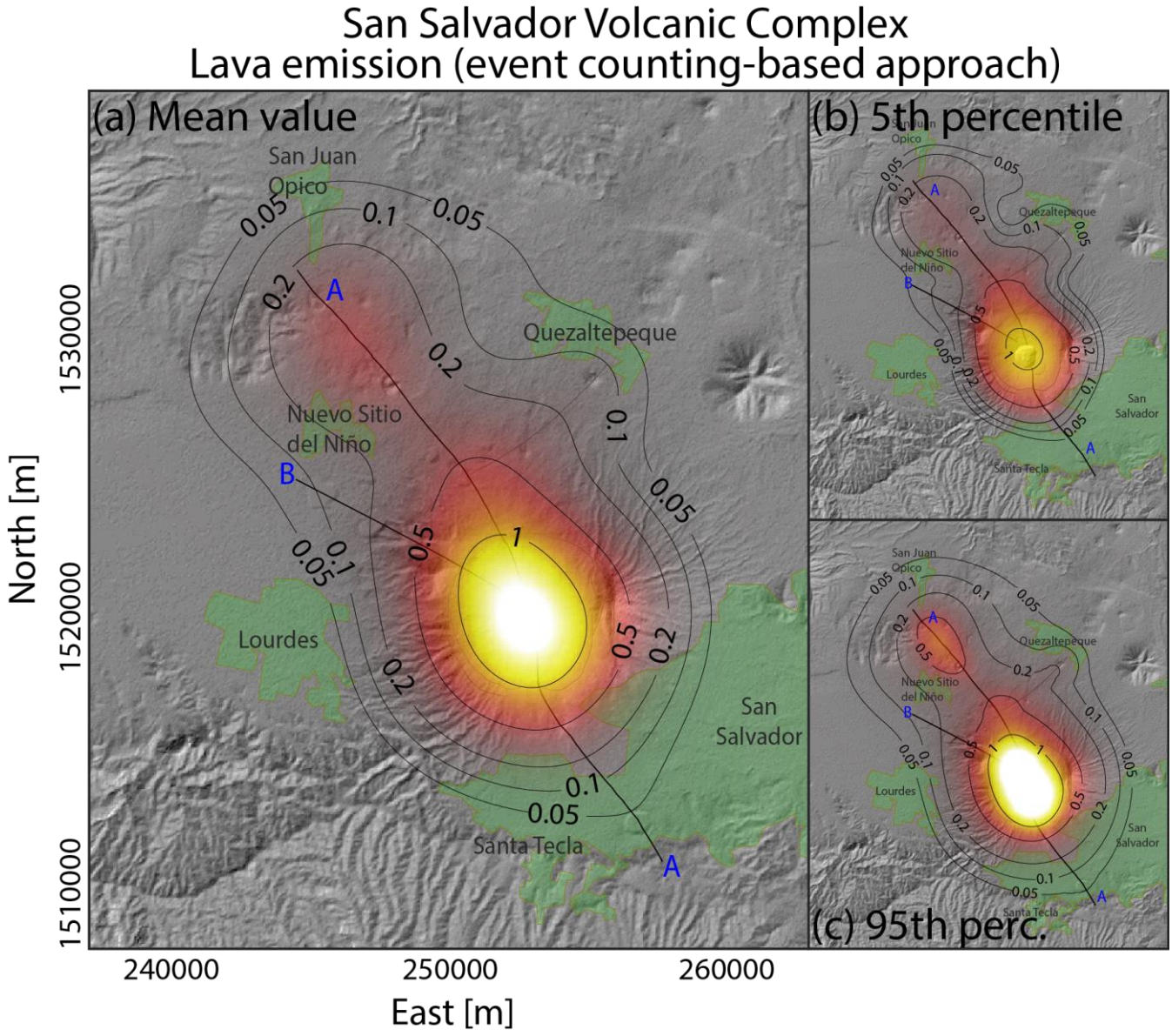

Figure S5: Density distribution of the probability of vent opening at San Salvador Volcanic Complex computed using an event counting-based approach (i.e. the polygenetic central vent presents a weight higher than monogenetic vents). These maps are associated with the occurrence of volcanic activity able to produce lava flows. (a) Mean value. (b) 5th percentile. (c) 95th percentile. Results are expressed in percentage per km^2.

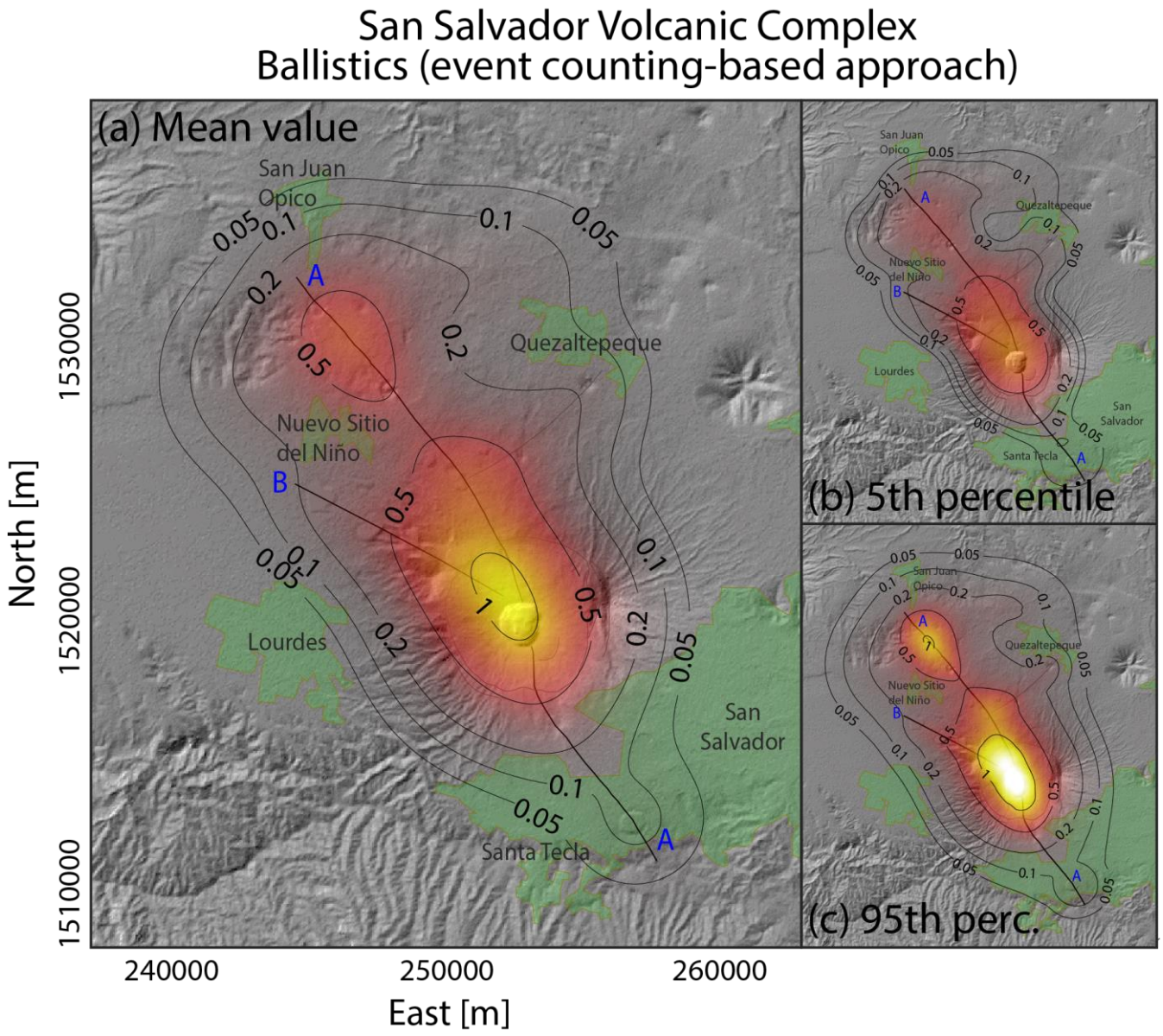

Figure S6: Density distribution of the probability of vent opening at San Salvador Volcanic Complex computed using an event counting-based approach (i.e. the polygenetic central vent presents a weight higher than monogenetic vents). These maps are associated with the occurrence of volcanic activity able to produce ballistic fragments. (a) Mean value. (b) 5th percentile. (c) 95th percentile. Results are expressed in percentage per km^2.