

Supplementary Materials:

Spatial-Temporal Changes of Methane Content in the Atmosphere for Selected Countries and Regions with High Methane Emission from Rice Cultivation

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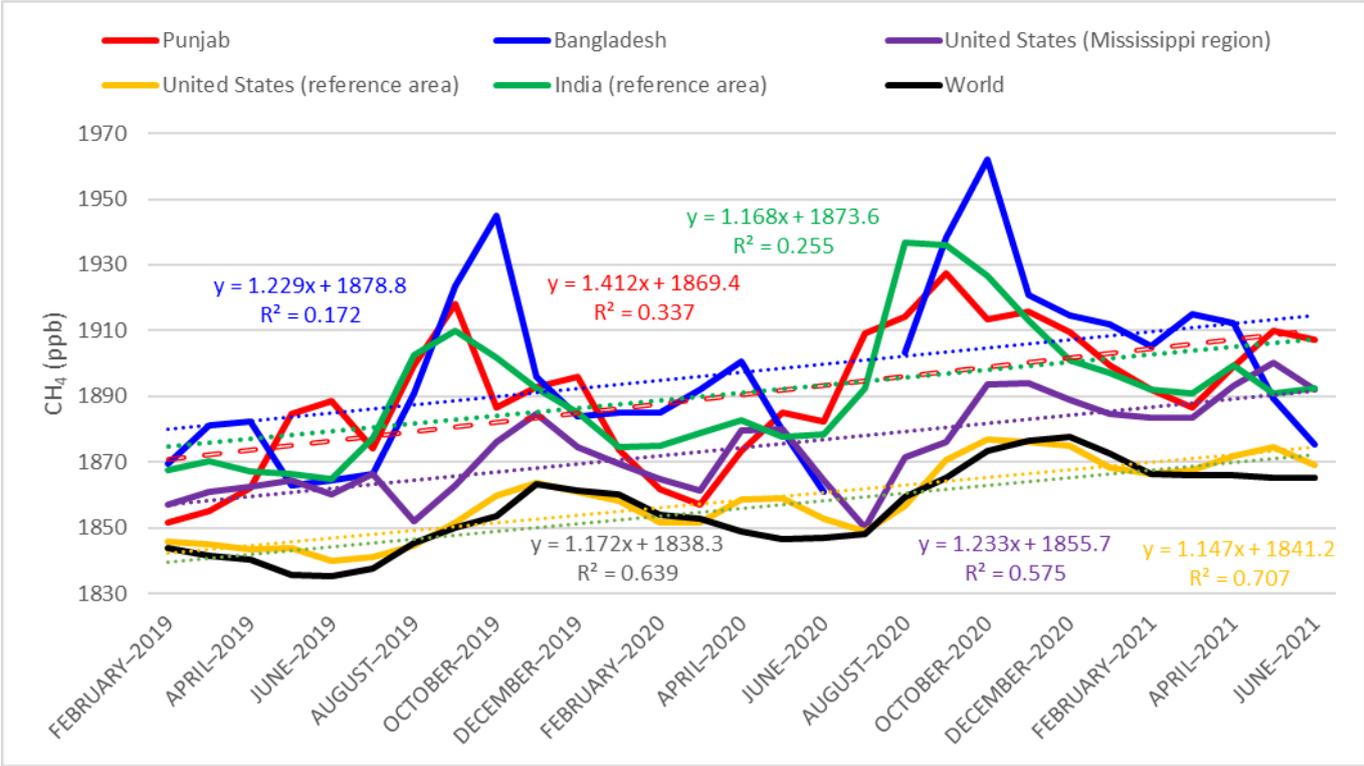


Figure S1. Temporal changes in selected countries/regions and total world (limited to latitudes between 60°S and 60°N) of CH₄ content based on Sentinel-5P data (in ppb) and regression equations presenting relationships between CH₄ content (y) and subsequent 1-month periods (x).

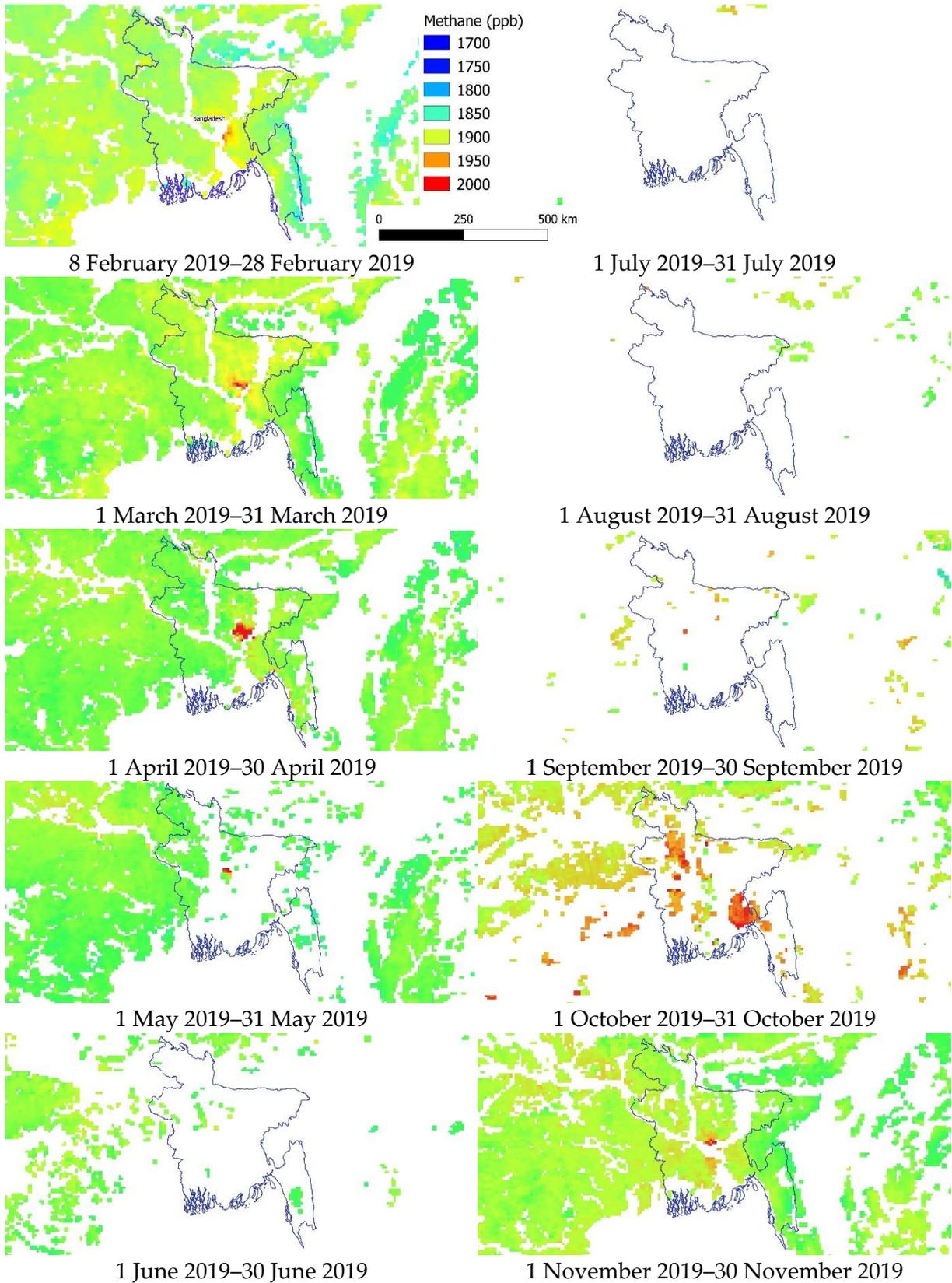


Figure S2. CH₄ content in Bangladesh in subsequent 1-month periods.

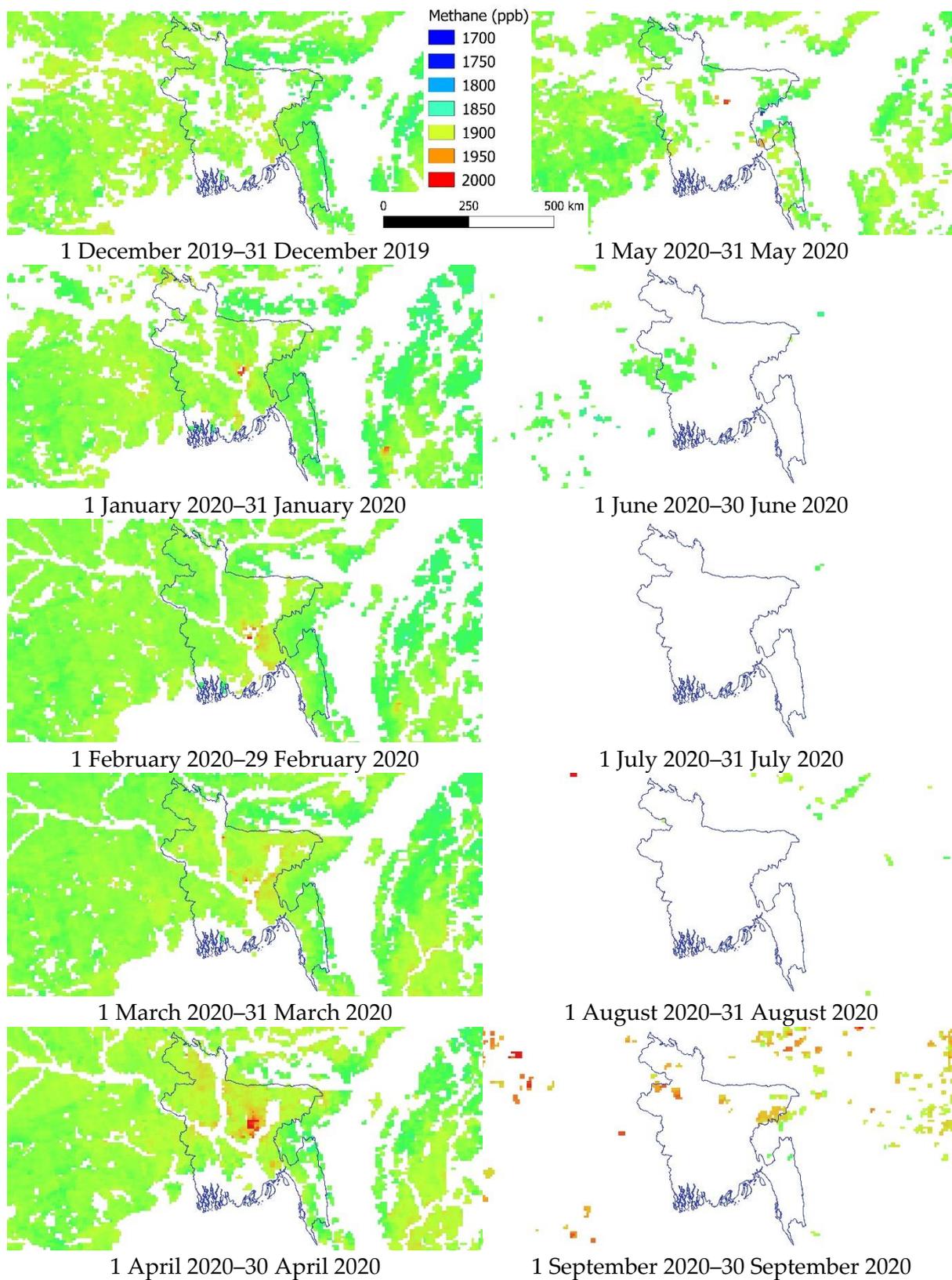


Figure S2. CH₄ content in Bangladesh in subsequent 1-month periods. (continued)

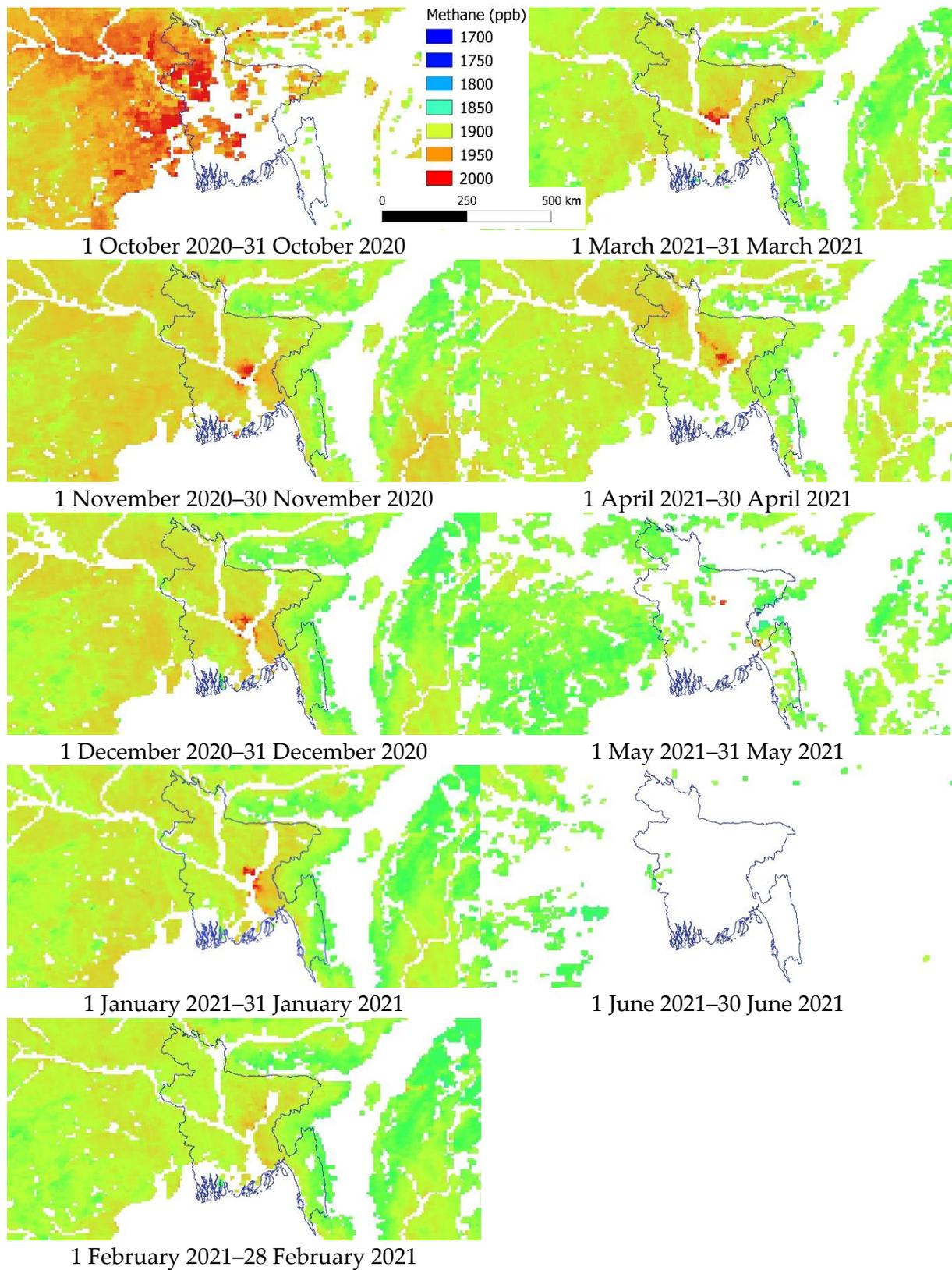


Figure S2. CH₄ content in Bangladesh in subsequent 1-month periods. (continued)

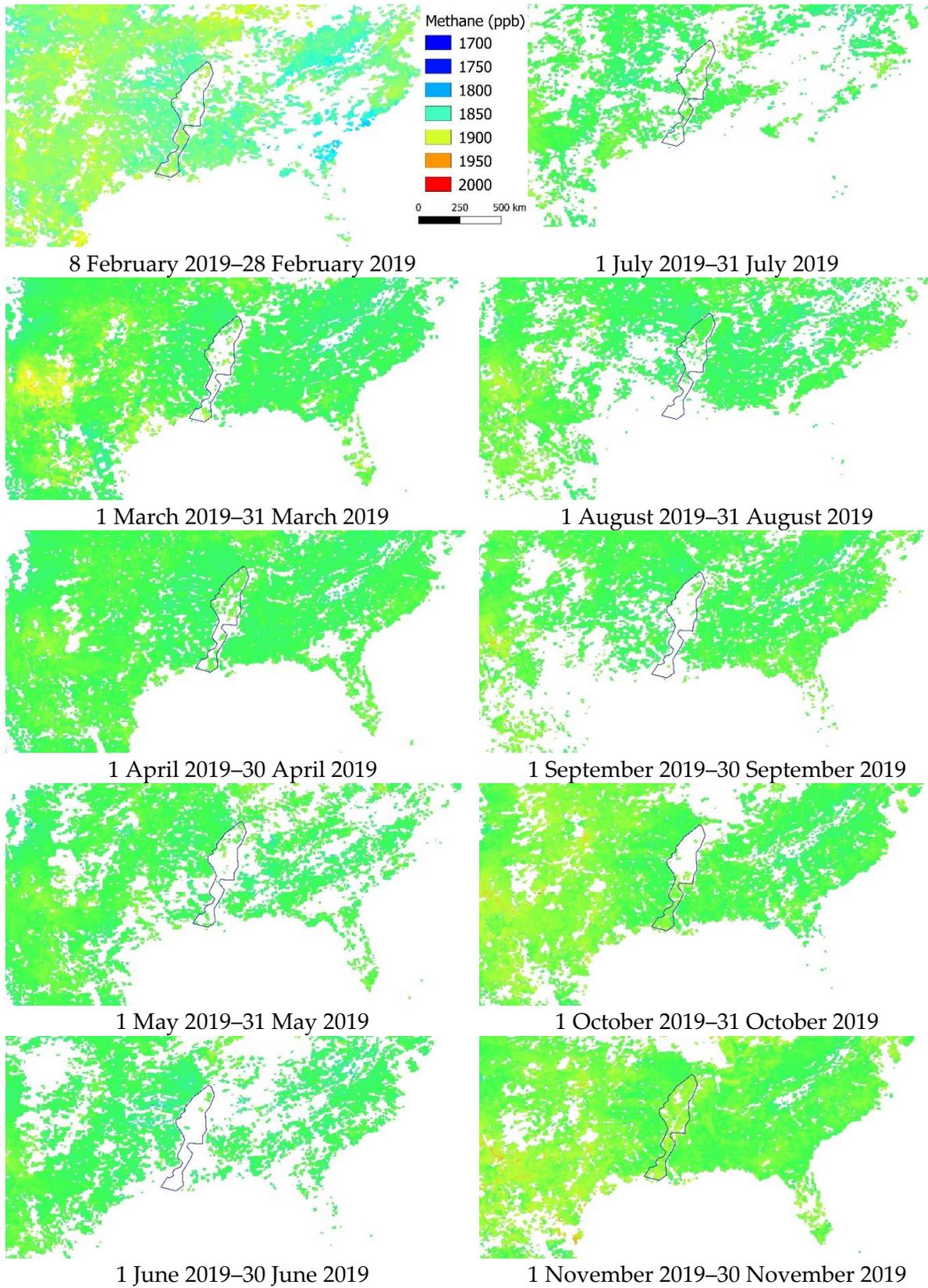


Figure S3. CH₄ content in Mississippi valley (United States) in subsequent 1-month periods.

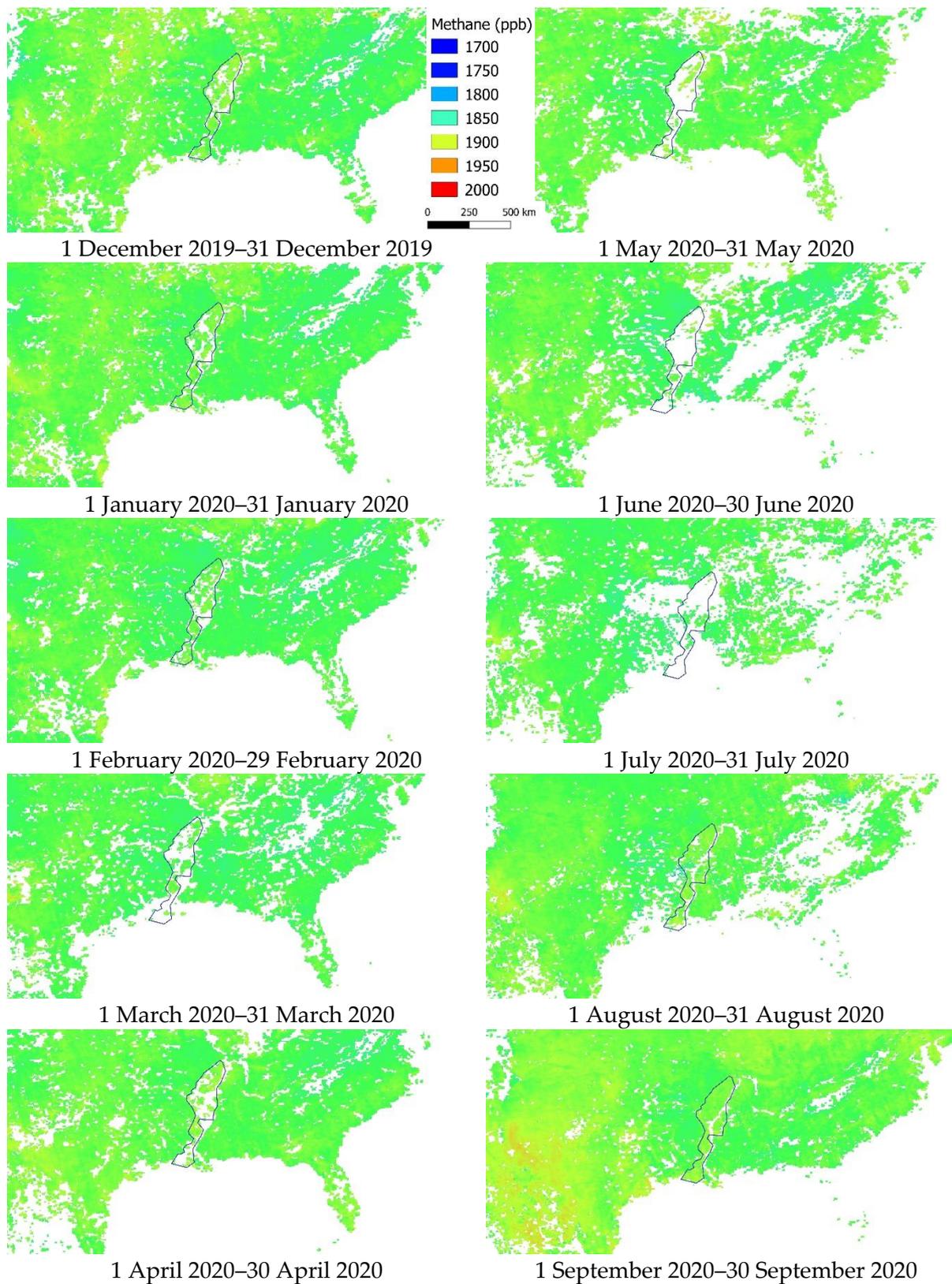


Figure S3. CH₄ content in Mississippi valley (United States) in subsequent 1-month periods. (continued)

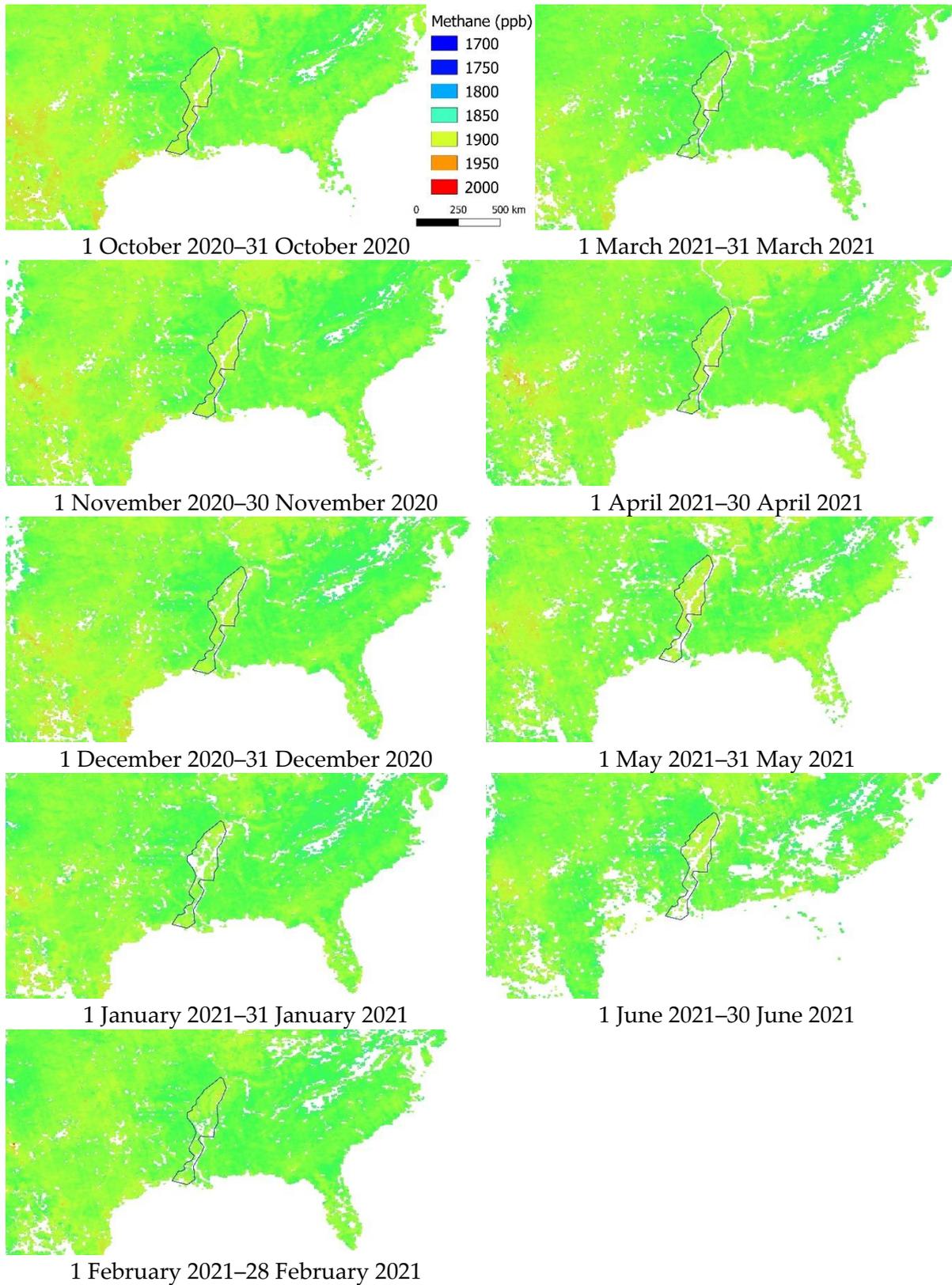


Figure S3. CH₄ content in Mississippi valley (United States) in subsequent 1-month periods. (continued)

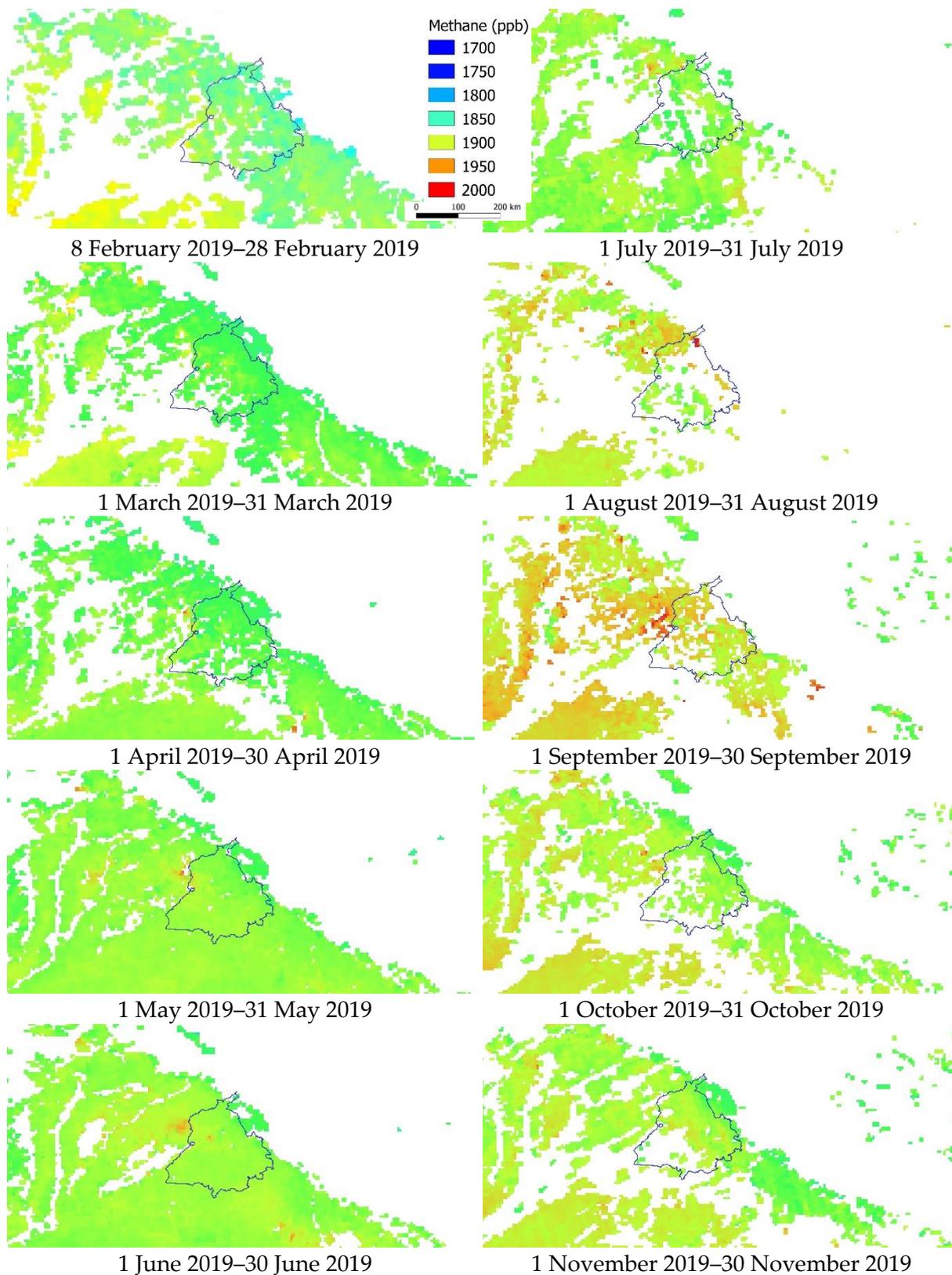


Figure S4. CH₄ content in Punjab state (India) in subsequent 1-month periods.

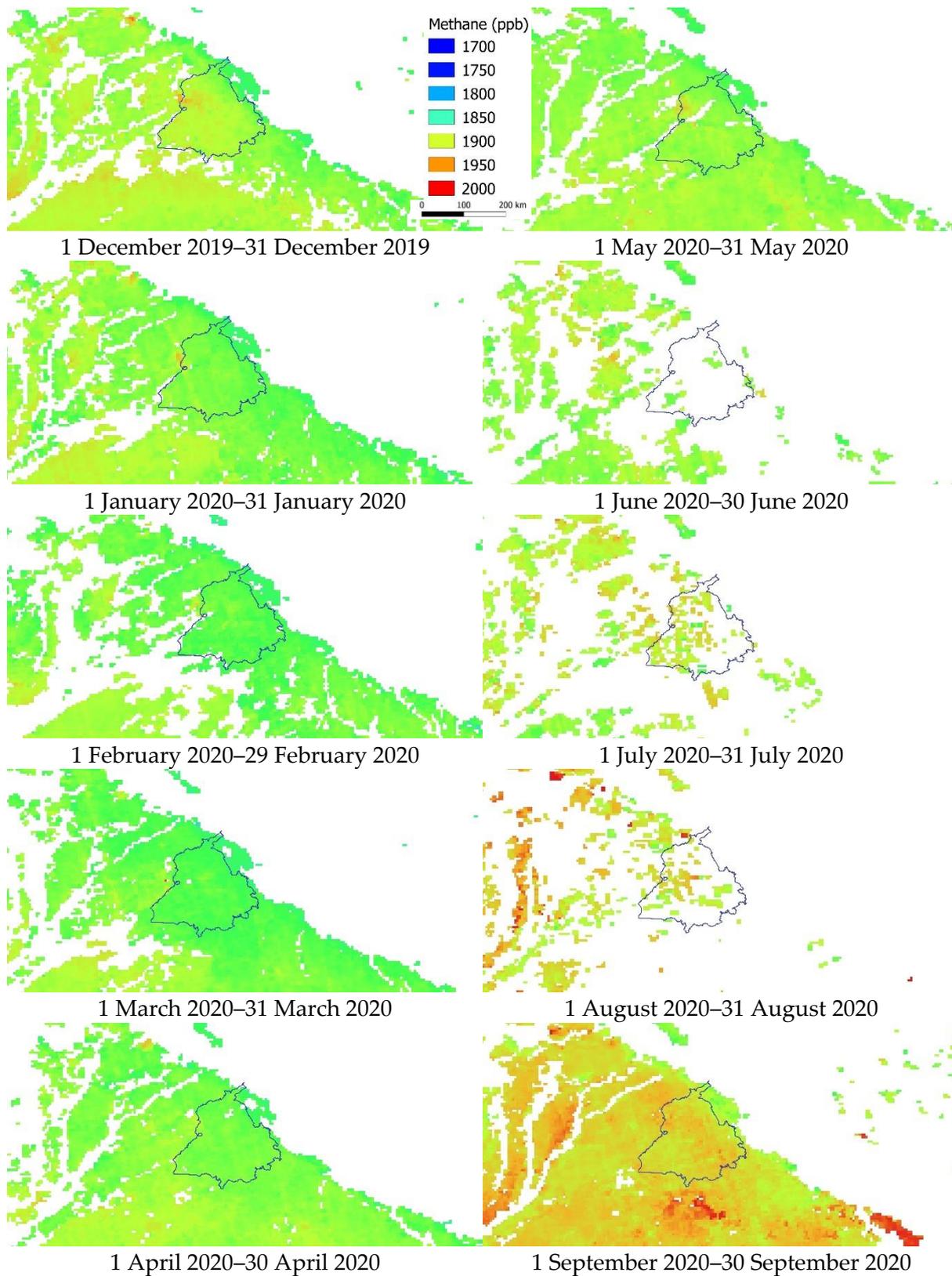


Figure S4. CH₄ content in Punjab state (India) in subsequent 1-month periods.(continued)

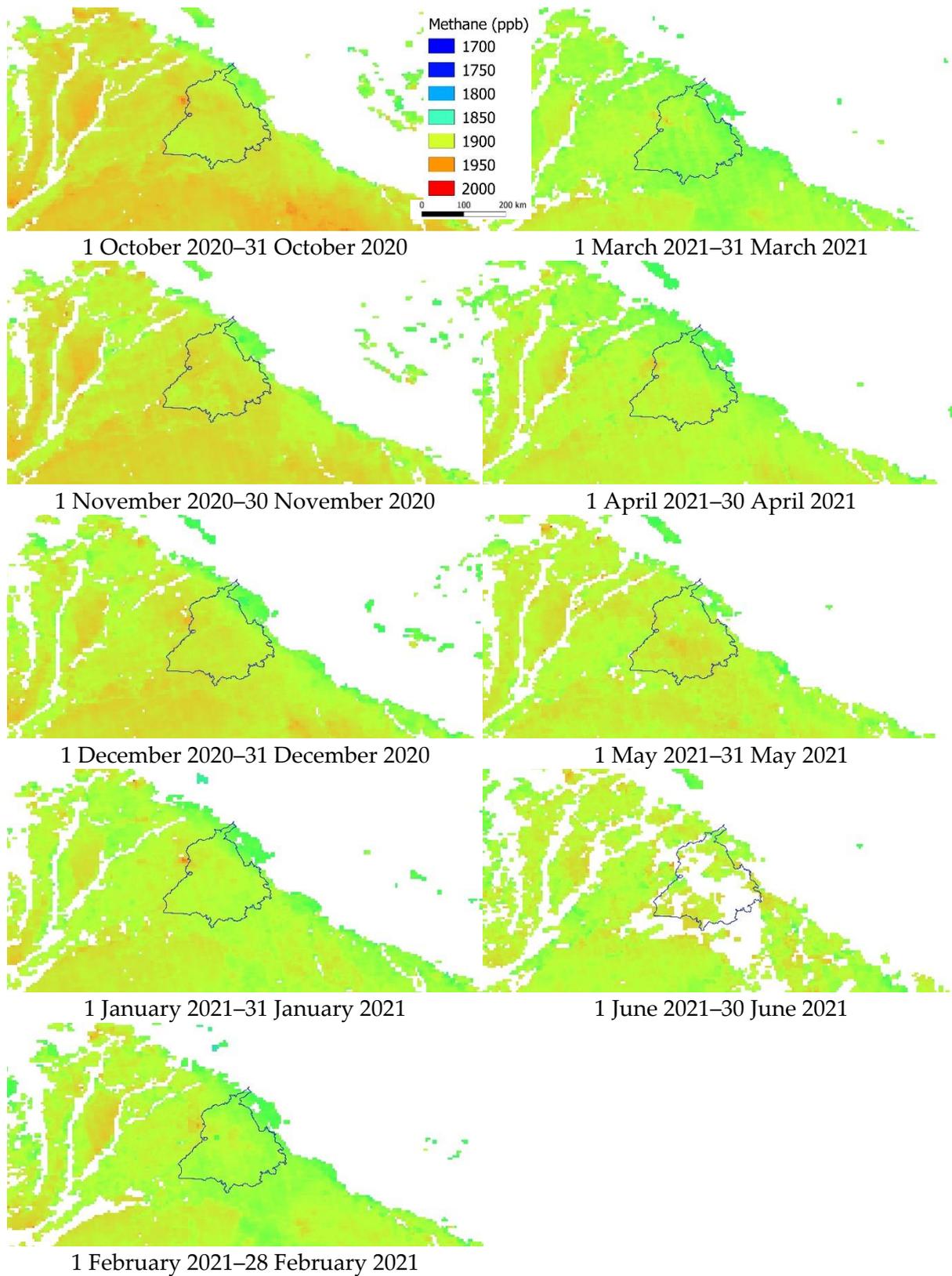


Figure S4. CH₄ content in Punjab state (India) in subsequent 1-month periods. (continued)