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Supplement of

Structural weakening of the Merapi dome identified by drone photogrammetry after the 2010 eruption

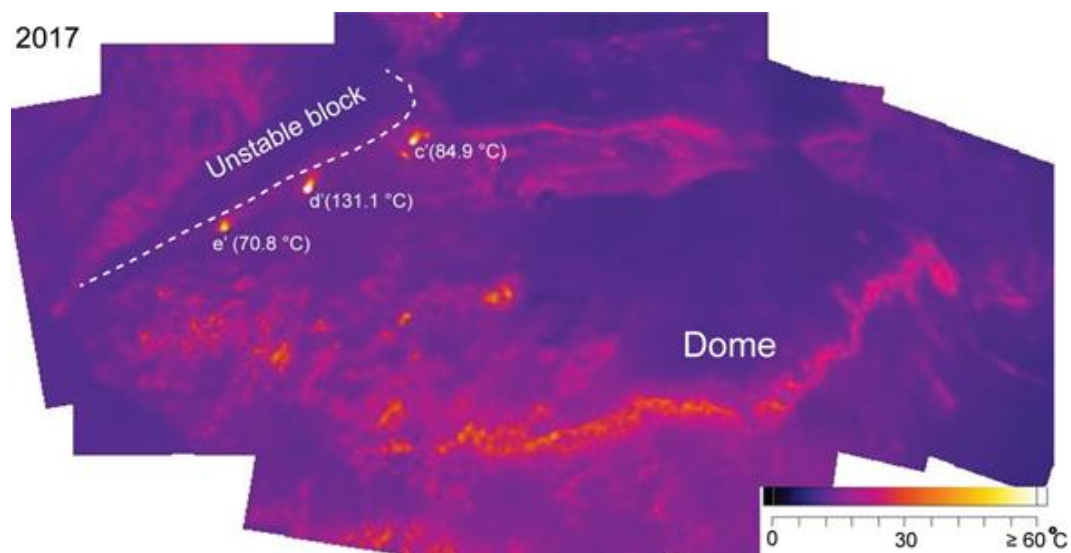
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Supplementary Material

Photomosaic of thermal images acquired in September 2017 shows that the dome surface has average apparent temperature of ~ 10 °C. Three thermal fractures (c', d', and e') at the horseshoe-shaped structure were clearly identified with maximum apparent temperature of 84.9 °C, 131.1 °C, and 70.8 °C, respectively. The apparent temperature of thermal fracture e has increased from 30.6 to 70.8 °C between 2014 and 2017 which may indicate increasing of hydrothermal fluids activity.



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