**Fig. S1:** Properties of objects (a, b, e, and f) and CSs (c and d) over land (left panel) and bay (right panel). Top panel – size, middle panel – lifespan, bottom panel – cloud-top mean temperature normalized distribution. Total number of CSs over land in July-August (only July for lifespan) during EV phase are 459 (293) and during SV phase are 157 (46). Similarly, over the bay these numbers are 306 (194) and 43(9).
Fig. S2: Similar to Fig. 11. a) and b) 3 July 2010; c) and d) 22 July 2012; e) and f) 18 July 2015.
Fig. S3: Similar to Fig. 12. a) July 2010; b) July 2012; c) July 2014; d) July 2015