

Hurricane Sally – Flood Inundation on September 15th and 16th

production date 9/18/2020

Map Produced by the Radar Produced Inundation Diary (RAPID) system running at Eversource Energy Center, School of Engineering, University of Connecticut.

Data source: ESA Sentinel-1

Flood maps of the event in raster format are available from:



<https://rapid-nrt-flood-maps.s3.amazonaws.com/index.html#Global Flood Event/Hurricane Sally 2020/>

Algorithm References

- [1] X. Shen, E. N. Anagnostou, G. H. Allen, G. R. Brakenridge, and A. J. Kettner, "Near Real-Time Nonobstructed Flood Inundation Mapping by Synthetic Aperture Radar," *Remote Sensing of Environment*, vol. 221, pp. 302-335, 2019.
- [2] Q. Yang, X. Shen, E. N. Anagnostou, C. Mo, J. R. Eggleston, and A. J. Kettner, "A High-Resolution Flood Inundation Archive (2016–19) from Sentinel-1 SAR Imageries over CONUS," *Bulletin of American Meteorological Society*, vol. (proposal accepted), 2020.



Legend

-  Flood inundation
-  Dry reference

