

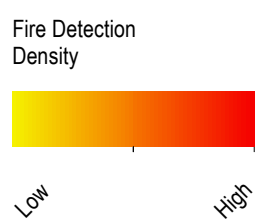


Fire Detections in Buthidaung, Maungdaw, and Rathedaung Townships of Rakhine State in Myanmar

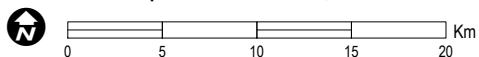
This map illustrates areas of satellite detected fires in Buthidaung, Maungdaw, and Rathedaung Townships in the Maungdaw and Sittwe Districts of Rakhine State in Myanmar. Analysis used satellite- fire detections collected by the Moderate Resolution Imaging Spectroradiometer (MODIS) and the Visible Infrared Imaging Radiometer Suite (VIIRS) on multiple dates from 25 August to 25 November 2017. A total of 171 fires were detected in different areas across Rathedaung, Buthidaung and Maungdaw townships during this period. While fire detections were spread out across the entire period analyzed, some notable clusters occurred on 28 August, 29 August, 3 September, 15 September, 25 September, 9 October, and 6 November, as indicated in the map. Days of peak fire detection occurred on 28 August and 15 September as indicated in the chart. Note that due to cloud cover and satellite overpass times many fires occurring in the area during this period would not have been detected, and are generally only detected if the satellites are overhead while the fire is sufficiently active and clouds are not interfering. This is a preliminary analysis and has not yet been validated in the field. Please send ground feedback to UNITAR - UNOSAT.

Legend

- Provincial capital
- Populated place
- International boundary
- Township boundary

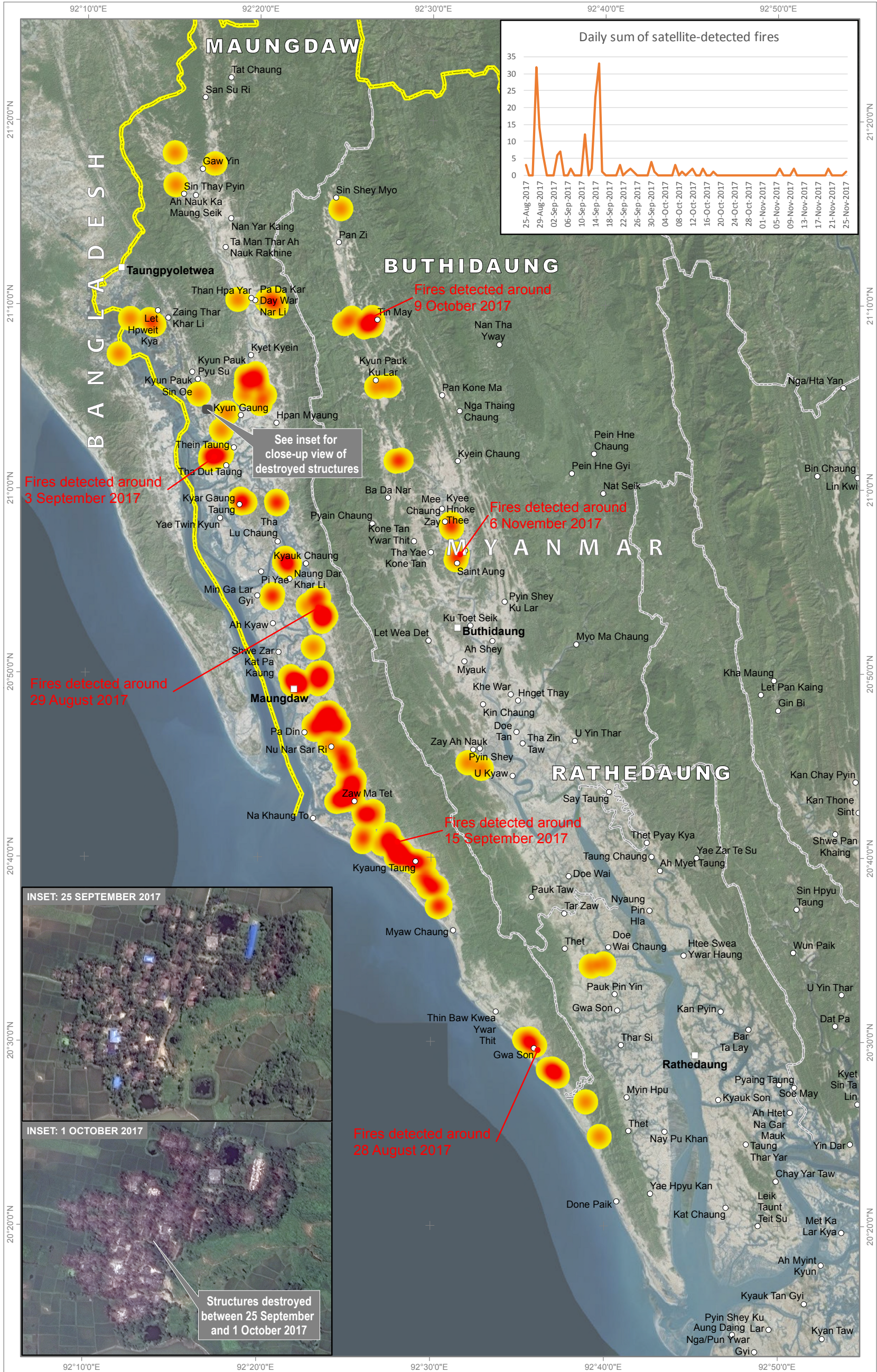


Map Scale for A3: 1:400,000



Analysis conducted with ArcGIS v10.4.1

Coordinate System: WGS 1984 UTM Zone 46N
Projection: Transverse Mercator
Datum: WGS 1984
Units: Meter



Satellite Data (1): MODIS
Imagery Dates: 25 August - 20 November 2017
Resolution: 1 km
Satellite Data (2): VIIRS
Imagery Dates: 25 August - 25 November 2017
Resolution: 375 m
Copyright: LANCE FIRMS
Source: NASA

Satellite Data (3): WorldView-2
Imagery Dates: 1 October 2017 and 25 September 2017
Resolution: 50 cm
Copyright: © 2017 DigitalGlobe
Source: European Space Imaging
Other Data: HDX; MIMU
Analysis: UNITAR - UNOSAT
Production: UNITAR - UNOSAT

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