

Satellite-Based Damage Assessment for Town of Pauktaw, Pauktaw Township

Assessment based on satellite imagery recorded on morning of 8 November 2012

Summary of main findings: A total of 492 destroyed buildings were identified in two areas of the town of Pauktaw in Pauktaw township, likely caused by arson attacks occurring before 8 November 2012. These two zones of total destruction measure 10.6 hectares (ha) in total area, and are located on the northern and southern edges of the town, immediately adjacent to the ocean. There are no further indications of building damages within Pauktaw outside of these two zones.

Damage Analysis: Human Rights Watch; Satellite Sensor: Pléiades-1;
Image © ASTRIUM 2012; Source: SpotImage; Satellite Sensor:
WorldView-02; Image © DigitalGlobe 2012; Source: EUSI;



Pauktaw, Pauktaw Township, on 8 November 2012

Post-attack overview of the two zones of building destruction

Town Coordinates: 93.0677E 20.1787N

First zone of destruction
measuring 5.8ha in area:
total of 294 buildings
destroyed

Second zone of destruction
measuring 4.8ha in area:
total of 198 buildings
destroyed



Damage Analysis: Human Rights Watch
Satellite Sensor: Pléiades-1
Image © ASTRIUM 2012
Source: SpotImage

Satellite image has been rotated by 134
degrees to improve visualization

Pauktaw, Pauktaw Township, on 18 February 2010

Pre-attack focus on the first zone of building destruction


Zone 1 Coordinates: 93.0738E 20.1851N



Pauktaw, Pauktaw Township, on 8 November 2012

Post-attack focus on the first zone of building destruction without annotated building damages

Zone 1 Coordinates: 93.0738E 20.1851N



First zone of destruction
measuring 5.8ha in area:
total of 294 buildings
destroyed

Pauktaw, Pauktaw Township, on 8 November 2012

Post-attack focus on the first zone of building destruction with annotated building damages

Zone 1 Coordinates: 93.0738E 20.1851N



First zone of destruction
measuring 5.8ha in area:
total of 294 buildings
destroyed

Pauktaw, Pauktaw Township, on 18 February 2010

Pre-attack focus on the second zone of building destruction

Zone 2 Coordinates: 93.0645E 20.1694N



Damage Analysis: Human Rights Watch
Satellite Sensor: WorldView-02;
Image © DigitalGlobe 2012; Source: EUSI

Satellite image has been rotated by 134 degrees to
improve visualization

Pauktaw, Pauktaw Township on 8 November 2012

Post-attack focus on the second zone of building destruction without annotated building damages

Zone 2 Coordinates: 93.0645E 20.1694N

Unclear if barges and house boats identified in pre-attack imagery were destroyed or used by residents to flee

Second zone of destruction measuring 4.8ha in area: total of 198 buildings destroyed

Distinct boundary line between destroyed and probably undamaged buildings immediately adjacent to the north

Unclear if this small cluster of buildings identified in the pre-attack imagery were destroyed or removed in unrelated context

Damage Analysis: Human Rights Watch
Satellite Sensor: Pléiades-1
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