



### Legend

	Settlement		Agriculture		Cloud/Shadow
<b>Infrastructure</b>		<b>Points of Interest</b>			
	Settlement		Gas station		
	Primary road		Hospital		
	Secondary road		School		
	Harbour		Sewage treatment plant		
<b>Damage Assessment</b>		<b>Topography</b>			
	> 13 (max. 218)		Coastline		
	6 - 13		Contourlines		
	1 - 5		10 m		
	Road possibly blocked		50 m		
		<b>Hydrology</b>			
			Streams		
			Water body		

### Interpretation

On November 8, the typhoon Haiyan made landfall on the Philippines. Triggering a severe storm surge, the typhoon caused thousands of deaths, almost two million homeless people and widespread destruction in the central Philippines. Detailed damage assessment has been conducted by visual interpretation of post-event Pléiades satellite data acquired on November 14, 2013 at 2:10 am (UTC). Counts of damaged buildings are aggregated on a 250m grid. In areas with cloud coverage damage values are likely underestimated. Buildings and roads might not be fully captured due to data constraints.

### Cartographic Information

0 1 2 Kilometers

Local projection: UTM Zone 51N, Datum: WGS 1984  
Geographic projection: Lat/Lon (DMS), Datum: WGS 84  
Scale: 1:25,000 for A1 prints.

### Data Sources

Pléiades (0.5m) © CNES 2013, Distribution Astrium Services / SPOT Image S.A., all rights reserved

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### Framework

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Federal Ministry of the Interior

Center for Satellite Based Crisis Information  
- Emergency Mapping & Disaster Monitoring -  
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