

***This service summarizes current satellite mapping activities of interest to GDACS stakeholders. It is issued weekly and based on contributions from map-producing entities and GDACS partners.***

---

## Satellite mapping overview

As of 14 November 2017

### Asia

#### **Halabjah Earthquake- GLIDE number: EQ-2017-000165-IRN**

On 12 November 2017 an M 7.3 earthquake struck the northern Iran-Iraq border zone at ~32 km from the city of Halabjah, Iraq, causing the loss of 445 lives and the injury of 7,100. Based on earthquake intensities provided by USGS, UNITAR-UNOSAT conducted a population exposure analysis in response to the event and identified 4,700,000 people exposed to strong and very strong intensity. The most affected areas are the Governorate of Sulaymaniyah (Iraq) and the Province of Kermanshah (Iran).

The International Space Charter has been triggered by UNOSAT on behalf of UNOCHA and Copernicus Emergency Management Service have been also for this event.

Source: UNITAR-UNOSAT, USGS

Link: [http://www.unitar.org/unosat/node/44/2721?utm\\_source=unosat-unitar&utm\\_medium=rss&utm\\_campaign=maps](http://www.unitar.org/unosat/node/44/2721?utm_source=unosat-unitar&utm_medium=rss&utm_campaign=maps)

#### **Floods Viet Nam- GLIDE number: FL20171106VNM**

Following the landfall of the tropical typhoon Damrey on 5 November 2017, UNITAR-UNOSAT produced a preliminary maps illustrating the satellite-detected flooded areas of the Quang Nam Province and the southern part of Vietnam. As observed from the Sentinel-1 and Radarsat-2 images acquired on the 7 November 2017, about 35,000 ha and 700,000 ha of land were likely flooded in Quang Nam and southern Vietnam respectively, resulting in more than 380,500 people potentially affected in the Quang Nam Province and ~2,600,000 people in southern Vietnam.

Source: UNITAR-UNOSAT

Link: <http://www.unitar.org/unosat/maps>

---

*This summary is compiled by the GDACS mapping & satellite imagery coordination mechanism, operated by the UNITAR Operational Satellite Applications Programme (UNOSAT).*

*When referring to this summary, please credit: GDACS, UNITAR-UNOSAT.*

*For comments, questions and to submit information on satellite image derived products, please contact: [maps@gdacs.org](mailto:maps@gdacs.org)*

*Sources indicate satellite analysis production entities and imagery providers. The products referenced in this summary are based on remote satellite imagery and may not be validated in the field prior to release, in which case findings are based only on what is observed in the satellite imagery.*



***This service summarizes current satellite mapping activities of interest to GDACS stakeholders. It is issued weekly and based on contributions from map-producing entities and GDACS partners.***

-----