

**\*\* July 2022 News from Sentinel Asia Project Office \*\***

\_ \* \_ \* \_ \* \_ \* \_ \* \_ \* \_ \* \_ \* \_ \* \_ \* \_ \* \_ \* \_ \* \_ \* \_ \* \_ \*

**Topics:**

- 1. [News] Emergency Observation of Disasters
- 2. How to Send an Emergency Observation Request
- 3. Using the Sentinel Asia Operation System, OPTEMIS

\_ \* \_ \* \_ \* \_ \* \_ \* \_ \* \_ \* \_ \* \_ \* \_ \* \_ \* \_ \* \_ \* \_ \* \_ \* \_ \*

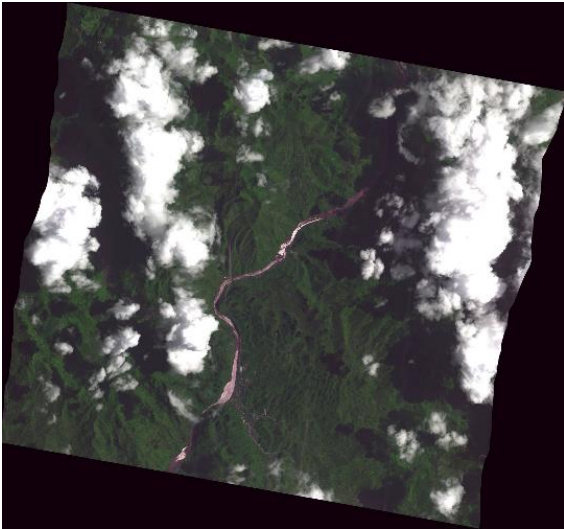
- 1. [News] Emergency Observation of Disasters (as of 25 July)
  - (1) Flood, Landslide and Storm in Vietnam 7 July, 2022 (GLIDE Number [FF-2022-000259-VNM](https://sentinel-asia.org/EO/2022/article20220707VN.html))

A flash flood triggered by heavy rains occurred in Cao Bang Province, a northern area of Vietnam near the border with China, on 7 July. According to VnExpress, four people were swept away.

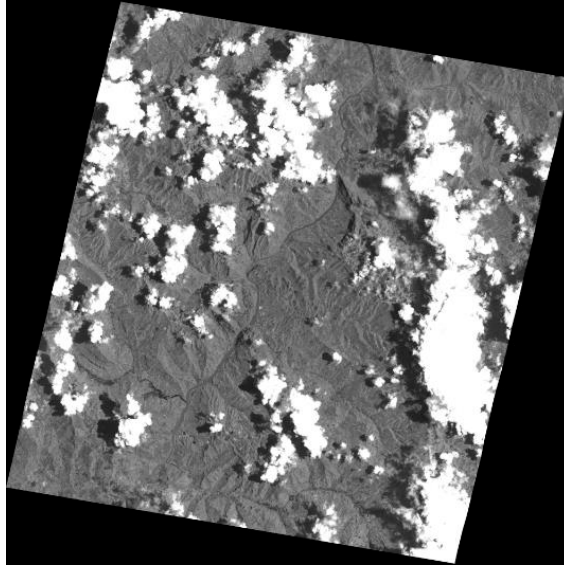
<https://e.vnexpress.net/news/news/flash-floods-sweep-away-4-in-northern-vietnam-4484240.html>

The Ministry of Natural Resources and Environment (MONRE) of Vietnam made an Emergency Observation Request (EOR) to Sentinel Asia on 7 July. Among Data Provider Nodes (DPNs), the Indian Space Research Organisation (ISRO), the Geo-Informatics and Space Technology Development Agency (GISTDA), the Japan Aerospace Exploration Agency (JAXA), and the National Applied Research Laboratories (NARL) provided data. Among Data Analysis Nodes (DANs), the Mohammed Bin Rashid Space Centre (MBRSC) provided its VAPs. Information on the latest response by Sentinel Asia is available at the following link:

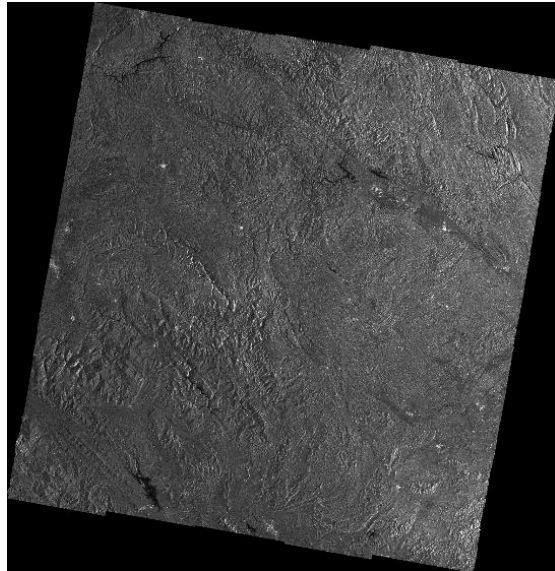
<https://sentinel-asia.org/EO/2022/article20220707VN.html>



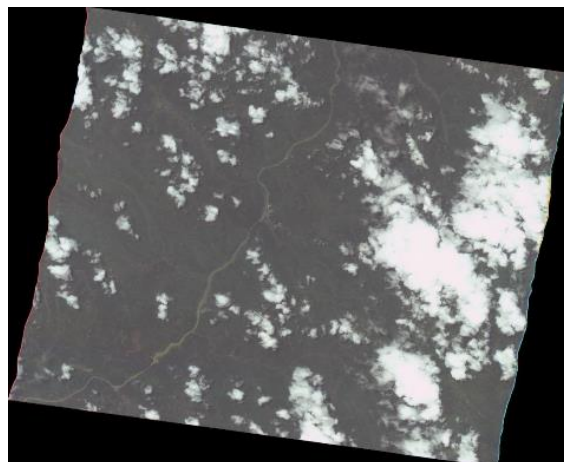
Satellite image (CARTOSAT-2E) provided by ISRO



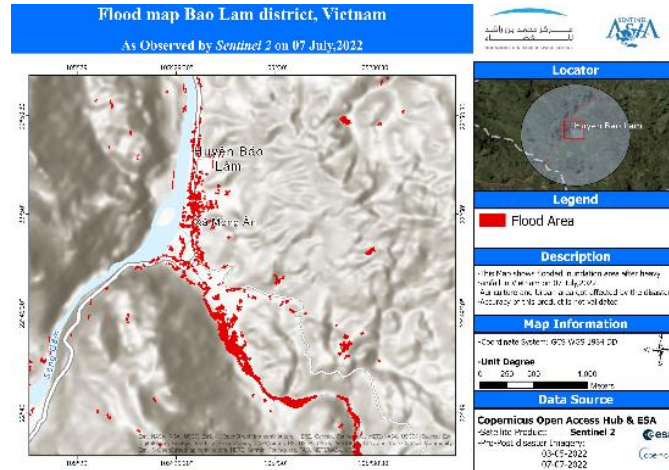
Satellite image (THEOS1) provided by GISTDA



Satellite image (ALOS-2) provided by JAXA



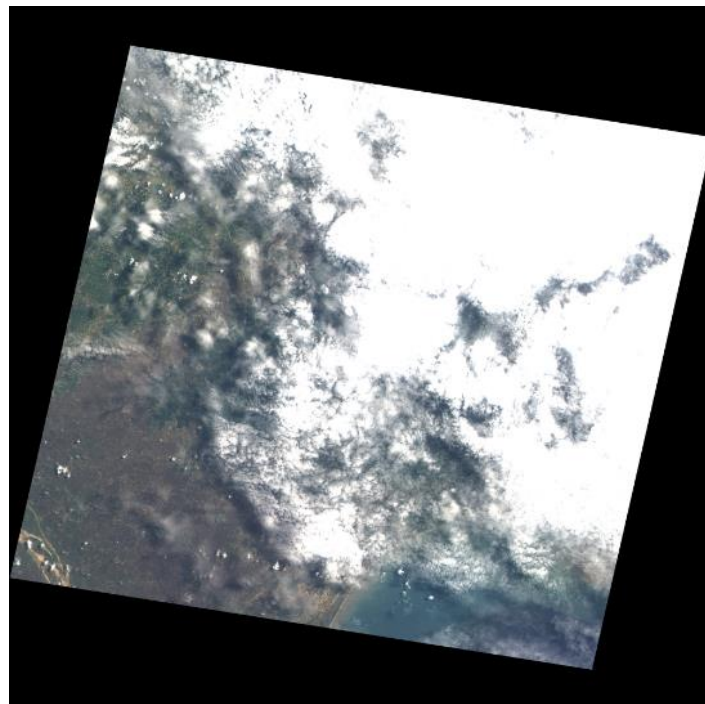
Satellite image (FORMOSAT-5) provided by NARL



Value-Added Product by MBRSC

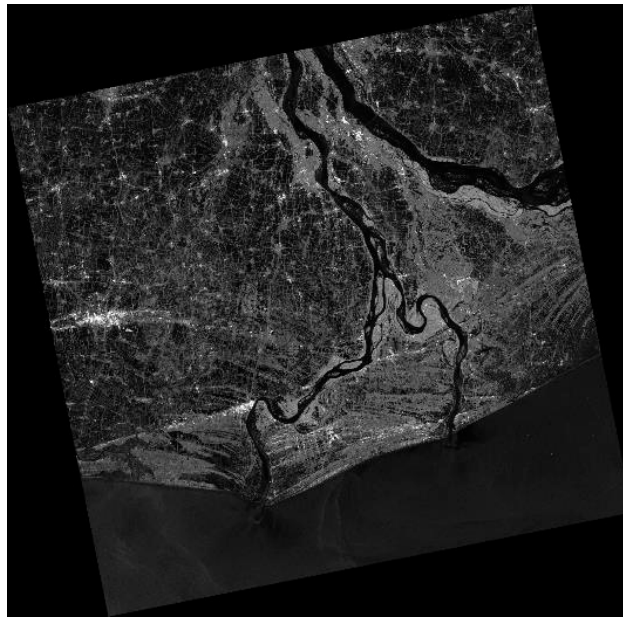
(2) Flood in Andhra Pradesh, India, on 12 July, 2022 (GLIDE Number [FL-2022-000213-IND](#))  
Flooding occurred around Godavari River in early July and caused severe damage in the area.  
(<https://www.thehindu.com/news/national/andhra-pradesh/andhra-pradesh-flood-situation-turns-grim-as-water-enters-many-habitations/article65636359.ece>)

ISRO made an EOR to Sentinel Asia on 13 July. Among DPNs, GISTDA and JAXA provided data. Among DANs, Asian Institute of Technology (AIT) and MBRSC provided their VAPs. Information on the latest response by Sentinel Asia is available at the following link:  
<https://sentinel-asia.org/EO/2022/article20220712IN.html>

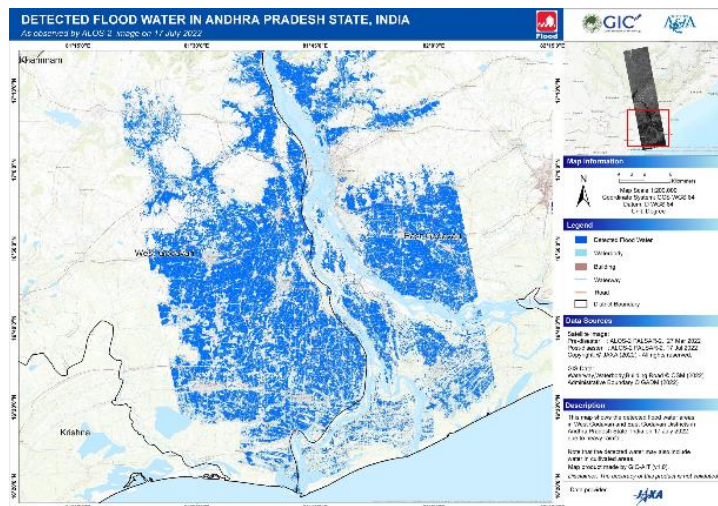


Satellite image (THEOS-1) provided by GISTDA

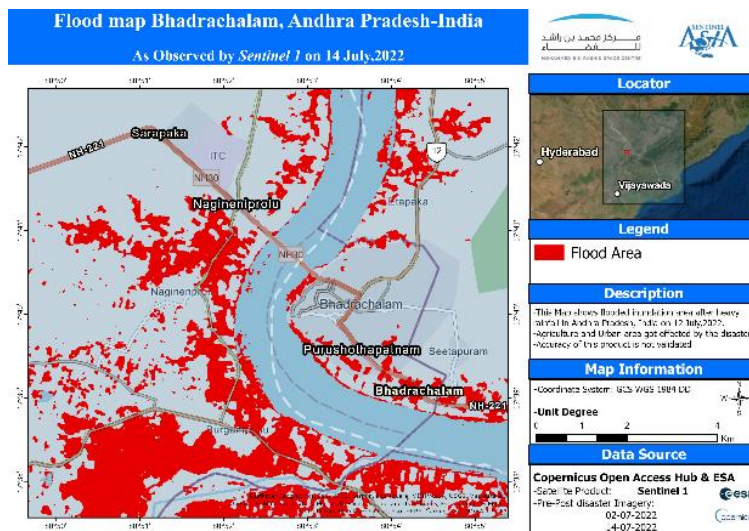




Satellite image (ALOS-2) provided by JAXA



Value-Added Product by AIT



Value-Added Product by MBRSC

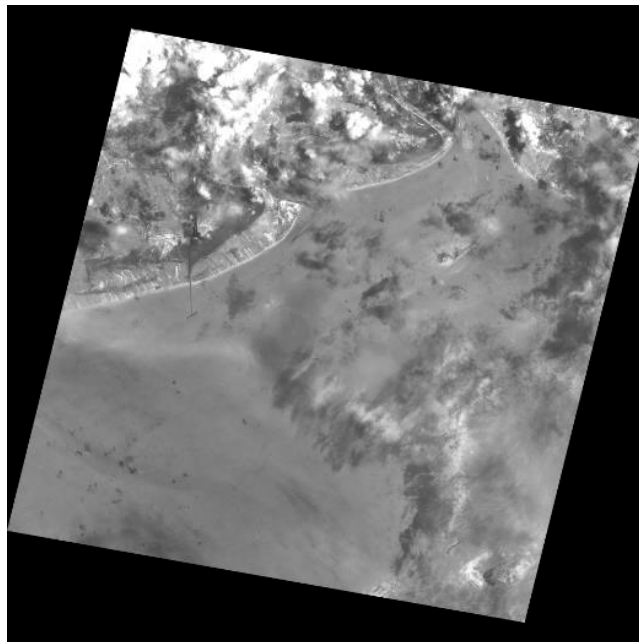
(3) Flood in Gujarat, India on 12 July, 2022 (GLIDE Number [FL-2022-000213-IND](#))

Heavy rainfall caused massive flooding in Gujarat, India, in mid-July. According to The Mint, red alerts for heavy rainfall have been announced in eight districts and nearly 811 people have been rescued in the Navsari district of Gujarat in a single day.

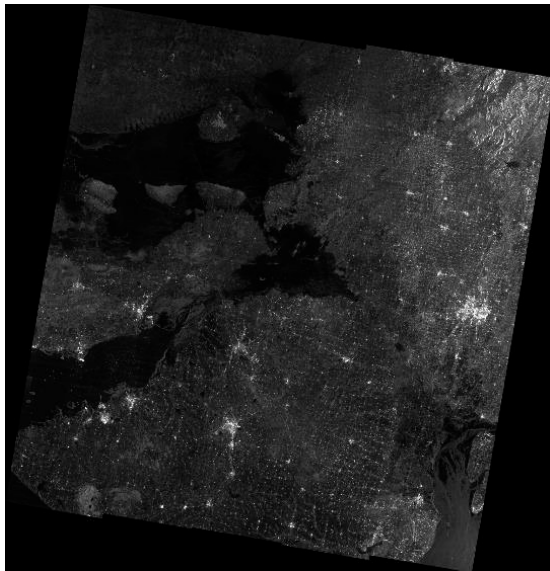
(<https://www.livemint.com/news/india/gujarat-floods-at-least-811-rescued-as-torrential-rains-hit-several-parts-of-gujarat-11658026853119.html/page-2>)

ISRO made an EOR to Sentinel Asia on 13 July. Among DPNs, GISTDA and JAXA provided data. In addition, NARL planned to provide its data. Among DANs, AIT and MBRSC provided their VAPs. Information on the latest response by Sentinel Asia is available at the following link:

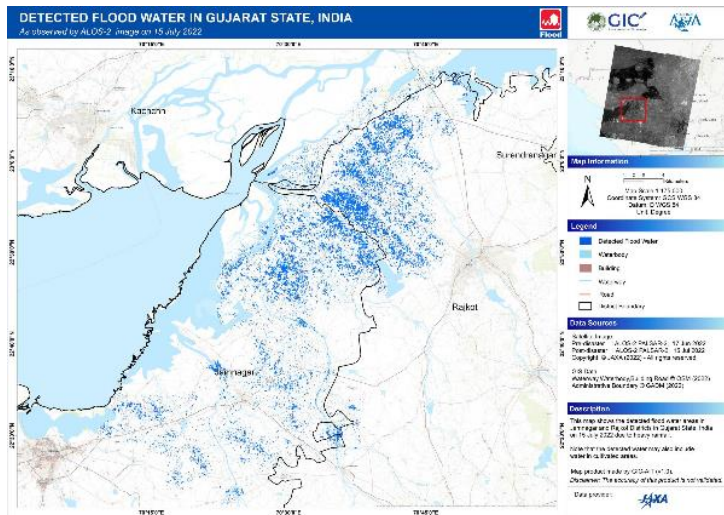
<https://sentinel-asia.org/EO/2022/article20220713IN.html>



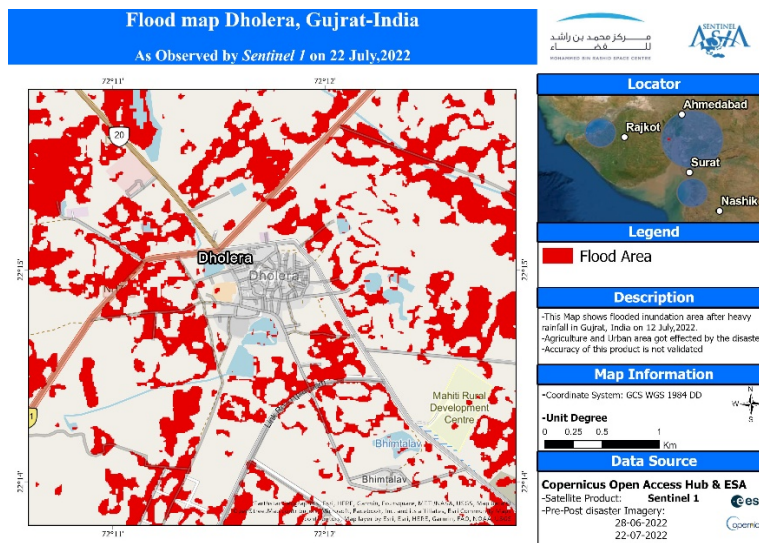
Satellite image (THEOS-1) provided by GISTDA



Satellite image (ALOS-2) provided by JAXA



Value-Added Product by AIT



Value-Added Product by MBRSC



Sentinel Asia Project Office

Satellite Applications and Operations Center (SAOC)

Japan Aerospace Exploration Agency (JAXA)

Ochanomizu Sola City, 4-6 Kandasurugadai, Chiyoda-ku, Tokyo 101-8008 Japan

E-mail: [Z-SENTINEL.ASIA@ml.jaxa.jp](mailto:Z-SENTINEL.ASIA@ml.jaxa.jp)

TEL: +81-3-6435-6785

FAX: +81-3-5777-1580