

Flood Rapid Assessment Tropical Cyclone Sagar-18 Djibouti



Planet Image collected on 20 May 2018
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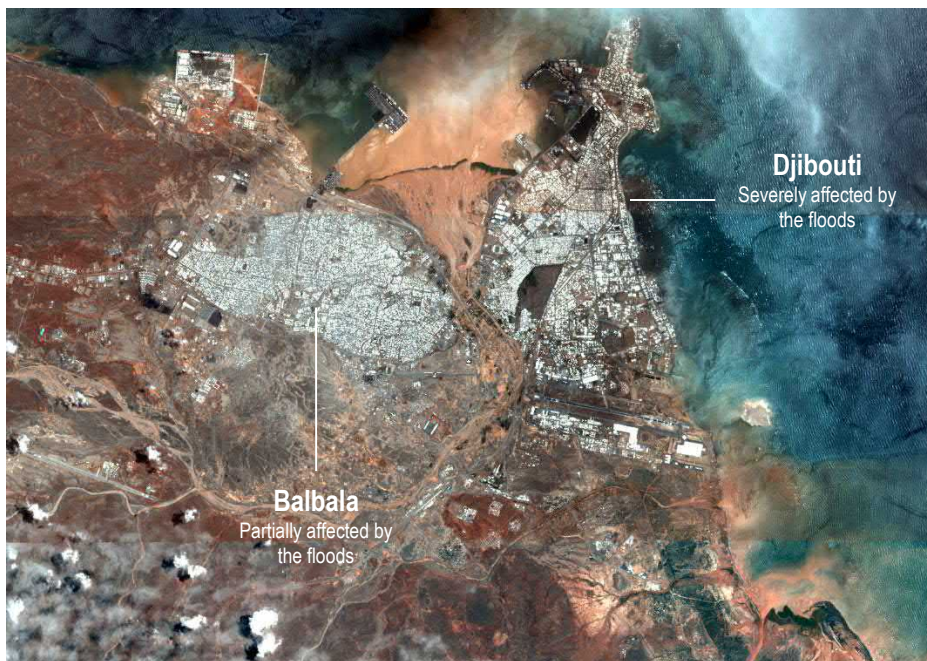
23 May 2018

UNITAR – UNOSAT, following the request of UNOCHA Djibouti, has performed a rapid flood assessment to illustrate the impact caused after the passage of Tropical Cyclone Sagar-18 over Djibouti & Balbala. For this rapid flood analysis UNOSAT has used post-event cloud free images of the area, collected on the 20th & 21st May 2018, 3 meters resolution.

From the post satellite imagery, intensive rainfall and consequent floods are clearly detected on the image from 20 May 2018. As well, from the rapid flood analysis Djibouti seems to be severely impacted by the floods while Balbala seems to be less affected.

Illustration on the impact on humanitarian access and its evolution can be observed in the following pages.

This is a preliminary analysis and has not yet been validated in the field. Please send ground feedback to UNITAR – UNOSAT.



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Djibouti - 20 May 2018



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Balbala – 20 May 2018



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Image collected on 23 May 2018 shows that flooded areas within the airport are receding and the aerial traffic conditions seem restored. There is no visible waters on the runway and the taxiways and they seem open and functional. Standing waters are visible inside the apron. Some road sections inside the airport seem to be partially affected.

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Airbus Defence and Space/ SPOT Image



Image collected on 23 May 2018 shows the primary road that connects Djibouti with Balbala is now accessible to traffic and circulation is restored.

As well, other secondary and local roads, that were before inundated, seem to be accessible and traffic conditions seem normal.

Inside the town of Djibouti, some road sections still present evidence of water.

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