

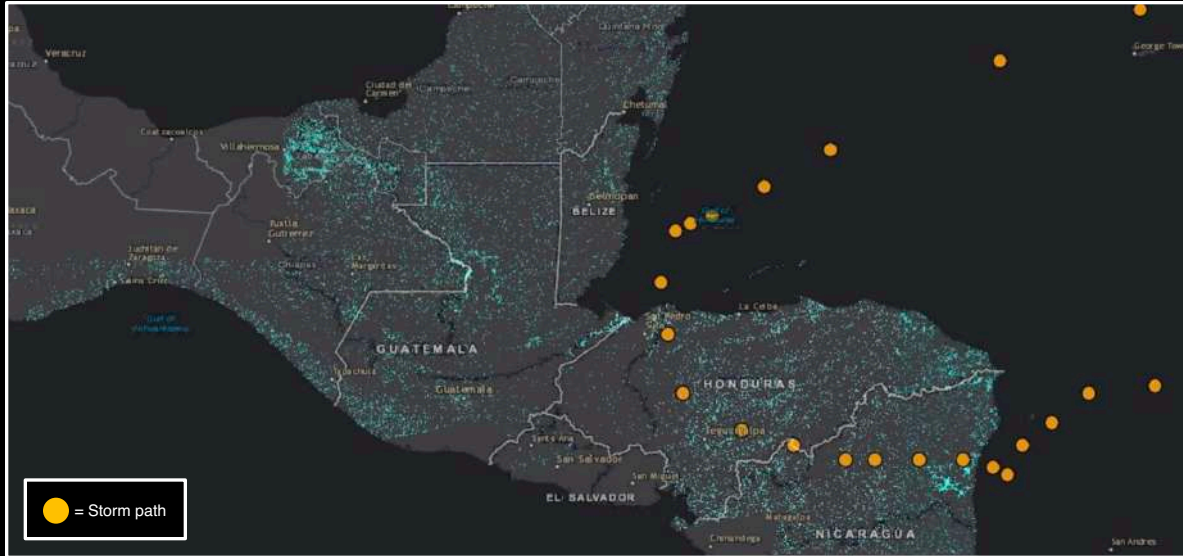
Disaster Response:



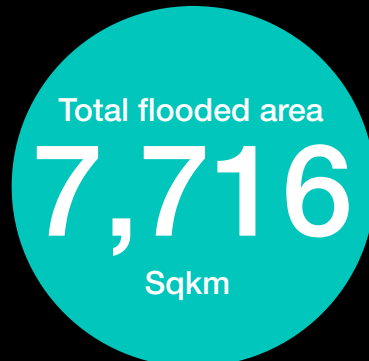
Turning months of manual assessment into minutes of automated analysis.

Hurricane Eta:

On the 31st of October, hurricane Eta made landfall in Nicaragua and created a path of devastation across South America.

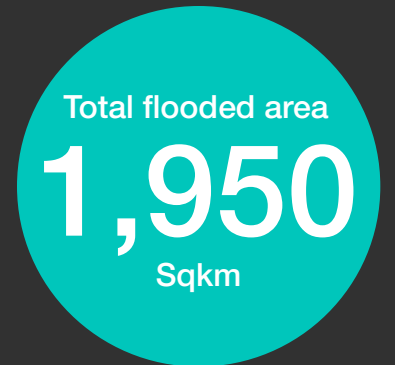
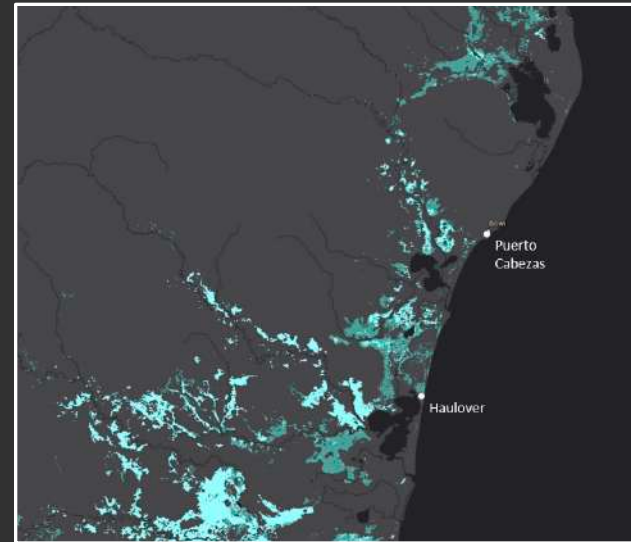


Country	Flooded area (sqkm)
Mexico	3,404
Honduras	1,393
Nicaragua	1,334
Guatemala	1,102
Belize	362
El Salvador	121



Hurricane Iota:

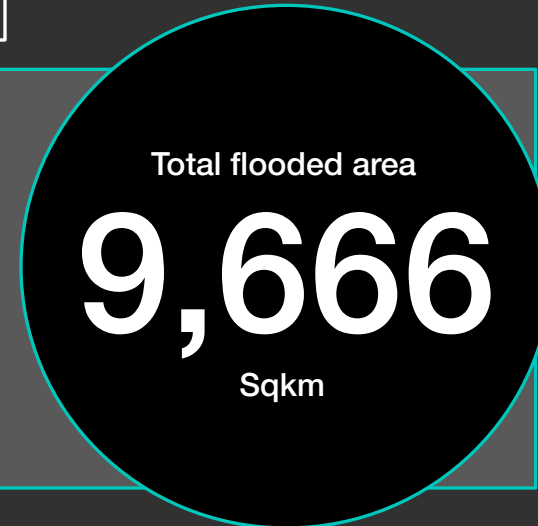
On the 13th of November, just 2 weeks after hurricane Eta made landfall - Hurricane Iota hit the same Nicaraguan coast line, increasing the damage caused.



Combined Stats:

2.5%

of Nicaragua's total landmass was flooded



Why this Matters:

Hurricanes and weather events can cause devastation over significant areas that cannot be assessed manually. By analyzing data from synthetic aperture radar, PlanetWatchers accurately identifies the full scale of damage.

Area

The total land mass analyzed was **1.5m** sqkm.

Visibility

Optical imagery cannot operate in adverse weather.

Time

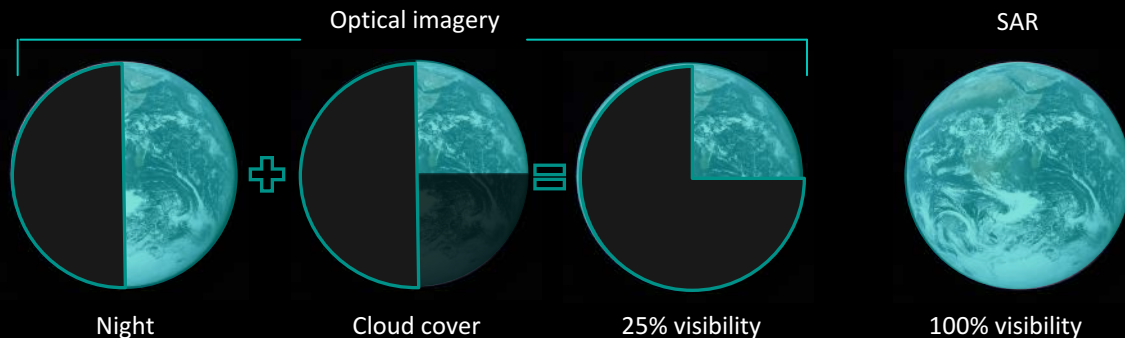
Natural disasters require timely analysis.

1hr

The time taken for PlanetWatchers to analyze hurricane damage.

Optical vs. SAR:

The limitations of optical sensors has driven the defence and intelligence agencies to adopt synthetic aperture radar.



We pride ourselves in delivering 'best in class' analysis to the disaster response industry. Delivering **accurate results** at **scale** in a **timely** and **cost effective** manner.

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