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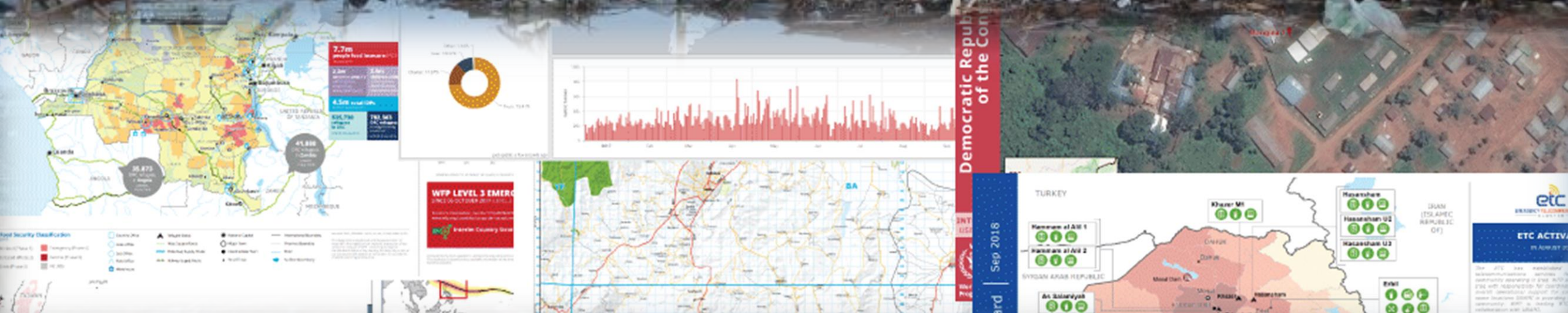
Swiss Agency for Development
and Cooperation SDC

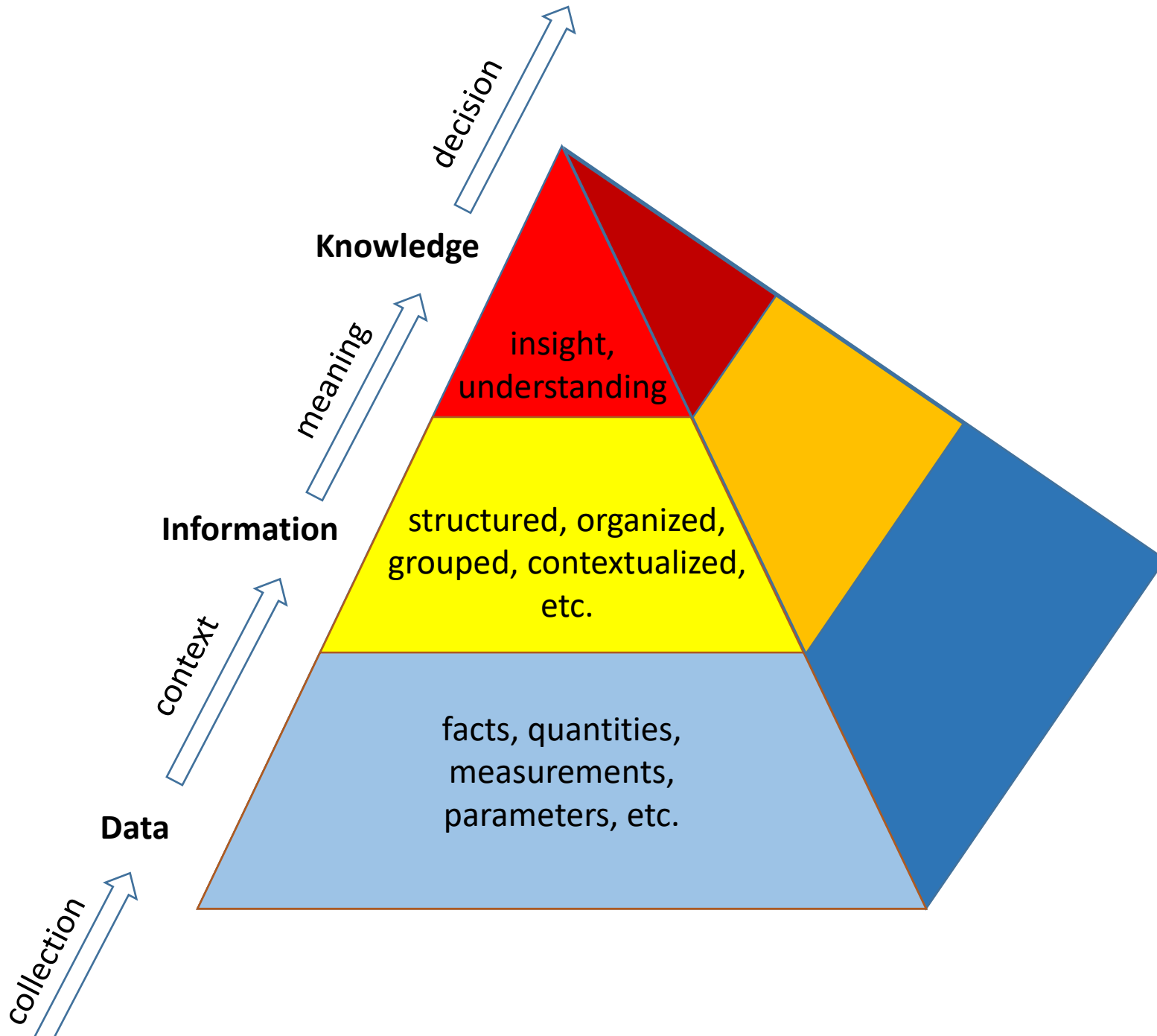
WFP



World Food
Programme

Visualizing Emergencies







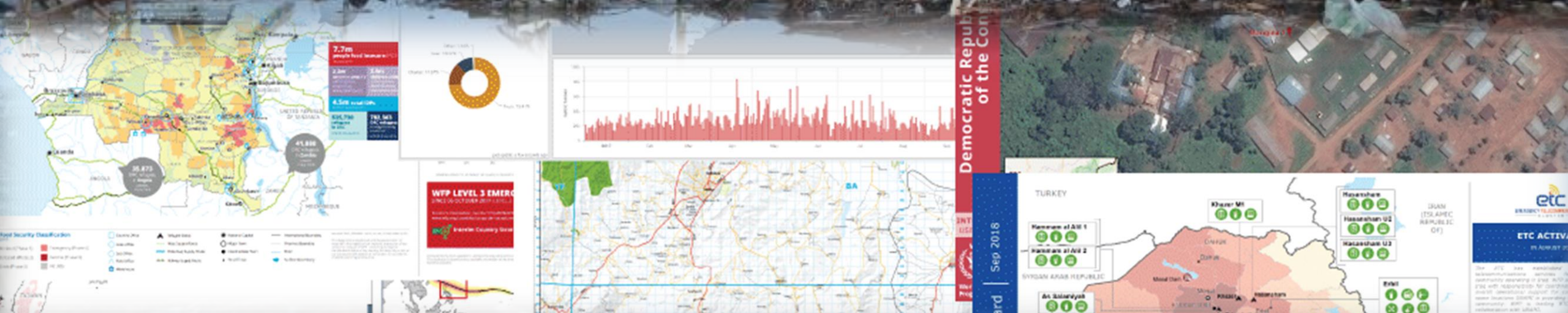
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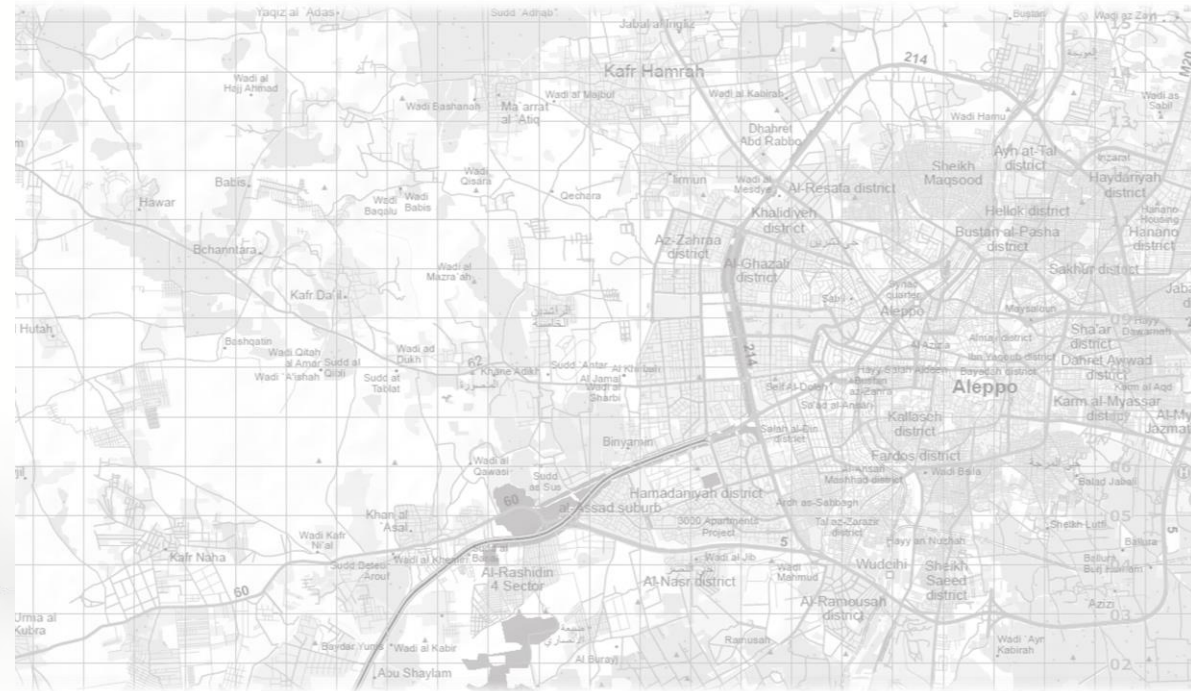
World Food
Programme

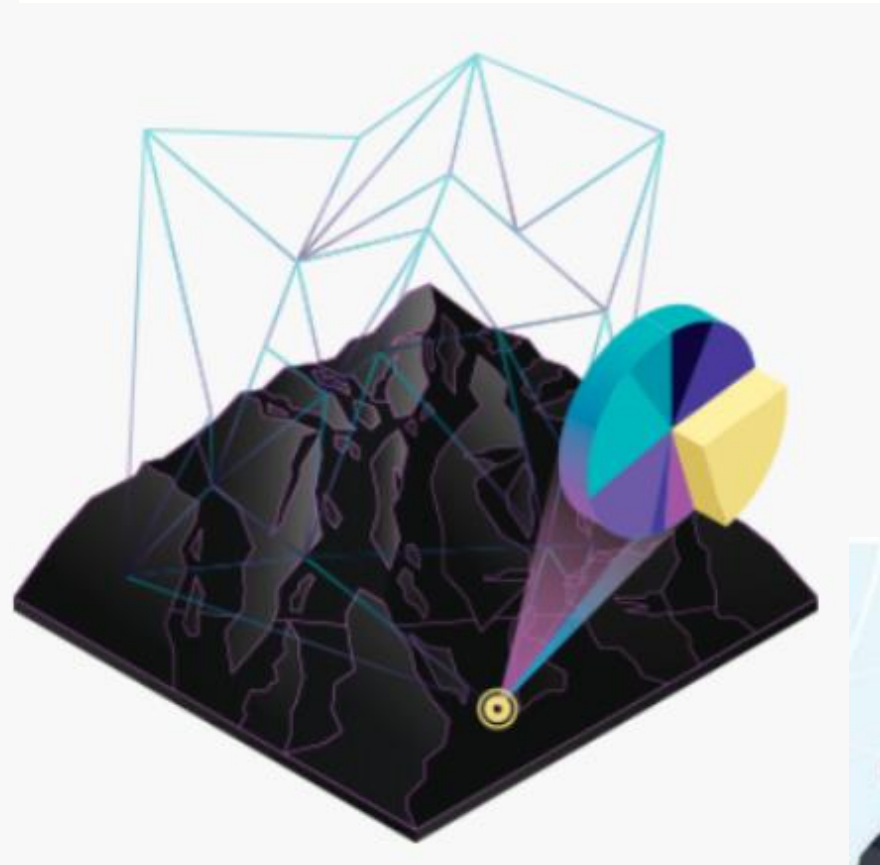
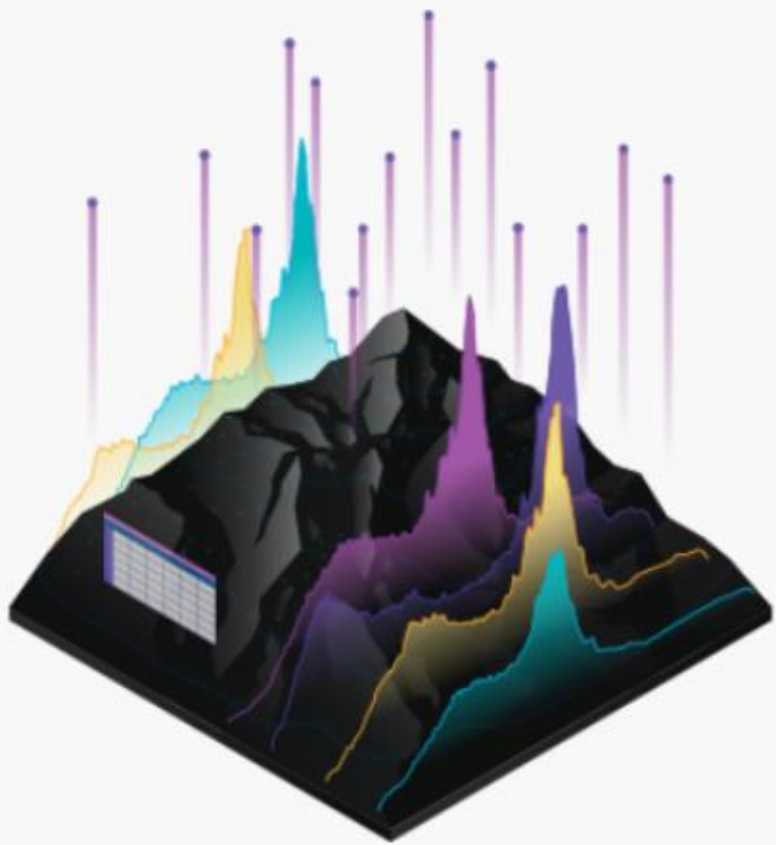
Visualizing Emergencies



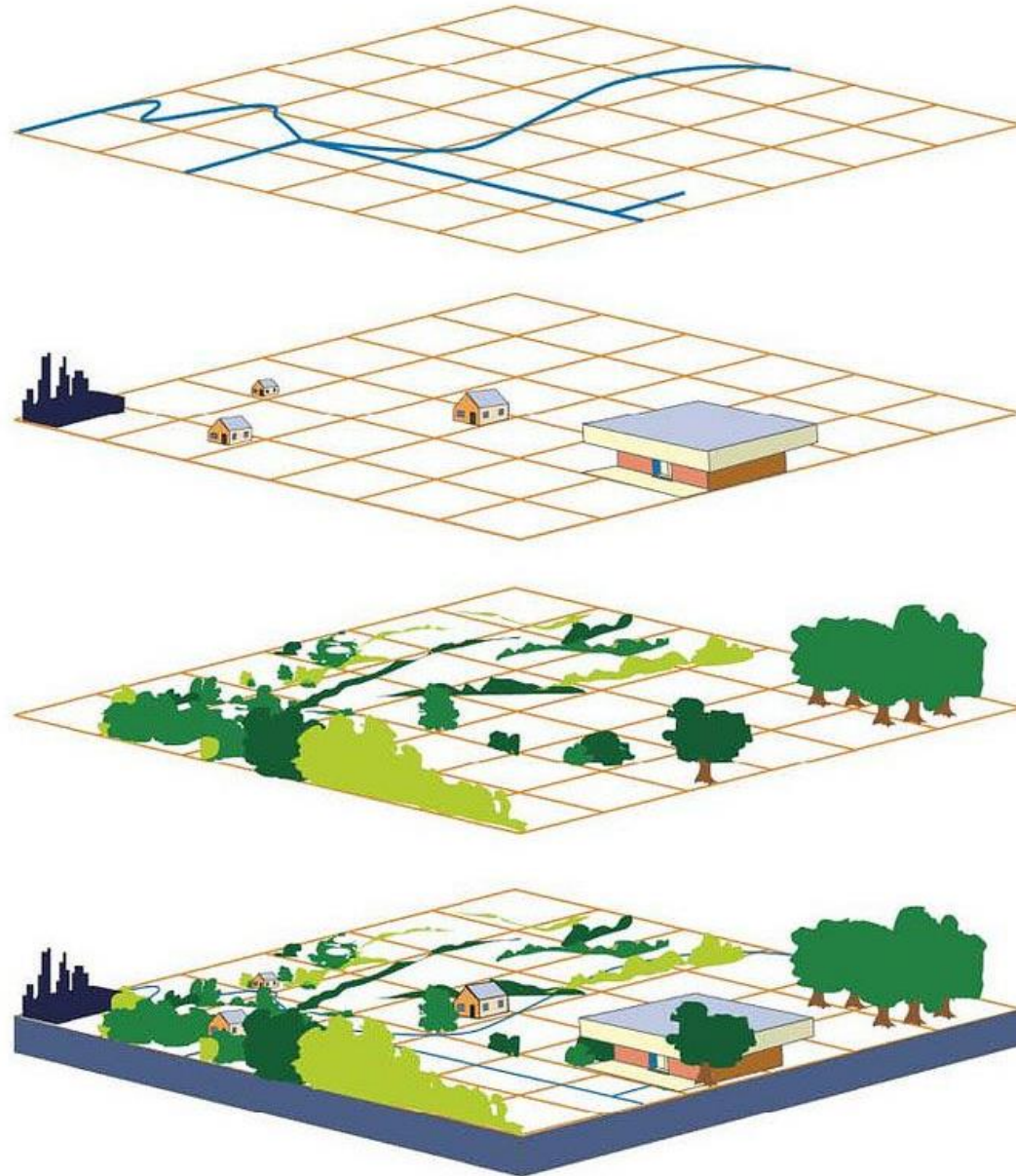


GIS

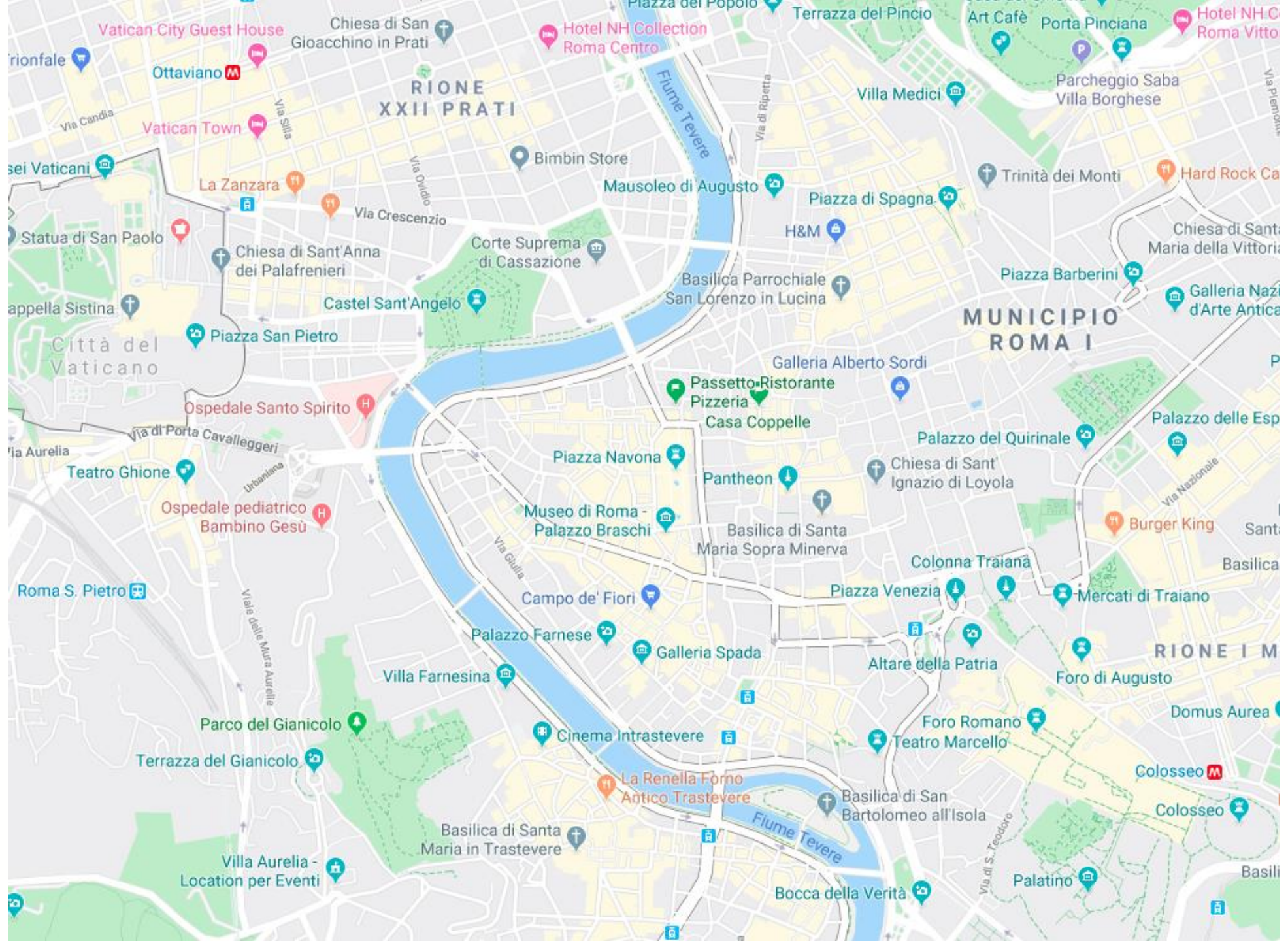


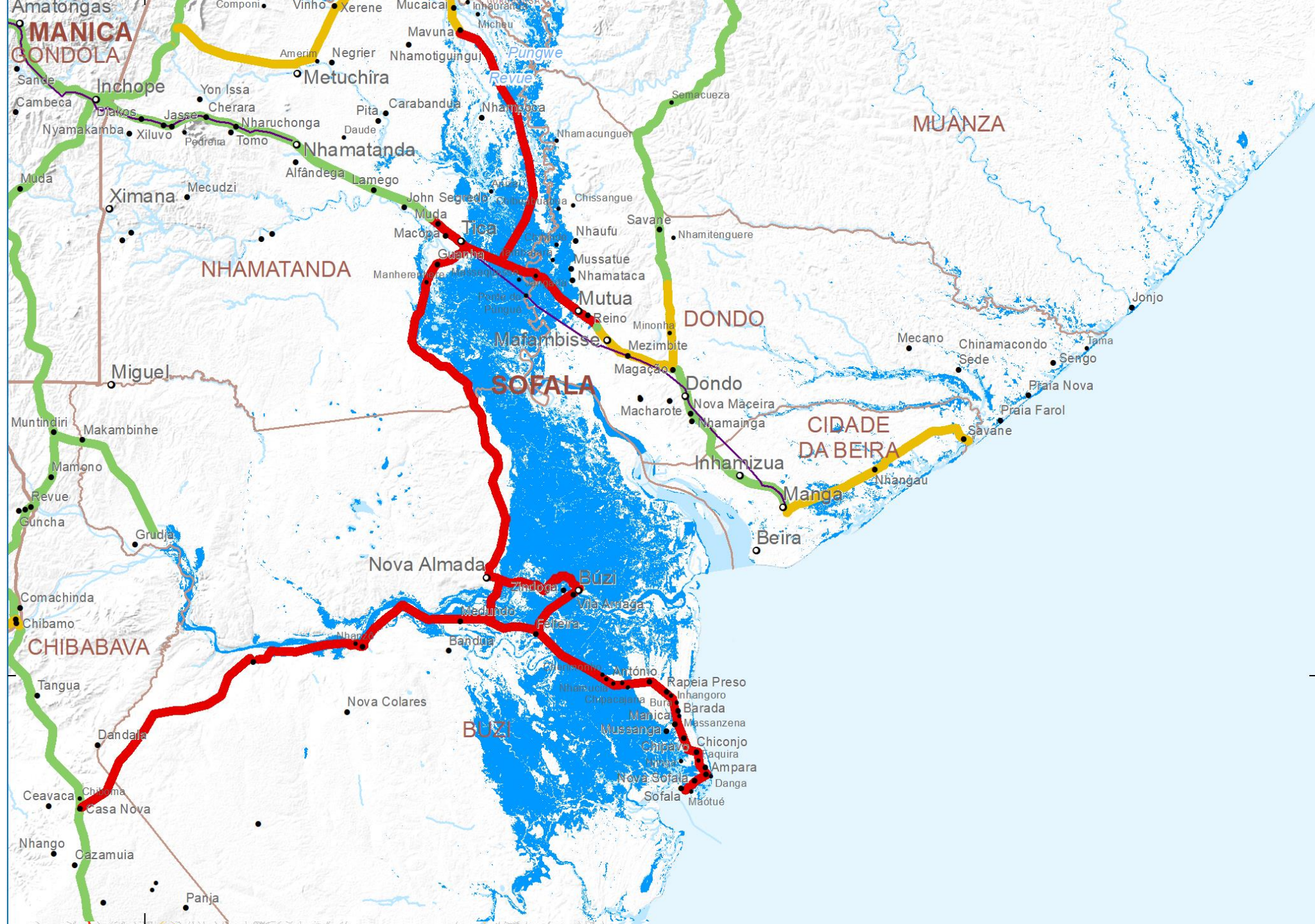


Data layers



Source: GAO.



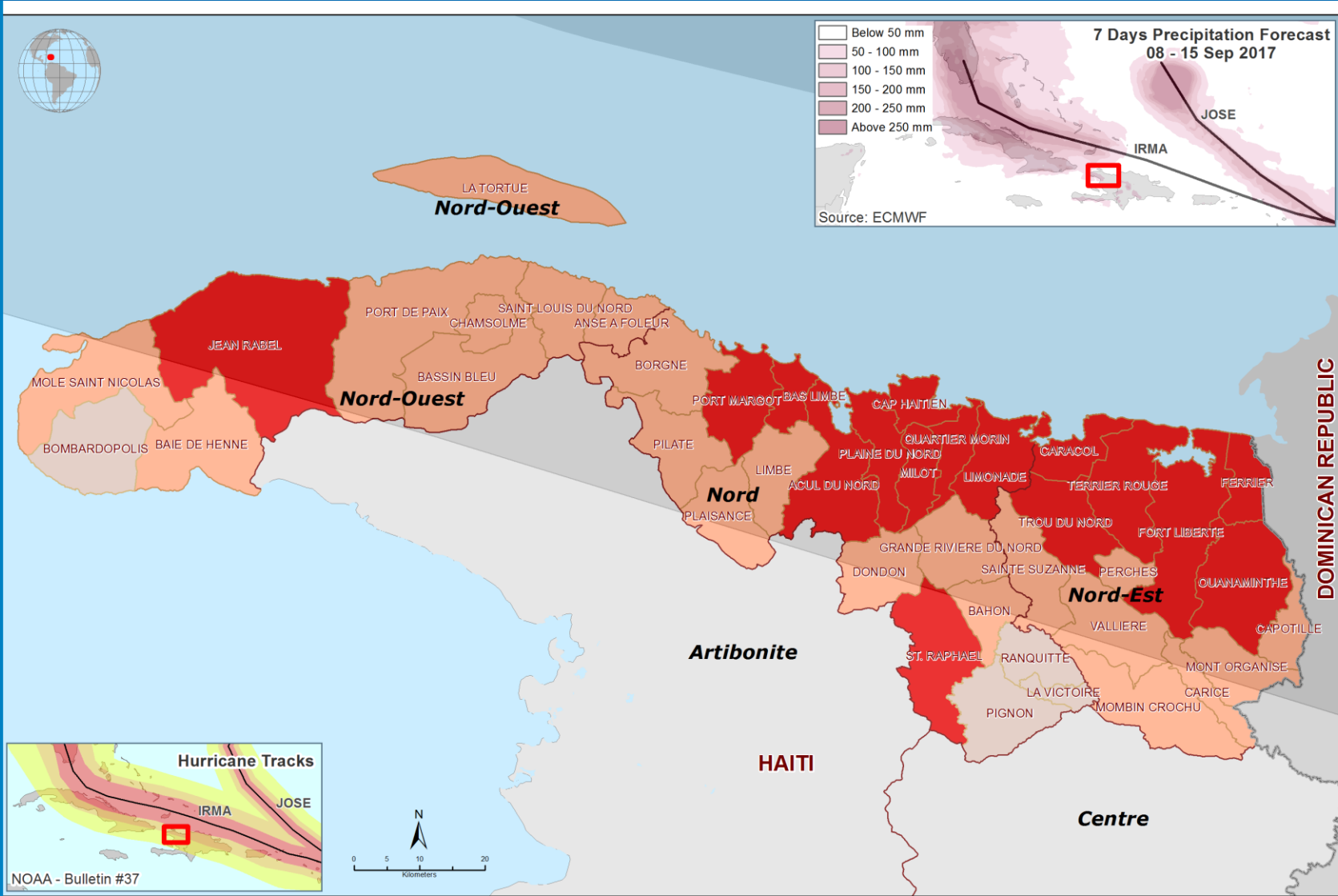




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Priority areas

Haiti, Hurricane IRMA #37
Priority Classes as of 08 September 2017



Date Created: 07 September 2017
 Contact: hq.gis@wfp.org
 Website: www.wfp.org
 Prepared by: HQ, OSEP GIS
 Map Reference:
 HTI_TS_FoodInsTSIrma_A4L

Priority Class



Wind Speed



- International Boundary
- Department Boundaries


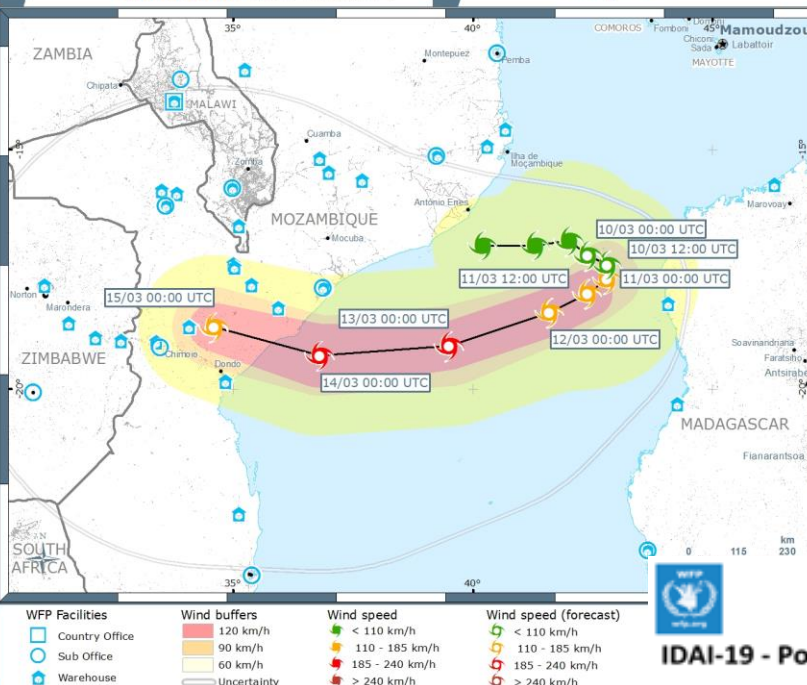
Data sources: WFP-RBP, UNGIWG, ECMWF
 The designations employed and the presentation of material in the map(s) do not imply the expression of any opinion on the part of WFP concerning the legal or constitutional status of any country, territory, city or sea, or concerning the delimitation of its frontiers or boundaries.
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EVENT INFO

Max windspeed: 203.7 km/h
Max. Storm Surge: 0.53 m.
Current Coordinates: Lat: -17.2 Lon: 42.4
Warning ref.: JTWC - Bulletin #4

PEOPLE LIVING IN AREAS AT RISK (All Countries Considered)

120 km/h windspeed ● 334,432
90 km/h windspeed ● 635,599
60 km/h windspeed ● 3,223,880

STORM CLASSIFICATION

Category 3

WFP WORLD FOOD PROGRAMME PRESENCE

CLOSEST FACILITIES

- Chimoio Sub Office (MOZ): 126 km on 15/03 at 00:00
- Beira Port Office (MOZ): 127 km on 15/03 at 00:00
- Quelimane Field Office (MOZ): 158 km on 14/03 at 00:00
- Nampula Sub Office (MOZ): 232 km on 09/03 at 06:00
- Tete Sub Office (MOZ): 301 km on 15/03 at 00:00

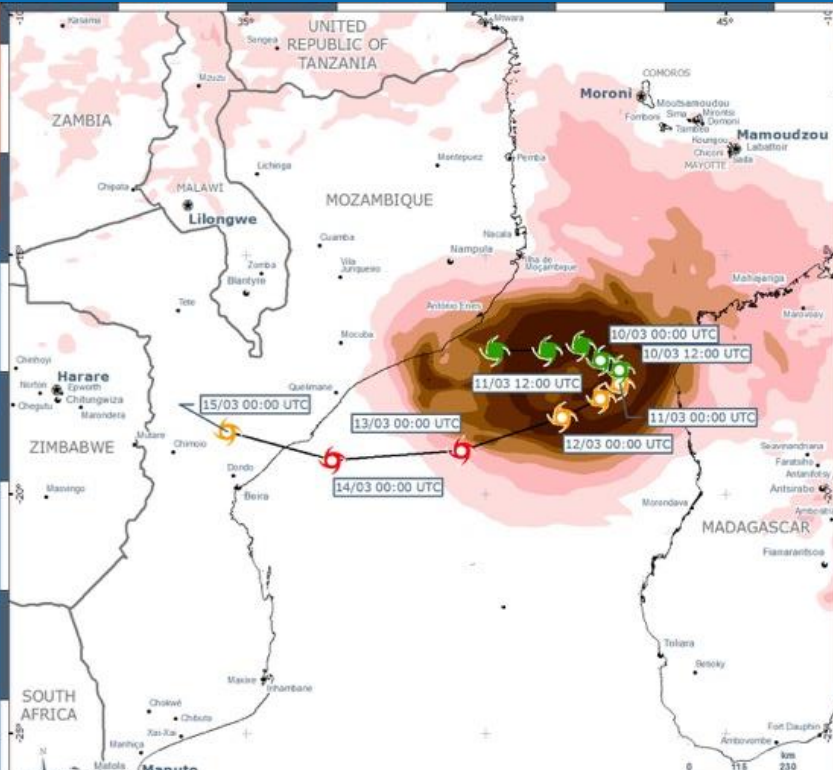
CLOSEST HUMANITARIAN RESPONSE DEPOT

- Accra (GHA): 4667 km on 15/03 at 00:00

Automatically generated alert powered by:
ADAM - Automated Disaster Analysis and Mapping

10 March 2019 | 03:17:56 GMT

A collaboration with JRC



PRECIPITATION BY CITY

Accumulated Precipitation Forecast

City	3 Days Rainfall
Antonio Enes (MOZ):	157 mm.
Marovoay (MDG):	65 mm.
Mahajanga (MDG):	56 mm.
Mzuzu (MWI):	39 mm.
Ouani (COM):	35 mm.
Moutsamoudou (COM):	35 mm.
Mirontsi (COM):	35 mm.
Antsirabe (MDG):	28 mm.
Songea (TZA):	26 mm.
Kasama (ZMB):	25 mm.
Antanifotsy (MDG):	24 mm.
Nampula (MOZ):	21 mm.
Sada (MYT):	19 mm.

Automatically generated alert powered by:
ADAM - Automated Disaster Analysis and Mapping

10 March 2019 | 03:18:11 GMT

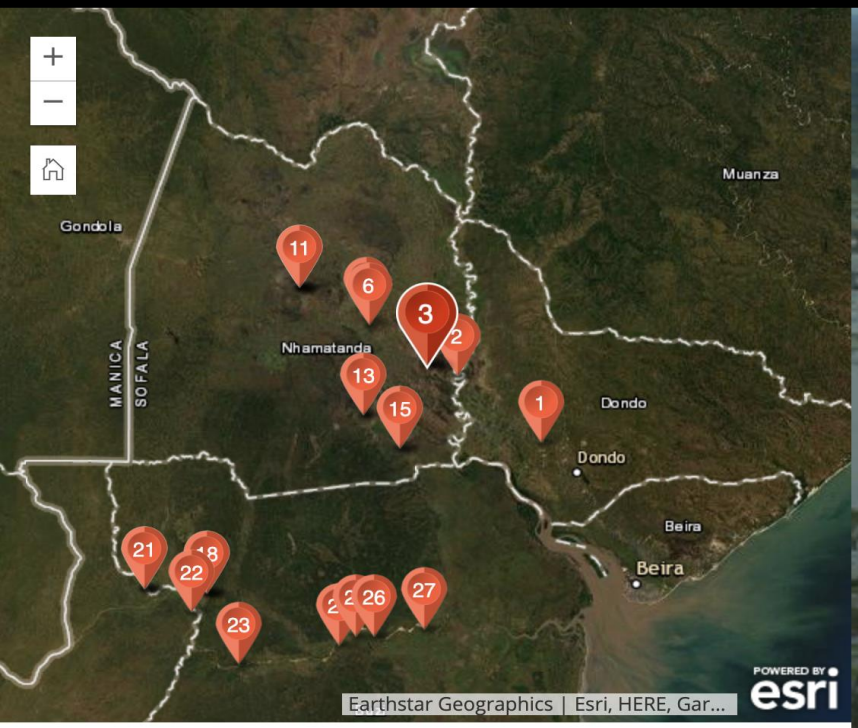
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IDAI-19 - Population Exposure Estimation based on bulletin n. 9

The population exposure, summarized by Admin 0, 1 and 2, has been calculated using a 1 km resolution LandScan raster (LandScan Database 2015). Admin boundaries are defined by GauL 2015 dataset. Windspeed buffers are produced by GDACS (JRC). This is a preliminary analysis and has not yet been validated in the field.

Analysis performed by ADAM (Automated Disaster Analysis and Mapping) on 11-03-2019 at 09:17 UTC
 Contact: hq.gis@wfp.org

admin0	admin1	admin2	population			Total
			60km/h	90km/h	120km/h	
MADAGASCAR	Melaky	Antsalova	18,305			18,305
		Besalampy	32,819			32,819
		Maintirano	105,227	9,907		115,134
		Morafenobe	7,729			7,729
		Belo Sur Tsiribihina				
MADAGASCAR - TOT	Menabe		164,080	9,907	173,987	
MALAWI	Southern Region	Blantyre	51			51
		Chikwawa	506,789			506,789
		Mulanje	53,308			53,308
MALAWI - TOT		Nsanje	256,604	81,159		337,763
		Thyolo	459,447			459,447
			1,276,199	81,159		1,357,358
MOZAMBIQUE	Manica	Barue	215,212			215,212
		Cidade de Chimoio	310,376			310,376
		Gondola	326,075	7,598		333,673
		Guro	91,375	1,884		93,259

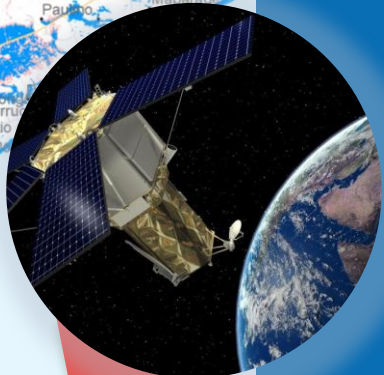


3 Beira-Inchope road, near Tica  

Picture taken on 18 mar 2019, 4:09pm



9,400 km²



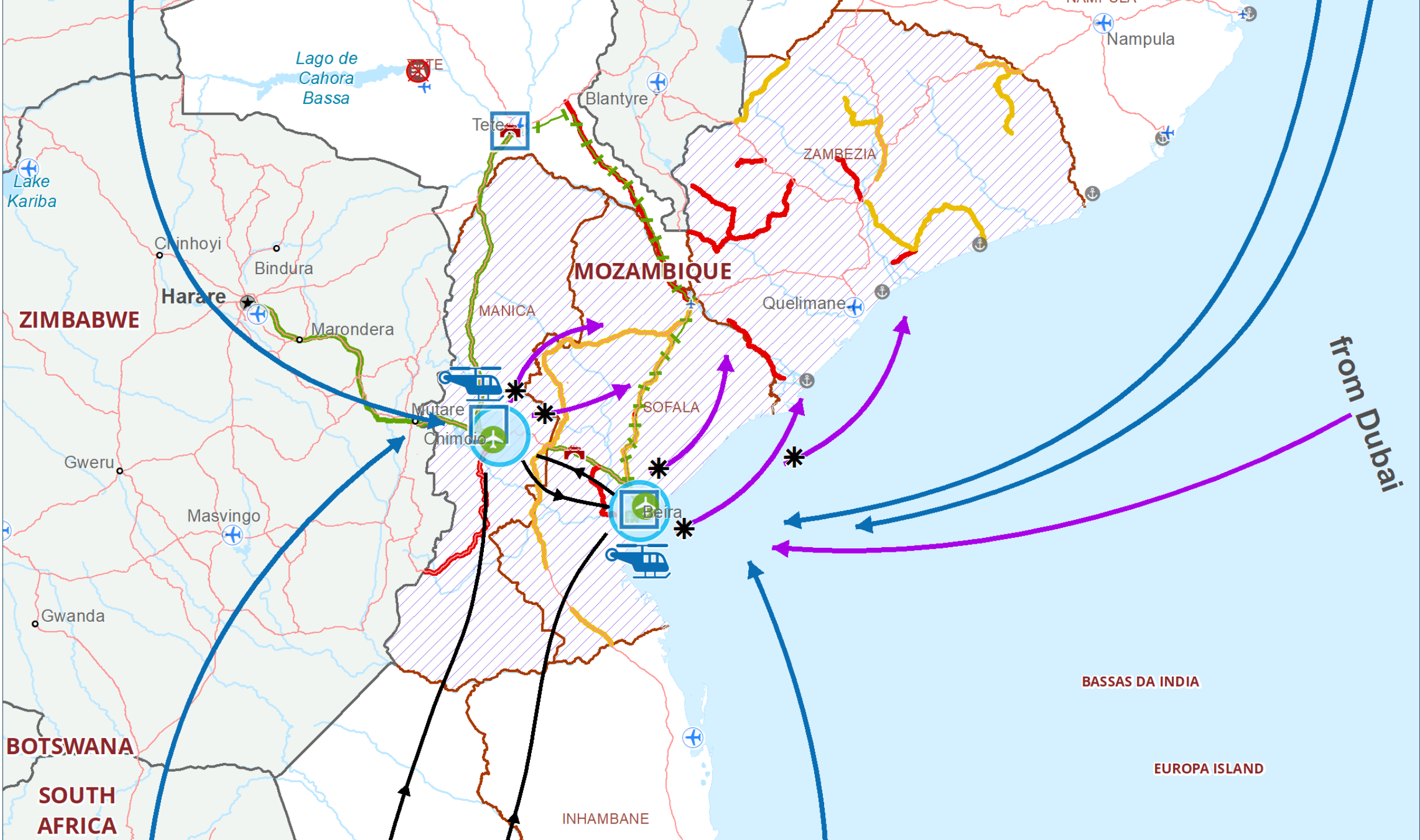
500,000



living in flooded areas



1.2M in need of food



Mozambique - Cyclone Kenneth Access Constraints Reporter



◀ 68 of 100 ▶

REPORTS DATA COLLECTED

Name & Surname
Reporter

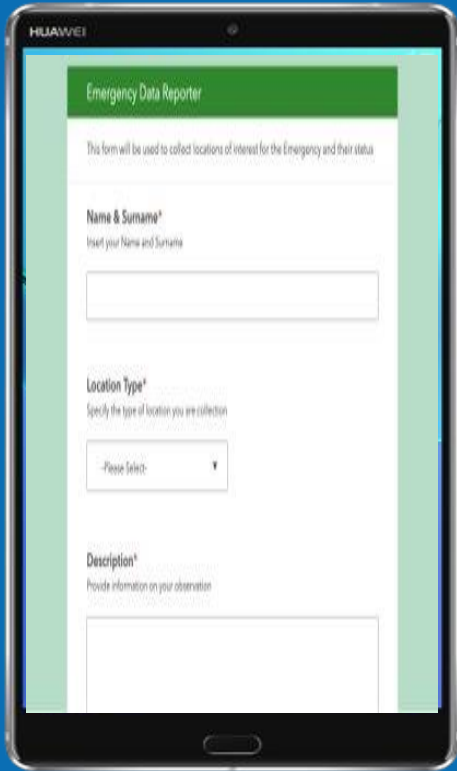
Description
Village coast in front of matemo heavily hit. People did not abandoned the area but need immediate assistance: shelter, food and water

Coordinates

observation-
bf3fca95b6924a0e8b94dd00d7a9adb9.jpg



Last update: a minute



Humanitarian Topographic Atlas



Highly detailed maps



Available for the humanitarian community



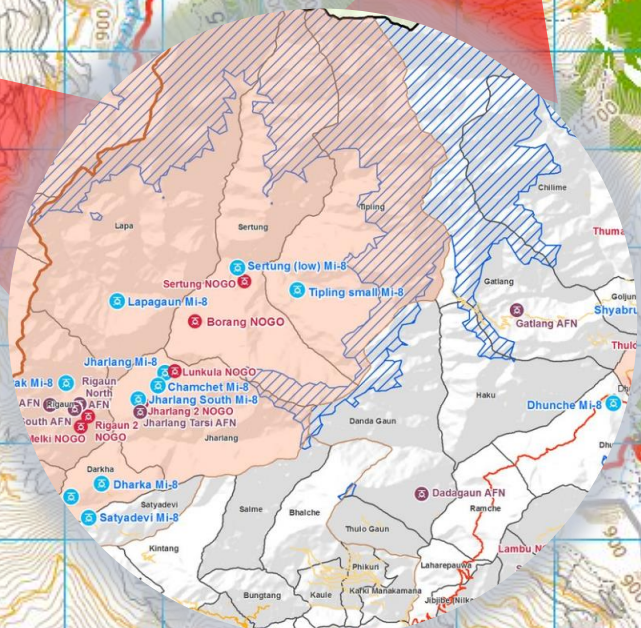
Global Coverage



Automatically created



Ready to be printed





EARTHQUAKE

EVENT INFO



7.2

Magnitude

Place: 32 km SSW of Halabjah

Time: 12 November, 18:18 GMT

Depth: 33.94 km

Coord.: Lat: 34.93 Lon: 45.79

PEOPLE LIVING IN THE AREA



Within **15 km** from epicenter ● 19,017

Within **30 km** from epicenter ● 185,350

Within **50 km** from epicenter ● 453,173

SOCIO-ECONOMIC INDICATORS



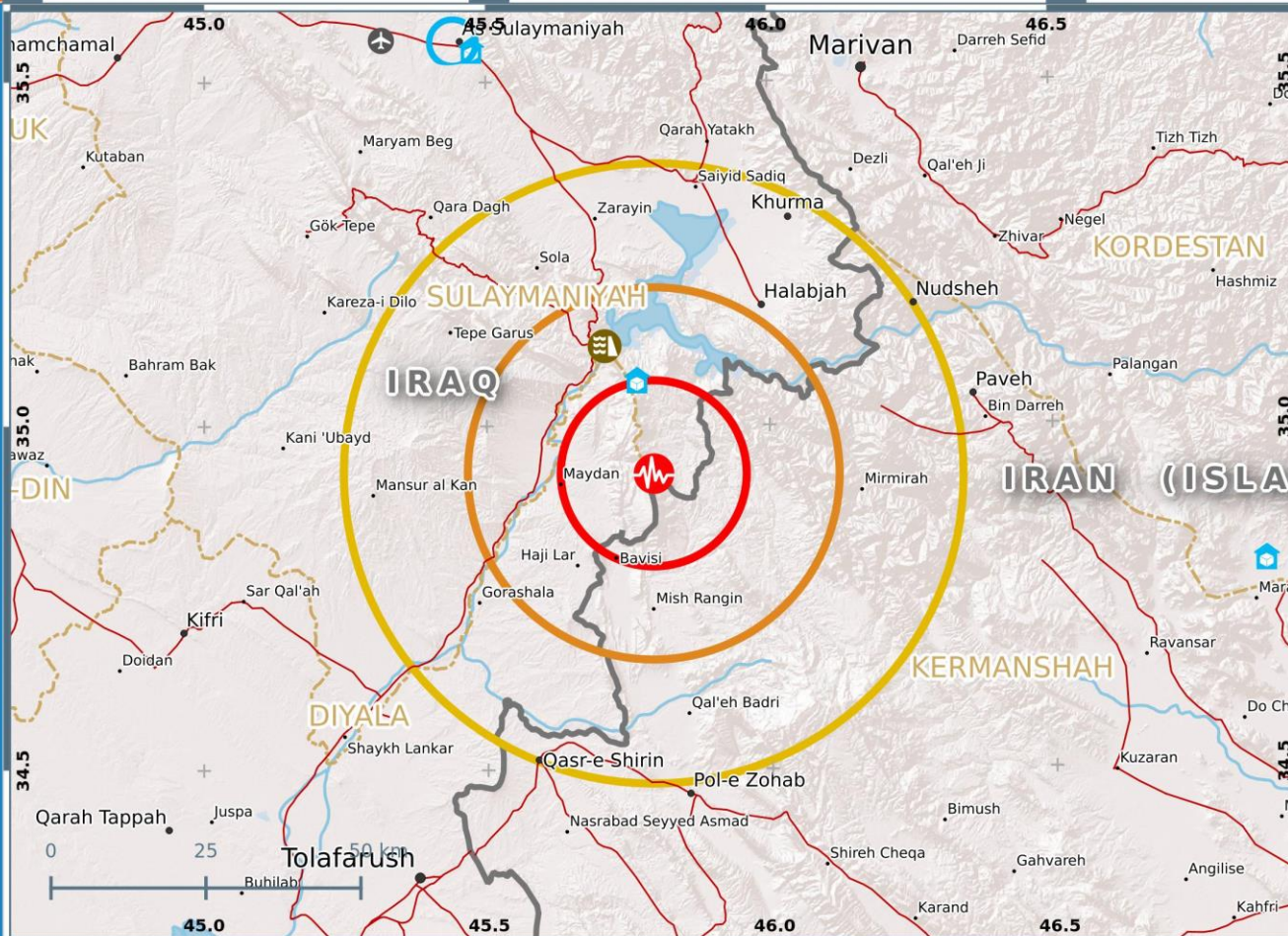
22.9%

BELOW POVERTY LINE

IN THE REGION



Sulaymaniyah, Iraq



WEATHER FORECAST

Current Conditions:



3°C

Cloud cover: 0%
Humidity: 73%
Wind: 0.83 m/s

Mon	Tue	Wed	Thu	Fri	Sat	Sun
21 0	23 3	21 4	16 -1	16 -3	16 0	17 0



WORLD FOOD PROGRAMME PRESENCE

OFFICES IN THE AFFECTED COUNTRY

Sub Offices: 5
Country Offices: 1

Reference Regional Bureau for Iraq: RBC - Cairo

CLOSEST FACILITY

Sulaymaniyah, Sub Office, IRQ (76 km from epicenter)

Automatically generated alert powered by:

ADAM

 - Automated Disaster Analysis and Mapping

12 November 2017 | 18:40:31 GMT

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- WFP Country Office
- WFP Sub Office
- WFP Warehouse
- Airport
- Port
- Nuclear power plant
- Earthquake epicenter
- Dam
- Water body
- International boundary
- First level administrative boundary
- Main road

Please report errors to hq.gis@wfp.org. Event ID: us2000bmcg. Map projection: WGS 84 / UTM zone 38N (EPSG 32638). Sources: USGS, Landsat 2015, GAUL, OpenWeatherMap, WFP, NASA, IAI, ESRI, World Bank (2007). The designations employed and the presentation of material in this map do not imply the expression of any opinion whatsoever of WFP concerning the legal or constitutional status of any country, territory or sea area, or concerning the delimitation of frontiers.



EARTHQUAKE

EVENT INFO



7.2

Magnitude

Place: 32 km SSW of Halabjah

Time: 12 November, 18:18 GMT

Depth: 33.94 km

Coord.: Lat: 34.93 Lon: 45.79

Populat.: 185,350 within 30 Km

Automatically generated **SHAKE MAP** powered by: **ADAM** - Automated Disaster Analysis and Mapping

12 November 2017

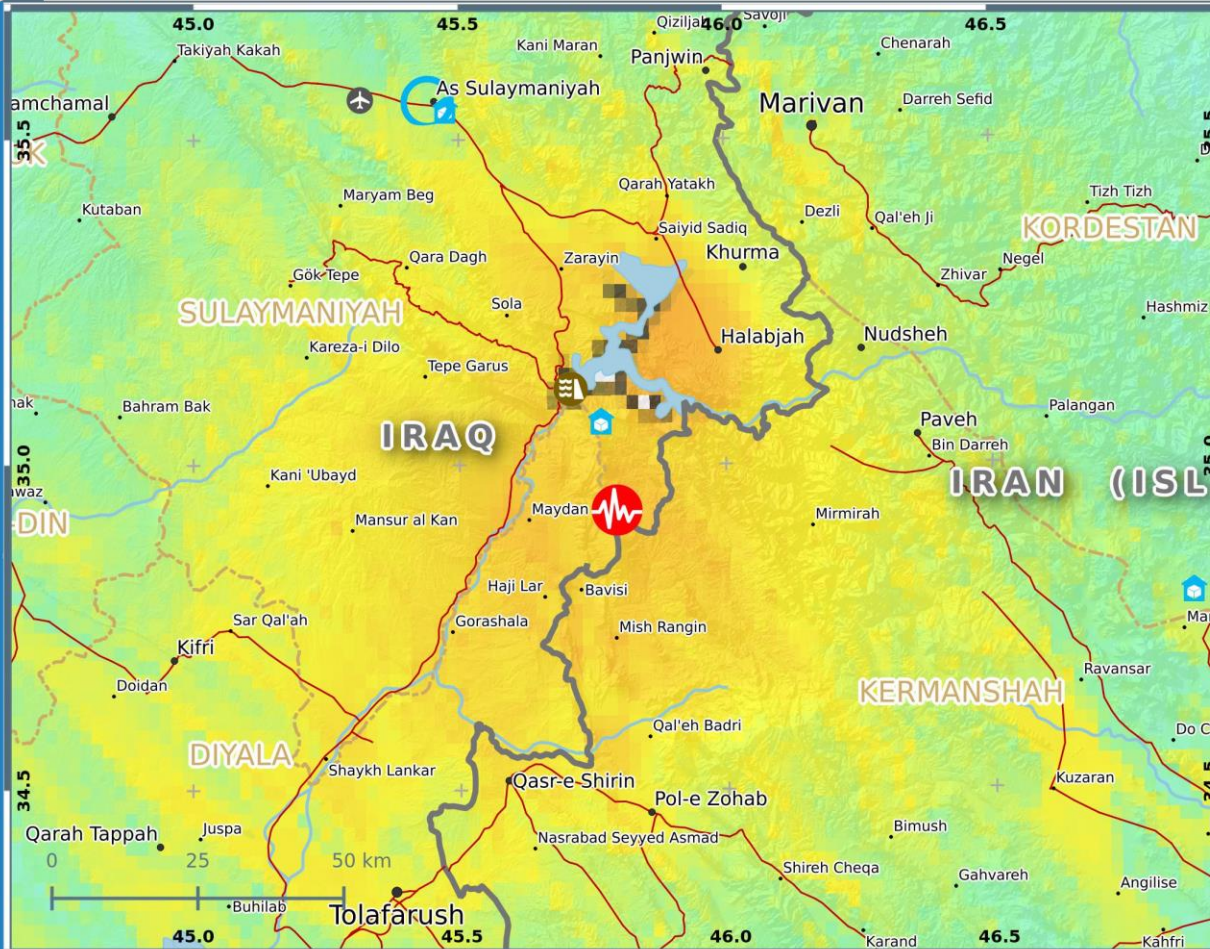
20:36:42 GMT

USGS ShakeMap

Instrumental Intensity	I	II-III	IV	V	VI	VII	VIII	IX	X+
Potential Shaking	Not felt	Weak	Light	Moderate	Strong	Very Strong	Severe	Violent	Extreme
Potential Damage	None	None	None	Very Light	Light	Moderate	Moderate/Heavy	Heavy	Very Heavy



Sulaymaniyah, Iraq



MODIFIED MERCALLI INTENSITY SCALE:

7.7/10

Intensity class VII:

People have difficulty standing. Drivers on the road feel their cars shaking. Furniture may be overturned and broken. Loose bricks fall from buildings and masonry walls and cracks in plaster and masonry may appear. Weak chimneys may break at the roofline. Damage is slight to moderate in well-built structures; considerable in poorly constructed buildings and facilities.

Concepts and definitions

Shake Map combines instrumental measurements of shaking with information about local geology and earthquake location and magnitude to estimate potential impacts throughout a geographic area.

The estimated intensity map is derived from ground motions recorded by seismographs and represents Modified Mercalli Intensities (MMI's) that are likely to have been associated with the ground motions.

Magnitude and Intensity measure different characteristics of earthquakes. Magnitude measures the energy released at the source of the earthquake. Magnitude is determined from measurements on seismographs. Intensity measures the strength of shaking produced by the earthquake at a certain location. Intensity is determined from effects on people, human structures, and the natural environment. (Source: USGS)



- WFP Country Office
- WFP Sub Office
- WFP Warehouse
- Airport
- Port
- Nuclear power plant
- Earthquake epicenter
- Dam
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- Main road

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