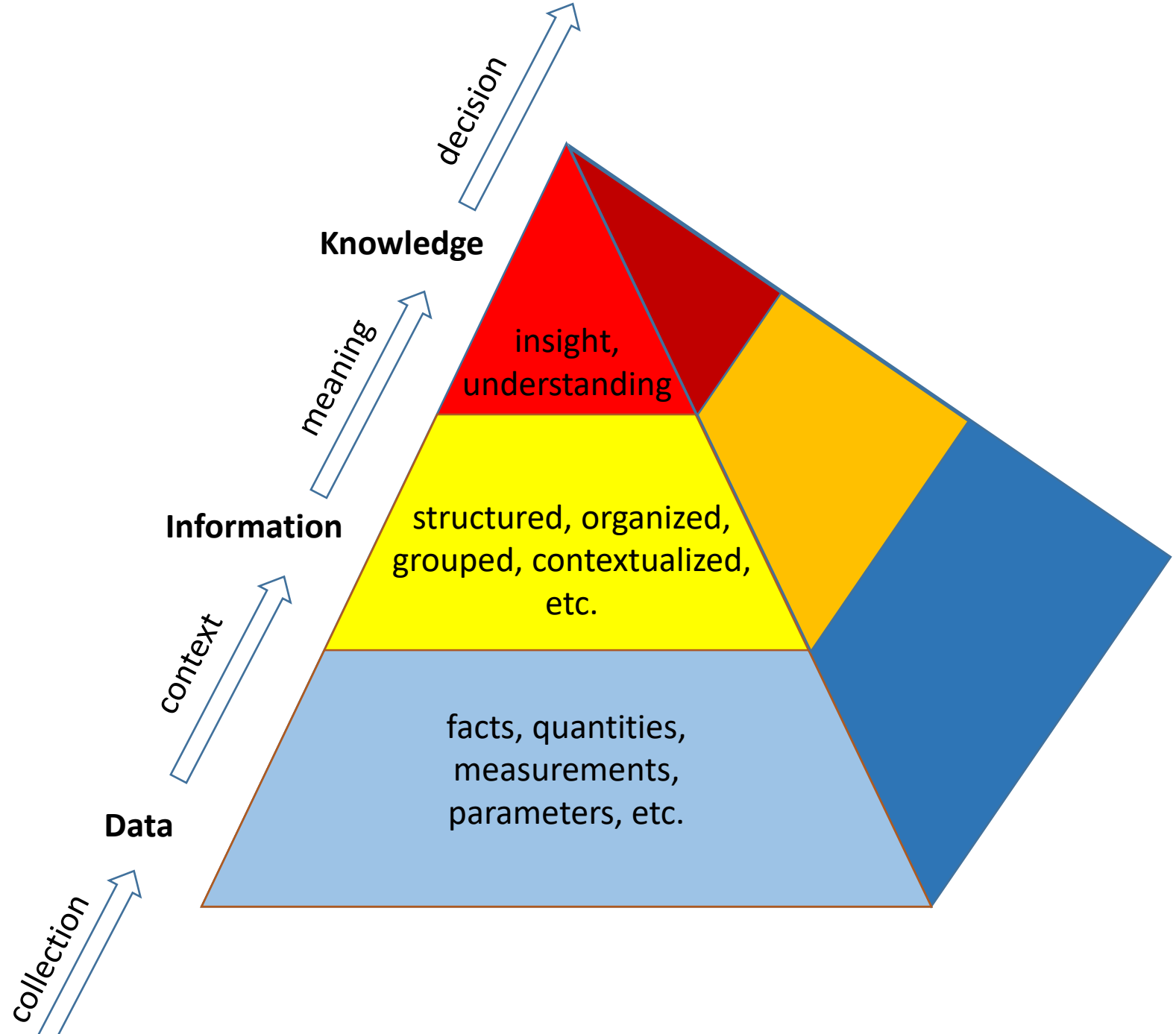
Schweizerische Eidgenossenschaft
Confédération suisse
Confederazione Svizzera
Confederaziun svizra

Swiss Agency for Development and Cooperation SDC

WFP
World Food Programme

Visualizing Emergencies




decision
Knowledge
meaning
insight,
understanding
Information
structured, organized,
grouped, contextualized,
etc.
context
Data
facts, quantities,
measurements,
parameters, etc.
collection

Schweizerische Eidgenossenschaft
Confédération suisse
Confederazione Svizzera
Confederaziun svizra

Swiss Agency for Development and Cooperation SDC

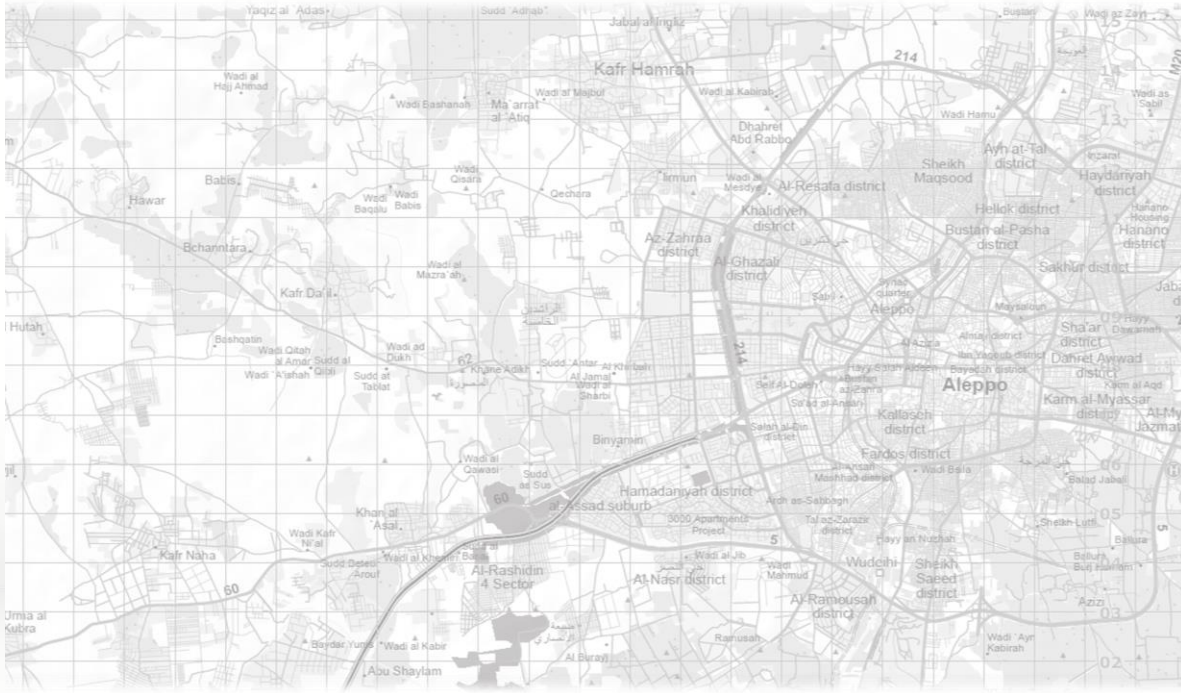
WFP
World Food Programme

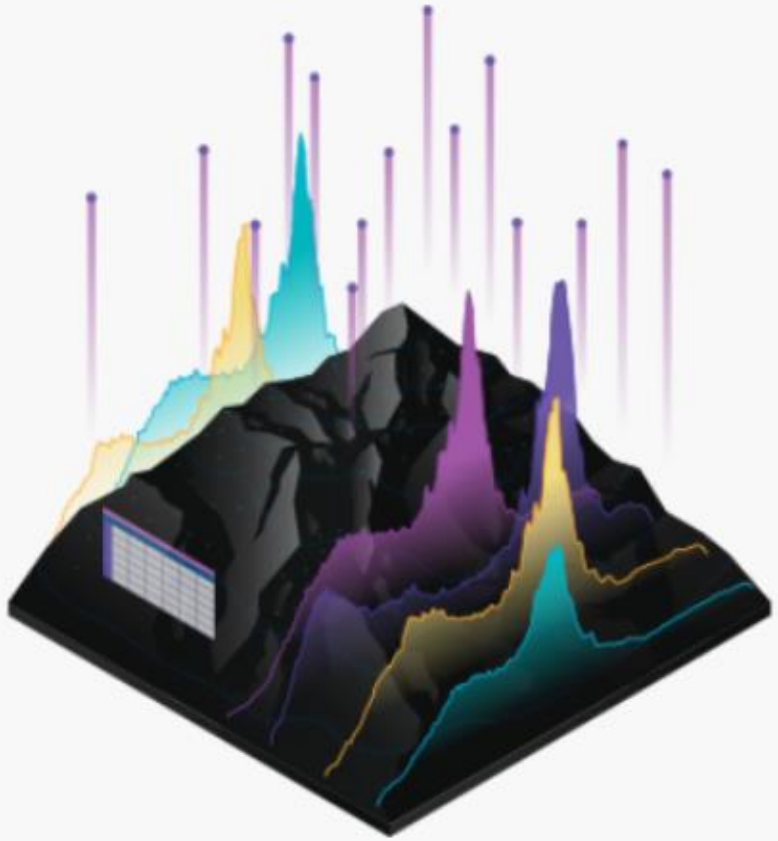
Visualizing Emergencies

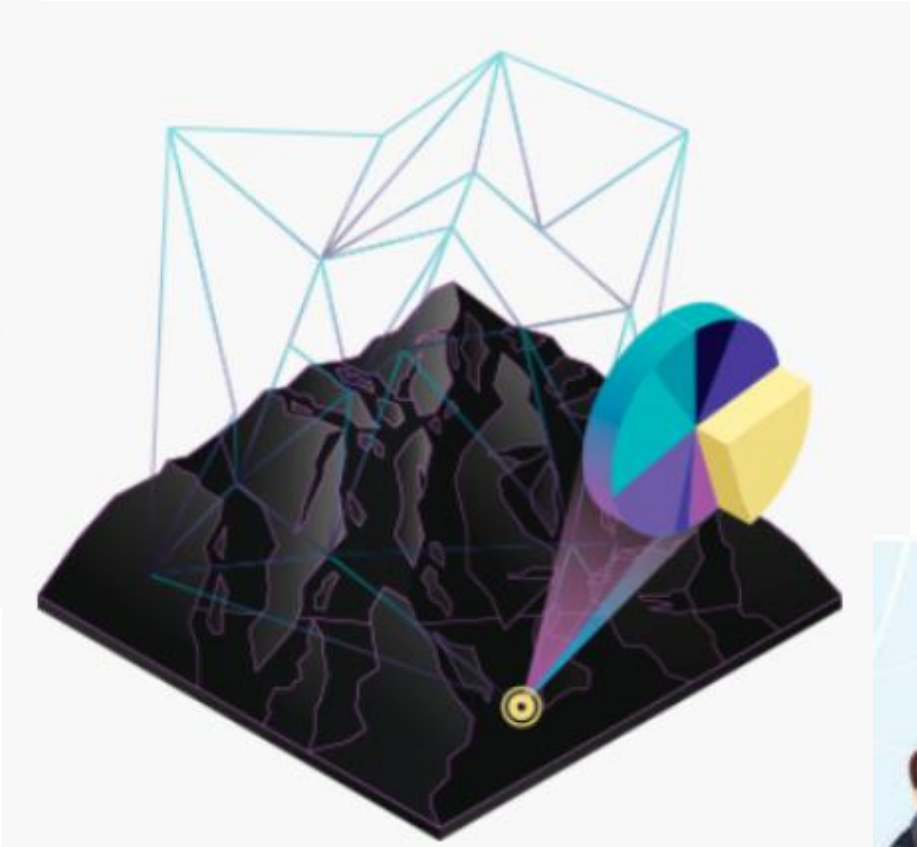




GIS

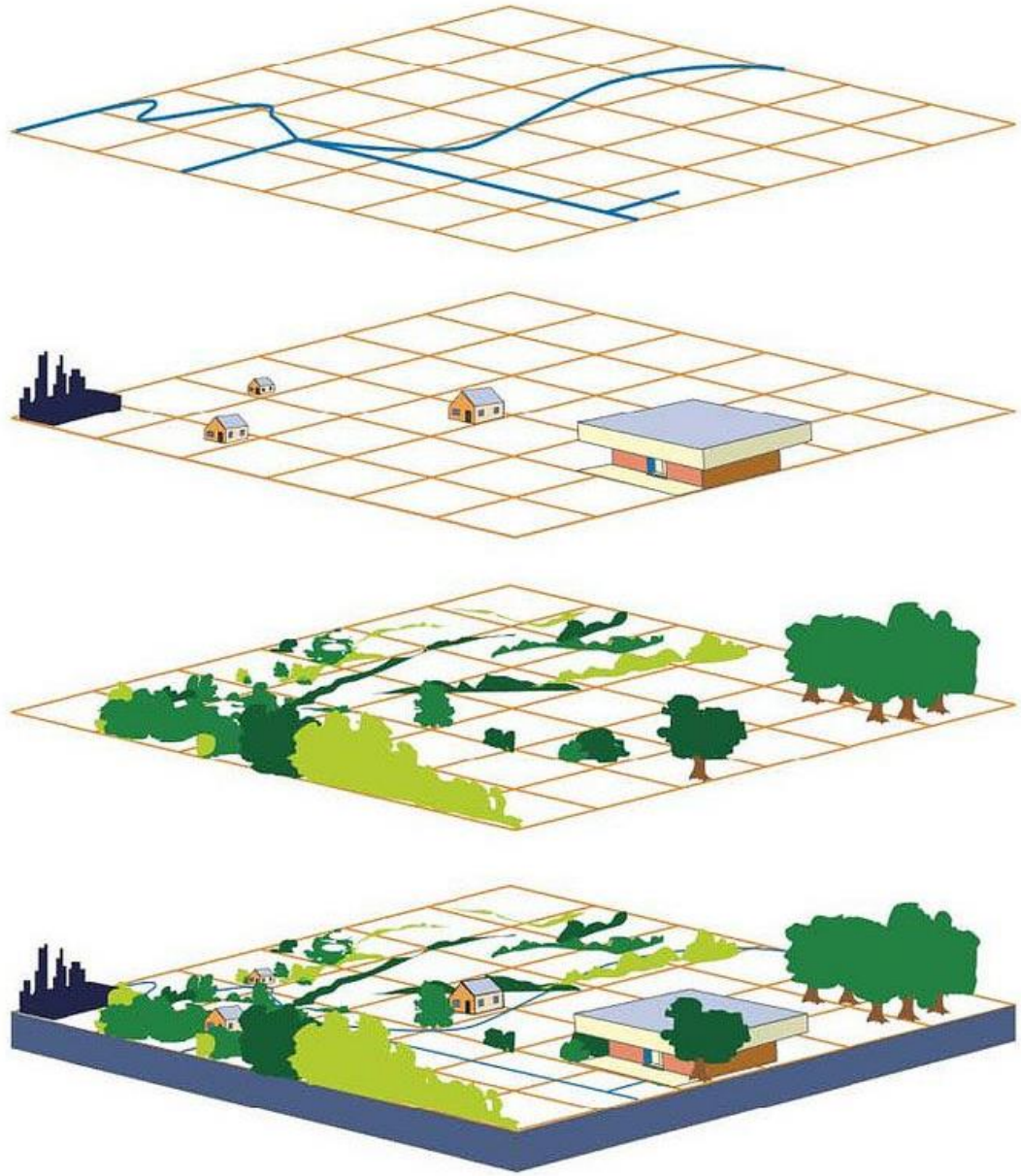

Kafr Hamrah
Aleppo
Hamadaniyeh district
Al-Rashidin 4 Sector
Al Nasr district
Al-Ramousah district
Wudcihi
Sheikh Saeed district
Fardos district
Kallaseh district
Al-Resafa district
Sheikh Maqsood
Az-Zahraa district
Al-Ghazali district
Khalidiyeh district
Bustan al-Pasha district
Dahret Awwad district
Sha'ar district
Karm al-Myassar district
Hanano district
Haydariyah district
Ayn at-Tal district
Hellok district
Sakhur district
Dhahret Abd Rabbo
Ma'arrat al-Atiq
Jibrin
Hawar
Bchannara
Kafr Da'il
Kafr Naha
Binyamin
Al Assad suburb
Abu Shaylam
Al Buraij
Ramousah
Jabal al-Hirgilas
Yaqqiz al Adas
Sudd Adhab
Wadi al Majbul
Wadi al Kabirah
Wadi Hamu
Wadi Basharah
Wadi Babis
Wadi Baqalu
Wadi Qasara
Qechara
Wadi al Mazra'ah
Wadi Qitah
Wadi A'ashah
Wadi ad Dukh
Sudd al Tablat
Khane Adkal
Sudd Astar
Al Jamal
Wadi al Sharbi
Wadi al Qawasi
Sudd as Sus
Khan al Asal
Wadi Kafr Nr al
Wadi al Khatib
Sudd Daesi Arouri
Wadi al Kabir
Wadi al Jib
Wadi Mahmud
Wadi Bala
Wadi 'Ayn Kabirah
Hutah
Jurnia al Kubra
Bashqatin
Salah al-Din district
Sheikh Lutfi
Azizi
Bustan
Waq az Zan
Wadi as Sabil
Wadi al Hajj Ahmad
Wadi Babis
Wadi Qitah al Amar
Sudd al Qitah
Sudd al Tablat
Wadi al Mazra'ah
Wadi al Qawasi
Wadi al Kabir
Wadi Kafr Nr al
Wadi al Khatib
Wadi Mahmud
Wadi Bala
Wadi 'Ayn Kabirah
Sudd Adhab
Wadi al Majbul
Wadi al Kabirah
Wadi Hamu
Wadi Basharah
Wadi Babis
Wadi Baqalu
Wadi Qasara
Wadi al Mazra'ah
Wadi Qitah
Wadi A'ashah
Wadi ad Dukh
Sudd al Tablat
Khane Adkal
Sudd Astar
Al Jamal
Wadi al Sharbi
Wadi al Qawasi
Sudd as Sus
Khan al Asal
Wadi Kafr Nr al
Wadi al Khatib
Sudd Daesi Arouri
Wadi al Kabir
Wadi al Jib
Wadi Mahmud
Wadi Bala
Wadi 'Ayn Kabirah
214
60
62
5
Mayasaloun
Nazaha
Aleppo
Aleppo
Aleppo



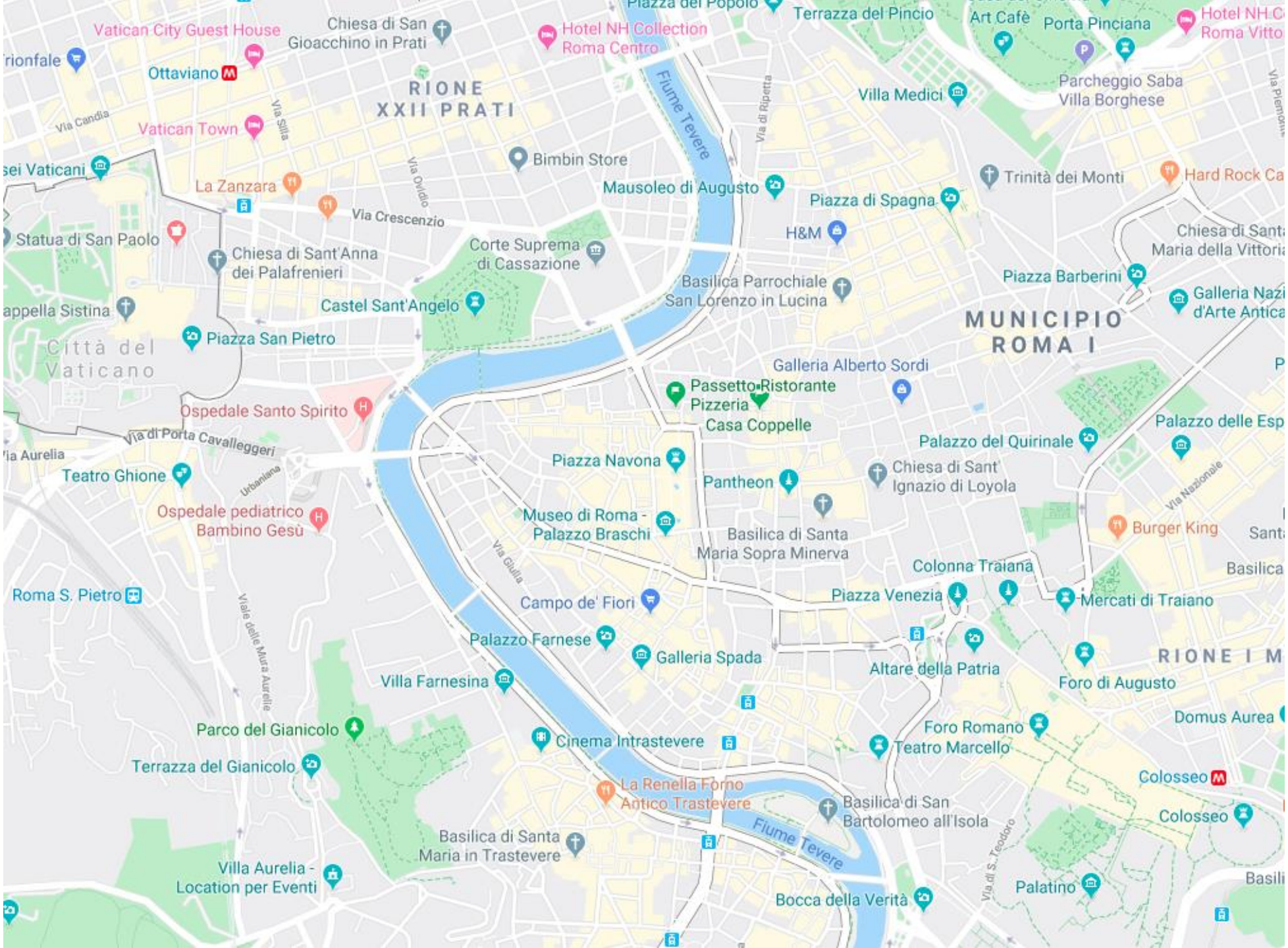


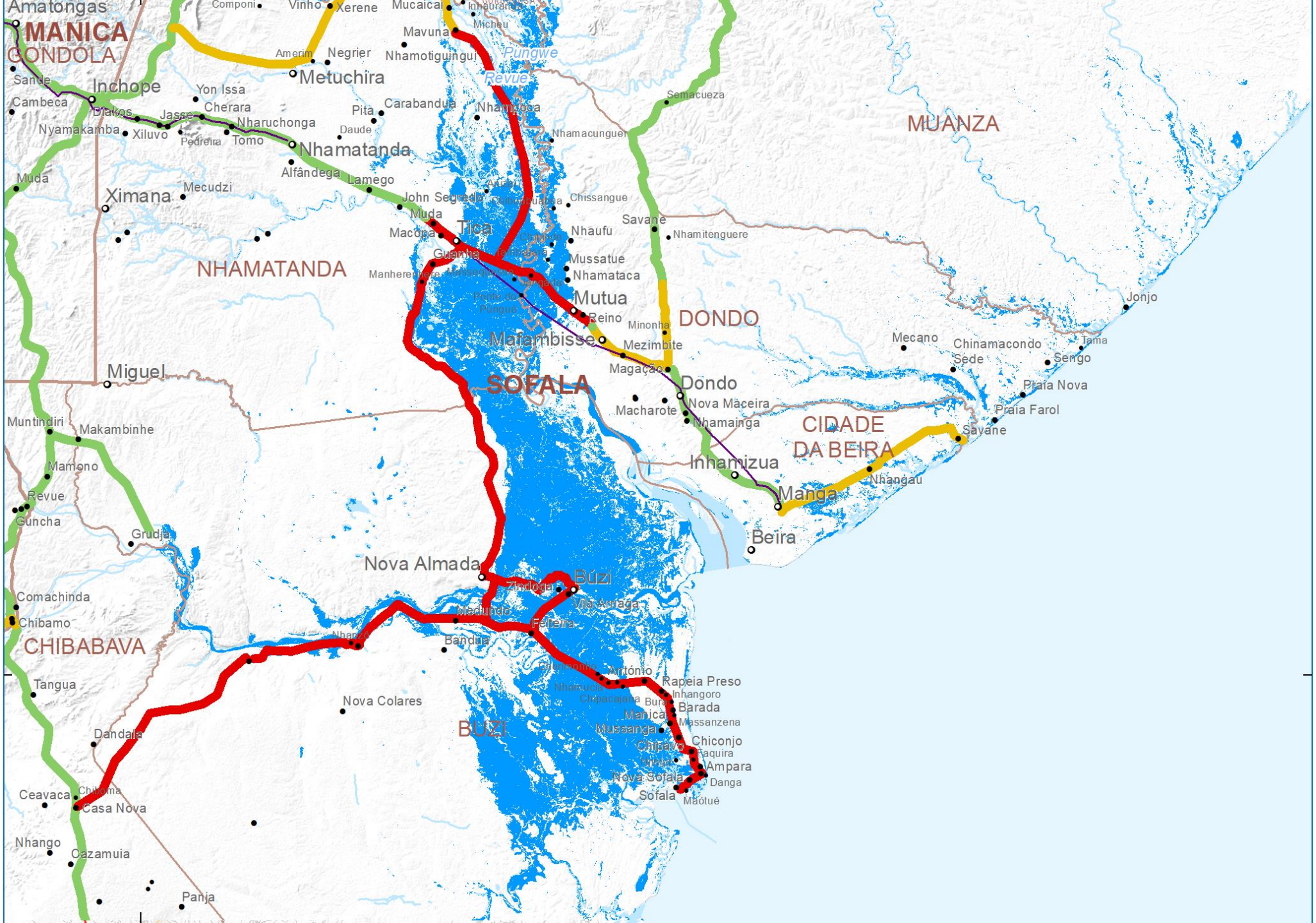


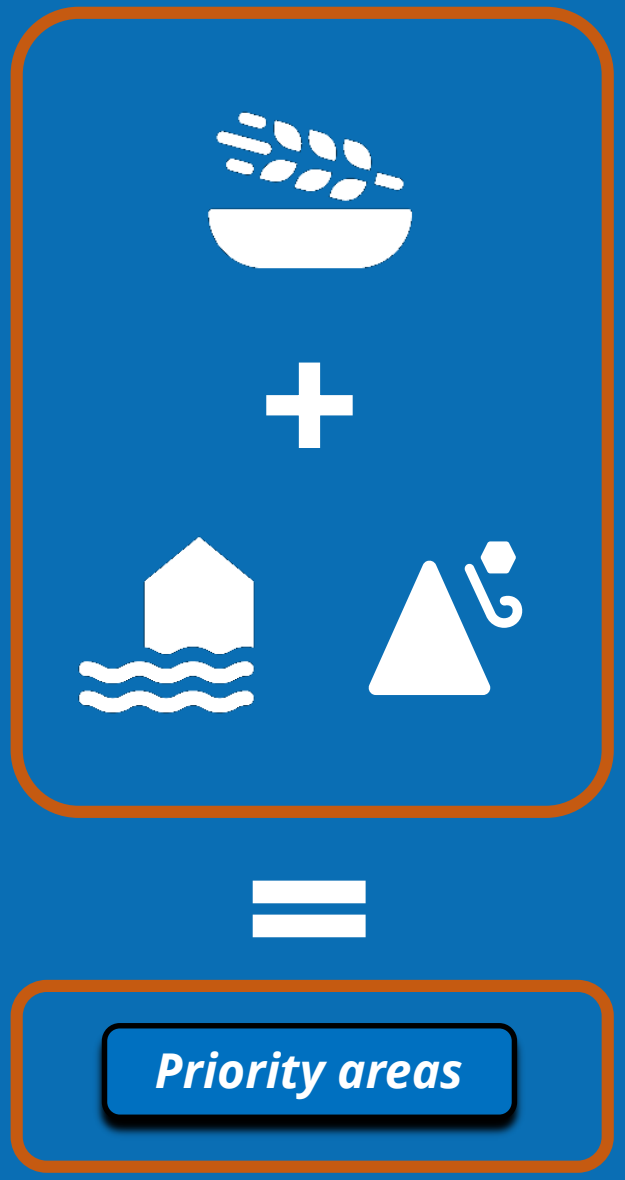
Data layers



Source: GAO.


Vatican City Guest House
Chiesa di San Gioacchino in Prati
Hotel NH Collection Roma Centro
Piazza del Popolo
Terrazza del Pincio
Art Cafè
Porta Pinciana
Hotel NH C Roma Vitto
Ottaviano
RIONE XXII PRATI
Parcheggio Saba Villa Borghese
Villa Medici
Via Candia
Via Silla
Vatican Town
Via di Ripetta
Via Ovidio
Bimbin Store
Trinità dei Monti
Hard Rock Ca
La Zanzara
Mausoleo di Augusto
Piazza di Spagna
Via Crescenzio
Statua di San Paolo
H&M
Chiesa di Sant'Anna dei Palafrenieri
Corte Suprema di Cassazione
Chiesa di Santa Maria della Vittoria
Piazza Barberini
Basilica Parrochiale San Lorenzo in Lucina
Galleria Nazi d'Arte Antica
Castel Sant'Angelo
MUNICIPIO ROMA I
Piazza San Pietro
Città del Vaticano
Galleria Alberto Sordi
Passetto Ristorante Pizzeria
Ospedale Santo Spirito
Casa Coppelle
Palazzo delle Esp
Via di Porta Cavalleggeri
Palazzo del Quirinale
Via Aurelia
Piazza Navona
Chiesa di Sant' Ignazio di Loyola
Teatro Ghione
Urbaniana
Pantheon
Via Nazionale
Ospedale pediatrico Bambino Gesù
Museo di Roma - Palazzo Braschi
Basilica di Santa Maria Sopra Minerva
Burger King
Via Giulia
Colonna Traiana
Roma S. Pietro
Campo de' Fiori
Piazza Venezia
Mercati di Traiano
Viale delle Mura Aurelie
Palazzo Farnese
Galleria Spada
Altare della Patria
RIONE I M
Villa Farnesina
Foro di Augusto
Domus Aurea
Parco del Gianicolo
Foro Romano
Cinema Intrastevere
Teatro Marcello
Terrazza del Gianicolo
Colosseo
La Renella Forno Antico Trastevere
Basilica di San Bartolomeo all'Isola
Fiume Tevere
Colosseo
Basilica di Santa Maria in Trastevere
Via di S. Teodoro
Villa Aurelia - Location per Eventi
Palatino
Bocca della Verità


MANICA
GONDOLA
Amatongas
Sande
Inchope
Cambeca
Diakos
Jasse
Cherara
Yon Issa
Nharuchonga
Nyamakamba
Xiluvo
Pedreira
Tomo
Metuchira
Amerim
Negrier
Componi
Vinho
Xerene
Mucaicai
Mavuna
Nhamotiguinguj
Pungwe
Revue
Micheu
Inhaurare
Pita
Carabandua
Daude
Nhamatanda
Alfândega
Lamego
Muda
Mecudzi
Ximana
Nhampoca
Nhamacunguer
Semacueza
MUANZA
John Segredo
Tica
Macopa
Guanha
Manherenguere
Nhaufu
Chissangue
Savane
Nhamitenguere
Mussatue
Nhamataca
NHAMATANDA
Mutua
Reino
Minonha
DONDO
Mafambisse
Mezimbite
Magação
Dondo
Nova Maceira
Nhamainga
Macharote
Mecano
Chinamacondo
Sede
Sengo
Tama
Jonjo
Praia Nova
Praia Farol
Savane
CIDADE
DA BEIRA
Inhamizua
Nhangau
Manga
Beira
SOFALA
Miguel
Muntindiri
Makambinhe
Mamono
Revue
Guncha
Grudja
Comachinda
Chibamo
CHIBABAVA
Nova Almada
Búzi
Zhuoga
Vila Amaga
Mecumdo
Féreira
Bandua
António
Rapeia Preso
Inhangoro
Barada
Manica
Massanzena
Mussanga
Chiconjo
Chipawo
Taquira
Ampara
Nova Sofala
Danga
Sofala
Maotué
Tangua
Nova Colares
BUZI
Dandaia
Ceavaca
Casa Nova
Nhango
Cazamuia
Panja



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
1
2
3

Wind Speed
120 km/h
90 km/h
60 km/h

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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TROPICAL STORM

Tropical Cyclone IDAI

EVENT INFO

Max windspeed: 203.7 km/h

Max. Storm Surge: 0.53 m.

Current Coordinates: Lat: -17.2 Lon: 42.4

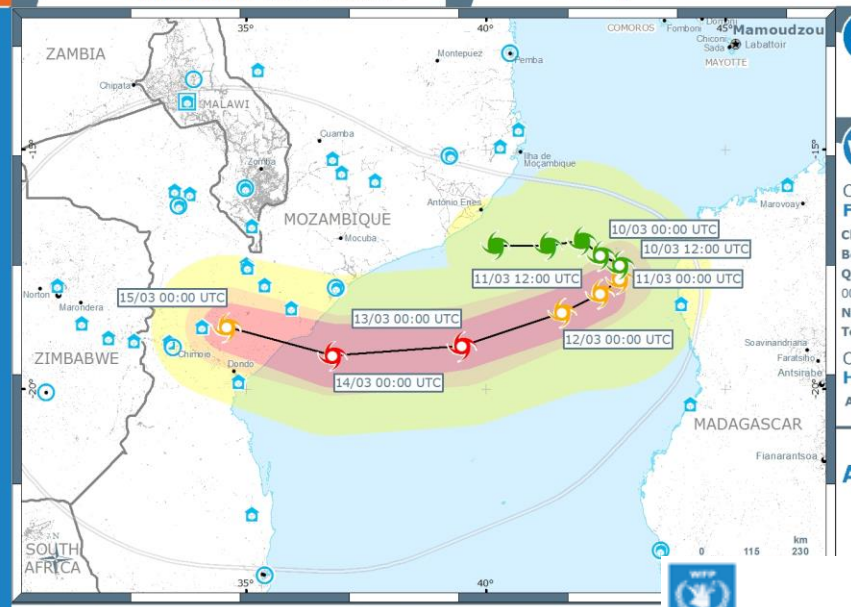
Warning ref.: JTWC - Bulletin #4

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

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

WFP Facilities
- Country Office
- Sub Office
- Warehouse

Wind buffers
- 120 km/h
- 90 km/h
- 60 km/h
- Uncertainty

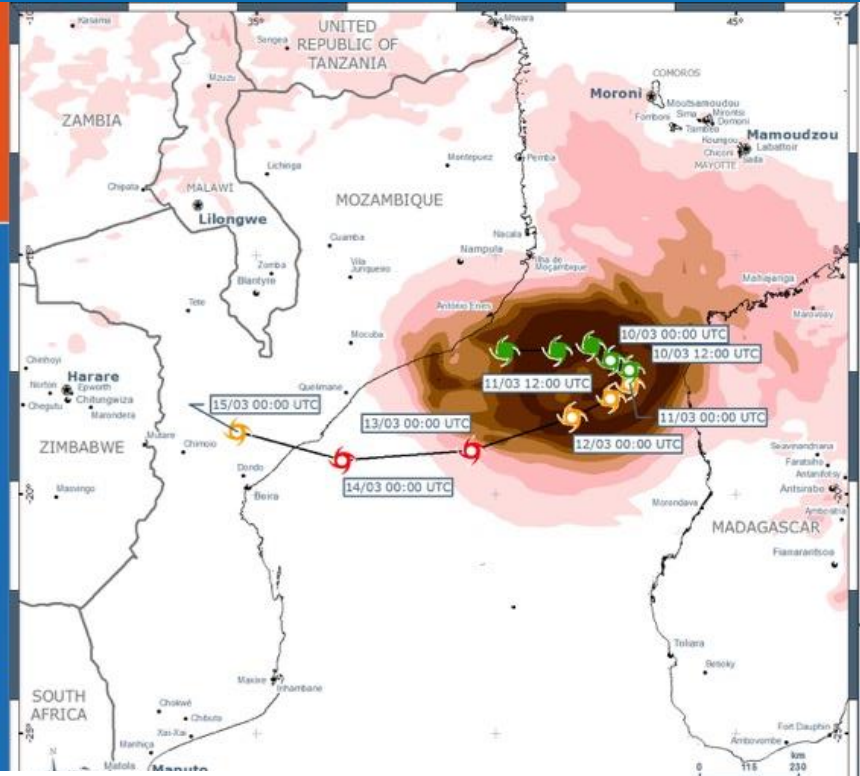
Wind speed
- < 110 km/h
- 110 - 185 km/h
- 185 - 240 km/h
- > 240 km/h

Wind speed (forecast)
- < 110 km/h
- 110 - 185 km/h
- 185 - 240 km/h
- > 240 km/h

TROPICAL STORM

Tropical Cyclone IDAI

3 Days Precipitation Forecast - From 9 to 11 Mar





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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Accumulated Precipitation (mm.)
- < 20
- 20 - 50
- 50 - 100
- 100 - 150
- 150 - 200
- 200 - 250
- 250 - 350
- > 350

Please report errors to hq.gis@wfp.org. Event ID: 1000552_4. Coordinate system: GCS WGS 1984. Sources: GDACS, ECMWF, Landscan 2015, GAUL, WFP, ESRI. 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.

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

			population			
			60km/h	90km/h	120km/h	
admin0	admin1	admin2				Total
MADAGASCAR	Melaky	Antsalova	18,305			18,305
		Besalampy	32,819			32,819
		Maintirano	105,227	9,907		115,134
		Morafenobe	7,729			7,729
	Menabe	Belo Sur Tsiribihina				
MADAGASCAR - TOT			164,080	9,907		173,987
MALAWI	Southern Region	Blantyre	51			51
		Chikwawa	506,789			506,789
		Mulanje	53,308			53,308
		Nsanje	256,604	81,159		337,763
		Thyolo	459,447			459,447
MALAWI - TOT			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

Aerial assessment pictures provided by MAF, as of 18 March 2019



3 Beira-Inchope road, near Tica

Picture taken on 18 mar 2019, 4:09pm



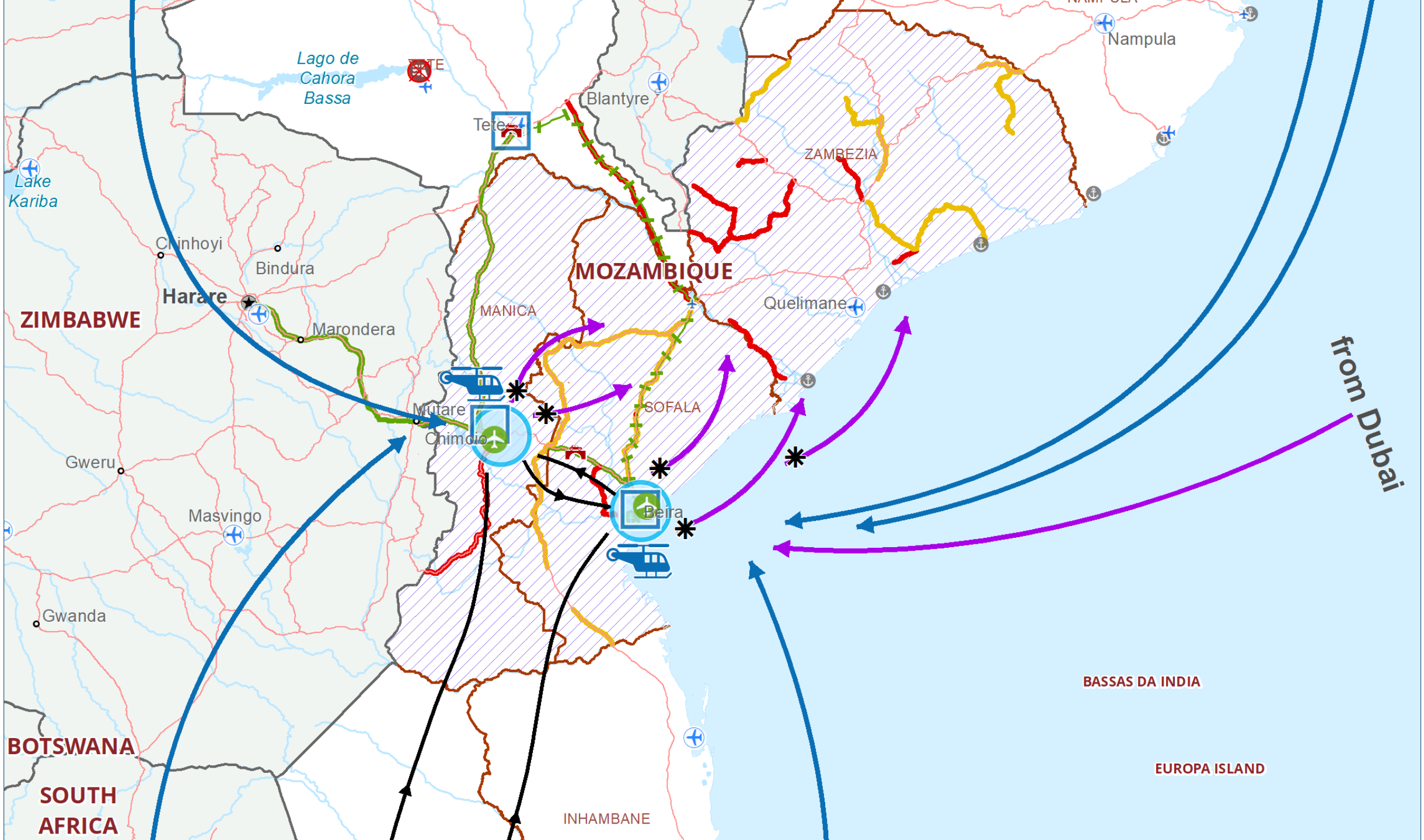


9,400 km²

500,000

living in flooded areas

1.2M in need of food


Lago de Cahora Bassa
TETE
Blantyre
Nampula
Tete
ZAMBEZIA
Lake Kariba
Chinhoyi
Bindura
Harare
MOZAMBIQUE
ZIMBABWE
MANICA
Quelimane
Marondera
Mutare
Chimoio
SOFALA
Gweru
Beira
Masvingo
Gwanda
BASSAS DA INDIA
BOTSWANA
EUROPA ISLAND
SOUTH AFRICA
INHAMBANE
from Dubai

Mozambique - Cyclone Kenneth Access Constraints Reporter

WFP OSE GIS
GEOSPATIAL SUPPORT UNIT
DIVISION OF EMERGENCIES



68 of 100

REPORTS DATA COLLECTED

Name & Surname Reporter	Luca
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

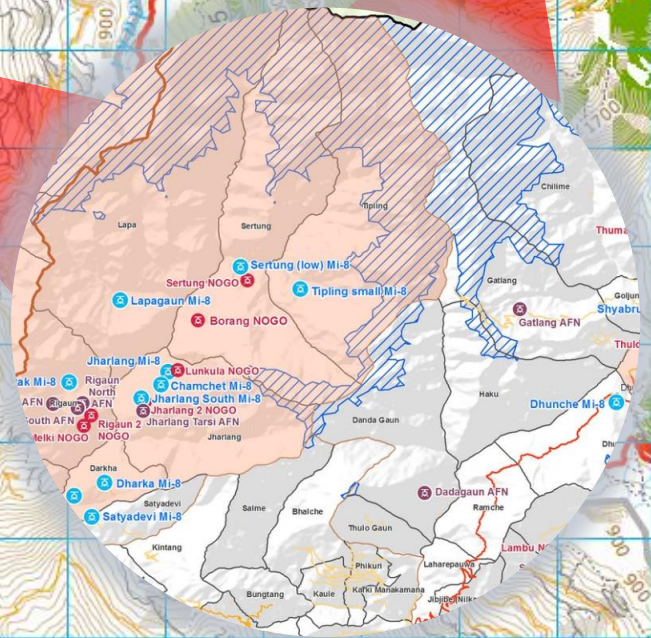




Humanitarian Topographic Atlas







- Highly detailed maps
- Available for the humanitarian community
- Global Coverage
- Automatically created
- Ready to be printed

EARTHQUAKE

Sulaymaniyah, Iraq

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

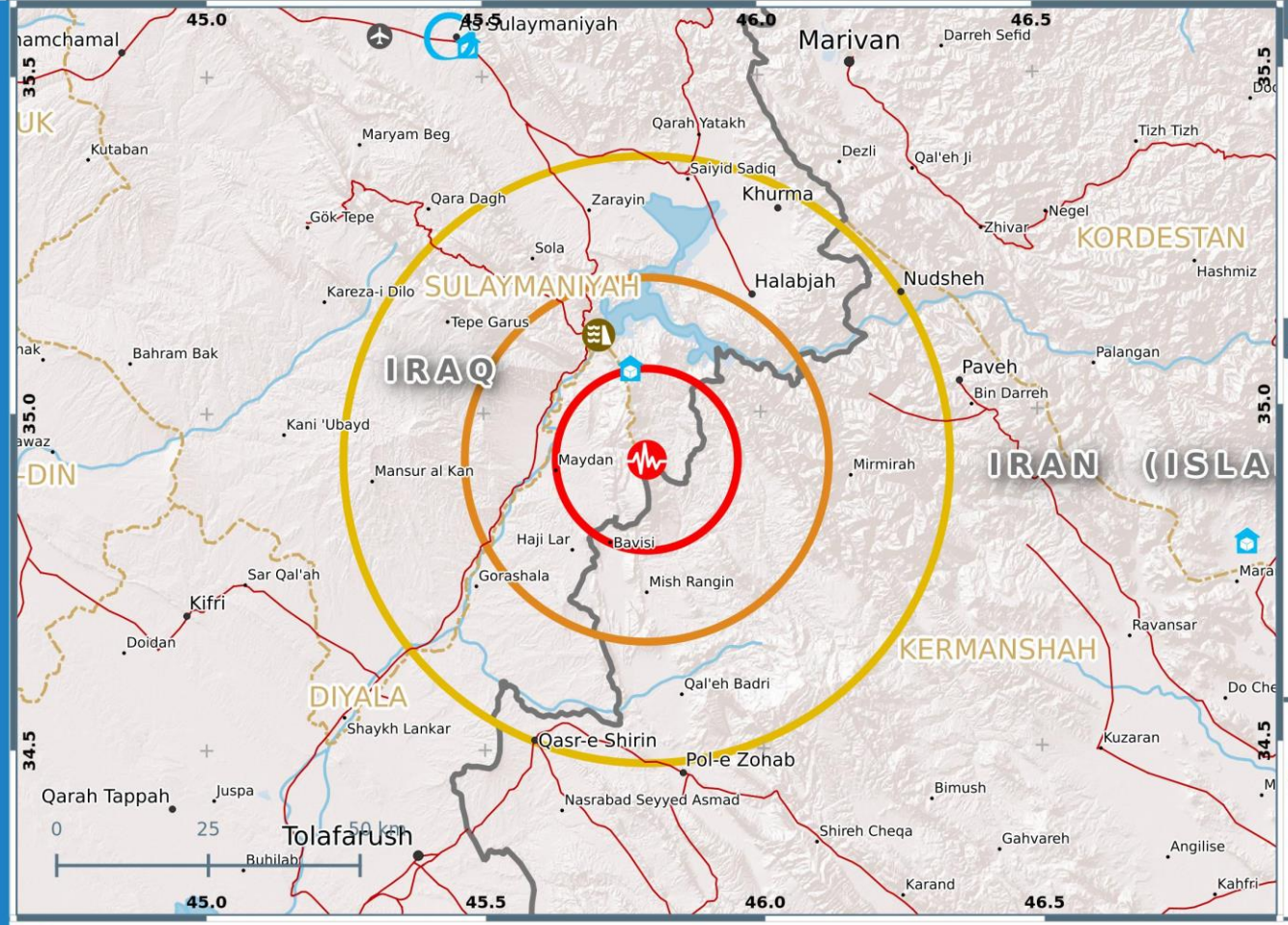
PEOPLE LIVING IN THE AREA

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





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
Follow alerts via Twitter: **@wfp_adam**

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- 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, Landscan 2015, GAUL, OpenWeatherMap, WFP, NASA, IAIE,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

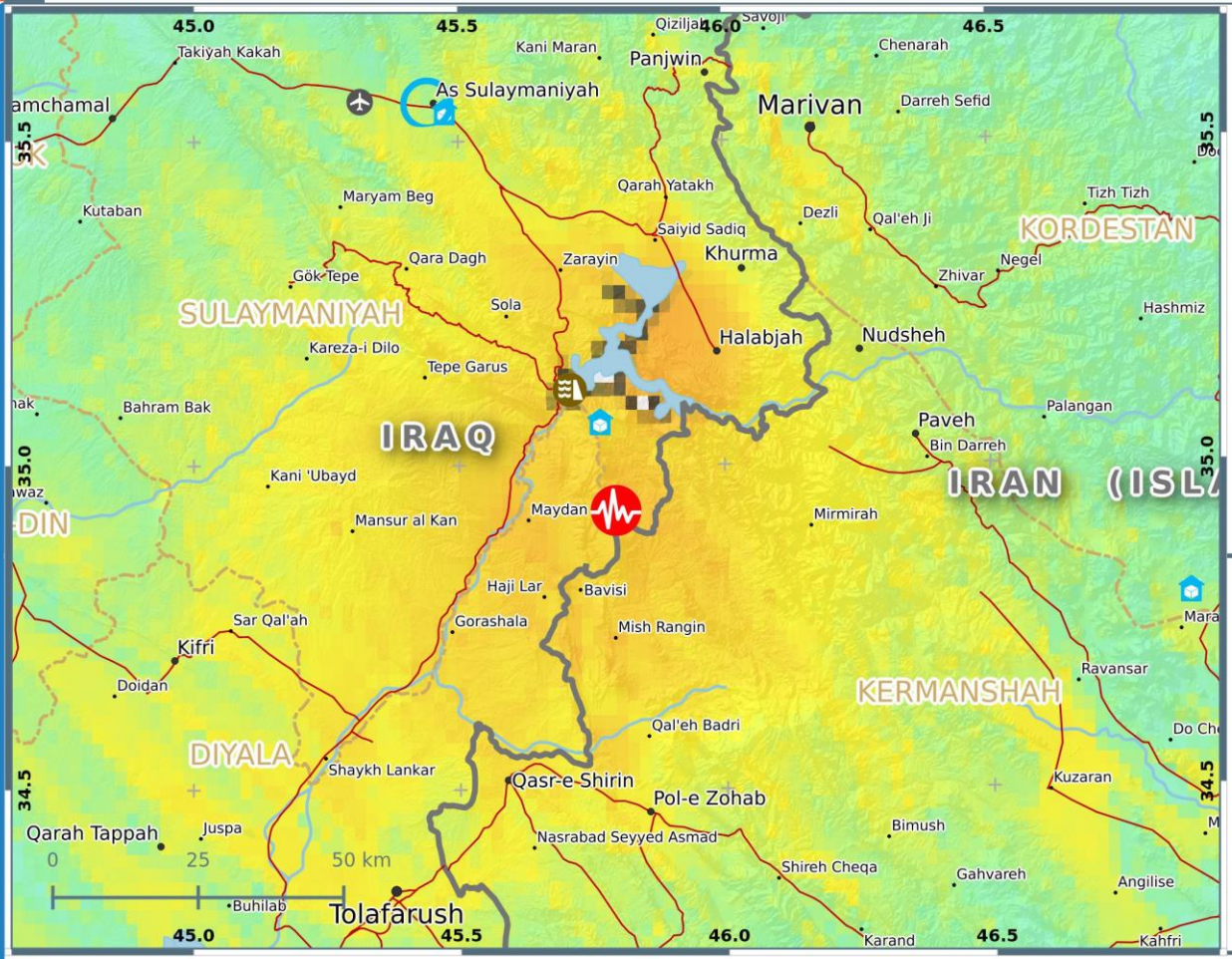
12 November 2017 20:36:42 GMT

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)

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- 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 (ShakeMap layer, earthquake info), GAUL, WFP, NASA, ESRI. 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.


PalmTreesVARI
MEAN
Needs Inspection
Declining Health
Moderate
Healthy




MV1986
BAHAMAS
WASH M04-U5
Tool box


HUMANITARIAN
AID
WATER AND SEWERAGE
CORPORATION

Schweizerische Eidgenossenschaft
Confédération suisse
Confederazione Svizzera
Confederaziun svizra

Swiss Agency for Development and Cooperation SDC

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Visualizing Emergencies

