

ADAM

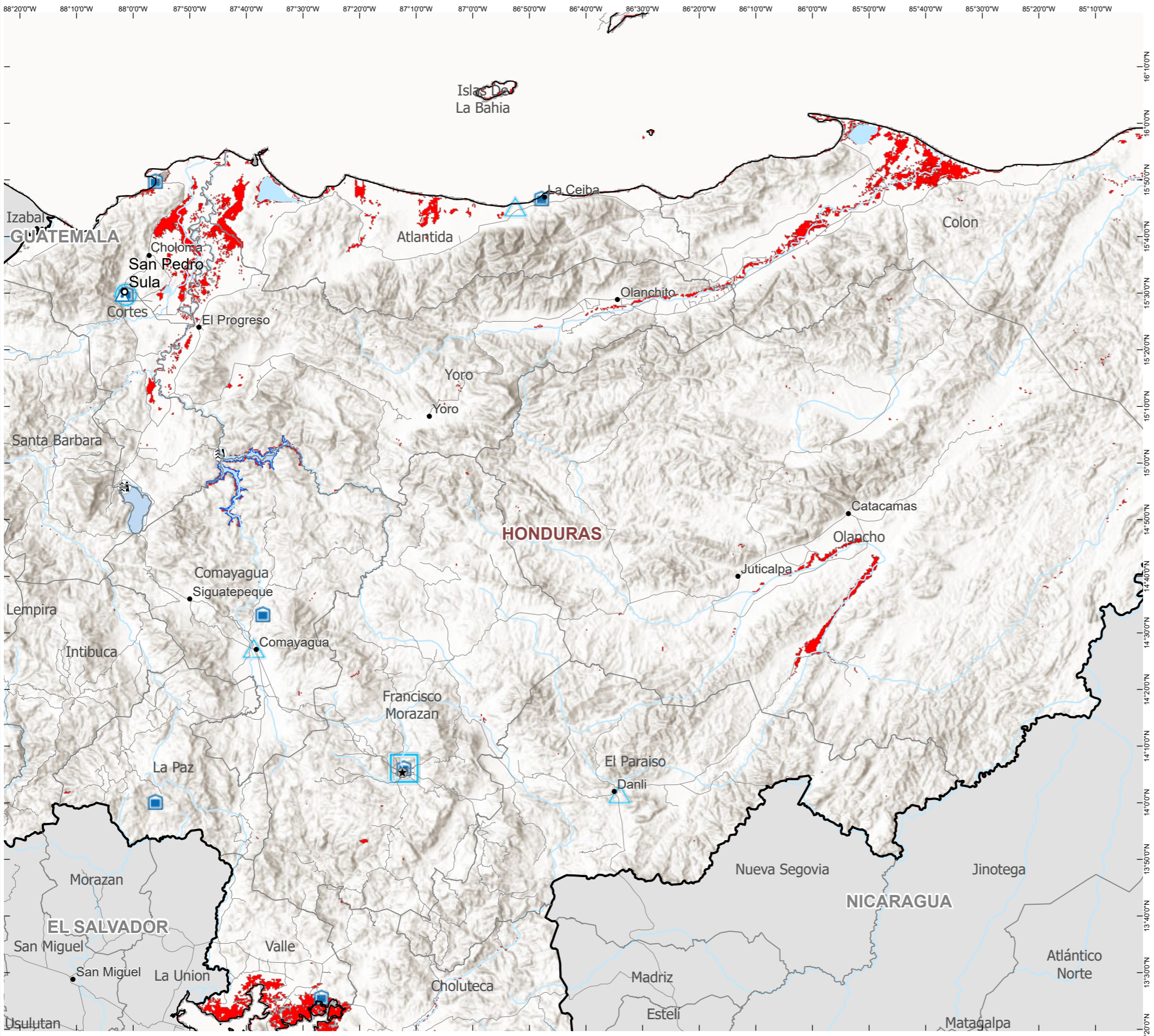
Advanced Disaster Analysis & Mapping

Flood Impact Analysis Honduras

Update #2

Maximum Flood Extent
23 November 2024

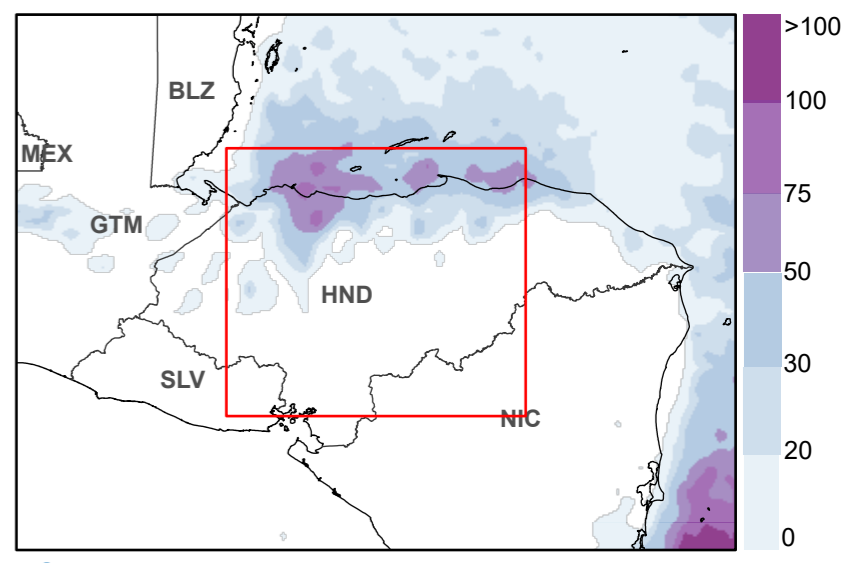




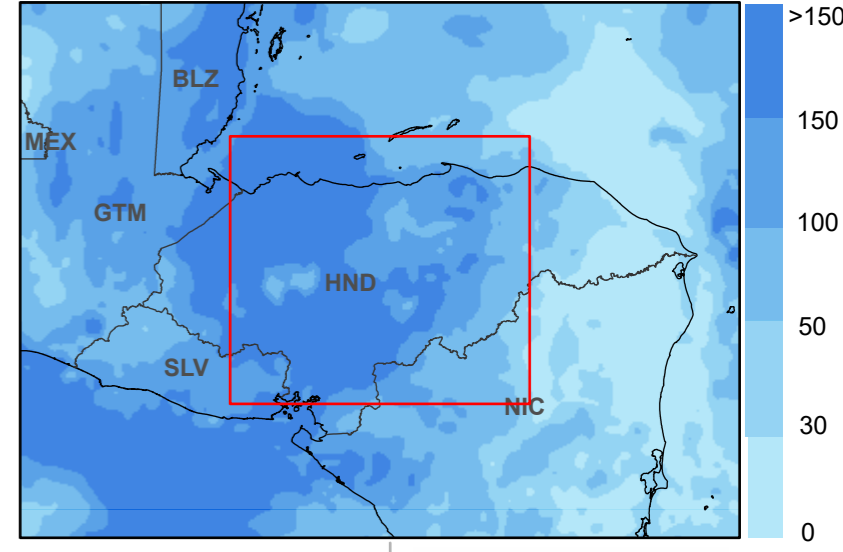
Rapid Flood Impact Summary

102,402 Total observed flooded or inundated area (hectares)	80,850 Total number of people living in the flooded pixel
58,731 Total flooded cropland areas	21,906 Total number of vulnerable population in the flooded area

Next 5-days rainfall forecast



Past 7-days rainfall accumulation



- Country Office
- Field Office
- Sub Office
- Warehouse
- National Capital
- Major City
- City
- River
- Road
- International Boundary
- Administrative Boundary 1
- Special boundary line; Armistice, undetermined or administrative line; Autonomous region boundary; Other; Sovereign base limit
- Permanent Water Bodies
- Dam / Reservoir

***Satellite Observed Water Extent**

- Observed Flooded Area
- Historical Maximum Flood Extent MODIS 2000 - 2018
Source: DFO and Cloud2Street

Population of Concern (UNHCR)

- Refugee, individual accommodation in communities

**Data displays the maximum combined NOAA VIIRS and Floodscan flood extent detection on the date specified on the map*

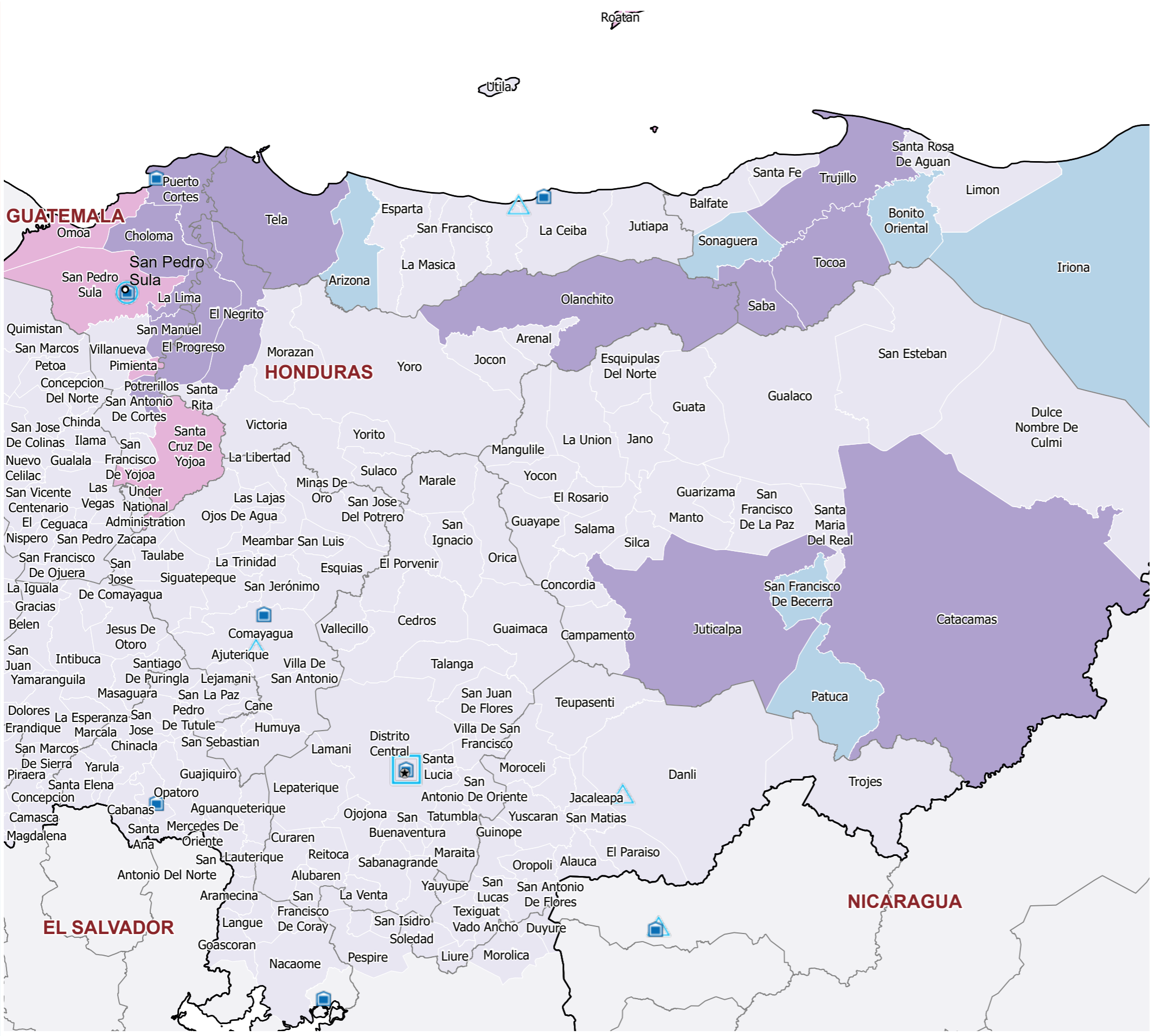
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aer Atmospheric and Environmental Research

FloodList

European Commission
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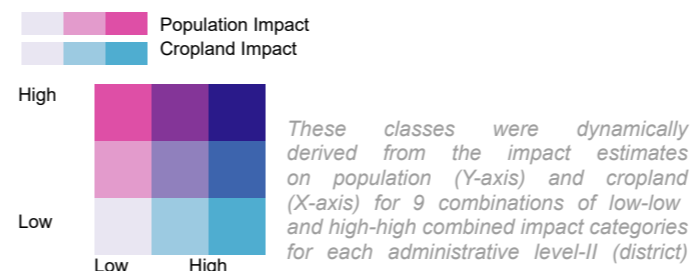


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Potentially impacted population	Estimated flooded cropland (has)
1 - 1K	1 - 1K
1K - 10K	1K - 10K
10K - 20K	10K - 20K
20K - 50K	20K - 50K
>50K	>50K

Bi-variate color classification (Main Map Frame)



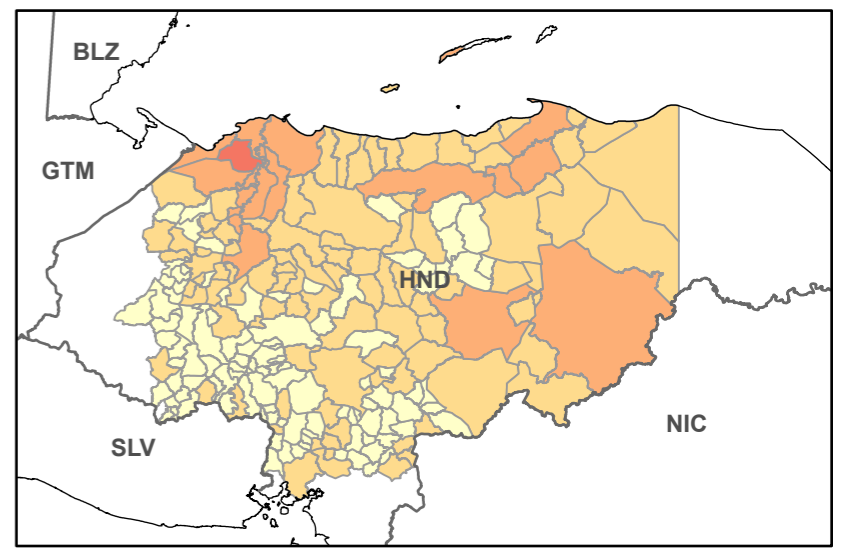
Flood Impact Data Aggregation

Derived data are summarized by administrative unit II (admin2). For any boundary related concerns, please write to wfp.adam@wfp.org. This aggregated information is indicative and for planning purposes only.

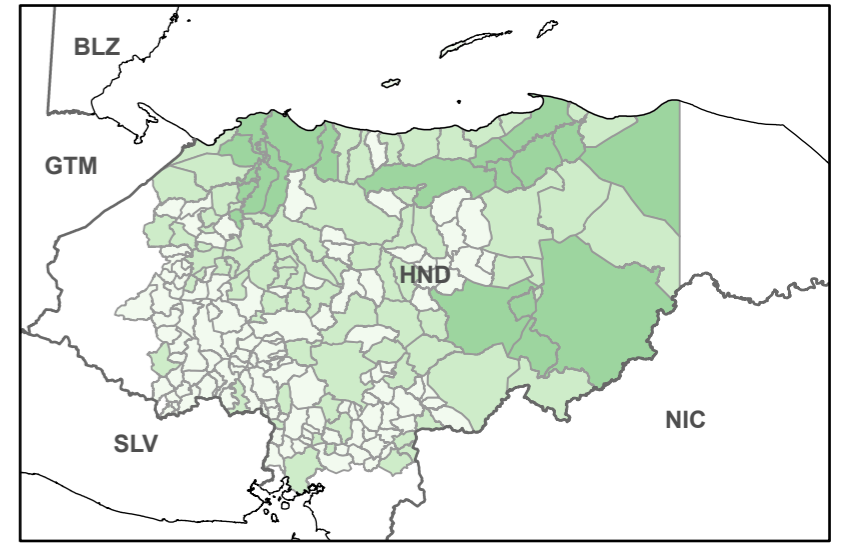
Global Data Sources:
Population - WorldPop 2022
Cropland Areas - NASA GFSAD30



Estimated population living within the flooded area (Admin Unit II)



Estimated crop lands within the flooded area (Admin Unit II)



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Advanced Disaster Analysis and Mapping

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.

Data sources: WFP offices; WFP - Boundaries; UN Map, WFP - Roads; ©OpenStreetMap Contributors - Populated places: GeoNames - Accumulated rainfall: GPM - Weather forecast: ECMWF

Date Created: 23 Nov 2024 - Contact: hq.gis@wfp.org
Map Reference: ADAM_Floods_v4

Honduras Flooding

Rapid Flood Impact Analysis Breakdown

**estimated number of people living in the flooded areas with at least 100 people potentially affected per district. Vulnerable population within flooded area are estimates from WorldPop data.*

(Admin unit 1) Region	(Admin unit 2) District	Flooded Area (hectares)	Flooded Cropland (hectares)	Potentially Impacted Population*		
				Total in District	Children (0-9 y.o.)	Elderly (>60 y.o.)
Atlantida	Arizona	1,158	1,223	436	34	86
	El Porvenir	242	217	163	13	32
	Esparta	618	700	190	15	38
	Jutiapa	67	56	156	12	31
	La Ceiba	13	18	799	63	158
	Tela	1,920	1,027	1,522	120	301
Choluteca	Morolica	125	126	103	9	19
Colon	Bonito Oriental	2,267	1,508	441	32	97
	Iriona	2,603	1,477	350	26	77
	Saba	2,639	1,765	2,355	178	507
	Santa Fe	445	95	107	8	23
	Santa Rosa De Aguan	244	174	165	12	36
	Sonaguera	1,994	1,086	638	47	140
Comayagua	Tocoa	6,173	3,496	5,862	430	1,283
	Trujillo	10,756	5,983	5,369	394	1,175
	La Libertad	635	195	400	29	85
	Las Lajas	243	15	116	8	25
	Meambar	717	223	151	11	32
	Minas De Oro	311	256	250	19	52
Cortes	Choloma	5,822	3,736	10,727	699	2,017
	La Lima	3,447	2,505	1,059	72	203
	Omoa	561	184	2,671	174	502
	Pimienta	676	504	1,278	85	242
	Potrillo	1,936	1,515	1,992	130	375
	Puerto Cortes	4,114	2,718	5,414	363	1,029

	San Francisco De Yojoa	81	48	203	13	38
	San Manuel	2,038	1,093	2,573	176	493
	San Pedro Sula	625	525	3,934	256	739
	Santa Cruz De Yojoa	782	311	1,048	76	205
	Villanueva	61	79	173	11	33
Francisco Morazan	Distrito Central	27	22	495	38	85
Islas De La Bahia	Roatan	823	0	9,150	495	1,884
	Utila	81	0	583	32	120
Olancho	Catacamas	6,855	4,771	1,248	92	269
	Dulce Nombre De Culmi	2,113	349	198	15	43
	Juticalpa	4,095	2,478	1,758	129	379
	Patuca	2,562	1,671	502	37	108
	San Francisco De Becerra	1,763	1,053	380	28	82
	Santa Maria Del Real	760	566	177	13	38
Valle	Nacaome	299	246	153	14	30
Yoro	Arenal	690	160	143	12	29
	El Negrito	4,555	2,468	1,063	86	217
	El Progreso	12,054	6,044	9,587	751	1,938
	Olanchito	4,043	3,314	2,151	175	442
	Santa Rita	688	277	321	26	66
	Victoria	1,947	626	493	40	101
	Yoro	413	108	110	9	23

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