

ADAM

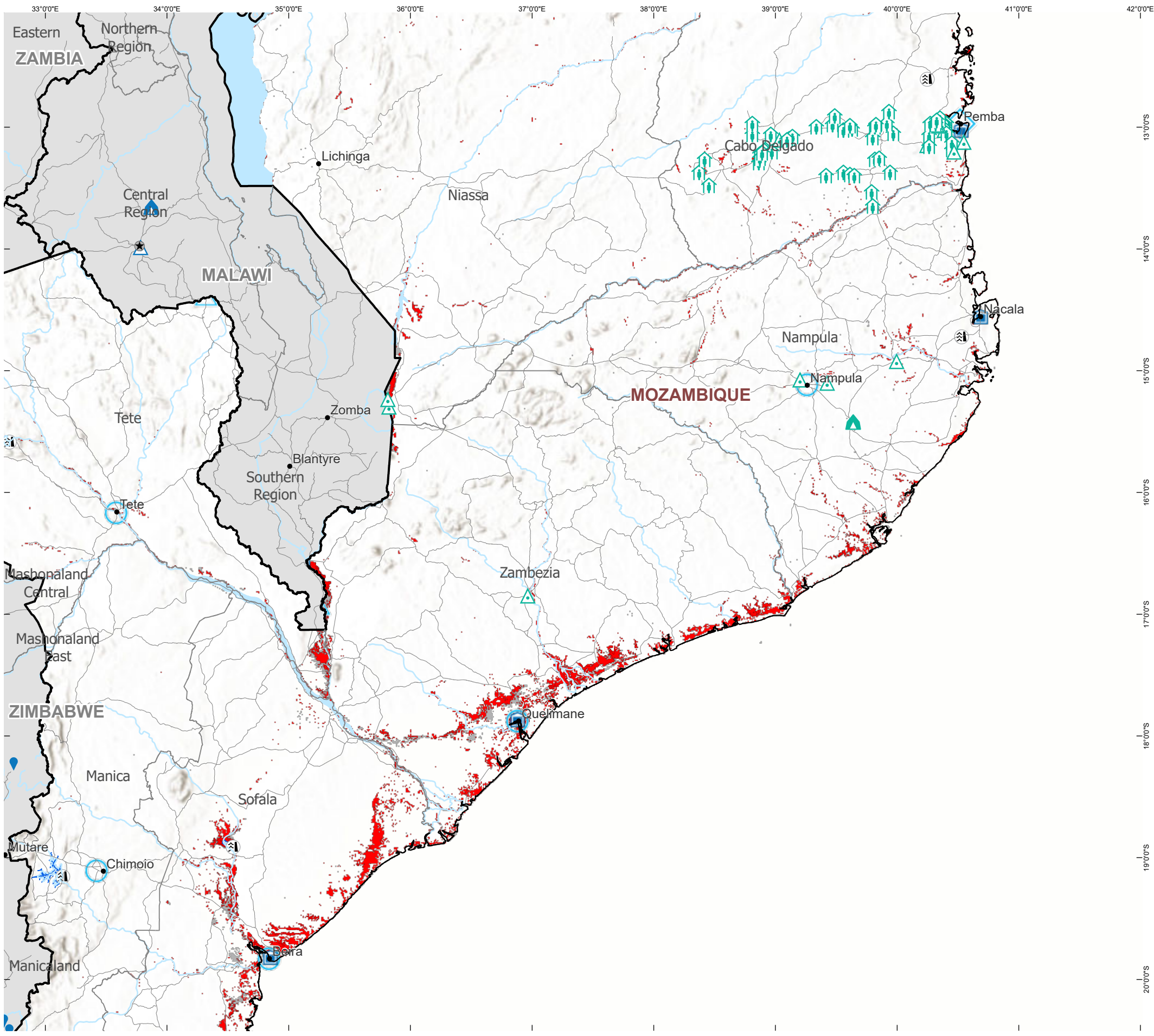
Advanced Disaster Analysis & Mapping

Flood Impact Analysis Mozambique

Update #3

Maximum Flood Extent
18 March 2025





Rapid Flood Impact Summary

1,416,466

Total observed flooded or inundated area (hectares)

566,438

Total number of people living in the flooded pixel

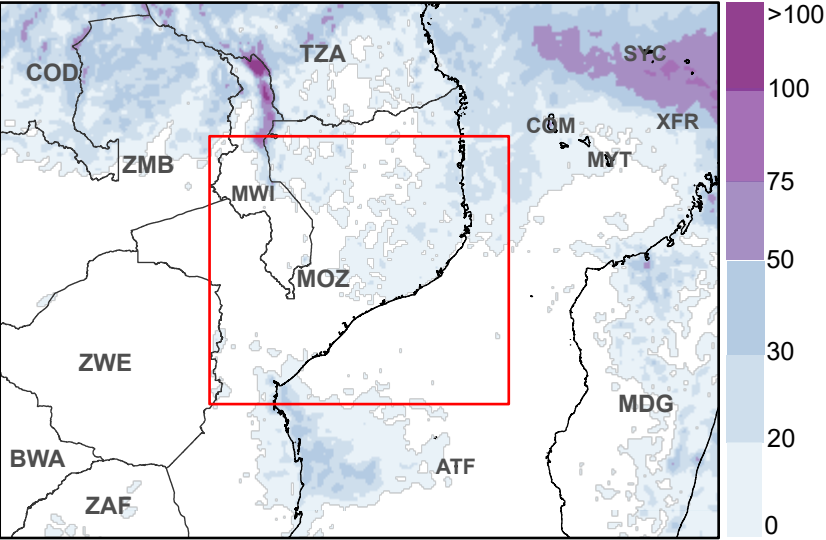
62,684

Total flooded cropland areas

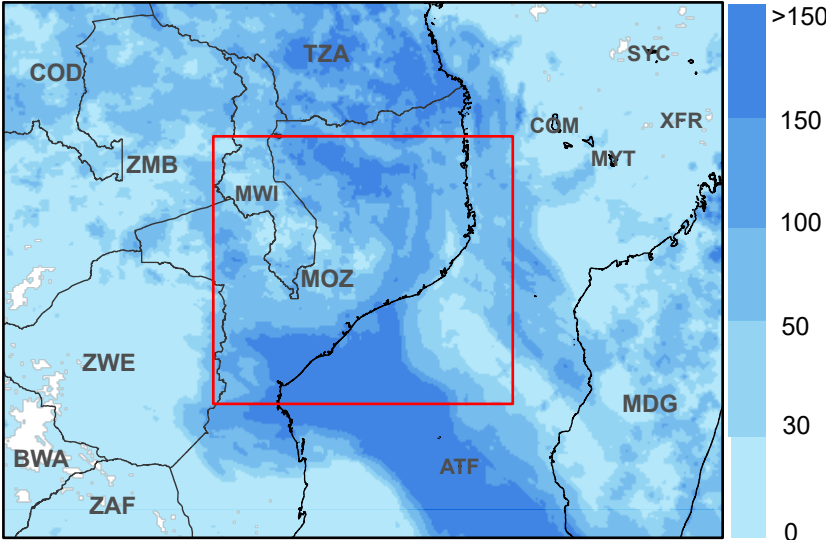
209,746

Total number of vulnerable population in the flooded area

Next 5-days rainfall forecast



Past 7-days rainfall accumulation



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Analysis and Mapping

aer Atmospheric and Environmental Research

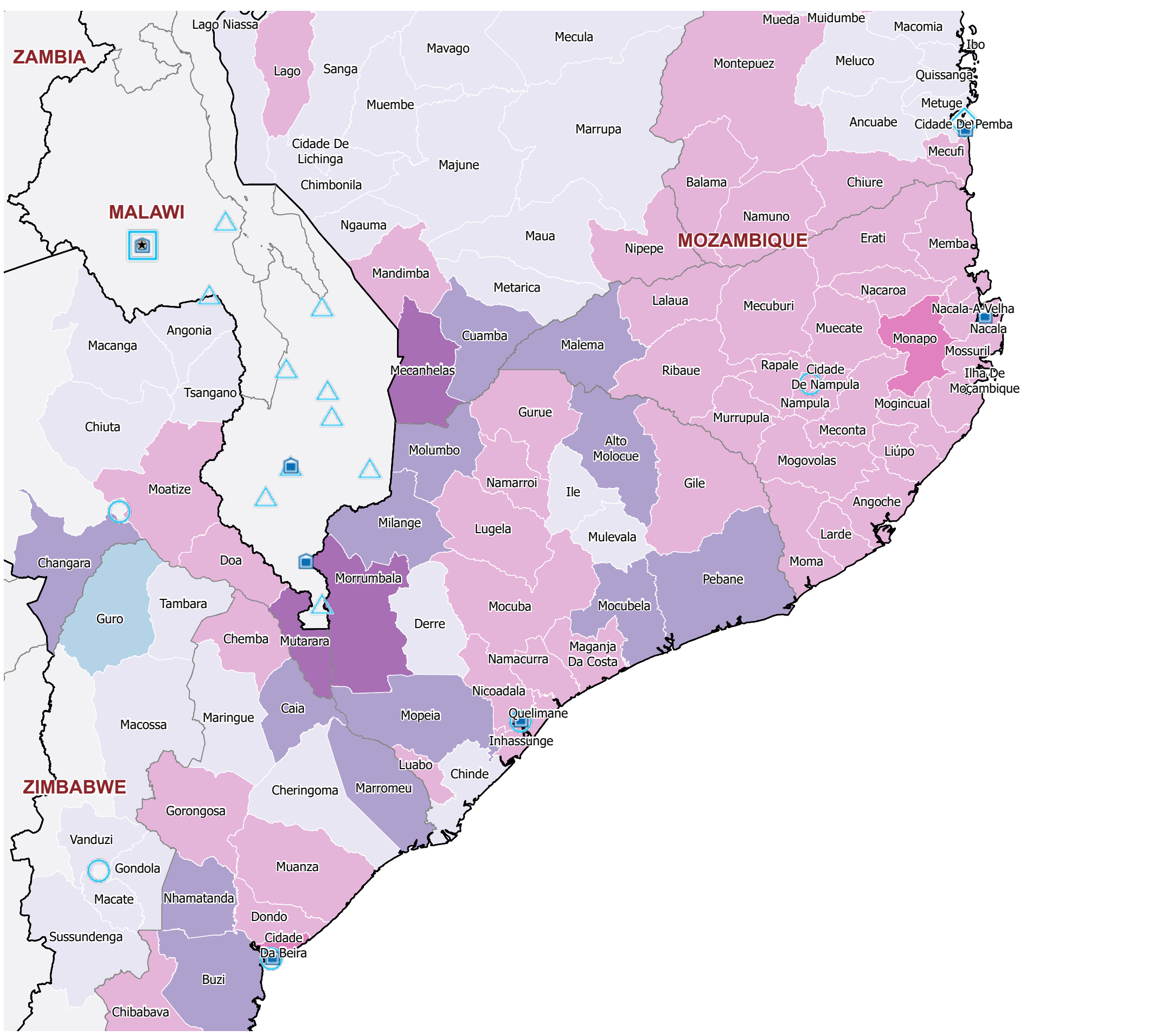
FloodList

European Commission
Joint Research Centre

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 - Flood Detection: NOAA-VIIRS, MODIS NRT, ESA Sentinel 1 - IDP/Refugee Locations: UNHCR - Terrain: ESRI - Surface Water/Seasonality: JRC - Cropland Mask: NASA GFSAD30 - Population: WorldPop / GHSL - Maximum Flood Extent: NASA MODIS/DFO and C2S

Date Created: 18 Mar 2025 - Contact: wfp.adam@wfp.org





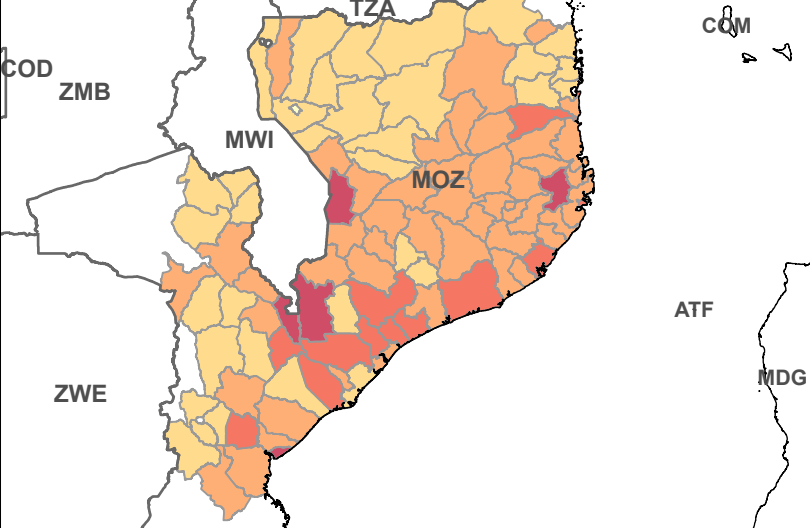
Flood Impact Data Aggregation

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

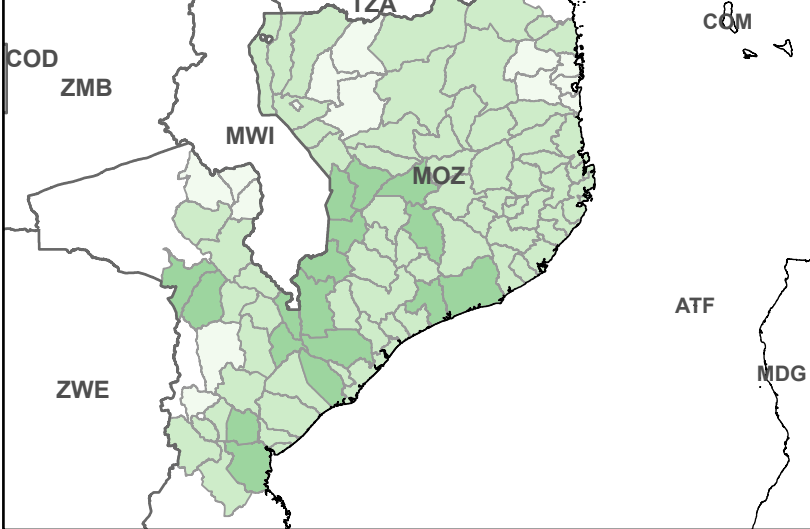


Estimated population living within the flooded area (Admin Unit II)





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



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Date Created: 18 Mar 2025 - Contact: hq.gis@wfp.org
Map Reference: ADAM_Floods_v4



0 26 52 104
Kilometers

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Prepared by:
HQ GIS Unit,
WFP Emergencies

Mozambique 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.)
Cabo Delgado	Balama	23,352	195	6,005	238	2,078
	Chiure	33,336	532	10,020	391	3,185
	Cidade De Pemba	988	0	19,572	588	4,951
	Ibo	598	0	638	32	189
	Macomia	5,018	207	898	59	257
	Mecufi	8,814	0	5,491	341	1,782
	Metuge	2,992	0	946	52	287
	Montepuez	14,922	245	1,672	68	498
	Mueda	2,976	68	543	46	139
	Muidumbe	4,782	458	2,699	260	691
	Namuno	35,377	533	8,895	340	3,095
	Quissanga	1,502	0	373	22	117
	Gondola	269	19	115	5	36
	Guro	3,320	1,153	932	41	329
Manica	Macate	154	4	173	7	54
	Sussundenga	1,844	386	849	36	280
	Tambara	3,561	269	807	31	299
Nampula	Angoche	40,002	283	13,647	728	4,501
	Cidade De Nampula	2,278	340	5,182	114	1,388
	Erati	29,949	843	8,543	345	2,939
	Ilha De Moçambique	3,204	260	16,127	983	4,926
	Lalaua	26,518	128	3,596	116	1,263
	Larde	19,109	193	6,133	257	2,029
	Liúpo	12,489	24	9,583	465	3,132
	Malema	24,372	1,611	6,347	238	2,136

Niassa	Meconta	18,402	102	6,358	230	2,007
	Mecuburi	22,273	378	3,641	135	1,301
	Memba	11,335	65	9,471	410	3,392
	Mogincual	13,570	13	1,308	63	427
	Mogovolas	21,928	114	9,260	402	3,140
	Moma	21,556	921	8,642	361	2,859
	Monapo	44,534	898	32,048	1,114	10,726
	Mossuril	18,200	86	6,739	503	2,223
	Muecate	15,180	373	6,542	220	2,210
	Murupula	7,400	34	1,535	64	527
	Nacala	1,013	3	6,454	230	1,893
	Nacala-A-Velha	1,014	39	2,610	154	829
	Nacaroa	2,809	8	1,134	42	388
	Nampula	6,119	215	1,630	70	521
	Rapale	5,407	347	3,005	129	957
	Ribaue	26,937	715	7,353	261	2,581
	Chimbonila	1,449	8	219	10	82
	Cuamba	20,989	1,915	7,437	244	2,456
	Lago	1,059	679	1,094	52	374
	Lago Niassa	209	195	385	18	138
	Mandimba	17,882	927	3,179	122	1,112
	Marrupa	9,246	197	274	12	100
	Maua	5,222	32	553	26	198
	Mavago	2,626	1	133	7	45
	Mecanhelas	51,688	7,106	51,546	1,649	19,495
	Mecula	19,621	1	457	22	148
	Metarica	7,575	64	531	20	194
	Nipepe	10,883	93	1,369	52	481
	Sanga	5,211	379	282	12	101
Sofala	Buzi	19,885	1,280	5,177	251	1,549
	Caia	32,039	2,241	12,797	569	4,460
	Chemba	5,772	82	2,838	128	1,056
	Cheringoma	18,991	86	668	22	245

Tete	Chibabava	5,864	187	1,235	64	425
	Cidade Da Beira	17,280	891	26,320	823	5,961
	Dondo	28,831	244	5,894	226	1,510
	Gorongosa	52,071	234	6,065	223	2,207
	Maringue	8,588	702	700	29	276
	Marromeu	13,192	2,697	12,783	406	4,210
	Muanza	51,328	55	1,802	47	676
	Nhamatanda	44,033	2,596	12,402	635	3,702
	Changara	6,932	1,341	2,126	105	706
	Chiuta	1,758	148	498	20	181
Zambezia	Doa	11,439	123	5,677	240	2,047
	Moatize	8,083	987	7,035	284	2,273
	Mutarara	53,932	1,860	28,297	1,195	10,204
	Alto Molocue	11,047	1,937	3,651	126	1,260
	Chinde	1,124	62	993	44	330
	Derre	3,637	13	382	14	143
	Gile	18,542	159	2,208	75	745
	Gurue	8,096	950	2,657	81	895
	Ile	580	146	644	25	224
	Inhassunge	1,352	52	1,687	87	495
	Luabo	8,370	326	2,310	103	768
	Lugela	10,991	962	3,033	114	1,068
	Maganja Da Costa	19,612	184	10,623	382	3,614
	Milange	8,423	1,720	3,335	134	1,190
	Mocuba	21,375	366	12,905	380	4,311
	Mocubela	17,810	1,331	5,012	180	1,705
	Molumbo	10,943	1,191	3,472	138	1,244
	Mopeia	65,699	2,115	15,231	492	5,485
	Morrumbala	46,438	8,454	23,198	897	8,527
	Mulevala	845	92	256	10	89
	Namacurra	20,568	204	12,161	479	3,824
	Namarroi	2,819	514	1,346	45	482
	Nicoadala	17,359	325	10,306	451	3,055

Pebane
Quelimane

38,558	2,158	10,742	422	3,718
1,841	7	2,648	113	775

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