

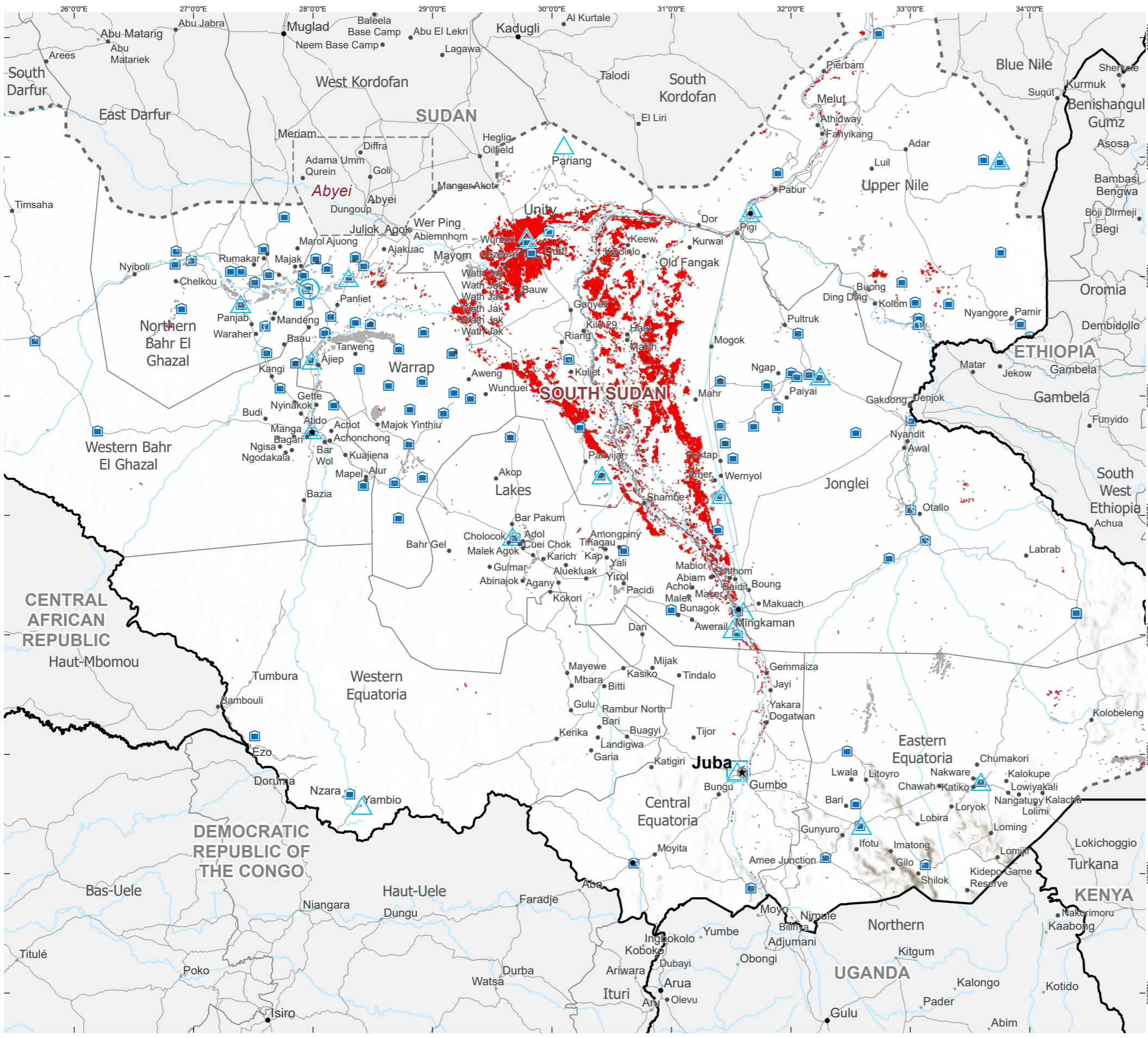
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Advanced Disaster Analysis & Mapping

Flood Impact Analysis South Sudan

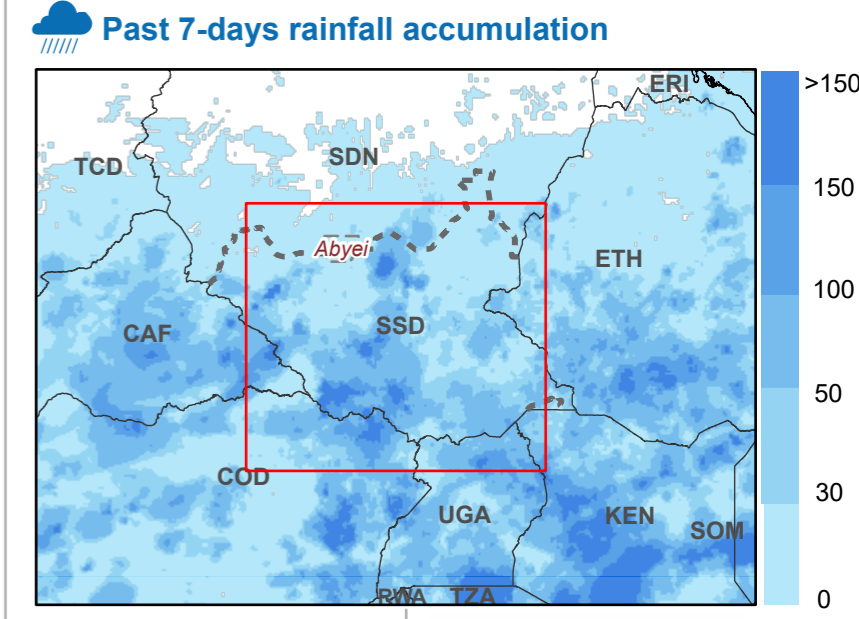
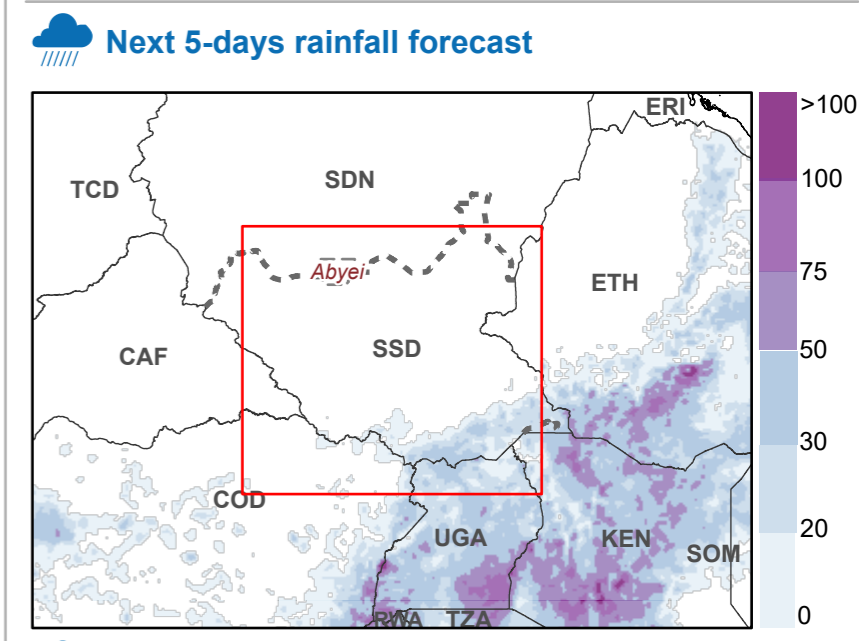
02 May 2024





Rapid Flood Impact Summary

1,014,805 Total observed flooded or inundated area (hectares)	253,958 Total number of people living in the flooded pixel
3,639 Total flooded cropland areas	95,235 Total number of vulnerable population in the flooded area



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- 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

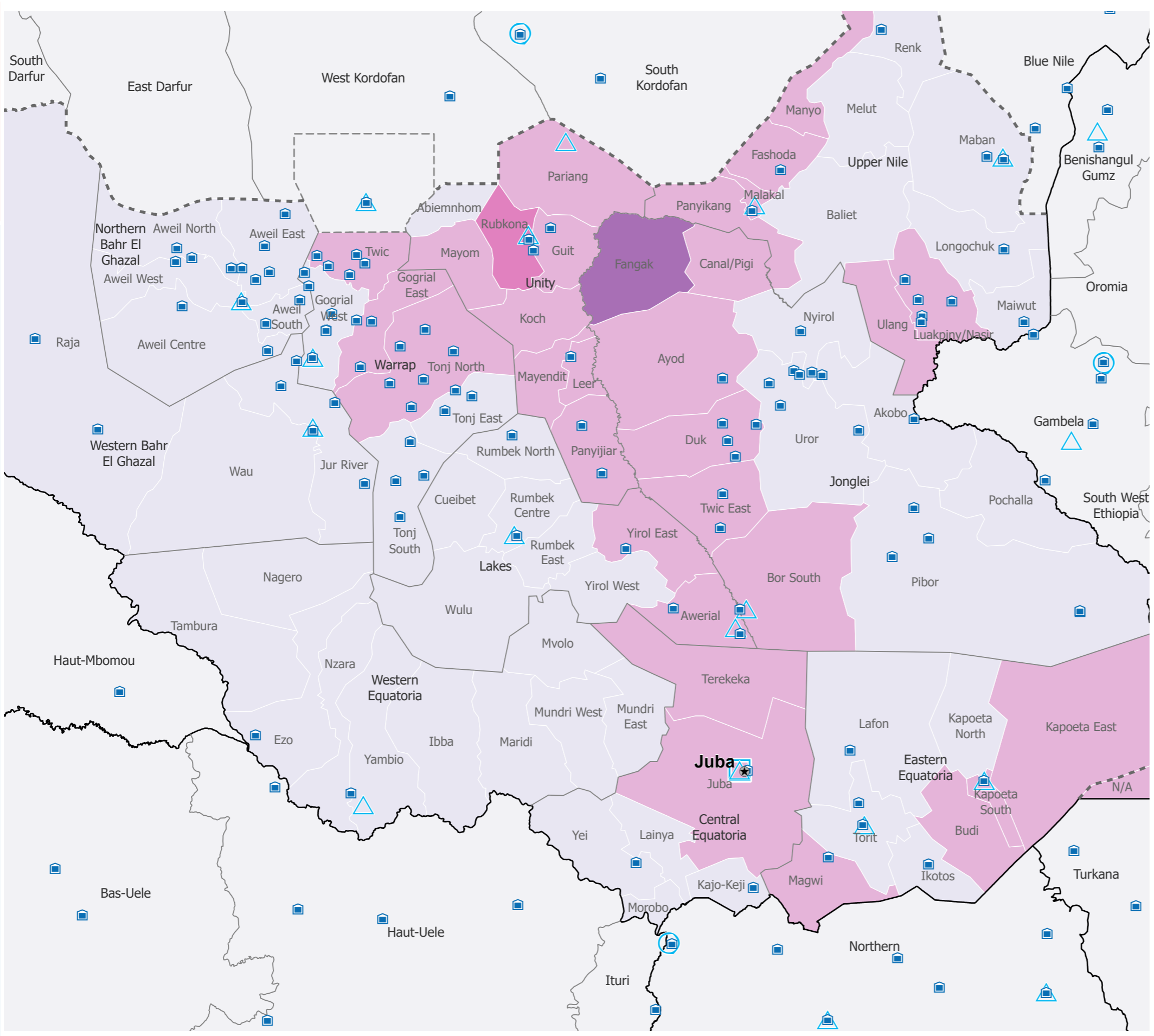
***Satellite Observed Water Extent**

- Observed Flooded Area
- Historical Maximum Flood Extent MODIS 2000 - 2018

Source: DFO and Cloud2Street

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

- Population of Concern (UNHCR)**
- Unknown, Unknown
 - Unknown, accommodation
 - Unknown, arrangement (hosted or rental)
 - Unknown, planned settlement
 - Unknown, centre
 - Asylum-seeker, accommodation
 - Asylum-seeker, spontaneous location
 - Asylum-seeker, unplanned settlement

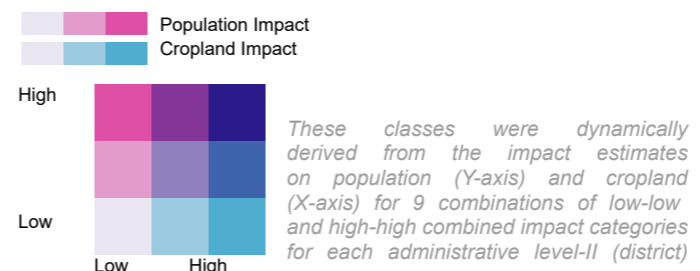


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Potentially impacted population	Estimated flooded cropland (has)
0 - 1K	0 - 1K
1K - 10K	1K - 10K
10K - 20K	10K - 50K
20K - 50K	50K - 100K
>50K	>100K

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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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: 02 May 2024 - Contact: hq.gis@wfp.org
Map Reference: KEN_FL_Aggregation_20240502_00

South Sudan Flooding

Rapid 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.)
Central Equatoria	Juba	4,760	10	2,641	121	588
	Kajo-Keji	241	0	371	11	115
	Terekeka	6,719	138	3,562	92	993
Eastern Equatoria	Budi	1,341	0	1,401	56	407
	Ikotos	47	0	117	5	34
	Kapoeta East	21,674	0	2,812	113	771
	Kapoeta South	324	0	1,038	41	301
	Lafon	473	0	128	9	31
	Magwi	1,163	5	2,921	162	781
Jonglei	Akobo	563	0	149	8	40
	Ayod	109,045	703	15,291	799	3,210
	Bor South	18,033	48	8,643	543	2,260
	Canal/Pigi	6,546	104	2,668	221	789
	Duk	63,550	11	6,634	283	2,005
	Fangak	112,782	1,452	20,552	1,302	6,955
	Pibor	4,507	0	219	9	63
	Pochalla	5,196	0	523	22	151
	Twic East	55,091	37	12,374	1,146	3,701
	Lakes	Awerial	11,606	112	2,203	66
Rumbek East		643	0	374	19	99
Yirol East		28,886	20	3,970	245	1,230
Yirol West		1,749	14	557	34	174
N/A	N/A	17,331	0	1,370	46	337
Unity	Guit	72,925	241	13,240	890	4,439
	Koch	9,771	0	1,952	120	703

	Leer	9,973	0	3,469	232	1,279
	Mayendit	50,003	8	12,226	763	4,464
	Mayom	32,420	1	11,885	714	4,155
	Panyijiar	52,180	4	8,593	582	3,385
	Pariang	30,525	7	2,948	146	691
	Rubkona	171,936	109	74,652	3,971	25,693
Upper Nile	Baliet	2,120	61	203	13	63
	Fashoda	3,622	15	1,025	100	319
	Longochuk	885	0	155	4	48
	Luakpiny/Nasir	10,141	3	5,723	304	1,464
	Malakal	1,547	28	8,583	366	2,458
	Manyo	10,887	127	1,597	113	470
	Melut	6,105	42	961	68	283
	Panyikang	11,772	82	2,551	236	798
	Renk	2,095	103	960	59	274
	Ulang	11,894	3	3,105	118	954
Warrap	Gogrial East	6,184	3	1,122	57	365
	Tonj North	27,550	2	2,997	129	1,011
	Twic	10,481	36	4,645	252	1,376
Western Bahr El Ghazal	Jur River	402	0	148	5	48

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