Yemen - Flood Hazard of IDP Sites YEMEN **CCCM CLUSTER**

Al Hodeidah governorate - Flood Hazard Model - January 2023

Version 2 Production date : 24 January 2023



دعم مجتمعات الناز حين



Map description:

Saudi Arabia Oman Yemen :0 Ethiopia Somalia

This map shows the Estimated Flood Hazard Scores of internally displaced person (IDP) hosting sites
and the modelled flood hazard in Al Hodeidah, Al Mahwit, Raymah, and Dhamar governorates. REACH
developed estimated scores by triangulating four different data sources, including CCCM Site Report,
CCCM Flood Report, REACH flood hazard (HEC-RAS) models and 2022 REACH-CCCM National IDP Site
Flood Risk Analysis. Overall Flood Hazard Scores should be considered as indicative estimates due
to the challenges in triangulating data sources with highly varying methodologies. Also, IDP site
locations might be inaccurate and are missing for about 50% of sites across Yemen. For a
detailed Methodology Note, please see <u>REACH's Resource Centre.</u>

Governorate Flood Hazard (m2/s)		Flood Scores	# IDP Sites	# Managed
Basins	>0.2 - 0.2 (Low - No hazard) >0.2 - 0.5 (Medium) >0.5 - 1.5 (High)	🛕 High hazard	46	20
		A Medium hazard	25	10
		\Lambda No/Low hazard	80	29
	>1.5 - 2.5 (Very High)	🛆 Unknown	8	8
J	>2.5 (Extreme)			

Data sources:

• IDP Sites: CCCM IDP Hosting Site Master List (December 2022) • Flood Data: • REACH Flood Hazard (HEC-RAS) Models (2022) • CCCM Site Report (April 2021 - October 2022) • CCCM Flood Report (June 2021 - January 2023) • 2022 CCCM National IDP Site Flood Risk Analysis, incl Sub-National Cluster Coordinators' Estimated Flood Scores (March 2022)

- Admin Boundaries: OCHA
- Background: ESRI, NGA, USGS, CGIAR

Note:

Data, designations and boundaries contained on this map are not warranted to be error-free and do not imply acceptance by the REACH partners, associated, donors mentioned on this map.

Coordinate System: GCS WGS 1984

File: REACH_YEM_Map_CCCM_Hodaidah_Flood_Hazard_IDPSites_24Jan2023_A2_V2 Contact: mapping@impact-initiatives.org

