



HIKMA Hallucination Check Report

SciFact-style hallucination detection and verification

Paper Analyzed

Water as a Weapon: Humanitarian Deprivation and WASH System Collapse in Gaza (2023–2025)

HIGH

HALLUCINATION RISK

10.0%

HALLUCINATION INDEX

20

CLAIMS ANALYZED

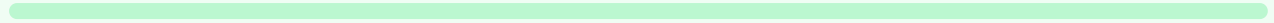
0

CLAIMS SUPPORTED



0

Claims with supporting evidence



No Evidence



20

Claims lacking evidence



Refuted



0

Claims contradicted by evidence





humanitarian collapse characterized by large-scale bombardment, siege conditions, and mass displacement."

Hallucination Assessment:

 **Possible Hallucination** - Lack of evidence, but claim appears plausible

Notes:

No provided evidence for specific timeframe.

Claim 2

NO_EVIDENCE

Score: 1

"Water, Sanitation, and Hygiene (WASH) infrastructure—including wells, desalination plants, and sewage networks—was systematically incapacitated."

Hallucination Assessment:

 **Possible Hallucination** - Lack of evidence, but claim appears plausible

Notes:

No provided evidence for systematic incapacitation.

Claim 3

NO_EVIDENCE

Score: 1

"Approximately 2.2 million people were affected by the cascading health crises."

Hallucination Assessment:

 **Possible Hallucination** - Lack of evidence, but claim appears plausible

Notes:

No provided evidence for population figure.



Notes:

No provided evidence for water access metric.

Claim 5

NO_EVIDENCE

Score: 1

"Diarrhoeal disease incidence increased 36-fold since 2023."

Hallucination Assessment:

 **Possible Hallucination** - Lack of evidence, but claim appears plausible

Notes:

No provided evidence for disease incidence.

Claim 6

NO_EVIDENCE

Score: 1

"Hepatitis A cases increased 384-fold since 2023."

Hallucination Assessment:

 **Possible Hallucination** - Lack of evidence, but claim appears plausible

Notes:

No provided evidence for hepatitis A increase.



 **Possible Hallucination** - Lack of evidence, but claim appears plausible

Notes:

No provided evidence for regression result.

Claim 8

NO_EVIDENCE

Score: 2

"The study draws on evidence from UNRWA Situation Report #187 (Relief & Agency, 2025)."

Hallucination Assessment:

 **Hallucination Detected** - Claim is refuted or contains fabricated information

Notes:

Reference not provided; date is future.

Claim 9

NO_EVIDENCE

Score: 2

"The study draws on OCHA Updates (#327, 2025)."

Hallucination Assessment:

 **Hallucination Detected** - Claim is refuted or contains fabricated information

Notes:

Reference not provided; date is future.



Notes:

Reference not provided.

Claim 11

NO_EVIDENCE

Score: 2

"The study draws on UNEP Assessment from September 2025."

Hallucination Assessment:

 **Hallucination Detected** - Claim is refuted or contains fabricated information

Notes:

Reference not provided; date is future.

Claim 12

NO_EVIDENCE

Score: 1

"The study draws on ICJ Orders from 2024 (of Justice, 2024)."

Hallucination Assessment:

 **Possible Hallucination** - Lack of evidence, but claim appears plausible

Notes:

Reference not provided.



Notes:

Reference not provided.

Claim 14

NO_EVIDENCE

Score: 1

"The population includes approximately 2.2 million people in Gaza, with 1.4 million reached by UNRWA WASH interventions."

Hallucination Assessment:

 **Possible Hallucination** - Lack of evidence, but claim appears plausible

Notes:

No provided evidence for intervention reach.

Claim 15

NO_EVIDENCE

Score: 1

"47 documents were selected for in-depth qualitative analysis."

Hallucination Assessment:

 **Possible Hallucination** - Lack of evidence, but claim appears plausible

Notes:

No provided evidence for document count.



Notes:

No provided evidence for software use.

Claim 17

NO_EVIDENCE

Score: 1

"Data triangulation involved cross-verification of quantitative metrics across multiple UN sources including UNRWA, OCHA, and WHO reports."

Hallucination Assessment:

 **Possible Hallucination** - Lack of evidence, but claim appears plausible

Notes:

No provided evidence for triangulation process.

Claim 18

NO_EVIDENCE

Score: 1

"Analyst triangulation involved independent coding of qualitative data by two researchers."

Hallucination Assessment:

 **Possible Hallucination** - Lack of evidence, but claim appears plausible

Notes:

No provided evidence for analyst process.



 **Possible Hallucination** - Lack of evidence, but claim appears plausible

Notes:

No provided evidence for reliability system.

Claim 20

NO_EVIDENCE

Score: 1

"The analysis primarily relied on category A data."

Hallucination Assessment:

 **Possible Hallucination** - Lack of evidence, but claim appears plausible

Notes:

No provided evidence for data category use.

Hallucination Check Metadata

Model: deepseek-chat

Max Claims: 25

Paper ID: review_20251127_210308

Method: SciFact/VeriSci