Package: nchalohhwatersurvey (via r-universe)

November 13, 2026

Title Nchalo Water Project Household Survey 2021

Version 1.0.1

Description Household and community survey data from rural communities around Nchalo, Malawi. Includes water access, livelihoods, governance, and infrastructure information collected via mWater platform to support water supply planning and rural development.

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Encoding UTF-8

Roxygen list(markdown = TRUE)

RoxygenNote 7.3.2

Depends R (>= 3.5)

LazyData true

Language en-GB

Config/Needs/website rmarkdown, brand.yml

Date 2026-09-23

URL https://github.com/openwashdata/nchalohhwatersurvey

BugReports https://github.com/openwashdata/nchalohhwatersurvey/issues

X-schema.org-keywords open data, washdata, household survey, water supply, boreholes, livelihoods, Nchalo, Malawi

X-schema.org-spatialCoverage Nchalo, Malawi

X-schema.org-temporalCoverage 2021-04-07/2021-04-08

Config/washr/funding This project was funded by the [Open Research Data Program of the ETH Board](https://ethrat.ch/en/eth-domain/open-research-data/).

Config/washr/analytics-domain openwashdata.github.io

Config/washr/doi-provider zenodo

Config/washr/zenodo-community openwashdata

Config/washr/brand-source openwashdata/brand

Config/washr/publisher Published by [openwashdata](https://openwashdata.org), a project of [Global Health Engineering](https://ghe.ethz.ch/) at ETH Zurich.

Config/washr/home https://openwashdata.org

Config/washr/catalog https://openwashdata.org/pages/gallery/data/

Config/washr/community This package is part of [openwashdata](https://openwashdata.org). Browse the [data catalogue](https://openwashdata.org/pages/gallery/data/) or get the [newsletter](https://openwashdata.org/pages/newsletter/).

Config/washr/version 1.2.2

Config/washr/brand v1.1.0

Repository https://openwashdata.r-universe.dev

Date/Publication 2026-11-01 08:51:57 UTC

RemoteUrl https://github.com/openwashdata/nchalohhwatersurvey

RemoteRef HEAD

RemoteSha 14280351b6ff771e33bedf3794704102ff06de66

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`nchalohhwatersurvey` *Nchalo Water Project – Household Survey 2021*

Description

This is a community-level household survey conducted as part of the Nchalo Water Project. Its purpose is to assess livelihoods, water usage, community governance, infrastructure access, and opportunities for value addition in rural water supply and WASH-related development intervention.

Usage

```
nchalohhwatersurvey
```

Format

A tibble with 74 rows and 39 variables

submitted_on Date and time the survey was submitted

community_name Name of the community surveyed

latitude Latitude coordinate of the survey location

longitude Longitude coordinate of the survey location

community_population Estimated total number of people in the community

main_livelihood_source Primary source of livelihood for the household

main_livelihood_source_comments Additional comments on the households main livelihood

income_in_2020_mwk Estimated household income in 2020 from the main livelihood source (in MWK)

income_comments Additional comments about the reported income

income_spending_priority Main priorities for spending the household income

main_drinking_water_source Primary source of drinking water for the community

main_drinking_water_source_other Specification if Other water source was selected

uses_borehole_for_other_purposes Whether the borehole is used for purposes other than drinking

other_borehole_use_comments Comments on other uses of borehole water

reasons_not_pursuing_multiple_uses Reasons for not using borehole water for multiple purposes

reasons_not_pursuing_multiple_uses_other Specification if an Other reason was selected

value_addition_opportunity Whether value addition opportunities exist for a new water project

value_addition_opportunity_details Details about the identified value addition opportunities

value_addition_opportunity_other Specification if an Other opportunity was mentioned

land_allocation_responsible_person Person or group responsible for land allocation for new projects

leadership_allocation_decider Entity that decides leadership roles in community projects

leadership_allocation_other Specification if an Other decision maker was indicated

gender_guidelines_for_leadership Existence of gender guidelines in community leadership

gender_guidelines_comments Comments on the gender guidelines

pay_for_water Whether the community pays for water usage

water_payment_amount Amount paid for water usage (in MWK)

water_payment_frequency Frequency of water payment

water_payment_frequency_other Specification if an Other frequency was selected

reason_for_not_paying Main reason for not paying for water

reason_for_not_paying_other Specification if an Other reason was given

nearest_school_type Type of school closest to the community

govt_school_accessibility Whether government schools are accessible to all

nearest_health_facility_type Type of health facility closest to the community

health_facility_accessibility Whether the health facility is affordable and accessible to all

health_facility_accessibility_other Specification if an Other accessibility concern was mentioned

community_solved_social_problem Whether the community has independently addressed social problems

community_solved_social_problem_comments Comments on how social problems were addressed by the community

flow_rate_test_possible_today Whether it was possible to conduct a flow rate test during the visit

has_temp_ec_tds_meter Whether the team had a temperature and EC or TDS meter available

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