

Package: waterpumpkwale (via r-universe)

September 24, 2026

Title Weekly Handpump Water Volumes, Kwale County, Kenya 2014-2015

Version 0.0.1

Description This dataset contains a summary of the weekly volumetric output of handpumps monitored using Smart Handpump sensors in 2014 and 2015 in Kwale County, Kenya, together with the locations of the monitored pumps.

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Encoding UTF-8

Roxygen list(markdown = TRUE)

Depends R (>= 2.10)

LazyData true

Config/Needs/website rmarkdown, leaflet, dplyr, tidyr, ggplot2, forcats

Date 2023-10-02

URL <https://github.com/openwashdata/waterpumpkwale>

BugReports <https://github.com/openwashdata/waterpumpkwale/issues>

Language en-GB

X-schema.org-keywords open data, washdata, handpumps, water supply, groundwater, smart handpump, kwale, kenya

X-schema.org-spatialCoverage Kwale County, Kenya

X-schema.org-temporalCoverage 2014-01-01/2015-12-31

Config/roxygen2/version 8.0.0

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

Date/Publication 2026-09-24 04:50:27 UTC

RemoteUrl <https://github.com/openwashdata/waterpumpkwale>

RemoteRef HEAD

RemoteSha 4c1ec2ca756b58817d312de77f20801c5a534996

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location	<i>Location information of the water pumps</i>
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Description

Location information of the water pumps

Usage

location

Format

A tibble with 299 rows and 6 variables

pumpid ID number of the water pump

description Name of the pump location

x_arc1960 Easting in metres, Arc 1960 / UTM zone 37S

y_arc1960 Northing in metres, Arc 1960 / UTM zone 37S

lat_wgs84 Latitude in WGS 84 coordinate system

long_wgs84 Longitude in WGS 84 coordinate system

Source

British Geological Survey, National Geoscience Data Centre: <https://metadata.bgs.ac.uk/geonetwork/srv/eng/catalog.search#/metadata/9ed6c5d2-124b-50ed-e054-002128a47908>

weeklyvol2014	<i>Weekly volume in year 2014</i>
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Description

Weekly volume in year 2014

Usage

weeklyvol2014

Format

A tibble with 324 rows and 53 variables

pumpid ID number of the water pump

1, 2, ..., 52 Volume of water pumped in week 1 to 52 of 2014, one column per week

Source

British Geological Survey, National Geoscience Data Centre: <https://metadata.bgs.ac.uk/geonetwork/srv/eng/catalog.search#/metadata/9ed6c5d2-124b-50ed-e054-002128a47908>

weeklyvol2015	<i>Weekly volume in year 2015</i>
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Description

Weekly volume in year 2015

Usage

weeklyvol2015

Format

A tibble with 297 rows and 53 variables

pumpid ID number of the water pump

1, 2, ..., 52 Volume of water pumped in week 1 to 52 of 2015, one column per week

Source

British Geological Survey, National Geoscience Data Centre: <https://metadata.bgs.ac.uk/geonetwork/srv/eng/catalog.search#/metadata/9ed6c5d2-124b-50ed-e054-002128a47908>

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