

Package: artesianwells (via r-universe)

October 5, 2026

Title Artesian Well Site Assessment Data

Version 0.1.0

Description A dataset capturing geospatial, structural, usage, and management characteristics of artesian well sites.

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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

Imports readr, dplyr, readxl, openxlsx

Suggests gt, gtExtras, ggplot2, tidyverse, knitr, rmarkdown, scales

VignetteBuilder knitr

Date 2025-06-02

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

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

Config/pak/sysreqs libicu-dev libx11-dev

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

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artesianwells

artesianwells: Artesian Well Site Assessment Data

Description

A dataset capturing geospatial, structural, usage, and management characteristics of artesian well sites

Usage

artesianwells

Format

A tibble with 44 rows and 29 variables

date_submitted Date when the survey or data entry was submitted

latitude Latitude coordinate of the surveyed site

longitude Longitude coordinate of the surveyed site

artesian_well Indicates whether the location of the artesian well

district Administrative district where the site is located

traditional_authority Traditional authority under which the site falls

well_images Links or filenames of images showing the well

has_structure Indicates if the well has a surrounding structure

well_structure_type Type of structure present around the well

well_structure_type_other Description of structure if Other is selected

can_test_flow Indicates if a flow test can be conducted at the site

seconds_to_fill_20L Time in seconds required to fill a 20 liter container

use_of_site Primary community usage of the water source

other_site_use Additional uses of the site (if any)

seasonal_unavail Indicates if the site becomes unavailable during certain seasons

area_photos Links or filenames of photos showing the broader site area

abstraction_nearby Indicates if there are other water abstractions near the site

abstraction_count Number of nearby water abstractions

abs1_name Name or label of the nearest water abstraction

abs1_latitude Latitude of the nearest abstraction

abs1_longitude Longitude of the nearest abstraction

abs1_method Method used at the nearest abstraction

abs1_region Region or area where the nearest abstraction is located

recharge_known Indicates if groundwater recharge source is known

recharge_other Description of recharge source if Other is selected

river_nearby Indicates if a river is near the site

has_operator Indicates if the water point has a designated operator

mgmt_type Type of management in place for the water source

mgmt_type_other Type of management in place for the water source if Other is selected

Examples

```
# Load the dataset
data(artesianwells)

# View the first few rows
head(artesianwells)

# Check dimensions
dim(artesianwells)

# Summary of districts
table(artesianwells$district)
```

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* **datasets**

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