

Package ‘ie2miscdata’

January 21, 2022

Title Irucka Embry's Miscellaneous USGS Data Collection

Version 1.0.2

Author Irucka Embry [aut, cre]

Maintainer Irucka Embry <iembry@ecoccs.com>

Depends R (>= 3.1.0)

Imports lubridate

Suggests install.load, data.table (>= 1.10.2), USA.state.boundaries, spatstat, rgdal, ggplot2 (>= 2.2.0), stringi, mgrsub, knitr, rmarkdown, maptools, sp

Description A collection of Irucka Embry's miscellaneous USGS data sets (USGS Parameter codes with fixed values, USGS global time zone codes, and US Air Force Global Engineering Weather Data). Irucka created these data sets while a Cherokee Nation Technology Solutions (CNTS) United States Geological Survey (USGS) Contractor and/or USGS employee.

URL <https://gitlab.com/iembry/ie2miscdata>

BugReports <https://gitlab.com/iembry/ie2miscdata/-/issues>

License CC0

Copyright This software is in the public domain because it contains materials that originally came from the United States Geological Survey, an agency of the United States Department of Interior. For more information, see the official USGS copyright policy at <<https://www.usgs.gov/information-policies-and-instructions/copyrights-and-credits#copyright>>

Language en-US

Encoding UTF-8

LazyData true

VignetteBuilder knitr

RoxygenNote 7.1.2

NeedsCompilation no

Repository CRAN

Date/Publication 2022-01-21 18:42:42 UTC

R topics documented:

ie2miscdata	3
pmcode_00041	4
pmcode_00067	4
pmcode_00115	5
pmcode_01300	5
pmcode_01305	6
pmcode_01310	6
pmcode_01315	7
pmcode_01320	7
pmcode_01325	8
pmcode_01330	8
pmcode_01335	9
pmcode_01340	9
pmcode_01345	10
pmcode_01350	10
pmcode_01351	11
pmcode_01355	11
pmcode_04117	12
pmcode_31678	12
pmcode_49986	13
pmcode_50276	13
pmcode_50280	14
pmcode_62955	14
pmcode_71995	15
pmcode_71996	15
pmcode_71997	16
pmcode_71998	16
pmcode_71999	17
pmcode_72005	17
pmcode_72006	18
pmcode_74200	18
pmcode_82305	19
pmcode_82309	19
pmcode_82398	20
pmcode_82923	20
pmcode_84060	21
pmcode_84143	21
pmcode_84144	22
pmcode_84145	22
pmcode_84146	23
pmcode_84147	23
pmcode_84148	24
pmcode_84149	24
pmcode_84164	25
pmcode_84171	26
pmcode_84172	26

pmcode_84173	27
pmcode_91112	27
pmcode_91113	28
pmcode_91114	28
pmcode_99100	29
pmcode_99101	29
pmcode_99102	30
pmcode_99103	30
pmcode_99105	31
pmcode_99106	31
pmcode_99107	32
pmcode_99111	32
pmcode_99112	33
pmcode_99329	33
pmcode_99335	34
pmcode_99595	34
pmcode_99596	35
pmcode_99766	35
pmcode_99767	36
pmcode_99768	36
pmcode_99769	37
pmcode_99770	37
pmcode_99771	38
tz_codes	38
weather_results	39
Index	41

ie2miscdata

ie2miscdata: Irucka Embry's Miscellaneous USGS Data Collection

Description

ie2miscdata provides various data sets [USGS Parameter codes with fixed values, USGS global time zone codes, and US Air Force Global Engineering Weather Data] created by Irucka Embry while he was a Cherokee Nation Technology Solutions (CNTS) United States Geological Survey (USGS) Contractor and/or USGS employee.

pmcode_00041	<i>00041 Weather</i>
--------------	----------------------

Description

A table containing the USGS Weather parameter codes.

Usage

pmcode_00041

Format

A data frame with 54 rows and 3 variables:

Parameter Code USGS Parameter Code

Fixed Value Fixed Value

Fixed Text Fixed Text

References

This data is from Table 26. Parameter codes with fixed values (USGS Water Quality Samples for USA: Sample Data). See <https://help.waterdata.usgs.gov/codes-and-parameters/>.

pmcode_00067	<i>00067 Tide stage, code</i>
--------------	-------------------------------

Description

A table containing the USGS Tide stage, code parameter codes.

Usage

pmcode_00067

Format

A data frame with 315 rows and 3 variables:

Parameter Code USGS Parameter Code

Fixed Value Fixed Value

Fixed Text Fixed Text

References

This data is from Table 26. Parameter codes with fixed values (USGS Water Quality Samples for USA: Sample Data). See <https://help.waterdata.usgs.gov/codes-and-parameters/>.

pmcode_00115	<i>00115 Sample treatment</i>
--------------	-------------------------------

Description

A table containing the USGS Sample treatment parameter codes.

Usage

pmcode_00115

Format

A data frame with 4 rows and 3 variables:

Parameter Code USGS Parameter Code

Fixed Value Fixed Value

Fixed Text Fixed Text

References

This data is from Table 26. Parameter codes with fixed values (USGS Water Quality Samples for USA: Sample Data). See <https://help.waterdata.usgs.gov/codes-and-parameters/>.

pmcode_01300	<i>01300 Oil-Grease (Severity)</i>
--------------	------------------------------------

Description

A table containing the USGS Oil-Grease (Severity) parameter codes.

Usage

pmcode_01300

Format

A data frame with 5 rows and 3 variables:

Parameter Code USGS Parameter Code

Fixed Value Fixed Value

Fixed Text Fixed Text

References

This data is from Table 26. Parameter codes with fixed values (USGS Water Quality Samples for USA: Sample Data). See <https://help.waterdata.usgs.gov/codes-and-parameters/>.

pmcode_01305	<i>01305 Detergent Suds (Severity)</i>
--------------	--

Description

A table containing the USGS Detergent Suds (Severity) parameter codes.

Usage

pmcode_01305

Format

A data frame with 5 rows and 3 variables:

Parameter Code USGS Parameter Code

Fixed Value Fixed Value

Fixed Text Fixed Text

References

This data is from Table 26. Parameter codes with fixed values (USGS Water Quality Samples for USA: Sample Data). See <https://help.waterdata.usgs.gov/codes-and-parameters/>.

pmcode_01310	<i>01310 Gas Bubbles (Severity)</i>
--------------	-------------------------------------

Description

A table containing the USGS Gas Bubbles (Severity) parameter codes.

Usage

pmcode_01310

Format

A data frame with 5 rows and 3 variables:

Parameter Code USGS Parameter Code

Fixed Value Fixed Value

Fixed Text Fixed Text

References

This data is from Table 26. Parameter codes with fixed values (USGS Water Quality Samples for USA: Sample Data). See <https://help.waterdata.usgs.gov/codes-and-parameters/>.

pmcode_01315	<i>01315 Sludge: Floating (Severity)</i>
--------------	--

Description

A table containing the USGS Sludge: Floating (Severity) parameter codes.

Usage

pmcode_01315

Format

A data frame with 5 rows and 3 variables:

Parameter Code USGS Parameter Code

Fixed Value Fixed Value

Fixed Text Fixed Text

References

This data is from Table 26. Parameter codes with fixed values (USGS Water Quality Samples for USA: Sample Data). See <https://help.waterdata.usgs.gov/codes-and-parameters/>.

pmcode_01320	<i>01320 Garbage, Floating (Severity)</i>
--------------	---

Description

A table containing the USGS Garbage, Floating (Severity) parameter codes.

Usage

pmcode_01320

Format

A data frame with 5 rows and 3 variables:

Parameter Code USGS Parameter Code

Fixed Value Fixed Value

Fixed Text Fixed Text

References

This data is from Table 26. Parameter codes with fixed values (USGS Water Quality Samples for USA: Sample Data). See <https://help.waterdata.usgs.gov/codes-and-parameters/>.

pmcode_01325	<i>01325 Algae, Floating Mats (Severity)</i>
--------------	--

Description

A table containing the USGS Algae, Floating Mats (Severity) parameter codes.

Usage

pmcode_01325

Format

A data frame with 5 rows and 3 variables:

Parameter Code USGS Parameter Code

Fixed Value Fixed Value

Fixed Text Fixed Text

References

This data is from Table 26. Parameter codes with fixed values (USGS Water Quality Samples for USA: Sample Data). See <https://help.waterdata.usgs.gov/codes-and-parameters/>.

pmcode_01330	<i>01330 Odor, Atmospheric (Severity)</i>
--------------	---

Description

A table containing the USGS Odor, Atmospheric (Severity) parameter codes.

Usage

pmcode_01330

Format

A data frame with 5 rows and 3 variables:

Parameter Code USGS Parameter Code

Fixed Value Fixed Value

Fixed Text Fixed Text

References

This data is from Table 26. Parameter codes with fixed values (USGS Water Quality Samples for USA: Sample Data). See <https://help.waterdata.usgs.gov/codes-and-parameters/>.

pmcode_01335	<i>01335 Sewage Solids, Fresh, Floating (Severity)</i>
--------------	--

Description

A table containing the USGS Sewage Solids, Fresh, Floating (Severity) parameter codes.

Usage

pmcode_01335

Format

A data frame with 5 rows and 3 variables:

Parameter Code USGS Parameter Code

Fixed Value Fixed Value

Fixed Text Fixed Text

References

This data is from Table 26. Parameter codes with fixed values (USGS Water Quality Samples for USA: Sample Data). See <https://help.waterdata.usgs.gov/codes-and-parameters/>.

pmcode_01340	<i>01340 Fish, Dead (Severity)</i>
--------------	------------------------------------

Description

A table containing the USGS Fish, Dead (Severity) parameter codes.

Usage

pmcode_01340

Format

A data frame with 5 rows and 3 variables:

Parameter Code USGS Parameter Code

Fixed Value Fixed Value

Fixed Text Fixed Text

References

This data is from Table 26. Parameter codes with fixed values (USGS Water Quality Samples for USA: Sample Data). See <https://help.waterdata.usgs.gov/codes-and-parameters/>.

pmcode_01345	<i>01345 Debris, Floating (Severity)</i>
--------------	--

Description

A table containing the USGS Debris, Floating (Severity) parameter codes.

Usage

pmcode_01345

Format

A data frame with 5 rows and 3 variables:

Parameter Code USGS Parameter Code

Fixed Value Fixed Value

Fixed Text Fixed Text

References

This data is from Table 26. Parameter codes with fixed values (USGS Water Quality Samples for USA: Sample Data). See <https://help.waterdata.usgs.gov/codes-and-parameters/>.

pmcode_01350	<i>01350 Turbidity (Severity)</i>
--------------	-----------------------------------

Description

A table containing the USGS Turbidity (Severity) parameter codes.

Usage

pmcode_01350

Format

A data frame with 5 rows and 3 variables:

Parameter Code USGS Parameter Code

Fixed Value Fixed Value

Fixed Text Fixed Text

References

This data is from Table 26. Parameter codes with fixed values (USGS Water Quality Samples for USA: Sample Data). See <https://help.waterdata.usgs.gov/codes-and-parameters/>.

pmcode_01351	<i>01351 Streamflow (Severity)</i>
--------------	------------------------------------

Description

A table containing the USGS Streamflow (Severity) parameter codes.

Usage

pmcode_01351

Format

A data frame with 5 rows and 3 variables:

Parameter Code USGS Parameter Code

Fixed Value Fixed Value

Fixed Text Fixed Text

References

This data is from Table 26. Parameter codes with fixed values (USGS Water Quality Samples for USA: Sample Data). See <https://help.waterdata.usgs.gov/codes-and-parameters/>.

pmcode_01355	<i>01355 Ice Cover, Floating Or Solid (Severity)</i>
--------------	--

Description

A table containing the USGS Ice Cover, Floating Or Solid (Severity) parameter codes.

Usage

pmcode_01355

Format

A data frame with 5 rows and 3 variables:

Parameter Code USGS Parameter Code

Fixed Value Fixed Value

Fixed Text Fixed Text

References

This data is from Table 26. Parameter codes with fixed values (USGS Water Quality Samples for USA: Sample Data). See <https://help.waterdata.usgs.gov/codes-and-parameters/>.

pmcode_04117 *04117 Tether Line Used For Collecting Sample (Yes=1) Codes*

Description

A table containing the USGS Tether Line Used For Collecting Sample (Yes=1) Codes parameter codes.

Usage

pmcode_04117

Format

A data frame with 2 rows and 3 variables:

Parameter Code USGS Parameter Code

Fixed Value Fixed Value

Fixed Text Fixed Text

References

This data is from Table 26. Parameter codes with fixed values (USGS Water Quality Samples for USA: Sample Data). See <https://help.waterdata.usgs.gov/codes-and-parameters/>.

pmcode_31678 *31678 Streptocci, Fecal, Tube Configuration*

Description

A table containing the USGS Streptocci, Fecal, Tube Configuration parameter codes.

Usage

pmcode_31678

Format

A data frame with 8 rows and 3 variables:

Parameter Code USGS Parameter Code

Fixed Value Fixed Value

Fixed Text Fixed Text

References

This data is from Table 26. Parameter codes with fixed values (USGS Water Quality Samples for USA: Sample Data). See <https://help.waterdata.usgs.gov/codes-and-parameters/>.

pmcode_49986	<i>49986 Degree Of Decomposition, Soil, Code</i>
--------------	--

Description

A table containing the USGS Degree Of Decomposition, Soil, Code parameter codes.

Usage

pmcode_49986

Format

A data frame with 3 rows and 3 variables:

Parameter Code USGS Parameter Code

Fixed Value Fixed Value

Fixed Text Fixed Text

References

This data is from Table 26. Parameter codes with fixed values (USGS Water Quality Samples for USA: Sample Data). See <https://help.waterdata.usgs.gov/codes-and-parameters/>.

pmcode_50276	<i>50276 Filter Type, Code</i>
--------------	--------------------------------

Description

A table containing the USGS Filter Type, Code parameter codes.

Usage

pmcode_50276

Format

A data frame with 14 rows and 3 variables:

Parameter Code USGS Parameter Code

Fixed Value Fixed Value

Fixed Text Fixed Text

References

This data is from Table 26. Parameter codes with fixed values (USGS Water Quality Samples for USA: Sample Data). See <https://help.waterdata.usgs.gov/codes-and-parameters/>.

pmcode_50280	<i>50280 Water Samples, Code</i>
--------------	----------------------------------

Description

A table containing the USGS Water Samples, Code parameter codes.

Usage

pmcode_50280

Format

A data frame with 28 rows and 3 variables:

Parameter Code USGS Parameter Code

Fixed Value Fixed Value

Fixed Text Fixed Text

References

This data is from Table 26. Parameter codes with fixed values (USGS Water Quality Samples for USA: Sample Data). See <https://help.waterdata.usgs.gov/codes-and-parameters/>.

pmcode_62955	<i>62955 Sample Matrix, Code</i>
--------------	----------------------------------

Description

A table containing the USGS Sample Matrix, Code parameter codes.

Usage

pmcode_62955

Format

A data frame with 3 rows and 3 variables:

Parameter Code USGS Parameter Code

Fixed Value Fixed Value

Fixed Text Fixed Text

References

This data is from Table 26. Parameter codes with fixed values (USGS Water Quality Samples for USA: Sample Data). See <https://help.waterdata.usgs.gov/codes-and-parameters/>.

pmcode_71995	<i>71995 Water Use, Primary (Codes)</i>
--------------	---

Description

A table containing the USGS Water Use, Primary (Codes) parameter codes.

Usage

pmcode_71995

Format

A data frame with 131 rows and 3 variables:

Parameter Code USGS Parameter Code

Fixed Value Fixed Value

Fixed Text Fixed Text

References

This data is from Table 26. Parameter codes with fixed values (USGS Water Quality Samples for USA: Sample Data). See <https://help.waterdata.usgs.gov/codes-and-parameters/>.

pmcode_71996	<i>71996 Water Use, Secondary (Codes)</i>
--------------	---

Description

A table containing the USGS Water Use, Secondary (Codes) parameter codes.

Usage

pmcode_71996

Format

A data frame with 131 rows and 3 variables:

Parameter Code USGS Parameter Code

Fixed Value Fixed Value

Fixed Text Fixed Text

References

This data is from Table 26. Parameter codes with fixed values (USGS Water Quality Samples for USA: Sample Data). See <https://help.waterdata.usgs.gov/codes-and-parameters/>.

pmcode_71997	<i>71997 Water Use, Tertiary (Codes)</i>
--------------	--

Description

A table containing the USGS Water Use, Tertiary (Codes) parameter codes.

Usage

pmcode_71997

Format

A data frame with 131 rows and 3 variables:

Parameter Code USGS Parameter Code

Fixed Value Fixed Value

Fixed Text Fixed Text

References

This data is from Table 26. Parameter codes with fixed values (USGS Water Quality Samples for USA: Sample Data). See <https://help.waterdata.usgs.gov/codes-and-parameters/>.

pmcode_71998	<i>71998 Water Use, Quaternary (Codes)</i>
--------------	--

Description

A table containing the USGS Water Use, Quaternary (Codes) parameter codes.

Usage

pmcode_71998

Format

A data frame with 131 rows and 3 variables:

Parameter Code USGS Parameter Code

Fixed Value Fixed Value

Fixed Text Fixed Text

References

This data is from Table 26. Parameter codes with fixed values (USGS Water Quality Samples for USA: Sample Data). See <https://help.waterdata.usgs.gov/codes-and-parameters/>.

pmcode_71999	<i>71999 Sample Purpose (Codes)</i>
--------------	-------------------------------------

Description

A table containing the USGS Sample Purpose (Codes) parameter codes.

Usage

pmcode_71999

Format

A data frame with 28 rows and 3 variables:

Parameter Code USGS Parameter Code

Fixed Value Fixed Value

Fixed Text Fixed Text

References

This data is from Table 26. Parameter codes with fixed values (USGS Water Quality Samples for USA: Sample Data). See <https://help.waterdata.usgs.gov/codes-and-parameters/>.

pmcode_72005	<i>72005 Sample Source (Codes)</i>
--------------	------------------------------------

Description

A table containing the USGS Sample Source (Codes) parameter codes.

Usage

pmcode_72005

Format

A data frame with 101 rows and 3 variables:

Parameter Code USGS Parameter Code

Fixed Value Fixed Value

Fixed Text Fixed Text

References

This data is from Table 26. Parameter codes with fixed values (USGS Water Quality Samples for USA: Sample Data). See <https://help.waterdata.usgs.gov/codes-and-parameters/>.

pmcode_72006	<i>72006 Sampling Condition (Codes)</i>
--------------	---

Description

A table containing the USGS Sampling Condition (Codes) parameter codes.

Usage

pmcode_72006

Format

A data frame with 46 rows and 3 variables:

Parameter Code USGS Parameter Code

Fixed Value Fixed Value

Fixed Text Fixed Text

References

This data is from Table 26. Parameter codes with fixed values (USGS Water Quality Samples for USA: Sample Data). See <https://help.waterdata.usgs.gov/codes-and-parameters/>.

pmcode_74200	<i>74200 Sample Preservation Method, (Codes)</i>
--------------	--

Description

A table containing the USGS Sample Preservation Method, (Codes) parameter codes.

Usage

pmcode_74200

Format

A data frame with 119 rows and 3 variables:

Parameter Code USGS Parameter Code

Fixed Value Fixed Value

Fixed Text Fixed Text

References

This data is from Table 26. Parameter codes with fixed values (USGS Water Quality Samples for USA: Sample Data). See <https://help.waterdata.usgs.gov/codes-and-parameters/>.

pmcode_82305	<i>82305 Atmospheric Deposition Type Bulk, (Codes)</i>
--------------	--

Description

A table containing the USGS Atmospheric Deposition Type Bulk, (Codes) parameter codes.

Usage

pmcode_82305

Format

A data frame with 5 rows and 3 variables:

Parameter Code USGS Parameter Code

Fixed Value Fixed Value

Fixed Text Fixed Text

References

This data is from Table 26. Parameter codes with fixed values (USGS Water Quality Samples for USA: Sample Data). See <https://help.waterdata.usgs.gov/codes-and-parameters/>.

pmcode_82309	<i>82309 Contamination Source, Possible (Codes)</i>
--------------	---

Description

A table containing the USGS Contamination Source, Possible (Codes) parameter codes.

Usage

pmcode_82309

Format

A data frame with 22 rows and 3 variables:

Parameter Code USGS Parameter Code

Fixed Value Fixed Value

Fixed Text Fixed Text

References

This data is from Table 26. Parameter codes with fixed values (USGS Water Quality Samples for USA: Sample Data). See <https://help.waterdata.usgs.gov/codes-and-parameters/>.

pmcode_82398	82398 <i>Sampling Method (Codes)</i>
--------------	--------------------------------------

Description

A table containing the USGS Sampling Method (Codes) parameter codes.

Usage

pmcode_82398

Format

A data frame with 63 rows and 3 variables:

Parameter Code USGS Parameter Code

Fixed Value Fixed Value

Fixed Text Fixed Text

References

This data is from Table 26. Parameter codes with fixed values (USGS Water Quality Samples for USA: Sample Data). See <https://help.waterdata.usgs.gov/codes-and-parameters/>.

pmcode_82923	82923 <i>Atmospheric Deposition Type Wet, (Codes)</i>
--------------	---

Description

A table containing the USGS Atmospheric Deposition Type Wet, (Codes) parameter codes.

Usage

pmcode_82923

Format

A data frame with 7 rows and 3 variables:

Parameter Code USGS Parameter Code

Fixed Value Fixed Value

Fixed Text Fixed Text

References

This data is from Table 26. Parameter codes with fixed values (USGS Water Quality Samples for USA: Sample Data). See <https://help.waterdata.usgs.gov/codes-and-parameters/>.

pmcode_84060	<i>84060 Topography, Physiographic Setting (Codes)</i>
--------------	--

Description

A table containing the USGS Topography, Physiographic Setting (Codes) parameter codes.

Usage

pmcode_84060

Format

A data frame with 18 rows and 3 variables:

Parameter Code USGS Parameter Code

Fixed Value Fixed Value

Fixed Text Fixed Text

References

This data is from Table 26. Parameter codes with fixed values (USGS Water Quality Samples for USA: Sample Data). See <https://help.waterdata.usgs.gov/codes-and-parameters/>.

pmcode_84143	<i>84143 Well Purging Condition (Codes)</i>
--------------	---

Description

A table containing the USGS Well Purging Condition (Codes) parameter codes.

Usage

pmcode_84143

Format

A data frame with 12 rows and 3 variables:

Parameter Code USGS Parameter Code

Fixed Value Fixed Value

Fixed Text Fixed Text

References

This data is from Table 26. Parameter codes with fixed values (USGS Water Quality Samples for USA: Sample Data). See <https://help.waterdata.usgs.gov/codes-and-parameters/>.

pmcode_84144	<i>84144 Well Selection Criteria (Codes)</i>
--------------	--

Description

A table containing the USGS Well Selection Criteria (Codes) parameter codes.

Usage

pmcode_84144

Format

A data frame with 2 rows and 3 variables:

Parameter Code USGS Parameter Code

Fixed Value Fixed Value

Fixed Text Fixed Text

References

This data is from Table 26. Parameter codes with fixed values (USGS Water Quality Samples for USA: Sample Data). See <https://help.waterdata.usgs.gov/codes-and-parameters/>.

pmcode_84145	<i>84145 Project Component (Codes)</i>
--------------	--

Description

A table containing the USGS Project Component (Codes) parameter codes.

Usage

pmcode_84145

Format

A data frame with 7 rows and 3 variables:

Parameter Code USGS Parameter Code

Fixed Value Fixed Value

Fixed Text Fixed Text

References

This data is from Table 26. Parameter codes with fixed values (USGS Water Quality Samples for USA: Sample Data). See <https://help.waterdata.usgs.gov/codes-and-parameters/>.

pmcode_84146	<i>84146 Land Use, Predominant, Within 200 Feet Of Well, (Codes)</i>
--------------	--

Description

A table containing the USGS Land Use, Predominant, Within 200 Feet Of Well, (Codes) parameter codes.

Usage

pmcode_84146

Format

A data frame with 15 rows and 3 variables:

Parameter Code USGS Parameter Code

Fixed Value Fixed Value

Fixed Text Fixed Text

References

This data is from Table 26. Parameter codes with fixed values (USGS Water Quality Samples for USA: Sample Data). See <https://help.waterdata.usgs.gov/codes-and-parameters/>.

pmcode_84147	<i>84147 Land Use, Predominant, Within 0.25 Mile Of Well (Codes)</i>
--------------	--

Description

A table containing the USGS Land Use, Predominant, Within 0.25 Mile Of Well (Codes) parameter codes.

Usage

pmcode_84147

Format

A data frame with 15 rows and 3 variables:

Parameter Code USGS Parameter Code

Fixed Value Fixed Value

Fixed Text Fixed Text

References

This data is from Table 26. Parameter codes with fixed values (USGS Water Quality Samples for USA: Sample Data). See <https://help.waterdata.usgs.gov/codes-and-parameters/>.

pmcode_84148	<i>84148 Land Use, Predominant Fraction, Within 0.25 Mile Of Well (Codes)</i>
--------------	---

Description

A table containing the USGS Land Use, Predominant Fraction, Within 0.25 Mile Of Well (Codes) parameter codes.

Usage

pmcode_84148

Format

A data frame with 4 rows and 3 variables:

Parameter Code USGS Parameter Code

Fixed Value Fixed Value

Fixed Text Fixed Text

References

This data is from Table 26. Parameter codes with fixed values (USGS Water Quality Samples for USA: Sample Data). See <https://help.waterdata.usgs.gov/codes-and-parameters/>.

pmcode_84149	<i>84149 Land-Use Changes Within Last 10 Years, Within 0.25 Mile Of Well (Codes)</i>
--------------	--

Description

A table containing the USGS Land-Use Changes Within Last 10 Years, Within 0.25 Mile Of Well (Codes) parameter codes.

Usage

pmcode_84149

Format

A data frame with 4 rows and 3 variables:

Parameter Code USGS Parameter Code

Fixed Value Fixed Value

Fixed Text Fixed Text

References

This data is from Table 26. Parameter codes with fixed values (USGS Water Quality Samples for USA: Sample Data). See <https://help.waterdata.usgs.gov/codes-and-parameters/>.

pmcode_84164	<i>84164 Sampler Type, (Codes)</i>
--------------	------------------------------------

Description

A table containing the USGS Sampler Type, (Codes) parameter codes.

Usage

pmcode_84164

Format

A data frame with 121 rows and 3 variables:

Parameter Code USGS Parameter Code

Fixed Value Fixed Value

Fixed Text Fixed Text

References

This data is from Table 26. Parameter codes with fixed values (USGS Water Quality Samples for USA: Sample Data). See <https://help.waterdata.usgs.gov/codes-and-parameters/>.

pmcode_84171	<i>84171 Sample Splitter Type, Field Code</i>
--------------	---

Description

A table containing the USGS Sample Splitter Type, Field Code parameter codes.

Usage

pmcode_84171

Format

A data frame with 12 rows and 3 variables:

Parameter Code USGS Parameter Code

Fixed Value Fixed Value

Fixed Text Fixed Text

References

This data is from Table 26. Parameter codes with fixed values (USGS Water Quality Samples for USA: Sample Data). See <https://help.waterdata.usgs.gov/codes-and-parameters/>.

pmcode_84172	<i>84172 Air Sampler Filter Type, Code</i>
--------------	--

Description

A table containing the USGS Air Sampler Filter Type, Code parameter codes.

Usage

pmcode_84172

Format

A data frame with 4 rows and 3 variables:

Parameter Code USGS Parameter Code

Fixed Value Fixed Value

Fixed Text Fixed Text

References

This data is from Table 26. Parameter codes with fixed values (USGS Water Quality Samples for USA: Sample Data). See <https://help.waterdata.usgs.gov/codes-and-parameters/>.

pmcode_84173	<i>84173 Air Sample Trap Sorbent Type, Code</i>
--------------	---

Description

A table containing the USGS Air Sample Trap Sorbent Type, Code parameter codes.

Usage

pmcode_84173

Format

A data frame with 6 rows and 3 variables:

Parameter Code USGS Parameter Code

Fixed Value Fixed Value

Fixed Text Fixed Text

References

This data is from Table 26. Parameter codes with fixed values (USGS Water Quality Samples for USA: Sample Data). See <https://help.waterdata.usgs.gov/codes-and-parameters/>.

pmcode_91112	<i>91112 Latitude/Longitude Horizontal Datum</i>
--------------	--

Description

A table containing the USGS Latitude/Longitude Horizontal Datum parameter codes.

Usage

pmcode_91112

Format

A data frame with 7 rows and 3 variables:

Parameter Code USGS Parameter Code

Fixed Value Fixed Value

Fixed Text Fixed Text

References

This data is from Table 26. Parameter codes with fixed values (USGS Water Quality Samples for USA: Sample Data). See <https://help.waterdata.usgs.gov/codes-and-parameters/>.

pmcode_91113	<i>91113 Latitude/Longitude Measurement Method</i>
--------------	--

Description

A table containing the USGS Latitude/Longitude Measurement Method parameter codes.

Usage

pmcode_91113

Format

A data frame with 9 rows and 3 variables:

Parameter Code USGS Parameter Code

Fixed Value Fixed Value

Fixed Text Fixed Text

References

This data is from Table 26. Parameter codes with fixed values (USGS Water Quality Samples for USA: Sample Data). See <https://help.waterdata.usgs.gov/codes-and-parameters/>.

pmcode_91114	<i>91114 Latitude/Longitude Coordinate Accuracy</i>
--------------	---

Description

A table containing the USGS Latitude/Longitude Coordinate Accuracy parameter codes.

Usage

pmcode_91114

Format

A data frame with 6 rows and 3 variables:

Parameter Code USGS Parameter Code

Fixed Value Fixed Value

Fixed Text Fixed Text

References

This data is from Table 26. Parameter codes with fixed values (USGS Water Quality Samples for USA: Sample Data). See <https://help.waterdata.usgs.gov/codes-and-parameters/>.

pmcode_99100	<i>99100 Blank, Type Of Solution, Fixed Value Code</i>
--------------	--

Description

A table containing the USGS Blank, Type Of Solution, Fixed Value Code parameter codes.

Usage

pmcode_99100

Format

A data frame with 13 rows and 3 variables:

Parameter Code USGS Parameter Code

Fixed Value Fixed Value

Fixed Text Fixed Text

References

This data is from Table 26. Parameter codes with fixed values (USGS Water Quality Samples for USA: Sample Data). See <https://help.waterdata.usgs.gov/codes-and-parameters/>.

pmcode_99101	<i>99101 Blank, Source Of Solution, Fixed Value Code</i>
--------------	--

Description

A table containing the USGS Blank, Source Of Solution, Fixed Value Code parameter codes.

Usage

pmcode_99101

Format

A data frame with 25 rows and 3 variables:

Parameter Code USGS Parameter Code

Fixed Value Fixed Value

Fixed Text Fixed Text

References

This data is from Table 26. Parameter codes with fixed values (USGS Water Quality Samples for USA: Sample Data). See <https://help.waterdata.usgs.gov/codes-and-parameters/>.

pmcode_99102	<i>99102 Blank, Type Of Sample, Fixed Value Code</i>
--------------	--

Description

A table containing the USGS Blank, Type Of Sample, Fixed Value Code parameter codes.

Usage

pmcode_99102

Format

A data frame with 13 rows and 3 variables:

Parameter Code USGS Parameter Code

Fixed Value Fixed Value

Fixed Text Fixed Text

References

This data is from Table 26. Parameter codes with fixed values (USGS Water Quality Samples for USA: Sample Data). See <https://help.waterdata.usgs.gov/codes-and-parameters/>.

pmcode_99103	<i>99103 Reference Material, Source, Fixed Value Code</i>
--------------	---

Description

A table containing the USGS Reference Material, Source, Fixed Value Code parameter codes.

Usage

pmcode_99103

Format

A data frame with 12 rows and 3 variables:

Parameter Code USGS Parameter Code

Fixed Value Fixed Value

Fixed Text Fixed Text

References

This data is from Table 26. Parameter codes with fixed values (USGS Water Quality Samples for USA: Sample Data). See <https://help.waterdata.usgs.gov/codes-and-parameters/>.

pmcode_99105	<i>99105 Replicate, Type, Fixed Value Code</i>
--------------	--

Description

A table containing the USGS Replicate, Type, Fixed Value Code parameter codes.

Usage

pmcode_99105

Format

A data frame with 6 rows and 3 variables:

Parameter Code USGS Parameter Code

Fixed Value Fixed Value

Fixed Text Fixed Text

References

This data is from Table 26. Parameter codes with fixed values (USGS Water Quality Samples for USA: Sample Data). See <https://help.waterdata.usgs.gov/codes-and-parameters/>.

pmcode_99106	<i>99106 Spike, Type, Fixed Value Code</i>
--------------	--

Description

A table containing the USGS Spike, Type, Fixed Value Code parameter codes.

Usage

pmcode_99106

Format

A data frame with 5 rows and 3 variables:

Parameter Code USGS Parameter Code

Fixed Value Fixed Value

Fixed Text Fixed Text

References

This data is from Table 26. Parameter codes with fixed values (USGS Water Quality Samples for USA: Sample Data). See <https://help.waterdata.usgs.gov/codes-and-parameters/>.

pmcode_99107	<i>99107 Spike, Source, Fixed Value Code</i>
--------------	--

Description

A table containing the USGS Spike, Source, Fixed Value Code parameter codes.

Usage

pmcode_99107

Format

A data frame with 14 rows and 3 variables:

Parameter Code USGS Parameter Code

Fixed Value Fixed Value

Fixed Text Fixed Text

References

This data is from Table 26. Parameter codes with fixed values (USGS Water Quality Samples for USA: Sample Data). See <https://help.waterdata.usgs.gov/codes-and-parameters/>.

pmcode_99111	<i>99111 Quality Assurance Data Type Associated With Sample, Code</i>
--------------	---

Description

A table containing the USGS Quality Assurance Data Type Associated With Sample, Code parameter codes.

Usage

pmcode_99111

Format

A data frame with 9 rows and 3 variables:

Parameter Code USGS Parameter Code

Fixed Value Fixed Value

Fixed Text Fixed Text

References

This data is from Table 26. Parameter codes with fixed values (USGS Water Quality Samples for USA: Sample Data). See <https://help.waterdata.usgs.gov/codes-and-parameters/>.

pmcode_99112	<i>99112 Sulfide, Water, Filtered, Field, milligrams Per Liter</i>
--------------	--

Description

A table containing the USGS Sulfide, Water, Filtered, Field, milligrams Per Liter parameter codes.

Usage

pmcode_99112

Format

A data frame with 10 rows and 3 variables:

Parameter Code USGS Parameter Code

Fixed Value Fixed Value

Fixed Text Fixed Text

References

This data is from Table 26. Parameter codes with fixed values (USGS Water Quality Samples for USA: Sample Data). See <https://help.waterdata.usgs.gov/codes-and-parameters/>.

pmcode_99329	<i>99329 Coliphage, somatic, E. coli C-host, 2-stepenrichment presence/absence per 1 liter</i>
--------------	--

Description

A table containing the USGS Coliphage, somatic, E. coli C-host, 2-stepenrichment presence/absence per 1 liter parameter codes.

Usage

pmcode_99329

Format

A data frame with 2 rows and 3 variables:

Parameter Code USGS Parameter Code

Fixed Value Fixed Value

Fixed Text Fixed Text

References

This data is from Table 26. Parameter codes with fixed values (USGS Water Quality Samples for USA: Sample Data). See <https://help.waterdata.usgs.gov/codes-and-parameters/>.

pmcode_99335	<i>99335 ColipgeF-spec, famp, 2-step,pres(1) abs(2)/ 1 L</i>
--------------	--

Description

A table containing the USGS ColipgeF-spec, famp, 2-step,pres(1) abs(2)/ 1 L parameter codes.

Usage

pmcode_99335

Format

A data frame with 2 rows and 3 variables:

Parameter Code USGS Parameter Code

Fixed Value Fixed Value

Fixed Text Fixed Text

References

This data is from Table 26. Parameter codes with fixed values (USGS Water Quality Samples for USA: Sample Data). See <https://help.waterdata.usgs.gov/codes-and-parameters/>.

pmcode_99595	<i>99595 Total coliform, ColilrtPA, wtrprs/abs /1L</i>
--------------	--

Description

A table containing the USGS Total coliform, ColilrtPA, wtrprs/abs /1L parameter codes.

Usage

pmcode_99595

Format

A data frame with 2 rows and 3 variables:

Parameter Code USGS Parameter Code

Fixed Value Fixed Value

Fixed Text Fixed Text

References

This data is from Table 26. Parameter codes with fixed values (USGS Water Quality Samples for USA: Sample Data). See <https://help.waterdata.usgs.gov/codes-and-parameters/>.

pmcode_99596	99596 <i>E. coliColilrt PA, water prs/abs /1 L</i>
--------------	--

Description

A table containing the USGS *E. coliColilrt PA, water prs/abs /1 L* parameter codes.

Usage

pmcode_99596

Format

A data frame with 2 rows and 3 variables:

Parameter Code USGS Parameter Code

Fixed Value Fixed Value

Fixed Text Fixed Text

References

This data is from Table 26. Parameter codes with fixed values (USGS Water Quality Samples for USA: Sample Data). See <https://help.waterdata.usgs.gov/codes-and-parameters/>.

pmcode_99766	99766 <i>Enterovirus, RT pcrpres(1) abs(2) / 50 L</i>
--------------	---

Description

A table containing the USGS *Enterovirus, RT pcrpres(1) abs(2) / 50 L* parameter codes.

Usage

pmcode_99766

Format

A data frame with 2 rows and 3 variables:

Parameter Code USGS Parameter Code

Fixed Value Fixed Value

Fixed Text Fixed Text

References

This data is from Table 26. Parameter codes with fixed values (USGS Water Quality Samples for USA: Sample Data). See <https://help.waterdata.usgs.gov/codes-and-parameters/>.

pmcode_99767	<i>99767 Reo- virus, RT pcrpres(1) abs(2) / 50 L</i>
--------------	--

Description

A table containing the USGS Reo- virus, RT pcrpres(1) abs(2) / 50 L parameter codes.

Usage

pmcode_99767

Format

A data frame with 2 rows and 3 variables:

Parameter Code USGS Parameter Code

Fixed Value Fixed Value

Fixed Text Fixed Text

References

This data is from Table 26. Parameter codes with fixed values (USGS Water Quality Samples for USA: Sample Data). See <https://help.waterdata.usgs.gov/codes-and-parameters/>.

pmcode_99768	<i>99768 Rota virus, RT pcrpres(1) abs(2) / 50 L</i>
--------------	--

Description

A table containing the USGS Rota virus, RT pcrpres(1) abs(2) / 50 L parameter codes.

Usage

pmcode_99768

Format

A data frame with 2 rows and 3 variables:

Parameter Code USGS Parameter Code

Fixed Value Fixed Value

Fixed Text Fixed Text

References

This data is from Table 26. Parameter codes with fixed values (USGS Water Quality Samples for USA: Sample Data). See <https://help.waterdata.usgs.gov/codes-and-parameters/>.

pmcode_99769	<i>99769 Hepatitis-A virus, RT pcrpres(1) abs(2) / 50 L</i>
--------------	---

Description

A table containing the USGS Hepatitis-A virus, RT pcrpres(1) abs(2) / 50 L parameter codes.

Usage

pmcode_99769

Format

A data frame with 2 rows and 3 variables:

Parameter Code USGS Parameter Code

Fixed Value Fixed Value

Fixed Text Fixed Text

References

This data is from Table 26. Parameter codes with fixed values (USGS Water Quality Samples for USA: Sample Data). See <https://help.waterdata.usgs.gov/codes-and-parameters/>.

pmcode_99770	<i>99770 Norwalk virus, RT pcrpres(1) abs(2) / 50 L</i>
--------------	---

Description

A table containing the USGS Norwalk virus, RT pcrpres(1) abs(2) / 50 L parameter codes.

Usage

pmcode_99770

Format

A data frame with 2 rows and 3 variables:

Parameter Code USGS Parameter Code

Fixed Value Fixed Value

Fixed Text Fixed Text

References

This data is from Table 26. Parameter codes with fixed values (USGS Water Quality Samples for USA: Sample Data). See <https://help.waterdata.usgs.gov/codes-and-parameters/>.

pmcode_99771	<i>99771 Calici- virus, RT pcrpres(1) abs(2) / 50 L</i>
--------------	---

Description

A table containing the USGS Calici- virus, RT pcrpres(1) abs(2) / 50 L parameter codes.

Usage

pmcode_99771

Format

A data frame with 2 rows and 3 variables:

Parameter Code USGS Parameter Code

Fixed Value Fixed Value

Fixed Text Fixed Text

References

This data is from Table 26. Parameter codes with fixed values (USGS Water Quality Samples for USA: Sample Data). See <https://help.waterdata.usgs.gov/codes-and-parameters/>.

tz_codes	<i>Timezone (tz) codes</i>
----------	----------------------------

Description

A table containing the worldwide timezones and UTC offsets.

Usage

tz_codes

Format

A data.table data frame with 54 rows and 7 variables:

Tz Cd Timezone Code

Tz Nm Timezone Name

Tz Ds Timezone Location

Tz Utc Offset Tm Timezone UTC Offset

Tz Dst Cd Timezone Daylight Savings Code

Tz Dst Nm Timezone Daylight Savings Name

Tz Dst Utc Offset Tm Timezone Daylight Savings UTC Offset

References

This data is from National Water Information System: Help System Time Zone Codes. See https://help.waterdata.usgs.gov/code/tz_query?fmt=html.

weather_results	<i>Global Engineering Weather Data</i>
-----------------	--

Description

"The data in this table were compiled by the Air Force Combat Climatology Center (AFCCC) at the request of the Air Force Civil Engineer Support Agency (HQ AFCESA). Sites were identified by AFCESA, US Army Corps of Engineers (USACE), and the Naval Facilities Engineering Command (NAVFACENCOM). Final site selection was based upon availability of climatological data. Most sites are located at military installations supporting airfield operations or at local airports/airfields."

Usage

weather_results

Format

A data.table data frame with 805 rows and 7 variables:

Site name Name of location

WMO No. "World Meteorological Organization (WMO) number is a unique number assigned to every location in the world that takes and transmits regular weather observations."

Latitude Location latitude, decimal degrees

Longitude Location longitude, decimal degrees

Elevation (feet) Location elevation, feet above mean sea level

Design Value (degrees F) Location wet-bulb temperature (degrees F) design value for a 1.0 percent occurrence (based on the whole year)

Mean Coincident Dry Bulb Temperature (degrees F) Location "mean coincident dry-bulb temperature" (degrees F) for a 1.0 percent occurrence (based on the whole year)

References

This data is from the ENGINEERING WEATHER DATA PRODUCTS (EWD) CD-ROM, version 1.0, 23 December 1999. CD-ROM provided by the National Climatic Data Center Climate Services Division. See <https://www.ncei.noaa.gov/nespls/olstore/prodspecific?prodnum=5005>.

Index

* datasets

pmcode_00041, 4
pmcode_00067, 4
pmcode_00115, 5
pmcode_01300, 5
pmcode_01305, 6
pmcode_01310, 6
pmcode_01315, 7
pmcode_01320, 7
pmcode_01325, 8
pmcode_01330, 8
pmcode_01335, 9
pmcode_01340, 9
pmcode_01345, 10
pmcode_01350, 10
pmcode_01351, 11
pmcode_01355, 11
pmcode_04117, 12
pmcode_31678, 12
pmcode_49986, 13
pmcode_50276, 13
pmcode_50280, 14
pmcode_62955, 14
pmcode_71995, 15
pmcode_71996, 15
pmcode_71997, 16
pmcode_71998, 16
pmcode_71999, 17
pmcode_72005, 17
pmcode_72006, 18
pmcode_74200, 18
pmcode_82305, 19
pmcode_82309, 19
pmcode_82398, 20
pmcode_82923, 20
pmcode_84060, 21
pmcode_84143, 21
pmcode_84144, 22
pmcode_84145, 22

pmcode_84146, 23
pmcode_84147, 23
pmcode_84148, 24
pmcode_84149, 24
pmcode_84164, 25
pmcode_84171, 26
pmcode_84172, 26
pmcode_84173, 27
pmcode_91112, 27
pmcode_91113, 28
pmcode_91114, 28
pmcode_99100, 29
pmcode_99101, 29
pmcode_99102, 30
pmcode_99103, 30
pmcode_99105, 31
pmcode_99106, 31
pmcode_99107, 32
pmcode_99111, 32
pmcode_99112, 33
pmcode_99329, 33
pmcode_99335, 34
pmcode_99595, 34
pmcode_99596, 35
pmcode_99766, 35
pmcode_99767, 36
pmcode_99768, 36
pmcode_99769, 37
pmcode_99770, 37
pmcode_99771, 38
tz_codes, 38
weather_results, 39

ie2miscdata, 3

pmcode_00041, 4
pmcode_00067, 4
pmcode_00115, 5
pmcode_01300, 5
pmcode_01305, 6

pmcode_01310, [6](#)
pmcode_01315, [7](#)
pmcode_01320, [7](#)
pmcode_01325, [8](#)
pmcode_01330, [8](#)
pmcode_01335, [9](#)
pmcode_01340, [9](#)
pmcode_01345, [10](#)
pmcode_01350, [10](#)
pmcode_01351, [11](#)
pmcode_01355, [11](#)
pmcode_04117, [12](#)
pmcode_31678, [12](#)
pmcode_49986, [13](#)
pmcode_50276, [13](#)
pmcode_50280, [14](#)
pmcode_62955, [14](#)
pmcode_71995, [15](#)
pmcode_71996, [15](#)
pmcode_71997, [16](#)
pmcode_71998, [16](#)
pmcode_71999, [17](#)
pmcode_72005, [17](#)
pmcode_72006, [18](#)
pmcode_74200, [18](#)
pmcode_82305, [19](#)
pmcode_82309, [19](#)
pmcode_82398, [20](#)
pmcode_82923, [20](#)
pmcode_84060, [21](#)
pmcode_84143, [21](#)
pmcode_84144, [22](#)
pmcode_84145, [22](#)
pmcode_84146, [23](#)
pmcode_84147, [23](#)
pmcode_84148, [24](#)
pmcode_84149, [24](#)
pmcode_84164, [25](#)
pmcode_84171, [26](#)
pmcode_84172, [26](#)
pmcode_84173, [27](#)
pmcode_91112, [27](#)
pmcode_91113, [28](#)
pmcode_91114, [28](#)
pmcode_99100, [29](#)
pmcode_99101, [29](#)
pmcode_99102, [30](#)
pmcode_99103, [30](#)
pmcode_99105, [31](#)
pmcode_99106, [31](#)
pmcode_99107, [32](#)
pmcode_99111, [32](#)
pmcode_99112, [33](#)
pmcode_99329, [33](#)
pmcode_99335, [34](#)
pmcode_99595, [34](#)
pmcode_99596, [35](#)
pmcode_99766, [35](#)
pmcode_99767, [36](#)
pmcode_99768, [36](#)
pmcode_99769, [37](#)
pmcode_99770, [37](#)
pmcode_99771, [38](#)
tz_codes, [38](#)
weather_results, [39](#)