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#
# Begin METADATA documentation
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# METADATA Date:      May 22, 2009
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# -----
#
# METADATA Data Description:
#
#   Filename: Appendix4.txt
#
#   The data provided herein are the stream-water site information discussed in
#
#   U.S. Geological Survey Scientific Investigations Report 2009-5062, Sources and Preparation of Data
#   for Assessing Trends in Concentrations of Pesticides in Streams of the United States, 1992-2006
#   URL http://pubs.usgs.gov/sir/2009/5062/
#
#   Characteristics of 201 stream-water sites are provided in this tab-delimited ASCII file.
#
#   NOTE: Each row contains information about one stream-water site
#
#   This data file contains 201 rows of data (excludes rows of METADATA comments, 1 row of
#   attribute labels, and 1 row of field descriptions).
# -----
#
# METADATA Basic documentation of data set elements:
#
#   Data Attributes:
#
#           index          9N
#           pstaid         15S
#           suid           4S
#           state          2S

```

#	drnsqmi	9N
#	pctinus	9N
#	lu	5S
#	levlag	9N
#	levlurb	9N
#	huc_code	8S
#	huc_name	39S
#	lat	9N
#	long	9N
#	datum	6S
#	llacc	5S
#	ntotal	9N
#	nTrendNO	9N
#	nTrendYES	9N
#	meddays	9N
#	mindays	9N
#	wyr1992	9N
#	wyr1993	9N
#	wyr1994	9N
#	wyr1995	9N
#	wyr1996	9N
#	wyr1997	9N
#	wyr1998	9N
#	wyr1999	9N
#	wyr2000	9N
#	wyr2001	9N
#	wyr2002	9N
#	wyr2003	9N
#	wyr2004	9N
#	wyr2005	9N
#	wyr2006	9N
#	sname	63S

#

Note: The row in the data file that follows the row of attribute labels describes the
width of the field and the data type. S or s indicates a text attribute,
D or d indicates a date attribute, and N or n indicates a numeric attribute.
For example: 15s indicates a 0- to 15-character text attribute whereas
9N indicates a 0- to 9-digit numeric attribute. Attribute labels may be longer
than the width of the field.

#

Attribute label: index

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#
# Attribute description: Site index number for figure 1 of the report
#
#
# Attribute label: pstaid
#
# Attribute description: USGS site identification number
# Source: NAWQA Data Warehouse site information retrieval 04-08-2009
#
# Note: pstaid is the "parent" site identification number. At some sites, the actual
# location of sample collection (at the "child" site identification number)
# may have changed during the period of sample collection, but the sites
# are considered equivalent.
#
#
# Attribute label: suid
#
# Attribute description: NASQAN Program (suid = nasq) or NAWQA Program Study-Unit identifier
# Source: NAWQA Data Warehouse site information retrieval 04-08-2009
#
#
# Code      Description
# -----
# acad      Acadian-Pontchartrain Drainages
# acfb      Apalachicola-Chattahoochee-Flint River Basin
# albe      Albemarle-Pamlico Drainage Basin
# ccyk      Central Columbia Plateau-Yakima River Basin
# cnbr      Central Nebraska Basins
# conn      Connecticut, Housatonic, and Thames River Basins
# delr      Delaware River Basin
# eiwa      Eastern Iowa Basins
# gafl      Georgia-Florida Coastal Plain
# grsl      Great Salt Lake Basins
# hdsn      Hudson River Basin
# leri      Lake Erie-Lake Saint Clair Drainages
# linj      Long Island-New Jersey Coastal Drainages
# lirr      Lower Illinois River Basin
# lsus      Lower Susquehanna River Basin
# mise      Mississippi Embayment
# mobil     Mobile River Basin
# nasq      NASQAN Program
# necb      New England Coastal Basins
# nvbr      Las Vegas Valley Area and Carson and Truckee River Basins
# ozrk      Ozark Plateaus

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#	podl	Potomac River Basin and Delmarva Peninsula
#	pugt	Puget Sound Basin
#	redn	Red River of the North Basin
#	riog	Rio Grande Valley
#	sacr	Sacramento River Basin
#	sana	Santa Ana Basin
#	sanj	San Joaquin-Tulare Basins
#	sant	Santee River Basin and Coastal Drainages
#	sctx	South-Central Texas
#	sofl	Southern Florida
#	splt	South Platte River Basin
#	tenn	Tennessee River Basin
#	trin	Trinity River Basin
#	ucol	Upper Colorado River Basin
#	uirb	Upper Illinois River Basin
#	umis	Upper Mississippi River Basin
#	usnk	Upper Snake River Basin
#	whmi	White, Great Miami, and Little Miami River Basins
#	will	Willamette Basin
#	wmic	Western Lake Michigan Drainages
#	yell	Yellowstone River Basin

Attribute label: state

Attribute description: State postal abbreviation for site location
Source: NAWQA Data Warehouse site information retrieval 04-08-2009

Attribute label: drnsqmi

Attribute description: Size of the drainage basin, in square miles
Source: Determined from drainage basin coverages provided by Study Unit teams as of 03-11-2009

Attribute label: pctinus

Attribute description: Percentage of the drainage basin in the United States of America
Source: Determined from drainage basin coverages provided by Study Unit teams as of 03-11-2009
overlain with a 1:2,000,000-scale coverage of USA international boundaries

Attribute label: lu

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#
# Attribute description: Drainage basin land-use class
# Source: Determined from drainage basin coverages provided by Study Unit teams as of 03-11-2009
#         overlain with 30-meter resolution NLCD 2001 land-cover data
#
#         Code   Description
#         -----
#         agric  Greater than 50% agricultural land and less than or equal to 5% urban land
#         undev  Less than or equal to 25% agricultural land and less than or equal to 5% urban land
#         urban  Greater than 25% urban land and less than or equal to 25% agricultural land
#         mixed  All other combinations of land use
#
#         Note: 30-meter resolution NLCD 2001 land-cover data was only available for the USA,
#               consequently, drainage basin land-use class was assigned based on the land-use
#               proportions in the USA-part of the drainage basin
#
# Attribute label: levlag
#
# Attribute description: Percentage of agricultural land use in the USA-part of the drainage basin
# Source: Determined from drainage basin coverages provided by Study Unit teams as of 03-11-2009
#         overlain with 30-meter resolution NLCD 2001 land-cover data
#
# Attribute label: levlurb
#
# Attribute description: Percentage of urban land use in the USA-part of the drainage basin
# Source: Determined from drainage basin coverages provided by Study Unit teams as of 03-11-2009
#         overlain with 30-meter resolution NLCD 2001 land-cover data
#
# Attribute label: huc_code
#
# Attribute description: Eight-digit Hydrologic-Unit Code of the stream-water site location
# Source: Determined by overlaying stream-water site locations (lat and long) with
#         1:250,000-scale Hydrologic-Unit Code boundaries
#
# Attribute label: huc_name
#
# Attribute description: Name of eight-digit Hydrologic-Unit Code (huc_code)
# Source: Determined by overlaying stream-water site locations (lat and long) with
#         1:250,000-scale Hydrologic-Unit Code boundaries

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#####

Attribute label: lat

Attribute description: Latitude, decimal degrees.

Source: NAWQA Data Warehouse site information retrieval 04-08-2009

Attribute label: long

Attribute description: Longitude, decimal degrees.

Source: NAWQA Data Warehouse site information retrieval 04-08-2009

Attribute label: datum

Attribute description: Horizontal datum

Source: NAWQA Data Warehouse site information retrieval 04-08-2009

Code	Description
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NAD27 North American Datum of 1927

NAD83 North American Datum of 1983

Attribute label: llacc

Attribute description: Latitude/longitude accuracy code

Source: NAWQA Data Warehouse site information retrieval 04-08-2009

Code	Description
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H Accurate to 0.01 second (differentially corrected GPS)

1 Accurate to 0.1 second (differentially corrected GPS)

5 Accurate to 0.5 second (Precise Positioning Service (PLGR/PPS GPS))

S Accurate to 1 second

R Accurate to 3 seconds

F Accurate to 5 seconds

T Accurate to 10 seconds

M Accurate to 60 seconds

U	Unknown
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# Attribute label: ntotal
#
# Attribute description: Total number of water samples for the stream-water site (pstaId)
#                        in the data files in appendix 5 of USGS SIR 2009-5062
# Source: Data files in appendix 5 of USGS SIR 2009-5062
#
# Attribute label: nTrendNO
#
# Attribute description: Number of water samples for the stream-water site (pstaId)
#                        in the data files in appendix 5 of USGS SIR 2009-5062
#                        considered inappropriate for trend analysis (trend = "DROP")
# Source: Data files in appendix 5 of USGS SIR 2009-5062
#
# Attribute label: nTrendYES
#
# Attribute description: Number of water samples for the stream-water site (pstaId)
#                        in the data files in appendix 5 of USGS SIR 2009-5062
#                        considered appropriate for trend analysis (trend = "KEEP")
# Source: Data files in appendix 5 of USGS SIR 2009-5062
#
# Attribute label: meddays
#
# Attribute description: The median number of days between samples considered appropriate
#                        for trend analysis (trend = "KEEP") for the stream-water site (pstaId)
#                        in the data files in appendix 5 of USGS SIR 2009-5062
# Source: Data files in appendix 5 of USGS SIR 2009-5062
#
# Attribute label: mindays
#
# Attribute description: The minimum number of days between samples considered appropriate
#                        for trend analysis (trend = "KEEP") for the stream-water site (pstaId)
#                        in the data files in appendix 5 of USGS SIR 2009-5062
# Source: Data files in appendix 5 of USGS SIR 2009-5062
#
# Attribute label: wyrnnnn (All variables of the form wyrnnnn, where nnnn is year, 1992-2006)
#
# Attribute description: Number of water samples for the stream-water site (pstaId) for the
#                        indicated water year in the data files in appendix 5 of USGS SIR 2009-5062

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#             considered appropriate for trend analysis (trend = "KEEP")
#
#
#   Attribute label: sname
#
#   Attribute description: Name of the stream-water site (pstaidd)
#   Source: NAWQA Data Warehouse site information retrieval 04-08-2009, edited by jdmartin
#
# End METADATA documentation
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