

Begin METADATA documentation

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METADATA Contact: Jeffrey D. Martin

U.S. Geological Survey

NAWQA Pesticide Synthesis Project

5957 Lakeside Boulevard

Indianapolis, IN 46278-1996

voice: (317) 290-3333 x148

fax: (317) 290-3313

email: jdmartin@usgs.gov

METADATA Data Description:

Filename: modeled.sw.recov.txt

Source: U.S. Geological Survey Data Series 630, appendix 5.

URL <http://pubs.usgs.gov/ds/630/>

The modeled recovery data provided herein are an UPDATED data set processed similarly to that provided in:

U.S. Geological Survey Scientific Investigations Report 2009-5189, Adjustment of Pesticide Concentrations for Temporal Changes in Analytical Recovery, 1992-2006

URL <http://pubs.usgs.gov/sir/2009/5189/>

Modeled recovery for 44 pesticides and 8 degradates in stream-water matrix spikes are provided in this tab-delimited ASCII file.

NOTE: This is a "row" format data file. Each row contains information about modeled recovery for one pesticide for one day (Jan 1, 1992 to Dec 31, 2010 inclusive).

This data file contains 360,880 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:

spiketype	9s
pcode	5S
plname	25S
period	6S
sp	9N
predict	9N
dates	8D
dectime	9N

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: spiketype

Attribute description: Type of spikes used for modeling recovery.

Code	Description
sw	Stream-water matrix spikes

Attribute label: pcode

Attribute description: Parameter code. The 5-digit number used to identify variables in the U.S. Geological Survey (USGS) National Water Information System (NWIS).

Attribute label: plname

Attribute description: Common name of the pesticide or degradate.

Attribute label: period

Attribute description: Modeling period and technique.

Code	Description
before	Recovery for the time period before spikes. Recovery modeled by assigning the lowess-modeled recovery on the date of the first spike to all previous dates.
during	Recovery for the time period of spikes (date of first spike through date of last spike). Recovery modeled by lowess.
after	Recovery for the time period after spikes. Recovery modeled by assigning the lowess-modeled recovery on the date of the last spike to all subsequent dates.

Attribute label: sp

Attribute description: Lowess smoothing window. A smoothing window of 0.1 (10 percent) was used to model recovery for all pesticides except fipronil, fipronil sulfide, fipronil sulfone, desulfinylfipronil amide, and desulfinylfipronil. a smoothing window of 0.25 (25 percent) was used to model recovery for these five pesticides or degradates.

Attribute label: predict

Attribute description: Modeled recovery, in percent.

Attribute label: dates

Attribute description: Date of modeled recovery, YYYYMMDD. 19920101 through 20101231.

Attribute label: dectime

Attribute description: Decimal date of modeled recovery.

End METADATA documentation