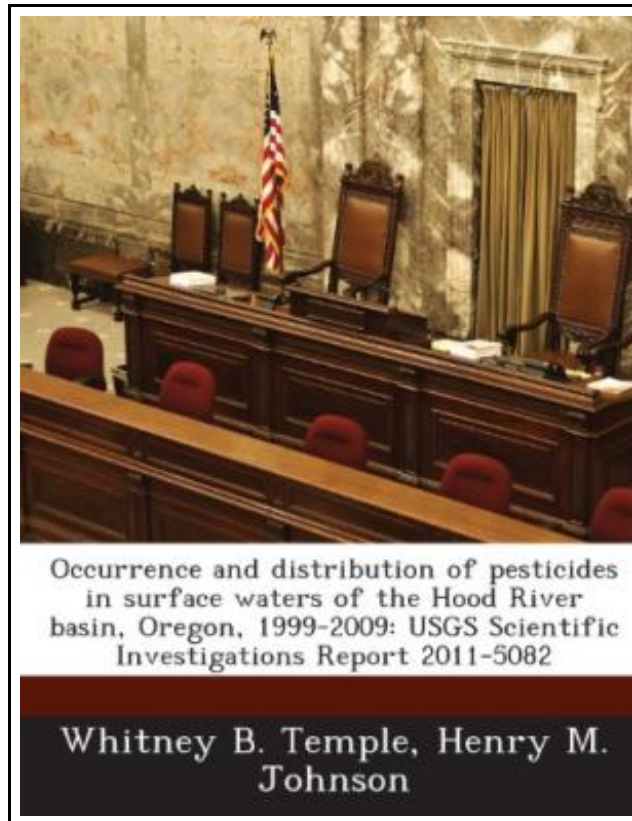


## Occurrence and Distribution of Pesticides in Surface Waters of the Hood River Basin, Oregon, 1999-2009: Usgs Scientific Investigations Report 2011-5082



Filesize: 4.45 MB

### ***Reviews***

*Extremely helpful to any or all category of individuals. It really is rally fascinating throgh studying time period. I am just quickly could possibly get a pleasure of reading a composed ebook.*  
*(Lawrence Keeling)*

## OCCURRENCE AND DISTRIBUTION OF PESTICIDES IN SURFACE WATERS OF THE HOOD RIVER BASIN, OREGON, 1999-2009: USGS SCIENTIFIC INVESTIGATIONS REPORT 2011-5082

[DOWNLOAD](#)

To save **Occurrence and Distribution of Pesticides in Surface Waters of the Hood River Basin, Oregon, 1999-2009: Usgs Scientific Investigations Report 2011-5082** PDF, you should refer to the link listed below and download the ebook or gain access to additional information which are related to OCCURRENCE AND DISTRIBUTION OF PESTICIDES IN SURFACE WATERS OF THE HOOD RIVER BASIN, OREGON, 1999-2009: USGS SCIENTIFIC INVESTIGATIONS REPORT 2011-5082 ebook.

Bibliogov, United States, 2013. Paperback. Book Condition: New. 246 x 189 mm. Language: English . Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*.The U.S. Geological Survey analyzed pesticide and trace-element concentration data from the Hood River basin collected by the Oregon Department of Environmental Quality (ODEQ) from 1999 through 2009 to determine the distribution and concentrations of pesticides in the basin s surface waters. Instream concentrations were compared to (1) national and State water-quality standards established to protect aquatic organisms and (2) concentrations that cause sublethal or lethal effects in order to assess their potential to adversely affect the health of salmonids and their prey organisms. Three salmonid species native to the basin are listed as threatened under the U.S. Endangered Species Act: bull trout, steelhead, and Chinook salmon. A subset of 16 sites was sampled every year by the ODEQ for pesticides, with sample collection targeted to months of peak pesticide use in orchards (March-June and September). Ten pesticides and four pesticide degradation products were analyzed from 1999 through 2008; 100 were analyzed in 2009. Nineteen pesticides were detected: 11 insecticides, 6 herbicides, and 2 fungicides. Two of four insecticide degradation products were detected. All five detected organophosphate insecticides and the one detected organochlorine insecticide were present at concentrations exceeding water-quality standards, sublethal effects thresholds, or acute toxicity values in one or more samples. The frequency of organophosphate detection in the basin decreased during the period of record; however, changes in sampling schedule and laboratory reporting limits hindered clear analysis of detection frequency trends. Detected herbicide and fungicide concentrations were less than water-quality standards, sublethal effects thresholds, or acute toxicity values. Simazine, the most frequently detected pesticide, was the only herbicide detected at concentrations within an order of magnitude (factor of 10) of concentrations that impact salmonid olfaction. Some...



[Read Occurrence and Distribution of Pesticides in Surface Waters of the Hood River Basin, Oregon, 1999-2009: Usgs Scientific Investigations Report 2011-5082 Online](#)



[Download PDF Occurrence and Distribution of Pesticides in Surface Waters of the Hood River Basin, Oregon, 1999-2009: Usgs Scientific Investigations Report 2011-5082](#)



[Download ePUB Occurrence and Distribution of Pesticides in Surface Waters of the Hood River Basin, Oregon, 1999-2009: Usgs Scientific Investigations Report 2011-5082](#)

## Relevant eBooks



[PDF] **Index to the Classified Subject Catalogue of the Buffalo Library; The Whole System Being Adopted from the Classification and Subject Index of Mr. Melvil Dewey, with Some Modifications .**

Follow the hyperlink listed below to download and read "Index to the Classified Subject Catalogue of the Buffalo Library; The Whole System Being Adopted from the Classification and Subject Index of Mr. Melvil Dewey, with Some Modifications ." PDF file.

[Download PDF »](#)



[PDF] **Ohio Court Rules 2013, Practice Procedure**

Follow the hyperlink listed below to download and read "Ohio Court Rules 2013, Practice Procedure" PDF file.

[Download PDF »](#)



[PDF] **Kindergarten Culture in the Family and Kindergarten; A Complete Sketch of Froebel s System of Early Education, Adapted to American Institutions. for the Use of Mothers and Teachers**

Follow the hyperlink listed below to download and read "Kindergarten Culture in the Family and Kindergarten; A Complete Sketch of Froebel s System of Early Education, Adapted to American Institutions. for the Use of Mothers and Teachers" PDF file.

[Download PDF »](#)



[PDF] **A Kindergarten Manual for Jewish Religious Schools; Teacher s Text Book for Use in School and Home**

Follow the hyperlink listed below to download and read "A Kindergarten Manual for Jewish Religious Schools; Teacher s Text Book for Use in School and Home" PDF file.

[Download PDF »](#)



[PDF] **Two Treatises: The Pearle of the Gospell, and the Pilgrims Profession to Which Is Added a Glasse for Gentlewomen to Dresse Themselves By. by Thomas Taylor Preacher of Gods Word to the Towne of Reding. (1624-1625)**

Follow the hyperlink listed below to download and read "Two Treatises: The Pearle of the Gospell, and the Pilgrims Profession to Which Is Added a Glasse for Gentlewomen to Dresse Themselves By. by Thomas Taylor Preacher of Gods Word to the Towne of Reding. (1624-1625)" PDF file.

[Download PDF »](#)



[PDF] **Two Treatises: The Pearle of the Gospell, and the Pilgrims Profession to Which Is Added a Glasse for Gentlewomen to Dresse Themselves By. by Thomas Taylor Preacher of Gods Word to the Towne of Reding. (1625)**

Follow the hyperlink listed below to download and read "Two Treatises: The Pearle of the Gospell, and the Pilgrims Profession to Which Is Added a Glasse for Gentlewomen to Dresse Themselves By. by Thomas Taylor Preacher of Gods Word to the Towne of Reding. (1625)" PDF file.

[Download PDF »](#)



**[PDF] Do Monsters Wear Undies Coloring Book: A Rhyming Children s Coloring Book**

Follow the link under to read "Do Monsters Wear Undies Coloring Book: A Rhyming Children s Coloring Book" file.

[Read Book »](#)



**[PDF] From Kristallnacht to Israel: A Holocaust Survivor s Journey**

Follow the link under to read "From Kristallnacht to Israel: A Holocaust Survivor s Journey" file.

[Read Book »](#)



**[PDF] Children s Educational Book: Junior Leonardo Da Vinci: An Introduction to the Art, Science and Inventions of This Great Genius. Age 7 8 9 10 Year-Olds. [Us English]**

Follow the link under to read "Children s Educational Book: Junior Leonardo Da Vinci: An Introduction to the Art, Science and Inventions of This Great Genius. Age 7 8 9 10 Year-Olds. [Us English]" file.

[Read Book »](#)



**[PDF] The First Epistle of H. N. a Crying-Voyce of the Holye Spirit of Loue. Translated Out of Base-Almayne Into English. (1574)**

Follow the link under to read "The First Epistle of H. N. a Crying-Voyce of the Holye Spirit of Loue. Translated Out of Base-Almayne Into English. (1574)" file.

[Read Book »](#)



**[PDF] Daycare Seen Through a Teacher s Eyes: A Guide for Teachers and Parents**

Follow the link under to read "Daycare Seen Through a Teacher s Eyes: A Guide for Teachers and Parents" file.

[Read Book »](#)



**[PDF] Tales from Little Ness - Book One: Book 1**

Follow the link under to read "Tales from Little Ness - Book One: Book 1" file.

[Read Book »](#)