

WATER RESOURCES
Nevada District
333 West Nye Lane, Room 203
Carson City, Nevada 89706

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ERRATA FOR U.S. GEOLOGICAL SURVEY
PROFESSIONAL PAPER 1655

Irrigation-Induced Contamination of Water, Sediment, and
Biota in the Western United States—Synthesis of Data from the
National Irrigation Water Quality Program

Please make the following changes:

Page 14—First column, the URL in the third paragraph reads

“... <<http://pubs.water.usgs.gov/wri004173>>.”

The URL should read:

“... <<http://pubs.water.usgs.gov/ofr00513>>.”

Page 28—Delete the following duplicative text in the first paragraph under subsection “DISSOLVED SOLIDS”

lines 7 and 8

“... in 9 of the 25 study areas analyzed (*A, B, D, I, J, Q, R, S, and T*)”

lines 10 through 12

“... and in only 2 of the 25 areas (*Y and Z*) was the median greater than 3,000 mg/L

Page 30—Last sentence in the second paragraph states “. . . concentrations that exceeded 190 µg/L, . . .”

this line should read “. . . concentrations that exceeded 180 µg/L, . . . “

Page 31—Figure 7. EXPLANATION shows “USEPA chronic criterion”

The chronic criterion is not from USEPA; it is from California State Water Resources Control Board (1988).

The caption should also read:

Figure 7. Concentrations of boron in surface water, ground water, and bottom sediment from sites in and downstream from irrigated areas in National Irrigation Water Quality Program (NIWQP) study areas. Chronic criterion is from California State Water Resources Control Board (1988). Data points are from non-replicate environmental samples collected as part of a NIWQP investigation.

Page 42—Figure 17. EXPLANATION

Delete phrase “. . . Letter indicates study area”

Page 43—Figure 18. EXPLANATION

Delete phrase “. . . Letter indicates study area”

(MORE)

(PP1655 Errata Sheet–continued)

Page 65—Table 20. sixth column “Dietary effect”

Footnote “a” should be changed to footnote “1” for “Invertebrates” and “Whole fish” categories.

Seventh column

“Effect” footnote “e” should be footnote “5” for “Egg sets” category.

Page 84—Last line of first paragraph under subsection “GEOCHEMICAL AND STATISTICAL TOOLS USED IN MODEL DEVELOPMENT”

The measurement 3 m/L should be 3 µg/L

Page 86—First paragraph line 4 reads “. . . in the following circumstances:”

This line should read “. . . include the following circumstances:”

Page 88—Table 26.**Third column** “No observed effect level”

The values listed for Molybdenum, Selenium, and DDE should be a dash.

Fourth column “Lowest observed effect level”

The value listed for Molybdenum is 23.

The correct value should be 33.

Fifth column “Dose-response threshold”

The value for mercury should show a reference to footnote 9.

The value for selenium should show a reference to footnote 12.

The value for DDE should show a reference to footnote 14.

Page 92—Last sentence of the top paragraph in the second column

The last sentence reads “. . . collected from three sites . . .”

This should read “. . . collected from two sites . . .”

Page 96—Table 29.

“H Kendrick Reclamation Project, Wyoming” should have the value 14 under the third column “Avocet” and a dash under the fourth column for “Stilt.”

“V San Juan River area, New Mexico” shows a value of 1 in the fifth column under “Duck” this should be replaced with a dash.

Because of these changes, the “Total” values should be changed to “572,” “608,” and “135.”

Page 100—Table 31. Footnote 4

The footnote reads “. . . greater than 0.5 percent.”

The footnote should read “. . . greater than 0.5.”

This is actually a probability level of 0.5 (or 50 percent, not 0.5 percent).

Page 111—Figure 48.B

The unit of measure at the top of this figure reads “. . . exceeds 5 mg/L”

The unit of measure should read “. . . exceeds 5 µg/L”

Figures 48. A, B, and C

The side label that reads “Study areas where median selenium concentration is less than 3 mg/g.”

Should read “3 µg/g.”