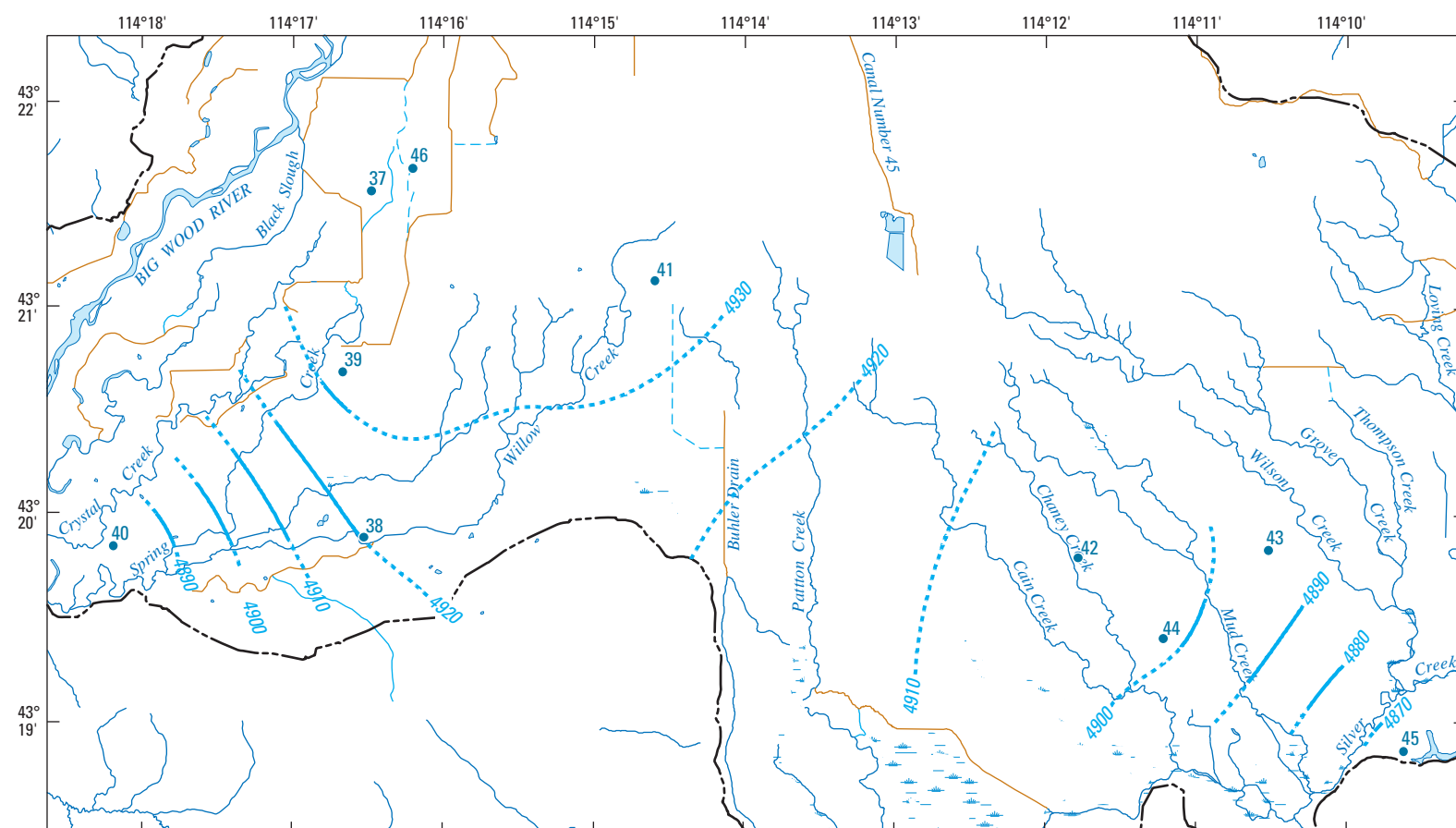
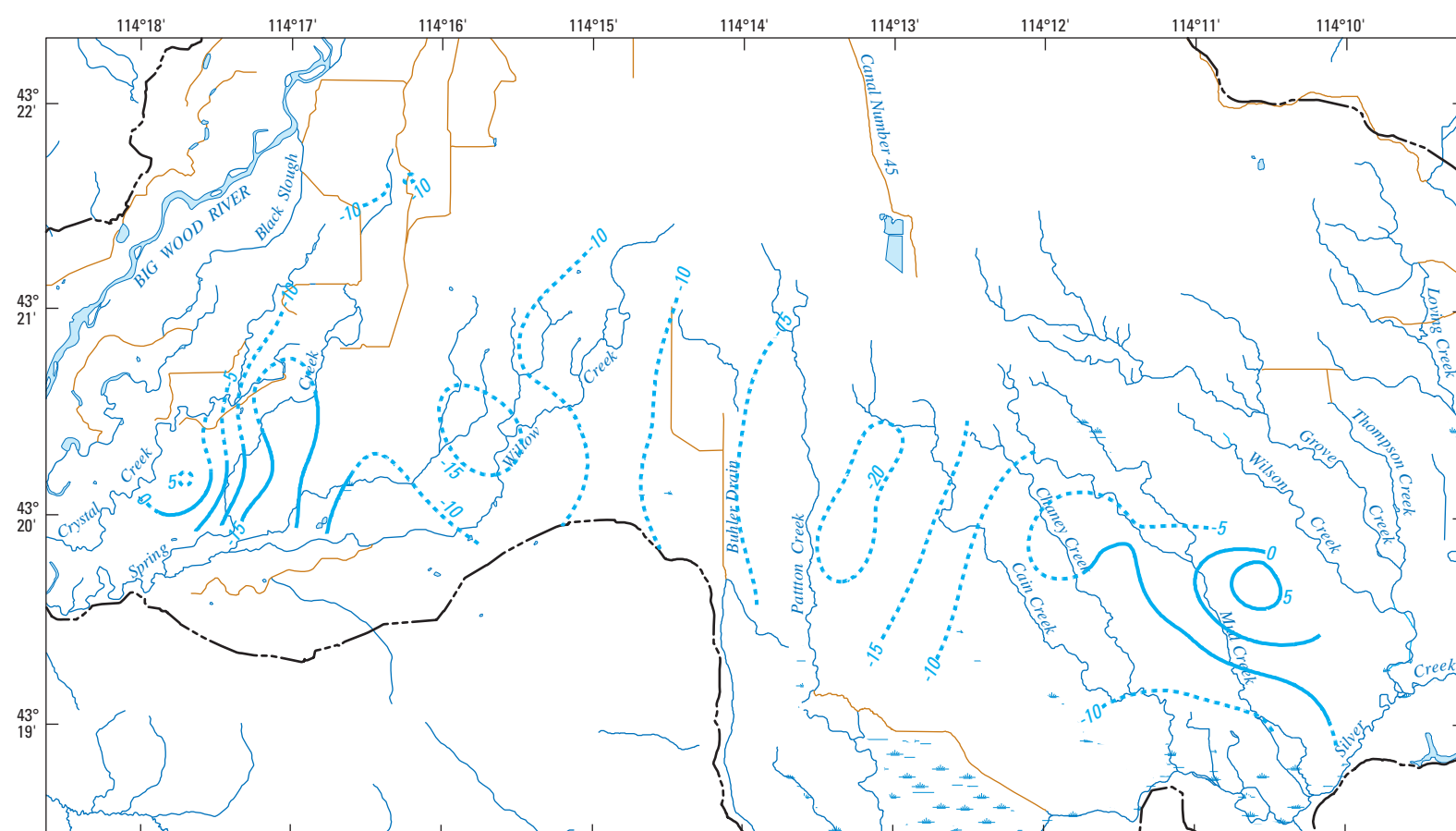


A. Partial-Development Potentiometric Surface of the Confined Aquifer



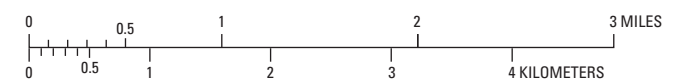
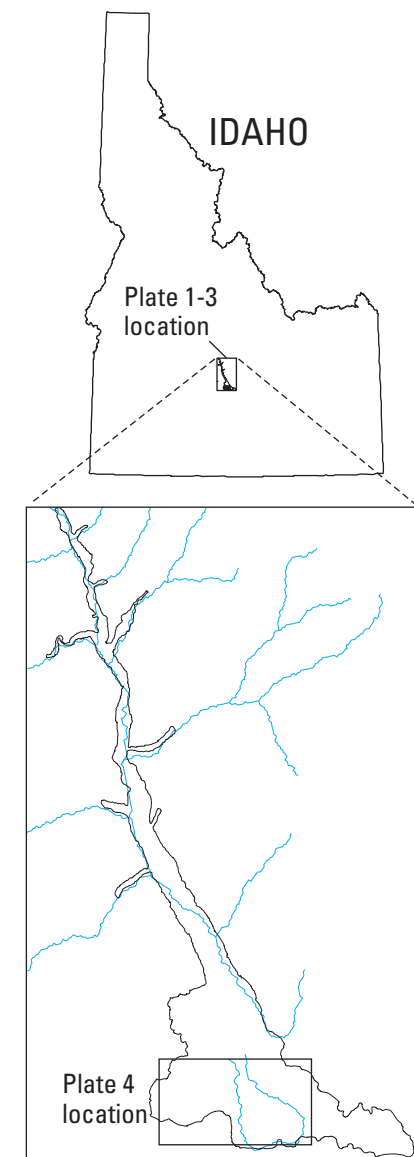
B. October 2006 Potentiometric Surface of the Confined Aquifer



C. Change in the Potentiometric Surface of the Confined Aquifer from Partial Development (1952-86) to October 2006

EXPLANATION FOR PLATE 4A AND 4B

- Boundary of study area
- 4870 --- Potentiometric contour—Shows elevation at which water level would have stood in tightly cased wells. Dashed where approximately located. Contour interval is 20 feet. Datum is NAVD 88
- Canal/ditch
- 43 • Wells completed in the confined aquifer with water-level measurement data—Number is map index No. (see appendix A)



EXPLANATION FOR PLATE 4C

- Boundary of study area
- 5 --- Line of equal change in potentiometric surface—Dashed where approximately located. Interval is 10 feet. Positive numbers indicate a rise in water level. Negative (-) numbers indicate a decline in water level
- Canal/ditch

Projection information: Transverse Mercator, false easting = 2,500,000, false northing = 1,200,000, central meridian = -114.0, scale factor = 0.9996, latitude of origin = 42.0, datum = NAD83; roads from Alpine Enterprises, 2004, hydrography from USGS NHD, 1999, 1:100,000; shaded relief from USGS 90-m grid, 2002.

Partial-Development and October 2006 Potentiometric Surface and Change Maps of the Confined Aquifer, Wood River Valley, South-Central Idaho.

By
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