

Groundwater and surface-water data, Treasure Valley Idaho:



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East Hartley Drain
132109867 Bartolino

What is the USGS?

❖ Established in 1879, we collect, analyze, and publish reliable, impartial, and timely science information to enable informed decision making

- ❖ The USGS does **NOT**:
- Manage any public lands
 - Have any regulatory authority
 - Make policy recommendations

Hydrologic data

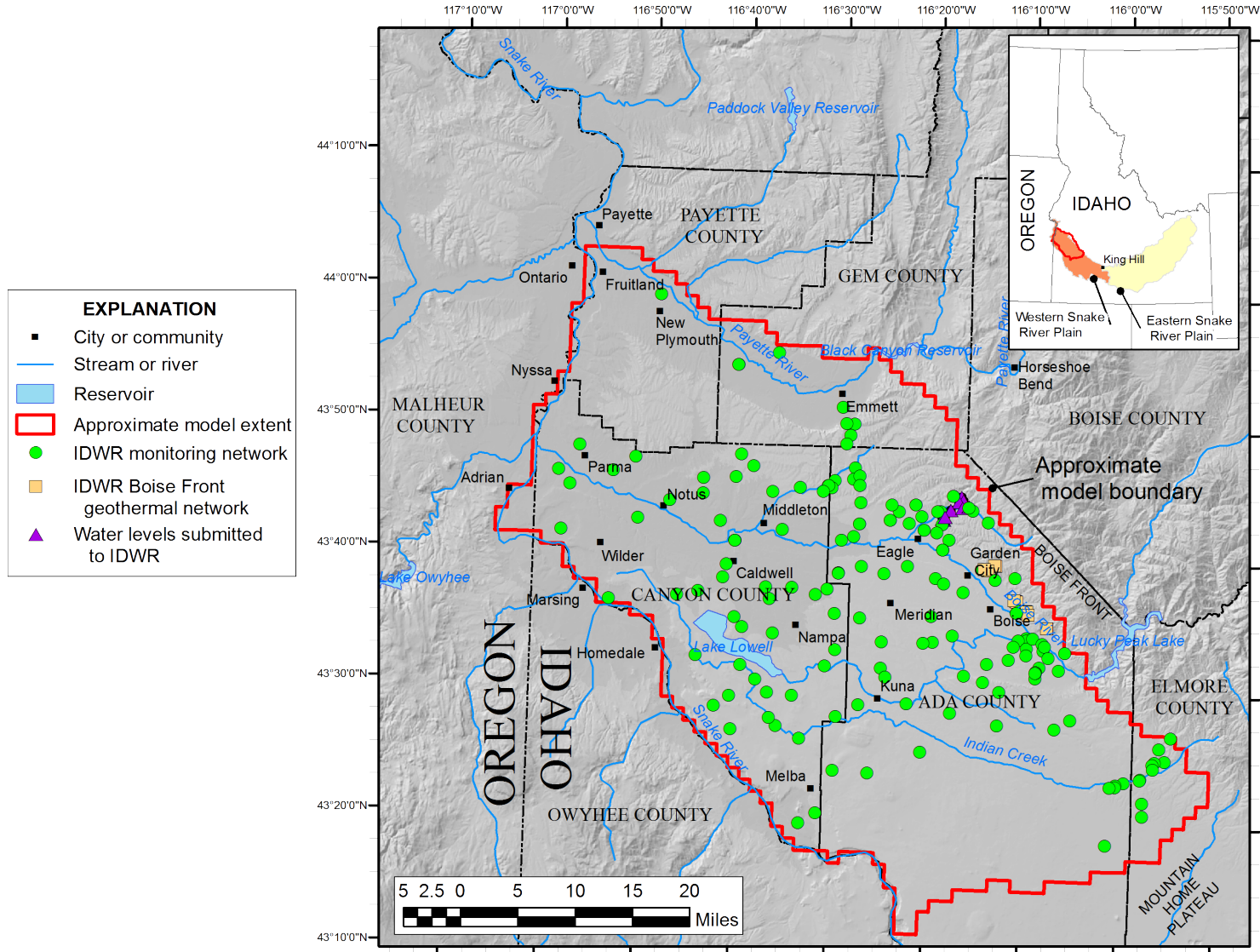
The screenshot shows the USGS National Water Information System Web Interface. It displays a table of hydrologic data for the Boise River Basin, with 25 sites found. The table includes columns for Station Number, Station name, Date/Time, Gage height, Discharge, and Temperature. The data is organized into a table with columns for Station Number, Station name, Date/Time, Gage height, Discharge, and Temperature.

Station Number	Station name	Date/Time	Gage height, feet	Discharge, ft ³ /s	Temperature, water, deg C
13185000	BOISE RIVER NR TWIN SPRINGS ID	06/05 06:30 MDT	11.97	9,610	8.1
13186000	2-SF BOISE RIVER NR FEATHERVILLE ID	06/05 06:30 MDT	6.93	7,300	7.7
13190500	SF BOISE RIVER AT ANDERSON RANCH DAM ID [ARAIL WTemp below dam]	06/05 06:15 MDT	9.26	6,500	--
13192200	SF BOISE RIVER AT NEAL BRIDGE NR ARROWROCK DAM ID	06/05 06:45 MDT	13.91	6,860	9.3
13200000	MORES CREEK AB ROBIE CREEK NR ARROWROCK DAM ID [WORKING]	06/05 06:30 MDT	4.31	791	--
13201500	LUCKY PEAK LAKE NR BOISE ID [begins 12/30/2014]	06/05 06:15 MDT	3,037.34	--	--
13204640	COTTONWOOD CREEK BEL FIVEMILE CR NR BOISE ID	06/05 06:30 MDT	7.89	1.14	--
13206000	BOISE RIVER AT GLENWOOD BRIDGE NR BOISE ID	06/05 06:45 MDT	11.68	9,370	--
13206150	SUNROC POND NR GARDEN CITY	06/05 07:00 MDT	81.81	--	--
13206300	BOISE RIVER NORTH CHANNEL NR EAGLE ID	06/05 07:00 MDT	--	--	--
13206305	BOISE RIVER SOUTH CHANNEL AT EAGLE ID	06/05 06:30 MDT	--	--	--
13206400	EAGLE DRAIN AT EAGLE ID [WORKING]	06/05 06:45 MDT	--	--	--
13210007	BOISE RIVER AT STAR BRIDGE NEAR STAR ID	06/05 07:00 MDT	--	--	--
13210810	FIFTEENMILE CREEK NR MIDLAND BLVD NR MIDDLETON, ID [WORKING]	06/05 06:15 MDT	--	--	--
13210824	N MIDDLETON DRAIN (MILL SLOUGH) AT MIDDLETON ID [WORKING]	06/05 06:45 MDT	--	--	--
13210831	SOUTH MIDDLETON DRAIN AT MIDDLETON ID [WORKING]	06/05 06:00 MDT	--	--	--
13210980	MASON CREEK AT CALDWELL ID [WORKING]	06/05 06:30 MDT	--	--	--
13210986	W HARTLEY GULCH NR CALDWELL ID [WORKING]	06/05 06:00 MDT	--	--	--
13210987	EAST HARTLEY ARW BACKWATER NR CALDWELL ID	06/05 06:45 MDT	--	--	--

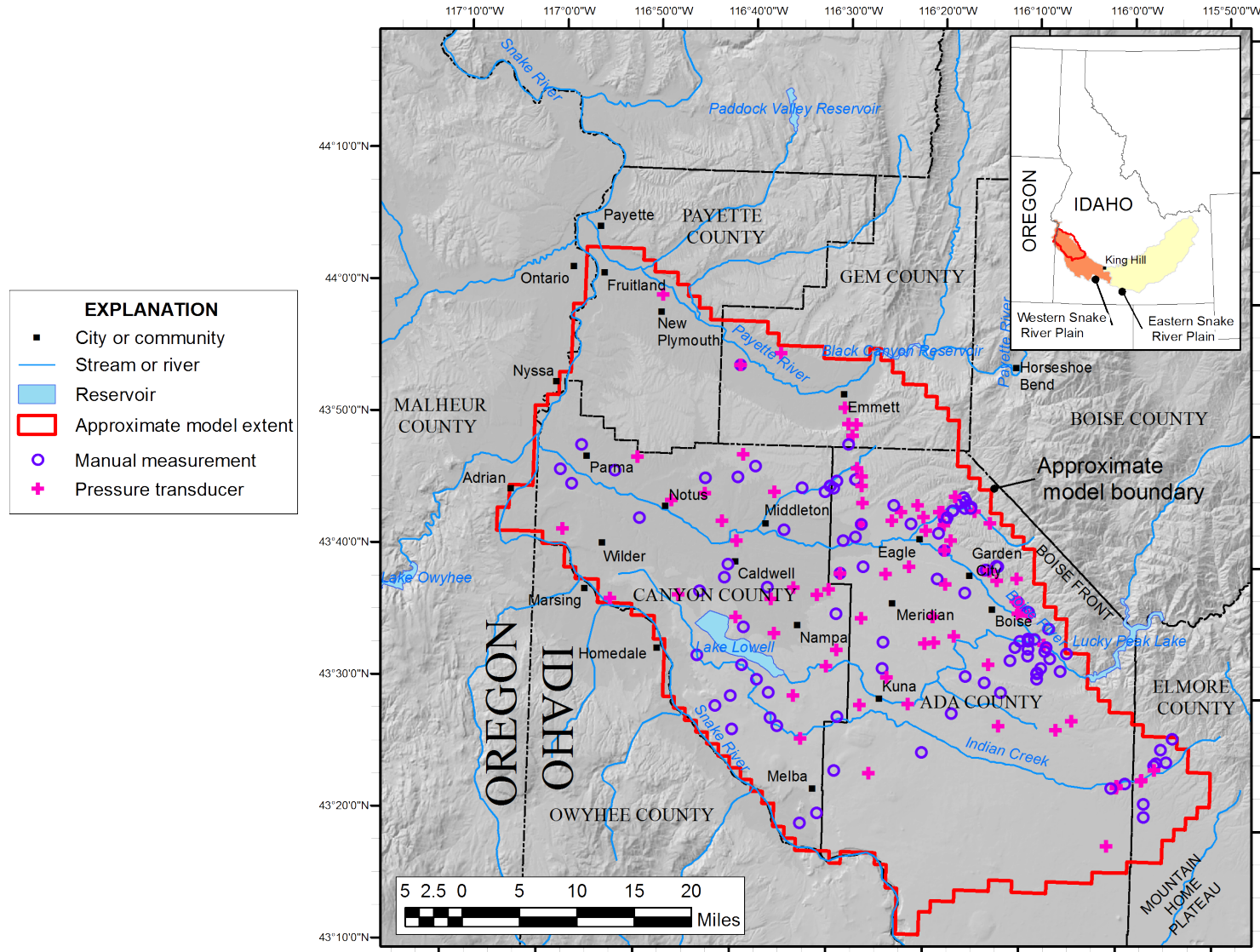
Interpretive reports

The image shows the cover of a USGS report. It features the USGS logo at the top left. The title of the report is "Ambient Water Quality in Aquifers Used for Drinking-Water Supplies, Gem County, Southwestern Idaho, 2015". Below the title is a photograph of a rural landscape with fields and mountains in the background. To the right of the photograph is a bar chart showing data for various locations. At the bottom of the report cover, it says "Scientific Investigations Report 2016-5170" and "U.S. Department of the Interior U.S. Geological Survey".

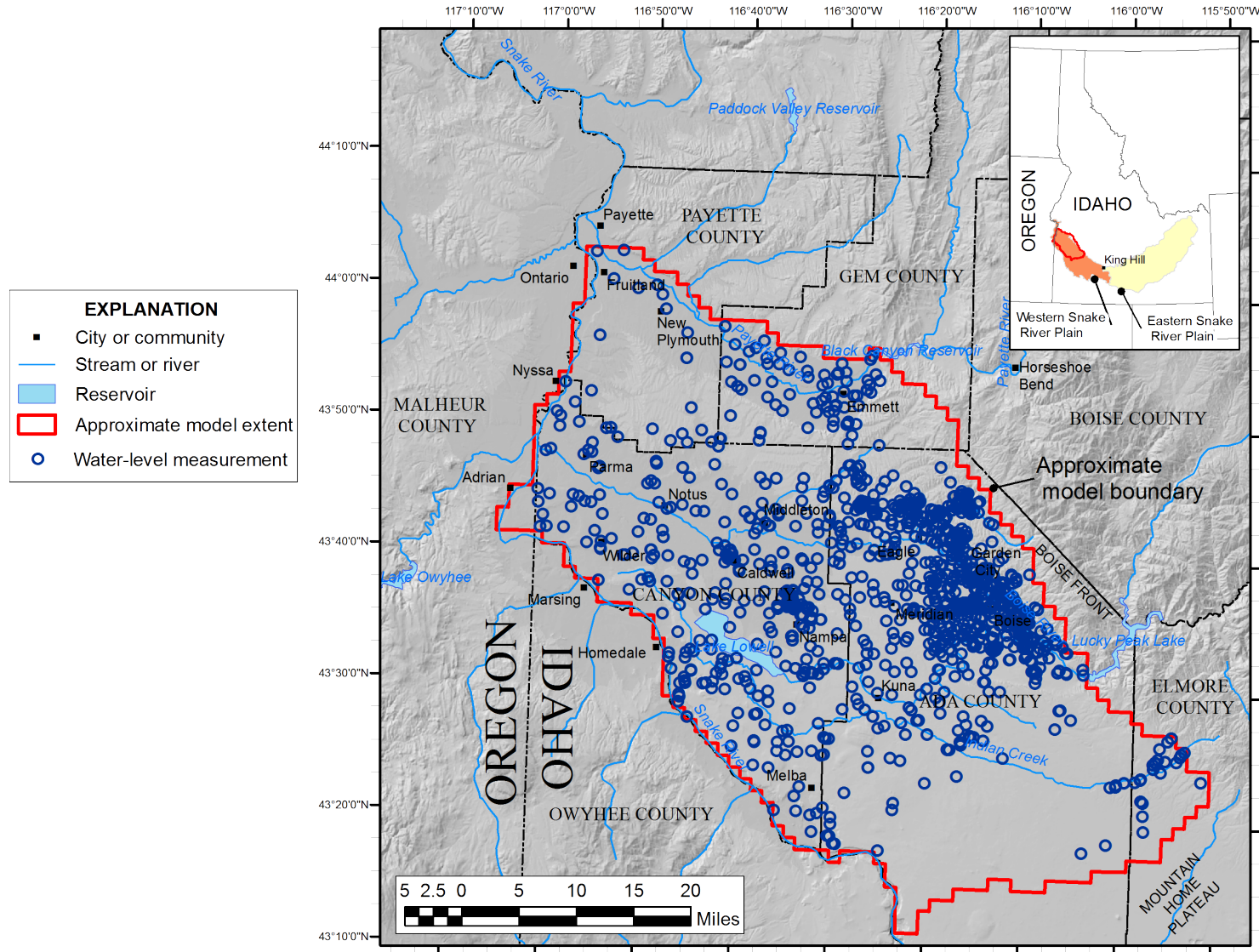
IDWR water-level network



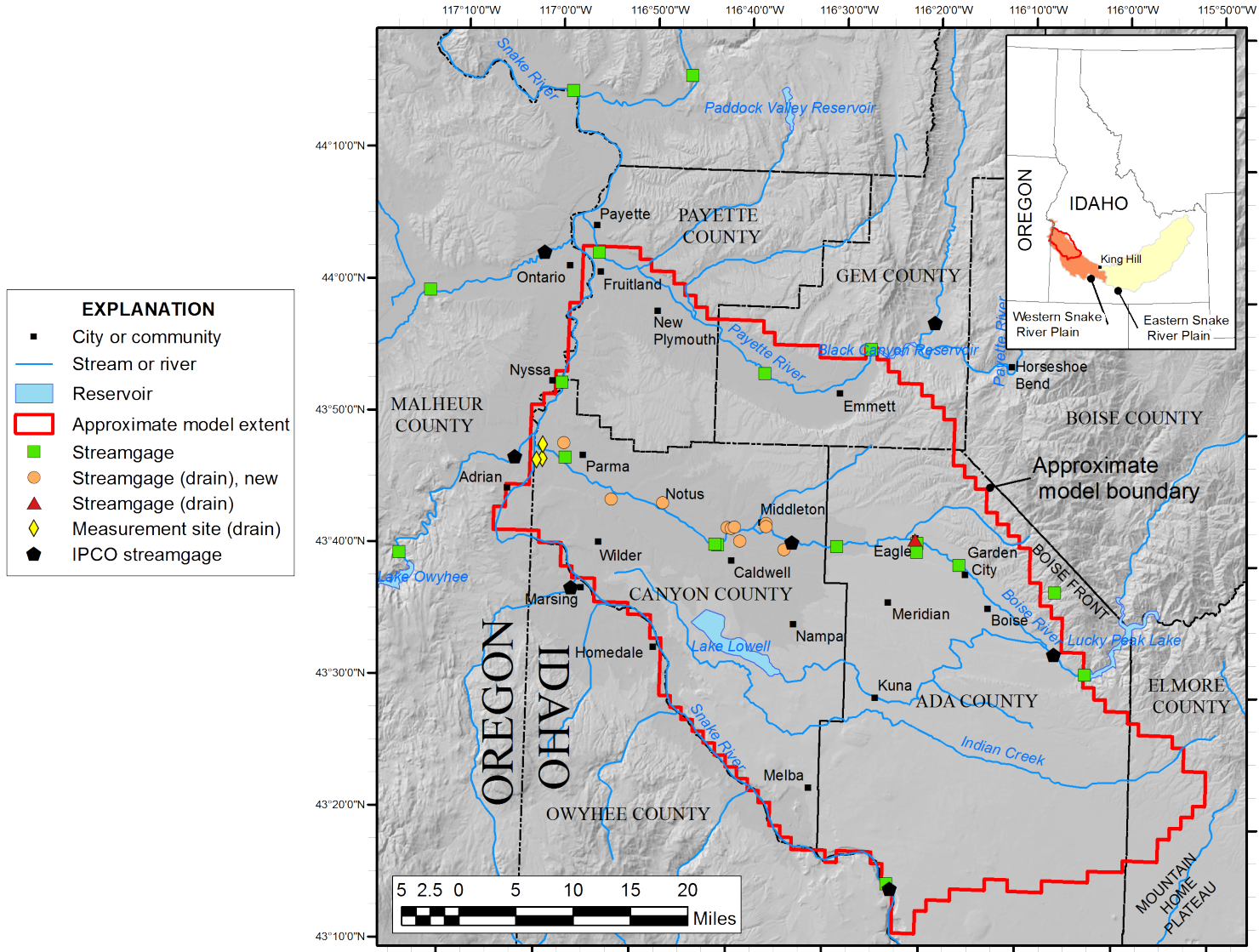
IDWR water-level instrumentation



Water-level measurements (1986-2016)

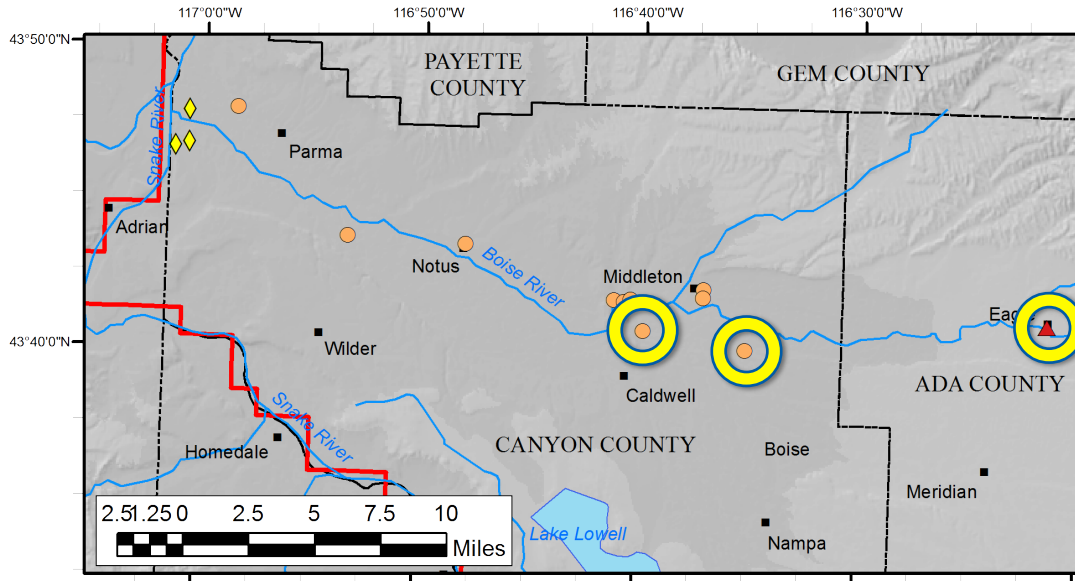


Active streamgages



- EXPLANATION**
- City or community
 - Stream or river
 - Reservoir
 - ▭ Approximate model extent
 - Streamgage
 - Streamgage (drain), new
 - ▲ Streamgage (drain)
 - ◆ Measurement site (drain)
 - ⬠ IPCO streamgage

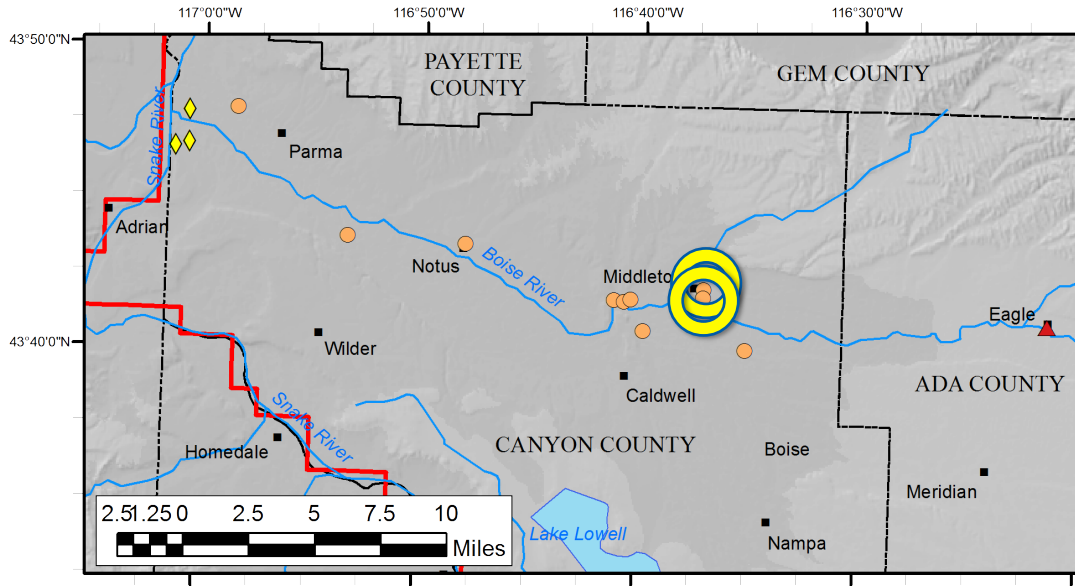
New streamgages (1)



- ❖ 13206400-Eagle Drain
- ❖ 13210980-Fifteenmile Creek nr Midland Blvd nr Middleton
- ❖ 13210980-Mason Creek at Caldwell



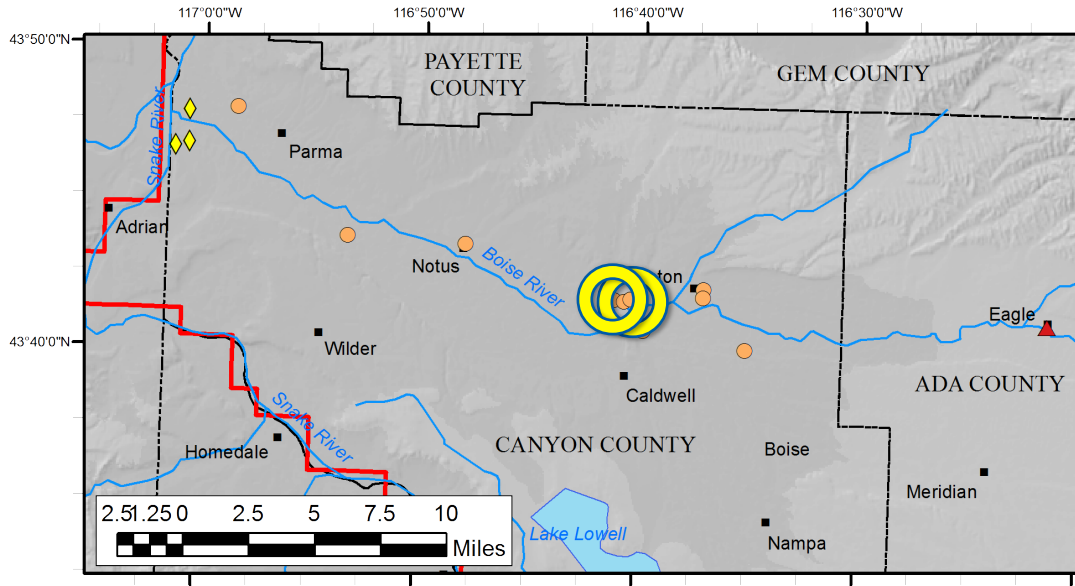
New streamgages (2)



- ❖ 13210840-N.
Middleton Drain
- ❖ 13210831-S.
Middleton Drain



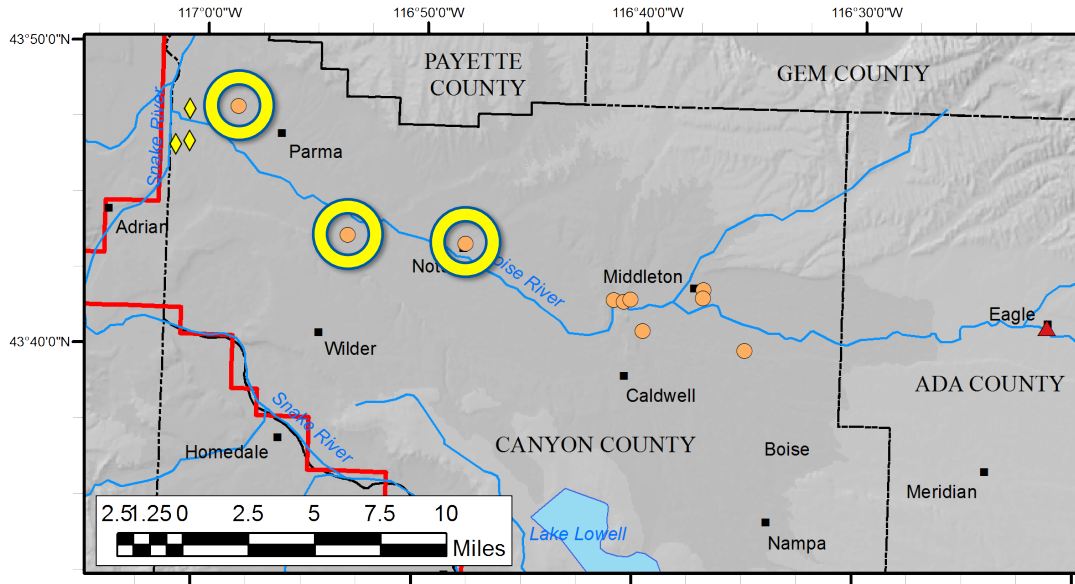
New streamgages (3)



- ❖ 132109867-E. Hartley
Abv Backwater nr
Wilder
- ❖ 13210986-W. Hartley
Gulch nr Caldwell



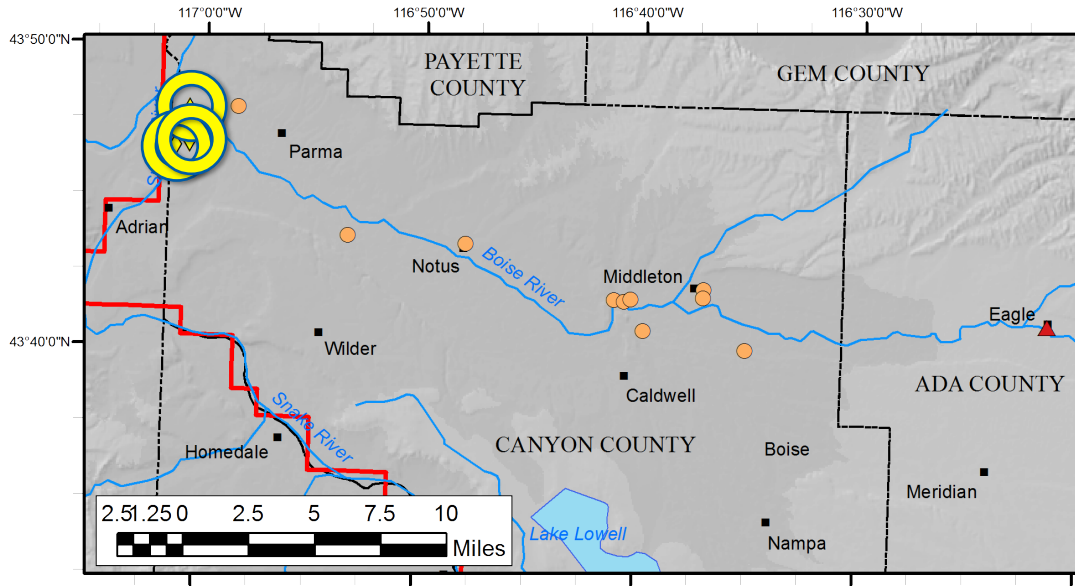
New streamgages (4)



- ❖ 13212549-Conway Gulch Below 1st St. at Notus
- ❖ 13212890-Dixie Drain nr Wilder
- ❖ 13213072-Sand Run Gulch nr Parma



New measurement sites



- ❖ 13173635-Ross Drain
- ❖ 13173630-S. Boise Drain
- ❖ 13173632-N. Alkali Drain



Any data you have helps..

- ❖ Pumpage
 - ❖ Water levels
 - ❖ Pump/aquifer tests
 - ❖ Drain/canal elevations
- ❖ Other data...

1996	Mgal/mo									
	Well #1	Well #2	Well #3	Well #4-A	Well #5	Well #7	Well #8	Well #10	Well #11	Total
Jan	5.83	2.72	0.00	0.00	13.15	24.02	0.00	0.00	3.30	49.02
Feb	5.46	2.92	0.30	0.00	14.18	24.20	0.00	0.00	2.60	49.67
Mar	5.78	2.51	0.00	0.00	14.63	25.08	0.00	0.00	2.95	50.95
Apr	5.86	1.88	0.00	0.00	9.41	21.84	0.07	0.00	2.83	41.89
May	6.13	1.88	4.90	5.84	10.02	37.89	0.12	0.00	12.35	79.13
Jun	5.57	4.16	14.04	11.31	22.39	27.45	7.32	0.00	68.35	160.58
Jul	5.44	5.89	19.88	9.15	31.93	27.42	23.95	0.00	79.42	203.08
Aug	5.42	5.66	4.69	10.54	30.50	29.02	29.48	0.00	75.99	191.30
Sep	5.29	4.81	0.00	0.00	26.18	14.38	19.99	0.00	65.68	136.33
Oct	5.64	2.78	0.00	0.00	15.00	0.60	6.35	0.00	44.64	75.00
Nov	5.39	1.98	0.00	0.00	10.91	0.01	0.11	0.00	26.75	45.14
Dec	5.86	2.50	0.00	0.00	13.98	0.00	0.00	0.00	32.79	55.12
Total	67.67	39.68	43.81	36.84	212.28	231.91	87.39	0.00	417.63	1137.22

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