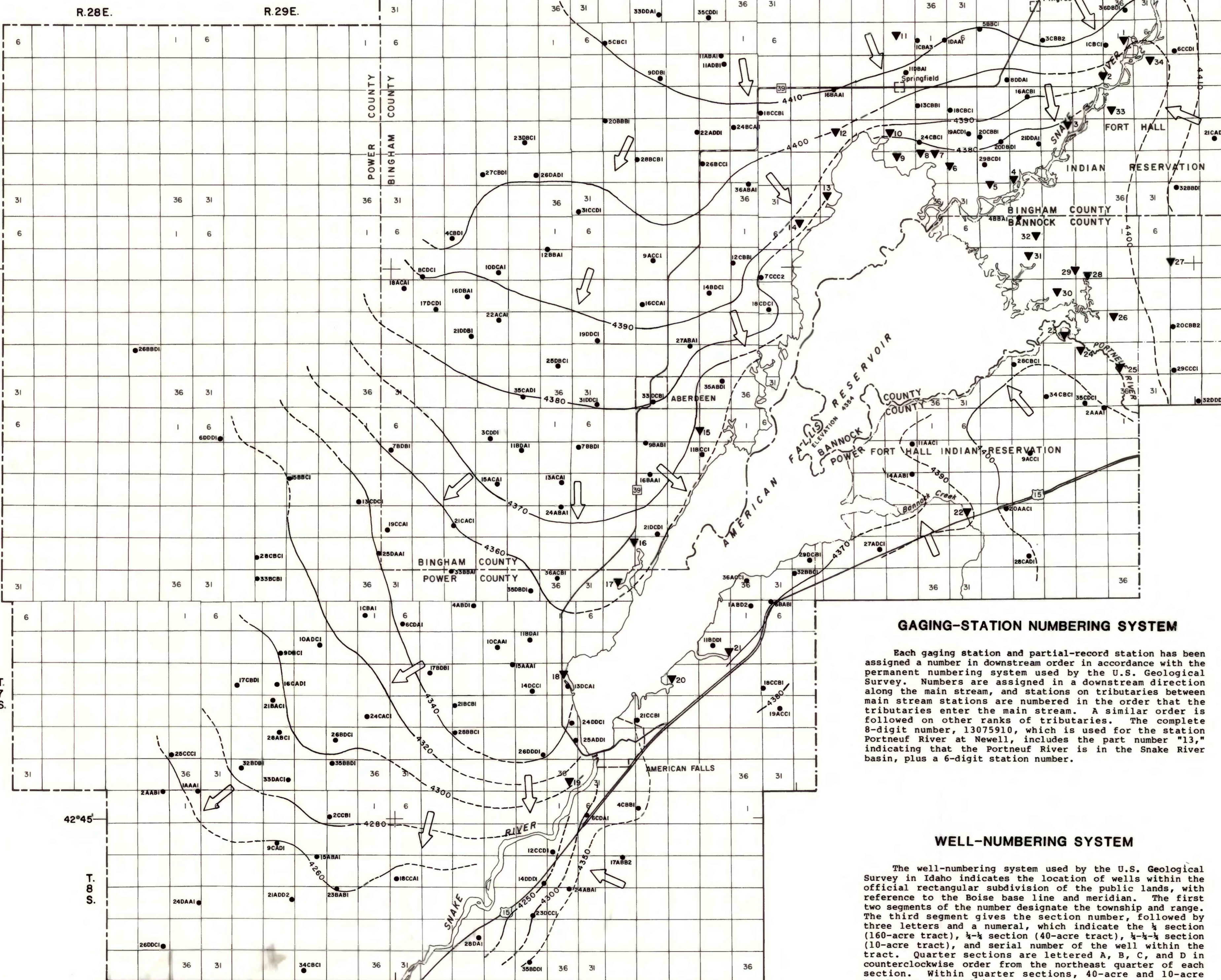


INDEX MAP OF IDAHO

EXPLANATION

- 4400 --- WATER-TABLE CONTOUR--Shows altitude of water table, April 1984. Dashed where approximately located. Contour interval, in feet, is variable. Datum is sea level
- ← GENERALIZED DIRECTION OF GROUND-WATER MOVEMENT
- 35BDB1 WELL AND NUMBER
- ▼ 2 INFLOW MEASUREMENT SITE AND MAP REFERENCE NUMBER



MEASUREMENTS OF INFLOW

Map reference No.	Station No.	Name	Discharge, in cubic feet per second	Date measured (1984)
1	13069505	Johanne's Springs	1.08	4/16
2	13069507	Thorn Springs	5.08	4/16
3	13069509	Log Cabin Springs	26.2	4/16
4	13069511	Pyle Springs	97.8	4/16
5	13069515	McTucker Springs	6.61	4/16
6	13069520	Hull Springs	2.55	4/16
7	13069524	Tanner Springs	Dry	4/16
8	13069529	Crystal Ditch	37.0	4/16
9	13069532	Colburn Waste	53.2	4/16
10	13069540	Danielson Springs	Dry	4/16
11	13061610	Aberdeen-Springfield Canal	1.74	4/16
12	13069543	Artesian Springs	11.6	4/16
13	13069548	Sterling Waste	7.04	4/16
14	13069552	Colburn Waste	3.41	4/16
15	13069562	Aberdeen Waste	1.26	4/16
16	13076210	Tartar Waste	Dry	4/16
17	13076215	Schultz Creek	Dry	4/16
18	13076310	Center Creek	23.8	4/16
19	13076600	Reugar Springs	1.71	4/10
20	13075920	Wide Creek	1.30	4/10
21	13075925	Portneuf River at Newell	144	4/10
22	13075930	Portneuf River at Newell	1,020	4/13
23	13075935	Portneuf River at Newell	1.53	4/10
24	13075940	Portneuf River at Newell	80.4	4/11
25	13075945	Portneuf River at Newell	122	4/11
26	13075950	Portneuf River at Newell	4.21	4/11
27	13075955	Portneuf River at Newell	14.0	4/11
28	13075960	Portneuf River at Newell	506	4/11
29	13075965	Portneuf River at Newell	30.8	4/11
30	13075970	Portneuf River at Newell	22.1	4/11
31	13075975	Portneuf River at Newell	295	4/11

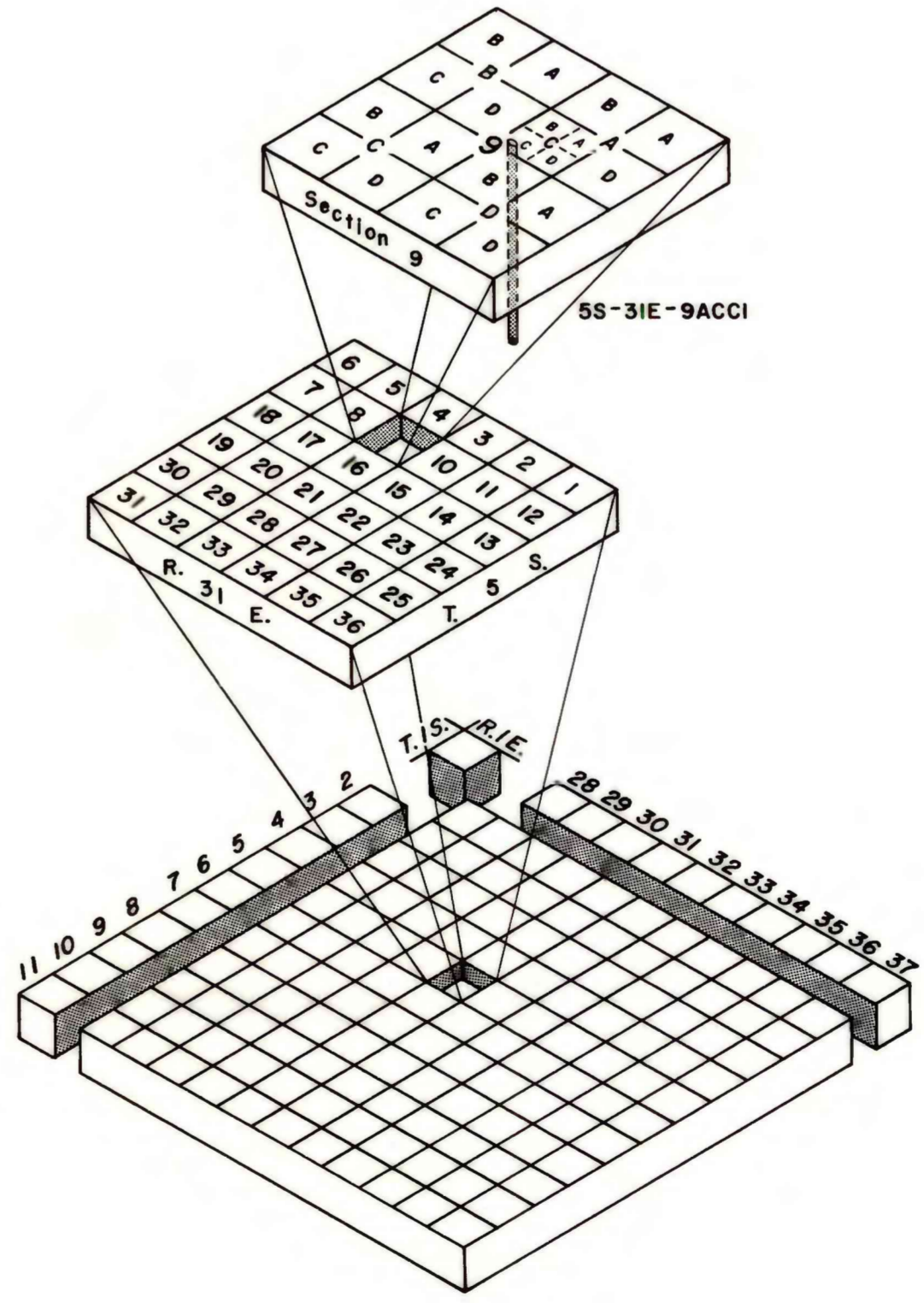
*Too deep to wade, no measurement made.

GAGING-STATION NUMBERING SYSTEM

Each gaging station and partial-record station has been assigned a number in downstream order in accordance with the permanent numbering system used by the U.S. Geological Survey. Numbers are assigned in a downstream direction along the main stream, and stations on tributaries between main stream stations are numbered in the order that the tributaries enter the main stream. A similar order is followed on other ranks of tributaries. The complete 8-digit number, 13075910, which is used for the station Portneuf River at Newell, includes the part number "13," indicating that the Portneuf River is in the Snake River basin, plus a 6-digit station number.

WELL-NUMBERING SYSTEM

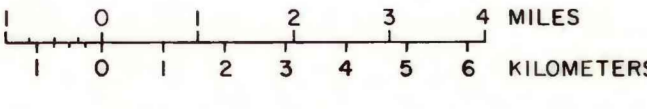
The well-numbering system used by the U.S. Geological Survey in Idaho indicates the location of wells within the official rectangular subdivision of the public lands, with reference to the Boise base line and meridian. The first two segments of the number designate the township and range. The third segment gives the section number, followed by three letters and a numeral, which indicate the ¼ section (160-acre tract), ¼-¼ section (40-acre tract), ¼-¼-¼ section (10-acre tract), and serial number of the well within the tract. Quarter sections are lettered A, B, C, and D in counterclockwise order from the northeast quarter of each section. Within quarter sections, 40-acre and 10-acre tracts are lettered in the same manner. Well 5S-31E-9AC11 is in the SW¼SW¼ sec. 9, T. 5 S., R. 31 E., and was the first well inventoried in that tract.



RECORDS OF WELLS

Well No.	Section and Township	Altitude of land surface (feet above level)	Reported depth of well (feet below surface)	Water level (feet below surface)	Date measured (1984)	Altitude of water surface (feet above level)
28 31E	10BDC1	4,772	390	356.62	4/17	4,415
28 31E	10BDC2	4,636	349	212.99	4/17	4,423
28 31E	11BDC1	4,585	162	162.36	4/17	4,423
28 31E	14BDC1	4,608	309	185.62	4/17	4,423
28 31E	20BDC1	4,613	194	166.07	3/27	4,419
28 31E	28BDC1	4,575	152	152.61	4/17	4,422
28 31E	33BDC1	4,560	137	137.95	4/17	4,422
28 31E	36BDC1	4,558	360	134.65	4/17	4,423
28 31E	36BDC2	4,597	285	171.94	4/15	4,425
28 31E	40BDC1	4,595	240	171.06	4/15	4,424
28 31E	15DCR1	4,546	240	120.80	4/16	4,425
28 31E	20BDC1	4,548	200	121.64	4/16	4,426
28 31E	25CWC1	4,480	136	57.83	4/16	4,422
28 31E	31BAA1	4,552	200	138.13	4/16	4,422
28 31E	34BDC1	4,495	115	70.37	4/16	4,425
28 31E	34BDC2	4,491	125	57.04	4/16	4,426
28 31E	34BDC3	4,489	150	66.31	4/16	4,424
28 31E	34BDC4	4,491	125	57.04	4/16	4,426
28 31E	34BDC5	4,489	150	66.31	4/16	4,424
28 31E	34BDC6	4,491	125	57.04	4/16	4,426
28 31E	34BDC7	4,489	150	66.31	4/16	4,424
28 31E	34BDC8	4,491	125	57.04	4/16	4,426
28 31E	34BDC9	4,489	150	66.31	4/16	4,424
28 31E	34BDC10	4,491	125	57.04	4/16	4,426
28 31E	34BDC11	4,489	150	66.31	4/16	4,424
28 31E	34BDC12	4,491	125	57.04	4/16	4,426
28 31E	34BDC13	4,489	150	66.31	4/16	4,424
28 31E	34BDC14	4,491	125	57.04	4/16	4,426
28 31E	34BDC15	4,489	150	66.31	4/16	4,424
28 31E	34BDC16	4,491	125	57.04	4/16	4,426
28 31E	34BDC17	4,489	150	66.31	4/16	4,424
28 31E	34BDC18	4,491	125	57.04	4/16	4,426
28 31E	34BDC19	4,489	150	66.31	4/16	4,424
28 31E	34BDC20	4,491	125	57.04	4/16	4,426
28 31E	34BDC21	4,489	150	66.31	4/16	4,424
28 31E	34BDC22	4,491	125	57.04	4/16	4,426
28 31E	34BDC23	4,489	150	66.31	4/16	4,424
28 31E	34BDC24	4,491	125	57.04	4/16	4,426
28 31E	34BDC25	4,489	150	66.31	4/16	4,424
28 31E	34BDC26	4,491	125	57.04	4/16	4,426
28 31E	34BDC27	4,489	150	66.31	4/16	4,424
28 31E	34BDC28	4,491	125	57.04	4/16	4,426
28 31E	34BDC29	4,489	150	66.31	4/16	4,424
28 31E	34BDC30	4,491	125	57.04	4/16	4,426
28 31E	34BDC31	4,489	150	66.31	4/16	4,424
28 31E	34BDC32	4,491	125	57.04	4/16	4,426
28 31E	34BDC33	4,489	150	66.31	4/16	4,424
28 31E	34BDC34	4,491	125	57.04	4/16	4,426
28 31E	34BDC35	4,489	150	66.31	4/16	4,424
28 31E	34BDC36	4,491	125	57.04	4/16	4,426
28 31E	34BDC37	4,489	150	66.31	4/16	4,424
28 31E	34BDC38	4,491	125	57.04	4/16	4,426
28 31E	34BDC39	4,489	150	66.31	4/16	4,424
28 31E	34BDC40	4,491	125	57.04	4/16	4,426
28 31E	34BDC41	4,489	150	66.31	4/16	4,424
28 31E	34BDC42	4,491	125	57.04	4/16	4,426
28 31E	34BDC43	4,489	150	66.31	4/16	4,424
28 31E	34BDC44	4,491	125	57.04	4/16	4,426
28 31E	34BDC45	4,489	150	66.31	4/16	4,424
28 31E	34BDC46	4,491	125	57.04	4/16	4,426
28 31E	34BDC47	4,489	150	66.31	4/16	4,424
28 31E	34BDC48	4,491	125	57.04	4/16	4,426
28 31E	34BDC49	4,489	150	66.31	4/16	4,424
28 31E	34BDC50	4,491	125	57.04	4/16	4,426
28 31E	34BDC51	4,489	150	66.31	4/16	4,424
28 31E	34BDC52	4,491	125	57.04	4/16	4,426
28 31E	34BDC53	4,489	150	66.31	4/16	4,424
28 31E	34BDC54	4,491	125	57.04	4/16	4,426
28 31E	34BDC55	4,489	150	66.31	4/16	4,424
28 31E	34BDC56	4,491	125	57.04	4/16	4,426
28 31E	34BDC57	4,489	150	66.31	4/16	4,424
28 31E	34BDC58	4,491	125	57.04	4/16	4,426
28 31E	34BDC59	4,489	150	66.31	4/16	4,424
28 31E	34BDC60	4,491	125	57.04	4/16	4,426
28 31E	34BDC61	4,489	150	66.31	4/16	4,424
28 31E	34BDC62	4,491	125	57.04	4/16	4,426
28 31E	34BDC63	4,489	150	66.31	4/16	4,424
28 31E	34BDC64	4,491	125	57.04	4/16	4,426
28 31E	34BDC65	4,489	150	66.31	4/16	4,424
28 31E	34BDC66	4,491	125	57.04	4/16	4,426
28 31E	34BDC67	4,489	150	66.31	4/16	4,424
28 31E	34BDC68	4,491	125	57.04	4/16	4,426
28 31E	34BDC69	4,489	150	66.31	4/16	4,424
28 31E	34BDC70	4,491	125	57.04	4/16	4,426
28 31E	34BDC71	4,489	150	66.31	4/16	4,424
28 31E	34BDC72	4,491	125	57.04	4/16	4,426
28 31E	34BDC73	4,489	150	66.31	4/16	4,424
28 31E	34BDC74	4,491	125	57.04	4/16	4,426
28 31E	34BDC75	4,489	150	66.31	4/16	4,424
28 31E	34BDC76	4,491	125	57.04	4/16	4,426
28 31E	34BDC77	4,489	150	66.31	4/16	4,424
28 31E	34BDC78	4,491	125	57.04	4/16	4,426
28 31E	34BDC79	4,489	150	66.31	4/16	4,424
28 31E	34BDC80	4,491	125	57.04	4/16	4,426
28 31E	34BDC81	4,489	150	66.31	4/16	4,424
28 31E	34BDC82	4,491	125	57.04	4/16	4,426
28 31E	34BDC83	4,489	150	66.31	4/16	4,424
28 31E	34BDC84	4,491	125	57.04	4/16	4,426
28 31E	34BDC85	4,489	150	66.31	4/16	4,424
28 31E	34BDC86	4,491	125	57.04	4/16	4,426
28 31E	34BDC87	4,489	150	66.31	4/16	4,424
28 31E	34BDC88	4,491	125	57.04	4/16	4,426
28 31E	34BDC89	4,489	150	66.31	4/16	4,424
28 31E	34BDC90	4,491	125	57.04	4/16	4,426
28 31E	34BDC91	4,489	150	66.31	4/16	4,424
28 31E	34BDC92	4,491	125	57.04	4/16	4,426
28 31E	34BDC93	4,489	150	66.31	4/16	4,424
28 31E	34BDC94	4,491	125	57.04	4/16	4,426
28 31E	34BDC95	4,489	150	66.31	4/16	4,424
28 31E	34BDC96	4,491	125	57.04	4/16	4,426
28 31E	34BDC97	4,489	150	66.31	4/16	4,424
28 31E	34BDC98	4,491	125	57.04	4/16	4,426
28 31E	34BDC99	4,489	150	66.31	4/16	4,424
28 31E	34BDC100	4,491	125	57.04	4/16	4,426

Base from Idaho Highway Department county highway maps 1:25,000



National Geodetic Vertical Datum of 1929

WATER-TABLE CONTOURS, DIRECTIONS OF GROUND-WATER MOVEMENT, AND MEASUREMENTS OF INFLOW TO AMERICAN FALLS RESERVOIR, SOUTHEASTERN IDAHO, APRIL 1984

By H.W. Young