

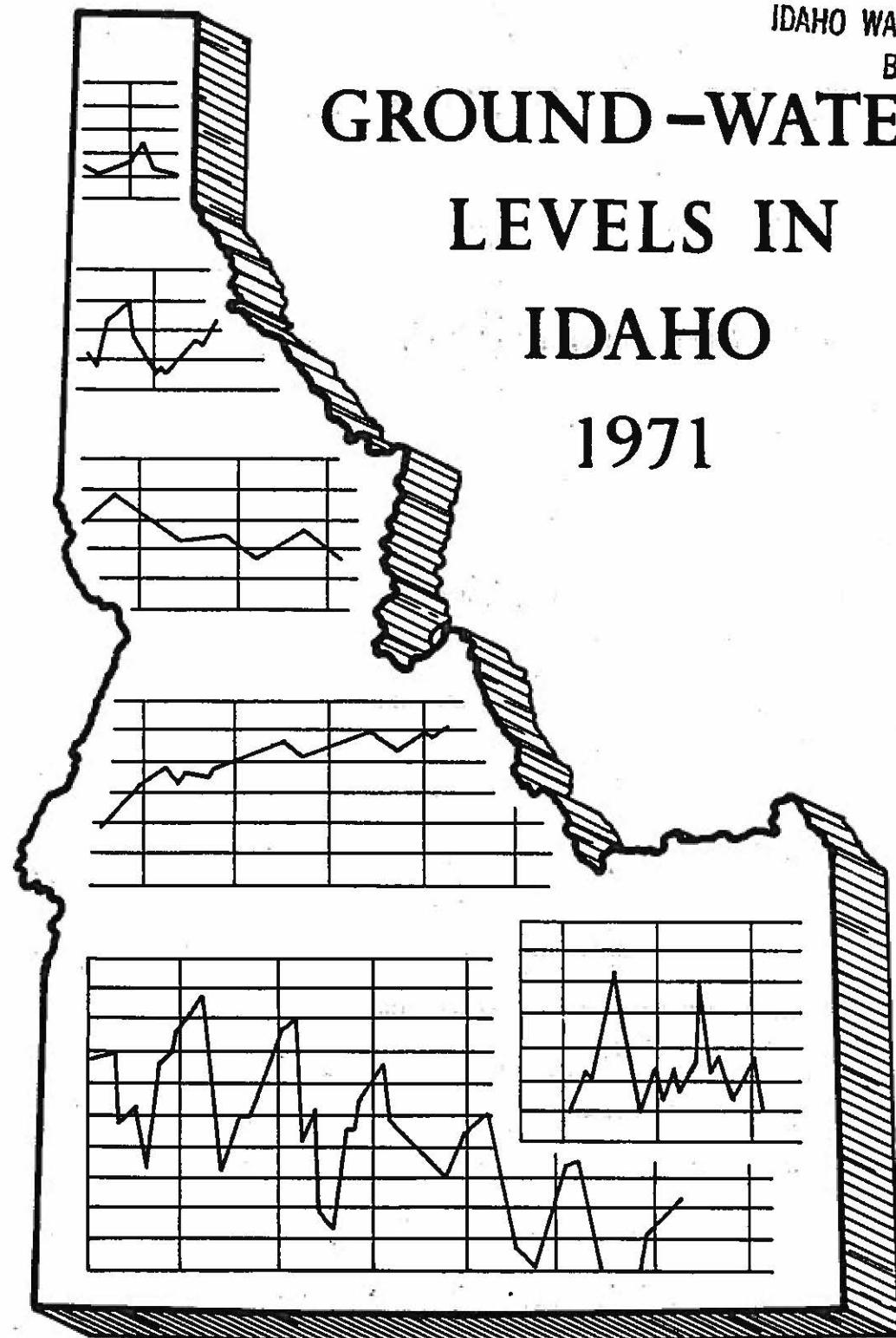
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BOARD

# GROUND-WATER LEVELS IN IDAHO 1971



IDAHO DEPARTMENT OF WATER ADMINISTRATION  
WATER INFORMATION BULLETIN NO. 24  
SEPTEMBER 1971

**WATER INFORMATION BULLETIN NO. 24**

**GROUND-WATER LEVELS IN IDAHO, 1971**

**Prepared by the United States Geological Survey**

**in cooperation with**

**Idaho Department of Water Administration**

**Published by**

**Idaho Department of Water Administration**

**R. Keith Higginson**

**Director**

**September 1971**

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## GROUND-WATER LEVELS IN IDAHO, 1971

### INTRODUCTION

Ground-water levels in Idaho, as measured in wells, vary considerably depending on the geographic location of the well, the aquifer from which the well produces water, the quantity and rate of withdrawal from or in the vicinity of the well, and the time of year when water-level measurements are made. Long-term declines or rises in ground-water levels may result from climatic changes or changes in quantities pumped per unit of time.

An observation-well network designed to monitor changes in ground-water levels in 423 selected wells distributed throughout Idaho is being maintained by the U. S. Geological Survey in cooperation with the Idaho Department of Water Administration. All water levels measured by the U. S. Geological Survey are reported to the hundredth of a foot, some measurements made by the other agencies are reported to the nearest foot or tenth of a foot. The data collected are for use by well owners, water users, water managers, and other interested parties.

The purpose of this annual report is to present maps showing the location of all network wells in Idaho, the water levels measured in those wells during the spring of 1971, water-level changes occurring in the wells between the spring of 1970 and the spring of 1971, and hydrographs representative of water-levels trends.

The locations of wells for which geophysical logs are available are shown on the area maps. Types of logs available include electrical resistivity and spontaneous potential, gamma-ray, caliper, and conductivity. These logs provide information on the types of rock penetrated by the well, the diameter of the drilled hole or casing, and on the quality of the water in the well.

Water-level measurements for periods of record prior to this report and information on geophysical logs are available from the U. S. Geological Survey, Boise, Idaho.

To facilitate presentation of the water-level data contained in this report, the state is divided into the small areas shown in figure 1. These are the same areas used by the Idaho Department of Water Administration for administration of water rights. Those areas containing observation wells are listed below:

Area	Page
11 — Bear River above Alexander	6
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51 — Bruneau River	54
57 — Grand View to Homedale	56
61 — Mountain Home	60
63 — Boise River	62
65 — Payette River	66
67 — Weiser River	68
85 — Camas Prairie-Lewiston	70
87 — Palouse River	72
95 — Lake Coeur d'Alene-Rathdrum Prairie	74
96 — Pend Oreille	76

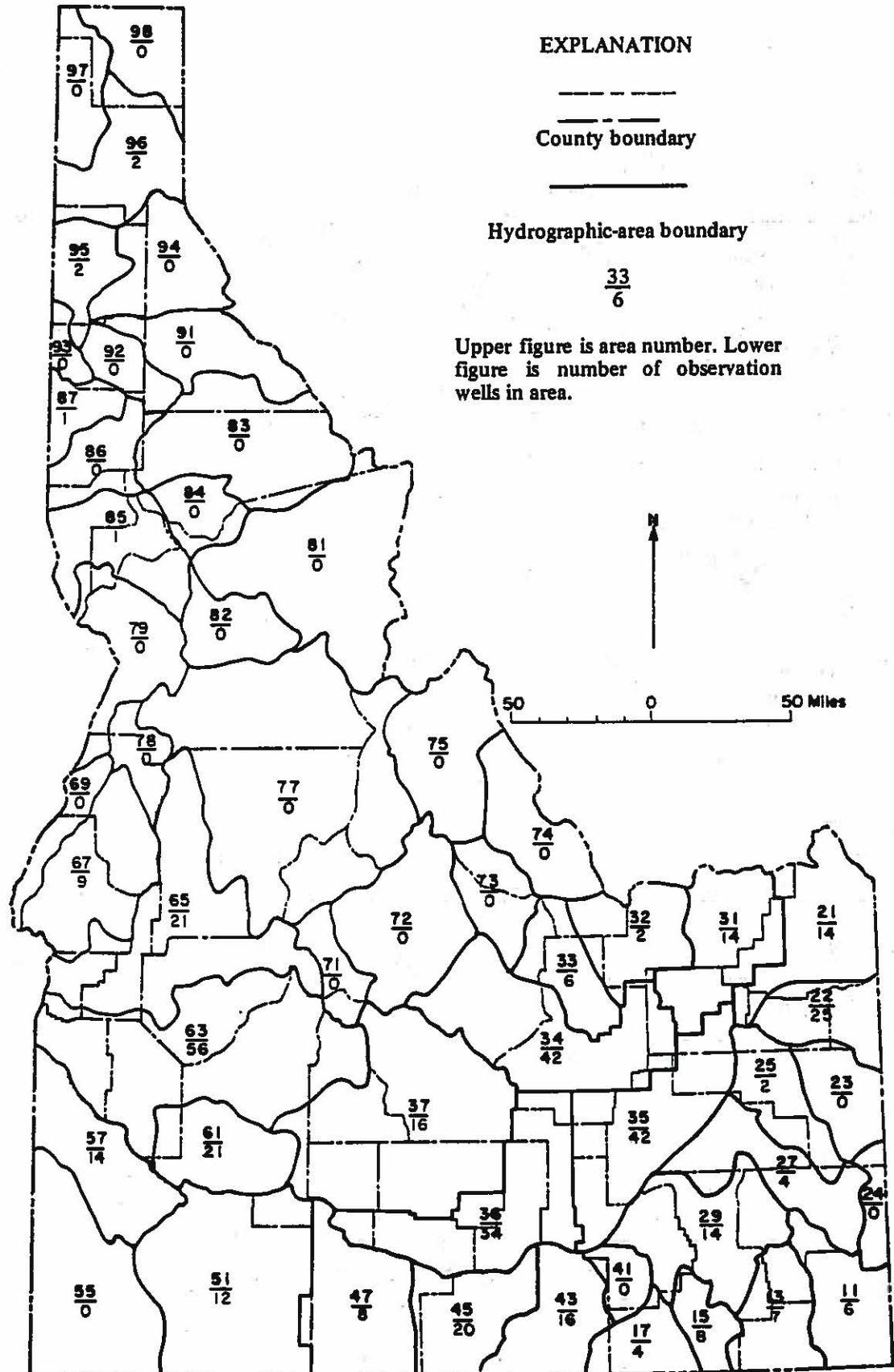
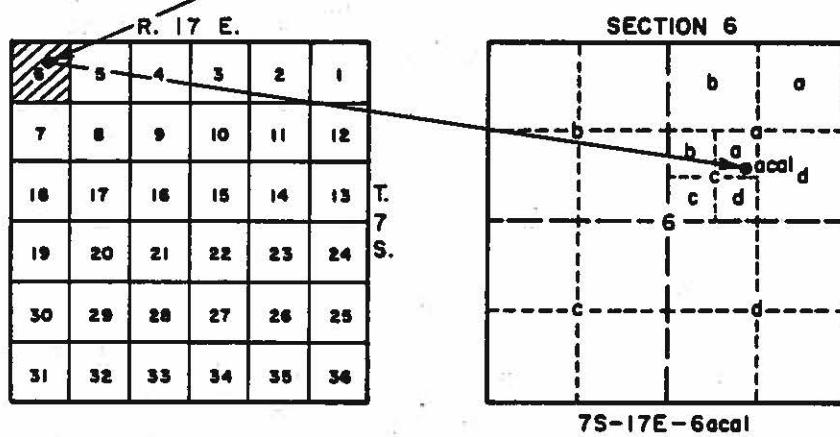
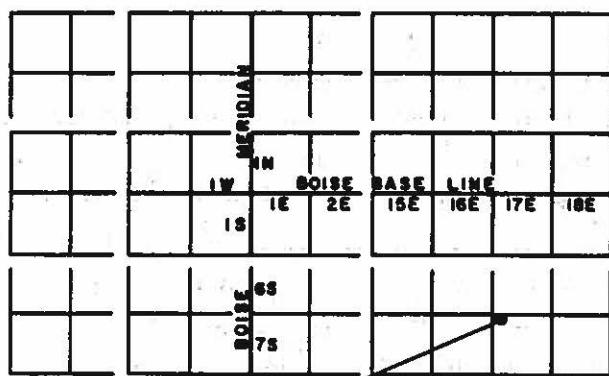


Figure 1.—Map of Idaho showing area used in this report.

## WELL-NUMBERING SYSTEM

The well-numbering system used by the Geological Survey in Idaho indicates the location of wells within the official rectangular subdivisions of the public lands, with reference to the Boise base line and meridian. The first segment of a well number indicates the township, the second the range, and the third the section in which the well is situated. The lower case letters following the section number indicate the well location within the section: the first letter denotes the 160-acre tract, the second the 40-acre tract, and third the 10-acre tract in which the well occurs. The letters are assigned in a counterclockwise direction, beginning in the northeast quarter. Thus well 7S 17E 6ac1 is in the NE $\frac{1}{4}$  SW $\frac{1}{4}$  NE $\frac{1}{4}$  Section 6, Township 7 South, Range 17 East. The last numeral of the well number is the serial number of the well within the 10-acre tract.



**FIGURE 2.** – Diagram illustrating well-numbering system.  
(Using well 7S-17E-6acal).

## EXPLANATION

$0 +3$   
12ddb1

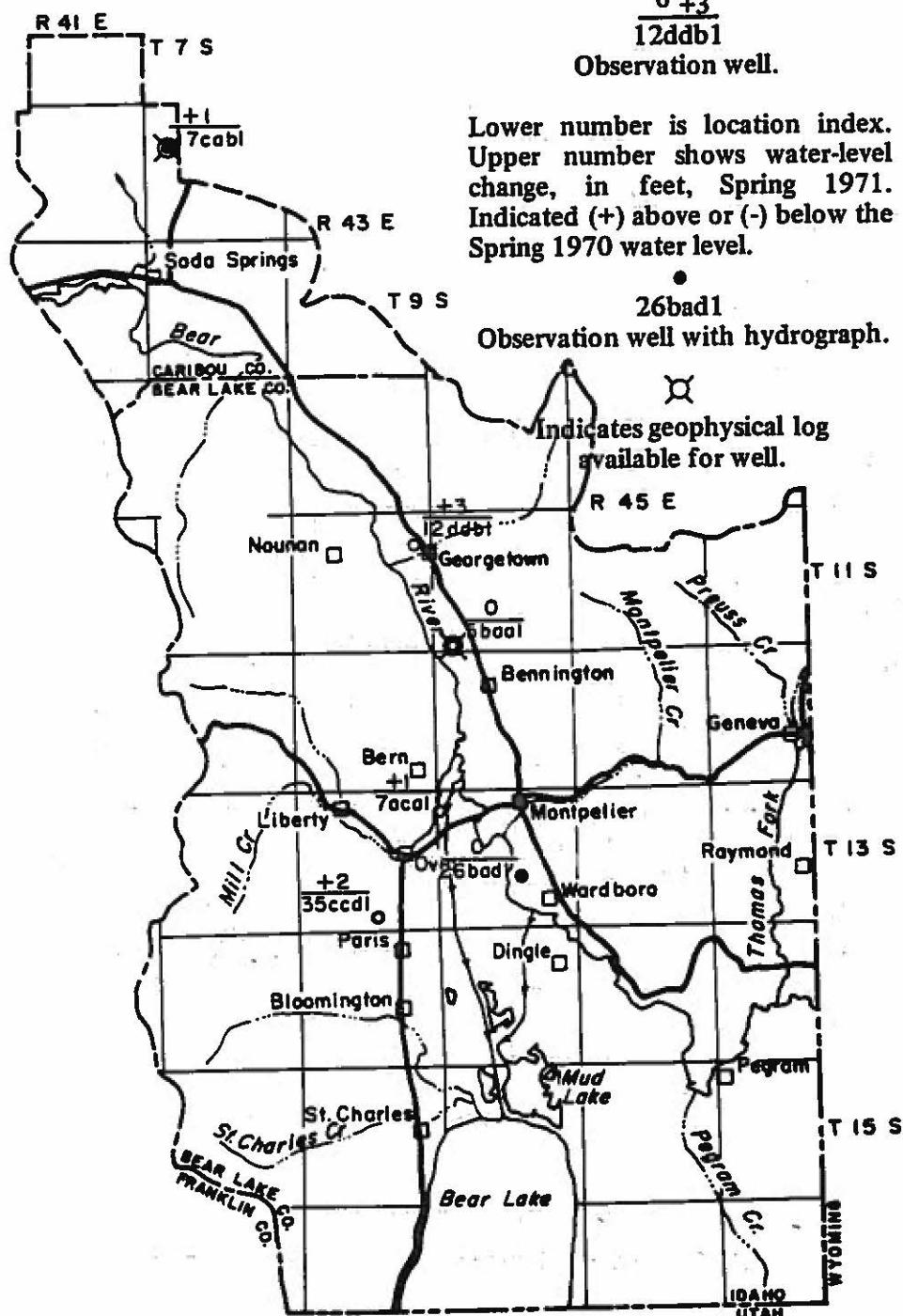
Observation well.

Lower number is location index.  
Upper number shows water-level  
change, in feet, Spring 1971.  
Indicated (+) above or (-) below the  
Spring 1970 water level.

26bad1

Observation well with hydrograph.

Indicates geophysical log  
available for well.



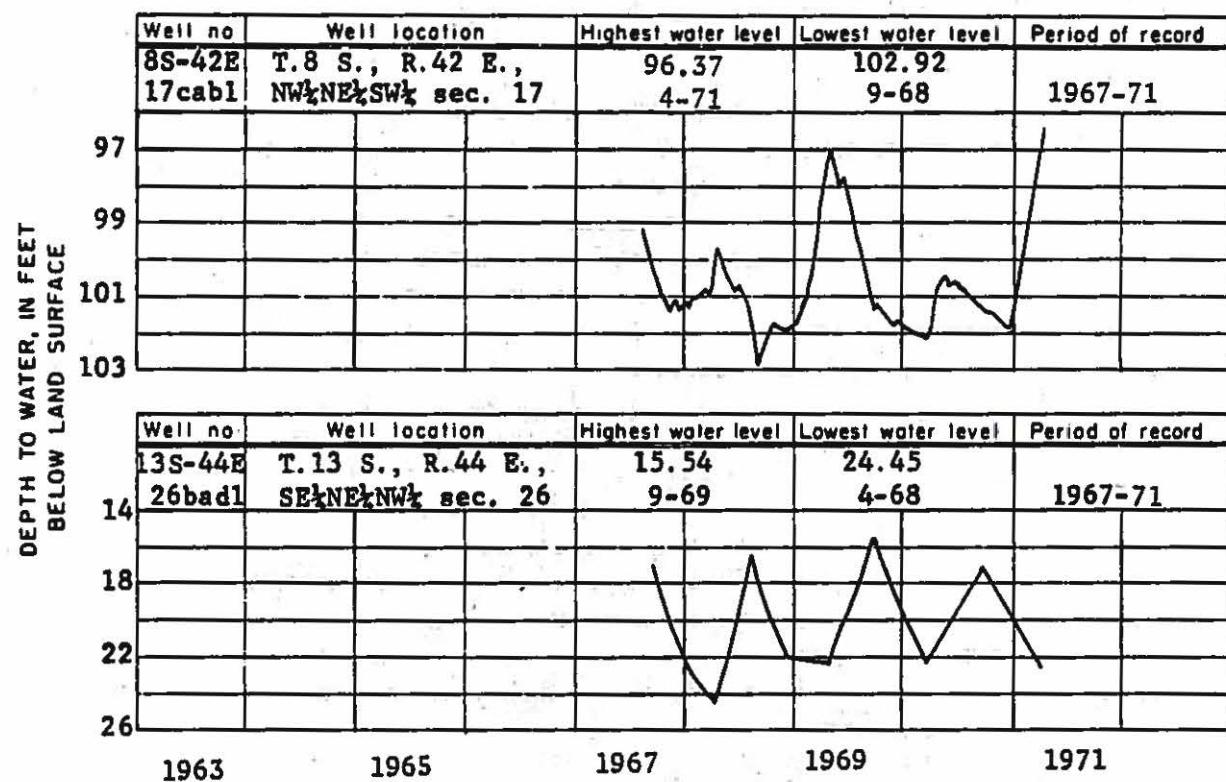
Base from U. S. Geological Survey, Idaho 1968

0 5 10 Miles

Observation wells and water-level data in area 11 - Bear River above Alexander.

Well number	Depth	Date	Water level	Well number	Depth	Date	Water level
8S-42E-17cab1	119	4-23-71	96.37	13S-43E-35ccdl	500	3-24-71	17.10
11S-43E-12ddbl	27	4-23-71	16.30	13S-44E-7acal	32	3-24-71	8.81
12S-44E-5baal	311	4-23-71	40.06	13S-44E-26bad1	170	3-24-71	22.44

Water levels, in feet below land surface, in area 11.



Representative water-level changes in area 11.

## EXPLANATION

$\frac{0+1}{13acb1}$

Observation well.

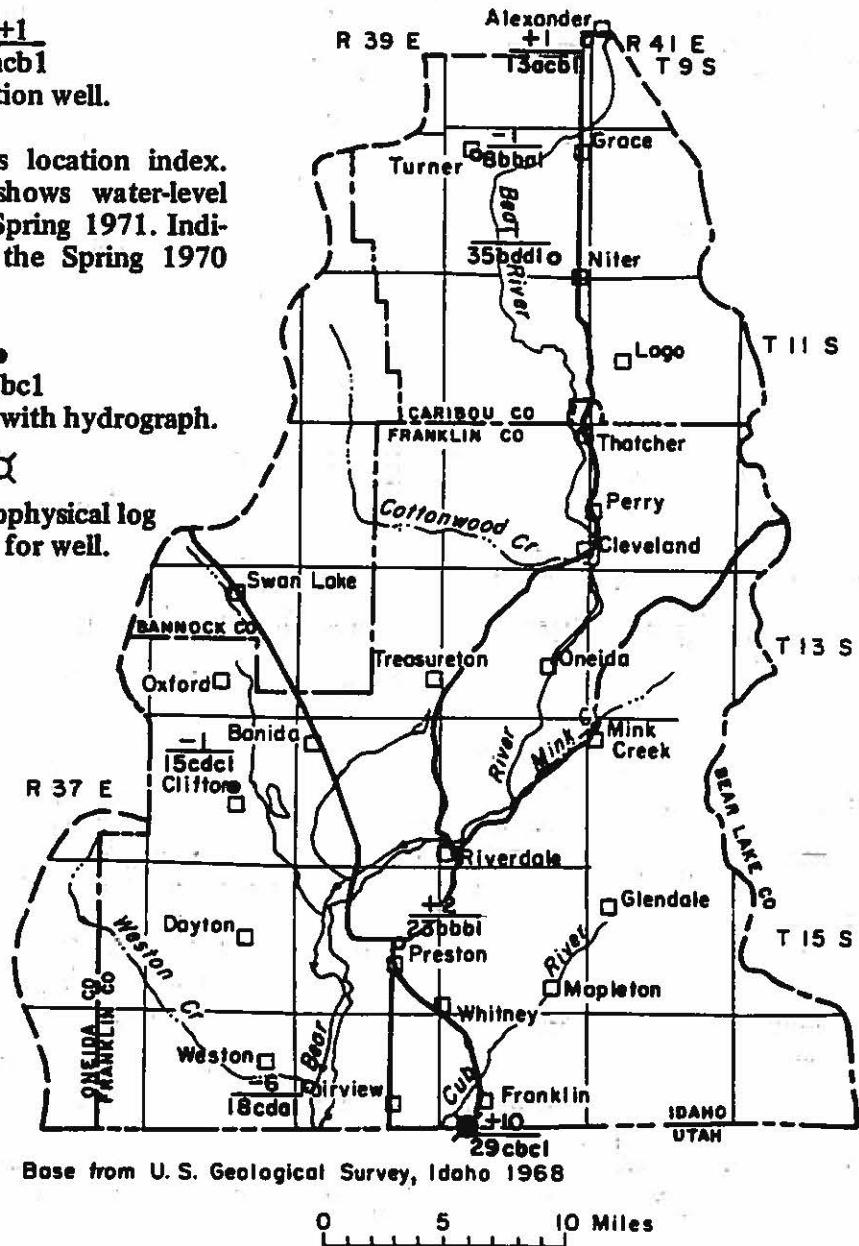
Lower number is location index.  
Upper number shows water-level change, in feet, Spring 1971. Indicated (-) below the Spring 1970 water level.

•  
29cbc1

Observation well with hydrograph.



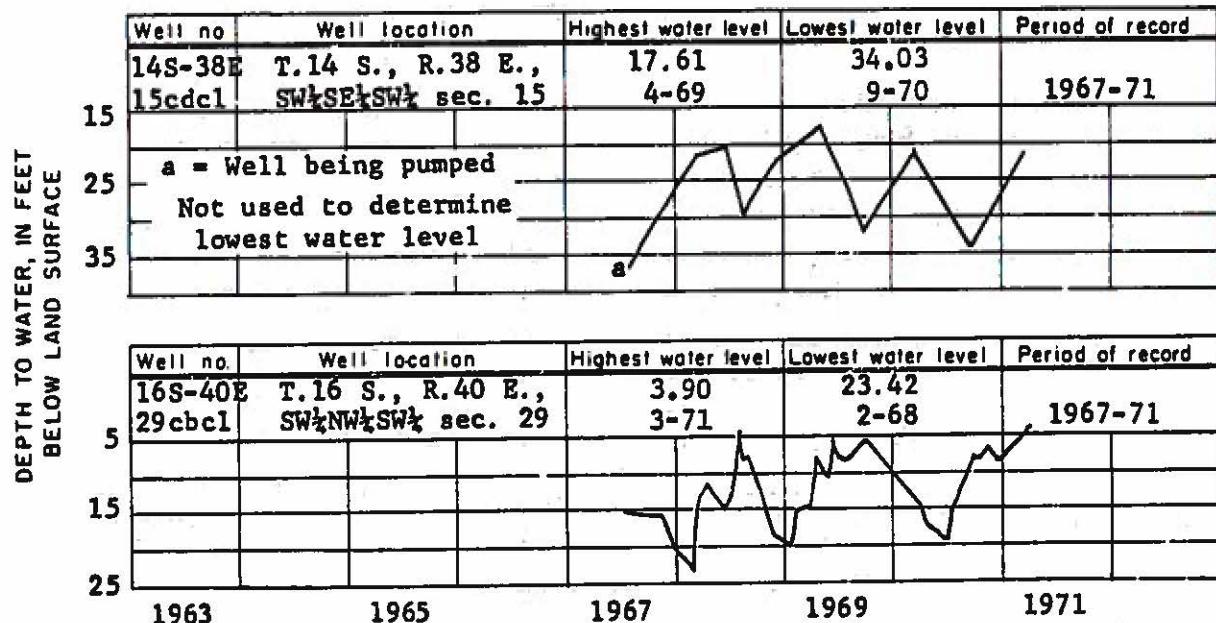
Indicates geophysical log  
available for well.



Observation wells and water-level data in area 13 - Bear River-Alexander to state line.

Well number	Depth	Date	Water level	Well number	Depth	Date	Water level
9S-40E-13acbl	303	3-24-71	267.24	15S-39E-23bbbl	11	3-23-71	0.95
10S-40E- 8bbal	300	3-24-71	52.78	16S-39E-18cdal	462	3-23-71	27.63
10S-40E-35bddl	90	3-24-71	65.34	16S-40E-29cbcl	82	3-23-71	3.90
14S-38E-15cdcl	200	3-23-71	21.37				

Water levels, in feet below land surface, in area 13.



Representative water-level changes in area 13.

## EXPLANATION

$\frac{0}{29cab1} +1$

Observation well.

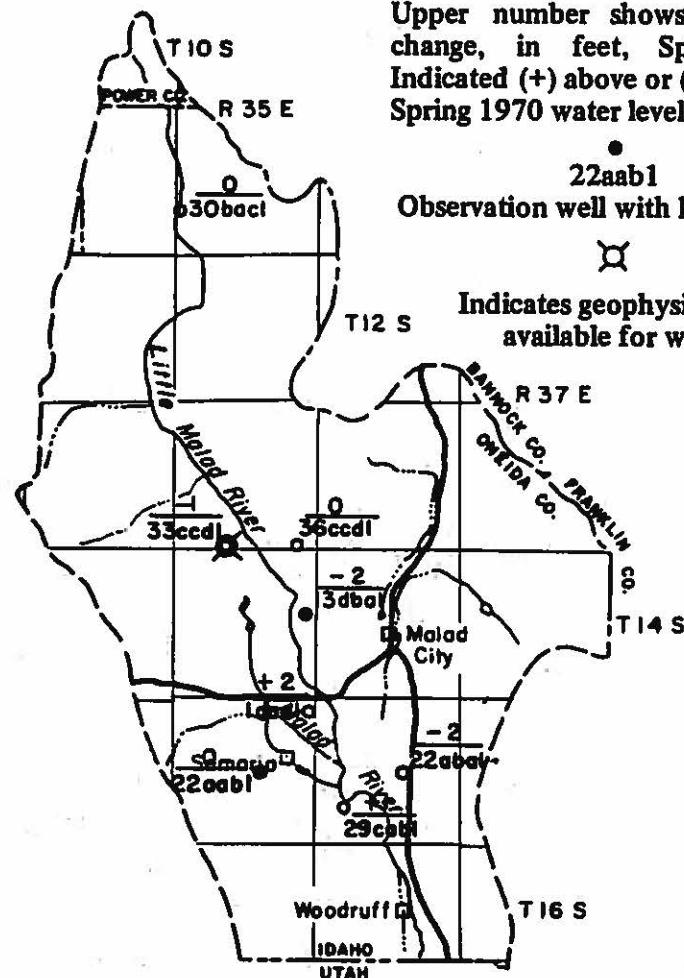
Lower number is location index.  
Upper number shows water-level  
change, in feet, Spring 1971.  
Indicated (+) above or (-) below the  
Spring 1970 water level.

• 22aab1

Observation well with hydrograph.



Indicates geophysical log  
available for well.



Base from U. S. Geological Survey, Idaho 1968

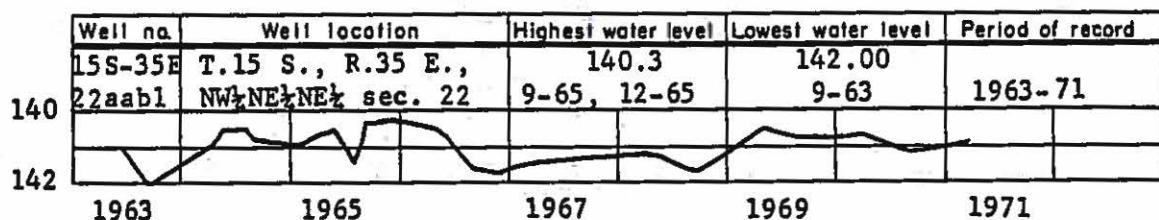
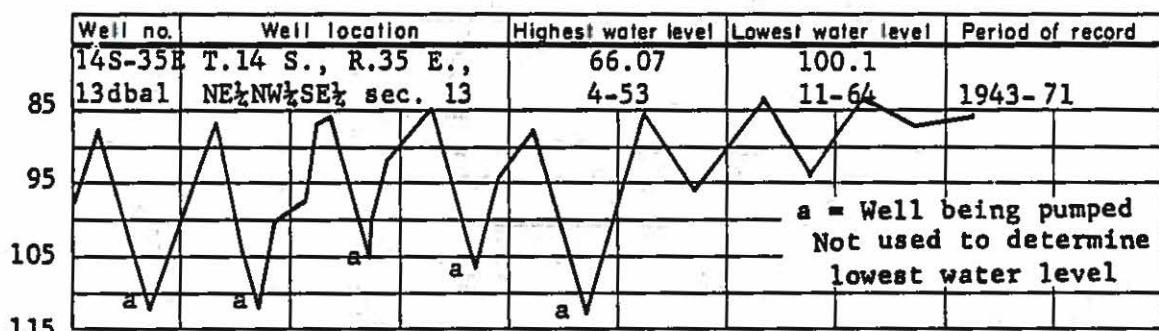
0      5      10 Miles

Observation wells and water-level data in area 15 - Malad River.

Well number	Depth	Date	Water level	Well number	Depth	Date	Water level
11S-35E-30bac1	200	4-23-71	24.74	15S-35E- 1daa1	275	3-23-71	+17.70
13S-35E-33ccdl	328	3-23-71	295.50	15S-35E-22aab1	229	3-23-71	140.89
13S-35E-36ccdl	131	3-23-71	84.27	15S-36E-22aba1	101	3-23-71	+17.90
14S-35E-13dbal	289	3-23-71	85.69	15S-36E-29cab1	270	3-23-71	+9.60

Water levels, in feet below or above (+) land surface, in area 15.

DEPTH TO WATER, IN FEET BELOW LAND SURFACE



Representative water-level changes in area 15.

## EXPLANATION

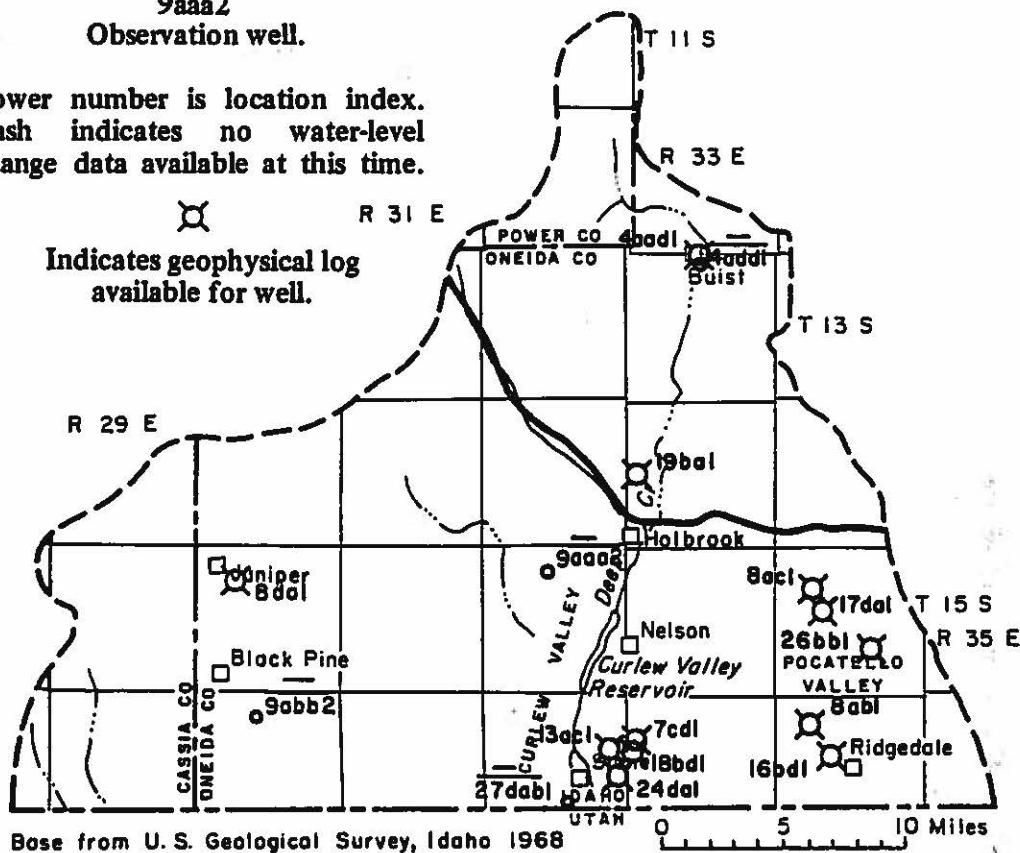
0  
9aaa2

Observation well.

Lower number is location index.  
Dash indicates no water-level  
change data available at this time.



Indicates geophysical log  
available for well.



Base from U.S. Geological Survey, Idaho 1968

Observation wells and water-level data in area 17 - Great Salt Lake (Curlew Valley).

Well number	Depth	Date	Water level	Well number	Depth	Date	Water level
13S-33E- 4add1	146	3-22-71	69.66	16S-30E- 9abb2	485	3-22-71	72.43
15S-32E- 9aaa2	270	3-22-71	211.50	16S-32E-27dabl	230	3-22-71	19.60

Water levels, in feet below land surface, in area 17.

**EXPLANATION**

$\frac{0+2}{8ddd1}$

Observation well.

Lower number is location index.  
Upper number shows water-level  
change, in feet, Spring 1971. Indi-  
cated (+) above or (-) below the  
Spring 1970 water level.

•  
23dbal

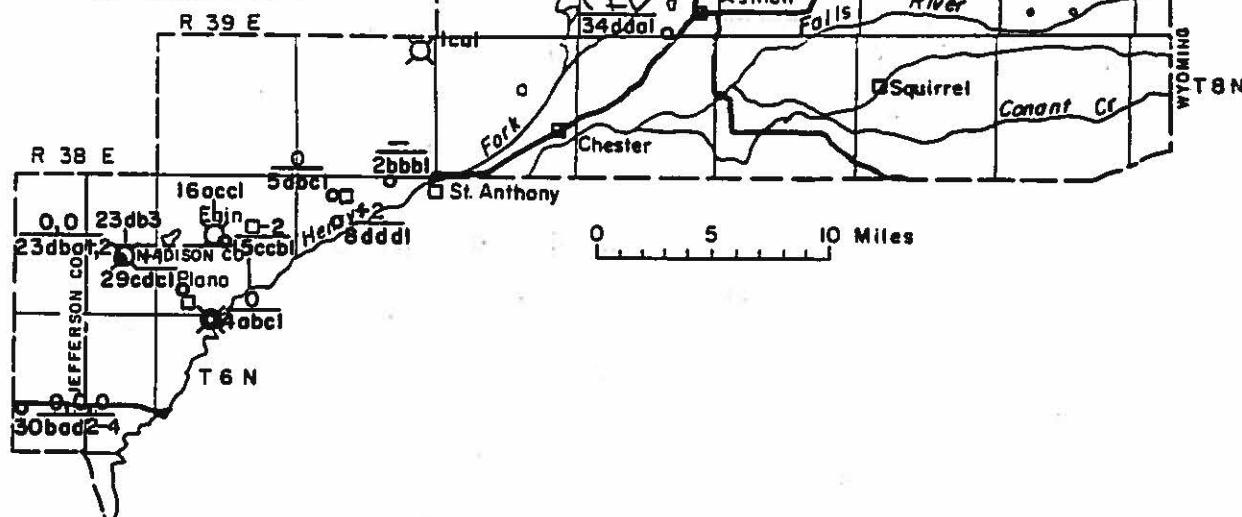
Observation well with hydrograph.

$\frac{0-}{8bca1}$

Dash indicates no figure available.



Indicates geophysical log  
available for well.



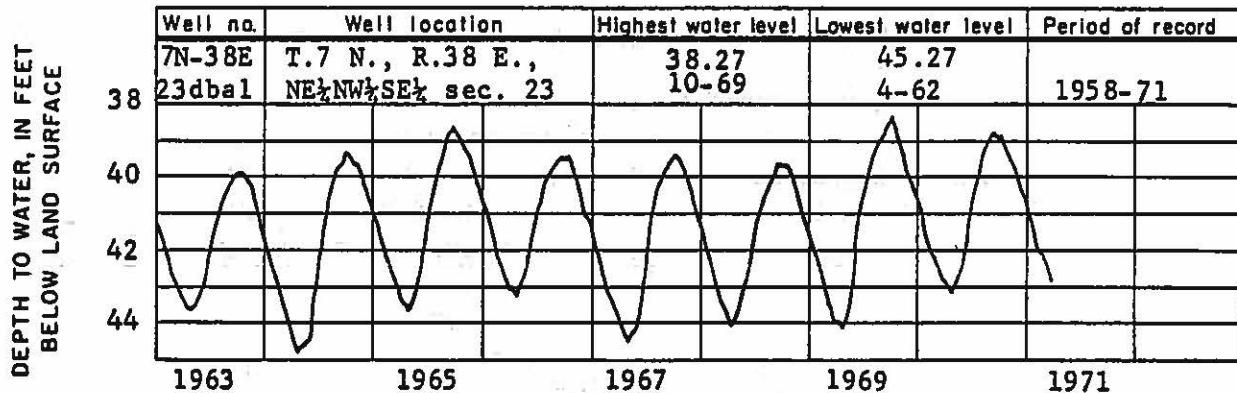
Base from U. S. Geological Survey, Idaho 1968

Observation wells and water-level data in area 21 - Henry's Fork.

Well number	Depth	Date	Water level	Well number	Depth	Date	Water level
14N-43E- 2aac1	125	5-22-71	83.29	7N-40E- 2bbbb1	213	3-23-71	b119.97
13N-41E- 8bc1	-	5-22-71	32.92	7N-40E- 5dbc1	39	3-23-71	11.93
9N-42E-34dd1	110	3-23-71	11.61	7N-40E- 8ddd1	24	3-23-71	18.19*
7N-38E-23dba1	236	3-20-71	42.73	6N-38E-30bad2	308	3-23-71	90.22
7N-38E-23dba2	152	3-23-71	37.85	6N-38E-30bad3	543	3-23-71	85.44
7N-39E-15ccb1	39	3-23-71	23.07	6N-38E-30bad4	638	3-23-71	86.07
7N-39E-29cd1	29	3-23-71	14.02	6N-39E- 4abc1	199	3-23-71	14.84

b Well pumped recently.

Water levels, in feet below land surface, in area 21.



Representative water-level changes in area 21.

## EXPLANATION

0 0

16daa1

Observation well.

0 -

10bbb1

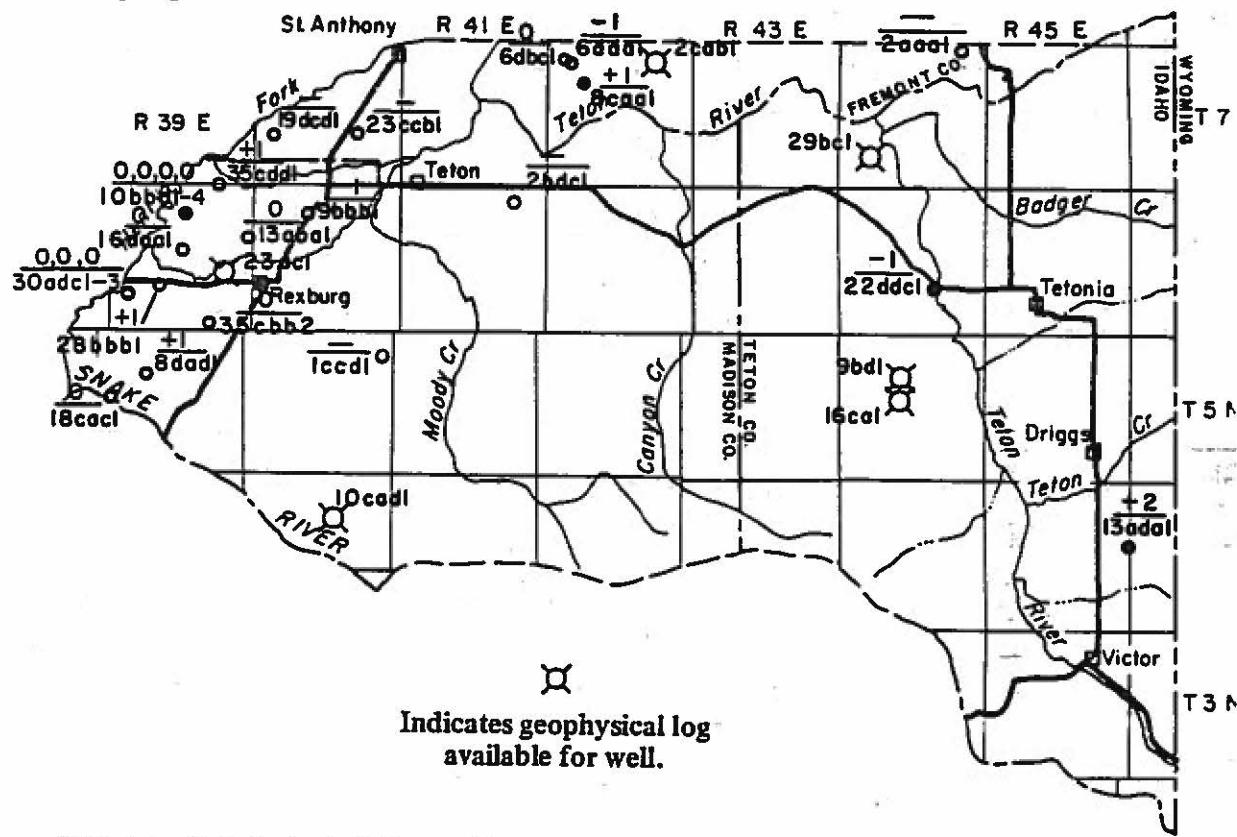
Observation well with hydrograph.

Lower number is location index.  
Upper number shows water-level  
change, in feet, Spring 1971. In-  
dicated (+) above or (-) below  
the Spring 1970 water level.

0 -

23ccb1

Dash indicates no figure available.



Base from U. S. Geological Survey, Idaho 1968

0      5      10 Miles

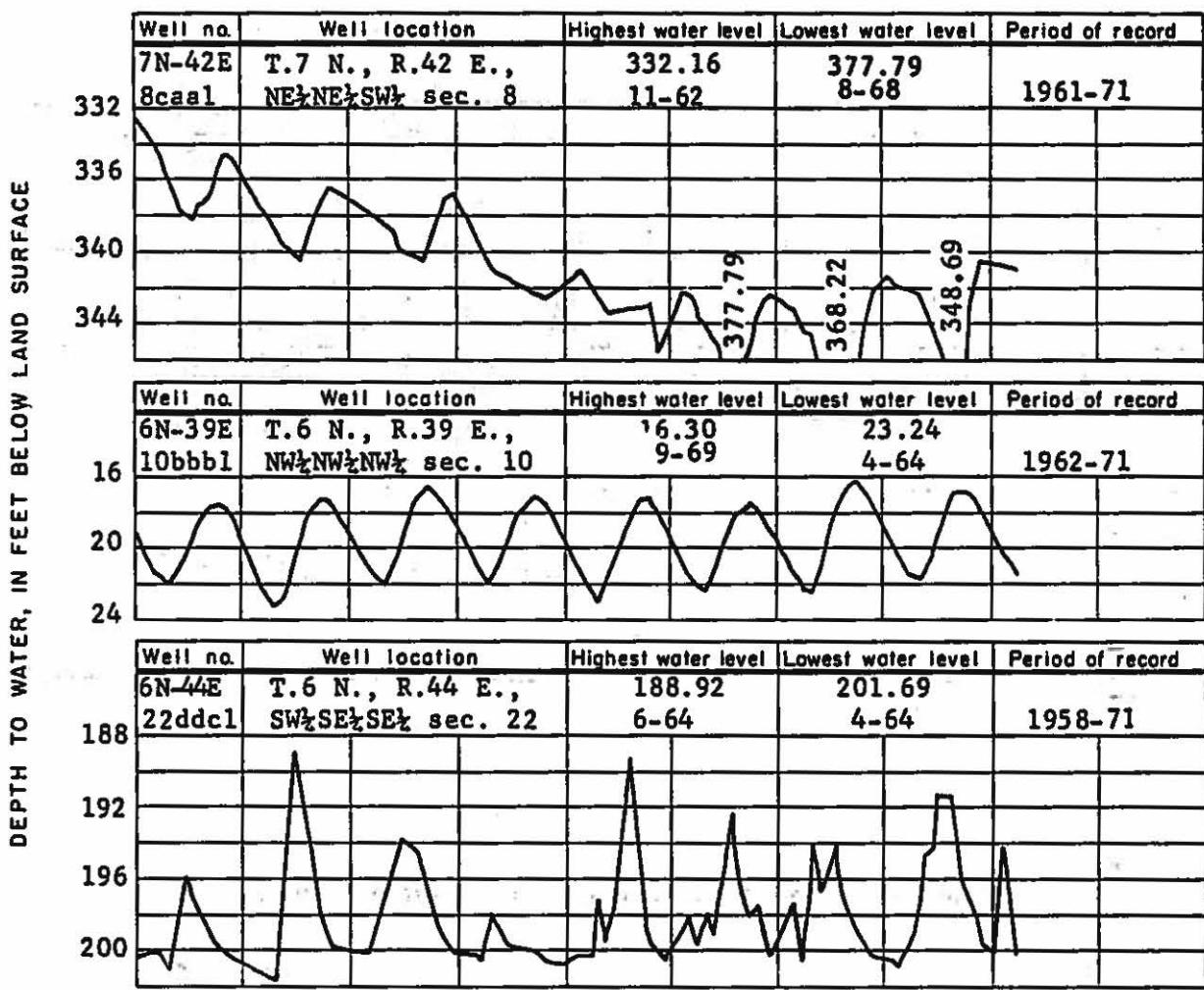
Observation wells and water-level data in area 22 - Teton River.

Well number	Depth	Date	Water level	Well number	Depth	Date	Water level
7N-39E-35cdd1	24	3-23-71	5.90	6N-39E-28bbbb1	26	4- 2-71	9.44
7N-40E-19dccl1	29	3-23-71	m11.15	6N-39E-30adc1	297	4- 2-71	5.25
7N-40E-23ccbl1	50	3-23-71	(f)	6N-39E-30adc2	620	4- 2-71	7.63
7N-42E- 6dbc1	700	4- 2-71	241.63	6N-39E-30adc3	700	4- 2-71	6.52
7N-42E- 6ddal1	910	4- 2-71	270.90	6N-39E-35cbb2	27	4- 2-71	9.16
7N-42E- 8caal1	800	4- 2-71	341.07	6N-40E- 9bbbb1	24	3-23-71	16.67
7N-44E- 2aaal1	-	3-23-71	124.19	6N-41E- 2bdcl1	350	4-20-71	275.47
6N-39E-10bbbb1	260	3-23-71	21.27	6N-44E-22ddcl1	258	3-11-71	200.33
6N-39E-10bbbb2	317	3-23-71	21.32	5N-39E- 8dad1	28	4- 2-71	7.08
6N-39E-10bbbb3	545	3-23-71	21.26	5N-39E-18cacl1	336	4- 2-71	+.93
6N-39E-10bbbb4	637	3-23-71	18.28	5N-40E- 1ccdl1	700	4-20-71	446.53
6N-39E-13ab1	30	3-23-71	17.47	4N-45E-13adal1	304	3-11-71	198.95
6N-39E-16daal1	27	3-23-71	11.66				

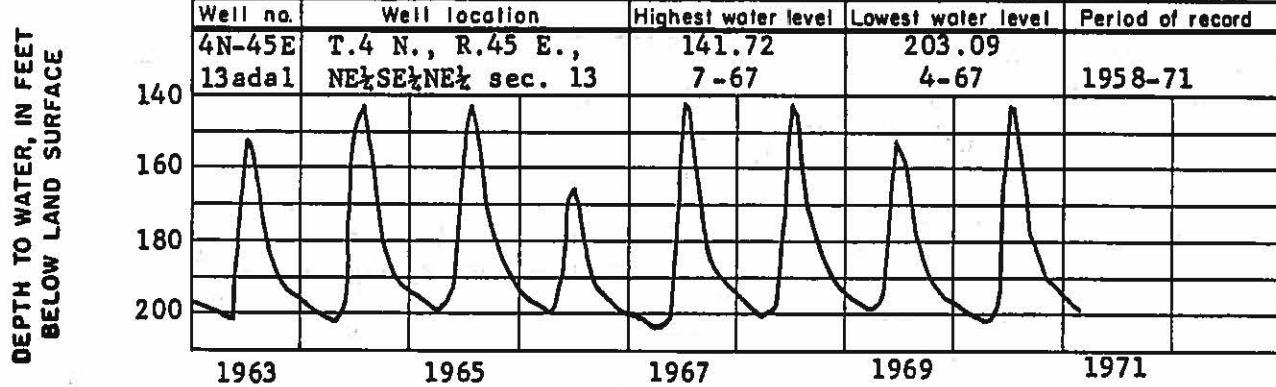
m Obstruction in well above surface.

f Dry.

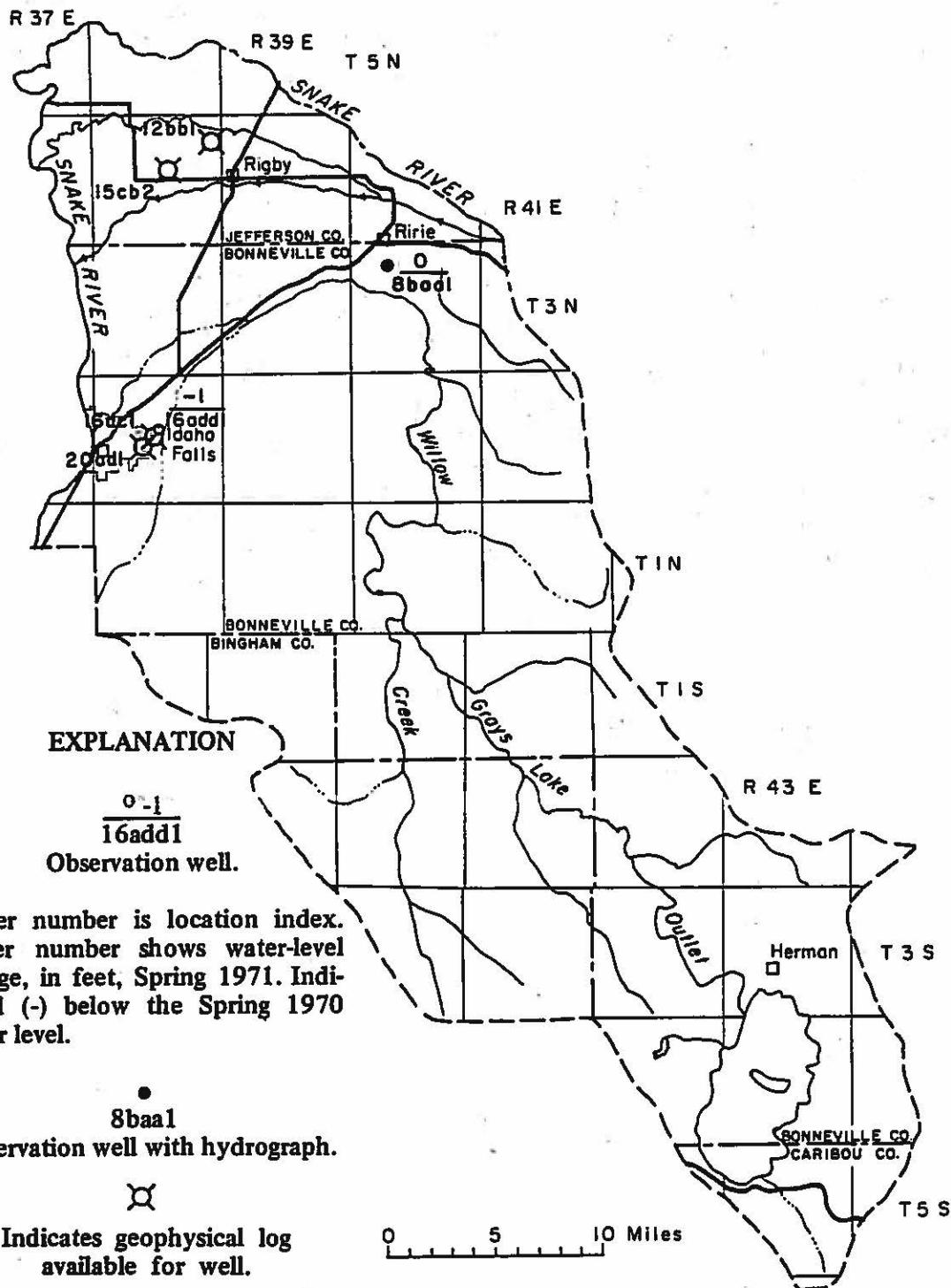
Water levels, in feet below or above (+) land surface, in area 22.



Representative water-level changes in area 22.



Representative water-level changes in area 22.

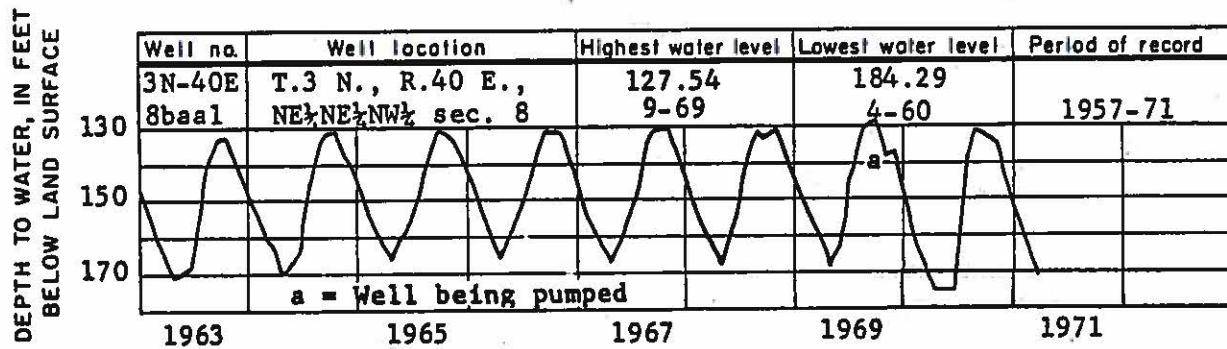


Base from U. S. Geological Survey, Idaho 1968

Observation wells and water-level data in area 25 - Willow Creek.

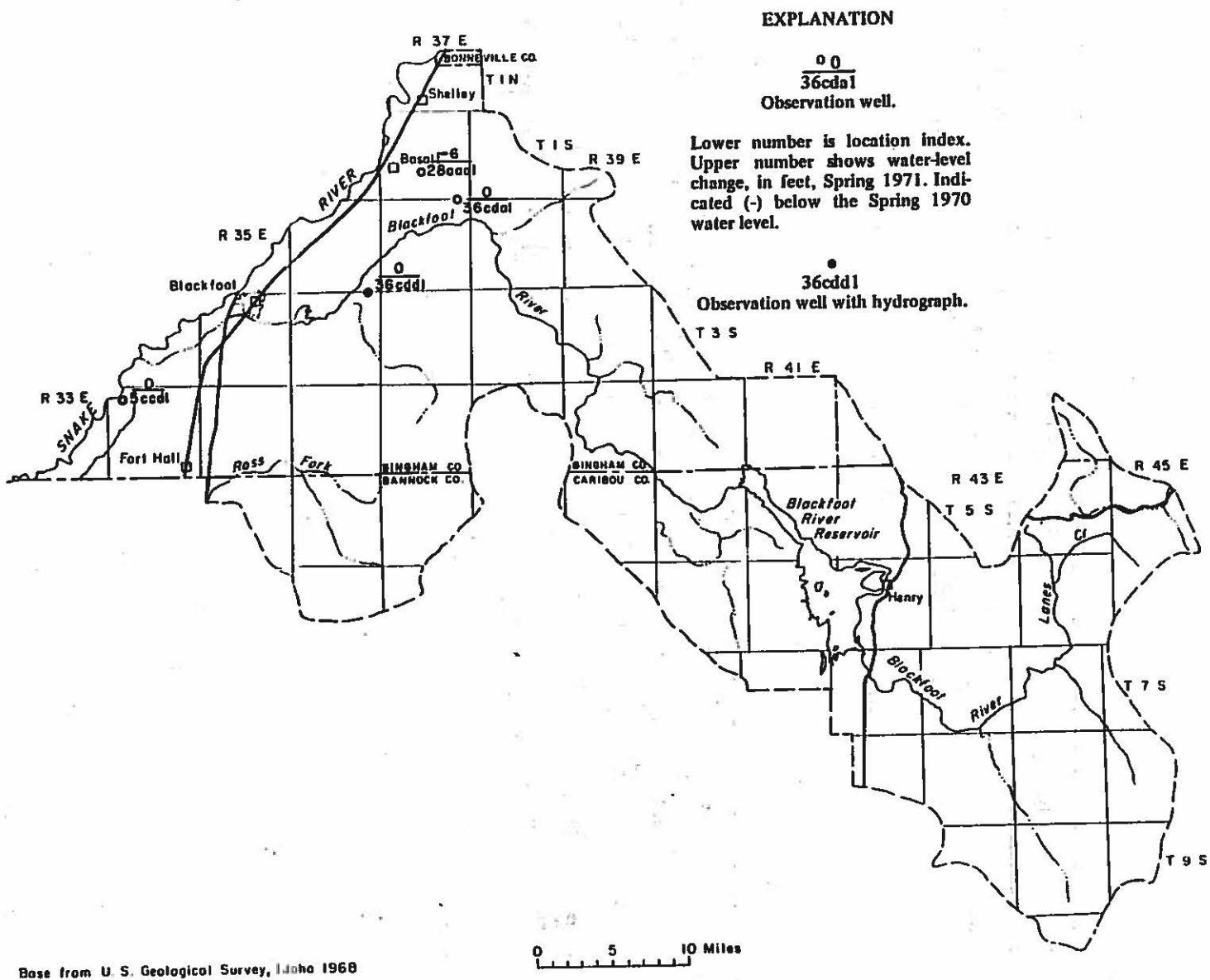
Well number	Depth	Date	Water level	Well number	Depth	Date	Water level
3N-40E- 8baal	425	3-24-71	170.40	2N-38E-16add1	225	4- 2-71	123.14

Water levels, in feet below land surface, in area 25.



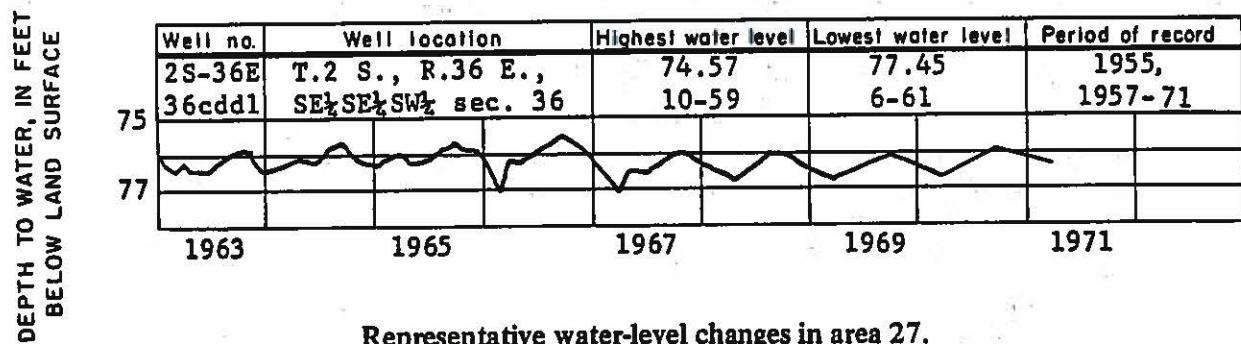
Representative water-level changes in area 25.

Observation wells and water-level data in area 27 - Blackfoot River.



Well number	Depth	Date	Water level	Well number	Depth	Date	Water level
1S-37E-28aaal	62	3-25-71	49.78	2S-36E-36cdd1	98	3-25-71	76.35
1S-37E-36cdal	415	3-25-71	244.46	4S-34E- 5ccdl	31	3-25-71	3.73

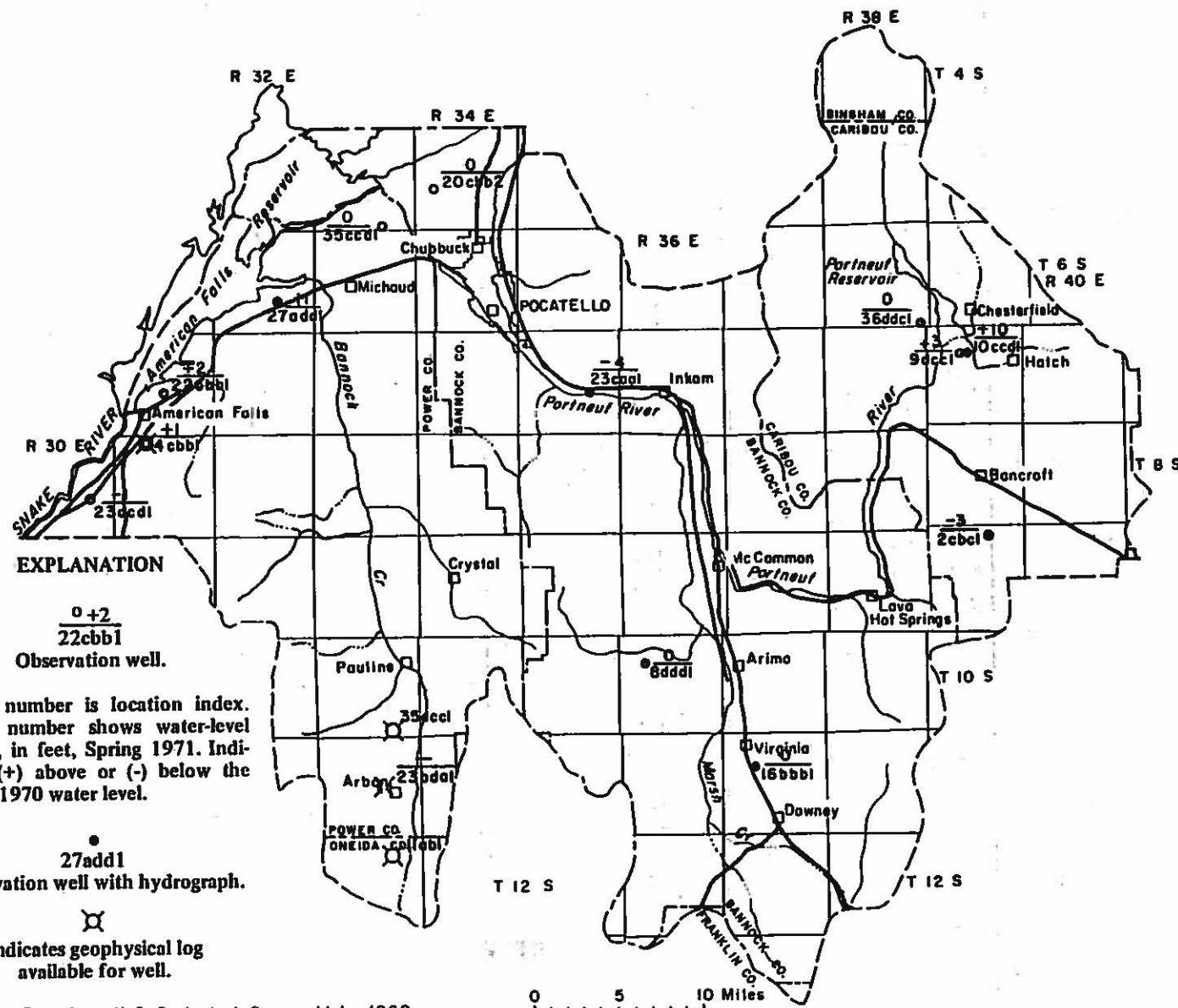
Water levels, in feet below land surface, in area 27.



Representative water-level changes in area 27.

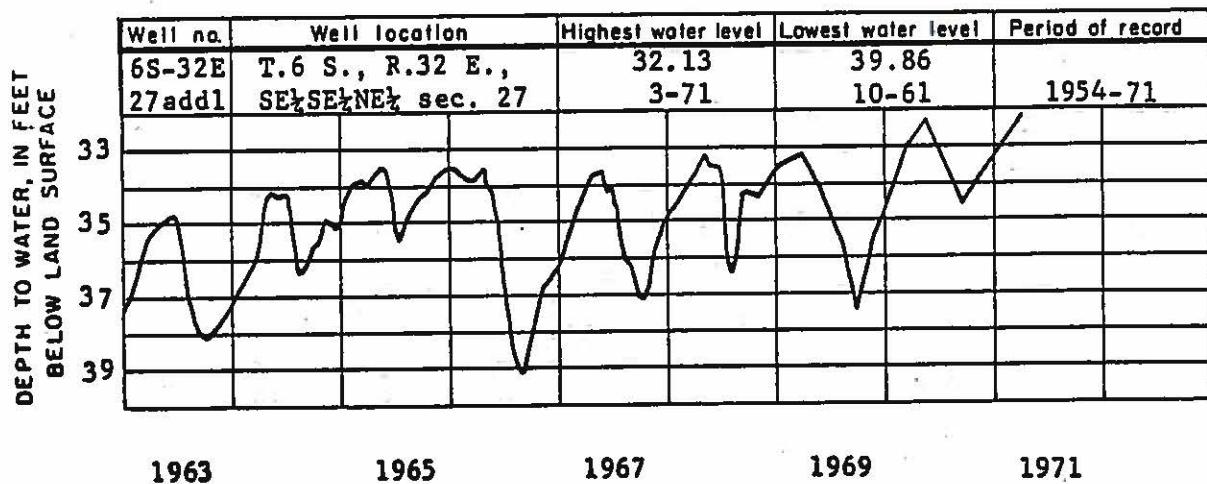
Observation wells and water-level data in area 29 - Portneuf River.

24

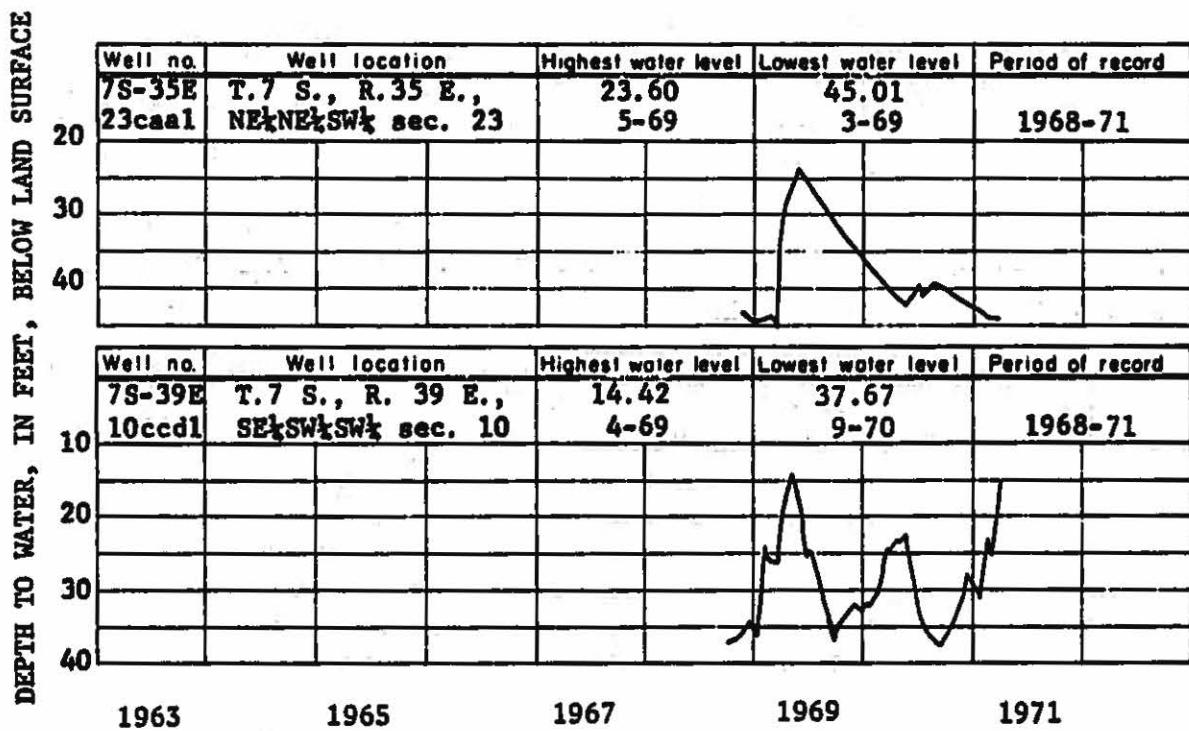


Well number	Depth	Date	Water level	Well number	Depth	Date	Water level
5S-33E-35ccdl	60	3-24-71	24.25	7S-39E-10ccdl	68	3-30-71	15.06
5S-34E-20ccb2	155	3-24-71	51.91	8S-30E-23dcdl	273	5-11-71	210.78
6S-32E-27addl	63	3-24-71	32.13	8S-31E- 4ccb1	277	3-26-71	238.02
6S-38E-36ddcl	64	3-20-71	3.62	9S-39E- 2cbcl	96	3-20-71	84.11
7S-31E-22ccb1	104	3-24-71	55.30	10S-36E- 8ddd1	216	3-31-71	67.66
7S-35E-23caa1	86	3-29-71	43.72	11S-33E-23bdal	76	3-22-71	25.50
7S-39E- 9decl	125	3-30-71	20.59	11S-37E-16bbb1	65	3-31-71	13.80

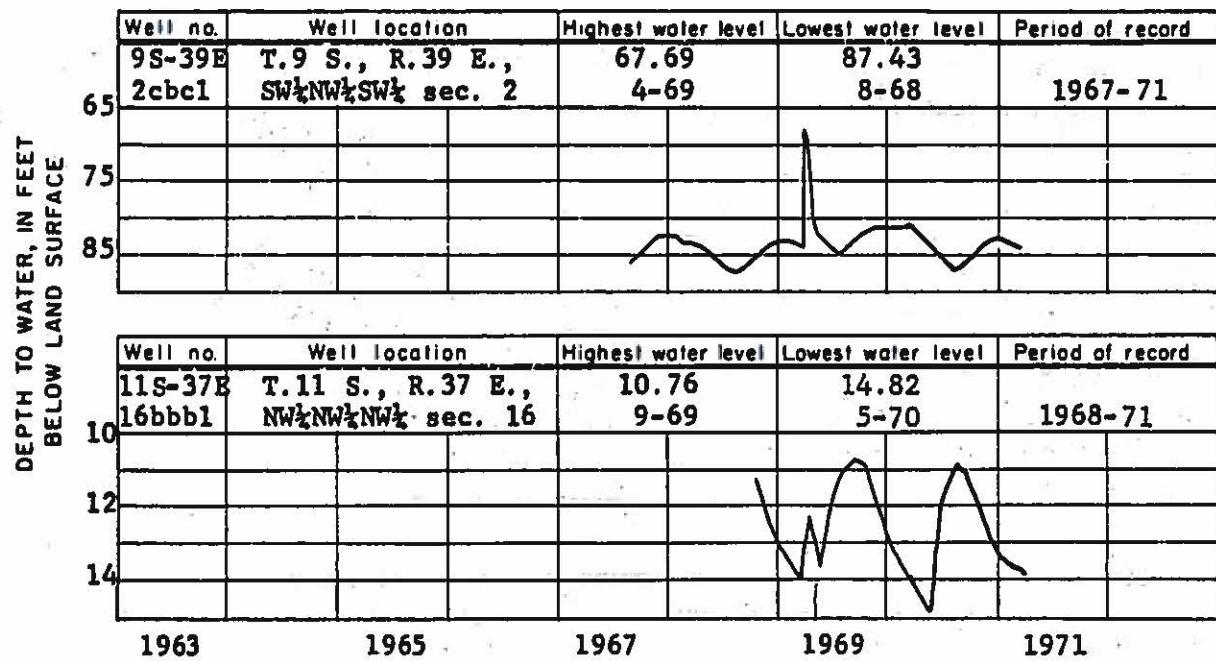
Water-levels, in feet below land surface, in area 29.



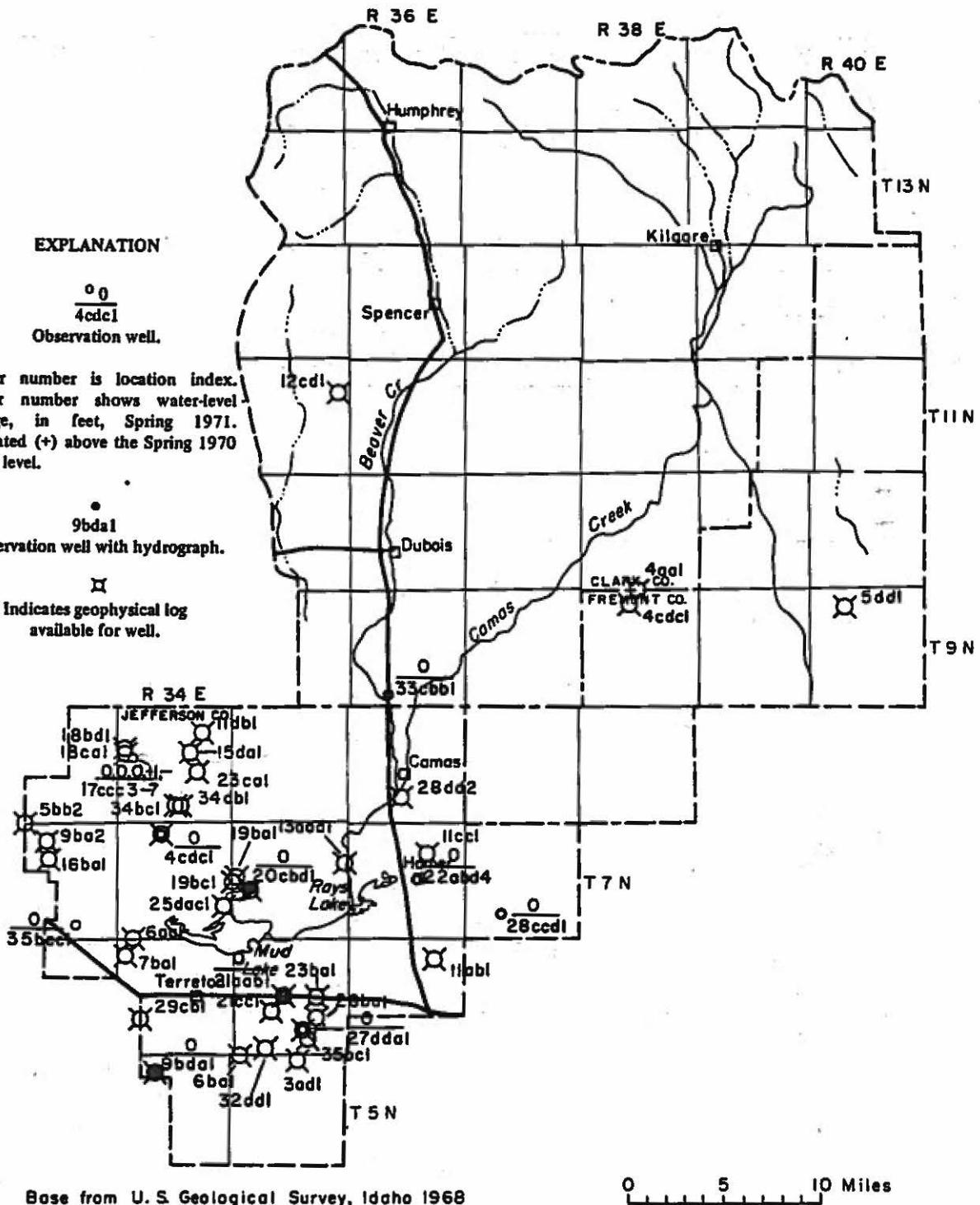
Representative water-level changes in area 29.



### **Representative water-level changes in area 29.**



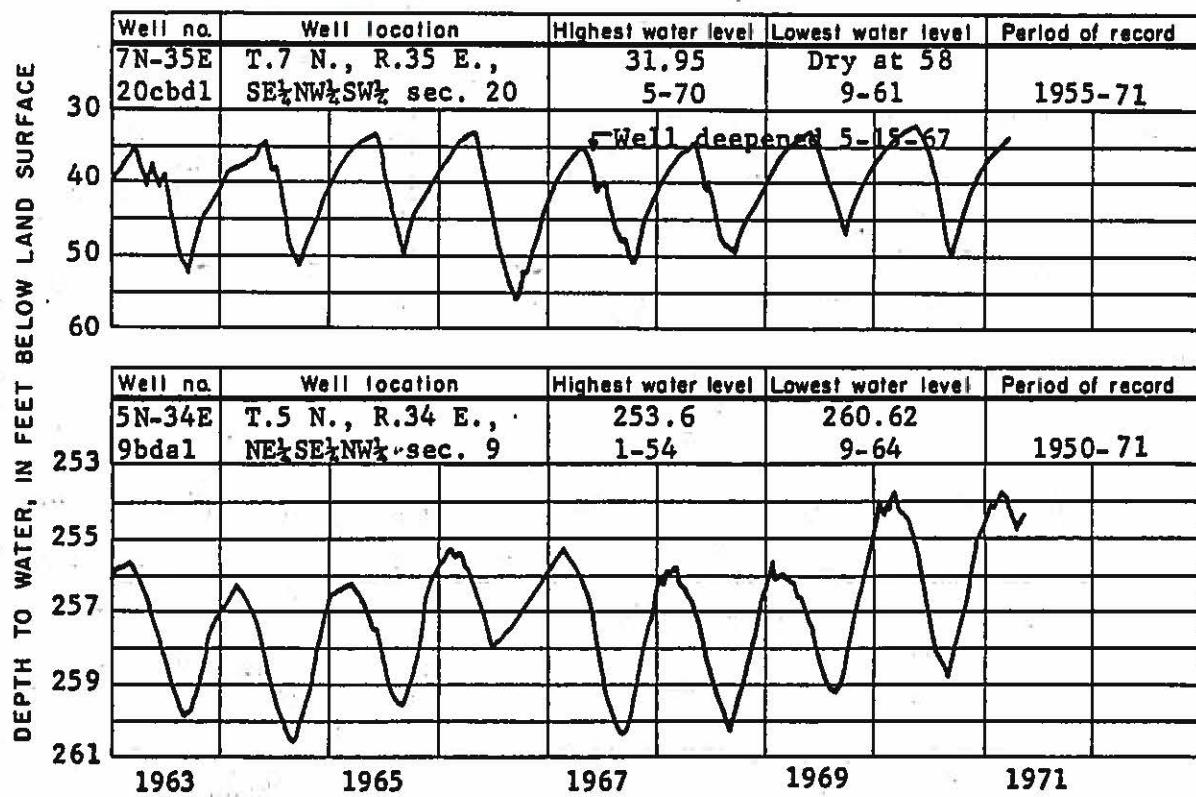
### **Representative water-level changes in area 29.**



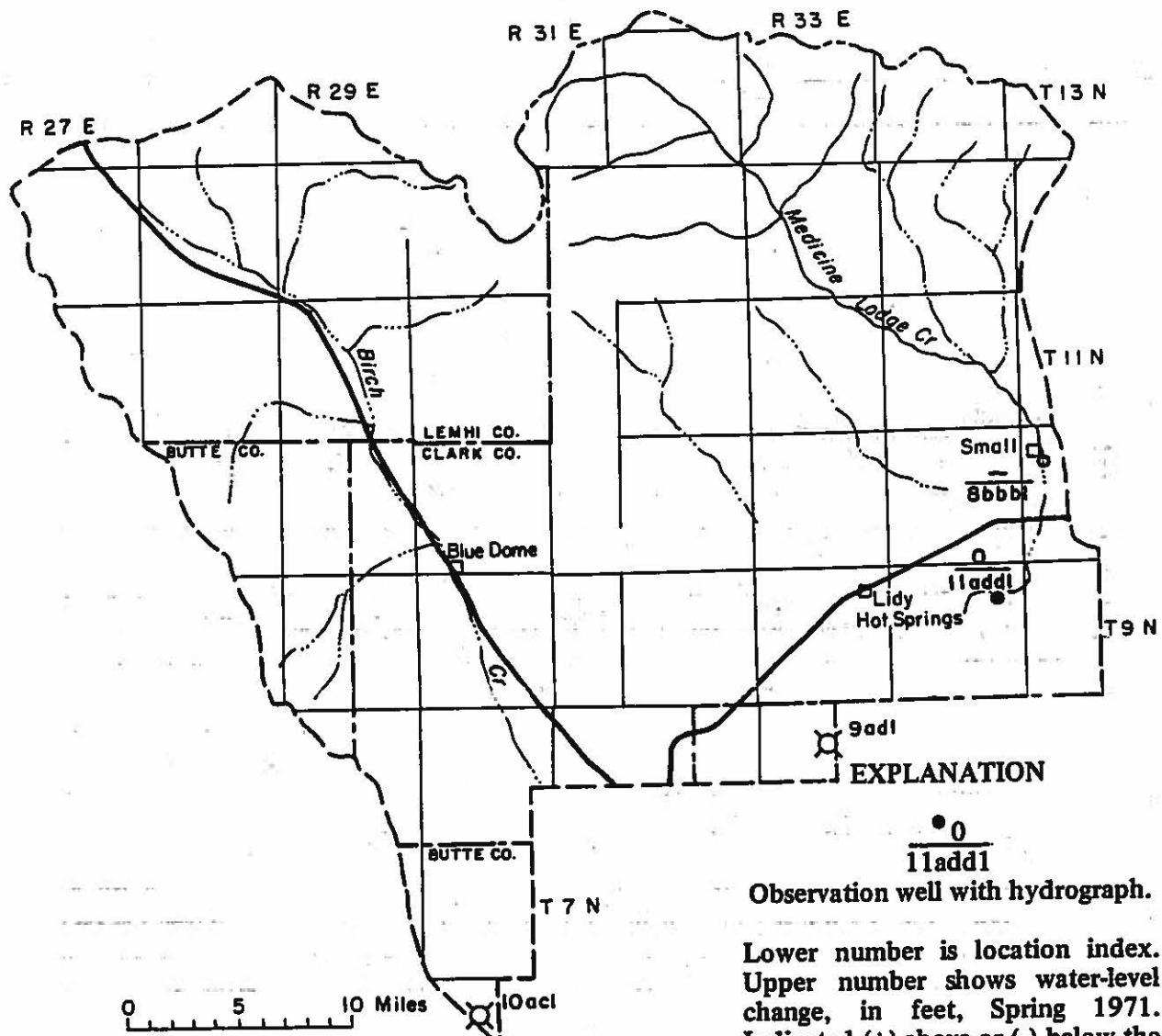
Observation wells and water-level data in area 31 - Camas Creek and Mud Lake.

Well number	Depth	Date	Water level	Well number	Depth	Date	Water level
9N-36E-33cc1	155	3-24-71	75.67	7N-34E- 4cdcl	57	3-20-71	5.21
8N-34E-17ccc3	440	3-25-71	40.58	7N-35E-20cbd1	66	3-20-71	33.37
8N-34E-17ccc4	545	3-25-71	41.11	7N-36E-22abd4	35	3-20-71	5.15
8N-34E-17ccc5	888	3-25-71	165.41	7N-37E-28ccd1	83	3-24-71	62.63
8N-34E-17ccc6	1,006	3-25-71	221.97	6N-35E-21aab1	276	3-24-71	99.73
8N-34E-17ccc7	48	3-25-71	23.01	6N-35E-27ddal	260	3-22-71	231.81
7N-33E-35bcc1	54	3-25-71	27.76	5N-34E- 9bdal	436	3-29-71	254.42

Water levels in feet below land surface, in area 31.



Representative water-level changes in area 31.



Indicates geophysical log available for well.

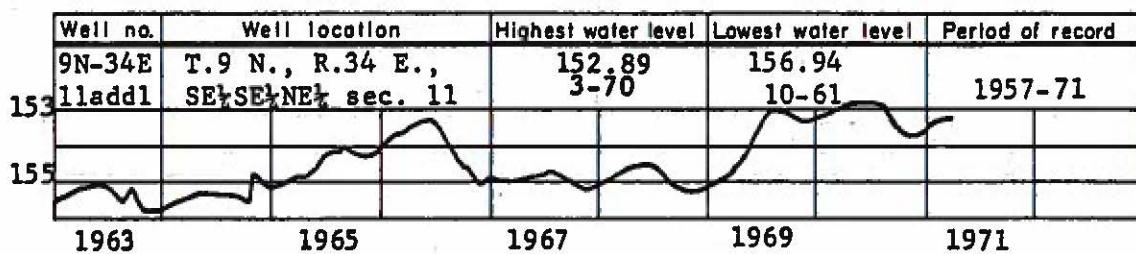
Observation wells and water-level data in area 32 - Medicine Lodge and Birch Creeks.

Well number	Depth	Date	Water level	Well number	Depth	Date	Water level
10N-35E- 8bbb1	360	3-25-71	a251.71	9N-34E-11add1	193	3-20-71	153.16

a Well being pumped.

Water levels, in feet below surface, in area 32.

DEPTH TO WATER, IN FEET  
BELOW LAND SURFACE



Representative water-level changes in area 32.

## EXPLANATION

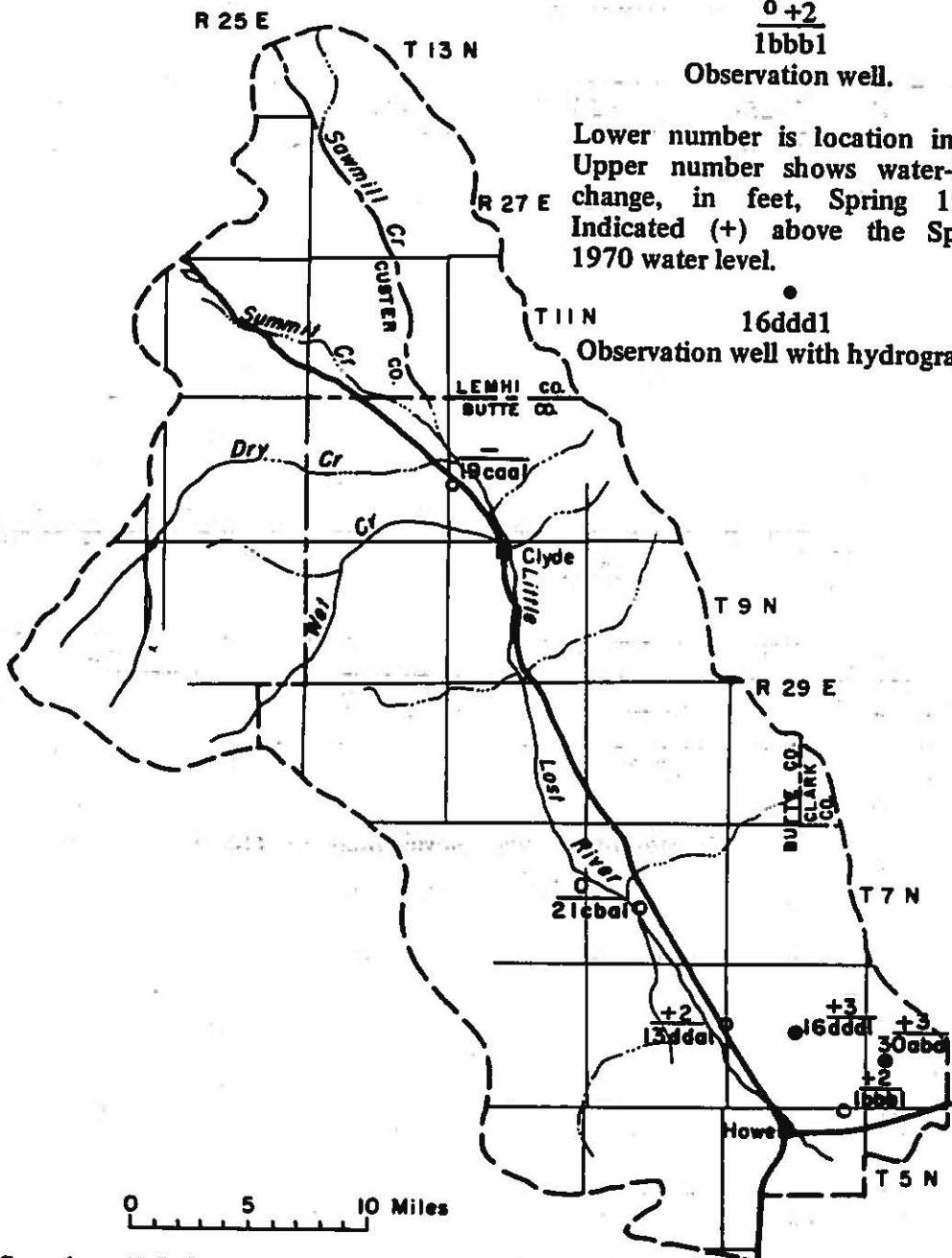
$\frac{0+2}{1bbb1}$

Observation well.

Lower number is location index.  
Upper number shows water-level  
change, in feet, Spring 1971.  
Indicated (+) above the Spring  
1970 water level.

$\frac{16ddd1}{}$

Observation well with hydrograph.

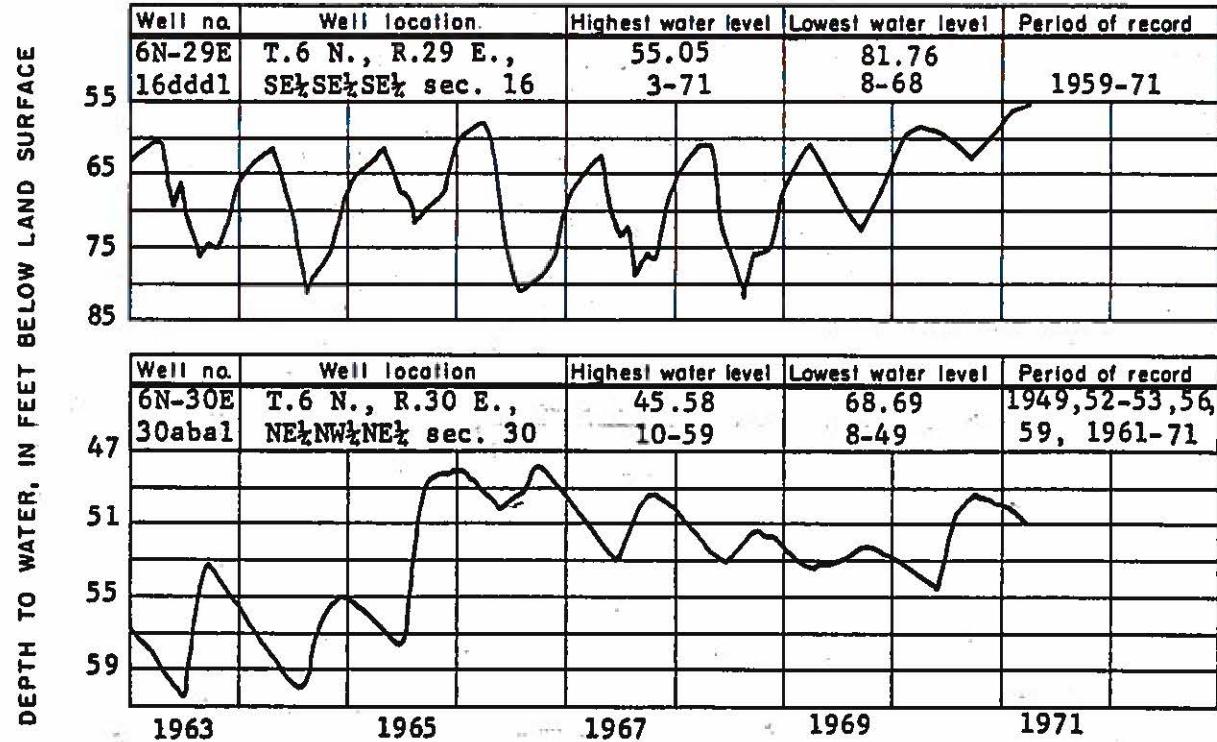


Base from U.S. Geological Survey, Idaho 1968

Observation wells and water-level data in area 33 - Little Lost River.

Well number	Depth	Date	Water level	Well number	Depth	Date	Water level
10N-27E-19caal	128	3-26-71	37.61	6N-29E-16ddd1	100	3-26-71	55.05
7N-28E-21cbal	318	3-26-71	5.87	6N-30E-30abal	79	3-20-71	50.94
6N-28E-13ddal	201	3-26-71	96.43	5N-29E-1bbb1	154	3-26-71	119.34

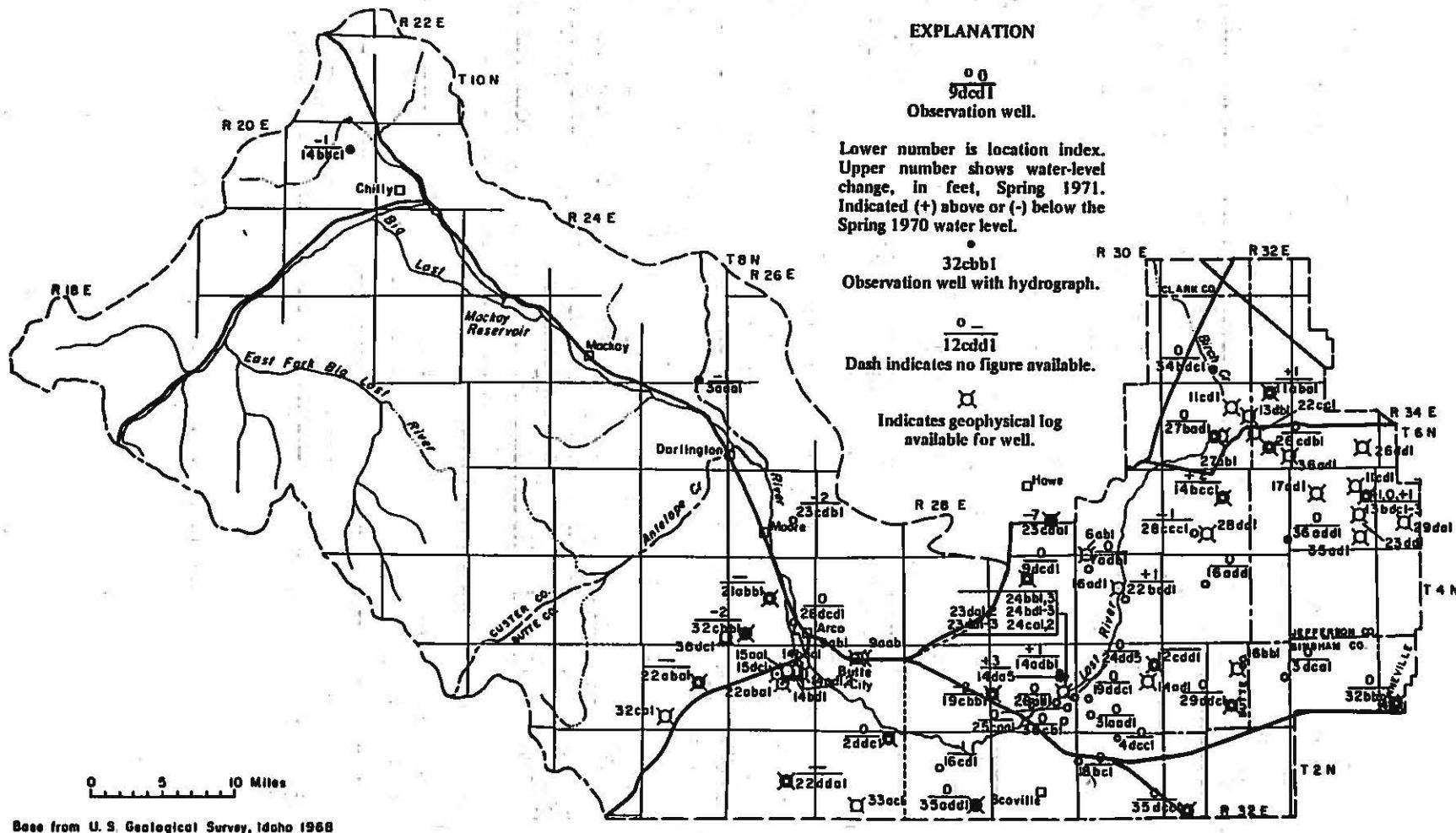
Water levels, in feet below land surface, in area 33.



Representative water-level changes in area 33.

Observation wells and water-level data in area 34 - Big Lost River and NRFA.

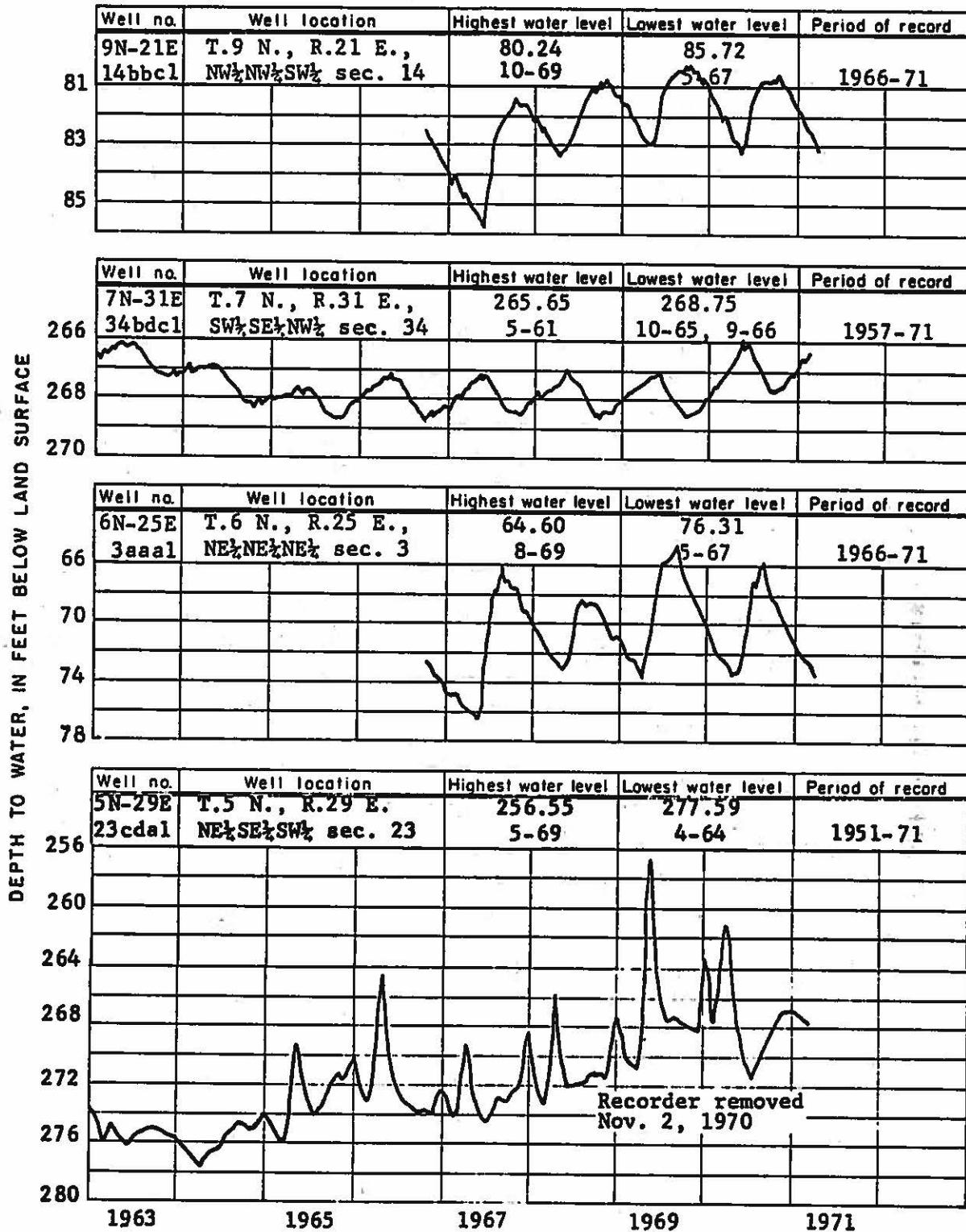
34



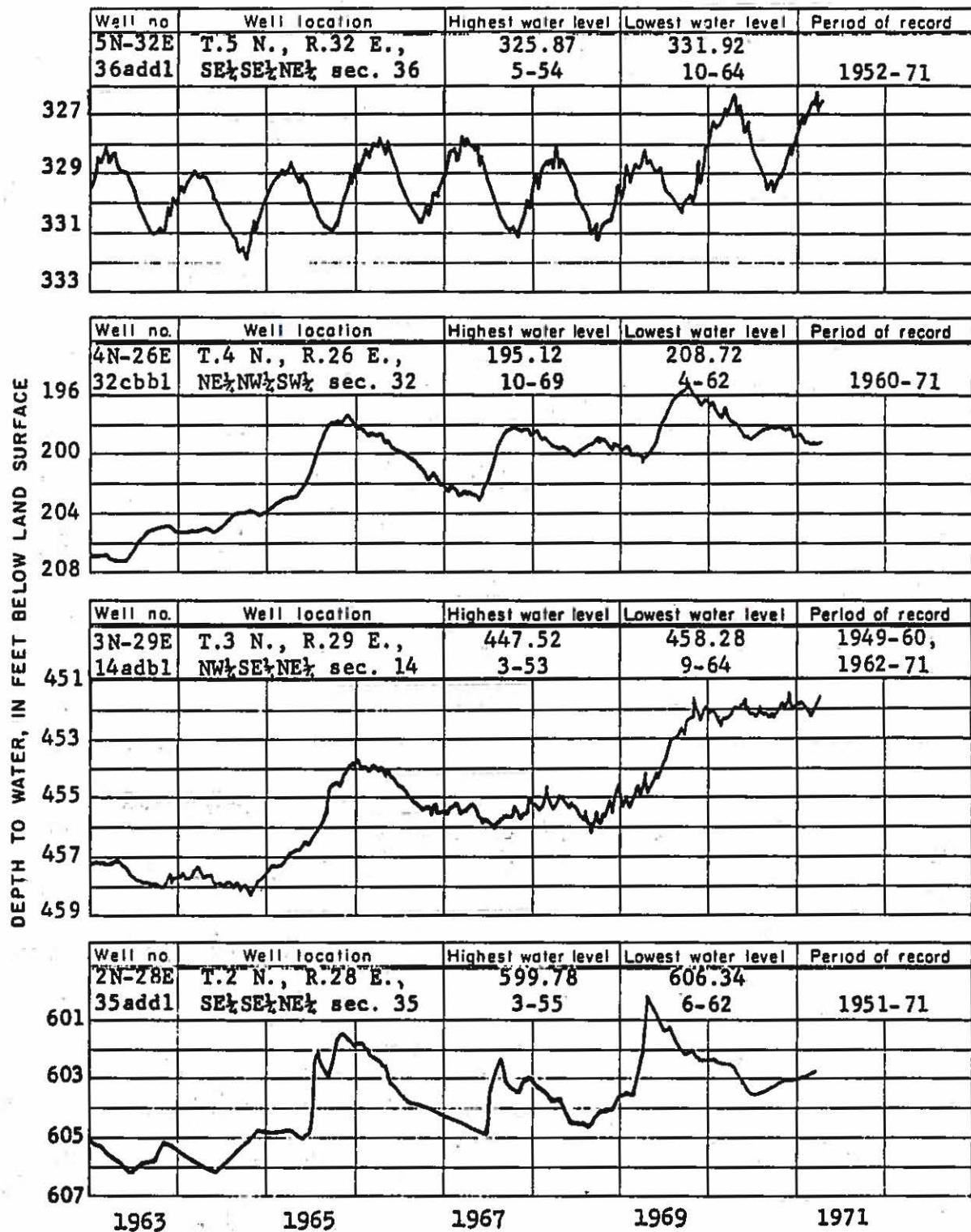
Well number	Depth	Date	Water level	Well number	Depth	Date	Water level
9N-21E-14bbcl	254	3-20-71	83.15	3N-26E-22aab1	1,025	4-16-71	790.77
7N-31E-34bdc1	287	3-29-71	266.32	3N-29E-14adb1	588	3-31-71	451.60
6N-25E- 3aaal	92	3-20-71	73.31	3N-29E-14da 5	503	3-31-71	453.36
6N-31E-27bad1	902	3-29-71	209.46	3N-29E-19cbb1	657	3-18-71	603.93
6N-32E-11abal	265	3-29-71	206.58	3N-29E-24dd 5	650	3-20-71	452.27
6N-32E-26cdb1	319	3-29-71	219.17	3N-29E-25caal	571	3-20-71	465.71
5N-26E-23cdb1	198	3-27-71	25.53	3N-29E-26ac 1	504	3-20-71	474.80
5N-29E-23cdal	400	3-18-71	267.68	3N-29E-36cb 1	619	3-20-71	476.40
5N-31E-14bcc1	329	3-29-71	263.67	3N-30E-12cdd1			Well plugged
5N-31E-28cccl	717	3-24-71	260.55	3N-30E-19ddc1	702	3-20-71	442.98
5N-32E-36add1	399	3-29-71	326.95	3N-30E-31aad1	672	3-20-71	455.81
5N-33E-13bdc1	326	3-29-71	262.91	3N-32E-13dcal	785	3-25-71	673.47
5N-33E-13bdc2	493	3-29-71	260.93	3N-32E-29ddc1	687	3-25-71	653.17
5N-33E-13bdc3	1,006	3-29-71	253.39	3N-34E-32bbc1	788	3-20-71	718.56
4N-26E-21abb1	760	4-16-71	582.81	2N-26E-22ddal	1,053	5-23-71	1982.04
4N-26E-26cdl	143	3-27-71	39.07	2N-27E- 2ddc1	812	3-26-71	760.35
4N-26E-32cbb1	253	3-20-71	199.37	2N-28E-16cd 1	676	3-26-71	642.12
4N-29E- 9dccl	463	3-18-71	387.85	2N-28E-35add1	657	3-26-71	602.71
4N-30E- 7adb1	564	3-24-71	315.67	2N-30E- 4dccl	1,061	3-20-71	467.42
4N-30E-22bdd1	498	3-24-71	344.93	2N-30E-18bc 1	725	3-20-71	494.20
4N-31E-16add1	587	3-24-71	407.98	2N-31E-35dccl	634	3-24-71	583.95

L Electric tape.

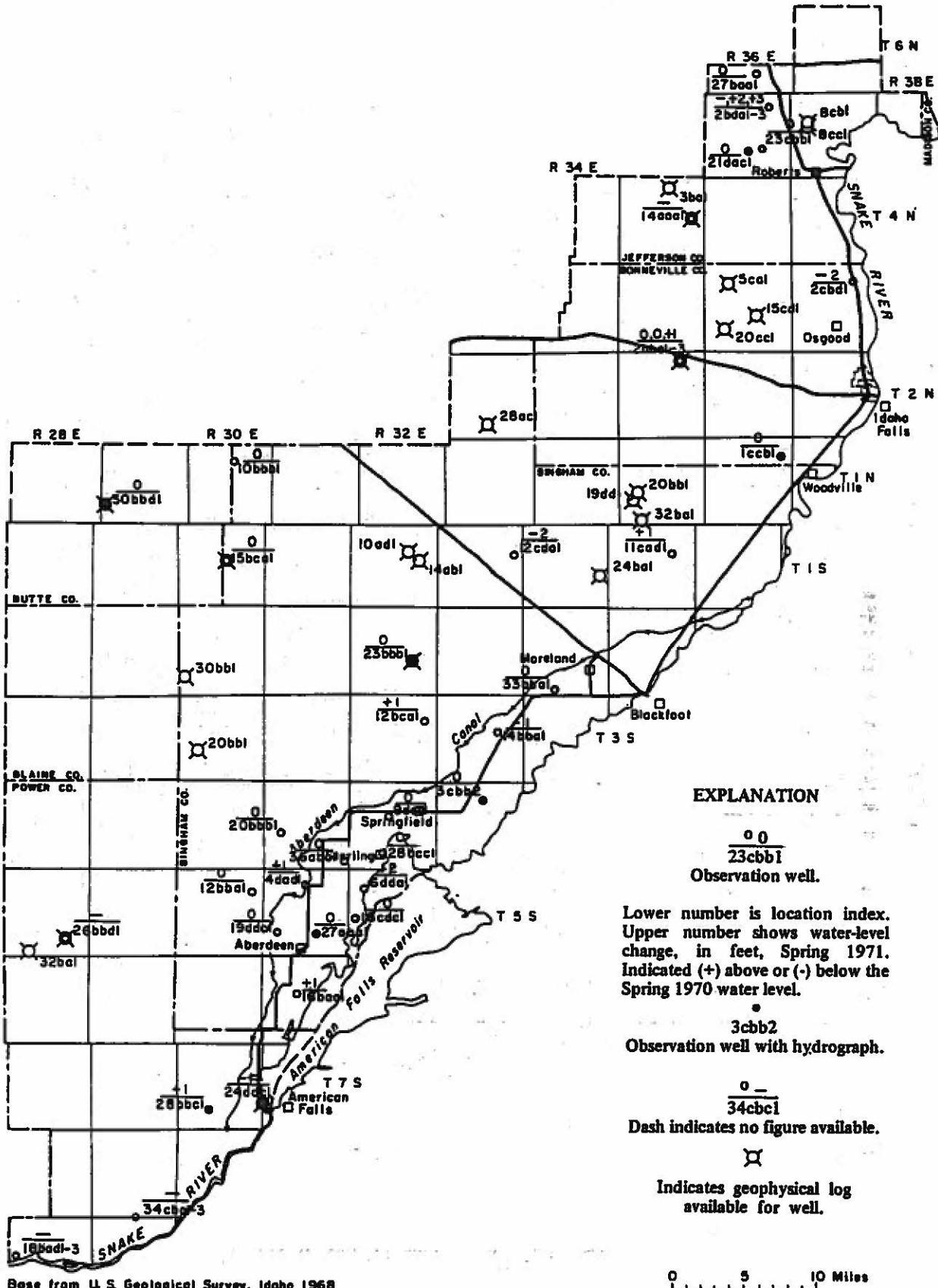
Water levels, in feet below land surface, in area 34.



Representative water-level changes in area 34.



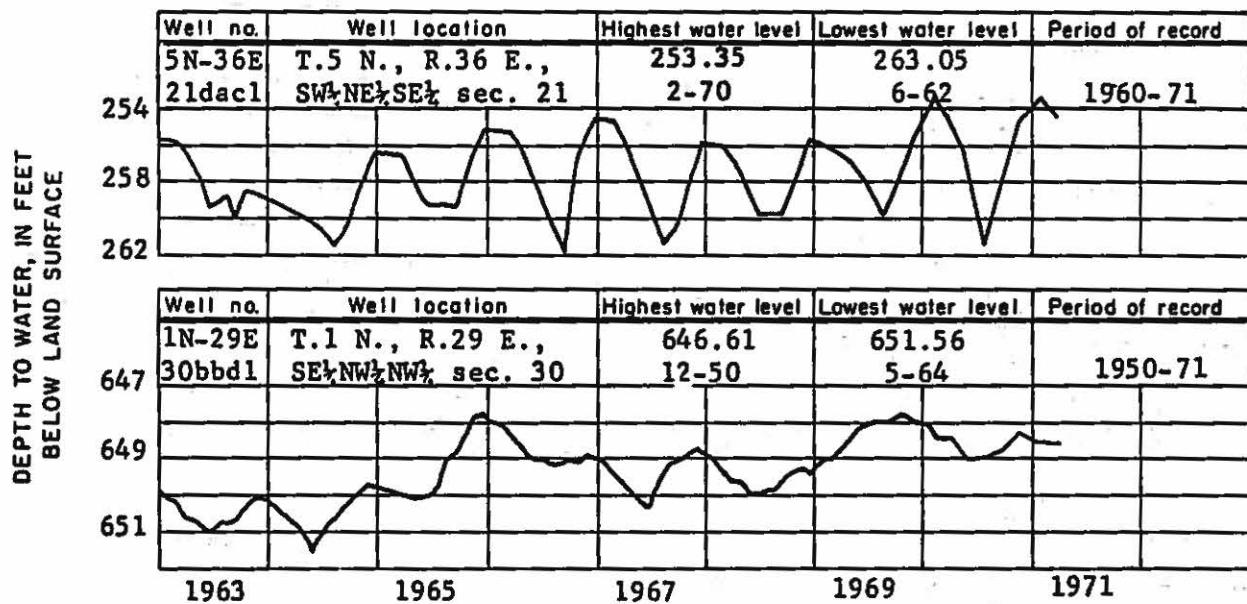
Representative water-level changes in area 34.



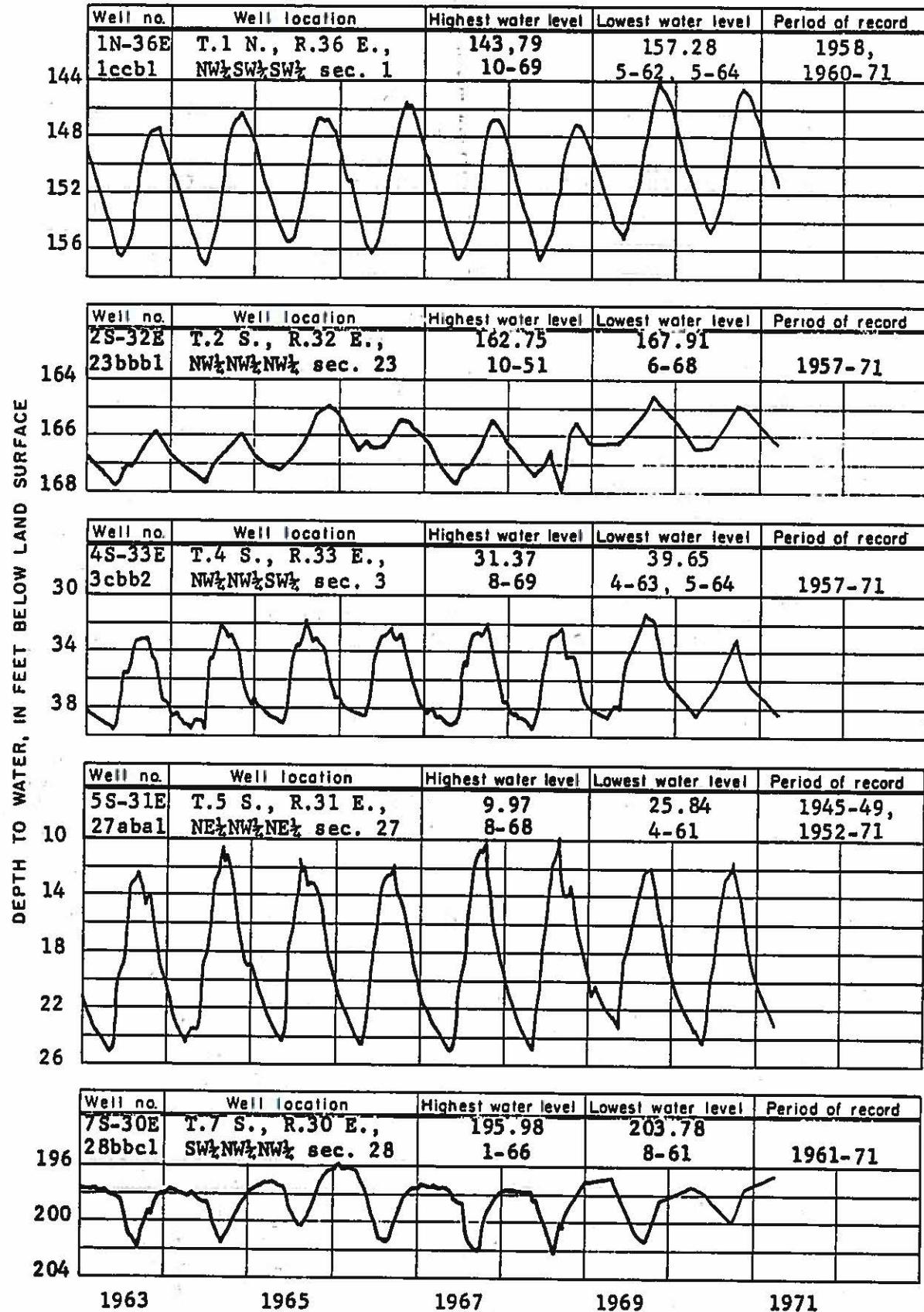
Observation wells and water-level data in area 35 - Aberdeen-Springfield.

Well number	Depth	Date	Water level	Well number	Depth	Date	Water level
6N-36E-27baal	227	3-22-71	182.36	4S-31E-20bbbb1	201	3-26-71	117.34
5N-36E- 2bdal	405	3-22-71	42.71	4S-31E-36abal	17	3-26-71	5.26
5N-36E- 2bda2	923	3-22-71	+7.59	4S-32E- 9dcc1	105	3-26-71	35.38
5N-36E- 2bda3	995	3-22-71	5.06	4S-32E-28bcc1	103	3-26-71	1.57
5N-36E-21dac1	300	3-22-71	254.43	4S-33E- 3cbb2	53	3-26-71	38.28
5N-36E-23cbb1	29	3-22-71	16.12	5S-28E-26bbd1	764	4-16-71	678.84
4N-35E-14aaa1	1000	3-24-71	405.62	5S-30E-12bba1	200	3-26-71	108.19
3N-37E- 2cbd1	508	4- 2-71	171.79	5S-31E- 4dad1	81	3-26-71	48.66
2N-35E- 2bbc1	651	3-20-71	576.33	5S-31E-19ddc1	61	3-26-71	42.49
2N-35E- 2bbc2	917	3-20-71	576.53	5S-31E-27abal	46	3-20-71	23.11
2N-35E- 2bbc3	1125	3-20-71	576.66	5S-32E- 6ddal	21	3-26-71	1.98
1N-29E-30bbd1	703	3-26-71	648.59	5S-32E-18cdcl	240	3-26-71	+16.10
1N-30E-10bbbb1	566	3-25-71	549.59	6S-31E-16baal	134	3-26-71	15.54
1N-36E- 1ccb1	217	3-16-71	151.52	7S-30E-24ddc1	215	3-24-71	53.46
1S-30E-15bc1	752	3-30-71	712.44	7S-30E-28bbc1	288	3-24-71	196.69
1S-33E-12cdal	-	3-25-71	243.96	8S-29E-34cbc1	665	4-16-71	149.33
1S-35E-11cad1	297	3-25-71	171.20	8S-29E-34cbc2	818	4-16-71	155.74
2S-32E-23bbbb1	194	3-25-71	166.25	8S-29E-34cbc3	1028	4-16-71	68.37
2S-34E-33bba1	40	3-25-71	30.90	9S-28E-18bad1	150	4-16-71	13.17
3S-32E-12bc1	124	3-26-71	97.59	9S-28E-18bad2	505	4-16-71	55.61
3S-33E-14bba1	44	3-26-71	41.32	9S-28E-18bad3	1014	4-16-71	+1.30

Water levels, in feet below or above (+) land surface, in area 35.



Representative water-level changes in area 35.



Representative water-level changes in area 35.

## **Observation wells and water-level data in area 36 - Minidoka-Jerome.**

## **EXPLANATION**

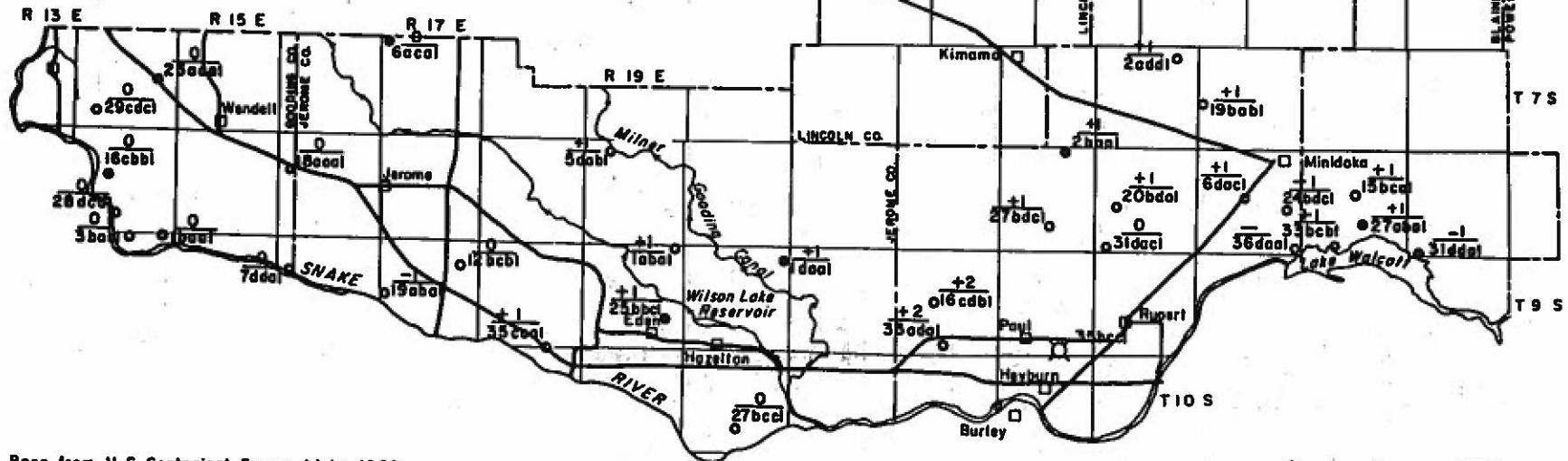
$\frac{0 \div 1}{2 \text{ add 1}}$

### **Observation well.**

Lower number is location index.  
Upper number shows water-level  
change, in feet, Spring 1971.  
Indicated (+) above or (-) below the  
Spring 1970 water level.

**27aba1**  
**Observation well with hydrograph.**

0 -  
36daal  
Dash indicates no figure available.



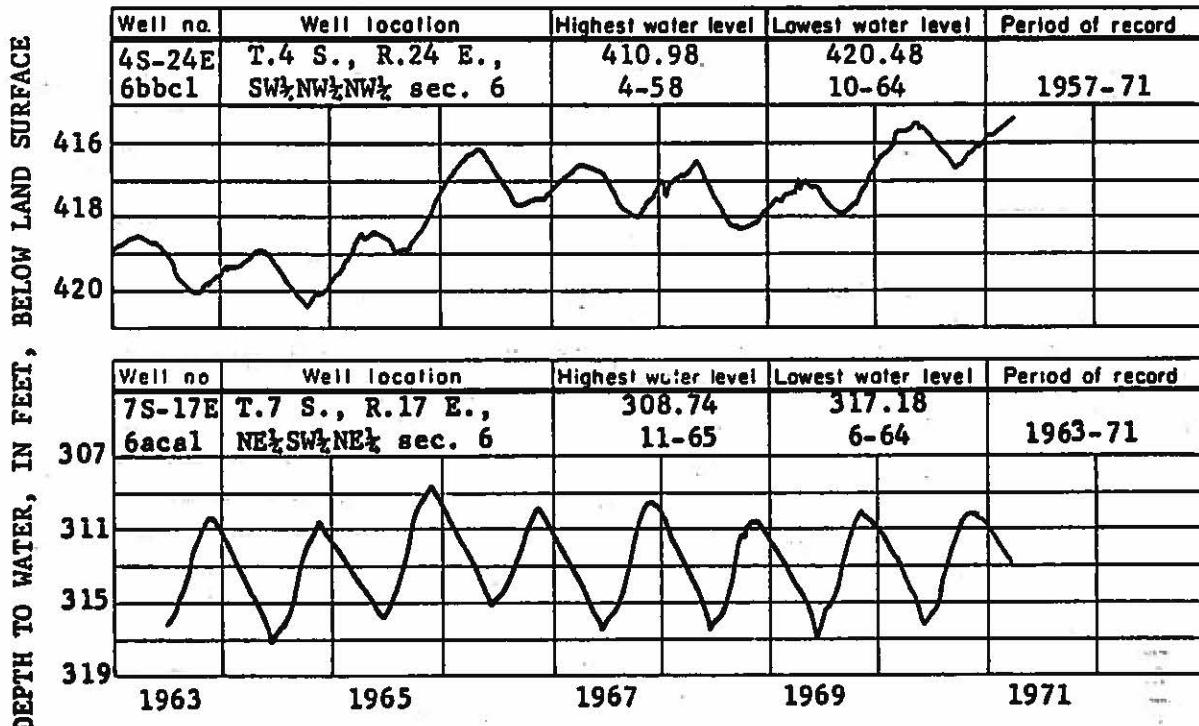
Boss from U. S. Geological Survey, Idaho 1968

0 5 10 Miles

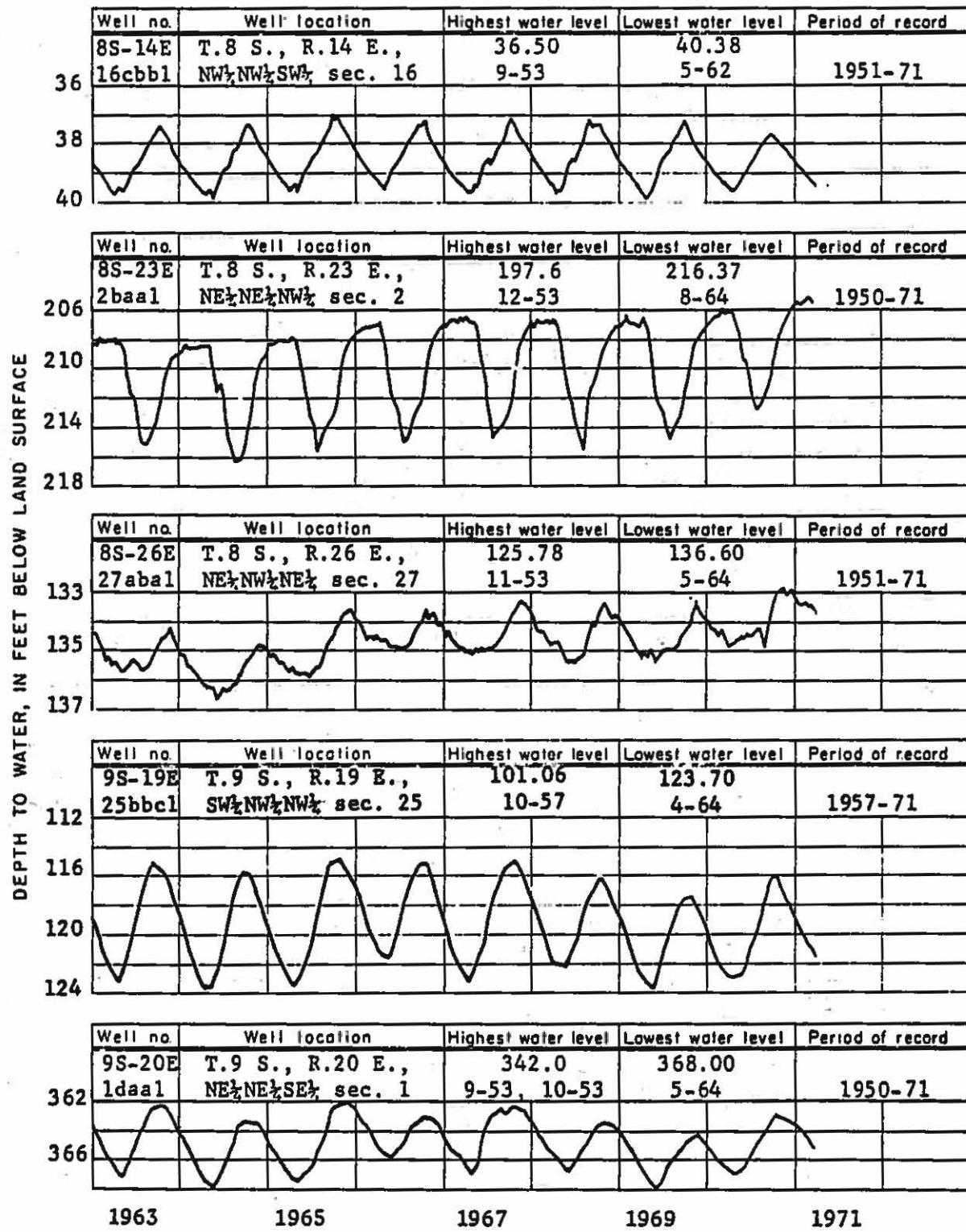
Well number	Depth	Date	Water level	Well number	Depth	Date	Water level
1S-27E-14dccl	1,041	5-24-71	991.80	8S-25E-36daal	207	3-22-71	107.41
4S-24E- 6bbcl	445	3-20-71	415.29	8S-26E-15bcal	254	3-25-71	L177.06
7S-14E-23aaal	152	3-22-71	140.02	8S-26E-27abal	225	3-20-71	133.65
7S-14E-29cdcl	115	3-22-71	101.03	8S-26E-33bcb1	242	3-22-71	106.80
7S-17E- 6acal	345	3-20-71	312.92	8S-27E-31ddal	140	3-22-71	25.67
7S-24E- 2add1	252	3-20-71	209.89	9S-14E- 1baal	380	3-22-71	84.79
7S-25E-19bab1	284	3-20-71	240.80	9S-14E- 3baal	99	3-22-71	73.78
8S-14E-16cbb1	53	3-20-71	39.40	9S-16E- 7ddal	128	3-22-71	111.65
8S-14E-28cdcl	76	3-22-71	62.07	9S-17E-12bcb1	201	3-22-71	152.82
8S-16E-18aaal	-	3-22-71	169.29	9S-17E-19abal	131	3-22-71	96.84
8S-19E- 5dabl	326	3-20-71	272.76	9S-18E-35ccal	176	3-22-71	141.44
8S-23E- 2baal	290	3-22-71	205.30	9S-19E- 1abal	225	3-24-71	201.24
8S-23E-27bdcl	260	3-25-71	182.88	9S-19E-25bbcl	210	3-24-71	121.49
8S-24E-20bdal	297	3-20-71	150.66	9S-20E- 1daal	400	3-25-71	365.10
8S-24E-31dacl	194	3-20-71	150.09	9S-22E-16cdb1	297	4-20-71	244.89
8S-25E-16dacl	230	3-25-71	157.43	9S-22E-33adal	252	3-24-71	233.97
8S-25E-24bdcl	180	3-20-71	143.17	10S-20E-27bcc1	735	4-19-71	334.80

L Electric tape.

Water levels, in feet below land surface, in area 36.



Representative water-level changes in area 36.



### **Representative water-level changes in area 36.**

### Observation wells and water-level data in area 37 - Wood Rivers.

#### EXPLANATION

**○ 0  
14asbl**

Observation well.

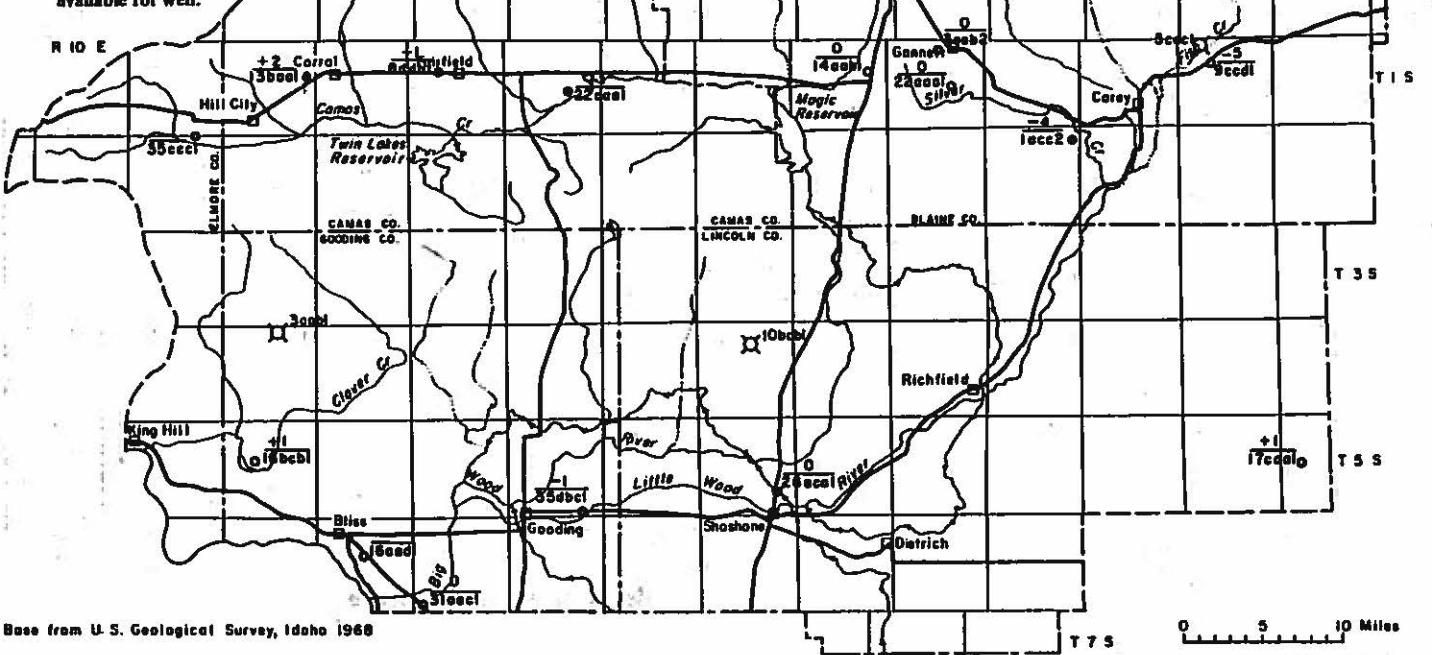
Lower number is location index.  
Upper number shows water-level  
change, in feet, Spring 1971.  
Indicated (+) above or (-) below the  
Spring 1970 water level.

**● 1acc2  
Observation well with hydrograph.**

**○ -  
35cccl**

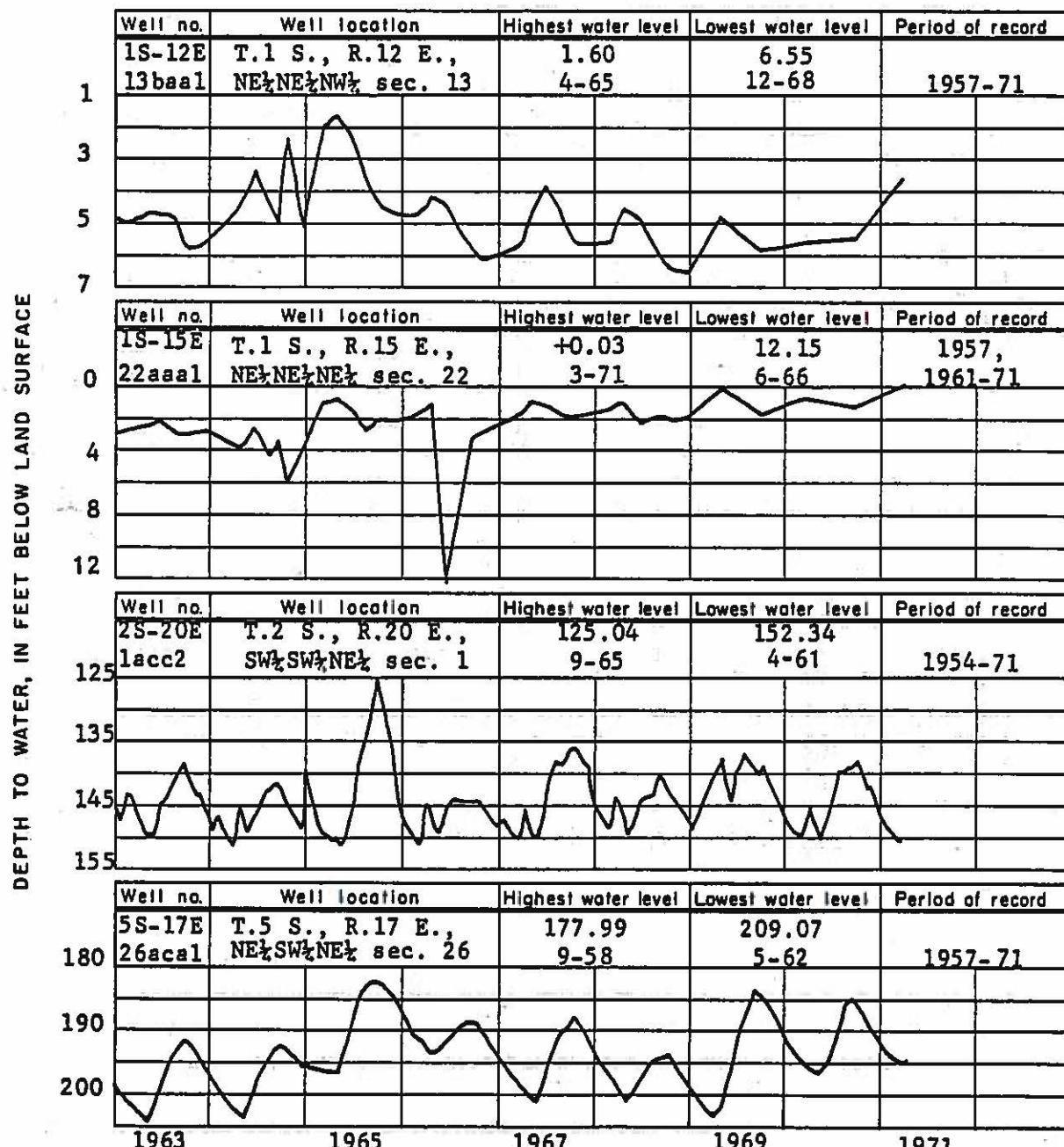
Dash indicates no figure available.

**□**  
Indicates geophysical log  
available for well.



Well number	Depth	Date	Water level	Well number	Depth	Date	Water level
IN-18E- 1daal	85	4-21-71	43.79	1S-22E- 9ccdl	98	3-27-71	65.03
1S-11E-35ccc1	16	4-21-71	1.90	2S-20E- 1acc2	208	3-20-71	150.64
1S-12E-13baal	435	3-27-71	3.51	5S-12E-16bcbl	256	3-16-71	159.59
1S-14E- 8ddbl	320	3-27-71	+18.31	5S-15E-35dbc1	184	3-26-71	135.53
1S-15E-22aaal	39	3-27-71	+.03	5S-17E-26acal	255	3-26-71	194.86
1S-18E-14aab1	120	3-27-71	+27.86	5S-23E-17caal	332	3-20-71	307.34
1S-19E- 3ccb2	51	3-27-71	16.93	6S-13E-16aad1	313	3-15-71	159.54
1S-19E-22aaal	150	3-27-71	+6.96	6S-14E-31accl	167	3-22-71	144.95

Water levels, in feet below or above (+) land surface, in area 37.



Representative water-level changes in area 37.

## EXPLANATION

$\frac{0+4}{19daal}$

Observation well.

Lower number is location index.  
Upper number shows water-level change, in feet, Spring 1971.  
Indicated (+) above or (-) below the Spring 1970 water level.

• 33cdd1

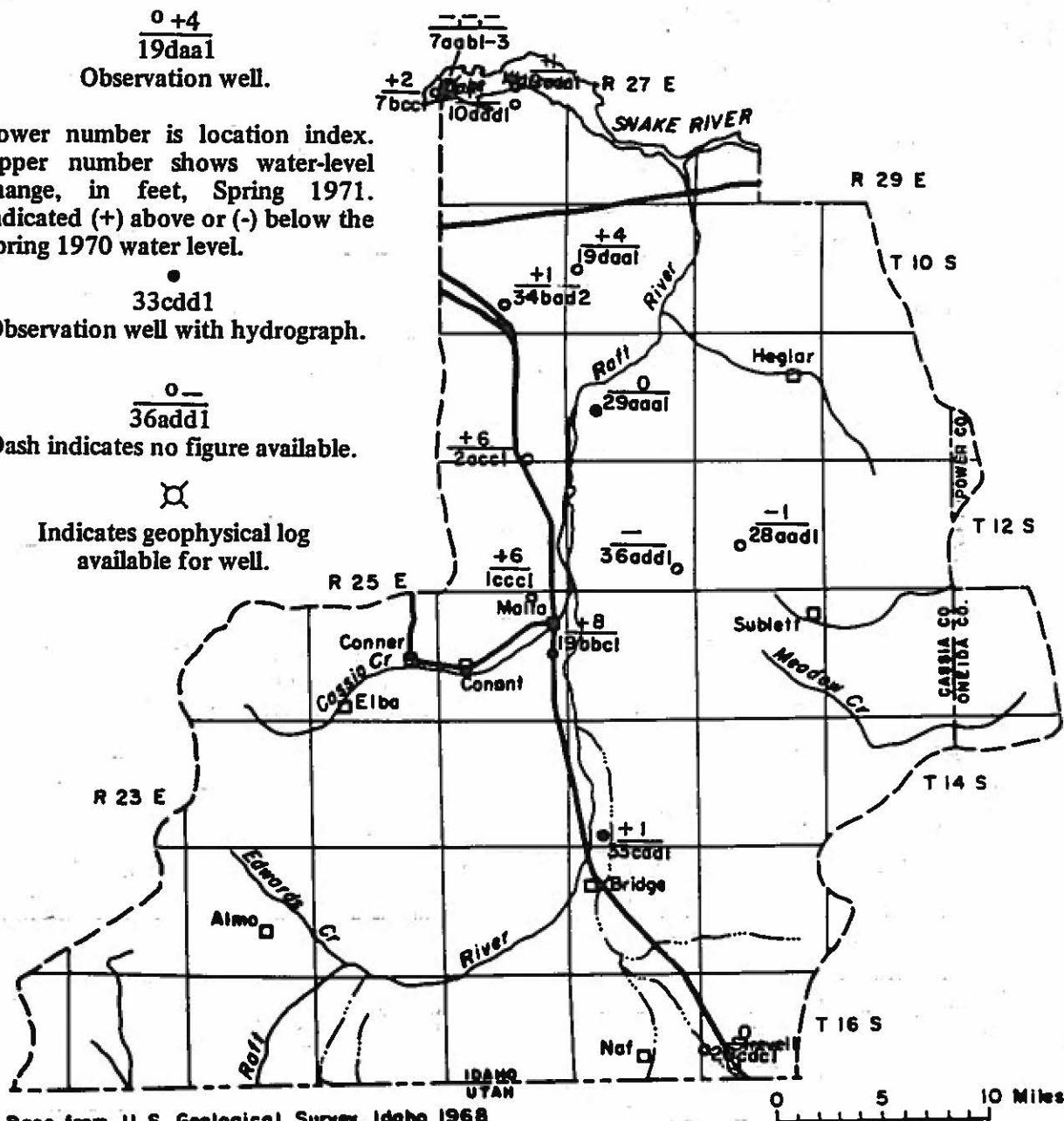
Observation well with hydrograph.

$\frac{0-}{36add1}$

Dash indicates no figure available.



Indicates geophysical log  
available for well.



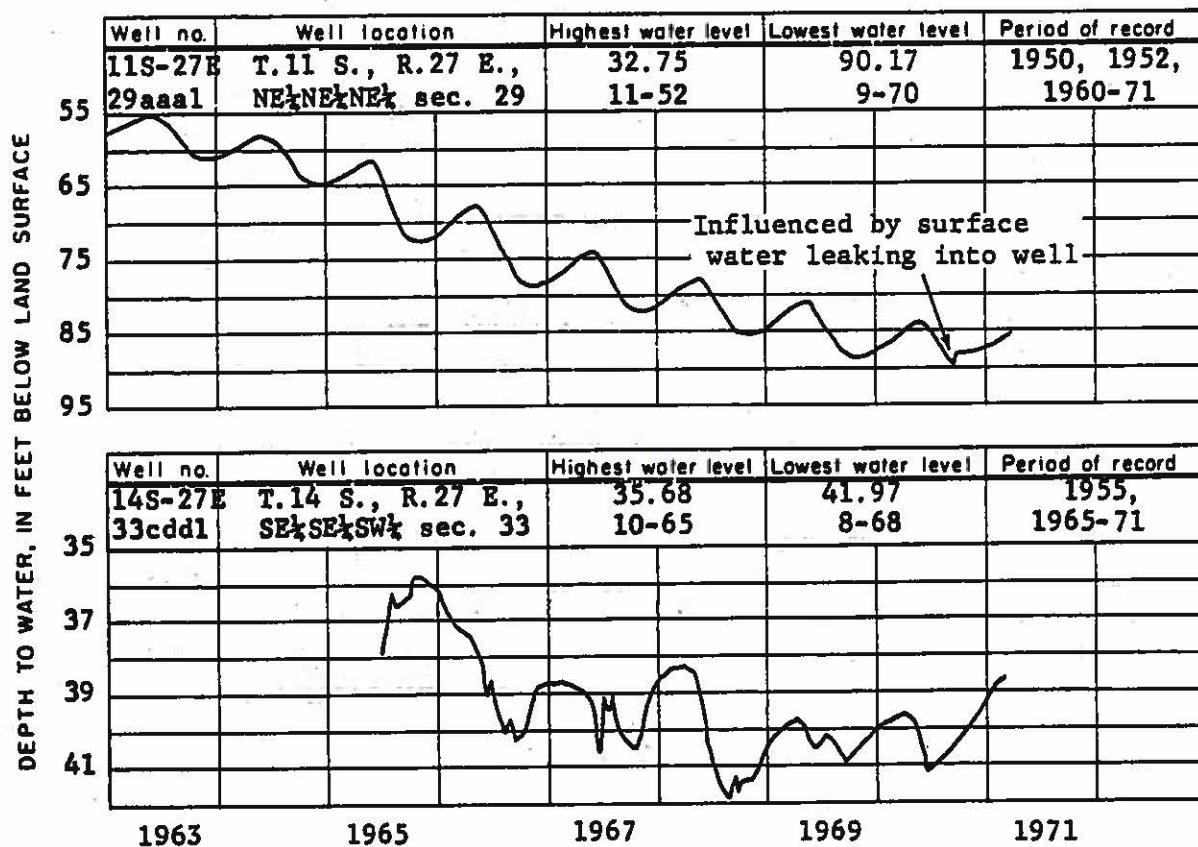
Base from U. S. Geological Survey, Idaho 1968

Observation wells and water level data in area 43 - Raft River.

Well number	Depth	Date	Water level	Well number	Depth	Date	Water level
9S-26E- 7aab1	153	4-15-71	64.71	11S-27E-29aaal	240	3-20-71	85.35
9S-26E- 7aab2	550	4-15-71	65.31	12S-26E- 2accl	197	3-25-71	67.14
9S-26E- 7aab3	804	4-15-71	7.63	12S-27E-36add1	900	3-25-71	(a)
9S-26E- 7bcc1	88	4- 7-71	71.75	12S-28E-28aad1	285	3-20-71	281.32
9S-26E-10aaal	95	4- 7-71	84.74	13S-26E- 1cccl	223	3-25-71	28.59
9S-26E-10dddl	128	4- 7-71	80.79	13S-27E-19bbcl	425	3-25-71	10.00
10S-26E-34bad2	342	3-25-71	279.53	14S-27E-33cdd1	200	3-20-71	38.59
10S-27E-19daal	145	3-25-71	123.42	16S-28E-20cdcl	295	3-25-71	146.85

a Well being pumped.

Water levels, in feet below land surface, in area 43.



Representative water-level changes in area 43.

## EXPLANATION

0 -3

10dcci

Observation well.

18bbc1

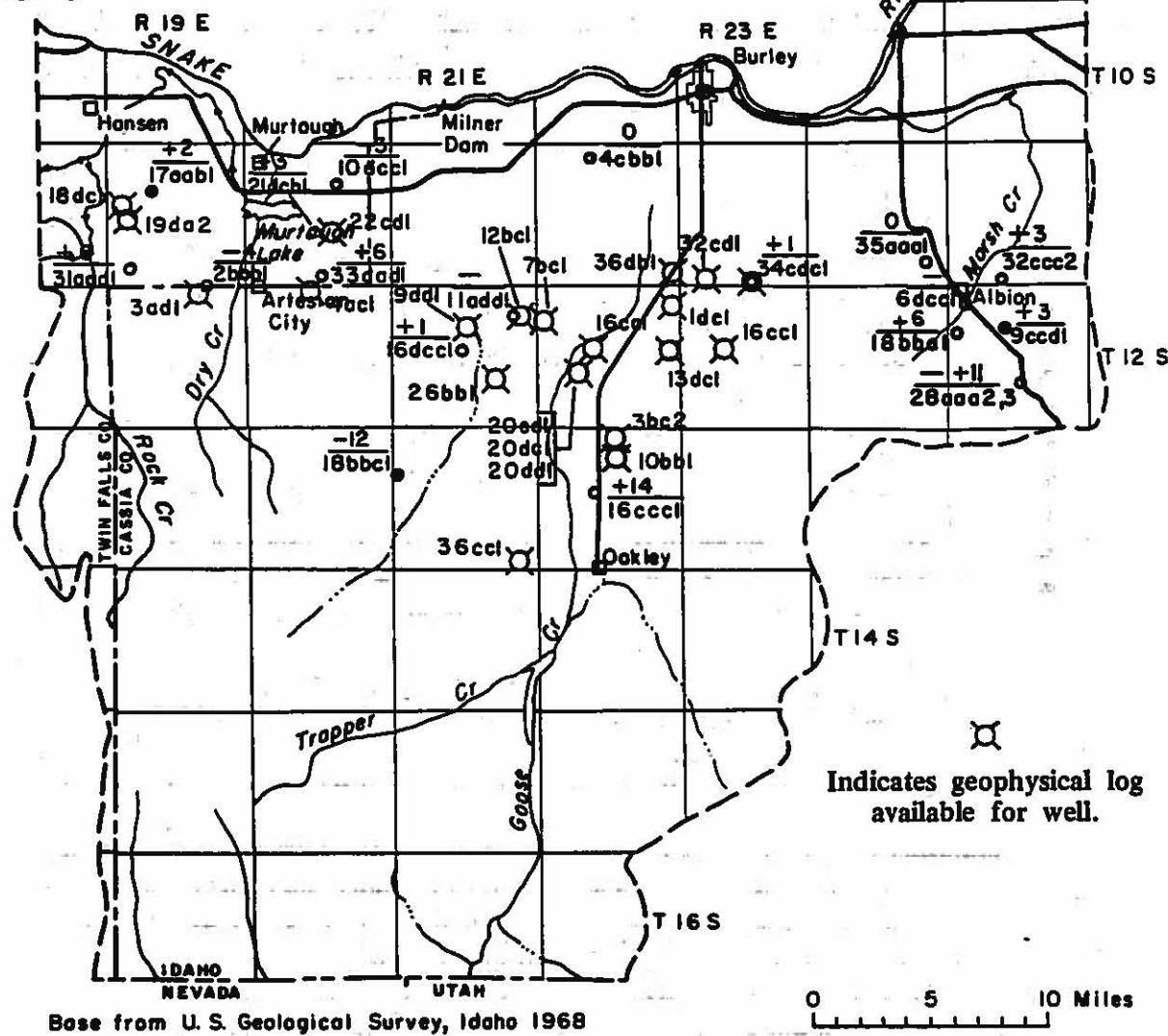
Observation well with hydrograph.

Lower number is location index.  
Upper number shows water-level  
change, in feet, Spring 1971. Indi-  
cated (+) above or (-) below the  
Spring 1970 water level.

0 -

6dcci

Dash indicates no figure available.



Base from U. S. Geological Survey, Idaho 1968

Indicates geophysical log  
available for well.

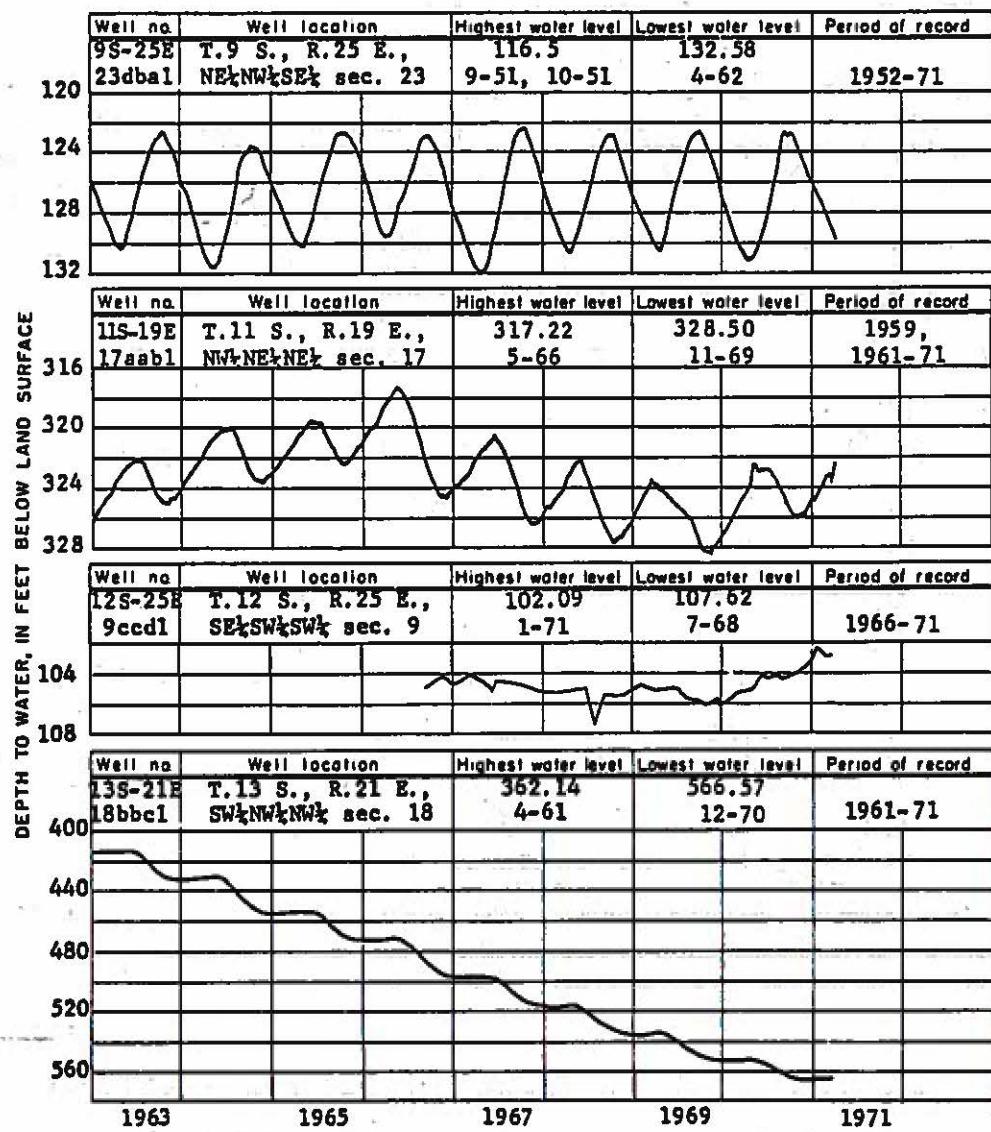
Observation wells and water level data in area 45 - Goose Creek-Rock Creek.

Well number	Depth	Date	Water level	Well number	Depth	Date	Water level
9S-25E-23dbal	174	3-20-71	129.67	12S-19E- 2bbb1	750	3-23-71	1279.68
11S-19E-17aab1	834	3-20-71	322.60	12S-21E-11add1	958	4-20-71	1343.84
11S-19E-31add1	350	3-23-71	1138.60	12S-21E-16dccl	257	3-24-71	105.94
11S-20E-10dccl	219	3-23-71	1153.15	12S-25E- 6dccl	102	3-23-71	b2.20
11S-20E-21dcbl	280	3-20-71	71.32	12S-25E- 9ccdl	379	3-23-71	102.56
11S-20E-33dad1	386	3-23-71	162.30	12S-25E-18bbal	104	3-23-71	43.54
11S-22E- 4ccb1	416	3-26-71	351.59	12S-25E-28aaa2	33	3-23-71	b6.70
11S-23E-34cdcl	346	3-26-71	323.20	12S-25E-28aaa3	177	3-23-71	101.13
11S-24E-35aaa1	400	3-23-71	170.26	13S-21E-18bbc1	821	3-20-71	564.52
11S-25E-32ccc2	235	3-23-71	22.50	13S-22E-16cccl	305	3-24-71	84.65

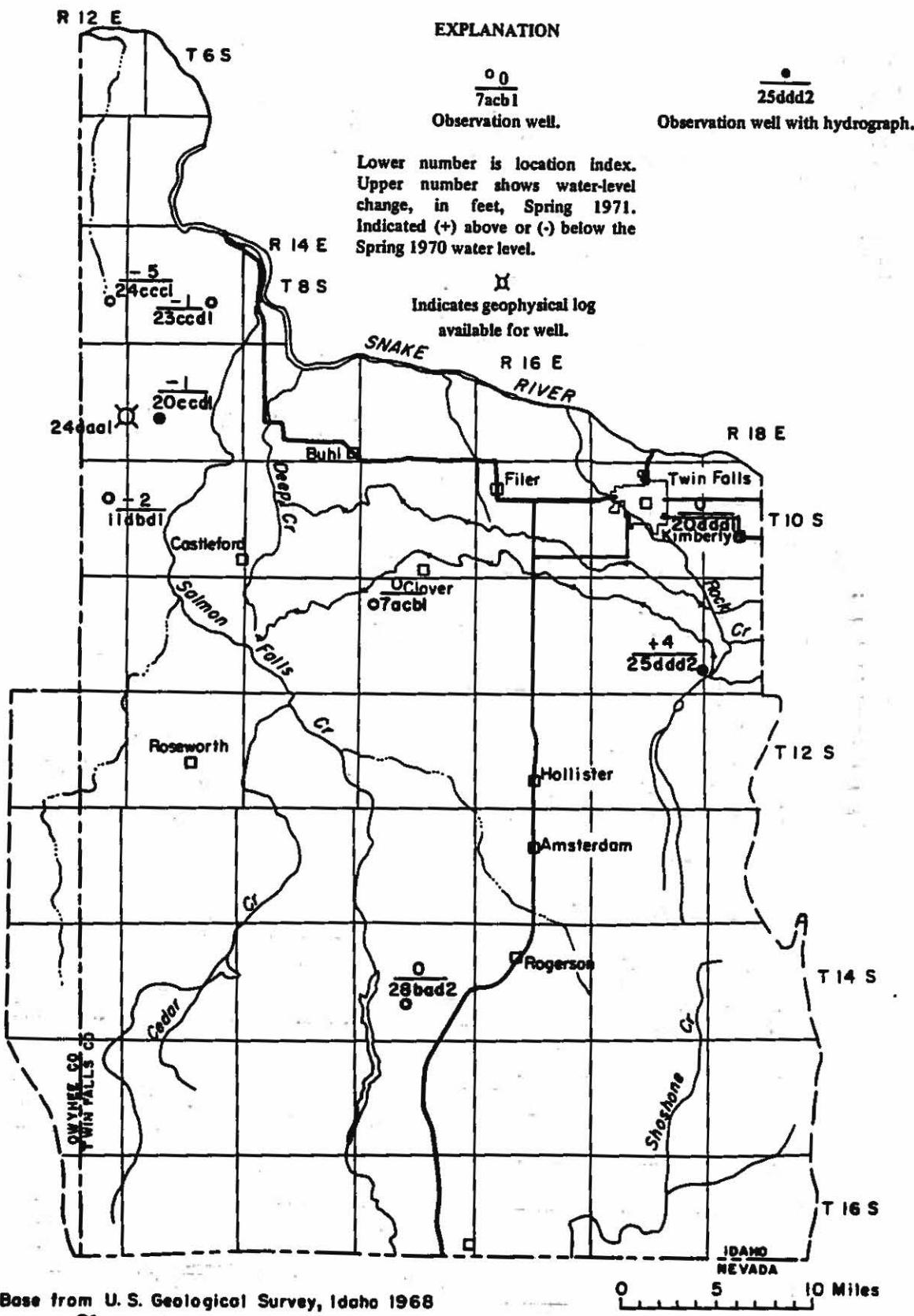
b Well pumped recently.

L Electric tape.

Water levels, in feet below land surface, in area 45.

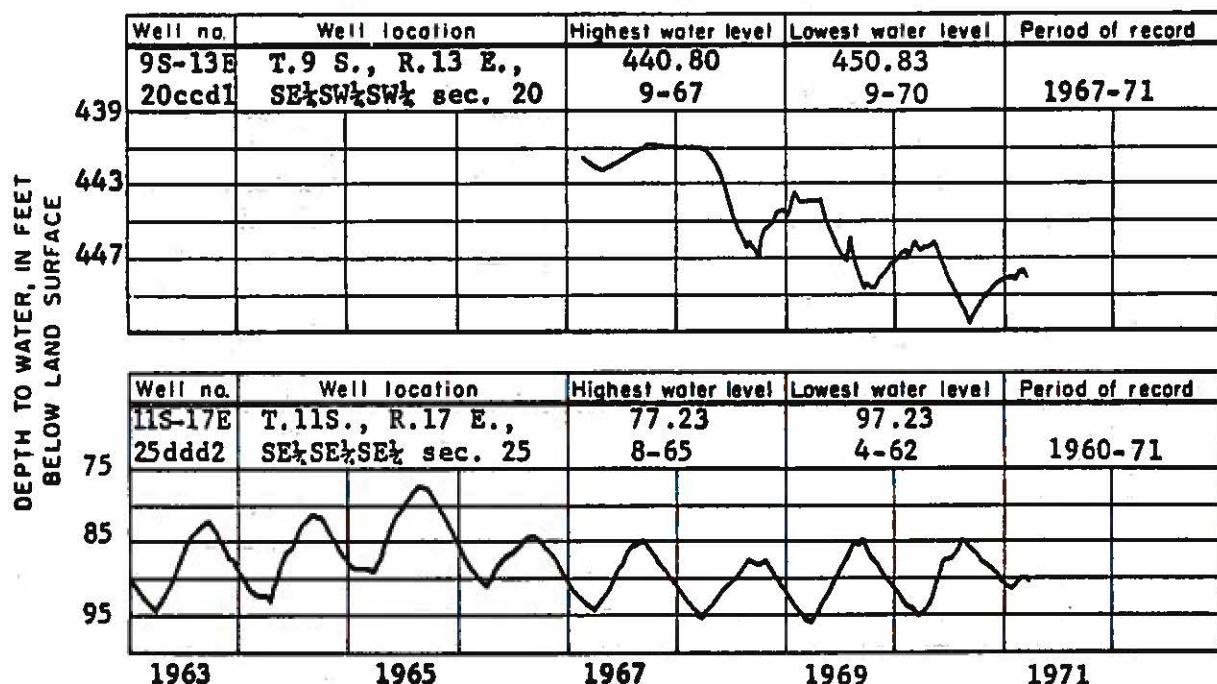


Representative water-level changes in area 45.



Well number	Depth	Date	Water level	Well number	Depth	Date	Water level
8S-12E-24cccl	500	3-15-71	244.16	10S-18E-20ddd1	1200	3-23-71	173.10
8S-13E-23ccdl	100	3-15-71	70.00	11S-15E-7acbl	347	3-23-71	233.31
9S-13E-20ccdl	920	3-15-71	447.96	11S-17E-25ddd2	352	3-20-71	90.42
10S-12E-11dbd1	688	3-15-71	339.28	14S-15E-28bad2	455	3-20-71	104.97

Water levels, in feet below land surface, in area 47.



Representative water-level changes in area 47.

### EXPLANATION

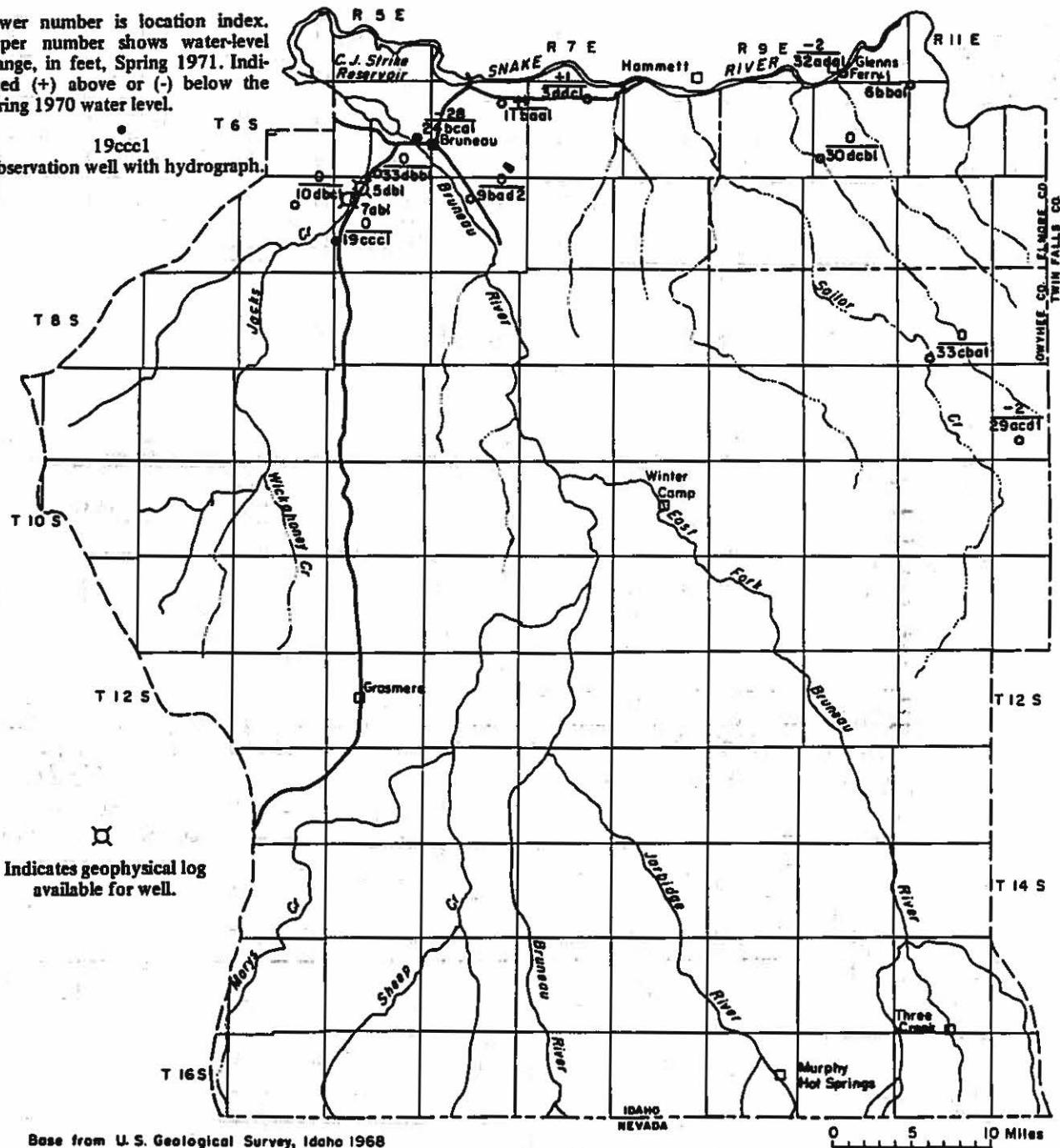
$0 +1$   
11baal

Observation well.

Lower number is location index.  
Upper number shows water-level  
change, in feet, Spring 1971. Indi-  
cated (+) above or (-) below the  
Spring 1970 water level.

19ccc1

Observation well with hydrograph.



Base from U.S. Geological Survey, Idaho 1968

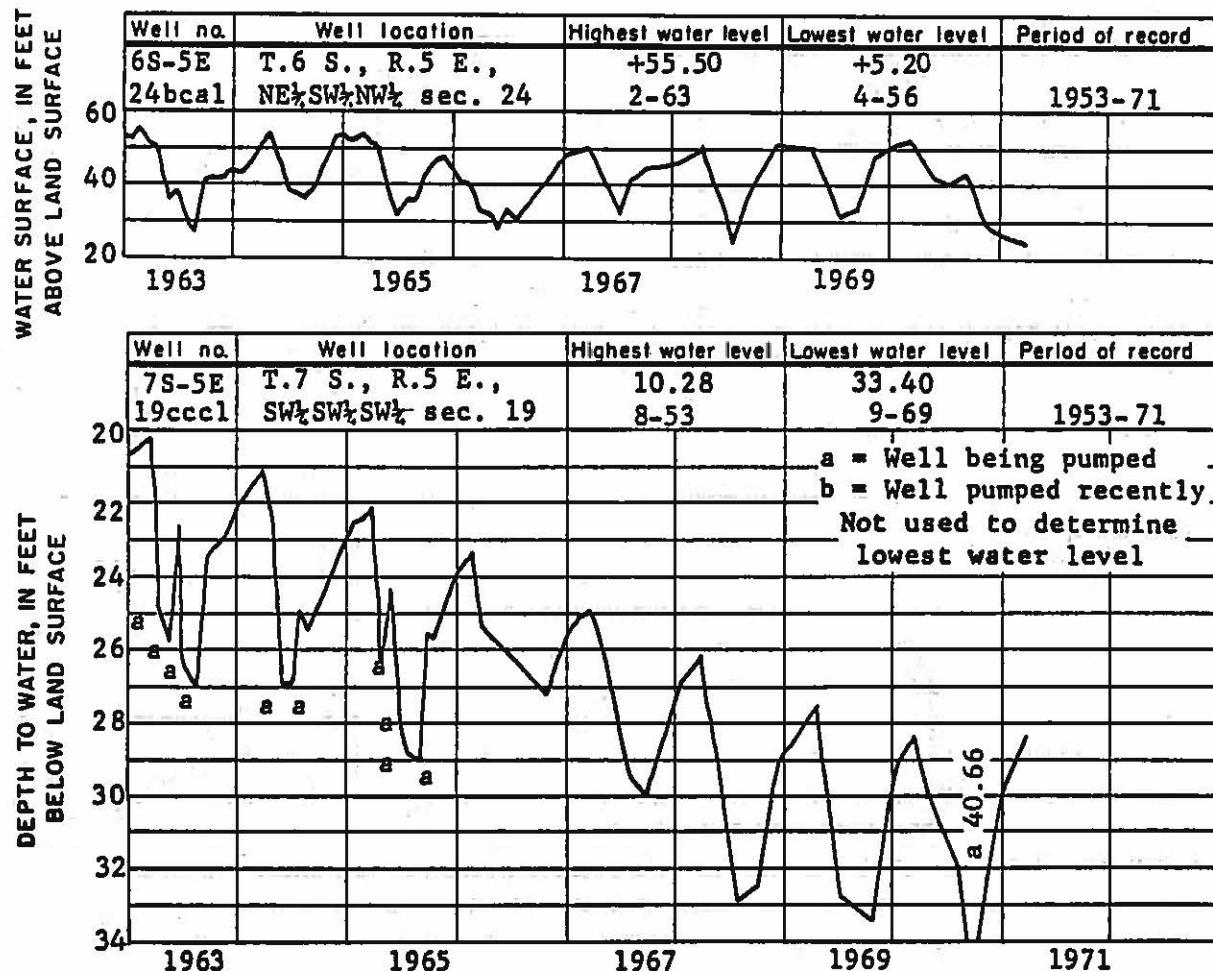
0 5 10 Miles

Observation wells and water-level data in area 51 - Bruneau River.

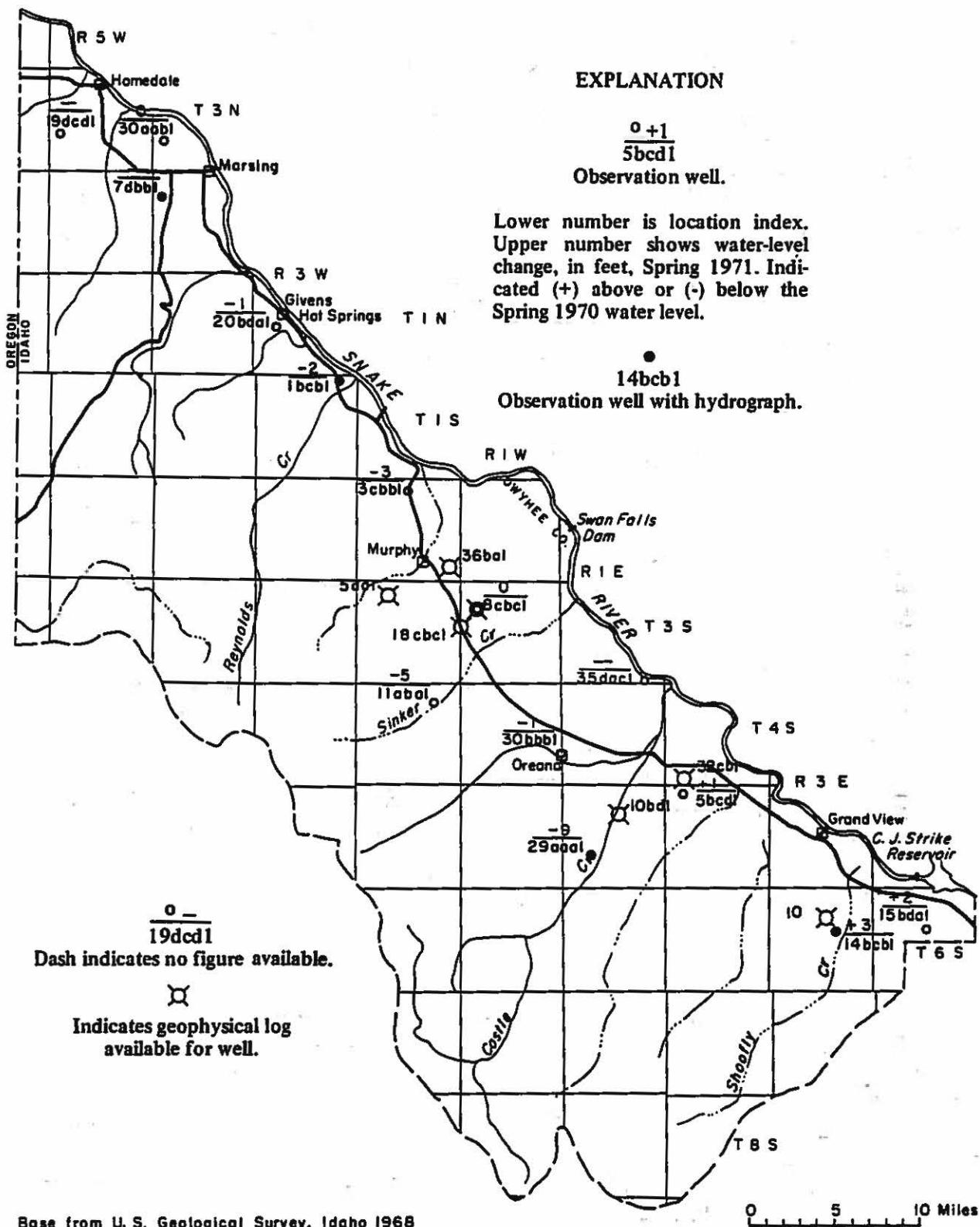
Well number	Depth	Date	Water level	Well number	Depth	Date	Water level
5S-10E-32adal	1006	3-22-71	+32.95	6S-11E- 6bbal	445	3-16-71	b108.59
6S- 5E-24bcal	1095	3-18-71	+24.10	7S- 4E-10dbc1	907	3-16-71	58.63
6S- 5E-33dbbl	142	3-16-71	5.76	7S- 5E-19cccl	760	3-16-71	28.33
6S- 6E-11baal	89	3-16-71	60.08	7S- 6E- 9bad2	960	3-18-71	+47.70
6S- 7E- 3ddcl	41	3-16-71	36.83	8S-11E-33cbal	290	3-15-71	170.85
6S-10E-30dbc1	437	3-15-71	251.28	9S-12E-29acd1	530	3-15-71	204.00

b Well pumped recently.

Water levels, in feet below or above (+) land surface, in area 51.



Representative water-level changes in area 51.



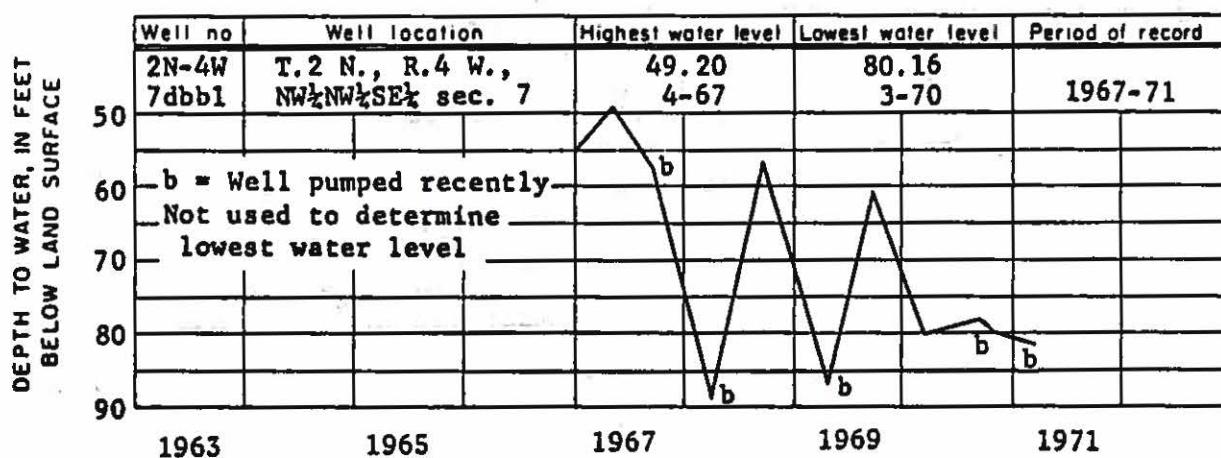
Observation wells and water-level data in area 57 - Grand View to Homedale.

Well number	Depth	Date	Water level	Well number	Depth	Date	Water level
3N- 5W-19dccl	325	3-17-71	a39.15	3S- 1E-35dacl	300	3-17-71	11.90
3N- 4W-30aab1	200	3-17-71	55.24	4S- 2W-11abal	450	3-17-71	7.21
2N- 4W- 7dbbl	1100	3-17-71	b81.29	4S- 1E-30bbb1	320	3-17-71	32.57
1N- 3W-20bdal	155	3-17-71	39.30	5S- 1E-29aaal	666	3-16-71	25.41
1S- 3W- 1bcb1	1800	3-16-71	+7.70	5S- 2E- 5bcd1	2800	3-18-71	+43.95
2S- 2W- 3ccb1	900	3-17-71	33.04	6S- 3E-14bcb1	1341	3-18-71	19.07
3S- 1W- 8cbcl	920	3-16-71	411.58	6S- 4E-15bdal	2000	3-16-71	17.58

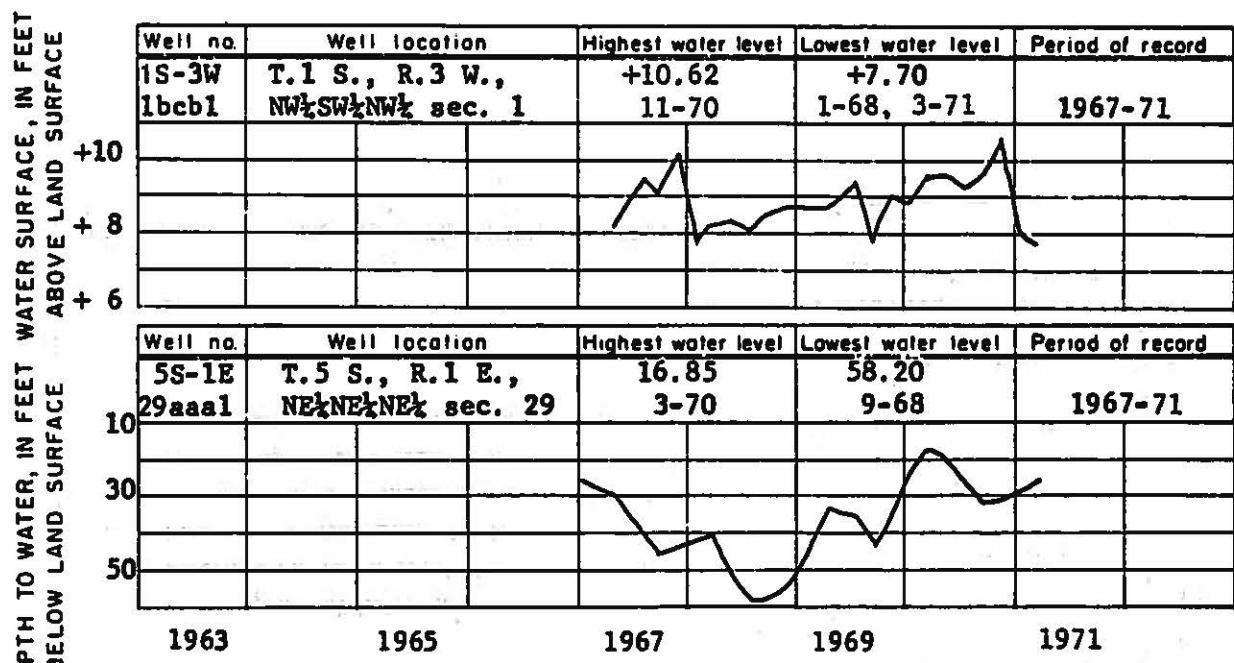
a Well being pumped.

b Well pumped recently.

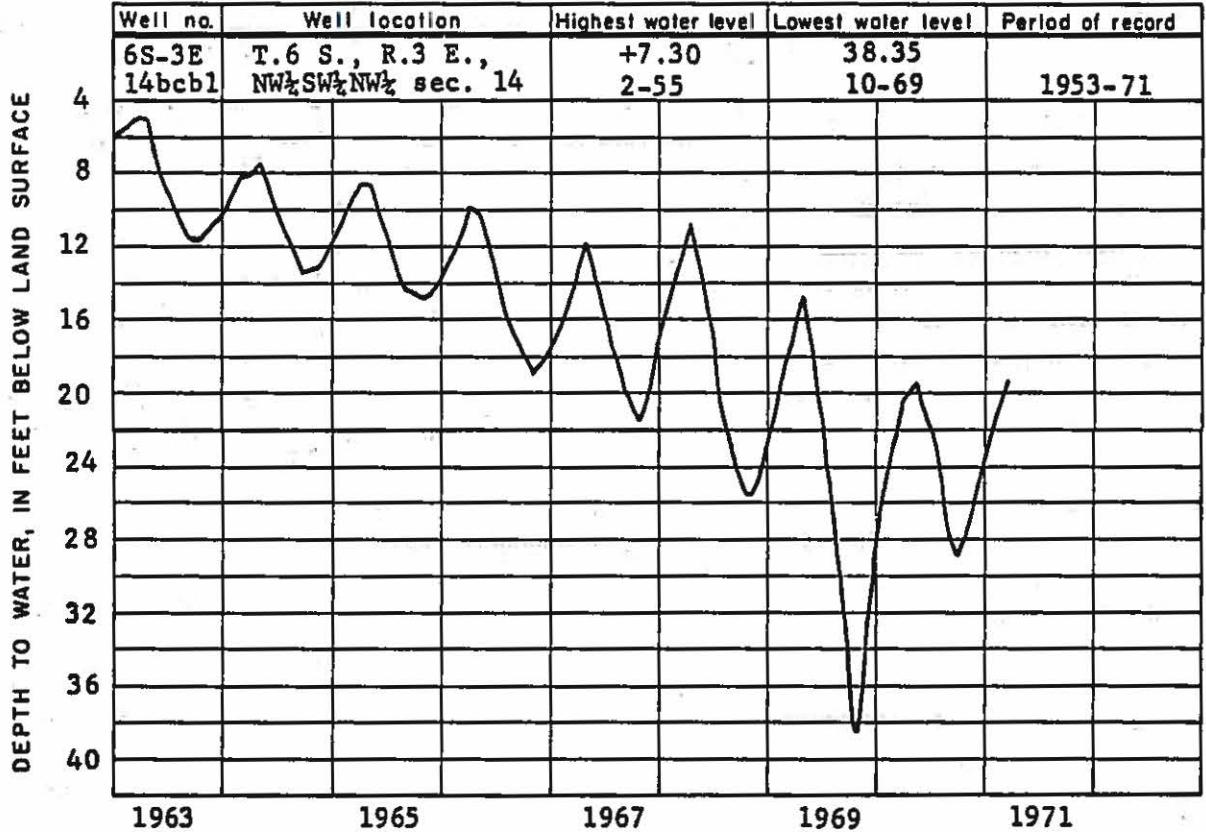
Water levels, in feet below or above (+) land surface, in area 57.



Representative water-level changes in area 57.



### **Representative water-level changes in area 57.**



Representative water-level changes in area 57.

## **EXPLANATION**

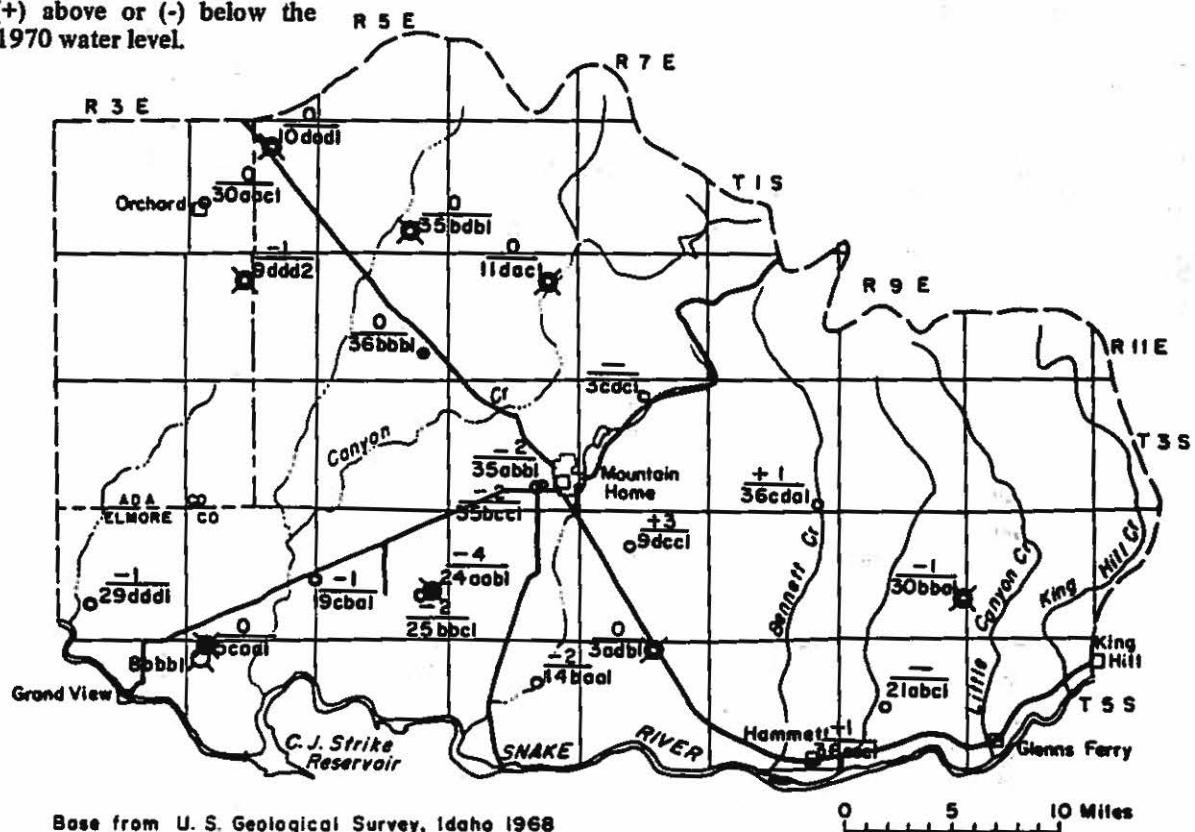
<sup>o</sup> -1  
29ddd1  
Observation well.

Lower number is location index.  
Upper number shows water-level  
change, in feet, Spring 1971. Indi-  
cated (+) above or (-) below the  
Spring 1970 water level.

**36bbb1**  
**Observation well with hydrograph.**

3cdcl  
Dash indicates no figure available.

Indicates geophysical log available for well.



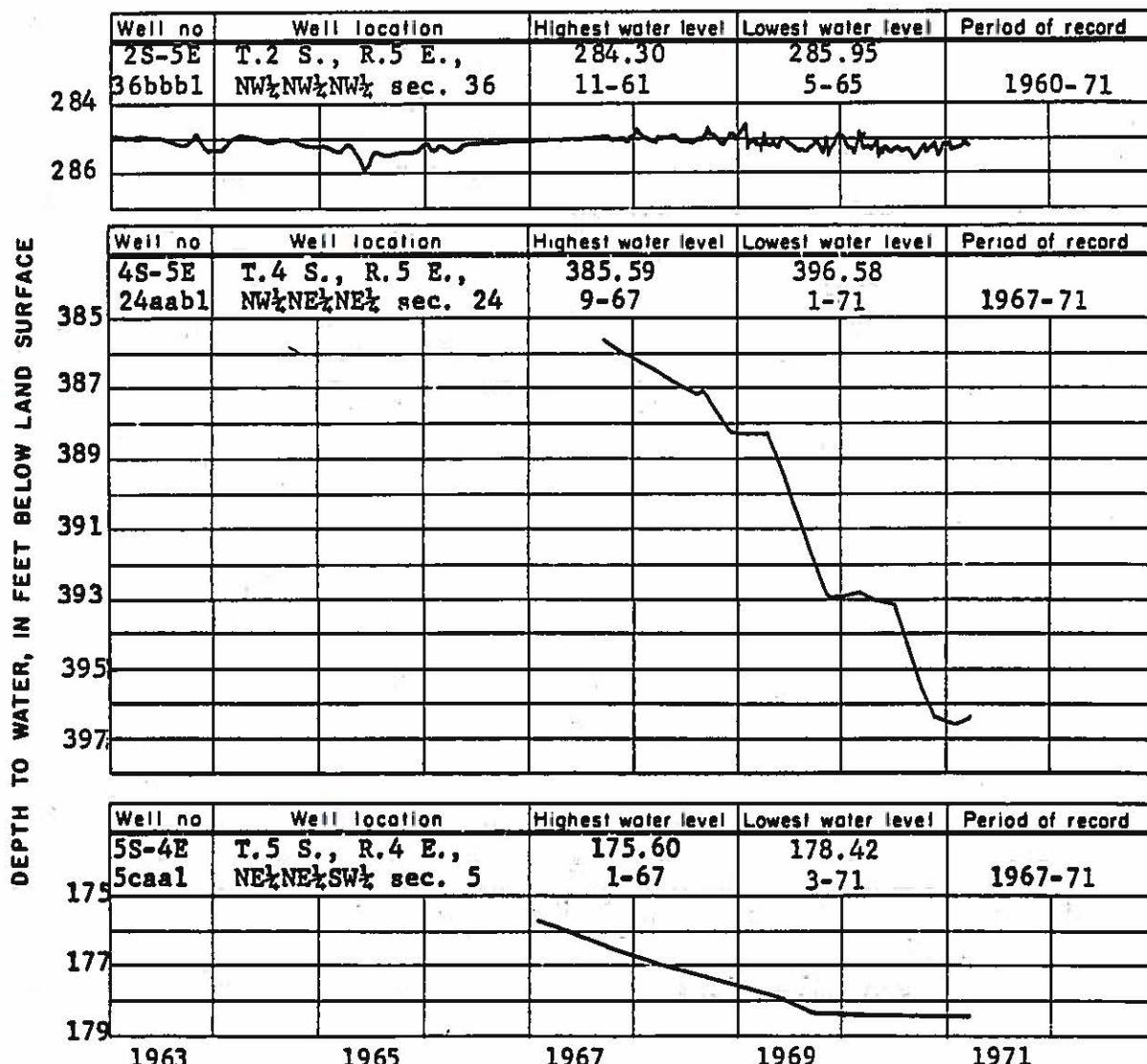
## **Observation wells and water-level data in area 61 - Mountain Home.**

Well number	Depth	Date	Water level	Well number	Depth	Date	Water level
1S- 4E-10dad1	525	3-17-71	341.72	4S- 5E-19cbal	429	3-17-71	325.53
1S- 4E-30aac1	637	3-18-71	486.81	4S- 5E-24aab1	553	3-17-71	396.34
1S- 5E-35bdb1	445	3-17-71	161.48	4S- 5E-25bbc1	518	3-16-71	367.23
2S- 4E- 9ddd2	600	3-18-71	421.55	4S- 7E- 9dcc1	862	3-16-71	1373.53
2S- 5E-36bbb1	357	3-17-71	285.35	4S-10E-30bbal	2265	3-16-71	259.40
2S- 6E-11dac1	1620	3-17-71	107.54	5S- 4E- 5caal	600	3-17-71	178.42
3S- 6E-35abbl	14	3-17-71	3.36	5S- 6E-14baal	408	3-16-71	1382.45
3S- 6E-35bcc1	857	3-17-71	1394.31	5S- 7E- 3adb1	890	3-15-71	410.70
3S- 7E- 3cdcl	411	3-17-71	650.59	5S- 8E-36ccc1	90	3-16-71	61.94
3S- 8E-36cdal	600	3-17-71	+106.24	5S- 9E-21abc1	905	3-16-71	514.78
4S- 3E-29ddd1	100	3-17-71	21.42				

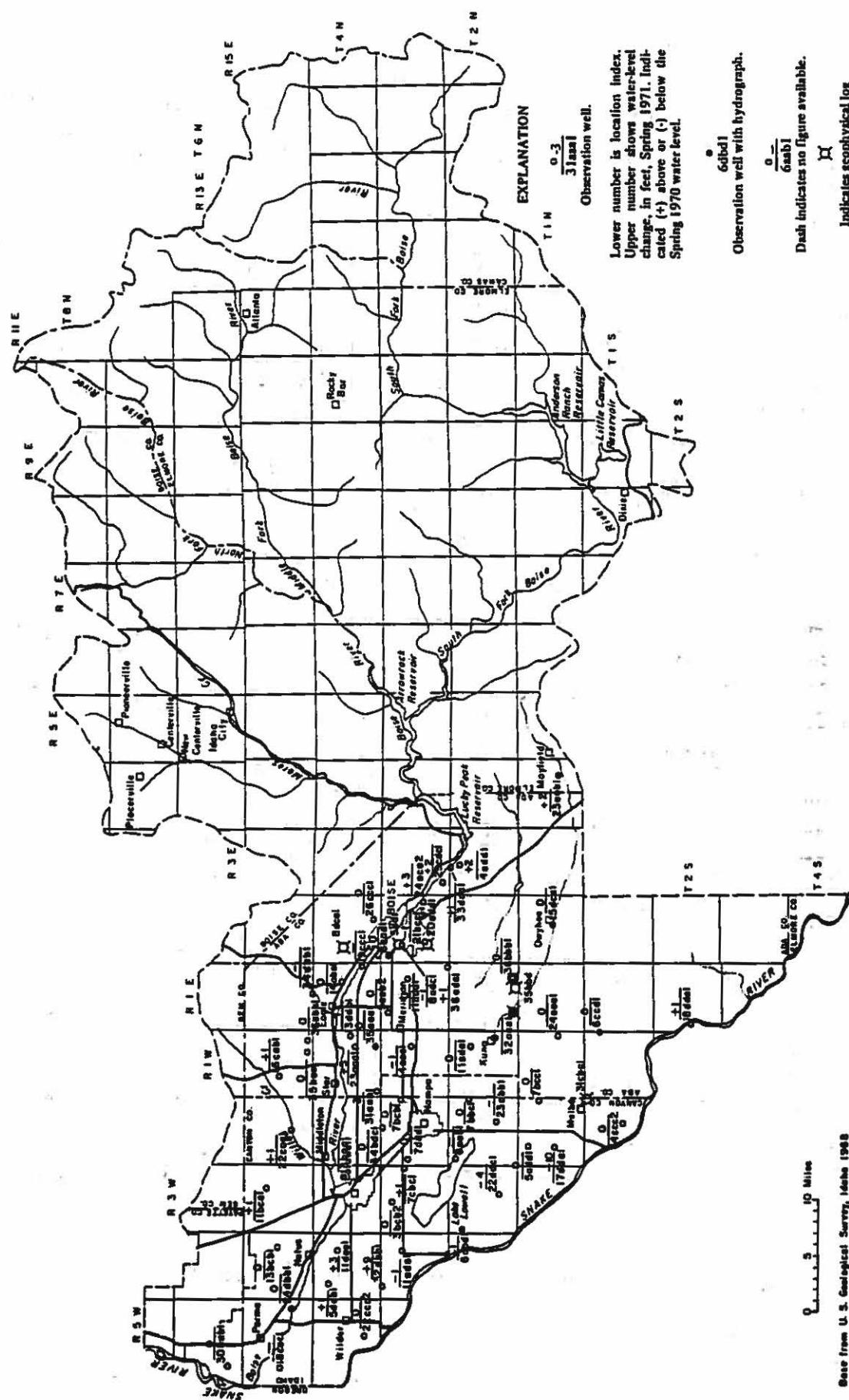
b Well pumped recently.

L Electric tape.

Water levels, in feet below or above (+) land surface, in area 61.



Representative water-level changes in area 61.



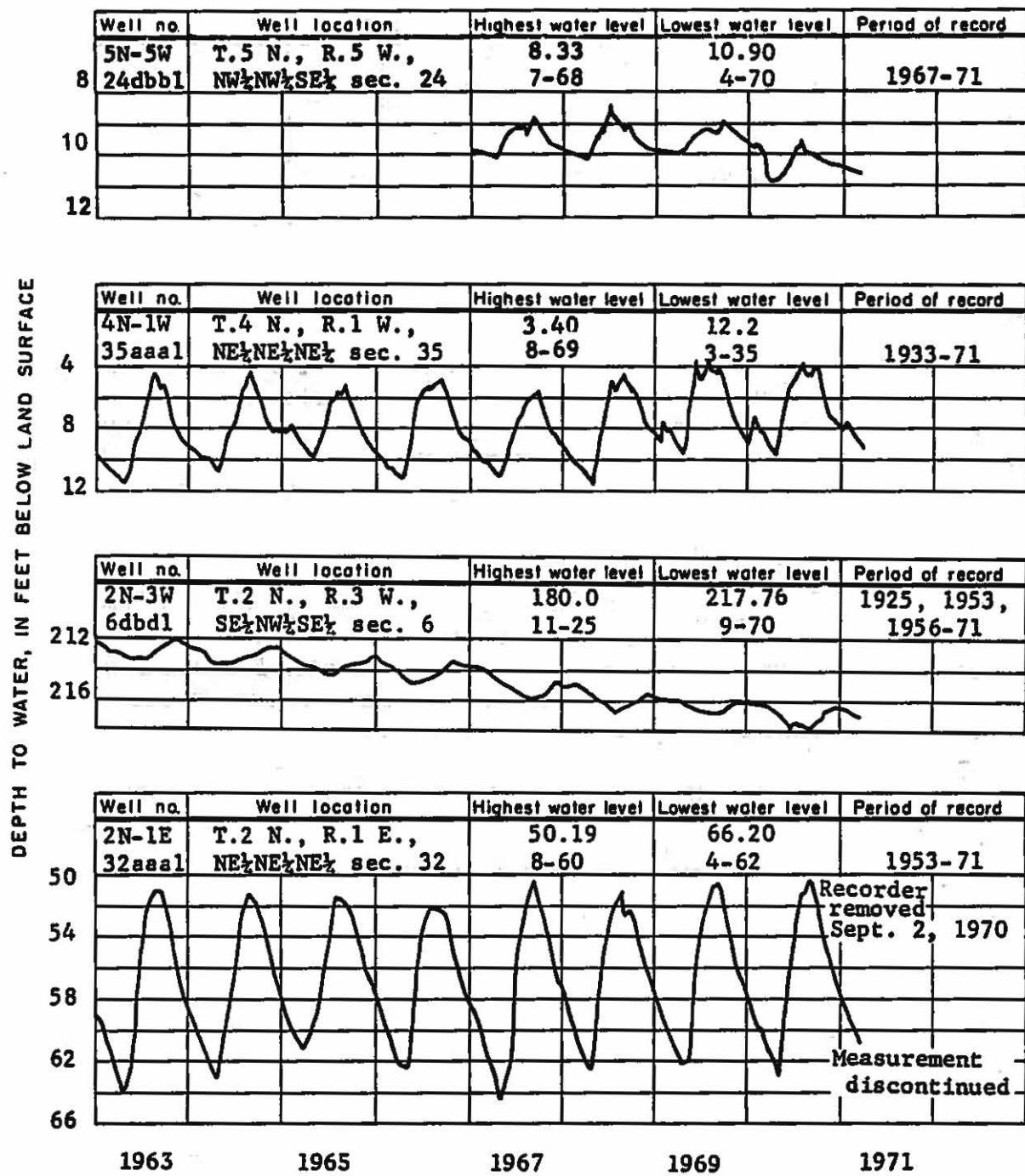
## **Observation wells and water-level data in area 63 - Boise River.**

Well number	Depth	Date	Water level	Well number	Depth	Date	Water level
6N- 5W-30bab1	169	3-15-71	30.15	3N- 1W-14aaal	150	3-17-71	12.09
5N- 5W-18cac1	250	3-15-71	b12.82	3N- 1E- 5aab2	82	3-15-71	11.50
5N- 5W-24dbbl	98	3-15-71	10.63	3N- 1E-11ddd1	126	3-18-71	4.89
5N- 4W-13bcbl	105	3-15-71	19.48	3N- 1E-36adal	330	3-18-71	121.82
5N- 3W-11bcal	365	3-15-71	157.29	3N- 2E- 6aad1	79	3-18-71	32.07
5N- 2W-22caal	450	3-15-71	183.13	3N- 2E- 8adcl	90	3-18-71	29.70
5N- 1W-16cab1	628	3-15-71	188.12	3N- 2E-21bcc1	58	3-18-71	11.94
5N- 1W-35baal	153	3-15-71	61.41	3N- 2E-24aca2	110	3-18-71	35.50
5N- 1W-36abb1	105	3-15-71	76.10	3N- 3E-29cdc1	147	3-18-71	65.12
5N- 1E-34dbbl	175	3-15-71	29.46	3N- 3E-33daal	127	3-18-71	52.48
4N- 5W-22ccc2	37	3-16-71	10.57	2N- 3W- 6dbd1	246	3-16-71	216.88
4N- 4W- 5ddbl	178	3-15-71	+4.66	2N- 3W-22ddcl	580	3-16-71	324.01
4N- 4W-11daal	42	3-15-71	4.97	2N- 2W- 6aab1	132	3-17-71	67.71
4N- 4W-32dbbl	155	3-16-71	36.28	2N- 2W-23ccb1	165	3-16-71	109.01
4N- 3W-13baal	185	-	-	2N- 1W- 7bbcl	103	3-17-71	12.65
4N- 2W-34bdcl	150	3-17-71	11.60	2N- 1W-11adal	130	3-17-71	79.09
4N- 1W-13ddb1	130	3-19-71	+8.95	2N- 1E-32aaal	208	3-17-71	60.86
4N- 1W-23aaal	166	3-19-71	+12.40	2N- 1E-36bbb1	305	3-17-71	250.39
4N- 1W-31aaal	462	3-17-71	+25.55	2N- 3E- 4add1	42	3-18-71	31.77
4N- 1W-35aaal	44	3-20-71	9.14	1N- 2W- 5add1	720	3-16-71	131.39
4N- 1E-14abal	100	3-15-71	26.42	1N- 2W-17ddal	565	3-16-71	206.59
4N- 2E-19cccl	104	3-15-71	7.21	1N- 1W- 7bcc1	408	3-16-71	252.79
4N- 2E-26cccl	741	3-18-71	84.75	1N- 1W-24aaal	366	3-17-71	300.30
3N- 4W-11adal	88	3-16-71	12.71	1N- 2E-15dcal	600	3-17-71	362.49
3N- 3W- 3bcb2	94	3-16-71	14.48	1N- 4E-23aab1	68	3-17-71	123.43
3N- 2W- 7cbcl	196	3-16-71	6.22	1S- 2W-14ccc2	235	3-16-71	47.02
3N- 2W- 7ddd1	100	3-16-71	10.18	1S- 1E- 6ccdl	560	3-17-71	434.78
3N- 1W- 7bcb1	51	3-17-71	3.31	2S- 1E-18ddal	40	3-17-71	10.89

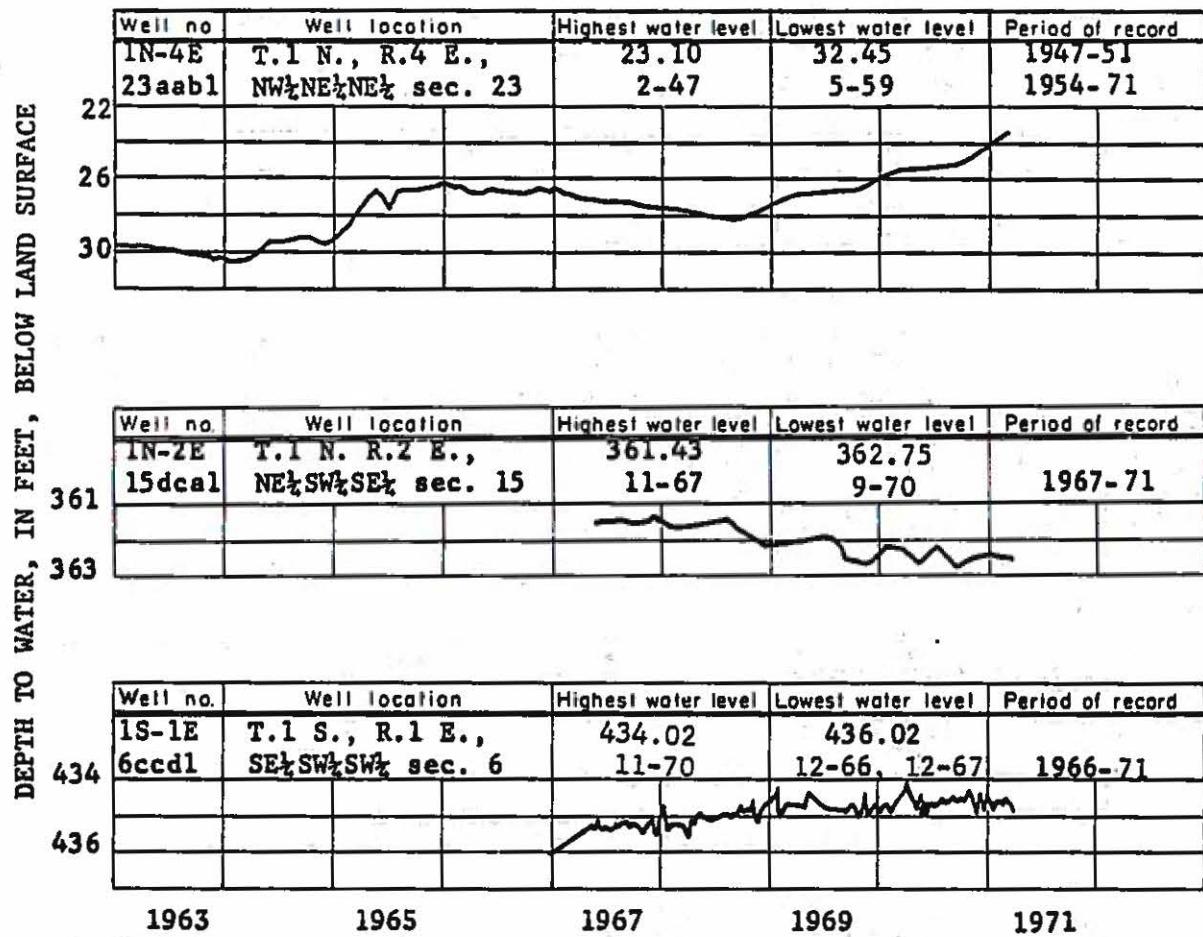
b Well pumped recently.

L Electric tape.

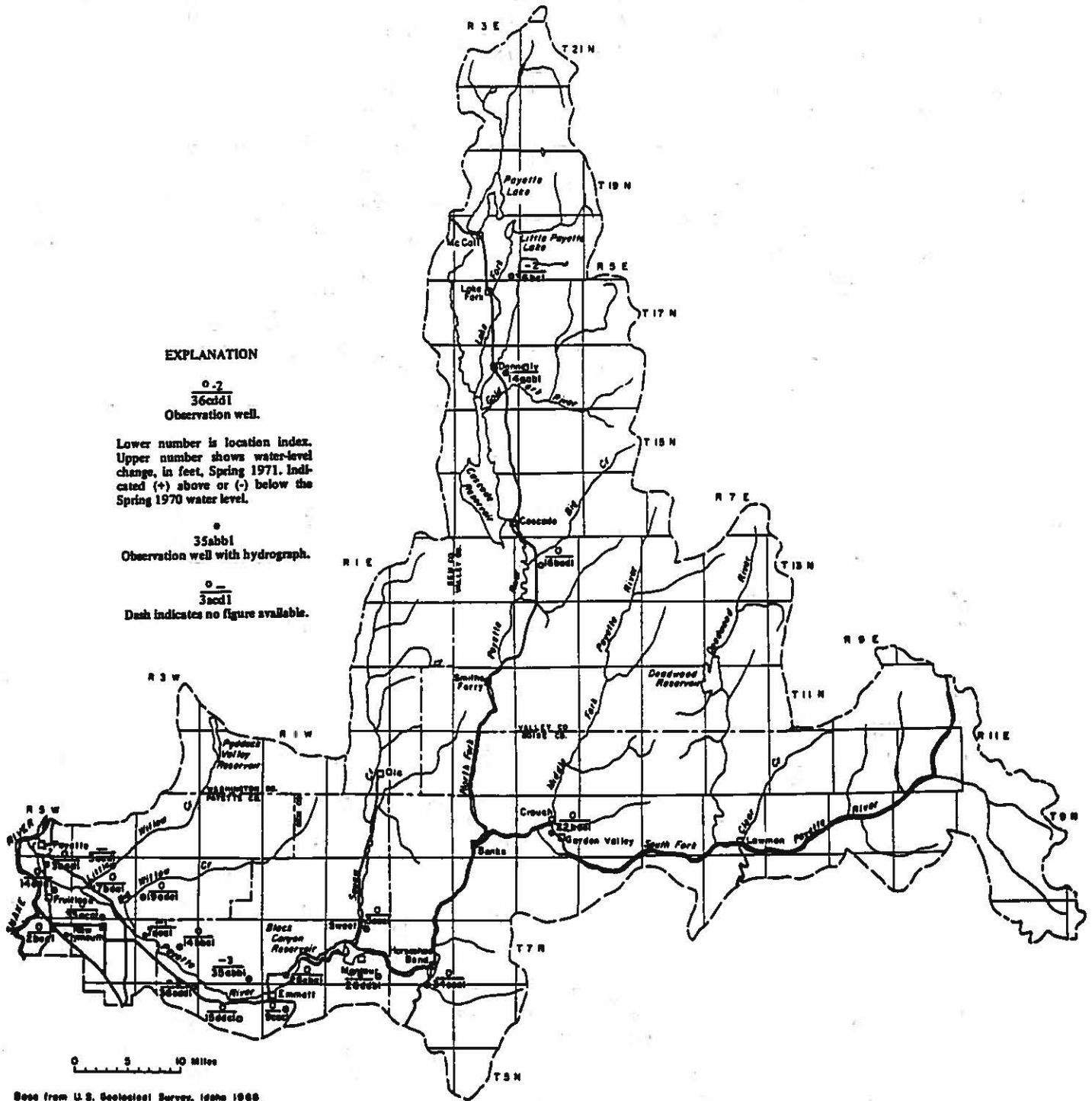
Water levels, in feet below or above (+) land surface, in area 63.



### **Representative water-level changes in area 63.**



Representative water-level changes in area 63.

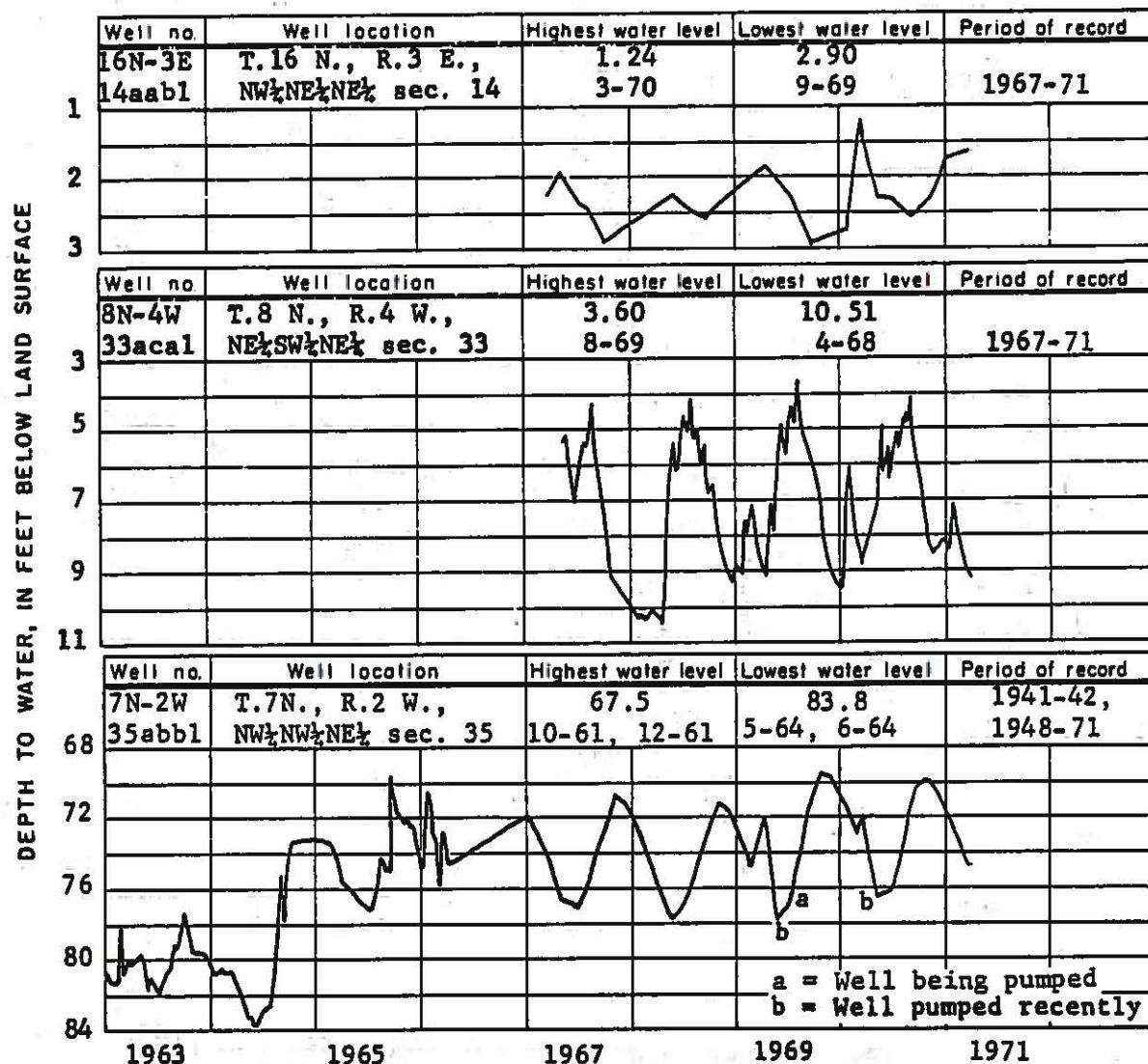


Observation wells and water level data in area 65 - Payette River.

Well number	Depth	Date	Water level	Well number	Depth	Date	Water level
18N- 3E-36bc 1	160	3-15-71	44.31	7N- 3W- 7aaal	65	3-16-71	+11.95
16N- 3E-14aab1	100	3-15-71	1.67	7N- 3W-14bbcl	170	3-16-71	105.57
13N- 4E-16bad1	84	3-15-71	22.17	7N- 3W-36cdd1	82	3-16-71	+9.15
9N- 4E-22bdd1	111	3-15-71	54.61	7N- 2W-35abb1	99	3-16-71	74.69
8N- 5W- 3bad1	26	3-16-71	8.43	7N- 1W-28cbc1	64	3-16-71	41.90
8N- 5W-14cdd1	42	3-16-71	30.55	7N- 1E- 3acc1	6	3-15-71	2.70
8N- 4W- 3acd1	183	3-16-71	b69.24	7N- 1E-26ddb1	400	3-15-71	34.92
8N- 4W-17bdal	18	3-16-71	10.74	7N- 2E-34caal	45	3-15-71	37.88
8N- 4W-33acal	29	3-16-71	9.17	6N- 2W-15ddcl	20	3-16-71	6.90
8N- 3W-19adcl	600	3-16-71	30.29	6N- 1W- 9cccl	385	3-16-71	26.29
7N- 5W- 2bcc1	55	3-16-71	34.53				

b Well pumped recently.

Water levels, in feet below or above (+) land surface, in area 65.



Representative water-level changes in area 65.

## EXPLANATION

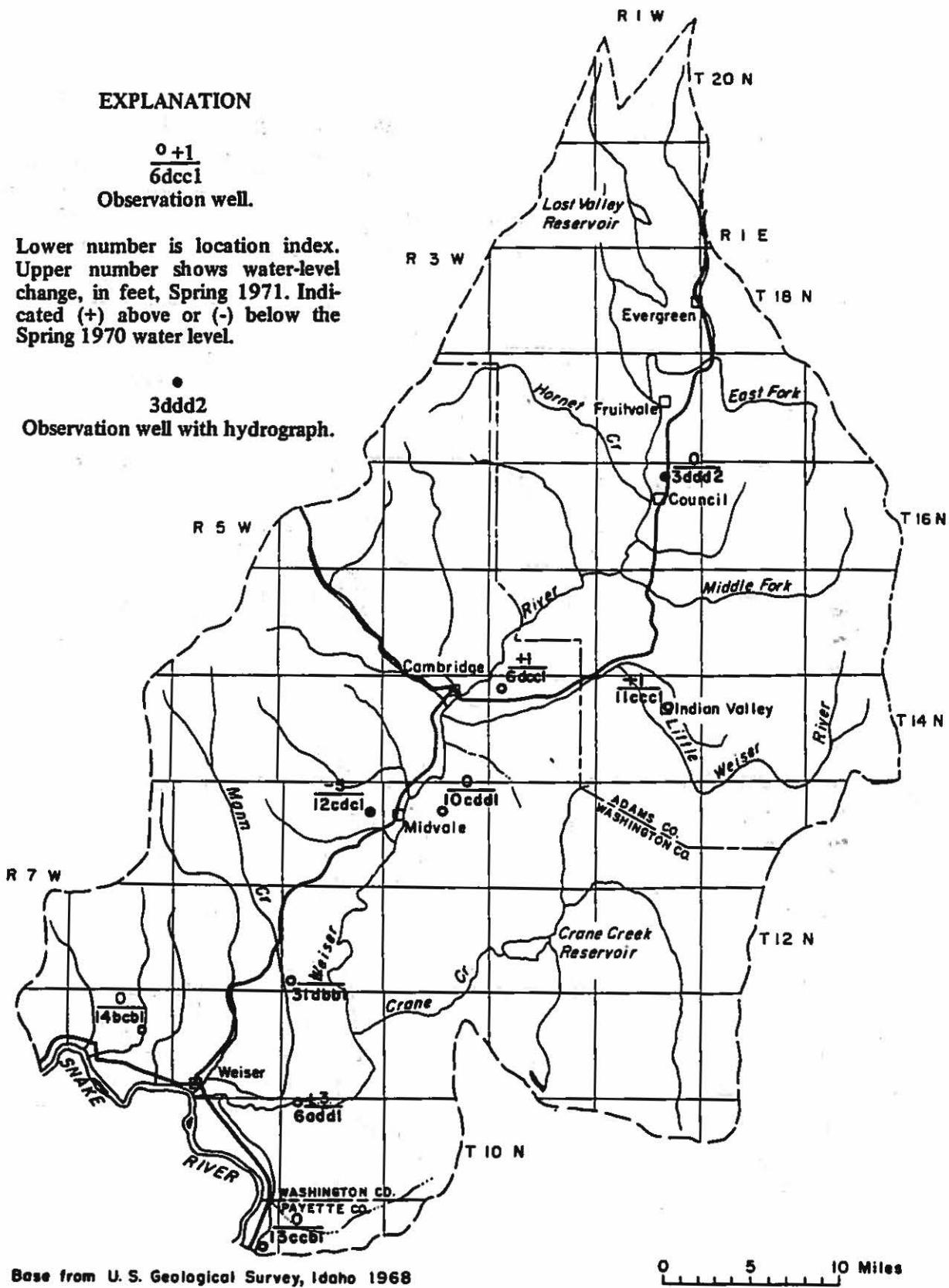
$\frac{0+1}{6dccl}$

Observation well.

Lower number is location index.  
Upper number shows water-level  
change, in feet, Spring 1971. Indi-  
cated (+) above or (-) below the  
Spring 1970 water level.

• 3ddd2

Observation well with hydrograph.



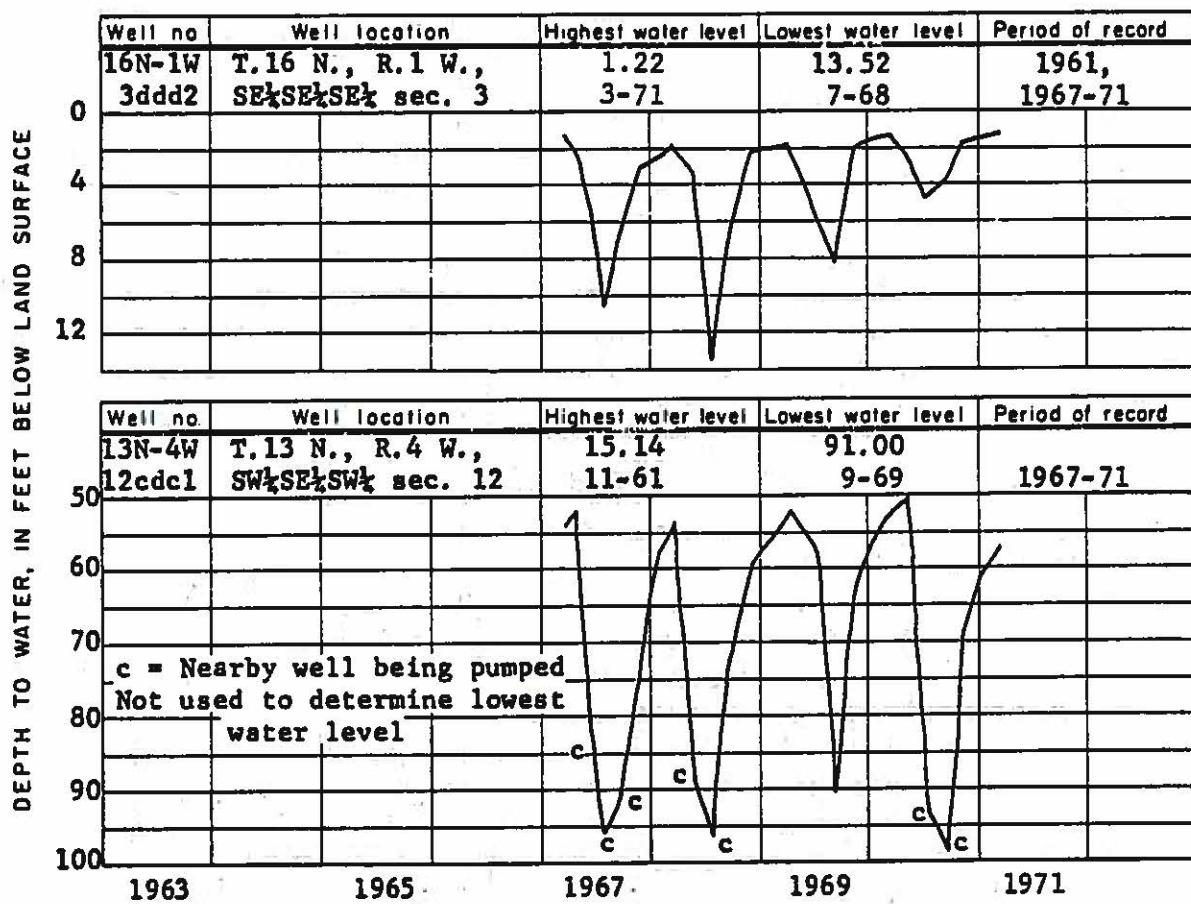
Base from U. S. Geological Survey, Idaho 1968

0 5 10 Miles

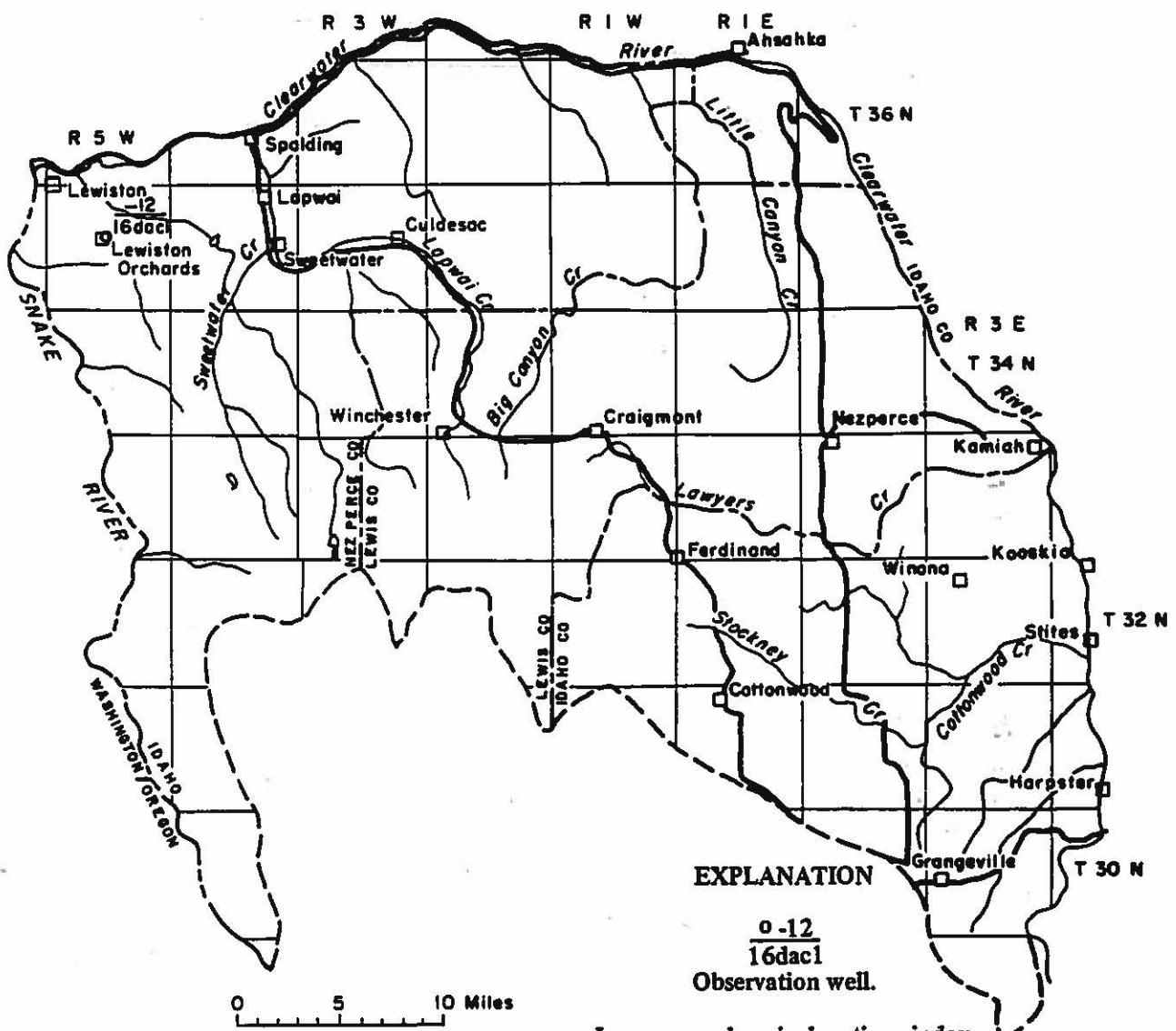
Observation wells and water-level data in area 67 - Weiser River.

Well number	Depth	Date	Water level	Well number	Depth	Date	Water level
16N- 1W- 3ddd2	79	3-15-71	1.22	12N- 4W-31dbbl	95	3-15-71	38.47
14N- 2W- 6dccl	398	3-15-71	+10.21	11N- 6W-14bcb1	72	3-15-71	30.05
14N- 1W-11cccl	163	3-15-71	6.73	10N- 4W- 6add1	-	3-15-71	+48.50
13N- 4W-12cdcl	170	3-15-71	57.49	9N- 5W-13ccb1	88	3-16-71	56.91
13N- 3W-10cdcl	320	3-15-71	1.25				

Water levels, in feet below or above (+) land surface, in area 67.



Representative water-level changes in area 67.

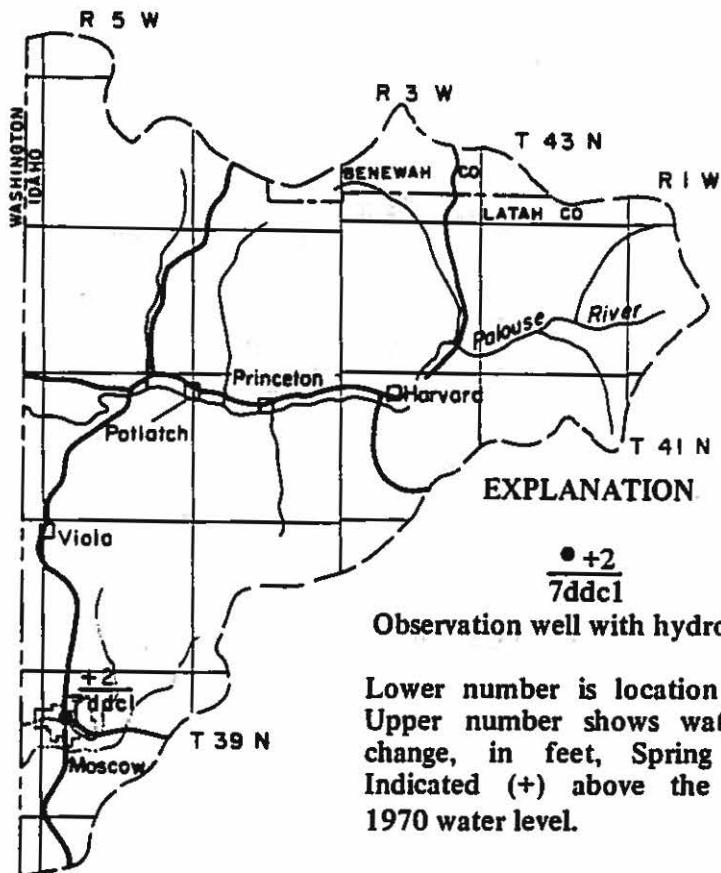


Lower number is location index.  
Upper number shows water-level  
change, in feet, Spring 1971.  
Indicated (+) above or (-) below the  
Spring 1970 water level.

Observation wells and water-level data in area 85 - Camas Prairie-Lewiston.

Well number	Depth	Date	Water level
35N- SW-16dacl	-	3-13-71	33.25

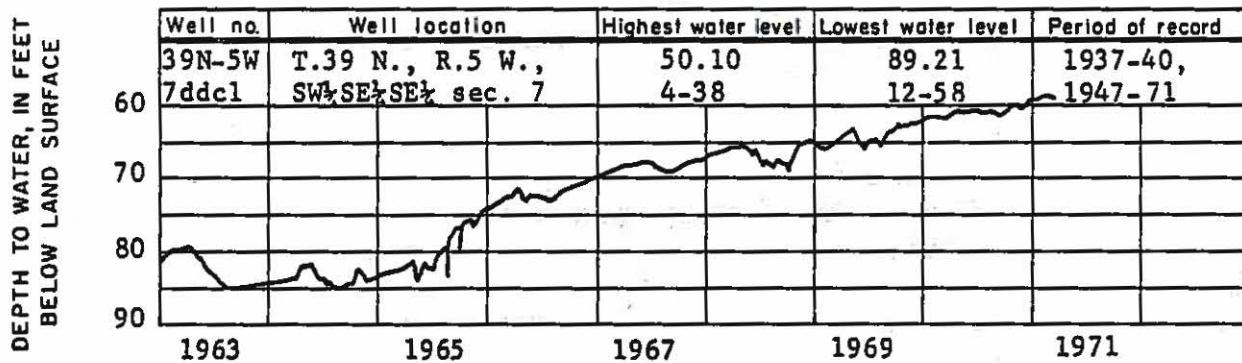
Water level, in feet below land surface in area 85.



Observation well and water-level data in area 87 - Palouse River.

Well number	Depth	Date	Water level
39N- 5W- 7ddcl	240	3-15-71	59.16

Water level in feet below land surface, in area 87.



Representative water-level changes in area 87.

## EXPLANATION

18dcc1

Observation well with hydrograph.

0 -

33bbal

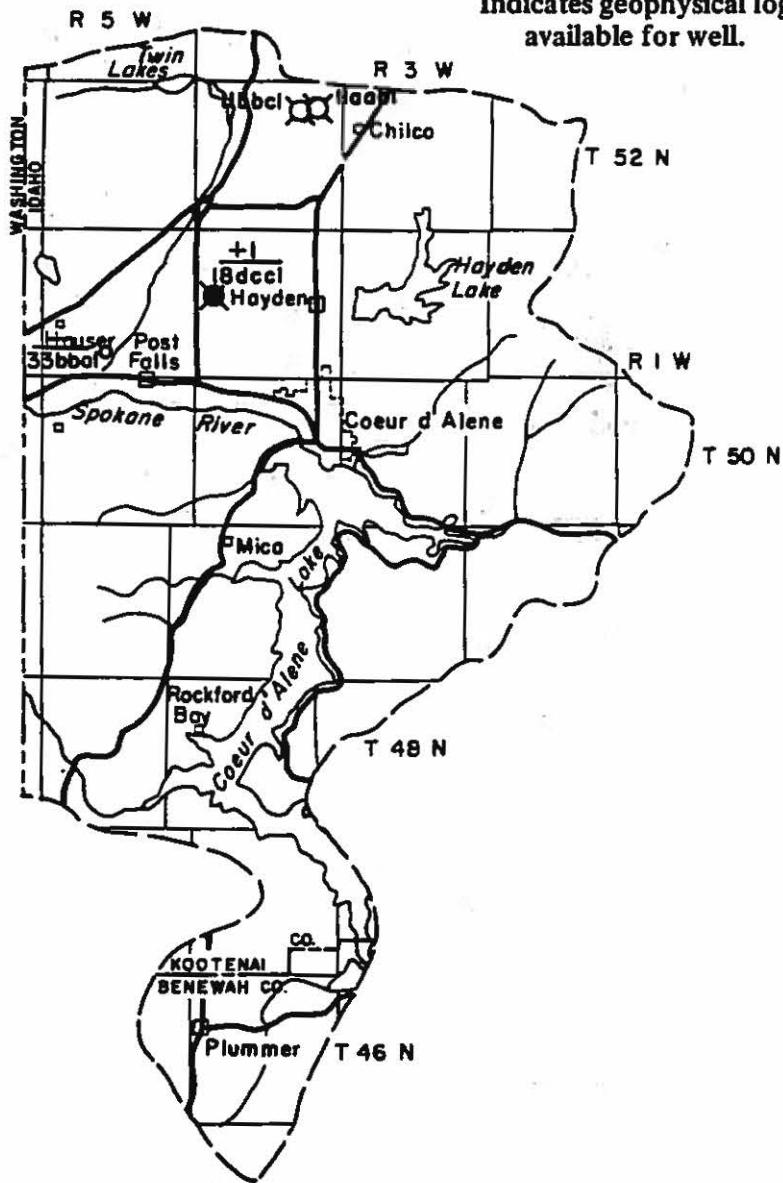
Observation well.

Lower number is location index.  
Upper number shows water-level  
change, in feet, Spring 1971. Indi-  
cated (-) below the Spring 1970  
water level.

Dash indicates no figure available.



Indicates geophysical log  
available for well.



Base from U. S. Geological Survey, Idaho 1968

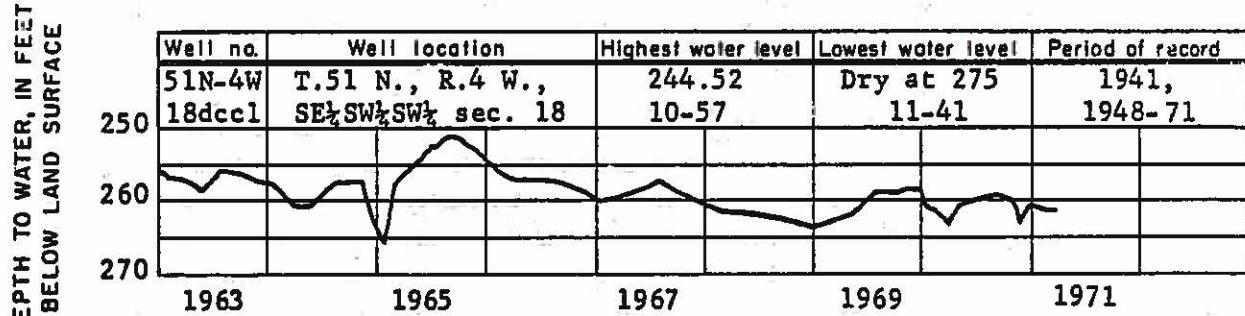
0      5      10 Miles

Observation wells and water-level data in area 95 - Lake Coeur d'Alene - Rathdrum Prairie.

Well number	Depth	Date	Water level	Well number	Depth	Date	Water level
51N- 5W-33bbal	174	3-18-71	153.26	51N- 4W-18dccl	275	3-18-71	261.53

b Well pumped recently.

Water levels, in feet below land surface, in area 95.



Representative water-level changes in area 95.

**EXPLANATION**

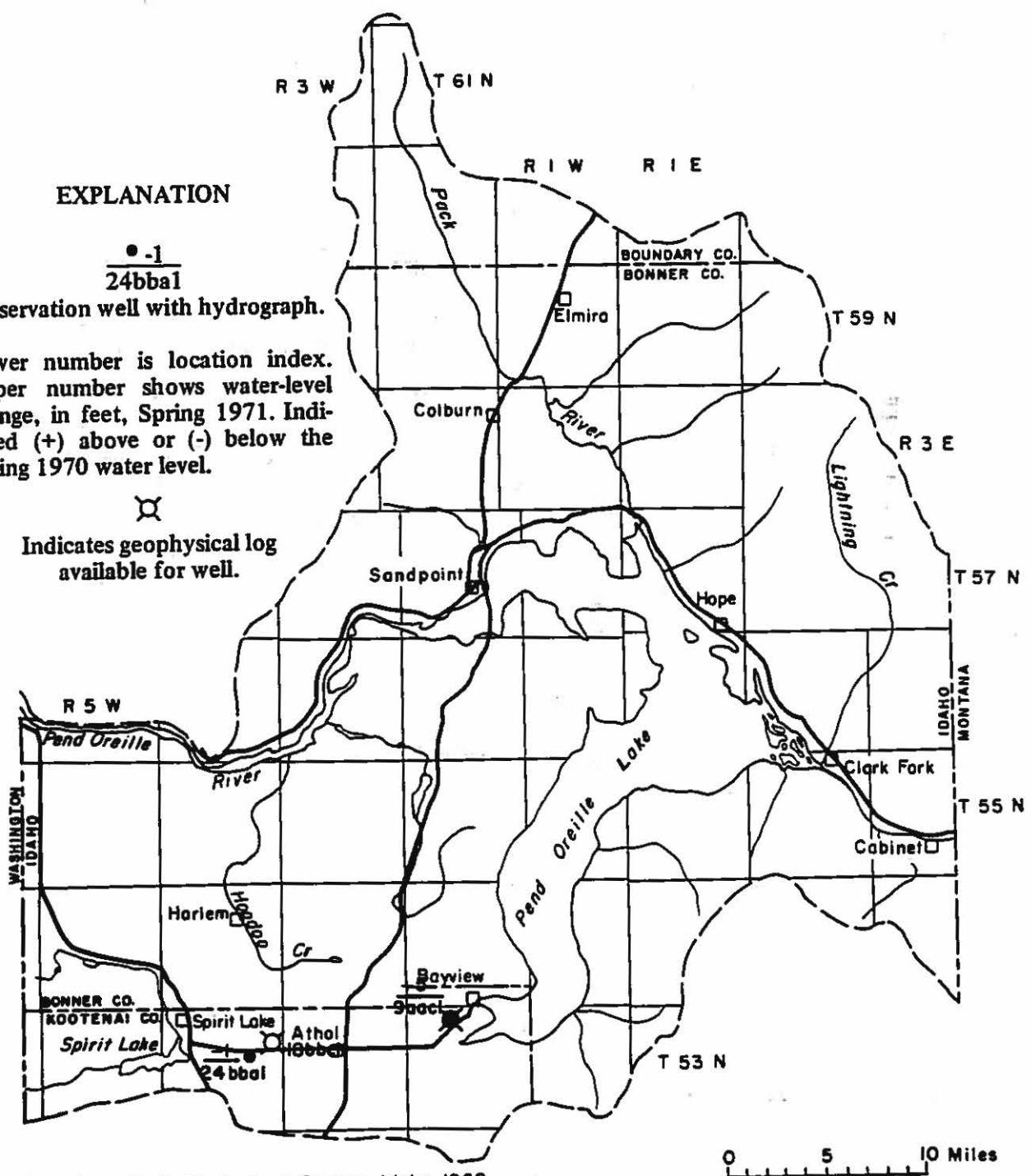
• -1  
24bbal

Observation well with hydrograph.

Lower number is location index.  
Upper number shows water-level  
change, in feet, Spring 1971. Indicated  
(+) above or (-) below the  
Spring 1970 water level.



Indicates geophysical log  
available for well.

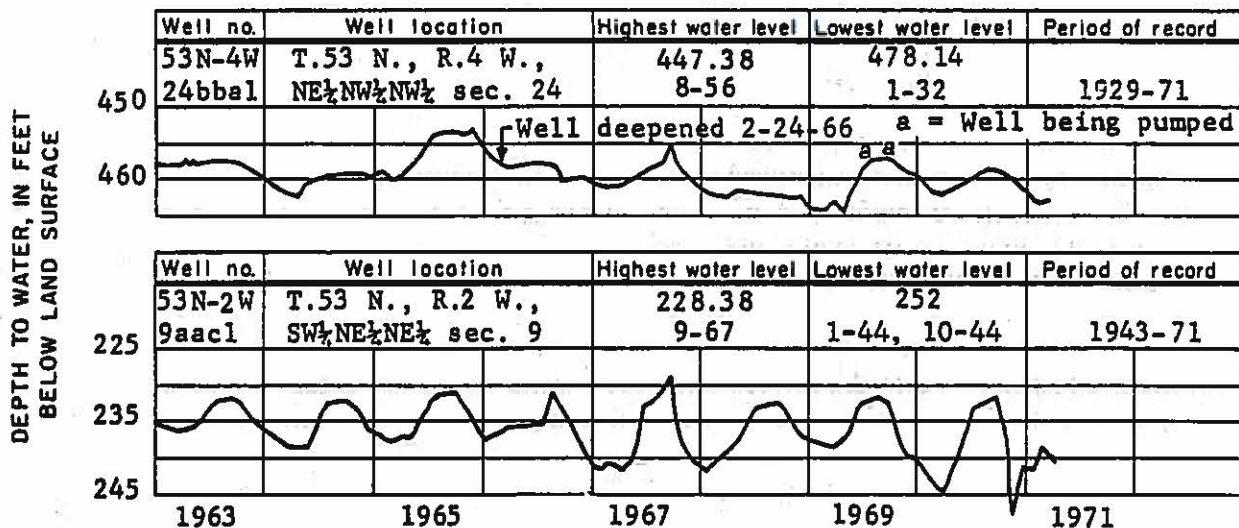


Base from U. S. Geological Survey, Idaho 1968

Observation wells and water-level data in area 96 - Pend Oreille.

Well number	Depth	Date	Water level	Well number	Depth	Date	Water level
53N- 4W-24bbal	485	3-18-71	462.93	53N- 2W- 9aac1	351	3-18-71	240.15

Water levels, in feet below land surface, in area 96.



Representative water-level changes in area 96.