



**EXPLANATION**

Reference number—12 Thermal spring  
 Water temperature 27.0 at surface (°C) 46 Na-K-Ca temperature (°C)  
 Silica temperature (°C)  
 Silica temperature from Fournier and Rowe (1966), assuming conductive heat loss and equilibrium with quartz (undersaturated temperatures are in equilibrium with chalcedony). Silica concentrations corrected for  $H_2SiO_4$  (Brook and others, 1979)  
 Na-K-Ca temperatures from Fournier and Truesdell (1973). Magnesium correction applied where suitable (Fournier and Potter, 1979)  
 17AAB1S Nonthermal spring and number or name

Reference number	Spring number or name	Reference number	Spring number or name	Reference number	Spring number or name
1	Colgate Hot Springs	24	16N-21E-12BCD1S	59	12N-5E-2DAC1S
2	Weir Creek Hot Springs	25	17N-6E-2BAB1S	60	22BC1S
3	Jerry Johnson Hot Springs	26	17N-7E-31BCB1S	61	36DBA1S
4	Running Creek Hot Springs	27	Kwikwis Hot Springs	62	12N-11E-2CDB1S
5	Red River Hot Springs	28	17N-11E-16ACB1S	63	12N-20E-10CDB1S
6	Barth Hot Springs	29	17N-13E-27ACC1S	64	11N-5E-29CDB1S
7	Unnamed Hot Spring	30	27ADB1S	65	11N-7E-16AAB1S
8	Horse Creek Hot Springs	31	Hospital Hot Springs	66	11N-13E-36BAA1S
9	24N-2E-14DAC1S	32	Lower Loon Creek Hot Springs	67	Sunbeam Hot Springs
10	Owl Creek Hot Springs	33	16N-4E-35CDB1S	68	Robinson Bar Hot Springs
11	Big Creek Hot Springs	34	16N-4E-14CCB1S	69	11N-17E-27BDD1S
12	22N-1E-34DAD1S	35	16N-10E-14CDA1S	70	10N-4E-33CDB1S
13	22N-2E-23CCB1S	36	16N-12E-8DDC1S	71	10N-10E-31BCB1S
14	22N-4E-1BDC1S	37	15BBA1S	72	10N-11E-31ADD1S
15	21N-1E-23ABA1S	38	17DAD1S	73	10N-13E-3CAB1S
16	20N-1E-26DB1S	39	16N-21E-18ADC1S	74	Slate Creek Hot Springs
17	20N-5E-13BCC1S	40	15N-3E-13BBC1S	75	9N-3E-25BAC1S
18	20N-22E-3ABD1S	41	15N-4E-21DCC1S	76	9N-6E-31ACA1S
19	20N-24E-34CC1S	42	15N-6E-14ABB1S	77	32CBA1S
20	16N-2E-22CCA1S	43	14ACC1S	78	9N-14E-19BAA1S
21	19N-14E-26DD1S	44	14ACC1S	79	8N-5E-1BCC1S
22	18N-6E-9ADC1S	45	17DCC1S	80	6DCB1S
23	Forge Creek Hot Springs	46	15N-10E-24BBB1S	81	6DCC1S
		47	29BDA1S	82	10ADD1S
		48	Loon Creek Hot Springs	83	10BDD1S
		49	Hot Creek Hot Springs	84	11BAA1S
		50	Showers Bath Hot Springs	85	8N-6E-1ADB1S
		51	15N-26E-21CAD1S	86	8N-14E-27BDD1S
		52	14N-6E-11BDA1S	87	8N-17E-31DCB1S
		53	Dagger Creek Hot Springs	88	32BCA1S
		54	14N-19E-23DD1S	89	7N-1E-8DDA1S
		55	13N-3E-13ADA1S	90	14N-6E-11BDA1S
		56	13N-4E-31CAB1S	91	6N-5E-33ABC1S
		57	13N-6E-29DAB1S	92	33ADC1S
		58	Bear Valley Hot Springs	93	6N-10E-30CDA1S
				94	6N-11E-30ADB1S
				95	35DAD1S
				96	35DBB1S
				97	5N-7E-24BDD1S
				98	34CCB1S
				99	34DBA1S
				100	5N-8E-10DCA1S
				101	5N-9E-5AAD1S
				102	7BAB1S
				103	4N-6E-24BCB1S
				104	4N-7E-6CBB1S
				105	4N-11E-34DBB1S
				106	4N-14E-29DCD1S
				107	3N-10E-33ACD1S
				108	3N-12E-7DCD1S
				109	3N-13E-7DCD1S
				110	3N-14E-19DDB1S
				111	28CAD1S
				112	2N-10E-5ADA1S

**LOCATIONS OF SAMPLED THERMAL SPRINGS, WATER TEMPERATURES, ESTIMATED RESERVOIR TEMPERATURES, AND SELECTED NONTHERMAL SPRINGS, IDAHO BATHOLITH AND ADJACENT AREAS, CENTRAL IDAHO**