

# Quality of Surface Waters of the United States 1952

Parts 9-14. Colorado River Basin to Pacific  
Slope Basins in Oregon and Lower Columbia  
River Basin

*Prepared under the direction of S. K. LOVE, Chief, Quality of Water Branch*

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GEOLOGICAL SURVEY WATER-SUPPLY PAPER 1253

*Prepared in cooperation with the States of  
California and Utah, U. S. Bureau of  
Reclamation, and with other agencies*



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UNITED STATES GOVERNMENT PRINTING OFFICE, WASHINGTON : 1957

Encl 3-1

SNAKE RIVER MAIN STEM--Continued

SNAKE RIVER NEAR CLARKSTON, WASH.--Continued

Temperature (°F) of water, November 1951 to September 1952

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1		--	40	--	39	38	46	51	56	63	71	63
2		--	--	--	39	38	46	51	57	64	72	65
3		--	37	--	39	39	46	52	59	64	72	64
4		--	35	35	40	39	47	52	61	70	72	64
5		--	--	35	38	39	49	54	61	65	72	65
6		--	39	38	38	39	50	52	60	66	72	65
7		--	40	35	39	39	50	53	59	66	71	65
8		--	39	36	38	40	48	56	61	66	73	63
9		--	--	35	39	40	47	54	60	66	73	64
10		--	39	36	39	41	47	53	60	69	73	64
11		--	--	35	38	42	48	54	59	70	73	63
12		--	38	37	38	42	48	55	58	72	72	63
13		--	39	38	38	42	49	56	52	72	71	61
14		43	39	32	37	42	49	56	57	71	73	61
15		--	40	38	37	42	49	56	57	71	71	59
16		42	--	37	37	43	49	53	59	71	69	60
17		42	42	37	37	43	50	54	59	70	70	60
18		--	--	36	37	43	51	55	61	69	--	60
19		40	--	36	37	42	52	58	62	69	68	61
20		41	--	35	37	43	51	56	63	70	67	61
21		40	--	37	--	43	50	55	62	67	69	62
22		--	--	34	36	43	49	54	61	67	68	62
23		--	--	34	--	43	51	56	60	68	69	59
24		--	--	35	36	46	53	58	61	67	69	61
25		--	--	36	37	44	55	58	58	68	69	61
26		43	--	37	37	45	55	57	59	69	67	62
27		43	--	37	38	46	56	57	60	70	65	65
28		38	--	38	39	46	56	57	63	71	68	60
29		46	--	38	38	46	54	57	59	71	65	59
30		--	--	39	--	46	51	56	62	71	64	62
31		--	--	39	--	45	--	58	--	72	66	--
Average		--	--	36	38	42	50	55	60	69	70	62

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# Quality of Surface Waters of the United States 1953

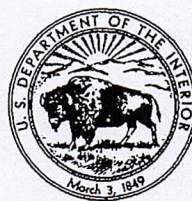
Parts 9-14. Colorado River Basin to Pacific  
Slope Basins in Oregon and Lower Columbia  
River Basin

*Prepared under the direction of S. K. LOVE, chief, Quality of Water Branch*

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GEOLOGICAL SURVEY WATER-SUPPLY PAPER 1293

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UNITED STATES GOVERNMENT PRINTING OFFICE, WASHINGTON : 1958

Encl 4-1

SLAKE RIVER MAIN STEM--Continued  
 SLAKE RIVER NEAR CLARKSTON, WASH.--Continued

Temperature (°F) of water, water year October 1952 to September 1953  
 (Once-daily measurement at approximately 8 a.m.)

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	58	51	35	37	45	42	49	50	56	61	70	65
2	62	48	36	38	45	42	47	50	58	61	68	65
3	61	48	37	38	45	41	49	50	56	62	70	65
4	61	45	37	39	45	43	48	52	56	63	70	64
5	58	46	37	39	45	42	49	54	55	64	--	64
6	57	--	37	39	45	42	50	56	55	64	71	64
7	57	44	39	40	45	44	50	56	55	65	72	64
8	57	42	39	40	44	46	50	55	55	61	72	65
9	58	42	37	42	42	44	50	53	55	61	71	66
10	57	45	39	42	42	47	47	51	55	66	70	64
11	58	47	38	42	43	47	48	53	57	67	70	66
12	56	44	39	42	42	46	48	53	57	69	71	68
13	60	47	39	42	43	47	48	54	57	70	70	67
14	52	46	39	43	42	45	49	54	57	70	70	67
15	52	44	38	42	42	46	48	55	57	70	69	67
18	53	44	40	43	43	47	50	56	58	69	71	66
17	53	45	40	42	42	46	52	57	58	70	70	65
18	56	44	39	42	43	45	52	56	58	--	69	65
19	55	44	39	43	41	45	50	56	58	70	70	65
20	53	45	39	43	41	45	49	55	57	69	71	60
21	51	44	40	43	43	45	51	54	57	69	70	60
22	55	40	36	44	39	47	50	53	58	69	67	61
23	55	40	39	43	39	45	50	53	58	69	69	62
24	56	40	37	44	39	47	52	53	59	67	66	60
25	51	39	36	45	40	49	50	52	59	69	66	56
26	51	39	36	44	42	48	56	53	59	67	66	59
27	52	37	36	43	45	49	50	54	59	68	67	59
28	50	36	36	41	45	49	49	54	60	68	67	61
29	52	34	37	42	--	50	51	56	59	69	66	57
30	51	34	37	43	--	49	50	55	60	69	70	57
31	52	--	38	43	--	49	--	55	--	70	65	--
Average	55	43	38	42	43	45	50	54	57	67	69	63

# Quality of Surface Waters of the United States 1954

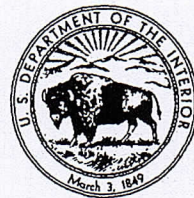
Parts 9-14. Colorado River Basin to Pacific  
Slope Basins in Oregon and Lower Columbia  
River Basin

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GEOLOGICAL SURVEY WATER-SUPPLY PAPER 1353

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UNITED STATES GOVERNMENT PRINTING OFFICE, WASHINGTON : 1959

Encl 5-1

SNAKE RIVER MAIN STEM--Continued  
 SNAKE RIVER NEAR CLARKSTON, WASH.--Continued

Temperature (°F) of water, water year October 1953 to September 1954												
Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	57	51	46	38	42	45	45	50	54	61	69	67
2	55	49	46	41	45	46	46	54	54	63	69	66
3	59	47	45	38	43	44	46	51	55	63	69	66
4	55	48	48	41	43	42	47	51	55	68	65	65
5	55	48	44	42	43	45	47	54	56	69	65	66
6	55	48	44	41	43	45	47	54	55	68	69	65
7	58	49	--	42	41	44	47	55	56	70	65	65
8	55	51	--	42	44	45	49	56	57	69	67	61
9	--	47	--	42	43	47	--	56	56	68	69	61
10	56	49	--	39	42	47	48	57	55	68	67	62
11	60	46	--	--	41	46	51	55	56	68	65	64
12	57	47	43	39	44	47	50	54	56	68	66	66
13	56	47	39	39	42	46	51	55	56	69	67	64
14	62	47	41	38	44	45	52	54	56	69	67	--
15	57	48	41	38	44	44	50	56	60	70	67	63
16	57	47	41	37	44	46	50	59	58	71	67	63
17	60	45	42	36	44	43	52	59	56	71	68	61
18	59	47	42	36	44	45	50	58	55	70	68	62
19	59	48	41	37	43	46	52	57	58	70	68	61
20	58	46	41	36	45	45	52	57	56	70	68	61
21	53	46	41	35	44	43	53	56	58	70	67	63
22	50	45	39	39	47	43	51	55	60	68	66	61
23	55	44	40	37	45	45	54	57	59	--	66	60
24	55	46	38	38	46	46	--	55	61	69	65	61
25	53	46	--	38	45	45	53	55	60	68	65	62
26	48	47	39	38	46	47	54	54	62	69	65	--
27	--	--	38	38	44	47	54	54	61	68	67	61
28	54	48	39	38	45	46	54	54	60	68	65	59
29	56	45	40	39	--	46	--	55	61	68	64	58
30	56	47	38	41	--	45	52	54	60	69	68	55
31	50	--	38	39	--	44	--	54	--	70	66	--
Average	56	47	41	39	44	45	50	55	57	68	67	62

# Quality of Surface Waters of the United States 1955

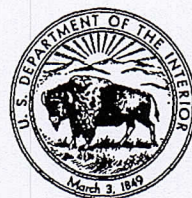
Parts 9-14. Colorado River Basin to Pacific  
Slope Basins in Oregon and Lower Columbia  
River Basin

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GEOLOGICAL SURVEY WATER-SUPPLY PAPER 1403

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UNITED STATES GOVERNMENT PRINTING OFFICE, WASHINGTON : 1959

Encl 6-1

## SNAKE RIVER BASIN

## SNAKE RIVER MAIN STEM--Continued

## SNAKE RIVER NEAR CLARKSTON, WASH.--Continued

Temperature (°F) of water, water year October 1954 to September 1955

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	55	48	38	38	38	39	46	49	54	57	71	65
2	--	47	38	38	36	39	45	51	53	59	72	68
3	55	46	39	36	35	39	47	51	53	57	70	68
4	59	47	40	35	34	33	46	53	54	56	71	72
5	56	47	38	37	36	--	45	54	57	59	70	69
6	55	50	38	37	36	39	45	54	55	56	70	68
7	57	47	38	37	40	45	--	54	56	59	69	--
8	56	49	39	37	42	39	45	55	56	59	70	68
9	60	47	39	36	37	38	49	53	57	59	69	71
10	59	47	43	35	35	39	47	54	57	61	70	68
11	56	46	43	34	36	41	47	54	58	61	72	67
12	57	47	40	35	39	41	47	54	58	64	70	64
13	58	47	39	36	40	41	47	54	59	64	70	62
14	55	--	39	35	39	40	47	51	57	65	71	66
15	56	48	39	35	38	39	47	49	57	67	67	63
16	58	48	36	35	39	39	47	50	57	70	71	61
17	55	47	36	38	37	38	47	52	57	69	69	61
18	59	48	35	36	34	38	47	52	56	70	70	59
19	53	46	37	35	35	38	47	54	57	70	68	60
20	52	46	34	36	36	41	47	56	58	71	70	60
21	--	46	35	36	33	41	49	55	60	71	67	58
22	52	47	35	37	38	43	50	54	61	73	68	58
23	58	49	39	37	37	45	50	54	60	74	68	57
24	59	48	36	36	40	40	50	54	59	74	67	--
25	52	50	35	37	40	39	50	53	59	74	66	50
26	59	47	34	36	38	39	50	54	58	72	66	58
27	47	45	34	38	37	--	48	53	59	72	65	56
28	46	43	34	35	39	44	48	54	59	70	68	60
29	46	44	35	35	--	44	50	54	58	70	60	56
30	47	40	38	35	--	45	49	52	--	69	66	55
31	47	--	40	35	--	45	--	54	--	70	61	--
Average	55	47	38	36	37	40	48	53	57	66	68	62



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# Quality of Surface Waters of the United States 1956

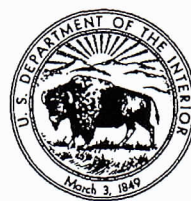
Parts 9-14. Colorado River Basin to Pacific  
Slope Basins in Oregon and Lower Columbia  
River Basin

*Prepared under the direction of S. K. LOVE, Chief, Quality of Water Branch*

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GEOLOGICAL SURVEY WATER-SUPPLY PAPER 1453

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UNITED STATES GOVERNMENT PRINTING OFFICE, WASHINGTON : 1960

Encl 7-1

## SNAKE RIVER BASIN

## SNAKE RIVER MAIN STEM--Continued

## SNAKE RIVER AT CENTRAL FERRY NEAR POMEROY, WASH.--Continued

Temperature (°F) of water, water year October 1955 to September 1956												
Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	59	--	41	37	32	39	--	51	60	66	71	68
2	--	46	42	39	32	40	47	51	59	64	71	68
3	59	46	41	37	32	40	48	52	54	64	71	67
4	57	47	--	--	32	--	47	53	55	64	72	67
5	58	46	39	39	33	41	47	--	55	64	70	67
6	--	44	--	38	34	40	47	--	55	65	72	62
7	58	45	--	38	33	41	48	53	58	67	73	61
8	55	--	39	--	34	41	--	49	61	68	74	61
9	55	47	39	40	35	40	50	51	63	72	74	--
10	54	38	38	39	36	40	50	50	61	73	74	61
11	54	--	--	39	36	--	51	50	59	73	74	68
12	54	39	39	39	--	40	51	51	60	75	74	69
13	55	--	37	38	37	42	53	--	61	74	75	70
14	--	35	36	--	--	43	53	53	60	74	75	69
15	58	33	34	--	35	42	--	55	52	74	75	69
16	58	--	--	39	34	40	50	--	54	73	75	70
17	58	33	35	--	35	44	52	--	59	74	76	71
18	57	34	--	--	--	--	52	58	61	76	76	70
19	59	35	35	--	--	44	52	58	60	76	77	71
20	58	--	35	39	34	45	53	--	62	75	77	--
21	58	34	36	40	36	46	52	55	62	75	76	--
22	56	33	--	40	--	46	--	56	62	75	76	--
23	57	--	--	42	36	45	52	55	60	77	--	--
24	55	--	--	41	39	40	51	55	--	78	--	--
25	56	39	--	33	39	--	51	55	62	79	72	--
26	--	40	41	37	38	44	51	54	64	76	71	--
27	--	--	39	37	39	46	--	56	67	77	71	--
28	52	38	--	35	40	47	--	55	66	77	61	--
29	51	40	--	32	39	47	--	54	66	77	61	--
30	--	40	--	31	--	--	50	--	67	76	68	62
31	48	--	--	32	--	--	--	--	--	76	69	--
Average	--	--	--	--	35	--	--	--	60	73	72	--

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Parts 9-14. Colorado River Basin to Pacific  
Slope Basins in Oregon and Lower Columbia  
River Basin

*Prepared under the direction of S. K. LOVE, Chief, Quality of Water Branch*

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GEOLOGICAL SURVEY WATER-SUPPLY PAPER 1523

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Encl 8-1

## SNAKE RIVER BASIN

## SNAKE RIVER MAIN STEM--Continued

## SNAKE RIVER AT CENTRAL FERRY NEAR POMEROY, WASH.--Continued

Temperature (\*F) of water, water year October 1956 to September 1957  
 /Once-daily measurement at approximately 4 p.m./

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	60	46	40	38	--	--	40	45	62	68	73	73
2	60	45	40	--	--	35	40	45	62	69	75	73
3	62	45	40	38	--	35	40	45	62	70	74	73
4	61	45	39	38	--	35	43	45	62	--	--	73
5	60	45	--	38	--	35	43	--	62	70	73	--
6	60	45	--	38	--	35	43	45	60	--	74	73
7	61	45	--	36	--	35	43	45	60	72	74	73
8	61	45	40	36	--	--	--	45	60	71	75	--
9	62	45	40	36	--	35	43	45	58	72	75	--
10	59	45	40	--	--	35	43	45	60	73	75	72
11	59	45	--	36	--	35	43	45	60	74	--	72
12	59	45	--	34	--	--	43	--	60	74	--	72
13	59	45	40	34	--	--	43	53	60	74	--	--
14	58	45	42	34	--	37	43	53	60	--	--	--
15	56	45	42	34	--	35	43	--	60	73	75	--
16	56	--	42	--	32	37	43	--	--	73	74	--
17	56	--	42	34	32	40	--	53	60	72	74	--
18	55	--	--	34	32	40	43	53	60	72	--	70
19	54	--	42	34	--	40	43	--	62	73	--	70
20	54	--	42	34	32	40	45	--	64	73	--	71
21	54	--	42	--	35	40	--	--	63	--	--	--
22	--	--	40	--	--	--	45	--	63	74	74	--
23	50	--	40	--	--	40	45	57	--	72	--	70
24	50	--	40	--	--	40	45	58	64	75	--	69
25	51	--	--	--	35	40	45	60	65	76	--	65
26	50	--	40	--	35	40	45	60	65	73	75	--
27	48	--	38	--	35	40	45	60	66	74	72	65
28	47	40	40	--	35	40	45	62	--	--	74	67
29	47	40	40	--	--	40	45	62	68	74	74	65
30	47	40	40	--	--	40	48	60	--	75	74	65
31	47	--	38	--	--	40	--	--	--	73	73	--
Average	55	--	--	--	--	38	44	--	62	73	--	--