STATE OF NEVADA

DEPARTMENT OF CONSERVATION AND NATURAL RESOURCES

DIVISION OF WATER RESOURCES

Carson City

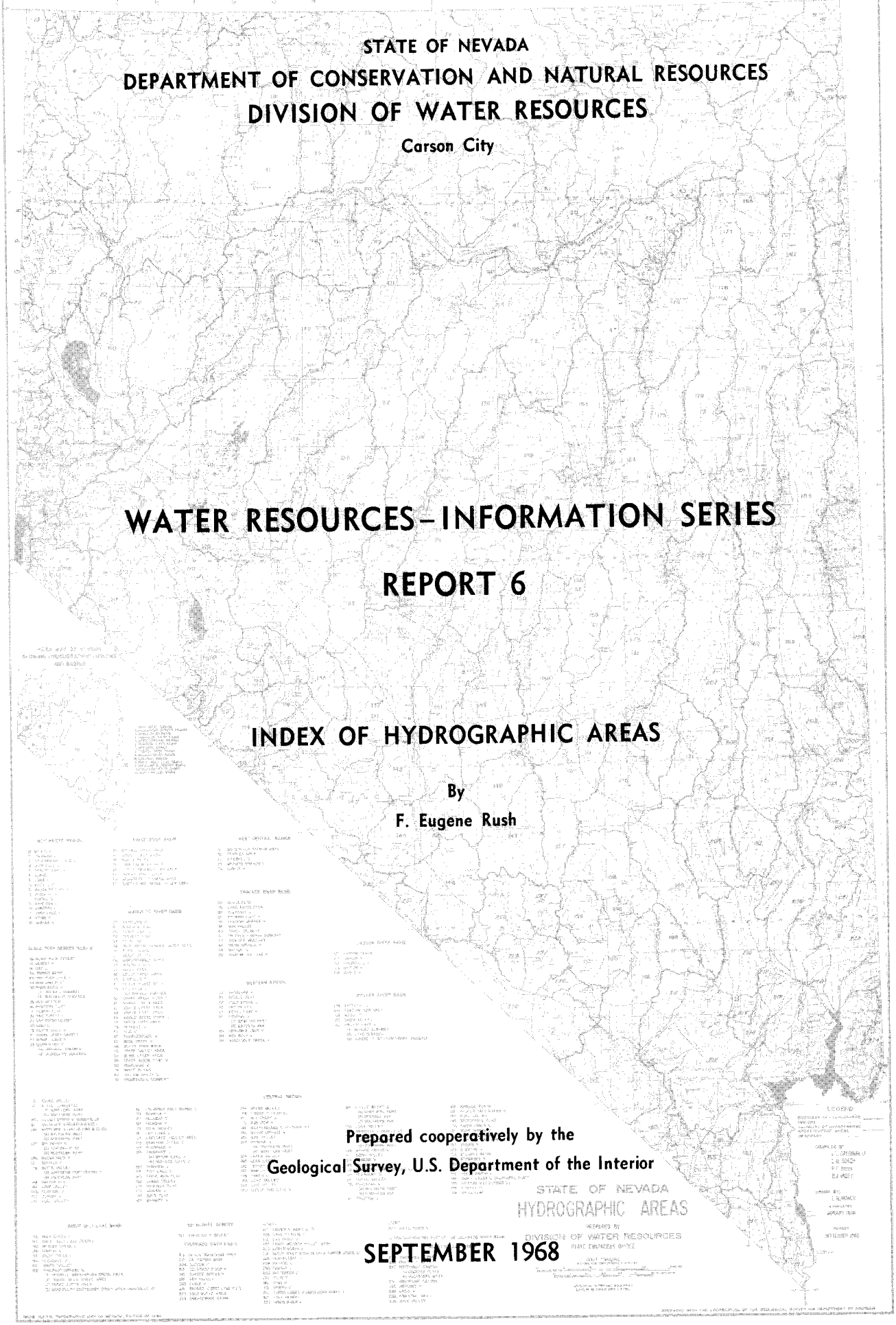
WATER RESOURCES–INFORMATION SERIES

REPORT 6

INDEX OF HYDROGRAPHIC AREAS

By

F. Eugene Rush



Prepared cooperatively by the

Geological Survey, U.S. Department of the Interior

SEPTEMBER 1968

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F. Eugene Rush

Hydrologist

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INDEX OF HYDROGRAPHIC AREAS IN NEVADA

By F. Eugene Rush

SUMMARY

This report contains a map and three tables showing and describing the 14 hydrographic regions and basins and the 253 hydrographic areas of Nevada. The map was compiled by personnel of the U.S. Geological Survey and the State Engineer's office and was distributed by the State in January 1968. This report and the map have been prepared as a guide to all water-resources and other natural-resources and research agencies.

The tables present selected information on geographic features of each area and lists the hydrologic reports prepared by the U.S. Geological Survey that were published by the State and Federal Governments. Alphabetical and county lists of areas are also included.

INTRODUCTION

Purpose and Scope of the Report

Nevada is composed of more than 200 valleys bounded by mostly northtrending mountain ranges. Each valley is partly filled with alluvium, mostly derived by weathering and erosion from surrounding mountains. The alluvium is the principal storage reservoir for ground water. The valley floors are the principal ground-water and surface-water use areas. Thus, the valley commonly has become the basic unit of social, economic, and water-development activity in Nevada.

Miller and others (1953, p. 12) subdivided the State into what they called "cartographic areas." That report was a useful reference in preparing the detailed hydrographic map and tables of this report.

For the study, research, development, management, and administration of water resources, a need for a systematic identification of "valleys," or preferably "hydrographic areas," of Nevada was recognized by both the U.S. Geological Survey and the State Engineer's office. Because of the long-term cooperative program of water-resources evaluation between the Geological Survey and the State of Nevada, it was appropriate that personnel of the Survey and the State Engineer's office work together to compile a hydrographic areas map (Rush and others, 1968). A revised edition of the map is incorporated with this report, which includes geographic descriptions of the hydrographic regions and areas. The primary purpose for the report and map is to define and describe specifically the hydrographic regions, basins, and areas so that these descriptions and map can be available as an official guide to all water-resources and other natural-resources agencies. The hydrographic areas map (Rush and others, 1968) was compiled by F. E. Rush, Hydrologist, U.S. Geological Survey and J. L. Cardinalli, L. M. Roach, and B. J. Vasey, Engineers, Nevada State Engineer's Office.

Because this is the first known effort to identify completely and systematically the hydrographic regions and areas of Nevada, minor revision may be necessary after many engineers and hydrologists have had the opportunity to use and criticize the report and map. Revised editions are planned as and when the need develops.

For easy reference, the 14 regions and basins are listed and shown on the "Index map of Nevada," which is an inset on the large "Hydrographic areas" map (in pocket). In addition, the map lists all 253 hydrographic areas by regions and in alphabetical order by basins.

Acknowledgments

The compilation of this report required knowledge of a large number of persons familiar with the State of Nevada. The vast knowledge of George Hardman and Hugh Shamberger was utilized, as well as that of George Hennen and Tom Humphrey, all formerly with the Nevada Department of Conservation and Natural Resources. My colleagues, G. F. Worts, Jr. and Thomas Eakin, contributed much information. The single biggest source of information, however, was the topographic maps compiled by personnel of the Army Map Service and the Topographic Division, U.S. Geological Survey. Without these maps this report would not have been possible.

DEFINITION AND BOUNDARIES

The general term "hydrographic area" is used mostly in place of "valley," but it also applies to areas that are called flat, desert, basin, meadow, area, segment, plains, wash, canyon, and mesa. The names of the hydrographic areas, in most cases, are the names used by people who live in and near the areas. These names commonly are shown on U.S. Geological Survey and Army Map Service topographic maps. When more than one name was encountered for an area, the most commonly used name was selected. A few less commonly used names are shown parenthetically on the map and in the tables.

Most of the boundary lines of hydrographic areas are drawn along topographic ridges, as interpreted from the most detailed topographic maps available in 1967. In some localities, the lines are drawn across nearly flat alluvial terrain. Low divides were located with the aid of aerial photographs (scale about 1:60,000). In other areas, hydrographic-area boundaries were drawn on the basis of boundary decisions in published hydrologic reports or on the basis of the collective judgment of the authors of the map and others identified in the acknowledgments section of this report. Boundaries not drawn on topographic divides are shown as dotted lines.

Methods Used to Measure Areas

Each of the 253 hydrographic-area units was planimetered on the 1:500,000 scale (1 inch = 8 miles) edition of the hydrographic areas map. The sum of the computed areas was within 0.27 percent of the area of the State, which is 110,540 square miles (U.S. Dept. Commerce, 1965, p. 168). The difference was prorated and a correction factor applied so that the sum of the 253 areas would equal the total area of the State. The extent of each hydrographic region and basin was computed as the sum of the hydrographic areas of that region or basin. (See "Index map of Nevada" inset on large map showing "Hydrographic areas," in pocket.) The areal extents of the hydrographic areas are listed in table 1. For the computations, all digits are shown so that their arithmetic sum is equal to the total area of Nevada. However, because the areas were not surveyed, they may not be accurate to more than two to three figures and therefore may not agree precisely with areas listed in other reports.

HYDROGRAPHIC AREAS

The 253 hydrographic areas in Nevada range in size from about 9 square miles for Granite Basin and Newcomb Lake Valley to 2,182 square miles for the Carson Desert. The Carson Desert and 12 other hydrographic areas are larger than the small State of Rhode Island. The valley-floor altitudes range from 800 feet along the Colorado River (area 213) to 7,200 feet above sea level in little Stevens Basin (area 152).

For descriptive purposes, the sizes of the hydrographic areas may be grouped into three general categories: small (1-200 square miles), medium (201-1,000 square miles), and large (1,001-2,200 square miles). The average size of the areas is nearly 440 square miles, and the median size is 334 square miles.

The approximate altitudes of the valley floors shown in table 1 were taken from topographic maps. The altitudes are a rough measure or average of the altitude range of the valley lowlands. For descriptive purposes, these altitudes may be grouped into three broad categories: low (800-3,000 feet), medium (3,001-5,000 feet) and high (5,001-7,200 feet). In general, the southern part of Nevada in and near the Colorado River and Death Valley Basins contains most of the low-altitude hydrographic areas, the west-central part of the State generally contains most of the medium-altitude areas, and the east-central and northwestern parts of the State contain most of the high-altitude valleys. The following tabulation shows the size distribution of the 253 hydrographic areas:

Area range (square miles)	Number of areas	Area range (square miles)	Number of areas
1-100	53	801-900	5
101-200	29	901-1,000	9
201-300	28	1,001-1,200	7
301-400	31	1,201-1,400	5
401-500	24	1,401-1,600	1
501-600	28	1,601-1,800	3
601-700	13	1,801-2,000	1
701-800	13	2,001-2,200	3
		Total	253

Three tables are presented in this report. Table 1 is a compilation of the principal geographic features of the hydrographic areas. Also included in table 1 are report-references to hydrologic studies made in these areas by the Water Resources Division of the U.S. Geological Survey working in cooperation with the Nevada Department of Conservation and Natural Resources--the principal water-resources evaluating agencies conducting studies in Nevada.

The Desert Research Institute of the University of Nevada at Reno is a newly established research organization in the field of water resources, and additional reports on a few areas are available from that division of the university.

Most reports include consideration of the hydrology of the entire hydrographic area; however, many are limited in area to small parts of hydrographic areas or limited in scope to the consideration of specific hydrologic features of certain areas. In 1968, only 34 areas do not have some published hydrologic information. In table 1 the areas are listed in numerical order; on the map the area names (and numbers) are listed alphabetically.

Table 2 is an alphabetical listing of hydrographic areas indexed to region or basin number and hydrographic-area number.

In table 3 the areas are listed by counties and regions and basins.

HYDROGRAPHIC REGIONS AND BASINS

The hydrographic areas of Nevada were grouped into 14 hydrologic regions and basins. Large-scale unifying hydrographic features which were the general basis for the regions and basins fall into three broad categories, (1) drainage basins of large regional streams, (2) drainage basins that have no large regional stream, and (3) groups of mostly topographically closed valleys.

The drainage basins of large regional streams are commonly linear in form, most valleys forming segments like links of a chain. The basins included in this group are the Snake, Humboldt, Truckee, Carson, Walker, and Colorado Rivers.

The drainage basins that have no major regional streams are the Black Rock Desert Region and the Great Salt Lake, Escalante Desert, and the Death Valley Basins. In the Nevada parts of these basins and regions, the drainage may enter the sink area from several directions, but carry little streamflow.

The third type of hydrographic regions and basins, consisting mostly of topographically closed valleys, is isolated from other similar groups by region and basin types (1) and (2) listed above. This type includes the Northwest, West Central, Western, and Central Regions.

Brief descriptions of the 14 hydrographic regions and basins of Nevada are presented in the following sections. The regions and basins are shown on the index map of Nevada (on large map, in pocket).

Northwest Region (1)

The Northwest Region includes parts of Washoe and Humboldt Counties. The region includes 16 hydrographic areas and covers 3,073 square miles. It is characterized by small, high-altitude valleys and includes a mixture of isolated (topographically closed) and hydrologically connected valleys. The region is bounded on the west by California, on the north by Oregon, and on the southeast by the Black Rock Desert Region.

Black Rock Desert Region (2)

The Black Rock Desert Region includes parts of Washoe, Humboldt, and Pershing Counties. It includes 17 valleys, 2 of which are divided into two subareas each. The region covers 8,632 square miles and is characterized by both very large and small valleys, most of which are presently or were tributary to the Black Rock and Smoke Creek Deserts (areas numbered 28 and 21 on the map).

Snake River Basin (3)

The Snake River Basin in northern Nevada includes parts of Elko and Humboldt Counties. The entire basin is drained by the Snake River System in Idaho, which is tributary to the Columbia River. The basin in Nevada includes eight hydrographic areas, covers 5,230 square miles, and is characterized by high tablelands and highlands. Except for Independence Valley (area 36) the basin also is characterized by deep canyons.

Humboldt River Basin (4)

The Humboldt River Basin is in northern Nevada and includes parts of eight counties. The Humboldt River is the largest stream wholly within Nevada. The basin includes 34 hydrographic areas, covers 16,843 square miles, and is characterized by moderate- to large-sized, medium- to high- altitude valleys that are all tributary to the Humboldt River. The river flows westward, generally terminating in Lovelock Valley and White Plains (areas 73 and 74). No topographic divide exists between White Plains and the Carson Desert (area number 101), a part of the Carson River Basin. Because water seldom flows between the two areas and therefore between the two river basins, an arbitrary boundary was established.

West-Central Region (5)

The West-Central Region includes parts of Pershing, Lyon, and Churchill Counties. This small region covers 1,656 square miles and is composed of only five hydrographic areas. It is characterized by moderate and small sized, mostly medium-altitude valleys and is similar to the Central Region where topographically closed valleys predominate.

Truckee River Basin (6)

The Truckee River Basin in western Nevada includes parts of Washoe, Pershing, Douglas, Ormsby, and Storey Counties. It includes 12 valleys and river segments of the Truckee River, which ultimately discharges into Pyramid Lake (in area 81) and at one time also discharged into Winnemucca Lake (in area 80). The basin includes 2,300 square miles and is characterized by small, medium- to high-altitude valleys. The Truckee Canal now carries much of the Truckee River flow of the Tracy Segment (area 83) across the Fernley Area (area 76) of the West-Central Region to Churchill Valley (area 102) of the Carson River Basin, where it is stored in Lahontan Reservoir.

Western Region (7)

The Western Region is wholly within Washoe County; it consists of nine valleys, one of which, Lemmon Valley (area 92), is divided into two subareas by a low alluvial divide. The region includes 577 square miles and is characterized by small, medium- to high-altitude, mostly isolated valleys, and is similar to the Central Region where isolated valleys predominate.

Carson River Basin (8)

The Carson River Basin in western Nevada includes parts of six counties and consists of five valleys that ultimately discharge to the Carson Desert (Sink). The basin includes 3,519 square miles and is characterized by moderate- to large-sized, medium- to high-altitude valleys. As described above, the Carson River Basin receives flow diverted from the Truckee River Basin and intermittent natural flow from the Humboldt River Basin.

Walker River Basin (9)

The Walker River Basin in western Nevada includes parts of Mineral, Lyon, and Douglas Counties. The basin is composed of seven hydrographic areas and covers 3,048 square miles. It is characterized by small- to moderate-sized, medium- to high-altitude valleys. All areas are drained by the Walker River system which ultimately discharges into Walker Lake (in area 110B). Mason Valley (area 108) infrequently drains to Churchill Valley (area 102) of the Carson River Basin through Adrian Valley when the Walker River is at high flood stage.

Central Region (10)

The Central Region includes parts of 12 counties and has an area of about 46,783 square miles. It is by far the largest hydrographic region of Nevada, covering 42 percent of the State. The region includes 89 valleys that are generally large in size, medium to high in altitude, and are mostly isolated, though some have interflow of surface water.

Great Salt Lake Basin (11)

The Great Salt Lake Basin of eastern Nevada includes the easternmost parts of Elko, White Pine, and Lincoln Counties. It consists of 11 hydrographic areas and covers 3,807 square miles. The basin in Nevada is characterized by high-altitude areas that drain eastward to the Great Salt Lake Desert in Utah.

Escalante Desert Basin (12)

The Escalante Desert Basin, also called Escalante Valley, covers a large area in Utah but only a very small part of the basin is in Lincoln County, Nevada. Its area in Nevada is only 106 square miles. The Nevada part has a high altitude and surface water flows to Utah.

Colorado River Basin (13)

The Colorado River Basin of Nevada includes parts of Clark, Lincoln, Nye, and White Pine Counties and is divided into 27 hydrographic areas covering 12,376 square miles. The basin is characterized by small- to moderate-sized, medium- to low-altitude valleys. All but three of the hydrographic areas are tributary to the Colorado River system which flows to the Pacific Ocean. Two of the noncontributing areas, Garnet and Hidden Valleys (areas 216 and 217), are topographically closed but are completely surrounded by areas that drain to the Colorado River. The third noncontributing area is the southern part of Three Lakes Valley (area 211). Lee Canyon discharges flood water on an alluvial fan; the flow may go either eastward to the Colorado River drainage or northward to the dry lake in the southern part of Three Lakes Valley, depending upon which distributary channels the flow occupies.

Death Valley Basin (14)

The part of the Death Valley Basin in southern Nevada includes parts of Nye and Esmeralda Counties. It includes nine hydrographic areas and covers 2,593 square miles. The basin in Nevada is characterized by small- to moderate-sized, low-altitude valleys that are all tributary to Death Valley in California.

REFERENCES CITED

Miller, M. R., and others, 1953, Irrigation waters of Nevada: Univ. Nevada Agr. Expt. Sta. Bull. 187, 63 p.

Rush, F. E., and others, 1968 (revised September 1968), Hydrographic areas of Nevada: Nevada Dept. Conserv. and Nat. Resources, Division of Water Resources Map.

U.S. Department of Commerce, 1965, Statistical abstracts of the United States-1965: Washington, D. C., U.S. Government Printing Office, 1,047 p.

U.S. Geological Survey, 1968, Water resources investigations in Nevada: U.S. Geol. Survey Bibliog. Brochure.

Table 1.--Geographical features and numerical listing of the hydrographic areas

Counties: CH, Churchill; C, Clark; DS, Douglas; EL, Elko, ES, Esmeralda; EU, Eureka; HU, Humboldt; LA, Lander; LN, Lincoln, LY, Lyon; MN, Mineral, NY, Nye; OR, Ormsby, PE, Pershing ST, Storey, W, Washoe; WP, White Pine (same system as that used on license plates for Nevada venicles.)

Townships and ranges are all with reference to the Mount Diablo base line and meridian

Published hydrologic reports prepared by USGS: R, Nevada Water Resources - Reconnaissance Series Report; B, Nevada Water Resources Bulletin, both published by the Nevada Department of Conservation and Natural Resources, Nye Building, Carson City, Nevada 89701, W, Water-Supply Paper, U.S. Geological Survey; P, Professional Paper, U.S. Geological Survey, 222 E. Washington Street, Carson City, Nevada 89701 (see U.S. Geol. Survey, 1963)

Area number on map	Hydrographic area shown on map	Location: Principal counties	Location: Townships	Location: Ranges E.	Approximate area (sq mi)	Approximate altitude of valley floor (feet)	Stream inflow and outflow	Principal geographic names in area	Published hydrologic reports by USGS
			NORTHWEST REGION (1)						
1	Pueblo Valley	HU	44-47 N.	28-32	a 118	4,200	None	Denio	R-22
2	Continental Lake Valley	HU	43-47 N.	27-30	a 214	4,200	Both		R-22
3	Gridley Lake Valley	HU	42-45 N.	26-28	195	4,500	Outflow		R-22
4	Virgin Valley	HU	42-47 N.	23-27	a 494	4,300	do.	Sheldon Antelope Range	R-22
5	Sage Hen Valley	HU	46-47 N.	24-25	a 22	5,600	do.	do.	R-15
6	Guano Valley	W	45-47 N.	21-24	a 147	5,400	do.	Sheldon Nat. Antelope Refuge	R-15
7	Swan Lake Valley	W	42-46 N.	21-24	226	5,700	None	do.	R-15
8	Massacre Lake Valley	W	42-45 N.	20-22	176	5,700	do.		R-15

Table 1.--Continued

Area number on map	Hydrographic area shown on map	Location: Principal counties	Location: Townships	Location: Ranges E.	Approximate area (sq mi)	Approximate altitude of valley floor (feet)	Stream inflow and outflow	Principal geographic names in area	Published hydrologic reports by USGS
9	Long Valley	W	39-47 N.	18-22	433	5,600	None	Vya	R-15
10	Macy Flat	W	46-47 N.	20-21	a 27	5,800	Inflow		R-15
11	Coleman Valley	W	46-47 N.	19-20	a 51	4,800	Outflow		R-15
12	Mosquito Valley	W	45-46 N.	19-20	32	5,700	None		R-15
13	Warner Valley	W	45-47 N.	18-19	a 82	5,300	Outflow		R-15
14	Surprise Valley	W	37-46 N.	18-19	a 214	4,500	do.		R-17
15	Boulder Valley	W	39-41 N.	18-20	88	5,700	None		R-15
16	Duck Lake Valley	W	34-39 N.	18-21	a 533	4,700	Inflow		R-17
			BLACK ROCK DESERT REGION (2)						
17	Pilgrim Flat	W	34-35 N.	18	a 12	6,400	Inflow		R-44
18	Painters Flat	W	33-35 N.	18	a 31	5,700	Outflow		R-44
19	Dry Valley	W	28-29 N.	18-19	39	4,200	None		R-44
20	Sano Valley	W	28 N.	20-21	12	4,000	do.		R-44
21	Smoke Creek Desert	W	27-36 N.	18-23	a 980	3,900	Inflow	Pyramid Lake Indian Res.	R-44
22	San Emidio Desert	W	27-32 N.	22-24	305	4,000	Both	Gerlach, Empire	R-44
23	Granite Basin	W	33 N.	23	9	5,000	Outflow		R-20
24	Hualapai Flat	W	33-37 N.	22-24	315	4,100	None		R-11
25	High Rock Lake Valley	W	37-43 N.	20-24	665	5,000	do.		R-20
26	Mud Meadow	HU	36-42 N.	24-26	495	4,000	Outflow		R-20
27	Summit Lake Valley	HU	41-42 N.	25-27	60	5,900	None	Summit Lake Indian Res.	R-20

Table 1.--Continued

Area number on map	Hydrographic area shown on map	Location: Principal counties	Location: Townships	Location: Ranges E.	Approximate area (sq mi)	Approximate altitude of valley floor (feet)	Stream inflow and outflow	Principal geographic names in area	Published hydrologic reports by USGS
28	Black Rock Desert	HU, PE	31-43 N.	23-32	2,179	4,000	Both	Sulphur	R-20
29	Pine Forest Valley	HU	40-46 N.	29-33	528	4,000	do.		R-4
30	Kings River Valley	HU	41-47 N.	32-35	a 413	4,200	do.	Fort McDermitt Indian Res.	B-16,31, W-1619-L
A	Rio King Subarea	HU	43-47 N.	32-35	a 300	4,300	do.		B-16,31, W-1619-L
B	Sou House Subarea	HU	41-43 N.	33-35	113	4,200	do.		B-16,31, W-1619-L
31	Desert Valley	HU	34-42 N.	31-35	1,052	4,200	do.	Jungo	R-7
32	Silver State Valley	HU	36-41 N.	35-37	313	4,200	Outflow		B-14,34
33	Quinn River Valley	HU	40-47 N.	35-41	a 1,224	4,300	Both	Fort McDermitt Indian Res.	B-14,34
A	Orovada Subarea	HU	40-46 N.	35-39	632	4,200	do.	Orovada	B-14,34
B	McDermitt Subarea	HU	42-47 N.	34-41	a 592	4,500	do.	McDermitt	B-14,34
				SNAKE RIVER BASIN (3)					
34	Little Owyhee River Area	HU, EL	43-47 N.	41-47	a 716	5,100	Outflow		R-48
35	South Fork Owyhee River Area	EL	40-47 N.	46-53	a 1,310	5,000	Both	Duck Valley Indian Res.	R-48
36	Independence Valley	EL	38-42 N.	50-53	345	5,700	Outflow	Tuscarora	R-8,48
37	Owyhee River Area	EL	42-47 N.	51-56	a 533	5,300	do.	Duck Valley Indian Res.	R-48

Table 1.--Continued

Area number on map	Hydrographic area shown on map	Location: Principal counties	Location: Townships	Location: Ranges E.	Approximate area (sq mi)	Approximate altitude of valley floor (feet)	Stream inflow and outflow	Principal geographic names in area	Published hydrologic reports by USGS
38	Bruneau River Area	EL	41-47 N.	53-58	a 514	5,000	Outflow		R-48
39	Jarbidge River Area	EL	45-47 N.	57-61	a 273	5,000	do.		R-48
40	Salmon Falls Creek Area	EL	41-47 N.	59-67	a 1,218	5,200	do.	Jackpot, Contact	R-48
41	Goose Creek Area	EL	44-47 N.	66-70	a 316	5,200	do.		R-48
			HUMBOLDT RIVER BASIN (4)						
42	Marys River Area	EL	36-45 N.	58-64	1,073	5,600	do.	Wells	B-32
43	Starr Valley Area	EL	33-36 N.	58-62	332	6,000	Both		B-32
44	North Fork Area	EL	35-43 N.	53-58	1,110	5,400	do.		B-32
45	Lamoille Valley	EL	31-35 N.	56-59	257	5,400	do.	Lamoille	B-32
46	South Fork Area	EL	30-32 N.	56-58	99	5,600	Outflow	Lee	R-35,B-32
47	Huntington Valley	EL,WP	24-32 N.	53-58	787	5,500	do.	Jiggs	R-35,B-32, W-1475-L
48	Dixie Creek--Tenmile Creek Area	EL	29-34 N.	53-57	392	5,400	Both	South Fork Indian Res.	R-35,B-32
49	Elko Segment	EL	32-37 N.	52-56	314	5,100	do.	Elko	B-12,32
50	Susie Creek Area	EL	33-37 N.	52-54	223	5,000	do.		B-32
51	Maggie Creek Area	EL,EU	32-36 N.	51-53	395	5,300	Outflow		B-32
52	Marys Creek Area	EU,EL	32-33 N.	51-52	61	5,200	Both	Carlin	B-32
53	Pine Valley	EU,EL	23-32 N.	48-54	1,002	5,400	Outflow		R-2,B-32
54	Crescent Valley	EU,LA	25-32 N.	45-51	752	5,000	Both	Beowawe	B-15,32, W-1581
55	Carico Lake Valley	LA	22-28 N.	43-46	376	5,100	Outflow		R-37,B-32
56	Upper Reese River Valley	LA,NY	11-24 N.	39-45	1,138	5,800	do.	Austin, Yomba Ind. Res.	R-31,B-32 W-425-D

Table 1.--Continued

Area number on map	Hydrographic area shown on map	Location: Principal counties	Location: Townships	Location: Ranges E.	Approximate area (sq mi)	Approximate altitude of valley floor (feet)	Stream inflow and outflow	Principal geographic names in area	Published hydrologic reports by USGS
57	Antelope Valley	LA	19-27 N.	40-42	452	5,000	Outflow		R-19,B-32 W-425-D
58	Middle Reese River Valley	LA	24-28 N.	41-44	319	4,900	Both		R-19,B-32 W-425-D
59	Lower Reese River Valley	LA	27-32 N.	42-48	588	4,700	do.	Battle Mountain	B-25,32 W-425-D
60	Whirlwind Valley	EU,LA	30-32 N.	47-48	94	4,800	do.		B-32
61	Boulder Flat	EU,LA	32-37 N.	45-50	544	4,700	do.		B-32,W-425-D
62	Rock Creek Valley	LA,EL	33-36 N.	45-50	444	4,900	do.		B-32
63	Willow Creek Valley	EL	37-41 N.	45-50	405	5,100	Outflow		B-32
64	Clovers Area	HU,LA	32-39 N.	42-46	720	4,500	Both		B-32,W-425-D
65	Pumpernickel Valley	HU,PE	31-36 N.	39-43	299	4,500	do.		B-32
66	Kelly Creek Area	HU	36-40 N.	40-44	301	4,400	do.		B-32
67	Little Humboldt Valley	HU,EL	38-46 N.	39-47	975	4,600	Outflow		B-32
68	Marazcrabble Area	HU	42-45 N.	39-42	167	5,200	do.		B-32
69	Paradise Valley	HU	36-41 N.	37-41	600	4,500	Both	Paradise Valley	B-32
70	Winnemucca Segment	HU	34-38 N.	34-41	435	4,400	do.	Winnemucca Golconda	B-19,20,22, 24,25,27, 32,W-1669-M W-1754,1795, 1816,P-424-C P-450-B,
71	Grass Valley	PE,HU	30-36 N.	36-40	520	4,400	Outflow		R-29,B-32
72	Imlay Area	PE	30-34 N.	30-37	771	4,200	Both	Rye Patch Reservoir	R-5,B-32
73	Lovelock Valley	PE	24-30 N.	29-34	b 635	4,600	do.	Lovelock	R-32,B-2,32
A	Oreana Subarea	PE	28-30 N.	32-34	98	4,300	do.		R-32,B-32
74	White Plains	Ch	22-25 N.	27-29	164	3,900	do.		

Table 1.--Continued

Area number on map	Hydrographic area shown on map	Location: Principal counties	Location: Townships	Location: Ranges E.	Approximate area (sq mi)	Approximate altitude of valley floor (feet)	Stream inflow and outflow	Principal geographic names in area	Published hydrologic reports by USGS
			WEST CENTRAL REGION (5)						
75	Bradys Hot Springs Area	Ch,LY	21-24 N.	27-29	178	4,200	Both		
76	Fernley Area	LY	19-21 N.	23-26	120	4,200	Inflow	Fernley	B-17, W-1619-AA
77	Fireball Valley	CH	22-24 N.	25-26	58	4,700	Outflow		
78	Granite Springs Valley	PE	24-31 N.	24-31	967	4,000	None		
79	Rumiva Valley	PE	27-32 N.	24-27	333	4,500	do.		
			TRUCKEE RIVER BASIN (6)						
80	Winnemucca Lake Valley	W,PE	24-30 N.	23-25	371	3,800	Inflow	Pyramid Lake Indian Res.	B-15, W-1539-C
81	Pyramid Lake Valley	W	21-29 N.	20-25	672	3,800	Both	Nixon, Sutcliff	
82	Dodge Flat	W	21-22 N.	23-24	92	4,200	do.	Pyramid Lake Indian Res.	
83	Tracy Segment	ST	17-21 N.	20-24	285	4,300	do.	Wadsworth	
84	Warm Springs Valley	W	21-24 N.	19-22	247	4,300	Outflow		R-43
85	Spanish Springs Valley	W	20-21 N.	20-21	76	4,500	do.		R-43
86	Sun Valley	W	20 N.	19-20	19	4,700	do.		R-43
87	Truckee Meadows	W	17-20 N.	18-21	203	4,500	Both	Reno, Sparks	B-28, W-1779-S, P-450-C

Table 1.--Continued

Area number on map	Hydrographic area shown on map	Location: Principal counties	Location: Townships	Location: Ranges E.	Approximate area (sq mi)	Approximate altitude of valley floor (feet)	Stream inflow and outflow	Principal geographic names in area	Published hydrologic reports by USGS
88	Pleasant Valley	W	17 N.	18-20	39	4,500	Both		
89	Washoe Valley	W	15-17 N.	18-20	82	5,100	Outflow	Washoe City, Washoe Lake	R-41
90	Lake Tahoe Basin	W,DG,OR	13-17 N.	16-19	a 139	6,200	do.	Incline Village, Glenbrook	
91	Truckee Canyon Segment	W	17-20 N.	18	a 34	4,900	Both	Verdi	
				WESTERN REGION (7)					
92	Lemmon Valley	W	20-22 N.	18-20	93	5,000	None		R-43
A	Western part	W	20-22 N.	18-19	53	5,000	do.	Stead Air Force Base	R-43
B	Eastern part	W	20-21 N.	19-20	40	5,000	do.	Black Springs	R-43
93	Antelope Valley	W	22 N.	19-20	18	5,200	do.		R-43
94	Bedell Flat	W	21-24 N.	18-20	53	5,000	Outflow		R-43
95	Dry Valley	W	24-25 N.	18-20	a 80	4,600	do.		R-43
96	Newcomb Lake Valley	W	25 N.	18-19	9	5,200	None		R-43
97	Honey Lake Valley	W	25-28 N.	18-20	a 193	4,000	Outflow	Flanigan	R-43
98	Skedaddle Creek Valley	W	28-30 N.	18	a 43	4,800	do.		R-44
99	Red Rock Valley	W	22-24 N.	18-19	a 56	4,900	Both		R-43
100	Cold Spring Valley	W	20-22 N.	18	30	5,100	None		R-43
				CARSON RIVER BASIN (8)					
101	Carson Desert	CH,PE	15-20 N.	25-35	2,152	3,900	Inflow	Fallon	
102	Churchill Valley	LY,CH	14-19 N.	22-27	480	4,200	Both	Lahontan Reservoir	
103	Dayton Valley	LY,ST	14-18 N.	20-24	369	4,400	do.	Virginia City, Dayton, Gold Hill	

Table 1.--Continued

Area number on map	Hydrographic area shown on map	Location: Principal counties	Location: Townships	Location: Ranges E.	Approximate area (sq mi)	Approximate altitude of valley floor (feet)	Stream inflow and outflow	Principal geographic names in area	Published hydrologic reports by USGS
104	Eagle Valley	OR	14-16 N.	19-20	69	4,700	Both	Carson City New Empire Stewart	R-39
105	Carson Valley	DS	10-14 N.	19-22	a 419	4,800	do.	Gardnerville Minden	
				WALKER RIVER BASIN (9)					
106	Antelope Valley	DS	8-11 N.	21-23	a 115	5,000	do.	Topaz Lake	
107	Smith Valley	LY,DS	7-14 N.	22-26	a 479	4,700	do.	Smith, Wellington	W-1228
108	Mason Valley	LY, MN	9-16 N.	24-28	516	4,500	do.	Yerington	
109	East Walker Area	LY,MN	5-11 N.	24-29	a 536	6,800	do.		
110	Walker Lake Valley	MN,LY	3-16 N.	26-33	1,350	4,300	Inflow		R-40
A	Schurz Subarea	MN,LY	11-16 N.	26-31	502	4,200	Both	Schurz, Walker River Indian Res.	R-40
B	Lake Subarea	MN	8-11 N.	28-32	307	4,000	do.	Walker Lake	R-40
C	Whiskey Flat-Hawthorne Subarea	MN	3-9 N.	28-33	541	4,800	Outflow	Hawthorne, Babbitt	R-40
				CENTRAL REGION (10)					
111	Alkali Valley	MN	4-5 N.	28-30	a 83	6,900	Outflow		
A	Northern part	MN	5 N.	29	18	7,050	None		
B	Southern part	MN	4-5 N.	28-30	a 65	6,850	Outflow		
112	Mono Valley	MN	3-4 N.	29-30	a 27	7,000	do.		
113	Huntoon Valley	MI	2-4 N.	30-32	a 97	5,800	Inflow		
114	Teels Marsh Valley	MN	1-5 N.	31-34	323	5,000	None		
115	Adobe Valley	MN	1-2 N.	30-31	a 15	5,400	Outflow		
116	Queen Valley	MN	1 S.-1 N.	31-33	a 65	6,200	do.		
117	Fish Lake Valley	ES	6 S.-1 N.	33-40	a 706	4,300	Both	Dyer	B-11,W-224
118	Columbus Salt Marsh Valley	ES,MN	1-5 N.	33-38	370	4,000	Inflow		

Table 1.--Continued

Area number on map	Hydrographic area shown on map	Location: Principal counties	Townships	Ranges E.	Approximate area (sq mi)	Approximate altitude of valley floor (feet)	Stream inflow and outflow	Principal geographic names in area	Published hydrologic reports by USGS
119	Rhodes Salt Marsh Valley	MN	3-6 N.	34-36	109	4,600	None		
120	Garfield Flat	MN	5-7 N.	32-34	92	5,700	do.		
121	Soda Spring Valley	MN	6-9 N.	32-36	376	4,600	do.		
A	Eastern part	MN	6-9 N.	34-36	246	4,600	do.	Mina, Luning	
B	Western part	MN	7-9 N.	32-34	130	4,500	do.		
122	Gabbs Valley	MN,NY	7-15 N.	31-37	1,277	4,300	do.	Gabbs	R-9
123	Rawhide Flats	CH,MN	14-16 N.	28-32	227	4,000	do.	Walker River Indian Res.	R-40
124	Fairview Valley	CH	14-18 N.	32-35	285	4,200	do.		R-23
125	Stingaree Valley	CH	16-17 N.	34-35	43	4,400	Both		R-23
126	Cowkick Valley	CH	15-19 N.	34-36	110	4,700	do.		R-23
127	Eastgate Valley Area	CH	15-16 N.	36-38	216	4,000	Outflow	Eastgate	R-23
128	Dixie Valley	CH,PE	16-27 N.	33-40	1,303	3,600	Inflow	Dixie Valley	R-23
129	Buena Vista Valley	PE	24-31 N.	34-37	742	4,100	None	Unionville	B-13
130	Pleasant Valley	PE	26-30 N.	37-40	285	4,400	Outflow		R-23
131	Buffalo Valley	LA,PE	27-33 N.	40-43	504	4,700	None		B-32,W-425-D
132	Jersey Valley	PE	25-28 N.	39-41	142	4,200	Outflow		R-23
133	Edwards Creek Valley	CH	16-22 N.	36-40	416	5,200	None		R-26
134	Smith Creek Valley	LA,NY	13-20 N.	37-41	582	6,100	do.		R-28
135	Ione Valley	NY	8-14 N.	37-40	460	6,000	Outflow	Ione	R-28
136	Monte Cristo Valley	ES,MN	4-8 N.	36-38	284	5,400	None		
137	Big Smoky	NY,ES,LA	1 S.-20 N.	37-46	2,926	5,100	Inflow		B-3,W-423,375
A	Tonopah Flat	NY,ES	1 S.-10 N.	37-44	1,603	4,800	do.	Tonopah, Manhattan	B-3,W423,375
B	Northern Part	NY,LA	9-20 N.	41-46	1,323	5,500	None	Round Mountain	W-375,423
138	Grass Valley	LA,EU	20-26 N.	45-49	505	5,700	do.	Cortez	R-37

Table 1.--Continued

Area number on map	Hydrographic area shown on map	Location: Principal counties	Location: Townships	Location: Ranges E.	Approximate area (sq mi)	Approximate altitude of valley floor (feet)	Stream inflow and outflow	Principal geographic names in area	Published hydrologic reports by USGS
139	Kobeh Valley	EU,LA	17-23½ N.	46-52	868	6,200	Both		R-30
140	Monitor Valley	NY,LA	8-18 N.	45-49	1,038	6,700	Outflow		R-30
A	Northern part	NY,LA	12-18 N.	45-49	529	6,500	do.	Potts	R-30
B	Southern part	NY	8-13 N.	45-48	509	7,000	None		R-30
141	Ralston Valley	NY	2-9 N.	42-47	971	5,600	Inflow	Belmont	R-12,45
142	Alkali Spring Valley	ES	3 S.-2 N.	40-43	313	5,000	None	Goldfield	R-45,W-423
143	Clayton Valley	ES	5 S.-1 N.	37-41	555	4,400	do.	Silver Peak	R-45,W-423, W-224
144	Lida Valley	ES,NY	3-7 S.	40-44	535	5,000	Outflow	Lida, Gold Point	R-45,W-224
145	Stonewall Flat	NY	1-5 S.	43-47	381	4,800	None		R-45,W-224
146	Sarcobatus Flat	NY	5-12 S.	42-47	812	4,100	Inflow	Death Valley National Monument	R-10,W-224
147	Gold Flat	NY	1-8 S.	46-51	604	5,200	None		W-224
148	Cactus Flat	NY	4 S.-1 N.	46-50	403	5,400	do.		
149	Stone Cabin Valley	NY	2 S.-9 N.	49-50	985	5,700	Outflow		R-12,45
150	Little Fish Lake Valley	NY	8-14 N.	48-51	434	6,600	None		R-38
151	Antelope Valley	EU,NY	14-19 N.	49-52	444	6,200	Outflow		R-30
152	Stevens Basin	EU	18-19 N.	52-53	17	7,200	None		R-30
153	Diamond Valley	EU	18-27 N.	51-55	752	5,900	Inflow	Eureka	R-6,B-35
154	Newark Valley	WP	16-24 N.	54-58	601	5,900	do.		R-1,W-1475-L
155	Little Smoky Valley	NY	6-18 N.	51-55	1,158	6,200	Outflow		R-38,W-1475-L
A	Northern part	NY,EU,WP	12-18 N.	51-55	591	6,100	do.		R-38,W-1475-L
B	Central part	NY	11-12 N.	52	57	6,500	None		R-38,W-1475-L
C	Southern part	NY	6-14 N.	52-55	510	5,900	do.		R-38,W-1475-L
156	Hot Creek Valley	NY	1-12 N.	49-52	1,036	5,300	Outflow	Tybo,Warm Springs	R-38,B-12
157	Kawich Valley	NY	3-8 S.	51-52	350	5,500	None		B-12,W-224

Table 1.--Continued

Area number on map	Hydrographic area shown on map	Location: Principal counties	Location: Townships	Location: Ranges E.	Approximate area (sq mi)	Approximate altitude of valley floor (feet)	Stream inflow and outflow	Principal geographic names in area	Published hydrologic reports by USGS
158	Emigrant Valley	LN	5-11 S.	52-57	767	4,600	None		
A	Groom Lake Valley	LN,NY	5-10 S.	52-57	663	4,600	do.		W-224
B	Papoose Lake Valley	LN	9-11 S.	54-56	104	4,600	do.		
159	Yucca Flat	NY	8-12 S.	51-53	305	4,000	do.		W-224
160	Frenchman Flat	NY	10-15 S.	51-56	463	3,200	do.		W-224,365
161	Indian Springs Valley	C	10-13 S.	54-57	655	3,200	do.	Indian Springs	B-4,5,6 W-224,365
162	Pahrump Valley	C	17-23 S.	51-57	a 789	2,800	Outflow	Pahrump	B-3,5,6 W-224,365, W-450,1832
163	Mesquite Valley (Sandy Valley)	C	21-27 S.	55-58	a 236	2,600	do.	Sandy	R-46, W-224, W-450,490-B
164	Ivanpah Valley	C	23-29 S.	58-61	a 326	2,700	do.		R-46, W-224, W-450,490-B
A	Northern part	C	23-27 S.	58-61	253	2,700	None	Goodsprings, Jean	R-46, W-224, W-450,490-B
B	Southern part	C	27-29 S.	59-61	a 73	2,800	Outflow		R-46, W-224, W-450,490-B
165	Jean Lake Valley	C	23-26 S.	59-61	96	2,800	None		R-46, W-224, W-490-B
166	Hidden Valley (South)	C	24-25 S.	61	34	3,100	do.		R-46, W-224, W-490-B
167	Eldorado Valley	C	23-28 S.	61-65	530	1,800	do.	Boulder City	R-36, W-224, W-490-B
168	Three Lakes Valley, northern part	C	9-14 S.	57-60	299	3,600	do.		W-224,365
169	Tikapoo (Tickaboo) Valley	LN	4-14 S.	55-61	998	4,300	do.		W-224,365, W-1475-L
170	Penoyer Valley (Sand Spring Valley)	LN	2 N.-5 S.	52-58	700	5,000	do.	Tempiute	B-12,W-1475-L

Table 1.---Continued

Area number on map	Hydrographic area shown on map	Location: Principal counties	Location: Townships	Location: Ranges E.	Approximate area (sq mi)	Approximate altitude of valley floor (feet)	Stream inflow and outflow	Principal geographic names in area	Published hydrologic reports by USGS
171	Coal Valley	LN	3 S.-4 N.	58-62	460	5,000	Inflow		R-18,B-33, W-365,1475-L
172	Garden Valley	LN	2 S.-5 N.	55-59	493	5,500	Outflow	Adaven	R-18,B-33, W-365,1475-L
173	Railroad Valley	NY	3 S.-16 N.	50-59	2,752	4,900	None		B-12,W-1475-L
A	Southern part	NY	3 S.-3 N.	50-54	603	4,900	do.		B-12,W-1475-L
B	Northern part	NY	2-16 N.	51½-59	2,149	4,800	Inflow	Duckwater Indian Res. Currant	B-12,W-365, W-1475-L
174	Jakes Valley	WP	14-19 N.	58-61	422	6,400	None		B-33,W-1475-L
175	Long Valley	WP	18-27 N.	56-60	651	6,100	do.		R-3,B-33, W-1475-L
176	Ruby Valley	EL	24-35 N.	57-61	1,004	6,000	do.		B-12,W-1475-L
177	Clover Valley	EL	31-37 N.	61-63	464	5,700	Outflow		B-12
178	Butte Valley	WP	18-31 N.	59-63	1,010	6,200	None		R-49,W-1475-L
A	Northern part	WP	27-31 N.	61-63	271	6,100	do.	Odgers Ranch Indian Reservation	R-49,W-1475-L
B	Southern part	WP	18-27 N.	59-63	739	6,300	do.		R-49,W-1475-L
179	Steptoe Valley	WP	10-29 N.	61-67	1,942	5,900	Outflow	Ely, McGill Ruth, Currie	R-42,W-467, W-1475-L
180	Cave Valley	LN	5-11 N.	62-64	362	6,100	None		R-13,B-33 W-365,1475-L
181	Dry Lake Valley	LN	5 S.-7 N.	63-66	832	4,800	do.		R-16,B-33, W-365,1475-L
182	Delamar Valley	LN	3-8 S.	62-65	383	4,600	do.		R-16,B-33, W-365,1475-L
183	Lake Valley	LN	5-11 N.	64-68	557	6,000	do.		R-24,W-365, W-1475-L
184	Spring Valley	LN	6-25 N.	65-69	1,661	5,700	do.		R-33,W-365, W-1475-L

Table 1.--Continued

Area number on map	Hydrographic area shown on map	Location: Principal counties	Location: Townships	Location: Ranges E.	Approximate area (sq mi)	Approximate altitude of valley floor (feet)	Stream inflow and outflow	Principal geographic names in area	Published hydrologic reports by USGS
185	Tippett Valley	WP	21-25 N.	66-69	345	5,700	None	Tippett	W-1475-L
186	Antelope Valley	WP,EL	25-30 N.	66-69	335	5,700	do.		B-12,W-1475-L
A	Southern part	WP,EL	25-28 N.	67-69	125	5,900	do.		W-1475-L
B	Northern part	WP,EL	26-30 N.	66-68	270	5,600	do.		B-12,W-1475-L
187	Goshute Valley	EL	27-38 N.	63-68	954	5,600	Inflow	Oasis, Cobre	B-12
188	Independence Valley (Pequop Valley)	EL	31-39 N.	63-65	562	5,600	do.		B-12
			GREAT SALT LAKE BASIN (11)						
189	Thousand Springs Valley	EL	36-46 N.	61-70	a 1,446	5,400	Outflow		R-47
A	Merrell Siding-Brush Creek Area	EL	39-42 N.	61-65	163	5,900	do.		R-47
B	Toano-Rock Spring Area	EL	38-46 N.	64-68	618	5,600	Both		R-47
C	Rocky Butte Area	EL	40-43 N.	66-68	a 183	5,200	do.		R-47
D	Montello-Crittenden Creek Area (Montello Valley)	EL	36-44 N.	67-70	482	4,900	do.	Montello	R-47
190	Grouse Creek Valley	EL	40-44 N.	69-70	a 55	5,000	Outflow		R-47
191	Pilot Creek Valley	EL	33-36 N.	68-70	a 326	4,600	do.		
192	Great Salt Lake Desert	EL	27-37 N.	68-70	a 507	4,300	do.	Wendover	
193	Deep Creek Valley	LN	22-27 N.	69-70	a 208	5,200	do.	Goshute Indian Res.	W-1475-L
194	Pleasant Valley	WP	20-22 N.	69-70	a 75	6,200	do.		R-34,W-1475-L
195	Snake Valley	WP	10-21 N.	68-70	a 777	5,200	do.	Baker, Lehman Caves Nat'l Mon.	R-34,W-1475-L
196	Hamlin Valley	LN	3-12 N.	68-71	a 413	5,800	do.		R-34,W-1475-L

Table 1.--Continued

Area number on map	Hydrographic area shown on map	Location: Principal counties	Location: Townships	Location: Ranges E.	Approximate area (sq mi)	Approximate altitude of valley floor (feet)	Stream inflow and outflow	Principal geographic names in area	Published hydrologic reports by USGS
				ESCALANTE DESERT (12)					
197	Escalante Desert	LN	3 S.-1 N.	69-71	a 106	5,800	Outflow		R-51,W-1475-L
				COLORADO RIVER BASIN (13)					
198	Dry Valley	LN	2 S.-1 N.	68-71	a 113	5,400	Both		R-27,B-7, W-365,1475-L
199	Rose Valley	LN	1 N.	69-70	12	5,500	do.		R-27,B-7, W-365,1475-L
200	Eagle Valley	LN	1-2 N.	69-71	52	5,600	do.	Ursine	R-27,B-7, W-365,1475-L
201	Spring Valley	LN	2-6 N.	68-71	a 287	6,000	Outflow		R-27,B-7, W-365,1475-L
202	Patterson Valley	LN	1 S.-5 N.	65-69	418	5,600	do.	Pioche	R-27,B-7, W-365,1475-L
203	Panaca Valley	LN	4 S.-1 N.	65-70	334	4,800	Both	Panaca, Caselton	R-27,B-7, W-365,1475-L
204	Clover Valley	LN	3-7 S.	67-71	a 364	5,000	Outflow		R-27,B-7, W-365,1475-L
205	Lower Meadow Valley Wash	LN	4-14 S.	64-69	379	2,600	Both	Caliente, Carp, Glendale	R-27,W-224, W-365,1475-L
206	Kane Springs Valley	LN	6-10 S.	63-66	234	3,300	Outflow		R-25,B-33, W-365
207	White River Valley	NY	3-16 N.	58-63	1,607	5,400	do.	Preston, Lund, Sunnyside	B-8,33, W-365,1475-L
208	Pahroc Valley	LN	3 S.-5 N.	63-66	508	5,000	Both		R-21,B-33, W-365,1475-L
209	Pahranagat Valley	LN	2-9 S.	58-63	768	3,700	do.	Hiko, Alamo	R-21,B-33, W-365,1475-L

Table 1.--Continued

Area number on map	Hydrographic area shown on map	Location: Principal counties	Location: Townships	Location: Ranges E.	Approximate area (sq mi)	Approximate altitude of valley floor (feet)	Stream inflow and outflow	Principal geographic names in area	Published hydrologic reports by USGS
210	Coyote Spring Valley	LN	8-15 S.	61-64	657	2,500	Both		R-25,B-33, W-224,365
211	Three Lakes Valley, southern part[1/]	CL	14-18 S.	56-61	311	3,100	None		B-4,5,6, W-224,365
212	Las Vegas Valley	CL	15-24 S.	56-64	1,564	2,000	Outflow	Las Vegas, Henderson	B-3,4,5,6, B-18,23,29, W-224,365, W-490-B,849-D, W-1669-Q, W-1780
213	Colorado River Valley	CL	22-33 S.	63-66	a 583	800	Both	Lake Mead Nat. Rec. Area	R-36,W-224
214	Piute Valley	CL	27-32 S.	61-65	a 338	2,300	Outflow	Searchlight	R-36,W-224, W-490-B
215	Black Mountains Area	CL	16-23 S.	63-68	630	1,200	Both	Lake Mead Nat. Rec. Area	R-50,W-224, W-365,P-295, P-298
216	Garnet Valley[1/]	CL	15-19 S.	61-64	156	2,000	None	Dry Lake	R-50,W-224, W-365
217	Hidden Valley (North)[1/]	CL	15-17 S.	62-63	80	2,700	do.		R-50,W-224, W-365
218	California Wash Area	CL	14-16 S.	63-66	313	1,300	Both	Moapa, Moapa Indian Res.	R-50,W-224, W-365
219	Muddy River Springs Area (Upper Moapa Valley)	CL	12-15 S.	63-65	91	1,800	do.		R-25,B-33, W-224,365, P-501-D
220	Lower Moapa Valley	CL	12-17 S.	66-68	252	1,400	do.	Overton, Logandale	R-50,W-224, W-365
221	Tule Desert	LN	7-11 S.	68-70	192	3,200	Outflow		R-51
222	Virgin River Valley	CL	7-17 S.	67-71	a 907	1,500	Both	Mesquite Bunkerville	R-51,W-224, W-365

Table 1.---Continued

Area number on map	Hydrographic area shown on map	Location: Principal counties	Location: Townships	Location: Ranges E.	Approximate area (sq mi)	Approximate altitude of valley floor (feet)	Stream inflow and outflow	Principal geographic names in area	Published hydrologic reports by USGS
223	Gold Butte Area	CL	15-22 S.	68-71	533	1,200	Outflow	Lake Mead Nat. Rec. Area	R-50,W-224, W-365,P-295, P-298
224	Greasewood Basin	CL	15-20 S.	70-71	a 108	2,200	do.		R-50,W-224
				DEATH VALLEY BASIN (14)					
225	Mercury Valley	NY	15-17 S.	52-54	110	3,200	do.	Mercury	R-14,W-224, W-365
226	Rock Valley	NY	14-15 S.	50-52	82	3,300	do.		R-14,W-224
227	Fortymile Canyon	NY	8-15 S.	49-52	519	4,000	do.		R-14,W-224
A	Jackass Flats	NY	11-15 S.	49-52	279	3,500	Both		R-14,W-224
B	Buckboard Mesa	NY	8-11 S.	49-51	240	5,000	Outflow		R-14,W-224
228	Oasis Valley	NY	7-12 S.	46-50	460	3,300	do.	Beatty	R-10,W-224, P-475-b
229	Crater Flat	NY	11-15 S.	47-49	182	3,200	do.		R-14,W-224
230	Amargosa Desert	NY	11-19 S.	44-54	a 896	2,600	Both	Lathrop Wells, Death Valley Nat. Monument	R-14,B-3,
231	Grapevine Canyon	ES	8-12 S.	41-43	a 162	4,200	Outflow		R-45,W-224
232	Oriental Wash	ES	6-10 S.	38-42	a 182	4,000	do.		R-45,W-224

1. Noncontributing part of the Colorado River Basin.
a. Nevada part only.
b. Number does not include Oreana Subarea.

Table 2.--Alphabetical listing of hydrographic areas

Hydrographic area	Hydrographic region or basin number on index map	Area number on map and table 1
Adobe Valley	10	115
Alkali Valley	10	111
Alkali Spring Valley	10	142
Amargosa Desert	14	230
Antelope Valley	4	57
Antelope Valley	7	93
Antelope Valley	9	106
Antelope Valley	10	151
Antelope Valley	10	166
Bedell Flat	7	94
Big Smoky	10	137
Black Mountains Area	13	215
Black Rock Desert	2	28
Boulder Flat	4	61
Boulder Valley	1	15
Bradys Hot Spring Area	5	75
Bruneau River Area	3	38
Buckboard Mesa	14	227B
Buena Vista Valley	10	129
Buffalo Valley	10	131
Butte Valley	10	178
Cactus Flat	10	148
California Wash Area	13	218
Carico Lake Valley	4	55
Carson Desert	8	101
Carson Valley	8	105
Cave Valley	10	180
Churchill Valley	8	102
Clayton Valley	10	143
Clover Valley	10	177
Clover Valley	13	204
Clovers Area	4	64
Coal Valley	10	171
Cold Spring Valley	7	100
Coleman Valley	1	11
Colorado River Valley	13	213
Columbus Salt Marsh Valley	10	113
Continental Lake Valley	1	2
Cowkick Valley	10	126
Coyote Spring Valley	13	210
Crater Flat	14	229
Crescent Valley	4	54
Dayton Valley	8	103
Deep Creek Valley	11	193
Delamar Valley	10	182
Desert Valley	2	31
Diamond Valley	10	153
Dixie Creek-Tenmile Creek Area	4	48
Dixie Valley	10	128
Dodge Flat	6	82
Dry Lake Valley	10	181
Dry Lake Valley (see Garnet Valley)	13	216
Dry Valley	7	95
Dry Valley	2	19
Dry Valley	13	198
Duck Lake Valley	1	16
Eagle Valley	8	104
Eagle Valley	13	200
Eastgate Valley Area	10	127
East Walker Area	9	109
Edwards Creek Valley	10	133
Eldorado Valley	10	167
Elko Segment	4	49
Emigrant Valley	10	158
Escalante Desert	12	197
Fairview Valley	10	124
Fernley Area	5	76
Fireball Valley	5	77
Fish Lake Valley	10	117
Fortymile Canyon	14	227
Frenchman Flat	10	160
Gabbs Valley	10	122
Garden Valley	10	172
Garfield Flat	10	120
Garnet Valley	13	216
Gold Butte Area	13	223
Gold Flat	10	147
Goose Creek Area	3	41
Goshute Valley	10	187
Granite Basin	2	23
Granite Springs Valley	5	78
Grapevine Canyon	14	231

Table 2.--Continued

Hydrographic area	Hydrographic region or basin number on index map	Area number on map and table 1
Grass Valley	4	71
Grass Valley	10	138
Greasewood Basin	13	224
Great Salt Lake Desert	11	192
Gridley Lake Valley	1	3
Groom Lake Valley	10	158A
Grouse Creek Valley	11	190
Guano Valley	1	6
Hamlin Valley	11	196
Hardscrabble Area	4	68
Herrell Siding-Brush Creek Area	11	189A
Hidden Valley (North)	13	217
Hidden Valley (South)	10	166
High Rock Lake Valley	2	25
Honey Lake Valley	7	97
Hot Creek Valley	10	156
Hualapai Flat	2	24
Huntington Valley	4	47
Huntoon Valley	10	113
Imlay Area	4	72
Independence Valley	3	36
Independence Valley	10	188
Indian Springs Valley	10	161
Ione Valley	10	135
Ivanpah Valley	10	164
Jackass Flats	14	227A
Jakes Valley	10	174
Jarbidge River Area	3	39
Jean Lake Valley	10	165
Jersey Valley	10	132
Kane Springs Valley	13	206
Kawich Valley	10	157
Kelly Creek Area	4	66
Kings River Valley	2	30
Kobeh Valley	10	139
Kumiva Valley	5	79
Lake Subarea	9	110B
Lake Tahoe Basin	6	90
Lake Valley	10	183
Lamoille Valley	4	45
Las Vegas Valley	13	212
Lemmon Valley	7	92
Lida Valley	10	144
Little Fish Lake Valley	10	150
Little Humboldt Valley	4	67
Little Owyhee River Area	3	34
Little Smoky Valley	10	155
Long Valley	1	9
Long Valley	10	175
Lovelock Valley	4	73
Lower Meadow Valley Wash	13	205
Lower Moapa Valley	13	220
Lower Reese River Valley	4	59
Macy Flat	1	10
Maggie Creek Area	4	51
Marys Creek Area	4	52
Marys River Area	4	42
Mason Valley	9	108
Massacre Lake Valley	1	8
McDermitt Subarea	2	33B
Mercury Valley	14	225
Mesquite Valley	10	163
Middle Reese River Valley	4	58
Monitor Valley	10	140
Mono Valley	10	112
Monte Cristo Valley	10	136
Montello-Crittenden Creek Area	11	189D
Montello Valley	11	189D
Mosquito Valley	1	12
Muddy River Springs Area	13	219
Mud Meadow	2	26
Newark Valley	10	154
Newcomb Lake Valley	7	96
North Fork Area	4	44
Oasis Valley	14	228
Oreana Subarea	4	73A
Oriental Wash	14	232
Orovada Subarea	2	33A
Owyhee River Area	3	37

Table 2.--Continued

Hydrographic area	Hydrographic region or basin number on index map	Area number on map and table 1
Pahranagat Valley	13	209
Pahroc Valley	13	208
Pahrump Valley	10	162
Painters Flat	2	18
Panaca Valley	13	203
Papoose Lake Valley	10	158B
Paradise Valley	4	69
Patterson Valley	13	202
Penoyer Valley	10	170
Pequop Valley (see Independence Valley)	10	183
Pilgrim Flat	2	17
Pilot Creek Valley	11	191
Pine Forest Valley	2	29
Pine Valley	4	53
Piute Valley	13	214
Pleasant Valley	11	194
Pleasant Valley	10	130
Pleasant Valley	6	88
Pueblo Valley	1	1
Pumpernickel Valley	4	65
Pyramid Lake Valley	6	81
Queen Valley	10	116
Quinn River Valley	2	33
Railroad Valley	10	173
Ralston Valley	10	141
Rawhide Flats	10	123
Red Rock Valley	7	99
Reveille Valley (see Hot Creek and Railroad Valleys)	10	156,173A
Rhodes Salt Marsh Valley	10	119
Rio Ring Subarea	2	30A
Rock Valley	14	226
Rock Creek Valley	4	62
Rocky Butte Area	11	189C
Rose Valley	13	199
Ruby Valley	10	176
Sage Hen Valley	1	5
Salmon Falls Creek Area	3	40
Sand Spring Valley (see Penoyer Valley)	10	170
Sandy Valley (see Mesquite Valley)	10	163
San Emidio Desert	2	22
Sano Valley	2	20
Sarcobatus Flat	10	146
Schurz Subarea	9	110A
Silver State Valley	2	32
Skedaddle Creek Valley	7	98
Smith Creek Valley	10	134
Smith Valley	9	107
Smoke Creek Desert	2	21
Snake Valley	11	195
Soda Spring Valley	10	121
Sod House Subarea	2	30B
South Fork Area	4	46
South Fork Owyhee River Area	3	35
Spanish Springs Valley	6	85
Spring Valley	10	184
Spring Valley	13	201
Starr Valley Area	4	43
Steptoe Valley	10	179
Stevens Basin	10	152
Stingaree Valley	10	125
Stone Cabin Valley	10	149
Stonewall Flat	10	145
Summit Lake Valley	2	27
Sun Valley	6	86
Surprise Valley	1	14
Susie Creek Area	4	50
Swan Lake Valley	1	7
Teels Marsh Valley	10	114
Thousand Springs Valley	11	189
Three Lakes Valley, northern part	10	168
Three Lakes Valley, southern part	13	211
Tikapoo (Tickaboo) Valley	10	169
Tippett Valley	10	185
Toano-Rock Spring Area	11	189B
Tonopah Flat	10	137A
Tracy Segment	6	83
Truckee Canyon Segment	6	91
Truckee Meadows	6	87

Table 2.--Continued

Hydrographic area	Hydrographic region or basin number on index map	Area number on map and table 1
Tule Desert	13	221
Upper Moapa Valley (see Muddy River Springs Area)	13	219
Upper Reese River Valley	4	56
Virgin River Valley	13	222
Virgin Valley	1	4
Walker Lake Valley	9	110
Warm Springs Valley	6	84
Warner Valley	1	13
Washoe Valley	6	89
Whirlwind Valley	4	60
Whiskey Flat-Hawthorne Subarea	9	110C
White Plains	4	74
White River Valley	13	207
Willow Creek Valley	4	63
Winnemucca Lake Valley	6	80
Winnemucca Segment	4	70
Yucca Flat	10	159

Table 3.--County listing of hydrographic areas

Containment within county: P, partially in county; E, entirely in county

Area number on map	Hydrographic area	Containment within county
	CHURCHILL COUNTY (17 areas)	
	Humboldt River Basin	
73	Lovelock Valley	P
74	White Plains	P
	West Central Region	
75	Bradys Hot Springs Area	P
76	Fernley Area	P
77	Fireball Valley	E
78	Granite Springs Valley	P
	Carson River Basin	
101	Carson Desert	P
102	Churchill Valley	P
	Central Region	
122	Gabbs Valley	P
123	Rawhide Flats	P
124	Fairview Valley	P
125	Stingaree Valley	E
126	Cowkick Valley	E
127	Eastgate Valley	E
128	Dixie Valley	P
129	Buena Vista Valley	P
133	Edwards Creek Valley	P
	CLARK COUNTY (26 areas)	
	Central Region	
160	Frenchman Flat	P
161	Indian Springs Valley	P
162	Pahrump Valley	P
163	Mesquite Valley	E
164	Ivanpah Valley	
A	Southern part	E
B	Northern part	E
165	Jean Lake Valley	E
166	Hidden Valley (South)	E
167	Eldorado Valley	E
168	Three Lakes Valley, northern part	P
169	Tikapoo Valley	P
	Colorado River Basin	
205	Lower Meadow Valley Wash	P
210	Coyote Spring Valley	P
211	Three Lakes Valley, southern part	E
212	Las Vegas Valley	E
213	Colorado River Valley	E
214	Piute Valley	E
215	Black Mountains Area	E
216	Garnet Valley	E
217	Hidden Valley (North)	E
218	California Wash Area	E
219	Muddy River Springs Area	E
220	Lower Moapa Valley	P
222	Virgin River Valley	P
223	Gold Butte Area	E
224	Greasewood Basin	E
	DOUGLAS COUNTY (7 areas)	
	Truckee River Basin	
90	Lake Tahoe Basin	P
	Carson River Basin	
102	Churchill Valley	P
103	Dayton Valley	P
104	Eagle Valley	P
105	Carson Valley	P
	Walker River Basin	
106	Antelope Valley	E
107	Smith Valley	P
	ELKO COUNTY (45 areas)	
	Snake River Basin	
34	Little Owyhee River Area	P
35	South Fork Owyhee River Area	E
36	Independence Valley	E
37	Owyhee River Area	E
38	Bruneau River Area	E
39	Jarbidge River Area	E

Table 3.--Continued

Area number on map	Hydrographic area	Containment within county
	ELKO COUNTY (continued)	
	Snake River Basin (continued)	
40	Salmon Falls Creek Area	E
41	Goose Creek Area	E
	Humboldt River Basin	
42	Marys River Area	E
43	Starr Valley Area	E
44	North Fork Area	E
45	Lamoille Valley	E
46	South Fork Area	E
47	Huntington Valley	P
48	Dixie Creek-Tenmile Creek Area	E
49	Elko Segment	P
50	Susie Creek Area	E
51	Maggie Creek Area	P
52	Marys Creek Area	P
53	Pine Valley	P
61	Boulder Flat	P
62	Rock Creek Valley	P
63	Willow Creek Valley	E
64	Clovers Area	P
66	Kelly Creek Area	P
67	Little Humboldt Valley	P
	Central Region	
153	Diamond Valley	P
175	Long Valley	P
176	Ruby Valley	P
177	Clover Valley	E
178	Butte Valley	
A	Northern part	E
B	Southern part	P
179	Steptoe Valley	P
186	Antelope Valley	
A	Southern part	P
B	Northern part	P
187	Goshute Valley	E
188	Inuependence Valley (Pequop Valley)	E
	Great Salt Lake Basin	
189	Thousand Springs Valley	
A	Merrell Siding-Brush Creek Area	E
B	Toano-Rock Spring Area	E
C	Rocky Butte Area	E
D	Montello-Crittenden Creek Area	E
190	Grouse Creek Valley	E
191	Pilot Creek Valley	E
192	Great Salt Lake Desert	E
193	Deep Creek Valley	E
	ESMERALDA COUNTY (12 areas)	
	Central Region	
116	Queen Valley	P
117	Fish Lake Valley	E
118	Columbus Salt Marsh Valley	P
136	Monte Cristo Valley	P
137	Big Smoky Valley	
A	Tonopah Flat	P
141	Ralston Valley	P
142	Alkali Spring Valley	P
143	Clayton Valley	E
144	Lida Valley	P
146	Sarcobatus Flat	P
	Death Valley Basin	
231	Grapevine Canyon	E
232	Oriental Wash	E
	EUREKA COUNTY (16 areas)	
	Humboldt River Basin	
49	Elko Segment	P
51	Maggie Creek Area	P
52	Marys Creek Area	P
53	Pine Valley	P
54	Crescent Valley	P
59	Lower Reese River Valley	P
60	Whirlwind Valley	P
61	Boulder Flat	P
62	Rock Creek Valley	P

Table 3.--Continued

Area number on map	Hydrographic area	Containment within county
	EUREKA COUNTY (continued)	
	Central Region	
138	Grass Valley	P
139	Kobeh Valley	P
140	Monitor Valley	
A	Northern part	P
151	Antelope Valley	P
152	Stevens Basin	E
153	Diamond Valley	P
155	Little Smoky Valley	
A	Northern part	P
	HUMBOLDT COUNTY (29 areas)	
	Northwest Region	
1	Pueblo Valley	E
2	Continental Lake Valley	E
3	Gridley Lake Valley	E
4	Virgin Valley	P
5	Sage Hen Valley	E
6	Guano Valley	P
7	Swan Lake Valley	P
	Black Rock Desert Region	
24	Hualapai Flat	P
25	High Rock Lake Valley	P
26	Mud Meadow	E
27	Summit Lake Valley	E
28	Black Rock Desert	P
29	Pine Forest Valley	E
30	Kings River Valley	
A	Rio King Subarea	E
B	Soda House Subarea	E
31	Desert Valley	P
32	Silver State Valley	E
33	Quinn River Valley	
A	Orovada Subarea	E
B	McDermitt Subarea	E
	Snake River Basin	
34	Little Owyhee River Area	P
	Humboldt River Basin	
64	Clovers Area	P
65	Pumpernickel Valley	P
66	Kelly Creek Area	P

Area number on map	Hydrographic area	Containment within county
	Snake River Basin (continued)	
67	Little Humboldt Valley	P
68	Hardscrabble Area	E
69	Paradise Valley	E
70	Winnemucca Segment	E
71	Grass Valley	P
	Central Region	
131	Buffalo Valley	P
	LANDER COUNTY (19 areas)	
	Humboldt River Basin	
54	Crescent Valley	P
55	Carico Lake Valley	E
56	Upper Reese River Valley	P
57	Antelope Valley	E
58	Middle Reese River Valley	E
59	Lower Reese River Valley	E
60	Whirlwind Valley	P
61	Boulder Flat	P
62	Rock Creek Valley	P
64	Clovers Area	P
	Central Region	
128	Dixie Valley	P
131	Buffalo Valley	P
132	Jersey Valley	P
133	Edwards Creek Valley	P
134	Smith Creek Valley	P
137	Big Smoky Valley	
B	Northern part	P
138	Grass Valley	P
139	Kobeh Valley	P
140	Monitor Valley	
A	Northern part	P
	LINCOLN COUNTY (34 areas)	
	Central Region	
158	Emigrant Valley	
A	Groom Lake Valley	P
B	Papoose Lake Valley	P
160	Frenchman Flat	P
161	Indian Springs Valley	P

Table 3.--Continued

Area number on map	Hydrographic area	Containment within county
	LINCOLN COUNTY (continued)	
	Central Region (continued)	
168	Three Lakes Valley, northern part	P
169	Tikapoo Valley	
170	Penoyer Valley	P
171	Coal Valley	P
172	Garden Valley	P
173	Railroad Valley	
A	Southern part	P
B	Northern part	P
180	Cave Valley	P
181	Dry Lake Valley	E
182	Delamar Valley	E
183	Lake Valley	P
184	Spring Valley	P
	Great Salt Lake Basin	
196	Hamlin Valley	P
	Escalante Desert Basin	
197	Escalante Desert	E
	Colorado River Basin	
198	Dry Valley	E
199	Rose Valley	E
200	Eagle Valley	E
201	Spring Valley	E
202	Patterson Valley	E
203	Panaca Valley	E
204	Clover Valley	E
205	Lower Meadow Valley Wash	P
206	Kane Springs Valley	E
207	White River Valley	P
208	Pahroc Valley	P
209	Pahranagat Valley	E
210	Coyote Spring Valley	P
220	Lower Moapa Valley	P
221	Tule Desert	E
222	Virgin River Valley	P
	LYON COUNTY (11 areas)	
	West Central Region	
75	Bradys Hot Springs Area	P
76	Fernley Area	P
	Truckee River Basin	
83	Tracy Segment	P
	Carson River Basin	
101	Carson Desert	P
102	Churchill Valley	P
103	Dayton Valley	P
	Walker River Basin	
107	Smith Valley	P
108	Mason Valley	P
109	East Walker Area	P
110	Walker Lake Valley	
A	Schurz Subarea	P
	Central Region	
123	Rawhide Flats	P
	MINERAL COUNTY (23 areas)	
	Walker River Basin	
108	Mason Valley	P
109	East Walker Area	P
110	Walker Lake Valley	
A	Schurz Subarea	P
B	Lake Subarea	E
C	Whiskey Flat-Hawthorne Subarea	E
	Central Region	
111	Alkali Valley	
A	Northern part	E
B	Southern part	E
112	Mono Valley	E
113	Huntoon Valley	E
114	Teels Marsh Valley	E
115	Adobe Valley	E
116	Queen Valley	P
118	Columbus Salt Marsh Valley	P
119	Rhodes Salt Marsh Valley	E
120	Garfield Flat	E
121	Soda Spring Valley	
A	Eastern part	E
B	Western part	E
122	Gabbs Valley	P

Table 3.--Continued

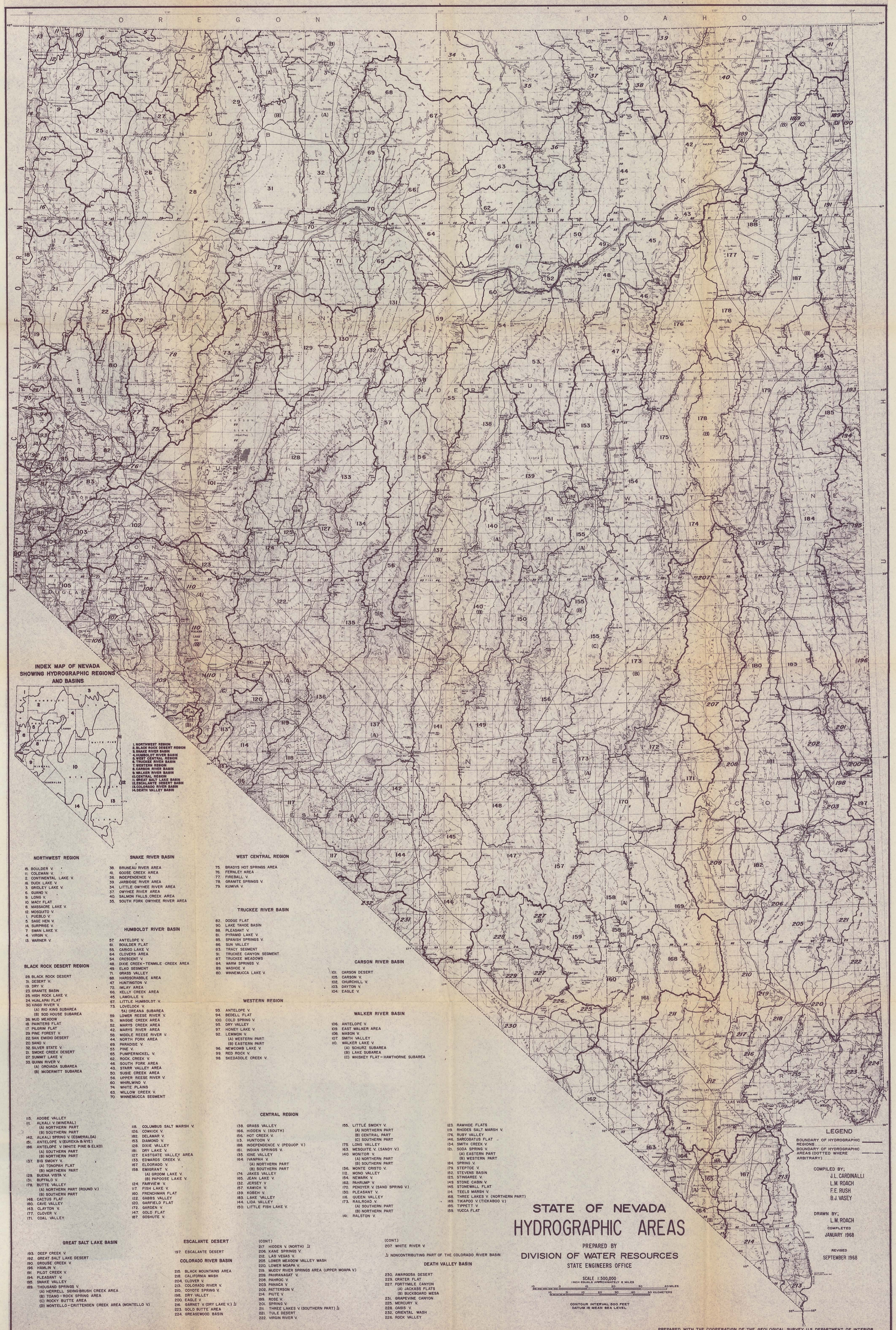
Area number on map	Hydrographic area	Containment within county
	MINERAL COUNTY (continued)	
	Central Region (continued)	
123	Rawhide Flats	P
124	Fairview Valley	P
135	Ione Valley	P
136	Monte Cristo Valley	P
137	Big Smoky Valley	
A	Tonopah Flat	P
	NYE COUNTY (44 areas)	
	Humboldt River Basin	
56	Upper Reese River Valley	P
	Central Region	
122	Gabbs Valley	P
134	Smith Creek Valley	P
135	Ione Valley	P
137	Big Smoky Valley	
A	Tonopah Flat	P
B	Northern part	P
140	Monitor Valley	
A	Northern part	P
B	Southern part	E
141	Ralston Valley	P
142	Alkali Spring Valley	P
144	Lida Valley	P
145	Stonewall Flat	E
146	Sarcobatus Flat	P
147	Gold Flat	E
148	Cactus Flat	E
149	Stone Cabin Valley	E
150	Little Fish Lake Valley	E
151	Antelope Valley	P
155	Little Smoky Valley	
A	Northern part	P
B	Central part	E
C	Southern part	E
156	Hot Creek Valley	E
157	Kawich Valley	E
158	Emigrant Valley	
A	Groom Lake Valley	P
B	Papoose Lake Valley	P
159	Yucca Flat	E
160	Frenchman Flat	P
	Central Region (continued)	
161	Indian Springs Valley	P
162	Pahrump Valley	P
170	Penoyer Valley	P
171	Coal Valley	P
172	Garden Valley	P
173	Railroad Valley	
A	Southern part	P
B	Northern part	P
	Colorado River Basin	
207	White River Valley	P
208	Pahroc Valley	P
	Death Valley Basin	
225	Mercury Valley	E
226	Rock Valley	E
227	Fortymile Canyon	
A	Jackass Flats	E
B	Buckboard Mesa	E
228	Oasis Valley	E
229	Crater Flat	E
230	Amargosa Desert	E
231	Grapevine Canyon	P
	ORMSBY COUNTY (4 areas)	
	Truckee River Basin	
90	Lake Tahoe Basin	P
	Carson River Basin	
103	Dayton Valley	P
104	Eagle Valley	P
105	Carson Valley	P
	PERSHING COUNTY (19 areas)	
	Black Rock Desert	
22	San Emidio Desert	P
24	Hualapai Flat	P
28	Black Rock Desert	P
31	Desert Valley	P

Table 3.--Continued

Area number on map	Hydrographic area	Containment within county
	PERSHING COUNTY (continued)	
	Humboldt River Basin	
65	Pumpernickel Valley	P
71	Grass Valley	P
72	Imlay Area	E
73	Lovelock Valley	P
A	Oreana Subarea	E
74	White Plains	P
	West Central Region	
78	Granite Springs Valley	P
79	Kumiva Valley	E
	Truckee River Basin	
80	Winnemucca Lake Valley	P
	Carson River Basin	
101	Carson Desert	P
	Central Region	
128	Dixie Valley	P
129	Buena Vista Valley	P
130	Pleasant Valley	E
131	Buffalo Valley	P
132	Jersey Valley	P
	STOREY COUNTY (4 areas)	
	West Central Region	
76	Fernley Area	P
	Truckee River Basin	
83	Tracy Segment	P
	Carson River Basin	
102	Churchill Valley	P
103	Dayton Valley	P
	WASHOE COUNTY (45 areas)	
	Northwest Region	
4	Virgin Valley	P
6	Guano Valley	P
7	Swan Lake Valley	P
8	Massacre Lake Valley	E
9	Long Valley	E
10	Macy Flat	E
	Northwest Region (continued)	
11	Coleman Valley	E
12	Mosquito Valley	E
13	Warner Valley	E
14	Surprise Valley	E
15	Boulder Valley	E
16	Duck Lake Valley	E
	Black Rock Desert	
17	Pilgrim Flat	E
18	Painters Flat	E
19	Dry Valley	E
20	Sano Valley	E
21	Smoke Creek Desert	E
22	San Emidio Desert	P
23	Granite Basin	E
24	Hualapai Flat	P
25	High Rock Lake Valley	P
28	Black Rock Desert	P
	West Central Region	
76	Fernley Area	P
	Truckee River Basin	
80	Winnemucca Lake Valley	P
81	Pyramid Lake Valley	E
82	Dodge Flat	E
83	Tracy Segment	P
84	Warm Springs Valley	E
85	Spanish Springs Valley	E
86	Sun Valley	E
87	Truckee Meadows	E
88	Pleasant Valley	E
89	Washoe Valley	E
90	Lake Tahoe Basin	P
91	Truckee Canyon Segment	E
	Western Region	
92	Lemmon Valley	
A	Western part	E
B	Eastern part	E
93	Antelope Valley	E
94	Bedell Flat	E
95	Dry Valley	E
96	Newcomb Lake Valley	E

Table 3.--Continued

Area number on map	Hydrographic area	Containment within county
	WASHOE COUNTY (continued)	
	Western Region (continued)	
97	Honey Lake Valley	E
98	Skedaddle Creek Valley	E
99	Red Rock Valley	E
100	Cold Spring Valley	E
	WHITE PINE COUNTY (20 areas)	
	Humboldt River Basin	
47	Huntington Valley	P
	Central Region	
154	Newark Valley	E
155	Little Smoky Valley	
A	Northern part	P
173	Railroad Valley	
B	Northern part	P
174	Jakes Valley	E
175	Long Valley	P
176	Ruby Valley	P
178	Butte Valley	
B	Southern part	P
179	Steptoe Valley	P
180	Cave Valley	P
183	Lake Valley	P
184	Spring Valley	P
185	Tippett Valley	E
186	Antelope Valley	
A	Southern part	P
B	Northern part	P
	Great Salt Lake Basin	
193	Deep Creek Valley	P
194	Pleasant Valley	E
195	Snake Valley	E
196	Hamlin Valley	P
	Colorado River Basin	
207	White River Valley	P



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4. HUMBOLDT RIVER BASIN
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⏚ NONCONTRIBUTING PART OF THE COLORADO RIVER BASIN

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226. ROCK VALLEY

LEGEND

BOUNDARY OF HYDROGRAPHIC REGIONS .....
BOUNDARY OF HYDROGRAPHIC AREAS (DOTTED WHERE ARBITRARY).....

COMPILED BY;
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COMPLETED
JANUARY 1968

REVISED
SEPTEMBER 1968

STATE OF NEVADA
HYDROGRAPHIC AREAS

PREPARED BY
DIVISION OF WATER RESOURCES
STATE ENGINEERS OFFICE

SCALE 1:500,000
1 INCH EQUALS APPROXIMATELY 8 MILES
10 0 10 20 30 40 MILES
10 0 10 20 30 40 50 KILOMETERS

CONTOUR INTERVAL 500 FEET
DATUM IS MEAN SEA LEVEL

BASE: U.S.G.S. TOPOGRAPHIC MAP OF NEVADA, EDITION OF 1965.

PREPARED WITH THE COOPERATION OF THE GEOLOGICAL SURVEY, U.S. DEPARTMENT OF INTERIOR