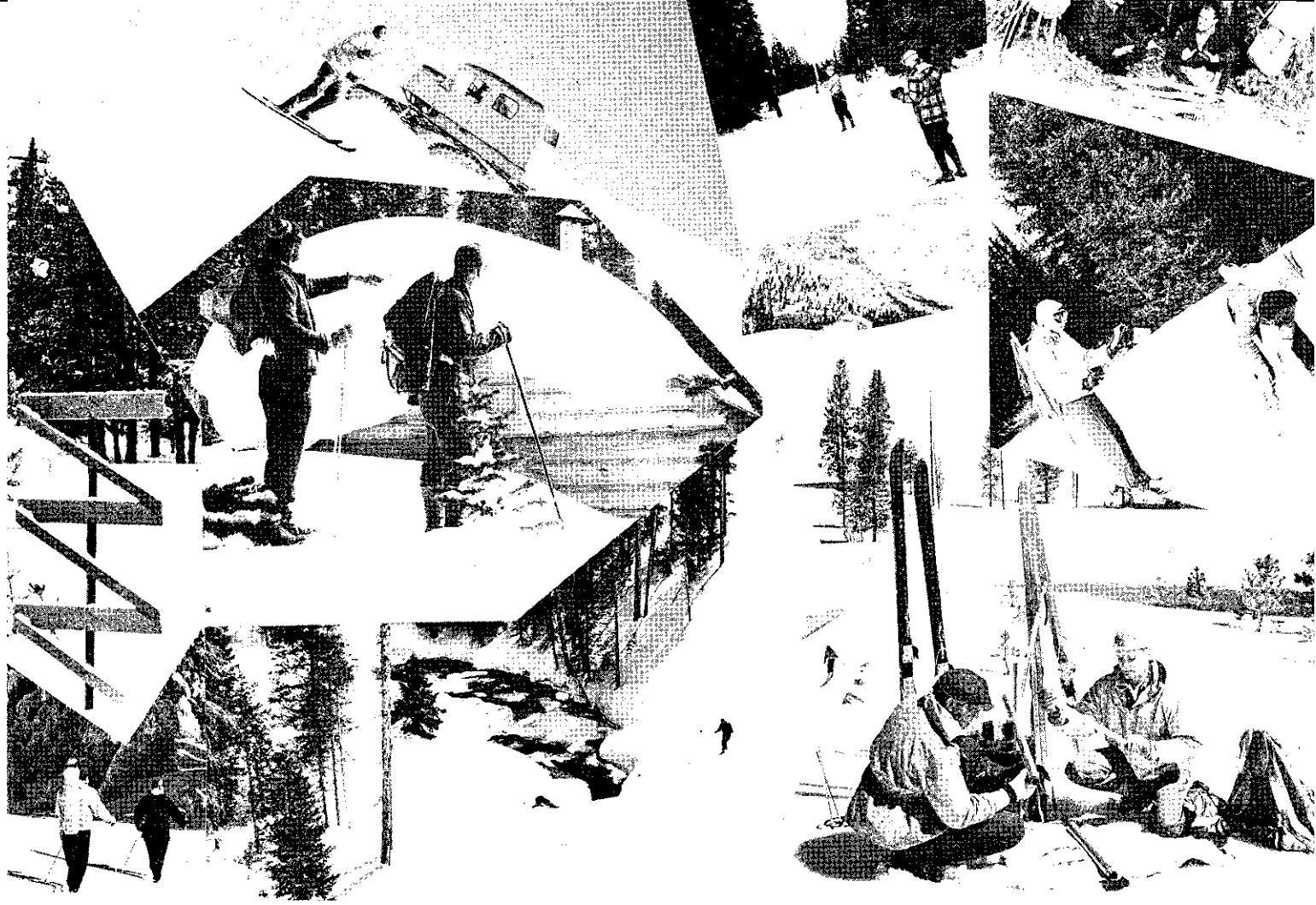

WATER SUPPLY OUTLOOK FOR UTAH

and

FEDERAL - STATE - PRIVATE COOPERATIVE SNOW SURVEYS

UNITED STATES DEPARTMENT of AGRICULTURE···SOIL CONSERVATION SERVICE,

and

UTAH STATE DEPARTMENT OF NATURAL RESOURCES -- DIVISION OF WATER RIGHTS

In cooperation with U.S. Forest Service, Bureau of Reclamation, Utah Fish and Game Dept., Utah State University, U.S. National Park Service, U.S. Geological Survey; and other Federal, State, and private organizations.

AS OF

JAN. 1, 1969

WATER SUPPLY OUTLOOK FOR UTAH

and

FEDERAL - STATE - PRIVATE COOPERATIVE SNOW SURVEYS

Issued by

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WASHINGTON, D.C.

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SALT LAKE CITY, UTAH

In Cooperation with

HUBERT C. LAMBERT
STATE ENGINEER
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UTAH STATE DEPT. OF NATURAL RESOURCES

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SNOW SURVEY SECTION
FEDERAL BLDG., ROOM 4012
SALT LAKE CITY UTAH 84111

USDA-SCS-PORTLAND, OREG. 1967 M7-L-16253

WATER SUPPLY OUTLOOK

as of
JANUARY 8, 1969

* *
* Utah's 1969 water supply outlook varies from *
* near average in the Southwestern part of the *
* state and Uintah's to above average along the *
* Wasatch mountains. Reservoir storage is 43% *
* above the 1953-67 average and 9% above last *
* year at this time. *
* *

The January 1 snow pack ranges from about half the 1953-67 average on the Escalante and Uintah rivers to about 150% of average on the head of the Strawberry, Spanish Fork and Ogden rivers. Snow cover in central Utah is 98% to 130% and the Wasatch Front near Salt Lake is about 135% of the 1953-67 15-year average for January 1. The Bear and Logan rivers have 109% and 98% of average snow pack.

Higher elevation precipitation stations show 90% to 130% of average for the October 1 - January 1 period and soils are well primed except in Southwestern Utah and along the face of the Uintahs where precipitation has been only 40% to 74% of average.

Reservoir storage in 15 of Utah's principal reservoirs, excluding the Colorado River Project, is 143% of the January 1 average and 109% of last year at this time.

Bear Lake held 1,076,000 acre feet or 127% of average. Hyrum held 10,400 acre feet or 113% and Pineview had a little over double its usual storage with 51,000 acre feet.

The three main Sevier River Reservoirs - Otter, Piute and Sevier Bridge, were 178% of average and held about 35% more water than last year on January 1.

Two Weber River Reservoirs - Echo and Rockport were 204% of average and 147% of last year.

Moon Lake storage is 168% of average and Scofield reservoir is 225% of average.

Fall streamflow has been above average and spring and summer flows are expected to be 20 - 30% above average except in the Southwestern part of the state and in the Uintahs. Several months of snow accumulation remain however, and these deficient areas may improve prior to run-off time.

All comparisons made in this report are with a new 15-year average - 1953-67. The new averages are generally a little lower than the old 1948-62 average used previously and percentage comparisons will therefore appear a little higher.

RESERVOIR STORAGE (1,000 Ac. Ft.)

BASIN or STREAM	RESERVOIR	USABLE CAPACITY	MEASURED (FIRST OF MONTH) THIS YEAR	LAST YEAR	AVERAGE[a]
	GREAT BASIN				
Bear River	Bear Lake	1421.0	1076.0	1065.3	845.0
	Woodruff Narrows	26.5	26.5	21.5	- -
Beaver River	Minersville(Rocky Ford)	23.3	17.3	12.6	7.3
Little Bear	Hyrum	15.3	10.4	10.5	9.2
	Porcupine	11.3	3.5	2.5	- -
Ogden	Causey	7.1	2.0	2.6	- -
	Pineview	110.1	51.0	55.6	24.9
Provo	Deer Creek	149.7	102.1	105.6	88.5
Sevier River	Gunnison	18.2	14.7	7.3	- -
	Otter Creek	52.5	39.4	23.5	15.5
	Piute	71.8	43.4	44.1	21.8
	Sevier Bridge	236.0	82.3	54.6	55.4
Spanish Fork	Strawberry	244.6	145.2	121.3	115.3
Utah Lake	Utah Lake	883.9c	745.2	640.5	471.2
Weber	East Canyon	48.1	28.5*	34.9	- -
	Echo	73.9	57.2	22.2	27.6
	Lost Creek	20.0	10.1*	9.4	- -
	Rockport	60.9	51.3	51.5	25.7b
	Willard Bay	193.3	109.8	106.5	- -
	COLORADO RIVER DRAINAGE				
Ashley Creek	Steinaker	33.3	20.7	24.7	14.4b
Colorado	Blue Mesa	829.5	511.9	321.4	- -
	Lake Powell	25,002.0	7085.0	6257.0	- -
Green	Flaming Gorge	3749.0	1912.6	2298.4	- -
Lake Fork	Moon Lake	35.8	21.2	19.7	12.6
Price River	Scofield	65.8	43.7	44.5	19.4
San Rafael	Joe's Valley	54.6	26.2	16.0	- -

FOOTNOTES - See last page

COMPARISON of SNOW COVER

RIVER BASIN or TRIBUTARY WATERSHED	NO. of COURSES AVERAGED	THIS YEARS SNOW WATER EXPRESSED AS PERCENT OF :	
		LAST YEAR	AVERAGE *
GREAT BASIN			
Smith's Fork - Bear River(Wyo)		134	109
Logan River		123	98
Ogden River		142	146
Weber River above Echo Dam		138	135
East Canyon Creek		130	134
Salt Lake Area		136	135
Tooele Area		124	140
American Fork River		124	118
Provo River above Vivian Park		138	129
Strawberry Reservoir Valley		115	154
Payson Creek		97	145
Sevier River above Hatch		37	82
East Fork Sevier River		23	43
Clear Creek above Sevier		94	176
Salina Creek		86	120
Mt.Pleasant Area		111	127
Ephraim Area		90	98
Mayfield Area		94	126
Coal Creek-Cedar City		54	109
COLORADO RIVER BASIN			
Duchesne-Strawberry Rivers		113	124
Whiterocks - Uintah Rivers		64	65
Price River		90	108
San Rafael River		124	128
Escalante River		23	43
Virgin River		42	87

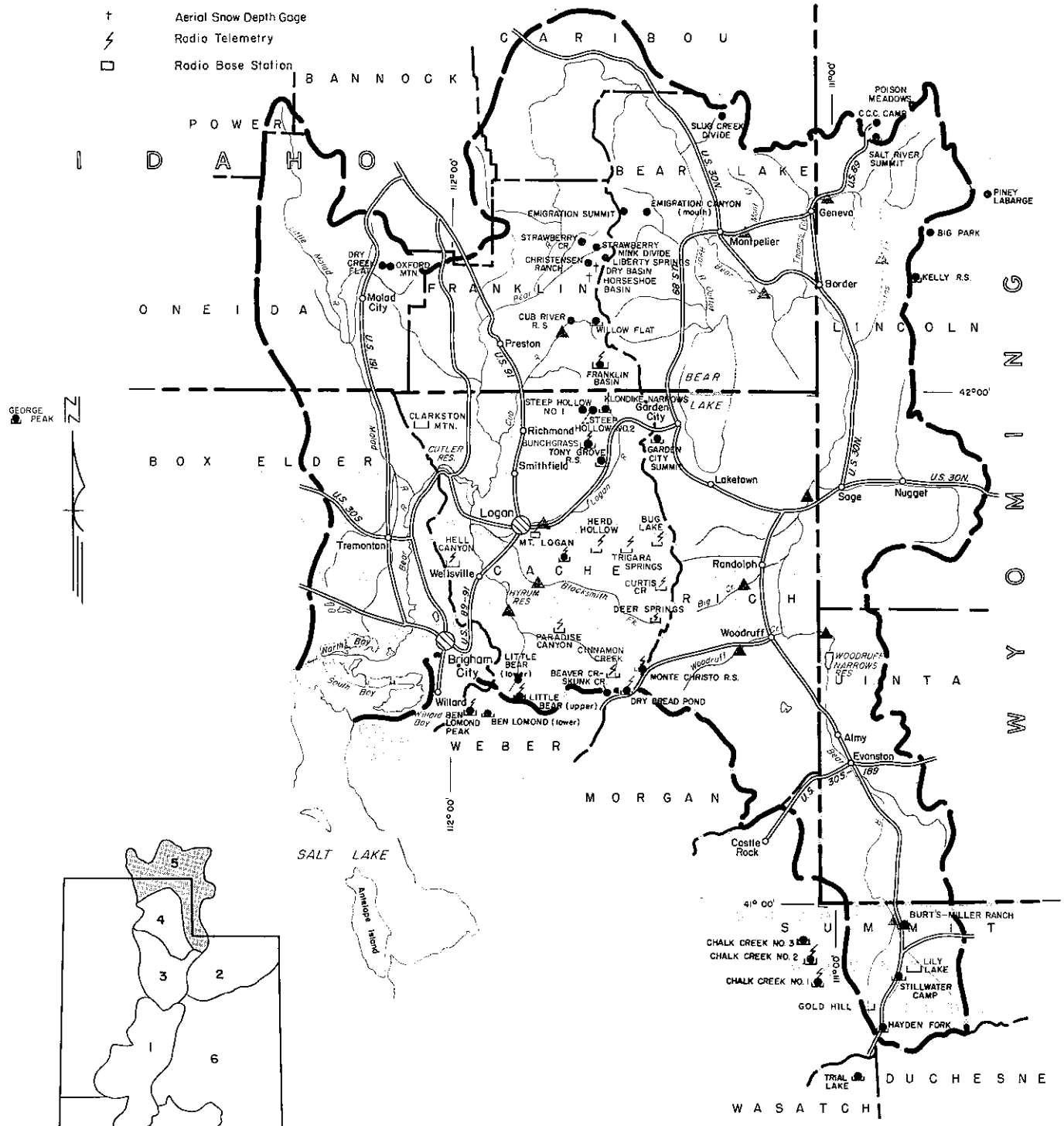
FOOTNOTES - See last page

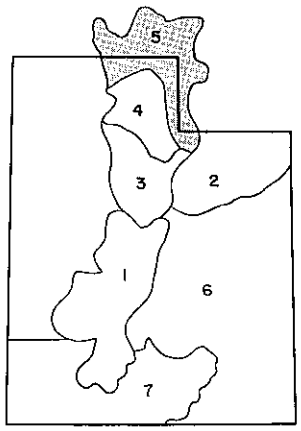
BEAR RIVER BASIN

LEGEND

- Watershed Boundary
- Soil Conservation District Bdry.
- County Boundary
- Forecast Point
- Snow Course
- S.C.S. Storage Gage
- W.B. Storage Gage
- Aerial Snow Depth Gage
- Radio Telemetry
- Radio Base Station

10 0 10 20 30
SCALE IN MILES





WATERSHED LOCATION

USDA-SCS-PORTLAND, OREG. 1968 M7-O-16253-5

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NO.	STATE	NAME	SEC.	TWP.	RGE.	ELEV.
		UPPER BEAR RIVER (above Harer, Idaho)				
10G11	W	Big Park	7	27N	117W	8,700
10J6	U	Burts-Miller Ranch	19	3N	10E	7,900
10G7	W	CCC Camp x	9	29N	118W	7,500
10J36p	U	Gold Hill	11	1N	9E	10,000
10J7	U	Hayden Fork	1	1S	9E	9,300
10G12	W	Kelly Ranger Station	13	26N	118W	8,200
10J35p	U	Lily Lake	34	2N	10E	9,300
11H12P	U	Monte Cristo R.S.	4	8N	4E	8,960
10G10	W	Piney LaBarge x	19	29N	114W	8,820
10G6	W	Poison Meadows x	29	30N	116W	8,500
10G8P	W	Salt River Summit x	32	29N	118W	7,900
10J17P	U	Stillwater Camp	32	2N	10E	8,550
		LOWER BEAR RIVER (below Harer, Idaho)				
11H14M	U	Beaver Creek-Skunk Creek	22	8N	3E	7,150
11H37p	U	Bug Lake	18	11N	5E	7,950
11H36p	U	Bunchgrass	5	13N	3E	8,400
11G11	I	Christensen Ranch	27	13S	41E	5,600
11H38p	U	Cinnamon Creek	5	8N	3E	7,300
12H1p	U	Clarkston Mtn.	29	14N	2W	6,300
11G12	I	Cub River Ranger Station	5	15S	41E	5,400
11H39p	U	Deer Springs	34	10N	4E	8,400
11G14a	I	Dry Basin	30	13S	42E	7,900
11H13MP	U	Dry Bread Pond	19	8N	4E	8,230
12G4	I	Dry Creek Flat	31	13S	37E	6,350
11G6	I	Emigrant Summit	21	12S	42E	7,350
11G7	I	Emigration Canyon (mouth)	24	12S	42E	6,500
11G8M	I	Franklin Basin	1	16S	41E	8,000
11H7MP	U	Garden City Summit	35	14N	4E	7,600
12H2p	U	Hell Canyon	24	11N	2W	6,400
11H40p	U	Herd Hollow	4	11N	3E	7,000
11G15a	I	Horseshoe Basin	31	13S	42E	8,000
11H1MP	U	Klondike Narrows	10	14N	3E	7,400
11G13	I	Liberty Springs	7	13S	42E	8,420
11H26	U	Little Bear (lower)	15	8N	1E	5,800
11H25P	U	Little Bear (upper)	22	8N	1E	6,550
11H12P	U	Monte Cristo R.S.	3	8N	4E	8,960
11H6	U	Mt. Logan	3	11N	2E	9,000
12G3	I	Oxford Mountain	32	13S	37E	6,800
11H46p	U	Paradise Canyon	36	10N	2E	7,650
11G5	I	Slug Creek Divide	15	10S	44E	7,225
11H4	U	Spring Hollow (lower)	26	12N	2E	7,000
11H5	U	Spring Hollow (upper)	35	12N	2E	8,000
11H27	U	Steep Hollow #1	7	14N	3E	8,500
11H28	U	Steep Hollow #2	9	14N	3E	7,700
11G9	I	Strawberry Creek	9	13S	41E	5,800
11G10	I	Strawberry Mink Divide	14	13S	41E	6,800
11H3M	U	Tony Grove Ranger Station	11	13N	3E	6,250
11H41p	U	Trigara Springs	29	12N	4E	7,600
11G4P	I	Willow Flat	2	15S	41E	6,100

LEGEND

Numbering system (example)

10J7	SNOW COURSE ONLY
10J7P	SNOW COURSE AND PRECIPITATION GAGE
10J7M	SNOW COURSE AND SOIL MOISTURE STATION
10J7A	SNOW COURSE AND AERIAL MARKER
10J7MA	SNOW COURSE, SOIL MOISTURE STATION AND AERIAL MARKER
10J7MP	SNOW COURSE, SOIL MOISTURE STATION AND PRECIPITATION GAGE
10J7m	SOIL MOISTURE STATION ONLY
10J7a	AERIAL MARKER ONLY
10J7p	STORAGE PRECIPITATION GAGE ONLY
x	ADJACENT DRAINAGE

SNOW

DRAINAGE BASIN and SNOW COURSE			CURRENT INFORMATION			PAST RECORD	
						WATER CONTENT (Inches)	
NAME	NO.	ELEVATION	DATE OF SURVEY	SNOW DEPTH (Inches)	WATER CONTENT (Inches)	LAST YEAR	AVERAGE [a]
BEAR RIVER BASIN							
UPPER BEAR RIVER (Above Harer, Idaho)							
CCC Camp	10G7	7500	12/31	30	5.4	4.1	4.8
Salt River Summit	10G8	7900	12/31	38	6.6	4.9	6.2
Smith & Morehouse x	11J4	7600	12/30	30	5.9	4.3	4.5b
Trial Lake x	10J8	9800	12/31	55	11.3	8.5	10.8b
LOWER BEAR RIVER (Below Harer, Idaho)							
Emigrant Summit	11G6	7700	12/26	42	9.8	8.4	
Garden City Summit	11H7	7600	12/31	30	6.0	4.6	7.3
Klondike Narrows	11H1	7400	12/31	34	7.4	6.6	8.0
Steep Hollow #1	11H27	8500	12/31	54	14.0	11.8	- -
Steep Hollow #2	11H28	7700	12/31	41	9.7	8.0	- -
Strawberry Creek	11G9	5800	12/31	29	5.1	4.9	- -
Tony Grove R.S.	11H3	6250	12/31	24	4.8	3.8	4.0
Willow Flat	11G4	6100	12/31	34	7.3	5.1	- -

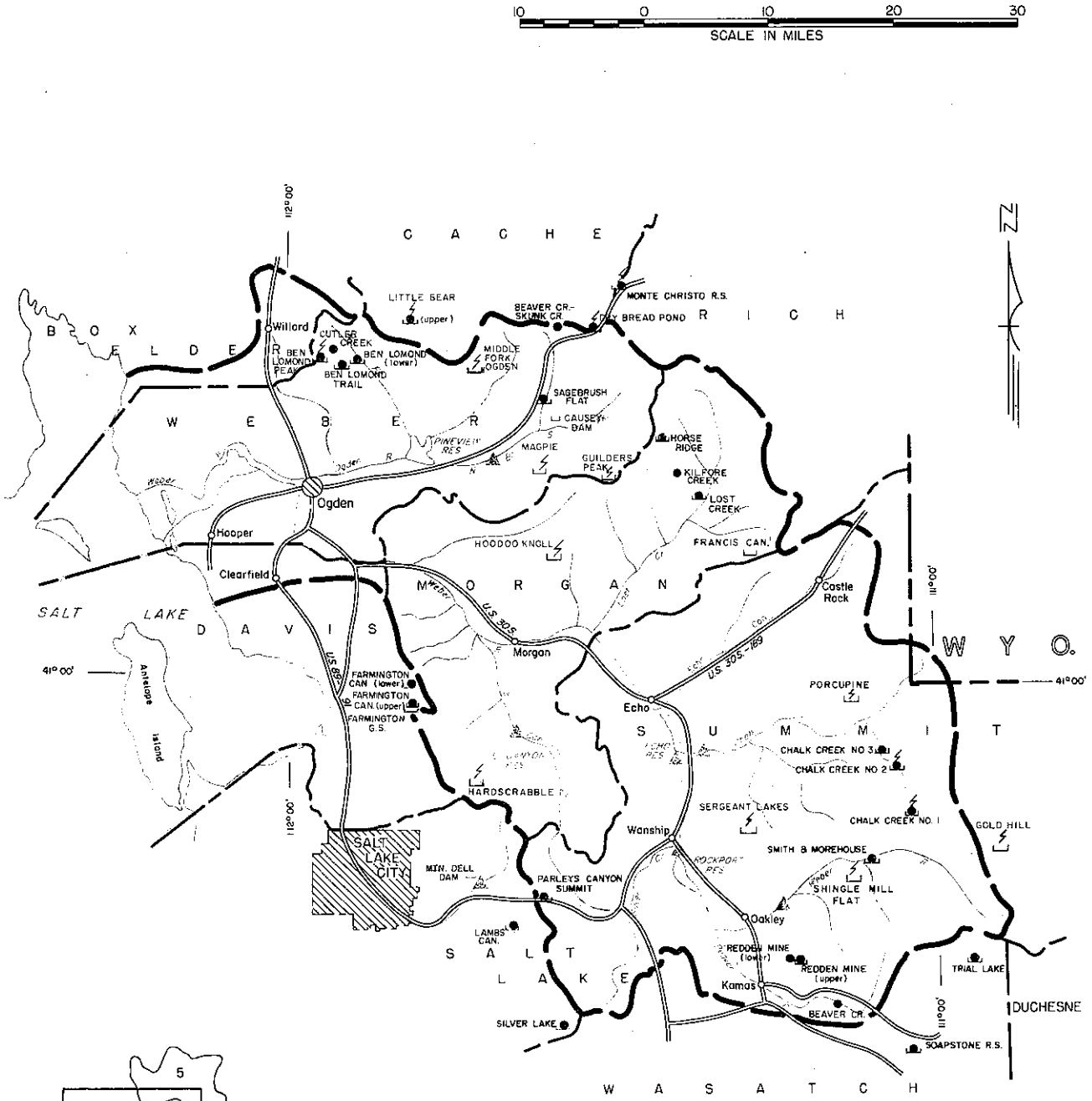
FOOTNOTES - See last page

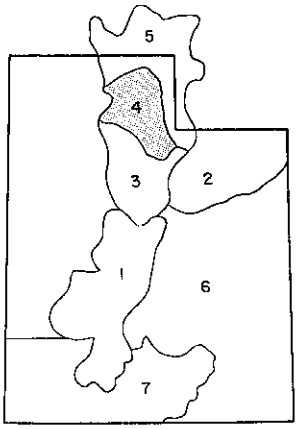
PRECIPITATION DATA (Inches)

DRAINAGE BASIN AND RAIN GAGE LOCATION	ELEVATION	CURRENT INFORMATION			FROM APPROX. OCT. 1 TO DATE		
		DATE OF READING	MONTH'S PRECIPITATION	1953-67 AVERAGE	THIS YEAR	1953-67 AVERAGE	PERCENT OF AVERAGE
Garden City Summit	7600	12/31	3.43	3.71b	8.47	7.81*	108
Klondike Narrows	7400	No Report		4.03*	- -	10.12*	- -
Salt River Summit	7900	12/31	3.50	2.99b	7.80	6.48*	120
Trial Lake	9800	12/31	4.80	3.94*	11.16	8.95*	125
Willow Flat	6100	12/31	4.60	3.11*	11.60	9.69*	120

FOOTNOTES - See last page

WEBER - OGDEN WATERSHEDS





WATERSHED LOCATION

LEGEND

- Watershed Boundary
- Soil Conservation District Bdry.
- County Boundary
- Forecast Point
- Snow Course
- S.C.S. Storage Gage
- W.B. Storage Gage
- Radio Telemetry

UT-4c

USDA SCS PORTLAND, OREG. 1988 M7-O-16253-4

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NO.	STATE	NAME	SEC.	TWP.	RGE.	ELEV.
		OGDEN RIVER				
11H14M	U	Beaver Creek-Skunk Creek	22	8N	3E	7,150
11H8	U	Ben Lomond Peak	3	7N	1E	8,000
11H9P	U	Ben Lomond (lower)	1	7N	1W	5,850
11H30P	U	Ben Lomond Trail	2	7N	1W	6,000
11H35p	U	Causey Dam	34	7N	3E	5,500
11H31	U	Cutler Creek	3	7N	1W	6,780
11H13MP	U	Dry Bread Pond	19	8N	4E	8,230
11H34p	U	Guilder's Peak	21	6N	4E	8,050
11H42p	U	Magpie	29	6N	3E	7,700
11H45p	U	Middle Fork Ogden	16	7N	2E	8,420
11H12P	U	Monte Cristo R.S.	3	8N	4E	8,960
11H10	U	Mt. Ogden	5	5N	1E	8,600
11H15P	U	Sagebrush Flat	21	7N	3E	6,300
11H11P	U	Snow Basin	32	6N	1E	6,420
		WEBER RIVER				
11J24	U	Beaver Creek R.S.	28	2S	7E	7,500
11J1	U	Chalk Creek #1	4	1N	8E	9,100
11J2MP	U	Chalk Creek #2	17 & 20	2N	8E	8,000
11J3M	U	Chalk Creek #3	7	2N	8E	7,500
11J12P	U	Farmington Canyon (lower) x	14	3N	1E	6,950
11J11	U	Farmington Canyon (upper) x	26	3N	1E	8,000
11H44p	U	Francis Canyon	29	5N	6E	7,400
11J37p	U	Hardscrabble	16	2N	2E	6,500
11H43p	U	Hoodoo Knoll	22	5N	3E	8,350
11H21P	U	Horse Ridge	1	6N	4E	8,260
11H31	U	Kilfore Creek	20	6N	5E	7,300
11J14	U	Lamb's Canyon x	19	1S	3E	6,600
11H32P	U	Lost Creek	27	6N	5E	6,125
11J15P	U	Parley's Canyon Summit	9 & 10	1S	3E	7,600
11J38p	U	Porcupine	22	3N	7E	8,100
11J6	U	Reddon Mine (lower)	1	2S	6E	8,500
11J5	U	Reddon Mine (upper)	1	2S	6E	9,000
11J39p	U	Sergeant Lakes	17	1N	5E	8,400
11J40p	U	Shingle Mill Flat	15	1S	7E	9,900
11J16P	U	Silver Lake (Brighton) x	35	2S	3E	8,725
11J4P	U	Smith & Morehouse	25	1N	7E	7,600
10J8P	U	Trial Lake x	5	2S	9E	9,800

LEGEND

Numbering system (example)

10J7	SNOW COURSE ONLY
10J7P	SNOW COURSE AND PRECIPITATION GAGE
10J7M	SNOW COURSE AND SOIL MOISTURE STATION
10J7A	SNOW COURSE AND AERIAL MARKER
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x	ADJACENT DRAINAGE

DRAINAGE BASIN and SNOW COURSE			CURRENT INFORMATION			PAST RECORD	
						WATER CONTENT (Inches)	
NAME	NO.	ELEVATION	DATE OF SURVEY	SNOW DEPTH (Inches)	WATER CONTENT (Inches)	LAST YEAR	AVERAGE [a]

WEBER-OGDEN WATERSHEDS

OGDEN RIVER

Ben Lomond(lower)	11H9	5850	12/30	37	7.2	5.4	4.4b
Ben Lomond Peak	11H8	8000	1/2	52	14.0	9.2	11.0b
Ben Lomond Trail	11H30	6000	12/30	39	7.8	5.4	3.4b
Cutler Creek	11H29	6780	12/30	51	11.5	7.2	7.7b

WEBER RIVER

Beaver Creek R.S.	11J24	7500	12/31	23	4.2	3.1	3.3b
Farmington Canyon(u)	11J11	8000	12/27	54	13.3	- -	9.2b
Farmington Canyon(1)	11J12	6950	12/27	43	10.3	- -	7.0
Lamb's Canyon #2	11J41	7400	12/27	34	7.6	- -	- -
Parley's Canyon Summit	11J15	7500	1/2	43	11.3	7.5	6.1b
Silver Lake(Brighton)	11J16	8725	12/26	37	7.9	7.3	9.6
Smith & Morehouse	11J4	7600	12/30	30	5.9	4.3	4.5b
Soapstone R.S. x	11J25	7800	12/31	35	6.4	4.1	4.7b
Trial Lake x	10J8	9800	12/31	55	11.3	8.5	10.8b

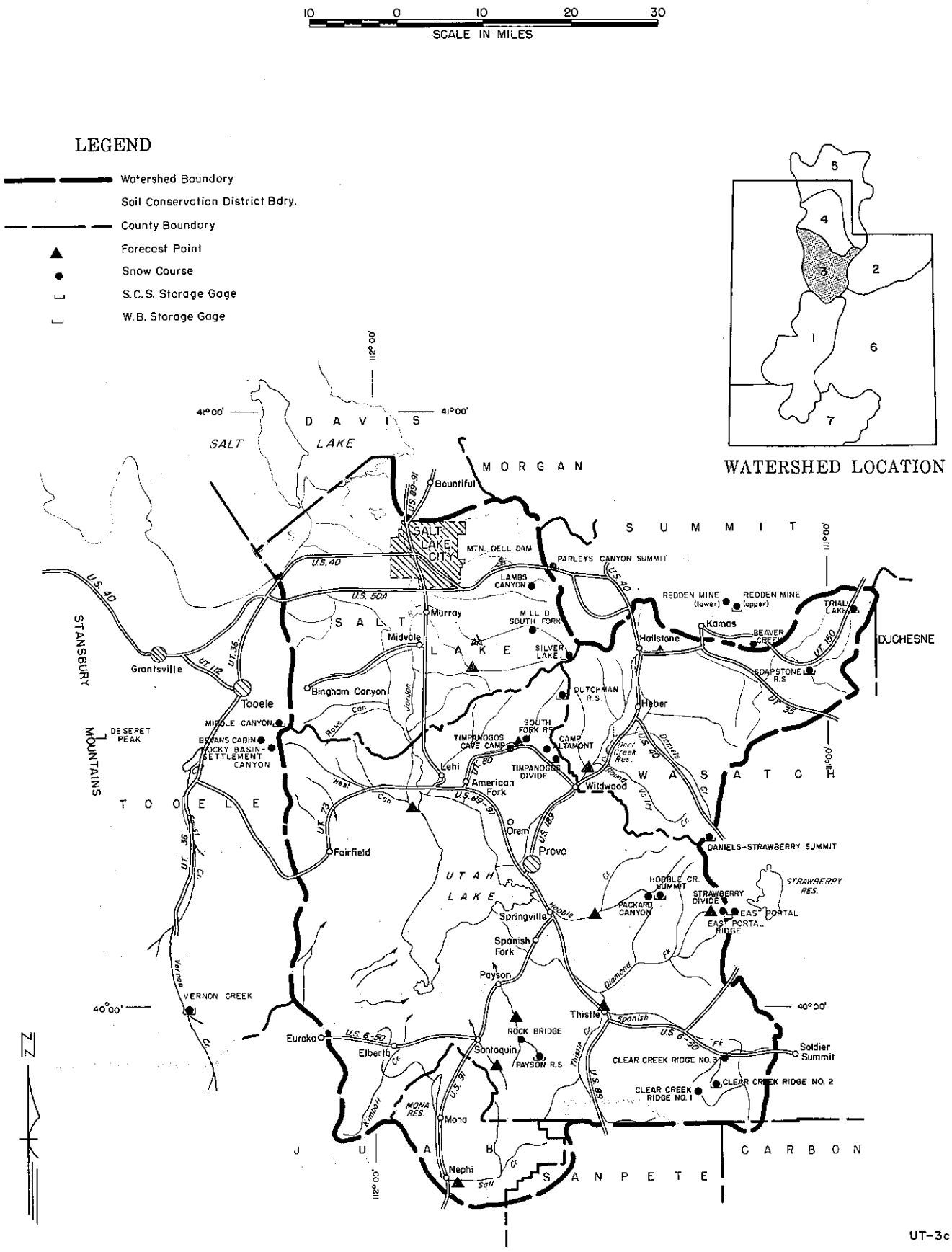
FOOTNOTES - See last page

PRECIPITATION DATA (Inches)

DRAINAGE BASIN AND RAIN GAGE LOCATION	ELEVATION	CURRENT INFORMATION			FROM APPROX. OCT. 1 TO DATE		
		DATE OF READING	MONTH'S PRECIPITATION	1953-67 AVERAGE	THIS YEAR	1953-67 AVERAGE	PERCENT OF AVERAGE
OGDEN RIVER							
Ben Lomond(lower)	5850	12/30	5.37	5.10b	14.03*	10.36*	135
Ben Lomond Trail	6000	12/30	5.48	6.09b	14.59	10.98*	133
Causey Dam	5500	No Report		3.27	- -	- -	- -
WEBER RIVER							
Farmington Guard Sta.	7500	12/27	5.52	5.60	17.54	11.44	153
Farmington Rice	7000	12/27	5.01	5.19	15.61	10.16	154
Parley's Canyon Smt.	7500	1/2	7.31	3.64	13.56	8.00	170
Silver Lake(Brighton)	8725	12/31	4.96	5.66	14.00	10.05	139
Smith & Morehouse	7600	12/30	3.57*	3.04b	8.59	6.75*	127
Trial Lake	9800	12/31	4.80	3.94*	11.16	8.95*	125

FOOTNOTES - See last page

UTAH LAKE, JORDAN RIVER AND TOOELE VALLEY WATERSHEDS



USDA-SCS-PORTLAND, OREG. 1968 M7-O-16253-3

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INDEX

NO.	STATE	NAME	SEC.	TWP.	RGE.	ELEV.
		PROVO RIVER & UTAH LAKE				
11J20	U	Camp Altamont	29	4S	3E	7,300
11K21	U	Clear Creek Ridge #1	18	11S	6E	9,200
11K22P	U	Clear Creek Ridge #2	9	11S	6E	8,000
11K23	U	Clear Creek Ridge #3	27	10S	6E	6,600
11J23MP	U	Daniels-Strawberry Summit	20	2S	12W	8,000
11J17P	U	Dutchman R.S.	27	3S	3E	7,560
11J7P	U	East Portal	36	7S	6E	7,560
11J22P	U	Hobble Creek Summit	20	7S	5E	7,420
11J31	U	Packard Canyon	21	7S	5E	6,400
11K1P	U	Payson R.S.	30	10S	3E	8,050
11K2	U	Rock Bridge	14	10S	2E	6,750
11J25P	U	Soapstone R.S.	9	3S	8E	7,800
11J19	U	South Fork R.S.	24	4S	2E	6,100
11J8	U	Strawberry Divide	34 & 35	7S	6E	8,000
11J18	U	Timpanogos Cave Camp	27	4S	2E	5,500
11J21P	U	Timpanogos Divide	33	4S	3E	8,140
10J8P	U	Trial Lake	5	2S	9E	9,800
		JORDAN RIVER & GREAT SALT LAKE				
12J2	U	Bevan's Cabin	24	4S	4W	6,450
12J5p	U	Deseret Peak	15	4S	7W	9,250
11J12P	U	Farmington Canyon (lower)	14	3N	1E	6,950
11J11	U	Farmington Canyon (upper)	26	3N	1E	8,000
11J14	U	Lamb's Canyon	19	1S	3E	6,600
12J3P	U	Middle Canyon	8	4S	3W	7,000
11J10	U	Mill D South Fork	18	2S	3E	7,400
11J15P	U	Parley's Canyon Summit x	9 & 10	1S	3E	7,600
12J1	U	Rocky Basin-Settlement Canyon	30	4S	3W	8,900
11J16P	U	Silver Lake (Brighton)	35	2S	3E	8,725
12K2P	U	Vernon Creek	21	10S	5W	7,500

LEGEND

Numbering system (example)

10J7	SNOW COURSE ONLY
10J7P	SNOW COURSE AND PRECIPITATION GAGE
10J7M	SNOW COURSE AND SOIL MOISTURE STATION
10J7A	SNOW COURSE AND AERIAL MARKER
10J7MA	SNOW COURSE, SOIL MOISTURE STATION AND AERIAL MARKER
10J7MP	SNOW COURSE, SOIL MOISTURE STATION AND PRECIPITATION GAGE
10J7m	SOIL MOISTURE STATION ONLY
10J7a	AERIAL MARKER ONLY
10J7p	STORAGE PRECIPITATION GAGE ONLY
x	ADJACENT DRAINAGE

SNOW

DRAINAGE BASIN and SNOW COURSE			CURRENT INFORMATION			PAST RECORD	
						WATER CONTENT (Inches)	
NAME	NO.	ELEVATION	DATE OF SURVEY	SNOW DEPTH (Inches)	WATER CONTENT (Inches)	LAST YEAR	AVERAGE

UTAH LAKE, JORDAN RIVER & TOOELE VALLEY WATERSHEDS

UTAH LAKE

Beaver Creek R.S.	11J24	7500	12/31	23	4.2	3.1	3.3b
Camp Altamont	11J20	7300	12/31	32	7.5	6.3	5.6
Daniels-Strawberry Smt.	11J23	8000	12/30	32	6.6	6.1	5.0
East Portal Ridge	11J7	7560	12/30	29	6.0	5.2	3.3b
Payson R. S.	11K1	8050	12/29	32	7.6	7.8	5.7b
Rock Bridge	11K2	6750	12/29	23	5.8	6.0	3.7b
Soapstone R.S.	11J25	7800	12/31	35	6.4	4.1	4.7b
South Fork R.S.	11J19	6100	12/30	16	5.2	3.8	2.4
Strawberry Divide	11J8	8000	12/30	41	9.2	7.6	6.2b
Timpanogos Cave Camp	11J18	5500	12/30	12	3.5	2.5	0.6b
Timpanogos Divide	11J21	8140	12/31	37	9.8	7.6	9.5
Trial Lake	10J8	9800	12/31	55	11.3	8.5	10.8b
Dutchman G. S.	11J17	7560	12/31	39	9.7	- -	3.6b

JORDAN RIVER

Lamb's Canyon #2	11J41	7400	12/27	34	7.6	- -	- -
Middle Canyon	12J3	7000	12/30	25	6.7	5.4	4.8b
Mill D South Fork	11J10	7400	12/26	44	9.0	6.1	6.5b
Parley's Canyon Smt.	11J15	7500	1/2	43	11.3	7.5	6.1b
Silver Lake(Brighton)	11J16	8725	12/26	37	7.9	7.3	9.6

FOOTNOTES - See last page

PRECIPITATION DATA (Inches)

DRAINAGE BASIN AND RAIN GAGE LOCATION	ELEVATION	CURRENT INFORMATION			FROM APPROX. OCT. 1 TO DATE		
		DATE OF READING	MONTH'S PRECIPITATION	1953-67 AVERAGE	THIS YEAR	1953-67 AVERAGE	PERCENT OF AVERAGE
UTAH LAKE							
Daniels-Strawberry Smt.	8000	12/30	3.77	3.44	9.30	7.51b	124
East Portal Ridge	7800	12/30	4.34	3.01	9.74	7.40*	132
Payson R. S.	8050	12/29	5.01*	2.98b	8.80	7.03b	125
Soapstone R. S.	7800	12/31	2.83	3.14b	8.08	6.28*	129
Timpanogos Divide	8200	12/31	5.30	5.11	14.70	10.84	136
Trial Lake	9800	12/31	4.80	3.94*	11.16	8.95*	125
Dutchman R. S.	7560	12/31	4.75	- -	12.50	- -	- -
JORDAN RIVER & TOOELE VALLEY							
Middle Canyon	7000	12/30	3.20*	2.35b	9.79	7.20*	136
Mt. Dell Dam	5500	12/31	2.35	2.02	6.96	5.48	127
Parley's Canyon Smt.	7500	1/2	7.31	3.64b	13.56	8.00*	170
Silver Lake(Brighton)	8725	12/31	4.96	5.66	14.00	10.05	139

FOOTNOTES - See last page

UINTAH BASIN & DAGGETT S. C. D's.

LEGEND

- Watershed Boundary
- Sub-watershed Boundary
- Soil Conservation District Bdry.
- County Boundary
- Forecast Point
- Snow Course
- S.C.S. Storage Gage
- W.B. Storage Gage
- Aerial Snow Depth Gage
- Snow Course and Aerial Snow Depth Gage
- Soil Moisture Station
- Snow Course, Storage Gage and Soil Moisture Station
- Radio Telemetry

N

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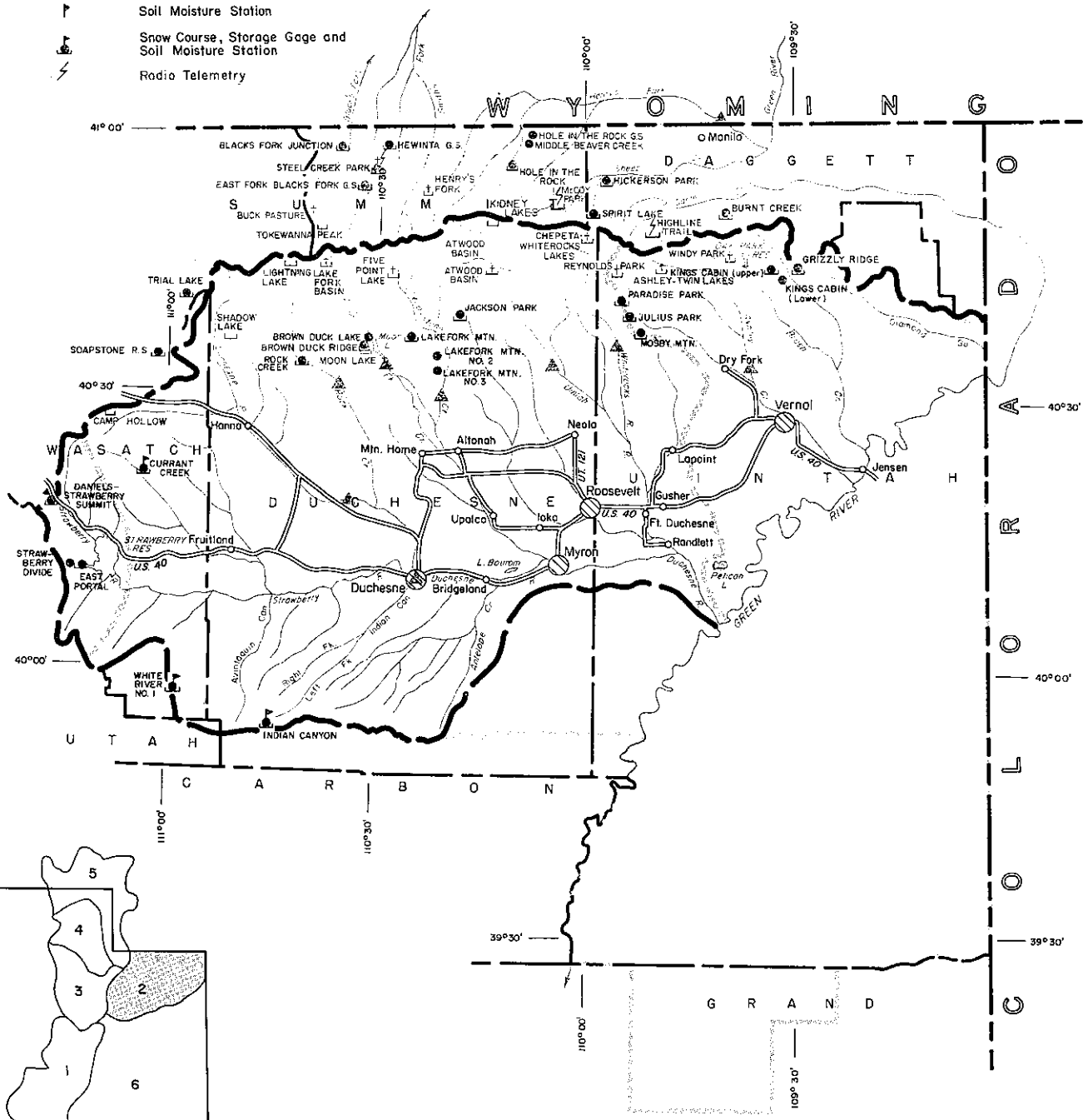
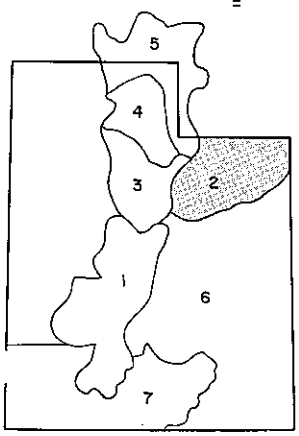
SCALE IN MILES





WATERSHED LOCATION

USDA-SCS-PORTLAND, OREG. 1966 M7-O-16253-2

UT-2c

INDEX

NO.	STATE	NAME	SEC.	TWP.	RGE.	ELEV.
		UPPER GREEN RIVER IN UTAH (above Duchesne River)				
9J11a	U	Ashley Twin Lakes	20	1S	19E	10,500
10J21P	U	Black's Fork G.S.-East Fork	25	2N	12E	9,300
10J22P	U	Black's Fork Junction	33	3N	12E	8,925
10J23a	U	Buck Pasture	14	1N	11E	9,700
10J4P	U	Hewinta G.S.	33	3N	13E	9,500
9J8	U	Hickerson Park	24	2N	17E	9,100
9J15p	U	Highline Trail	23	1N	19E	10,250
10J1	U	Hole-in-the-Rock	13	2N	15E	9,150
10J3	U	Hole-in-the-Rock G.S.	32	3N	16E	8,300
9J2	U	King's Cabin (lower)	23 & 26	1S	21E	8,600
9J1P	U	King's Cabin (upper)	22	1S	21E	8,730
10J37p	U	McCoy Park	6	1N	17E	10,680
10J2	U	Middle Beaver Creek	31	3N	16E	8,550
9J7P	U	Spirit Lake	10	1N	17E	10,300
10J20A	U	Steel Creek Park	17	2N	13E	9,900
9J12a	U	Windy Park	1	1S	20E	9,400
		DUCHESNE RIVER				
10J27a	U	Atwood Basin	21	1S	15E	10,250
10J9	U	Brown Duck Lake	2	2N	6W	10,300
9J9a	U	Chepeta-Whiterocks Lakes	3	1S	17E	10,300
11J32MP	U	Currant Creek	31	1S	10W	7,800
11J23MP	U	Daniels-Strawberry Summit x	20	2S	12W	8,000
11J7P	U	East Portal x	36	7S	6E	7,560
10J26a	U	Five Point Lake	28	4N	5W	11,000
10K1P	U	Indian Canyon	2	11S	10E	9,100
10J19	U	Jackson Park	23	3N	4W	11,300
9J6P	U	Julius Park	20	3N	1E	9,800
10J25a	U	Lakefork Basin	13	4N	7W	11,100
10J10P	U	Lakefork Mountain	2 & 3	2N	5W	10,200
10J11	U	Lakefork Mountain #2	17	2N	4W	8,900
10J12	U	Lakefork Mountain #3	29	2N	4W	8,100
9J5	U	Mosby Mountain	27	2S	18E	9,500
9J3P	U	Paradise Park	7	3N	1E	10,100
10J18P	U	Rock Creek	21	2N	7W	7,900
10J25P	U	Soapstone R.S. x	9	3S	8E	7,800
11J8	U	Strawberry Divide x	34 & 35	7S	6E	8,000
10J8P	U	Trial Lake x	5	2S	9E	9,800
10K2MP	U	White River #1 x	11	10S	8E	8,550

LEGEND

Numbering system (example)

10J7	SNOW COURSE ONLY
10J7P	SNOW COURSE AND PRECIPITATION GAGE
10J7M	SNOW COURSE AND SOIL MOISTURE STATION
10J7A	SNOW COURSE AND AERIAL MARKER
10J7MA	SNOW COURSE, SOIL MOISTURE STATION AND AERIAL MARKER
10J7MP	SNOW COURSE, SOIL MOISTURE STATION AND PRECIPITATION GAGE
10J7m	SOIL MOISTURE STATION ONLY
10J7a	AERIAL MARKER ONLY
10j7p	STORAGE PRECIPITATION GAGE ONLY
x	ADJACENT DRAINAGE

SNOW

DRAINAGE BASIN and SNOW COURSE			CURRENT INFORMATION			PAST RECORD	
						WATER CONTENT (Inches)	
NAME	NO.	ELEVATION	DATE OF SURVEY	SNOW DEPTH (Inches)	WATER CONTENT (Inches)	LAST YEAR	AVERAGE [a]

UINTAH BASIN & DAGGETT SCD'S

UINTAH BASIN SCD

Daniels-Strawberry Smt x	11J23	8000	12/30	32	6.6	6.1	5.0
East Portal x	11J7	7560	12/30	29	6.0	5.2	3.3b
Indian Canyon	10K1	9100	12/30	17	2.7	4.7	4.6
Julius Park	9J6	9800	12/31	20	3.8	5.4	5.3b
Mosby Mountain	9J5	9500	12/31	16	2.6	5.2	4.2b
Paradise Park	9J3	10100	12/31	18	3.3	4.6	5.3b
Soapstone R.S. x	11J25	7800	12/31	35	6.4	4.1	4.7b
Strawberry Divide x	11J8	8000	12/30	41	9.2	7.6	6.2b
Trial Lake x	10J8	9800	12/31	55	11.3	8.5	10.8b
Grizzly Ridge	9J13	8500	12/31	19	3.0	- -	- -

DAGGETT SCD

Burnt Creek	9J14	7900	12/31	10	1.5	- -	- -

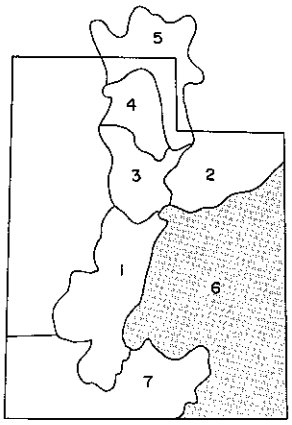
FOOTNOTES - See last page

PRECIPITATION DATA (Inches)

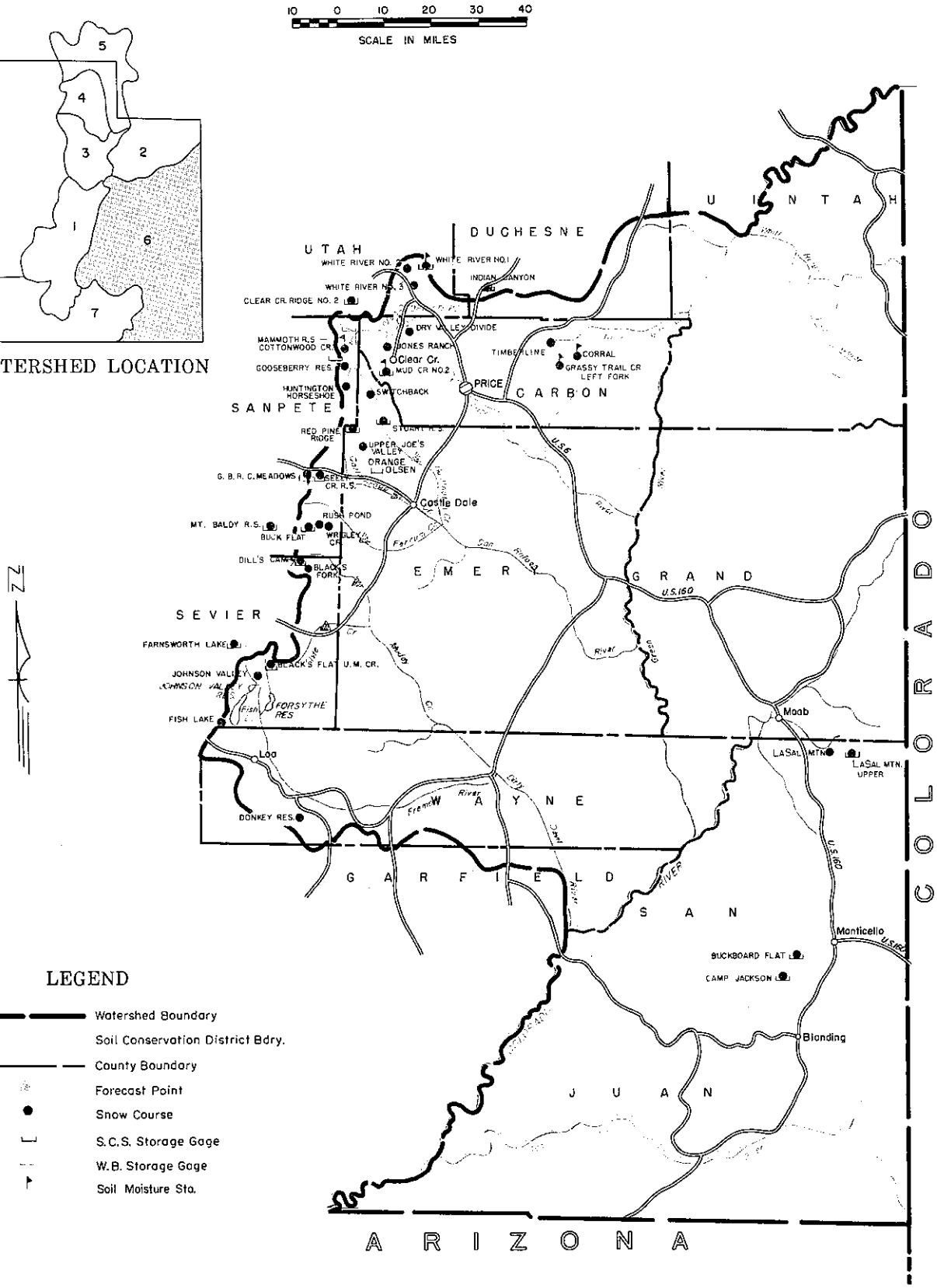
DRAINAGE BASIN AND RAIN GAGE LOCATION	ELEVATION	CURRENT INFORMATION			FROM APPROX. OCT. 1 TO DATE		
		DATE OF READING	MONTH'S PRECIPITATION	1953-67 AVERAGE	THIS YEAR	1953-67 AVERAGE	PERCENT OF AVERAGE
DAGGETT SCD							
Burnt Creek	7900	12/31	0.96	- -	2.97	- -	- -
UINTAH BASIN SCD							
Daniels-Strawberry Smt.x	8000	12/30	3.77	3.44b	9.30	7.51b	124
East Portal Ridge x	7800	12/30	4.34	3.01	9.74	7.40*	132
Grizzly Ridge	8500	12/31	1.70	- -	4.25	- -	- -
Indian Canyon	9100	12/30	0.94*	2.39b	3.47	6.82b	51
Julius Park	9800	12/31	1.84*	1.87*	4.25	5.75*	74
Moon Lake	8150	12/31	.70	1.22	2.50	6.27	40
Mosby Mountain	9500	12/31	1.76*	- -	3.80	- -	- -
Paradise Park	10100	12/31	1.89*	2.32*	4.24	6.06*	70
Soapstone R. S. x	7800	12/31	2.83	3.14b	8.08	6.28*	129
Trial Lake x	9800	12/31	4.80	1.38*	11.16	8.95*	125

FOOTNOTES - See last page

CARBON, EMERY, WAYNE, GRAND AND SAN JUAN COUNTIES



WATERSHED LOCATION



LEGEND

- Watershed Boundary
- Soil Conservation District Bdry.
- County Boundary
- Forecast Point
- Snow Course
- S.C.S. Storage Gage
- W.B. Storage Gage
- Soil Moisture Sta.

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NO.	STATE	NAME	SEC.	TWP.	RGE.	ELEV.
		PRICE RIVER				
10K5M	U	Corral	32	13S	14E	8,200
11K8	U	Dry Valley Divide	20	12S	8E	7,800
11K4P	U	Gooseberry Reservoir	25	13S	5E	8,700
10K3M	U	Grassy Trail Creek-Left Fork	2	14S	13E	7,970
11K5	U	Huntington-Horseshoe	12	14S	5E	9,800
10K1P	U	Indian Canyon x	2	11S	10E	9,100
11K7	U	Jones Ranch	32	12S	7E	7,600
11K3MP	U	Mammoth R.S. - Cottonwood Creek x	13 & 23	13S	5E	8,800
11K33MP	U	Mud Creek	4	14S	7E	8,300
10K6	U	Timberline	28	13S	13E	9,100
10K2MP	U	White River #1	11	10S	8E	8,550
11K24	U	White River #2	9	10S	8E	7,600
11K25	U	White River #3	30	10S	8E	7,400
		SAN RAFAEL RIVER				
11K31P	U	Buck Flat	23	19S	4E	9,400
11K4P	U	Gooseberry Reservoir	25	13S	5E	8,700
11K5	U	Huntington-Horseshoe	12	14S	5E	9,800
11K28P	U	Red Pine Ridge	5	16S	6E	9,400
11K38	U	Rush Pond	24	19S	4E	9,800
11K9	U	Seeley Creek R.S.	25	17S	4E	10,000
11K27P	U	Stuart R.S.	8 & 9	15S	7E	7,950
11K26	U	Switchback	14	14S	6E	8,600
11K29	U	Upper Joe's Valley	21	16S	6E	8,800
11K32	U	Wrigley Creek	27	19S	5E	9,000
		MUDDY RIVER				
11K14	U	Black's Fork	34	20S	4E	9,200
11K15	U	Dill's Camp	27	20S	4E	9,200
		FREMONT RIVER				
11L4P	U	Black's Flat-U.M. Creek	33	24S	3E	9,250
11L5	U	Donkey Reservoir	9	30S	4E	9,800
11L3	U	Fish Lake	35	26S	1E	8,700
11L6	U	Johnson Valley	24	25S	2E	8,850
		SOUTHEASTERN UTAH DRAINAGES				
9M1P	U	Buckboard Flat	36	33S	22E	9,000
9M2P	U	Camp Jackson	22	34S	22E	8,600
9L1	U	LaSal Mountain	5	27S	24E	8,800
9L2P	U	LaSal Mountain (upper)	3	27S	24E	9,400

LEGEND

Numbering system (example)

10J7	SNOW COURSE ONLY
10J7P	SNOW COURSE AND PRECIPITATION GAGE
10J7M	SNOW COURSE AND SOIL MOISTURE STATION
10J7A	SNOW COURSE AND AERIAL MARKER
10J7MA	SNOW COURSE, SOIL MOISTURE STATION AND AERIAL MARKER
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10J7m	SOIL MOISTURE STATION ONLY
10J7a	AERIAL MARKER ONLY
10J7p	STORAGE PRECIPITATION GAGE ONLY
x	ADJACENT DRAINAGE

CARBON, EMERY, WAYNE, GRAND & SAN JUAN COUNTIES

DRAINAGE BASIN and SNOW COURSE			CURRENT INFORMATION			PAST RECORD	
						WATER CONTENT (Inches)	
NAME	NO.	ELEVATION	DATE OF SURVEY	SNOW DEPTH (Inches)	WATER CONTENT (Inches)	LAST YEAR	AVERAGE[a]
PRICE RIVER							
Dry Valley Divide	11K8	7800	12/26	21	3.6	5.5	3.3b
Gooseberry Reservoir	11K4	8700	12/26	32	7.7	6.2	6.0b
Indian Canyon	10K1	9100	12/30	17	2.7	4.7	4.6
Jones Ranch	11K7	7600	12/26	17	2.7	3.9	1.8
Mammoth R.S.-Ctnwd. Crk.	11K3	8800	12/26	33	7.7	7.8	6.1b
Mud Creek	11K33	8300	12/26	31	5.3	5.0	4.5*
SAN RAFAEL RIVER							
G.B.R.C. Meadows x	11K10	10000	12/31	33	9.4	8.7	8.4b
Gooseberry Reservoir x	11K4	8700	12/26	32	7.7	6.2	6.0b
Mt. Baldy R.S. x	11K12	9500	12/27	38	8.8	8.9	7.2b
FREMONT RIVER							
Farnsworth Lake x	11L1	9900	12/30	28	6.9	7.9	6.0b

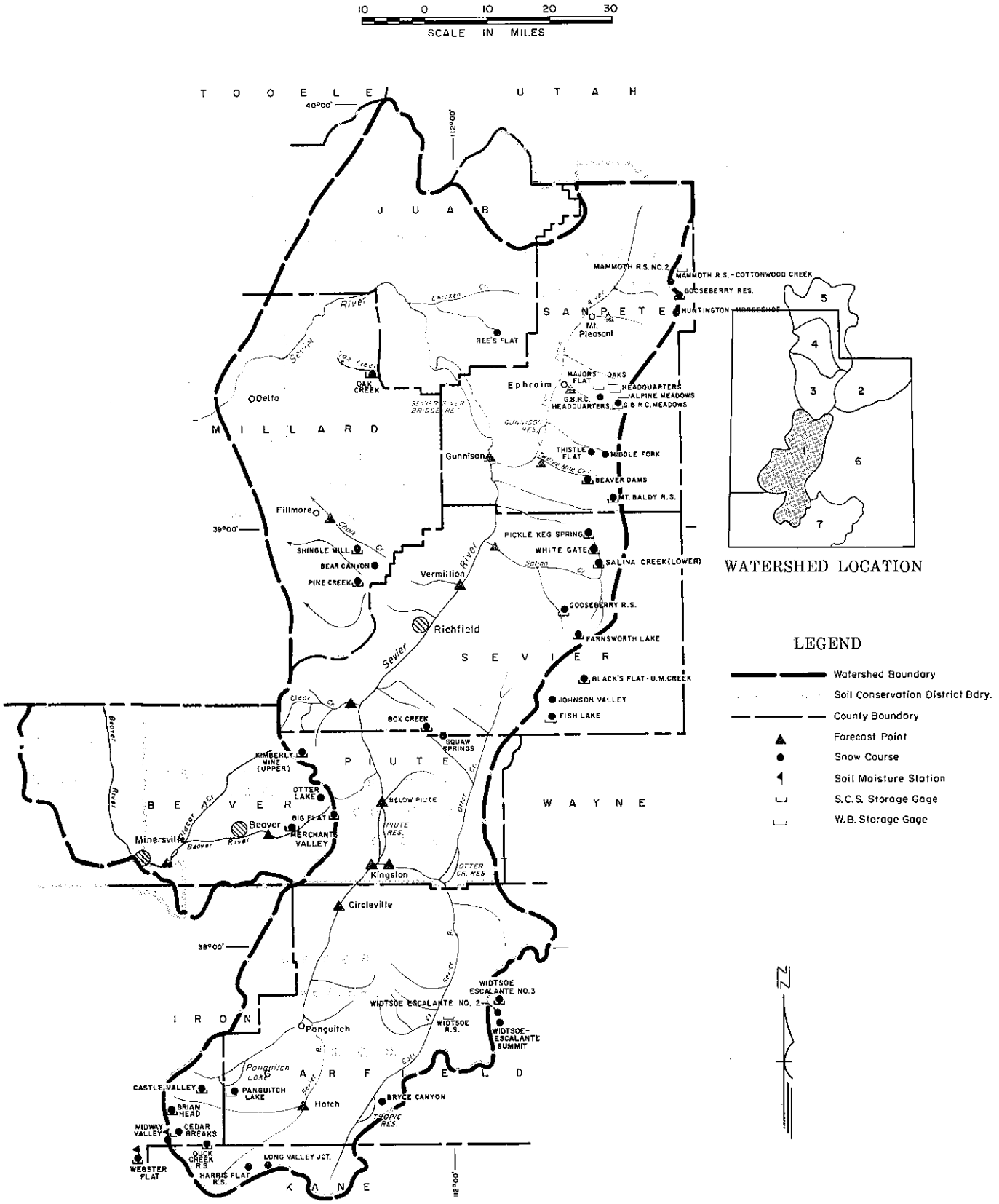
FOOTNOTES - See last page

PRECIPITATION DATA (Inches)

DRAINAGE BASIN AND RAIN GAGE LOCATION	ELEVATION	CURRENT INFORMATION			FROM APPROX. OCT. 1 TO DATE		
		DATE OF READING	MONTH'S PRECIPITATION	1953-67 AVERAGE	THIS YEAR	1953-67 AVERAGE	PERCENT OF AVERAGE
PRICE RIVER							
Gooseberry Reservoir	8700	12/26	3.33	3.46b	7.64	6.98*	109
Indian Canyon	9100	12/30	0.94*	2.39b	3.47	6.82b	51
Mammoth R. S. #2	8600	12/26	3.83	3.74b	8.33	7.61*	109
Mud Creek	8300	12/26	2.40	2.62*	7.05	6.27*	112
SAN RAFAEL RIVER							
G.B.R.C. Meadows x	10000	12/31	3.71	3.51b	8.97	8.53	105
Gooseberry Reservoir x	8700	12/26	3.33	3.46	7.64	6.98*	109
FREMONT RIVER							
Farnsworth Lake x	9900	12/30	3.88	2.86b	8.27	6.91b	120

FOOTNOTES - See last page

SEVIER RIVER BASIN including BEAVER RIVER



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NO.	STATE	NAME	SEC.	TWP.	RGE.	ELEV.
		UPPER SEVIER RIVER (South of Richfield, Utah)				
12L7P	U	Big Flat x	18	29S	4W	10,290
12L4P	U	Box Creek	33	26S	2W	9,800
12M8	U	Bryce Canyon	36	36S	4W	8,000
12M13P	U	Castle Valley	22	36S	8W	9,700
12M1P	U	Cedar Breaks	2	37S	9W	10,390
12M4P	U	Duck Creek R.S.	11	38S	8W	8,560
11L3	U	Fish Lake x	35	26S	1E	8,700
12M5	U	Harris Flat	24	38S	7W	7,700
12L6P	U	Kimberly Mine	11	27S	5W	9,100
12M6	U	Long Valley Junction x	22	38S	6W	7,500
12M2M	U	Midway Valley	26	37S	9W	9,800
12M7P	U	Panguitch Lake	4 & 5	36S	7W	8,200
12L5	U	Squaw Springs	3	27S	2W	9,300
11M1	U	Widtsoe-Escalante Summit	22	34S	1W	9,500
11M2	U	Widtsoe-Escalante #2	22	34S	1W	9,500
11M3P	U	Widtsoe-Escalante #3	22	34S	1W	9,500
11M4P	U	Widtsoe R.S.	22	34S	2W	7,600
		LOWER SEVIER RIVER (Including San Pitch River)				
12L3	U	Bear Canyon	17	22S	3W	7,200
11K13P	U	Beaver Dams	27	19S	3E	8,000
11L1P	U	Farnsworth Lake	27 & 33	23S	2E	9,900
11K11P	U	G.B.R.C. Headquarters	21	17S	4E	8,700
11K10	U	G.B.R.C. Meadows	26 & 27	17S	4E	10,000
11L2	U	Gooseberry R.S.	32	23S	2E	8,400
11K4P	U	Gooseberry Reservoir x	25	13S	5E	8,700
11K5	U	Huntington-Horseshoe x	12	14S	5E	9,800
11K3MP	U	Mammoth R.S.-Cottonwood Creek	13	13S	5E	8,800
11K34	U	Middle Fork	16	18S	4E	9,600
11K12P	U	Mt. Baldy R.S.	19	19S	4E	9,500
11K2P	U	Oak Creek	9	17S	3W	7,760
12L1P	U	Pine Creek	24	22S	4W	8,700
11K36	U	Rees's Flat	24	15S	2E	7,300
12L11P	U	Shingle Mill	5	22S	3W	6,200
11K35	U	Thistle Flat	24	18S	4E	8,500
		BEAVER RIVER				
12L7P	U	Big Flat	18	29S	4W	10,290
12L9P	U	Merchant's Valley	8 & 9	29S	5W	8,200
12L8	U	Otter Lake	1	29S	5W	9,300

LEGEND

Numbering system (example)

10J7	SNOW COURSE ONLY
10J7P	SNOW COURSE AND PRECIPITATION GAGE
10J7M	SNOW COURSE AND SOIL MOISTURE STATION
10J7A	SNOW COURSE AND AERIAL MARKER
10J7MA	SNOW COURSE, SOIL MOISTURE STATION AND AERIAL MARKER
10J7MP	SNOW COURSE, SOIL MOISTURE STATION AND PRECIPITATION GAGE
10J7m	SOIL MOISTURE STATION ONLY
10J7a	AERIAL MARKER ONLY
10J7p	STORAGE PRECIPITATION GAGE ONLY
x	ADJACENT DRAINAGE

SNOW

DRAINAGE BASIN and SNOW COURSE			CURRENT INFORMATION			PAST RECORD	
NAME	NO.	ELEVATION	DATE OF SURVEY	SNOW DEPTH (Inches)	WATER CONTENT (Inches)	WATER CONTENT (Inches) LAST YEAR	AVERAGE [a]

SEVIER RIVER BASIN

UPPER SEVIER RIVER - South of Richfield, Utah

Bryce Canyon	12M8	8000	12/29	6	1.5	5.3	1.4b
Duck Creek R.S.	12M4	8560	12/30	17	3.2	9.2	3.9b
Harris Flat R.S.	12M5	7700	12/30	12	2.0	6.4	2.0b
Kimberly Mine	12L6	9100	12/31	25	6.7	7.1	3.8b
Long Valley Jct.	12M6	7500	12/30	12	2.6	6.0	0.6b
Midway Valley	12M2	9800	12/30	21	4.7	10.5	7.5b
Widtsoe-Escalante Smt.	11M1	9500	12/30	5	0.9	7.0	2.6
Widtsoe-Escalante #2	11M2	9500	12/30	11	1.8	6.0	3.7
Widtsoe-Escalante #3	11M3	9500	12/30	13	2.0	7.8	4.5b

LOWER SEVIER RIVER - Including San Pitch River

Beaver Dams	11K13	8000	12/27	21	4.7	5.2	3.5b
Farnsworth Lake	11L1	9900	12/30	28	6.9	7.9	6.0b
G.B.R.C. Headquarters	11K11	8700	12/31	24	4.6	6.3	5.5b
G.B.R.C. Meadows	11K10	10000	12/31	33	9.4	8.7	8.4b
Gooseberry R.S.	11L2	8400	12/30	20	4.6	5.4	3.7b
Gooseberry Reservoir	11K4	8700	12/26	32	7.7	6.2	6.0b
Mammoth R.S.-Ctnwood Crk	11K3	8800	12/26	33	7.7	7.8	6.1b
Mt. Baldy	11K12	9500	12/27	38	8.8	8.9	7.2b
Pine Creek	12L1	8700	No Report			7.8	- -
Shingle Mill	12L11	6200	1/2	17	4.5	5.5	- -

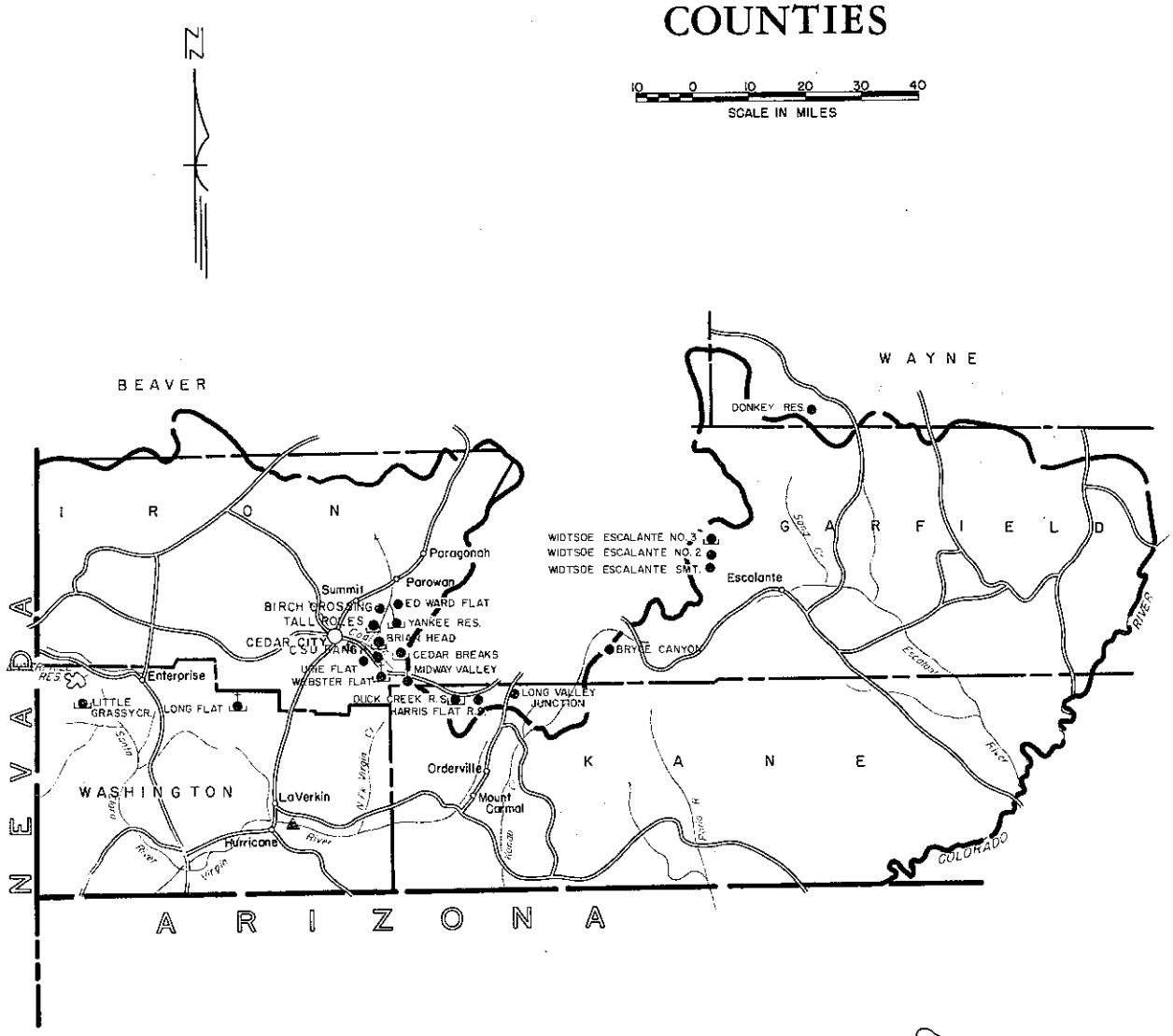
FOOTNOTES - See last page

PRECIPITATION DATA (Inches)

DRAINAGE BASIN AND RAIN GAGE LOCATION	ELEVATION	CURRENT INFORMATION			FROM APPROX. OCT. 1 TO DATE		
		DATE OF READING	MONTH'S PRECIPITATION	1953-67 AVERAGE	THIS YEAR	1953-67 AVERAGE	PERCENT OF AVERAGE
SEVIER RIVER							
Duck Creek R. S.	8560	12/30	3.65	2.53*	5.00	7.65*	65
Farnsworth Lake	9900	12/30	3.88	2.86b	8.27	6.91b	120
G.B.R.C. Headquarters	8700	12/31	2.56	2.83	6.22	7.28	85
G.B.R.C. Meadows	10000	12/31	3.71	3.51b	8.97	8.53b	105
G.B.R.C. Oaks	7655	12/31	1.75	1.94	4.78	4.97	96
Gooseberry R. S.	7800	12/30	2.40	1.91b	5.63	4.78*	118
Gooseberry Reservoir	8700	12/26	3.33	3.46b	7.64	6.98*	109
Kimberly Mine	9100	12/31	3.02	2.96*	8.67	6.88*	126
Mammoth R. S. #2	8600	12/26	3.83	3.74b	8.33	7.61*	109
Mt. Baldy	9500	12/27	3.59*	2.26*	7.36	7.17*	103
Shingle Mill	6200	1/2	2.38	1.74*	6.27	5.86*	108
Webster Flat	9200	12/30	3.37*	3.65b	4.20	7.64b	55
Widtsoe-Escalante #3	9500	12/30	1.65	1.51b	2.95	6.14b	48
Widtsoe R. S.	7600	12/30	0.60	0.61	1.35	2.49	54
BEAVER RIVER							
Beaver Canyon P. H.	7275	12/31	3.17	- -	3.85	- -	108

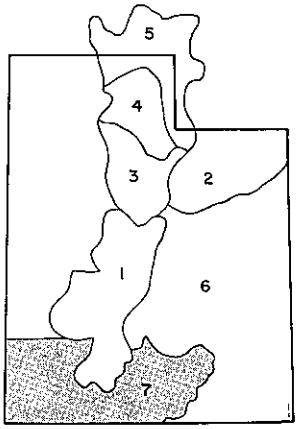
FOOTNOTES - See last page

EAST GARFIELD, KANE, WASHINGTON AND IRON COUNTIES



LEGEND

- Watershed Boundary
- Soil Conservation District Bdry.
- County Boundary
- Forecast Point
- Snow Course
- Aerial Snow Depth Gage
- S.C.S. Storage Gage
- W.B. Storage Gage



WATERSHED LOCATION

USDA-SCS-PORTLAND, OREG. 1969 M-7-O-16253-7

INDEX

NO.	STATE	NAME	SEC.	TWP.	RGE.	ELEV
		PARIA RIVER				
12M8	U	Bryce Canyon x	36	36S	4W	8,000
		PAROWAN CREEK				
12M16	U	Birch Crossing	23	35S	9W	8,100
12M14	U	Brian Head	10	36S	9W	10,000
12M12	U	Ed Ward Flat	17	35S	8W	8,300
12M15	U	Tall Poles	26 & 35	35S	9W	8,800
12M11P	U	Yankee Reservoir	20	35S	8W	8,700
		COAL CREEK				
12M1P	U	Cedar Breaks x	2	37S	9W	10,390
12M17	U	CSU Ranch	18	37S	9W	8,200
12M2M	U	Midway Valley x	26	37S	9W	9,800
12M10	U	Urie Flat	11	37S	10W	8,450
12M3MP	U	Webster Flat x	20	37S	9W	9,200
		ENTERPRISE TO NEW HARMONY DRAINAGES				
13M4MP	U	Little Grassy Creek	15	38S	17W	6,100
13M2MP	U	Long Flat	2	38S	14W	8,000
		ESCALANTE RIVER				
11M1	U	Widtsoe-Escalante Summit	22	34S	1W	9,500
11M2	U	Widtsoe-Escalante #2	22	34S	1W	9,500
11M3P	U	Widtsoe-Escalante #3	22	34S	1W	9,500
		VIRGIN RIVER				
12M1P	U	Cedar Breaks x	2	37S	9W	10,390
12M4P	U	Duck Creek R.S. x	11	38S	8W	8,560
12M5	U	Harris Flat x	24	38S	7W	7,700
12M6	U	Long Valley Junction	22	38S	6W	7,500
12M2M	U	Midway Valley x	26	37S	9W	9,800
12M3MP	U	Webster Flat	20	37S	9W	9,200

LEGEND

Numbering system (example)

10J7	SNOW COURSE ONLY
10J7P	SNOW COURSE AND PRECIPITATION GAGE
10J7M	SNOW COURSE AND SOIL MOISTURE STATION
10J7A	SNOW COURSE AND AERIAL MARKER
10J7MA	SNOW COURSE, SOIL MOISTURE STATION AND AERIAL MARKER
10J7MP	SNOW COURSE, SOIL MOISTURE STATION AND PRECIPITATION GAGE
10J7m	SOIL MOISTURE STATION ONLY
10J7a	AERIAL MARKER ONLY
10J7p	STORAGE PRECIPITATION GAGE ONLY
x	ADJACENT DRAINAGE

DRAINAGE BASIN and SNOW COURSE			CURRENT INFORMATION			PAST RECORD	
						WATER CONTENT (Inches)	
NAME	NO.	ELEVATION	DATE OF SURVEY	SNOW DEPTH (Inches)	WATER CONTENT (Inches)	LAST YEAR	AVERAGE [a]

EAST GARFIELD, KANE, WASHINGTON & IRON COUNTIES

ESCALANTE RIVER							
Widtsoe-Escalante Smt.	11M1	9500	12/30	5	0.9	7.0	2.6
Widtsoe-Escalante #2	11M2	9500	12/30	11	1.8	6.0	3.7
Widtsoe-Escalante #3	11M3	9500	12/30	13	2.0	7.8	4.5b
PARIA RIVER							
Bryce Canyon x	12M8	8000	12/29	6	1.5	5.3	1.4b
VIRGIN RIVER & COAL CREEK							
CSU Ranch	12M17	8200	12/31	14	2.9	4.3	- -
Duck Creek R.S. x	12M4	8560	12/30	17	3.2	9.2	3.9b
Harris Flat x	12M5	7700	12/30	12	2.0	6.4	2.0b
Long Valley Jct.	12M6	7500	12/30	12	2.6	6.0	0.6b
Midway Valley x	12M2	9800	12/30	21	4.7	10.5	7.5b
Urie Flat	12M10	8450	12/30	12	2.9	4.7	1.8b
Webster Flat	12M3	9200	12/30	20	4.9	8.8	4.7b
PAROWAN CREEK							
Birch Crossing	12M16	8100	12/30	15	3.5	5.0	- -
Brian Head	12M14	10400	12/30	31	7.3	10.1	- -
Tall Poles	12M15	8800	12/30	23	5.5	8.1	- -

FOOTNOTES - See last page

PRECIPITATION DATA (Inches)

DRAINAGE BASIN AND RAIN GAGE LOCATION	ELEVATION	CURRENT INFORMATION			FROM APPROX. OCT. 1 TO DATE		
		DATE OF READING	MONTH'S PRECIPITATION	1953-67 AVERAGE	THIS YEAR	1953-67 AVERAGE	PERCENT OF AVERAGE
ESCALANTE RIVER							
Widtsoe-Escalante #3	9500	12/30	1.65	1.51b	2.95	6.14b	48
VIRGIN RIVER							
Duck Creek R. S.	8560	12/30	3.65	2.53*	5.00	7.65*	65
Webster Flat	9200	12/30	3.37*	3.65b	4.20	7.64b	55
COAL CREEK							
Webster Flat x	9200	12/30	3.37*	3.65b	4.20	7.64b	55
PAROWAN CREEK							
Tall Poles	8800	12/30	4.15*	- -	5.68	- -	--

FOOTNOTES - See last page

FOOTNOTES

(1) Data supplied by U. S. Forest Service
(2) Data supplied by U. S. Weather Bureau
(3) Data supplied by U. S. Geological Survey

(a) 1953-67 15-year average period
(b) Average of all past record - less than 15 years
(c) Taken at Compromise point

(A) Aerial observation - water content estimated
(x) Adjacent drainage
* Partly estimated

WATER SUPPLY OUTLOOK FOR UTAH

and

FEDERAL - STATE - PRIVATE COOPERATIVE SNOW SURVEYS

UNITED STATES DEPARTMENT of AGRICULTURE···SOIL CONSERVATION SERVICE,

and

UTAH STATE DEPARTMENT OF NATURAL RESOURCES -- DIVISION OF WATER RIGHTS

In cooperation with U.S. Forest Service, Bureau of Reclamation, Utah Fish and Game Dept., Utah State University, U.S. National Park Service, U.S. Geological Survey: and other Federal, State, and private organizations.

AS OF

FEB. 1, 1969

WATER SUPPLY OUTLOOK FOR UTAH

and

FEDERAL - STATE - PRIVATE COOPERATIVE SNOW SURVEYS

Issued by

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FEDERAL BLDG., ROOM 4012
SALT LAKE CITY UTAH 84111

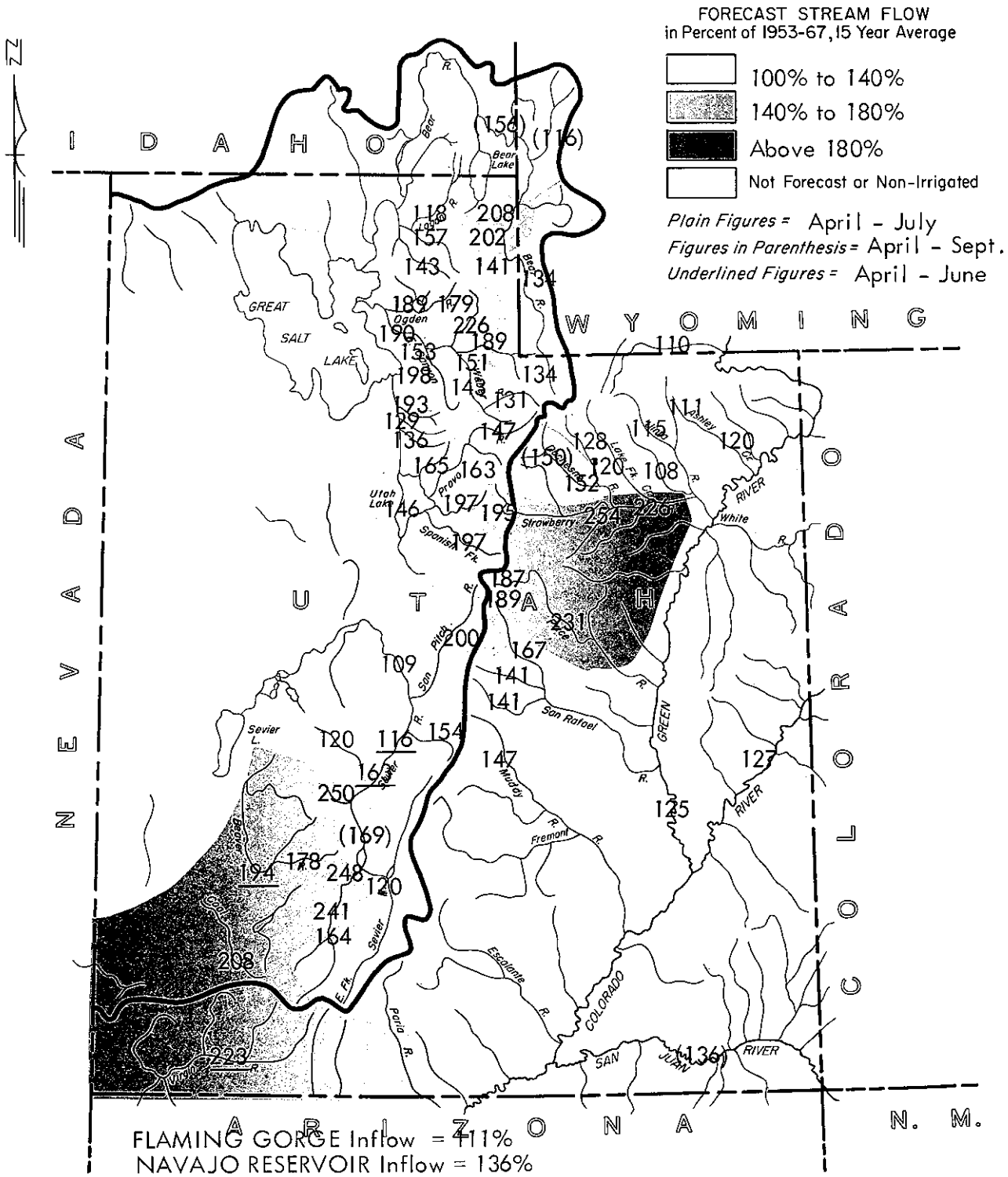
USDA-SCS-PORTLAND, OREG. 1967 M-L-10423

PROSPECTIVE WATER SUPPLIES

Based on Snow Surveys Made on UTAH and BEAR RIVER WATERSHEDS

February 5, 1969
Approximate Date

50 0 50 100
SCALE IN MILES



FLAMING GORGE Inflow = 111%
NAVAJO RESERVOIR Inflow = 136%
LAKE POWELL Inflow = 127%

U. S. DEPARTMENT OF AGRICULTURE SOIL CONSERVATION SERVICE

7-0-16150-L

USDA-SCS-PORTLAND, OREG. 1969 M-2853

WATER SUPPLY OUTLOOK

WATER SUPPLY OUTLOOK

February 8, 1969

```
* * * * * * * * * * * * * * * * * * * * * * * * * * * * *
* Utah's 1969 water supply outlook now varies from     *
* slightly above to much above average over the entire*
* state. Late January storms increased the snow        *
* pack to 112 - 234% of the February 1 average.        *
* Reservoir storage is well above average and stream-  *
* flow forecasts range from 111 - 254% of average for  *
* the April-July irrigation season.                     *
* * * * * * * * * * * * * * * * * * * * * * * * * * * * *
```

SNOW COVER

Heavy storms during the last half of January more than tripled the water content of the snow pack on the head waters of the Sevier, Virgin and Uintah Basin Watersheds. Water content of the snow pack on these streams is now 234%, 230%, and 150% respectively. Most other areas of the state range from 112% on the Logan to 197% of the February 1 average above Strawberry Reservoir. The upper Weber is 163% and the Ogden 147% of average. The Price and San Rafael Rivers are 191% and 168% of the 1953-67 average snow water content for February 1.

Higher elevation precipitation stations show 108 -188% of average for the October 1 - February 1 period. A heavy January helped to boost these figures considerably. Catches at these stations during January ranged from 116 - 520% of average. Soils are now well primed over most of the state.

RESERVOIR STORAGE

Storage in 14 of Utah's principal reservoirs excluding the Colorado River Project is now 141% of average for February 1. Bear Lake had 1,063,200 acre feet or 124% of average. Pineview had 51,040 acre feet or 196% of its usual February 1 average.

The three main Sevier river reservoirs - Piute, Otter and Sevier Bridge held 203,000 acre feet (177%). Echo and Rockport on the Weber held 54,830(173%) and 51,420 acre feet (204%) respectively as of the end of January. Moon Lake storage was 23,340 acre feet(164%) and Scofield 45,220 acre feet (222%). Both should fill by about June 1.

STREAMFLOW

Streamflow has been above average except in the northern part of the state. Key gaging stations averaged 134% during January. Forecasts of streamflow for the coming irrigation season now range from 109% for

the Sevier at Gunnison to 254% for the Strawberry at Duchesne for the April-July period.

Forecasts on the Bear river range from 116% on Smith's Fork in Wyoming to 208% on the Bear near Randolph.

Lost Creek near Croydon is forecast to flow 28,000 acre feet (226%) and the Weber at Oakley 141,000 acre feet (131%). The Inflow to Pineview reservoir is expected to be 178,000 acre feet (189%) of the April-July average.

Spanish Fork and Strawberry reservoir inflow are expected to produce almost double their average April-July flows and Utah Lake inflow is forecast to be 284,000 acre feet during April-July.

The upper Sevier and Virgin rivers are forecast to flow 164 and 223% of average. The Kingston to Vermillion Dam reach of the Sevier is forecast to flow 49,000 acre feet (163%) during the April-June period and daily flows above 400 cfs will accumulate 4,000 - 5,000 acre feet. Flows above 360 cfs from Vermillion Dam to Gunnison are expected to add 1500 - 2500 acre feet.

Scofield Reservoir Inflow is forecast to be 60,000 acre feet(187%) and the Price at Heiner is expected to flow 125,000 acre feet (231%) during the April-July period.

Forecasts on streams in the Uintah Basin vary from 108% on the Yellowstone to 128% on Rock Creek. Lakefork is expected to flow 75,000 acre feet (120%) of average.

Colorado River forecasts vary from 111% at Flaming Gorge to 127% for Lake Powell inflow.

RESERVOIR STORAGE (1,000 Ac. Ft.)

BASIN or STREAM	RESERVOIR	USABLE CAPACITY	MEASURED (FIRST OF MONTH) THIS YEAR	LAST YEAR	AVERAGE[a]
	GREAT BASIN				
Bear River	Bear Lake	1421.0	1063.2	1062.5	854.0
	Woodruff Narrows	26.5	26.5	24.1	- -
Beaver River	Minersville(Rocky Ford)	23.3	23.3	14.2	8.9
Little Bear	Hyrum	15.3	10.8	10.5	10.2
	Porcupine	11.3	3.5	4.5	- -
Ogden	Causey	7.1	3.0	3.4	- -
	Pineview	110.1	51.0	53.2	26.1
Provo	Deer Creek	149.7	101.7	104.5	88.3
Sevier River	Gunnison	18.2	16.9	9.9	- -
	Otter Creek	52.5	43.5	26.0	19.0
	Piute	71.8	54.8	49.3	29.6
	Sevier Bridge	236.0	105.0	65.3	66.2
Spanish Fork	Strawberry	244.6	150.6	124.5	117.6
Utah Lake	Utah Lake	883.9c	802.2	681.3	518.9
Weber	East Canyon	48.1	31.2	36.3	- -
	Echo	73.9	54.8	24.4	31.7
	Lost Creek	20.0	10.7	9.6	- -
	Rockport	60.9	51.4	46.9	25.2b
	Willard Bay	193.3	119.1	103.4	- -
	COLORADO RIVER DRAINAGE				
Ashley Creek	Steinaker	33.3	23.3	26.2	15.6b
Colorado	Blue Mesa	829.5	442.4	384.0	- -
	Lake Powell	25002.0	7150.0	8137.0	5161.7b
Green	Flaming Gorge	3749.0	1785.0	2164.9	1299.0b
Lake Fork	Moon Lake	35.8	23.3	21.4	14.2
Price River	Scofield	65.8	45.2	45.7	20.4
San Rafael	Joe's Valley	54.6	27.2	17.0	- -
San Juan	Navajo	1696.4	794.2	592.3	284.0b

FOOTNOTES - See last page

UTAH STREAMFLOW FORECASTS[a] (1,000 Ac. Ft.)

FORECAST POINT	FORECAST THIS YEAR	THIS YEAR AS PERCENT OF AVERAGE	FORECAST PERIOD	LAST YEAR	AVERAGE [a]
DUCHESNE RIVER					
Duchesne nr Hanna	78	150	Apr-Sept	39	52 b
Duchesne nr Tabiona(13)	141	152	Apr-July	- -	93
Lakefork below Moon Lake(14)	75	120	Apr-July	- -	63
Rock Crk nr Mtn. Home	113	128	Apr-July	- -	88
Strawberry at Duchesne	125	254	Apr-July	- -	49
Uinta nr Neola	91	115	Apr-July	- -	79
Whiterocks nr Whiterocks	71	111	Apr-July	- -	51
Yellowstone nr Altonah	64	108	Apr-July	- -	59
Duchesne at Myton	332	226	Apr-July	- -	147
PRICE RIVER					
Gooseberry Crk nr Scofield	18.9	189	Apr-July	- -	10.0
Price nr Heiner(15)	125	231	Apr-July	- -	54
Scofield Reservoir Inflow(15)	60	187	Apr-July	- -	32
SAN RAFAEL RIVER					
Cottonwood Crk nr Orangeville	62	141	Apr-July	- -	44
Ferron Crk nr Ferron	48	141	Apr-July	39	34
Huntington Crk nr Huntington	70	167	Apr-July	63	42
MUDDY RIVER					
Muddy Creek nr Emery	25	147	Apr-July	- -	17.0b
VIRGIN RIVER					
Virgin nr Virgin	86	223	Apr-June	51	38
UPPER COLORADO BASIN					
Colorado nr Cisco, Utah(15)	3560	127	Apr-July	--	2802
Flaming Gorge Inflow(3)	1170	111	Apr-July	1061	1054
Lake Powell Inflow(3)	8300	127	Apr-July	7247	6527
Green at Green River, Utah(15)	3225	125	Apr-July	- -	2574
San Juan nr Bluff, Utah(15)	1210	136	Apr-July	- -	890
Navajo Reservoir Inflow	840	136	Apr-July	591	619

FOOTNOTES - See last page

COMPARISON of SNOW COVER

RIVER BASIN or TRIBUTARY WATERSHED	NO. of COURSES AVERAGED	THIS YEARS SNOW WATER EXPRESSED AS PERCENT OF :	
		LAST YEAR	AVERAGE [a]
GREAT BASIN			
Smith's Fork-Bear River(Wyo)	4	192	133
Logan River	5	160	112
Blacksmith Fork	4	204	143
Ogden River	5	195	147
Weber River above Echo Dam	6	187	163
Chalk Creek - Coalville	2	148	141
East Canyon Creek	3	192	158
Farmington Creek	2	171	164
Salt Lake Area	4	182	155
Tooele Area	1	158	176
American Fork River	2	204	192
Provo River above Vivian Park	5	193	176
Strawberry Reservoir Valley	3	182	197
Spanish Fork River	4	140	150
Mt. Nebo Area	2	125	136
Sevier River above Panguitch	3	157	234
East Fork Sevier River	3	73	119
Salina Creek	2	121	127
Mt. Pleasant Area	2	210	202
Ephraim Creek	2	159	144
Beaver River	3	180	174
Coal Creek-Cedar City	3	159	217
COLORADO RIVER BASIN			
Duchesne-Strawberry Rivers	6	175	170
Lakefork River	2	162	151
Whiterocks-Uintah Rivers	3	165	150
Price River	5	191	191
San Rafael Tributaries	6	195	168
Escalante River	3	73	119
Virgin River	4	161	230

FOOTNOTES - See last page

PEAK FLOWS (Maximum Mean Daily) (Av. flow for 24 hrs. on day of greatest flow)

FORECAST POINT	PEAK FLOW (second feet)	
	FORECAST RANGE	15-YR. AVERAGE 1953-67
Beaver River near Beaver	325 - 450	215
Clear Creek near Sevier	215 - 260	156b
Salina Creek near Salina	180 - 250	133*
Sevier at Hatch	510 - 635	369

LOW FLOW FORECASTS

FORECAST POINT	DATE STREAMFLOW RECEDES TO LOW FLOW VALUE*	LOW FLOW VALUE	AVERAGE DATE OF LOW FLOW VALUE
Clear Creek nr Sevier(above Div.)	Aug. 5	15 cfs	July 28
Salina Creek at Salina	June 10	25 cfs	June 10
Sevier at Circleville(Circle Valley)	July 2	90 cfs	June 24
Sevier at Hatch(upper Panguitch Valley)	July 29	100 cfs	July 10

PRIMARY WATER RIGHTS (Percent of)

RIVER SECTION	FORECAST THIS YEAR	AVERAGE DELIVERED DURING 15 YEARS 1953-67	FORECAST PERIOD
Sevier River			
Below Vermillion Dam	66	58	Apr-Sept
Circle Valley	84	66	Apr-Sept
Panguitch Valley	100	84	Apr-Sept
Sevier Valley	60	40	Apr-Sept

OTHER SPECIAL FORECASTS

Kingston to Vermillion - Flow above 400 second feet - about 4000 - 5000 a.f.

Below Vermillion - Flow above 360 second feet - 1500 - 2500 acre feet

Inflow to Sevier Bridge reservoir from October 1 to March 1 is expected to be about 10,000 acre feet short of meeting the 89,280 acre foot storage right.

**Following this date, streamflow is expected to fall below "Low Flow Value" shown.*

BEAR RIVER BASIN

LEGEND

- Watershed Boundary
- Soil Conservation District Bdry.
- County Boundary
- Forecast Point
- Snow Course
- S.C.S. Storage Gage
- W.B. Storage Gage
- Aerial Snow Depth Gage
- Radio Telemetry
- Radio Base Station

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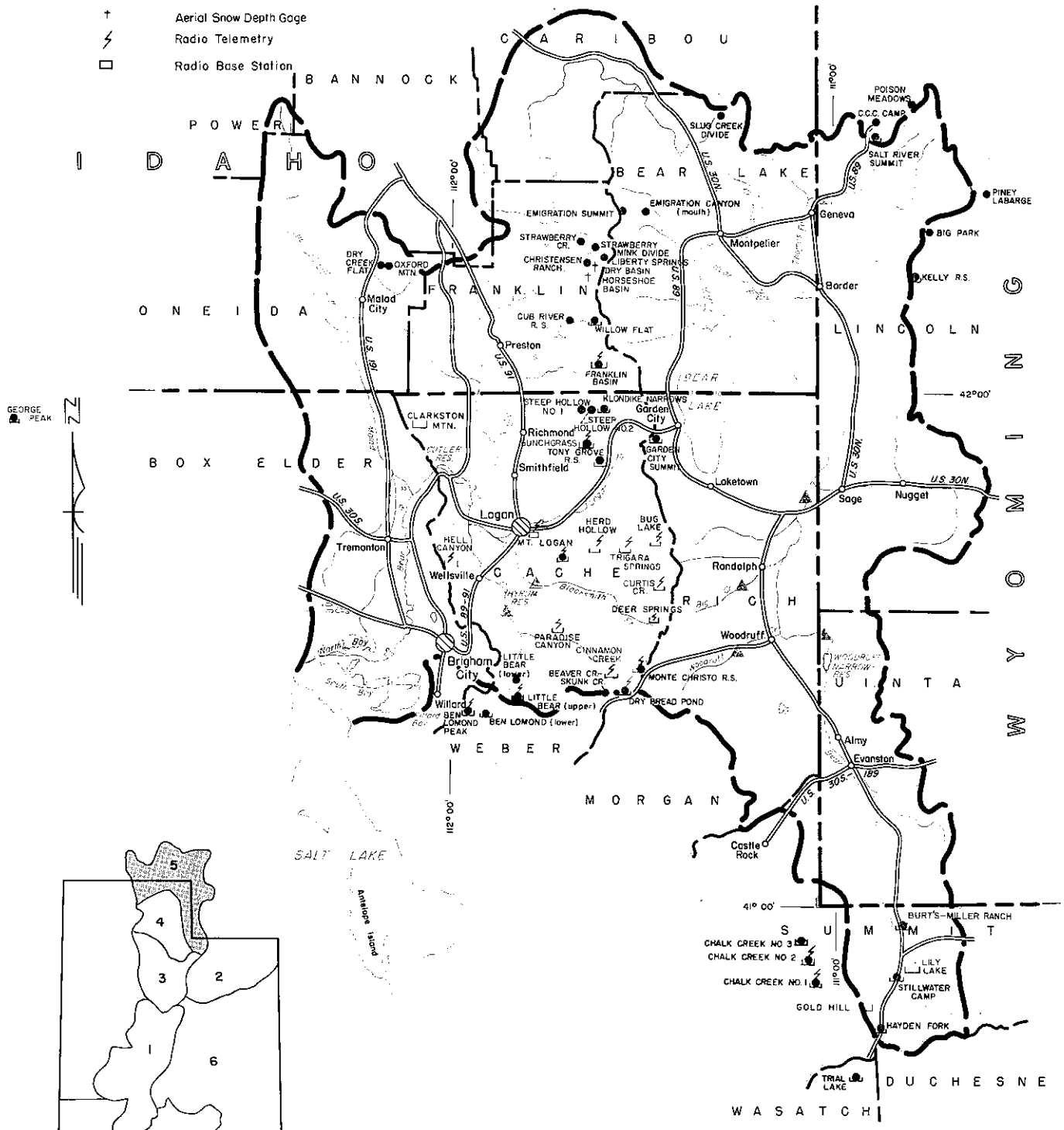
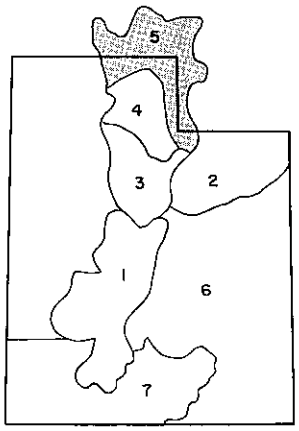
SCALE IN MILES





WATERSHED LOCATION

USDA-SCS-PORTLAND, OREG. 1968 M7-O-16253-5

INDEX

NO.	STATE	NAME	SEC.	TWP.	RGE.	ELEV.
		UPPER BEAR RIVER (above Harer, Idaho)				
10G11	W	Big Park	7	27N	117W	8,700
10J6	U	Burts-Miller Ranch	19	3N	10E	7,900
10G7	W	CCC Camp x	9	29N	118W	7,500
10J36p	U	Gold Hill	11	1N	9E	10,000
10J7	U	Hayden Fork	1	1S	9E	9,300
10G12	W	Kelly Ranger Station	13	26N	118W	8,200
10J35p	U	Lily Lake	34	2N	10E	9,300
11H12P	U	Monte Cristo R.S.	4	8N	4E	8,960
10G10	W	Piney LaBarge x	19	29N	114W	8,820
10G6	W	Poison Meadows x	29	30N	116W	8,500
10G8P	W	Salt River Summit x	32	29N	118W	7,900
10J17P	U	Stillwater Camp	32	2N	10E	8,550
		LOWER BEAR RIVER (below Harer, Idaho)				
11H14M	U	Beaver Creek-Skunk Creek	22	8N	3E	7,150
11H37p	U	Bug Lake	18	11N	5E	7,950
11H36p	U	Bunchgrass	5	13N	3E	8,400
11G11	I	Christensen Ranch	27	13S	41E	5,600
11H38p	U	Cinnamon Creek	5	8N	3E	7,300
12H1p	U	Clarkston Mtn.	29	14N	2W	6,300
11G12	I	Cub River Ranger Station	5	15S	41E	5,400
11H39p	U	Deer Springs	34	10N	4E	8,400
11G14a	I	Dry Basin	30	13S	42E	7,900
11H13MP	U	Dry Bread Pond	19	8N	4E	8,230
12G4	I	Dry Creek Flat	31	13S	37E	6,350
11G6	I	Emigrant Summit	21	12S	42E	7,350
11G7	I	Emigration Canyon (mouth)	24	12S	42E	6,500
11G8M	I	Franklin Basin	1	16S	41E	8,000
11H7MP	U	Garden City Summit	35	14N	4E	7,600
12H2p	U	Hell Canyon	24	11N	2W	6,400
11H40p	U	Herd Hollow	4	11N	3E	7,000
11G15a	I	Horseshoe Basin	31	13S	42E	8,000
11H1MP	U	Klondike Narrows	10	14N	3E	7,400
11G13	I	Liberty Springs	7	13S	42E	8,420
11H26	U	Little Bear (lower)	15	8N	1E	5,800
11H25P	U	Little Bear (upper)	22	8N	1E	6,550
11H12P	U	Monte Cristo R.S.	3	8N	4E	8,960
11H6	U	Mt. Logan	3	11N	2E	9,000
12G3	I	Oxford Mountain	32	13S	37E	6,800
11H46p	U	Paradise Canyon	36	10N	2E	7,650
11G5	I	Slug Creek Divide	15	10S	44E	7,225
11H4	U	Spring Hollow (lower)	26	12N	2E	7,000
11H5	U	Spring Hollow (upper)	35	12N	2E	8,000
11H27	U	Steep Hollow #1	7	14N	3E	8,500
11H28	U	Steep Hollow #2	9	14N	3E	7,700
11G9	I	Strawberry Creek	9	13S	41E	5,800
11G10	I	Strawberry Mink Divide	14	13S	41E	6,800
11H3M	U	Tony Grove Ranger Station	11	13N	3E	6,250
11H41p	U	Trigara Springs	29	12N	4E	7,600
11G4P	I	Willow Flat	2	15S	41E	6,100

LEGEND

Numbering system (example)

10J7	SNOW COURSE ONLY
10J7P	SNOW COURSE AND PRECIPITATION GAGE
10J7M	SNOW COURSE AND SOIL MOISTURE STATION
10J7A	SNOW COURSE AND AERIAL MARKER
10J7MA	SNOW COURSE, SOIL MOISTURE STATION AND AERIAL MARKER
10J7MP	SNOW COURSE, SOIL MOISTURE STATION AND PRECIPITATION GAGE
10J7m	SOIL MOISTURE STATION ONLY
10J7a	AERIAL MARKER ONLY
10J7p	STORAGE PRECIPITATION GAGE ONLY
x	ADJACENT DRAINAGE

DRAINAGE BASIN and SNOW COURSE			CURRENT INFORMATION			PAST RECORD	
NAME	NO.	ELEVATION	DATE OF SURVEY	SNOW DEPTH (Inches)	WATER CONTENT (Inches)	WATER CONTENT (Inches) LAST YEAR	WATER CONTENT (Inches) AVERAGE a

BEAR RIVER BASIN

UPPER BEAR RIVER
(Above Harer, Idaho)

Big Park	10G11	8700	1/28	60	16.4	8.5	12.4*
CCC Camp	10G7	7500	1/30	39	9.6	5.3	7.5
Chalk Creek #2 x	11J2	8000	1/29	50	11.7	7.3	8.4b
Chalk Creek #3 x	11J3	7500	1/29	29	6.6	4.9	4.6b
Monte Cristo R.S.	11H12	8960	1/30	68	18.1	10.7	16.0b
Piney-LaBarge #2	10G10	8820	1/29	63	16.7	10.6	- -
Salt River Summit x	10G8	7900	1/30	53	13.6	7.1	9.7
Smith & Morehouse x	11J4	7600	1/30	49	11.4	7.6	7.4b
Trial Lake x	10J8	9800	1/31	88	23.5	12.9	14.8b

LOWER BEAR RIVER
(Below Harer, Idaho)

Beaver Crk-Skunk Crk.x	11H14	7150	1/30	47	12.8	5.7	7.2
Christensen Ranch	11G11	5600	1/28	21	5.2	7.1	- -
Cub River R. S.	11G12	5400	1/29	22	4.7	7.6	- -
Dry Bread Pond x	11H13	8230	1/30	67	16.8	7.3	10.3
Dry Creek Flat	12G4	6350	1/31	23	5.5	4.1	- -
Emigrant Summit	11G6	7700	1/27	71	20.4	13.8	14.2b
Garden City Summit	11H7	7600	1/28	50	12.8	6.7	10.8
Klondike Narrows	11H1	7400	1/28	57	15.0	9.2	12.3b
Liberty Springs	11G15	8420		No Report			
Monte Cristo R. S.	11H12	8960	1/30	68	18.1	10.7	16.0b
Oxford Mountain	12G3	6800	1/31	34	8.6	5.4	- -
Steep Hollow #1	11H27	8500	1/28	87	24.8	16.0	22.6b
Steep Hollow #2	11H28	7700	1/28	70	17.9	11.2	17.0b
Strawberry Creek	11G9	5800	1/28	26	6.9	8.4	- -
Strawberry Mink Divide	11G10	6800	1/28	51	15.4	11.8	- -
Tony Grove R.S.	11H3	6250	1/28	31	7.6	5.7	7.1
Willow Flat	11G4	6100	1/29	41	10.2	9.0	

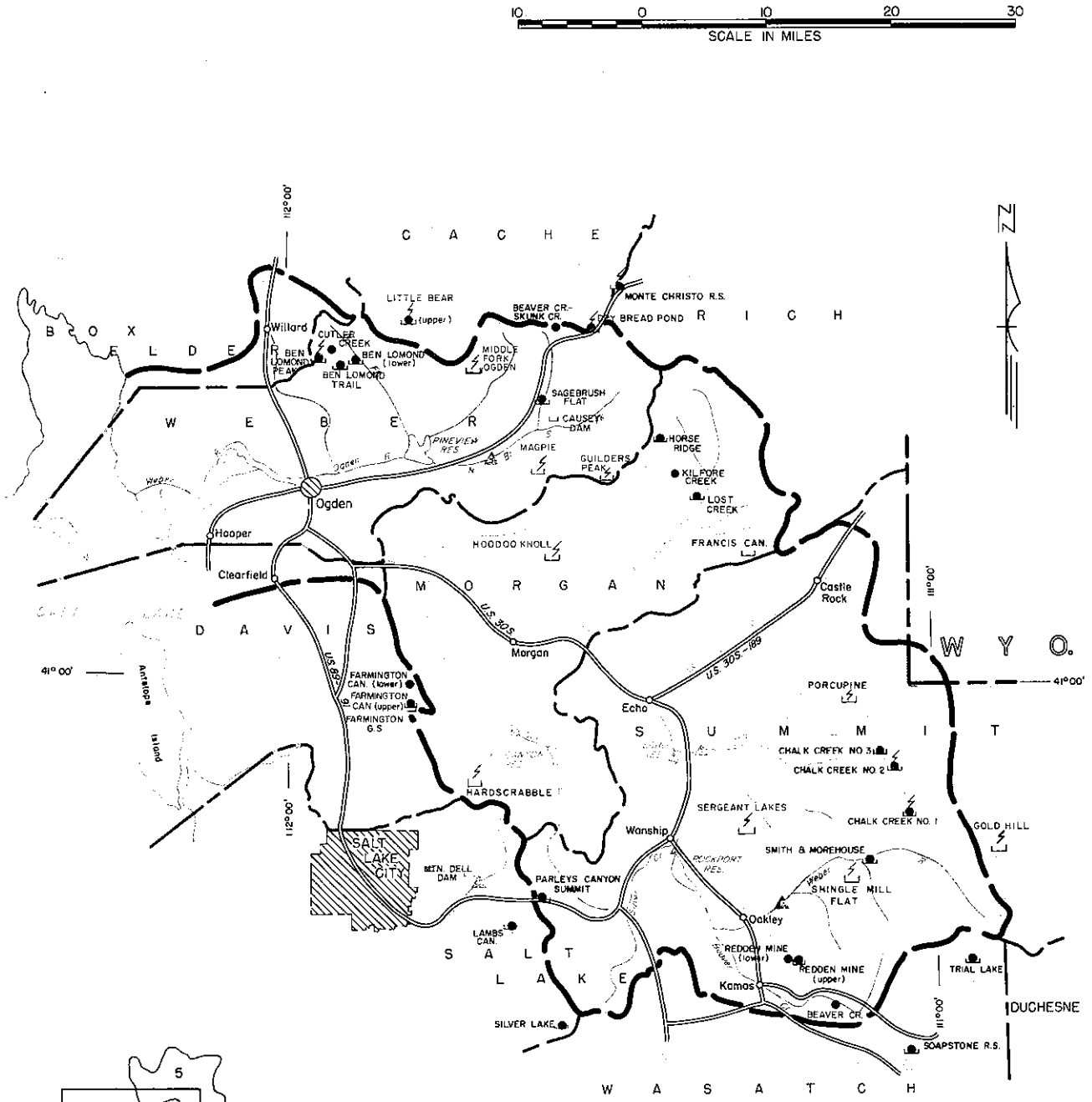
FOOTNOTES - See last page

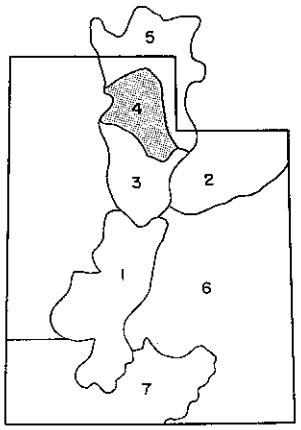
PRECIPITATION DATA (inches)

DRAINAGE BASIN AND RAIN GAGE LOCATION	ELEVATION	CURRENT INFORMATION			FROM APPROX. OCT. 1 TO DATE		
		DATE OF READING	MONTH'S PRECIPITATION	1953-67 AVERAGE	THIS YEAR	1953-67 AVERAGE	PERCENT OF AVERAGE
BEAR RIVER							
Chalk Creek #2 x	8000	No Report		3.02b	- -	8.80*	- -
Chalk Creek #3 x	7500	1/29	- -	1.82b	10.15	8.37b	121
Dry Bread Pond	8230	No Report		4.47*	- -	11.75*	- -
Garden City Summit	7600	1/28	5.57	3.22b	14.04	11.52*	122
Klondike Narrows	7400	No Report		5.24*	- -	14.15*	- -
Monte Cristo #2	8960	1/30	- -	4.94b	20.58	14.74b	140
Sagebrush Flat x	6300	1/30	- -	2.48b	11.59	8.28b	140
Salt River Summit	7900	1/30	5.40	3.51b	13.20	9.47*	139
Tony Grove R.S.(SCS)	6250	No Report		2.40b	- -	13.70b	- -
Trial Lake x	9800	1/31	10.60	4.47b	21.76	12.89*	169
Willow Flat	6100	1/29	- -	4.72	18.57	12.80	145

FOOTNOTES - See last page

WEBER - OGDEN WATERSHEDS





WATERSHED LOCATION

LEGEND

- Watershed Boundary
- Soil Conservation District Bdry.
- County Boundary
- Forecast Point
- Snow Course
- S.C.S. Storage Gage
- W.B. Storage Gage
- Radio Telemetry

UT-4c

USDA-SCS-PORTLAND, OREG. 1965 M7-C-16253-4

INDEX

NO.	STATE	NAME	SEC.	TWP.	RGE.	ELEV.
		OGDEN RIVER				
11H14M	U	Beaver Creek-Skunk Creek	22	8N	3E	7,150
11H8	U	Ben Lomond Peak	3	7N	1E	8,000
11H9P	U	Ben Lomond (lower)	1	7N	1W	5,850
11H30P	U	Ben Lomond Trail	2	7N	1W	6,000
11H35p	U	Causey Dam	34	7N	3E	5,500
11H31	U	Cutler Creek	3	7N	1W	6,780
11H13MP	U	Dry Bread Pond	19	8N	4E	8,230
11H34p	U	Guilder's Peak	21	6N	4E	8,050
11H42p	U	Magpie	29	6N	3E	7,700
11H45p	U	Middle Fork Ogden	16	7N	2E	8,420
11H12P	U	Monte Cristo R.S.	3	8N	4E	8,960
11H10	U	Mt. Ogden	5	5N	1E	8,600
11H15P	U	Sagebrush Flat	21	7N	3E	6,300
11H11P	U	Snow Basin	32	6N	1E	6,420
		WEBER RIVER				
11J24	U	Beaver Creek R.S.	28	2S	7E	7,500
11J1	U	Chalk Creek #1	4	1N	8E	9,100
11J2MP	U	Chalk Creek #2	17 & 20	2N	8E	8,000
11J3M	U	Chalk Creek #3	7	2N	8E	7,500
11J12P	U	Farmington Canyon (lower) x	14	3N	1E	6,950
11J11	U	Farmington Canyon (upper) x	26	3N	1E	8,000
11H44p	U	Francis Canyon	29	5N	6E	7,400
11J37p	U	Hardscrabble	16	2N	2E	6,500
11H43p	U	Hoodoo Knoll	22	5N	3E	8,350
11H21P	U	Horse Ridge	1	6N	4E	8,260
11H31	U	Kilfore Creek	20	6N	5E	7,300
11J14	U	Lamb's Canyon x	19	1S	3E	6,600
11H32P	U	Lost Creek	27	6N	5E	6,125
11J15P	U	Parley's Canyon Summit	9 & 10	1S	3E	7,600
11J38p	U	Porcupine	22	3N	7E	8,100
11J6	U	Reddon Mine (lower)	1	2S	6E	8,500
11J5	U	Reddon Mine (upper)	1	2S	6E	9,000
11J39p	U	Sergeant Lakes	17	1N	5E	8,400
11J40p	U	Shingle Mill Flat	15	1S	7E	9,900
11J16P	U	Silver Lake (Brighton) x	35	2S	3E	8,725
11J4P	U	Smith & Morehouse	25	1N	7E	7,600
10J8P	U	Trial Lake x	5	2S	9E	9,800

LEGEND

Numbering system (example)

10J7	SNOW COURSE ONLY
10J7P	SNOW COURSE AND PRECIPITATION GAGE
10J7M	SNOW COURSE AND SOIL MOISTURE STATION
10J7A	SNOW COURSE AND AERIAL MARKER
10J7MA	SNOW COURSE, SOIL MOISTURE STATION AND AERIAL MARKER
10J7MP	SNOW COURSE, SOIL MOISTURE STATION AND PRECIPITATION GAGE
10J7m	SOIL MOISTURE STATION ONLY
10J7a	AERIAL MARKER ONLY
10J7p	STORAGE PRECIPITATION GAGE ONLY
x	ADJACENT DRAINAGE

DRAINAGE BASIN and SNOW COURSE			CURRENT INFORMATION			PAST RECORD	
						WATER CONTENT (Inches)	
NAME	NO.	ELEVATION	DATE OF SURVEY	SNOW DEPTH (Inches)	WATER CONTENT (Inches)	LAST YEAR	AVERAGE a

WEBER-OGDEN WATERSHEDS

OGDEN RIVER

Beaver Crk.-Skunk Crk.	11H14	7150	1/30	47	12.8	5.7	7.2
Ben Lomond(lower)	11H9	5850	1/31	41	11.7	8.8	8.7b
Ben Lomond Peak	11H8	8000	1/31	99	29.6	13.6	20.1b
Ben Lomond Trail	11H30	6000	1/31	50	14.2	7.8	9.1b
Cutler Creek	11H29	6780	1/31	82	26.6	12.2	15.6b
Dry Bread Pond	11H13	8230	1/30	67	16.8	7.3	10.3
Monte Cristo R.S.	11H12	8960	1/30	68	18.1	10.7	16.0b
Sagebrush Flat	11H15	6300	1/30	18	4.2	2.5	3.6

WEBER RIVER

Beaver Creek R.S.	11J24	7500	1/31	38	9.8	4.6	5.2b
Chalk Creek #2	11J2	8000	1/29	50	11.7	7.3	8.4b
Chalk Creek #3	11J3	7500	1/29	29	6.6	4.9	4.6b
Farmington Canyon(1)x	11J12	6950	2/3	57	17.5	12.2	12.0b
Farmington Canyon(u)x	11J11	8000	2/3	92	25.4	13.1	15.0b
Lamb's Canyon x	11J14	6600	1/31	50	15.4	6.0	8.6
Parley's Canyon Smt.	11J15	7500	1/31	58	17.2	11.0	10.5
Silver Lake(Brighton) x	11J16	8725	1/30	72	19.4	11.9	14.7
Smith & Morehouse	11J4	7600	1/30	49	11.4	7.6	7.4b
Soapstone R.S. x	11J25	7800	1/31	49	11.4	6.8	7.7b
Trial Lake x	10J5	9800	1/31	88	23.5	12.9	14.8b

FOOTNOTES - See last page

PRECIPITATION DATA (Inches)

DRAINAGE BASIN AND RAIN GAGE LOCATION	ELEVATION	CURRENT INFORMATION			FROM APPROX. OCT. 1 TO DATE		
		DATE OF READING	MONTH'S PRECIPITATION	1953-67 AVERAGE	THIS YEAR	1953-67 AVERAGE	PERCENT OF AVERAGE
OGDEN RIVER							
Ben Lomond(lower)	5850	1/31	14.00	4.39b	28.28	15.46*	183
Ben Lomond Trail	6000	1/31	15.40	4.41b	29.99	17.07*	176
Causey Dam	5500	1/30	- -	1.92b	11.46	- -	- -
Dry Bread Pond	8230	No Report		4.47*	- -	11.75*	---
Monte Cristo #2 x	8960	1/30	- -	4.94b	20.58	14.74b	140
Sagebrush Flat	6300	1/30	- -	2.48b	11.59	8.28b	140
WEBER RIVER							
Chalk Creek #2	8000	No Report		3.02b	- -	8.80*	- -
Chalk Creek #3	7500	1/29	- -	1.82b	10.15	8.37b	121
Farmington Guard Sta.	7500	2/3	8.75	4.69	26.29	17.04	154
Farmington Rice	7000	2/3	10.33	4.38	25.94	15.35	169
Parley's Canyon Smt.	7500	1/31	5.42	3.94*	20.78	11.64*	178
Silver Lake(Brighton)x	8725	1/31	12.39	5.09	25.97	16.56	157
Smith & Morehouse	7600	1/30	6.06	3.19b	14.65	9.79	150
Trial Lake x	9800	1/31	10.60	4.47b	21.76	12.89*	169

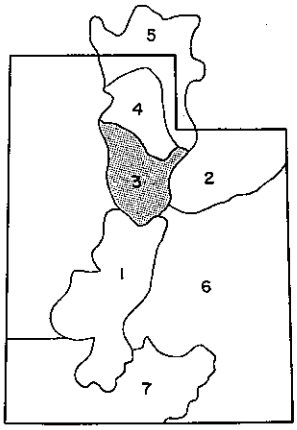
FOOTNOTES - See last page

UTAH LAKE, JORDAN RIVER AND TOOELE VALLEY WATERSHEDS

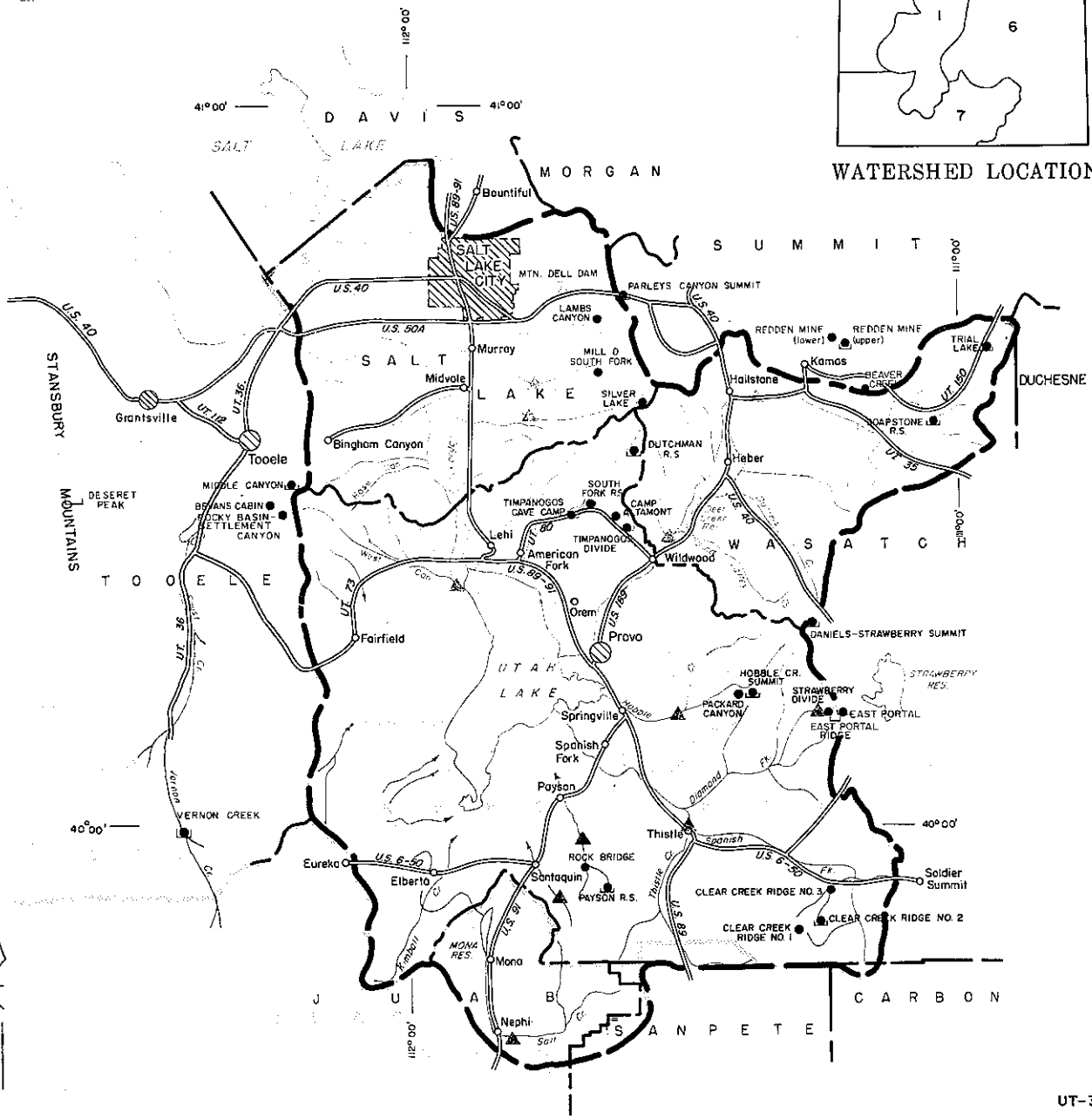
10 0 10 20 30
SCALE IN MILES

LEGEND

- Watershed Boundary
- Soil Conservation District Bdry.
- County Boundary
- Forecast Point
- Snow Course
- S.C.S. Storage Gage
- W.B. Storage Gage



WATERSHED LOCATION



USDA-SCS-PORTLAND, OREG. 1965 M7-O-16253-3

UT-3c

INDEX

NO.	STATE	NAME	SEC.	TWP.	RGE.	ELEV.
		PROVO RIVER & UTAH LAKE				
11J20	U	Camp Altamont	29	4S	3E	7,300
11K21	U	Clear Creek Ridge #1	18	11S	6E	9,200
11K22P	U	Clear Creek Ridge #2	9	11S	6E	8,000
11K23	U	Clear Creek Ridge #3	27	10S	6E	6,600
11J23MP	U	Daniels-Strawberry Summit	20	2S	12W	8,000
11J17P	U	Dutchman R.S.	27	3S	3E	7,560
11J7P	U	East Portal	36	7S	6E	7,560
11J22P	U	Hobble Creek Summit	20	7S	5E	7,420
11J31	U	Packard Canyon	21	7S	5E	6,400
11K1P	U	Payson R.S.	30	10S	3E	8,050
11K2	U	Rock Bridge	14	10S	2E	6,750
11J25P	U	Soapstone R.S.	9	3S	8E	7,800
11J19	U	South Fork R.S.	24	4S	2E	6,100
11J8	U	Strawberry Divide	34 & 35	7S	6E	8,000
11J18	U	Timpanogos Cave Camp	27	4S	2E	5,500
11J21P	U	Timpanogos Divide	33	4S	3E	8,140
10J8P	U	Trial Lake	5	2S	9E	9,800
		JORDAN RIVER & GREAT SALT LAKE				
12J2	U	Bevan's Cabin	24	4S	4W	6,450
12J5p	U	Deseret Peak	15	4S	7W	9,250
11J12P	U	Farmington Canyon (lower)	14	3N	1E	6,950
11J11	U	Farmington Canyon (upper)	26	3N	1E	8,000
11J14	U	Lamb's Canyon	19	1S	3E	6,600
12J3P	U	Middle Canyon	8	4S	3W	7,000
11J10	U	Mill D South Fork	18	2S	3E	7,400
11J15P	U	Parley's Canyon Summit x	9 & 10	1S	3E	7,600
12J1	U	Rocky Basin-Settlement Canyon	30	4S	3W	8,900
11J16P	U	Silver Lake (Brighton)	35	2S	3E	8,725
12K2P	U	Vernon Creek	21	10S	5W	7,500

LEGEND

Numbering system (example)

10J7	SNOW COURSE ONLY
10J7P	SNOW COURSE AND PRECIPITATION GAGE
10J7M	SNOW COURSE AND SOIL MOISTURE STATION
10J7A	SNOW COURSE AND AERIAL MARKER
10J7MA	SNOW COURSE, SOIL MOISTURE STATION AND AERIAL MARKER
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10J7m	SOIL MOISTURE STATION ONLY
10J7a	AERIAL MARKER ONLY
10J7p	STORAGE PRECIPITATION GAGE ONLY
x	ADJACENT DRAINAGE

DRAINAGE BASIN and SNOW COURSE			CURRENT INFORMATION			PAST RECORD	
						WATER CONTENT (Inches)	
NAME	NO.	ELEVATION	DATE OF SURVEY	SNOW DEPTH (Inches)	WATER CONTENT (Inches)	LAST YEAR	AVERAGE [a]

UTAH LAKE & JORDAN RIVER

UTAH LAKE

Beaver Creek R.S. x	11J24	7500	1/31	38	9.8	4.6	5.2b
Camp Altamont	11J20	7300	1/30	61	19.3	9.8	9.7
Clear Creek Ridge #2	11K22	8000	1/28	63	13.3	7.6	7.9b
Clear Creek Ridge #3	11K23	6600	1/28	37	7.6	5.6	4.7b
Daniels-Strawberry Smt.	11J23	8000	1/30	68	17.6	9.4	8.9
East Portal	11J7	7560	1/30	50	13.0	7.2	6.1
Payson R.S.	11K1	8050	1/29	59	15.4	10.2	9.7b
Rock Bridge	11K2	6750	1/29	31	7.7	7.8	6.8b
Soapstone R.S.	11J25	7800	1/31	49	11.4	6.8	7.7b
South Fork R.S.	11J19	6100	1/29	15	3.6	5.4	4.7
Strawberry Divide	11J8	8000	1/30	68	19.0	10.8	10.6
Timpanogos Cave Camp	11J18	5500	1/29	8	1.2	3.3	1.8
Timpanogos Divide	11J21	8140	1/30	99	28.6	13.5	15.4
Trial Lake	10J3	9800	1/31	88	23.5	12.9	14.8b

JORDAN RIVER

Lamb's Canyon	11J14	6600	1/31	50	15.4	6.0	8.6
Middle Canyon x	12J3	7000	1/31	42	12.0	7.6	6.8b
Mill D South Fork	11J10	7400	1/30	55	16.3	10.8	11.3
Parley's Canyon Summit	11J15	7500	1/31	58	17.2	11.0	10.5
Silver Lake	11J16	8725	1/30	72	19.4	11.9	14.7

FOOTNOTES - See last page

PRECIPITATION DATA (Inches)

DRAINAGE BASIN AND RAIN GAGE LOCATION	ELEVATION	CURRENT INFORMATION			FROM APPROX. OCT. 1 TO DATE		
		DATE OF READING	MONTH'S PRECIPITATION	1953-67 AVERAGE	THIS YEAR	1953-67 AVERAGE	PERCENT OF AVERAGE
UTAH LAKE							
Clear Creek Ridge #2	8000	1/28	- -	2.62b	14.35	8.97*	160
Daniels-Strawberry Smt.	8000	1/30	9.65	2.90b	18.95	10.95b	173
East Portal Ridge	7800	1/30	7.55	3.37	17.29	10.41*	166
Payson R.S.	8050	1/29	6.75	3.84b	15.55	10.01b	155
Soapstone R.S.	7800	1/31	5.10	2.71b	13.18	9.42*	140
Timpanogos Divide	8200	1/30	18.90	3.94	33.60	15.95	211
Trial Lake	9800	1/31	10.60	4.47b	21.76	12.89*	169
JORDAN RIVER & TOOELE VALLEY							
Middle Canyon	7000	1/31	7.27	3.32b	17.06	9.55*	179
Mt. Dell Dam	5500	1/31	3.41	2.02	10.37	7.50	138
Parley's Canyon Smt.	7500	1/31	5.42	3.94*	20.78	11.64*	178
Silver Lake(Brighton)	8725	1/31	12.39	5.09	25.97	16.56	157

FOOTNOTES - See last page

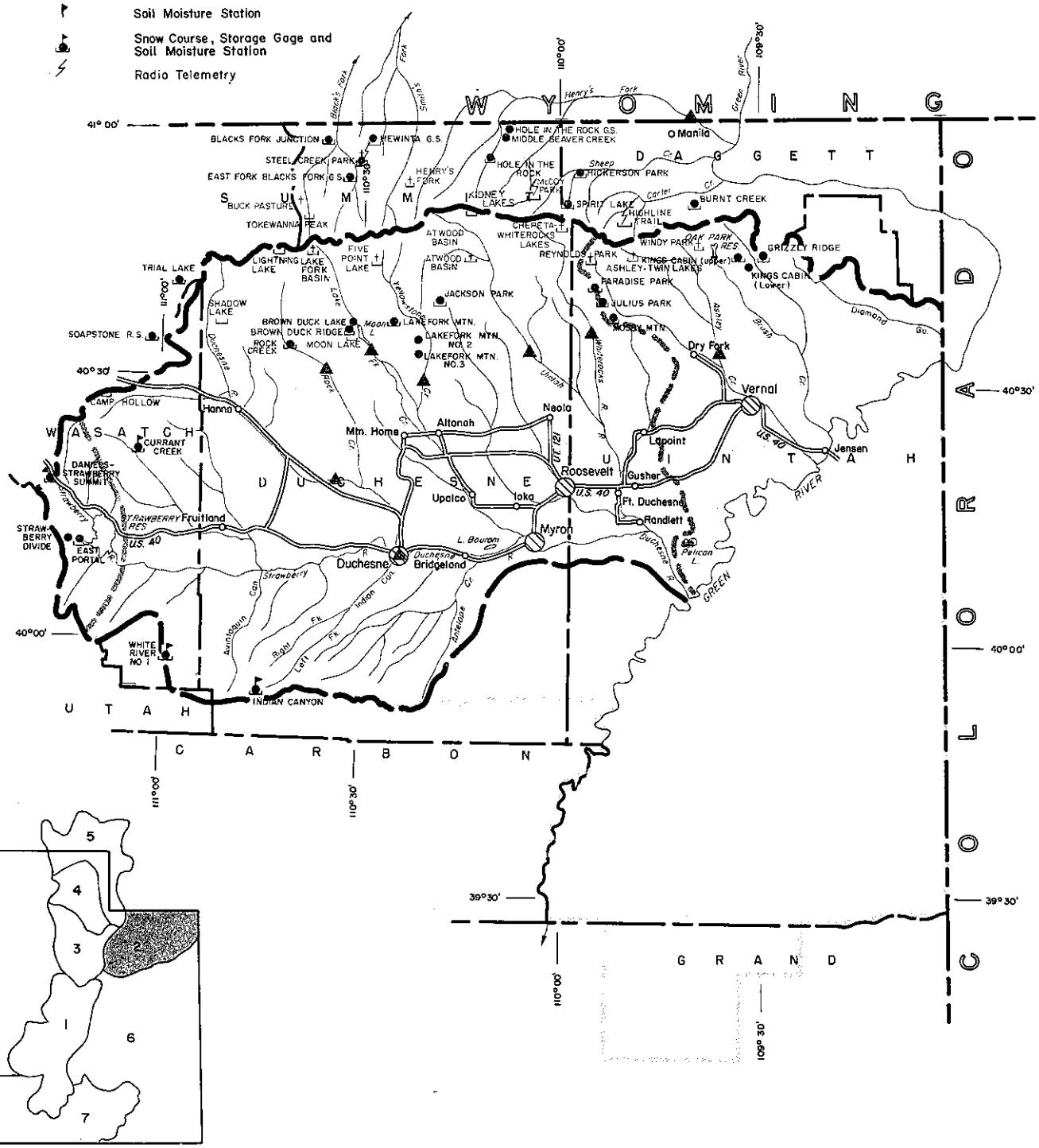
UINTAH BASIN & DAGGETT S. C. D's.

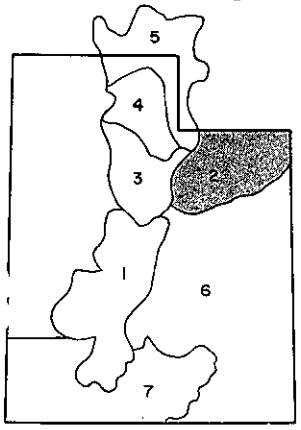
LEGEND

- Watershed Boundary
- Sub-watershed Boundary
- Soil Conservation District Bdry.
- County Boundary
- Forecast Point
- Snow Course
- S. C. S. Storage Gage
- W. B. Storage Gage
- Aerial Snow Depth Gage
- Snow Course and Aerial Snow Depth Gage
- Soil Moisture Station
- Snow Course, Storage Gage and Soil Moisture Station
- Radio Telemetry

N

SCALE IN MILES: 5 0 5 10 15 20





WATERSHED LOCATION

USDA-SCS-PORTLAND, OREG. 1968 M7-O-16253-2

INDEX

NO.	STATE	NAME	SEC.	TWP.	RGE.	ELEV.
		UPPER GREEN RIVER IN UTAH (above Duchesne River)				
9J11a	U	Ashley Twin Lakes	20	1S	19E	10,500
10J21P	U	Black's Fork G.S.-East Fork	25	2N	12E	9,300
10J22P	U	Black's Fork Junction	33	3N	12E	8,925
10J23a	U	Buck Pasture	14	1N	11E	9,700
10J4P	U	Hewinta G.S.	33	3N	13E	9,500
9J8	U	Hickerson Park	24	2N	17E	9,100
9J15p	U	Highline Trail	23	1N	19E	10,250
10J1	U	Hole-in-the-Rock	13	2N	15E	9,150
10J3	U	Hole-in-the-Rock G.S.	32	3N	16E	8,300
9J2	U	King's Cabin (lower)	23 & 26	1S	21E	8,600
9J1P	U	King's Cabin (upper)	22	1S	21E	8,730
10J37p	U	McCoy Park	6	1N	17E	10,680
10J2	U	Middle Beaver Creek	31	3N	16E	8,550
9J7P	U	Spirit Lake	10	1N	17E	10,300
10J20A	U	Steel Creek Park	17	2N	13E	9,900
9J12a	U	Windy Park	1	1S	20E	9,400
		DUCHESNE RIVER				
10J27a	U	Atwood Basin	21	1S	15E	10,250
10J9	U	Brown Duck Lake	2	2N	6W	10,300
9J9a	U	Chepeta-Whiterocks Lakes	3	1S	17E	10,300
11J32MP	U	Currant Creek	31	1S	10W	7,800
11J23MP	U	Daniels-Strawberry Summit x	20	2S	12W	8,000
11J7P	U	East Portal x	36	7S	6E	7,560
10J26a	U	Five Point Lake	28	4N	5W	11,000
10K1P	U	Indian Canyon	2	11S	10E	9,100
10J19	U	Jackson Park	23	3N	4W	11,300
9J6P	U	Julius Park	20	3N	1E	9,800
10J25a	U	Lakefork Basin	13	4N	7W	11,100
10J10P	U	Lakefork Mountain	2 & 3	2N	5W	10,200
10J11	U	Lakefork Mountain #2	17	2N	4W	8,900
10J12	U	Lakefork Mountain #3	29	2N	4W	8,100
9J5	U	Mosby Mountain	27	2S	18E	9,500
9J3P	U	Paradise Park	7	3N	1E	10,100
10J18P	U	Rock Creek	21	2N	7W	7,900
10J25P	U	Soapstone R.S. x	9	3S	8E	7,800
11J8	U	Strawberry Divide x	34 & 35	7S	6E	8,000
10J8P	U	Trial Lake x	5	2S	9E	9,800
10K2MP	U	White River #1 x	11	10S	8E	8,550

LEGEND

Numbering system (example)

10J7	SNOW COURSE ONLY
10J7P	SNOW COURSE AND PRECIPITATION GAGE
10J7M	SNOW COURSE AND SOIL MOISTURE STATION
10J7A	SNOW COURSE AND AERIAL MARKER
10J7MA	SNOW COURSE, SOIL MOISTURE STATION AND AERIAL MARKER
10J7MP	SNOW COURSE, SOIL MOISTURE STATION AND PRECIPITATION GAGE
10J7m	SOIL MOISTURE STATION ONLY
10J7a	AERIAL MARKER ONLY
10J7p	STORAGE PRECIPITATION GAGE ONLY
x	ADJACENT DRAINAGE

DRAINAGE BASIN and SNOW COURSE			CURRENT INFORMATION			PAST RECORD	
NAME	NO.	ELEVATION	DATE OF SURVEY	SNOW DEPTH (Inches)	WATER CONTENT (Inches)	WATER CONTENT (Inches) LAST YEAR	WATER CONTENT (Inches) AVERAGE [a]

UINTAH BASIN & DAGGETT SCD's

UINTAH BASIN SCD

Daniels-Strawberry Smt.x	11J23	8000	1/30	68	17.6	9.4	8.9
East Portal x	11J7	7560	1/30	50	13.0	7.2	6.1
Indian Canyon	10K1	9100	1/29	58	11.0	7.1	7.3
Julius Park	9J6	9800	1/30	54	11.8	7.5	7.4b
Lakefork Mountain	10J10	10500	1/31	44	10.2	5.6	6.8
Lakefork Mountain #2	10J11	8900	1/31	38	7.6	5.3	5.0
Lakefork Mountain #3	10J12	8100	1/31	36	7.4	4.3	4.2
Mosby Mountain	9J5	9500	1/30	48	9.5	6.2	6.4b
Paradise Park	9J3	10100	1/30	52	11.2	6.1	7.8b
Soapstone R.S. x	11J25	7800	1/31	49	11.4	6.8	7.7b
Strawberry Divide x	11J8	8000	1/30	68	19.0	10.8	10.6
Trial Lake x	10J8	9800	1/31	88	23.5	12.9	14.8b

UINTAH BASIN - Aerial Markers

Ashley Twin Lakes A	9J11	10500				- -	- -
Atwood Basin A	10J27	10250				- -	- -
Buck Pasture A	10J23	9700				- -	- -
Chepeta-Whiterocks LakesA	9J9	10300				- -	- -
Five Point Lake A	10J26	11000				- -	- -
Henry's Fork A	10J24	10200				- -	- -
Lakefork Basin A	10J25	11100				- -	- -
Reynolds Park A	9J10	10400				- -	- -
Windy Park A	9J12	9400				- -	- -
Steel Creek Park A	10J20	9900				- -	- -

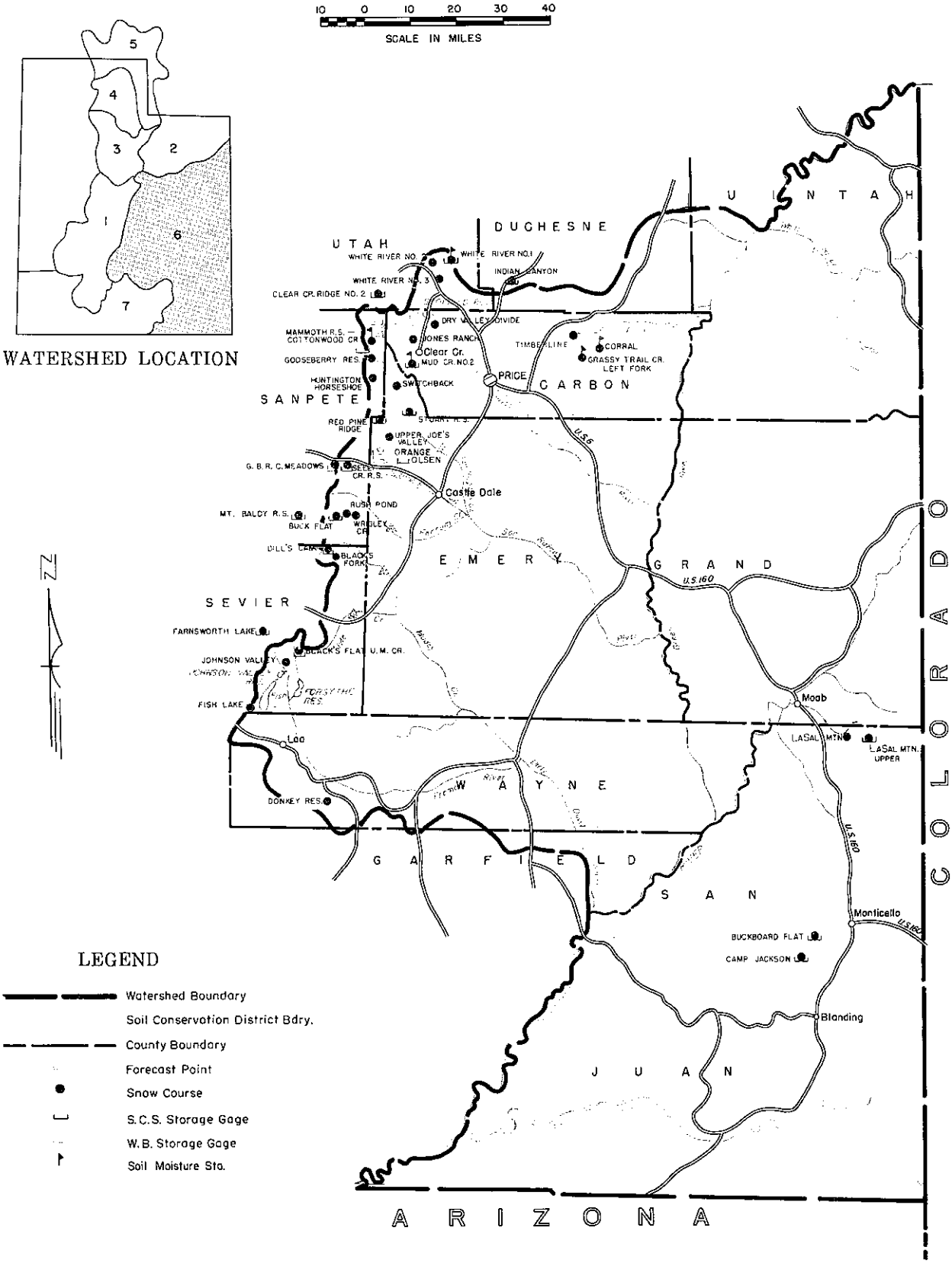
FOOTNOTES - See last page

PRECIPITATION DATA (Inches)

DRAINAGE BASIN AND RAIN GAGE LOCATION	ELEVATION	CURRENT INFORMATION			FROM APPROX. OCT. 1 TO DATE		
		DATE OF READING	MONTH'S PRECIPITATION	1953-67 AVERAGE	THIS YEAR	1953-67 AVERAGE	PERCENT OF AVERAGE
DAGGETT SCD							
Burnt Creek	7900	1/31	1.42	- -	4.39	- -	- -
UINTAH BASIN SCD							
Daniels-Strawberry Smt.x	8000	1/30	9.65	2.90b	18.95	10.95b	173
East Portal Ridge x	7800	1/30	7.55	3.37	17.29	10.41*	166
Grizzly Ridge	8500	1/31	5.80	- -	10.05	- -	- -
Indian Canyon	9100	1/29	7.95	1.53b	11.42	9.21b	124
Julius Park	9800	1/30	6.79	1.76*	11.04	7.62*	145
Lakefork Mountain	10500	1/31	- -	2.24b	10.13	6.94b	146
Moon Lake	8150	1/31	4.40	1.16	6.90	7.49	92
Mosby Mountain	9500	1/30	6.69	- -	10.49	- -	- -
Paradise Park	10100	1/30	7.66	1.92*	11.90	8.38*	142
Soapstone R.S. x	7800	1/31	5.10	2.71b	13.18	9.42*	140
Trial Lake x	9800	1/31	10.60	4.47b	21.76	12.89*	183

FOOTNOTES - See last page

CARBON, EMERY, WAYNE, GRAND AND SAN JUAN COUNTIES



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NO.	STATE	NAME	SEC.	TWP.	RGE.	ELEV.
		PRICE RIVER				
10K5M	U	Corral	32	13S	14E	8,200
11K8	U	Dry Valley Divide	20	12S	8E	7,800
11K4P	U	Gooseberry Reservoir	25	13S	5E	8,700
10K3M	U	Grassy Trail Creek-Left Fork	2	14S	13E	7,970
11K5	U	Huntington-Horseshoe	12	14S	5E	9,800
10K1P	U	Indian Canyon x	2	11S	10E	9,100
11K7	U	Jones Ranch	32	12S	7E	7,600
11K3MP	U	Mammoth R.S. - Cottonwood Creek x	13 & 23	13S	5E	8,800
11K33MP	U	Mud Creek	4	14S	7E	8,300
10K6	U	Timberline	28	13S	13E	9,100
10K2MP	U	White River #1	11	10S	8E	8,550
11K24	U	White River #2	9	10S	8E	7,600
11K25	U	White River #3	30	10S	8E	7,400
		SAN RAFAEL RIVER				
11K31P	U	Buck Flat	23	19S	4E	9,400
11K4P	U	Gooseberry Reservoir	25	13S	5E	8,700
11K5	U	Huntington-Horseshoe	12	14S	5E	9,800
11K28P	U	Red Pine Ridge	5	16S	6E	9,400
11K38	U	Rush Pond	24	19S	4E	9,800
11K9	U	Seeley Creek R.S.	25	17S	4E	10,000
11K27P	U	Stuart R.S.	8 & 9	15S	7E	7,950
11K26	U	Switchback	14	14S	6E	8,600
11K29	U	Upper Joe's Valley	21	16S	6E	8,800
11K32	U	Wrigley Creek	27	19S	5E	9,000
		MUDDY RIVER				
11K14	U	Black's Fork	34	20S	4E	9,200
11K15	U	Dill's Camp	27	20S	4E	9,200
		FREMONT RIVER				
11L4P	U	Black's Flat-U.M. Creek	33	24S	3E	9,250
11L5	U	Donkey Reservoir	9	30S	4E	9,800
11L3	U	Fish Lake	35	26S	1E	8,700
11L6	U	Johnson Valley	24	25S	2E	8,850
		SOUTHEASTERN UTAH DRAINAGES				
9M1P	U	Buckboard Flat	36	33S	22E	9,000
9M2P	U	Camp Jackson	22	34S	22E	8,600
9L1	U	LaSal Mountain	5	27S	24E	8,800
9L2P	U	LaSal Mountain (upper)	3	27S	24E	9,400

LEGEND

Numbering system (example)

10J7	SNOW COURSE ONLY
10J7P	SNOW COURSE AND PRECIPITATION GAGE
10J7M	SNOW COURSE AND SOIL MOISTURE STATION
10J7A	SNOW COURSE AND AERIAL MARKER
10J7MA	SNOW COURSE, SOIL MOISTURE STATION AND AERIAL MARKER
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10J7m	SOIL MOISTURE STATION ONLY
10J7a	AERIAL MARKER ONLY
10J7p	STORAGE PRECIPITATION GAGE ONLY
x	ADJACENT DRAINAGE

DRAINAGE BASIN and SNOW COURSE			CURRENT INFORMATION			PAST RECORD	
NAME	NO.	ELEVATION	DATE OF SURVEY	SNOW DEPTH (Inches)	WATER CONTENT (Inches)	WATER CONTENT (Inches) LAST YEAR	AVERAGE a

CARBON, EMERY, WAYNE, GRAND & SAN JUAN CO.

PRICE RIVER

Clear Creek Ridge #2 x	11K22	8000	1/28	63	13.3	7.6	7.9b
Dry Valley Divide	11K8	7800	1/31	46	11.4	7.0	6.0
Gooseberry Reservoir	11K4	8700	2/3	68	21.3	9.7	10.2
Indian Canyon	10K1	9100	1/29	58	11.0	7.1	7.3
Jones Ranch	11K7	7600	1/31	40	9.8	5.8	3.9
Mammoth R.S.-Ctnwd. Crk.	11K3	8800	1/29	79	21.3	10.7	11.0b
Mud Creek #2	11K33	8300	1/31	60	14.9	6.9	7.1*

SAN RAFAEL RIVER

Buck Flat	11K31	9400	1/28	54	13.2	6.6	8.9b
G.B.R.C. Meadows x	11K10	10000	1/31	62	17.9	11.3	13.2b
Gooseberry Reservoir x	11K4	8700	2/3	68	21.3	9.7	10.2
Red Pine Ridge	12K28	9400	1/29	66	16.0	8.8	9.6b
Rush Pond	11K38	9800	1/28	54	11.7	6.3	8.2b
Upper Joe's Valley	11K29	8800	1/29	49	10.2	4.9	5.4b
Wrigley Creek	11K32	9000	1/28	46	9.7	5.5	6.4b

FREMONT RIVER

Farnsworth Lake x	11L1	9900	1/30	44	11.5	9.8	9.4b

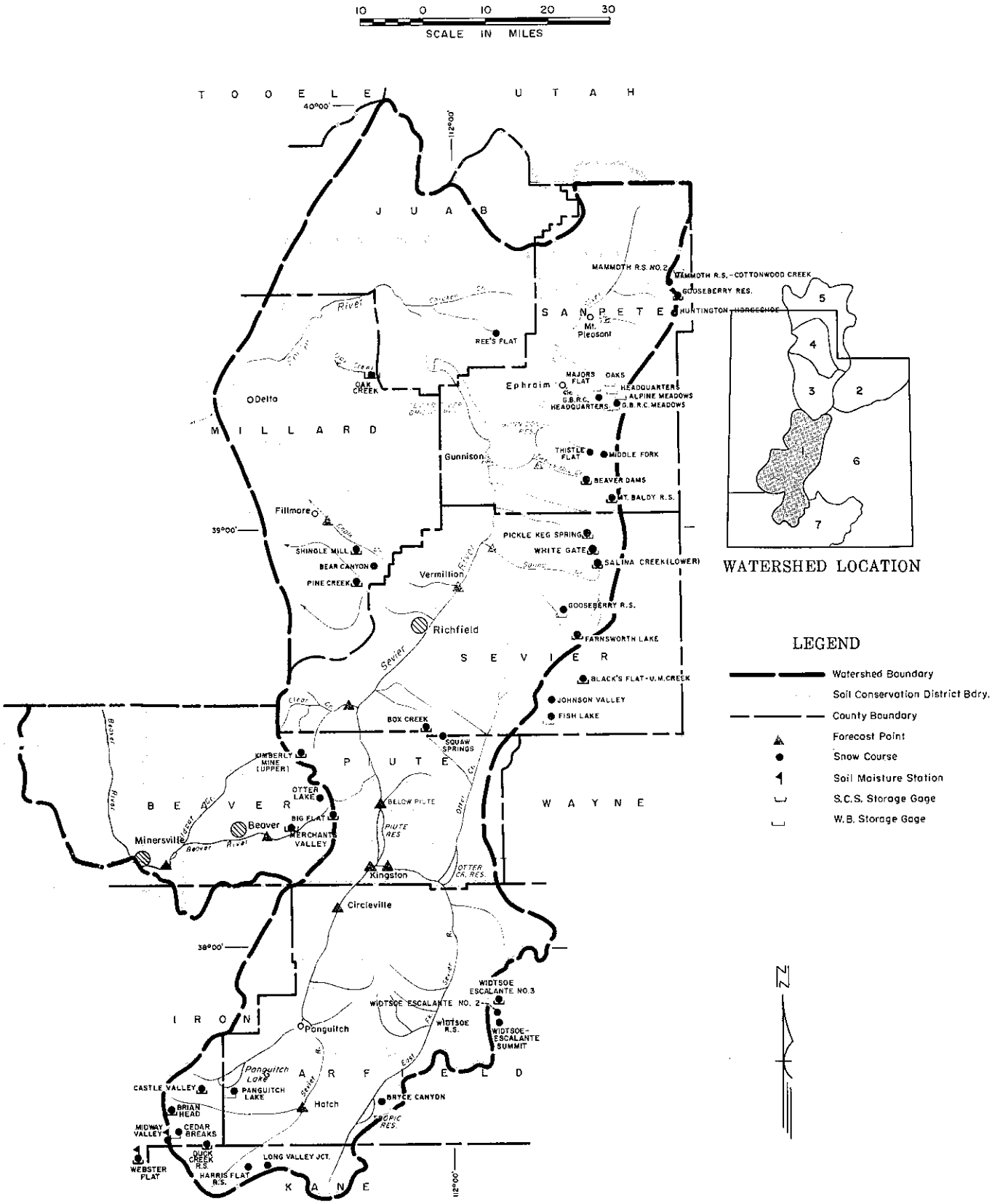
FOOTNOTES - See last page

PRECIPITATION DATA (Inches)

DRAINAGE BASIN AND RAIN GAGE LOCATION	ELEVATION	CURRENT INFORMATION			FROM APPROX. OCT. 1 TO DATE		
		DATE OF READING	MONTH'S PRECIPITATION	1953-67 AVERAGE	THIS YEAR	1953-67 AVERAGE	PERCENT OF AVERAGE
PRICE RIVER							
Clear Creek Ridge #2 x	8000	1/28	- -	2.62b	14.35	8.97*	160
Gooseberry Reservoir	8700	1/29	10.76	3.39b	18.40	10.44*	176
Indian Canyon	9100	1/29	7.95	1.53b	11.42	9.21b	124
Mammoth R.S. #2	8600	1/29	11.50	3.05b	19.83	11.35*	175
Mud Creek	8300	1/31	7.75	2.42*	14.80	8.89*	166
SAN RAFAEL RIVER							
Buck Flat	9400	1/28	- -	3.41b	14.50	9.05*	160
G.B.R.C. Meadows x	10000	1/31	7.20	4.37	16.17	12.04	134
Gooseberry Reservoir x	8700	1/29	10.76	3.39b	18.40	10.44*	176
Orange Olsen	7300		- -	- -	- -	- -	- -
Red Pine Ridge	9400	1/29	- -	4.65b	16.15	10.50*	154
FREMONT RIVER							
Farnsworth Lake x	9900	1/30	4.35	3.75b	12.62	9.77b	129

FOOTNOTES - See last page

SEVIER RIVER BASIN including BEAVER RIVER



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NO.	STATE	NAME	SEC.	TWP.	RGE.	ELEV.
		UPPER SEVIER RIVER (South of Richfield, Utah)				
12L7P	U	Big Flat x	18	29S	4W	10,290
12L4P	U	Box Creek	33	26S	2W	9,800
12M8	U	Bryce Canyon	36	36S	4W	8,000
12M13P	U	Castle Valley	22	36S	8W	9,700
12M1P	U	Cedar Breaks	2	37S	9W	10,390
12M4P	U	Duck Creek R.S.	11	38S	8W	8,560
11L3	U	Fish Lake x	35	26S	1E	8,700
12M5	U	Harris Flat	24	38S	7W	7,700
12L6P	U	Kimberly Mine	11	27S	5W	9,100
12M6	U	Long Valley Junction x	22	38S	6W	7,500
12M2M	U	Midway Valley	26	37S	9W	9,800
12M7P	U	Panguitch Lake	4 & 5	36S	7W	8,200
12L5	U	Squaw Springs	3	27S	2W	9,300
11M1	U	Widtsoe-Escalante Summit	22	34S	1W	9,500
11M2	U	Widtsoe-Escalante #2	22	34S	1W	9,500
11M3P	U	Widtsoe-Escalante #3	22	34S	1W	9,500
11M4P	U	Widtsoe R.S.	22	34S	2W	7,600
		LOWER SEVIER RIVER (Including San Pitch River)				
12L3	U	Bear Canyon	17	22S	3W	7,200
11K13P	U	Beaver Dams	27	19S	3E	8,000
11L1P	U	Farnsworth Lake	27 & 33	23S	2E	9,900
11K11P	U	G.B.R.C. Headquarters	21	17S	4E	8,700
11K10	U	G.B.R.C. Meadows	26 & 27	17S	4E	10,000
11L2	U	Gooseberry R.S.	32	23S	2E	8,400
11K4P	U	Gooseberry Reservoir x	25	13S	5E	8,700
11K5	U	Huntington-Horseshoe x	12	14S	5E	9,800
11K3MP	U	Mammoth R.S.-Cottonwood Creek	13	13S	5E	8,800
11K34	U	Middle Fork	16	18S	4E	9,600
11K12P	U	Mt. Baldy R.S.	19	19S	4E	9,500
11K2P	U	Oak Creek	9	17S	3W	7,760
12L1P	U	Pine Creek	24	22S	4W	8,700
11K36	U	Rees's Flat	24	15S	2E	7,300
12L11P	U	Shingle Mill	5	22S	3W	6,200
11K35	U	Thistle Flat	24	18S	4E	8,500
		BEAVER RIVER				
12L7P	U	Big Flat	18	29S	4W	10,290
12L9P	U	Merchant's Valley	8 & 9	29S	5W	8,200
12L8	U	Otter Lake	1	29S	5W	9,300

LEGEND

Numbering system (example)

10J7	SNOW COURSE ONLY
10J7P	SNOW COURSE AND PRECIPITATION GAGE
10J7M	SNOW COURSE AND SOIL MOISTURE STATION
10J7A	SNOW COURSE AND AERIAL MARKER
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10J7a	AERIAL MARKER ONLY
10J7p	STORAGE PRECIPITATION GAGE ONLY
x	ADJACENT DRAINAGE

SNOW

DRAINAGE BASIN and SNOW COURSE			CURRENT INFORMATION			PAST RECORD	
NAME	NO.	ELEVATION	DATE OF SURVEY	SNOW DEPTH (Inches)	WATER CONTENT (Inches)	WATER CONTENT (Inches) LAST YEAR	AVERAGE a

SEVIER RIVER BASIN INCLUDING BEAVER RIVER

UPPER SEVIER RIVER - South of Richfield, Utah

Big Flat x	12L7	10290	1/27	60	15.5	7.5	9.6b
Bryce Canyon	12M8	8000	1/30	23	3.8	7.2	2.6
Duck Creek R.S.	12M4	8560	1/30	75	18.9	11.3	7.6b
Harris Flat R.S.	12M5	7700	1/30	45	12.8	8.5	4.7b
Long Valley Jct. x	12M6	7500	1/30	31	9.4	6.2	2.2b
Midway Valley	12M2	9800	1/30	82	22.1	14.5	12.2b
Widtsoe-Escalante Smt.	11M1	9500	1/29	25	5.0	8.4	4.0
Widtsoe-Escalante #2	11M2	9500	1/29	35	6.0	7.2	5.2
Widtsoe-Escalante #3	11M3	9500	1/29	39	7.0	9.2	6.0b
Kimberly Mine	12L6	9100	1/30	48	12.2	8.6	8.7b

LOWER SEVIER RIVER - Including San Pitch River

Farnsworth Lake	11L1	9900	1/30	44	11.5	9.8	9.4b
G.B.R.C. Headquarters	11K11	8700	1/31	51	12.5	7.8	8.3b
G.B.R.C. Meadows	11K10	10000	1/31	62	17.9	11.3	13.2b
Gooseberry R. S.	11L2	8400	1/30	32	8.2	6.5	6.2b
Gooseberry Reservoir x	11K4	8700	2/3	68	21.3	9.7	10.2
Mammoth R.S.-Ctnwd.Crk.	11K3	8800	1/29	79	21.3	10.7	11.0b
Shingle Mill	12L11	6200	1/30	17	4.4	7.2	3.9b

BEAVER RIVER

Big Flat	12L7	10290	1/27	60	15.5	7.5	9.6b
Merchant Valley	12L9	8200	1/27	36	9.3	6.0	4.9
Otter Lake	12L8	9300	1/27	50	12.8	7.2	7.5b

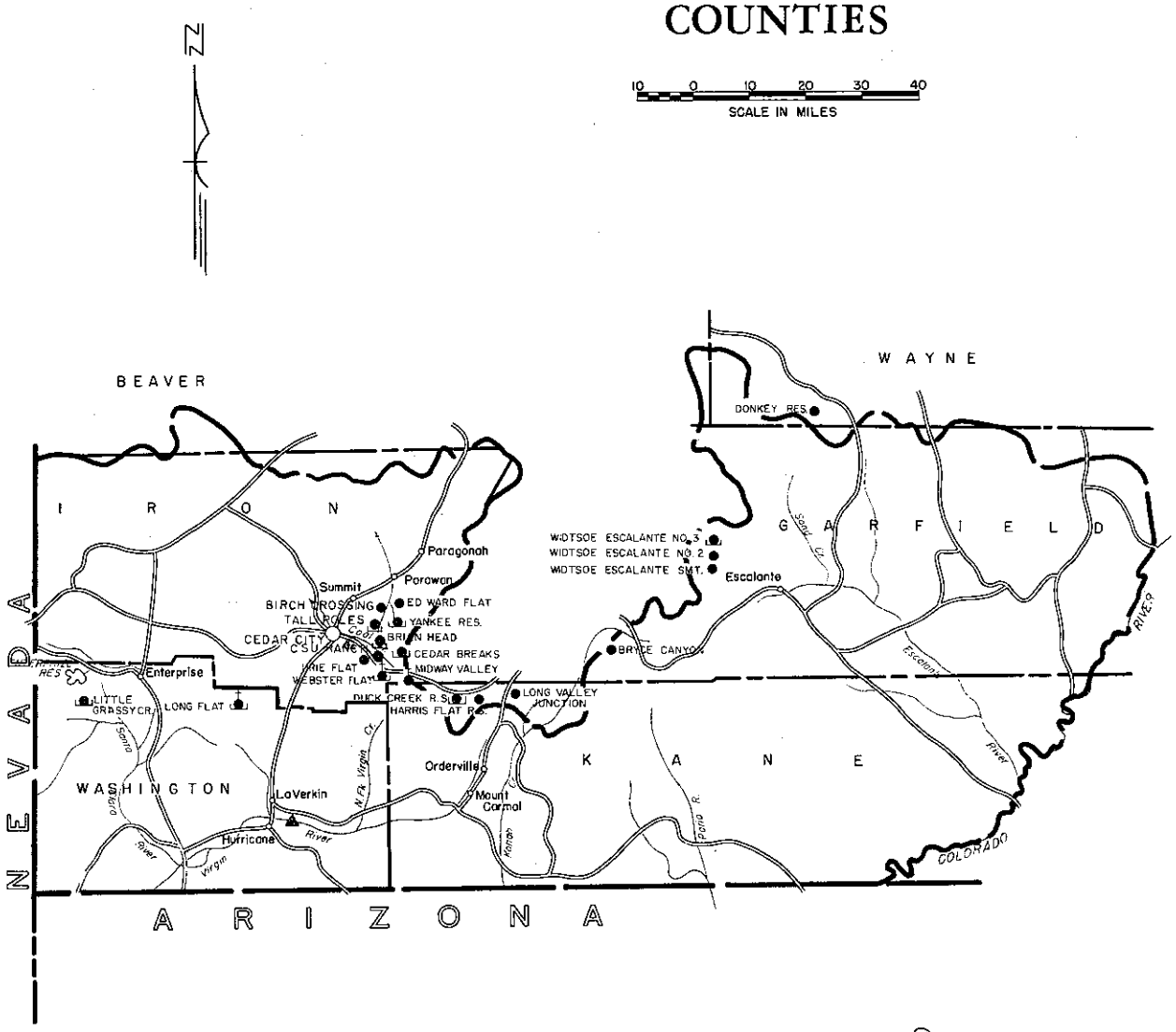
FOOTNOTES - See last page

PRECIPITATION DATA (Inches)

DRAINAGE BASIN AND RAIN GAGE LOCATION	ELEVATION	CURRENT INFORMATION			FROM APPROX. OCT. 1 TO DATE		
		DATE OF READING	MONTH'S PRECIPITATION	1953-67 AVERAGE	THIS YEAR	1953-67 AVERAGE	PERCENT OF AVERAGE
SEVIER RIVER							
Big Flat x	10290	1/27	- -	3.63b	15.50	8.23*	188
Duck Creek R.S.	8560	1/30	10.80	3.27b	15.80	10.18*	155
Farnsworth Lake	9900	1/30	4.35	3.75b	12.62	9.77b	129
G.B.R.C. Headquarters	8700	1/31	6.38	3.66	12.60	10.11	125
G.B.R.C. Meadows	10000	1/31	7.20	4.37	16.17	12.04	134
G.B.R.C. Oaks	7655	1/31	4.25	2.61	9.03	6.91	131
Gooseberry R. S.	7800	1/30	3.20	2.87b	8.83	2.55*	132
Gooseberry Reservoir x	8700	1/29	10.76	3.39b	18.40	10.44*	176
Kimberly Mine	9100	1/30	6.78	3.24*	15.45	9.84*	157
Mammoth R.S. #2 x	8600	1/29	11.50	3.05b	19.83	11.35*	175
Shingle Mill	6200	1/30	3.39	2.98*	9.66	7.60*	127
Webster Flat x	9200	1/30	12.80	3.53*	17.00	11.29*	151
Widtsoe-Escalante #3	9500	1/29	5.35	2.30b	8.30	7.65b	108
Widtsoe R. S.	7600	1/29	1.88	0.68	3.23	3.10	104
BEAVER RIVER							
Beaver Canyon P.H.	7275	1/31	- -	- -	13.20	- -	- -
Merchant Valley	8650	1/27	- -	- -	11.72	- -	- -

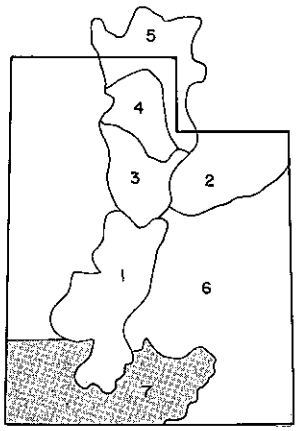
FOOTNOTES - See last page

EAST GARFIELD, KANE, WASHINGTON AND IRON COUNTIES



LEGEND

- Watershed Boundary
- Soil Conservation District Bdry.
- County Boundary
- ▲ Forecast Point
- ● Snow Course
- † Aerial Snow Depth Gage
- S.C.S. Storage Gage
- W.B. Storage Gage



WATERSHED LOCATION

USDA-SCS-PORTLAND, OREG. 1961 M-7-O-16253-7

INDEX

NO	STATE	NAME	SEC	TWP	RGE	ELEV
		PARIA RIVER				
12M8	U	Bryce Canyon x	36	36S	4W	8,000
		PAROWAN CREEK				
12M16	U	Birch Crossing	23	35S	9W	8,100
12M14	U	Brian Head	10	36S	9W	10,000
12M12	U	Ed Ward Flat	17	35S	8W	8,300
12M15	U	Tall Poles	26 & 35	35S	9W	8,800
12M11P	U	Yankee Reservoir	20	35S	8W	8,700
		COAL CREEK				
12M1P	U	Cedar Breaks x	2	37S	9W	10,390
12M17	U	CSU Ranch	18	37S	9W	8,200
12M2M	U	Midway Valley x	26	37S	9W	9,800
12M10	U	Urie Flat	11	37S	10W	8,450
12M3MP	U	Webster Flat x	20	37S	9W	9,200
		ENTERPRISE TO NEW HARMONY DRAINAGES				
13M4MP	U	Little Grassy Creek	15	38S	17W	6,100
13M2MP	U	Long Flat	2	38S	14W	8,000
		ESCALANTE RIVER				
11M1	U	Widtsoe-Escalante Summit	22	34S	1W	9,500
11M2	U	Widtsoe-Escalante #2	22	34S	1W	9,500
11M3P	U	Widtsoe-Escalante #3	22	34S	1W	9,500
		VIRGIN RIVER				
12M1P	U	Cedar Breaks x	2	37S	9W	10,390
12M4P	U	Duck Creek R.S. x	11	38S	8W	8,560
12M5	U	Harris Flat x	24	38S	7W	7,700
12M6	U	Long Valley Junction	22	38S	6W	7,500
12M2M	U	Midway Valley x	26	37S	9W	9,800
12M3MP	U	Webster Flat	20	37S	9W	9,200

LEGEND

Numbering system (example)

10J7	SNOW COURSE ONLY
10J7P	SNOW COURSE AND PRECIPITATION GAGE
10J7M	SNOW COURSE AND SOIL MOISTURE STATION
10J7A	SNOW COURSE AND AERIAL MARKER
10J7MA	SNOW COURSE, SOIL MOISTURE STATION AND AERIAL MARKER
10J7MP	SNOW COURSE, SOIL MOISTURE STATION AND PRECIPITATION GAGE
10J7m	SOIL MOISTURE STATION ONLY
10J7a	AERIAL MARKER ONLY
10J7p	STORAGE PRECIPITATION GAGE ONLY
x	ADJACENT DRAINAGE

DRAINAGE BASIN and SNOW COURSE			CURRENT INFORMATION			PAST RECORD	
NAME	NO.	ELEVATION	DATE OF SURVEY	SNOW DEPTH (Inches)	WATER CONTENT (Inches)	WATER CONTENT (Inches) LAST YEAR	WATER CONTENT (Inches) AVERAGE

EAST GARFIELD, KANE, WASHINGTON & IRON CO.

ESCALANTE RIVER							
Widtsoe-Escalante Smt.	11M1	9500	1/29	25	5.0	8.4	4.0
Widtsoe-Escalante #2	11M2	9500	1/29	35	6.0	7.2	5.2
Widtsoe-Escalante #3	11M3	9500	1/29	39	7.0	9.2	6.0b
PARIA RIVER							
Bryce Canyon x	12M8	8000	1/30	23	3.8	7.2	2.6
VIRGIN RIVER & COAL CREEK							
CSU Ranch	12M17	8200	1/30	46	12.1	7.7	- -
Duck Creek R.S. x	12M4	8560	1/30	75	18.9	11.3	7.6b
Harris Flat x	12M5	7700	1/30	45	12.8	8.5	4.7b
Long Valley Junction	12M6	7500	1/30	31	9.4	6.2	2.2b
Midway Valley x	12M2	9800	1/30	82	22.1	14.5	12.2b
Urie Flat	12M10	8450	1/30	39	10.3	6.9	4.1b
Webster Flat	12M3	9200	1/31	70	19.6	11.2	8.9
PAROWAN CREEK							
Birch Crossing	12M16	8100	1/31	23	5.8	5.5	- -
Brian Head	12M14	10400	1/31	63	16.2	13.3	- -
Ed Ward Flat	12M12	8300	--	--	- -	- -	- -
Tall Poles	12M15	8800	1/31	44	10.3	10.3	- -
Yankee Reservoir	12M11	8700	--	--	- -	- -	- -

FOOTNOTES - See last page

PRECIPITATION DATA (Inches)

DRAINAGE BASIN AND RAIN GAGE LOCATION	ELEVATION	CURRENT INFORMATION			FROM APPROX. OCT. 1 TO DATE		
		DATE OF READING	MONTH'S PRECIPITATION	1953-67 AVERAGE	THIS YEAR	1953-67 AVERAGE	PERCENT OF AVERAGE
ESCALANTE RIVER							
Widtsoe-Escalante	9500	1/29	5.35	2.30b	8.30	7.65b	108
VIRGIN RIVER							
Duck Creek R.S.	8560	1/30	10.80	3.27b	15.80	10.18*	155
Webster Flat	9200	1/30	12.80	3.53*	17.00	11.29*	151
COAL CREEK							
Cedar Breaks	10390	1/31	- -	2.85	15.35	9.67*	159
Webster Flat x	9200	1/30	12.80	3.53*	17.00	11.29*	151
PAROWAN CREEK							
Tall Poles	8800	1/31	4.75	- -	10.43	- -	- -
Yankee Reservoir	8700	- -	- -	2.13b	- -	6.36b	- -

FOOTNOTES - See last page

FOOTNOTES

(1) Data supplied by U. S. Forest Service
(2) Data supplied by U. S. Weather Bureau
(3) Data supplied by U. S. Geological Survey

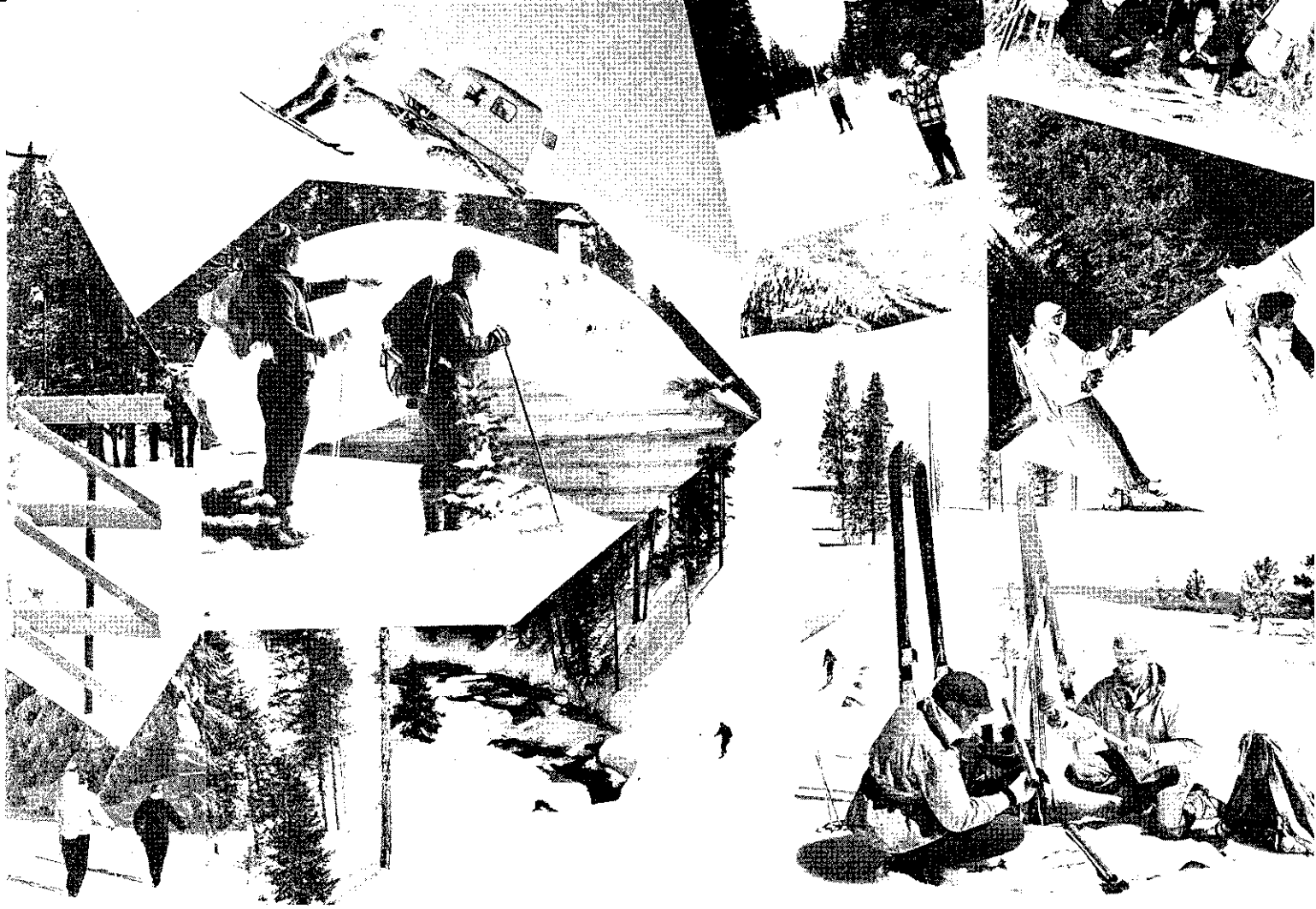
(a) 1953-67 - 15-year average period
(b) Average of all past record - less than 15 years
(c) Taken at Compromise point

(A) Aerial observation - water content estimated
(x) Adjacent drainage
* Partly estimated

The following footnotes apply only to Streamflow Forecast pages.

(1) Includes UP&L Co. tailrace and Logan, Hyde Park & Smithfield Canal.
(2) Observed flow plus change in storage in East Canyon Reservoir.
(3) Inflow record as computed by U. S. Bureau of Reclamation.
(4) Observed flow Weber River near Wanship, Utah, plus change in storage in Rockport Reservoir, plus diversion by Weber-Provo Canal.
(5) Includes diversion by Weber-Provo Canal and change in storage in Rockport Reservoir.
(6) Observed flow minus diversions thru Duchesne tunnel and Weber-Provo Canal.
(7) Observed flow plus change in storage in Deer Creek Reservoir, minus diversions thru Duchesne tunnel & Weber-Provo Canal.
(8) Change in storage plus diversion thru Strawberry tunnel.
(9) Observed flow plus change in storage in Otter Creek Reservoir.
(10) Gage is below diversions near Salina.
(11) Observed flow plus change in storage in Otter Crk & Piute Reservoirs.
(12) Observed flow at Rockyford Dam, corrected for change in storage in Minersville Reservoir.
(13) Observed flow plus diversion through Duchesne Tunnel.
(14) Observed flow plus change in storage in Moon Lake Reservoir.
(15) Observed flow plus change in storage reservoir.

(a) Runoff forecasts are based principally on mountain snow cover and on the assumption that precipitation and temperature will be near average from the present time to the end of the forecast period. Appreciable deviations from normal of temperature and/or precipitation will correspondingly modify these forecasts. The discharge data is taken from preliminary records of the U. S. Geological Survey.



WATER SUPPLY OUTLOOK FOR UTAH

and

FEDERAL - STATE - PRIVATE COOPERATIVE SNOW SURVEYS

UNITED STATES DEPARTMENT of AGRICULTURE···SOIL CONSERVATION SERVICE,

and

UTAH STATE DEPARTMENT OF NATURAL RESOURCES -- DIVISION OF WATER RIGHTS

In cooperation with U.S. Forest Service, Bureau of Reclamation, Utah Fish and Game Dept., Utah State University, U.S. National Park Service, U.S. Geological Survey: and other Federal, State, and private organizations.

AS OF

MAR. 1, 1969

WATER SUPPLY OUTLOOK FOR UTAH

and

FEDERAL - STATE - PRIVATE COOPERATIVE SNOW SURVEYS

Issued by

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STATE ENGINEER
DIVISION OF WATER RIGHTS
UTAH STATE DEPT. OF NATURAL RESOURCES

Report prepared by

BOB L. WHALEY, Snow Survey Supervisor

and

PAUL KEIL, Assistant Snow Survey Supervisor

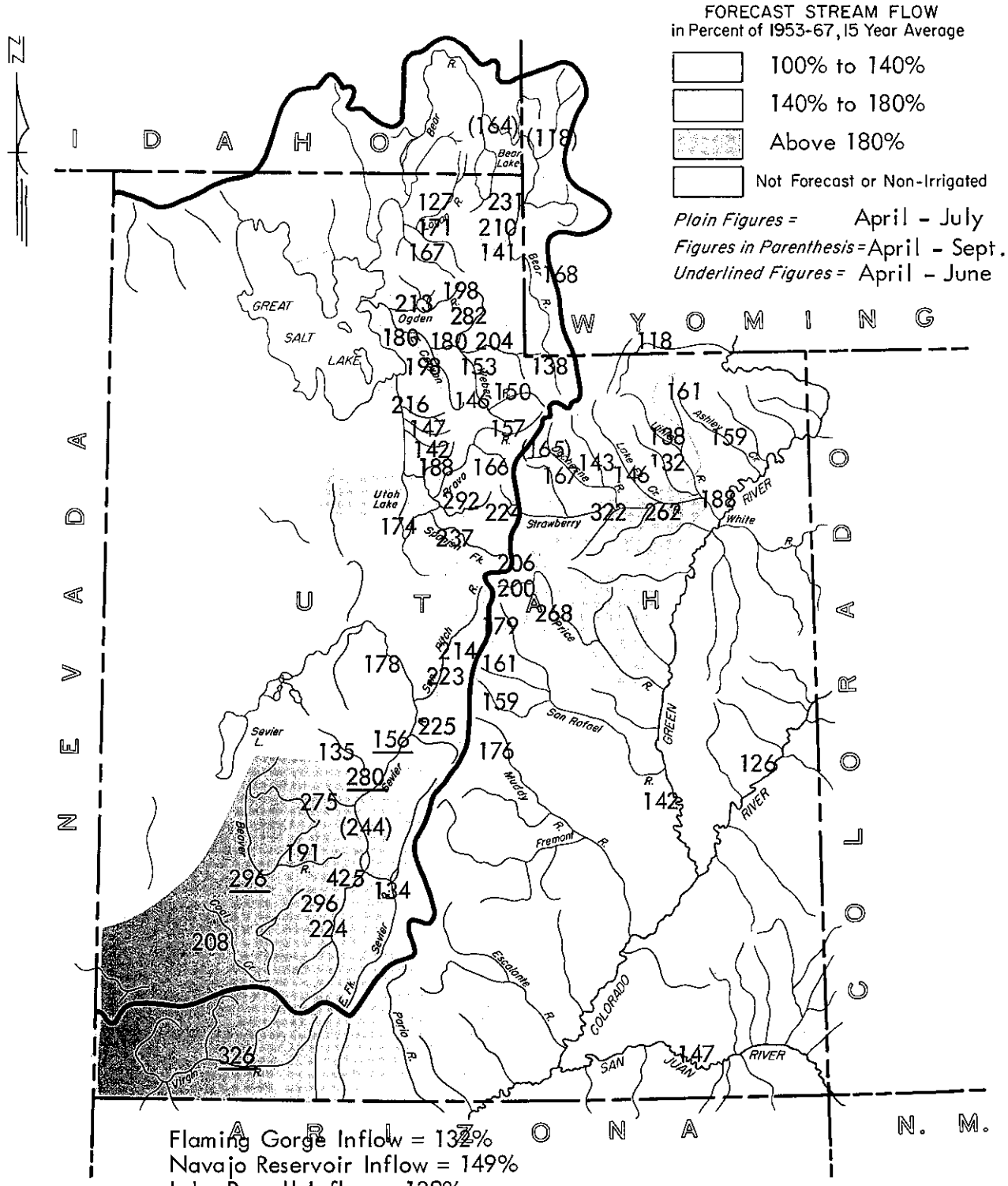
SOIL CONSERVATION SERVICE
SNOW SURVEY SECTION
FEDERAL BLDG., ROOM 4012
SALT LAKE CITY UTAH 84111

PROSPECTIVE WATER SUPPLIES

Based on Snow Surveys Made on UTAH and BEAR RIVER WATERSHEDS

March 1, 1969
Approximate Date

50 0 50 100
SCALE IN MILES



USDA-SCS-PORTLAND, OREG. 1968 M-2853

WATER SUPPLY OUTLOOK

WATER SUPPLY OUTLOOK

MARCH 5, 1969

* *
* Utah's 1969 water supply outlook continues to improve and is *
* now good to excellent in most areas of the State. Snow water *
* accumulation was again above average during March and now *
* ranges from 118% on the Logan River to better than 300% in *
* southwestern Utah. Streamflow forecasts for the April-July *
* period have raised and now range from about 120% to three and *
* four times the average flows on some streams of southwestern *
* Utah. *
* *

SNOW COVER

Many March 1 snow course measurements in Utah exceed or are close to water content amounts observed in the high year of 1952.

Snow cover in northern Utah varies from 118% on the Logan River to 171% of the 1953-67 average for March 1. Ben Lomond Peak and Dry Bread Pond, snow courses on the ridge between the Little Bear and Ogden Rivers, had water content measurements which exceed those measured on March 1, 1952. The upper Weber watershed did not increase as much as the Ogden but is now 134 to 166 % of average. East Canyon Creek snow cover is 159% of average. The creeks along the Wasatch front near Salt Lake range from 155% on Farmington Creek to 164% on Big Cottonwood Creek.

Snow cover on watersheds draining into Utah Lake varied from 164% on the Spanish Fork to 211% on the American Fork River.

Uinta Basin snow courses are now 170% to 208% of average on the Duchesne and Whiterocks-Uintah Rivers respectively. High elevation aerial snow depth markers in the Uintahs were flown cooperatively by the State Fish and Game Department this month and snow depths ranged from 39 inches at Henry's Fork to 72 inches at Windy Park near Oak Park Reservoir.

Strawberry Valley above the reservoir is 207% of the March 1 average. Central Utah snow cover ranges from 134% on Chalk Creek near Fillmore to 188% on the Price River.

Southeastern Utah measurements show 134% on the LaSal Mountains to 164% on the Blue Mountains near Monticello. These measurements were made prior to the last few days of the month and do not include at least one storm the last week of the month.

Southwestern Utah watersheds have a near record snow cover. Some areas which normally measure small amounts of snow have almost 6 times the average water contents. The upper Virgin and Sevier River watersheds have better than 3 times average amounts of snow water contents with

some measurements exceeding amounts measured in 1952.

RESERVOIR STORAGE

Storage in 14 of Utah's principal reservoirs excluding the Colorado River Project is now 139% of the March 1 average and 107% of last year at this time.

Bear Lake had 1,066,000 acre feet (122%), Hyrum Reservoir had 10,700 acre feet (97%) and Porcupine had 4500 acre feet in storage on March 1. Pineview had 48,000 acre feet (178%), East Canyon 32,000 acre feet, Echo 50,000 acre feet and Rockport 48,000 acre feet.

The three main Sevier River reservoirs, Otter Creek, Piute and Sevier Bridge, now hold a total of 235,000 acre feet (169%).

Strawberry reservoir now holds 154,000 acre feet (128%) and Moon Lake 25,200 acre feet or just average for March 1. Scofield has 46,700 acre feet (218%) in storage and Joe's Valley 28,100 acre feet. Utah Lake has 847,000 acre feet or about .4 foot below compromise.

STREAMFLOW

Above average increases to the snow pack in most areas of the state during February have resulted in higher streamflow forecasts for the run-off season. Many forecasts are now above flows observed in 1965 and some are almost as high as those experienced in the high year of 1952. Some percent of average figures appear very high due to a new lower 15-year average being used for comparison this year. In comparing this years forecast with previous years flows the volumes forecast this year are not out of line in view of the high snow water content now on the watersheds.

Streamflow forecasts in the Bear River now range from 127% of average on the Logan River to 231% on the Bear at Randolph. Blacksmith Fork and Little Bear are forecast to flow 72,000 (171%) and 70,000 (167%) respectively for the April-July period.

On the Weber-Ogden Rivers forecasts range from 146% for Rockport reservoir Inflow to 282% (35,000 acre feet) for Lost Creek where the snow pack is close to that of 1952. The 1952 flow for Lost Creek was 42,000 acre feet. Pineview Reservoir inflow is forecast to be 200,000 acre feet during April-July or 24,000 acre feet less than 1952 flows. The Weber near Oakley is expected to flow 162,000 acre feet (150%).

Creeks along the Wasatch front are forecasted to flow 142 to 216% of average with Parleys Creek being the higher percentage.

Provo River and Utah Lake tributary forecasts range from 151% on the Provo at Hailstone to 292% for Hobble Creek. Utah Lake inflow is expected to be 340,000 acre feet (174%) during the April-July period.

Uintah Basin streamflow forecasts vary from 132% on the Yellowstone to 322% on the Strawberry at Duchesne. Lakefork is forecast to flow 92,000 acre feet at the gage below Moon Lake.

The inflow to Scofield Reservoir is expected to be about 76,000 acre feet (206%) during April-July and the Price River is expected to flow 145,000 acre feet (268%).

Forecasts for Cottonwood near Orangeville, Ferron Creek, Huntington Creek and Muddy Creeks range between 159% and 179% of average for the April-July period.

Sevier River forecasts range from 15 to 34% above average on Antimony Creek and East Fork Sevier to better than four times average for Sevier near Kingston. The October 1 - March 31 flow right of 89,280 acre feet into Sevier Bridge was reported to have already been exceeded by 5,000 acre feet and the San Pitch river has produced about 16,000 acre feet and is still running into the Sevier.

The Virgin River is forecast to flow 124,000 acre feet or just a little less than the 128,000 it produced in 1952.

Colorado River forecasts now vary from 126% at Cisco to 149% for Navajo Reservoir Inflow.

In summary, if precipitation continues normal or above, Utah will have an excellent water supply and some areas may expect periods of higher than average peak flows.

RESERVOIR STORAGE (1,000 Ac. Ft.)

BASIN or STREAM	RESERVOIR	USABLE CAPACITY	MEASURED (FIRST OF MONTH) THIS YEAR	LAST YEAR	AVERAGE[a]
	GREAT BASIN				
Bear River	Bear Lake	1421.0	1066.0	1092.4	871.4
	Woodruff Narrows	26.5	28.0	26.0	- -
Beaver River	Minersville(Rocky Ford)	23.3	21.6	16.8	10.6
Little Bear	Hyrum	15.3	10.7	10.7	11.0
	Porcupine	11.3	4.5	3.8	- -
Ogden	Causey	7.1	4.1	4.4	- -
	Pineview	110.1	47.6	53.9	26.9
Provo	Deer Creek	149.7	99.0	112.3	89.3
Sevier River	Gunnison	18.2	17.7	17.6	- -
	Otter Creek	52.5	46.8	30.5	23.0
	Piute	71.8	59.1	55.2	35.4
	Sevier Bridge	236.0	128.8	83.0	80.7
Spanish Fork	Strawberry	270.0	154.0	127.6	120.0
Utah Lake	Utah Lake	883.9c	847.0	746.2	558.4
Weber	East Canyon	48.1	32.5	37.6	11.2
	Echo	73.9	50.5	35.4	35.7
	Lost Creek	20.0	11.2	9.9	- -
	Rockport	60.9	48.4	44.6	23.8
	Willard Bay	193.3	124.2	117.5	- -
	COLORADO RIVER DRAINAGE				
Ashley Creek	Steinaker	33.3	24.8	27.8	- -
Colorado	Blue Mesa	829.5	422.3	353.8	- -
	Lake Powell	25002.0	7337.0	8201.0	5138.0
Green	Flaming Gorge	3749.0	1669.1	2077.9	1248.0
Lake Fork	Moon Lake	35.8	25.2	23.0	15.7
Price River	Scofield	65.8	46.7	46.7	21.5
San Rafael	Joes Valley	54.6	28.1	17.8	- -
San Juan	Navajo	1696.4	707.3	588.0	- -

FOOTNOTES - See last page

UTAH STREAMFLOW FORECASTS[a] (1,000 Ac. Ft.)

FORECAST POINT	FORECAST THIS YEAR	THIS YEAR AS PERCENT OF AVERAGE	FORECAST PERIOD	LAST YEAR	AVERAGE [a]
BEAR RIVER SYSTEM					
Bear at Harer, Idaho	371	164	Apr-Sept	202	226
Bear nr Randolph	166	231	Apr-July	125	72
Bear nr Ut-Wyo State Line	146	138	Apr-July	135	106
Bear nr Woodruff	175	168	Apr-July	154	104
Big Crk nr Randolph, Utah	10.1	210	Apr-July	2.8	4.8
Blacksmith Fork nr Hyrum	72	171	Apr-July	38	42
Little Bear nr Paradise	70	167	Apr-June	32	42
Logan nr Logan (1)	126	127	Apr-July	99	99
Smith's Fork nr Border, Wyoming	127	118	Apr-Sept	76	108
Woodruff Crk nr Woodruff, Utah	19.1	141	Apr-July	12	13.5
WEBER-OGDEN RIVERS					
Chalk Crk at Coalville	57	204	Apr-July	46	28
East Canyon Crk nr Morgan(2)	36	198	Apr-July	25	18.2
Hardscrabble Crk nr Porterville	25	180	Apr-July	18.2	13.9
Lost Crk nr Croydon, Utah	35	282	Apr-July	11.4	12.4
Pineview Reservoir Inflow(3)	200	213	Apr-July	94	94
South Fork Ogden nr Huntsville	95	198	Apr-July	48	48
Rockport Reservoir Inflow(4)	165	146	Apr-July	153	113
Weber nr Coalville(5)	168	153	Apr-July	- -	110
Weber nr Oakley	162	150	Apr-July	136	108
PROVO RIVER & UTAH LAKE					
American Fork nr American Fork	49	188	Apr-July	33	26
Hobble Crk nr Springville	42	292	Apr-July	19.9	14.2
Provo nr Hailstone(6)	142	151	Apr-July	116	94
Provo below Deer Crk Dam(7)	179	166	Apr-July	133	108
Spanish Fork at Thistle	64	237	Apr-July	46	27
Strawberry Reservoir Inflow(8)	92	224	Apr-July	60	41
Utah Lake Inflow	340	174	Apr-July	- -	195
JORDAN RIVER & SALT LAKE					
Big Cottonwood nr SLC	50	147	Apr-July	38	34
Farmington Crk nr Farmington	12.2	180	Apr-July	8.5	6.8
Little Cottonwood Crk nr SLC	47	142	Apr-July	39	33
Parley's Crk nr SLC	19	216	Apr-July	14.2	8.8

FOOTNOTES - See last page

UTAH STREAMFLOW FORECASTS[a] (1,000 Ac. Ft.)

FORECAST POINT	FORECAST THIS YEAR	THIS YEAR AS PERCENT OF AVERAGE	FORECAST PERIOD	LAST YEAR	AVERAGE [a]
SEVIER RIVER					
Chalk Creek nr Fillmore	19.1	135	Apr-July	- -	14.1b
Clear Crk nr Sevier(abv. Div.)	22	275	Apr-July	- -	8.0b
East Fork Sevier nr Kingston(9)	16.5	134	Apr-July	- -	12.3
Antimony Crk nr Antimony	9.0	115	Apr-July	- -	7.8b
Inflow					
Kingston to Vermillion Dam	84	280	Apr-June	- -	30 b
Vermillion Dam to Gunnison	70	156	Mar-June	- -	45 b
Salina Crk at Salina(10)	13.3	225	Apr-June	15.4	5.9*
Sevier nr Circleville	80	296	Apr-July	- -	27
Sevier nr Gunnison	57	178	Apr-July	- -	32 b
Sevier at Hatch	74	224	Apr-July	56	33
Sevier nr Kingston	65	425	Apr-July	- -	15.3
Sevier below Piute Dam(11)	78	244	Apr-Sept	- -	32
SAN PITCH RIVER					
Ephraim Creek nr Ephraim	31	223	Apr-July	- -	13.9b
Pleasant Crk nr Mt. Pleasant	16.7	214	Apr-July	11.5	7.8b
Twin Crk nr Mt. Pleasant	7.8	- -	Apr-Sept	- -	- -
BEAVER RIVER					
Beaver nr Beaver	31	191	Apr-July	- -	16.2
Rockyford Reservoir Inflow(12)	14.5	296	Apr-June	- -	4.9
COAL CREEK					
Coal Crk nr Cedar City	27	208	Apr-July	- -	13.5
COLORADO RIVER BASIN					
GREEN RIVER TRIBUTARIES IN UTAH					
FLAMING GORGE TO DUCHESNE RIVER					
Ashley Creek nr Vernal	70	159	Apr-July	60	44
Henry's Fork at Linwood	45	118	Apr-Sept	---	38

FOOTNOTES - See last page

UTAH STREAMFLOW FORECASTS[a] (1,000 Ac. Ft.)

FORECAST POINT	FORECAST THIS YEAR	THIS YEAR AS PERCENT OF AVERAGE	FORECAST PERIOD	LAST YEAR	AVERAGE [a]
DUCHESNE RIVER					
Duchesne nr Hanna	86	165	Apr-Sept	39	52 b
Duchesne nr Tabiona(13)	155	167	Apr-July	116	93
Lakefork below Moon Lake(14)	92	146	Apr-July	81	63
Rock Crk nr Mtn. Home	126	143	Apr-July	109	88
Strawberry at Duchesne	158	322	Apr-July	- -	49
Uinta nr Neola	109	138	Apr-July	112	79
Whiterocks nr Whiterocks	82	161	Apr-July	75	51
Yellowstone nr Altonah	78	132	Apr-July	82	59
Duchesne at Myton	385	262	Apr-July	240	147
Duchesne at Randlett	492	188	Apr-July	350	262
PRICE RIVER					
Gooseberry Crk nr Scofield	20	200	Apr-July	11.7	10.0
Price nr Heiner(15)	145	268	Apr-July	89	54
Scofield Reservoir Inflow(15)	76	206	Apr-July	45	32
SAN RAFAEL RIVER					
Cottonwood Crk nr Orangeville	71	161	Apr-July	- -	44
Ferron Crk nr Ferron	54	159	Apr-July	39	34
Huntington Crk nr Huntington	75	179	Apr-July	63	42
MUDDY RIVER					
Muddy Creek nr Emery	30	176	Apr-July	- -	17.0b
VIRGIN RIVER					
Virgin nr Virgin	124	326	Apr-June	51	38
UPPER COLORADO BASIN					
Colorado nr Cisco, Utah (15)	3530	126	Apr-July	3653	2802
Flaming Gorge Inflow (3)	1390	132	Apr-July	1061	1054
Lake Powell Inflow (3)	9060	139	Apr-July	7247	6527
Green at Green River, Utah (15)	3660	142	Apr-July	1796	2574
San Juan nr Bluff, Utah (15)	1305	147	Apr-July	923	890
Navajo Reservoir Inflow	920	149	Apr-July	591	619

FOOTNOTES - See last page

PEAK FLOWS (Maximum Mean Daily) (Av. flow for 24 hrs. on day of greatest flow)

FORECAST POINT	PEAK FLOW (second feet)	
	FORECAST RANGE	15-YR. AVERAGE 1953-67
Beaver River near Beaver	350 - 500	215
Clear Creek near Sevier	235 - 285	156b
Salina Creek near Salina	250 - 300	133*
Sevier at Hatch	630 - 840	369

LOW FLOW FORECASTS

FORECAST POINT	DATE STREAMFLOW RECEDES TO LOW FLOW VALUE*	LOW FLOW VALUE	AVERAGE DATE OF LOW FLOW VALUE
Clear Creek nr Sevier(above div.)	Aug. 7	15	July 28
Salina Creek at Salina	June 14	25	June 10
Sevier at Circleville (Circle Valley)	July 20	90	June 24
Sevier at Hatch(upper Panguitch Valley)	Aug. 15	100	July 10

PRIMARY WATER RIGHTS (Percent of)

RIVER SECTION	FORECAST THIS YEAR	AVERAGE DELIVERED DURING 15 YEARS 1953-67	FORECAST PERIOD
Sevier River			
Below Vermillion Dam	70	58	Apr-Sept
Circle Valley	90	66	Apr-Sept
Panguitch Valley	100	84	Apr-Sept
Sevier Valley	65	40	Apr-Sept

OTHER SPECIAL FORECASTS

Kingston to Vermillion - Flow above 400 second feet - about 6000 - 8000 acre feet

Below Vermillion - Flow above 360 second feet - 3000 - 4000 acre feet not including flow added from the San Pitch River.

Inflow to Sevier Bridge reservoir from October 1 to March 31 has already exceeded the 89,280 acre foot right by about 5,000 acre feet and an additional 20,000 to 25,000 acre feet is expected if flows continue at the present rate.

**Following this date, streamflow is expected to fall below "Low Flow Value" shown.*

COMPARISON of SNOW COVER

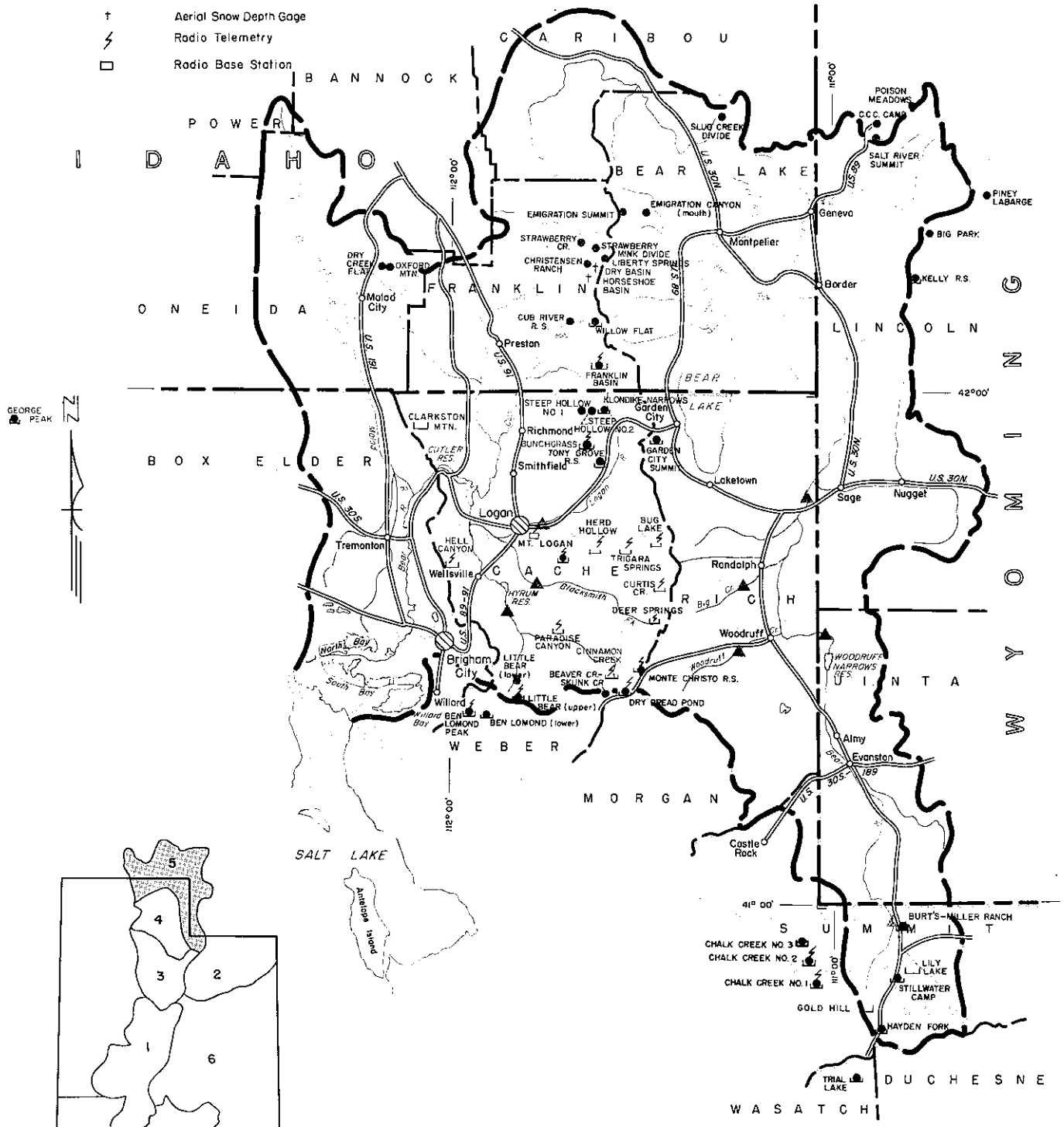
RIVER BASIN or TRIBUTARY WATERSHED	NO. of COURSES AVERAGED	THIS YEARS SNOW WATER EXPRESSED AS PERCENT OF :	
		LAST YEAR	AVERAGE a
GREAT BASIN			
Smith's Fork - Bear River (Wyo)	5	162	133
Strawberry-Mink Creeks (Ida)	3	123	132
Cub River (Ida)	1	127	123
Logan River	5	130	118
Blacksmith Fork-Little Bear	5	184	165
Malad River (Idaho)	2	178	153
Ogden River	5	185	171
Weber River above Echo Dam	8	158	166
Chalk Creek - Coalville	3	136	134
East Canyon Creek	3	150	159
Farmington Creek	2	153	155
Salt Lake Area	4	150	159
Tooele Area	1	182	184
American Fork River	3	193	211
Provo River above Deer Creek Dam	6	164	175
Strawberry Reservoir Valley	3	179	207
Spanish Fork River	5	157	164
Hobble Creek	2	161	184
Mt. Nebo Area	2	147	150
Sevier River above Panguitch	6	182	275
East Fork Sevier River	5	117	185
Clear Creek above Sevier	1	138	158
Salina Creek	2	122	129
Mt. Pleasant Area	2	168	150
Ephraim Creek	2	152	150
Mayfield Area	2	138	138
Chicken Creek - Levan	1	129	142
Chalk Creek - Fillmore	2	112	134
Beaver River	3	154	174
Parowan Creek	3	135	172
Coal Creek - Cedar City	2	200	238
Enterprise Reservoir	1	278	591
New Harmony - Pinto Drainages	1	149	256
COLORADO RIVER BASIN			
Duchesne River above Tabiona	4	156	170
Strawberry River	4	162	197
Lakefork River	2	180	202
Whiterocks-Uintah Rivers	3	211	208
Ashley Creek	4	178	186
Price River	6	162	188
San Rafael Tributaries	7	154	172
Fremont River	4	116	173
Escalante River	3	108	172
Virgin River	2	200	343
LaSal Mtns. nr Moab	2	90	134
Blue Mtns. nr Monticello	2	99	164

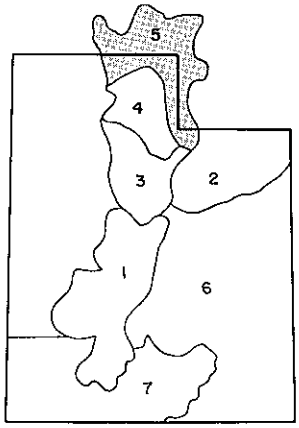
BEAR RIVER BASIN

LEGEND

- Watershed Boundary
- Soil Conservation District Bdry.
- County Boundary
- Forecast Point
- Snow Course
- S.C.S. Storage Gage
- W.B. Storage Gage
- Aerial Snow Depth Gage
- Radio Telemetry
- Radio Base Station

10 0 10 20 30
SCALE IN MILES





WATERSHED LOCATION

USDA-SCS-PORTLAND, OREG. 1965 M7-O-16253-5

UT-5c

INDEX

NO.	STATE	NAME	SEC.	TWP.	RGE.	ELEV.
		UPPER BEAR RIVER (above Harer, Idaho)				
10G11	W	Big Park	7	27N	117W	8,700
10J6	U	Burts-Miller Ranch	19	3N	10E	7,900
10G7	W	CCC Camp x	9	29N	118W	7,500
10J36p	U	Gold Hill	11	1N	9E	10,000
10J7	U	Hayden Fork	1	1S	9E	9,300
10G12	W	Kelly Ranger Station	13	26N	118W	8,200
10J35p	U	Lily Lake	34	2N	10E	9,300
11H12P	U	Monte Cristo R.S.	4	8N	4E	8,960
10G10	W	Piney LaBarge x	19	29N	114W	8,820
10G6	W	Poison Meadows x	29	30N	116W	8,500
10G8P	W	Salt River Summit x	32	29N	118W	7,900
10J17P	U	Stillwater Camp	32	2N	10E	8,550
		LOWER BEAR RIVER (below Harer, Idaho)				
11H14M	U	Beaver Creek-Skunk Creek	22	8N	3E	7,150
11H37p	U	Bug Lake	18	11N	5E	7,950
11H36p	U	Bunchgrass	5	13N	3E	8,400
11G11	I	Christensen Ranch	27	13S	41E	5,600
11H38p	U	Cinnamon Creek	5	8N	3E	7,300
12H1p	U	Clarkston Mtn.	29	14N	2W	6,300
11G12	I	Cub River Ranger Station	5	15S	41E	5,400
11H39p	U	Deer Springs	34	10N	4E	8,400
11G14a	I	Dry Basin	30	13S	42E	7,900
11H13MP	U	Dry Bread Pond	19	8N	4E	8,230
12G4	I	Dry Creek Flat	31	13S	37E	6,350
11G6	I	Emigrant Summit	21	12S	42E	7,350
11G7	I	Emigration Canyon (mouth)	24	12S	42E	6,500
11G8M	I	Franklin Basin	1	16S	41E	8,000
11H7MP	U	Garden City Summit	35	14N	4E	7,600
12H2p	U	Hell Canyon	24	11N	2W	6,400
11H40p	U	Herd Hollow	4	11N	3E	7,000
11G15a	I	Horseshoe Basin	31	13S	42E	8,000
11H1MP	U	Klondike Narrows	10	14N	3E	7,400
11G13	I	Liberty Springs	7	13S	42E	8,420
11H26	U	Little Bear (lower)	15	8N	1E	5,800
11H25P	U	Little Bear (upper)	22	8N	1E	6,550
11H12P	U	Monte Cristo R.S.	3	8N	4E	8,960
11H6	U	Mt. Logan	3	11N	2E	9,000
12G3	I	Oxford Mountain	32	13S	37E	6,800
11H46p	U	Paradise Canyon	36	10N	2E	7,650
11G5	I	Slug Creek Divide	15	10S	44E	7,225
11H4	U	Spring Hollow (lower)	26	12N	2E	7,000
11H5	U	Spring Hollow (upper)	35	12N	2E	8,000
11H27	U	Steep Hollow #1	7	14N	3E	8,500
11H28	U	Steep Hollow #2	9	14N	3E	7,700
11G9	I	Strawberry Creek	9	13S	41E	5,800
11G10	I	Strawberry Mink Divide	14	13S	41E	6,800
11H3M	U	Tony Grove Ranger Station	11	13N	3E	6,250
11H41p	U	Trigara Springs	29	12N	4E	7,600
11G4P	I	Willow Flat	2	15S	41E	6,100

LEGEND

Numbering system (example)

10J7	SNOW COURSE ONLY
10J7P	SNOW COURSE AND PRECIPITATION GAGE
10J7M	SNOW COURSE AND SOIL MOISTURE STATION
10J7A	SNOW COURSE AND AERIAL MARKER
10J7MA	SNOW COURSE, SOIL MOISTURE STATION AND AERIAL MARKER
10J7MP	SNOW COURSE, SOIL MOISTURE STATION AND PRECIPITATION GAGE
10J7m	SOIL MOISTURE STATION ONLY
10J7a	AERIAL MARKER ONLY
10J7p	STORAGE PRECIPITATION GAGE ONLY
x	ADJACENT DRAINAGE

SNOW

DRAINAGE BASIN and SNOW COURSE			CURRENT INFORMATION			PAST RECORD	
NAME	NO.	ELEVATION	DATE OF SURVEY	SNOW DEPTH (Inches)	WATER CONTENT (Inches)	WATER CONTENT (Inches) LAST YEAR	AVERAGE a

BEAR RIVER BASIN

UPPER BEAR RIVER
(Above Harer, Idaho)

Big Park x	10G11	3700	2/25	78	23.3	13.9	16.8
CCC Camp x	10G7	7500	2/28	48	13.5	8.4	10.2
Chalk Creek #1 x	11J1	9100	2/25	86	23.6	16.0	17.7*
Chalk Creek #2 x	11J2	8000	2/25	53	15.3	11.4	11.1
Chalk Creek #3 x	11J3	7500	2/25	32	8.4	6.6	6.1
Kelly Ranger Station	10G12	8200	2/25	66	19.5	11.9	15.2*
Monte Cristo R. S.	11H12	8960	2/27	92	30.0	17.6	20.2*
Piney-LaBarge #2	10G10	8820	2/26	76	23.8	16.4	- -
Poison Meadows x	10G6	8500	2/26	92	25.8	22.1	24.4*
Salt River Summit x	10G8	7900	2/27	60	17.8	10.4	13.3
Smith & Morehouse x	11J4	7600	2/26	63	18.0	11.3	10.1
Trial Lake x	10J8	9800	2/28	95	29.8	20.5	20.7

LOWER BEAR RIVER
(Below Harer, Idaho)

Beaver Creek-Skunk Crk.	11H14	7150	2/27	60	18.7	8.7	9.6
Christensen Ranch	11G11	5600	2/26	35	9.3	9.4	7.3*
Cub River R.S.	11G12	5400	2/27	33	8.7	8.2	7.5*
Dry Bread Pond x	11H13	8230	2/27	77	24.4	11.5	14.3
Dry Creek Flat	12G4	6350	2/25	39	10.1	4.8	6.2*
Emigration Canyon	11G7	6500	2/24	44	11.8	10.2	8.6*
Emigrant Summit	11G6	7700	2/24	85	26.6	21.9	19.2*
Garden City Summit	11H7	7600	2/28	60	17.7	12.4	15.1
Klondike Narrows	11H1	7400	2/28	70	21.5	15.6	16.7b
Little Bear (lower)	11H26	6100	2/25	52	15.4	8.2	7.6b
Little Bear (upper)	11H25	6850	2/25	64	17.8	9.6	9.4b
Monte Cristo R.S.	11H12	8960	2/27	92	30.0	17.6	20.2*
Oxford Mountain	12G3	6800	2/25	49	13.0	8.2	8.0*
Slug Creek Divide	11G5	7225	2/24	53	16.8	12.3	13.1*
Steep Hollow #1	11H27	8500	2/28	102	33.2	29.0	29.4b
Steep Hollow #2	11H28	7700	2/28	84	25.4	20.0	22.4b
Strawberry Creek	11G9	5800	2/26	46	11.9	10.9	9.3*
Strawberry Mink Divide	11G10	6800	2/27	74	22.4	16.5	17.2*
Tony Grove R.S.	11H3	6250	2/28	40	11.1	8.7	9.5
Willow Flat	11G4	6100	2/27	55	15.6	12.2	12.7*

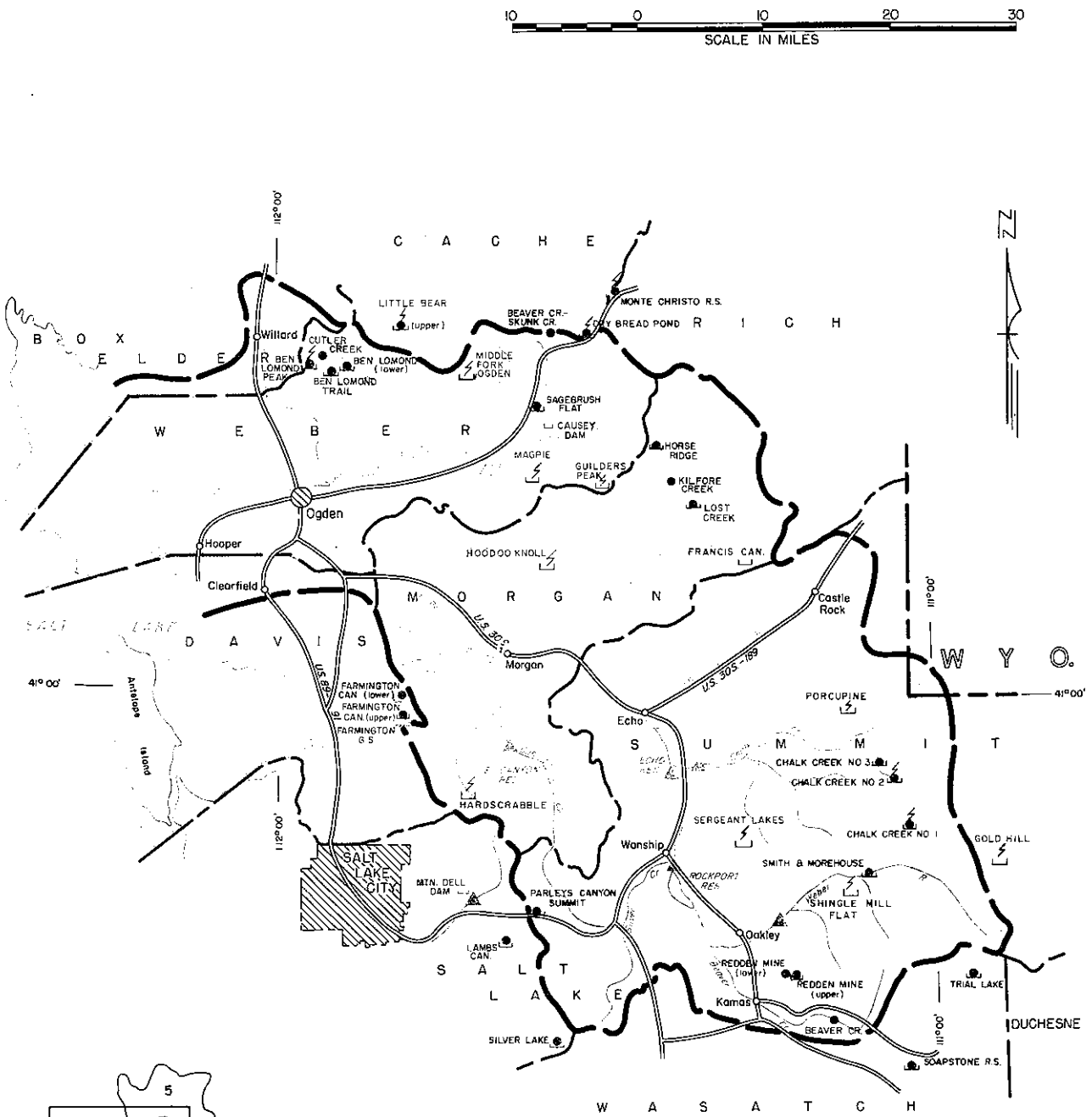
FOOTNOTES - See last page

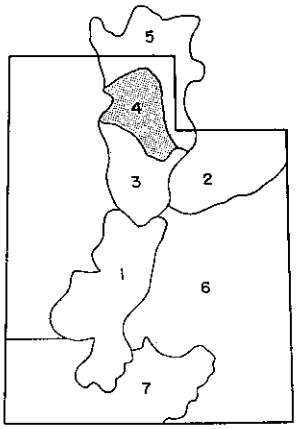
PRECIPITATION DATA (Inches)

DRAINAGE BASIN AND RAIN GAGE LOCATION	ELEVATION	CURRENT INFORMATION			FROM APPROX. OCT. 1 TO DATE		
		DATE OF READING	MONTH'S PRECIPITATION	1953-67 AVERAGE	THIS YEAR	1953-67 AVERAGE	PERCENT OF AVERAGE
Chalk Creek #1 x	9100	2/28	5.10	- -	- -	- -	- -
Chalk Creek #2 x	8000	2/28	2.90	3.02b	- -	11.82*	- -
Chalk Creek #3 x	7500	2/25	2.08	1.82b	12.23	10.19b	120
Dry Bread Pond	8230	No Report		4.47*	- -	16.22*	- -
Garden City Summit	7600	2/28	4.48	3.22*	18.52	14.74	126
Kelly R. S.	8200	2/25	3.60	- -	- -	- -	- -
Klondike Narrows	7400	No Report		5.24b	- -	19.39	- -
Little Bear(upper)	6850	No Report		- -	- -	15.36	- -
Monte Cristo #2 (WB)	8960	3/3	8.42	4.94b	29.00	19.68	147
Sagebrush Flat x	6300	3/3	4.10	2.48b	15.69	10.76	146
Salt River Summit	7900	2/27	3.65	3.51b	16.85	12.98	130
Tony Grove R. S. (SCS)	6250	2/28	2.90	- -	- -	- -	- -
Trial Lake x	9800	2/28	5.33	4.47b	27.09	17.36	156
Willow Flat	6100	2/27	4.90	4.72*	23.47	17.52	134

FOOTNOTES - See last page

WEBER - OGDEN WATERSHEDS





WATERSHED LOCATION

LEGEND

- Watershed Boundary
- Soil Conservation District Bdry.
- County Boundary
- Forecast Point
- Snow Course
- S.C.S. Storage Gage
- W.B. Storage Gage
- Radio Telemetry

UT-4c

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NO.	STATE	NAME	SEC.	TWP.	RGE.	ELEV.
		OGDEN RIVER				
11H14M	U	Beaver Creek-Skunk Creek	22	8N	3E	7,150
11H8	U	Ben Lomond Peak	3	7N	1E	8,000
11H9P	U	Ben Lomond (lower)	1	7N	1W	5,850
11H30P	U	Ben Lomond Trail	2	7N	1W	6,000
11H35p	U	Causey Dam	34	7N	3E	5,500
11H31	U	Cutler Creek	3	7N	1W	6,780
11H13MP	U	Dry Bread Pond	19	8N	4E	8,230
11H34p	U	Guilder's Peak	21	6N	4E	8,050
11H42p	U	Magpie	29	6N	3E	7,700
11H45p	U	Middle Fork Ogden	16	7N	2E	8,420
11H12P	U	Monte Cristo R.S.	3	8N	4E	8,960
11H10	U	Mt. Ogden	5	5N	1E	8,600
11H15P	U	Sagebrush Flat	21	7N	3E	6,300
11H11P	U	Snow Basin	32	6N	1E	6,420
		WEBER RIVER				
11J24	U	Beaver Creek R.S.	28	2S	7E	7,500
11J1	U	Chalk Creek #1	4	1N	8E	9,100
11J2MP	U	Chalk Creek #2	17 & 20	2N	8E	8,000
11J3M	U	Chalk Creek #3	7	2N	8E	7,500
11J12P	U	Farmington Canyon (lower) x	14	3N	1E	6,950
11J11	U	Farmington Canyon (upper) x	26	3N	1E	8,000
11H44p	U	Francis Canyon	29	5N	6E	7,400
11J37p	U	Hardscrabble	16	2N	2E	6,500
11H43p	U	Hoodoo Knoll	22	5N	3E	8,350
11H21P	U	Horse Ridge	1	6N	4E	8,260
11H31	U	Kilfore Creek	20	6N	5E	7,300
11J14	U	Lamb's Canyon x	19	1S	3E	6,600
11H32P	U	Lost Creek	27	6N	5E	6,125
11J15P	U	Parley's Canyon Summit	9 & 10	1S	3E	7,600
11J38p	U	Porcupine	22	3N	7E	8,100
11J6	U	Reddon Mine (lower)	1	2S	6E	8,500
11J5	U	Reddon Mine (upper)	1	2S	6E	9,000
11J39p	U	Sergeant Lakes	17	1N	5E	8,400
11J40p	U	Shingle Mill Flat	15	1S	7E	9,900
11J16P	U	Silver Lake (Brighton) x	35	2S	3E	8,725
11J4P	U	Smith & Morehouse	25	1N	7E	7,600
10J8P	U	Trial Lake x	5	2S	9E	9,800

LEGEND

Numbering system (example)

10J7	SNOW COURSE ONLY
10J7P	SNOW COURSE AND PRECIPITATION GAGE
10J7M	SNOW COURSE AND SOIL MOISTURE STATION
10J7A	SNOW COURSE AND AERIAL MARKER
10J7MA	SNOW COURSE, SOIL MOISTURE STATION AND AERIAL MARKER
10J7MP	SNOW COURSE, SOIL MOISTURE STATION AND PRECIPITATION GAGE
10J7m	SOIL MOISTURE STATION ONLY
10J7a	AERIAL MARKER ONLY
10J7p	STORAGE PRECIPITATION GAGE ONLY
x	ADJACENT DRAINAGE

DRAINAGE BASIN and SNOW COURSE			CURRENT INFORMATION			PAST RECORD	
NAME	NO.	ELEVATION	DATE OF SURVEY	SNOW DEPTH (inches)	WATER CONTENT (inches)	WATER CONTENT (inches) LAST YEAR	WATER CONTENT (inches) AVERAGE a

WEBER-OGDEN WATERSHEDS

OGDEN RIVER

Beaver Crk-Skunk Crk.	11H14	7150	2/27	60	18.7	8.7	9.6
Ben Lomond(lower)	11H9	5850	2/26	68	20.1	12.8	11.4b
Ben Lomond Peak	11H8	8000	2/26	135	43.7	24.9	26.2b
Ben Lomond Trail	11H30	6000	2/26	78	24.2	12.0	11.3b
Cutler Creek	11H31	6780	2/26	116	38.2	18.2	20.0b
Dry Bread Pond	11H13	8230	2/27	77	24.4	11.5	14.3
Monte Cristo R. S.	11H12	8960	2/27	92	30.0	17.6	20.2*
Sagebrush Flat	11H15	6300	2/27	27	7.5	3.2	4.0

WEBER RIVER

Beaver Creek R. S.	11J24	7500	2/28	41	11.8	8.0	7.3
Chalk Creek #1	11J1	9100	2/25	86	23.6	16.0	17.7*
Chalk Creek #2	11J2	8000	2/25	53	15.3	11.4	11.1
Chalk Creek #3	11J3	7500	2/25	32	8.4	6.6	6.3
Farmington Canyon(lower)	11J12	6950	2/24	79	25.4	17.5	16.9
Farmington Canyon(upper)	11J11	8000	2/24	96	33.5	20.8	20.9
Lamb's Canyon x	11J14	6600	2/28	66	22.4	11.1	11.6
Parley's Canyon Smt.	11J15	7500	2/28	70	21.3	16.4	14.2
Redden Mine(lower)	11J6	8500	2/27	83	25.5	14.0	13.9
Redden Mine(upper)	11J5	9000	2/27	86	27.6	15.6	15.5
Silver Lake x	11J16	8725	2/27	98	31.0	20.8	18.9
Smith & Morehouse	11J4	7600	2/26	63	18.0	11.3	10.1
Trial Lake x	10J8	9800	2/28	95	29.8	20.5	20.7

FOOTNOTES - See last page

PRECIPITATION DATA (Inches)

DRAINAGE BASIN AND RAIN GAGE LOCATION	ELEVATION	CURRENT INFORMATION			FROM APPROX. OCT. 1 TO DATE		
		DATE OF READING	MONTH'S PRECIPITATION	1953-67 AVERAGE	THIS YEAR	1953-67 AVERAGE	PERCENT OF AVERAGE
OGDEN RIVER							
Ben Lomond(lower)	5850	2/26	6.95	4.39b	35.23	19.85*	177
Ben Lomond Trail	6000	2/26	8.71	4.41b	38.16	21.48*	178
Causey Dam	5500	3/3	2.97	1.92b	11.46	12.58*	- -
Dry Bread Pond	8230	No Report		4.47*	- -	16.22*	- -
Monte Cristo #2 x(WB)	8960	3/3	8.42	4.94b	29.00	19.68	147
Sagebrush Flat	6300	3/3	4.10	2.48b	15.69	10.76	146
WEBER RIVER							
Chalk Creek #1	9100	No Report		- -	- -	- -	- -
Chalk Creek #2	8000	No Report		3.02b	- -	11.82*	- -
Chalk Creek #3	7500	2/25	2.08	1.82b	12.23	10.19b	120
Farmington G. S.	7500	2/24	5.38	4.69	31.67	21.73	146
Farmington Rice	7000	2/24	5.65	4.38	31.59	19.73	160
Parley's Canyon Smt.	7500	2/28	4.68	3.94*	25.46	15.58	163
Redden Mine (upper)	9000	2/27	- -	- -	28.31	- -	- -
Silver Lake(Brighton)x	8725	2/28	11.62	3.40	37.59	19.11	197
Smith & Morehouse	7600	2/26	4.55	3.19b	19.20	12.98	148
Trial Lake x	9800	2/28	5.33	4.47b	27.09	17.36	156

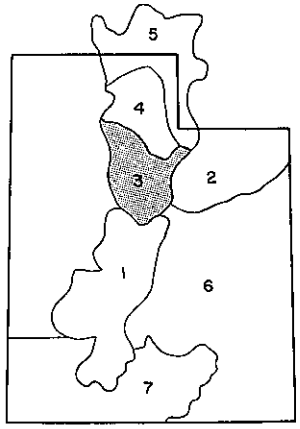
FOOTNOTES - See last page

UTAH LAKE, JORDAN RIVER AND TOOELE VALLEY WATERSHEDS

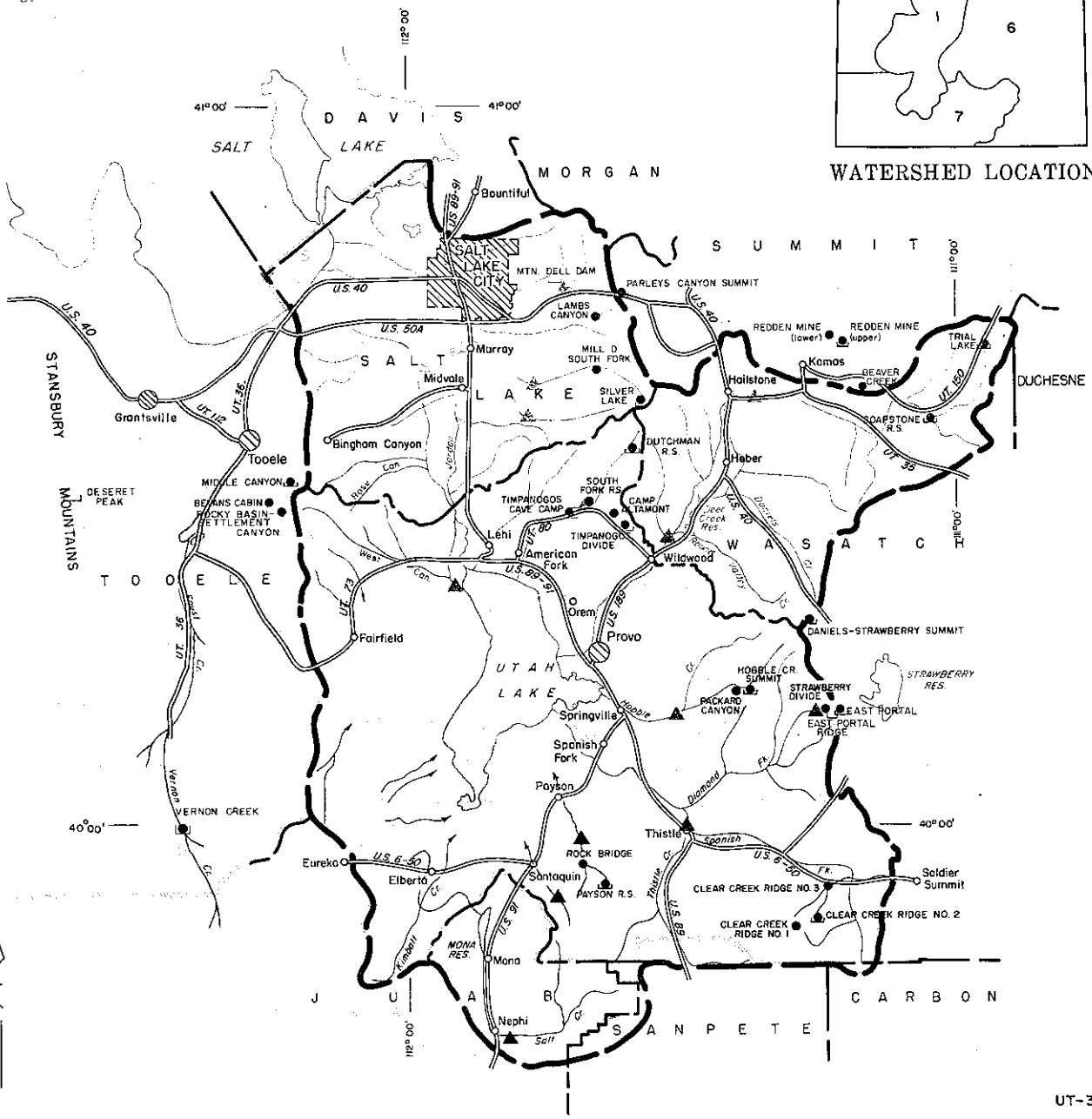
10 0 10 20 30
SCALE IN MILES

LEGEND

- Watershed Boundary
- Soil Conservation District Bdry.
- County Boundary
- Forecast Point
- Snow Course
- S.C.S. Storage Gage
- W.B. Storage Gage



WATERSHED LOCATION



USGS-SCS-PORTLAND, OREG. 1966 M7-O-16253-3

UT-3c

INDEX

NO.	STATE	NAME	SEC.	TWP.	RGE.	ELEV.
		PROVO RIVER & UTAH LAKE				
11J20	U	Camp Altamont	29	4S	3E	7,300
11K21	U	Clear Creek Ridge #1	18	11S	6E	9,200
11K22P	U	Clear Creek Ridge #2	9	11S	6E	8,000
11K23	U	Clear Creek Ridge #3	27	10S	6E	6,600
11J23MP	U	Daniels-Strawberry Summit	20	2S	12W	8,000
11J17P	U	Dutchman R.S.	27	3S	3E	7,560
11J7P	U	East Portal	36	7S	6E	7,560
11J22P	U	Hobble Creek Summit	20	7S	5E	7,420
11J31	U	Packard Canyon	21	7S	5E	6,400
11K1P	U	Payson R.S.	30	10S	3E	8,050
11K2	U	Rock Bridge	14	10S	2E	6,750
11J25P	U	Soapstone R.S.	9	3S	8E	7,800
11J19	U	South Fork R.S.	24	4S	2E	6,100
11J8	U	Strawberry Divide	34 & 35	7S	6E	8,000
11J18	U	Timpanogos Cave Camp	27	4S	2E	5,500
11J21P	U	Timpanogos Divide	33	4S	3E	8,140
10J8P	U	Trial Lake	5	2S	9E	9,800
		JORDAN RIVER & GREAT SALT LAKE				
12J2	U	Bevan's Cabin	24	4S	4W	6,450
12J5p	U	Deseret Peak	15	4S	7W	9,250
11J12P	U	Farmington Canyon (lower)	14	3N	1E	6,950
11J11	U	Farmington Canyon (upper)	26	3N	1E	8,000
11J14	U	Lamb's Canyon	19	1S	3E	6,600
12J3P	U	Middle Canyon	8	4S	3W	7,000
11J10	U	Mill D South Fork	18	2S	3E	7,400
11J15P	U	Parley's Canyon Summit x	9 & 10	1S	3E	7,600
12J1	U	Rocky Basin-Settlement Canyon	30	4S	3W	8,900
11J16P	U	Silver Lake (Brighton)	35	2S	3E	8,725
12K2P	U	Vernon Creek	21	10S	5W	7,500

LEGEND

Numbering system (example)

10J7	SNOW COURSE ONLY
10J7P	SNOW COURSE AND PRECIPITATION GAGE
10J7M	SNOW COURSE AND SOIL MOISTURE STATION
10J7A	SNOW COURSE AND AERIAL MARKER
10J7MA	SNOW COURSE, SOIL MOISTURE STATION AND AERIAL MARKER
10J7MP	SNOW COURSE, SOIL MOISTURE STATION AND PRECIPITATION GAGE
10J7m	SOIL MOISTURE STATION ONLY
10J7a	AERIAL MARKER ONLY
10J7p	STORAGE PRECIPITATION GAGE ONLY
x	ADJACENT DRAINAGE

DRAINAGE BASIN and SNOW COURSE			CURRENT INFORMATION			PAST RECORD	
						WATER CONTENT (Inches)	
NAME	NO.	ELEVATION	DATE OF SURVEY	SNOW DEPTH (Inches)	WATER CONTENT (Inches)	LAST YEAR	AVERAGE

UTAH LAKE, JORDAN RIVER AND TOOELE VALLEY WATERSHEDS

UTAH LAKE

Beaver Creek R. S. x	11J24	7500	2/28	41	11.8	8.0	7.3
Camp Altamont	11J20	7300	2/28	89	29.0	14.0	12.1
Clear Creek Ridge #1	11K21	9200	2/24	76	23.7	13.4	14.2b
Clear Creek Ridge #2	11K22	8000	2/24	64	13.1	11.0	11.0b
Clear Creek Ridge #3	11K23	6600	2/24	41	11.6	7.7	6.2b
Daniels-Strawberry Smt.	11J23	8000	2/26	78	25.3	13.1	11.6
Dutchman R. S.	11J17	7500	2/28	90	27.5	15.6	14.8b
East Portal	11J7	7560	2/28	60	18.7	10.3	8.6
Hobble Creek Summit	11J22	7300	2/27	72	20.2	12.2	10.7b
Packard Canyon	11J31	6400	2/27	49	14.8	9.5	8.2b
Payson R. S.	11K1	8050	2/26	77	23.6	14.8	13.9b
Rock Bridge	11K2	6750	2/26	50	12.6	9.3	9.6b
Soapstone R. S.	11J25	7800	2/28	49	14.3	11.7	10.5
South Fork R. S.	11J19	6100	2/28	33	8.6	8.0	5.0
Strawberry Divide	11J8	8000	2/28	82	27.9	16.3	15.1
Timpanogos Cave Camp	11J18	5500	2/28	16	3.2	2.4	2.3
Timpanogos Divide	11J21	8140	2/28	126	41.5	20.9	19.9
Trial Lake	10J8	9800	2/28	95	29.8	20.5	20.7

JORDAN RIVER & TOOELE VALLEY

Lamb's Canyon	11J14	6600	2/28	62	19.0	11.1	11.6
Middle Canyon-Tooele	12J3	7000	2/27	62	18.6	10.2	10.1b
Mill D South Fork	11J10	7400	2/27	76	24.6	16.4	15.7
Parley's Canyon Smt. x	11J15	7500	2/28	70	21.3	16.4	14.2
Silver Lake	11J16	8725	2/27	98	31.0	20.8	18.9
Vernon Creek	12K2	7500	2/27	53	17.2	7.6	- -

FOOTNOTES - See last page

PRECIPITATION DATA (inches)

DRAINAGE BASIN AND RAIN GAGE LOCATION	ELEVATION	CURRENT INFORMATION			FROM APPROX. OCT. 1 TO DATE		
		DATE OF READING	MONTH'S PRECIPITATION	1953-67 AVERAGE	THIS YEAR	1953-67 AVERAGE	PERCENT OF AVERAGE
UTAH LAKE							
Clear Creek Ridge #2	8000	2/24	3.85	2.62b	18.20	11.59*	157
Daniels-Strawberry Smt.	8000	2/26	5.54	2.90b	24.49	13.85*	177
Dutchman R. S.	7500	2/28	8.25	- -	32.45	15.94b	204
East Portal Ridge	7800	2/28	5.05	3.37	22.34	13.78*	162
Hobble Creek Smt.	7300	2/27	- -	- -	20.65	- -	- -
Payson R. S.	8050	2/26	6.90	3.84b	22.45	13.85	162
Soapstone R. S.	7800	2/28	2.69	2.71b	15.87	12.13	131
Timpanogos Divide	8200	2/28	12.90*	3.94	46.50*	19.89	234
Trial Lake	9800	2/28	5.33	4.47b	27.09	17.36	156
JORDAN RIVER & TOOELE VALLEY							
Middle Canyon	7000	2/27	6.23	3.32b	23.29	12.87	181
Mt. Dell Dam	5500	2/28	2.28	2.02	12.65	9.52	133
Parley's Canyon Smt.	7500	2/28	4.68	3.94*	25.46	15.58	163
Silver Lake (Brighton)	8725	2/28	11.62	3.40	37.59	19.11	197
Vernon Creek	7500	2/27	- -	- -	10.13	- -	- -

FOOTNOTES - See last page

UINTAH BASIN & DAGGETT S. C. D's.

LEGEND

- Watershed Boundary
- Sub-watershed Boundary
- Soil Conservation District Bdry.
- County Boundary
- Forecast Point
- Snow Course
- S.C.S. Storage Gage
- W. B. Storage Gage
- Aerial Snow Depth Gage
- Snow Course and Aerial Snow Depth Gage
- Soil Moisture Station
- Snow Course, Storage Gage and Soil Moisture Station
- Radio Telemetry

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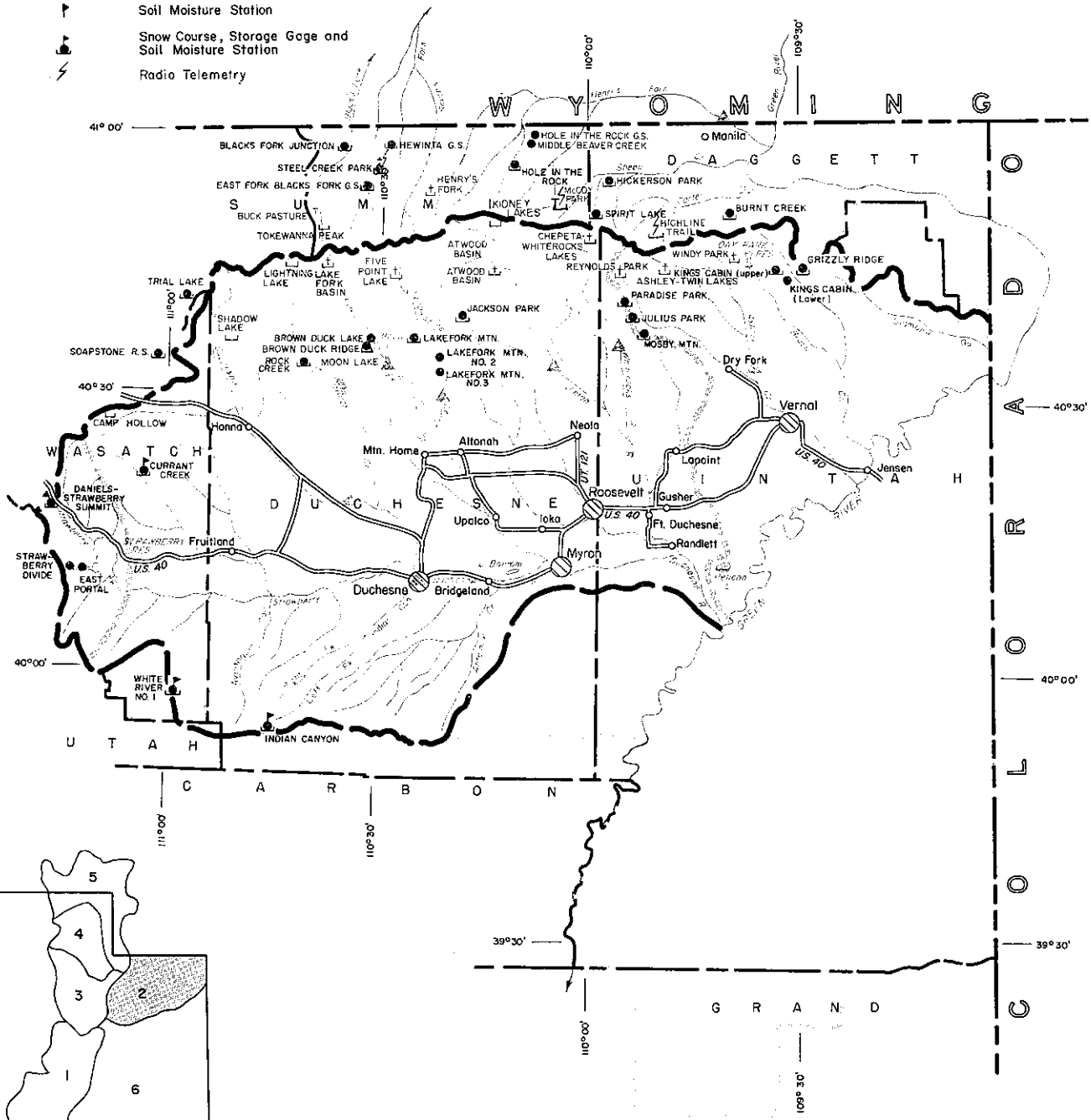
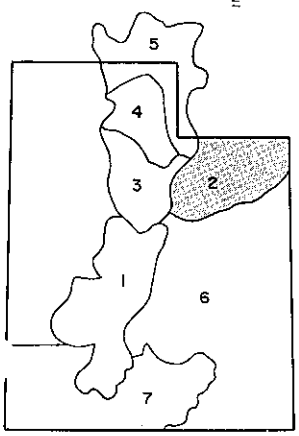
SCALE IN MILES





WATERSHED LOCATION

USDA-SCS-PORTLAND, OREG., 1968 M7-O-16253-2

INDEX

NO.	STATE	NAME	SEC.	TWP.	RGE.	ELEV.
		UPPER GREEN RIVER IN UTAH (above Duchesne River)				
9J11a	U	Ashley Twin Lakes	20	1S	19E	10,500
10J21P	U	Black's Fork G.S.-East Fork	25	2N	12E	9,300
10J22P	U	Black's Fork Junction	33	3N	12E	8,925
10J23a	U	Buck Pasture	14	1N	11E	9,700
10J4P	U	Hewinta G.S.	33	3N	13E	9,500
9J8	U	Hickerson Park	24	2N	17E	9,100
9J15p	U	Highline Trail	23	1N	19E	10,250
10J1	U	Hole-in-the-Rock	13	2N	15E	9,150
10J3	U	Hole-in-the-Rock G.S.	32	3N	16E	8,300
9J2	U	King's Cabin (lower)	23 & 26	1S	21E	8,600
9J1P	U	King's Cabin (upper)	22	1S	21E	8,730
10J37p	U	McCoy Park	6	1N	17E	10,680
10J2	U	Middle Beaver Creek	31	3N	16E	8,550
9J7P	U	Spirit Lake	10	1N	17E	10,300
10J20A	U	Steel Creek Park	17	2N	13E	9,900
9J12a	U	Windy Park	1	1S	20E	9,400
		DUCHESNE RIVER				
10J27a	U	Atwood Basin	21	1S	15E	10,250
10J9	U	Brown Duck Lake	2	2N	6W	10,300
9J9a	U	Chepeta-Whiterocks Lakes	3	1S	17E	10,300
11J32MP	U	Currant Creek	31	1S	10W	7,800
11J23MP	U	Daniels-Strawberry Summit x	20	2S	12W	8,000
11J7P	U	East Portal x	36	7S	6E	7,560
10J26a	U	Five Point Lake	28	4N	5W	11,000
10K1P	U	Indian Canyon	2	11S	10E	9,100
10J19	U	Jackson Park	23	3N	4W	11,300
9J6P	U	Julius Park	20	3N	1E	9,800
10J25a	U	Lakefork Basin	13	4N	7W	11,100
10J10P	U	Lakefork Mountain	2 & 3	2N	5W	10,200
10J11	U	Lakefork Mountain #2	17	2N	4W	8,900
10J12	U	Lakefork Mountain #3	29	2N	4W	8,100
9J5	U	Mosby Mountain	27	2S	18E	9,500
9J3P	U	Paradise Park	7	3N	1E	10,100
10J18P	U	Rock Creek	21	2N	7W	7,900
10J25P	U	Soapstone R.S. x	9	3S	8E	7,800
11J8	U	Strawberry Divide x	34 & 35	7S	6E	8,000
10J8P	U	Trial Lake x	5	2S	9E	9,800
10K2MP	U	White River #1 x	11	10S	8E	8,550

LEGEND

Numbering system (example)

10J7	SNOW COURSE ONLY
10J7P	SNOW COURSE AND PRECIPITATION GAGE
10J7M	SNOW COURSE AND SOIL MOISTURE STATION
10J7A	SNOW COURSE AND AERIAL MARKER
10J7MA	SNOW COURSE, SOIL MOISTURE STATION AND AERIAL MARKER
10J7MP	SNOW COURSE, SOIL MOISTURE STATION AND PRECIPITATION GAGE
10J7m	SOIL MOISTURE STATION ONLY
10J7a	AERIAL MARKER ONLY
10J7p	STORAGE PRECIPITATION GAGE ONLY
x	ADJACENT DRAINAGE

DRAINAGE BASIN and SNOW COURSE			CURRENT INFORMATION			PAST RECORD	
NAME	NO.	ELEVATION	DATE OF SURVEY	SNOW DEPTH (Inches)	WATER CONTENT (Inches)	WATER CONTENT (Inches) LAST YEAR	AVERAGE a

UINTAH BASIN & DAGGETT SCD's

UINTAH BASIN SCD

Daniels-Strawberry Smt.x	11J23	8000	2/26	78	25.3	13.1	11.6
East Portal x	11J7	7560	2/28	60	18.7	10.8	8.6
Indian Canyon	10K1	9100	2/26	68	17.7	12.7	9.3
Julius Park	9J6	9800	2/28	76	19.9	9.8	9.4b
King's Cabin(lower)	9J2	8600	2/24	48	11.5	8.0	6.8
King's Cabin(upper)	9J1	8730	2/24	53	12.8	9.1	7.9
Lakefork Mountain	10J10	10500	2/27	67	16.5	10.1	9.0
Lakefork Mountain #2	10J11	8900	2/27	61	14.1	7.2	6.4
Lakefork Mountain #3	10J12	8100	2/27	55	13.2	6.6	5.4
Mosby Mountain	9J5	9500	2/28	64	16.3	7.8	7.9
Paradise Park	9J3	10100	2/28	76	19.4	8.8	9.4
Soapstone R.S. x	11J25	7800	2/28	49	14.3	11.7	10.5
Strawberry Divide x	11J8	8000	2/28	82	27.9	16.3	15.1
Trial Lake x	10J8	9800	2/28	95	29.8	20.5	20.7
White River #1	10K2	8600	2/25	56	17.5	12.2	10.8b

DAGGETT SCD

Black's Fork Jct.	10J22	8925	2/19	34	7.2	6.7	7.2b
Black's Fork G.S.-East Fk.	10J21	9300	2/19	26	6.2	6.0	7.4b
Hewinta Guard Station	10J4	9500	2/20	28	6.0	6.7	7.0b
Hickerson Park	9J8	9100	2/25	18	9.3	4.1	- -
Spirit Lake	9J7	10300	2/25	43	9.7	9.1	9.3b
Steel Creek Park	10J20	9900	2/20	48	11.9	10.7	11.8b

UINTAH BASIN - Aerial Markers

Ashley Twin Lakes A	9J11	10500	Delayed Data			- -	- -
Atwood Basin A	10J27	10250	Delayed Data			- -	- -
Buck Pasture A	10J23	9700	3/3	47	10.8	- -	- -
Chepeta-Whiterocks Lakes A	9J9	10300	Delayed Data			- -	- -
Five Point Lake A	10J26	11000	Delayed Data			- -	- -
Henry's Fork A	10J24	10200	3/3	39	8.9	- -	- -
Lakefork Basin A	10J25	11100	Delayed Data			- -	- -
Reynolds Park A	9J10	10400	Delayed Data			- -	- -
Windy Park A	9J12	9400	3/3	72	17.3	- -	- -

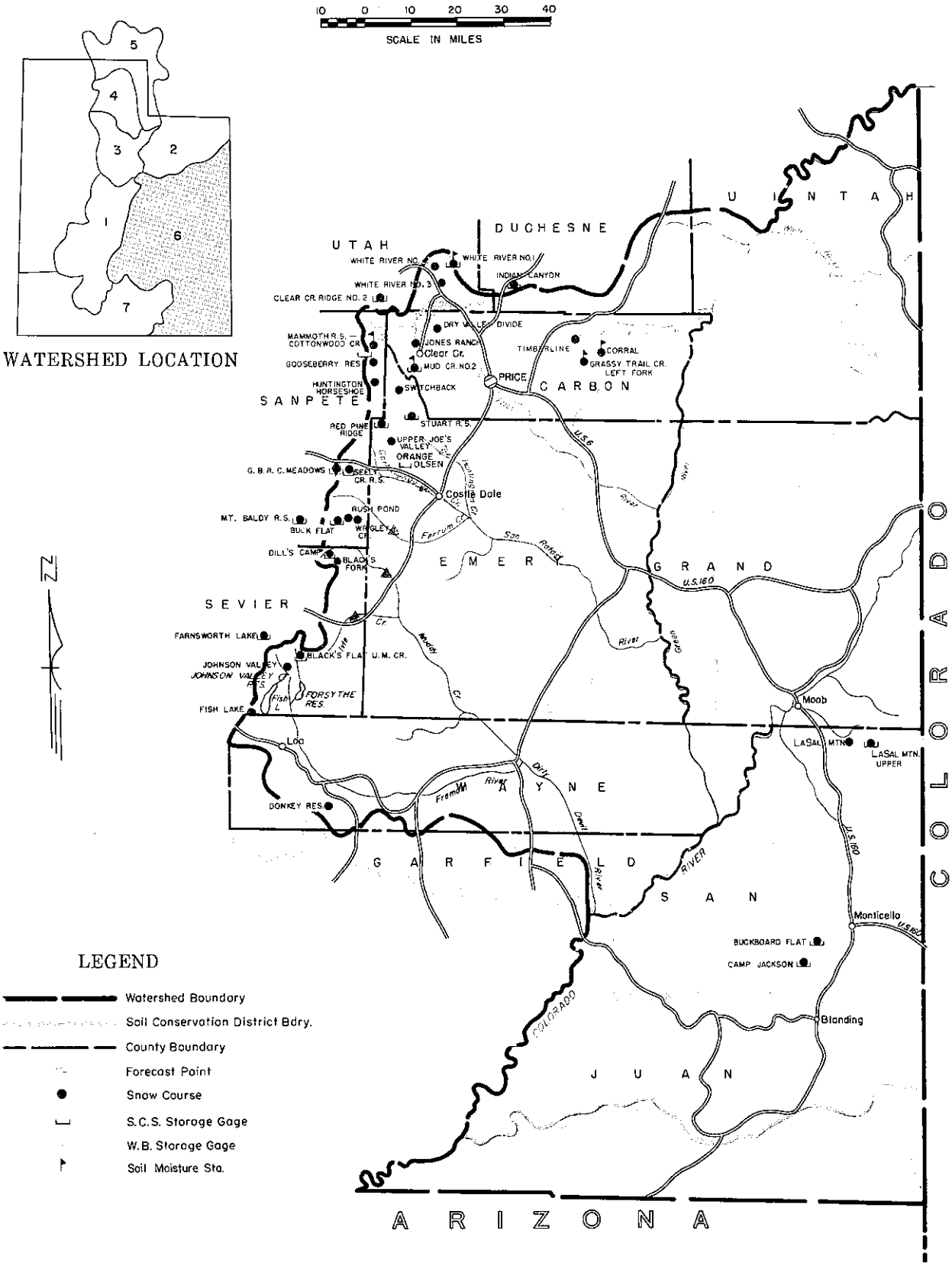
FOOTNOTES - See last page

PRECIPITATION DATA (Inches)

DRAINAGE BASIN AND RAIN GAGE LOCATION	ELEVATION	CURRENT INFORMATION			FROM APPROX. OCT. 1 TO DATE		
		DATE OF READING	MONTH'S PRECIPITATION	1953-67 AVERAGE	THIS YEAR	1953-67 AVERAGE	PERCENT OF AVERAGE
UINTAH BASIN SCD							
Daniels-Strawberry Smt.x	8000	2/26	5.54	2.90b	24.49	13.85b	177
East Portal Ridge x	7800	2/28	5.05	3.37	22.34	13.78*	162
Grizzly Ridge	8500	2/28	5.65	- -	15.70	- -	- -
Indian Canyon	9100	2/26	5.53	1.53b	16.95	10.74	158
Julius Park	9800	2/25	6.05	1.76*	17.09	9.38*	182
King's Cabin(upper)	8730	2/24	- -	- -	11.62	7.97*	146
Lakefork Mountain	10500	2/27	5.33	2.24b	15.46	9.18	168
Moon Lake	8150	2/28	2.35	1.16	9.25	6.41	144
Paradise Park	10100	2/28	6.29*	1.92	18.19	10.30	177
Soapstone R. S. x	7800	2/28	2.69	2.71b	15.87	12.13	131
Trial Lake x	9800	2/28	5.33	4.47b	27.09	17.36	156
White River #1	8600	2/25	- -	- -	10.86*	10.40*	104
DAGGETT SCD							
Black's Fork Jct.	8925	2/19	- -	- -	7.36	8.00b	92
Burnt Creek	7900	2/28	2.38	- -	6.77	- -	- -
East Fork Black's Fk. G.S.	9300	2/19	- -	- -	8.35	- -	- -
Hewinta Guard Station	9500	2/20	- -	- -	9.55	- -	- -
Hickerson Park	9100	2/24	- -	- -	5.26	- -	- -
Spirit Lake	10300	2/25	- -	- -	11.75	11.33	104
Steel Creek Park	9900	No Report		- -	- -	- -	- -

FOOTNOTES - See last page

CARBON, EMERY, WAYNE, GRAND AND SAN JUAN COUNTIES



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INDEX

NO.	STATE	NAME	SEC.	TWP.	RGE.	ELEV.
		PRICE RIVER				
10K5M	U	Corral	32	13S	14E	8,200
11K8	U	Dry Valley Divide	20	12S	8E	7,800
11K4P	U	Gooseberry Reservoir	25	13S	5E	8,700
10K3M	U	Grassy Trail Creek-Left Fork	2	14S	13E	7,970
11K5	U	Huntington-Horseshoe	12	14S	5E	9,800
10K1P	U	Indian Canyon x	2	11S	10E	9,100
11K7	U	Jones Ranch	32	12S	7E	7,600
11K3MP	U	Mammoth R.S. - Cottonwood Creek x	13 & 23	13S	5E	8,800
11K33MP	U	Mud Creek	4	14S	7E	8,300
10K6	U	Timberline	28	13S	13E	9,100
10K2MP	U	White River #1	11	10S	8E	8,550
11K24	U	White River #2	9	10S	8E	7,600
11K25	U	White River #3	30	10S	8E	7,400
		SAN RAFAEL RIVER				
11K31P	U	Buck Flat	23	19S	4E	9,400
11K4P	U	Gooseberry Reservoir	25	13S	5E	8,700
11K5	U	Huntington-Horseshoe	12	14S	5E	9,800
11K28P	U	Red Pine Ridge	5	16S	6E	9,400
11K38	U	Rush Pond	24	19S	4E	9,800
11K9	U	Seeley Creek R.S.	25	17S	4E	10,000
11K27P	U	Stuart R.S.	8 & 9	15S	7E	7,950
11K26	U	Switchback	14	14S	6E	8,600
11K29	U	Upper Joe's Valley	21	16S	6E	8,800
11K32	U	Wrigley Creek	27	19S	5E	9,000
		MUDDY RIVER				
11K14	U	Black's Fork	34	20S	4E	9,200
11K15	U	Dill's Camp	27	20S	4E	9,200
		FREMONT RIVER				
11L4P	U	Black's Flat-U.M. Creek	33	24S	3E	9,250
11L5	U	Donkey Reservoir	9	30S	4E	9,800
11L3	U	Fish Lake	35	26S	1E	8,700
11L6	U	Johnson Valley	24	25S	2E	8,850
		SOUTHEASTERN UTAH DRAINAGES				
9M1P	U	Buckboard Flat	36	33S	22E	9,000
9M2P	U	Camp Jackson	22	34S	22E	8,600
9L1	U	LaSal Mountain	5	27S	24E	8,800
9L2P	U	LaSal Mountain (upper)	3	27S	24E	9,400

LEGEND

Numbering system (example)

10J7	SNOW COURSE ONLY
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10J7M	SNOW COURSE AND SOIL MOISTURE STATION
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x	ADJACENT DRAINAGE

CARBON, EMERY, WAYNE, GRAND & SAN JUAN COUNTIES

DRAINAGE BASIN and SNOW COURSE			CURRENT INFORMATION			PAST RECORD	
NAME	NO.	ELEVATION	DATE OF SURVEY	SNOW DEPTH (Inches)	WATER CONTENT (Inches)	WATER CONTENT (Inches) LAST YEAR	WATER CONTENT (Inches) AVERAGE a
PRICE RIVER							
Corral	10K5	8200	Not measured			9.0	7.4b
Dry Valley Divide	11K8	7800	2/26	62	17.7	10.1	8.7
Gooseberry Reservoir	11K4	8700	2/26	81	26.7	16.6	14.4b
Grassy Trail Crk-Left Fk.	10K3	7970	2/27	74	19.4	9.0	14.5b
Indian Canyon x	10K1	9100	2/26	68	17.7	12.7	9.3
Jones Ranch	11K7	7600	2/26	48	13.0	7.6	5.8
Mammoth R.S.-Ctnwd.Crk. x	11K3	8800	2/26	89	29.0	16.6	14.5b
Mud Creek #2	11K33	8300	2/26	83	19.7	10.8	10.4*
Timberline	10K6	9100	Not measured			12.6	9.4b
White River #1	10K2	8600	2/25	56	17.5	12.2	10.8b
White River #2	11K24	7600	2/25	43	13.6	9.1	7.5b
White River #3	11K25	7400	2/25	42	13.3	7.7	7.1b
SAN RAFAEL RIVER							
Buck Flat	11K31	9400	3/2	72	20.7	12.6	12.7b
Gooseberry Reservoir	11K4	8700	2/26	81	26.7	16.6	14.4b
Mammoth R.S.-Ctnwd.x	11K3	8800	2/26	89	29.0	16.6	14.5b
Red Pine Ridge	12K28	9400	3/1	81	23.1	16.4	13.8b
Rush Pond	11K38	9800	3/2	68	18.7	11.4	11.4b
Seely Creek R.S.	11K9	10000	2/28	63	19.2	16.4	12.0
Upper Joe's Valley	11K29	8800	3/1	58	15.9	9.4	8.2b
Wrigley Creek	11K32	9000	3/2	58	15.7	9.9	9.0b
MUDDY RIVER							
Mt. Baldy R.S. x	11K12	9500	2/25	83	25.0	16.8	17.3
FREMONT RIVER							
Black's Flat-U.M. Creek	11L4	9250	2/24	45	12.0	9.9	7.7b
Farnsworth Lake x	11L1	9900	2/27	56	16.4	13.7	13.4b
Fish Lake	11L3	8700	2/25	37	10.1	10.3	4.7b
Johnson Valley	11L6	8850	2/24	40	9.8	7.7	4.9b
SOUTHEASTERN UTAH DRAINAGES							
Buckboard Flat	9M1	9000	2/17	43	12.9	15.4	9.8b
Camp Jackson	9M2	8600	2/18	56	17.9	15.5	9.2b
LaSal Mountain(lower)	9L1	8800	2/19	37	9.8	11.1	7.2
LaSal Mountain(upper)	9L2	9600	2/19	53	15.0	16.1	11.3b

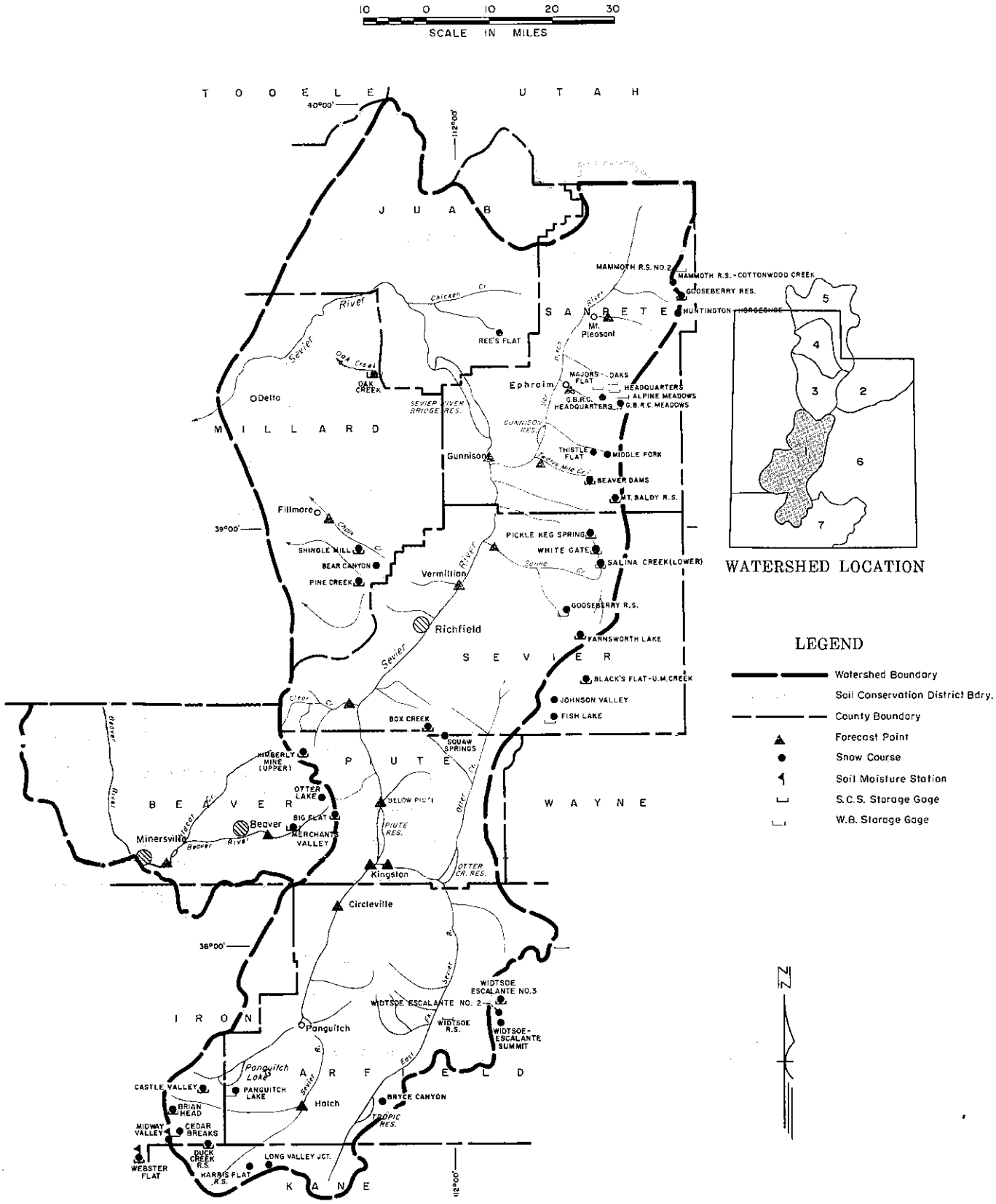
FOOTNOTES - See last page

PRECIPITATION DATA (Inches)

DRAINAGE BASIN AND RAIN GAGE LOCATION	ELEVATION	CURRENT INFORMATION			FROM APPROX. OCT. 1 TO DATE		
		DATE OF READING	MONTH'S PRECIPITATION	1953-67 AVERAGE	THIS YEAR	1953-67 AVERAGE	PERCENT OF AVERAGE
PRICE RIVER							
Clear Creek Ridge #2 x	8000	2/24	3.85	2.62b	18.20	11.59*	157
Gooseberry Reservoir	8700	2/26	6.06	3.39b	24.46	13.83	177
Indian Canyon	9100	2/26	5.53	1.53b	16.95	10.74	158
Mammoth R. S. #2	8600	2/26	6.30	3.05b	26.13	14.40	182
Mud Creek	8300	2/26	4.90	2.42*	19.70	11.31	174
White River #1	8600	2/25	- -	- -	10.86*	10.46*	104
SAN RAFAEL RIVER							
Buck Flat	9400	3/2	6.00	3.41b	20.50	12.46*	164
G.B.R.C. Meadows x	10000	2/28	6.38	4.37	22.55	16.41	137
Gooseberry Reservoir x	8700	2/26	6.06	3.39b	24.46	13.83	177
Orange Olsen	7300	3/1	- -	- -	9.70	- -	- -
Red Pine Ridge	9400	3/1	6.85	4.65b	23.00	15.15*	152
FREMONT RIVER							
Black's Flat-U.M. Creek	9250	2/24	- -	- -	11.48	8.93*	129
Farnsworth Lake x	9900	2/27	4.45	3.75b	17.07	13.52b	126
Fish Lake	8700	2/25	- -	- -	10.52	6.38b	165
SOUTHEASTERN UTAH DRAINAGES							
Buckboard Flat	9000	2/17	- -	- -	13.39	14.04b	95
Camp Jackson	8600	2/18	- -	2.19*	17.48	11.66	150
LaSal Mountain(upper)	9600	2/19	- -	- -	13.99	- -	- -

FOOTNOTES - See last page

SEVIER RIVER BASIN including BEAVER RIVER



INDEX

NO.	STATE	NAME	SEC.	TWP.	RGE.	ELEV.
		UPPER SEVIER RIVER (South of Richfield, Utah)				
12L7P	U	Big Flat x	18	29S	4W	10,290
12L4P	U	Box Creek	33	26S	2W	9,800
12M8	U	Bryce Canyon	36	36S	4W	8,000
12M13P	U	Castle Valley	22	36S	8W	9,700
12M1P	U	Cedar Breaks	2	37S	9W	10,390
12M4P	U	Duck Creek R.S.	11	38S	8W	8,560
11L3	U	Fish Lake x	35	26S	1E	8,700
12M5	U	Harris Flat	24	38S	7W	7,700
12L6P	U	Kimberly Mine	11	27S	5W	9,100
12M6	U	Long Valley Junction x	22	38S	6W	7,500
12M2M	U	Midway Valley	26	37S	9W	9,800
12M7P	U	Panguitch Lake	4 & 5	36S	7W	8,200
12L5	U	Squaw Springs	3	27S	2W	9,300
11M1	U	Widtsoe-Escalante Summit	22	34S	1W	9,500
11M2	U	Widtsoe-Escalante #2	22	34S	1W	9,500
11M3P	U	Widtsoe-Escalante #3	22	34S	1W	9,500
11M4P	U	Widtsoe R.S.	22	34S	2W	7,600
		LOWER SEVIER RIVER (Including San Pitch River)				
12L3	U	Bear Canyon	17	22S	3W	7,200
11K13P	U	Beaver Dams	27	19S	3E	8,000
11L1P	U	Farnsworth Lake	27 & 33	23S	2E	9,900
11K11P	U	G.B.R.C. Headquarters	21	17S	4E	8,700
11K10	U	G.B.R.C. Meadows	26 & 27	17S	4E	10,000
11L2	U	Gooseberry R.S.	32	23S	2E	8,400
11K4P	U	Gooseberry Reservoir x	25	13S	5E	8,700
11K5	U	Huntington-Horseshoe x	12	14S	5E	9,800
11K3MP	U	Mammoth R.S.-Cottonwood Creek	13	13S	5E	8,800
11K34	U	Middle Fork	16	18S	4E	9,600
11K12P	U	Mt. Baldy R.S.	19	19S	4E	9,500
11K2P	U	Oak Creek	9	17S	3W	7,760
12L1P	U	Pine Creek	24	22S	4W	8,700
11K36	U	Rees's Flat	24	15S	2E	7,300
12L11P	U	Shingle Mill	5	22S	3W	6,200
11K35	U	Thistle Flat	24	18S	4E	8,500
		BEAVER RIVER				
12L7P	U	Big Flat	18	29S	4W	10,290
12L9P	U	Merchant's Valley	8 & 9	29S	5W	8,200
12L8	U	Otter Lake	1	29S	5W	9,300

LEGEND

Numbering system (example)

10J7	SNOW COURSE ONLY
10J7P	SNOW COURSE AND PRECIPITATION GAGE
10J7M	SNOW COURSE AND SOIL MOISTURE STATION
10J7A	SNOW COURSE AND AERIAL MARKER
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10J7m	SOIL MOISTURE STATION ONLY
10J7a	AERIAL MARKER ONLY
10J7p	STORAGE PRECIPITATION GAGE ONLY
x	ADJACENT DRAINAGE

DRAINAGE BASIN and SNOW COURSE			CURRENT INFORMATION			PAST RECORD	
NAME	NO.	ELEVATION	DATE OF SURVEY	SNOW DEPTH (Inches)	WATER CONTENT (Inches)	WATER CONTENT (Inches) LAST YEAR	AVERAGE a

SEVIER RIVER BASIN INCLUDING BEAVER RIVER

UPPER SEVIER RIVER
(South of Richfield, Utah)

Big Flat x	12L7	10290	2/25	74	20.7	12.5	13.0
Box Creek	12L4	9800	3/3	68	18.5	11.2	9.4b
Bryce Canyon	12M8	8000	2/28	45	10.5	7.0	2.4b
Castle Valley	12M13	9700	3/3	78	23.0	13.6	9.8b
Cedar Breaks	12M1	10390	3/4	115	36.9	18.0	15.6
Duck Creek R.S.	12M4	8560	3/1	110	32.3	16.3	10.2
Fish Lake x	11L3	8700	2/25	37	10.1	10.3	4.7b
Harris Flat	12M5	7700	2/27	82	23.4	10.6	6.1
Kimberly Mine	12L6	8900	2/24	62	17.1	12.4	10.8b
Long Valley Jct. x	12M6	7500	2/27	63	18.6	6.5	2.2
Midway Valley	12M2	9800	3/1	123	39.4	20.2	16.5b
Panguitch Lake	12M7	8200	3/3	31	8.1	6.4	3.1
Squaw Springs	12L5	9300	3/3	50	13.8	7.2	5.3b
Widtsoe-Escalante Smt.	11M1	9500	2/27	40	10.0	9.8	5.3
Widtsoe-Escalante #2	11M2	9500	2/27	44	11.1	9.5	6.8
Widtsoe-Escalante #3	11M3	9500	2/27	52	13.2	12.5	8.1b

LOWER SEVIER RIVER
(Including San Pitch River)

Beaver Dams	11K13	8000	2/25	41	12.8	10.1	9.6
Farnsworth Lake	11L1	9900	2/27	56	16.4	13.7	13.4b
G.B.R.C. Headquarters	11K11	8700	2/28	68	19.8	13.2	12.7
G.B.R.C. Meadows	11K10	10000	2/28	84	26.9	17.6	18.7
Gooseberry R. S.	11L2	8400	2/27	42	12.0	9.7	8.8
Gooseberry Reservoir x	11K4	8700	2/26	81	26.7	16.6	14.4b
Mammoth R.S.-Ctnwd. Crk.	11K3	8800	2/26	89	29.0	16.6	14.5b
Mt. Baldy R.S.	11K12	9500	2/25	83	25.0	16.8	17.3
Pine Creek	12L1	8700	2/28	59	16.6	13.4	12.1b
Rees's Flat	11K36	7300	2/24	45	12.6	9.8	8.9b
Shingle Mill	12L11	6200	2/27	33	8.5	8.6	6.5b

BEAVER RIVER

Big Flat	12L7	10290	2/25	74	20.7	12.5	13.0
Merchant's Valley	12L9	8200	2/25	49	13.4	9.4	6.9
Otter Lake	12L8	9300	2/25	65	17.9	11.6	10.6

FOOTNOTES - See last page

PRECIPITATION DATA (Inches)

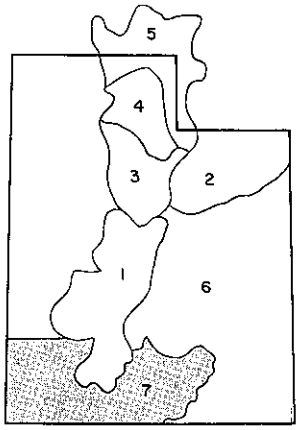
DRAINAGE BASIN AND RAIN GAGE LOCATION	ELEVATION	CURRENT INFORMATION			FROM APPROX. OCT. 1 TO DATE		
		DATE OF READING	MONTH'S PRECIPITATION	1953-67 AVERAGE	THIS YEAR	1953-67 AVERAGE	PERCENT OF AVERAGE
Beaver Dams	8000	2/25	- -	3.09*	13.30	11.30*	118
Big Flat	10290	2/25	5.05	3.63b	20.55	11.86*	173
Box Creek	9800	3/3	- -	- -	18.10	10.13b	179
Castle Valley	9700	3/3	- -	- -	21.20*	11.30b	188*
Cedar Breaks	10390	3/4	11.80	2.85	27.15	12.58	216
Duck Creek R. S.	8560	No Report		3.27b	- -	13.45*	- -
Farnsworth Lake	9900	2/27	4.45	3.75b	17.07	13.52b	126
Fish Lake	8700	2/25	- -	- -	10.52	6.38b	165
G.B.R.C. Headquarters	8700	2/28	6.05	3.66	18.65	13.77	135
G.B.R.C. Meadows	10000	2/28	6.38	4.37	22.55	16.41	137
G.B.R.C. Oaks	7655	2/28	3.46	2.61	12.49	9.52	131
Gooseberry R. S.	7800	2/27	3.30	2.87b	12.13	9.56*	127
Gooseberry Reservoir x	8700	2/26	6.06	3.39b	24.46	13.83	177
Kimberly Mine	8900	2/24	4.75	3.24*	20.20	13.08	154
Mammoth R.S. #2 x	8600	2/26	6.30	3.05b	26.13	14.40	181
Mt. Baldy	9500	2/25	- -	3.00*	18.75	12.43	151
Panguitch Lake	8200	2/28	- -	- -	9.35	5.51b	170
Pine Creek	8700	2/28	- -	- -	23.17	16.09b	144
Shingle Mill	6200	2/27	4.26	2.98*	13.92	10.58	132
Webster Flat x	9200	2/28	10.70	3.53*	27.70	14.82*	187
Widtsoe-Escalante #3	9500	2/27	5.00	2.30b	13.30	9.95b	134
Widtsoe R. S.	7600	2/27	1.77	0.68	5.00	3.78	132
Beaver Canyon P.H.	7275	2/28	4.66	- -	11.02	- -	- -
Big Flat	10290	2/25	5.05	3.63b	20.55	11.86*	173
Merchant's Valley	8200	2/25	4.33	- -	16.05	- -	- -

FOOTNOTES - See last page

EAST GARFIELD, KANE, WASHINGTON AND IRON COUNTIES

LEGEND

- Watershed Boundary
- Soil Conservation District Bdry.
- County Boundary
- Forecast Point
- Snow Course
- Aerial Snow Depth Gage
- S.C.S. Storage Gage
- W.B. Storage Gage



WATERSHED LOCATION

USDA-SCS-PORTLAND, OREG. 1988 M-7-0-16253-7

INDEX

NO.	STATE	NAME	SEC.	TWP.	RGE.	ELEV
		PARIA RIVER				
12M8	U	Bryce Canyon x	36	36S	4W	8,000
		PAROWAN CREEK				
12M16	U	Birch Crossing	23	35S	9W	8,100
12M14	U	Brian Head	10	36S	9W	10,000
12M12	U	Ed Ward Flat	17	35S	8W	8,300
12M15	U	Tall Poles	26 & 35	35S	9W	8,800
12M11P	U	Yankee Reservoir	20	35S	8W	8,700
		COAL CREEK				
12M1P	U	Cedar Breaks x	2	37S	9W	10,390
12M17	U	CSU Ranch	18	37S	9W	8,200
12M2M	U	Midway Valley x	26	37S	9W	9,800
12M10	U	Urie Flat	11	37S	10W	8,450
12M3MP	U	Webster Flat x	20	37S	9W	9,200
		ENTERPRISE TO NEW HARMONY DRAINAGES				
13M4MP	U	Little Grassy Creek	15	38S	17W	6,100
13M2MP	U	Long Flat	2	38S	14W	8,000
		ESCALANTE RIVER				
11M1	U	Widtsoe-Escalante Summit	22	34S	1W	9,500
11M2	U	Widtsoe-Escalante #2	22	34S	1W	9,500
11M3P	U	Widtsoe-Escalante #3	22	34S	1W	9,500
		VIRGIN RIVER				
12M1P	U	Cedar Breaks x	2	37S	9W	10,390
12M4P	U	Duck Creek R.S. x	11	38S	8W	8,560
12M5	U	Harris Flat x	24	38S	7W	7,700
12M6	U	Long Valley Junction	22	38S	6W	7,500
12M2M	U	Midway Valley x	26	37S	9W	9,800
12M3MP	U	Webster Flat	20	37S	9W	9,200

LEGEND

Numbering system (example)

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10J7a	AERIAL MARKER ONLY
10J7p	STORAGE PRECIPITATION GAGE ONLY
x	ADJACENT DRAINAGE

SNOW

DRAINAGE BASIN and SNOW COURSE			CURRENT INFORMATION			PAST RECORD	
NAME	NO.	ELEVATION	DATE OF SURVEY	SNOW DEPTH (Inches)	WATER CONTENT (Inches)	WATER CONTENT (Inches) LAST YEAR	AVERAGE [a]

EAST GARFIELD, KANE, WASHINGTON & IRON COUNTIES

ESCALANTE RIVER							
Widtsoe-Escalante Smt.	11M1	9500	2/27	40	10.0	9.8	5.3
Widtsoe-Escalante #2	11M2	9500	2/27	44	11.1	9.5	6.8
Widtsoe-Escalante #3	11M3	9500	2/27	52	13.2	12.5	8.1b
PARIA RIVER							
Bryce Canyon x	12M8	8000	2/28	45	10.5	7.0	2.4b
VIRGIN RIVER & COAL CREEK							
Cedar Breaks	12M1	10390	3/4	115	36.9	18.0	15.6
CSU Ranch	12M17	8200	2/25	73	19.5	8.2	- -
Duck Creek R.S.	12M4	8560	3/1	110	32.3	16.3	10.2
Harris Flat x	12M5	7000	2/27	82	23.4	10.6	6.1
Long Valley Jct.	12M6	7500	2/27	63	18.6	6.5	2.2
Midway Valley x	12M2	9800	3/1	123	39.4	20.2	16.5b
Urie Flat	12M10	8450	Delayed Data			7.8	5.6b
Webster Flat	12M3	9200	Delayed Data			15.2	12.2
PAROWAN CREEK							
Birch Crossing	12M16	8100	2/26	36	8.9	7.2	- -
Brian Head	12M14	10000	2/26	94	25.8	18.1	- -
Ed Ward Flat	12M12	8300	2/25	28	7.2	6.8	5.3b
Tall Poles	12M15	8800	2/26	64	16.3	13.0	- -
Yankee Reservoir	12M11	8700	2/25	32	8.4	8.9	6.9b
ENTERPRISE TO NEW HARMONY DRAINAGES							
Little Grassy Creek	13M4	6100	2/27	42	13.6	4.9	2.3b
Long Flat	13M2	8000	2/27	40	11.0	7.4	4.3b

FOOTNOTES - See last page

PRECIPITATION DATA (Inches)

DRAINAGE BASIN AND RAIN GAGE LOCATION	ELEVATION	CURRENT INFORMATION			FROM APPROX. OCT. 1 TO DATE		
		DATE OF READING	MONTH'S PRECIPITATION	1953-67 AVERAGE	THIS YEAR	1953-67 AVERAGE	PERCENT OF AVERAGE
ESCALANTE RIVER							
Widtsoe-Escalante #3	9500	2/27	5.00	2.30b	13.30	9.95	134
VIRGIN RIVER							
Duck Creek R. S.	8560	No Report		3.27b	- -	13.45*	- -
Webster Flat	9200	2/28	10.70	3.53b	27.70	14.82*	187
COAL CREEK							
Cedar Breaks	10390	3/4	11.80	2.85	27.15	12.58*	216
Webster Flat	9200	2/28	10.70	3.53b	27.70	14.82*	187
PAROWAN CREEK							
Tall Poles	8800	2/26	4.67	- -	15.10	- -	- -
Yankee Reservoir	8700	2/25	- -	2.13b	9.19	8.49	108
ENTERPRISE TO NEW HARMONY DRAINAGE							
Little Grassy Creek	6100	2/27	- -	- -	13.15	- -	- -
Long Flat	8000	2/27	- -	- -	12.90	8.91	145

FOOTNOTES - See last page

FOOTNOTES

(1) Data supplied by U. S. Forest Service
(2) Data supplied by U. S. Weather Bureau
(3) Data supplied by U. S. Geological Survey

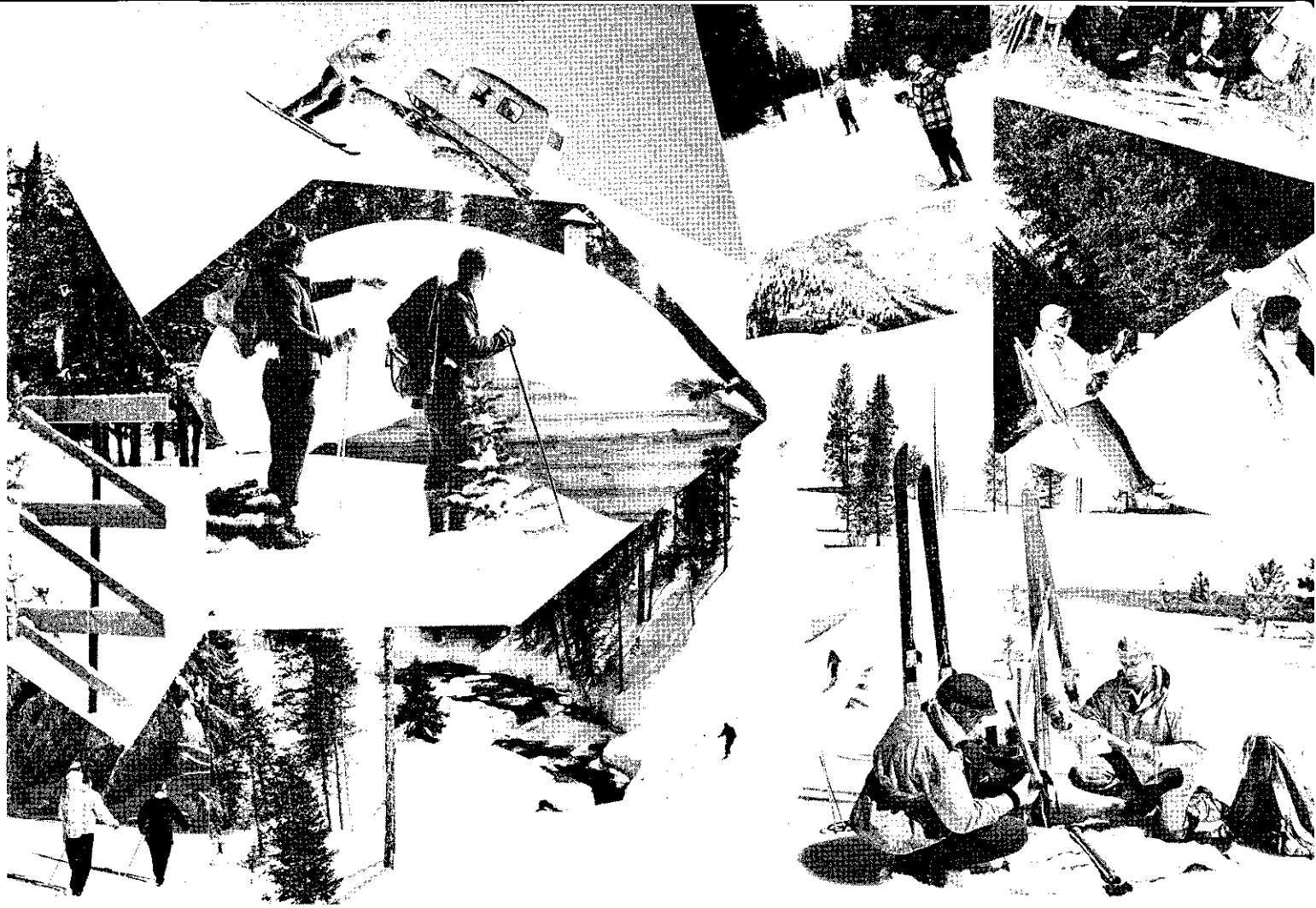
(a) 1953-67 - 15-year average period
(b) Average of all past record - less than 15 years
(c) Taken at Compromise point

(A) Aerial observation - water content estimated
(x) Adjacent drainage
* Partly estimated

The following footnotes apply only to Streamflow Forecast pages.

(1) Includes UP&L Co. tailrace and Logan, Hyde Park & Smithfield Canal.
(2) Observed flow plus change in storage in East Canyon Reservoir.
(3) Inflow record as computed by U. S. Bureau of Reclamation.
(4) Observed flow Weber River near Wanship, Utah, plus change in storage in Rockport Reservoir, plus diversion by Weber-Provo Canal.
(5) Includes diversion by Weber-Provo Canal and change in storage in Rockport Reservoir.
(6) Observed flow minus diversions thru Duchesne tunnel and Weber-Provo Canal.
(7) Observed flow plus change in storage in Deer Creek Reservoir, minus diversions thru Duchesne tunnel & Weber-Provo Canal.
(8) Change in storage plus diversion thru Strawberry tunnel.
(9) Observed flow plus change in storage in Otter Creek Reservoir.
(10) Gage is below diversions near Salina.
(11) Observed flow plus change in storage in Otter Crk & Piute Reservoirs.
(12) Observed flow at Rockyford Dam, corrected for change in storage in Minersville Reservoir.
(13) Observed flow plus diversion through Duchesne Tunnel.
(14) Observed flow plus change in storage in Moon Lake Reservoir.
(15) Observed flow plus change in storage reservoir.

(a) Runoff forecasts are based principally on mountain snow cover and on the assumption that precipitation and temperature will be near average from the present time to the end of the forecast period. Appreciable deviations from normal of temperature and/or precipitation will correspondingly modify these forecasts. The discharge data is taken from preliminary records of the U. S. Geological Survey.



WATER SUPPLY OUTLOOK FOR UTAH

and

FEDERAL - STATE - PRIVATE COOPERATIVE SNOW SURVEYS

UNITED STATES DEPARTMENT of AGRICULTURE···SOIL CONSERVATION SERVICE,

and

UTAH STATE DEPARTMENT OF NATURAL RESOURCES -- DIVISION OF WATER RIGHTS

In cooperation with U.S. Forest Service, Bureau of Reclamation, Utah Fish and Game Dept., Utah State University, U.S. National Park Service, U.S. Geological Survey; and other Federal, State, and private organizations.

AS OF

APR. 1, 1969

WATER SUPPLY OUTLOOK FOR UTAH

and

FEDERAL - STATE - PRIVATE COOPERATIVE SNOW SURVEYS

Issued by

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In Cooperation with

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Report prepared by

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FEDERAL BLDG., ROOM 4012
SALT LAKE CITY UTAH 84111

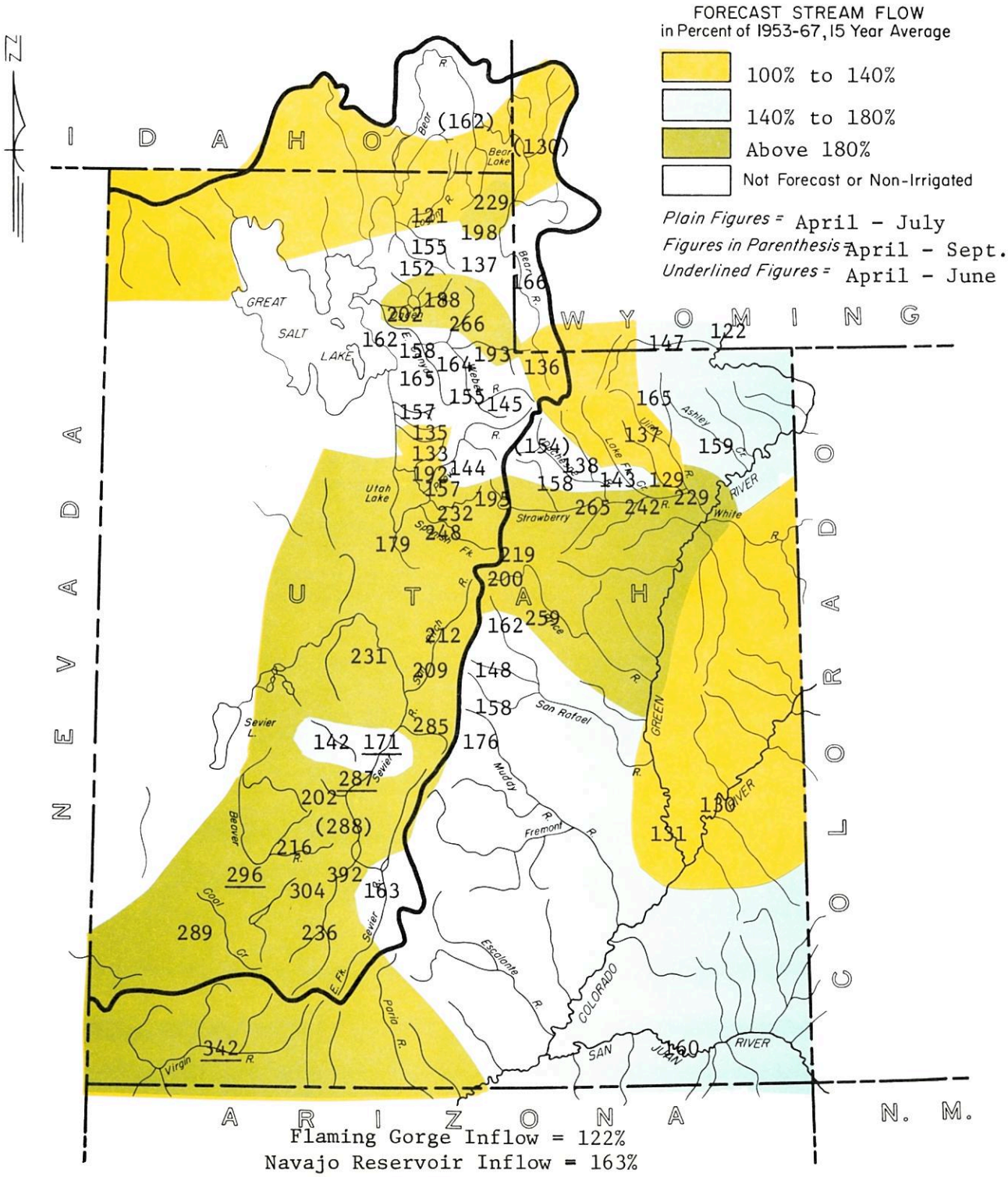
USDA-SCS-PORTLAND, OREG. 1967 M7-L-16253

PROSPECTIVE WATER SUPPLIES

Based on Snow Surveys Made on UTAH and BEAR RIVER WATERSHEDS

April 1, 1969
Approximate Date

50 0 50 100
SCALE IN MILES



Flaming Gorge Inflow = 122%
Navajo Reservoir Inflow = 163%
Lake Powell Inflow = 137%

WATER SUPPLY OUTLOOK

WATER SUPPLY OUTLOOK

APRIL 4, 1969

* *
* The water supply outlook remains good to excellent over most *
* of Utah. Streamflow forecasts range from 121% on the Logan *
* River to 392% on the Sevier at Kingston for the April-July *
* period. A cool March delayed snow melt in souther Utah *
* until late in the month when a rapid rise in temperature *
* caused flooding in the Enterprise area. Peakflow forecasts *
* indicate probable high water on other streams as heavy snow *
* cover melts. Storage in 14 of the state's principal reser- *
* voirs is 129% of average for April and 73% of useable *
* capacity. *
**** *

NORTHERN UTAH

March was dry in northern Utah with moutain precipitation stations showing well below average catches. Many snow courses showed little if any increases and some lost water during the month. Snow cover ranges from 110% to average on the Logan River to 200% on the American Fork watershed. Snow cover on the Ogden is 148% and 140% on the upper Weber. The Wasatch front watershed, near Salt Lake has dropped to about 132% of average. Spanish Fork River has 166% average snow cover and the Oquirrh Mountains above Tooele are 170% of the April 1, average.

Some reservoirs in this section of the state have been releasing water to make room for spring runoff but all are expected to refill as runoff progresses. Bear Lake now holds 1,043,800 acre feet, Hyrum 10,700, Pineview 32,920, Deer Creek 95,180, East Canyon 27,460, Echo 21,270, and Utah Lake 863,000 acre feet.

Streamflow forecasts dropped slightly and now range 121% on the Logan River to 266% on Lost Creek for the April-July period. Blacksmith Fork is expected to flow 65,000 acre feet (155%) and the Little Bear near Paradise 64,000 (152%).

Bear River near the Utah-Wyoming line is forecast to flow 144,000 (136%) and Big Creek near Randolph 9,500 (198%).

The Weber near Oakley is forecast to flow 157,000 acre feet (145%) during the April-July period and Rockport Reservoir inflow is expected to be 175,000 (155%). Pineview Reservoir inflow forecast at 202% or 190,000 acre fee and the South Fork of the Ogden is expected to flow 90,000 acre feet or 188% of average for the April-July period.

Forecast for streams in the Salt Lake area dropped and are now expected to vary from 133% of average on Little Cottonwood Creek to 162% on Farmington Creek. Parleys Creek and Big Cottonwood on Farmington Creek. Parleys Creek and Big Cottonwood are forecast at 157% and 135% respectively.

The inflow to Utah Lake is forecast to be 340,000 acre feet or 174% of average during the April-July period. Spanish Fork is expected to flow 67,000 acre feet (248%), American Fork 50,000 (192%) and the Provo below Deer Creek Dam 170,000 (157%) during the April-July period.

EASTERN UTAH

Easter Utah received less than average increases to the snow pack in March but cool temperatures allowed little snow melt until late in the month.

The snow cover now ranges from 86% on the Black's Fork and Smiths Fork Rivers on the North side of the Uintahs to 182% on the Uinta River on the South side.

The upper Strawberry basin is 164% of average and the Duchesne 145%.

Lake Fork and Ashley Creeks are 166% and 180% respectively.

The Price River has 168% of average snow water, the San Rofael 155% and the Muddy 166%. The LaSal and Blue Mountains in South Eastern Utah have 142% and 218% of average snow water for April 1.

Strawberry Reservoir now holds 156,690 acre feet or 127% average and Moon Lake has 26,760 (157%). Steinaker Reservoir has 26,490 acre feet in storage or 146% of ist April 1 average.

Scofield has 39,030 acre feet (169%) and Joe's Valley has 29,080 acre feet in storage.

Streamflow forecasts range from 129% of average for the April-July period on Yellowstone Creek to 265% on the Strawberry at Duchesne. The mean daily peak flow on this stream is expected to range from 1110-1935 c.t.s.

The Duchesne at Tobiona is forecast to flow 197,000 acre feet (158% during the April-July period and the Duchesne at Myton 355,000 acre feet (242%). Rock Creek is forecast to flow 121,000 (138%), Lake Fork 90,000 (143%), Yellowstone 76,000 (129%), Uintah 108,000 (137%), Whiterocks 84,000 (165%) and Ashley Creek 70,000 (159%).

Scofield Reservoir inflow is forecast to be 70,000 acre feet 219% during the April-July period and Price River at Heiner is expected to flow 140,000 acre feet (259%).

Huntington Creek is forecast to flow 68,000 acre feet (162%), Ferron Creek is expected to flow 54,000 acre feet (158%) and Cottonwood Creek 65,000 acre feet (148%). Muddy Creek is forecast to flow 30,000 acre feet (176%) during the April-July period.

Streams heading on the Blue and LaSal Mountains near Monticello and Moab are expected to produce higher than average flows this season.

CENTRAL AND SOUTHERN UTAH

March weather was cool and delayed snow melt in Southern Utah. Storms were spotty but added water to an already heavy snow pack over much of this part of the state and when the sudden warm weather hit about last week of the month rapid snow melt accurred causing flooding in the Enterprise area.

Snow cover now ranges from 142% of the average water content on Salina Creek to nearly 6 times average at Bryce Canyon Park Headquarters. The upper Sevier and Virgin Watersheds have almost 300% of average snow water contents and the East Fork Sevier is 207% of average. Coal Creek above Cedar City has 277% of average snow water content.

The Beaver River is 197%, Clear Creek 170%, and Chalk Creek near Fillmore 146% of average. Streams running into the San Pitch are 148-159% of average snow cover for April 1.

Reservoir Storage on the Seveir is good. Storage in Otter Creek was 48,950 acre feet on April 1, Puite held 60,340 acre feet and Sevier Bridge held 164,600 acre feet. Gunnison Reservoir is full and spilling. Minersville Reservoir is also full.

Streamflow forecasts in the Southern part of the state range from 392% on the Sevier at Kingston down to 142% on Chalk Creek near Fillmore.

The Sevier at Hatch is expected to flow 78,000 acre feet during the April-July period with a maximum mean daily peak of 815-1060 c.f.s.

The forecast for Beaver River for the April-July period is 35,000 acre feet (216%) and the inflow to Rockyford Reservoir is expected to be 15,000 acre feet During the April-June period.

The Virgin River at Virgin is expected to flow 130,000 acre feet (April-June) or 342% of average. The maximum mean daily peak flow on the Virgin is expected to be 2370-2850 c.f.s.

WATER SUPPLY OUTLOOK (continued)

Forecasts on the mainstem of the Polorado range form 122% of average for the inflow to Flaming Gorge to 137% for the inflow to Lake Powell. Navjo Reservoir inflow is expected to be 163% of average and the San Juan near Bluff is expected to flow 160% of average for the April-July period.

RESERVOIR STORAGE (1,000 Ac. Ft.)

BASIN or STREAM	RESERVOIR	USABLE CAPACITY	MEASURED (FIRST OF MONTH) THIS YEAR	LAST YEAR	AVERAGE[a]
	GREAT BASIN				
Bear River	Bear Lake	1421.0	1043.8	1128.6	895.2
	Woodruff Narrows	26.5	26.5	26.5	- -
Beaver River	Minersville (Rocky Ford)	23.3	23.5	18.5	11.9
Little Bear	Hyrum	15.3	10.7	13.6	13.1
	Porcupine	11.3	3.5	5.5	- -
Ogden	Causey	7.1	5.4	6.1	- -
	Pineview	110.1	32.9	60.9	29.9
Provo	Deer Creek	149.7	95.2	108.9	90.1
Sevier River	Gunnison	18.2	18.5	18.3	- -
	Otter Creek	52.5	49.0	35.8	27.9
	Piute	71.8	60.4	56.2	38.8
	Sevier Bridge	236.0	164.6	107.0	95.8
Spanish Fork	Strawberry	270.0	156.7	130.8	123.1
Utah Lake	Utah Lake	883.9c	863.0	795.7	600.3
Weber	East Canyon	48.1	27.5	40.1	13.7
	Echo	73.9	21.3	43.1	41.3
	Lost Creek	20.0	8.8	10.7	- -
	Rockport	60.9	26.5	44.8	24.2
	Willard Bay	193.3	115.2	144.2	- -
	COLORADO RIVER DRAINAGE				
Ashley Creek	Steinaker	33.3	26.5	29.5	- -
Colorado	Blue Mesa	829.5	346.8	347.5	- -
	Lake Powell	25002.0	7392.0	7850.0	5156.0
Green	Flaming Gorge	3749.0	1622.7	2061.0	1231.0
Lake Fork	Moon Lake	35.8	26.8	24.6	17.1
Price River	Scofield	65.8	39.0	48.5	23.1
San Rafael	Joes Valley	54.6	29.1	18.9	- -
San Juan	Navajo	1696.4	662.5	598.4	- -

FOOTNOTES - See last page

UTAH STREAMFLOW FORECASTS[a] (1,000 Ac. Ft.)

FORECAST POINT	FORECAST THIS YEAR	THIS YEAR AS PERCENT OF AVERAGE	FORECAST PERIOD	LAST YEAR	AVERAGE [a]
BEAR RIVER SYSTEM					
Bear at Harer, Idaho	365	162	Apr-Sept	231	226
Bear nr Randolph	165	229	Apr-July	125	72
Bear nr Ut-Wyo State Line	144	136	Apr-July	135	106
Bear nr Woodruff	173	166	Apr-July	154	104
Big Crk nr Randolph, Utah	9.5	198	Apr-July	2.8	4.8
Blacksmith Fork nr Hyrum	65	155	Apr-July	38	42
Little Bear nr Paradise	64	152	Apr-June	32	42
Logan nr Logan (1)	120	121	Apr-July	99	99
Smith's Fork nr Border, Wyoming	140	130	Apr-Sept	76	108
Woodruff Crk nr Woodruff, Utah	18.5	137	Apr-July	12	13.5
WEBER-OGDEN RIVERS					
Chalk Crk. at Coalville	54	193	Apr-July	46	28
East Canyon Crk. nr Morgan (2)	30	165	Apr-July	25	18.2
Hardscrabble Crk nr Porterville	22	158	Apr-July	18.2	13.9
Lost Crk. nr Croydon, Utah	33	266	Apr-July	11.4	12.4
Pineview Reservoir Inflow (3)	190	202	Apr-July	94	94
South Fork Ogden nr Huntsville	90	188	Apr-July	48	48
Rockport Reservoir Inflow (4)	175	155	Apr-July	153	113
Weber nr Coalville (5)	180	164	Apr-July	149	110
Weber nr Oakley	157	145	Apr-July	136	108
PROVO RIVER & UTAH LAKE					
American Fork nr American Fork	50	192	Apr-July	33	26
Hobble Crk. nr Springville	33	232	Apr-July	19.9	14.2
Provo nr Hailstone (6)	135	144	Apr-July	116	94
Provo below Deer Crk. Dam (7)	170	157	Apr-July	133	108
Spanish Fork at Thistle	67	248	Apr-July	46	27
Strawberry Reservoir Inflow (8)	80	195	Apr-July	60	41
Utah Lake Inflow	340	174	Apr-July	267	195
JORDAN RIVER & SALT LAKE					
Big Cottonwood nr SLC	46	135	Apr-July	38	34
Farmington Crk nr Farmington	11.0	162	Apr-July	8.5	6.8
Little Cottonwood Crk nr SLC	44	133	Apr-July	39	33
Parley's Crk nr SLC	13.8	157	Apr-July	14.2	8.8

FOOTNOTES - See last page

UTAH STREAMFLOW FORECASTS[a] (1,000 Ac. Ft.)

FORECAST POINT	FORECAST THIS YEAR	THIS YEAR AS PERCENT OF AVERAGE	FORECAST PERIOD	LAST YEAR	AVERAGE [a]
SEVIER RIVER					
Chalk Creek nr Fillmore	20	142	Apr-July	- -	14.1b
Clear Crk nr Sevier (abv. Div.)	25	202	Apr-July	- -	12.4
East Fork Sevier nr Kingston (9)	20	163	Apr-July	11.8	12.3
Antimony Crk nr Antimony	11.5	147	Apr-July	7.3	7.8b
Inflow					
Kingston to Vermillion Dam	86	287	Apr-June	- -	30 b
Vermillion Dam to Gunnison	77	171	Mar-June	- -	45 b
Salina Crk at Salina (10)	16.8	285	Apr-June	15.4	5.9*
Sevier nr Circleville	82	304	Apr-July	- -	27
Sevier nr Gunnison	74	231	Apr-July	- -	32 b
Sevier at Hatch	78	236	Apr-July	56	33
Sevier nr Kingston	60	392	Apr-July	- -	15.3
Sevier below Piute Dam (11)	72	288	Apr-July	- -	25
SAN PITCH RIVER					
Ephraim Creek nr Ephraim	29	209	Apr-July	- -	13.9b
Pleasant Crk. nr Mt. Pleasant	16.5	212	Apr-July	11.5	7.8b
Twin Crk. nr Mt. Pleasant	7.8	- -	Apr-Sept	- -	- -
BEAVER RIVER					
Beaver nr Beaver	35	216	Apr-July	30	16.2
Rockyford Reservoir Inflow (12)	15.0	306	Apr-June	- -	4.9
COAL CREEK					
Coal Crk nr Cedar City	39	289	Apr-July	22	13.5
COLORADO					
GREEN RIVER TRIBUTARIES IN UTAH					
FLAMING GORGE TO DUCHESNE RIVER					
Ashley Creek nr Vernal	70	159	Apr-July	60	44
Henry's Fork at Linwood	56	147	Apr-Sept	- -	38

FOOTNOTES - See last page

UTAH STREAMFLOW FORECASTS[a] (1,000 Ac. Ft.)

FORECAST POINT	FORECAST THIS YEAR	THIS YEAR AS PERCENT OF AVERAGE	FORECAST PERIOD	LAST YEAR	AVERAGE [a]
DUCHESNE RIVER					
Duchesne nr Hanna	80	154	Apr-Sept	39	52b
Duchesne nr Tabiona (13)	147	158	Apr-July	116	93
Lakefork below Moon Lake (14)	90	143	Apr-July	81	63
Rock Crk nr Mtn. Home	121	138	Apr-July	109	88
Strawberry at Duchesne	130	265	Apr-July	- -	49
Uinta nr Neola	108	137	Apr-July	112	79
Whiterocks nr Whiterocks	84	165	Apr-July	75	51
Yellowstone nr Altonah	76	129	Apr-July	82	59
Duchesne at Myton	355	242	Apr-July	240	147
Duchesne at Randlett	600	229	Apr-July	350	262
PRICE RIVER					
Gooseberry Crk. nr Scofield	20	200	Apr-July	11.7	10.0
Price nr Hiener (15)	140	259	Apr-July	89	54
Scofield Reservoir Inflow (15)	70	219	Apr-July	45	32
SAN RAFAEL RIVER					
Cottonwood Crk nr Orangeville	65	148	Apr-July	- -	44
Ferron Crk nr Ferron	54	158	Apr-July	39	34
Huntington Crk nr Huntington	68	162	Apr-July	63	42
MUDDY RIVER					
Muddy Creek nr Emery	30	176	Apr-July	- -	17.0b
VIRGIN RIVER					
Virgin nr Virgin	130	342	Apr-June	51	38
UPPER COLORADO BASIN					
Colorado nr Cisco, Utah (15)	3645	130	Apr-July	3653	2802
Flaming Gorge Inflow (3)	1285	122	Apr-July	1061	1054
Lake Powell Inflow (3)	8970	137	Apr-July	7247	6527
Green at Green River, Utah (15)	3361	131	Apr-July	1796	2574
San Juan nr Bluff, Utah (15)	1425	160	Apr-July	923	890
Navajo Reservoir Inflow	1010	163	Apr-July	591	619

FOOTNOTES - See last page

PEAK FLOWS (Maximum Mean Daily) (Av. flow for 24 hrs. on day of greatest flow)

FORECAST POINT	PEAK FLOW (second feet)	
	FORECAST RANGE	15-YR. AVERAGE 1953-67
NORTHERN UTAH		
Big Creek near Randolph	70 - 110	43
Big Cottonwood Creek near SLC	450 - 600	
Hobble Creek near Springville	395 - 660	180
Spanish Fork near Thistle	580 - 1070	307
So. Fork Ogden River nr Huntsville	1100 - 1560	
EASTERN UTAH		
Ferron Creek near Ferron	550 - 860	414
Muddy Creek near Emery	200 - 330	142
Strawberry River at Duchesne	1110 - 1935	558
SOUTHERN and CENTRAL UTAH		
Beaver River near Beaver	330 - 600	215
Clear Creek near Sevier	260 - 320	156b
Coal Creek near Cedar City	440 - 715	217
Salina Creek near Salina	325 - 400	133*
Sevier River at Hatch	815 - 1060	370
Sevier River at Circleville	865 - 1075	292
Sevier River at Kingston	1000 - 1100	223

LOW FLOW FORECASTS

FORECAST POINT	DATE STREAMFLOW RECEDES TO LOW FLOW VALUE*	LOW FLOW VALUE	AVERAGE DATE OF LOW FLOW VALUE
Clear Creek nr Sevier (above div.)	Aug. 13	15	July 28
Salina Creek at Salina	June 16	25	June 10
Sevier at Circleville(Circle Valley)	July 25	90	June 24
Sevier at Hatch(upper Panguitch Valley)	Aug. 20	100	July 10

PRIMARY WATER RIGHTS (Percent of)

RIVER SECTION	FORECAST THIS YEAR	AVERAGE DELIVERED DURING 15 YEARS 1953-67	FORECAST PERIOD
Sevier River			
Below Vermillion Dam	75	58	April-Sept
Circle Valley	90	66	April-Sept
Panguitch Valley	100	84	April-Sept
Sevier Valley	68	40	April-Sept

OTHER SPECIAL FORECASTS

Below Vermillion - Flow above 360 second feet - 3,000 - 4,000 acre feet not including flow added by the San Pitch River.

Inflow to Sevier Bridge reservoir from October 1 to March 31 has already exceeded 113,000 acre feet.

**Following this date, streamflow is expected to fall below "Low Flow Value" shown.*

COMPARISON of SNOW COVER

RIVER BASIN or TRIBUTARY WATERSHED	NO. of COURSES AVERAGED	THIS YEARS SNOW WATER EXPRESSED AS PERCENT OF :	
		LAST YEAR	AVERAGE [a]
BEAR RIVER			
Bear River So. of Evanston, Wyo.	4	122	124
Blacksmith Fork - Little Bear River	5	161	142
Cub River (Idaho)	2	104	102
Emigration Creek (Idaho)	2	115	132
Logan River	6	121	110
Malad River	1	171	166
Smith's Fork of Bear River (Wyo.)	5	139	122
Strawberry-Mink Creeks	3	111	123
WEBER-OGDEN RIVERS			
Chalk Creek Above Coalville	3	129	129
East Canyon Creek	3	121	132
Farmington Creek	2	118	134
Ogden River	5	162	148
Weber River Above Coalville	8	133	140
UTAH LAKE, JORDAN RIVER & TOOELE VALLEY			
American Fork River	3	178	200
Hobble Creek	2	140	177
Mt. Nebo Area	2	138	133
Provo River above Deer Creek Dam	6	144	150
Salt Lake Area	4	123	132
Spanish Fork River	5	147	166
Strawberry Reservoir Valley	3	142	164
Tooele Area	3	158	170
SEVIER RIVER			
Beaver River	3	155	197
Chalk Creek near Fillmore	2	116	146
Chicken Creek near Levan	1	127	141
Clear Creek above Sevier	1	132	170
East Fork Sevier River	5	131	207
Ephraim Creek	2	126	128
Manti Creek	2	134	148
Mt. Pleasant Area	3	141	159
Salina Creek	2	124	142
Sevier River above Panguitch	6	194	298
Twelve Mile Creek near Mayfield	2	134	149

FOOTNOTES - See last page

COMPARISON of SNOW COVER

RIVER BASIN or TRIBUTARY WATERSHED	NO. of COURSES AVERAGED	THIS YEARS SNOW WATER EXPRESSED AS PERCENT OF :	
		LAST YEAR	AVERAGE $\bar{a}$
UINTAH BASIN & NORTH SLOPE UINTAH MOUNTAINS			
Ashley-Brush Creeks	4	147	180
Black's Fork & Smith's Fork Rivers	4	89	86
Duchesne River above Tabiona	4	135	145
Henry's Fork River & Sheep Creek	5	116	121
Lakefork River	2	159	166
Strawberry River	5	155	133
Uintah-Whiterocks Rivers	4	164	182
CARBON, EMERY, WAYNE, GRAND & SAN JUAN COUNTIES			
Blue Mountains near Monticello	2	132	218
Fremont River	5	126	181
LaSal Mountains near Moab	2	98	142
Muddy River	2	122	166
Price River	7	149	168
San Rafael River	9	141	155
EAST GARFIELD, KANE, WASHINGTON & IRON COUNTIES			
Coal Creek near Cedar City	4	199	277
Escalante River	3	133	208
New Harmony to Newcastle	1	178	272
Paria River	1	189	595
Parowan Creek	3	133	168
Virgin River	4	202	297

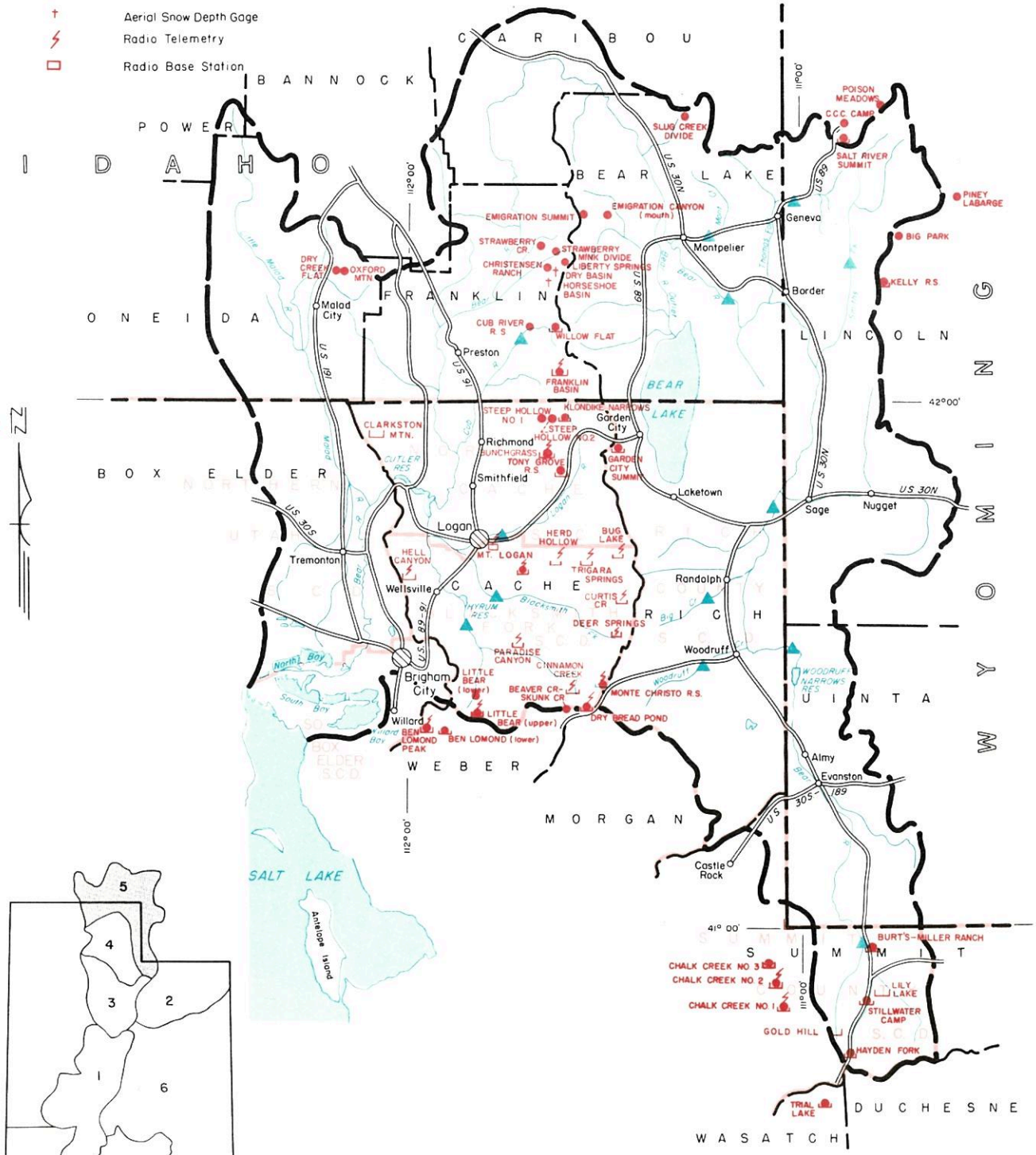
FOOTNOTES - See last page

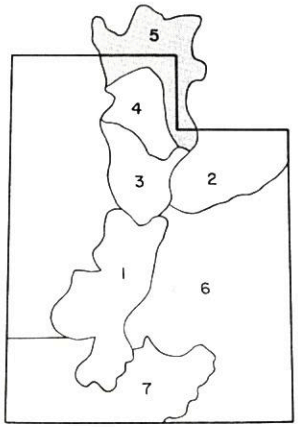
BEAR RIVER BASIN

LEGEND

- Watershed Boundary
- Soil Conservation District Bdry.
- County Boundary
- Forecast Point
- Snow Course
- S.C.S. Storage Gage
- W.B. Storage Gage
- Aerial Snow Depth Gage
- Radio Telemetry
- Radio Base Station

10 0 10 20 30
SCALE IN MILES





WATERSHED LOCATION

USDA SCS PORTLAND, OREG. 1988 N87-O-16253-5

UT-5c

INDEX

NO.	STATE	NAME	SEC.	TWP.	RGE.	ELEV.
		UPPER BEAR RIVER (above Harer, Idaho)				
10G11	W	Big Park	7	27N	117W	8,700
10J6	U	Burts-Miller Ranch	19	3N	10E	7,900
10G7	W	CCC Camp x	9	29N	118W	7,500
10J36p	U	Gold Hill	11	1N	9E	10,000
10J7	U	Hayden Fork	1	1S	9E	9,300
10G12	W	Kelly Ranger Station	13	26N	118W	8,200
10J35p	U	Lily Lake	34	2N	10E	9,300
11H12P	U	Monte Cristo R.S.	4	8N	4E	8,960
10G10	W	Piney LaBarge x	19	29N	114W	8,820
10G6	W	Poison Meadows x	29	30N	116W	8,500
10G8P	W	Salt River Summit x	32	29N	118W	7,900
10J17P	U	Stillwater Camp	32	2N	10E	8,550
		LOWER BEAR RIVER (below Harer, Idaho)				
11H14M	U	Beaver Creek-Skunk Creek	22	8N	3E	7,150
11H37p	U	Bug Lake	18	11N	5E	7,950
11H36p	U	Bunchgrass	5	13N	3E	8,400
11G11	I	Christensen Ranch	27	13S	41E	5,600
11H38p	U	Cinnamon Creek	5	8N	3E	7,300
12H1p	U	Clarkston Mtn.	29	14N	2W	6,300
11G12	I	Cub River Ranger Station	5	15S	41E	5,400
11H39p	U	Deer Springs	34	10N	4E	8,400
11G14a	I	Dry Basin	30	13S	42E	7,900
11H13MP	U	Dry Bread Pond	19	8N	4E	8,230
12G4	I	Dry Creek Flat	31	13S	37E	6,350
11G6	I	Emigrant Summit	21	12S	42E	7,350
11G7	I	Emigration Canyon (mouth)	24	12S	42E	6,500
11G8M	I	Franklin Basin	1	16S	41E	8,000
11H7MP	U	Garden City Summit	35	14N	4E	7,600
12H2p	U	Hell Canyon	24	11N	2W	6,400
11H40p	U	Herd Hollow	4	11N	3E	7,000
11G15a	I	Horseshoe Basin	31	13S	42E	8,000
11H1MP	U	Klondike Narrows	10	14N	3E	7,400
11G13	I	Liberty Springs	7	13S	42E	8,420
11H26	U	Little Bear (lower)	15	8N	1E	5,800
11H25P	U	Little Bear (upper)	22	8N	1E	6,550
11H12P	U	Monte Cristo R.S.	3	8N	4E	8,960
11H6	U	Mt. Logan	3	11N	2E	9,000
12G3	I	Oxford Mountain	32	13S	37E	6,800
11H46p	U	Paradise Canyon	36	10N	2E	7,650
11G5	I	Slug Creek Divide	15	10S	44E	7,225
11H4	U	Spring Hollow (lower)	26	12N	2E	7,000
11H5	U	Spring Hollow (upper)	35	12N	2E	8,000
11H27	U	Steep Hollow #1	7	14N	3E	8,500
11H28	U	Steep Hollow #2	9	14N	3E	7,700
11G9	I	Strawberry Creek	9	13S	41E	5,800
11G10	I	Strawberry Mink Divide	14	13S	41E	6,800
11H3M	U	Tony Grove Ranger Station	11	13N	3E	6,250
11H41p	U	Trigara Springs	29	12N	4E	7,600
11G4P	I	Willow Flat	2	15S	41E	6,100

LEGEND

Numbering system (example)

10J7	SNOW COURSE ONLY
10J7P	SNOW COURSE AND PRECIPITATION GAGE
10J7M	SNOW COURSE AND SOIL MOISTURE STATION
10J7A	SNOW COURSE AND AERIAL MARKER
10J7MA	SNOW COURSE, SOIL MOISTURE STATION AND AERIAL MARKER
10J7MP	SNOW COURSE, SOIL MOISTURE STATION AND PRECIPITATION GAGE
10J7m	SOIL MOISTURE STATION ONLY
10J7a	AERIAL MARKER ONLY
10J7p	STORAGE PRECIPITATION GAGE ONLY
x	ADJACENT DRAINAGE

SNOW

DRAINAGE BASIN and SNOW COURSE			CURRENT INFORMATION			PAST RECORD	
NAME	NO.	ELEVATION	DATE OF SURVEY	SNOW DEPTH (Inches)	WATER CONTENT (Inches)	WATER CONTENT (Inches) LAST YEAR	WATER CONTENT (Inches) AVERAGE [a]
BEAR RIVER BASIN							
UPPER BEAR RIVER (Above Harer, Idaho)							
Big Park x	10G11	8700	3/29	67	25.0	18.2	20.0
Burts-Miller Ranch	10J6	7900	3/20	25	7.3	6.3	6.1
CCC Camp x	10G7	7500	3/28	42	14.0	10.0	11.4
Hayden Fork	10J7	9300	3/20	52	17.6	15.5	15.8*
Kelly Ranger Station	10G12	8200	3/29	59	21.9	15.5	17.9
Monte Cristo R.S.	11H12	8960	3/26	71	27.1	20.7	24.7
Piney-LaBarge #2 x	10G10	8820	3/30	63	25.3	19.3	--
Poison Meadows x	10G6	8500	3/30	50	17.1	26.3	29.3
Salt River Summit	10G8	7900	3/28	51	18.1	12.6	15.2
Stillwater Camp	10J17	8550	3/20	40	12.1	9.9	11.1b
Trial Lake x	10J8	9800	3/28	82	31.4	24.0	25.0
LOWER BEAR RIVER (Below Harer, Idaho)							
Beaver Crk-Skunk Crk.	11H14	7150	3/26	52	19.3	9.8	11.0
Christensen Ranch	11G11	5600	3/31	20	7.6	9.6	7.2*
Cub River R.S.	11G12	5400	3/31	14	5.6	7.2	6.4*
Dry Bread Pond x	11H13	8230	3/26	64	24.7	14.9	17.0
Dry Creek Flat	12G4	6350	3/27	25	9.4	0.0	3.7*
Emigration Canyon	11G7	6500	3/28	35	13.1	11.6	9.6
Emigrant Summit	11G6	7700	3/28	72	29.5	25.2	22.9
Franklin Basin	11G8	8200	3/27	72	27.6	25.8	26.8
Garden City Summit	11H7	7600	3/27	55	19.8	14.0	18.1
Klondike Narrows	11H1	7400	3/27	58	23.1	18.0	19.4b
Little Bear (lower)	11H26	6100	3/25	42	15.4	8.3	7.8b
Little Bear (upper)	11H25	6850	3/25	49	18.1	10.7	10.6b
Monte Cristo R.S.	11H12	8960	3/26	71	27.1	20.7	24.7
Oxford Mountain	12G3	6800	3/27	37	12.8	7.5	7.7*
Slug Creek Divide	11G5	7225	3/28	49	18.3	15.3	15.4
Steep Hollow #1	11H27	8500	3/27	91	35.6	36.4	35.8b
Steep Hollow #2	11H28	7700	3/27	71	27.1	24.2	25.4b
Strawbeery Creek	11G9	5800	3/28	35	13.0	12.1	10.1*
Strawberry Mink Divide	11G10	6800	3/28	61	22.5	20.9	20.1*
Tony Grove R.S.	11H3	6250	3/27	31	11.5	8.3	9.4
Willow Flat	11G4	6100	3/31	34	13.4	13.1	13.4*

FOOTNOTES - See last page

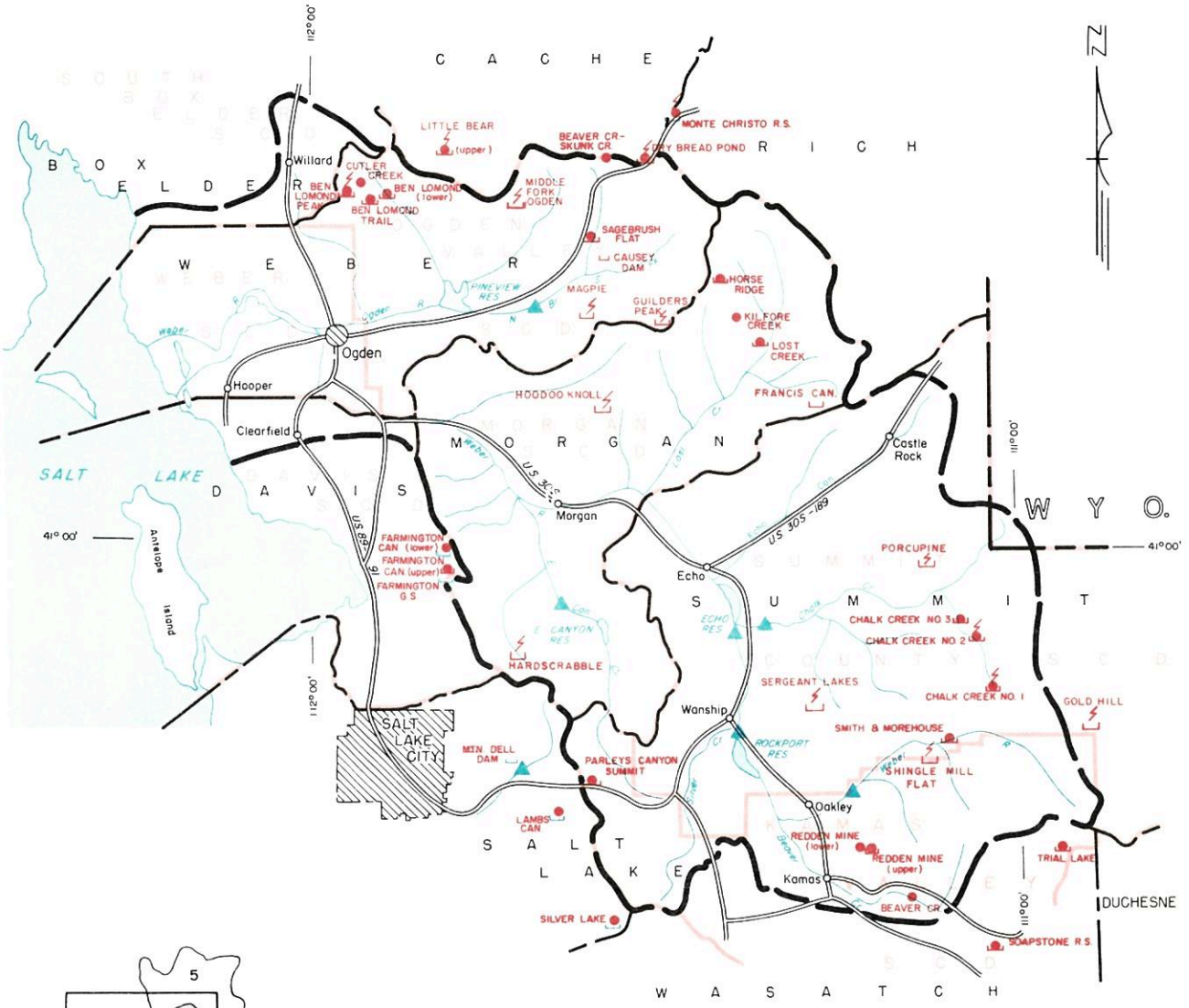
PRECIPITATION DATA (Inches)

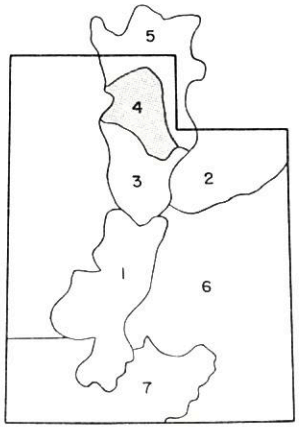
DRAINAGE BASIN AND RAIN GAGE LOCATION	ELEVATION	CURRENT INFORMATION			FROM APPROX. OCT. 1 TO DATE		
		DATE OF READING	MONTH'S PRECIPITATION	1953-67 AVERAGE	THIS YEAR	1953-67 AVERAGE	PERCENT OF AVERAGE
BEAR RIVER							
Burt's-Miller Ranch	7900	3/20	- -	- -	8.77	- -	- -
Chalk Creek # 1 x	9100	3/27	2.37	- -	- -	- -	- -
Chalk Creek # 2 x	8000	- -	- -	3.14b	- -	14.96*	- -
Chalk Creek # 3 x	7500	3/25	2.33	2.54b	14.56	12.73b	114
Dry Bread Pond	8230	3/27	0.90	3.68b	- -	19.90*	- -
Garden City Summit	7600	3/27	1.03	3.16b	19.55	17.90*	109
Hayden Fork	9300	3/20	- -	- -	20.87	- -	- -
Klondike Narrows	7400	- -	- -	3.88b	- -	23.27*	- -
Little Bear (upper)	6850	3/27	1.86	3.10b	- -	18.46*	- -
Monte Cristo # 2	8960	3/26	1.10	4.97b	30.10	24.65b	122
Sagebrush Flat x	6300	3/26	0.45	2.60b	16.14	13.36b	121
Salt River Summit	7900	3/28	0.80	2.71b	17.65	15.69*	112
Stillwater Camp	8550	3/20	- -	- -	12.75*	12.58*	101
Tony Grove R.S. (SCS)	6250	3/27	1.28	2.65b	- -	18.75b	- -
Trial Lake x	9800	3/28	1.55	3.82b	28.64	21.18*	135
Willow Flat	6100	3/31	1.30	3.63*	24.77	21.15*	117

FOOTNOTES - See last page

WEBER - OGDEN WATERSHEDS

10 0 10 20 30
SCALE IN MILES





WATERSHED LOCATION

LEGEND

- Watershed Boundary
- Soil Conservation District Bdry.
- County Boundary
- Forecast Point
- Snow Course
- S.C.S. Storage Gage
- W.B. Storage Gage
- Radio Telemetry

UT-4c

USDA SCS PORTLAND OREG. 1968 M7-O-16253-4

INDEX

NO.	STATE	NAME	SEC.	TWP.	RGE.	ELEV.
		OGDEN RIVER				
11H14M	U	Beaver Creek-Skunk Creek	22	8N	3E	7,150
11H8	U	Ben Lomond Peak	3	7N	1E	8,000
11H9P	U	Ben Lomond (lower)	1	7N	1W	5,850
11H30P	U	Ben Lomond Trail	2	7N	1W	6,000
11H35p	U	Causey Dam	34	7N	3E	5,500
11H31	U	Cutler Creek	3	7N	1W	6,780
11H13MP	U	Dry Bread Pond	19	8N	4E	8,230
11H34p	U	Guilder's Peak	21	6N	4E	8,050
11H42p	U	Magpie	29	6N	3E	7,700
11H45p	U	Middle Fork Ogden	16	7N	2E	8,420
11H12P	U	Monte Cristo R.S.	3	8N	4E	8,960
11H10	U	Mt. Ogden	5	5N	1E	8,600
11H15P	U	Sagebrush Flat	21	7N	3E	6,300
11H11P	U	Snow Basin	32	6N	1E	6,420
		WEBER RIVER				
11J24	U	Beaver Creek R.S.	28	2S	7E	7,500
11J1	U	Chalk Creek #1	4	1N	8E	9,100
11J2MP	U	Chalk Creek #2	17 & 20	2N	8E	8,000
11J3M	U	Chalk Creek #3	7	2N	8E	7,500
11J12P	U	Farmington Canyon (lower) x	14	3N	1E	6,950
11J11	U	Farmington Canyon (upper) x	26	3N	1E	8,000
11H44p	U	Francis Canyon	29	5N	6E	7,400
11J37p	U	Hardscrabble	16	2N	2E	6,500
11H43p	U	Hoodoo Knoll	22	5N	3E	8,350
11H21P	U	Horse Ridge	1	6N	4E	8,260
11H31	U	Kilfore Creek	20	6N	5E	7,300
11J14	U	Lamb's Canyon x	19	1S	3E	6,600
11H32P	U	Lost Creek	27	6N	5E	6,125
11J15P	U	Parley's Canyon Summit	9 & 10	1S	3E	7,600
11J38p	U	Porcupine	22	3N	7E	8,100
11J6	U	Reddon Mine (lower)	1	2S	6E	8,500
11J5	U	Reddon Mine (upper)	1	2S	6E	9,000
11J39p	U	Sergeant Lakes	17	1N	5E	8,400
11J40p	U	Shingle Mill Flat	15	1S	7E	9,900
11J16P	U	Silver Lake (Brighton) x	35	2S	3E	8,725
11J4P	U	Smith & Morehouse	25	1N	7E	7,600
10J8P	U	Trial Lake x	5	2S	9E	9,800

LEGEND

Numbering system (example)

10J7	SNOW COURSE ONLY
10J7P	SNOW COURSE AND PRECIPITATION GAGE
10J7M	SNOW COURSE AND SOIL MOISTURE STATION
10J7A	SNOW COURSE AND AERIAL MARKER
10J7MA	SNOW COURSE, SOIL MOISTURE STATION AND AERIAL MARKER
10J7MP	SNOW COURSE, SOIL MOISTURE STATION AND PRECIPITATION GAGE
10J7m	SOIL MOISTURE STATION ONLY
10J7a	AERIAL MARKER ONLY
10J7p	STORAGE PRECIPITATION GAGE ONLY
x	ADJACENT DRAINAGE

SNOW

DRAINAGE BASIN and SNOW COURSE			CURRENT INFORMATION			PAST RECORD	
NAME	NO.	ELEVATION	DATE OF SURVEY	SNOW DEPTH (Inches)	WATER CONTENT (Inches)	WATER CONTENT (Inches) LAST YEAR	WATER CONTENT (Inches) AVERAGE [a]

WEBER-OGDEN WATERSHEDS

OGDEN RIVER

Beaver Crk-Skunk Crk.	11H14	7150	3/26	52	19.3	9.8	11.0
Ben Lomond (lower)	11H9	5850	3/25	56	21.4	14.1	13.5b
Ben Lomond Peak	11H8	8000	3/25	121	48.6	31.2	32.2
Ben Lomond Trail	11H30	6000	3/25	64	25.1	13.2	12.0b
Cutler Creek	11H29	6780	3/25	102	40.8	22.8	23.3b
Dry Bread Pond	11H13	8230	3/26	64	24.7	14.9	17.0
Monte Cristo R.S.	11H12	8960	3/26	71	27.1	20.7	24.7
Sagebrush Flat	11H15	6300	3/26	16	6.7	0.0	1.6

WEBER RIVER

Beaver Creek R.S.	11J24	7500	3/28	32	10.5	7.6	7.7
Chalk Creek # 1	11J1	9100	3/25	82	27.9	20.2	22.4
Chalk Creek # 2	11J2	8000	3/25	57	18.3	14.3	14.4
Chalk Creek #3	11J3	7500	3/25	32	9.6	7.9	7.1*
Farmington Canyon(lower)	11J12	6950	3/24	74	27.2	23.3	21.2
Farmington Canyon(upper)	11J11	8000	3/24	94	37.0	30.7	26.3
Lamb's Canyon x	11J14	6600	3/31	48	17.6	14.4	13.7
Parley's Canyon Smt.	11J15	7500	3/31	49	19.6	19.6	17.2
Reddon Mine (lower)	11J6	8500	3/27	67	26.4	17.7	17.3
Reddon Mine (upper)	11J5	9000	3/27	71	23.6	19.3	19.0
Silver Lake x	11J16	8725	3/28	84	37.4	26.3	24.1
Smith & Morehouse	11J4	7600	3/26	51	18.6	13.7	11.9
Trial Lake x	10J8	9800	3/28	82	31.4	24.0	25.0

FOOTNOTES - See last page

PRECIPITATION DATA (Inches)

DRAINAGE BASIN AND RAIN GAGE LOCATION	ELEVATION	CURRENT INFORMATION			FROM APPROX. OCT. 1 TO DATE		
		DATE OF READING	MONTH'S PRECIPITATION	1953-67 AVERAGE	THIS YEAR	1953-67 AVERAGE	PERCENT OF AVERAGE
OGDEN RIVER							
Ben Lomond (lower)	5850	3/25	0.71	3.62b	35.94	23.47*	153
Ben Lomond Trail	6000	3/25	1.09	3.17b	39.25	24.65*	159
Causey Dam	5500	3/26	1.30	2.17b	14.56	15.63*	93
Dry Bread Pond	8230	3/26	- -	3.68b	- -	19.90*	- -
Monte Cristo # 2 x	8960	3/26	1.10	4.97b	30.10	24.65	122
Sagebrush Flat	6300	3/26	0.45	2.60b	16.14	13.36	121
WEBER RIVER							
Chalk Creek # 1	9100	- -	- -	- -	- -	- -	- -
Chalk Creek # 2	8000	- -	- -	3.14b	- -	14.96*	- -
Chalk Creek # 3	7500	3/25	2.33	2.54b	14.56	12.73b	114
Farmington Guard Sta.	7500	3/24	2.49	5.03	34.16	26.76	128
Farmington Rice	7000	3/24	2.40	4.65	33.99	24.38	139
Lost Creek Reservoir	6125	- -	- -	- -	- -	- -	- -
Mt. Dell Dam	5500	3/31	0.53	2.32	13.18	11.84	111
Parley's Canyon Smt.	7500	3/31	0.80	3.75*	26.26	19.33	136
Reddon Mine (upper)	9000	3/27	1.70	- -	30.01	- -	- -
Silver Lake (Brighton)	8725	3/31	1.50	5.04	39.09	24.15	162
Smith & Morehouse	7600	3/36	1.28	3.47b	20.48	16.45*	124
Trial Lake x	9800	3/28	1.55	3.82b	28.64	21.18	135

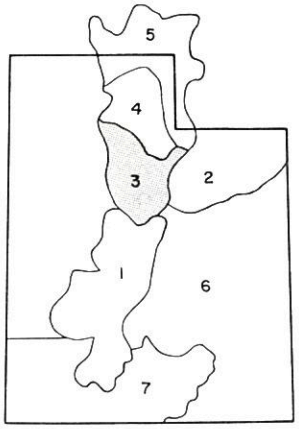
FOOTNOTES - See last page

UTAH LAKE, JORDAN RIVER AND TOOELE VALLEY WATERSHEDS

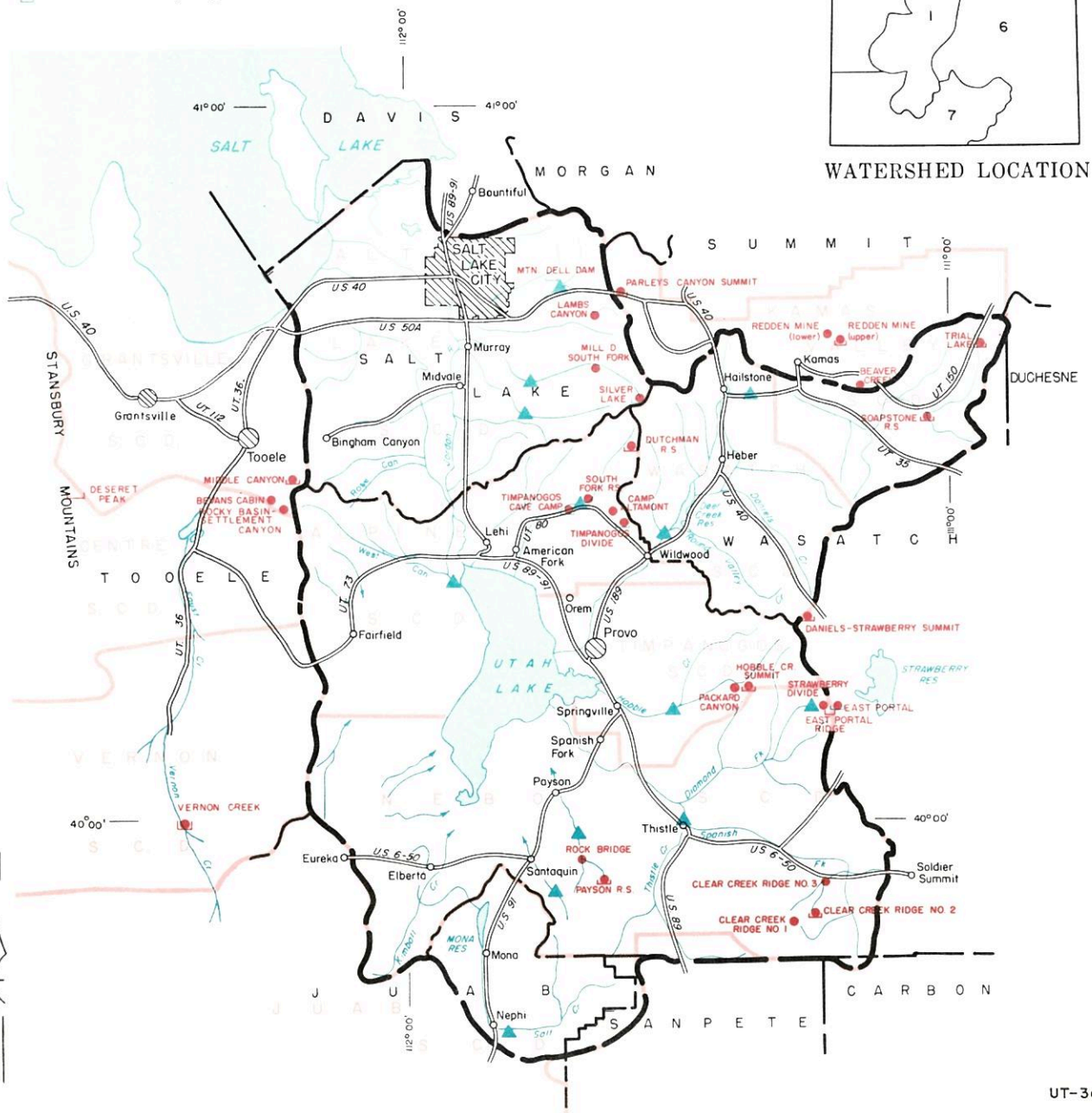
10 0 10 20 30
SCALE IN MILES

LEGEND

- Watershed Boundary
- Soil Conservation District Bdry.
- County Boundary
- Forecast Point
- Snow Course
- S.C.S. Storage Gage
- W.B. Storage Gage



WATERSHED LOCATION



USDA SCS-PORTLAND, OREG. 1968 M7-O-16253-3

UT-3c

INDEX

NO.	STATE	NAME	SEC.	TWP.	RGE.	ELEV.
		PROVO RIVER & UTAH LAKE				
11J20	U	Camp Altamont	29	4S	3E	7,300
11K21	U	Clear Creek Ridge #1	18	11S	6E	9,200
11K22P	U	Clear Creek Ridge #2	9	11S	6E	8,000
11K23	U	Clear Creek Ridge #3	27	10S	6E	6,600
11J23MP	U	Daniels-Strawberry Summit	20	2S	12W	8,000
11J17P	U	Dutchman R.S.	27	3S	3E	7,560
11J7P	U	East Portal	36	7S	6E	7,560
11J22P	U	Hobble Creek Summit	20	7S	5E	7,420
11J31	U	Packard Canyon	21	7S	5E	6,400
11K1P	U	Payson R.S.	30	10S	3E	8,050
11K2	U	Rock Bridge	14	10S	2E	6,750
11J25P	U	Soapstone R.S.	9	3S	8E	7,800
11J19	U	South Fork R.S.	24	4S	2E	6,100
11J8	U	Strawberry Divide	34 & 35	7S	6E	8,000
11J18	U	Timpanogos Cave Camp	27	4S	2E	5,500
11J21P	U	Timpanogos Divide	33	4S	3E	8,140
10J8P	U	Trial Lake	5	2S	9E	9,800
		JORDAN RIVER & GREAT SALT LAKE				
12J2	U	Bevan's Cabin	24	4S	4W	6,450
12J5p	U	Deseret Peak	15	4S	7W	9,250
11J12P	U	Farmington Canyon (lower)	14	3N	1E	6,950
11J11	U	Farmington Canyon (upper)	26	3N	1E	8,000
11J14	U	Lamb's Canyon	19	1S	3E	6,600
12J3P	U	Middle Canyon	8	4S	3W	7,000
11J10	U	Mill D South Fork	18	2S	3E	7,400
11J15P	U	Parley's Canyon Summit x	9 & 10	1S	3E	7,600
12J1	U	Rocky Basin-Settlement Canyon	30	4S	3W	8,900
11J16P	U	Silver Lake (Brighton)	35	2S	3E	8,725
12K2P	U	Vernon Creek	21	10S	5W	7,500

LEGEND

Numbering system (example)

10J7	SNOW COURSE ONLY
10J7P	SNOW COURSE AND PRECIPITATION GAGE
10J7M	SNOW COURSE AND SOIL MOISTURE STATION
10J7A	SNOW COURSE AND AERIAL MARKER
10J7MA	SNOW COURSE, SOIL MOISTURE STATION AND AERIAL MARKER
10J7MP	SNOW COURSE, SOIL MOISTURE STATION AND PRECIPITATION GAGE
10J7m	SOIL MOISTURE STATION ONLY
10J7a	AERIAL MARKER ONLY
10J7p	STORAGE PRECIPITATION GAGE ONLY
x	ADJACENT DRAINAGE

SNOW

DRAINAGE BASIN and SNOW COURSE			CURRENT INFORMATION			PAST RECORD	
						WATER CONTENT (Inches)	
NAME	NO.	ELEVATION	DATE OF SURVEY	SNOW DEPTH (Inches)	WATER CONTENT (Inches)	LAST YEAR	AVERAGE [a]

UTAH LAKE, JORDAN RIVER & TOOELE WATERSHEDS

UTAH LAKE

Beaver Creek R.S. x	11J24	7500	3/28	32	10.5	7.6	7.7
Camp Altamont	11J20	7300	3/28	70	31.1	16.2	13.3
Clear Creek Ridge #1	11K21	9200	3/24	75	27.6	18.1	17.3b
Clear Creek Ridge #2	11K22	8000	3/24	63	20.9	14.4	12.6b
Clear Creek Ridge #3	11K23	6600	3/24	39	11.9	7.4	5.2b
Daniels Strawberry Smt.	11J23	8000	3/26	58	24.4	15.5	14.0
Dutchman R.S.	11J17	7500	3/28	64	27.8	17.1	15.8
East Portal	11J7	7560	3/31	43	18.1	13.3	10.6
Hobble Creek Summit	11J22	7300	3/26	54	21.0	14.7	12.0
Packard Canyon	11J31	6400	3/26	39	14.8	10.9	8.4b
Payson R.S.	11K1	8050	3/26	63	25.4	18.2	16.6
Rock Bridge	11K2	6750	3/26	34	13.5	10.0	11.0
Soapstone	11J25	7800	3/28	40	14.0	13.1	11.9
South Fork R.S.	11J19	6100	3/27	19	7.8	7.3	2.8
Strawberry Divide	11J8	8000	3/31	63	27.1	20.5	18.4
Timpanogos Cave Camp	11J18	5500	3/27	6	2.7	0.0	1.0
Timpanogos Divide	11J21	8140	3/28	99	44.2	24.5	22.6
Trial Lake	10J8	9800	3/28	82	31.4	24.0	25.0

JORDAN RIVER & TOOELE VALLEY

Bevan's Cabin	12J2	6450	3/24	46	16.1	9.8	9.6b
Lamb's Canyon	11J14	6600	3/31	48	17.6	14.4	13.7
Middle Canyon-Tooele	12J3	7000	3/28	54	21.2	13.7	12.2b
Mill D South Fork	11J10	7400	3/28	59	24.2	18.9	18.8
Parley's Caynon Smt.	11J15	7500	3/31	49	19.6	19.7	17.2
Rockey Basin-Settlement C.	12J1	8900	3/24	103	39.9	25.8	23.6b
Silver Lake	11J16	8725	3/28	84	37.4	26.3	24.1
Vernon Creek	12K1	7500	3/31	42	18.3	9.8	----

FOOTNOTES - See last page

PRECIPITATION DATA (Inches)

DRAINAGE BASIN AND RAIN GAGE LOCATION	ELEVATION	CURRENT INFORMATION			FROM APPROX. OCT. 1 TO DATE		
		DATE OF READING	MONTH'S PRECIPITATION	1953-67 AVERAGE	THIS YEAR	1953-67 AVERAGE	PERCENT OF AVERAGE
UTAH LAKE							
Clear Creek Ridge # 2	8000	3/24	3.80	2.73b	22.00	14.32*	154
Daniels-Strawberry Smt.	8000	3/26	0.88	3.26b	25.37	17.11b	148
Dutchman R.S.	7500	3/28	0.70*	3.32b	33.15	19.26b	172
East Portal Ridge	7800	3/31	0.75	3.12	23.09	16.90*	137
Hobble Creek Smt.	7300	3/26	0.65	- -	21.30	- -	- -
Payson R.S.	8050	3/26	1.75	3.12b	24.20	16.97	143
Soapstone R.S.	7800	3/28	0.96	2.54b	16.83	14.67*	115
Timpanogos Divide	8200	3/28	2.70*	3.89	49.20*	23.78	207
Trial Lake	9800	3/28	1.55	3.82b	28.64	21.18	135
JORDAN RIVER & TOOELE VALLEY							
Middle Canyon	7000	3/28	2.40	3.56b	25.69	16.43	156
Mt. Dell Dam	5500	3/31	0.53	2.32	13.18	11.84	111
Parley's Canyon Smt.	7500	3/31	0.80	3.75*	26.26	19.33	136
Silver Lake (Brighton)	8725	3/31	1.50	5.04	39.09	24.15	162
Rockey Basin-Settlement Cy	8900	3/24	- -	- -	35.58	- -	- -
Vernon Creek	7500	3/31	1.10	- -	21.37	- -	- -

FOOTNOTES - See last page

UINTAH BASIN & DAGGETT S. C. D's.

LEGEND

- Watershed Boundary
- Sub-watershed Boundary
- Soil Conservation District Bdry.
- County Boundary
- Forecast Point
- Snow Course
- S.C.S. Storage Gage
- W.B. Storage Gage
- Aerial Snow Depth Gage
- Snow Course and Aerial Snow Depth Gage
- Soil Moisture Station
- Snow Course, Storage Gage and Soil Moisture Station
- Radio Telemetry

N

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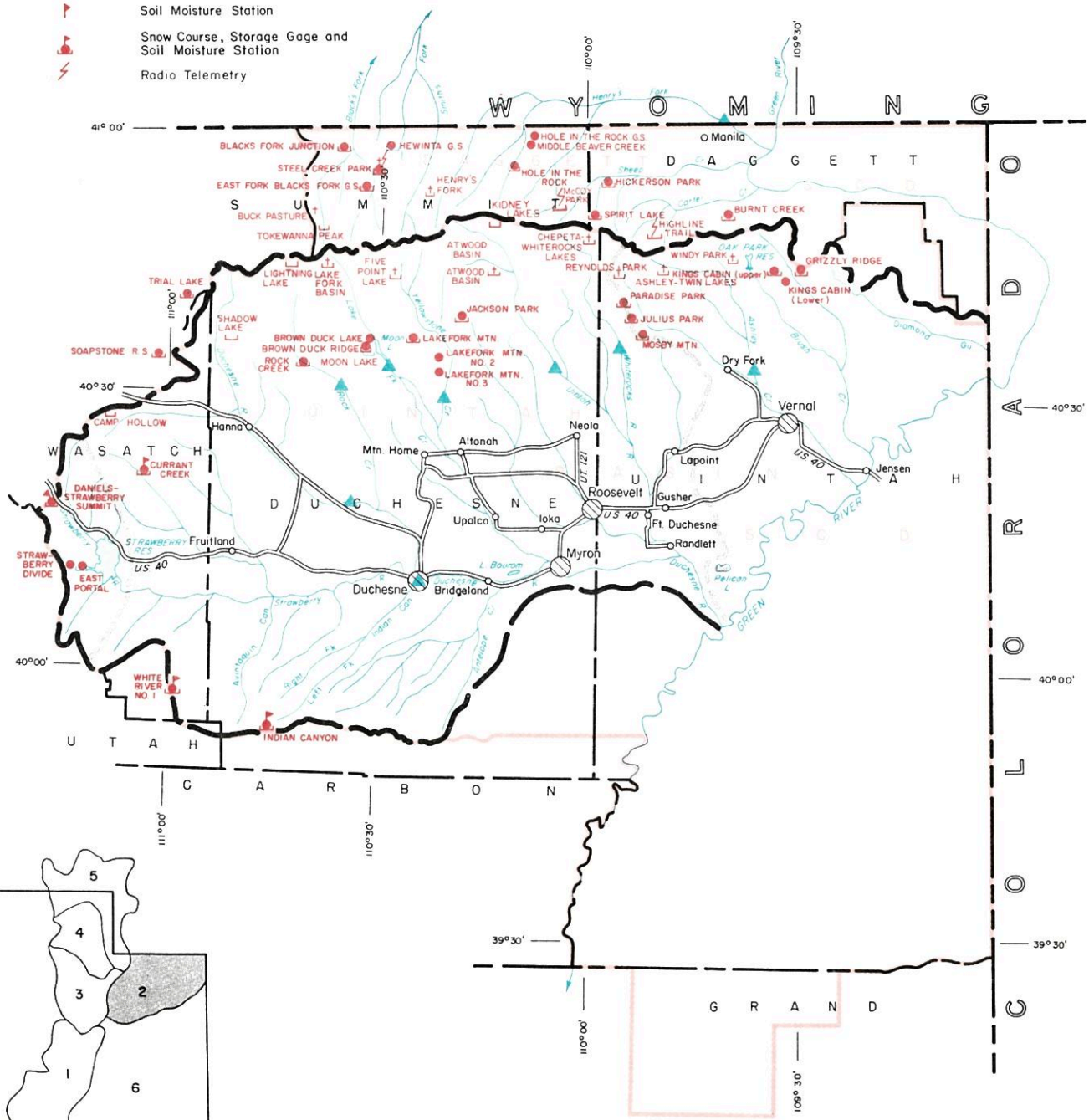
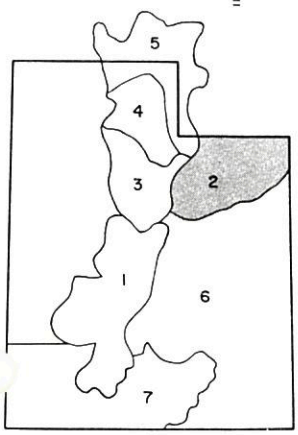
SCALE IN MILES





WATERSHED LOCATION

USDA-SCS-PORTLAND, OREG. 1968 M7-O-16253-2

UT-2c

INDEX

NO.	STATE	NAME	SEC.	TWP.	RGE.	ELEV.
		UPPER GREEN RIVER IN UTAH (above Duchesne River)				
9J11a	U	Ashley Twin Lakes	20	1S	19E	10,500
10J21P	U	Black's Fork G.S.-East Fork	25	2N	12E	9,300
10J22P	U	Black's Fork Junction	33	3N	12E	8,925
10J23a	U	Buck Pasture	14	1N	11E	9,700
10J4P	U	Hewinta G.S.	33	3N	13E	9,500
9J8	U	Hickerson Park	24	2N	17E	9,100
9J15p	U	Highline Trail	23	1N	19E	10,250
10J1	U	Hole-in-the-Rock	13	2N	15E	9,150
10J3	U	Hole-in-the-Rock G.S.	32	3N	16E	8,300
9J2	U	King's Cabin (lower)	23 & 26	1S	21E	8,600
9J1P	U	King's Cabin (upper)	22	1S	21E	8,730
10J37p	U	McCoy Park	6	1N	17E	10,680
10J2	U	Middle Beaver Creek	31	3N	16E	8,550
9J7P	U	Spirit Lake	10	1N	17E	10,300
10J20A	U	Steel Creek Park	17	2N	13E	9,900
9J12a	U	Windy Park	1	1S	20E	9,400
		DUCHESNE RIVER				
10J27a	U	Atwood Basin	21	1S	15E	10,250
10J9	U	Brown Duck Lake	2	2N	6W	10,300
9J9a	U	Chepeta-Whiterocks Lakes	3	1S	17E	10,300
11J32MP	U	Currant Creek	31	1S	10W	7,800
11J23MP	U	Daniels-Strawberry Summit x	20	2S	12W	8,000
11J7P	U	East Portal x	36	7S	6E	7,560
10J26a	U	Five Point Lake	28	4N	5W	11,000
10K1P	U	Indian Canyon	2	11S	10E	9,100
10J19	U	Jackson Park	23	3N	4W	11,300
9J6P	U	Julius Park	20	3N	1E	9,800
10J25a	U	Lakefork Basin	13	4N	7W	11,100
10J10P	U	Lakefork Mountain	2 & 3	2N	5W	10,200
10J11	U	Lakefork Mountain #2	17	2N	4W	8,900
10J12	U	Lakefork Mountain #3	29	2N	4W	8,100
9J5	U	Mosby Mountain	27	2S	18E	9,500
9J3P	U	Paradise Park	7	3N	1E	10,100
10J18P	U	Rock Creek	21	2N	7W	7,900
10J25P	U	Soapstone R.S. x	9	3S	8E	7,800
11J8	U	Strawberry Divide x	34 & 35	7S	6E	8,000
10J8P	U	Trial Lake x	5	2S	9E	9,800
10K2MP	U	White River #1 x	11	10S	8E	8,550

LEGEND

Numbering system (example)

10J7	SNOW COURSE ONLY
10J7P	SNOW COURSE AND PRECIPITATION GAGE
10J7M	SNOW COURSE AND SOIL MOISTURE STATION
10J7A	SNOW COURSE AND AERIAL MARKER
10J7MA	SNOW COURSE, SOIL MOISTURE STATION AND AERIAL MARKER
10J7MP	SNOW COURSE, SOIL MOISTURE STATION AND PRECIPITATION GAGE
10J7m	SOIL MOISTURE STATION ONLY
10J7a	AERIAL MARKER ONLY
10J7p	STORAGE PRECIPITATION GAGE ONLY
x	ADJACENT DRAINAGE

SNOW

DRAINAGE BASIN and SNOW COURSE			CURRENT INFORMATION			PAST RECORD	
NAME	NO.	ELEVATION	DATE OF SURVEY	SNOW DEPTH (Inches)	WATER CONTENT (Inches)	WATER CONTENT (Inches) LAST YEAR	AVERAGE a

UINTAH BASIN & DAGGETT SCD's

UINTAH BASIN SCD

Brown Duck Lake	10J9	10300	3/24	65	21.4	- -	16.2b
Currant Creek	11J32	7800	3/27	47	18.8	8.9	8.0b
Daniels-Strawberry Smt.x	11J23	8000	3/26	58	24.4	15.5	14.0
East Portal x	11J7	7560	3/31	43	18.1	13.3	10.6
Indian Canyon	10K1	9100	3/28	55	20.7	14.6	11.5
Jackson Park	10J19	11300	3/21	61	20.3	13.6	12.1b
Julius Park	9J6	9800	3/26	64	22.1	13.4	12.0b
King's Cabin (lower)	9J2	8600	3/19	44	14.1	11.7	8.1
King's Cabin (upper)	9J1	8730	3/19	50	16.4	13.1	9.6
Lakefork Mountain	10J10	10500	3/24	55	18.0	12.3	11.1
Lakefork Mountain # 2	10J11	8900	3/24	44	14.6	8.5	7.2
Lakefork Mountain # 3	10J12	8100	3/24	43	13.9	7.6	5.6
Mosby Mountain	9J5	9500	3/26	53	17.8	10.1	9.7
Paradise Park	9J3	10100	3/26	62	21.9	13.0	11.4
Rock Creek	10J18	7900	3/25	42	15.0	8.1	5.9b
Soapstone R.S. x	11J25	7800	3/28	40	14.0	13.1	11.9
Strawberry Divide	11J8	8000	3/31	63	27.1	20.5	18.4
Trial Lake	10J8	9800	3/28	82	31.4	24.0	25.0
White River # 1	10K2	8600	3/27	51	18.7	14.4	12.0*

DAGGETT SCD

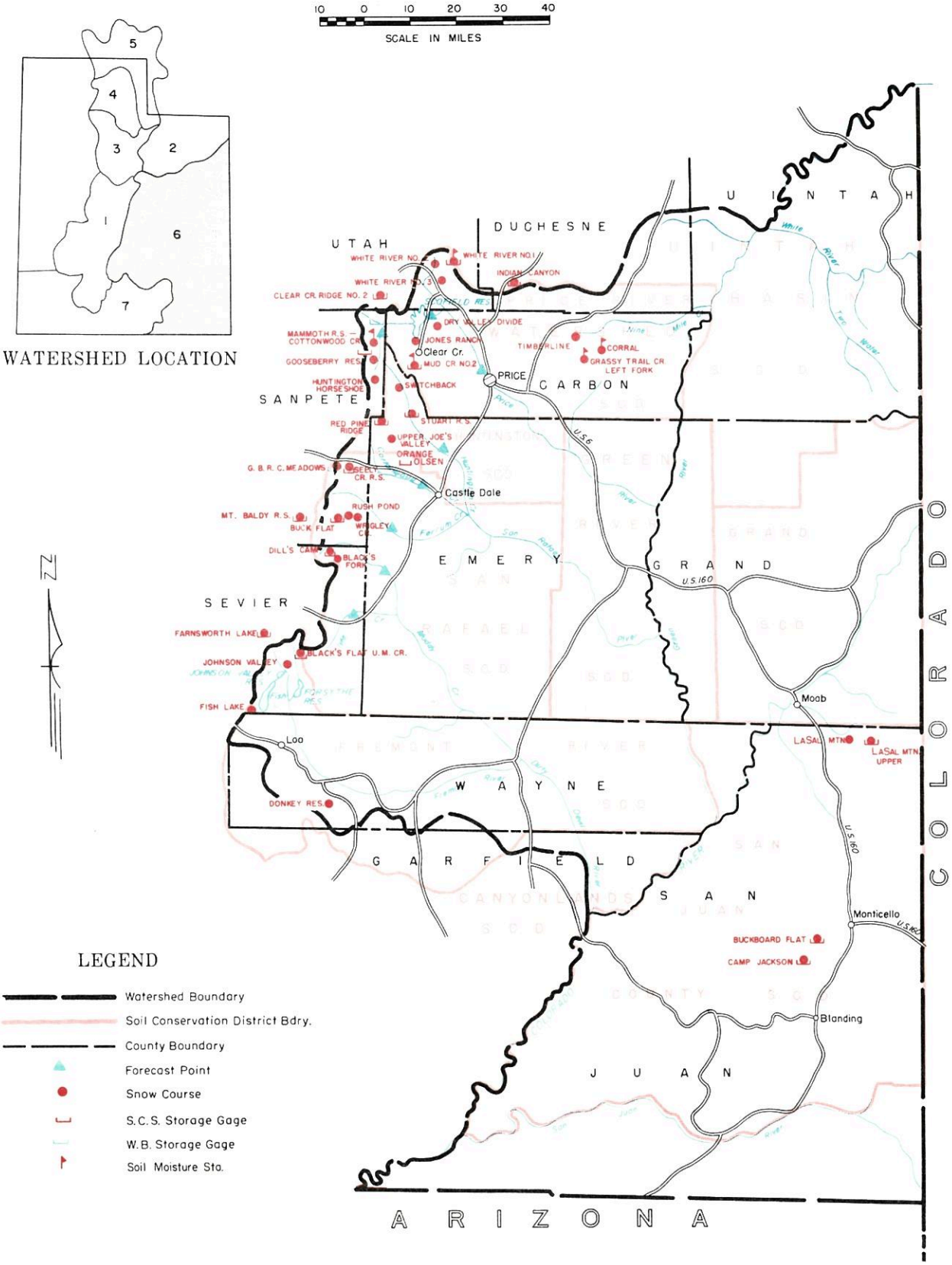
Black's Fork Jct.	10J22	8925	3/19	35	8.4	9.2	9.3b
East Fk.Black's Fk.G.S.	10J21	9300	3/19	32	7.8	9.2	9.4b
Hewinta Guard Station	10J4	9500	3/19	32	7.7	9.1	9.8*
Hickerson Park	9J8	9100	3/27	23	5.9	5.7	- -
Hole-in-the-Rock	10J1	9150	3/30	21	5.6	4.9	5.9
Hole-in-the-Rock G.S.	10J3	8300	3/30	6	2.6	2.7	1.6b
Middle Beaver Creek	10J2	8550	3/30	17	5.2	3.7	5.3b
Spirit Lake	9J7	10300	3/27	49	14.2	12.4	12.0b
Steel Creek Park	10J20	9900	3/19	52	14.0	14.5	15.3b

PRECIPITATION DATA (Inches)

DRAINAGE BASIN AND RAIN GAGE LOCATION	ELEVATION	CURRENT INFORMATION			FROM APPROX. OCT. 1 TO DATE		
		DATE OF READING	MONTH'S PRECIPITATION	1953-67 AVERAGE	THIS YEAR	1953-67 AVERAGE	PERCENT OF AVERAGE
UINTAH BASIN SCD							
Brown Duck Ridge	10800	3/26	- -	- -	22.15*	- -	- -
Currant Creek	7800	3/27	- -	- -	19.16	12.35b	155
Daniels-Strawberry Smt. x	8000	3/26	0.88	3.26b	25.37	17.11b	148
East Portal Ridge x	7800	3/31	0.75	3.12	23.09	16.90*	144
Grizzly Ridge	8500	3/27	1.75	- -	17.45	- -	- -
Indian Canyon	9100	3/28	1.62	2.32b	18.57	13.06b	142
Jackson Park	10650	3/21	- -	- -	18.30	- -	- -
Julius Park	9800	3/26	1.29	1.86b	18.38	11.24*	164
King's Cabin (upper)	8730	3/19	2.30	2.07b	13.92	10.04*	139
Lakefork Mountain	10500	3/24	1.32	1.91b	16.78	11.09b	151
Moon Lake	8150	3/31	0.60*	1.13	9.85	7.54	131
Mosby Mountain	9500	3/26	1.10	- -	17.67	- -	- -
Paradise Park	10100	3/26	0.95	2.24b	19.14	12.54b	153
Rock Creek	7900	3/25	- -	- -	13.92	10.42b	134
Soapstone R.S. x	7800	3/28	0.96	2.54b	16.83	14.67*	115
Trial Lake x	9800	3/28	1.55	3.82b	28.64	21.18b	135
White River # 1 x	8600	3/27	1.70	2.52b	12.56	12.98*	97
DAGGETT SCD							
Black's Fork Jct.	8925	3/19	1.75	2.33b	9.91	10.33b	96
Burnt Creek	7900	3/27	1.81	- -	8.58	- -	- -
E. Fk. Black's Fk.G.S.	9300	3/19	1.89	2.40b	10.24	11.06b	93
Hewinta Guard Station	9500	3/19	1.86	2.59b	11.41	11.77b	96
Hickerson Park	9100	3/19	1.63	- -	6.89	- -	- -
Spirit Lake	10300	3/27	3.28	2.65	15.03	13.98*	108
Steel Creek Park	9900	--	- -	- -	- -	- -	- -

FOOTNOTES - See last page

CARBON, EMERY, WAYNE, GRAND AND SAN JUAN COUNTIES



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NO.	STATE	NAME	SEC.	TWP.	RGE.	ELEV.
		PRICE RIVER				
10K5M	U	Corral	32	13S	14E	8,200
11K8	U	Dry Valley Divide	20	12S	8E	7,800
11K4P	U	Gooseberry Reservoir	25	13S	5E	8,700
10K3M	U	Grassy Trail Creek-Left Fork	2	14S	13E	7,970
11K5	U	Huntington-Horseshoe	12	14S	5E	9,800
10K1P	U	Indian Canyon x	2	11S	10E	9,100
11K7	U	Jones Ranch	32	12S	7E	7,600
11K3MP	U	Mammoth R.S. - Cottonwood Creek x	13 & 23	13S	5E	8,800
11K33MP	U	Mud Creek	4	14S	7E	8,300
10K6	U	Timberline	28	13S	13E	9,100
10K2MP	U	White River #1	11	10S	8E	8,550
11K24	U	White River #2	9	10S	8E	7,600
11K25	U	White River #3	30	10S	8E	7,400
		SAN RAFAEL RIVER				
11K31P	U	Buck Flat	23	19S	4E	9,400
11K4P	U	Gooseberry Reservoir	25	13S	5E	8,700
11K5	U	Huntington-Horseshoe	12	14S	5E	9,800
11K28P	U	Red Pine Ridge	5	16S	6E	9,400
11K38	U	Rush Pond	24	19S	4E	9,800
11K9	U	Seeley Creek R.S.	25	17S	4E	10,000
11K27P	U	Stuart R.S.	8 & 9	15S	7E	7,950
11K26	U	Switchback	14	14S	6E	8,600
11K29	U	Upper Joe's Valley	21	16S	6E	8,800
11K32	U	Wrigley Creek	27	19S	5E	9,000
		MUDDY RIVER				
11K14	U	Black's Fork	34	20S	4E	9,200
11K15	U	Dill's Camp	27	20S	4E	9,200
		FREMONT RIVER				
11L4P	U	Black's Flat-U.M. Creek	33	24S	3E	9,250
11L5	U	Donkey Reservoir	9	30S	4E	9,800
11L3	U	Fish Lake	35	26S	1E	8,700
11L6	U	Johnson Valley	24	25S	2E	8,850
		SOUTHEASTERN UTAH DRAINAGES				
9M1P	U	Buckboard Flat	36	33S	22E	9,000
9M2P	U	Camp Jackson	22	34S	22E	8,600
9L1	U	LaSal Mountain	5	27S	24E	8,800
9L2P	U	LaSal Mountain (upper)	3	27S	24E	9,400

LEGEND

Numbering system (example)

10J7	SNOW COURSE ONLY
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10J7p	STORAGE PRECIPITATION GAGE ONLY
x	ADJACENT DRAINAGE

SNOW

DRAINAGE BASIN and SNOW COURSE			CURRENT INFORMATION			PAST RECORD	
NAME	NO.	ELEVATION	DATE OF SURVEY	SNOW DEPTH (Inches)	WATER CONTENT (Inches)	WATER CONTENT (Inches) LAST YEAR	WATER CONTENT (Inches) AVERAGE a
CARBON, EMERY, WAYNE, GRAND, & SAN JUAN							
PRICE RIVER							
Corral	10K5	8200	3/28	47	18.0	- -	7.2b
Dry Valley Divide	11K8	7800	3/26	48	18.4	10.2	9.4
Gooseberry Reservoir	11K4	8700	3/26	75	31.0	21.5	18.1
Grassey Trail Crk-Left Fk.	10K3	7970	3/28	55	20.0	- -	19.0
Huntington-Horseshoe	11K5	9800	3/26	78	32.4	24.6	23.4
Indian Canyon x	10K1	9100	3/28	55	20.7	14.6	11.5
Jones Ranch	11K7	7600	3/26	40	15.1	4.3	4.9b
Mammoth R.S.-Ctnwd. Crk.	11K3	8800	3/26	76	31.8	21.7	19.0
Mud Creek # 2	11K33	8300	3/26	58	20.9	12.2	12.3*
Timberline	10K6	9100	3/28	68	25.9	- -	13.6b
White River # 1	10K2	8600	3/27	51	18.7	14.4	12.0
White River # 2	11K24	7600	3/27	39	14.4	8.9	7.3b
White River # 3	11K25	7400	3/27	35	13.4	5.9	6.6b
SAN RAFAEL RIVER							
Buck Flat	11K31	9400	3/24	64	23.1	15.9	15.9b
Gooseberry Reservoir x	11K4	8700	3/26	75	31.0	21.5	18.1
Huntington-Horseshoe	11K5	9800	3/26	78	32.4	24.6	23.4
Mammoth R.S.-Ctnwd.Crk. x	11K3	8800	3/26	76	31.8	21.7	19.0
Red Pine Ridge	11K28	9400	3/25	64	24.5	18.5	16.9b
Rush Pond	11K38	9800	3/24	59	20.5	13.4	13.8b
Seely Creek R.S.	11K9	10000	3/28	56	21.6	19.4	15.0
Stuart R.S.	11K27	7950	3/26	39	14.5	8.4	7.3b
Switchback	11K26	8600	3/26	63	25.0	16.5	15.3b
Upper Joe's Valley	11K29	8800	3/25	46	16.4	10.5	9.5b
Wrigley Creek	11K32	9000	3/24	52	17.6	11.9	10.6b
MUDDY & FREMONT RIVERS							
Black's Flat-U.M. Creek	11L4	9250	3/24	49	16.1	12.8	9.3b
Black's Fork	11K14	9200	3/21	55	20.6	16.7	12.9
Dill's Camp	11K15	9200	3/21	54	19.3	15.8	11.3*
Donkey Reservoir	11L5	9800	3/25	34	9.3	7.4	6.8b
Farnsworth Lake x	11L1	9900	3/27	63	22.9	19.4	17.4
Fish Lake	11L3	8700	3/24	44	14.4	11.6	5.7
Johnson Valley	11L6	8850	3/24	41	13.4	9.6	6.0b
Mt. Baldy R.S. x	11K12	9500	3/25	88	32.3	23.6	21.8
SOUTHEASTERN UTAH DRAINAGES							
Buckboard Flat	9M1	9000	3/18	62	21.2	17.6	11.4
Camp Jackson	9M2	8600	3/19	71	26.2	18.3	10.5b
LaSal Mountain	9L1	8800	3/20	38	13.4	13.9	8.7
LaSal Mountain (upper)	9L2	9600	3/20	56	20.1	21.2	15.5b

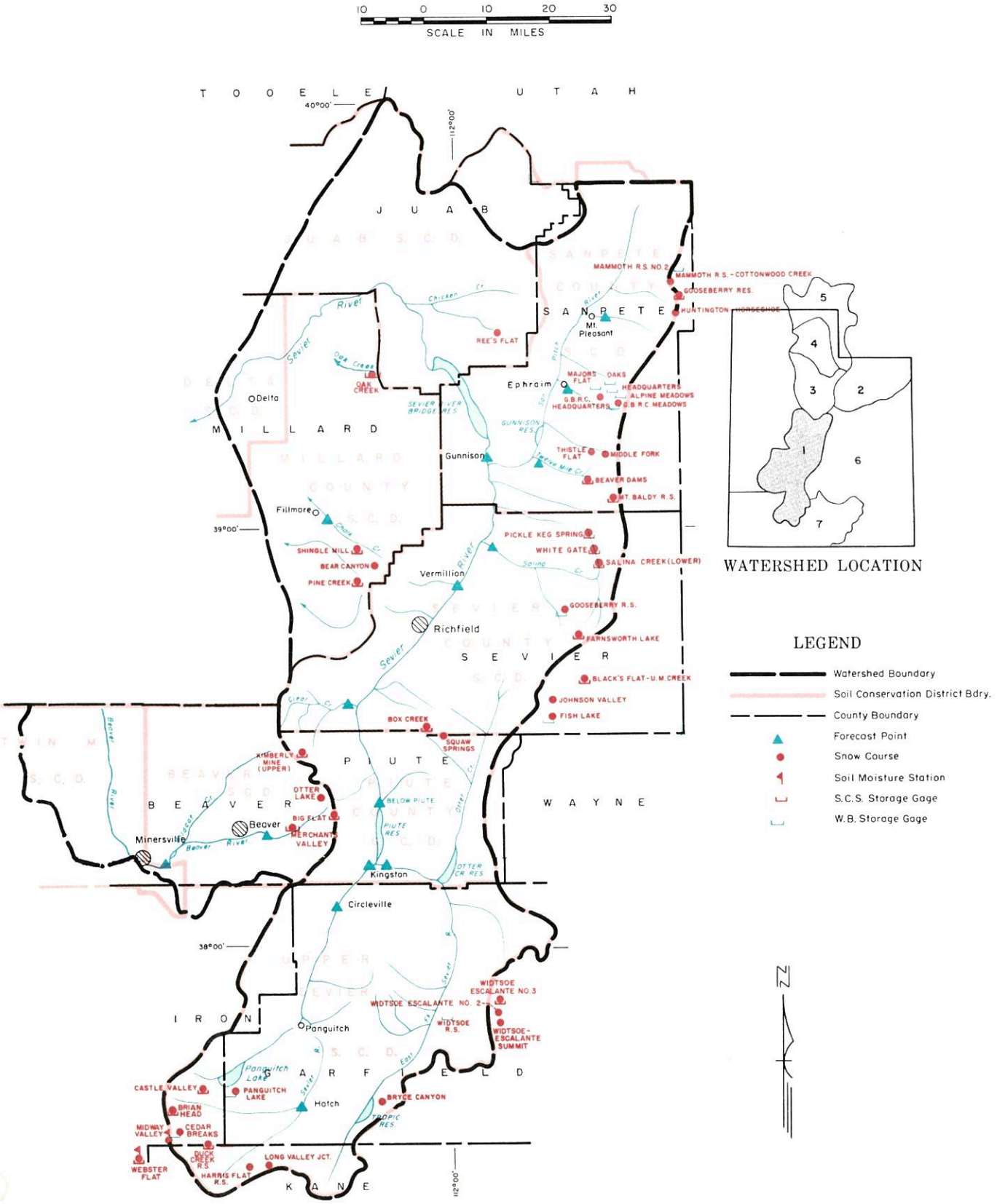
FOOTNOTES - See last page

PRECIPITATION DATA (Inches)

DRAINAGE BASIN AND RAIN GAGE LOCATION	ELEVATION	CURRENT INFORMATION			FROM APPROX. OCT. 1 TO DATE		
		DATE OF READING	MONTH'S PRECIPITATION	1953-67 AVERAGE	THIS YEAR	1953-67 AVERAGE	PERCENT OF AVERAGE
PRICE RIVER							
Clear Creek Ridge # 2	8000	3/24	3.80	2.73b	22.00	14.32*	154
Gooseberry Reservoir	8700	3/26	1.60	3.44b	26.06	17.27b	151
Indian Canyon	9100	3/28	1.62	2.32b	18.57	13.06b	142
Mammoth R.S. # 2	8600	3/26	1.66	3.83b	27.79	18.23b	152
Mud Creek	8300	3/26	1.35	2.99*	21.05	14.30*	147
White River # 1	8600	3/27	1.70	2.52b	12.56	12.98*	97
SAN RAFAEL RIVER							
Buck Flat	9400	3/24	2.70	3.69*	23.20	16.15*	144
G.B.R.C. Meadows x	10000	3/28	2.20	4.62	24.75	21.03	118
Gooseberry Reservoir x	8700	3/26	1.60	3.44b	26.06	17.27b	151
Orange Olsen	7300	3/25	0.45	- -	10.15	- -	- -
Red Pine Ridge	9400	3/25	1.50	3.83b	24.50	18.98*	129
Stuart R.S.	7950	3/26	- -	- -	15.20	11.21*	136
FREMONT & MUDDY RIVERS							
Dill's Camp	9200	3/21	- -	- -	17.70	- -	- -
Black's Flat-U.M. Crk.	9250	3/24	4.40	2.87b	15.88	11.80*	135
Farnsworth Lake x	9900	3/27	5.22	4.63b	22.29	18.15b	123
Fish Lake	8700	3/24	3.17	1.73b	13.69	8.11b	169
Widtsoe-Escalante # 3	9500	3/26	2.80	2.49b	16.10	12.44b	129
SOUTHEASTERN UTAH DRAINAGES							
Buckboard Flat	9000	3/18	8.00	2.88b	21.39	16.92b	126
Camp Jackson	8600	3/19	7.55	2.65*	25.03	14.31*	175
LaSal Mountain (upper)	9600	3/20	3.40	- -	17.39	14.56*	119

FOOTNOTES - See last page

SEVIER RIVER BASIN including BEAVER RIVER



USDA-SCS-PORTLAND, ORE. 1969 M7-O-16253-1

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INDEX

NO.	STATE	NAME	SEC.	TWP.	RGE.	ELEV.
		UPPER SEVIER RIVER (South of Richfield, Utah)				
12L7P	U	Big Flat x	18	29S	4W	10,290
12L4P	U	Box Creek	33	26S	2W	9,800
12M8	U	Bryce Canyon	36	36S	4W	8,000
12M13P	U	Castle Valley	22	36S	8W	9,700
12M1P	U	Cedar Breaks	2	37S	9W	10,390
12M4P	U	Duck Creek R.S.	11	38S	8W	8,560
11L3	U	Fish Lake x	35	26S	1E	8,700
12M5	U	Harris Flat	24	38S	7W	7,700
12L6P	U	Kimberly Mine	11	27S	5W	9,100
12M6	U	Long Valley Junction x	22	38S	6W	7,500
12M2M	U	Midway Valley	26	37S	9W	9,800
12M7P	U	Panguitch Lake	4 & 5	36S	7W	8,200
12L5	U	Squaw Springs	3	27S	2W	9,300
11M1	U	Widtsoe-Escalante Summit	22	34S	1W	9,500
11M2	U	Widtsoe-Escalante #2	22	34S	1W	9,500
11M3P	U	Widtsoe-Escalante #3	22	34S	1W	9,500
11M4P	U	Widtsoe R.S.	22	34S	2W	7,600
		LOWER SEVIER RIVER (Including San Pitch River)				
12L3	U	Bear Canyon	17	22S	3W	7,200
11K13P	U	Beaver Dams	27	19S	3E	8,000
11L1P	U	Farnsworth Lake	27 & 33	23S	2E	9,900
11K11P	U	G.B.R.C. Headquarters	21	17S	4E	8,700
11K10	U	G.B.R.C. Meadows	26 & 27	17S	4E	10,000
11L2	U	Gooseberry R.S.	32	23S	2E	8,400
11K4P	U	Gooseberry Reservoir x	25	13S	5E	8,700
11K5	U	Huntington-Horseshoe x	12	14S	5E	9,800
11K3MP	U	Mammoth R.S.-Cottonwood Creek	13	13S	5E	8,800
11K34	U	Middle Fork	16	18S	4E	9,600
11K12P	U	Mt. Baldy R.S.	19	19S	4E	9,500
11K2P	U	Oak Creek	9	17S	3W	7,760
12L1P	U	Pine Creek	24	22S	4W	8,700
11K36	U	Rees's Flat	24	15S	2E	7,300
12L11P	U	Shingle Mill	5	22S	3W	6,200
11K35	U	Thistle Flat	24	18S	4E	8,500
		BEAVER RIVER				
12L7P	U	Big Flat	18	29S	4W	10,290
12L9P	U	Merchant's Valley	8 & 9	29S	5W	8,200
12L8	U	Otter Lake	1	29S	5W	9,300

LEGEND

Numbering system (example)

10J7	SNOW COURSE ONLY
10J7P	SNOW COURSE AND PRECIPITATION GAGE
10J7M	SNOW COURSE AND SOIL MOISTURE STATION
10J7A	SNOW COURSE AND AERIAL MARKER
10J7MA	SNOW COURSE, SOIL MOISTURE STATION AND AERIAL MARKER
10J7MP	SNOW COURSE, SOIL MOISTURE STATION AND PRECIPITATION GAGE
10J7m	SOIL MOISTURE STATION ONLY
10J7a	AERIAL MARKER ONLY
10J7p	STORAGE PRECIPITATION GAGE ONLY
x	ADJACENT DRAINAGE

SNOW

DRAINAGE BASIN and SNOW COURSE			CURRENT INFORMATION			PAST RECORD	
NAME	NO.	ELEVATION	DATE OF SURVEY	SNOW DEPTH (Inches)	WATER CONTENT (Inches)	WATER CONTENT (Inches) LAST YEAR	AVERAGE [a]

SEVIER RIVER BASIN INCLUDING BEAVER RIVER

UPPER SEVIER RIVER - South of Richfield, Utah

Big Flat x	12L7	10290	3/25	77	28.5	17.7	16.9
Box Creek	12L4	9800	3/26	59	20.1	14.6	11.7b
Bryce Canyon	12M8	8000	3/28	33	11.9	6.3	2.0
Castle Valley	12M13	9700	3/27	59	24.5	14.1	11.7b
Cedar Breaks	12M1	10390	3/25	101	40.4	21.7	19.7
Duck Creek R.S.	12M4	8560	3/28	81	34.1	17.8	11.8
Fish Lake	11L3	8700	3/24	44	14.4	11.6	5.7
Harris Flat R.S.	12M5	7700	3/28	58	24.0	10.0	5.7
Kimberly Mine	12L6	8900	3/24	69	24.3	18.4	14.3
Long Valley Jct. x	12M6	7500	3/28	36	15.4	2.9	1.2
Midway Valley	12M2	9800	3/24	107	42.0	25.3	20.2b
Panguitch Lake	12M7	8200	3/27	26	10.0	4.8	2.2
Squaw Springs	12L5	9300	3/26	44	13.8	9.6	6.3b
Widtsoe-Escalante Smt.	11M1	9500	3/26	38	14.2	10.4	5.4
Widtsoe-Escalante # 2	11M2	9500	3/26	42	14.3	10.4	8.1
Widtsoe-Escalante # 3	11M3	9500	3/26	50	17.2	13.6	7.4b

LOWER SEVIER RIVER--Including San Pitch

Beaver Dams	11K13	8000	3/25	47	16.8	12.8	11.2
Farnsworth Lake	11L1	9900	3/27	63	22.9	19.4	17.4
G.B.R.C. Headquarters	11K11	8700	3/28	58	20.7	17.2	16.1
G.R.B.C. Meadows	11K10	10000	3/28	80	31.2	23.5	24.3
Gooseberry R.S.	11L2	8400	3/27	46	16.4	12.6	10.8
Gooseberry Reservoir x	11K4	8700	3/26	75	31.0	21.5	18.1
Huntington-Horseshoe	11K5	9800	3/26	78	32.4	24.6	23.4
Mammoth R.S.-Ctwd. Crk.	11K3	8800	3/26	76	31.8	21.6	19.0
Middle Fork	11K34	9600	3/24	91	35.0	25.6	22.5b
Mt. Baldy R.S.	11K12	9500	3/25	88	32.3	23.6	21.8
Oak Creek	12K2	7760	3/28	53	18.5	14.9	- -
Pickle Keg Springs	11K39	9600	4/1	51	20.4	18.0	- -
Pine Creek	12L1	8700	3/27	57	22.0	18.2	15.0
Ree's Flat	11K36	7300	3/21	49	16.9	13.3	12.0b
Salina Creek (lower)	11L8	7250	4/1	17	6.3	0.0	- -
Shingle Mill	12L11	6200	3/27	34	12.1	10.9	8.3b
Thistle Flat	11K35	8500	3/24	66	21.9	16.6	15.5b
White Gate	11L7	9350	4/1	38	15.8	12.4	- -

BEAVER RIVER

Big Flat	12L7	10290	3/25	77	28.5	17.7	16.9
Merchant Valley	12L9	8200	3/25	50	18.8	12.5	8.1
Otter Lake	12L8	9300	3/25	67	25.4	16.6	13.3

FOOTNOTES - See last page

PRECIPITATION DATA (Inches)

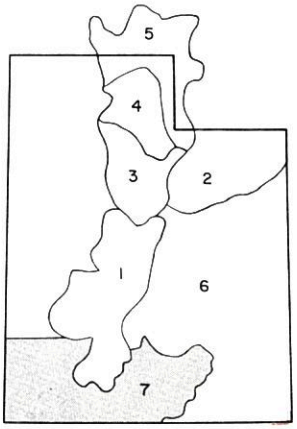
DRAINAGE BASIN AND RAIN GAGE LOCATION	ELEVATION	CURRENT INFORMATION			FROM APPROX. OCT. 1 TO DATE		
		DATE OF READING	MONTH'S PRECIPITATION	1953-67 AVERAGE	THIS YEAR	1953-67 AVERAGE	PERCENT OF AVERAGE
SEVIER RIVER							
Beaver Dams	8000	3/25	4.25	3.02b	17.55	14.32b	123
Big Flat x	10290	3/25	5.35	3.66b	25.90	15.52*	167
Box Creek	9800	3/26	1.80	3.07b	19.90	13.20b	151
Castle Valley	9700	3/27	1.65	3.19b	22.85	14.49b	158
Cedar Breaks	10390	3/25	1.10	3.05	28.25	15.63*	181
Duck Creek R.S.	8560	3/28	- -	3.20b	27.60	16.65*	166
Farnsworth Lake	9900	3/27	5.22	4.63b	22.29	18.15b	123
Fish Lake	8700	3/24	3.17	1.73b	13.69	8.11b	169
G.B.R.C. Headquarters	8700	3/28	1.40	3.80	20.05	17.57	114
G.B.R.C. Meadows	10000	3/28	2.20	4.62	24.75	21.03	118
G.B.R.C. Oaks	7655	3/28	1.72	2.53	14.21	12.05	118
Gooseberry R.S.	7800	3/27	3.45	3.03	15.58	12.59*	124
Gooseberry Reservoir x	8700	3/26	1.60	3.44b	26.06	17.27b	151
Kimberly Mine	8900	3/24	5.65	4.04*	25.85	17.12*	151
Mammoth R.S. # 2 x	8600	3/26	1.66	3.83b	27.79	18.23b	152
Mt. Baldy	9500	3/25	4.80	3.42b	23.55	15.85b	149
Oak Creek	7760	3/28	- -	- -	22.00*	- -	- -
Panguitch Lake	8200	3/27	1.60	1.29b	11.20	6.80b	165
Pickle Keg Springs	9600	4/1	- -	- -	21.21	- -	- -
Pine Creek	8700	3/27	3.55	5.65b	26.72	21.74b	123
Salina Creek (lower)	7250	4/1	- -	- -	10.10	- -	- -
Shingle Mill	6200	3/27	3.29	3.17b	17.21	13.75b	125
Webster Flat x	9200	3/24	3.90	3.13	31.60	17.95*	176
White Gate	9350	4/1	- -	- -	11.50	- -	- -
Widtsoe-Escalante # 3	9500	3/26	2.80	2.49	16.10	12.44b	129
Widtsoe R.S.	7600	3/26	1.30	0.77	6.30	4.55	138
BEAVER RIVER							
Beaver Canyon P.H.	7275	3/31	1.61	- -	12.63	- -	- -
Big Flat	10290	3/25	5.35	3.66b	25.90	15.52*	167
Merchant's Valley	8650	3/25	4.39	- -	20.44	- -	- -

FOOTNOTES - See last page

EAST GARFIELD, KANE, WASHINGTON AND IRON COUNTIES

LEGEND

- Watershed Boundary
- Soil Conservation District Bdry.
- County Boundary
- Forecast Point
- Snow Course
- Aerial Snow Depth Gage
- S.C.S. Storage Gage
- W.B. Storage Gage



WATERSHED LOCATION

USDA SCS PORTLAND OREG. 1968 M-7-O-16253-7

INDEX

NO	STATE	NAME	SEC	TWP	RGE	ELEV
		PARIA RIVER				
12M8	U	Bryce Canyon x	36	36S	4W	8,000
		PAROWAN CREEK				
12M16	U	Birch Crossing	23	35S	9W	8,100
12M14	U	Brian Head	10	36S	9W	10,000
12M12	U	Ed Ward Flat	17	35S	8W	8,300
12M15	U	Tall Poles	26 & 35	35S	9W	8,800
12M11P	U	Yankee Reservoir	20	35S	8W	8,700
		COAL CREEK				
12M1P	U	Cedar Breaks x	2	37S	9W	10,390
12M17	U	CSU Ranch	18	37S	9W	8,200
12M2M	U	Midway Valley x	26	37S	9W	9,800
12M10	U	Urie Flat	11	37S	10W	8,450
12M3MP	U	Webster Flat x	20	37S	9W	9,200
		ENTERPRISE TO NEW HARMONY DRAINAGES				
13M4MP	U	Little Grassy Creek	15	38S	17W	6,100
13M2MP	U	Long Flat	2	38S	14W	8,000
		ESCALANTE RIVER				
11M1	U	Widtsoe-Escalante Summit	22	34S	1W	9,500
11M2	U	Widtsoe-Escalante #2	22	34S	1W	9,500
11M3P	U	Widtsoe-Escalante #3	22	34S	1W	9,500
		VIRGIN RIVER				
12M1P	U	Cedar Breaks x	2	37S	9W	10,390
12M4P	U	Duck Creek R.S. x	11	38S	8W	8,560
12M5	U	Harris Flat x	24	38S	7W	7,700
12M6	U	Long Valley Junction	22	38S	6W	7,500
12M2M	U	Midway Valley x	26	37S	9W	9,800
12M3MP	U	Webster Flat	20	37S	9W	9,200

LEGEND

Numbering system (example)

10J7	SNOW COURSE ONLY
10J7P	SNOW COURSE AND PRECIPITATION GAGE
10J7M	SNOW COURSE AND SOIL MOISTURE STATION
10J7A	SNOW COURSE AND AERIAL MARKER
10J7MA	SNOW COURSE, SOIL MOISTURE STATION AND AERIAL MARKER
10J7MP	SNOW COURSE, SOIL MOISTURE STATION AND PRECIPITATION GAGE
10J7m	SOIL MOISTURE STATION ONLY
10J7a	AERIAL MARKER ONLY
10J7p	STORAGE PRECIPITATION GAGE ONLY
x	ADJACENT DRAINAGE

SNOW

DRAINAGE BASIN and SNOW COURSE			CURRENT INFORMATION			PAST RECORD	
						WATER CONTENT (Inches)	
NAME	NO.	ELEVATION	DATE OF SURVEY	SNOW DEPTH (Inches)	WATER CONTENT (Inches)	LAST YEAR	AVERAGE [a]
EAST GARFIELD, KANE, WASHINGTON & IRON							
ESCALANTE RIVER							
Widtsoe-Escalante Smt.	11M1	9500	3/26	38	14.2	10.4	5.4
Widtsoe-Escalante #2	11M2	9500	3/26	42	14.3	10.4	8.1
Widtsoe-Escalante #3	11M3	9500	3/26	50	17.2	13.6	9.4b
PARIA RIVER							
Bryce Canyon x	12M8	8000	3/28	33	11.9	6.3	2.0
VIRGIN RIVER & COAL CREEK							
CSU Ranch	12M17	8200	3/24	58	23.8	6.9	- -
Cedar Breaks	12M1	10390	3/25	101	40.4	21.7	19.7
Duck Creek R.S.	12M4	8560	3/28	81	34.1	17.8	11.8
Harris Flat x	12M5	7700	3/28	58	24.0	10.0	5.7
Long Valley Jct.	12M6	7500	3/28	36	15.4	2.9	1.2
Midway Valley x	12M2	9800	3/24	107	42.0	25.3	20.2b
Urie Flat	12M10	8450	3/24	51	21.6	9.2	5.1b
Webster Flat	12M3	9200	3/24	92	38.1	18.2	14.1
PAROWAN CREEK							
Birch Crossing	12M16	8100	3/27	29	10.3	7.2	- -
Brian Head	12M14	10400	3/25	82	30.2	22.7	- -
Ed Ward Flat	12M12	8300	3/25	34	10.8	9.4	6.5
Tall Poles	12M15	8800	3/25	55	19.0	15.8	- -
Yankee Reservoir	12M11	8700	3/25	40	12.2	12.4	9.1
ENTERPRISE TO NEW HARMONY DRAINAGES							
Little Grassy Creek	13M4	6100	3/26	30	12.1	0.0	0.4b
Long Flat	13M2	8000	3/26	37	13.9	7.8	5.1b

FOOTNOTES - See last page

PRECIPITATION DATA (Inches)

DRAINAGE BASIN AND RAIN GAGE LOCATION	ELEVATION	CURRENT INFORMATION			FROM APPROX. OCT. 1 TO DATE		
		DATE OF READING	MONTH'S PRECIPITATION	1953-67 AVERAGE	THIS YEAR	1953-67 AVERAGE	PERCENT OF AVERAGE
ESCALANTE RIVER							
Widtsoe Escalante # 3	9500	3/26	2.80	2.49b	16.10	12.44b	129
VIRGIN RIVER							
Duck Creek R.S.	8560	3/28	- -	3.20b	31.00	16.65*	190
Webster Flat	9200	3/24	3.90	3.13*	31.60	17.95*	176
COAL CREEK							
Cedar Breaks	10390	3/25	1.10	3.05	28.25	15.63*	181
Webster Flat x	9200	3/24	3.90	3.13*	31.60	17.95*	176
PAROWAN CREEK							
Tall Poles	8800	3/25	3.49	- -	18.59	- -	- -
Yankee Reservoir	8700	3/25	4.35	2.84b	13.54	11.33b	120
ENTERPRISE TO NEW HARMONY DRAINAGE							
Little Grassy Creek	6100	3/26	1.40	2.19b	14.55	11.68*	124
Long Flat	8000	3/26	3.50	2.65b	16.40	11.56b	142

FOOTNOTES - See last page

FOOTNOTES

(1) Data supplied by U. S. Forest Service
(2) Data supplied by U. S. Weather Bureau
(3) Data supplied by U. S. Geological Survey

(a) 1953-67 - 15-year average period
(b) Average of all past record - less than 15 years
(c) Taken at Compromise point

(A) Aerial observation - water content estimated
(x) Adjacent drainage
* Partly estimated

The following footnotes apply only to Streamflow Forecast pages.

(1) Includes UP&L Co. tailrace and Logan, Hyde Park & Smithfield Canal.
(2) Observed flow plus change in storage in East Canyon Reservoir.
(3) Inflow record as computed by U. S. Bureau of Reclamation.
(4) Observed flow Weber River near Wanship, Utah, plus change in storage in Rockport Reservoir, plus diversion by Weber-Provo Canal.
(5) Includes diversion by Weber-Provo Canal and change in storage in Rockport Reservoir.
(6) Observed flow minus diversions thru Duchesne tunnel and Weber-Provo Canal.
(7) Observed flow plus change in storage in Deer Creek Reservoir, minus diversions thru Duchesne tunnel & Weber-Provo Canal.
(8) Change in storage plus diversion thru Strawberry tunnel.
(9) Observed flow plus change in storage in Otter Creek Reservoir.
(10) Gage is below diversions near Salina.
(11) Observed flow plus change in storage in Otter Crk & Piute Reservoirs.
(12) Observed flow at Rockyford Dam, corrected for change in storage in Minersville Reservoir.
(13) Observed flow plus diversion through Duchesne Tunnel.
(14) Observed flow plus change in storage in Moon Lake Reservoir.
(15) Observed flow plus change in storage reservoir.

(a) Runoff forecasts are based principally on mountain snow cover and on the assumption that precipitation and temperature will be near average from the present time to the end of the forecast period. Appreciable deviations from normal of temperature and/or precipitation will correspondingly modify these forecasts. The discharge data is taken from preliminary records of the U. S. Geological Survey.

WATER SUPPLY OUTLOOK FOR UTAH

and

FEDERAL - STATE - PRIVATE COOPERATIVE SNOW SURVEYS

UNITED STATES DEPARTMENT of AGRICULTURE···SOIL CONSERVATION SERVICE,

and

UTAH STATE DEPARTMENT OF NATURAL RESOURCES -- DIVISION OF WATER RIGHTS

In cooperation with U.S. Forest Service, Bureau of Reclamation, Utah Fish and Game Dept., Utah State University, U.S. National Park Service, U.S. Geological Survey; and other Federal, State, and private organizations.

AS OF

MAY 1, 1969

WATER SUPPLY OUTLOOK FOR UTAH

and

FEDERAL - STATE - PRIVATE COOPERATIVE SNOW SURVEYS

Issued by

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In Cooperation with

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STATE ENGINEER
DIVISION OF WATER RIGHTS
UTAH STATE DEPT. OF NATURAL RESOURCES

Report prepared by

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SOIL CONSERVATION SERVICE
SNOW SURVEY SECTION
FEDERAL BLDG., ROOM 4012
SALT LAKE CITY UTAH 84111

USDA-SCS-PORTLAND, OREG. 1967 M7-L-16253

PROSPECTIVE WATER SUPPLIES

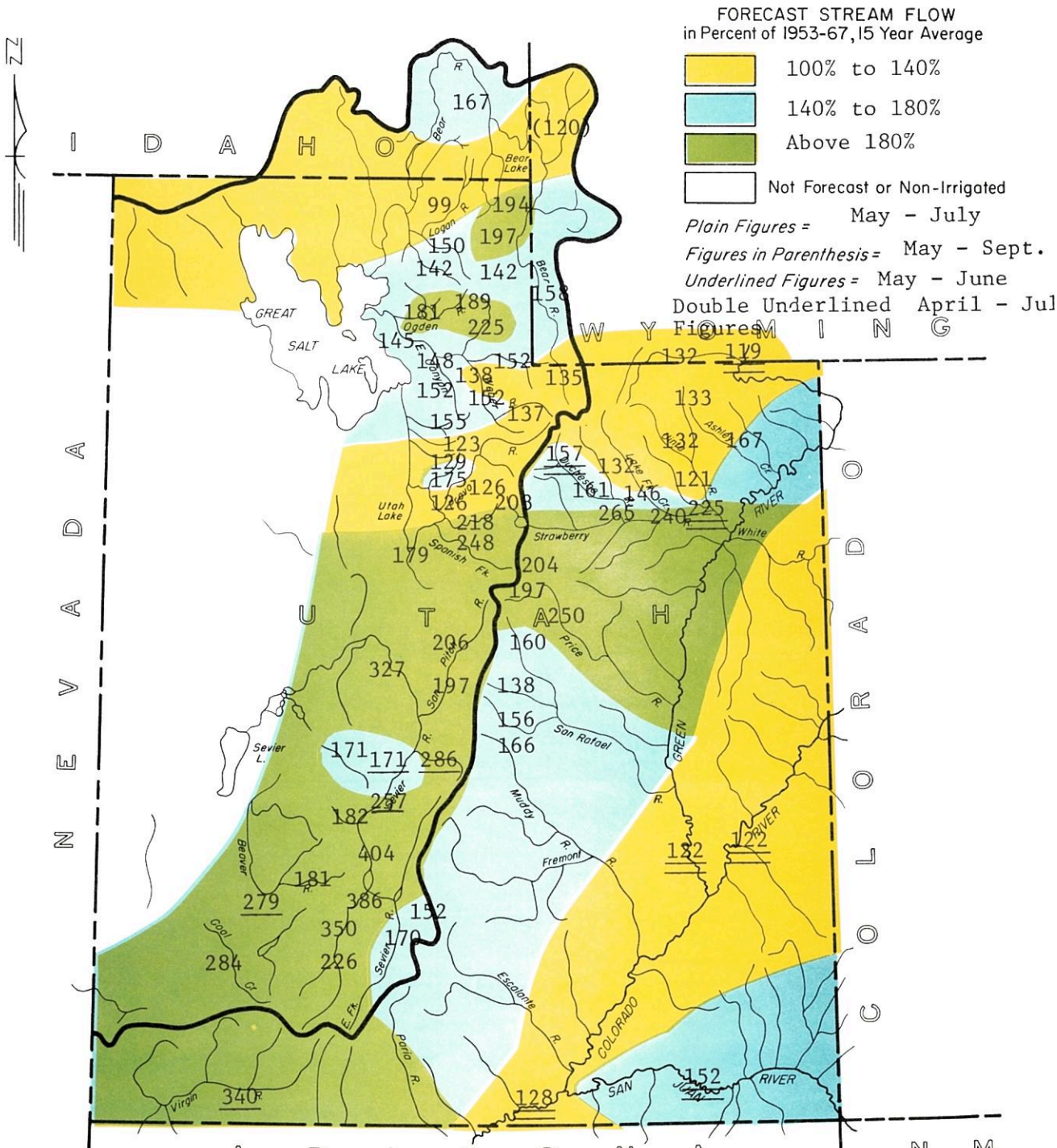
Based on Snow Surveys Made on UTAH and BEAR RIVER WATERSHEDS

May 1, 1969

Approximate Date

50 0 50 100

SCALE IN MILES



U. S. DEPARTMENT OF AGRICULTURE SOIL CONSERVATION SERVICE

7-0-16150-L

USDA SCS-PORTLAND OREG 1968 M-2853

WATER SUPPLY OUTLOOK

MAY 6, 1969

* *
* Utah's 1969 irrigation season is underway with "near *
* average" to "excellent" water supplies in prospect for *
* all areas of the State. Snow cover was reduced by a *
* warm, dry April but still ranges from about 74% of av- *
* erage on the Logan River to 472% of average on the *
* Virgin River. Reservoir storage is 146% of average *
* for May 1 and 74% of total useable capacity. Stream- *
* flow forecasts vary from near average to about 4 times *
* average. *
* *

NORTHERN UTAH

Northern Utah's water supplies are still expected to be near average to excellent this summer. Above normal melt occurred on most snow courses during April and snow cover remains only above 7000 feet with south slopes bare above that elevation.

May 1 snow measurements indicate a wide variation in the remaining snow cover - from 74% on the Logan River to 215% of average on the American Fork River. Ogden River snow cover is 159% of the May 1 average for the 1953-67 period while the upper Weber is 117%. The Wasatch front near Salt Lake is 118% and the upper Provo 120%, American Fork watershed has 215% of average May 1 snow cover.

Reservoir storage is well above average except reservoirs holding space for heavy flows yet to come. Hyrum Reservoir now holds 11,050 acre feet and Porcupine is full and spilling. Causey and Pineview held 3400 and 86,680 acre feet on May 1. East Canyon held 43,200 acre feet, Echo 42,900 acre feet, Lost Creek 16,780, and Rockport 37,030 acre feet. Deer Creek Reservoir held 114,100 acre feet on May 1. Utah Lake is above Compromise and now holds 922,200 a.f.

Streamflow forecasts for the May-July period range from 99% (85,000 acre feet) on the Logan River to 248% (52,000 acre feet) on the Spanish Fork. The mean daily peak on Spanish Fork is expected to fall between 545 - 1030 cfs.

The Bear River is forecast to flow 135,000 acre feet (135%)at the Utah-Wyoming Line and 260,000 acre feet (167%) at Harer, Idaho. Blacksmith Fork and Little Bear Rivers are expected to flow 150% and 142% of average respectively.

The South Fork of the Ogden is forecast to flow 66,000 acre feet (189%) and Pineview Reservoir inflow is expected to be 114,000 acre feet (181%)during the May-July period. The mean daily peak flow is expected to be between 1000 - 1500 cfs on the South Fork of the Ogden.

The Weber near Oakley is forecast to flow 137,000 acre feet (137%) and Rockport Reservoir Inflow 149,000 acre feet (152%). East Canyon Creek is expected to produce 17,500 acre feet (148%) and Chalk Creek 35,000 acre feet (152%) during the May-July period.

Big and Little Cottonwood Creeks are forecast to flow 37,000 acre feet (123%) and 40,000 acre feet (129%) respectively. Parleys Creek is expected to flow 10,400 acre feet (155%) and Farmington Creek 8,100 acre feet (145%). The mean daily peak flow on Big Cottonwood Creek is expected to fall between 350 - 500 cfs.

Utah Lake Inflow is forecast at 179% of average (235,000 acre feet). American Fork is forecast to flow 42,000 acre feet (175%) and the Provo near Hailstone 103,000 acre feet (126%). Strawberry Reservoir Inflow is expected to be 65,000 acre feet (203%).

EASTERN UTAH

Eastern Utah's summer water supply outlook is "above average" to "excellent."

Snow cover as of May 1 ranged from slightly below average on the north slope of the Uintah Mountains to 290% on the Blue Mountains near Monticello. The south slopes of the Uintah's varied from 134% on the upper Duchesne to 183% on the Uintah and Whiterocks drainages. Lakefork Creek is 167% and Ashley Creek 181% of the May 1 average snow water contents. Strawberry River was 167% of average as of May 1. Low and medium elevation snow is gone from the Price River watershed. The watershed as a whole is now 128% of average. Snow cover on the San Rafael is 134% of the May 1 average.

Reservoir storage in eastern Utah is well above the average for May 1. Moon Lake held 29,100 acre feet as of May 1 and the average is 17,500 acre feet. Steinaker held 26,500 acre feet and Joe's Valley 31,100 acre feet. Scofield held 44,000acre feet and its May 1 average is 26,400 acre feet. Flaming Gorge held 1,712,100 acre feet on May 1. Streamflow forecasts for the May-July period vary from 121% (68,000 acre feet) on the Yellowstone to 265% (106,000 acre feet) for the Strawberry at Duchesne. Mean daily peak flow on the Strawberry is expected to be between 1035 -1860 cfs.

The Duchesne at Tabiona is forecast to flow 137,000 acre feet (161%) and 315,000 acre feet (240%) at Myton. Ashley Creek is expected to produce 70,000 acre feet (167%) during the May-July period with a mean daily peak between 940 - 1790 cfs.

Lakefork Creek is forecast to flow 84,000 acre feet (146%) during the May-July period and the Uinta and Whiterocks 132% and 133% of average respectively. Rock Creek is forecast to flow 110,000 acre feet (132%) of average.

Price River forecasts dropped slightly and are now 108,000 acre feet (250%) at Heiner, 18,000 acre feet (197%) for Gooseberry Creek and 55,000 acre feet (204%) for Scofield Inflow for the May-July period.

Ferron Creek is expected to flow 48,000 acre feet (156%) with a mean daily peak between 480 - 790 cfs. Cottonwood Creek 55,000 acre feet (138%) and and Huntington Creek 61,000 acre feet (160%). Muddy Creek is forecast at 166% of average or 24,000 acre feet during the May-July runoff period.

CENTRAL AND SOUTHERN UTAH

Water supplies in Central and Southern Utah are expected to be excellent this year. Periods of cool weather have held back snow melt at higher elevations and a very heavy snow pack still remains on the Upper Sevier, Virgin, Coal Creek and Beaver River watersheds. May 1 snow surveys show 2 to 5 times the average May 1 water content on these watersheds.

The East Fork of the Sevier has 179% of average and Clear Creek 155% of the May 1 average. Salina Creek has 134% snow cover and the San Pitch tributaries ranged from 118% to 137% of the May 1 average.

Reservoir storage is well above average. Otter Creek is full and spilling and Piute had 62,100 acre feet as of May 1. Sevier Bridge had 166,200 acre feet and Gunnison had 17,200 as of May 1. Minersville Reservoir is full at 23,300 acre feet.

Streamflow forecasts indicate well above average flows can be expected on the Virgin, Coal Creek and the Sevier rivers. The Virgin River is forecast to flow 75,000 acre feet (340%) for the May-June period and have a mean daily peak between 2140 - 2630 cfs. Coal Creek is expected to flow 31,000 acre feet (284%)during the May-July period with a mean daily peak flow between 370 - 640 cfs.

The Sevier at Hatch is forecast to flow 61,000 acre feet (226%) and 55,000 acre feet (404%) is expected below Piute Dam during the May-July period. The Sevier at Gunnison is expected to get 50,000 acre feet (327%) and Salina Creek is forecast to flow 14,300 acre feet (286%) during the May-July runoff period.

Peak flow forecasts indicate a mean daily peak between 825 - 1070 cfs. at Hatch, 900 - 1000 cfs. at Kingston and 325 - 400 cfs. on Salina Creek.

The Beaver River is forecast to flow 30,000 acre feet (181%) May-July and 12,000 acre feet is expected to flow into Rockyford Reservoir during the May-June period. The mean daily peak flow is expected to fall between 300 - 565 cfs. on the Beaver River.

Streams flowing into the San Pitch River are expected to produce about twice average flow this season. Ephraim Creek - 26,000 acre feet (197%), Pleasant Creek 14,000 acre feet (206%) for the May-July period and Twin Creek 7,500 acre feet (188%) for the May-September period. Chalk Creek near Fillmore is forecast to flow 19,000 acre feet (171%) of the May-July average. A very good irrigation water supply is in prospect this year on all streams.

Streamflow forecasts on Colorado River tributaries dropped slightly as a result of low precipitation over most of the basin during April. Flaming Gorge Inflow is expected to be 1,255,000 acre feet (119%), Green River at Green River, Utah 3,138,000 acre feet (122%) and Lake Powell Inflow 8,380,000 acre feet (128%). The San Juan near Bluff is expected to flow 1,349,000 acre feet during the April-July period.

RESERVOIR STORAGE (1,000 Ac. Ft.)

BASIN or STREAM	RESERVOIR	USABLE CAPACITY	MEASURED (FIRST OF MONTH) THIS YEAR	LAST YEAR	AVERAGE[a]
	GREAT BASIN				
Bear River	Bear Lake	1421.0	1166.3	1144.7	951.9
	Woodruff Narrows	26.5	26.5	26.5	- -
Beaver River	Minersville(Rocky Ford)	23.3	23.3	20.0	11.3
Little Bear	Hyrum	15.3	11.0	13.5	15.1
	Porcupine	11.3	11.3	9.5	- -
Ogden	Causey	7.1	3.4	0.2	- -
	Pineview	110.1	86.7	76.4	50.9
Provo	Deer Creek	149,7	114.1	108.1	97.0
Sevier River	Gunnison	18.2	17.2	18.3	- -
	Otter Creek	52.5	52.7	40.5	31.4
	Piute	71.8	62.1	63.9	35.0
	Sevier Bridge	236.0	166.2	109.3	94.6
Spanish Fork	Strawberry	270.0	175.6	136.6	132.2
Utah Lake	Utah Lake	883.9	922.2	832.0	620.4
Weber	East Canyon	48.1	43.2	42.4	18.5
	Echo	73.9	42.9	56.2	51.2
	Lost Creek	20.0	16.8	12.4	- -
	Rockport	60.9	37.0	47.8	27.3
	Willard Bay	193.3	143.9	174.0	- -
	COLORADO RIVER DRAINAGE				
Ashley Creek	Steinaker	33.3	26.5	29.5	- -
Colorado	Blue Mesa	829.5	362.3	336.2	- -
	Lake Powell	25002.0	8049.0	7459.05	- -
Green	Flaming Gorge	3749.0	1712.1	2025.6	- -
Lake Fork	Moon Lake	35.8	29.1	24.6	17.5
Price River	Scofield	65.8	44.0	51.6	26.4
San Rafael	Joe's Valley	54.6	31.1	19.6	- -
San Juan	Navajo	1696.4	732.8	601.3	- -

FOOTNOTES - See last page

UTAH STREAMFLOW FORECASTS[a] (1,000 Ac. Ft.)

FORECAST POINT	FORECAST THIS YEAR	THIS YEAR AS PERCENT OF AVERAGE	FORECAST PERIOD	LAST YEAR	AVERAGE [a]
BEAR RIVER SYSTEM					
Bear at Harer, Idaho	260	167	May-July	172	156
Bear nr Randolph	132	194	May-July	107	68
Bear nr Ut-Wyo State Line	135	135	May-July	131	100
Bear nr Woodruff	125	158	May-July	138	79
Big Crk nr Randolph, Utah	7.5	197	May-July	2.2	3.8
Blacksmith Fork nr Hyrum	45	150	May-July	30	37
Little Bear nr Paradise	37	142	May-June	25	26
Logan nr Logan (1)	85	99	May-July	89	86
Smith's Fork nr Border, Wyoming	130	120	Apr-Sept	76	108
Woodruff Crk nr Woodruff, Utah	16.0	142	May-July	11.1	11.2
WEBER-OGDEN RIVERS					
Chalk Crk. at Coalville	35	152	May-July	42	23
East Canyon Crk. nr Morgan (2)	17.5	148	May-July	18.6	11.8
Hardscrabble Crk nr Porterville	17.5	152	May-July	15.4	11.5
Lost Crk. nr Croydon, Utah	20	225	May-July	9.2	8.9
Pineview Reservoir Inflow (3)	114	181	May-July	68	63
South Fork Ogden nr Huntsville	66	189	May-July	34	35
Rockport Reservoir Inflow (4)	149	152	May-July	140	98
Weber nr Coalville (5)	130	138	May-July	135	94
Weber nr Oakley	137	137	May-July	130	100
PROVO RIVER & UTAH LAKE					
American Fork nr American Fork	42	175	May-July	31	24
Hobble Crk. Nr Springville	22	218	May-July	16.1	10.1
Provo nr Hailstone (6)	103	126	May-July	108	82
Provo below Deer Crk. Dam (7)	110	126	May-July	123	87
Spanish Fork at Thistle	52	248	May-July	39	21
Strawberry Reservoir Inflow (8)	65	203	May-July	54	32
Utah Lake Inflow	235	179	May-July	187	131
JORDAN RIVER & SALT LAKE					
Big Cottonwood nr SLC	37	123	May-July	35	30
Farmington Crk nr Farmington	8.1	145	May-July	7.5	5.6
Little Cottonwood Crk nr SLC	40	129	May-July	37	31
Parley's Crk nr SLC	10.4	155	May-July	11.8	6.7

FOOTNOTES - See last page

UTAH STREAMFLOW FORECASTS[a] (1,000 Ac. Ft.)

FORECAST POINT	FORECAST THIS YEAR	THIS YEAR AS PERCENT OF AVERAGE	FORECAST PERIOD	LAST YEAR	AVERAGE [a]
SEVIER RIVER					
Chalk Creek nr Fillmore	19	171	May-July	- -	11.1b
Clear Crk nr Sevier (abv. Div.)	22	182	May-July	- -	12.1
East Fork Sevier nr Kingston (9)	11.6	170	May-July	10.5	6.8
Antimony Crk nr Antimony	9.0	152	May-July	6.3	5.9b
Inflow					
Kingston to Vermillion Dam	77	257	Apr-June	- -	30 b
Vermillion Dam to Gunnison	77	171	Mar-June	- -	45 b
Salina Crk at Salina (10)	14.3	286	May-June	15.3	5.0*
Sevier nr Circleville	70	350	May-July	- -	20
Sevier nr Gunnison	50	327	May-July	- -	15.3
Sevier at Hatch	61	226	May-July	49	27
Sevier nr Kingston	56	386	May-July	- -	14.5
Sevier below Piute Dam (11)	55	404	May-July	- -	13.6
SAN PITCH RIVER					
Ephraim Creek nr Ephraim	26	197	May-July	- -	13.2b
Pleasant Crk. nr Mt. Pleasant	14	206	May-July	9.3	6.8b
Twin Crk. nr Mt. Pleasant	7.5	188	May-Sept	- -	4.0b
BEAVER RIVER					
Beaver nr Beaver	30	181	May-July	28	16.5
Rockyford Reservoir Inflow(12)	12.0	279	May-June	- -	4.3
COAL CREEK					
Coal Crk nr Cedar City	31	284	May-July	18.7	10.9

COLORADO

GREEN RIVER TRIBUTARIES IN UTAH

FLAMING GORGE TO DUCHESNE RIVER

Ashley Creek nr Vernal	70	167	May-July	59	42
Henry's Fork at Linwood	50	132	Apr-Sept	- -	38

FOOTNOTES - See last page

UTAH STREAMFLOW FORECASTS[a] (1,000 Ac. Ft.)

FORECAST POINT	FORECAST THIS YEAR	THIS YEAR AS PERCENT OF AVERAGE	FORECAST PERIOD	LAST YEAR	AVERAGE [a]
DUCHESNE RIVER					
Duchesne nr Hanna	82	157	Apr-July	39	52 b
Duchesne nr Tabiona (13)	137	161	May-July	108	85
Lakefork below Moon Lake (14)	84	146	May-July	74	57
Rock Crk nr Mtn. Home	110	132	May-July	106	83
Strawberry at Duchesne	106	265	May-July	- -	40
Uinta nr Neola	99	132	May-July	108	75
Whiterocks nr Whiterocks	64	133	May-July	73	48
Yellowstone nr Altonah	68	121	May-July	79	56
Duchesne at Myton	315	240	May-July	219	131
Duchesne at Randlett	590	225	Apr-July	350	262
PRICE RIVER					
Gooseberry Crk. nr Scofield	18.0	197	May-July	11.3	9.1
Price nr Hiener (15)	108	250	May-July	79	43
Scofield Reservoir Inflow (15)	55	204	May-July	40	27
SAN RAFAEL RIVER					
Cottonwood Crk nr Orangeville	55	138	May-July	- -	40
Ferron Crk nr Ferron	48	156	May-July	34	31
Huntington Crk nr Huntington	61	160	May-July	51	38
MUDDY RIVER					
Muddy Creek nr Emery	24	166	May-July	- -	14.5
VIRGIN RIVER					
Virgin nr Virgin	75	340	May-June	42	22
UPPER COLORADO BASIN					
Colorado nr Cisco, Utah (15)	3412	122	Apr-July	3653	2802
Flaming Gorge Inflow (3)	1255	119	Apr-July	1061	1054
Lake Powell Inflow (3)	8380	128	Apr-July	7247	6527
Green at Green River, Utah (15)	3138	122	Apr-July	1796	2574
San Juan nr Bluff, Utah (15)	1349	152	Apr-July	923	890
Navajo Reservoir Inflow	940	152	Apr-July	591	619

FOOTNOTES - See last page

PEAK FLOWS (Maximum Mean Daily) (Av. flow for 24 hrs. on day of greatest flow)

FORECAST POINT	PEAK FLOW (second feet)	
	FORECAST RANGE	15-YR. AVERAGE 1953-67
NORTHERN UTAH		
Big Creek near Randolph	65 - 105	43
Big Cottonwood Creek near SLC	350 - 500	366
Hobble Creek near Springville	405 - 670	180
Spanish Fork near Thistle	545 - 1030	307
So. Fork Ogden River nr Huntsville	1000 - 1500	647
Little Bear nr Paradise	630 - 850	439
EASTERN UTAH		
Ashley Creek nr Vernal	940 - 1790	920
Ferron Creek near Ferron	480 - 790	414
Muddy Creek near Emery	150 - 280	142
Strawberry River at Duchesne	1035 - 1860	558
SOUTHEN and CENTRAL UTAH		
Beaver River near Beaver	300 - 565	215
Clear Creek near Sevier	260 - 320	156b
Coal Creek near Cedar City	370 - 640	217
Salina Creek near Salina	325 - 400	133*
Sevier River at Hatch	825 - 1070	370
Sevier River at Circleville	860 - 1070	292
Sevier River at Kingston	900 - 1000	223
Virgin River at Virgin	2140 - 2630	653

LOW FLOW FORECASTS

FORECAST POINT	DATE STREAMFLOW RECEDES TO LOW FLOW VALUE*	LOW FLOW VALUE	AVERAGE DATE OF LOW FLOW VALUE
Clear Creek nr Sevier (above div.)	Aug. 10	15 cfs	July 28
Salina Creek at Salina	June 15	25 cfs	June 10
Sevier at Circleville(Circle Valley)	July 21	90 cfs	June 24
Sevier at Hatch(upper Panguitch Valley)	Aug. 15	100 cfs	July 10

PRIMARY WATER RIGHTS (Percent of)

RIVER SECTION	FORECAST THIS YEAR	AVERAGE DELIVERED DURING 15 YEARS 1953-67	FORECAST PERIOD
Sevier River			
Below Vermillion Dam	75	58	April - Sept.
Circle Valley	90	66	April - Sept.
Panguitch Valley	95	84	April - Sept.
Sevier Valley	65	40	April - Sept.

OTHER SPECIAL FORECASTS

Kingston to Vermillion - Flow above 400 second feet - 15,000 - 20,000 acre feet.

Below Vermillion - Flow above 360 second feet - 3,000 - 4,000 acre feet, not including flow added by the San Pitch River.

**Following this date, streamflow is expected to fall below "Low Flow Value" shown.*

COMPARISON of SNOW COVER

RIVER BASIN or TRIBUTARY WATERSHED	NO. of COURSES AVERAGED	THIS YEARS SNOW WATER EXPRESSED AS PERCENT OF :	
		LAST YEAR	AVERAGE [a]
Bear River			
Bear River So. of Evanston, Wyo.	4	49	90
Blacksmith Fork - Little Bear River	5	102	163
Logan River	5	65	74
Smith's Fork of Bear River, Wyo.	5	88	99
Strawberry-Mink Creeks	3	57	69
Weber-Ogden Rivers			
Chalk Creek above Coalville	3	58	75
East Canyon Creek	3	70	123
Farmington Creek	2	97	134
Ogden River	5	119	159
Weber River above Coalville	8	74	117
Utah Lake, Jordan River & Tooele Valley			
American Fork River	3	113	215
Hobble Creek	2	52	130
Mt. Nebo Area	2	46	98
Provo River above Deer Creek Dam	6	75	120
Salt Lake Area	4	68	118
Spanish Fork River	5	70	128
Strawberry Reservoir Valley	3	65	120
Tooele Area	3	108	186
Sevier River			
Beaver River	3	114	253
Chalk Creek nr Fillmore	2	65	345
Clear Creek above Sevier	1	90	155
East Fork Sevier River	5	69	179
Ephraim Creek	2	80	118
Mt. Pleasant Area	2	85	136
Salina Creek	2	72	134
Sevier River above Panguitch	6	108	328
Twelve Mile Creek near Mayfield	2	78	137

FOOTNOTES - See last page

COMPARISON of SNOW COVER

RIVER BASIN or TRIBUTARY WATERSHED	NO. of COURSES AVERAGED	THIS YEARS SNOW WATER EXPRESSED AS PERCENT OF :	
		LAST YEAR	AVERAGE [a]
Uintah Basin & North Slope Uintah Mountains			
Ashley-Brush Creeks	4	100	181
Black's Fork & Smith's Fork Rivers	4	60	77
Duchesne River above Tabiona	4	80	134
Lakefork River	2	80	167
Strawberry River	5	68	167
Uintah-Whiterocks Rivers	3	129	183
Carbon, Emery, Wayne, Grand & San Juan Counties			
Blue Mountains near Monticello	2	82	290
East Carbon County	-	-	-
Fremont River	4	65	212
LaSal Mountains near Moab	2	32	104
Price River	6	67	128
San Rafael River	8	85	134
East Garfield, Kane, Washington & Iron Counties			
Coal Creek near Cedar City	4	122	315
Escalante River	3	65	130
Parowan Creek	3	80	139
Virgin River	4	132	472

FOOTNOTES - See last page

BEAR RIVER BASIN

LEGEND

- Watershed Boundary
- Soil Conservation District Bdry.
- County Boundary
- Forecast Point
- Snow Course
- S.C.S. Storage Gage
- W.B. Storage Gage
- Aerial Snow Depth Gage
- Radio Telemetry
- Radio Base Station

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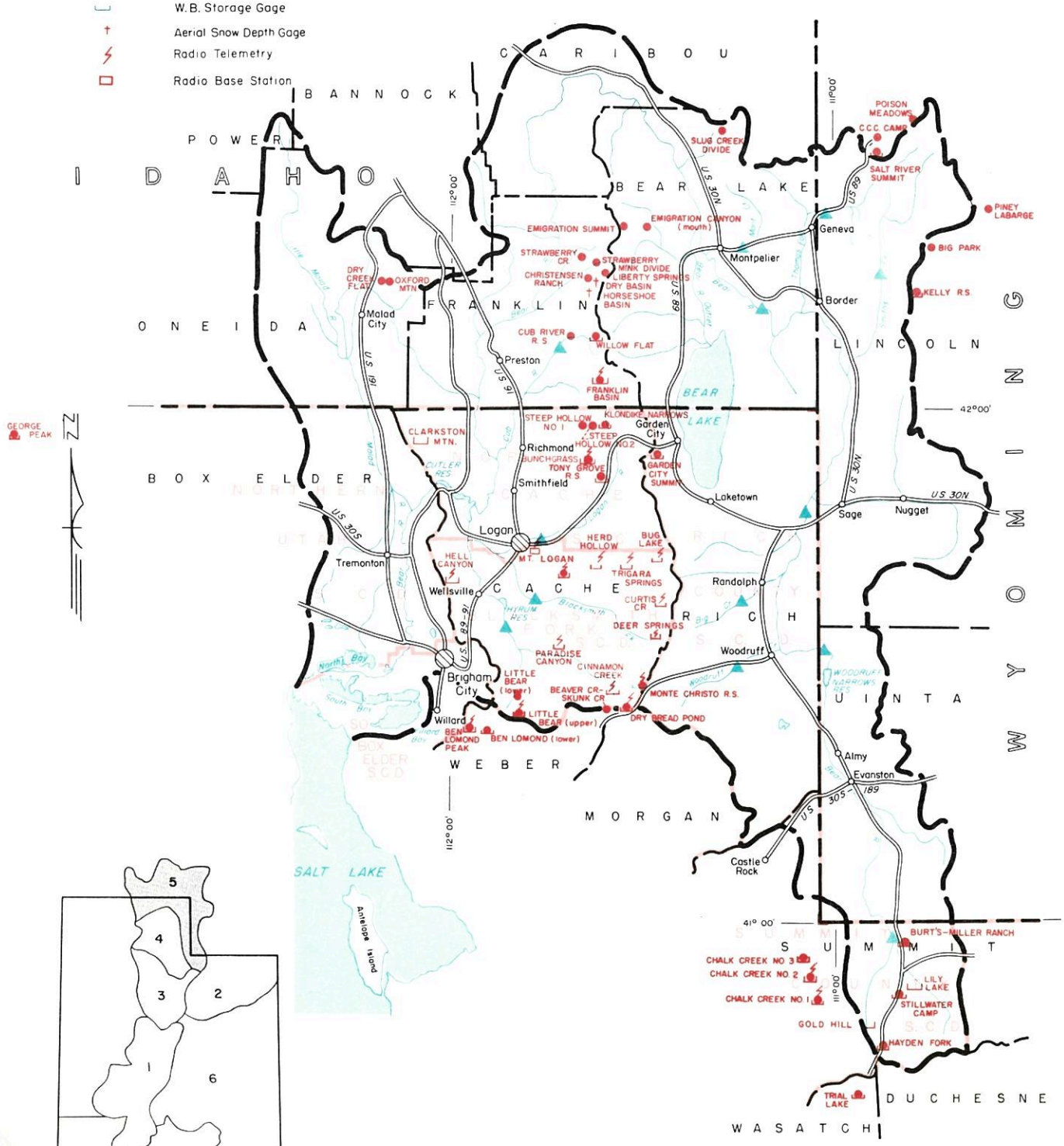
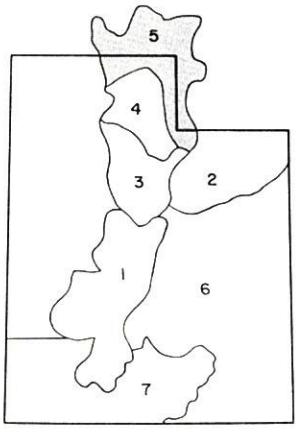
SCALE IN MILES





WATERSHED LOCATION

USDA-SCS PORTLAND, OREG. 1968 M7-O-16253-5

INDEX

NO.	STATE	NAME	SEC.	TWP.	RGE.	ELEV.
		UPPER BEAR RIVER (above Harer, Idaho)				
10G11	W	Big Park	7	27N	117W	8,700
10J6	U	Burts-Miller Ranch	19	3N	10E	7,900
10G7	W	CCC Camp x	9	29N	118W	7,500
10J36p	U	Gold Hill	11	1N	9E	10,000
10J7	U	Hayden Fork	1	1S	9E	9,300
10G12	W	Kelly Ranger Station	13	26N	118W	8,200
10J35p	U	Lily Lake	34	2N	10E	9,300
11H12P	U	Monte Cristo R.S.	4	8N	4E	8,960
10G10	W	Piney LaBarge x	19	29N	114W	8,820
10G6	W	Poison Meadows x	29	30N	116W	8,500
10G8P	W	Salt River Summit x	32	29N	118W	7,900
10J17P	U	Stillwater Camp	32	2N	10E	8,550
		LOWER BEAR RIVER (below Harer, Idaho)				
11H14M	U	Beaver Creek-Skunk Creek	22	8N	3E	7,150
11H37p	U	Bug Lake	18	11N	5E	7,950
11H36p	U	Bunchgrass	5	13N	3E	8,400
11G11	I	Christensen Ranch	27	13S	41E	5,600
11H38p	U	Cinnamon Creek	5	8N	3E	7,300
12H1p	U	Clarkston Mtn.	29	14N	2W	6,300
11G12	I	Cub River Ranger Station	5	15S	41E	5,400
11H39p	U	Deer Springs	34	10N	4E	8,400
11G14a	I	Dry Basin	30	13S	42E	7,900
11H13MP	U	Dry Bread Pond	19	8N	4E	8,230
12G4	I	Dry Creek Flat	31	13S	37E	6,350
11G6	I	Emigrant Summit	21	12S	42E	7,350
11G7	I	Emigration Canyon (mouth)	24	12S	42E	6,500
11G8M	I	Franklin Basin	1	16S	41E	8,000
11H7MP	U	Garden City Summit	35	14N	4E	7,600
12H2p	U	Hell Canyon	24	11N	2W	6,400
11H40p	U	Herd Hollow	4	11N	3E	7,000
11G15a	I	Horseshoe Basin	31	13S	42E	8,000
11H1MP	U	Klondike Narrows	10	14N	3E	7,400
11G13	I	Liberty Springs	7	13S	42E	8,420
11H26	U	Little Bear (lower)	15	8N	1E	5,800
11H25P	U	Little Bear (upper)	22	8N	1E	6,550
11H12P	U	Monte Cristo R.S.	3	8N	4E	8,960
11H6	U	Mt. Logan	3	11N	2E	9,000
12G3	I	Oxford Mountain	32	13S	37E	6,800
11H46p	U	Paradise Canyon	36	10N	2E	7,650
11G5	I	Slug Creek Divide	15	10S	44E	7,225
11H4	U	Spring Hollow (lower)	26	12N	2E	7,000
11H5	U	Spring Hollow (upper)	35	12N	2E	8,000
11H27	U	Steep Hollow #1	7	14N	3E	8,500
11H28	U	Steep Hollow #2	9	14N	3E	7,700
11G9	I	Strawberry Creek	9	13S	41E	5,800
11G10	I	Strawberry Mink Divide	14	13S	41E	6,800
11H3M	U	Tony Grove Ranger Station	11	13N	3E	6,250
11H41p	U	Trigara Springs	29	12N	4E	7,600
11G4P	I	Willow Flat	2	15S	41E	6,100

LEGEND

Numbering system (example)

10J7	SNOW COURSE ONLY
10J7P	SNOW COURSE AND PRECIPITATION GAGE
10J7M	SNOW COURSE AND SOIL MOISTURE STATION
10J7A	SNOW COURSE AND AERIAL MARKER
10J7MA	SNOW COURSE, SOIL MOISTURE STATION AND AERIAL MARKER
10J7MP	SNOW COURSE, SOIL MOISTURE STATION AND PRECIPITATION GAGE
10J7m	SOIL MOISTURE STATION ONLY
10J7a	AERIAL MARKER ONLY
10J7p	STORAGE PRECIPITATION GAGE ONLY
x	ADJACENT DRAINAGE

DRAINAGE BASIN and SNOW COURSE			CURRENT INFORMATION			PAST RECORD	
NAME	NO.	ELEVATION	DATE OF SURVEY	SNOW DEPTH (Inches)	WATER CONTENT (Inches)	WATER CONTENT (Inches) LAST YEAR	WATER CONTENT (Inches) AVERAGE [a]

BEAR RIVER BASIN

UPPER BEAR RIVER
(Above Harer, Idaho)

Big Park x	10G11	8700	4/28	55	23.8	21.4	20.2
Burts-Miller Ranch	10J6	7900	4/24	0	0.0	6.8	1.1b
CCC Camp	10G7	7500	4/30	11	4.7	8.9	5.9
Hayden Fork	10J7	9300	4/24	34	15.0	18.9	14.7b
Kelly Ranger Station	10G12	8200	4/28	46	20.6	17.9	17.2
Monte Cristo R. S.	11H12	8960	4/25	58	26.9	25.8	24.6
Piney-LaBarge x	10G10	8820	4/29	35	16.9	21.3	- -
Poison Meadows x	10G6	8500	4/29	60	26.5	29.8	31.5*
Salt River Summit x	10G8	7900	4/30	23	9.4	11.3	11.9*
Stillwater Camp	10J17	8550	4/24	16	6.7	12.2	6.6b
Trial Lake x	10J8	9800	4/30	67	31.6	29.6	27.3

LOWER BEAR RIVER
(Below Harer, Idaho)

Beaver Crk-Skunk Crk	11H14	7150	4/25	21	9.0	8.0	3.3
Dry Bread Pond x	11H13	8230	4/25	48	22.0	16.0	13.9
Emigrant Summit	11G6	7700	4/29	48	24.4	25.4	21.5*
Garden City Summit	11H7	7600	4/29	33	15.1	14.8	14.7
Klondike Narrows	11H1	7400	4/29	22	10.4	16.5	13.2b
Little Bear(lower)	11H26	6100	4/28	0	0.0	0.0	0.5b
Little Bear(upper)	11H25	6850	4/28	10	4.0	7.3	2.3b
Monte Cristo R. S.	11H12	8960	4/25	58	26.9	25.8	24.6
Steep Hollow #1	11H27	8500	4/29	73	35.2	39.9	35.3b
Steep Hollow #2	11H28	7700	4/29	36	17.6	24.5	20.3b
Strawberry Creek	11G9	5800	4/29	0	0.0	4.4	2.1*
Strawberry Mink Divide	11G10	6800	4/29	29	13.4	18.1	14.1*
Tony Grove R. S.	11H3	6250	4/29	0	0.0	1.2	0.8b
Willow Flat	11G4	6100	4/30	0	0.0	1.4	3.3

FOOTNOTES - See last page

PRECIPITATION DATA (Inches)

DRAINAGE BASIN AND RAIN GAGE LOCATION	ELEVATION	CURRENT INFORMATION			FROM APPROX. OCT. 1 TO DATE		
		DATE OF READING	MONTH'S PRECIPITATION	1953-67 AVERAGE	THIS YEAR	1953-67 AVERAGE	PERCENT OF AVERAGE
Chalk Creek #1 x	9100	Data Unavailable			- -	- -	- -
Chalk Creek #2 x	8000	"	"	3.32*	- -	18.28*	- -
Chalk Creek #3 x	7500	4/25	2.22	3.91b	16.78	16.64b	101
Dry Bread Pond	8230	4/25	2.89	4.00*	- -	23.90*	- -
Garden City Summit	7600	4/27	1.52	3.40*	21.07	21.30*	99
Hayden Fork	9300	4/24	3.60	- -	24.47	- -	- -
Klondike Narrows	7400	Data Unavailable		3.49*	- -	26.76*	- -
Little Bear (upper)	6850	"	"	4.46*	- -	22.92*	- -
Monte Cristo #2	8960	4/25	3.43	5.48b	33.53	30.13b	111
Sagebrush Flat x	6300	4/25	1.69	2.63b	17.83	15.99b	112
Salt River Summit	7900	4/30	0.60	2.54b	18.25	18.23*	100
Stillwater Camp	8550	4/24	2.82	2.94b	15.57	15.52*	100
Tony Grove R.S. (SCS)	6250	Data Unavailable		3.40b	- -	22.15b	- -
Trial Lake x	9800	4/30	3.55	3.87	32.19	25.05*	128
Willow Flat	6100	4/30	2.60	4.02b	27.37	25.17*	109

FOOTNOTES - See last page

WEBER - OGDEN WATERSHEDS

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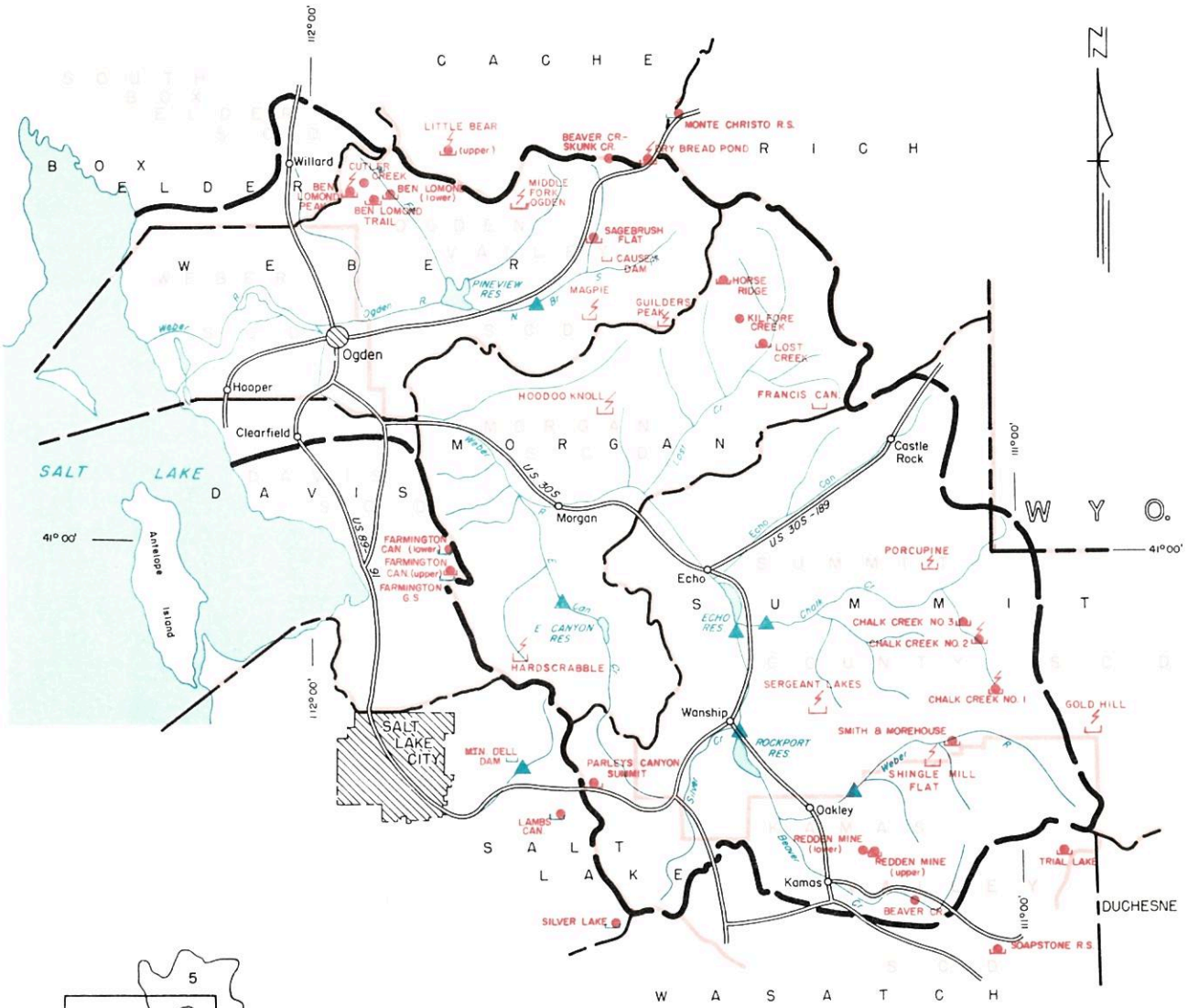
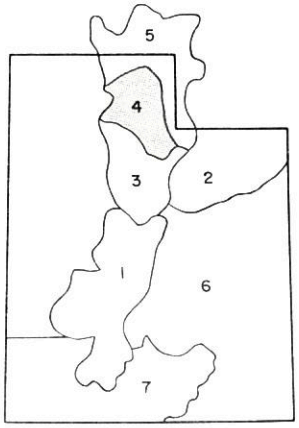
SCALE IN MILES





WATERSHED LOCATION

LEGEND

- Watershed Boundary
- Soil Conservation District Bdry.
- County Boundary
- Forecast Point
- Snow Course
- S.C.S. Storage Gage
- W.B. Storage Gage
- Radio Telemetry

UT-4c

USDA SCS PORTLAND, OREG. 1968 M7-O-16253-4

INDEX

NO.	STATE	NAME	SEC.	TWP.	RGE.	ELEV.
		OGDEN RIVER				
11H14M	U	Beaver Creek-Skunk Creek	22	8N	3E	7,150
11H8	U	Ben Lomond Peak	3	7N	1E	8,000
11H9P	U	Ben Lomond (lower)	1	7N	1W	5,850
11H30P	U	Ben Lomond Trail	2	7N	1W	6,000
11H35p	U	Causey Dam	34	7N	3E	5,500
11H31	U	Cutler Creek	3	7N	1W	6,780
11H13MP	U	Dry Bread Pond	19	8N	4E	8,230
11H34p	U	Guilder's Peak	21	6N	4E	8,050
11H42p	U	Magpie	29	6N	3E	7,700
11H45p	U	Middle Fork Ogden	16	7N	2E	8,420
11H12P	U	Monte Cristo R.S.	3	8N	4E	8,960
11H10	U	Mt. Ogden	5	5N	1E	8,600
11H15P	U	Sagebrush Flat	21	7N	3E	6,300
11H11P	U	Snow Basin	32	6N	1E	6,420
		WEBER RIVER				
11J24	U	Beaver Creek R.S.	28	2S	7E	7,500
11J1	U	Chalk Creek #1	4	1N	8E	9,100
11J2MP	U	Chalk Creek #2	17 & 20	2N	8E	8,000
11J3M	U	Chalk Creek #3	7	2N	8E	7,500
11J12P	U	Farmington Canyon (lower) x	14	3N	1E	6,950
11J11	U	Farmington Canyon (upper) x	26	3N	1E	8,000
11H44p	U	Francis Canyon	29	5N	6E	7,400
11J37p	U	Hardscrabble	16	2N	2E	6,500
11H43p	U	Hoodoo Knoll	22	5N	3E	8,350
11H21P	U	Horse Ridge	1	6N	4E	8,260
11H31	U	Kilfore Creek	20	6N	5E	7,300
11J14	U	Lamb's Canyon x	19	1S	3E	6,600
11H32P	U	Lost Creek	27	6N	5E	6,125
11J15P	U	Parley's Canyon Summit	9 & 10	1S	3E	7,600
11J38p	U	Porcupine	22	3N	7E	8,100
11J6	U	Reddon Mine (lower)	1	2S	6E	8,500
11J5	U	Reddon Mine (upper)	1	2S	6E	9,000
11J39p	U	Sergeant Lakes	17	1N	5E	8,400
11J40p	U	Shingle Mill Flat	15	1S	7E	9,900
11J16P	U	Silver Lake (Brighton) x	35	2S	3E	8,725
11J4P	U	Smith & Morehouse	25	1N	7E	7,600
10J8P	U	Trial Lake x	5	2S	9E	9,800

LEGEND

Numbering system (example)

10J7	SNOW COURSE ONLY
10J7P	SNOW COURSE AND PRECIPITATION GAGE
10J7M	SNOW COURSE AND SOIL MOISTURE STATION
10J7A	SNOW COURSE AND AERIAL MARKER
10J7MA	SNOW COURSE, SOIL MOISTURE STATION AND AERIAL MARKER
10J7MP	SNOW COURSE, SOIL MOISTURE STATION AND PRECIPITATION GAGE
10J7m	SOIL MOISTURE STATION ONLY
10J7a	AERIAL MARKER ONLY
10J7p	STORAGE PRECIPITATION GAGE ONLY
x	ADJACENT DRAINAGE

SNOW

DRAINAGE BASIN and SNOW COURSE			CURRENT INFORMATION			PAST RECORD	
NAME	NO.	ELEVATION	DATE OF SURVEY	SNOW DEPTH (Inches)	WATER CONTENT (Inches)	WATER CONTENT (Inches) LAST YEAR	WATER CONTENT (Inches) AVERAGE [a]

WEBER-OGDEN WATERSHEDS

OGDEN RIVER

Beaver Crk-Skunk Crk.	11H14	7150	4/25	21	9.0	8.0	3.3
Ben Lomond(lower)	11H9	5850	4/28	14	6.0	9.7	3.7b
Ben Lomond Peak	11H8	8000	4/28	84	43.8	35.1	30.6
Ben Lomond Trail	11H30	6000	4/28	14	6.0	7.5	5.3b
Cutler Creek	11H31	6780	4/28	61	30.5	22.5	23.8b
Dry Bread Pond	11H13	8230	4/25	48	22.0	16.0	13.9
Monte Cristo R.S.	11H12	8960	4/25	58	26.9	25.8	24.6
Sagebrush Flat	11H15	6300	4/25	0	0.0	0.0	0.0b

WEBER RIVER

Beaver Creek R.S.	11J24	7500	4/30	0	0.0	4.8	1.1
Chalk Creek #1	11J1	9100	4/25	62	26.3	26.5	23.2
Chalk Creek #2	11J2	8000	4/25	33	13.1	17.4	11.8
Chalk Creek #3	11J3	7500	4/25	0	0.0	7.0	1.9*
Farmington Canyon(lower)	11J12	6950	4/24	54	23.8	26.5	17.8
Farmington Canyon(upper)	11J11	8000	4/24	83	36.2	34.7	27.1b
Lamb's Canyon x	11J14	6600	4/30	18	7.5	12.8	6.3
Parley's Canyon Smt.	11J15	7500	4/30	22	10.3	21.1	10.4
Redden Mine(lower)	11J6	8500	4/29	44	21.8	20.7	14.9*
Redden Mine(upper)	11J5	9000	4/29	49	24.8	23.0	17.0
Silver Lake x	11J16	8725	4/29	59	36.2	35.6	24.2
Smith & Morehouse	11J4	7600	4/28	21	9.2	14.8	5.8
Trial Lake x	10J8	9300	4/30	67	31.6	29.6	27.3

FOOTNOTES - See last page

PRECIPITATION DATA (Inches)

DRAINAGE BASIN AND RAIN GAGE LOCATION	ELEVATION	CURRENT INFORMATION			FROM APPROX. OCT. 1 TO DATE		
		DATE OF READING	MONTH'S PRECIPITATION	1953-67 AVERAGE	THIS YEAR	1953-67 AVERAGE	PERCENT OF AVERAGE
OGDEN RIVER							
Ben Lomond(lower)	5850	4/28	1.84	4.72*	35.78	28.19*	127
Ben Lomond Trail	6000	4/28	2.93	7.07b	42.18	31.72*	133
Causey Dam	5500	4/25	1.78	2.95b	16.34	- -	- -
Dry Bread Pond	8230	4/25	2.89	4.00*	- -	23.90*	- -
Monte Cristo #2 x	8960	4/25	3.43	5.48b	33.53	30.13b	111
Sagebrush Flat	6300	4/25	1.69	2.63b	17.83	15.99b	112
WEBER RIVER							
Chalk Creek #1	9100	- -	- -	- -	- -	- -	- -
Chalk Creek #2	8000	- -	- -	3.32*	- -	18.28*	- -
Chalk Creek #3	7500	4/25	2.22	3.91b	16.78	16.64b	101
Farmington Guard Sta.	7500	4/24	5.42	5.54	39.58	32.30	122
Farmington Rice	7000	4/24	5.00	5.54	38.99	29.92	130
Mt. Dell Dam x	5500	4/30	2.80	2.88	15.98	14.72	108
Parley's Canyon Smt.	7500	4/30	4.19	4.71*	30.45	24.04*	127
Redden Mine(upper)	9000	4/29	4.45	- -	34.46	- -	- -
Silver Lake(Brighton) x	8725	4/30	2.30	6.58	41.39	30.73	135
Smith & Morehouse	7600	4/28	3.25	3.54*	23.73	19.99*	119
Trial Lake x	9800	4/30	3.55	3.87	32.19	25.05*	128

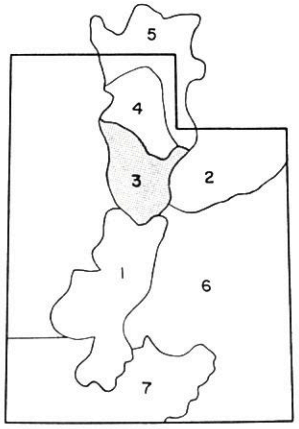
FOOTNOTES - See last page

UTAH LAKE, JORDAN RIVER AND TOOELE VALLEY WATERSHEDS

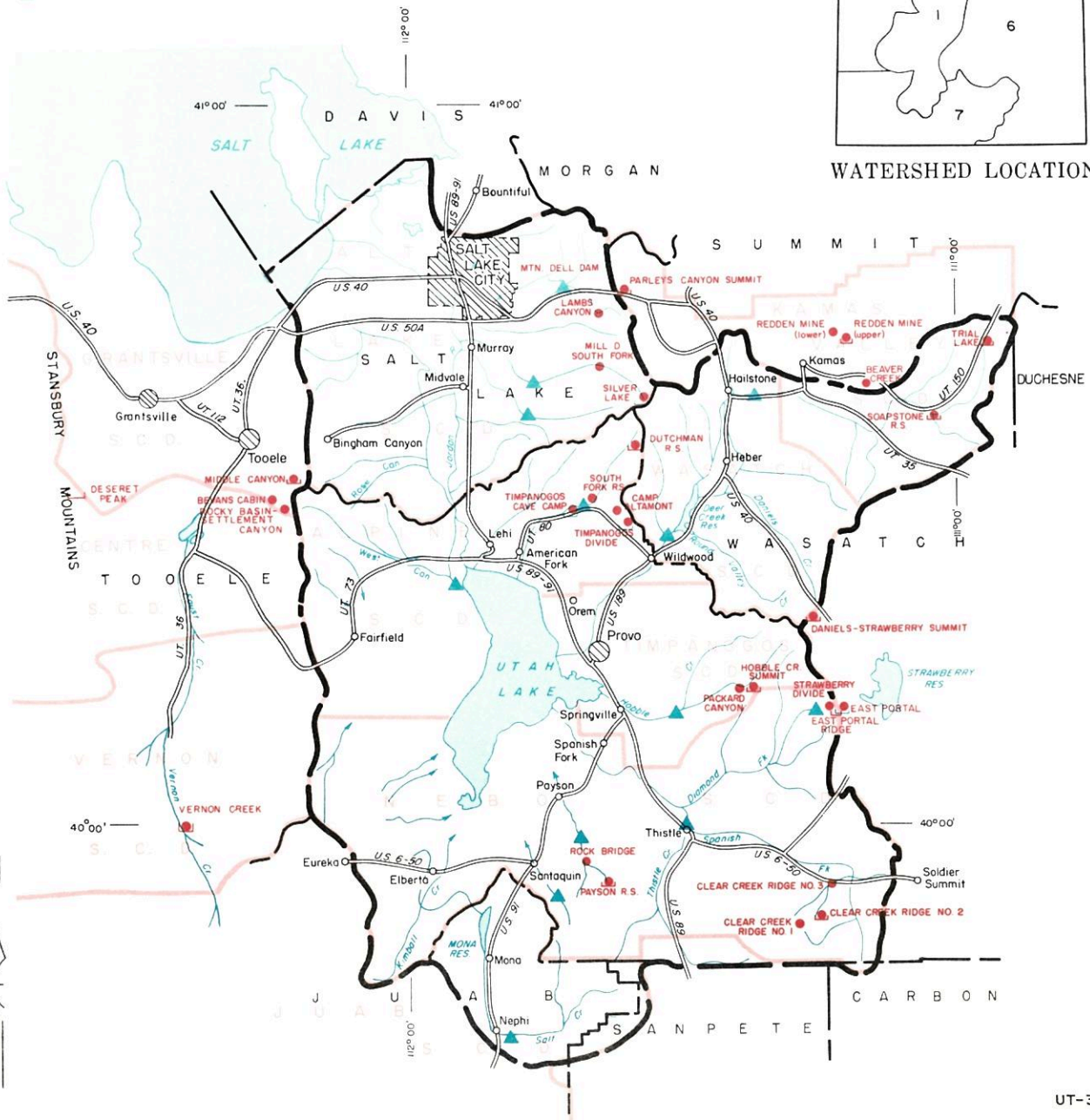
10 0 10 20 30
SCALE IN MILES

LEGEND

- Watershed Boundary
- Soil Conservation District Bdry.
- County Boundary
- Forecast Point
- Snow Course
- S.C.S. Storage Gage
- W.B. Storage Gage



WATERSHED LOCATION



USDA SCS-PORTLAND, OREG. 1968 M7-O-16253-3

UT-3c

INDEX

NO.	STATE	NAME	SEC.	TWP.	RGE.	ELEV.
		PROVO RIVER & UTAH LAKE				
11J20	U	Camp Altamont	29	4S	3E	7,300
11K21	U	Clear Creek Ridge #1	18	11S	6E	9,200
11K22P	U	Clear Creek Ridge #2	9	11S	6E	8,000
11K23	U	Clear Creek Ridge #3	27	10S	6E	6,600
11J23MP	U	Daniels-Strawberry Summit	20	2S	12W	8,000
11J17P	U	Dutchman R.S.	27	3S	3E	7,560
11J7P	U	East Portal	36	7S	6E	7,560
11J22P	U	Hobble Creek Summit	20	7S	5E	7,420
11J31	U	Packard Canyon	21	7S	5E	6,400
11K1P	U	Payson R.S.	30	10S	3E	8,050
11K2	U	Rock Bridge	14	10S	2E	6,750
11J25P	U	Soapstone R.S.	9	3S	8E	7,800
11J19	U	South Fork R.S.	24	4S	2E	6,100
11J8	U	Strawberry Divide	34 & 35	7S	6E	8,000
11J18	U	Timpanogos Cave Camp	27	4S	2E	5,500
11J21P	U	Timpanogos Divide	33	4S	3E	8,140
10J8P	U	Trial Lake	5	2S	9E	9,800
		JORDAN RIVER & GREAT SALT LAKE				
12J2	U	Bevan's Cabin	24	4S	4W	6,450
12J5p	U	Deseret Peak	15	4S	7W	9,250
11J12P	U	Farmington Canyon (lower)	14	3N	1E	6,950
11J11	U	Farmington Canyon (upper)	26	3N	1E	8,000
11J14	U	Lamb's Canyon	19	1S	3E	6,600
12J3P	U	Middle Canyon	8	4S	3W	7,000
11J10	U	Mill D South Fork	18	2S	3E	7,400
11J15P	U	Parley's Canyon Summit x	9 & 10	1S	3E	7,600
12J1	U	Rocky Basin-Settlement Canyon	30	4S	3W	8,900
11J16P	U	Silver Lake (Brighton)	35	2S	3E	8,725
12K2P	U	Vernon Creek	21	10S	5W	7,500

LEGEND

Numbering system (example)

10J7	SNOW COURSE ONLY
10J7P	SNOW COURSE AND PRECIPITATION GAGE
10J7M	SNOW COURSE AND SOIL MOISTURE STATION
10J7A	SNOW COURSE AND AERIAL MARKER
10J7MA	SNOW COURSE, SOIL MOISTURE STATION AND AERIAL MARKER
10J7MP	SNOW COURSE, SOIL MOISTURE STATION AND PRECIPITATION GAGE
10J7m	SOIL MOISTURE STATION ONLY
10J7a	AERIAL MARKER ONLY
10J7p	STORAGE PRECIPITATION GAGE ONLY
x	ADJACENT DRAINAGE

SNOW

DRAINAGE BASIN and SNOW COURSE			CURRENT INFORMATION			PAST RECORD	
						WATER CONTENT (Inches)	
NAME	NO.	ELEVATION	DATE OF SURVEY	SNOW DEPTH (Inches)	WATER CONTENT (Inches)	LAST YEAR	AVERAGE [a]

UTAH LAKE, JORDAN RIVER & TOOELE VALLEY WATERSHEDS

UTAH LAKE

Beaver Creek R.S.	11J24	7500	4/30	0	0.0	4.8	1.1
Camp Altamont	11J20	7300	4/29	27	14.0	12.5	4.9
Clear Creek Ridge # 1	11J1	9200	4/28	43	21.2	21.5	15.2b
Clear Creek Ridge # 2	11J2	8000	4/29	25	12.4	15.0	7.4b
Clear Creek Ridge # 3	11J3	6600	4/29	0	0.0	0.6	0.1b
Daniels Strawberry Smt.	11J23	8000	4/28	26	13.5	15.8	6.5
Dutchman R.S.	11J17	7500	4/29	28	14.0	14.2	8.1b
East Portal	11J7	7560	4/30	10	3.2	10.4	10.1b
Hobble Creek Summit	11J22	7300	4/25	19	7.7	13.1	5.1b
Packard Canyon	11J31	6400	4/25	0	0.0	1.8	0.8b
Payson R.S.	11K1	8050	4/24	32	14.8	21.2	11.7b
Rock Bridge	11K2	6750	4/24	0	0.0	11.2	3.4b
Soapstone R.S.	11J25	7800	4/30	9	3.4	13.3	5.7
Strawberry Divide	11J8	8000	4/30	42	18.2	22.6	- -
Timpanogos Divide	11J21	8140	4/29	63	34.4	26.8	18.4
Trial Lake	10J8	9800	4/30	67	31.6	29.6	27.3

JORDAN RIVER & TOOELE VALLEY

Bevan's Cabin	12J2	6450	4/25	20	7.2	8.8	1.7b
Lamb's Canyon	11J14	6600	4/30	18	7.5	12.8	6.3
Middle Canyon-Tooele	12J3	7000	4/25	30	12.8	14.2	6.0b
Mill D South Fork	11J10	7400	4/29	27	12.6	19.8	11.9
Parley's Canyon Smt. x	11J15	7500	4/30	22	10.3	21.1	10.4
Rocky Basin-Sttlmt. Cyn.	12J1	8900	4/27	78	39.3	31.7	24.2b
Silver Lake	11J16	8725	4/29	59	36.2	35.6	24.2
Vernon Creek	12K1	7500	4/24	17	7.0	3.8	- -

FOOTNOTES - See last page

PRECIPITATION DATA (Inches)

DRAINAGE BASIN AND RAIN GAGE LOCATION	ELEVATION	CURRENT INFORMATION			FROM APPROX. OCT. 1 TO DATE		
		DATE OF READING	MONTH'S PRECIPITATION	1953-67 AVERAGE	THIS YEAR	1953-67 AVERAGE	PERCENT OF AVERAGE
UTAH LAKE							
Clear Creek Ridge #2	8000	4/29	1.24	2.97b	23.24	17.29*	135
Daniels-Strawberry Smt.	8000	4/28	1.94	2.72*	27.31	19.83*	138
Dutchman R. S.	7500	4/29	2.90	3.91b	36.05	23.17b	156
East Portal Ridge	7800	4/30	2.50	3.63	25.59	20.53*	125
Hobble Creek Smt.	7300	4/24	2.75	- -	24.05	- -	- -
Payson R. S.	8050	4/24	1.95	3.59b	26.15	20.56	127
Soapstone R. S.	7800	4/30	2.81	2.94*	19.64	17.61*	112
Timpanogos Divide	8200	4/29	1.61	3.69	50.81	27.47	185
Trial Lake	9800	4/30	3.55	3.87	32.19	25.05*	128
JORDAN RIVER & TOOELE VALLEY							
Middle Canyon	7000	4/25	3.85	4.42b	29.54	20.85*	142
Mt. Dell Dam	5500	4/30	2.80	2.88	15.98	14.72	109
Parley's Canyon Smt.	7500	4/30	4.19	4.71	30.45	24.04	127
Silver Lake(Brighton)	8725	4/30	2.30	6.58	41.39	30.73	135
Vernon Creek	7500	4/24	2.30	- -	23.67	- -	- -

FOOTNOTES - See last page

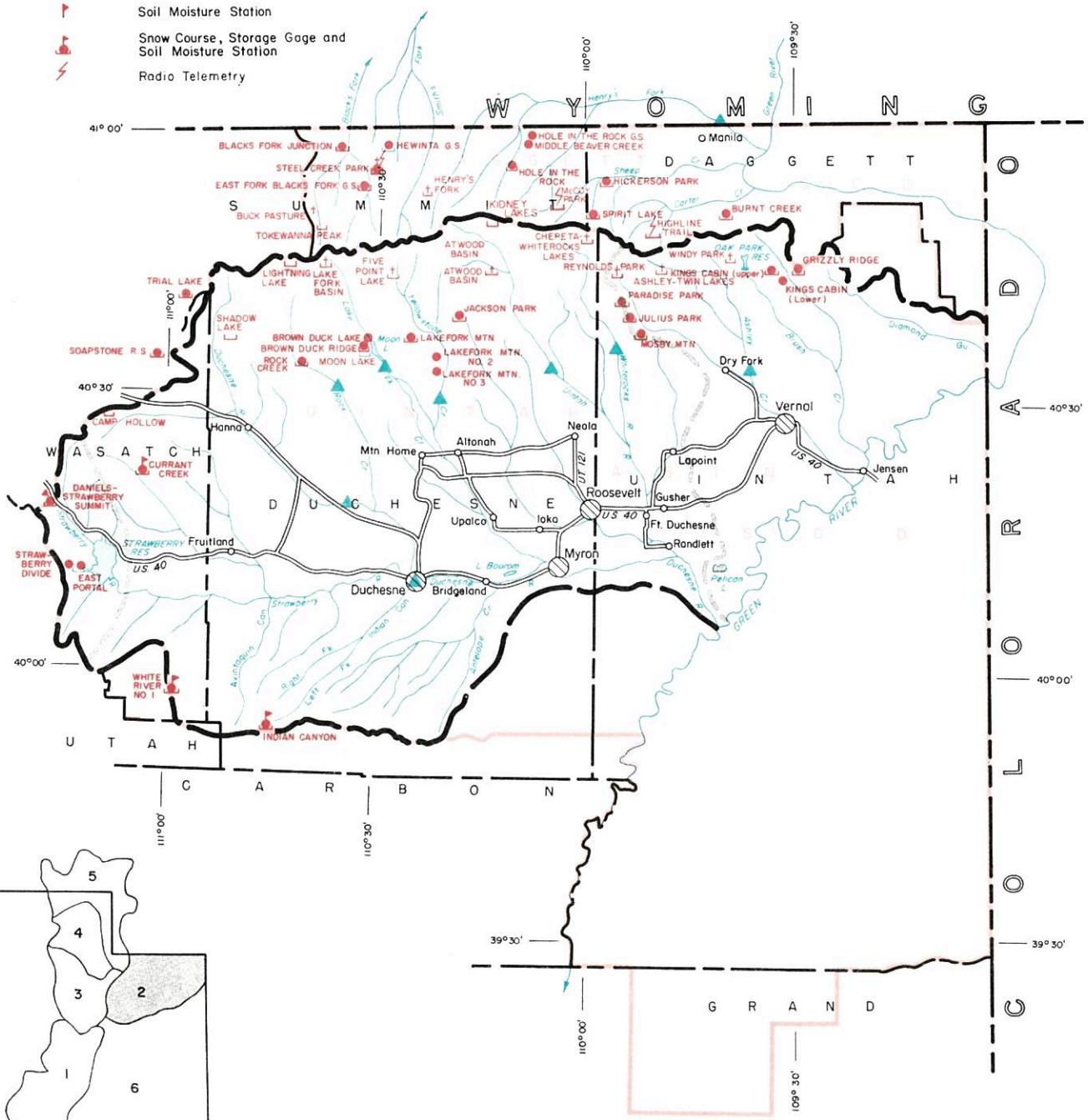
UINTAH BASIN & DAGGETT S. C. D's.

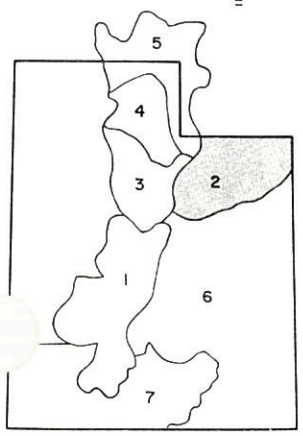
LEGEND

- Watershed Boundary
- Sub-watershed Boundary
- Soil Conservation District Bdry.
- County Boundary
- Forecast Point
- Snow Course
- S.C.S. Storage Gage
- W.B. Storage Gage
- Aerial Snow Depth Gage
- Snow Course and Aerial Snow Depth Gage
- Soil Moisture Station
- Snow Course, Storage Gage and Soil Moisture Station
- Radio Telemetry

N

SCALE IN MILES: 5 0 5 10 15 20





WATERSHED LOCATION

USDA SCS PORTLAND, OREG. 1988 M7-O-16253-2

UT-2c

INDEX

NO.	STATE	NAME	SEC.	TWP.	RGE.	ELEV.
		UPPER GREEN RIVER IN UTAH (above Duchesne River)				
9J11a	U	Ashley Twin Lakes	20	1S	19E	10,500
10J21P	U	Black's Fork G.S.-East Fork	25	2N	12E	9,300
10J22P	U	Black's Fork Junction	33	3N	12E	8,925
10J23a	U	Buck Pasture	14	1N	11E	9,700
10J4P	U	Hewinta G.S.	33	3N	13E	9,500
9J8	U	Hickerson Park	24	2N	17E	9,100
9J15p	U	Highline Trail	23	1N	19E	10,250
10J1	U	Hole-in-the-Rock	13	2N	15E	9,150
10J3	U	Hole-in-the-Rock G.S.	32	3N	16E	8,300
9J2	U	King's Cabin (lower)	23 & 26	1S	21E	8,600
9J1P	U	King's Cabin (upper)	22	1S	21E	8,730
10J37p	U	McCoy Park	6	1N	17E	10,680
10J2	U	Middle Beaver Creek	31	3N	16E	8,550
9J7P	U	Spirit Lake	10	1N	17E	10,300
10J20A	U	Steel Creek Park	17	2N	13E	9,900
9J12a	U	Windy Park	1	1S	20E	9,400
		DUCHESNE RIVER				
10J27a	U	Atwood Basin	21	1S	15E	10,250
10J9	U	Brown Duck Lake	2	2N	6W	10,300
9J9a	U	Chepeta-Whiterocks Lakes	3	1S	17E	10,300
11J32MP	U	Currant Creek	31	1S	10W	7,800
11J23MP	U	Daniels-Strawberry Summit x	20	2S	12W	8,000
11J7P	U	East Portal x	36	7S	6E	7,560
10J26a	U	Five Point Lake	28	4N	5W	11,000
10K1P	U	Indian Canyon	2	11S	10E	9,100
10J19	U	Jackson Park	23	3N	4W	11,300
9J6P	U	Julius Park	20	3N	1E	9,800
10J25a	U	Lakefork Basin	13	4N	7W	11,100
10J10P	U	Lakefork Mountain	2 & 3	2N	5W	10,200
10J11	U	Lakefork Mountain #2	17	2N	4W	8,900
10J12	U	Lakefork Mountain #3	29	2N	4W	8,100
9J5	U	Mosby Mountain	27	2S	18E	9,500
9J3P	U	Paradise Park	7	3N	1E	10,100
10J18P	U	Rock Creek	21	2N	7W	7,900
10J25P	U	Soapstone R.S. x	9	3S	8E	7,800
11J8	U	Strawberry Divide x	34 & 35	7S	6E	8,000
10J8P	U	Trial Lake x	5	2S	9E	9,800
10K2MP	U	White River #1 x	11	10S	8E	8,550

LEGEND

Numbering system (example)

10J7	SNOW COURSE ONLY
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10J7M	SNOW COURSE AND SOIL MOISTURE STATION
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x	ADJACENT DRAINAGE

SNOW

DRAINAGE BASIN and SNOW COURSE			CURRENT INFORMATION			PAST RECORD	
NAME	NO.	ELEVATION	DATE OF SURVEY	SNOW DEPTH (Inches)	WATER CONTENT (Inches)	WATER CONTENT (Inches) LAST YEAR	WATER CONTENT (Inches) AVERAGE [a]

UINTAH BASIN & DAGGETT SCD's

UINTAH BASIN SCD

Currant Creek	11J32	7800	4/28	8	3.6	4.3	1.3b
Daniels Strawberry Smt.	11J23	8000	4/28	26	13.5	15.8	6.5
Grizzly Ridge	9J13	8500	4/23	26	11.0	17.4	- -
Indian Canyon	10K1	9100	4/29	28	14.4	17.6	7.8*
Julius Park	9J6	9800	4/22	48	21.2	16.4	11.8b
King's Cabin (lower)	9J2	8600	4/23	19	8.4	14.4	4.7
King's Cabin (upper)	9J1	8730	4/23	29	12.3	14.7	7.0
Lakefork Mountain	10J10	10500	4/25	36	16.6	16.2	10.8
Lakefork Mountain # 2	10J11	8900	4/25	12	5.4	9.4	3.0b
Lakefork Mountain # 3	10J12	8100	4/25	5	2.5	6.7	0.7b
Mosby Mountain	9J5	9500	4/22	38	16.4	13.4	9.0b
Paradise Park	9J3	10100	4/22	50	21.7	15.9	11.6b
Soapstone R.S. x	11J25	7800	4/30	9	3.4	13.3	5.7
Trial Lake x	10J8	9800	4/30	67	31.6	29.6	27.3
White River # 1	10K2	8600	4/29	20	9.8	16.6	7.4*

DAGGETT SCD

Black's Fork Jct.	10J22	8925	4/23	16	5.3	11.4	7.9b
Burnt Creek	9J14	7900	- -	--	- -	5.4	- -
E.Fk.Black's Fork G.S.	10J21	9300	4/23	18	7.2	13.3	9.7b
Hewinta Guard Station	10J4	9500	4/23	21	7.8	12.3	9.9b
Hickerson Park	9J8	9100	4/23	10	3.7	8.6	- -
Spirit Lake	9J7	10300	4/23	37	14.2	17.4	14.4b
Steel Creek Park	10J20	9900	4/23	49	15.8	20.1	17.7b

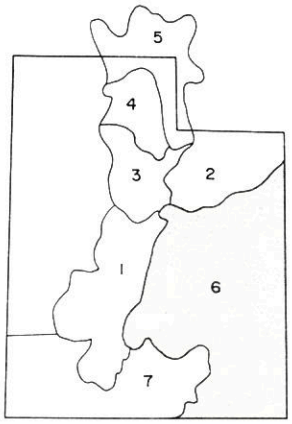
FOOTNOTES - See last page

PRECIPITATION DATA (Inches)

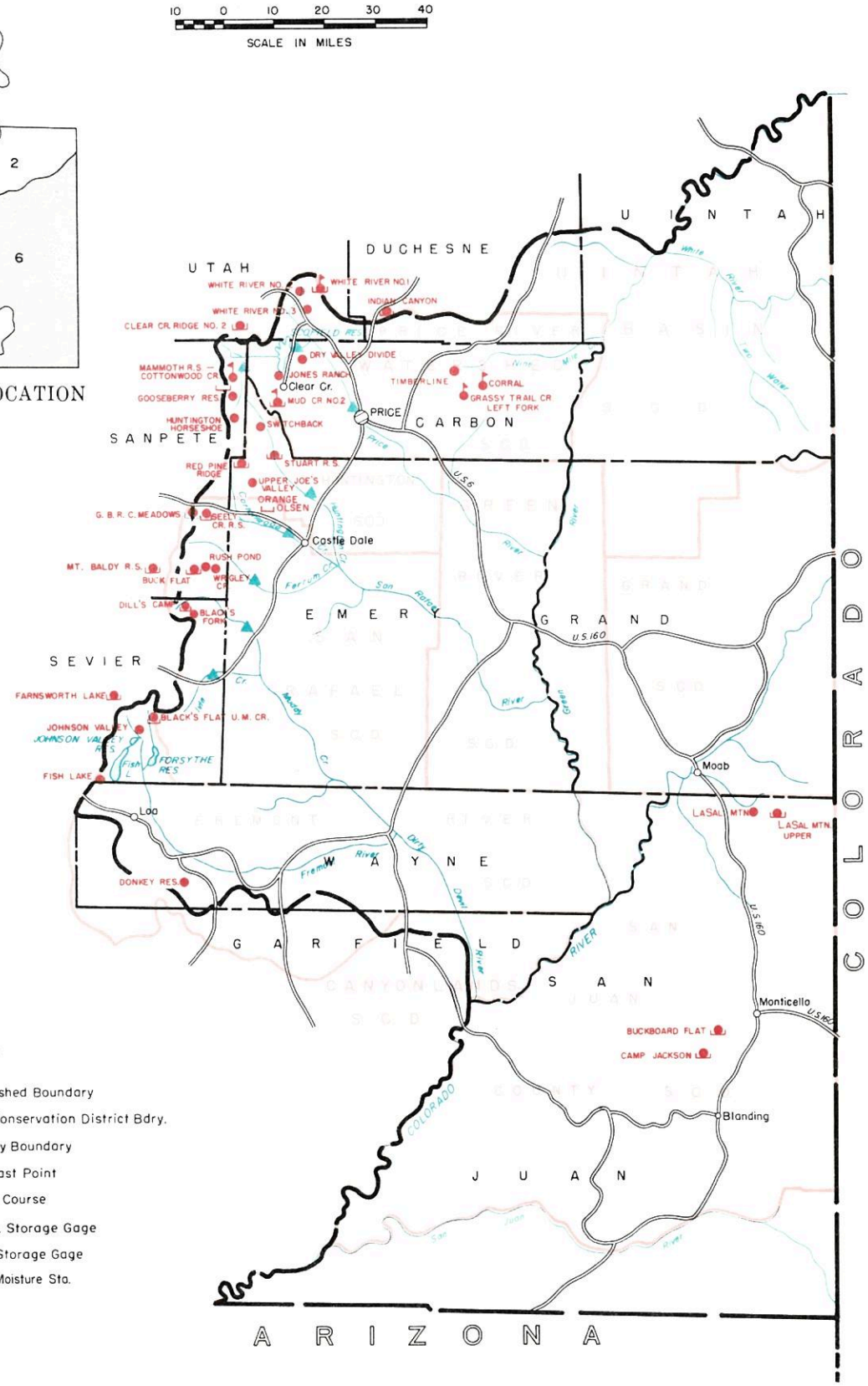
DRAINAGE BASIN AND RAIN GAGE LOCATION	ELEVATION	CURRENT INFORMATION			FROM APPROX. OCT. 1 TO DATE		
		DATE OF READING	MONTH'S PRECIPITATION	1953-67 AVERAGE	THIS YEAR	1953-67 AVERAGE	PERCENT OF AVERAGE
UINTAH BASIN SCD							
Currant Creek	7800	4/28	1.51	2.26b	20.67	14.61b	141
Daniels-Strawberry Smt.x	8000	4/28	1.94	2.72*	27.31	19.83*	138
East Portal Ridge x	7800	4/30	2.50	3.63	25.59	20.53*	
Grizzly Ridge	8500	4/23	2.45	- -	19.90	- -	- -
Indian Canyon	9100	4/29	1.44	2.35b	20.01	15.41b	130
Julius Park	9800	4/22	2.25	2.99b	20.63	14.23*	145
King's Cabin(upper)	8730	4/23	3.11	2.84	17.03	12.88*	132
Lakefork Mountain	10500	4/25	1.84	2.55*	18.62	13.64*	136
Moon Lake	8150	4/30	0.60*	1.47	10.45	9.01	116
Mosby Mountain	9500	4/22	2.31	- -	19.98	- -	- -
Paradise Park	10100	4/22	2.65	2.98b	21.79	15.52*	140
Rock Creek	7900	4/30	1.68	2.14b	15.60	12.56b	
Soapstone R. S. x	7800	4/30	2.81	2.94*	19.64	17.61*	112
Trial Lake x	9800	4/30	3.55	3.87	32.19	25.05*	128
White River #1 x	8600	4/29	0.95	2.61b	13.51	15.59*	87
DAGGETT SCD							
Black's Fork Jct.	8925	4/23	2.87	2.75b	12.78	13.08b	98
Burnt Creek	7900	4/24	2.49	- -	11.07	- -	- -
East Fk. Black's Fk.G.S.	9300	4/23	3.14	2.95b	13.38	14.01b	
Hewinta Guard Sta.	9500	4/23	3.41	3.18b	14.82	14.95b	99
Spirit Lake	10300	4/23	3.10	4.35b	18.13	18.33*	99
Steel Creek Park	9900	- -	- -	- -	- -	- -	- -
Hickerson Park	9100	4/23	3.51	- -	10.40	- -	- -

FOOTNOTES - See last page

CARBON, EMERY, WAYNE, GRAND AND SAN JUAN COUNTIES



WATERSHED LOCATION



USDA-SCS-PORTLAND, OREG. 1988 M7-O-16253-6

INDEX

NO.	STATE	NAME	SEC.	TWP.	RGE.	ELEV.
		PRICE RIVER				
10K5M	U	Corral	32	13S	14E	8,200
11K8	U	Dry Valley Divide	20	12S	8E	7,800
11K4P	U	Gooseberry Reservoir	25	13S	5E	8,700
10K3M	U	Grassy Trail Creek-Left Fork	2	14S	13E	7,970
11K5	U	Huntington-Horseshoe	12	14S	5E	9,800
10K1P	U	Indian Canyon x	2	11S	10E	9,100
11K7	U	Jones Ranch	32	12S	7E	7,600
11K3MP	U	Mammoth R.S. - Cottonwood Creek x	13 & 23	13S	5E	8,800
11K33MP	U	Mud Creek	4	14S	7E	8,300
10K6	U	Timberline	28	13S	13E	9,100
10K2MP	U	White River #1	11	10S	8E	8,550
11K24	U	White River #2	9	10S	8E	7,600
11K25	U	White River #3	30	10S	8E	7,400
		SAN RAFAEL RIVER				
11K31P	U	Buck Flat	23	19S	4E	9,400
11K4P	U	Gooseberry Reservoir	25	13S	5E	8,700
11K5	U	Huntington-Horseshoe	12	14S	5E	9,800
11K28P	U	Red Pine Ridge	5	16S	6E	9,400
11K38	U	Rush Pond	24	19S	4E	9,800
11K9	U	Seeley Creek R.S.	25	17S	4E	10,000
11K27P	U	Stuart R.S.	8 & 9	15S	7E	7,950
11K26	U	Switchback	14	14S	6E	8,600
11K29	U	Upper Joe's Valley	21	16S	6E	8,800
11K32	U	Wrigley Creek	27	19S	5E	9,000
		MUDDY RIVER				
11K14	U	Black's Fork	34	20S	4E	9,200
11K15	U	Dill's Camp	27	20S	4E	9,200
		FREMONT RIVER				
11L4P	U	Black's Flat-U.M. Creek	33	24S	3E	9,250
11L5	U	Donkey Reservoir	9	30S	4E	9,800
11L3	U	Fish Lake	35	26S	1E	8,700
11L6	U	Johnson Valley	24	25S	2E	8,850
		SOUTHEASTERN UTAH DRAINAGES				
9M1P	U	Buckboard Flat	36	33S	22E	9,000
9M2P	U	Camp Jackson	22	34S	22E	8,600
9L1	U	LaSal Mountain	5	27S	24E	8,800
9L2P	U	LaSal Mountain (upper)	3	27S	24E	9,400

LEGEND

Numbering system (example)

10J7	SNOW COURSE ONLY
10J7P	SNOW COURSE AND PRECIPITATION GAGE
10J7M	SNOW COURSE AND SOIL MOISTURE STATION
10J7A	SNOW COURSE AND AERIAL MARKER
10J7MA	SNOW COURSE, SOIL MOISTURE STATION AND AERIAL MARKER
10J7MP	SNOW COURSE, SOIL MOISTURE STATION AND PRECIPITATION GAGE
10J7m	SOIL MOISTURE STATION ONLY
10J7a	AERIAL MARKER ONLY
10J7p	STORAGE PRECIPITATION GAGE ONLY
x	ADJACENT DRAINAGE

SNOW

DRAINAGE BASIN and SNOW COURSE			CURRENT INFORMATION			PAST RECORD	
NAME	NO.	ELEVATION	DATE OF SURVEY	SNOW DEPTH (Inches)	WATER CONTENT (Inches)	WATER CONTENT (Inches) LAST YEAR	WATER CONTENT (Inches) AVERAGE [a]

CARBON, EMERY, WAYNE, GRAND, & SAN JUAN COUNTIES

PRICE RIVER

Corral	10K5	8200	Not measured			8.4	2.6b
Dry Valley Divide	11K8	7800	4/28	5	2.1	12.6	3.9b
Gooseberry Reservior	11K4	8700	5/1	42	21.6	25.5	16.1b
Grassey Trail Creek	10K3	7970	Not measured			10.8	16.1b
Indian Canyon x	10K1	9100	4/29	28	14.4	17.6	7.8*
Mammoth R.S. CtWd.Cr. x	11K3	8800	5/1	44	22.3	26.2	16.1b
Mud Creek # 2	11K33	8300	4/28	20	9.4	12.9	7.4b
Timberline	10K6	9100	Not measured			20.1	14.8b
White River # 1	10K2	8600	4/29	20	9.8	16.6	7.4*
White River # 2	11K24	7600	4/29	0	0.0	8.0	1.0b
White River # 3	11K25	7400	4/29	0	0.0	0.0	0.2b

SAN RAFAEL RIVER

Buck Flat	11K31	9400	4/27	44	20.2	19.6	15.6b
Gooseberry Reservior x	11K4	8700	5/1	42	21.6	25.5	16.1b
Red Pine Ridge	11K28	9400	4/25	36	15.8	22.0	14.1b
Rush Pond	11K38	9800	4/27	39	16.7	14.4	11.1b
Seely Creek R.S.	11K9	10000	4/30	37	17.6	25.6	15.6b
Stuart R.S.	11K27	7950	4/25	6	1.9	6.3	1.0b
Switchback	11K26	8600	4/25	37	17.4	19.2	11.9b
Upper Joe's Valley	11K29	8800	4/26	17	6.3	10.3	4.9b
Wrigley Creek	11K32	9000	4/27	24	10.6	11.8	6.5b

FREMONT RIVER

Black's Flat-U.M. Creek	11L4	9250	4/24	25	10.8	14.6	7.7b
Farnsworth Lake x	11L1	9900	4/29	53	23.8	27.4	18.8b
Fish Lake	11L3	8700	4/24	15	6.8	13.0	2.0b
Johnson Valley	11L6	8850	4/24	13	5.3	11.0	2.2b

SOUTHEASTERN UTAH DRAINAGES

Buckboard Flat	9M1	9000	4/21	24	11.1	14.0	5.2b
Camp Jackson	9M2	8600	4/22	25	12.4	14.8	2.9b
LaSal Mountain	9L1	8800	4/23	0	0.0	13.5	1.5b
LaSal Mountain (upper)	9L2	9600	4/23	24	12.0	23.8	10.4b

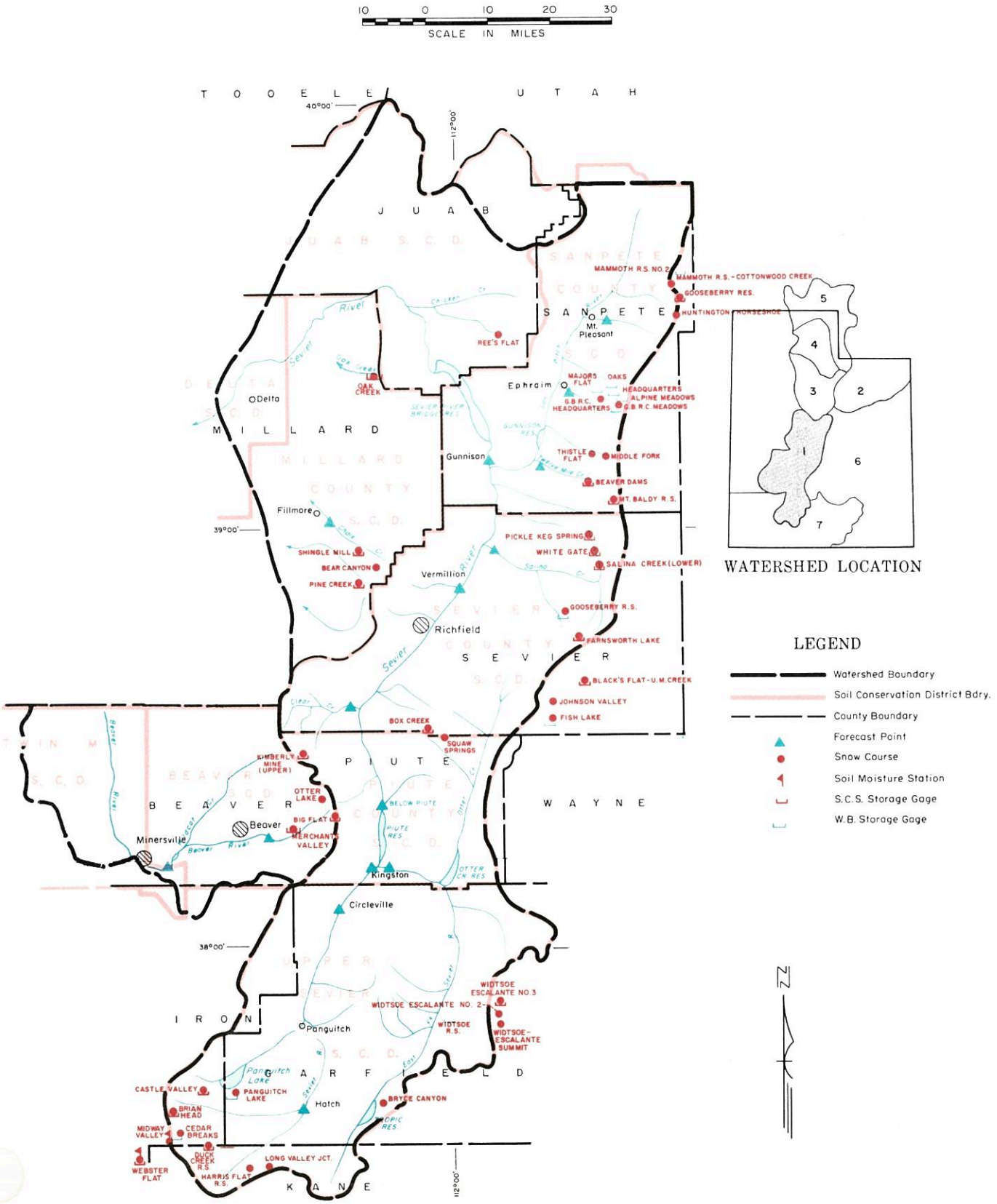
FOOTNOTES - See last page

PRECIPITATION DATA (Inches)

DRAINAGE BASIN AND RAIN GAGE LOCATION	ELEVATION	CURRENT INFORMATION			FROM APPROX. OCT. 1 TO DATE		
		DATE OF READING	MONTH'S PRECIPITATION	1953-67 AVERAGE	THIS YEAR	1953-67 AVERAGE	PERCENT OF AVERAGE
PRICE RIVER							
Clear Creek Ridge #2	8000	4/29	1.24	2.97b	23.24	17.29*	134
Gooseberry Reservoir	8700	5/1	2.36	3.36*	28.42	20.63*	138
Indian Canyon	9100	4/29	1.44	2.35b	20.01	15.41b	130
Mammoth R.S. #2	8600	5/1	2.47	3.52b	30.26	21.75*	139
Mud Creek	8300	4/28	0.95	2.52*	22.00	16.82*	131
White River #1	8600	4/29	0.95	2.61b	13.51	15.59*	87
SAN RAFAEL RIVER							
Buck Flat	9400	4/27	1.25	3.22b	24.45	19.37*	126
Gooseberry Reservoir x	8700	5/1	2.36	3.36*	28.42	20.63*	138
Orange Olsen	7300	4/25	0.20	- -	10.35	- -	- -
Red Pine Ridge	9400	4/25	1.10	3.64b	25.60	22.62*	113
Stuart R. S.	7950	4/25	1.15	2.15b	16.35	13.36*	122
FREMONT RIVER							
Black's Flat-U.M. Creek	9250	4/24	1.20	2.54b	17.08	14.34*	119
Farnsworth Lake x	9900	4/29	3.81	4.21*	26.10	22.36b	117
Fish Lake	8700	4/24	1.36*	1.93b	14.05*	10.04b	140
SOUTHEASTERN UTAH DRAINAGES							
Buckboard Flat	9000	4/21	0.80	2.94b	22.19	19.86b	112
Camp Jackson	8600	4/22	0.60	2.28*	25.63	16.59*	154
LaSal Mountain(upper)	9600	4/23	0.90	2.30b	18.29	16.86*	108

FOOTNOTES - See last page

SEVIER RIVER BASIN including BEAVER RIVER



USDA-SCS PORTLAND, OREG. 1969 M7-0-16253-1

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INDEX

NO.	STATE	NAME	SEC.	TWP.	RGE.	ELEV.
		UPPER SEVIER RIVER (South of Richfield, Utah)				
12L7P	U	Big Flat x	18	29S	4W	10,290
12L4P	U	Box Creek	33	26S	2W	9,800
12M8	U	Bryce Canyon	36	36S	4W	8,000
12M13P	U	Castle Valley	22	36S	8W	9,700
12M1P	U	Cedar Breaks	2	37S	9W	10,390
12M4P	U	Duck Creek R.S.	11	38S	8W	8,560
11L3	U	Fish Lake x	35	26S	1E	8,700
12M5	U	Harris Flat	24	38S	7W	7,700
12L6P	U	Kimberly Mine	11	27S	5W	9,100
12M6	U	Long Valley Junction x	22	38S	6W	7,500
12M2M	U	Midway Valley	26	37S	9W	9,800
12M7P	U	Panguitch Lake	4 & 5	36S	7W	8,200
12L5	U	Squaw Springs	3	27S	2W	9,300
11M1	U	Widtsoe-Escalante Summit	22	34S	1W	9,500
11M2	U	Widtsoe-Escalante #2	22	34S	1W	9,500
11M3P	U	Widtsoe-Escalante #3	22	34S	1W	9,500
11M4P	U	Widtsoe R.S.	22	34S	2W	7,600
		LOWER SEVIER RIVER (Including San Pitch River)				
12L3	U	Bear Canyon	17	22S	3W	7,200
11K13P	U	Beaver Dams	27	19S	3E	8,000
11L1P	U	Farnsworth Lake	27 & 33	23S	2E	9,900
11K11P	U	G.B.R.C. Headquarters	21	17S	4E	8,700
11K10	U	G.B.R.C. Meadows	26 & 27	17S	4E	10,000
11L2	U	Gooseberry R.S.	32	23S	2E	8,400
11K4P	U	Gooseberry Reservoir x	25	13S	5E	8,700
11K5	U	Huntington-Horseshoe x	12	14S	5E	9,800
11K3MP	U	Mammoth R.S.-Cottonwood Creek	13	13S	5E	8,800
11K34	U	Middle Fork	16	18S	4E	9,600
11K12P	U	Mt. Baldy R.S.	19	19S	4E	9,500
11K2P	U	Oak Creek	9	17S	3W	7,760
12L1P	U	Pine Creek	24	22S	4W	8,700
11K36	U	Rees's Flat	24	15S	2E	7,300
12L11P	U	Shingle Mill	5	22S	3W	6,200
11K35	U	Thistle Flat	24	18S	4E	8,500
		BEAVER RIVER				
12L7P	U	Big Flat	18	29S	4W	10,290
12L9P	U	Merchant's Valley	8 & 9	29S	5W	8,200
12L8	U	Otter Lake	1	29S	5W	9,300

LEGEND

Numbering system (example)

10J7	SNOW COURSE ONLY
10J7P	SNOW COURSE AND PRECIPITATION GAGE
10J7M	SNOW COURSE AND SOIL MOISTURE STATION
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10J7a	AERIAL MARKER ONLY
10J7p	STORAGE PRECIPITATION GAGE ONLY
x	ADJACENT DRAINAGE

SNOW

DRAINAGE BASIN and SNOW COURSE			CURRENT INFORMATION			PAST RECORD	
NAME	NO.	ELEVATION	DATE OF SURVEY	SNOW DEPTH (Inches)	WATER CONTENT (Inches)	WATER CONTENT (Inches) LAST YEAR	WATER CONTENT (Inches) AVERAGE [a]

SEVIER RIVER BASIN including BEAVER RIVER

UPPER SEVIER RIVER - South of Richfield , Utah

Big Flat x	12L7	10290	4/25	68	27.3	21.3	17.8
Box Creek	12L4	9800	4/25	40	17.1	17.2	10.2b
Castle Valley	12M13	9700	4/30	26	13.0	9.1	6.7b
Cedar Breaks	12M1	10390	4/28	77	39.1	25.6	18.2
Duck Creek R.S.	12M4	8560	4/29	40	21.6	11.0	4.6
Fish Lake	11L3	8700	4/24	15	6.8	13.0	2.0b
Harris Flat R.S.	12M5	7700	4/29	13	6.2	0.0	0.7
Kimberly Mine	12L6	8900	4/29	43	19.8	22.0	12.8b
Midway Valley	12M2	9800	4/28	78	39.5	25.7	19.7b
Panguitch Lake	12M7	8200	4/30	0	0.0	0.0	0.1
Squaw Springs	12L5	9300	4/25	19	7.6	10.7	2.6b
Widtsoe- Escalante	11M1	9500	4/28	4	1.8	7.0	2.6
Widtsoe-Escalante # 2	11M2	9500	4/28	21	8.6	10.1	5.3
Widtsoe- Escalante # 3	11M3	9500	4/28	26	11.7	13.7	7.4b

LOWER SEVIER RIVER - including San Pitch

Beaver Dams	11K13	8000	4/25	20	8.1	14.8	5.8
Farnsworth Lake	11L1	9900	4/29	53	23.8	27.4	18.8
G.B.R.C. Headquarters	11K11	8700	4/30	36	16.5	23.7	13.5
G.B.R.C. Meadows	11K10	10000	4/30	63	30.2	33.3	26.3
Gooseberry R.S.	11L2	8400	4/29	21	9.8	16.8	6.9
Gooseberry Reservoir x	11K4	8700	5/1	42	21.6	25.5	16.1b
Mammonth R.S.-Ctnwd. Crk.	11K3	8800	5/1	44	22.3	26.2	16.1b
Mt. Baldy R.S.	11K12	9500	4/25	76	30.6	30.5	22.9
Oak Creek	12K2	7760	4/29	28	12.2	15.5	- -
Pickle Keg Springs	11K39	9600	Data delayed			22.0	- -
Pine Creek	12L1	8700	4/28	39	18.2	23.5	11.0b
Salina Creek (lower)	11L8	7250	Data delayed			0.0	- -
Shingle Mill	12L11	6200	4/28	10	4.2	7.9	0.8b
White Gate	11L7	9350	Data delayed			14.5	- -
Big Flat	12L7	10290	4/25	68	27.3	21.3	17.8
Merchant Valley	12L9	8200	4/25	23	11.6	12.9	2.8
Otter Lake	12L8	9300	4/25	52	23.6	18.9	12.2

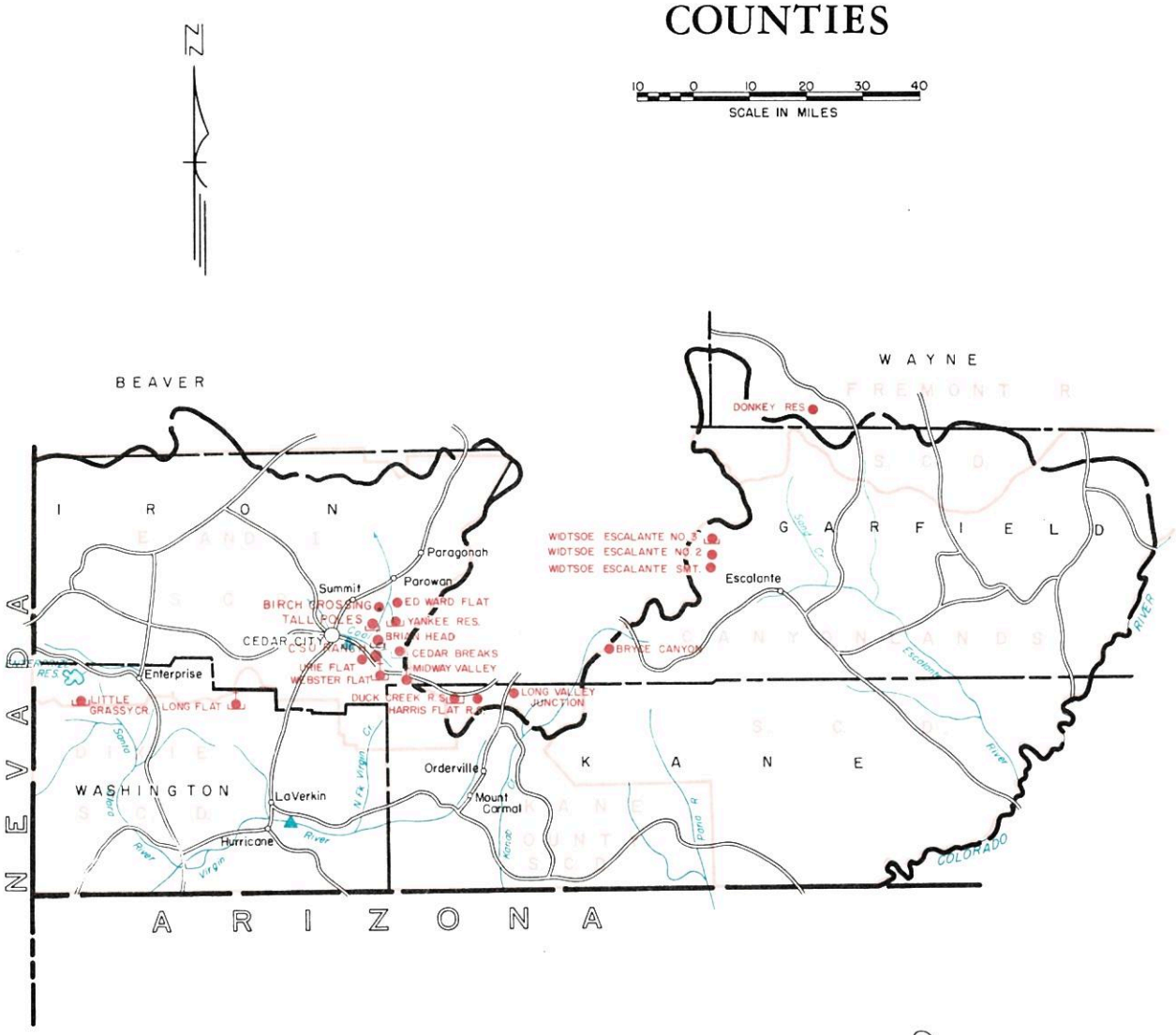
FOOTNOTES - See last page

PRECIPITATION DATA (Inches)

DRAINAGE BASIN AND RAIN GAGE LOCATION	ELEVATION	CURRENT INFORMATION			FROM APPROX. OCT. 1 TO DATE		
		DATE OF READING	MONTH'S PRECIPITATION	1953-67 AVERAGE	THIS YEAR	1953-67 AVERAGE	PERCENT OF AVERAGE
Beaver Dams	8000	4/25	2.95	2.72b	20.50	17.04*	120
Big Flat x	10290	4/25	2.37	3.30*	28.27	18.82*	150
Box Creek	9800	4/25	2.30	2.86b	22.20	16.06b	138
Castle Valley	9700	4/30	1.60	3.60b	24.45	18.09b	135
Cedar Breaks	10390	4/28	1.85	3.28	30.10	18.91*	159
Duck Creek R. S.	8560	4/29	1.10	3.10	32.10	19.75*	162
Farnsworth Lake	9900	4/29	3.81	4.21*	26.10	22.36b	117
Fish Lake	8700	4/24	1.36*	1.93b	14.05*	10.04b	140
G.B.R.C. Headquarters	8700	4/30	2.55	3.78	22.60	21.35	106
G.B.R.C. Meadows	10000	4/30	3.50	4.06	28.25	25.09	112
G.B.R.C. Oaks	7655	4/30	2.01	2.58	16.22	14.63	111
Gooseberry R. S.	7800	4/29	3.04	2.50*	18.62	15.09*	123
Gooseberry Reservoir x	8700	5/1	2.36	3.36*	28.42	20.63*	138
Kimberly Mine	8900	4/29	3.35	4.21*	29.20	21.33*	137
Mammoth R.S. #2 x	8600	5/1	2.47	3.52b	30.26	21.75*	139
Mt. Baldy	9500	4/25	3.50	3.49b	27.05	19.34*	140
Panguitch Lake	8200	4/30	0.76	1.32b	11.96	8.12b	147
Pickle Keg Springs	9600	Data delayed		- -	- -	- -	- -
Pine Creek	8700	4/28	6.75	4.80b	33.47	26.54b	126
Salina Creek(lower)	7250	Data delayed		- -	- -	- -	- -
Shingle Mill	6200	4/28	4.27	2.79b	21.48	16.54*	130
Webster Flat x	9200	4/28	1.40	4.05	33.00	22.00*	150
White Gate	9350	Data delayed		- -	- -	- -	- -
Widtsoe-Escalante #3	9500	4/28	0.40	2.75*	16.50	15.19b	109
Widtsoe R.S.	7600	4/28	0.20	0.82	6.50	5.37	121
Oak Creek	7760	4/29	2.63	- -	24.63	- -	- -
Beaver Canyon P.H.	7275	4/30	1.61	2.10	14.24	- -	- -
Big Flat	10290	4/25	2.37	3.30*	28.27	18.82*	150
Merchant's Valley	8650	4/25	2.42	- -	22.86	- -	- -

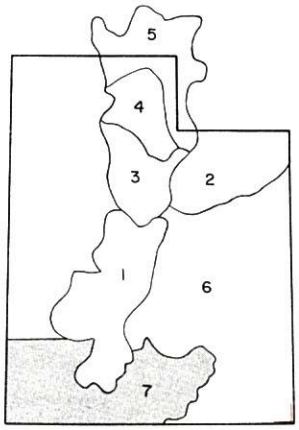
FOOTNOTES - See last page

EAST GARFIELD, KANE, WASHINGTON AND IRON COUNTIES



LEGEND

- Watershed Boundary
- Soil Conservation District Bdry.
- County Boundary
- Forecast Point
- Snow Course
- Aerial Snow Depth Gage
- S.C.S. Storage Gage
- W.B. Storage Gage



WATERSHED LOCATION

USDA SCS PORTLAND, OREG. 1968 M-7-0-16253-7

INDEX

NO.	STATE	NAME	SEC.	TWP.	RGE.	ELEV
		PARIA RIVER				
12M8	U	Bryce Canyon x	36	36S	4W	8,000
		PAROWAN CREEK				
12M16	U	Birch Crossing	23	35S	9W	8,100
12M14	U	Brian Head	10	36S	9W	10,000
12M12	U	Ed Ward Flat	17	35S	8W	8,300
12M15	U	Tall Poles	26 & 35	35S	9W	8,800
12M11P	U	Yankee Reservoir	20	35S	8W	8,700
		COAL CREEK				
12M1P	U	Cedar Breaks x	2	37S	9W	10,390
12M17	U	CSU Ranch	18	37S	9W	8,200
12M2M	U	Midway Valley x	26	37S	9W	9,800
12M10	U	Urie Flat	11	37S	10W	8,450
12M3MP	U	Webster Flat x	20	37S	9W	9,200
		ENTERPRISE TO NEW HARMONY DRAINAGES				
13M4MP	U	Little Grassy Creek	15	38S	17W	6,100
13M2MP	U	Long Flat	2	38S	14W	8,000
		ESCALANTE RIVER				
11M1	U	Widtsoe-Escalante Summit	22	34S	1W	9,500
11M2	U	Widtsoe-Escalante #2	22	34S	1W	9,500
11M3P	U	Widtsoe-Escalante #3	22	34S	1W	9,500
		VIRGIN RIVER				
12M1P	U	Cedar Breaks x	2	37S	9W	10,390
12M4P	U	Duck Creek R.S. x	11	38S	8W	8,560
12M5	U	Harris Flat x	24	38S	7W	7,700
12M6	U	Long Valley Junction	22	38S	6W	7,500
12M2M	U	Midway Valley x	26	37S	9W	9,800
12M3MP	U	Webster Flat	20	37S	9W	9,200

LEGEND

Numbering system (example)

10J7	SNOW COURSE ONLY
10J7P	SNOW COURSE AND PRECIPITATION GAGE
10J7M	SNOW COURSE AND SOIL MOISTURE STATION
10J7A	SNOW COURSE AND AERIAL MARKER
10J7MA	SNOW COURSE, SOIL MOISTURE STATION AND AERIAL MARKER
10J7MP	SNOW COURSE, SOIL MOISTURE STATION AND PRECIPITATION GAGE
10J7m	SOIL MOISTURE STATION ONLY
10J7a	AERIAL MARKER ONLY
10J7p	STORAGE PRECIPITATION GAGE ONLY
x	ADJACENT DRAINAGE

SNOW

DRAINAGE BASIN and SNOW COURSE			CURRENT INFORMATION			PAST RECORD	
						WATER CONTENT (Inches)	
NAME	NO.	ELEVATION	DATE OF SURVEY	SNOW DEPTH (Inches)	WATER CONTENT (Inches)	LAST YEAR	AVERAGE [a]

EAST GARFIELD , KANE , WASHINGTON & IRON

ESCALANTE RIVER							
Widtsoe-Escalante Smt.	11M1	9500	4/28	4	1.8	7.0	2.6
Widtsoe-Escalante # 2	11M2	9500	4/28	21	8.6	10.1	5.3
Widtsoe-Escalante # 3	11M3	9500	4/28	26	11.7	13.7	7.4b
VIRGIN RIVER & COAL CREEK							
CSU Ranch	12M17	8200	4/28	13	6.2	0.0	- -
Cedar Breaks	12M1	10390	4/28	77	39.1	25.6	18.2
Duck Creek R.S.	12M4	8560	4/29	40	21.6	11.0	4.6
Harris Flat X	12M5	7000	4/29	13	6.2	0.0	0.7
Midway Valley X	12M2	9800	4/28	78	39.5	25.7	19.7b
Urie Flat	12M10	8450	4/28	16	6.7	0.0	1.3b
Webster Flat	12M3	9200	4/28	55	29.5	16.4	8.9
PAROWAN CREEK							
Birch Crossing	12M16	8100	4/29	0	0.0	1.6	- -
Brian Head	12M14	10000	4/29	60	28.4	27.4	- -
Ed Ward Flat	12M12	8300	4/29	3	1.0	4.9	1.7b
Tall Poles	12M15	8800	4/29	34	16.8	18.2	- -
Yankee Reservoir	12M11	8700	4/29	20	8.0	12.2	5.6b
ENTERPRISE TO NEW HARMONY DRAINAGES							
Little Grassy Creek	13M4	6100	4/30	0	0.0	0.0	0.0b
Long Flat	13M2	8000	4/30	0	0.0	0.0	0.4b

FOOTNOTES - See last page

PRECIPITATION DATA (Inches)

DRAINAGE BASIN AND RAIN GAGE LOCATION	ELEVATION	CURRENT INFORMATION			FROM APPROX. OCT. 1 TO DATE		
		DATE OF READING	MONTH'S PRECIPITATION	1953-67 AVERAGE	THIS YEAR	1953-67 AVERAGE	PERCENT OF AVERAGE
ESCALANTE RIVER							
Widtsoe-Escalante #3	9500	4/28	0.40	2.75*	16.50	15.19b	109
VIRGIN RIVER							
Duck Creek R. S.	8560	4/29	1.10	3.10	32.10	19.75*	162
Webster Flat	9200	4/28	1.40	4.05	33.00	22.00*	150
COAL CREEK							
Cedar Breaks	10390	4/28	1.85	3.28	30.10	18.91*	159
Webster Flat	9200	4/28	1.40	4.05	33.00	22.00*	150
PAROWAN CREEK							
Tall Poles	8800	4/29	3.85	- -	22.44	- -	- -
Yankee Reservoir	8700	4/29	3.30	2.66b	16.84	13.99b	120
ENTERPRISE TO NEW HARMONY DRAINAGE							
Little Grassy Creek	6100	4/30	1.00	2.06b	15.55	13.74*	113
Long Flat	8000	4/30	1.35	2.29b	17.75	13.85b	128

FOOTNOTES - See last page

FOOTNOTES

(1) Data supplied by U. S. Forest Service
(2) Data supplied by U. S. Weather Bureau
(3) Data supplied by U. S. Geological Survey

(a) 1953-67 - 15-year average period
(b) Average of all past record - less than 15 years
(c) Taken at Compromise point

(A) Aerial observation - water content estimated
(x) Adjacent drainage
* Partly estimated

The following footnotes apply only to Streamflow Forecast pages.

(1) Includes UP&L Co. tailrace and Logan, Hyde Park & Smithfield Canal.
(2) Observed flow plus change in storage in East Canyon Reservoir.
(3) Inflow record as computed by U. S. Bureau of Reclamation.
(4) Observed flow Weber River near Wanship, Utah, plus change in storage in Rockport Reservoir, plus diversion by Weber-Provo Canal.
(5) Includes diversion by Weber-Provo Canal and change in storage in Rockport Reservoir.
(6) Observed flow minus diversions thru Duchesne tunnel and Weber-Provo Canal.
(7) Observed flow plus change in storage in Deer Creek Reservoir, minus diversions thru Duchesne tunnel & Weber-Provo Canal.
(8) Change in storage plus diversion thru Strawberry tunnel.
(9) Observed flow plus change in storage in Otter Creek Reservoir.
(10) Gage is below diversions near Salina.
(11) Observed flow plus change in storage in Otter Crk & Piute Reservoirs.
(12) Observed flow at Rockyford Dam, corrected for change in storage in Minersville Reservoir.
(13) Observed flow plus diversion through Duchesne Tunnel.
(14) Observed flow plus change in storage in Moon Lake Reservoir.
(15) Observed flow plus change in storage reservoir.

(a) Runoff forecasts are based principally on mountain snow cover and on the assumption that precipitation and temperature will be near average from the present time to the end of the forecast period. Appreciable deviations from normal of temperature and/or precipitation will correspondingly modify these forecasts. The discharge data is taken from preliminary records of the U. S. Geological Survey.

WATER SUPPLY OUTLOOK FOR UTAH

and

FEDERAL - STATE - PRIVATE COOPERATIVE SNOW SURVEYS

UNITED STATES DEPARTMENT of AGRICULTURE···SOIL CONSERVATION SERVICE,

and

UTAH STATE DEPARTMENT OF NATURAL RESOURCES -- DIVISION OF WATER RIGHTS

In cooperation with U.S. Forest Service, Bureau of Reclamation, Utah Fish and Game Dept., Utah State University, U.S. National Park Service, U.S. Geological Survey; and other Federal, State, and private organizations.

AS OF
JUNE 1, 1969

WATER SUPPLY OUTLOOK FOR UTAH

and

FEDERAL - STATE - PRIVATE COOPERATIVE SNOW SURVEYS

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USDA-SCS-PORTLAND, OREG. 1967 M7-L-16253

WATER SUPPLY OUTLOOK

JUNE 3, 1969

* *
* Utah's summer water supply outlook is again dimmed by the lack *
* of May rains but still remains very good for areas served by *
* reservoir storage or direct flow from larger streams. Dry farm *
* areas and spring range are already suffering from below average *
* precipitation for the last three months. *
* Warmer than normal May temperatures melted the remainder of a *
* heavy snow pack faster than usual causing streams to peak one *
* to two weeks earlier than usual. Streams also peaked a little *
* lower than expected due to the lack of precipitation and are *
* beginning to recede earlier than previous forecasts indicated. *
* *

Only four snow courses measured in northern Utah had measurable snow and those show less than last year at this time. The upper Steep Hollow snow course on the Logan River had 1.9 inches of water this year compared to 5.4 inches last year and Trial Lake on the upper Provo had 12.3 inches of water compared to 29.8 inches of water in the snow last year. Rocky Basin above Tooele still had 17.9 inches of water in the snow on May 24, 1969 and upper Farmington Canyon snow course showed only 2.1 inches of water on May 26 and had 12.8 inches last year at this time.

Most reservoirs in this section of the State are full or are expected to fill soon with the exception of Strawberry Reservoir and it had 221,546 acre feet on June 1 - the most storage it has held since 1953. Pineview Reservoir lacked about 6,000 acre feet of filling as of June 1, and inflow was falling fast as a result of little, if any, rain on the upper watersheds.

Stienaker Reservoir and Moon Lake are full in Uintah Basin and Scofield and Joe's Valley are full and spilling with streamflow holding up on these streams.

Central and Southern Utah streamflow is holding up good. The inflow to Piute Reservoir has been constant for about two weeks at about 800 c.f.s. and Piute is nearly full. Otter Creek Reservoir is full and Sevier Bridge Reservoir had 137,200 acre feet as of June 1, the most water it has stored since 1953. The San Pitch River has been contributing good flow into the Sevier this year.

Snow measurements on the head of the Sevier at Cedar Breaks and Midway Valley showed 18.2 inches and 17.2 inches of water on May 26 while measurements on

these courses last year showed only 8.6 inches and 11.5 inches of water respectively. This snow cover is expected to hold Sevier River flows up for at least the first 10 days or two weeks in June.

Snow measurements taken on the Beaver River at Big Flat showed 19.2 inches of water content - about the same as last years 19.3 inches. Otter Lake snow course had 6.6 inches of water content on May 28 and had 10.6 inches of water last year at this time. Mt. Baldy and GBRC Meadows snow courses on the San Pitch River had 12.3 inches and 8.0 inches of water. Last year these courses had 21.3 inches of water and 20.6 inches of water respectively.

The flow of Salina Creek is reported to have fallen to about 35c.f.s. on June 2, indicating the major portion of spring runoff is gone on that stream.

SNOW

DRAINAGE BASIN and SNOW COURSE			CURRENT INFORMATION			PAST RECORD	
NAME	NO.	ELEVATION	DATE OF SURVEY	SNOW DEPTH (Inches)	WATER CONTENT (Inches)	WATER CONTENT (Inches) LAST YEAR	~~XXXXXX~~ 2 yrs. ago

JUNE 1, 1969 - SNOW MEASUREMENTS FOR UTAH

Big Flat	12L7	10290	5/28	37	19.2	19.3	14.7
Cedar Breaks	12M1	10390	5/26	33	18.2	8.6	20.0
Farmington Canyon(u)	11J11	8000	5/26	4	2.1	12.8	17.8
GBRC Meadows	11K10	10000	5/29	16	8.0	20.6	17.2
Midway Valley	12M2	9800	5/26	31	17.2	11.5	18.5
Mt. Baldy R.S.	11K12	9500	5/26	26	12.3	21.3	8.8
Otter Lake	12L8	9300	5/28	12	6.6	10.6	3.6
Rocky Basin-Setlmt.Cyn.	12J1	8900	5/24	27	17.9	- -	- -
Steep Hollow(upper)	11K26	8600	5/28	4	1.9	5.4	- -
Trial Lake	10J8	9800	5/28	23	12.3	29.8	32.9

DECEMBER 1, 1968 - SUPPLEMENTAL MEASUREMENTS

Big Flat	12L7	10290	11/27	8	1.0	1.1	2.3
Buck Flat	11K31	9400	11/26	11	2.0	1.3	2.3
Dry Valley Divide	11K8	7800	11/27	6	1.6	- -	- -
Mud Creek	11K33	8300	11/27	14	2.6	1.2	Patchy
Red Pine Ridge	11K28	9400	11/27	16	3.0	2.0	- -
Rush Pond	11K38	9800	11/26	9	1.6	1.5	2.2
Shingle Mill	12L11	6200	12/2	12	2.0	- -	0.0
Stillwater Camp	10J17	8550	12/4	13	2.4	- -	- -
Stuart R.S.	11K27	7950	11/27	4	0.8	1.6	Trace
Trial Lake	10J8	9800	11/27	30	6.0	- -	- -
Upper Joe's Valley	11K29	8800	11/27	4	0.8	0.6	2.9
White River #1	10K2	8600	11/27	12	2.5	1.5	1.6
Wrigley Creek	11K32	9000	11/26	4	0.8	0.9	1.4

FOOTNOTES - See last page

PRECIPITATION DATA (inches)

DRAINAGE BASIN AND RAIN GAGE LOCATION	ELEVATION	CURRENT INFORMATION			FROM APPROX. OCT. 1 TO DATE		
		DATE OF READING	MONTH'S PRECIPITATION	1953-67 AVERAGE	THIS YEAR	1953-67 AVERAGE	PERCENT OF AVERAGE
GREAT BASIN DRAINAGE							
UPPER BEAR RIVER (Above Harer, Idaho)							
Burts-Miller Ranch	7900	5/27	0.49	- -	11.12	- -	- -
Chalk Creek #3	7500	5/27	0.67	2.18b	17.45	18.82b	93
Hayden Fork	9300	5/27	0.77	- -	25.24	- -	--
Monte Cristo #2	8960	5/29	0.09	2.79b	33.62	33.10b	102
Stillwater Camp	8550	5/27	0.65	2.40b	16.22	17.92*	90
Trial Lake	9800	5/28	0.21	3.15	17.40	28.20*	62
LOWER BEAR RIVER (Below Harer, Idaho)							
Dry Bread Pond	8230	5/29	0.00	3.05*	- -	26.95*	--
Garden City Summit	7600	5/28	0.00	1.84*	21.07	23.53*	90
Monte Cristo #2	8960	5/29	0.09	2.79b	33.62	33.10b	102
Willow Flat	6100	5/27	0.15	3.27b	27.52	28.44*	97
OGDEN RIVER							
Ben Lomond(lower)	5850	5/29	0.00	2.95*	35.78	31.14*	115
Ben Lomond Trail	6000	5/29	0.00	3.73b	42.18	35.45*	119
Causey Dam	5500	5/29	0.00	2.03b	16.34	- -	--
Dry Bread Pond	8230	5/29	0.00	3.05*	- -	26.95*	--
Monte Cristo #2	8960	5/29	0.09	2.79b	33.62	33.10b	102
Sagebrush Flat	6300	5/29	0.17	2.21b	18.00	18.20b	99
WEBER RIVER							
Chalk Creek #3	7500	5/27	0.67	2.18b	17.45	18.82b	93
Farmington Guard Sta.	7500	5/26	0.74	3.82	40.32	36.12	112
Farmington Rice	7000	5/26	1.70	3.65	40.69	33.57	121
Mt. Dell Dam	5500	5/31	0.35	2.13	16.33	16.85	97
Parley's Canyon Smt.	7500	5/29	0.30	2.80	30.75	26.84*	115
Redden Mine(upper)	9000	5/18	0.34	- -	34.80	- -	--
Silver Lake(Brighton)	8725	5/31	0.49	5.47	41.88	36.20	116
Smith & Morehouse	7600	5/27	0.49	2.58*	24.22	22.57	107
Trial Lake	9300	5/28	0.21	3.15	17.40	28.20*	62
PROVO RIVER & UTAH LAKE							
Clear Creek Ridge #2	8000	5/26	0.21	2.23b	23.45	19.52*	120
Daniels-Strawberry Smt.	8000	5/27	0.41	1.92*	27.72	21.75*	127
Dutchman R.S.	7500	5/26	0.25	2.67b	36.30	25.84b	140
East Portal Ridge	7800	5/29	1.30	2.89*	26.89	23.42*	115
Hobble Creek Smt.	7300	5/26	0.25	- -	24.30	- -	--

PRECIPITATION DATA (Inches)

DRAINAGE BASIN AND RAIN GAGE LOCATION	ELEVATION	CURRENT INFORMATION			FROM APPROX. OCT. 1 TO DATE		
		DATE OF READING	MONTH'S PRECIPITATION	1953-67 AVERAGE	THIS YEAR	1953-67 AVERAGE	PERCENT OF AVERAGE
PROVO RIVER & UTAH LAKE - Continued							
Payson R.S.	8050	5/26	0.45	2.23b	26.60	22.79b	117
Soapstone R.S.	7800	5/28	0.18	2.08*	19.82	19.69*	101
Timpanogos Divide	8200	5/26	0.29	2.77	51.10	30.24	169
Trial Lake	9800	5/28	0.21	3.15	17.40	28.20*	62
JORDAN RIVER & TOOELE VALLEY							
Middle Canyon	7000	5/29	0.58	3.05b	30.14	23.90*	126
Mt. Dell Dam	5500	5/31	0.35	2.13	16.33	16.85	97
Parley's Canyon Smt.	7500	5/29	0.30	2.80	30.75	26.84*	114
Silver Lake(Brighton)	8725	5/31	0.49	5.41	41.88	36.20	116
Vernon Creek	7500	5/27	0.60	- -	24.27	- -	- -
SEVIER RIVER ABOVE RICHFIELD							
Big Flat	10290	5/28	1.34	3.03*	29.61	21.85*	136
Box Creek	9800	5/27	1.39	2.27b	23.59	18.33b	129
Castle Valley	9700	5/28	0.95	1.90b	25.40	19.99b	127
Cedar Breaks	10390	5/26	0.00	1.94	30.10	20.85*	144
Duck Creek R.S.	8560	5/23	1.45	1.76*	33.55	21.51*	156
Fish Lake	8700	5/27	1.37	1.50b	15.42	11.54b	134
Kimberly Mine	8900	5/27	0.75	3.21*	29.95	25.54*	117
Panguitch Lake	8200	5/29	0.92	1.09b	12.88	9.21b	140
Webster Flat	9200	5/26	0.00	2.03	33.00	24.03	137
Widtsoe-Escalante #3	9500	5/28	1.62	2.00*	18.12	17.19*	105
Widtsoe R.S.	7600	5/28	0.90	0.97	7.40	6.34	117
SEVIER RIVER BELOW RICHFIELD (Including San Pitch River)							
Beaver Dams	8000	5/26	1.52	2.75b	22.02	19.79*	111
Farnsworth Lake	9900	5/31	1.67	3.28b	27.77	25.64b	108
G.B.R.C. Headquarters	8700	5/31	0.95	2.80	23.55	24.15	98
G.B.R.C. Meadows	10000	5/31	1.57	3.21	29.82	28.30	105
G.B.R.C. Oaks	7655	5/31	0.49	2.22	16.71	16.85	99
Gooseberry R.S.	7800	5/31	1.08	2.71*	19.70	17.80*	106
Mammoth R.S. #2	8600	5/28	0.18	2.55*	30.44	24.30*	125
Gooseberry Reservoir	8700	5/28	0.16	2.75*	28.58	23.38*	122
Mt. Baldy R.S.	9500	5/26	2.70	3.36b	29.75	22.70*	131
Oak Creek	7760	5/29	0.31	- -	24.94	- -	- -
Pine Creek	8700	5/28	0.55	3.99b	34.02	30.53b	111
Shingle Mill	6200	6/2	0.40	2.76b	21.88	19.30b	113
BEAVER RIVER							
Beaver Canyon P.H.	7275	5/31	0.30	2.75b	14.54	19.79*	73
Big Flat	10290	5/28	1.34	3.03*	29.61	21.85*	136
Merchant's Valley	8650	5/28	0.78	- -	23.64	- -	- -

PRECIPITATION DATA (Inches)

DRAINAGE BASIN AND RAIN GAGE LOCATION	ELEVATION	CURRENT INFORMATION			FROM APPROX. OCT. 1 TO DATE		
		DATE OF READING	MONTH'S PRECIPITATION	1953-67 AVERAGE	THIS YEAR	1953-67 AVERAGE	PERCENT OF AVERAGE
PAROWAN CREEK							
Tall Poles	8800	5/26	0.75	- -	23.19	- -	- -
Yankee Reservoir	8700	5/26	1.10	1.71b	17.94	15.70b	114
COAL CREEK							
Cedar Breaks	10390	5/26	0.00	1.94	30.10	20.85*	144
Webster Flat	9200	5/26	0.00	2.03	33.00	24.03*	137
ENTERPRISE TO NEW HARMONY DRAINAGE							
Little Grassy Creek	6100	5/28	1.65	0.80b	17.20	14.54b	118
Long Flat	8000	5/27	0.95	1.44b	18.70	15.29b	122
COLORADO RIVER DRAINAGE							
UPPER GREEN RIVER IN UTAH (Tributaries above Flaming Gorge)							
Black's Fork Jct.	8925	5/26	0.90	2.19b	13.68	16.53*	83
Burnt Creek	7900	5/28	0.45	- -	11.52	- -	- -
E.Fk. Black's Fk.G.S.	9300	5/26	1.02	2.63b	14.40	16.64b	86
Hewinta G.S.	9500	5/26	1.08	2.74b	15.90	17.69b	90
Hickerson Park	9100	5/28	1.13	- -	11.53	- -	- -
Spirit Lake	10300	5/28	1.25	3.76b	19.38	22.09*	88
GREEN RIVER TRIBUTARIES BETWEEN FLAMING GORGE & DUCHESNE RIVER							
Grizzly Ridge	8500	5/28	0.57	- -	20.47	- -	- -
King's Cabin(upper)	8730	5/28	0.42	2.47b	17.45	15.35b	114
DUCHESNE RIVER							
Currant Creek	7800	5/28	0.20	1.76b	20.87	16.37b	127
Daniels-Strawberry Smt.	8000	5/27	0.41	1.92*	27.72	21.75*	127
East Portal Ridge*	7800	5/29	1.30	2.89	26.89	23.42*	115
Indian Canyon	9100	5/29	0.55	2.00b	20.56	17.41b	118
Julius Park	9800	5/27	0.08	2.53*	20.71	16.76*	124
Lakefork Mountain	10500	5/29	0.00	2.54*	18.62	16.18*	115
Moon Lake	8150	5/31	0.00	1.76	10.45	10.77	97
Paradise Park	10100	5/27	0.28	2.73b	22.07	18.25*	121
Rock Creek	7900	5/29	0.27	2.01b	15.87	14.57b	109
Soapstone R.S.	7800	5/28	0.18	2.08*	19.82	19.69*	101
Trial Lake	9800	5/28	0.21	3.15	17.40	28.20*	62
White River #1	8600	5/26	0.35	1.92b	13.86	17.51*	79

PRECIPITATION DATA (Inches)

DRAINAGE BASIN AND RAIN GAGE LOCATION	ELEVATION	CURRENT INFORMATION			FROM APPROX. OCT. 1 TO DATE		
		DATE OF READING	MONTH'S PRECIPITATION	1953-67 AVERAGE	THIS YEAR	1953-67 AVERAGE	PERCENT OF AVERAGE
PRICE RIVER							
Clear Creek Ridge #2	8000	5/26	0.21	2.23b	23.45	19.52*	120
Gooseberry Reservoir	8700	5/28	0.16	2.75b	28.58	23.38*	122
Indian Canyon	9100	5/29	0.55	2.00b	20.56	17.41b	118
Mammoth R.S. #2	8600	5/28	0.18	2.55*	30.44	24.30*	125
Mud Creek	8300	5/26	0.55	1.96*	22.55	18.78*	120
White River #1	8600	5/26	0.35	1.92b	13.86	17.51*	79
SAN RAFAEL RIVER							
Buck Flat	9400	5/28	1.35	2.44b	25.80	21.81*	118
G.B.R.C. Meadows	10000	5/31	1.57	3.21	29.82	28.30	105
Gooseberry Reservoir	8700	5/28	0.16	2.75b	28.58	23.38*	122
Orange Olsen	7300	5/27	0.65	- -	11.00	- -	- -
Red Pine Ridge	9400	5/27	1.50	2.43b	27.10	25.05*	108
MUDDY RIVER							
Mt. Baldy R.S.	9500	5/26	2.70	3.36b	29.75	22.70*	131
FREMONT & ESCALANTE RIVERS							
Black's Flat-U.M. Crk.	9250	5/27	2.81	2.19b	19.89	16.53*	120
Farnsworth Lake	9900	5/31	1.67	3.28b	27.77	25.64b	108
Fish Lake	8700	5/27	1.37	1.50b	15.42	11.54b	134
Widtsoe-Escalante #3	9500	5/28	1.62	2.00*	18.12	17.19*	105
VIRGIN RIVER							
Duck Creek R.S.	8560	5/29	1.50	1.76*	33.60	21.57*	156
Webster Flat	9200	5/26	0.00	2.03	33.00	24.03	137
SOUTHEASTERN UTAH DRAINAGES							
Buckboard Flat	9000	5/29	0.20	2.25b	22.39	22.11b	101
Camp Jackson	8600	5/29	0.80	1.83*	26.43	18.42*	143
LaSal Mountain(upper)	9600	5/27	1.25	2.87b	19.54	19.73*	99

SOIL MOISTURE

STATION NAME	ELEVATION	PROFILE (Inches) DEPTH	PROFILE (Inches) CAPACITY	SOIL MOISTURE (Inches) DATE	THIS YEAR	LAST YEAR	2 YEARS AGO
JULY 1, 1968							
Little Grassy Creek	6100	72	24.5	7/2	8.5	11.4	12.4
Mammoth R.S.-Ctnwd. Crk.	8800	60	21.9	6/27	17.1	15.2	- -
AUGUST 1, 1968							
Currant Creek	7800	72	22.0	7/24	16.2	- -	- -
Little Grassy Creek	6100	72	24.5	8/2	7.7	8.2	- -
Mammoth R.S.-Ctnwd. Crk.	8800	60	21.9	7/30	15.2	15.2	- -
SEPTEMBER 1, 1968							
Little Grassy Creek	6100	72	24.5	9/2	7.7	8.1	- -
Mammoth R.S.-Ctnwd.Crk.	8800	60	21.9	8/29	14.1	12.3	7.9
Mud Creek	8300	72	14.4	9/5	11.0	11.6	10.9
OCTOBER 1, 1968							
Beaver Crk.-Skunk Crk.	7150	48	18.4	9/27	9.4	8.2	6.7
Currant Creek	7800	72	22.0	10/2	14.4	14.4	- -
Daniels-Strawberry Smt.	8000	48	14.0	9/25	6.3	6.3	6.5
Dry Bread Pond	8230	48	19.0	9/27	14.7	12.0	11.4
Mammoth R.S.-Ctnwd. Crk.	8800	60	21.9	9/30	13.6	11.1	9.0
White River #1	8600	48	16.0	9/15	8.7	9.1	9.1
NOVEMBER 1, 1968							
Beaver Crk-Skunk Crk.	7150	48	18.4	10/29	10.7	8.5	6.7
Ben Lomond(Lower)	5850	72	26.5	10/29	19.7	- -	- -
Chalk Creek #2	8000	48	18.0	10/29	14.3	14.5	11.9
Daniels-Strawberry Smt.	8000	48	14.0	10/28	7.0	6.0	7.4
Dry Bread Pond	8230	48	19.0	10/29	14.8	13.7	10.7
Mammoth R.S.-Ctnwd.Crk.	8800	60	21.9	10/31	13.6	11.0	11.9
Mud Creek	8300	72	14.4	10/31	11.0	11.2	10.8
White River #1	8600	48	16.0	10/31	4.7	8.1	6.2
DECEMBER 1, 1968							
Beaver Crk.-Skunk Crk	7150	48	18.4	11/30	10.0	- -	- -
Ben Lomond(Lower)	5850	72	26.5	11/30	21.5	13.6	13.7
Daniels-Strawberry Smt.	8000	43	14.0	11/26	8.0	6.1	- -
Mammoth R.S.-Ctnwd. Crk.	8800	60	21.9	11/27	13.1	10.4	- -
Mud Creek	8300	72	14.4	11/27	10.6	- -	- -
White River #1	8600	48	16.0	11/27	7.5	- -	- -
Dry Bread Pond	8230	48	19.0	11/30	15.6	- -	- -

SOIL MOISTURE

STATION NAME	ELEVATION	PROFILE (Inches) DEPTH	PROFILE (Inches) CAPACITY	SOIL MOISTURE (Inches) DATE	THIS YEAR	LAST YEAR	2 YEARS AGO
JANUARY 1, 1969							
Ben Lomond(Lower)	5850	72	26.5	12/30	21.4	13.3	21.8
Daniels-Strawberry Smt.	8000	48	14.0	12/30	8.8	6.1	10.0
Mammoth R.S.-Cotnwd. Crk.	8800	60	21.9	12/26	13.2	- -	- -
Mud Creek	8300	72	14.4	12/26	10.7	10.5	- -
FEBRUARY 1, 1969							
Ben Lomond(Lower)	5850	72	26.5	1/31	23.0	13.6	22.0
Chalk Creek #2	8000	48	18.0	1/29	14.2	13.3	12.2
Daniels-Strawberry Smt.	8000	48	14.0	1/30	9.3	6.6	- -
Dry Bread Pond	8230	48	19.0	1/30	15.6	13.6	13.5
Mammoth R.S.-Ctnwd.Crk.	8800	60	21.9	2/3	13.0	10.7	12.5
Mud Creek	8300	72	14.4	1/31	10.8	10.5	10.8
MARCH 1, 1969							
Beaver Crk-Skunk Crk.	7150	48	18.4	2/27	13.1	- -	- -
Ben Lomond(Lower)	5850	72	26.5	2/26	22.7	17.8	22.3
Chalk Creek #2	8000	48	18.0	2/25	14.3	- -	- -
Daniels-Strawberry Smt.	8000	48	14.0	2/26	10.7	- -	- -
Grassy Trail Crk-Left Fork	7970	48	14.5	2/27	9.3	7.8	9.3
Dry Bread Pond	8230	48	19.0	2/27	15.7	- -	- -
Mud Creek	8300	72	14.4	2/26	11.1	10.6	10.8
White River #1	8600	48	16.0	2/25	7.5	8.9	6.8
APRIL 1, 1969							
Beaver Crk-Skunk Crk.	7150	48	18.4	3/26	13.5	9.3	14.3
Ben Lomond(Lower)	5850	72	26.5	3/26	22.8	21.7	22.4
Chalk Creek #2	8000	48	18.0	3/25	14.4	12.5	12.4
Corral	8200	48	13.4	3/28	10.0	- -	- -
Currant Creek	7800	72	22.0	3/27	15.0	14.3	- -
Daniels-Strawberry Smt.	8000	48	14.0	3/26	11.3	- -	- -
Dry Bread Pond	8230	48	19.0	3/26	15.8	14.1	16.5
Grassy Trail Crk-Left Fk.	6100	72	24.5	3/28	9.1	- -	- -
Mammoth R.S.-Ctnwd. Crk.	8800	60	21.9	3/26	13.3	11.2	12.9
Mud Creek	8300	72	14.4	3/26	10.7	8.4	10.8
White River #1	8600	48	16.0	3/27	7.4	- -	- -
MAY 1, 1969							
Beaver Crk-Skunk Crk.	7150	48	18.4	4/25	17.0	14.9	16.0
Ben Lomond(Lower)	5850	72	26.5	4/28	23.7	23.0	22.9
Chalk Creek #2	8000	48	18.0	4/25	17.0	13.6	13.4
Currant Creek	7800	72	22.0	4/28	17.7	17.5	17.6
Daniels-Strawberry Smt.	8000	48	14.0	4/28	12.9	- -	- -
Dry Bread Pond	8230	48	19.0	4/25	16.5	16.7	15.7
Mammoth R.S.-Ctnwood Crk.	8800	60	21.9	5/1	20.6	11.5	12.9
Mud Creek	8300	72	14.4	4/28	11.3	- -	- -
White River #1	8600	48	16.0	4/29	16.0	- -	- -

SOIL MOISTURE

STATION		PROFILE (Inches)		SOIL MOISTURE (Inches)			
NAME	ELEVATION	DEPTH	CAPACITY	DATE	THIS YEAR	LAST YEAR	2 YEARS AGO
JUNE 1, 1969							
Beaver Crk-Skunk Crk.	7150	48	18.4	5/29	15.3	13.0	15.8
Ben Lomond(lower)	5850	72	26.5	5/29	22.2	23.1	23.0
Currant Creek	7800	72	22.0	5/28	17.6	18.0	18.1
Daniels-Strawberry Smt.	8000	48	14.0	5/27	7.8	- -	- -
Dry Bread Pond	8230	48	19.0	5/29	16.4	16.7	16.7
Mammoth R.S-Ctmwd. Crk.	8800	60	21.9	5/28	19.8	17.8	19.2
Mud Creek	8300	72	14.4	5/26	12.0	11.8	12.1
White River #1	8600	48	16.0	5/26	14.6	- -	- -