WATER SUPPLY OUTLOOK FOR UTAH

U. S. DEPARTMENT of AGRICULTURE ★ SOIL CONSERVATION SERVICE

Collaborating with

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

AS OF
JAN. 1, 1974

Data included in this report were obtained by the agencies named above in cooperation with Federal, State and private organizations listed inside the back cover of this report.

WATER SUPPLY OUTLOOK FOR UTAH

and

FEDERAL - STATE - PRIVATE COOPERATIVE SNOW SURVEYS

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USDA-SCS-PORTLAND, OREG. 1974 M7-L-22027B

WATER SUPPLY OUTLOOK

as of
January 1, 1974

* *
* Utah's summer Water Supply Outlook ranges from "below average" *
* for some areas without reservoir storage to "above average" for *
* those watersheds with adequate storage. Snow cover varies from *
* 50 to 150% of the January 1 average. Reservoir storage is 146% *
* of average statewide with some reservoirs better than double *
* average for January 1. *
* *

SNOW COVER

Snow measurements taken near January 1 range from 47% of average in Uintah Basin to 160% of average for Middle Canyon near Tooele. Measurements taken the week before Christmas do not show the increases in moisture which fell a few days after Christmas. Early measurements on the Ogden and Logan Rivers were only 55 and 72% of average. These measurements as well as those for Uintah Basin were improved as much as 25 to 30% according to radio readings taken since the storms.

Snow Cover on the Weber and Provo Rivers was 106% and 100% of the 1958-72 15 year average for January 1. Watersheds above Salt Lake City averaged about 145% of the January 1 average.

Strawberry Valley snow measurements showed 133% of average and Price River was 92% of average.

Sevier River snow ranged from 51% of average above Panguitch to 136% on Salina Creek. Measurements on the San Pitch averaged 105% of the January 1 average.

Coal Creek snow cover was 75% of average and Virgin River was 63% of average.

RESERVOIR STORAGE

Reservoir storage is 146% of the January 1 average for the 1958-72 fifteen year period. This is 17% better than last January 1 and 82% of useable capacity for 15 of the key reservoirs in the state excluding Colorado River storage facilities.

Weber Basin Reservoirs contain 160% of the January 1 average storage and about 6% more than a year ago.

Sevier River Reservoirs have excellent carry-over with 216% of the January 1 average and 179% of last year at this time.

Bear Lake storage was 117% of average and slightly less than last January 1. Utah Lake was 157% of average and Deer Creek Reservoir was 120% of average. Strawberry Reservoir was 187% of the January 1 average.

Streamflow forecasts will be published beginning with the February 1 bulletin.

USDA SCS PORTLAND OREG. 1963

RESERVOIR STORAGE (Thousand Acre Feet) END OF MONTH

Basin or Stream	RESERVOIR	Usable Capacity	Usable Storage		
			This Year	Last Year	Average†
GREAT BASIN					
Bear River	Bear Lake	1421.0	1109.1	1135.6	944.4
	Woodruff Narrows	26.5	26.5	21.5	19.8b
Beaver River	Minersville (RkyFd)	23.3	17.3	8.0a	9.6
Little Bear	Hyrum	15.3	10.5	10.6	9.2
	Porcupine	11.3	3.5	3.3	3.1b
Ogden	Causey	6.9	1.5	1.7	2.1b
	Pineview	110.1	46.5	45.1	38.2
Provo	Deer Creek	149.7	114.5	101.7	95.3
Sevier River	Gunnison	18.2	13.3	5.1	7.7
	Otter Creek	52.5	43.5	21.4	21.9
	Piute	71.8	48.6	31.4	29.8
	Sevier Bridge	236.0	174.4	98.2	70.1
Spanish Fork	Strawberry	270.0	207.2	175.6	110.9
Utah Lake	Utah Lake	883.9	814.3	685.7	519.7c
Weber	East Canyon	48.1	37.0	39.1	17.6
	Echo	73.9	48.3	55.7	35.3
	Lost Creek	20.0	13.3	14.6	12.0b
	Rockport	60.9	58.8	31.6	30.1
	Willard Bay	193.3	158.1	155.4	102.6b
COLORADO RIVER BASIN					
Ashley Creek	Steinaker	33.3	24.2	23.9	17.9b
Colorado	Blue Mesa	829.5	598.7	415.9	- -
	Lake Powell	25002.0	17641.0	12771.0	- -
Green	Flaming Gorge	3749.0	2938.0	3087.0	- -
Lake Fork	Moon Lake	35.8	20.6	14.1	14.5
Price River	Scofield	65.8	41.5	21.7	27.8
San Juan	Navajo	1696.0	1112.9	982.8	- -
San Rafael	Huntington North	3.9	1.2	2.5	1.5b
	Joe's Valley	54.6	36.7	32.5	29.8b
	Mill Site	16.7	4.0	3.1	- -
Strawberry	Starvation	165.3	138.3	133.1	- -
Uintah	Bottle Hollow	11.3		11.0	- -

USDA-SCS PORTLAND, OREG. 1969

SNOW		THIS YEAR			PAST RECORD		PRECIPITATION (Inches)					
DRAINAGE BASIN and/or SNOW COURSE					Water Content (inches)		CURRENT INFORMATION			FROM APPROX. OCT. 1 TO DATE		
NAME	Elevation	Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Last Year	Average +	Date of Reading	Month's Precipitation	Average +	This Year	Average +	Percent of Average
GREAT BASIN												
UPPER BEAR RIVER (Above Harer, Idaho)												
CCC Camp	7500	12/27	23	4.2	5.1	4.9						
Salt River Summit	7900	12/27	30	6.1	5.6	- -	12/27	2.40	- -	8.05	7.04	114
LOWER BEAR RIVER (Below Harer, Idaho)												
Emigrant Summit	7350	1/3	54	14.4	9.8	9.6						
Franklin Basin*	8000	12/20	32	9.4	- -	- -	1/3	6.72	- -	- -	- -	- -
Garden City Summit	7600	12/20	23	5.6	6.4	7.4	12/20	- -	- -	6.03	8.82b	68
Klondike Narrows*	7400	12/20	24	5.8	7.5	7.9b	1/3	7.87	- -	- -	8.87b	- -
Little Bear (lower)	6000	12/21	14	3.2	- -	- -						
Little Bear (upper)*	6550	12/21	15	3.6	- -	- -	1/3	4.75	- -	- -	- -	- -
Monte Cristo	8960	12/18	26	7.8	11.1	- -	12/18	- -	- -	10.98	- -	- -
Steep Hollow #1	8500	12/20	44	13.0	11.8	- -						
Steep Hollow #2	7700	12/20	34	9.0	8.9	- -						
Tony Grove R. S.*	6250	12/20	14	2.8	4.4	4.3	1/3	4.75	- -	10.78	8.73a	- -
OGDEN RIVER												
Beaver Crk-Skunk Crk	7150	12/18	16	3.3	6.3	- -						
Ben Lomond (lower)	6000	12/19	18	3.8	6.3	5.5						
Ben Lomond Peak*	8000	12/19	25	6.7	14.2	13.3b	1/3	9.54	- -	17.04	- -	- -
Ben Lomond Trail	6000	12/19	20	4.2	7.0	5.7b	12/19	Gage Molested		- -	11.84a	- -
Causey Dam	5500						12/18	- -	- -	5.69	6.49b	88
Cutler Creek	6780	12/19	25	5.7	11.4	9.9b						
Dry Bread Pond	8230	12/18	17	5.0	8.6	- -	12/18	- -	- -	5.65	- -	- -
Francis Canyon*	7400						1/3	3.95	- -	- -	- -	- -
Guilder's Peak*	8050						Data Not Available					
Magpie*	7700						Data Not Available					
Middle Fork Ogden*	8420						1/3	7.39	- -	- -	- -	- -
Powder Mountain - Sundown	8700	12/27	40	10.0	- -	- -						
Sagebrush Flat	6300	12/18	9	1.8	2.6	- -	12/18	- -	- -	3.56	- -	- -
WEBER RIVER												
Beaver Creek R. S.	7500	12/28	23	4.3	5.6	3.7						
Chalk Creek #1*	9100	12/26	44	10.2	11.3	- -	Data Not Available					
Chalk Creek #2*	7900	12/26	31	6.2	7.8	- -	Data Not Available					
Chalk Creek #3	7500	12/26	20	3.8	5.0	- -	12/26	- -	- -	6.89	- -	- -
Farmington Canyon (lower)	6950	12/26	32	7.6	9.5	8.6b	12/26	3.64	- -	10.79	- -	- -
Farmington Canyon (upper)	8000	12/26	35	9.4	13.5	11.9b						
Farmington Guard Station	7500						12/26	3.27	- -	10.50	- -	- -
Hardscrabble*	6500						1/3	7.04	- -	15.15	- -	- -
Horse Ridge	8260	12/14	28	6.6	9.6	- -	12/14	- -	- -	8.88	- -	- -
Kilfore Creek	7300	12/14	20	4.0	6.3	- -						
Lost Creek Reservoir	6125						12/14	- -	- -	3.68	- -	- -
Parley's Canyon Summit	7500	12/27	38	7.7	9.0	7.5	12/27	- -	- -	9.90	10.22	97
Park City Summit	9300	1/7	72	21.0	12.6	- -						
Porcupine*	8100						1/3	4.59	- -	9.81	- -	- -
Sargeant Lakes*	8400						1/3	4.49	- -	11.00	- -	- -
Smith & Morehouse	7600	12/27	22	4.3	6.4	5.0	12/27	- -	- -	7.58	8.36	91
PROVO RIVER & UTAH LAKE												
Beaver Creek Divide	8000	1/3	38	8.0	- -	- -						
Camp Altamont	7300	1/3	28	6.4	8.2	6.3						
Dutchman R. S.	7560	1/3	40	10.3	8.4	- -	1/3	Gage Molested				
Payson R. S.	8050	12/27	34	8.8	11.5	7.0	12/27	- -	- -	8.40	8.21	102
Rock Bridge	6750	12/27	25	5.7	10.5	4.8						
Soapstone	7800	12/28	37	6.0	6.4	5.2	12/28	- -	- -	8.08	7.06	114
South Fork R. S.	6100	1/4	18	4.8	4.6	2.4						
Timpanogos Cave Camp	5500	1/7	12	2.5	2.2	0.9b						
Timpanogos Divide	8140	1/3	34	8.7	12.0	10.2	12/27	4.20	5.04	9.90	11.98	82
Trial Lake	9800	1/3	60	13.0	12.4	11.5	1/3	- -	- -	13.48	10.07	134

USDA SCS PORTLAND, OREGON 1974 M7-L-22027Y

+ 1958-1972 period.

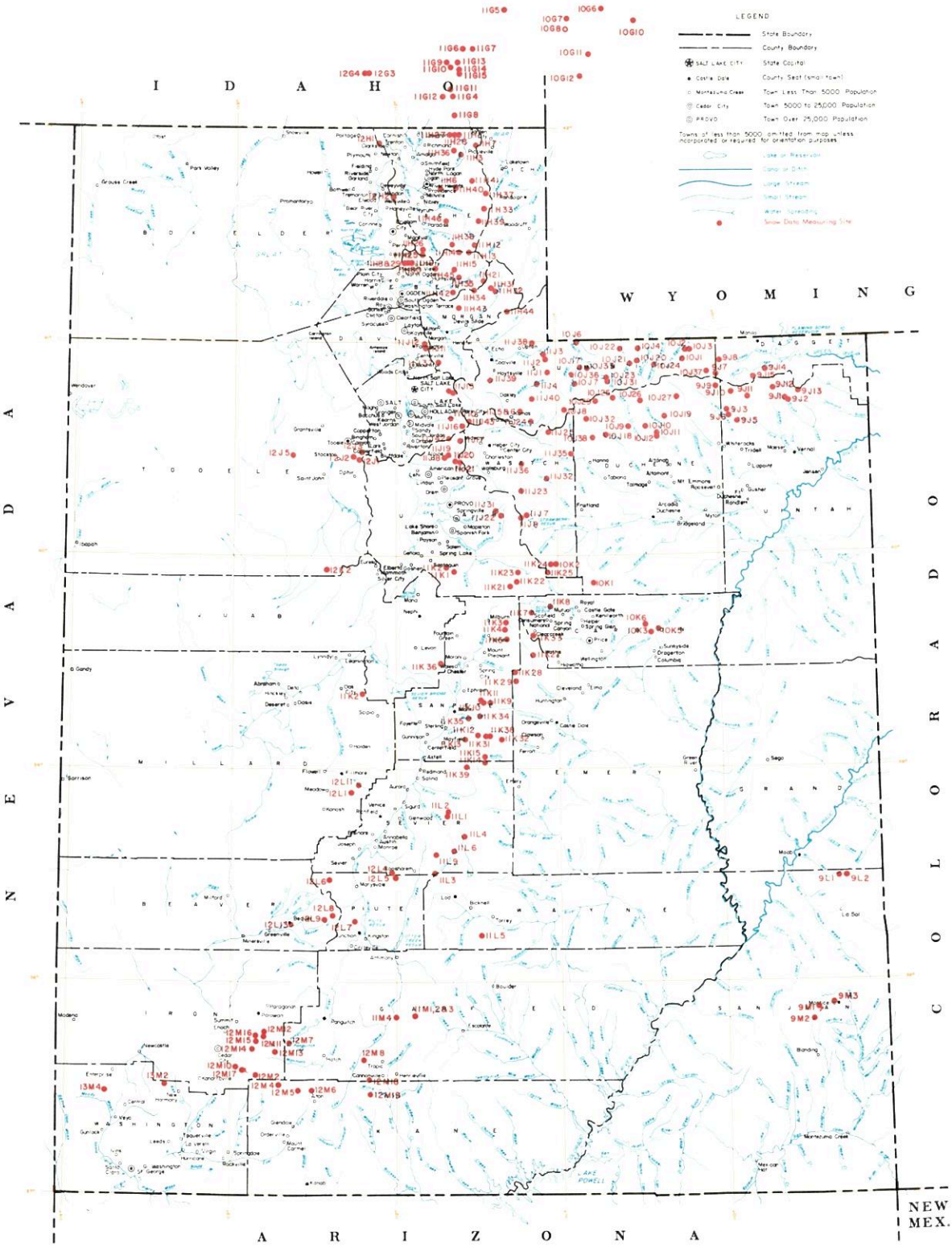
SNOW		THIS YEAR			PAST RECORD		PRECIPITATION (Inches)					
DRAINAGE BASIN and/or SNOW COURSE					Water Content (inches)		CURRENT INFORMATION			FROM APPROX. OCT. 1 TO DATE		
NAME	Elevation	Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Last Year	Average +	Date of Reading	Month's Precipitation	Average +	This Year	Average +	Percent of Average
JORDAN RIVER & SALT LAKE												
Lamb's Canyon	6600	12/27	37	8.9	7.2	5.8b						
Lamb's Canyon #2	7400	12/27	36	7.8	8.2	- -	12/27	- -	- -	7.62	- -	
Middle Canyon - Tooele	7000	1/2	36	9.1	- -	5.7	1/2	Gage Molested			7.28b	
Mill D. South Fork	7400	1/3	48	13.8	11.4	7.3						
Mt. Dell Dam	5500						12/31	4.52	2.59	8.92	6.56	135
Silver Lake (Brighton)	8725	1/3	50	14.2	13.2	9.9	12/31	7.25	4.80	15.11	12.44	121
UPPER SEVIER RIVER (South of Richfield, Utah)												
Bryce Canyon	8000	12/26	9	1.5	5.1	1.9						
Duck Creek R. S.	8700	12/28	15	2.3	8.6	5.2	12/28	1.05	- -	3.30	8.37	39
Farview	8825	12/26	10	2.3	7.5	- -						
Harris Flat R. S.	7700	12/28	8	1.2	6.8	3.0						
Kimberly Mine	9300	12/20	21	5.0	11.2	5.3b	12/20	- -	- -	5.30	7.46	71
Midway Valley	9800	12/27	22	5.6	13.0	8.9	12/27	- -	- -	4.70	- -	
Rainbow Point	9100	12/26	9	1.9	6.6	- -						
Widstoe Escalante #2	9500	12/26	12	2.2	7.7	4.1						
Widstoe Escalante #3	9500	12/26	14	2.8	9.5	5.1b	12/26	1.16	- -	3.34	6.56	51
Widstoe Escalante Summit	9500	12/26	10	1.9	6.4	3.1						
Widstoe R. S.	7600						12/26	.21	- -	.99	2.91	34
LOWER SEVIER RIVER (Including San Pitch)												
Farnsworth Lake	9900	12/27	38	9.1	12.1	7.3	12/27	- -	- -	6.40	8.22	78
G.B.R.C. Headquarters	8700	12/28	29	6.5	11.0	6.2	12/28	3.45	- -	5.18	- -	- -
Gooseberry R. S.	8400	12/27	31	7.2	8.0	4.7	12/27	- -	- -	5.05	- -	- -
Shingle Mill	6200	12/27	27	6.4	10.0	- -	12/27	- -	- -	9.20	7.19b	128
BEAVER RIVER												
Beaver Canyon P. H.	7275						12/31	1.39	1.72	4.09	4.12	99
Big Flat	10290	12/21	15	3.2	10.3	- -	12/21	- -	- -	3.09	- -	- -
Merchant Valley	8200	12/21	13	2.7	4.2	- -	12/21	- -	- -	5.11	- -	- -
Otter Lake	9300	12/21	14	3.2	8.6	- -						
PAROWAN CREEK												
Birch Crossing	8100	12/26	18	3.8	5.7	- -						
Brian Head	10000	12/26	33	8.1	11.6	- -						
Tall Poles	8800	12/26	27	5.9	8.9	- -	12/26	- -	- -	6.30	6.46a	98
COAL CREEK												
CSU Ranch	8200	12/27	13	3.0	5.8	- -						
Urie Flat	8450	12/27	13	2.9	5.8	3.1b						
COLORADO RIVER BASIN												
UPPER GREEN RIVER - UTAH												
Burnt Creek	7900	12/18	12	2.1	- -	- -	12/18	- -	- -	4.85	4.94b	98
Grizzly Ridge	8500	12/18	16	2.8	5.6	- -	12/18	- -	- -	4.60	6.96b	66
Highline Trail*	10250						1/3	3.53	- -	8.70	- -	- -
King's Cabin (lower)	8600	12/18	12	2.0	5.0	- -						
King's Cabin (upper)	8730	12/18	18	3.2	6.1	- -	12/18	- -	- -	3.55	- -	- -
Steel Creek Park*	9900						Data Not Available					
DUCHESNE RIVER												
Currant Creek	7800	12/20	12	2.2	4.3	- -	12/20	- -	- -	4.30	- -	- -
Daniels-Strawberry Summit	8000	12/27	27	4.7	6.0	6.0	12/27	- -	- -	7.46	8.13	92
East Portal	7560	12/31	37	6.8	5.0	4.4b	12/31	5.82	- -	10.04	7.40	136
Indian Canyon	9100	12/20	14	2.5	7.2	5.2	12/20	- -	- -	3.05	6.71b	45
Julius Park	9800		Course Disturbed		7.0	5.6	12/19	- -	- -	3.95	6.56b	60

+ 1958-1972 period.

WEBB & SONS PORTLAND, OREGON 1974-1-32

SNOW		THIS YEAR			PAST RECORD		PRECIPITATION (Inches)					
DRAINAGE BASIN and/or SNOW COURSE					Water Content (inches)		CURRENT INFORMATION			FROM APPROX. OCT. 1 TO DATE		
NAME	Elevation	Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Last Year	Average +	Date of Reading	Month's Precipitation	Average +	This Year	Average +	Percent of Average
DUCHESNE RIVER (continued)												
Lakefork Mountain	10200	12/20	16	3.4	5.7	- -	12/20	- -	- -	4.97	- -	- -
Lakefork Mountain #2	8900	12/20	10	1.6	4.1	- -						
Lakefork Mountain #3	8100	12/20	8	1.5	2.6	- -						
Mosby Mountain	9500	12/19	13	2.1	4.8	4.5	12/19	- -	- -	3.85	5.15a	75
Paradise Park	10100	12/19	13	2.6	7.3	5.4	12/19	- -	- -	4.05	8.30	49
Strawberry Divide	8000	12/31	54	12.1	9.0	7.4b						
PRICE RIVER												
Dry Valley Divide	7800	12/28	24	3.6	5.6	4.2b						
Gooseberry Reservoir	8700	12/26	26	5.7	10.4	7.2b	12/26	- -	- -	7.48	7.99	94
Jones Ranch	7600	12/28	18	3.1	3.6	2.6b						
Mammoth R. S. - Ctnwd. Crk.	8800	12/26	31	6.2	10.4	7.7b	12/26	- -	- -	6.90	8.09	85
Mud Creek #2	8300	12/28	27	4.5	7.2	5.4	12/28	- -	- -	4.68	6.56	71
SAN RAFAEL RIVER												
Buck Flat	9400	12/28	33	6.1	8.2	- -	12/28	- -	- -	7.85	- -	- -
Rush Pond	9800	12/28	27	4.6	7.4	- -						
Stuart R. S.	7950	12/27	16	2.0	5.4	- -	12/27	- -	- -	3.75	- -	- -
Wrigley Creek	9000	12/28	20	3.1	5.7	- -						
VIRGIN RIVER												
Long Valley Junction	7500	12/28	2	.3	5.6	1.4						
Webster Flat	9200	12/27	21	5.4	9.6	6.6b	12/27	- -	- -	6.20	8.50	73

a - Partly Estimated
b - Average of all past record - less than 15 years
c - Adjusted for change in storage in Flaming Gorge Reservoir
* - USU-SCS Cooperative Radio Reading
+ - 1958-72 15 year average period



SNOW COURSES AND RELATED DATA MEASURING SITES

UTAH

1974

USGS National Atlas 1:1,000,000 Albers Equal-Area projection (1967) used as source for base map and adapted for SCS use.

SCALE 1:1,500,000

ALBERS EQUAL AREA PROJECTION

INDEX TO UTAH, BEAR & UPPER COLORADO RIVER BASINS

GREAT BASIN DRAINAGE

NO.	STATE	NAME	SEC	TWP	RGE	ELEV.
		UPPER BEAR RIVER (above Harer, Idaho)				
10G11	W	Big Park	7	27N	117W	8,700
10J6P	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
10J7P	U	Hayden Fork	25	1N	9E	9,400
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)				
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 Mountain	29	14N	2W	6,300
11G12	I	Cub River Ranger Station	5	15S	41E	5,400
11H33P	U	Curtis Creek	12	10N	4E	8,450
11H39p	U	Deer Springs	34	10N	4E	8,400
11G14a	I	Dry Basin	30	13S	42E	7,900
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
11G8MP	I	Franklin Basin	1	16S	41E	8,000
11H7MP	U	Garden City Summit	34 & 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	8,240
11H26	U	Little Bear (lower)	15	8N	1E	6,000
11H25P	U	Little Bear (upper)	22	8N	1E	6,550
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
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
		OGDEN RIVER				
11H14M	U	Beaver Creek-Skunk Creek	22	8N	3E	7,150
11H8P*	U	Ben Lomond Peak	3	7N	1W	8,000
11H9P	U	Ben Lomond (lower)	1	7N	1W	6,000
11H30P	U	Ben Lomond Trail	2	7N	1W	6,000
11H35p	U	Causey Dam	34	7N	3E	5,500
11H29	U	Cutler Creek	3	7N	1W	6,780
11H13MP	U	Dry Beard 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
11H15P	U	Sagebrush Flat	21	7N	3E	6,300
		WEBER RIVER				
11J24	U	Beaver Creek R.S.	28	2S	7E	7,500
11J1P	U	Chalk Creek #1	4	1N	8E	9,100
11J2MP	U	Chalk Creek #2	17 & 20	2N	8E	7,900
11J3MP	U	Chalk Creek #3	7	2N	8E	7,500
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
11H21PT	U	Horse Ridge	1	6N	4E	8,260
11H31P	U	Kilfore Creek	20	6N	5E	7,300
11H32P	U	Lost Creek	27	6N	5E	6,125
11J43	U	Park City Smt.	20	2S	4E	9,300
11J15PTS*	U	Parley's Canyon Summit	5	1S	3E	7,500
11J38p	U	Porcupine	22	3N	7E	8,100
11J6	U	Redden Mine (lower)	1	2S	6E	8,500
11J5P	U	Redden 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
11J4P	U	Smith & Morehouse	25	1N	7E	7,600
		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 #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	27	7S	5E	7,420
11J36P	U	Lake Creek	36	4S	6E	9,100
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
11J18P	U	Timpanogos Cave Camp	27	4S	2E	5,500
11J[illegible]	U	Timpanogos Divide	33	4S	3E	8,140
1[illegible]	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
11J41P	U	Lamb's Canyon #2	21	1S	3E	7,400
12J3P	U	Middle Canyon	8	4S	3W	7,000
11J10	U	Mill D South Fork	18	2S	3E	7,400
12J1P	U	Rocky Basin-Settlement Canyon	30	4S	3W	8,900
11J16P	U	Silver Lake (Brighton)	35	2S	3E	8,725
11J42	U	Snow Bird (Gad Valley)	18	3S	3E	10,000
12K2P	U	Vernon Creek	21	10S	5W	7,500
		UPPER SEVIER RIVER (South of Richfield, Utah)				
12L4P	U	Box Creek	33	26S	2W	9,800
12M8	U	Bryce Canyon	36	36S	4W	8,000
12M13P	U	Castle Valley	23	36S	8W	9,700
12M4P	U	Duck Creek R.S.	11	38S	8W	8,700
12M18	U	Farview	32	37S	4W	8,200
12M5	U	Harris Flat	24	38S	7W	7,700
11L9P	U	High-Top Mountain	36	25S	1E	11,400
12L6P	U	Kimberly Mine	11	27S	5W	9,300
12M2M	U	Midway Valley	26	37S	9W	9,800
12M7P	U	Panguitch Lake	4 & 5	36S	7W	8,200
12M19	U	Rainbow Point	29	38S	4W	9,100
12L5	U	Squaw Springs	3	27S	2W	9,300
11M4P	U	Widtsoe R.S.	22	34S	2W	7,600
		LOWER SEVIER RIVER (Including San Pitch River)				
11K13P	U	Beaver Dam	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
11L2P	U	Gooseberry R.S.	22	23S	2E	8,400
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
11K39PT	U	Pickle Keg Springs	4	21S	3E	9,600
12L1P	U	Pine Creek	24	22S	4W	8,700
11K36	U	Rees's Flat	20	15S	2E	7,300
12L11P	U	Shingle Mill	5	22S	3W	6,200
11K35	U	Thistle Flat	23	18S	3E	8,500
		BEAVER RIVER				
12L13	U	Beaver Race Track	23	29S	7W	6,020
12L7PT	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
		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	9W	8,300
12M15P	U	Tall Poles	26 & 35	35S	9W	8,800
12M11P	U	Yankee Reservoir	20	35S	8W	8,700
		COAL CREEK				
12M17	U	CSU Ranch	18	37S	9W	8,200
12M10	U	Urie Flat	11	37S	10W	8,450
		ENTERPRISE TO NEW HARMONY DRAINAGES				
13M4MP	U	Little Grassy Creek	15	38S	17W	6,100
13M2MP	U	Long Flat	2	38S	14W	8,000

COLORADO RIVER DRAINAGE

NO.	STATE	NAME	SEC	TWP	RGE	ELEV.
		UPPER GREEN RIVER IN UTAH (above Duchesne River)				
9J11aP	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
10J24ap	U	Henry's Fork	29	2N	14E	10,000
10J4P	U	Hewinta G.S.	33	3N	13E	9,500
9J8P	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
9J10aP	U	Reynolds Park	9	1S	18E	10,400
9J7P	U	Spirit Lake	10	1N	17E	10,300
10J20p	U	Steel Creek Park	17	2N	13E	9,900
10J31P	U	Tokewanna Peak	23	1N	11E	9,800
9J12ap	U	Windy Park	1	1S	20E	9,400
		DUCHESNE RIVER				
10J27ap	U	Atwood Basin	21	1S	15E	10,250
10J9P	U	Brown Duck Lake	2	2N	6W	10,300
9J14P	U	Burnt Creek	4	1N	20E	7,900
9J9ap	U	Chepeta-Whiterocks Lakes	3	1S	17E	10,300
11J32MP	U	Currant Creek	31	1S	10W	7,800
10J26ap	U	Five Point Lake	28	4N	5W	11,000
9J13P	U	Grizzley Ridge	8	1S	22E	8,500
10K1P	U	Indian Canyon	2	11S	10E	9,100
10J19P	U	Jackson Park	23	3N	4W	11,300
9J6P	U	Julius Park	20	3N	1E	9,800
10J38P	U	Lake Basin	23	3S	8W	10,800
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
10J29p	U	Lightning Lake	24	4N	8W	10,950
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
10J32P	U	Shadow Lake	28	3N	8W	10,150
11J35P	U	West Fork of the Duchesne	22	1N	19E	10,250
		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
11K7	U	Jones Ranch	32	12S	7E	7,600
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
10K2MP	U	Rush Pond	24	19S	4E	9,800
11K9	U	Seeley Creek	25	17S	4E	10,000
11K27P	U	Stuart R.S.	8 & 9	15S	7E	7,950
11K29	U	Upper Joe's Valley	21	16S	6E	8,900
11K32	U	Wrigley Creek	27	19S	5E	9,000
		MUDDY RIVER				
11K14	U	Black's Fork	34	20S	4E	9,200
11K15P	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
11L3P	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
9M3	U	Monticello Park	25	33S	23E	7,050
		ESCALANTE RIVER				
11M1	U	Widtsoe-Escalante Summit	22	34S	1W	9,500
11M2PT	U	Widtsoe-Escalante #2	22	34S	1W	9,500
11M3P	U	Widtsoe-Escalante #3	22	34S	1W	9,500
		VIRGIN RIVER				
12M6	U	Long Valley Junction	22	38S	6W	7,500
12M3MPT	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.
10J7M-A	Snow Course, Soil Moisture Station and Aerial Marker.
10J7M-P	Snow Course, Soil Moisture Station and Precipitation Gage.
10J7m	Soil Moisture Station Only.
10J7a	Aerial Marker Only.
10J7p	Storage Precipitation Gage Only.
*	Adjacent Drainage.

WATER SUPPLY OUTLOOK FOR UTAH

U. S. DEPARTMENT of AGRICULTURE ★ SOIL CONSERVATION SERVICE

Collaborating with

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

AS OF
FEB. 1, 1974

Data included in this report were obtained by the agencies named above in cooperation with Federal, State and private organizations listed inside the back cover of this report.

WATER SUPPLY OUTLOOK FOR UTAH

and

FEDERAL - STATE - PRIVATE COOPERATIVE SNOW SURVEYS

Issued by

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UTAH STATE DEPT. OF NATURAL RESOURCES

Report prepared by

BOB L. WHALEY, Snow Survey Supervisor

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

USDA-SCS-PORTLAND, OREG. 1973 M7- -22027B

PROSPECTIVE WATER SUPPLIES

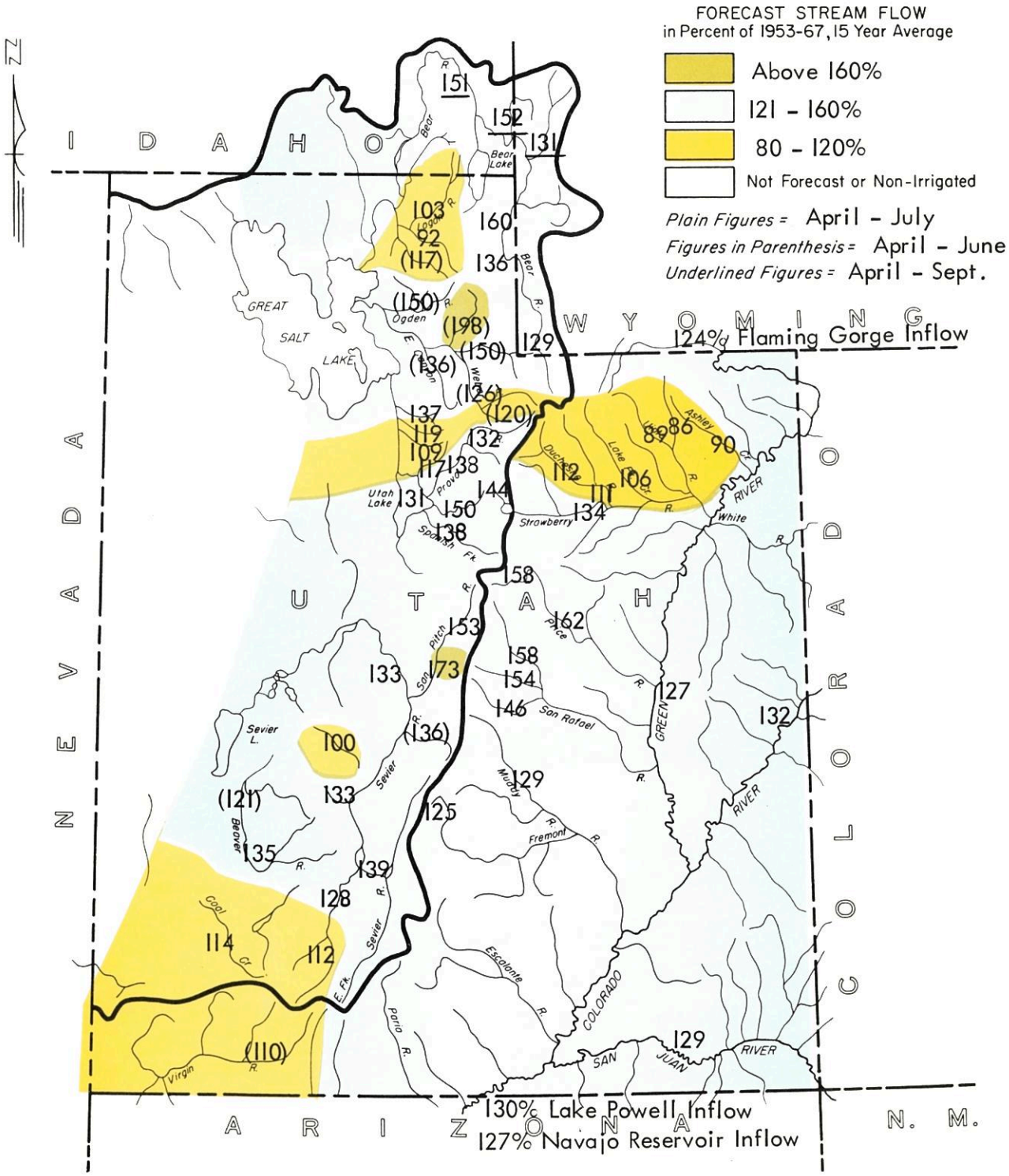
Based on Snow Surveys Made on UTAH and BEAR RIVER WATERSHEDS

FEBRUARY 1, 1974

Approximate Date

50 0 50 100

SCALE IN MILES



WATER SUPPLY OUTLOOK

as of
February 1, 1974

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* * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * *
* Utah's 1974 Water Supply Outlook ranges from "near average"*
* in Uintah Basin to "very good" on Weber and Ogden Rivers.   *
* Snow Cover ranges from 73% of average on the Uintah-        *
* Whiterocks Rivers to 160% of average on San Rafael          *
* tributaries. Reservoir storage is well above average.       *
* Streamflow Forecasts range from 86% of average on           *
* Whiterocks River to 198% of average on Lost Creek near      *
* Croydon.                                                    *
* * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * *
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SNOW COVER

Snow Cover ranges from below average on the Uintah-Whiterocks Watersheds to 60% above average on the Beaver, Lower Sevier and San Rafael Watersheds. Most other watersheds range from 10 to 40% above the February 1 average for the 1958-72 fifteen year period.

PRECIPITATION

Precipitation at mountain stations during January was two to three times average except for a band across the Provo River and Uintah Basin which was 85 to 117% of average. The October-January accumulated amounts ranged from 62% of average in Uintah Basin to 158% on the Beaver River.

RESERVOIR STORAGE

Reservoir Storage is well above average. Sixteen of Utah's key reservoirs average 139% of the February 1 average. Sevier Basin reservoirs are 204% of average.

STREAMFLOW FORECASTS

Streamflow forecasts range from 10-14% below the April-July average in Uintah Basin to as high as almost twice average on Lost Creek. Other streams are forecast between 20 to 60% above average except Southwestern Utah which is 10 to 15% above average and the Logan and Blacksmith Fork which are near average. Colorado River Forecasts range from 124% at Flaming Gorge to 132% at Cisco and 130% for Lake Powell Inflow. San Juan at Bluff is forecast 129% of the April-July average.

Peak flow forecasts will be issued beginning with the March 1 bulletin.

USDA SCS PORTLAND OREG 1963

WATER SUPPLY OUTLOOK
BEAR RIVER BASIN in UTAH

UNITED STATES DEPARTMENT OF AGRICULTURE - SOIL CONSERVATION SERVICE
UTAH STATE DEPARTMENT OF NATURAL RESOURCES - DIVISION OF WATER RIGHTS

FEBRUARY 1, 1974

THE WATER SUPPLY OUTLOOK IS AVERAGE TO ABOVE AVERAGE

SNOW COVER ranges from 110% on the Upper Bear to 123% on the Lower Bear.

PRECIPITATION at Garden City Summit was about twice the January average but only 109% of the October-January total. Salt River Summit shows 107% of January average and 112% for the October-January period.

SOIL MOISTURE is near average.

RESERVOIR STORAGE is above average.

STREAMFLOW FORECASTS range from 92% of average on Blacksmith Fork to 207% of average on Big Creek near Randolph. Bear River forecasts range from 129% at Utah-Wyoming line to 160% at Randolph and 151% at Harer, Idaho. Logan River is forecast 103% of the April-July average for the 1958-72 period.

Report prepared by
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STREAMFLOW FORECASTS

BASIN, STREAM and/or FORECAST POINT	THIS YEAR FORECAST Thousand Acre Feet	THIS YEAR FORECAST Percent of Average	FORECAST PERIOD	PAST RECORD THOUSAND ACRE FEET Last Year	PAST RECORD THOUSAND ACRE FEET Average †
BEAR RIVER					
Bear at Harer, Idaho[1]	408	151	Apr-Sept	- -	271
Bear nr Randolph	163	160	Apr-July	133	102
Bear nr Ut-Wyo. State Line	144	129	Apr-July	104	112
Bear nr Woodruff	176	136	Apr-July	149	130
Big Crk nr Randolph, Utah	8.7	207	Apr-July	- -	4.2b
Blacksmith Fork nr Hyrum	44	92	Apr-July	- -	48
Little Bear nr Paradise	40	117	Apr-June	44	34
Logan nr Logan[1]	116	103	Apr-July	90	113
Smith's Fork nr Border, Wyo.	152	131	Apr-Sept	88	116
Thomas Fork nr Ut-Wyo. Border	49	152	Apr-Sept	30	32
Woodruff Crk nr Woodruff, Ut.	23	149	Apr-July	- -	15.4

1 - Observed flow corrected for change in storage and diversions

SUMMARY of SNOW MEASUREMENTS

RIVER BASIN and or SUB-WATERSHED	Number of Courses Averaged	THIS YEAR AS A PERCENT OF Last Year	THIS YEAR AS A PERCENT OF Average
UPPER BEAR RIVER (Above Harer, Idaho)	4	129	110
LOWER BEAR RIVER (Below Harer, Idaho)	9	142	123
LOGAN RIVER	4	169	114

RESERVOIR STORAGE (Thousand Acre Feet) MID-MONTH READING

Basin or Stream	RESERVOIR	Usable Capacity	Usable Storage This Year	Usable Storage Last Year	Usable Storage Average†
BEAR RIVER	Bear Lake	1421.0	1096.6	1115.4	944.9
	Woodruff Narrows	26.5	26.5	23.1	20.5b
LITTLE BEAR	Hyrum	15.3	10.5	10.6	9.9
	Porcupine	11.3	3.5	3.3b	2.9b

b - Average of all past record - less than 15 years

PEAK FLOWS

FORECAST POINT	PEAK FLOW (SECOND FEET) Forecast Range	PEAK FLOW (SECOND FEET) Average †
TO BEGIN MARCH 1, 1974		

UNITED STATES DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE
Federal Bldg. - Room 4012
Salt Lake City, Utah 84138

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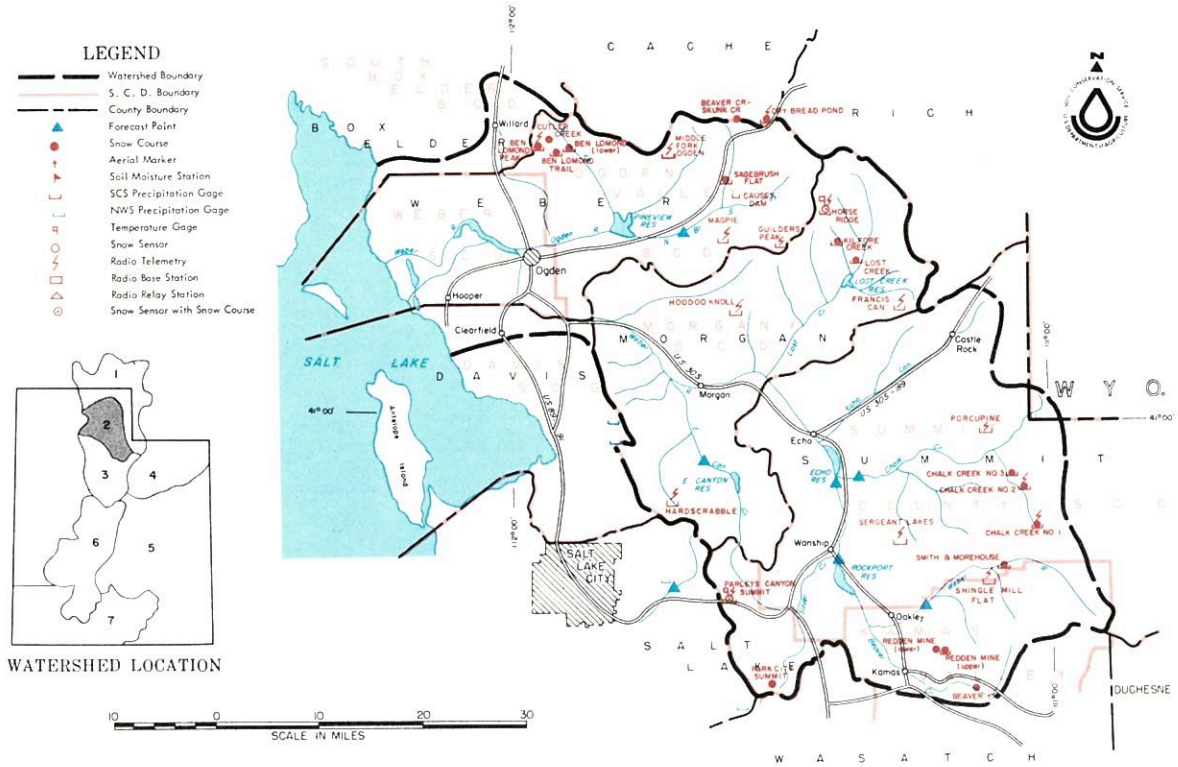
WATER SUPPLY OUTLOOK

WEBER-OGDEN WATERSHEDS in UTAH

UNITED STATES DEPARTMENT OF AGRICULTURE-SOIL CONSERVATION SERVICE
UTAH STATE DEPARTMENT OF NATURAL RESOURCES-DIVISION OF WATER RIGHTS



FEBRUARY 1, 1974

THE WATER SUPPLY OUTLOOK IS VERY GOOD

SNOW COVER is 138% of the February 1 average on the Ogden and 133% on the Weber River.

PRECIPITATION at mountain stations was about double the average for January and was generally better than average for the October-January period.

SOIL MOISTURE is near average.

RESERVOIR STORAGE is very good.

STREAMFLOW FORECASTS range from 120% of the April-June average for the Weber at Oakley to 198% of average for Lost Creek near Croydon. East Canyon is forecast at 136% of average and Pineview Inflow is 150% of its April-June average.

Report prepared by
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USDA SCS PORTLAND, OREG. 1971 M7-0-22027-2-L

STREAMFLOW FORECASTS

BASIN, STREAM and/or FORECAST POINT	THIS YEAR FORECAST Thousand Acre Feet	THIS YEAR FORECAST Percent of Average	FORECAST PERIOD	PAST RECORD THOUSAND ACRE FEET Last Year	PAST RECORD THOUSAND ACRE FEET Average +
WEBER-OGDEN RIVERS					
Chalk Crk at Coalville	48	150	Apr-June	- -	32
East Canyon Crk nr Morgan[1]	30	136	Apr-June	34	22
Hardscrabble Crk nr Portervlle	20	139	Apr-June	- -	14.4b
Lost Crk nr Croydon, Utah[1]	20	198	Apr-June	16.5	10.1
Pineview Reservoir Inflow[2]	153	150	Apr-June	- -	102
South Fork Ogden nr Huntsville	74	148	Apr-June	- -	50
Rockport Reservoir Inflow[1]	139	126	Apr-June	105	110
Weber nr Coalville[1]	140	126	Apr-June	- -	111
Weber nr Oakley	120	120	Apr-June	- -	100

1 - Observed flow corrected for change in storage and diversions
2 - Inflow record as computed by U. S. Bureau of Reclamation
b - Average of all past record - Less than 15 years

SUMMARY of SNOW MEASUREMENTS

RIVER BASIN and/or SUB-WATERSHED	Number of Courses Averaged	THIS YEAR AS A PERCENT OF Last Year	THIS YEAR AS A PERCENT OF Average
OGDEN RIVER	6	116	138
WEBER RIVER	5	118	133

RESERVOIR STORAGE (Thousand Acre Feet) MID-MONTH READING

Basin or Stream	RESERVOIR	Usable Capacity	Usable Storage This Year	Usable Storage Last Year	Usable Storage Average+
OGDEN	Causey	6.9	1.5	2.2	2.3b
	Pinevi w	110.1	40.3	38.8	40.1
WEBER	East Canyon	48.1	39.0	40.0	18.5
	Echo	73.9	51.6	62.7	39.1
	Lost Creek	20.0	13.8	14.9	12.4b
	Rockport	60.9	55.3	24.5	28.6
	Willard Bay	193.3	159.4	156.3	110.3b

PEAK FLOWS

FORECAST POINT	PEAK FLOW (SECOND FEET) Forecast Range	PEAK FLOW (SECOND FEET) Average +
TO BEGIN MARCH 1, 1974		

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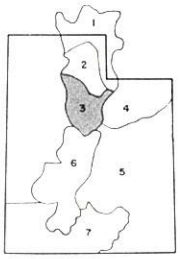
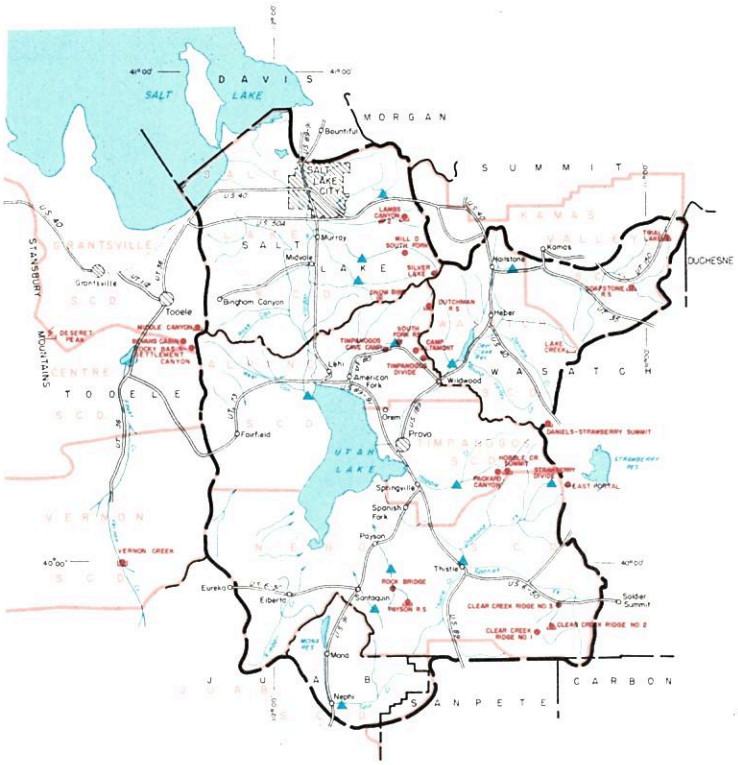
WATER SUPPLY OUTLOOK
UTAH LAKE, JORDAN RIVER and TOOELE VALLEY WATERSHEDS in UTAH

UNITED STATES DEPARTMENT OF AGRICULTURE-SOIL CONSERVATION SERVICE
UTAH STATE DEPARTMENT OF NATURAL RESOURCES-DIVISION OF WATER RIGHTS



WATERSHED LOCATION



FEBRUARY 1, 1974

THE WATER SUPPLY OUTLOOK IS ABOVE AVERAGE

SNOW COVER on Utah Lake Watersheds is 126% of the February 1 average and ranges from 114% on Provo River to 154% on Spanish Fork. Jordan River tributaries above Salt Lake are 138% of average and Middle Canyon above Tooele is 154% of the February 1 average.

PRECIPITATION at mountain stations during January ranged from 85% of average on the American Fork to 255% on Payson Creek.

SOIL MOISTURE is near average.

RESERVOIR STORAGE ranges from 127% of the February 1 average for Deer Creek to 185% for Strawberry Reservoir. Utah Lake is 150% of average.

STREAMFLOW FORECASTS range from 109% of the April-July average on Little Cottonwood to 150% of average for Hobble Creek. Utah Lake Inflow is expected to be 131% of average and Strawberry Inflow is 144% of its April-July average. Provo River is forecast 132% at Hailstone and 138% at Deer Creek Reservoir.

Report prepared by
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USDA-SCS-PORTLAND, OREG. 1977: M7-0-22027-3-L

STREAMFLOW FORECASTS

BASIN, STREAM and/or FORECAST POINT	THIS YEAR FORECAST Thousand Acre Feet	THIS YEAR FORECAST Percent of Average	FORECAST PERIOD	PAST RECORD THOUSAND ACRE FEET Last Year	PAST RECORD THOUSAND ACRE FEET Average +
PROVO RIVER & UTAH LAKE					
American Fork nr American Fork	34	117	Apr-July	- -	29
Hobble Crk nr Springville	24	150	Apr-July	- -	16
Provo nr Hailstone[1]	135	132	Apr-July	- -	102
Provo below Deer Crk Dam[1]	154	138	Apr-July	- -	111
Spanish Fork at Thistle	44	138	Apr-July	- -	32
Strawberry Reservoir Inflow[1]	65	144	Apr-July	- -	45
Utah Lake Inflow	272	131	Apr-July	- -	208
Payson Crk nr Payson	8.6	136	Apr-July	- -	6.3b
JORDAN RIVER & SALT LAKE					
Big Cottonwood nr Salt Lake	43	119	Apr-July	- -	36
Farmington Crk nr Farmington	9.1	117	Apr-July	- -	7.8b
Little Cottonwood Crk nr SLC	38	109	Apr-July	- -	35
Parley's Crk nr SLC	16.0	137	Apr-July	- -	11.7

1 - Observed flow corrected for change in storage and diversions
b - Average of all past record - Less than 15 years

SUMMARY of SNOW MEASUREMENTS

RIVER BASIN and/or SUB-WATERSHED	Number of Courses Averaged	THIS YEAR AS A PERCENT OF Last Year	THIS YEAR AS A PERCENT OF Average
PROVO RIVER & UTAH LAKE	10	94	126
JORDAN RIVER & SALT LAKE	4	112	138
TOOELE VALLEY	1	74	154

RESERVOIR STORAGE (Thousand Acre Feet) MID-MONTH READING

Basin or Stream	RESERVOIR	Usable Capacity	Usable Storage This Year	Usable Storage Last Year	Usable Storage Average +
PROVO	Deer Creek	149.7	120.1	103.7	94.7
SPANISH FORK	Strawberry	270.0	210.2	178.4	113.6
UTAH LAKE	Utah Lake	883.9	848.9	741.6	563.0

PEAK FLOWS

FORECAST POINT	PEAK FLOW (SECOND FEET) Forecast Range	PEAK FLOW (SECOND FEET) Average +
TO BEGIN MARCH 1, 1974		

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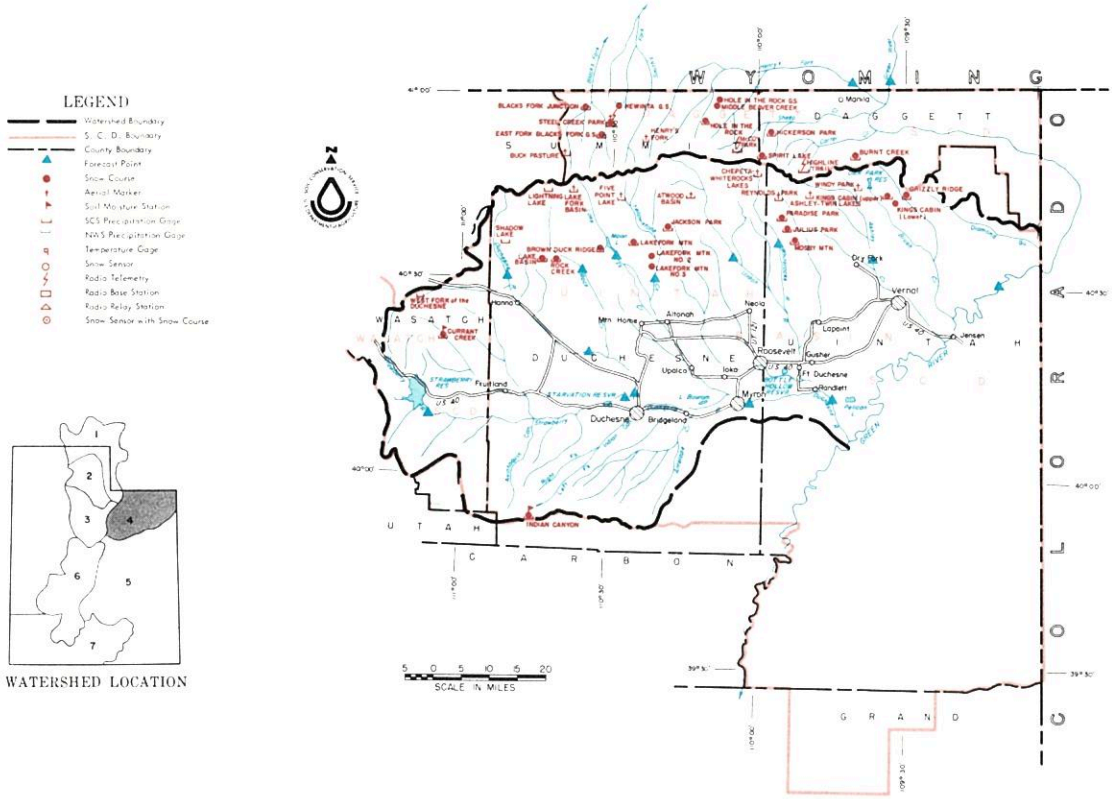
WATER SUPPLY OUTLOOK

UINTAH BASIN and DAGGETT SCD's in UTAH

UNITED STATES DEPARTMENT OF AGRICULTURE - SOIL CONSERVATION SERVICE
UTAH STATE DEPARTMENT OF NATURAL RESOURCES - DIVISION OF WATER RIGHTS



FEBRUARY 1, 1974

THE WATER SUPPLY OUTLOOK IS NEAR AVERAGE

SNOW COVER varies from 73% of average on the Uintah-Whiterocks Rivers to 129% on the Upper Strawberry River. Lakefork and Yellowstone Creeks are 108% of the February 1 average.

PRECIPITATION at mountain stations for the October 1-January 31 period has ranged from 62% of average at Paradise Park to 121% at Daniels-Strawberry Summit.

SOIL MOISTURE is below average in Uintah Basin and near average on the Upper Strawberry River.

RESERVOIR STORAGE is above average.

STREAMFLOW FORECASTS range from 86% of the April-July average on Whiterocks to 134% on the Strawberry River. Ashley Creek is forecast 90% of average and Lakefork Creek is 106% of average. Flaming Gorge Inflow is expected to be 124% of the April-July average.

Report prepared by
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STREAMFLOW FORECASTS

BASIN, STREAM and/or FORECAST POINT	THIS YEAR FORECAST Thousand Acre Feet	THIS YEAR FORECAST Percent of Average	FORECAST PERIOD	PAST RECORD THOUSAND ACRE FEET Last Year	PAST RECORD THOUSAND ACRE FEET Average +
DUCHESNE RIVER					
Duchesne nr Tabiona[1]	116	112	Apr-July	- -	104
Duchesne at Duchesne[1]	205	111	Apr-July	- -	185
Duchesne at Myton[1]	260	127	Apr-July	- -	205
Duchesne at Randlett[1]	278	126	Apr-July	- -	220
Strawberry at Duchesne	75	134	Apr-July	- -	56
Lakefork below Moon Lake[1]	73	106	Apr-July	- -	69
Rock Crk nr Mtn. Home	103	110	Apr-July	- -	94
Uinta nr Neola	78	89	Apr-July	- -	88
Whiterocks nr Whiterock	50	86	Apr-July	- -	58
Yellowstone nr Altonah	64	98	Apr-July	- -	65
FLAMING GORGE TO DUCHESNE RIVER					
Ashley Crk nr Vernal	45	90	Apr-July	- -	50
Henry's Fork at Linwood	50	111	Apr-Sept	- -	45
Flaming Gorge Inflow[1]	1459	124	Apr-July	- -	1174

1 - Observed flow corrected for change in storage and diversions
b - Average for all past record - Less than 15 years

SUMMARY of SNOW MEASUREMENTS

RIVER BASIN and/or SUB-WATERSHED	Number of Courses Averaged	THIS YEAR AS A PERCENT OF Last Year	THIS YEAR AS A PERCENT OF Average
DUCHESNE RIVER - TOTAL	9	100	107
LAKEFORK-YELLOWSTONE CREEKS	3	114	108
STRAWBERRY RIVER	3	118	129
UINTA - WHITEROCKS RIVERS	2	64	73

RESERVOIR STORAGE (Thousand Acre Feet) MID-MONTH READING

Basin or Stream	RESERVOIR	Usable Capacity	Usable Storage This Year	Usable Storage Last Year	Usable Storage Average+
ASHLEY CREEK	Steinaker	33.3	25.8	25.8	19.4b
GREEN RIVER	Flaming Gorge	3749.0	2897.6	2962.0	1641.0
LAKEFORK	Moon Lake	35.8	22.6	16.2	16.3
STRAWBERRY	Starvation	165.3	146.4	130.0	- -
UINTAH	Bottle Hollow	11.3	10.8	11.0	- -

PEAK FLOWS

FORECAST POINT	PEAK FLOW (SECOND FEET) Forecast Range	PEAK FLOW (SECOND FEET) Average +
TO BEGIN MARCH 1, 1974		

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WATER SUPPLY OUTLOOK
CARBON, EMERY, WAYNE, GRAND and SAN JUAN COUNTIES in UTAH

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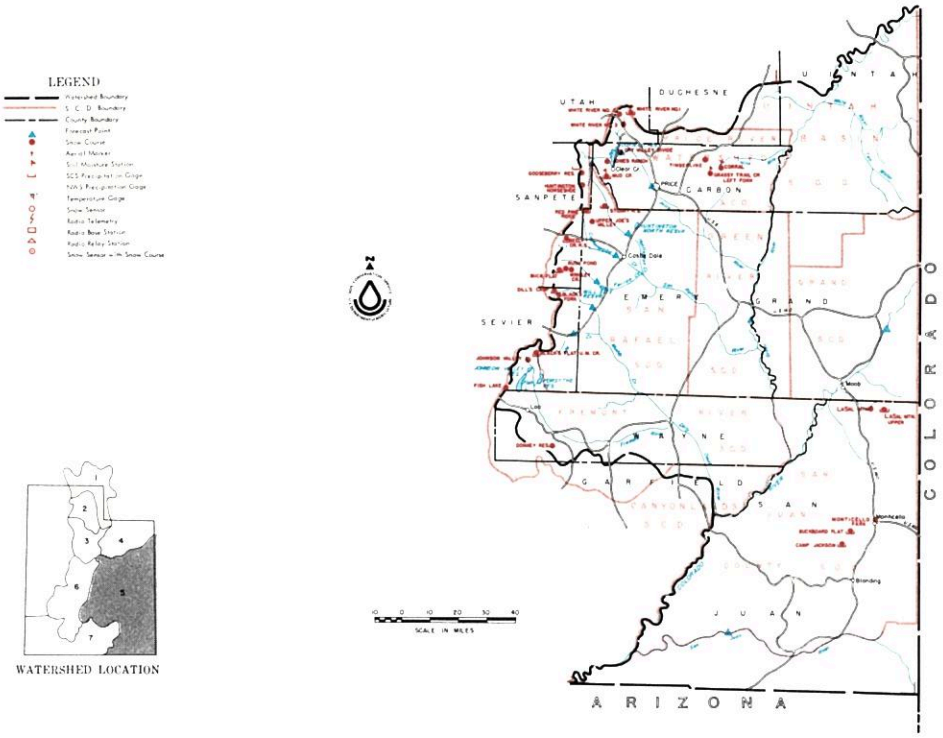
UTAH STATE DEPARTMENT OF NATURAL RESOURCES-DIVISION OF WATER RIGHTS



FEBRUARY 1, 1974

THE WATER SUPPLY OUTLOOK IS VERY GOOD

SNOW COVER ranges from 144% of the February 1 average on Price River to 160% on San Rafael Watersheds.

PRECIPITATION at mountain stations was better than twice the January average and 15 to 40% above average since October 1.

SOIL MOISTURE is above average.

RESERVOIR STORAGE is above average.

STREAMFLOW FORECASTS range from 129% on Muddy Creek to 162% on Price River. Seven Mile Creek is forecast 125% of average. Colorado at Cisco is forecast 132% and Green River 127% of the April-July average.

Report prepared by
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USDA-SCS-PORTLAND OREG. (1971) M7-0-22027-5-L

STREAMFLOW FORECASTS

BASIN, STREAM and/or FORECAST POINT	THIS YEAR FORECAST Thousand Acre Feet	THIS YEAR FORECAST Percent of Average	FORECAST PERIOD	PAST RECORD THOUSAND ACRE FEET Last Year	PAST RECORD THOUSAND ACRE FEET Average +
PRICE RIVER					
Gooseberry Crk nr Scofield	15.6	156	Apr-July	46	10.0
Price nr Heiner[1]	104	162	Apr-July	- -	64b
Scofield Reservoir Inflow[1]	54	158	Apr-July	- -	34
SAN RAFAEL RIVER					
Cottonwood Crk nr Orangeville[1]	71	154	Apr-July	60	46b
Ferron Crk nr Ferron	51	146	Apr-July		35
Huntington Crk nr Huntington	71	158	Apr-July		45
MUDDY RIVER					
Muddy Crk nr Emery	22	129	Apr-July		17.0
UPPER COLORADO BASIN					
Colorado nr Cisco, Utah	3755	132	Apr-July	4947	2835
Green at Green River, Utah	3601	127	Apr-July	3514	2839
Navajo Reservoir Inflow	800	127	Apr-July		597
San Juan nr Bluff, Utah	1099	129	Apr-July	2065	853
FREMONT RIVER					
Seven Mile Crk nr Fish Lake	8.0	125	Apr-July		6.4b

1 - Observed flow corrected for change in storage and diversions

SUMMARY of SNOW MEASUREMENTS

RIVER BASIN and/or SUB-WATERSHED	Number of Courses Averaged	THIS YEAR AS A PERCENT OF Last Year	THIS YEAR AS A PERCENT OF Average
PRICE RIVER	4	114	144
SAN RAFAEL RIVER	5	130	160

RESERVOIR STORAGE (Thousand Acre Feet) MID-MONTH READING

Basin or Stream	RESERVOIR	Usable Capacity	Usable Storage This Year	Usable Storage Last Year	Usable Storage Average +
PRICE RIVER	Scofield	65.8	43.5	22.3	28.8
SAN RAFAEL	Huntington North	3.9	1.8	3.0	2.0b
	Joe's Valley	54.6	37.8	35.4	30.8b
	Mill Site	16.7	4.5a	3.7	- -
SAN JUAN	Navajo	1696.0	1033.7	945.8	- -

a - Partly Estimated
b - Average of all Past Record - Less than 15 years

PEAK FLOWS

FORECAST POINT	PEAK FLOW (SECOND FEET) Forecast Range	PEAK FLOW (SECOND FEET) Average +
TO BEGIN MARCH 1, 1974		

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WATER SUPPLY OUTLOOK

SEVIER RIVER BASIN including BEAVER RIVER in UTAH

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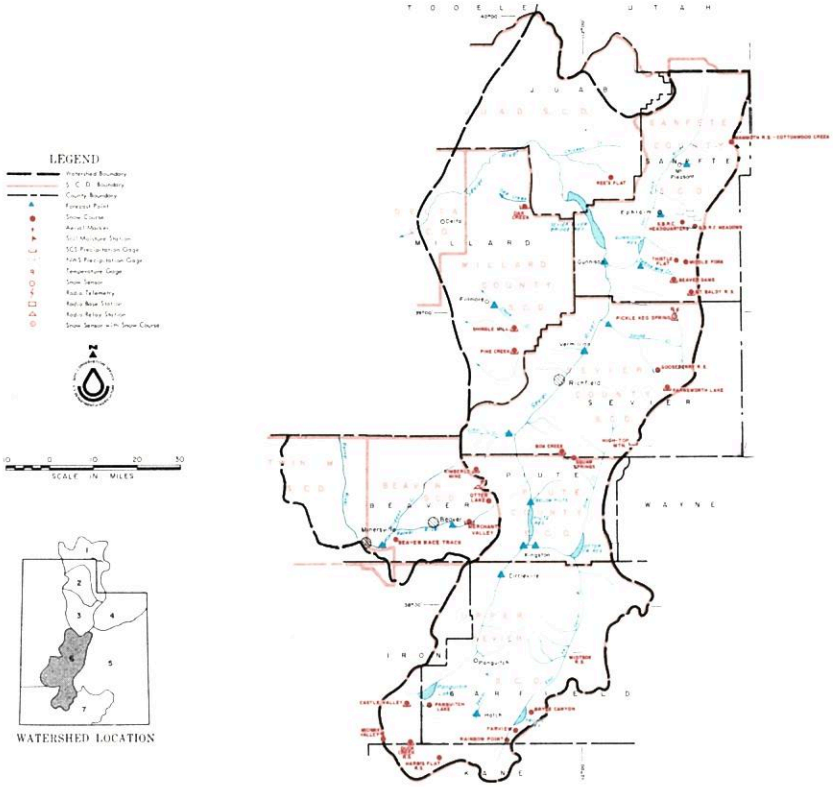

FEBRUARY 1, 1974

THE WATER SUPPLY OUTLOOK IS VERY GOOD

SNOW COVER varies from 114% of the 1958-72 average on the Upper Sevier to 159% on the Lower Sevier and Beaver River.

PRECIPITATION at mountain stations was 2 to 3 times the average for January but ranged from 3/4 to 1 1/2 the average for the October-January period on the Sevier.

SOIL MOISTURE is near average.

RESERVOIR STORAGE is well above average. Sevier River storage ranges from 151 to 233% of average and Minersville Reservoir is 170% of its February 1 average.

STREAMFLOW FORECASTS range from near average on Chalk Creek to 173% of the April-July average for Ephraim Creek. Sevier River forecasts range from 112% at Hatch to 144% on the Inflow Vermillion to Gunnison. Beaver River is forecast at 135% and Minersville Inflow 121% of average.

Report prepared by
BOB L. WHALEY
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USDA-SCS-PORTLAND OREG. 1971 M7-0-22027-6-L

STREAMFLOW FORECASTS

BASIN, STREAM and/or FORECAST POINT	THIS YEAR FORECAST Thousand Acre Feet	THIS YEAR FORECAST Percent of Average	FORECAST PERIOD	PAST RECORD THOUSAND ACRE FEET Last Year	PAST RECORD THOUSAND ACRE FEET Average +
SEVIER RIVER					
Chalk Crk nr Fillmore	15.5	100	Apr-July	- -	15.5b
Clear Crk nr Sevier-Above Div.	20	133	Apr-July	- -	15.0
East Fork Sevier nr Kingston[1]	20	139	Apr-July	56	14.4
Antimony Crk nr Antimony	8.4	115	Apr-July	- -	7.3
Inflow					
Kingston to Vermillion Dam	55	110	Apr-June	- -	50
Vermillion Dam to Gunnison	56	144	Mar-June	- -	39
Salina Crk at Salina	11.0	136	Apr-June	- -	8.1b
Sevier nr Circleville	36	128	Apr-July	- -	28
Sevier nr Gunnison	52	133	Apr-July	- -	39
Sevier at Hatch	46	112	Apr-July	78	41
Sevier nr Kingston	25	119	Apr-July	- -	21
Sevier below Piute Dam[1]	43	130	Apr-July	- -	33
SAN PITCH RIVER					
Ephraim Crk nr Ephraim	24	173	Apr-July	- -	13.9b
Pleasant Crk nr Mt. Pleasant	12.0	153	Apr-July	- -	7.8
BEAVER RIVER					
Beaver nr Beaver	27	135	Apr-July	38	20
Minersville Reservoir Inflow[1]	7.0	121	Apr-June	- -	5.8

SUMMARY of SNOW MEASUREMENTS

RIVER BASIN and or SUB-WATERSHED	Number of Courses Averaged	THIS YEAR AS A PERCENT OF Last Year	THIS YEAR AS A PERCENT OF Average
UPPER SEVIER RIVER	7	66	114
LOWER SEVIER RIVER	5	106	159
BEAVER RIVER	3	105	159

PRIMARY WATER RIGHT FORECASTS (PERCENT OF WATER RIGHT DELIVERED)

RIVER SECTION	Percent Forecast For This Year	Average Percent Delivered During 15 year Period†	Forecast Period
SEVIER RIVER			
Below Vermillion Dam	60	55	April-Sept
Circle Valley	80	65	April-Sept
Panguitch Valley	85	82	April-Sept
Sevier Valley	55	38	April-Sept

Inflow to Sevier Bridge Reservoir October 1 to March 31 is expected to be about 100,000 acre feet.

Below Vermillion - Flow above 360 second feet should total about 2500-3500 acre feet.

RESERVOIR STORAGE (Thousand Acre Feet) MID-MONTH READING

Basin or Stream	RESERVOIR	Usable Capacity	Usable Storage This Year	Usable Storage Last Year	Usable Storage Average†
SEVIER RIVER	Gunnison	18.2	16.4	15.0a	9.8
	Otter Creek	52.5	46.8	24.9	25.4
	Piute	71.8	56.2	38.6	37.2
	Sevier Bridge	236.0	193.8	111.9	83.2
BEAVER RIVER	Minersville (Rky Fd)	23.3	19.2	8.8	11.3

a - Partly Estimated
1 - Observed flow corrected for change in storage and diversions

PEAK FLOWS

FORECAST POINT	PEAK FLOW (SECOND FEET) Forecast Range	PEAK FLOW (SECOND FEET) Average +
TO BEGIN MARCH 1, 1974		

FORECAST DATE of LOW FLOW VALUES

FORECAST POINT	Low Flow Value Second Ft.	Forecast Date Stream Will Recede to Low Flow Value	Average Date of Low Flow Value
Clear Crk nr Sevier (above Div.)	5	August 3	July 28
Salina Crk at Salina	25	June 12	June 10
Sevier at Circleville (Circle Valley)	90	June 23	June 24
Sevier at Hatch (upper)	100	July 9	July 10

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WATER SUPPLY OUTLOOK

EAST GARFIELD, KANE, WASHINGTON and IRON COUNTIES in UTAH

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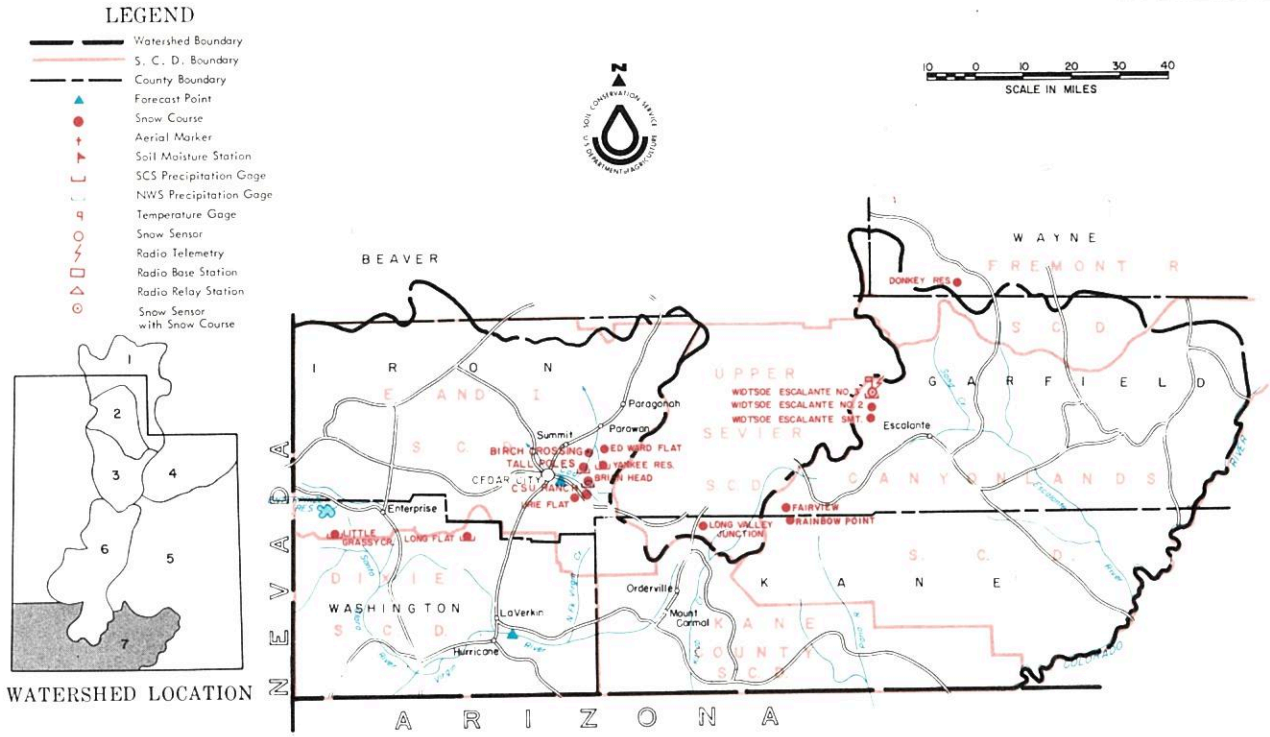
UTAH STATE DEPARTMENT OF NATURAL RESOURCES - DIVISION OF WATER RIGHTS



FEBRUARY 1, 1974

THE WATER SUPPLY OUTLOOK IS NEAR AVERAGE

SNOW COVER ranges from 116% of the February 1 average on Coal Creek to 136% on the Virgin River.

PRECIPITATION at mountain stations ranged from 73% of the January average on Parowan Creek to 195% for Webster Flat. The October-January total at these stations has been 86% and 107% of average respectively.

RESERVOIR STORAGE is 17,419,000 acre-feet in Lake Powell. Last February 1 it held 12,253,000 acre-feet.

STREAMFLOW FORECASTS vary from 110% of the April-June average on the Virgin to 130% of the April-July average for the Inflow to Lake Powell. Coal Creek is forecast 114% of the April-July average for the 1958-72 period.

Report prepared by
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STREAMFLOW FORECASTS

BASIN, STREAM and/or FORECAST POINT	THIS YEAR FORECAST Thousand Acre Feet	THIS YEAR FORECAST Percent of Average	FORECAST PERIOD	PAST RECORD THOUSAND ACRE FEET Last Year	PAST RECORD THOUSAND ACRE FEET Average †
VIRGIN RIVER					
Virgin nr Virgin	53	110	Apr-June	- -	48b
COAL CREEK					
Coal Crk nr Cedar City	18.3	114	Apr-July	95	16.1
UPPER COLORADO					
Lake Powell Inflow	8929	130	Apr-July	- -	6881

SUMMARY of SNOW MEASUREMENTS

RIVER BASIN and/or SUB-WATERSHED	Number of Courses Averaged	THIS YEAR AS A PERCENT OF Last Year	THIS YEAR AS A PERCENT OF Average
COAL CREEK	3	78	116
VIRGIN RIVER	2	72	136

RESERVOIR STORAGE (Thousand Acre Feet) MID-MONTH READING

Basin or Stream	RESERVOIR	Usable Capacity	Usable Storage This Year	Usable Storage Last Year	Usable Storage Average†
COLORADO	Lake Powell	25002.0	17419.0	12253.0	8401b
	Blue Mesa	829.5	472.4	- -	- -

PEAK FLOWS

FORECAST POINT	PEAK FLOW (SECOND FEET) Forecast Range	PEAK FLOW (SECOND FEET) Average †
TO BEGIN MARCH 1, 1974		

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SNOW	THIS YEAR			PAST RECORD		PRECIPITATION (Inches)					
DRAINAGE BASIN and/or SNOW COURSE NAME	Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Water Content (inches) Last Year	Average +	CURRENT INFORMATION Date of Reading	Month's Precipitation	Average +	FROM APPROX. OCT 1 TO DATE This Year	Average +	Percent of Average
GREAT BASIN											
UPPER BEAR RIVER (Above Harer, Idaho)											
Big Park	1/31	54	15.1	10.3	13.3a						
CCC Camp	1/30	36	8.4	7.7	8.2						
Gold Hill*	2/6	Data Not Available from USU									
Kelly Ranger Station	1/31	52	14.8	10.7	11.7a						
Lily Lake*	2/6	Data Not Available from USU									
Piney-LaBarge #2	1/27	58	15.7	13.1	15.8a						
Salt River Summit	1/30	48	13.0	8.1	- -	1/30	4.05	3.77	12.10	10.81	112
LOWER BEAR RIVER (Below Harer, Idaho)											
Christensen Ranch	1/30	36	8.7	7.5	5.9						
Cinnamon Creek*	2/6	Data Not Available from USU									
Clarkston Mountain*	2/6	Data Not Available from USU									
Cub River Ranger Station	1/29	39	9.8	6.6	5.8						
Curtis Creek*	2/6	Data Not Available from USU									
Dry Basin	1/30	80	24.0	14.1	- -						
Dry Creek Flat	1/28	36	9.0	9.8	5.3						
Emigrant Summit	1/31	71	20.9	13.8	16.6a						
Garden City Summit	1/28	55	14.4	8.4	11.6	1/29	7.85	3.86	13.88	12.68	109
Emigration Canyon	1/31	32	8.2	5.8	7.8a						
George Peak*	2/6	Data Not Available from USU									
Herd Hollow*	2/6	Data Not Available from USU									
Horseshoe Basin	1/30	65	20.8	14.4	- -						
Klondike Narrows*	1/28	56	15.0	9.6	13.4	2/6	Data Not Available from USU				
Little Bear (lower)	1/29	37	10.3	- -	- -						
Little Bear (upper)	1/29	42	11.6	- -	- -						
Monte Cristo Ranger Station	1/27	69	19.3	15.1	16.7b	1/27	10.24	- -	21.22	- -	- -
Oxford Mountain	1/28	34	7.6	8.0	6.5a						
Steep Hollow #1	1/28	90	27.0	15.8	24.9b						
Steep Hollow #2	1/28	73	21.2	12.2	18.2b						
Strawberry Creek	1/31	42	10.1	9.1	7.2						
Strawberry Mink Divide	1/30	61	18.4	14.6	14.2						
Slug Creek Divide	1/30	40	10.6	11.0	11.0a						
Tony Grove Lake*	2/6	Data Not Available from USU									
Tony Grove Ranger Station	1/29	43	10.5	5.8	- -						
Willow Flat	1/29	53	14.2	10.4	10.0						
Franklin Basin*	2/6	Data Not Available from USU									
OGDEN RIVER											
Beaver Crk-Skunk Crk	1/27	40	10.3	9.9	8.0						
Ben Lomond (lower)	1/26	56	15.8	12.0	10.0	1/26	- -	5.45	12.35	16.81	73
Ben Lomond Peak*	2/6	Data Not Available from USU									
Ben Lomond Trail	1/26	61	17.8	14.7	11.6b	1/26	Gage Molested				
Bug Lake*	2/6	Data Not Available from USU									
Causey Dam						1/27	6.72	3.05	12.41	9.07	137
Cutler Creek	1/26	75	22.1	21.8	18.7b						
Deer Springs*	2/6	Data Not Available from USU									
Dry Bread Pond	1/27	52	14.2	12.7	11.3	1/27	7.01	- -	12.66	- -	- -
Francis Canyon*	2/6	Data Not Available from USU									
Guilder's Peak*	2/6	Data Not Available from USU									
Magpie*	2/6	Data Not Available from USU									
Middle Fork Ogden*	2/6	Data Not Available from USU									
Sagebrush Flat	1/27	29	7.4	4.6	3.7	1/27	6.85	- -	10.41	- -	- -
WEBER RIVER											
Beaver Creek Ranger Station	1/31	29	7.8	6.2	5.7						
Chalk Creek #1*	1/29	68	18.4	15.6	- -	2/6	Data Not Available from USU				
Chalk Creek #2*	1/29	46	11.0	10.7	8.8	2/6	Data Not Available from USU				
Chalk Creek #3	1/29	31	7.0	6.9	5.1	1/29	3.95	- -	10.84	- -	- -
Farmington Canyon (upper)**	2/6	- -	27.9	20.2	17.5b						
Hardscrabble*	2/6	Data Not Available from USU									
Horse Ridge**	2/6	- -	22.7	12.0	- -						
Parley's Canyon Summit	1/30	57	16.6	12.3	11.7	1/30	7.86	3.86	17.76	14.08	126
Park City Summit	2/4	76	24.5	19.8a	- -						
Porcupine*	2/6	Data Not Available from USU									
Sargeant Lakes*	2/6	Data Not Available from USU									
Shingle Mill Flat*	2/6	Data Not Available from USU									
Smith & Morehouse	1/30	41	10.1	8.2	8.1	1/30	6.47	3.26	14.05	11.62	121

+ 1958-1972 period

USDA SCS PORTLAND OREGON 1974 M7-0-22027Y

SNOW	THIS YEAR			PAST RECORD		PRECIPITATION (Inches)					
DRAINAGE BASIN and/or SNOW COURSE				Water Content (inches)		CURRENT INFORMATION			FROM APPROX. OCT 1 TO DATE		
NAME	Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Last Year	Average +	Date of Reading	Month's Precipitation	Average +	This Year	Average +	Percent of Average
PROVO RIVER & UTAH LAKE											
Beaver Creek Divide	1/31	43	11.5	- -	- -						
Camp Altamont	1/30	35	9.4	12.4	9.9						
Clear Creek Ridge #1	1/31	50	15.6	14.0	- -						
Clear Creek Ridge #2	1/31	42	12.2	11.2	8.3	1/31	Gage Molested				
Clear Creek Ridge #3	1/31	30	8.1	8.1	4.9						
Dutchman Ranger Station	1/30	49	14.6	12.7	- -	1/30	2.62a	- -	6.22a	- -	- -
Hobble Creek Summit	1/25	40	12.4	10.9	- -	1/25	- -	- -	13.35	- -	- -
Packard Canyon	1/25	35	9.9	9.2	- -						
Payson Ranger Station	1/29	50	16.2	18.0	10.5	1/29	7.10	2.78	15.50	10.99	141
Rock Bridge	1/29	42	11.8	14.2	7.3						
Soapstone	1/31	41	10.7	7.5	8.3	1/31	5.15	3.13	13.23	10.19	130
South Fork Ranger Station	1/30	24	6.8	7.6	4.2						
Timpanogos Cave Camp	1/30	12	2.6	5.1	1.7						
Timpanogos Divide	1/30	47	13.6	17.3	15.7	1/31	4.00	4.73	13.90	16.72	83
Trial Lake	1/31	67	18.8	16.0	16.6	1/31	4.63	4.85	18.11	14.92	121
JORDAN RIVER & SALT LAKE											
Deseret Peak*	2/6	Data Not Available from USU									
Lamb's Canyon	1/30	49	14.3	9.7	9.7						
Lamb's Canyon #2	1/30	51	14.4	10.7	- -	1/30	5.13	- -	12.75	- -	- -
Middle Canyon - Tooele	1/30	40	12.3	16.5	8.0						
Mill Creek	2/1	56	17.8	- -	- -						
Mill D South Fork	1/31	56	17.4	14.2	12.5						
Mt. Dell Dam						1/31	1.88	2.16	10.80	8.72	124
Silver Lake (Brighton)	1/31	60	19.0	16.1	15.4						
Snowbird (Gad Valley)	Data Not Available			18.0a	- -						
Vernon Creek	1/26	32	8.3	11.3	- -	1/26	- -	- -	8.19	- -	- -
UPPER SEVIER RIVER (South of Richfield, Utah)											
Bryce Canyon	1/31	17	3.9	7.4	2.8						
Duck Creek Ranger Station	1/31	33	9.2	11.8	8.0	1/31	4.95	2.68	8.25	11.05	75
Farview	1/30	21	5.2	10.6	- -						
Harris Flat Ranger Station	1/31	22	6.5	9.2	5.0						
Kimberly Mine	1/28	51	12.9	15.0	- -	1/28	7.54	2.88b	12.84	10.34b	124
Midway Valley	1/31	43	13.2	18.2	12.9	1/31	5.95	- -	10.65	- -	- -
Rainbow Point	1/30	20	5.1	8.6	- -						
Widtsoe Escalante #2	1/30	25	5.5	10.6	5.4						
Widtsoe Escalante #3	1/30	30	6.8	11.8	6.6b	1/30	4.03	1.28	7.37	7.84	94
Widtsoe Escalante Summit	1/30	22	5.7	7.6	4.0						
Widtsoe Ranger Station						1/30	1.62	- -	2.61	- -	
LOWER SEVIER RIVER (Including San Pitch)											
Farnsworth Lake	1/29	61	17.2	17.1	10.5	1/29	6.90	2.61	15.45	10.83	143
G.B.R.C. Headquarters	1/31	49	14.4	15.0	8.8	1/31	6.30	- -	15.75	- -	- -
G.B.R.C. Majors						1/31	3.34	- -	8.30	- -	- -
G.B.R.C. Meadows	1/31	64	20.9	19.4	13.8	1/31	- -	- -	18.13	- -	- -
G.B.R.C. Oaks						1/31	4.15	- -	10.30	- -	- -
Gooseberry Ranger Station	1/29	51	13.4	11.8	6.6	1/29	5.45	- -	10.50	- -	- -
Mammoth R. S.-Ctnwood Crk	1/30	56	17.6	15.4	12.7b	1/30	7.10	3.50b	14.00	11.59b	121
Shingle Mill	1/31	35	9.3	13.2	- -	1/31	4.71	1.83b	13.91	9.02b	154
BEAVER RIVER											
Beaver Canyon Power House						1/31	4.09	1.04	8.18	5.16	158
Beaver Race Track	1/29	0	0.0	3.3	- -						
Big Flat	1/29	53	12.9	14.4	9.8	1/29	8.83	- -	11.92	- -	- -
Merchant Valley	1/29	42	10.4	7.6	4.7	1/29	7.47	- -	10.73	- -	- -
Otter Lake	1/29	48	12.2	11.7	7.8						
PAROWAN CREEK											
Birch Crossing	1/30	28	7.1	6.5	- -						
Brian Head	1/30	50	14.7	16.1	- -						
Tall Poles	1/30	39	10.6	11.7	- -	1/30	4.20	5.76a	10.50	12.22a	86
COAL CREEK											
SUSC Ranch	1/31	27	6.9	8.3	5.1a						
Urie Flat		Discontinued									

USDA SCS PORTLAND, OREGON 1974 M7-0-22027Y

+ 1958-1972 period.

SNOW	THIS YEAR			PAST RECORD		PRECIPITATION (Inches)					
DRAINAGE BASIN and/or SNOW COURSE				Water Content (inches)		CURRENT INFORMATION			FROM APPROX. OCT 1 TO DATE		
NAME	Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Last Year	Average +	Date of Reading	Month's Precipitation	Average +	This Year	Average +	Percent of Average
COLORADO RIVER BASIN											
UPPER GREEN RIVER - UTAH											
Burnt Creek	1/30	18	3.9	5.7	- -	1/30	2.00	1.53b	6.85	6.47b	106
Grizzly Ridge	1/30	24	5.7	8.4	- -	1/30	2.80	2.35b	7.40	9.31b	79
Highline Trail*											
McKoy Park*											
Steel Creek Park*											
DUCHESNE RIVER											
Daniels-Strawberry Summit	1/30	39	11.6	10.4	9.6	1/30	6.14	3.08	13.60	11.21	121
East Portal	1/31	36	9.6	7.0	6.8	1/31	3.12	3.56	13.16	12.48	105
Indian Canyon	1/28	27	6.8	8.7	7.8	1/28	4.21	2.36b	7.26	9.07b	80
Julius Park	1/29	Course	Disturbed	9.3	8.4	1/29	2.55	2.28b	6.50	8.84b	74
Lakefork Mountain	1/30	32	8.6	6.7	6.8	1/30	4.62	- -	9.59	- -	- -
Lakefork Mountain #2	1/30	22	4.7	4.9	5.0						
Lakefork Mountain #3	1/30	20	4.1	3.6	4.3						
Mosby Mountain	1/29	21	4.5	6.6	6.6	1/29	2.38	2.03a	6.23	7.18a	87
Paradise Park	1/29	25	6.1	9.9	8.0	1/29	2.65	2.42b	6.70	10.72b	62
Strawberry Divide	1/31	52	14.8	13.1	11.4						
PRICE RIVER											
Dry Valley Divide	1/31	32	8.7	8.1	6.5						
Gooseberry Reservoir	1/30	51	17.6	15.6	10.9	1/30	8.20	3.07	15.68	11.06	142
Jones Ranch	1/31	28	6.6	5.1	4.3						
Mud Creek #2	1/31	39	10.2	9.1	8.2	1/31	4.78	2.30	10.16	8.86	115
SAN RAFAEL RIVER											
Buck Flat	1/30	51	14.8	11.0	9.2b	1/30	6.55	- -	14.40	- -	- -
Orange Olson	2/1	21	4.5	3.0	- -	2/1	- -	- -	5.25	- -	- -
Red Pine Ridge	2/1	48	14.4	10.8	9.8b	2/1	- -	- -	15.75	- -	- -
Rush Pond	1/30	45	11.8	9.7	8.2b						
Upper Joe's Valley	2/1	38	9.6	6.6	5.7b						
Wrigley Creek	1/30	34	8.1	7.4	6.6						
SAN JUAN RIVER											
Monticello City Park	1/31	16	3.3	- -	- -						
VIRGIN RIVER											
Long Valley Junction	1/31	15	4.6	8.4	2.6						
Webster Flat	1/31	40	12.0	14.6	9.6	1/31	6.35	3.25	12.55	11.75	107

a - Partly Estimated
b - Average of all past record - less than 15 years
* - USU-SCS Cooperative Radio Reading
** - SCS Radio Reading
\+ - 1958-72 15 year average period

USDA SCS PORTLAND OREGON 1974 M7-0-22027Y

+ 1958-1972 period.

WATER SUPPLY OUTLOOK FOR UTAH

U. S. DEPARTMENT of AGRICULTURE ★ SOIL CONSERVATION SERVICE

Collaborating with

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

AS OF
MAR. 1, 1974

Data included in this report were obtained by the agencies named above in cooperation with Federal, State and private organizations listed inside the back cover of this report.

WATER SUPPLY OUTLOOK FOR UTAH

and

FEDERAL - STATE - PRIVATE COOPERATIVE SNOW SURVEYS

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Report prepared by

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SOIL CONSERVATION SERVICE
SNOW SURVEY SECTION
FEDERAL BLDG., ROOM 4012
SALT LAKE CITY, UTAH 84138

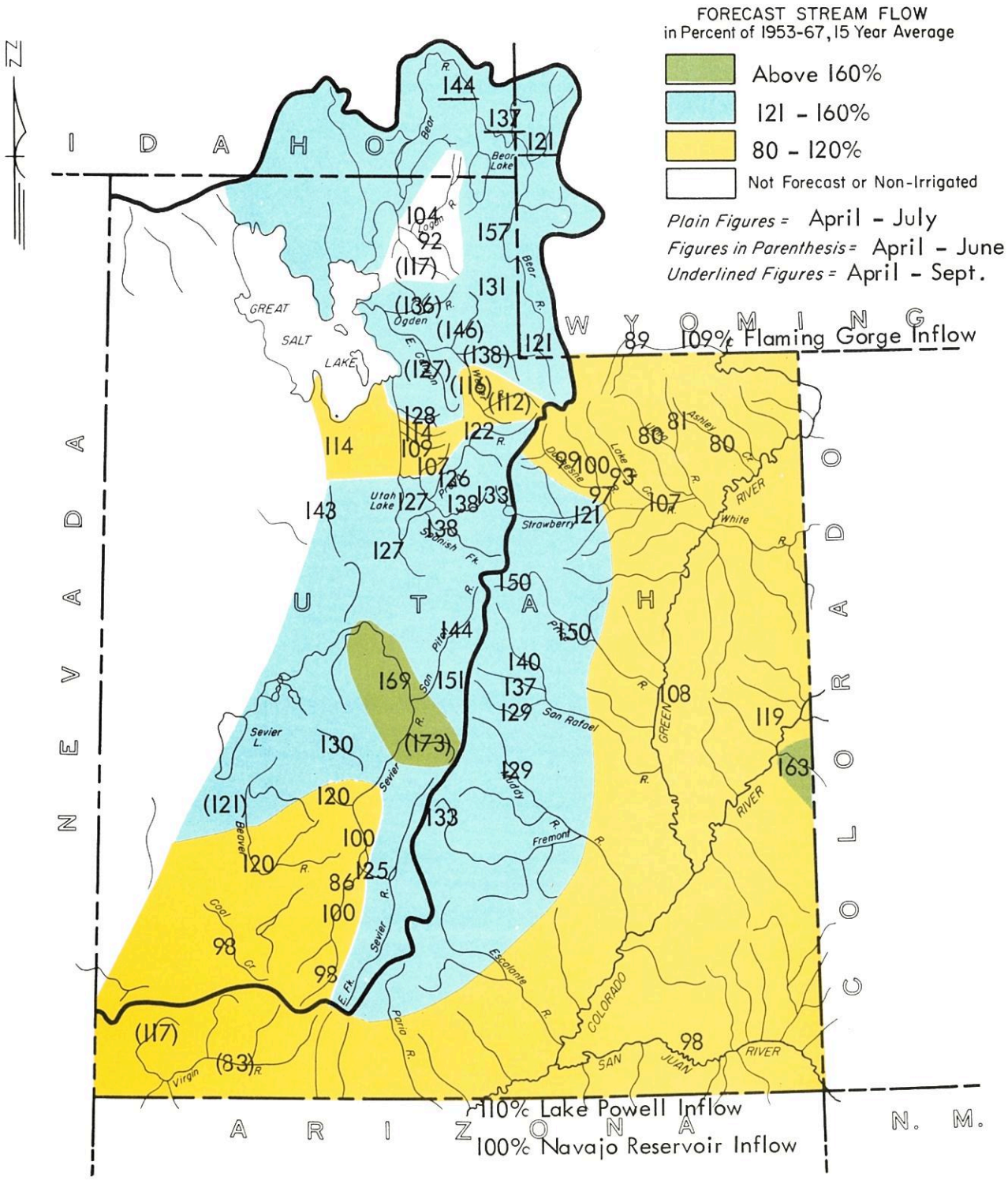
USDA-SCS-PORTLAND, OREG. 1974 M7-L-22027B

PROSPECTIVE WATER SUPPLIES

Based on Snow Surveys Made on UTAH and BEAR RIVER WATERSHEDS

March 1, 1974
Approximate Date

50 0 50 100
SCALE IN MILES



WATER SUPPLY OUTLOOK

as of
MARCH 1, 1974

* *
* Utah's 1974 Water Supply Outlook ranges from slightly below *
* average in Uintah Basin to very good on the Lower Sevier, *
* San Rafael, and Ogden Rivers. Snow cover ranges from 62% *
* to 150% of the March 1 average. Reservoir storage is very *
* good and streamflow forecasts range from 80% to 173% of *
* average. *
* *

SNOW COVER

Snow cover now ranges from a low of 62% of the March 1 average on Uintah-Whiterocks and Ashley-Brush Creek drainages to as high as 150% on the Lower Sevier-San Pitch Rivers. Most snow courses showed well below the average increase during February and some had no increase.

PRECIPITATION

Precipitation at mountain stations ranged from zero in the Uintah Basin at Lakefork Mountain to 134% of average at Monte Cristo Ranger Station between the Bear and Ogden Rivers. Most stations measured well below the February average precipitation.

SOIL MOISTURE

Soil moisture is generally near average but dry at lower elevations in Eastern and Southern Utah.

RESERVOIR STORAGE

Reservoir storage in 135% of the 15 year average (1958-72) for March 1 and most reservoirs are expected to fill this year. Water is being released from some reservoirs to make room for spring runoff.

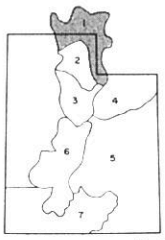
STREAMFLOW FORECASTS

Streamflow forecasts generally have been reduced due to the below average February increase to the snow pack and now range from 80 to 173% of average. Forecasts are lowest in the Uintah Basin, Upper Sevier, Virgin River drainages and well above average on Salina Creek, Lower Sevier, and San Pitch Rivers. Price River (150%), Huntington Creek (140%), Bear River at Harer, Idaho (144%), Lost Creek (146%), Ogden River (140%), and Mill Creek near Moab are other streams expected to be well above average this spring. The only areas that now appear to have high peak flow potential during the snow melt season this spring are Salina Creek, Moab Creek, San Pitch tributaries and possibly Price River, Ogden River, Lost Creek, and Chalk Creek near Coalville.

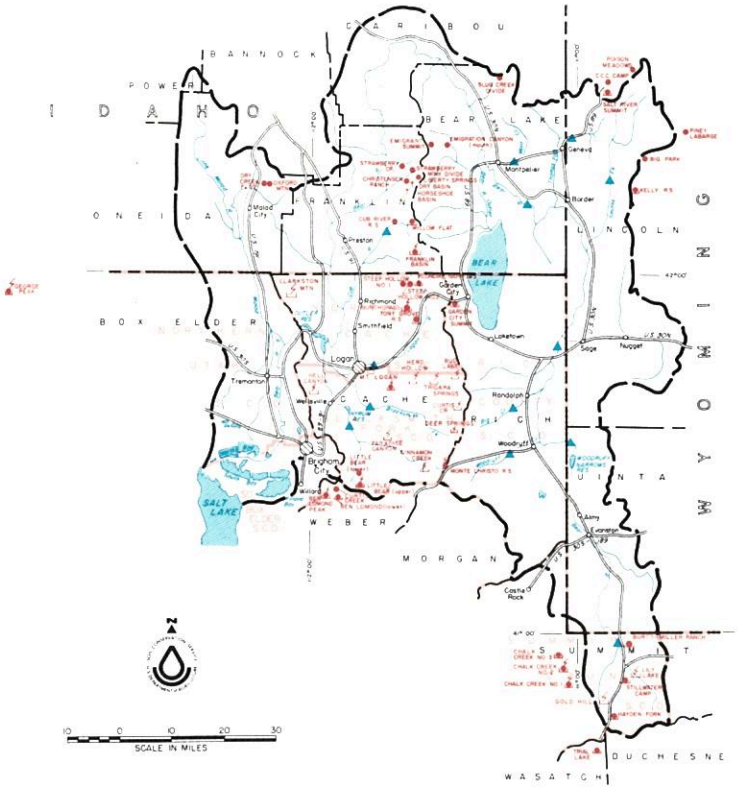
USDA SCS PORTLAND OREG 1983

WATER SUPPLY OUTLOOK
BEAR RIVER BASIN in UTAH

UNITED STATES DEPARTMENT OF AGRICULTURE - SOIL CONSERVATION SERVICE
UTAH STATE DEPARTMENT OF NATURAL RESOURCES - DIVISION OF WATER RIGHTS



WATERSHED LOCATION



MARCH 1, 1974

THE WATER SUPPLY OUTLOOK IS AVERAGE TO ABOVE AVERAGE

SNOW COVER on the Upper Bear is 101% of average and 144% of last year. Lower Bear snow cover is 128% of average and 143% of last March 1. Logan River is 114% of average and 166% of last year.

PRECIPITATION at mountain stations during February varied from 58% of average at Tony Grove Ranger Station to 134% at Monte Cristo Ranger Station.

SOIL MOISTURE is near average.

RESERVOIR STORAGE is 114% of average and totals about the same as last March 1.

STREAMFLOW FORECASTS range from 92% of average on Blacksmith Fork to 167% on Big Creek near Randolph for the April-July period. Peak flows are expected to range from near average except on Big Creek which could run near double the average.

Report prepared by
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BEAR RIVER BASIN in UTAH

STREAMFLOW FORECASTS

BASIN, STREAM and/or FORECAST POINT	THIS YEAR FORECAST Thousand Acre Feet	THIS YEAR FORECAST Percent of Average	FORECAST PERIOD	PAST RECORD THOUSAND ACRE FEET Last Year	PAST RECORD THOUSAND ACRE FEET Average +
BEAR RIVER					
Bear at Harer, Idaho[1]	390	144	Apr-Sept	- -	271
Bear nr Randolph	160	157	Apr-July	133	102
Bear nr Ut-Wyo. State Line	136	121	Apr-July	104	112
Bear nr Woodruff	170	131	Apr-July	149	130
Big Crk nr Randolph, Utah	7.0	167	Apr-July	- -	4.2b
Blacksmith Fork nr Hyrum	44	92	Apr-July	- -	48
Little Bear nr Paradise	40	117	Apr-June	44	34
Logan nr Logan[1]	118	104	Apr-July	90	113
Smith's Fork nr Border, Wyo.	140	121	Apr-Sept	88	116
Thomas Fork nr Ut-Wyo Border	44	137	Apr-Sept	30	32
Woodruff Crk nr Woodruff, Ut.	21	136	Apr-July	- -	15.4

1 - Observed flow corrected for change in storage and diversions
b - Average of all past record - less than 15 years

SUMMARY of SNOW MEASUREMENTS

RIVER BASIN and or SUB-WATERSHED	Number of Courses Averaged	THIS YEAR AS A PERCENT OF Last Year	THIS YEAR AS A PERCENT OF Average
UPPER BEAR RIVER	6	144	101
LOWER BEAR RIVER	17	143	128
LOGAN RIVER	5	166	114

RESERVOIR STORAGE (Thousand Acre Feet) MID-MONTH READING

Basin or Stream	RESERVOIR	Usable Capacity	Usable Storage This Year	Usable Storage Last Year	Usable Storage Average+
BEAR RIVER	Bear Lake	1421.0	1089.6	1089.6	958.3
	Woodruff Narrows	26.5	26.5	25.3	21.6
LITTLE BEAR	Hyrum	15.3	10.5	10.6	10.7
	Porcupine	11.3	5.5	3.5	3.6

PEAK FLOWS

FORECAST POINT	PEAK FLOW (SECOND FEET) Forecast Range	PEAK FLOW (SECOND FEET) Average +
Big Creek nr Randolph	56-96	41b
Logan River near Logan	1050-1150	984
Woodruff Creek near Woodruff	225-400	240
Little Bear near Paradise	450-550	473

+ - 1958-72 15 year average period

UNITED STATES DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE
Federal Bldg. - Room 4012
Salt Lake City, Utah 84138

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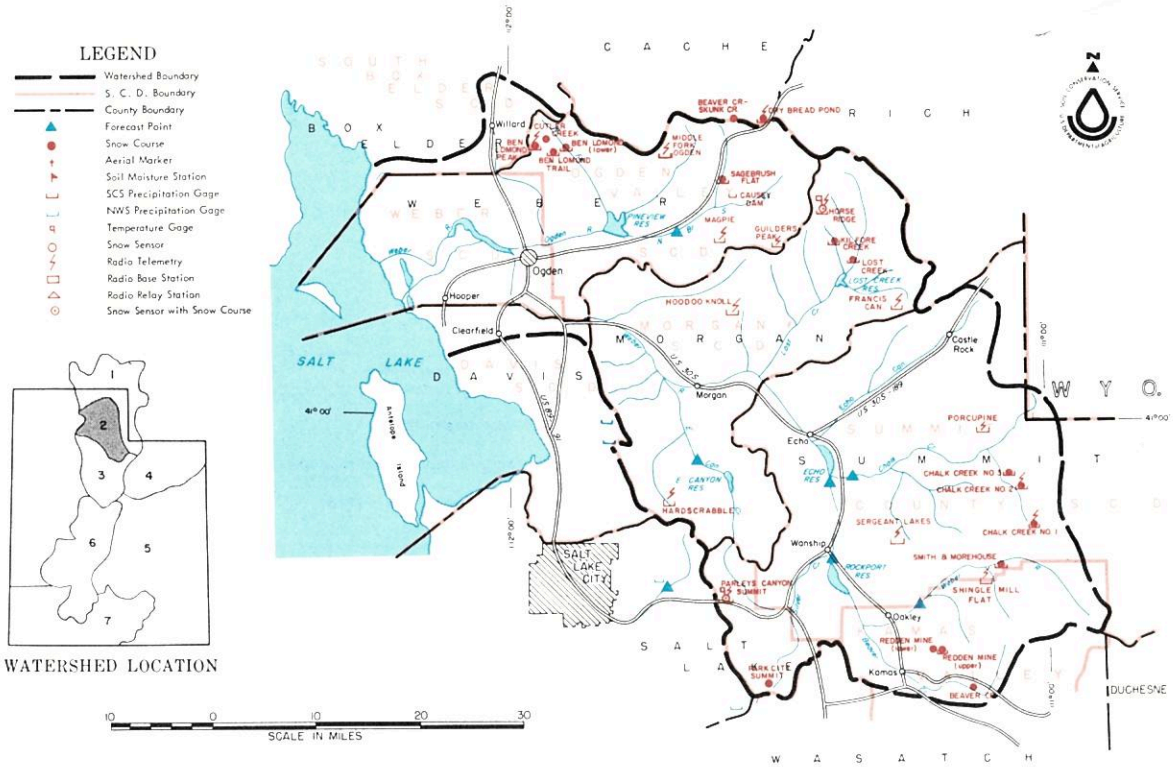
WATER SUPPLY OUTLOOK

WEBER-OGDEN WATERSHEDS in UTAH

UNITED STATES DEPARTMENT OF AGRICULTURE-SOIL CONSERVATION SERVICE
UTAH STATE DEPARTMENT OF NATURAL RESOURCES-DIVISION OF WATER RIGHTS



MARCH 1, 1974

THE WATER SUPPLY OUTLOOK IS VERY GOOD

SNOW COVER is 131% of average and about the same as last year on the Ogden River. The Weber River is 115% of average and 114% of last year. Low elevation snow is heavy in Ogden Basin.

PRECIPITATION at mountain stations during February ranged from near average to 1½ times average on the Ogden and from one-half average to near average on the Weber.

SOIL MOISTURE is near average.

RESERVOIR STORAGE totals 133% of March 1 average and 7% higher than last year at this time. All reservoirs should fill again this year.

STREAMFLOW FORECASTS range from 112% of the April-June average for the Weber at Oakley to 146% for the Lost Creek near Croydon. Peak flows are expected to range from near average to as high as twice average.

Report prepared by
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USDA-SCS PORTLAND, OREG. 1971: M7-0-22027-2-L

WEBER-OGDEN WATERSHEDS in UTAH

STREAMFLOW FORECASTS

BASIN, STREAM and/or FORECAST POINT	THIS YEAR FORECAST Thousand Acre Feet	THIS YEAR FORECAST Percent of Average	FORECAST PERIOD	PAST RECORD THOUSAND ACRE FEET Last Year	PAST RECORD THOUSAND ACRE FEET Average +
WEBER-OGDEN RIVERS					
Chalk Crk at Coalville	44	138	Apr-June	- -	32
East Canyon Crk nr Morgan[1]	28	127	Apr-June	34	22
Hardscrabble Crk nr Portervlle	20	139	Apr-June	- -	14.4b
Lost Crk nr Croydon, Utah	20	146	Apr-June	16.5	13.7
Pineview Reservoir Inflow[2]	150	136	Apr-June	- -	102
South Fork Ogden nr Huntsvlle	70	140	Apr-June	- -	50
Rockport Reservoir Inflow[1]	128	116	Apr-June	105	110
Weber nr Coalville[1]	129	116	Apr-June	- -	111
Weber nr Oakley	112	112	Apr-June	- -	100

1 - Observed flow corrected for change in storage and diversions
2 - Inflow record as computed by U. S. Bureau of Reclamation
b - Average of all past record - less than 15 years

SUMMARY of SNOW MEASUREMENTS

RIVER BASIN and or SUB-WATERSHED	Number of Courses Averaged	THIS YEAR AS A PERCENT OF Last Year	THIS YEAR AS A PERCENT OF Average
OGDEN RIVER	6	101	131
WEBER RIVER	10	114	115

RESERVOIR STORAGE (Thousand Acre Feet) MID-MONTH READING

Basin or Stream	RESERVOIR	Usable Capacity	Usable Storage This Year	Usable Storage Last Year	Usable Storage Average+
OGDEN	Causey	6.9	1.5	2.4	2.2
	Pineview	110.1	37.8	33.7	40.6
WEBER	East Canyon	48.1	40.1	40.0	19.5
	Echo	73.9	53.4	57.2	43.5
	Lost Creek	20.0	14.2	15.2	12.6
	Rockport	60.9	50.5	21.5	27.6
	Willard Bay	193.3	158.1	161.8	121.5

PEAK FLOWS

FORECAST POINT	PEAK FLOW (SECOND FEET) Forecast Range	PEAK FLOW (SECOND FEET) Average +
Lost Creek near Croydon	275-400	206b
South Fork Ogden nr Huntsville	680-1080	697
Chalk Creek near Coalville	450-850	373

+ - 1958-72 15 year average period

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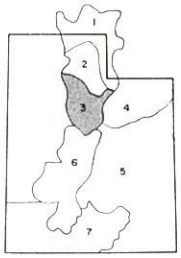
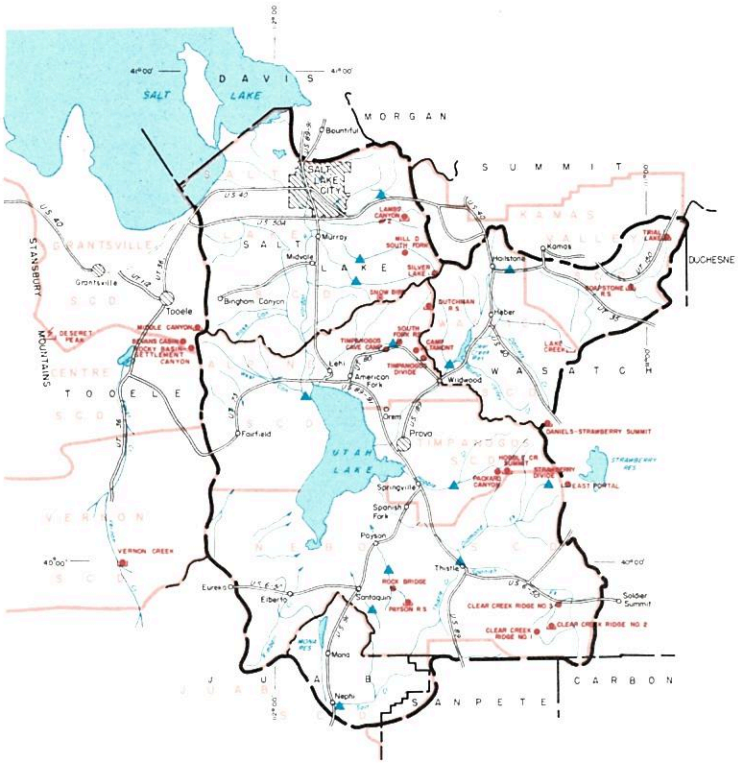
WATER SUPPLY OUTLOOK
UTAH LAKE, JORDAN RIVER and TOOELE VALLEY WATERSHEDS in UTAH

UNITED STATES DEPARTMENT OF AGRICULTURE-SOIL CONSERVATION SERVICE
UTAH STATE DEPARTMENT OF NATURAL RESOURCES-DIVISION OF WATER RIGHTS



WATERSHED LOCATION



MARCH 1, 1974

THE WATER SUPPLY OUTLOOK IS ABOVE AVERAGE

SNOW COVER ranges from 119% of average and 97% of last year on Utah Lake drainages to 153% of average and 91% of last year at Middle Canyon above Tooele.

PRECIPITATION at mountain locations ranged from 41 to 83% of average for February.

SOIL MOISTURE is near average.

RESERVOIR STORAGE is above average.

STREAMFLOW FORECASTS range from 107% of the April-July average on the American Fork River to 143% of average on Vernon Creek. Peak flows are expected to range from near average to twice average during snow melt runoff this spring.

Report prepared by
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USDA-SCS-PORTLAND, OREG. 1977 M7-0-22027-3-L

UTAH LAKE, JORDAN RIVER and TOOELE VALLEY WATERSHEDS in UTAH

STREAMFLOW FORECASTS

BASIN, STREAM and/or FORECAST POINT	THIS YEAR FORECAST Thousand Acre Feet	THIS YEAR FORECAST Percent of Average	FORECAST PERIOD	PAST RECORD THOUSAND ACRE FEET Last Year	PAST RECORD THOUSAND ACRE FEET Average +
PROVO RIVER & UTAH LAKE					
American Fork nr American Frk	31	107	Apr-July	- -	29
Hobble Creek nr Springville	22	138	Apr-July	- -	16
Provo nr Hailstone[1]	124	122	Apr-July	- -	102
Provo below Deer Creek Dam[1]	140	126	Apr-July	- -	111
Spanish Fork at Thistle	44	138	Apr-July	- -	32
Strawberry Reservoir Inflow[1]	60	133	Apr-July	- -	45
Utah Lake Inflow	265	127	Apr-July	370	208
Payson Creek nr Payson	8.0	127	Apr-July	- -	6.3
JORDAN RIVER & SALT LAKE					
Big Cottonwood nr SLC	41	114	Apr-July	- -	36
Farmington Crk nr Farmington	9.1	117	Apr-July	- -	7.8[b]
Little Cottonwood Crk nr SLC	38	109	Apr-July	- -	35
Parley's Creek nr SLC	15.0	128	Apr-July	- -	11.7
TOOELE VALLEY					
Settlement Creek nr Tooele	2.5	114	Apr-July	- -	2.2[b]
Vernon Creek nr Vernon	1.0	143	Apr-July	- -	0.7[b]

1 - Observed flow corrected for change in storage and diversions
b - Average of all past record - less than 15 years

SUMMARY of SNOW MEASUREMENTS

RIVER BASIN and or SUB-WATERSHED	Number of Courses Averaged	THIS YEAR AS A PERCENT OF Last Year	THIS YEAR AS A PERCENT OF Average +
PROVO RIVER & UTAH LAKE	14	97	119
JORDAN RIVER	3	123	126
TOOELE VALLEY	1	91	153

RESERVOIR STORAGE (Thousand Acre Feet) MID-MONTH READING

Basin or Stream	RESERVOIR	Usable Capacity	Usable Storage This Year	Usable Storage Last Year	Usable Storage Average +
SPANISH FORK	Strawberry	270.0	213.2	182.0	116.4
UTAH LAKE	Utah Lake	883.9	880.1	786.5	604.0
PROVO	Deer Creek	149.7	116.7	106.0	95.3
SETTLEMENT CRK	Settlement Creek	1.2	1.0	0.8	- -

PEAK FLOWS

FORECAST POINT	PEAK FLOW (SECOND FEET) Forecast Range	PEAK FLOW (SECOND FEET) Average +
Hobble Creek near Springville	250-450	210
Spanish Fork near Thistle	450-650	365

+ - 1958-72 15 year average period

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WATER SUPPLY OUTLOOK

UINTAH BASIN and DAGGETT SCD's in UTAH

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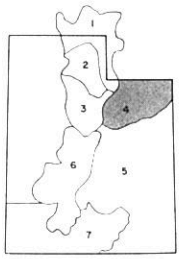
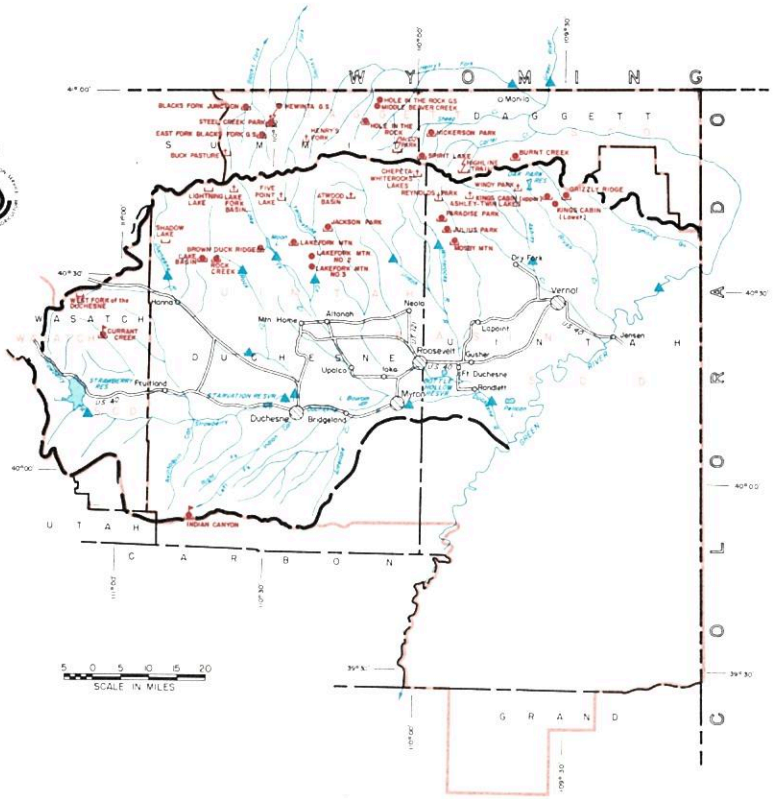
UTAH STATE DEPARTMENT OF NATURAL RESOURCES - DIVISION OF WATER RIGHTS



WATERSHED LOCATION



MARCH 1, 1974

THE WATER SUPPLY OUTLOOK IS NEAR AVERAGE

SNOW COVER ranges from 62% of average on the Uintah-Whiterocks and Ashley-Brush Creeks to 117% on Strawberry River.

PRECIPITATION at mountain locations during February was well below average and ranged from 0 to 41% of average.

SOIL MOISTURE is below average in Uintah Basin and near average on the Upper Strawberry and Duchesne Rivers.

RESERVOIR STORAGE is above average.

STREAMFLOW FORECASTS now range from 80% of the April-July average on the Uintah River and Ashley Creeks to 121% on the Strawberry at Duchesne. Peak Flows are expected to range from below average to near average this snow melt season.

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USDA-SCS-PORTLAND OREG. 1971 M7-0-22027-4-L

UINTAH BASIN and DAGGETT SCD's in UTAH

STREAMFLOW FORECASTS

BASIN, STREAM and/or FORECAST POINT	THIS YEAR FORECAST Thousand Acre Feet	THIS YEAR FORECAST Percent of Average	FORECAST PERIOD	PAST RECORD THOUSAND ACRE FEET Last Year	PAST RECORD THOUSAND ACRE FEET Average +
DUCHESNE RIVER					
Duchesne nr Tabiona[1]	103	99	Apr-July	- -	104
Duchesne at Duchesne[1]	179	97	Apr-July	- -	185
Duchesne at Myton[1]	220	107	Apr-July	- -	205
Duchesne at Randlett[1]	250	114	Apr-July	- -	220
Lakefork below Moon Lake[1]	64	93	Apr-July	- -	69
Rock Crk nr Mtn. Home	94	100	Apr-July	- -	94
Strawberry at Duchesne	68	121	Apr-July	- -	56
Uinta nr Neola	70	80	Apr-July	- -	88
Whiterocks nr Whiterock	47	81	Apr-July	- -	58
Yellowstone nr Altonah	54	83	Apr-July	- -	65
FLAMING GORGE TO DUCHESNE RIVER					
Ashley Creek nr Vernal	40	80	Apr-July	- -	50
Henry's Fork at Linwood	40	89	Apr-Sept	- -	45
Flaming Gorge Inflow[1]	1285	109	Apr-July	- -	1174

1 - Observed flow corrected for change in storage and diversions
b - Average for all past record - less than 15 years

SUMMARY of SNOW MEASUREMENTS

RIVER BASIN and/or SUB-WATERSHED	Number of Courses Averaged	THIS YEAR AS A PERCENT OF Last Year	THIS YEAR AS A PERCENT OF Average
DUCHESNE RIVER	9	88	91
STRAWBERRY RIVER	3	109	117
LAKEFORK-YELLOWSTONE CREEKS	3	86	78
UINTA - WHITEROCKS RIVERS	2	59	62
ASHLEY - BRUSH CREEKS	2	48	62

RESERVOIR STORAGE (Thousand Acre Feet) MID-MONTH READING

Basin or Stream	RESERVOIR	Usable Capacity	Usable Storage This Year	Usable Storage Last Year	Usable Storage Average+
ASHLEY CREEK	Steinaker	33.3	26.9	27.3	20.8
GREEN RIVER	Flaming Gorge	3749.0	2968.0	2875.0	1588.0
LAKE FORK	Moon Lake	35.8	24.3	17.9	17.8
STRAWBERRY	Starvation	165.3	125.2	129.3	- -
UINTAH	Bottle Hollow	11.3	10.8a	10.5	- -

PEAK FLOWS

FORECAST POINT	PEAK FLOW (SECOND FEET) Forecast Range	PEAK FLOW (SECOND FEET) Average +
Ashley Creek near Vernal	650-1000	906
Strawberry at Duchesne	535-980	628

+ - 1958-72 15 year average period
a - Partly Estimated

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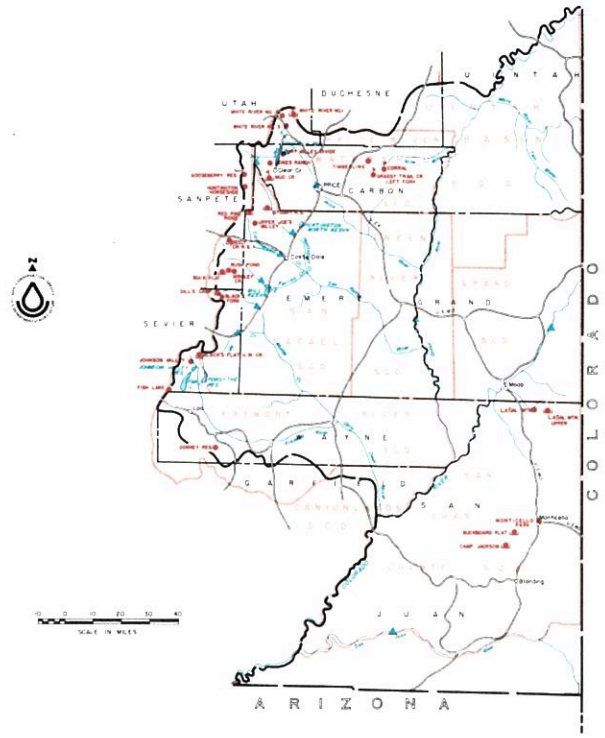
WATER SUPPLY OUTLOOK
CARBON, EMERY, WAYNE, GRAND and SAN JUAN COUNTIES in UTAH

UNITED STATES DEPARTMENT OF AGRICULTURE - SOIL CONSERVATION SERVICE
UTAH STATE DEPARTMENT OF NATURAL RESOURCES - DIVISION OF WATER RIGHTS



MARCH 1, 1974

THE WATER SUPPLY OUTLOOK IS VERY GOOD

SNOW COVER ranges from 109% of average and 68% of last year on Blue Mountains-San Juan River to 156% of average and 107% of last March 1 on the LaSals above Moab.

PRECIPITATION at mountain stations during February was well below average and ranged from 16 to 61% of the 15 year (1958-72) average for February.

SOIL MOISTURE is near to above average at mountain locations but beginning to dry out in the valleys.

RESERVOIR STORAGE is about 131% of average and about 34% above last March 1.

STREAMFLOW FORECASTS range from 98% of the April-July average on the San Juan at Bluff to 163% of average for Mill Creek near Moab. Peak flows are expected to range from near average to 1½ times average.

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CARBON, EMERY, WAYNE, GRAND and SAN JUAN COUNTIES in UTAH

STREAMFLOW FORECASTS

BASIN, STREAM and/or FORECAST POINT	THIS YEAR FORECAST Thousand Acre Feet	THIS YEAR FORECAST Percent of Average	FORECAST PERIOD	PAST RECORD THOUSAND ACRE FEET Last Year	PAST RECORD THOUSAND ACRE FEET Average +
PRICE RIVER					
Gooseberry Crk nr Scofield	14.9	149	Apr-July	- -	10.0
Price nr Heiner[1]	96	150	Apr-July	- -	64b
Scofield Reservoir Inflow	51	150	Apr-July	46	34
SAN RAFAEL RIVER					
Cottonwood Crk nr Orangeville	63	137	Apr-July	60	46b
Ferron Crk nr Ferron	45	129	Apr-July	- -	35
Huntington Crk nr Huntington	63	140	Apr-July	- -	45
MUDDY RIVER					
Muddy Creek nr Emery	22	129	Apr-July	- -	17.0
UPPER COLORADO BASIN					
Colorado nr Cisco, Utah	3367	119	Apr-July	- -	2835
Green at Green River, Utah	3058	108	Apr-July	- -	2839
Navajo Reservoir Inflow	600	100	Apr-July	- -	597
San Juan nr Bluff, Utah	838	98	Apr-July	- -	853
Mill Creek nr Moab	8.0	163	Apr-July	- -	4.9
FREMONT RIVER					
Seven Mile Crk nr Fish Lake	8.5	133	Apr-July	- -	6.4b

1 - Observed flow corrected for change in storage and diversions

SUMMARY of SNOW MEASUREMENTS

RIVER BASIN and/or SUB-WATERSHED	Number of Courses Averaged	THIS YEAR AS A PERCENT OF Last Year	THIS YEAR AS A PERCENT OF Average
PRICE RIVER	6	114	131
SAN RAFAEL	6	109	120
MILL CREEK	2	107	156
SAN JUAN RIVER	2	68	109

RESERVOIR STORAGE (Thousand Acre Feet) MID-MONTH READING

Basin or Stream	RESERVOIR	Usable Capacity	Usable Storage This Year	Usable Storage Last Year	Usable Storage Average+
PRICE RIVER	Scofield	65.8	44.0	23.2	30.0
SAN RAFAEL	Huntington North	3.9	2.8	3.2	2.2
	Joe's Valley	54.6	38.7	36.1	31.6
	Mill Site	16.7	5.4	4.1	- -
SAN JUAN	Navajo	1696.0	987.0	888.2	- -

PEAK FLOWS

FORECAST POINT	PEAK FLOW (SECOND FEET) Forecast Range	PEAK FLOW (SECOND FEET) Average +
Ferron Creek near Ferron	350-630	419
Muddy Creek near Emery	150-250	157

+ - 1958-72 15 year average period

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WATER SUPPLY OUTLOOK

SEVIER RIVER BASIN including BEAVER RIVER in UTAH

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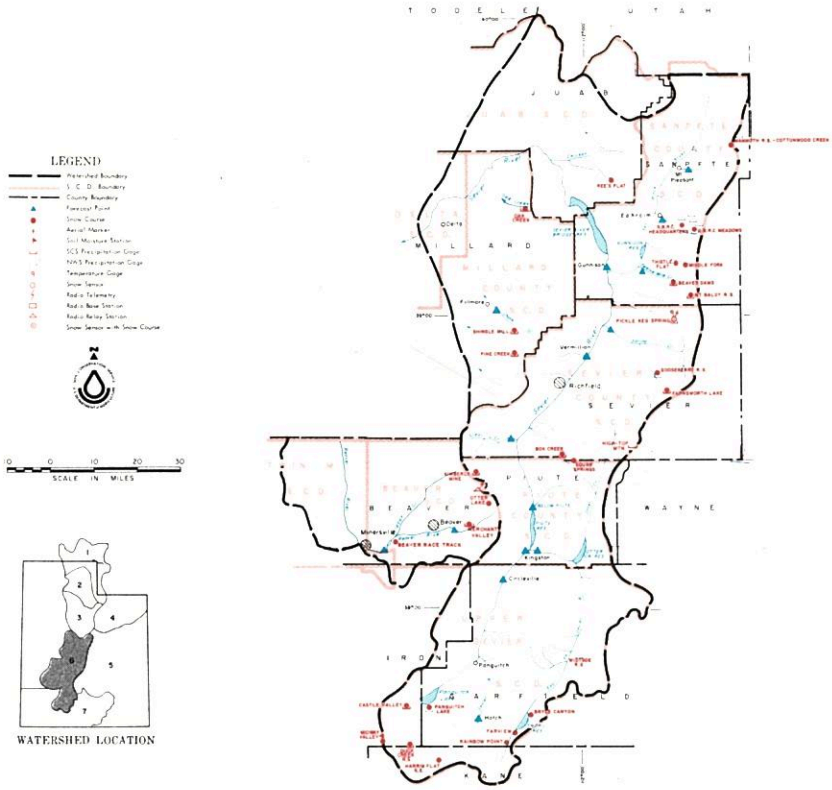

MARCH 1, 1974

THE WATER SUPPLY OUTLOOK IS NEAR AVERAGE TO ABOVE AVERAGE

SNOW COVER ranges from 95% of average and 65% of last year on the South Fork of the Sevier to 166% of average and 88% of last year on Chalk Creek.

PRECIPITATION at mountain stations during February ranged from 6% of average at the head of the South Fork Sevier to 104% on Salina Creek.

SOIL MOISTURE is near average but beginning to dry out at lower elevations.

RESERVOIR STORAGE is well above average. Sevier Basin Reservoirs are now 187% of average, 162% of last March 1, and 91% of usable capacity. All are expected to fill this year. Minersville Reservoir is well above average.

STREAMFLOW FORECASTS range from 86% of the April-July average for the Sevier at Kingston to 173% of average for Salina Creek. Winter flow (Oct.-March) into Sevier Bridge Reservoir is expected to total 115 to 125,000 acre-feet, and a total of about 5,000 ac-ft is expected above the 360 cfs flow below Vermillion Dam. Snow melt peak flows are expected to be near average except on Salina Creek and the San Pitch where they are expected to be as high as 1½ times average.

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USDA-SCS-PORTLAND OREG. 1971 M7-0-22027-6-L

SEVIER RIVER BASIN including BEAVER RIVER in UTAH

STREAMFLOW FORECASTS

BASIN, STREAM and/or FORECAST POINT	THIS YEAR FORECAST Thousand Acre Feet	THIS YEAR FORECAST Percent of Average*	FORECAST PERIOD	PAST RECORD THOUSAND ACRE FEET Last Year	PAST RECORD THOUSAND ACRE FEET Average †
SEVIER RIVER					
Chalk Creek nr Fillmore	20	130	Apr-July	- -	15.5b
Clear Crk nr Sevier (abv Div)	18.0	120	Apr-July	- -	15.0
East Fork Sevier nr Kingston[1]	18.0	125	Apr-July	56	14.4
Antimony Crk nr Antimony	8.4	115	Apr-July	- -	7.3
Inflow					
Kingston to Vermillion Dam	48	96	Apr-June	- -	50
Vermillion Dam to Gunnison	63	162	Mar-June	- -	39
Salina Crk at Salina	14.0	173	Apr-June	- -	8.1b
Sevier nr Circleville	28	100	Apr-July	- -	28
Sevier nr Gunnison	66	169	Apr-July	154	39
Sevier at Hatch	40	98	Apr-July	78	41
Sevier nr Kingston	18.0	86	Apr-July	- -	21
Sevier below Piute Dam[1]	33	100	Apr-July	- -	33
SAN PITCH RIVER					
Ephraim Crk nr Ephraim	21	151	Apr-July	- -	13.9b
Pleasant Crk nr Mt. Pleasant	11.2	144	Apr-July	- -	7.8
BEAVER RIVER					
Beaver nr Beaver	24	120	Apr-July	38	20
Minersville Reservoir Inflow[1]	7.0	121	Apr-June	- -	5.8

SUMMARY of SNOW MEASUREMENTS

RIVER BASIN and/or SUB-WATERSHED	Number of Courses (Averages)	THIS YEAR AS A PERCENT OF Last Year	THIS YEAR AS A PERCENT OF Average
UPPER SEVIER	12	69	102
EAST FORK SEVIER	6	74	113
SOUTH FORK SEVIER	6	65	95
LOWER SEVIER	10	110	150
CHALK CREEK	2	89	166
BEAVER RIVER	3	91	128

RESERVOIR STORAGE (Thousand Acre Feet) MID-MONTH READING

Basin or Stream	RESERVOIR	Usable Capacity	Usable Storage This Year	Usable Storage Last Year	Usable Storage Average†
SEVIER RIVER	Gunnison	18.2	18.2	10.1	12.2
	Otter Creek	52.5	49.0	28.2	29.4
	Piute	71.8	53.6	46.5	43.0
	Sevier Bridge	236.0	224.4	128.8	100.0
BEAVER RIVER	Minersville (Rky Fd)	23.3	21.1	10.5	13.0

PEAK FLOWS

FORECAST POINT	PEAK FLOW (SECOND FEET) Forecast Range	PEAK FLOW (SECOND FEET) Average †
Beaver near Beaver	130-350	212
Clear Creek near Sevier	190-230	170
Salina Creek near Salina	280-330	235
Sevier River at Hatch	190-430	418
Sevier River at Circleville	200-375	304
Sevier River at Kingston	150-300	263

FORECAST DATE of LOW FLOW VALUES

FORECAST POINT	Low Flow Value Second Ft.	Forecast Date Stream Will Recede to Low Flow Value	Average Date of Low Flow Value
Clear Crk nr Sevier-above Div.	5	July 30	July 28
Salina Crk at Salina	25	June 14	June 10
Sevier at Circleville	90	June 10	June 24
Sevier at Hatch (upper)	100	June 25	July 10

PRIMARY WATER RIGHT FORECASTS (PERCENT OF WATER RIGHT DELIVERED)

RIVER SECTION	Percent Forecast For This Year	Average Percent Delivered During 15 year Period†	Forecast Period
SEVIER RIVER			
Below Vermillion Dam	65	55	April-Sept.
Circle Valley	75	65	April-Sept.
Panguitch Valley	80	82	April-Sept.
Sevier Valley	50	38	April-Sept.

Inflow to Sevier Bridge Reservoir October 1 to March 31 is expected to be about 115-125,000 acre-feet.

Below Vermillion - Flow above 360 second feet should total about 5000 acre-feet.

1 - Observed flow corrected for change in storage and diversions
b - Average of all past record - less than 15 years

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WATER SUPPLY OUTLOOK

EAST GARFIELD, KANE, WASHINGTON and IRON COUNTIES in UTAH

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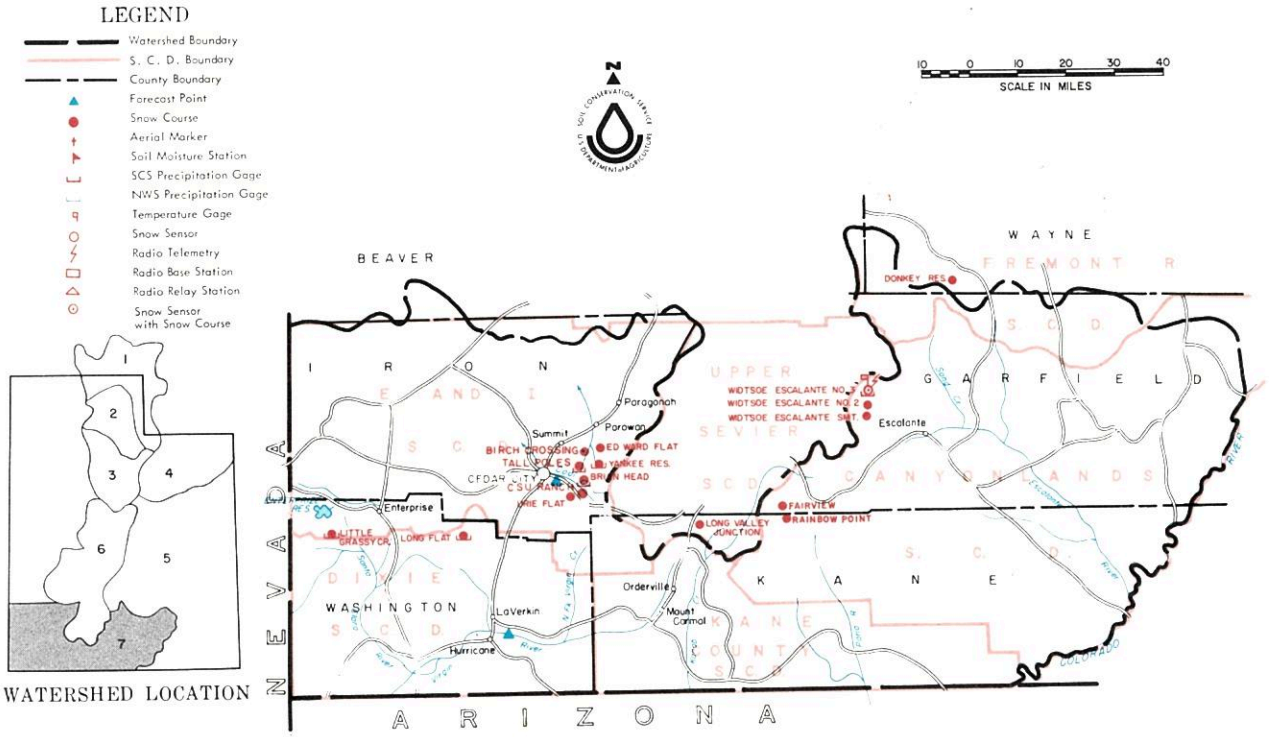
UTAH STATE DEPARTMENT OF NATURAL RESOURCES - DIVISION OF WATER RIGHTS



MARCH 1, 1974

THE WATER SUPPLY OUTLOOK IS NEAR AVERAGE

SNOW COVER ranges from 94% of average and 64% of last year on Coal Creek to 142% of average and 87% of last year on Parawan Creek.

PRECIPITATION at mountain stations ranged from only 6 to 60% of the February average.

SOIL MOISTURE is near average at mountain locations but drying out at lower elevations.

RESERVOIR STORAGE is 17,597,000 acre-feet in Lake Powell. Last March 1, it held 12,217,000 acre-feet.

STREAMFLOW FORECASTS range from 83% of the April-June average on the Virgin near Virgin to 117% on Santa Clara near Pine Valley. Peak flows are expected to be near average.

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EAST GARFIELD, KANE, WASHINGTON and IRON COUNTIES in UTAH

STREAMFLOW FORECASTS

BASIN, STREAM and/or FORECAST POINT	THIS YEAR FORECAST Thousand Acre Feet	THIS YEAR FORECAST Percent of Average	FORECAST PERIOD	PAST RECORD THOUSAND ACRE FEET Last Year	PAST RECORD THOUSAND ACRE FEET Average +
VIRGIN RIVER					
Virgin nr Virgin	40	83	Apr-June	- -	48b
Santa Clara nr Pine Valley	4.2	117	Apr-June	- -	3.6b
COAL CREEK					
Coal Crk nr Cedar City	15.8	98	Apr-July	95	16.1
UPPER COLORADO					
Lake Powell Inflow	7572	110	Apr-July	- -	6881

b - Average of all past record - less than 15 years

SUMMARY of SNOW MEASUREMENTS

RIVER BASIN and or SUB-WATERSHED	Number of Courses Averaged	THIS YEAR AS A PERCENT OF Last Year	THIS YEAR AS A PERCENT OF Average
COAL CREEK	2	58	114
VIRGIN RIVER	2	64	94
PAROWAN CREEK	2	87	142

RESERVOIR STORAGE (Thousand Acre Feet) MID-MONTH READING

Basin or Stream	RESERVOIR	Usable Capacity	Usable Storage This Year	Usable Storage Last Year	Usable Storage Average+
COLORADO	Lake Powell	25002.0	17597.0	12217.0	8401b
	Blue Mesa	829.5	347.3	- -	- -

PEAK FLOWS

FORECAST POINT	PEAK FLOW (SECOND FEET) Forecast Range	PEAK FLOW (SECOND FEET) Average +
Coal Creek	150-350	245
Virgin River	450-750	631b

+ - 1958-72 15 year average period

UNITED STATES DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE
Federal Bldg. - Room 4012
Salt Lake City, Utah 84138

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COOPERATIVE SNOW SURVEYS
Furnishes the basic data necessary for forecasting water supply for irrigation, domestic and municipal water supply, hydro-electric power generation, navigation, mining and industry
"WATER IS THE WEST'S GREATEST RESOURCE"

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"The Conservation of Water begins with the Snow Survey"

SNOW	THIS YEAR			PAST RECORD		PRECIPITATION (Inches)					
DRAINAGE BASIN and/or SNOW COURSE				Water Content (inches)		CURRENT INFORMATION			FROM APPROX. OCT 1 TO DATE		
NAME	Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Last Year	Average +	Date of Reading	Month's Precipitation	Average +	This Year	Average +	Percent of Average
GREAT BASIN											
UPPER BEAR RIVER (Above Harer, Idaho)											
Big Park	2/28	56	18.9	11.9	18.2						
CCC Camp	2/26	38	11.2	8.3	11.1						
Gold Hill*						2/26	3.11	- -	20.92	- -	- -
Kelly Ranger Station*	2/28	53	17.3	11.7	16.2a	2/26	2.35	- -	- -	- -	- -
LaBarge Guard Station	2/24	84	29.6	19.2	- -						
Lily Lake*						2/26	1.91	- -	- -	- -	- -
Monte Cristo Ranger Station	3/3	78	26.4	19.5	21.9	3/3	6.26	4.62b	27.48	22.89b	120
Piney-LaBarge #2	2/24	61	20.2	14.8	20.9a						
Poison Meadows	2/24	83	25.2	18.1	26.2						
Salt River Summit	2/26	48	15.1	10.3	14.6	2/26	2.30	3.36	14.40	14.17	101
LOWER BEAR RIVER (Below Harer, Idaho)											
Bug Lake*						2/26	4.09	- -	- -	- -	- -
Christensen Ranch	2/26	42	12.4	8.4	7.7						
Cinnamon Creek*						3/4	Data Not Available				
Clarkston Mountain*						2/26	3.85	- -	17.56	- -	- -
Cub River Ranger Station	2/28	45	14.3	7.3	8.0						
Curtis Creek*						3/4	Data Not Available				
Dry Basin	2/28	86	30.8	- -	- -	2/26	4.41	- -	28.86	- -	- -
Dry Creek Flat	2/27	33	10.9	11.4	6.6						
Deer Springs						3/4	Data Not Available				
Emigrant Summit	2/26	77	26.8	17.8	21.4a						
Emigration Canyon	2/26	36	10.4	8.6	9.7a						
Franklin Basin*	2/28	76	27.4	- -	- -	3/4	Data Not Available				
Garden City Summit	2/28	56	18.6	10.8	15.6	2/28	3.27	4.00b	17.15	16.68	103
George Peak*						2/26	3.11	- -	15.76	- -	- -
Hardware Ranch*						2/26	1.45	- -	- -	- -	- -
Hells Canyon*						2/26	4.32	- -	26.31	- -	- -
Herd Hollow*						2/26	3.13	- -	16.95	- -	- -
Horseshoe Basin	2/28	71	25.0	- -	- -						
Hyrum Dam						2/26	2.10	- -	- -	- -	- -
Klondike Narrows*	2/28	58	19.8	12.6	18.0	2/26	5.48	5.25b	- -	19.03b	- -
Liberty Spring	2/28	110	42.0	25.6	- -						
Little Bear (lower)	3/1	44	13.6	13.0	8.7						
Little Bear (upper)*	3/1	47	15.2	13.9	10.5	2/26	3.82	- -	- -	- -	- -
Oxford Mountain	2/27	34	10.0	9.6	8.9						
Slug Creek Divide	2/28	42	13.8	13.4	- -						
Steep Hollow #1	2/28	97	35.1	21.4	31.6b						
Steep Hollow #2	2/28	76	26.8	15.9	23.7b						
Strawberry Creek	2/26	44	14.1	10.9	9.6						
Strawberry Mink Divide	2/26	71	24.4	18.0	18.5						
Tony Grove Lake*						2/26	5.95	- -	- -	- -	- -
Tony Grove Ranger Station*	2/28	41	13.2	7.5	10.4	2/26	1.47	2.52a	15.52	15.61a	99
Trigara Springs						2/26	3.60	- -	- -	- -	- -
Willow Flat	2/28	60	19.7	11.6	13.2						
OGDEN RIVER											
Beaver Crk-Skunk Crk	2/23	44	13.3	12.2	10.7						
Ben Lomond (lower)	2/24	63	19.2	18.9	13.0	2/24	4.39	4.44b	16.74	21.25	79
Ben Lomond Peak*						2/28	Data Not Available				
Ben Lomond Trail	2/24	67	20.9	21.9	14.6b						
Causy Dam						2/23	2.58	2.96a	14.99	12.03a	125
Cutler Creek	2/24	83	28.0	31.1	23.4b						
Dry Bread Pond	3/3	57	17.8	15.3	15.3	3/3	4.79	3.91b	17.45	17.21b	101
Guilders Peak*						2/26	2.92	- -	- -	- -	- -
Magpie*						2/26	6.02	- -	- -	- -	- -
Middle Fork Ogden*						2/26	4.16	- -	- -	- -	- -
Sagebrush Flat	2/23	34	7.8	6.2	4.4	2/23	2.75	2.71	13.16	12.04	109
WEBER RIVER											
Beaver Creek Ranger Station	2/26	32	9.1	7.9	7.7						
Chalk Creek #1	2/22	71	21.1	17.8	18.3						
Chalk Creek #2	2/22	49	13.7	11.7	11.7						
Chalk Creek #3	2/22	33	8.4	7.0	6.5	2/22	1.85	1.96a	12.69	9.53a	133
Farmington Canyon (upper)	2/28	79	27.6	26.8a	24.1						
Farmington Canyon (lower)	2/28	64	21.4	19.3a	18.2	2/28	- -	- -	24.64	- -	- -

+ 1958-1972 period.

USDA SCS PORTLAND OREGON 1974 M7-0-22027Y

SNOW	THIS YEAR			PAST RECORD		PRECIPITATION (Inches)					
				Water Content (inches)		CURRENT INFORMATION			FROM APPROX. OCT 1 TO DATE		
DRAINAGE BASIN and/or SNOW COURSE NAME	Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Last Year	Average +	Date of Reading	Month's Precipitation	Average +	This Year	Average +	Percent of Average
WEBER RIVER (continued)											
Farmington Guard Station						2/28	- -	- -	25.41	- -	- -
Francis Canyon*						2/26	1.95	- -	- -	- -	- -
Hardscrabble*						2/26	4.54	- -	24.68	- -	- -
HooDoo Knoll*						3/4	Data Not Available				
Horse Ridge	2/26	73	25.2	15.4	- -						
Lost Creek Reservoir	2/26	35	9.9	- -	- -	2/26	- -	- -	9.96	- -	- -
Park City Summit	2/27	83	31.3	23.1	- -						
Parley's Canyon Summit	2/27	60	19.8	14.9	15.5	2/27	3.37	4.08	21.13	18.16	116
Porcupine*						2/26	2.47	- -	- -	- -	- -
Redden Mine (lower)	2/25	50	15.5	14.6	15.0						
Redden Mine (upper)	2/25	55	17.8	16.4	16.8	2/25	- -	- -	20.28	16.26a	125
Sargeant Lakes*						3/4	Data Not Available				
Shingle Mill Flat*						2/26	3.55	- -	- -	- -	- -
Smith & Morehouse	2/25	42	12.7	10.1	10.9	2/25	2.58	3.32	16.63	14.94	111
PROVO RIVER & UTAH LAKE											
Camp Altamont	2/27	37	11.5	16.6	12.5						
Clear Creek Ridge #1	2/25	56	18.9	17.6	14.9						
Clear Creek Ridge #2	2/25	49	15.4	13.4	11.1						
Clear Creek Ridge #3	2/25	34	9.6	9.1	6.9						
Dutchman Ranger Station	2/27	48	17.2	17.5	15.1	2/27	2.34	- -	13.28	17.82	74
Hobble Creek Summit	2/26	44	15.9	12.9	11.6	2/26	2.90	- -	16.25	13.88	117
Packard Canyon	2/26	40	12.9	11.2	8.6						
Payson Ranger Station	2/22	51	18.3	21.6	14.6	2/22	1.90	3.64	17.40	14.63	119
Rock Bridge	2/22	45	13.9	16.2	10.0						
Soapstone Ranger Station	2/26	44	13.1	9.2	11.2	2/26	2.30	3.03	15.53	13.22	117
South Fork Ranger Station	2/27	28	8.5	11.7	4.9						
Timpanogos Cave Camp	2/27	12	3.3	3.7	2.2						
Timpanogos Divide	2/27	49	16.8	23.2	20.2	2/27	1.80	4.37	15.15	21.09	72
Trial Lake	2/26	70	22.2	19.6	21.8	2/26	3.05	4.34	21.16	19.26	110
JORDAN RIVER & SALT LAKE											
Lamb's Canyon	2/27	55	17.6	13.4	13.0						
Lamb's Canyon #2	2/27	54	17.3	13.0	- -	2/27	2.57	- -	15.32	- -	- -
Middle Canyon - Tooele	2/28	47	17.3	19.0	11.3						
Mill Creek	3/1	62	21.4	- -	- -						
Mill D South Fork	2/28	62	21.8	17.1	16.8						
Rocky Basin-Settlement Cyn.	2/28	67	23.0	37.8	- -	2/28	- -	- -	18.34	- -	- -
Silver Lake (Brighton)	2/28	63	22.6	19.8	19.6						
Vernon Creek	2/24	34	9.4	15.6	- -	2/24	1.25	- -	9.44	- -	- -
UPPER SEVIER RIVER (South of Richfield, Utah)											
Box Creek	2/26	46	14.2	12.6	10.1	2/26	- -	- -	13.53	11.05	122
Bryce Canyon	2/26	18	3.9	8.6	3.6						
Castle Valley	2/28	34	9.4	14.7	11.2	2/28	- -	- -	8.89	11.86	75
Duck Creek Ranger Station	2/27	31	9.3	16.0	11.3	2/27	.20	3.18b	8.45	14.23	59
Farview	2/26	24	6.5	11.8	- -						
Harris Flat	2/27	20	6.1	12.7	6.9						
Kimberly Mine	2/22	58	16.0	16.2	11.5	2/22	2.97	- -	15.81	- -	- -
Midway Valley	2/27	43	14.6	24.6	17.5	2/27	.95	- -	11.60	- -	- -
Panguitch Lake	2/28	13	3.5	6.3	3.6						
Rainbow Point	2/26	21	5.1	- -	- -						
Squaw Springs	2/26	31	8.8	8.5	6.1						
Widtsoe Escalante #2	2/26	26	6.1	10.9	7.3						
Widtsoe Escalante #3	2/26	32	7.7	13.5	8.9b	2/26	1.22	2.53	8.59	10.37	83
Widtsoe Escalante Summit	2/26	24	6.3	9.8	5.7						
Widtsoe Ranger Station						2/26	.40	- -	3.01	- -	- -
LOWER SEVIER (Including San Pitch)											
Beaver Dams	2/26	45	14.7	11.6	9.5	2/26	- -	- -	16.10	10.52	153
Farnsworth Lake	2/25	68	22.0	19.6	14.2	2/25	4.10	3.93	19.55	14.76	132
G.B.R.C. Headquarters	2/28	53	17.8	17.3	13.1	2/28	2.80	- -	18.55	- -	- -
G.B.R.C. Majors						2/28	1.40	- -	9.70	- -	- -
G.B.R.C. Meadows	2/28	72	26.0	22.1	19.5	2/28	3.60	- -	21.73	- -	- -
G.B.R.C. Oaks						2/28	1.65	- -	11.95	- -	- -
Gooseberry Ranger Station	2/25	54	17.2	13.4	9.4	2/25	3.10	- -	13.60	- -	- -
Mammoth R. S.-Ctnwood Crk	2/27	56	21.1	18.9	16.4b	2/27	2.30	3.76b	16.30	15.35b	106

+ 1958-1972 period.

USDA-SCS-PORTLAND, OREGON 1974 M7-0-22027Y

SNOW	THIS YEAR			PAST RECORD		PRECIPITATION (Inches)					
DRAINAGE BASIN and/or SNOW COURSE				Water Content (inches)		CURRENT INFORMATION			FROM APPROX. OCT 1 TO DATE		
NAME	Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Last Year	Average +	Date of Reading	Month's Precipitation	Average +	This Year	Average +	Percent of Average
LOWER SEVIER (continued) (Including San Pitch)											
Mt. Baldy Ranger Station	2/26	78	27.4	21.2	17.8	2/26	- -	- -	19.15	13.86b	138
Pine Creek	2/27	58	21.1	22.3	12.6	2/27	- -	- -	25.46	17.64	144
Ree's Flat	2/22	50	14.3	13.6	9.6						
Shingle Mill	2/27	38	11.6	14.5	7.1b	2/27	2.01	2.59b	15.92	10.73b	148
BEAVER RIVER											
Beaver Canyon Power House						2/28	.71	1.92	8.89	7.08	126
Beaver Race Track	2/25	0	0.0	2.5	- -						
Big Flat	2/25	51	14.8	17.8	13.2	2/25	1.07	3.43	12.99	12.90	101
Merchant Valley	2/25	42	11.5	10.5	6.9	2/25	1.18	2.83a	11.91	10.82a	110
Otter Lake	2/25	47	13.4	15.5	10.9						
PAROWAN CREEK											
Birch Crossing	2/26	27	7.8	8.7	- -						
Brian Head	2/26	53	17.6	19.1	- -						
Ed Ward Flat	2/26	34	9.3	10.1	6.0						
Tall Poles	2/26	42	13.2	14.8	- -	2/26	1.50	2.49a	12.00	14.71a	82
Yankee Reservoir	2/26	36	9.9	11.9	7.5	2/26	- -	- -	11.22	9.13b	123
COAL CREEK											
SUSC Ranch	2/27	24	7.6	11.3	- -						
ENTERPRISE TO NEW HARMONY DRAINAGES											
Little Grassy Creek	2/28	16	5.9	12.7	3.1b	2/28	- -	- -	8.30	11.25b	74
Long Flat	2/28	27	8.0	12.9	4.9	2/28	- -	- -	11.05	8.61b	128
COLORADO RIVER BASIN											
UPPER GREEN RIVER - UTAH											
Black's Fork Junction	2/21	42	10.0	7.0	7.6b	2/21	- -	- -	11.70	9.25b	126
Black's Frk G. S.-East Frk	2/21	36	8.8	6.7	7.7b	2/21	- -	- -	11.62	9.43b	123
Burnt Creek	2/21	23	5.1	6.0	- -	2/21	1.40	1.06b	8.25	7.53b	110
Grizzly Ridge	2/22	27	6.0	10.8	- -	2/22	.80	1.93b	8.20	11.24b	73
Hewinta G. S.	2/21	38	9.9	7.3	7.4b	2/21	- -	- -	12.96	9.95b	130
Hickerson Park	2/21	24	6.8	8.2	5.1b	2/21	- -	- -	9.25	6.65a	139
Highline Trail*						2/26	1.73	- -	- -	- -	- -
King's Cabin (lower)	2/22	19	3.8	9.3	7.2						
King's Cabin (upper)	2/22	27	5.9	10.7	8.4	2/22	2.50	- -	6.05	9.10	66
Spirit Lake	2/21	38	9.6	12.6	10.0b	2/21	- -	- -	10.85	11.51b	94
Steel Creek Park	2/21	59	15.9	11.4	12.7	3/4	Data Not Available				
DUCHESNE RIVER											
Daniels-Strawberry Summit	2/27	44	13.8	13.8	12.2	2/27	2.30	3.39	15.90	14.60	109
East Portal	2/28	39	12.2	9.3	9.6	2/28	2.35	3.20b	15.51	15.68b	99
Indian Canyon	2/27	30	7.5	11.2	10.2	2/27	.35	2.18b	7.61	11.25b	68
Julius Park	3/4	Course Discontinued				2/25	.80	2.12b	7.30	10.96b	67
Lakefork Mountain	2/26	32	8.5	8.6	9.4	2/26	0.00	2.13	9.59	10.22	94
Lakefork Mountain #2	2/26	21	4.4	6.0	6.8						
Lakefork Mountain #3	2/26	20	4.2	5.4	5.6						
Mosby Mountain	2/25	23	4.8	7.7	8.3	2/25	.72	1.98a	6.95	9.16a	76
Paradise Park	2/25	26	6.6	11.7	10.1	2/25	.85	2.23b	7.55	12.95b	58
Strawberry Divide	2/28	54	18.5	17.8	16.2						
PRICE RIVER											
Dry Valley Divide	2/28	36	11.0	10.5	9.4						
Gooseberry Reservoir	2/27	53	20.6	19.6	15.3	2/27	2.30	3.94	17.98	15.00	120
Jones Ranch	2/28	30	8.3	7.4	6.0						
Mud Creek #2	2/28	42	11.9	12.4	11.0	2/28	1.54	2.74b	11.70	11.60	101
White River #1	2/27	45	13.4	11.5	11.2	2/27	- -	2.41	13.46	14.28	94
White River #2	2/27	36	10.5	7.6	7.9						
White River #3	2/27	34	10.8	8.6	7.2						

+ 1958-1972 period.

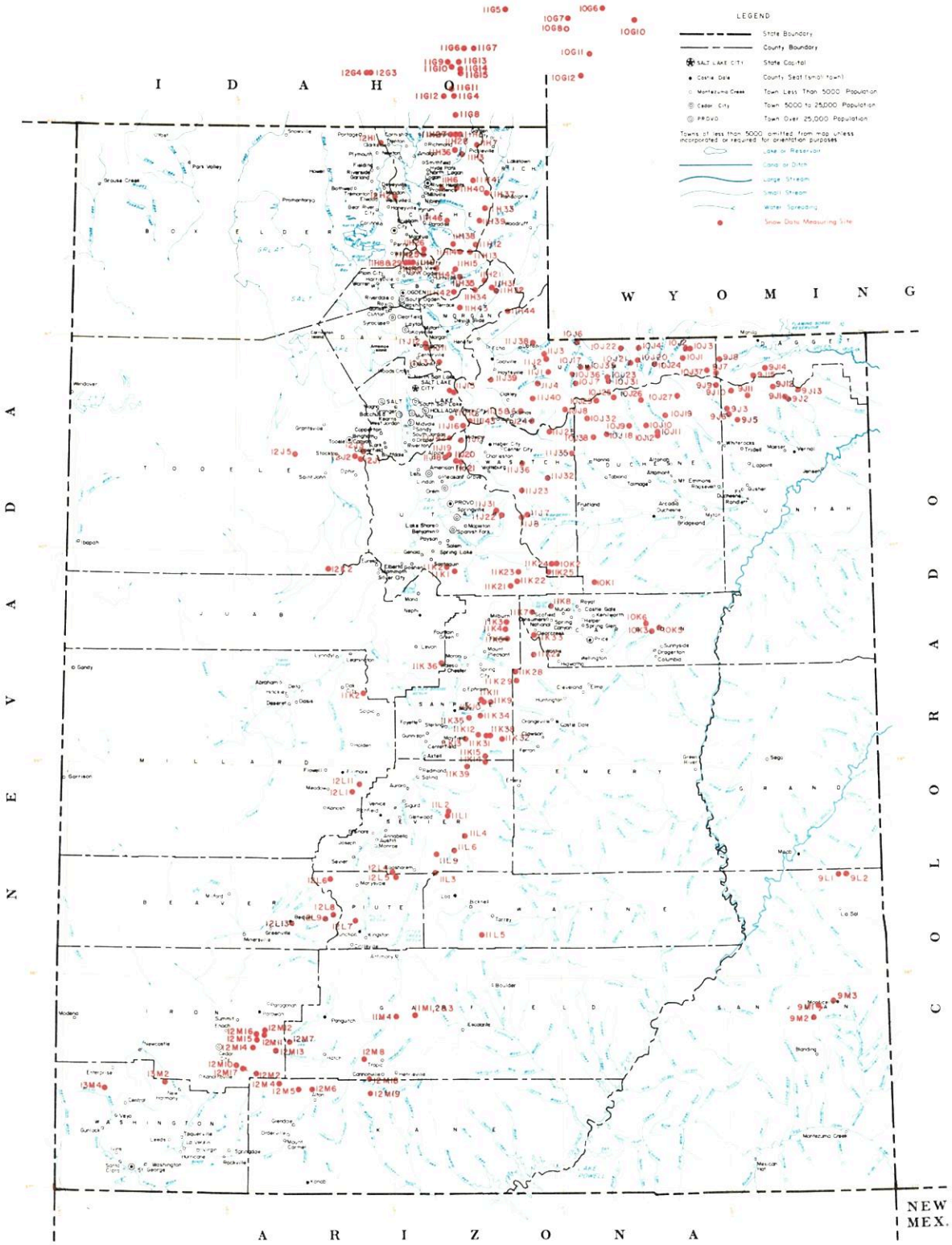
USDA-SCS-PORTLAND OREGON 1974 M7-0-22027Y

SNOW	THIS YEAR			PAST RECORD		PRECIPITATION (Inches)					
				Water Content (inches)		CURRENT INFORMATION			FROM APPROX. OCT 1 TO DATE		
DRAINAGE BASIN and/or SNOW COURSE NAME	Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Last Year	Average +	Date of Reading	Month's Precipitation	Average +	This Year	Average +	Percent of Average
SAN RAFAEL											
Buck Flat	2/27	54	17.0	13.8	13.4	2/27	2.20	3.97	16.60	14.29	116
Orange Olson	3/1	19	4.6	- -	- -	3/1	.50	1.65	5.75	7.93	72
Red Pine Ridge	3/1	52	17.1	13.7	14.7	3/1	2.75	4.42	18.50	16.82	110
Rush Pond	2/27	46	14.1	12.7	11.6						
Seeley Creek R. S.	2/28	46	16.4	18.9	13.0						
Upper Joe's Valley	3/1	39	11.0	8.6	8.8						
Wrigley Creek	2/27	36	9.9	10.2	9.5						
MUDDY RIVER											
Black's Fork	2/26	49	15.8	12.1	- -						
Dills Camp	2/26	48	14.7	11.2	- -	2/26	- -	- -	14.40	- -	- -
FREMONT RIVER											
Black's Flat-U.M. Creek	2/25	42	12.1	11.2	8.6	2/25	- -	- -	12.35	9.34	132
Fish Lake	2/25	41	12.8	10.0	5.5	2/25	- -	- -	8.35	7.54b	111
Johnson Valley	2/25	36	10.3	8.5	5.2						
MILL CREEK											
LaSal Mountain (lower)	2/26	39	11.1	16.4	7.0						
LaSal Mountain (upper)	2/26	55	18.0	10.7	11.7b	2/26	- -	- -	11.65	12.26b	95
SAN JUAN RIVER											
Buckboard Flat	2/25	35	9.9	14.8	10.0	2/25	- -	- -	10.75	15.00	72
Camp Jackson	2/25	37	11.4	16.4	9.5	2/25	- -	- -	10.55	13.40b	79
Monticello City Park	2/28	0	0.0	5.1	- -						
VIRGIN RIVER											
Long Valley Junction	2/27	11	4.2	10.9	3.4						
Webster Flat	2/27	40	13.3	19.1	12.0b	2/27	Gage Molested				

a - Partly Estimated
b - Average of all past record - less than 15 years
* - USU-SCS Cooperative Radio Reading
+ - 1958-72 15 year average period

+ 1958-1972 period.

USDA SCS PORTLAND OREGON 1974 M7-0-22027Y



SNOW COURSES AND RELATED DATA MEASURING SITES

UTAH

1974

USGS National Atlas 1:1,000,000 Albers Equal-Area projection (1967) used as source for base map and adapted for SCS use.

SCALE 1:1,500,000

ALBERS EQUAL AREA PROJECTION

INDEX TO UTAH, BEAR & UPPER COLORADO RIVER BASINS

GREAT BASIN DRAINAGE

UPPER BEAR RIVER (above Harer, Idaho)

NO	STATE	NAME	SEC	TWP	RGE	ELEV.
10G11	W	Big Park	7	27N	117W	8,700
10J6P	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
10J7P	U	Hayden Fork	25	1N	9E	9,400
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)

NO	STATE	NAME	SEC	TWP	RGE	ELEV.
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 Mountain	29	14N	2W	6,300
11G12	I	Cub River Ranger Station	5	15S	41E	5,400
11H33P	U	Curtis Creek	12	10N	4E	8,450
11H39p	U	Deer Springs	34	10N	4E	8,400
11G14a	I	Dry Basin	30	13S	42E	7,900
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
11G8MP	I	Franklin Basin	1	16S	41E	8,000
11H7MP	U	Garden City Summit	34 & 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	8,240
11H26	U	Little Bear (lower)	15	8N	1E	6,000
11H25P	U	Little Bear (upper)	22	8N	1E	6,550
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
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

OGDEN RIVER

NO	STATE	NAME	SEC	TWP	RGE	ELEV.
11H14M	U	Beaver Creek-Skunk Creek	22	8N	3E	7,150
11H8P*	U	Ben Lomond Peak	3	7N	1W	8,000
11H9P	U	Ben Lomond (lower)	1	7N	1W	6,000
11H30P	U	Ben Lomond Trail	2	7N	1W	6,000
11H35p	U	Causey Dam	34	7N	3E	5,500
11H29	U	Cutler Creek	3	7N	1W	6,780
11H13MP	U	Dry Beard 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
11H15P	U	Sagebrush Flat	21	7N	3E	6,300

WEBER RIVER

NO	STATE	NAME	SEC	TWP	RGE	ELEV.
11J24	U	Beaver Creek R.S.	28	2S	7E	7,500
11J1P	U	Chalk Creek #1	4	1N	8E	9,100
11J2MP	U	Chalk Creek #2	17 & 20	2N	8E	7,900
11J3MP	U	Chalk Creek #3	7	2N	8E	7,500
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
11H2IPT	U	Horse Ridge	1	6N	4E	8,260
11H31P	U	Kilfore Creek	20	6N	5E	7,300
11H32P	U	Lost Creek	27	6N	5E	6,125
11J43	U	Park City Smt.	20	2S	4E	9,300
11J15PTS*	U	Parley's Canyon Summit	5	1S	3E	7,500
11J38p	U	Porcupine	22	3N	7E	8,100
11J6	U	Redden Mine (lower)	1	2S	6E	8,500
11J5P	U	Redden 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
11J4P	U	Smith & Morehouse	25	1N	7E	7,600

PROVO RIVER & UTAH LAKE

NO	STATE	NAME	SEC	TWP	RGE	ELEV.
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 #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	27	7S	5E	7,420
11J36P	U	Lake Creek	36	4S	6E	9,100
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
11J18P	U	Timpanogos Cave Camp	27	4S	2E	5,500
11J21	U	Timpanogos Divide	33	4S	3E	8,140
10J[illegible]	U	Trial lake	5	2S	9E	9,800

JORDAN RIVER & GREAT SALT LAKE

NO	STATE	NAME	SEC	TWP	RGE	ELEV.
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
11J41P	U	Lamb's Canyon #2	21	1S	3E	7,400
12J3P	U	Middle Canyon	8	4S	3W	7,000
11J10	U	Mill D South Fork	18	2S	3E	7,400
12J1P	U	Rocky Basin-Settlement Canyon	30	4S	3W	8,900
11J16P	U	Silver Lake (Brighton)	35	2S	3E	8,725
11J42	U	Snow Bird (Gad Valley)	18	3S	3E	10,000
12K2P	U	Vernon Creek	21	10S	5W	7,500

UPPER SEVIER RIVER (South of Richfield, Utah)

NO	STATE	NAME	SEC	TWP	RGE	ELEV.
12L4P	U	Box Creek	33	26S	2W	9,800
12M8	U	Bryce Canyon	36	36S	4W	8,000
12M13P	U	Castle Valley	23	36S	8W	9,700
12M4P	U	Duck Creek R.S.	11	38S	8W	8,700
12M18	U	Farview	32	37S	4W	8,200
12M5	U	Harris Flat	24	38S	7W	7,700
11L9P	U	High-Top Mountain	36	25S	1E	11,400
12L6P	U	Kimberly Mine	11	27S	5W	9,300
12M2M	U	Midway Valley	26	37S	9W	9,800
12M7P	U	Panguitch Lake	4 & 5	36S	7W	8,200
12M19	U	Rainbow Point	29	38S	4W	9,100
12L5	U	Squaw Springs	3	27S	2W	9,300
11M4P	U	Widtsoe R.S.	22	34S	2W	7,600

LOWER SEVIER RIVER (Including San Pitch River)

NO	STATE	NAME	SEC	TWP	RGE	ELEV.
11K13P	U	Beaver Dam	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
11L2P	U	Gooseberry R.S.	22	23S	2E	8,400
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
11K39PT	U	Pickle Keg Springs	4	21S	3E	9,600
12L1P	U	Pine Creek	24	22S	4W	8,700
11K36	U	Rees's Flat	20	15S	2E	7,300
12L11P	U	Shingle Mill	5	22S	3W	6,200
11K35	U	Thistle Flat	23	18S	3E	8,500

BEAVER RIVER

NO	STATE	NAME	SEC	TWP	RGE	ELEV.
12L13	U	Beaver Race Track	23	29S	7W	6,020
12L7PT	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

PAROWAN CREEK

NO	STATE	NAME	SEC	TWP	RGE	ELEV.
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	9W	8,300
12M15P	U	Tall Poles	26 & 35	35S	9W	8,800
12M11P	U	Yankee Reservoir	20	35S	8W	8,700

COAL CREEK

NO	STATE	NAME	SEC	TWP	RGE	ELEV.
12M17	U	CSU Ranch	18	37S	9W	8,200
12M10	U	Urie Flat	11	37S	10W	8,450

ENTERPRISE TO NEW HARMONY DRAINAGES

NO	STATE	NAME	SEC	TWP	RGE	ELEV.
13M4MP	U	Little Grassy Creek	15	38S	17W	6,100
13M2MP	U	Long Flat	2	38S	14W	8,000

COLORADO RIVER DRAINAGE

UPPER GREEN RIVER IN UTAH (above Duchesne River)

NO	STATE	NAME	SEC	TWP	RGE	ELEV.
9J11aP	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
10J24ap	U	Henry's Fork	29	2N	14E	10,000
10J4P	U	Hewinta G.S.	33	3N	13E	9,500
9J8P	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
9J10aP	U	Reynolds Park	9	1S	18E	10,400
9J7P	U	Spirit Lake	10	1N	17E	10,300
10J20p	U	Steel Creek Park	17	2N	13E	9,900
10J31P	U	Tokewanna Peak	23	1N	11E	9,800
9J12ap	U	Windy Park	1	1S	20E	9,400

DUCHESNE RIVER

NO	STATE	NAME	SEC	TWP	RGE	ELEV.
10J27ap	U	Atwood Basin	21	1S	15E	10,250
10J9P	U	Brown Duck Lake	2	2N	6W	10,300
9J14P	U	Burnt Creek	4	1N	20E	7,900
9J9ap	U	Chepeta-Whiterocks Lakes	3	1S	17E	10,300
11J32MP	U	Currant Creek	31	1S	10W	7,800
10J26ap	U	Five Point Lake	28	4N	5W	11,000
9J13P	U	Grizzley Ridge	8	1S	22E	8,500
10K1P	U	Indian Canyon	2	11S	10E	9,100
10J19P	U	Jackson Park	23	3N	4W	11,300
9J6P	U	Julius Park	20	3N	1E	9,800
10J38P	U	Lake Basin	23	3S	8W	10,800
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
10J29p	U	Lightning Lake	24	4N	8W	10,950
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
10J32P	U	Shadow Lake	28	3N	8W	10,150
11J35P	U	West Fork of the Duchesne	22	1N	19E	10,250

PRICE RIVER

NO	STATE	NAME	SEC	TWP	RGE	ELEV.
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
11K7	U	Jones Ranch	32	12S	7E	7,600
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

NO	STATE	NAME	SEC	TWP	RGE	ELEV.
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
10K2MP	U	Rush Pond	24	19S	4E	9,800
11K9	U	Seeley Creek	25	17S	4E	10,000
11K27P	U	Stuart R.S.	8 & 9	15S	7E	7,950
11K29	U	Upper Joe's Valley	21	16S	6E	8,900
11K32	U	Wrigley Creek	27	19S	5E	9,000

MUDDY RIVER

NO	STATE	NAME	SEC	TWP	RGE	ELEV.
11K14	U	Black's Fork	34	20S	4E	9,200
11K15P	U	Dill's Camp	27	20S	4E	9,200

FREMONT RIVER

NO	STATE	NAME	SEC	TWP	RGE	ELEV.
11L4P	U	Black's Flat-U.M. Creek	33	24S	3E	9,250
11L5	U	Donkey Reservoir	9	30S	4E	9,800
11L3P	U	Fish Lake	35	26S	1E	8,700
11L6	U	Johnson Valley	24	25S	2E	8,850

SOUTHEASTERN UTAH DRAINAGES

NO	STATE	NAME	SEC	TWP	RGE	ELEV.
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
9M3	U	Monticello Park	25	33S	23E	7,050

ESCALANTE RIVER

NO	STATE	NAME	SEC	TWP	RGE	ELEV.
11M1	U	Widtsoe-Escalante Summit	22	34S	1W	9,500
11M2PT	U	Widtsoe-Escalante #2	22	34S	1W	9,500
11M3P	U	Widtsoe-Escalante #3	22	34S	1W	9,500

VIRGIN RIVER

NO	STATE	NAME	SEC	TWP	RGE	ELEV.
12M6	U	Long Valley Junction	22	38S	6W	7,500
12M3MPT	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
*	Adjacent Drainage

WATER SUPPLY OUTLOOK FOR UTAH

U. S. DEPARTMENT of AGRICULTURE ★ SOIL CONSERVATION SERVICE

Collaborating with

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

AS OF
APR. 1, 1974

Data included in this report were obtained by the agencies named above in cooperation with Federal, State and private organizations listed inside the back cover of this report.

WATER SUPPLY OUTLOOK FOR UTAH

and

FEDERAL - STATE - PRIVATE COOPERATIVE SNOW SURVEYS

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Report prepared by

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SOIL CONSERVATION SERVICE
SNOW SURVEY SECTION
FEDERAL BLDG., ROOM 4012
SALT LAKE CITY, UTAH 84138

USDA-SCS-PORTLAND, OREG. 1974 M7-L-22027B

PROSPECTIVE WATER SUPPLIES

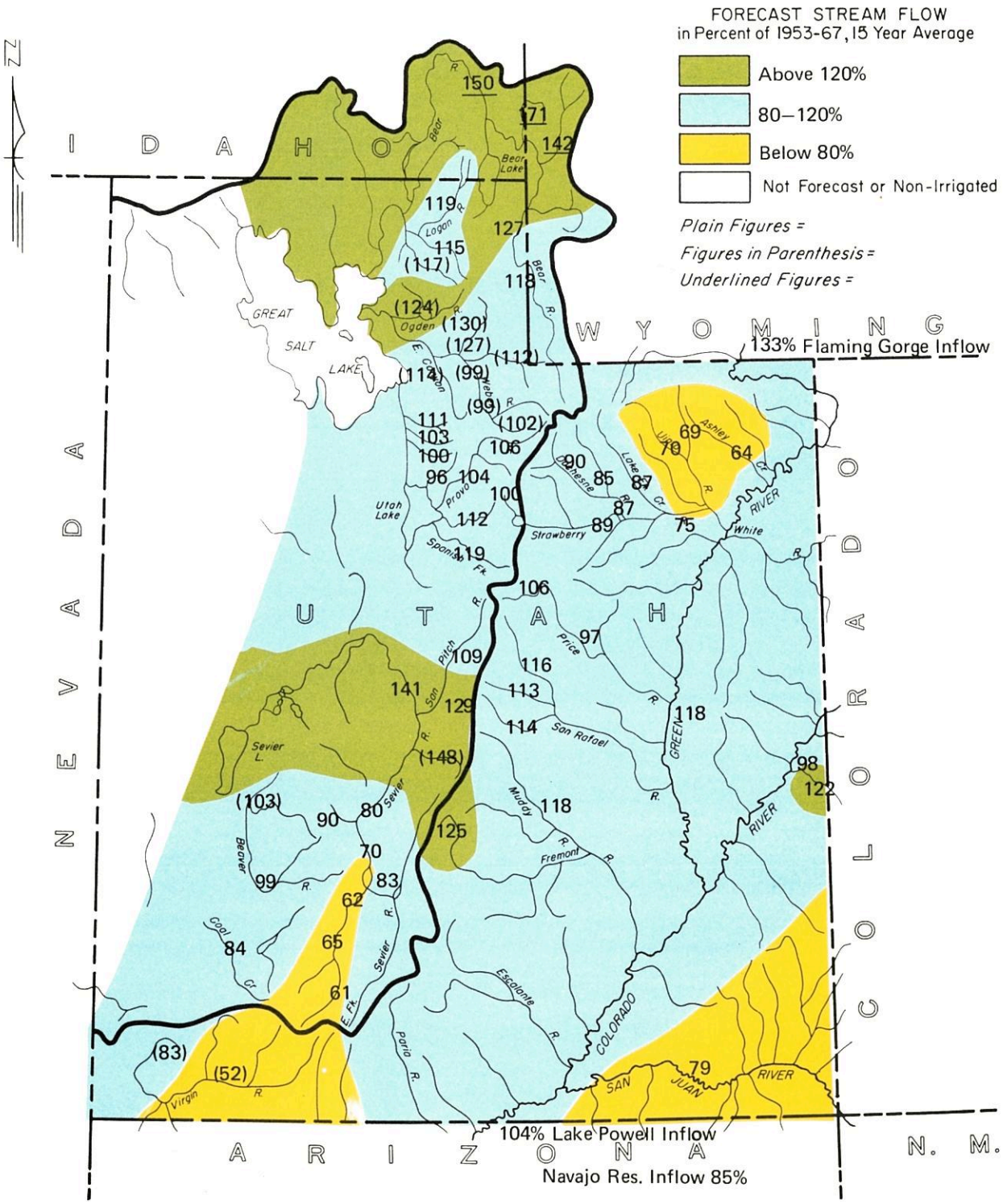
Based on Snow Surveys Made on UTAH and BEAR RIVER WATERSHEDS

April 1, 1974

Approximate Date

50 0 50 100

SCALE IN MILES



WATER SUPPLY OUTLOOK

as of
April 1, 1974

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* * * * * * * * * * * * * * * * * * * * * * * * * * * * * * *
* Utah's 1974 Water Supply Outlook ranges from below average  *
* in Uintah Basin and southern Utah to above average on the   *
* Lower Bear and Lower Sevier Rivers.  Snow cover ranges from *
* 54% to 144% of the April 1 average.  Reservoir storage is   *
* 132% of average and streamflow forecasts range from 52% to  *
* 171% of average.                                            *
* * * * * * * * * * * * * * * * * * * * * * * * * * * * * * *
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SNOW COVER

Snow cover now ranges from 54% of average on Ashley Creek to 144% on Salina Creek. Most snow courses again received less than average increases in water content and many showed much above average melt due to a dry, warm March.

PRECIPITATION

Mountain precipitation stations showed well below average catch during March except on the Lower Bear Watershed and one station in the Ogden Basin.

SOIL MOISTURE

Watershed soils are generally near average moisture at higher elevations but are beginning to dry out below the snow line.

RESERVOIR STORAGE

Storage in 24 reservoirs (excluding Colorado project reservoirs) is 132% of the April 1 average for the 1958-72 15 year period and about 85% of usable capacity.

STREAMFLOW FORECASTS

Forecasts of spring and summer streamflow ranges from 52% of average on the Virgin River to 171% of average on Thomas Fork of the Lower Bear River. The Sevier at Hatch is now forecast at 61% of average and other areas expecting less than average are in Uintah Basin, Coal Creek, Beaver River, and all of the Upper Sevier. These areas are expected to have some water supply shortages late in the season unless above average precipitation occurs during the runoff season. All other areas are expected to have adequate or better water supplies.

USDA SCS PORTLAND, OREG. 1983

WATER SUPPLY OUTLOOK
BEAR RIVER BASIN in UTAH

UNITED STATES DEPARTMENT OF AGRICULTURE - SOIL CONSERVATION SERVICE
UTAH STATE DEPARTMENT OF NATURAL RESOURCES - DIVISION OF WATER RIGHTS

APRIL 1, 1974

THE WATER SUPPLY OUTLOOK IS AVERAGE TO ABOVE AVERAGE

SNOW COVER ranges from 110% of average on the Upper Bear to 117% on the Logan River.

PRECIPITATION at mountain stations ranged from 56% to 167% of average from South to North in the basin.

SOIL MOISTURE is near average.

RESERVOIR STORAGE is 112% of average and 3% better than last April 1.

STREAMFLOW FORECASTS range from 112% of the April-July average on the Bear at Utah-Wyoming State Line to 171% of average on Thomas Fork. The Bear at Harer, Idaho is forecast 150% of the April-September average and Logan River is 119% of the April-July average. All water users in the area are expected to have adequate or better water supplies this season.

Report prepared by
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FEDERAL BLDG. ROOM 4012 - SALT LAKE CITY, UTAH 84138

BEAR RIVER BASIN in UTAH

STREAMFLOW FORECASTS

BASIN, STREAM and/or FORECAST POINT	THIS YEAR FORECAST Thousand Acre Feet	THIS YEAR FORECAST Percent of Average	THIS YEAR FORECAST PERIOD	PAST RECORD THOUSAND ACRE FEET Last Year	PAST RECORD THOUSAND ACRE FEET Average +
BEAR RIVER					
Bear at Harer, Idaho[1]	406	150	Apr-Sept	- -	271
Bear nr Randolph	130	127	Apr-July	133	102
Bear nr Ut-Wyo. State Line	125	112	Apr-July	104	112
Bear nr Woodruff	153	118	Apr-July	149	130
Big Crk nr Randolph, Utah	7.0	167	Apr-July	- -	4.2b
Blacksmith Fork nr Hyrum	55	115	Apr-July	- -	48
Little Bear nr Paradise	40	117	Apr-June	44	34
Logan nr Logan[1]	135	119	Apr-July	90	113
Smith's Fork nr Border, Wyo.	165	142	Apr-Sept	88	116
Thomas Fork nr Ut-Wyo Border	55	171	Apr-Sept	30	32
Woodruff Crk nr Woodruff, Ut	18.5	120	Apr-July	- -	15.4

1 - Observed flow corrected for change in storage and diversions
b - Average of all past record - less than 15 years

SUMMARY of SNOW MEASUREMENTS

RIVER BASIN and/or SUB-WATERSHED	Number of Courses Averaged	THIS YEAR AS A PERCENT OF Last Year	THIS YEAR AS A PERCENT OF Average
UPPER BEAR RIVER	11	130	110
LOWER BEAR RIVER	19	116	118
LOGAN RIVER	6	150	117

RESERVOIR STORAGE (Thousand Acre Feet) MID-MONTH READING

Basin or Stream	RESERVOIR	Usable Capacity	Usable Storage This Year	Usable Storage Last Year	Usable Storage Average+
BEAR RIVER	Bear Lake	1421.0	1097.3	1064.4	976.4
	Woodruff Narrows	26.5	21.5	26.5	24.5
LITTLE BEAR	Hyrum	15.3	11.1	10.6	12.9
	Porcupine	11.3	7.3	4.1	4.9

PEAK FLOWS

FORECAST POINT	PEAK FLOW (SECOND FEET) Forecast Range	PEAK FLOW (SECOND FEET) Average +
Big Creek nr Randolph	50-90	41b
Little Bear nr Paradise	400-550	473
Logan River near Logan	1100-1300	984
Woodruff Creek nr Woodruff	200-380	240

+ - 1958-72 15 year average period

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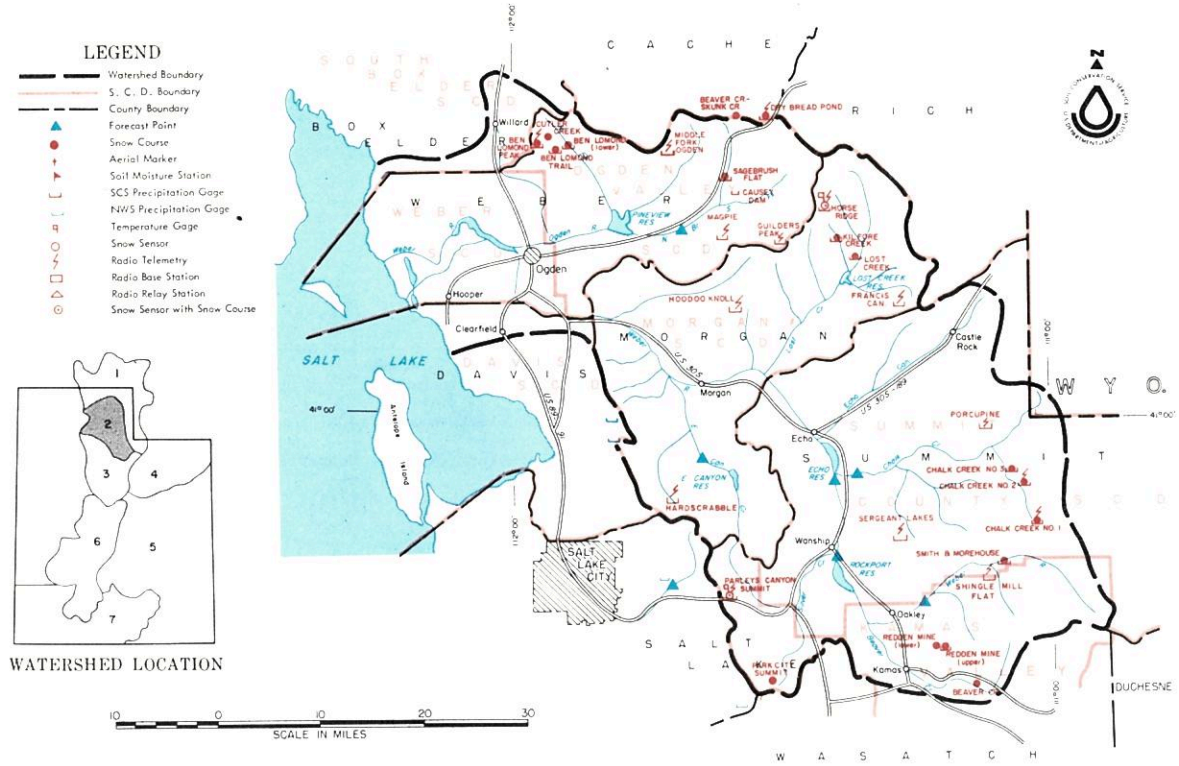
WATER SUPPLY OUTLOOK

WEBER-OGDEN WATERSHEDS in UTAH

UNITED STATES DEPARTMENT OF AGRICULTURE-SOIL CONSERVATION SERVICE
UTAH STATE DEPARTMENT OF NATURAL RESOURCES-DIVISION OF WATER RIGHTS



APRIL 1, 1974

THE WATER SUPPLY OUTLOOK IS NEAR AVERAGE

SNOW COVER receded during a dry March and is now 100% of the April 1 average on the Weber and 101% on the Ogden.

PRECIPITATION at mountain locations ranged from 62% of average on Lost Creek to 119% on the North Fork Ogden during March.

SOIL MOISTURE is average or better after most March snow melt soaked into the soils.

RESERVOIR STORAGE is 149% of average on the Ogden and 131% on the Weber River.

STREAMFLOW FORECASTS were reduced by a dry month and now range from 99% of average for the Weber at Coalville to 130% of average on the South Fork Ogden. Water users in this area can expect average water supplies from direct flow diversions to better than average from reservoir storage.

Report prepared by
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WEBER-OGDEN WATERSHEDS in UTAH

STREAMFLOW FORECASTS

BASIN, STREAM and/or FORECAST POINT	THIS YEAR FORECAST Thousand Acre Feet	THIS YEAR FORECAST Percent of Average	FORECAST PERIOD	PAST RECORD THOUSAND ACRE FEET Last Year	PAST RECORD THOUSAND ACRE FEET Average +
WEBER-OGDEN RIVERS					
Chalk Crk at Coalville	36	112	Apr-June	- -	32
East Canyon Crk nr Morgan[1]	25	114	Apr-June	34	22
Hardscrabble Crk nr Porterville	16.0	111	Apr-June	- -	14.4b
Lost Crk nr Croydon, Utah	17.0	127	Apr-June	16.5	13.7
Pineview Reservoir Inflow[2]	127	124	Apr-June	- -	102
South Fork Ogden nr Huntsville	65	130	Apr-June	- -	50
Rockport Reservoir Inflow[1]	109	99	Apr-June	105	110
Weber nr Coalville[1]	110	99	Apr-June	- -	111
Weber nr Oakley	102	102	Apr-June	- -	100

1 - Observed flow corrected for change in storage and diversions
2 - Inflow record as computed by U. S. Bureau of Reclamation
b - Average of all past record - less than 15 years

SUMMARY of SNOW MEASUREMENTS

RIVER BASIN and/or SUB-WATERSHED	Number of Courses Averaged	THIS YEAR AS A PERCENT OF Last Year	THIS YEAR AS A PERCENT OF Average
OGDEN RIVER	6	63	101
WEBER RIVER	11	95	100

RESERVOIR STORAGE (Thousand Acre Feet) MID-MONTH READING

Basin or Stream	RESERVOIR	Usable Capacity	Usable Storage This Year	Usable Storage Last Year	Usable Storage Average+
OGDEN	Causey	6.9	0.5	2.8	2.8
	Pineview	110.1	70.2	35.9	44.7
WEBER	East Canyon	48.1	41.1	39.6	21.0
	Echo	73.9	51.6	43.2	45.7
	Lost Creek	20.0	14.0	15.7	12.0
	Rockport	60.9	53.2	25.3	27.1
	Willard Bay	193.3	158.7	167.6	136.5

+ - 1958-72 15 year average period

PEAK FLOWS

FORECAST POINT	PEAK FLOW (SECOND FEET) Forecast Range	PEAK FLOW (SECOND FEET) Average +
Lost Creek near Croydon	210-350	206b
South Fork Ogden nr Huntsville	650-1000	697
Chalk Creek near Coalville	350-650	373

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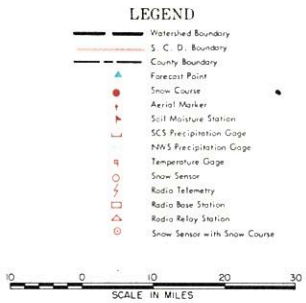
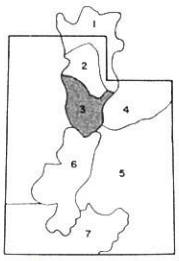
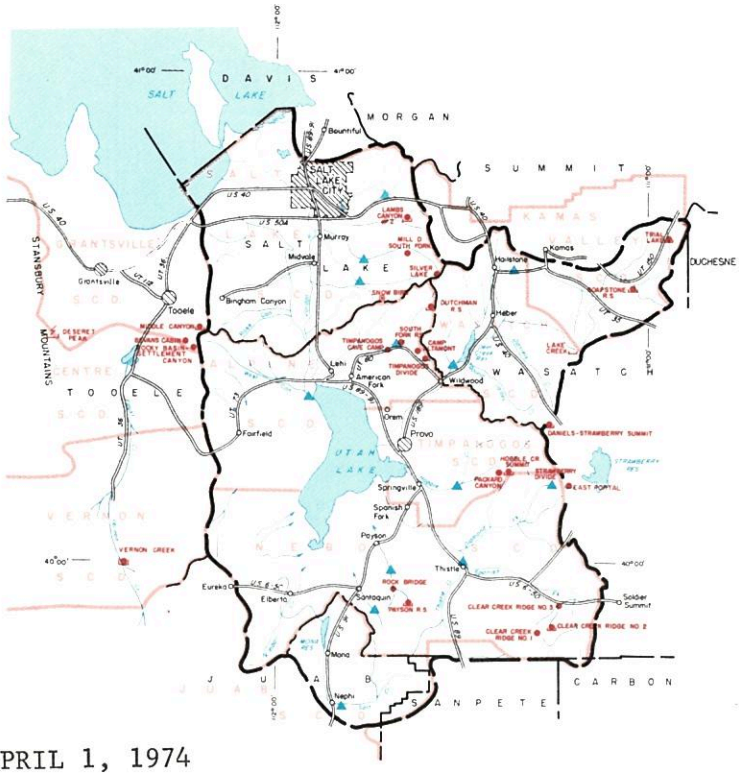
WATER SUPPLY OUTLOOK
UTAH LAKE, JORDAN RIVER and TOOELE VALLEY WATERSHEDS in UTAH

UNITED STATES DEPARTMENT OF AGRICULTURE-SOIL CONSERVATION SERVICE
UTAH STATE DEPARTMENT OF NATURAL RESOURCES-DIVISION OF WATER RIGHTS





WATERSHED LOCATION



APRIL 1, 1974

THE WATER SUPPLY OUTLOOK IS NEAR AVERAGE

SNOW COVER has dropped to 85% of average on Utah Lake watersheds, 103% on watersheds above Salt Lake and 104% on Tooele Valley watersheds. Snow courses received much less than average March increases and many lost water content.

PRECIPITATION at mountain stations ranged from 36% of the March average on Spanish Fork and Hobble Creek to 86% in Middle Canyon above Tooele.

SOIL MOISTURE is near average at higher elevations but drying out below the snow line.

RESERVOIR STORAGE is well above average.

STREAMFLOW FORECASTS dropped due to a dry March and now range from 71% of average on Vernon Creek to 119% on Spanish Fork. Strawberry Inflow is now expected to be average (100%) and Provo near Hailstone 106% and 104% below Deer Creek Dam. Forecasts on streams above Salt Lake range from 100% for Little Cottonwood to 111% for Parley's Creek. Settlement Canyon Creek is expected to produce about 91% of its April-July average. Adequate water supplies are expected for this area.

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USDA-SCS-PORTLAND, OREG. 1971 H7-0-22027-3-L

UTAH LAKE, JORDAN RIVER and TOOELE VALLEY WATERSHEDS in UTAH

STREAMFLOW FORECASTS

BASIN, STREAM and/or FORECAST POINT	THIS YEAR FORECAST Thousand Acre Feet	THIS YEAR FORECAST Percent of Average	FORECAST PERIOD	PAST RECORD THOUSAND ACRE FEET Last Year	PAST RECORD THOUSAND ACRE FEET Average +
PROVO RIVER & UTAH LAKE					
American Fork nr American Frk	28	96	Apr-July	- -	29
Hobble Creek nr Springville	18.0	112	Apr-July	- -	16
Provo nr Hailstone[1]	108	106	Apr-July	- -	102
Provo below Deer Creek Dam[1]	115	104	Apr-July	- -	111
Spanish Fork at Thistle	38	119	Apr-July	- -	32
Strawberry Reservoir Inflow[1]	45	100	Apr-July	- -	45
Utah Lake Inflow	240	115	Apr-July	370	208
Payson Creek nr Payson	Delayed		Apr-July	- -	6.3[b]
JORDAN RIVER & SALT LAKE					
Big Cottonwood nr SLC	35	103	Apr-July	- -	36
Farmington Crk nr Farmington	8.5	109	Apr-July	- -	7.8[b]
Little Cottonwood Crk nr SLC	35	100	Apr-July	- -	35
Parley's Creek nr SLC	13.0	111	Apr-July	- -	11.7
TOOELE VALLEY					
Settlement Creek nr Tooele	2.0	91	Apr-July	- -	2.2[b]
Vernon Creek nr Vernon	0.5	71	Apr-July	- -	0.7[b]

1 - Observed flow corrected for change in storage and diversions

SUMMARY of SNOW MEASUREMENTS

RIVER BASIN and or SUB-WATERSHED	Number of Courses Averaged	THIS YEAR AS A PERCENT OF Last Year	THIS YEAR AS A PERCENT OF Average
PROVO RIVER & UTAH LAKE	12	68	85
JORDAN RIVER	4	96	103
TOOELE VALLEY	3	50	104

RESERVOIR STORAGE (Thousand Acre Feet) MID-MONTH READING

Basin or Stream	RESERVOIR	Usable Capacity	Usable Storage This Year	Usable Storage Last Year	Usable Storage Average+
SPANISH FORK	Strawberry	270.0	217.1	184.9	119.2
UTAH LAKE	Utah Lake	883.9	900.1	827.3	642.3
PROVO	Deer Creek	149.7	120.7	111.2	95.8
SETTLEMENT CRK	Settlement Creek	1.2	- -	- -	- -

PEAK FLOWS

FORECAST POINT	PEAK FLOW (SECOND FEET) Forecast Range	PEAK FLOW (SECOND FEET) Average +
Hobble Creek near Springville	100-300	210
Spanish Fork near Thistle	300-500	365

+ - 1958-72 Average

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WATER SUPPLY OUTLOOK

UINTAH BASIN and DAGGETT SCD's in UTAH

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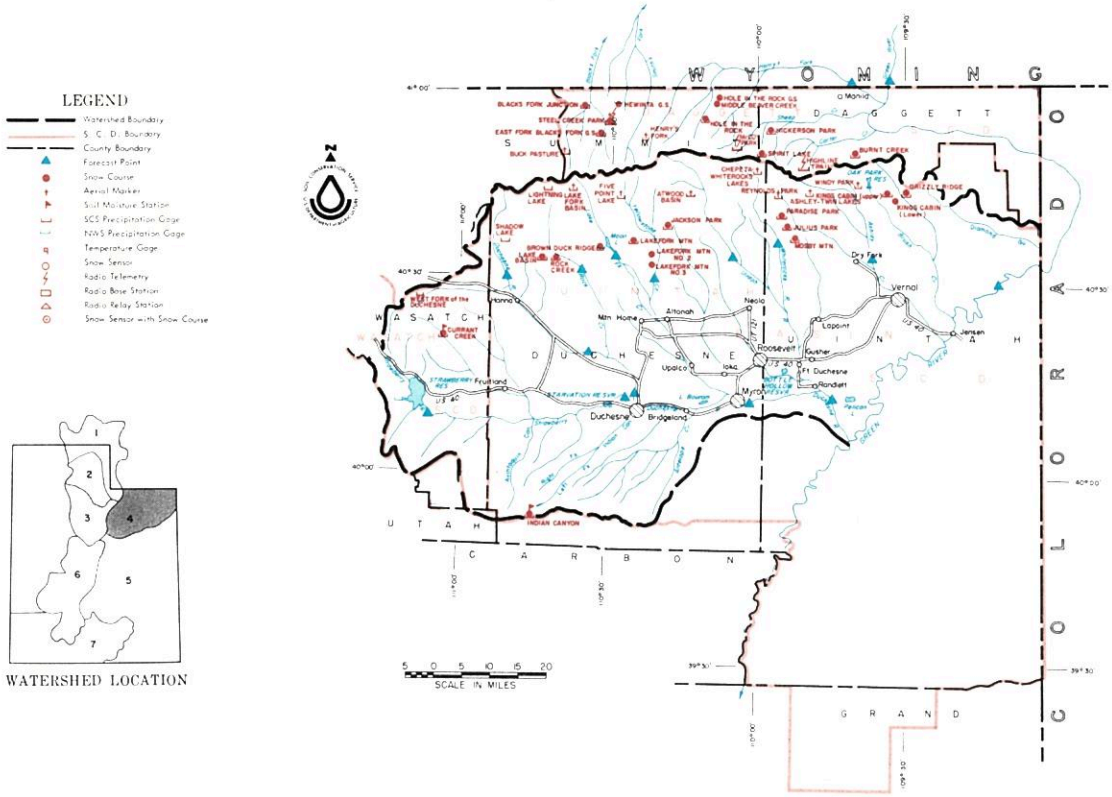

APRIL 1, 1974

THE WATER SUPPLY OUTLOOK IS BELOW AVERAGE

SNOW COVER ranges from 54% of average on Ashley-Brush Creeks to 93% on Strawberry River. High elevation aerial marker readings were delayed by poor weather around April 1. Most snow courses had well below average increases during a dry March.

PRECIPITATION at mountain locations was only 50 to 86% of average.

SOIL MOISTURE is near average on the Upper Duchesne and Strawberry but below average on other watersheds in the Uintah Basin and at lower elevations.

RESERVOIR STORAGE is above average.

STREAMFLOW FORECASTS range from 64% of average on Ashley Creek to 133% for Flaming Gorge Inflow. Other streams in Uintah Basin range from East to West 69% on Whiterocks to 90% on the Duchesne at Tabiona. Water users in this area depending on natural flow are expected to have late season shortages. Those with reservoir storage will have an adequate supply.

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UINTAH BASIN and DAGGETT SCD's in UTAH

STREAMFLOW FORECASTS

BASIN, STREAM and/or FORECAST POINT	THIS YEAR FORECAST Thousand Acre Feet	THIS YEAR FORECAST Percent of Average	FORECAST PERIOD	PAST RECORD THOUSAND ACRE FEET Last Year	PAST RECORD THOUSAND ACRE FEET Average +
DUCHESNE RIVER					
Duchesne nr Tabiona[1]	94	90	Apr-July	- -	104
Duchesne at Duchesne[1]	161	87	Apr-July	- -	185
Duchesne at Myton[1]	154	75	Apr-July	- -	205
Duchesne at Randlett[1]	172	78	Apr-July	- -	220
Lakefork below Moon Lake[1]	56	81	Apr-July	- -	69
Rock Crk nr Mtn. Home	80	85	Apr-July	- -	94
Strawberry at Duchesne	50	89	Apr-July	- -	56
Uinta nr Neola	62	70	Apr-July	- -	88
Whiterocks nr Whiterock	40	69	Apr-July	- -	58
Yellowstone nr Altonah	46	71	Apr-July	- -	65
FLAMING GORGE TO DUCHESNE RIVER					
Ashley Creek nr Vernal	32	64	Apr-July	- -	50
Henry's Fork at Linwood	40	89	Apr-Sept	- -	45
Flaming Gorge Inflow[1]	1566	133	Apr-July	- -	1174

1 - Observed flow corrected for change in storage and diversions

SUMMARY of SNOW MEASUREMENTS

RIVER BASIN and or SUB-WATERSHED	Number of Courses Averaged	THIS YEAR AS A PERCENT OF Last Year	THIS YEAR AS A PERCENT OF Average
DUCHESNE RIVER	11	63	72
STRAWBERRY RIVER	3	84	93
LAKEFORK-YELLOWSTONE	3	45	55
UINTAH-WHITEROCKS	2	58	61
ASHLEY-BRUSH CREEKS	2	40	54

RESERVOIR STORAGE (Thousand Acre Feet) MID-MONTH READING

Basin or Stream	RESERVOIR	Usable Capacity	Usable Storage This Year	Usable Storage Last Year	Usable Storage Average+
ASHLEY CREEK	Steinaker	33.3	29.2	29.5	22.3
GREEN RIVER	Flaming Gorge	3749.0	3087.0	2894.0	1588.0
LAKE FORK	Moon Lake	35.8	25.4	19.8	19.2
STRAWBERRY	Starvation	165.3	120.3	123.5	- -
UINTAH	Bottle Hollow	11.3	9.3	11.0	- -

+ - 1958-72 15 year average period

PEAK FLOWS

FORECAST POINT	PEAK FLOW (SECOND FEET) Forecast Range	PEAK FLOW (SECOND FEET) Average +
Ashley Creek near Vernal	400-800	906
Strawberry at Duchesne	300-750	628

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WATER SUPPLY OUTLOOK
CARBON, EMERY, WAYNE, GRAND and SAN JUAN COUNTIES in UTAH

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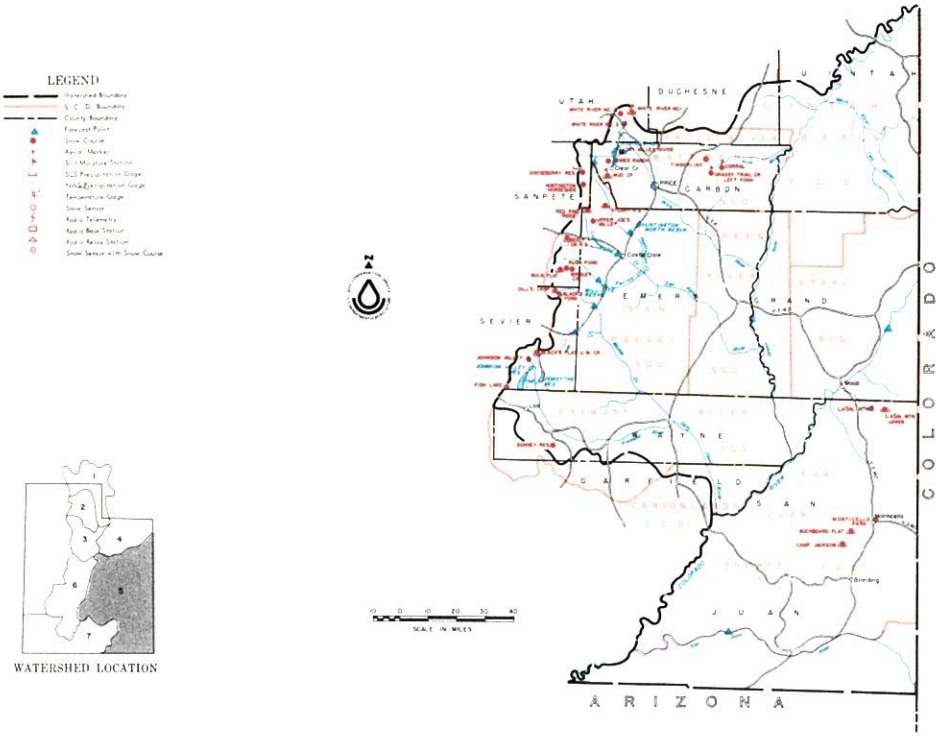
UTAH STATE DEPARTMENT OF NATURAL RESOURCES - DIVISION OF WATER RIGHTS



APRIL 1, 1974

THE WATER SUPPLY OUTLOOK IS NEAR AVERAGE

SNOW COVER ranges from 70% of the April 1 average on the San Juan River to 102% on Mill Creek near Moab. Price River is 83% and San Rafael is 100% of average. A dry month caused most snow courses to show a loss instead of the usual increase.

PRECIPITATION at mountain locations ranged from 20% of the March average on the LaSals to 63% on the Upper Fremont River.

SOIL MOISTURE is near average at high elevations but drying out rapidly at lower elevations.

RESERVOIR STORAGE is well above average.

STREAMFLOW FORECASTS have been reduced due to a drier than average March and now range from 79% of average on the San Juan to 125% on the Fremont River. Scofield Inflow is expected to be 106% of the April-July average and Ferron Creek 114% of the April-July average. The Colorado at Cisco is forecast at 98% of average and the Green at Green River is 118% of the April-July average.

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USDA-SCS-PORTLAND, OREG. 1971 M7-0-22027-5-L

CARBON, EMERY, WAYNE, GRAND and SAN JUAN COUNTIES in UTAH

STREAMFLOW FORECASTS

BASIN, STREAM and/or FORECAST POINT	THIS YEAR FORECAST Thousand Acre Feet	THIS YEAR FORECAST Percent of Average	THIS YEAR FORECAST PERIOD	PAST RECORD THOUSAND ACRE FEET Last Year	PAST RECORD THOUSAND ACRE FEET Average +
PRICE RIVER					
Gooseberry Crk nr Scofield	11.1	111	Apr-July	- -	10.0
Price nr Heiner[1]	62	97	Apr-July	- -	64b
Scofield Reservoir Inflow	36	106	Apr-July	46	34
SAN RAFAEL RIVER					
Cottonwood Crk nr Orangeville	52	113	Apr-July	60	46b
Ferron Crk nr Ferron	40	114	Apr-July	- -	35
Huntington Crk nr Huntington	52	116	Apr-July	- -	45
MUDDY RIVER					
Muddy Creek nr Emery	20	118	Apr-July	- -	17.0
UPPER COLORADO BASIN					
Colorado nr Cisco, Utah	2774	98	Apr-July	- -	2835
Green at Green River, Utah	3359	118	Apr-July	- -	2839
Navajo Reservoir Inflow	505	85	Apr-July	- -	597
San Juan nr Bluff, Utah	674	79	Apr-July	- -	853
Mill Creek nr Moab	6.0	122	Apr-July	- -	4.9
FREMONT RIVER					
Seven Mile Crk nr Fish Lake	8.0	125	Apr-July	- -	6.4b

1 - Observed flow corrected for change in storage and diversions

SUMMARY of SNOW MEASUREMENTS

RIVER BASIN and or SUB-WATERSHED	Number of Courses Averaged	THIS YEAR AS A PERCENT OF Last Year	THIS YEAR AS A PERCENT OF Average
PRICE RIVER	7	66	83
MILL CREEK	2	73	102
SAN JUAN RIVER	2	40	70
SAN RAFAEL RIVER	8	86	100

RESERVOIR STORAGE (Thousand Acre Feet) MID-MONTH READING

Basin or Stream	RESERVOIR	Usable Capacity	Usable Storage This Year	Usable Storage Last Year	Usable Storage Average+
PRICE RIVER	Scofield	65.8	45.5	24.6	31.0
SAN RAFAEL	Huntington North	3.9	3.7	3.9	2.9
	Joe's Valley	54.6	47.0	37.0	32.9
	Mill Site	16.7	6.1	5.3	- -
SAN JUAN	Navajo	1696.0	985.5	972.8	- -

+ - 1958-72 15 year average period
b - Average of all past record - less than 15 years

PEAK FLOWS

FORECAST POINT	PEAK FLOW (SECOND FEET) Forecast Range	PEAK FLOW (SECOND FEET) Average +
Ferron Creek near Ferron	300-550	419
Muddy Creek near Emery	100-250	157

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WATER SUPPLY OUTLOOK

SEVIER RIVER BASIN including BEAVER RIVER in UTAH

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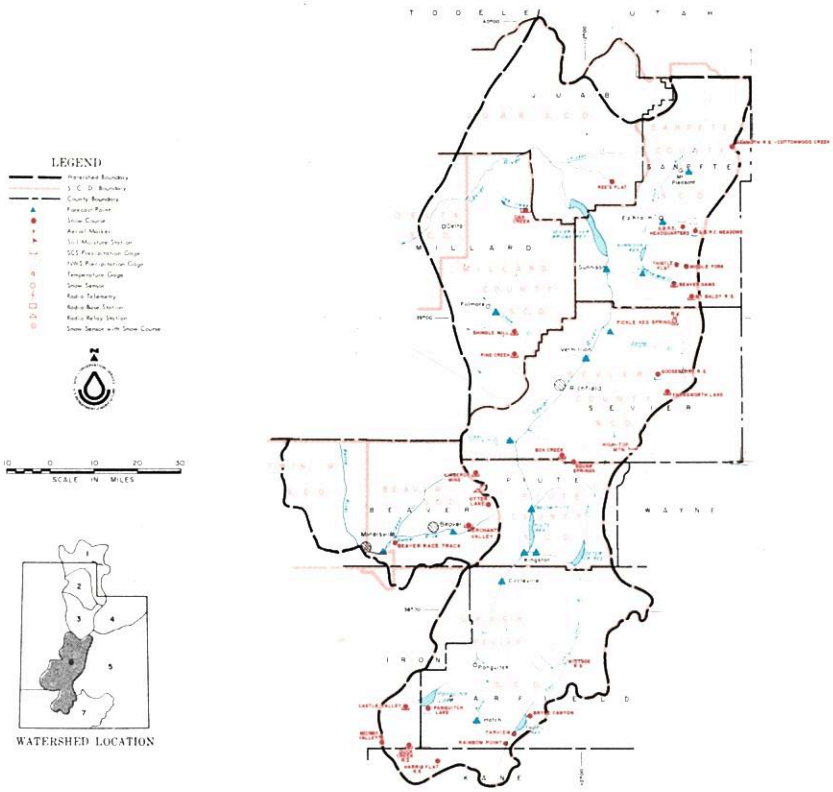
UTAH STATE DEPARTMENT OF NATURAL RESOURCES - DIVISION OF WATER RIGHTS



APRIL 1, 1974

THE WATER SUPPLY OUTLOOK RANGES FROM BELOW AVERAGE
ON THE UPPER SEVIER TO ABOVE AVERAGE ON THE LOWER SEVIER

SNOW COVER ranges from 66% of the April 1 average on the South Fork to 134% of average on Chalk Creek. The East Fork is 83% and Beaver River is 102% of average. Most snow did not get the usual March increases and those on the Upper Sevier lost several inches of water during March.

PRECIPITATION at mountain locations ranged from 50 to 80% of the March average.

SOIL MOISTURE is near average at high elevations but lower soils are drying out at lower elevations.

RESERVOIR STORAGE is well above average. Sevier Basin storage is now 173% of the April 1 average and Minersville is 167% of average.

STREAMFLOW FORECASTS range from 61% of average for the April-July period at Hatch to 148% on Salina Creek. Chalk Creek is expected to be 128% of average and Beaver River is 99% of its April-July average for the 1958-72 period. Some late season shortages are expected for users of direct streamflow on the Upper Sevier. Other areas are expected to have adequate water supplies.

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SEVIER RIVER BASIN including BEAVER RIVER in UTAH

STREAMFLOW FORECASTS

BASIN, STREAM and/or FORECAST POINT	THIS YEAR FORECAST Thousand Acre Feet	THIS YEAR FORECAST Percent of Average	FORECAST PERIOD	PAST RECORD THOUSAND ACRE FEET Last Year	PAST RECORD THOUSAND ACRE FEET Average +
SEVIER RIVER					
Chalk Creek nr Fillmore	19.8	128	Apr-July	- -	15.5b
Clear Crk nr Sevier (abv Div.)	13.5	90	Apr-July	- -	15.0
East Fork Sevier nr Kingston[1]	12.0	83	Apr-July	56	14.4
Antimony Crk nr Antimony	6.5	83	Apr-July	- -	7.3
Inflow					
Kingston to Vermillion Dam	40	80	Apr-June	- -	50
Vermillion Dam to Gunnison	55	141	Mar-June	- -	39
Salina Crk at Salina	12.0	148	Apr-June	- -	8.1b
Sevier nr Circleville	18.2	65	Apr-July	- -	28
Sevier nr Gunnison	55	141	Apr-July	154	39
Sevier at Hatch	25	61	Apr-July	78	41
Sevier nr Kingston	13.0	62	Apr-July	- -	21
Sevier below Piute Dam[1]	23	70	Apr-July	- -	33
SAN PITCH RIVER					
Ephraim Crk nr Ephraim	18	129	Apr-July	- -	13.9b
Pleasant Crk nr Mt. Pleasant	8.5	109	Apr-July	- -	7.8
BEAVER RIVER					
Beaver nr Beaver	19.8	99	Apr-July	38	20
Minersville Reservoir Inflow[1]	6.0	103	Apr-June	- -	5.8

SUMMARY of SNOW MEASUREMENTS

RIVER BASIN and or SUB-WATERSHED	Number of Courses Averaged	THIS YEAR AS A PERCENT OF Last Year	THIS YEAR AS A PERCENT OF Average
UPPER SEVIER	12	39	73
EAST FORK SEVIER	6	43	83
SOUTH FORK SEVIER	6	36	66
LOWER SEVIER	12	90	122
CHALK CREEK	2	58	134
BEAVER RIVER	3	69	102

RESERVOIR STORAGE (Thousand Acre Feet) MID-MONTH READING

Basin or Stream	RESERVOIR	Usable Capacity	Usable Storage This Year	Usable Storage Last Year	Usable Storage Average+
SEVIER RIVER	Gunnison	18.2	18.2	18.1	14.9
	Otter Creek	52.5	50.2	34.3	34.0
	Piute	71.8	65.5	56.2	46.8
	Sevier Bridge	236.0	233.4	142.7	116.1
BEAVER RIVER	Minersville (Rdy Fd)	23.3	23.9	13.5	14.3

PEAK FLOWS

FORECAST POINT	PEAK FLOW (SECOND FEET) Forecast Range	PEAK FLOW (SECOND FEET) Average +
Beaver near Beaver	125-275	212
Clear Creek near Sevier	140-200	170
Salina Creek near Salina	240-300	235
Sevier River at Hatch	100-300	418
Sevier River at Circleville	130-342	304
Sevier River at Kingston	110-200	263

FORECAST DATE of LOW FLOW VALUES

FORECAST POINT	Low Flow Value Second Ft.	Forecast Date Stream Will Recede to Low Flow Value	Average Date of Low Flow Value
Clear Crk nr Sevier (Abv Div.)	5	July 10	July 28
Salina Crk at Salina	25	June 12	June 10
Sevier at Circleville	90	June 2	June 24
Sevier at Hatch (upper)	100	June 10	July 10

PRIMARY WATER RIGHT FORECASTS (PERCENT OF WATER RIGHT DELIVERED)

RIVER SECTION	Percent Forecast For This Year	Average Percent Delivered During 15 year Period+	Forecast Period
SEVIER RIVER			
Below Vermillion Dam	60	55	April-Se
Circle Valley	60	65	April-Se
Panguitch Valley	78	82	April-Se
Sevier Valley	35	38	April-Sept.

Inflow to Sevier Bridge Reservoir October 1 to March 31 was about 135,000 acre-feet after a heavy March flow from lower elevations.

Below Vermillion - Flow above 360 second feet should total about 3500-4000 acre-feet.

1 - Observed flow corrected for change in storage and diversions
b - Average of all past record - less than 15 years
+ - 1958-72 Average

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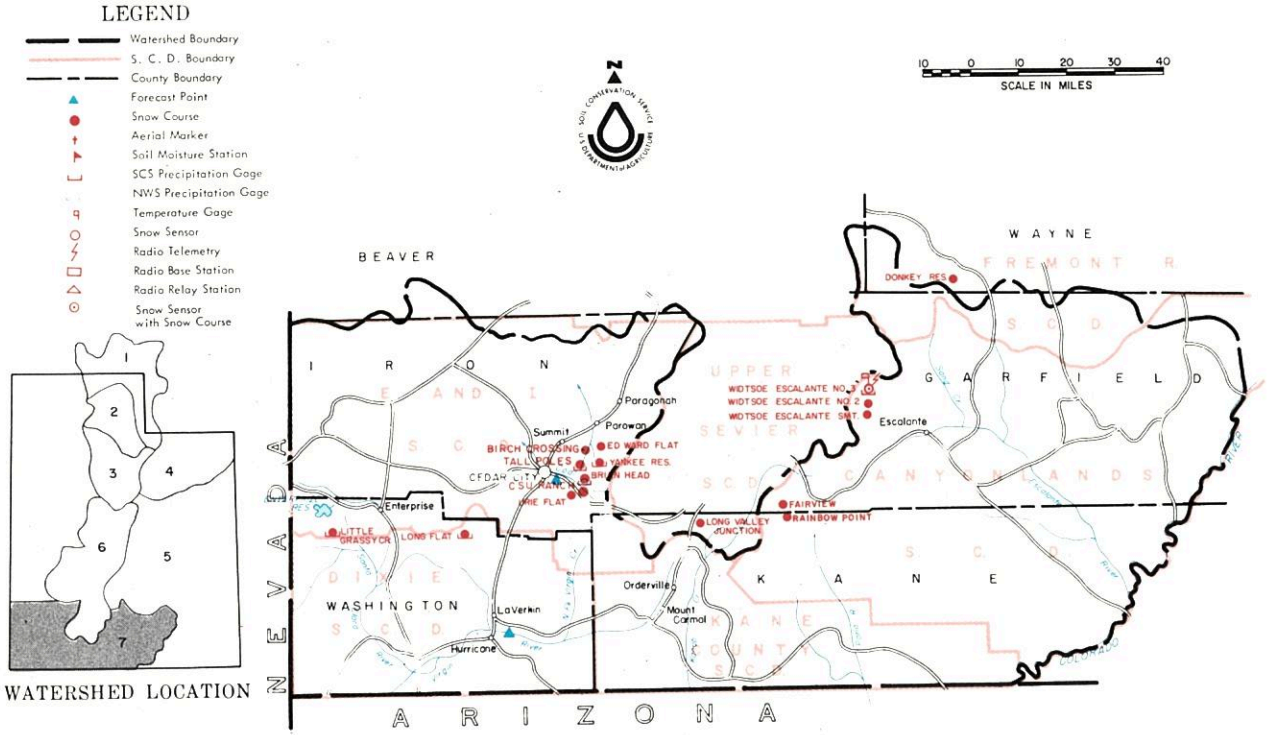
WATER SUPPLY OUTLOOK

EAST GARFIELD, KANE, WASHINGTON and IRON COUNTIES in UTAH

UNITED STATES DEPARTMENT OF AGRICULTURE - SOIL CONSERVATION SERVICE
UTAH STATE DEPARTMENT OF NATURAL RESOURCES - DIVISION OF WATER RIGHTS



APRIL 1, 1974

THE WATER SUPPLY OUTLOOK IS BELOW AVERAGE

SNOW COVER ranges from 66% of average on Coal Creek to 94% on Parowan Creek. The Virgin River is now 76% of average after a very dry March. Most snow courses lost moisture during the month.

PRECIPITATION at mountain stations was well below average during March.

SOIL MOISTURE is near average at high elevation. Lower areas soaked up melting snow during March.

RESERVOIR STORAGE in Lake Powell is now 17,935,000 acre-feet or a gain of 338,000 acre-feet during March.

STREAMFLOW FORECASTS have dropped due to a dry March and now range from 52% of the April-June average on the Virgin to 104% of the April-July average for the inflow to Lake Powell. Coal Creek is forecast at 84% and the Santa Clara 83% of average. Some late season shortages are expected for water users depending on direct flow from streams in this area.

Report prepared by
BOB L. WHALEY
U.S. DEPARTMENT OF AGRICULTURE-SOIL CONSERVATION SERVICE
FEDERAL BLDG. ROOM 4012 - SALT LAKE CITY, UTAH 84138

EAST GARFIELD, KANE, WASHINGTON and IRON COUNTIES in UTAH

STREAMFLOW FORECASTS

BASIN, STREAM and/or FORECAST POINT	THIS YEAR FORECAST Thousand Acre Feet	THIS YEAR FORECAST Percent of Average	FORECAST PERIOD	PAST RECORD THOUSAND ACRE FEET Last Year	PAST RECORD THOUSAND ACRE FEET Average +
VIRGIN RIVER					
Virgin nr Virgin	25	52	Apr-June	- -	48b
Santa Clara nr Pine Valley	3.0	83	Apr-June	- -	3.6b
COAL CREEK					
Coal Creek nr Cedar City	13.5	84	Apr-July	- -	16.1
UPPER COLORADO					
Lake Powell Inflow	7175	104	Apr-July	- -	6881

b - Average of all past record - less than 15 years

SUMMARY of SNOW MEASUREMENTS

RIVER BASIN and/or SUB-WATERSHED	Number of Courses Averaged	THIS YEAR AS A PERCENT OF Last Year	THIS YEAR AS A PERCENT OF Average
COAL CREEK	3	34	66
PAROWAN CREEK	2	41	94
VIRGIN RIVER	2	31	76

RESERVOIR STORAGE (Thousand Acre Feet) MID-MONTH READING

Basin or Stream	RESERVOIR	Usable Capacity	Usable Storage This Year	Usable Storage Last Year	Usable Storage Average +
COLORADO	Lake Powell	25002.0	17935.0	11966.0	8462.1
	Blue Mesa	829.5	269.2	308.9	- -

PEAK FLOWS

FORECAST POINT	PEAK FLOW (SECOND FEET) Forecast Range	PEAK FLOW (SECOND FEET) Average +
Coal Creek	125-375	245
Virgin River	400-650	631b

+ - 1958-72 15 year average period

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SNOW	THIS YEAR			PAST RECORD		PRECIPITATION (Inches)					
DRAINAGE BASIN and/or SNOW COURSE				Water Content (inches)		CURRENT INFORMATION			FROM APPROX. OCT. 1 TO DATE		
NAME	Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Last Year	Average +	Date of Reading	Month's Precipitation	Average +	This Year	Average +	Percent of Average
GREAT BASIN											
UPPER BEAR RIVER (Above Harer, Idaho)											
Big Park	3/30	69	23.6	16.4	21.2						
Burts-Miller Ranch	3/26	19	7.0	6.1	6.1	3/26	- -	- -	10.95	9.03a	121
CCC Camp	3/28	43	14.8	11.2	12.2						
Gold Hill*	4/4	Data Not Available from USU									
Hayden Fork	3/26	43	15.6	12.4	16.0b	3/26	- -	- -	21.60	20.48a	105
Kelly Ranger Station*	3/30	60	21.4	15.8	18.9	4/4	Data Not Available from USU				
LeBarge Guard Station	3/26	101	36.3	18.0	- -						
Lily Lake*	4/4	Data Not Available from USU									
Monte Cristo Ranger Station	3/30	69	28.4	24.4	25.6	3/30	4.10	4.73b	31.45	27.62b	114
Piney-LaBarge #2	3/26	74	25.8	24.4	23.8						
Poison Meadows	3/26	102	35.3	22.9	30.8						
Salt River Summit	3/28	55	18.4	13.9	16.2	3/28	4.30	2.57	18.70	16.74	112
Snyder Basin	3/26	55	18.2	12.5	16.6						
Stillwater Camp	3/26	31	10.8	8.6	11.0	3/26	- -	- -	14.40	12.01	120
LOWER BEAR RIVER (Below Harer, Idaho)											
Bug Lake*	4/4	Data Not Available from USU									
Christensen Ranch	3/25	21	8.5	10.6	7.1						
Cinnamon Creek*	4/4	Data Not Available from USU									
Clarkston Mountain*	4/4	Data Not Available from USU									
Cub River Ranger Station	3/27	22	9.5	9.0	6.1						
Curtis Creek*	4/4	Data Not Available from USU									
Dry Basin	3/27	83	32.9	27.4	- -						
Dry Creek Flat	3/26	12	5.9	13.9	3.3						
Deer Springs*	4/4	Data Not Available from USU									
Emigrant Summit	3/25	72	29.4	22.6	25.4						
Emigration Canyon	3/25	25	9.2	10.6	10.7						
Franklin Basin*	4/1	84	33.9	21.2	28.6	4/4	Data Not Available from USU				
Garden City Summit	4/1	52	20.2	15.1	18.7	4/1	4.15	3.04b	21.30	19.72b	108
George Peak*	4/4	Data Not Available from USU									
Hardware Ranch*	4/4	Data Not Available from USU									
Hells Canyon*	4/4	Data Not Available from USU									
Herd Hollow*	4/4	Data Not Available from USU									
Horseshoe Basin	3/27	70	28.2	24.9	- -						
Hyrum Dam*	4/4	Data Not Available from USU									
Klondike Narrows*	4/1	58	23.9	17.8	20.7	4/4	Data Not Available from USU				
Liberty Spring	3/27	116	46.7	32.6	36.8a						
Little Bear (lower)	4/2	30	10.4	16.6	8.9						
Little Bear (upper)*	4/2	42	14.7	20.2	11.6	4/4	Data Not Available from USU				
Oxford Mountain	3/26	20	8.0	12.2	8.2						
Slug Creek Divide	3/27	42	15.0	16.5	16.7						
Steep Hollow #1	4/1	112	46.8	28.0	38.4b						
Steep Hollow #2	4/1	82	32.8	20.4	27.1						
Strawberry Creek	3/25	32	12.6	13.9	10.0						
Strawberry Mink Divide	3/25	59	24.9	24.2	21.5						
Tony Grove Lake*	4/4	Data Not Available from USU									
Tony Grove Ranger Station*	4/1	25	11.1	9.7	10.4	4/4	Data Not Available from USU				
Trigara Springs	4/4	Data Not Available from USU									
Willow Flat	3/27	42	17.0	15.0	13.3	3/27	3.30	3.78b	27.78	22.80b	122
OGDEN RIVER											
Beaver Creek-Skunk Creek	3/30	26	11.2	15.4	11.5						
Ben Lomond (lower)	3/31	35	15.3	27.7	14.5	3/31	4.15	3.48	20.89	24.73	84
Ben Lomond Peak*	3/31	81	35.0	52.6	34.9	4/4	Data Not Available from USU				
Ben Lomond Trail	3/31	36	15.5	30.5	14.8b						
Causey Dam						3/30	1.95	2.28a	16.94	14.31a	118
Cutler Creek	3/31	64	29.8	41.8	25.7b						
Dry Bread Pond	3/30	50	19.6	20.4	17.9	3/30	2.65	3.56b	20.10	20.77b	97
Guilder's Peak*	4/4	Data Not Available from USU									
Magpie*	4/4	Data Not Available from USU									
Middle Fork Ogden*	4/4	Data Not Available from USU									
Powder Mountain Hideaway	3/26	85	34.3	- -	- -						
Powder Mountain Sundown	3/26	76	30.4	- -	- -						
Sagebrush Flat	3/30	0	0.0	5.8	1.6	3/30	2.10	2.28b	15.26	14.32b	107

USDA SCS PORTLAND, OREGON 1974 M7-0-22027Y

+ 1958-1972 period.

SNOW	THIS YEAR			PAST RECORD		PRECIPITATION (Inches)					
DRAINAGE BASIN and or SNOW COURSE				Water Content (Inches)		CURRENT INFORMATION			FROM APPROX. OCT. 1 TO DATE		
NAME	Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Last Year	Average +	Date of Reading	Month's Precipitation	Average +	This Year	Average +	Percent of Average
WEBER RIVER											
Beaver Creek Ranger Station	3/24	14	6.1	8.9	7.2						
Chalk Creek #1	3/26	66	24.0	21.4	22.7						
Chalk Creek #2*	3/26	44	15.2	14.4	14.9	4/4	Data Not Available from USU				
Chalk Creek #3	3/26	16	6.4	8.6	7.4	3/26	2.35	2.59a	15.04	12.12a	124
Farmington Canyon (lower)**	3/28	--	21.0a	28.8	22.2						
Farmington Canyon (upper)**	3/28	--	31.2a	34.1	29.5						
Farmington Guard Station						4/3	Not Measured				
Francis Canyon*	4/4	Data Not Available from USU									
Hardscrabble*	4/4	Data Not Available from USU									
HooDoo Knoll*	4/4	Data Not Available from USU									
Horse Ridge**	3/28	--	28.4a	20.6	22.8						
Park City Summit	4/3	114	38.8	37.8	- -						
Parley's Canyon Summit	3/29	50	18.9	19.2	17.9	3/29	2.53a	3.86	23.66	22.02	107
Porcupine*	4/4	Data Not Available from USU									
Redden Mine (lower)	3/26	39	14.7	17.7	17.7						
Redden Mine (upper)	3/26	44	17.8	20.4	19.6	3/26	2.15	3.71a	22.43	19.97a	112
Sargeant Lakes*	4/4	Data Not Available from USU									
Shingle Mill Flat*	4/4	Data Not Available from USU									
Smith & Morehouse	3/24	30	11.3	11.1	12.6	3/24	2.08	3.15	18.71	18.09	103
PROVO RIVER & UTAH LAKE											
Camp Altamont	3/28	19	7.8	19.3	13.1						
Clear Creek Ridge #1	3/26	45	18.8	21.0	18.0						
Clear Creek Ridge #2	3/26	39	14.3	15.7	13.2	3/26	1.00	2.78	- -	15.30	- -
Clear Creek Ridge #3	3/26	7	2.9	8.8	5.5						
Dutchman Ranger Station	3/28	26	12.0	21.4	16.1	3/28	1.55	3.13b	14.83	20.95b	71
Hobble Creek Summit	3/27	25	11.5	16.8	12.4	3/27	1.00	2.78	17.25	16.66	104
Packard Canyon	3/27	15	6.6	12.9	8.2						
Payson Ranger Station	4/4	Measured Delayed									
Rock Bridge	4/4	Measured Delayed									
Soapstone Ranger Station	3/24	28	11.4	9.6	12.0	3/24	1.25	2.47	16.78	15.69	107
South Fork Ranger Station	3/28	0	0.0	11.4	2.9						
Timpanogos Cave Camp	3/28	0	0.0	0.0	.8						
Timpanogos Divide	3/28	44	17.0	28.2	22.5	3/28	2.30	- -	17.45	- -	- -
Trial Lake	3/24	70	25.9	23.1	25.6	3/24	2.10	3.76	23.26	23.02	101
East Shingle Lake	3/26	75	27.8	- -	- -						
JORDAN RIVER & SALT LAKE											
Bevan's Cabin	3/27	29	11.6	27.4	10.0						
Lamb's Canyon	3/28	41	16.1	15.6	14.6						
Lamb's Canyon #2	3/28	39	15.4	16.9	14.5	3/29	2.79a	- -	18.11	- -	- -
Middle Canyon - Tooele	4/1	32	13.2	24.7	13.0	3/31	2.75	3.23b	- -	16.65b	- -
Mill Creek	4/4	Measurement Not Taken									
Mill D South Fork	3/27	45	20.6	20.8	19.4						
Rocky Basin - Settlement Cyn	4/1	63	25.5	47.4	25.3	4/1	2.23	- -	20.57	- -	- -
Silver Lake (Brighton)	3/27	59	23.8	26.1	24.8						
Vernon Creek	3/31	14	4.9	20.0	- -	3/31	1.25	- -	10.69	- -	- -
UPPER SEVIER RIVER (South of Richfield, Utah)											
Box Creek	3/27	39	13.7	17.1	12.3	3/27	1.37	2.65	14.90	13.70	109
Bryce Canyon	3/29	0	0.0	11.3	2.7						
Castle Valley	3/29	20	7.2	18.6	12.2	3/29	1.70	2.69	10.59	14.55	73
Duck Creek Ranger Station	3/28	16	6.4	23.7	12.2	3/27	2.40	3.02b	10.85	17.25b	63
Farview	3/28	0	0.0	17.8	- -						
Harris Flat	3/28	0	0.0	16.8	6.6						
Kimberly Mine	3/25	42	16.7	21.9	15.0	3/25	2.01	4.08	17.82	17.32	103
Midway Valley	3/28	43	15.0	35.9	20.8	3/28	2.35	- -	13.95	- -	- -
Panguitch Lake	3/29	1	0.3	9.3	2.7	3/29	.87	1.24	5.45	7.19	76
Rainbow Point	3/28	0	0.0	14.5	- -						
Squaw Springs	3/27	18	6.9	11.3	6.4						
Widtsoe Escalante #2	3/27	22	6.2	16.0	8.4						
Widtsoe Escalante #3	3/27	28	7.6	20.2	10.2	3/27	1.47	2.23	10.06	12.60	80
Widtsoe Escalante Summit	3/27	11	3.8	13.8	5.9						
Widtsoe Ranger Station						3/27	1.35	- -	3.36	- -	- -

+ 1958-1972 period.

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SNOW	THIS YEAR			PAST RECORD		PRECIPITATION (Inches)					
DRAINAGE BASIN and or SNOW COURSE				Water Content (inches)		CURRENT INFORMATION			FROM APPROX. OCT 1 TO DATE		
NAME	Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Last Year	Average +	Date of Reading	Month's Precipitation	Average +	This Year	Average +	Percent of Average
LOWER SEVIER (Including San Pitch)											
Beaver Dams	3/27	31	13.6	12.8	11.0	3/27	1.05	2.75	17.15	13.27	129
Farnsworth Lake	3/22	63	24.4	26.5	18.5	3/22	3.10	4.34	22.65	19.10	118
G.B.R.C. Headquarters	3/28	46	18.8	20.4	15.9	3/29	1.25	- -	19.80	- -	- -
G.B.R.C. Majors						3/29	.35	- -	10.05	- -	- -
G.B.R.C. Meadows	3/29	66	27.4	27.8	24.7	3/29	1.80	- -	23.53	- -	- -
G.B.R.C. Oaks						3/29	1.20	- -	13.15	- -	- -
Gooseberry Ranger Station	3/22	44	18.4	17.5	11.3	3/22	1.80	- -	15.40	- -	- -
Mammoth R.S.-Ctnwood Crk	3/28	46	20.0	22.5	19.8	3/28	1.40	3.29[b]	17.70	18.64[b]	95
Middle Fork	3/26	66	26.0	27.6	23.3						
Mt. Baldy Ranger Station	3/27	71	27.9	26.6	22.5	3/27	1.55	3.42[b]	20.70	17.28[b]	120
Oak Creek	3/29	31	10.2	- -	- -	3/29	- -	- -	16.41	14.64[a]	112
Pickle Keg Springs	3/25	45	19.0	22.5***	- -						
Pine Creek	3/28	46	20.4	31.3	14.3	3/28	2.85	4.78	28.31	22.42	126
Rees' Flat	3/21	41	15.4	14.6	12.1	3/21	1.10	- -	- -	- -	- -
Shingle Mill	3/28	26	10.1	20.8	8.5b	3/28	2.01	2.98b	17.93	13.71b	131
Thistle Flat	3/26	44	18.5	18.9	15.8						
BEAVER RIVER											
Beaver Canyon Power House						3/31	.93	1.83	9.82	8.90	110
Beaver Race Track	3/25	0	0.0	- -	- -						
Big Flat	3/26	49	15.6	24.1	17.2	3/26	1.38	3.49	14.37	16.39	88
Merchant Valley	3/26	25	9.9	14.7	8.4	3/26	1.25	3.01[a]	13.16	13.83[a]	95
Otter Lake	3/26	42	14.7	19.6	13.9						
PAROWAN CREEK											
Birch Crossing	3/27	10	3.5	10.5	- -						
Brian Head	3/24	51	19.6	28.4	- -						
Ed Ward Flat	3/27	17	6.6	17.1	6.9						
Tall Poles	3/27	35	13.1	19.8	- -	3/27	1.75	3.18[a]	13.75	17.89[a]	77
Yankee Reservoir	3/27	25	8.6	19.8	9.2	3/27	1.30	2.66	12.52	11.79	106
COAL CREEK											
SUSC Ranch	3/28	1	0.3	15.3	5.4[a]						
ENTERPRISE TO NEW HARMONY DRAINAGES											
Little Grassy Creek	3/29	0	0.0	17.9	1.1b	3/29	1.45	1.78b	9.75	13.03b	82
Long Flat	3/29	8	3.4	21.0	4.8b	3/29	.80	2.34b	11.85	10.95b	108
COLORADO RIVER BASIN											
UPPER GREEN RIVER - UTAH											
Ashley Twin Lakes A	4/4	Measurement Delayed									
Black's Fork Junction	3/26	35	11.6	7.5	9.6b	3/26	1.73	2.28b	13.43	11.53b	116
Black's Fork G. S.-East Fork	3/26	32	9.5	7.2	9.7b	3/26	1.87	2.44b	13.49	11.87b	114
Buck Pasture A	4/4	Measurement Delayed									
Burnt Creek	3/22	16	4.4	6.3	- -	3/22	1.25	1.48b	9.50	9.01b	105
Grizzly Ridge	3/20	24	7.2	13.3	- -	3/20	1.45	2.20b	9.65	13.44	72
Henry's Fork A	4/4	Measurement Delayed									
Hewinta G. S.	3/26	36	10.8	8.3	9.9	3/26	2.38	2.55b	15.34	12.50b	123
Hickerson Park	3/22	22	6.9	7.8	6.3b	3/22	1.35	1.64a	10.60	8.29a	128
Highline Trail*	4/4	Data Not Available from USU									
Hole-in-the-Rock G. S.	4/3	Delayed Reading									
Hole-in-the-Rock	4/3	Delayed Reading									
King's Cabin (lower)	3/20	14	4.0	12.2	8.8						
King's Cabin (upper)	3/20	24	6.4	13.7	10.5	3/20	1.10	2.16	7.15	11.26	64
Middle Beaver Creek	4/3	Delayed Reading									
Reynolds Park A	4/4	Data Not Available from USU									
Spirit Lake	3/22	38	10.3	16.6	12.7b	3/22	1.95	2.65b	12.80	14.16b	90
Steel Creek Park	3/26	59	18.9	12.8	16.0b						
Windy Park A	4/4	Data Not Available from USU									
DUCHESNE RIVER											
Atwood Basin A	4/4	Measurement Delayed									
Brown Duck Ridge	3/28	52	15.7	24.8	- -	3/28	- -	- -	15.40	- -	- -
Chepeta-Whiterocks Lakes A	4/4	Measurement Delayed									

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+ 1958-1972 period.

SNOW / PRECIPITATION (Inches)

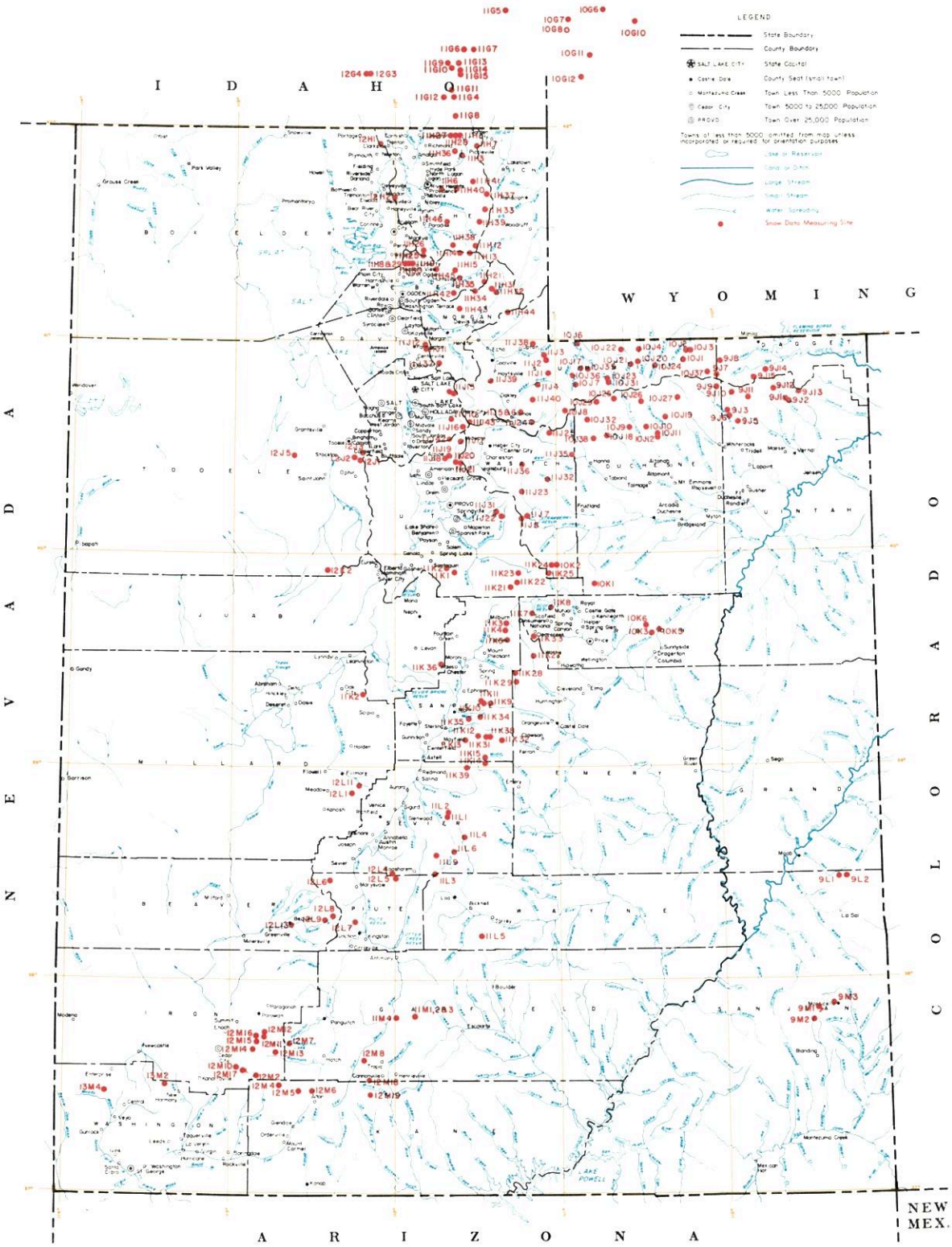
DRAINAGE BASIN and/or SNOW COURSE NAME	THIS YEAR: Date of Survey	THIS YEAR: Snow Depth (Inches)	THIS YEAR: Water Content (Inches)	PAST RECORD: Water Content (inches): Last Year	PAST RECORD: Water Content (inches): Average +	CURRENT INFORMATION: Date of Reading	CURRENT INFORMATION: Month's Precipitation	CURRENT INFORMATION: Average +	FROM APPROX. OCT. 1 TO DATE: This Year	FROM APPROX. OCT. 1 TO DATE: Average +	FROM APPROX. OCT. 1 TO DATE: Percent of Average
DUCHESNE RIVER (continued)											
Currant Creek	4/1	14	5.6	10.2	8.4	4/1	- -	- -	8.97	13.62	66
Daniels-Strawberry Summit	3/28	28	11.8	16.3	14.2	3/28	1.23	3.01	16.13	17.61	92
East Portal	3/30	24	11.0	12.6	10.8	3/30	1.35	2.49b	16.86	18.17b	93
Five Point Lake A	4/4	Measurement Delayed									
Indian Canyon	3/25	25	7.6	15.2	12.5	3/25	.78	2.03b	8.39	13.28b	63
Jackson Park	3/27	34	8.4	- -	12.3	3/27	- -	- -	10.42	12.80a	81
Julius Park	3/31	Course Destroyed				3/21	1.20	1.88b	8.50	12.84b	66
Lakefork Basin A	4/4	Measurement Delayed									
Lakefork Mountain	3/26	29	8.4	12.7	11.1	3/26	1.19	2.02	10.78	12.24	88
Lakefork Mountain #2	3/26	9	3.3	9.1	7.4						
Lakefork Mountain #3	3/26	5	1.6	7.6	5.8						
Lightning Lake A	4/4	Measurement Delayed									
Mosby Mountain	3/21	20	5.6	9.8	9.8	3/21	.84	1.67a	7.79	10.83a	72
Paradise Park	3/21	28	7.8	13.4	12.0	3/21	1.67	1.94b	9.22	14.89b	62
Rock Creek	3/29	11	3.7	8.0	6.1	3/29	- -	- -	8.69	- -	- -
Strawberry Divide	3/30	47	17.9	19.6	18.9						
PRICE RIVER											
Corral	4/3	14	4.9	12.9	7.3b						
Dry Valley Divide	3/28	16	6.6	13.0	9.2						
Gooseberry Reservoir	3/28	43	18.2	22.6	19.1	3/28	1.40	3.18	19.38	18.18	107
Grassy Trail-Left Fork	4/3	15	4.9	14.2	8.8b						
Jones Ranch	3/28	8	3.0	8.4	5.3						
Mud Creek #2	3/28	26	9.8	15.0	12.6	3/28	1.22	2.60b	12.92	14.20b	91
Timberline	4/3	37	9.2	19.4	14.1b						
White River #1	3/29	35	13.5	14.3	12.6	4/1	1.42	2.41	14.88	14.28	104
White River #2	3/29	15	6.7	8.6	7.5						
White River #3	3/29	8	2.7	9.3	6.5						
SAN RAFAEL RIVER											
Buck Flat	3/27	46	18.3	16.9	16.2	3/27	1.90	3.01	18.50	17.30	107
Huntington-Horseshoe	3/28	52	21.8	26.2	23.7b						
Orange Olsen	3/29	0	0.0	5.1	- -	3/29	.45	1.05a	6.20	8.98a	69
Red Pine Ridge	3/29	44	16.8	16.1	17.1b	3/29	1.85	3.49	20.35	20.31	100
Rush Pond	3/27	40	14.0	15.8	13.6						
Seeley Creek	3/28	43	17.0	24.4	15.7						
Stuart Ranger Station	3/29	15	5.4	10.0	7.0	3/29	- -	- -	11.15	12.16	92
Upper Joe's Valley	3/29	26	9.5	10.2	9.7						
Wrigley Creek	3/27	31	11.2	13.3	10.9						
MUDDY RIVER											
Black's Fork	3/26	40	15.1	15.7	13.2						
Dill's Camp	3/26	40	14.8	14.4	11.8	3/26	1.45	- -	15.85	14.33a	111
FREMONT RIVER											
Black's Flat-U.M. Creek	3/25	38	13.2	13.2	10.5	3/25	1.76	2.81	14.11	12.15	116
Donkey Reservoir	3/26	19	5.0	14.2	7.2						
Fish Lake	3/25	30	10.9	11.4	5.8	3/25	.97	1.82b	9.32	9.36b	100
Johnson Valley	3/25	27	9.2	10.0	6.3						
MILL CREEK											
LaSal Mountain (lower)	3/25	22	8.5	13.8	9.0						
LaSal Mountain (upper)	3/25	44	16.7	20.8	15.7	3/25	.70	3.41b	12.35	15.67b	79
SAN JUAN RIVER											
Buckboard Flat	3/26	21	7.7	20.7	11.8	3/26	1.30	3.02	12.05	18.02	67
Camp Jackson	3/26	20	8.3	19.8	11.2	3/26	1.10	2.52b	11.65	15.92b	73
Monticello City Park	3/26	0	0.0	- -	- -						
VIRGIN RIVER											
Long Valley Junction	3/24	0	0.0	11.9	2.1						
Webster Flat	3/28	31	11.9	28.4	15.3	3/28	2.60	3.60	- -	19.27	- -
Kolob-Crystal	4/1	46	17.5	33.7	- -						

a - Partly Estimated
b - Average of all past record - less than 15 years
** - SCS Radio Reading

* - USU-SCS Cooperative Radio Reading
+ - 1958-72 Average
A - Aerial Reading

+ 1958-1972 period.

USDA SCS PORTLAND, OREGON 1974 M7-0-22027Y



SNOW COURSES AND RELATED DATA MEASURING SITES

UTAH

1974

USGS National Atlas 1:1,000,000 Albers Equal-Area projection (1967) used as source for base map and adapted for SCS use.

SCALE 1:1,500,000

ALBERS EQUAL AREA PROJECTION

INDEX TO UTAH, BEAR & UPPER COLORADO RIVER BASINS

GREAT BASIN DRAINAGE

NO.	STATE	NAME	SEC.	TWP.	RGE.	ELEV.
		UPPER BEAR RIVER (above Harer, Idaho)				
10G11	W	Big Park	7	27N	117W	8,700
10J6P	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
10J7P	U	Hayden Fork	25	1N	9E	9,400
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)				
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 Mountain	29	14N	2W	6,300
11G12	I	Cub River Ranger Station	5	15S	41E	5,400
11H33P	U	Curtis Creek	12	10N	4E	8,450
11H39p	U	Deer Springs	34	10N	4E	8,400
11G14a	I	Dry Basin	30	13S	42E	7,900
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
11G8MP	I	Franklin Basin	1	16S	41E	8,000
11H7MP	U	Garden City Summit	34 & 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	8,240
11H26	U	Little Bear (lower)	15	8N	1E	6,000
11H25P	U	Little Bear (upper)	22	8N	1E	6,550
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
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
		OGDEN RIVER				
11H14M	U	Beaver Creek-Skunk Creek	22	8N	3E	7,150
11H8P*	U	Ben Lomond Peak	3	7N	1W	8,000
11H9P	U	Ben Lomond (lower)	1	7N	1W	6,000
11H30P	U	Ben Lomond Trail	2	7N	1W	6,000
11H35p	U	Causey Dam	34	7N	3E	5,500
11H29	U	Cutler Creek	3	7N	1W	6,780
11H13MP	U	Dry Beard 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
11H15P	U	Sagebrush Flat	21	7N	3E	6,300
		WEBER RIVER				
11J24	U	Beaver Creek R.S.	28	2S	7E	7,500
11J1P	U	Chalk Creek #1	4	1N	8E	9,100
11J2MP	U	Chalk Creek #2	17 & 20	2N	8E	7,900
11J3MP	U	Chalk Creek #3	7	2N	8E	7,500
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
11H21PT	U	Horse Ridge	1	6N	4E	8,260
11H31P	U	Kilfore Creek	20	6N	5E	7,300
11H32P	U	Lost Creek	27	6N	5E	6,125
11J43	U	Park City Smt.	20	2S	4E	9,300
11J15PTS*	U	Parley's Canyon Summit	5	1S	3E	7,500
11J38p	U	Porcupine	22	3N	7E	8,100
11J6	U	Redden Mine (lower)	1	2S	6E	8,500
11J5P	U	Redden 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
11J4P	U	Smith & Morehouse	25	1N	7E	7,600
		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 #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	27	7S	5E	7,420
11J36P	U	Lake Creek	36	4S	6E	9,100
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
11J18P	U	Timpanogos Cave Camp	27	4S	2E	5,500
1[illegible]	U	Timpanogos Divide	33	4S	3E	8,140
[illegible]	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
11J41P	U	Lamb's Canyon #2	21	1S	3E	7,400
12J3P	U	Middle Canyon	8	4S	3W	7,000
11J10	U	Mill D South Fork	18	2S	3E	7,400
12J1P	U	Rocky Basin-Settlement Canyon	30	4S	3W	8,900
11J16P	U	Silver Lake (Brighton)	35	2S	3E	8,725
11J42	U	Snow Bird (Gad Valley)	18	3S	3E	10,000
12K2P	U	Vernon Creek	21	10S	5W	7,500
		UPPER SEVIER RIVER (South of Richfield, Utah)				
12L4P	U	Box Creek	33	26S	2W	9,800
12M8	U	Bryce Canyon	36	36S	4W	8,000
12M13P	U	Castle Valley	23	36S	8W	9,700
12M4P	U	Duck Creek R.S.	11	38S	8W	8,700
12M1B	U	Farview	32	37S	4W	8,200
12M5	U	Harris Flat	24	38S	7W	7,700
11L9P	U	High-Top Mountain	36	25S	1E	11,400
12L6P	U	Kimberly Mine	11	27S	5W	9,300
12M2M	U	Midway Valley	26	37S	9W	9,800
12M7P	U	Panguitch Lake	4 & 5	36S	7W	8,200
12M19	U	Rainbow Point	29	38S	4W	9,100
12L5	U	Squaw Springs	3	27S	2W	9,300
11M4P	U	Widtsoe R.S.	22	34S	2W	7,600
		LOWER SEVIER RIVER (Including San Pitch River)				
11K13P	U	Beaver Dam	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
11L2P	U	Gooseberry R.S.	22	23S	2E	8,400
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
11K39PT	U	Pickle Keg Springs	4	21S	3E	9,600
12L1P	U	Pine Creek	24	22S	4W	8,700
11K36	U	Rees's Flat	20	15S	2E	7,300
12L11P	U	Shingle Mill	5	22S	3W	6,200
11K35	U	Thistle Flat	23	18S	3E	8,500
		BEAVER RIVER				
12L13	U	Beaver Race Track	23	29S	7W	6,020
12L7PT	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
		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	9W	8,300
12M15P	U	Tall Poles	26 & 35	35S	9W	8,800
12M11P	U	Yankee Reservoir	20	35S	8W	8,700
		COAL CREEK				
12M17	U	CSU Ranch	18	37S	9W	8,200
12M10	U	Urie Flat	11	37S	10W	8,450
		ENTERPRISE TO NEW HARMONY DRAINAGES				
13M4MP	U	Little Grassy Creek	15	38S	17W	6,100
13M2MP	U	Long Flat	2	38S	14W	8,000

COLORADO RIVER DRAINAGE

NO.	STATE	NAME	SEC.	TWP.	RGE.	ELEV.
		UPPER GREEN RIVER IN UTAH (above Duchesne River)				
9J11aP	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
10J24ap	U	Henry's Fork	29	2N	14E	10,000
10J4P	U	Hewinta G.S.	33	3N	13E	9,500
9J8P	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
9J10aP	U	Reynolds Park	9	1S	18E	10,400
9J7P	U	Spirit Lake	10	1N	17E	10,300
10J20p	U	Steel Creek Park	17	2N	13E	9,900
10J31P	U	Tokewanna Peak	23	1N	11E	9,800
9J12ap	U	Windy Park	1	1S	20E	9,400
		DUCHESNE RIVER				
10J27ap	U	Atwood Basin	21	1S	15E	10,250
10J9P	U	Brown Duck Lake	2	2N	6W	10,300
9J14P	U	Burnt Creek	4	1N	20E	7,900
9J9ap	U	Chepeta-Whiterocks Lakes	3	1S	17E	10,300
11J32MP	U	Currant Creek	31	1S	10W	7,800
10J26ap	U	Five Point Lake	28	4N	5W	11,000
9J13P	U	Grizzley Ridge	8	1S	22E	8,500
10K1P	U	Indian Canyon	2	11S	10E	9,100
10J19P	U	Jackson Park	23	3N	4W	11,300
9J6P	U	Julius Park	20	3N	1E	9,800
10J38P	U	Lake Basin	23	3S	8W	10,800
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
10J29p	U	Lightning Lake	24	4N	8W	10,950
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
10J32P	U	Shadow Lake	28	3N	8W	10,150
11J35P	U	West Fork of the Duchesne	22	1N	19E	10,250
		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
11K7	U	Jones Ranch	32	12S	7E	7,600
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
10K2MP	U	Rush Pond	24	19S	4E	9,800
11K9	U	Seeley Creek	25	17S	4E	10,000
11K27P	U	Stuart R.S.	8 & 9	15S	7E	7,950
11K29	U	Upper Joe's Valley	21	16S	6E	8,900
11K32	U	Wrigley Creek	27	19S	5E	9,000
		MUDDY RIVER				
11K14	U	Black's Fork	34	20S	4E	9,200
11K15P	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
11L3P	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
9M3	U	Monticello Park	25	33S	23E	7,050
		ESCALANTE RIVER				
11M1	U	Widtsoe-Escalante Summit	22	34S	1W	9,500
11M2PT	U	Widtsoe-Escalante #2	22	34S	1W	9,500
11M3P	U	Widtsoe-Escalante #3	22	34S	1W	9,500
		VIRGIN RIVER				
12M6	U	Long Valley Junction	22	38S	6W	7,500
12M3MPT	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
*	Adjacent Drainage

WATER SUPPLY OUTLOOK FOR UTAH

U. S. DEPARTMENT of AGRICULTURE ★ SOIL CONSERVATION SERVICE

Collaborating with

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

AS OF
MAY 1, 1974

Data included in this report were obtained by the agencies named above in cooperation with Federal, State and private organizations listed inside the back cover of this report.

WATER SUPPLY OUTLOOK FOR UTAH

and

FEDERAL - STATE - PRIVATE COOPERATIVE SNOW SURVEYS

Issued by

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ADMINISTRATOR
SOIL CONSERVATION SERVICE
WASHINGTON, D.C.

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SALT LAKE CITY, UTAH

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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

SOIL CONSERVATION SERVICE
SNOW SURVEY SECTION
FEDERAL BLDG., ROOM 4012
SALT LAKE CITY, UTAH 84138

USDA-SCS-PORTLAND, OREG. 1974 M7-L-22027B

PROSPECTIVE WATER SUPPLIES

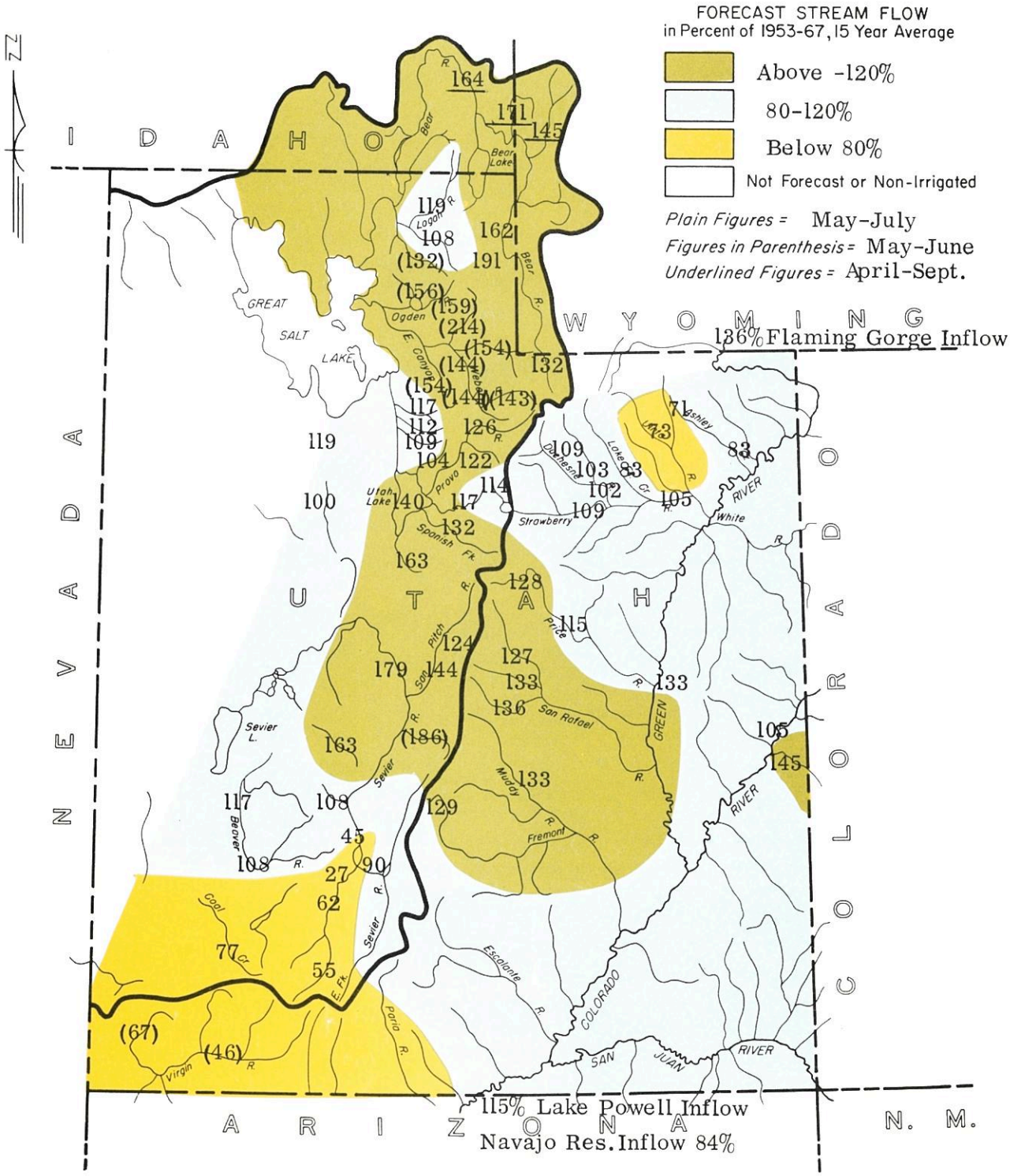
Based on Snow Surveys Made on UTAH and BEAR RIVER WATERSHEDS

May 1, 1974

Approximate Date

50 0 50 100

SCALE IN MILES



WATER SUPPLY OUTLOOK

as of
May 1, 1974

* *
* The 1974 Water Supply Outlook ranges from well below average *
* in southern Utah to well above average in northern Utah. Snow *
* cover ranges from 18% to 206% of the May 1 average. Reservoir *
* storage is 128% of average and streamflow forecasts range from *
* 27% of average on the Sevier at Kingston to 214% on Lost Creek *
* at Croydon for the May-July period. *
* *

SNOW COVER

Snow cover now ranges from 18% of the May 1 average on the Blue Mountains above Monticello and Blanding to 206% on Chalk Creek above Fillmore. The Uintah Basin improved during April but is still low at 42% of the May 1 average on Lakefork and Yellowstone drainages to 99% on Ashley-Brush Creeks. Bear River is now 124% of average and the Weber River is 133%. Utah Lake drainage is 127% of average, Price River 101%, San Rafael 127%, Beaver River 126%, the East Fork Sevier 103%, and the South Fork Sevier 72% of the May 1 average. Virgin River snow cover is 57% of average and Coal Creek is 62% of average. The San Pitch and Salina Creeks are 147% of the May 1 average.

PRECIPITATION

Mountain precipitation stations generally indicated well above average catch during April except for the head waters of the Sevier and Virgin Rivers had half average to about average precipitation. The head waters of the Weber, Bear, and Provo had twice average precipitation and most of it fell as snow. Precipitation was about twice average on the north slope of the Uintahs and average to 1½ times average on the south side of the Uintahs. Logan River and Little Bear stations showed 65% and 45% of the April average and most other mountain stations had average to 75% above average for the month.

RESERVOIR STORAGE

Storage in 24 of Utah's reservoirs (excluding Colorado River Project Reservoirs) is 128% of the May average for the 1958-72 period and 89% of usable capacity. Most reservoirs are full or are expected to fill as Spring runoff progresses.

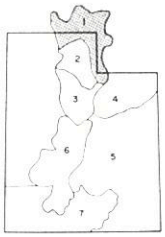
STREAMFLOW FORECASTS

Forecasts of streamflow have generally been increased by a cool April and better than average increases to the snow pack during the month. Forecasts now range from 27% of average on the South Fork Sevier at Kingston to 214% of average on Lost Creek near Croydon. Most areas of the state have reservoir storage to compliment expected streamflow to produce adequate or better than adequate water supplies. The Upper Sevier and Virgin Rivers are the exceptions where mid and late season shortages can be expected unless above average precipitation occurs during the remainder of the season.

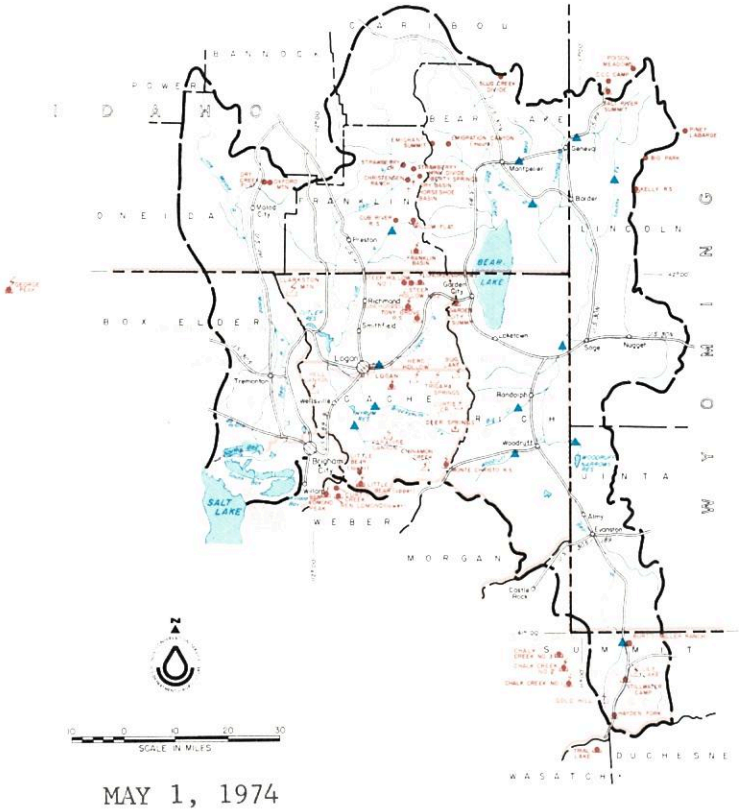
USDA SCS PORTLAND OREG 1983

WATER SUPPLY OUTLOOK
BEAR RIVER BASIN in UTAH

UNITED STATES DEPARTMENT OF AGRICULTURE - SOIL CONSERVATION SERVICE
UTAH STATE DEPARTMENT OF NATURAL RESOURCES - DIVISION OF WATER RIGHTS



WATERSHED LOCATION



MAY 1, 1974

THE WATER SUPPLY OUTLOOK IS ABOVE AVERAGE

SNOW COVER ranges from 121% of the May 1 average on the upper Bear to 129% on the lower Bear. Logan River is 126% of average.

PRECIPITATION at mountain stations varied from better than twice average on the upper Bear to about half average at some stations on the lower Bear.

RESERVOIR STORAGE is 111% of the May 1 average and 4% better than last May 1.

STREAMFLOW FORECASTS range from 108% of the April-July average on Blacksmith Fork to 191% on Big Creek near Randolph. Maximum mean daily peak flows are expected to range from near average on Logan River to as high as twice average on Big Creek assuming normal temperatures and precipitation.

Report prepared by
BOB L. WHALEY
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FEDERAL BLDG. ROOM 4012 - SALT LAKE CITY, UTAH 84138

BEAR RIVER BASIN in UTAH

STREAMFLOW FORECASTS

BASIN, STREAM and/or FORECAST POINT	THIS YEAR FORECAST Thousand Acre Feet	THIS YEAR FORECAST Percent of Average	FORECAST PERIOD	PAST RECORD THOUSAND ACRE FEET Last Year	PAST RECORD THOUSAND ACRE FEET Average +
BEAR RIVER					
Bear at Harer, Idaho[1]	350	164	May-Sept	- -	214
Bear nr Randolph	125	162	May-July	- -	77
Bear nr Ut-Wyo. State Line	140	132	May-July	- -	106
Bear nr Woodruff	155	144	May-July	- -	108
Big Crk nr Randolph, Utah	6.5	191	May-July	- -	3.4[b]
Blacksmith Fork nr Hyrum	40	108	May-July	- -	35
Little Bear nr Paradise	29	132	May-June	- -	22
Logan nr Logan[1]	117	119	May-July	- -	98
Smith's Fork nr Border, Wyo.	168	145	Apr-Sept	- -	116
Thomas Fork nr Ut-Wyo Border	55	171	Apr-Sept	- -	32
Woodruff Crk nr Woodruff, Ut	17.2	131	May-July	- -	13.1[b]

1 - Observed flow corrected for change in storage and diversions
b - Average of all past record - less than 15 years

SUMMARY of SNOW MEASUREMENTS

RIVER BASIN and/or SUB-WATERSHED	Number of Courses Averaged	THIS YEAR AS A PERCENT OF Last Year	THIS YEAR AS A PERCENT OF Average
UPPER BEAR RIVER	10	125	121
LOWER BEAR RIVER	10	108	129
LOGAN RIVER	5	130	126
BEAR RIVER	20	117	124

RESERVOIR STORAGE (Thousand Acre Feet) MID-MONTH READING

Basin or Stream	RESERVOIR	Usable Capacity	Usable Storage This Year	Usable Storage Last Year	Usable Storage Average+
BEAR RIVER	Bear Lake	1421.0	1155.8	1126.6	1040.0
	Woodruff Narrows	26.5	26.5	26.5	26.3
LITTLE BEAR	Hyrum	15.3	11.8	11.8	14.2
	Porcupine	11.3	11.3	7.3	9.8

PEAK FLOWS

FORECAST POINT	PEAK FLOW (SECOND FEET) Forecast Range	PEAK FLOW (SECOND FEET) Average +
Big Creek near Randolph	50-90	41b
Little Bear nr Paradise	400-550	473
Logan River near Logan	1100-1300	984
Woodruff Creek near Woodruff	220-390	240

+ - 1958-72 Average

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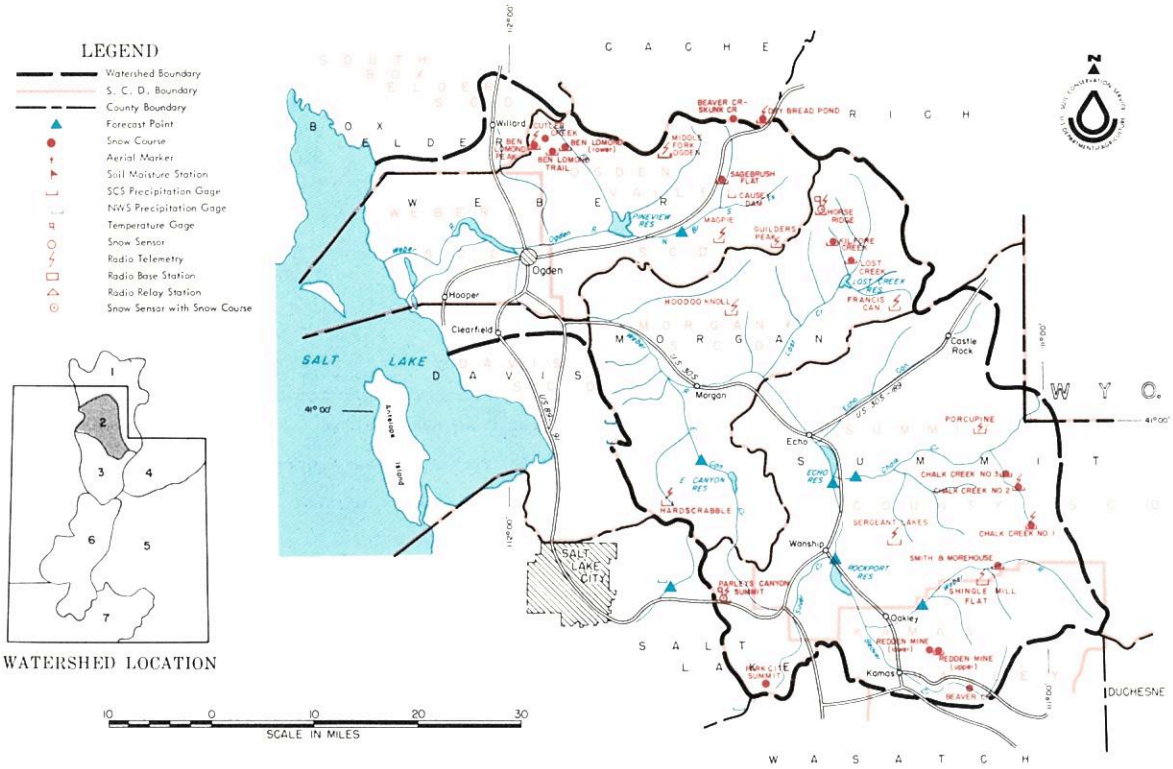
WATER SUPPLY OUTLOOK

WEBER-OGDEN WATERSHEDS in UTAH

UNITED STATES DEPARTMENT OF AGRICULTURE-SOIL CONSERVATION SERVICE
UTAH STATE DEPARTMENT OF NATURAL RESOURCES-DIVISION OF WATER RIGHTS



MAY 1, 1974

THE WATER SUPPLY OUTLOOK IS ABOVE AVERAGE

SNOW COVER on all snow courses average 104% of the May 1 average on the Ogden and 133% of average on the Weber.

PRECIPITATION at mountain stations range from 111% to 122% on the Ogden and from 138% to 222% on the Weber for April. Cool weather allowed most precipitation to accumulate as snow.

RESERVOIR STORAGE is 136% of average and 128% of last year on the Ogden, 113% of average and 98% of last year on the Weber.

STREAMFLOW FORECASTS for the May-June period have increased over last month and now range from 143% of average on the Weber at Oakley to 214% of average on Lost Creek at Croydon. Maximum mean daily peak flows are expected to range as high as twice average on Chalk Creek and Lost Creek.

Report prepared by
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USDA-SCS-PORTLAND, OREG. (4-71) M7-0-22027-2-L

WEBER-OGDEN WATERSHEDS in UTAH

STREAMFLOW FORECASTS

BASIN, STREAM and/or FORECAST POINT	THIS YEAR FORECAST Thousand Acre Feet	THIS YEAR FORECAST Percent of Average	FORECAST PERIOD	PAST RECORD THOUSAND ACRE FEET Last Year	PAST RECORD THOUSAND ACRE FEET Average †
WEBER-OGDEN RIVERS					
Chalk Creek at Coalville	40	154	May-June	- -	26
East Canyon Crk nr Morgan[1]	20	154	May-June	- -	13
Hardscrabble Crk nr Portervlle	18.0	161	May-June	- -	11.2
Lost Crk nr Croydon, Utah	15.0	214	May-June	- -	7.0
Pineview Reservoir Inflow[2]	100	156	May-June	- -	64
South Fork Ogden nr Huntsvlle	54	159	May-June	- -	34
Rockport Reservoir Inflow[1]	134	144	May-June	- -	93
Weber nr Coalville[1]	135	144	May-June	- -	94
Weber nr Oakley	130	143	May-June	- -	91

1 - Observed flow corrected for change in storage and diversions
2 - Inflow record as computed by U. S. Bureau of Reclamation
b - Average of all past record - less than 15 years

SUMMARY of SNOW MEASUREMENTS

RIVER BASIN and or SUB-WATERSHED	Number of Courses Averaged	THIS YEAR AS A PERCENT OF Last Year	THIS YEAR AS A PERCENT OF Average
OGDEN RIVER	7	54	104
WEBER RIVER	11	111	133

RESERVOIR STORAGE (Thousand Acre Feet) MID-MONTH READING

Basin or Stream	RESERVOIR	Usable Capacity	Usable Storage This Year	Usable Storage Last Year	Usable Storage Average†
OGDEN	Causey	6.9	2.3	0.7	2.5
	Pineview	110.1	93.6	73.7	67.8
WEBER	East Canyon	48.1	45.1	46.4	25.6
	Echo	73.9	47.4	54.8	53.9
	Lost Creek	20.0	16.1	13.3	11.3
	Rockport	60.9	52.4	38.1	30.5
	Willard Bay	193.3	159.1	175.4	161.7

+ - 1958-72 Average

PEAK FLOWS

FORECAST POINT	PEAK FLOW (SECOND FEET) Forecast Range	PEAK FLOW (SECOND FEET) Average †
Lost Creek near Croydon	260-400	206b
South Fork Ogden near Huntsville	750-1150	697
Chalk Creek near Coalville	500-800	373

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WATER SUPPLY OUTLOOK
UTAH LAKE, JORDAN RIVER and TOOELE VALLEY WATERSHEDS in UTAH

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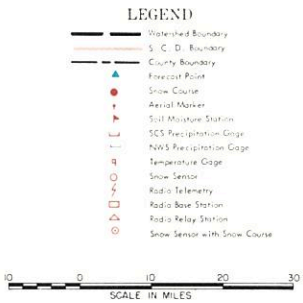
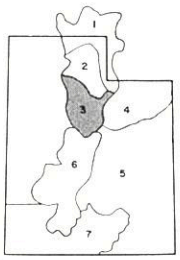
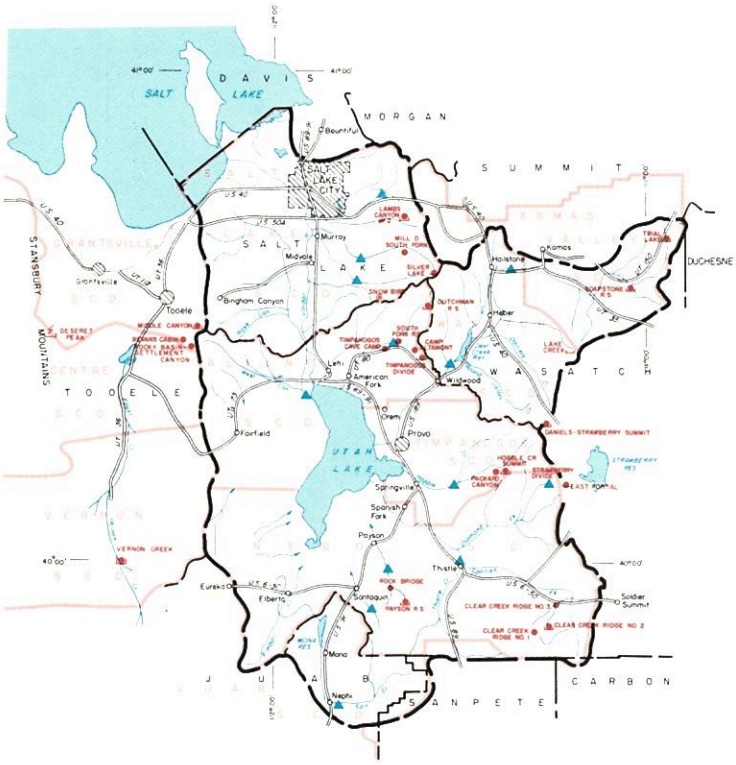
UTAH STATE DEPARTMENT OF NATURAL RESOURCES - DIVISION OF WATER RIGHTS





WATERSHED LOCATION



MAY 1, 1974

THE WATER SUPPLY OUTLOOK IS AVERAGE TO ABOVE AVERAGE

SNOW COVER varies from 127% of average on Provo-Utah Lake drainages to 161% for Tooele Valley drainages. Jordan River tributaries above Salt Lake are now 145% of the May 1 average after a month of heavy increases to the snow pack.

PRECIPITATION at mountain stations varied from 98% of average at Timpanogos Divide on American Fork to 228% at Trial Lake on the Provo.

RESERVOIR STORAGE is 154% of the May 1 average and 17% better than a year ago. Utah Lake is above compromise and has been spilling most of the winter.

STREAMFLOW FORECASTS have been increased after good increases to the snow pack and now range from average for Vernon Creek to 163% of average for Payson Creek for the May-July period. Utah Lake Inflow is forecast at 200,000 acre-feet (140%) and Strawberry Reservoir Inflow at 40,000 acre-feet (114%). An adequate water supply is expected for all water users.

Report prepared by
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USDA-SCS-PORTLAND, OREG. 1971 M7-0-22027-3-L

UTAH LAKE, JORDAN RIVER and TOOELE VALLEY WATERSHEDS in UTAH

STREAMFLOW FORECASTS

BASIN, STREAM and/or FORECAST POINT	THIS YEAR FORECAST Thousand Acre Feet	THIS YEAR FORECAST Percent of Average	FORECAST PERIOD	PAST RECORD THOUSAND ACRE FEET Last Year	PAST RECORD THOUSAND ACRE FEET Average +
PROVO RIVER & UTAH LAKE					
American Fork nr American Frk	27	104	May-July	- -	26
Hobble Creek nr Springville	14.0	117	May-July	- -	12
Provo nr Hailstone[1]	108	126	May-July	- -	86
Provo below Deer Creek Dam[1]	110	122	May-July	- -	90
Spanish Fork at Thistle	33	132	May-July	- -	25
Strawberry Reservoir Inflow[1]	40	114	May-July	- -	35
Utah Lake Inflow	200	140	May-July	- -	143
Payson Creek nr Payson	8.3	163	May-July	- -	5.1[b]
JORDAN RIVER & SALT LAKE					
Big Cottonwood nr SLC	36	112	May-July	- -	32
Farmington Crk nr Farmington	7.2	114	May-July	- -	6.5
Little Cottonwood Crk nr SLC	34	109	May-July	- -	32
Parley's Creek nr SLC	11.0	117	May-July	- -	9.4
TOOELE VALLEY					
Settlement Creek nr Tooele	2.5	119	May-July	- -	2.1[b]
Vernon Creek nr Vernon	0.4	100	May-July	- -	0.4[b]

1 - Observed flow corrected for change in storage and diversions
b - Average of all past record - less than 15 years

SUMMARY of SNOW MEASUREMENTS

RIVER BASIN and or SUB-WATERSHED	Number of Courses Averaged	THIS YEAR AS A PERCENT OF Last Year	THIS YEAR AS A PERCENT OF Average
PROVO RIVER & UTAH LAKE	12	71	127
JORDAN RIVER	6	81	145
TOOELE VALLEY	3	64	161

RESERVOIR STORAGE (Thousand Acre Feet) MID-MONTH READING

Basin or Stream	RESERVOIR	Usable Capacity	Usable Storage This Year	Usable Storage Last Year	Usable Storage Average+
SPANISH FORK	Strawberry	270.0	227.2	190.0	129.3
UTAH LAKE	Utah Lake	883.9	931.9	874.3	667.7
PROVO RIVER	Deer Creek	149.7	129.6	125.9	103.5
SETTLEMENT CREEK	Settlement Creek	1.2	1.2	- -	- -

+ - 1958-72 Average

PEAK FLOWS

FORECAST POINT	PEAK FLOW (SECOND FEET) Forecast Range	PEAK FLOW (SECOND FEET) Average +
Hobble Creek near Springville	200-350	210
Spanish Fork near Thistle	350-550	365

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WATER SUPPLY OUTLOOK

UINTAH BASIN and DAGGETT SCD's in UTAH

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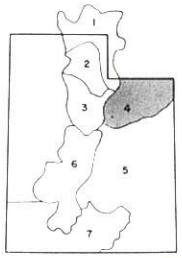
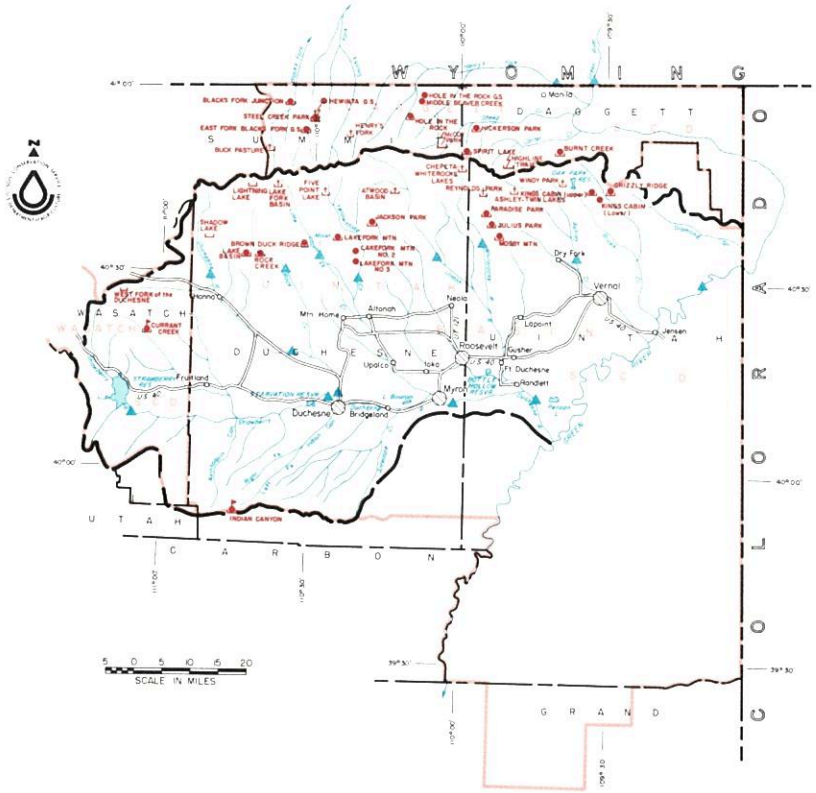
UTAH STATE DEPARTMENT OF NATURAL RESOURCES - DIVISION OF WATER RIGHTS



WATERSHED LOCATION



MAY 1, 1974

THE WATER SUPPLY OUTLOOK IS NEAR AVERAGE

SNOW COVER varies from 42% of average on the Lakefork-Yellowstone drainages to 159% on Daniels Summit at the head of the Strawberry drainage.

PRECIPITATION at mountain stations ranged from 91% of the April average at Indian Canyon to 200% at Daniels Summit.

RESERVOIR STORAGE is well above average.

STREAMFLOW FORECASTS range from 71% of the May-July average on Whiterocks River to 109% on Strawberry at Duchesne and Duchesne at Tabiona and 110% at Randlett. Ashley Creek is now forecast at 83% of the May-July average. The Inflow to Flaming Gorge is expected to be 136% of the April-July average for the 1958-72 period. Some late season water supply shortages are expected on streams without adequate storage.

Report prepared by
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UINTAH BASIN and DAGGETT SCD's in UTAH

STREAMFLOW FORECASTS

BASIN, STREAM and/or FORECAST POINT	THIS YEAR FORECAST Thousand Acre Feet	THIS YEAR FORECAST Percent of Average	FORECAST PERIOD	PAST RECORD THOUSAND ACRE FEET Last Year	PAST RECORD THOUSAND ACRE FEET Average +
DUCHESNE RIVER					
Duchesne nr Tabiona[1]	102	109	May-July	- -	94
Duchesne at Duchesne[1]	174	102	May-July	- -	170
Duchesne at Myton[1]	195	105	May-July	- -	185
Duchesne at Randlett[1]	220	110	May-July	- -	200
Lakefork below Moon Lake[1]	55	83	May-July	- -	66
Rock Creek nr Mtn. Home	93	103	May-July	- -	90
Strawberry at Duchesne	50	109	May-July	- -	46
Uinta nr Neola	61	73	May-July	- -	83
Whiterocks nr Whiterock	40	71	May-July	- -	56
Yellowstone nr Altonah	45	74	May-July	- -	61
FLAMING GORGE TO DUCHESNE RIVER					
Ashley Creek nr Vernal	40	83	May-July	- -	48
Henry's Fork at Linwood	55	122	Apr-Sept	- -	45
Flaming Gorge Inflow[1]	1603	136	Apr-July	- -	1174

1 - Observed flow corrected for change in storage and diversions
b - Average of all past record - less than 15 years

SUMMARY of SNOW MEASUREMENTS

RIVER BASIN and/or SUB-WATERSHED	Number of Courses Averaged	THIS YEAR AS A PERCENT OF Last Year	THIS YEAR AS A PERCENT OF Average
DUCHESNE RIVER	9	37	65
STRAWBERRY RIVER	1	86	159
LAKEFORK-YELLOWSTONE	3	22	42
UINTAH-WHITEROCKS	2	49	73
ASHLEY-BRUSH CREEKS	2	51	99

RESERVOIR STORAGE (Thousand Acre Feet) MID-MONTH READING

Basin or Stream	RESERVOIR	Usable Capacity	Usable Storage This Year	Usable Storage Last Year	Usable Storage Average+
ASHLEY CREEK	Steinaker	33.3	29.4	30.7	22.6
GREEN RIVER	Flaming Gorge	3749.0	3178.0	3063.0	1629.0
LAKE FORK	Moon Lake	35.8	25.9	20.9	19.0
STRAWBERRY	Starvation	165.3	110.2	121.1	- -
UINTAH	Bottle Hollow	11.3	10.3	11.0	- -

PEAK FLOWS

FORECAST POINT	PEAK FLOW (SECOND FEET) Forecast Range	PEAK FLOW (SECOND FEET) Average +
Ashley Creek near Vernal	500-1050	906
Strawberry at Duchesne	450-850	628

+ - 1958-72 Average
a - Partly Estimated

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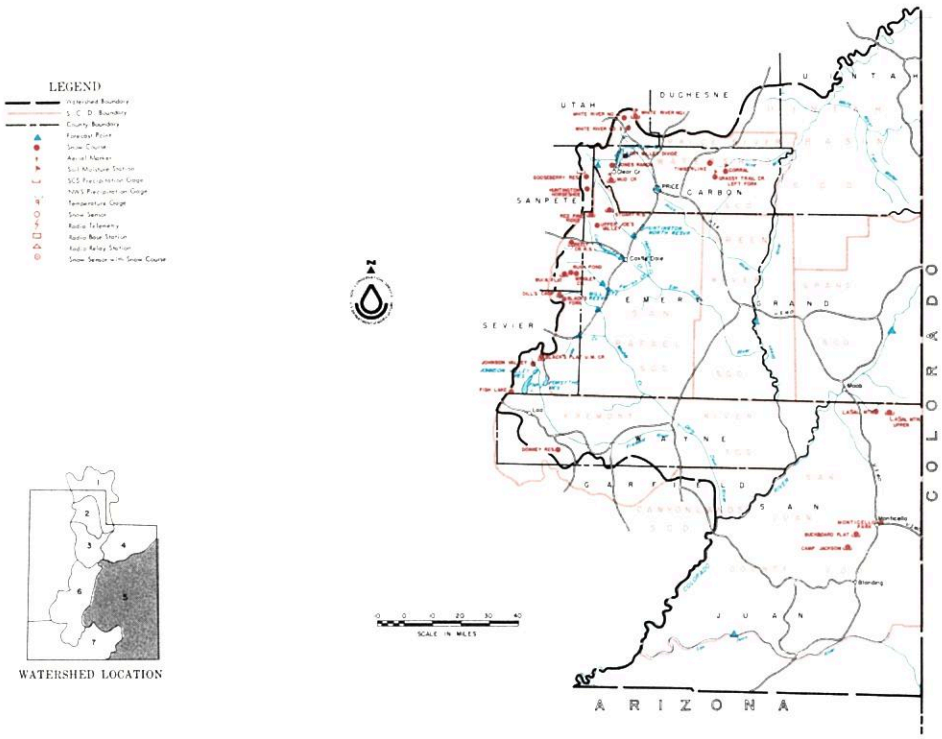
WATER SUPPLY OUTLOOK
CARBON, EMERY, WAYNE, GRAND and SAN JUAN COUNTIES in UTAH

UNITED STATES DEPARTMENT OF AGRICULTURE-SOIL CONSERVATION SERVICE
UTAH STATE DEPARTMENT OF NATURAL RESOURCES-DIVISION OF WATER RIGHTS



MAY 1, 1974

THE WATER SUPPLY OUTLOOK IS NEAR TO ABOVE AVERAGE

SNOW COVER varies from 18% of average on the Blue Mountains to 127% on the San Rafael drainages. Mill Creek on the LaSal Mountains is 122% and Price River is 101% of the May 1 average.

PRECIPITATION at mountain stations varied from 77% of the April average at Camp Jackson on the Blue Mountains to 249% at Fish Lake.

RESERVOIR STORAGE is above average.

STREAMFLOW FORECASTS range from 81% of the April-July average for the San Juan at Bluff to 145% of average for Mill Creek near Moab. Adequate water supplies are expected for all users in this area this season.

Report prepared by
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CARBON, EMERY, WAYNE, GRAND and SAN JUAN COUNTIES in UTAH

STREAMFLOW FORECASTS

BASIN, STREAM and/or FORECAST POINT	THIS YEAR FORECAST Thousand Acre Feet	THIS YEAR FORECAST Percent of Average	FORECAST PERIOD	PAST RECORD THOUSAND ACRE FEET Last Year	PAST RECORD THOUSAND ACRE FEET Average +
PRICE RIVER					
Gooseberry Creek nr Scofield	11.9	125	May-July	- -	9.5
Price nr Heiner[1]	60	115	May-July	- -	52
Scofield Reservoir Inflow	37	128	May-July	- -	29
SAN RAFAEL RIVER					
Cottonwood Crk nr Orangeville	57	133	May-July	- -	43[b]
Ferron Creek nr Ferron	45	136	May-July	- -	33
Huntington Crk nr Huntington	52	127	May-July	- -	41
MUDDY RIVER					
Muddy Creek nr Emery	21.0	133	May-July	- -	15.8
UPPER COLORADO BASIN					
Colorado nr Cisco, Utah	2983	105	Apr-July	- -	2835
Green at Green River, Utah	3771	133	Apr-July	- -	2839
Navajo Reservoir Inflow	500	84	Apr-July	- -	597
San Juan nr Bluff, Utah	690	81	Apr-July	- -	853
Mill Creek nr Moab	5.5	145	May-July	- -	3.8
FREMONT RIVER					
Seven Mile Creek nr Fish Lake	7.2	129	May-July	- -	5.6[b]

SUMMARY of SNOW MEASUREMENTS

RIVER BASIN and/or SUB-WATERSHED	Number of Courses Averaged	THIS YEAR AS A PERCENT OF Last Year	THIS YEAR AS A PERCENT OF Average
PRICE RIVER	6	57	101
MILL CREEK	2	49	122
SAN JUAN RIVER	2	5	18
SAN RAFAEL RIVER	7	87	127

RESERVOIR STORAGE (Thousand Acre Feet) MIDMONTH READING

Basin or Stream	RESERVOIR	Usable Capacity	Usable Storage This Year	Usable Storage Last Year	Usable Storage Average+
PRICE RIVER	Scofield	65.8	48.0	26.3	34.4
SAN RAFAEL	Huntington North	3.9	3.8	3.9	3.3
	Joe's Valley	54.6	38.5	39.3	34.3
	Mill Site	16.7	6.7	6.2	- -
SAN JUAN	Navajo	1696.0	981.0	1174.3	- -

PEAK FLOWS

FORECAST POINT	PEAK FLOW (SECOND FEET) Forecast Range	PEAK FLOW (SECOND FEET) Average +
Ferron Creek near Ferron	350-650	419
Muddy Creek near Emery	150-300	157

+ - 1958-72 Average
b - Average of all past record - less than 15 years
1 - Observed flow corrected for change in storage and diversions

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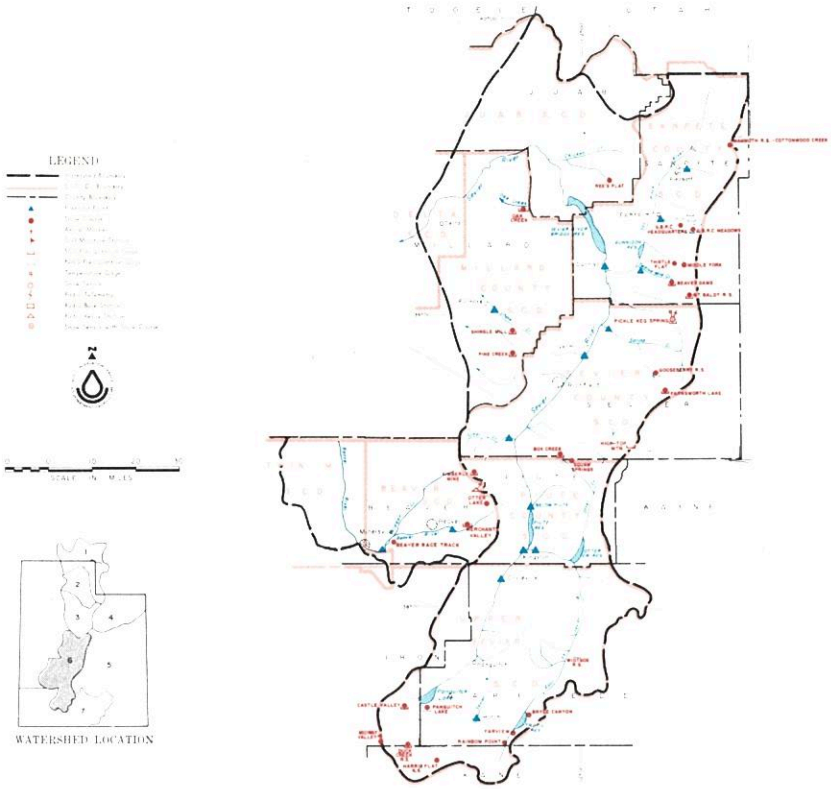
WATER SUPPLY OUTLOOK

SEVIER RIVER BASIN including BEAVER RIVER in UTAH

UNITED STATES DEPARTMENT OF AGRICULTURE - SOIL CONSERVATION SERVICE
UTAH STATE DEPARTMENT OF NATURAL RESOURCES - DIVISION OF WATER RIGHTS



MAY 1, 1974

THE WATER SUPPLY OUTLOOK RANGES FROM BELOW AVERAGE
ON THE UPPER SEVIER TO ABOVE AVERAGE ON THE LOWER SEVIER

SNOW COVER ranges from 72% of average on the South Fork Sevier to 206% on Chalk Creek above Fillmore.

PRECIPITATION at mountain stations ranged from 64% of the April average at Duck Creek Ranger Station to 191% at Box Creek above Koosharem.

RESERVOIR STORAGE is well above average. Most reservoirs in this area filled this season.

STREAMFLOW FORECASTS now range from 27% of the May-July average for the Sevier near Kingston to 186% of the May-June average for Salina Creek. Other stations on the Sevier are forecast as follows: Hatch, 55%; Circleville, 62%; East Fork, 90%; Below Piute Dam, 45%; and Gunnison, 179%. Beaver River is forecast 108% at Beaver and 117% for Minersville Inflow. Pleasant Creek and Ephraim Creek are forecast 124% and 144% respectively. Chalk Creek above Fillmore is forecast 163% of the May-July average. Water users in Panguitch and Circle Valleys without storage water are expected to be on short water supplies by mid season this year.

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USDA-SCS-PORTLAND OREG. 1971 M7-0-22027-6-L

SEVIER RIVER BASIN including BEAVER RIVER in UTAH

STREAMFLOW FORECASTS

BASIN, STREAM and/or FORECAST POINT	THIS YEAR FORECAST Thousand Acre Feet	THIS YEAR FORECAST Percent of Average	FORECAST PERIOD	PAST RECORD THOUSAND ACRE FEET Last Year	PAST RECORD THOUSAND ACRE FEET Average +
SEVIER RIVER					
Chalk Creek nr Fillmore	20	163	May-July	- -	12.3
Clear Crk nr Sevier (abv Div)	13.7	108	May-July	- -	12.7
East Fork Sevier nr Kingston[1]	7.5	90	May-July	- -	8.3
Antimony Crk nr Antimony	5.0	90	May-July	- -	5.6
Inflow:					
Kingston to Vermillion Dam	45	90	Mar-June	- -	50
Vermillion Dam to Gunnison	65	167	Mar-June	- -	39
Salina Crk at Salina	13.0	186	May-June	- -	7.0
Sevier nr Circleville	13.0	62	May-July	- -	21
Sevier nr Gunnison	50	179	May-July	- -	28
Sevier at Hatch	18.7	55	May-July	- -	34
Sevier nr Kingston	4.0	27	May-July	- -	15
Sevier below Piute Dam[1]	10.0	45	May-July	- -	22
SAN PITCH RIVER					
Ephraim Crk nr Ephraim	19.0	144	May-July	- -	13.2[b]
Pleasant Crk nr Mt. Pleasant	8.7	124	May-July	- -	7.0
BEAVER RIVER					
Beaver nr Beaver	19.0	108	May-July	- -	17.6
Minersville Reservoir Inflow[1]	5.5	117	May-June	- -	4.7

SUMMARY of SNOW MEASUREMENTS

RIVER BASIN and/or SUB-WATERSHED	Number of Courses Averaged	THIS YEAR AS A PERCENT OF Last Year	THIS YEAR AS A PERCENT OF Average
UPPER SEVIER	11	36	84
EAST FORK SEVIER	5	43	103
SOUTH FORK SEVIER	6	31	72
LOWER SEVIER	8	93	147
CHALK CREEK	1	164	206
BEAVER RIVER	3	69	126

RESERVOIR STORAGE (Thousand Acre Feet) MID-MONTH READING

Basin or Stream	RESERVOIR	Usable Capacity	Usable Storage This Year	Usable Storage Last Year	Usable Storage Average†
SEVIER RIVER	Gunnison	18.2	18.1	18.1	13.7
	Otter Creek	52.5	52.7	43.5	37.5
	Piute	71.8	69.3	60.1	43.8
	Sevier Bridge	236.0	228.6	162.1	114.1
BEAVER RIVER	Minersville (Rky Fd)	23.3	22.6	16.3	14.0

PEAK FLOWS

FORECAST POINT	PEAK FLOW (SECOND FEET) Forecast Range	PEAK FLOW (SECOND FEET) Average +
Beaver near Beaver	150-350	212
Clear Creek near Sevier	160-200	170
Salina Creek near Salina	280-325	235

FORECAST DATE of LOW FLOW VALUES

FORECAST POINT	Low Flow Value Second-Ft.	Forecast Date Stream Will Recede to Low Flow Value	Average Date of Low Flow Value
Clear Crk nr Sevier-above Div.	5	July 12	July 28
Salina Crk at Salina	25	June 14	June 10
Sevier at Circleville	90	June 1	June 24
Sevier at Hatch (upper)	100	June 9	July 10

1 - Observed flow corrected for change in storage and diversions
b - Average of all past record - less than 15 years
+ - 1958-72 Average

PRIMARY WATER RIGHT FORECASTS (PERCENT OF WATER RIGHT DELIVERED)

RIVER SECTION	Percent Forecast For This Year	Average Percent Delivered During 15 year Period†	Forecast Period
SEVIER RIVER			
Below Vermillion Dam	65	55	April-Sept
Circle Valley	58	65	April-Sept
Panguitch Valley	75	82	April-Sept
Sevier Valley	30	38	April-Sept

Inflow to Sevier Bridge Reservoir October 1 to March 31 was about 135,000 acre-feet after a heavy March flow from lower elevations.

Below Vermillion - Flow above 360 second feet should total about 4000-5000 acre-feet.

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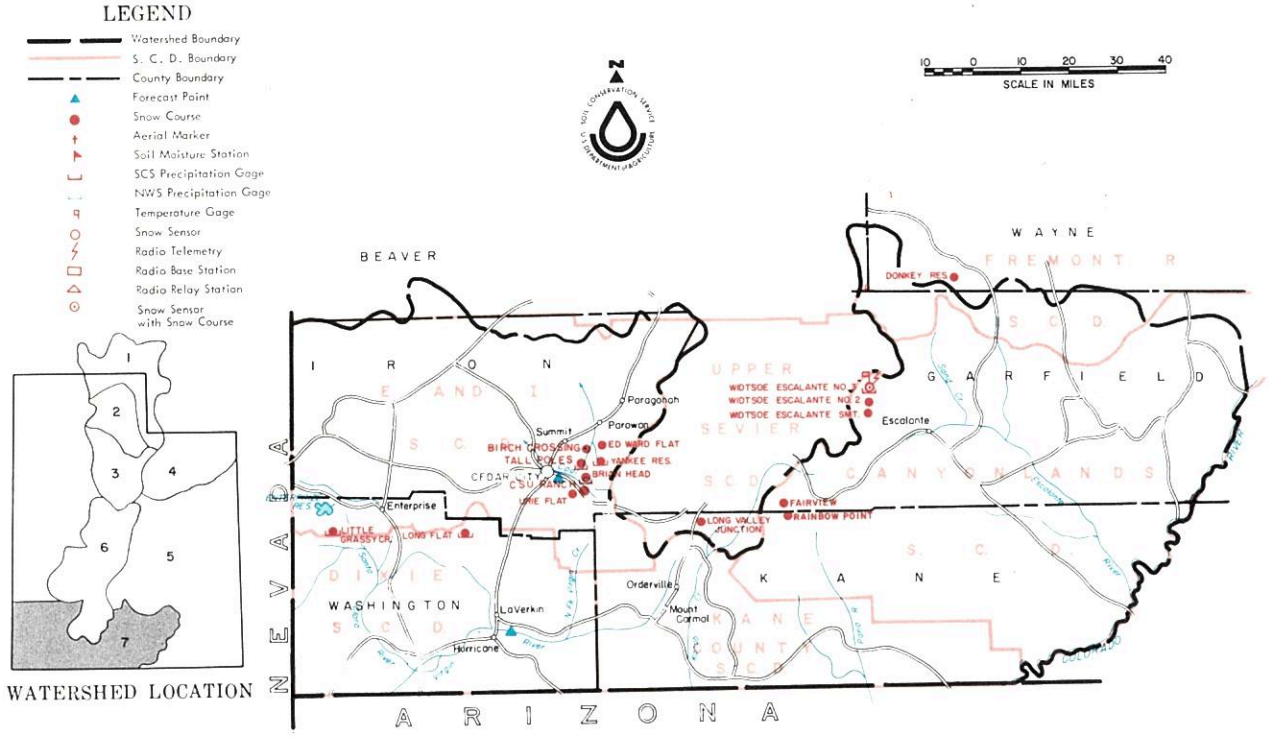
WATER SUPPLY OUTLOOK

EAST GARFIELD, KANE, WASHINGTON and IRON COUNTIES in UTAH

UNITED STATES DEPARTMENT OF AGRICULTURE-SOIL CONSERVATION SERVICE
UTAH STATE DEPARTMENT OF NATURAL RESOURCES-DIVISION OF WATER RIGHTS



MAY 1, 1974

THE WATER SUPPLY OUTLOOK IS WELL BELOW AVERAGE

SNOW COVER as of May 1 ranged from 54% of average on Parowan Creek to 62% on Coal Creek. Virgin River snow cover was 57% of average and the radio reporting site above Kolob Reservoir reports most snow has now melted from the 9500 foot elevation and below.

PRECIPITATION at mountain stations during April ranged from 50% of average at Little Grassy Creek to 137% at Yankee Reservoir.

RESERVOIR STORAGE in Lake Powell is now 18,089,000 acre-feet, a gain of 154,000 acre-feet during April and 6,838,000 acre-feet more than May 1, 1973.

STREAMFLOW FORECASTS now range from 46% of average on the Virgin to 115% of average for Lake Powell Inflow. Coal Creek is forecast at 77% of the May-July average and the Santa Clara at 67% of average. Short water supplies are expected in this area for those water users without reservoir storage.

Report prepared by
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USDA-SCS-PORTLAND, OREG. 1971 M7-0-22027-7-L

EAST GARFIELD, KANE, WASHINGTON and IRON COUNTIES in UTAH

STREAMFLOW FORECASTS

BASIN, STREAM and/or FORECAST POINT	THIS YEAR FORECAST Thousand Acre Feet	THIS YEAR FORECAST Percent of Average	FORECAST PERIOD	PAST RECORD THOUSAND ACRE FEET Last Year	PAST RECORD THOUSAND ACRE FEET Average +
VIRGIN RIVER					
Virgin nr Virgin	13.0	46	May-June	- -	28[b]
Santa Clara nr Pine Valley	1.8	67	May-June	- -	2.7[b]
COAL CREEK					
Coal Creek nr Cedar City	10.0	77	May-July	- -	13.0
UPPER COLORADO					
Lake Powell Inflow	7785	115	Apr-July	- -	6881

b - Average of all past record - less than 15 years

SUMMARY of SNOW MEASUREMENTS

RIVER BASIN and/or SUB-WATERSHED	Number of Courses Averaged	THIS YEAR AS A PERCENT OF Last Year	THIS YEAR AS A PERCENT OF Average
COAL CREEK	3	27	62
PAROWAN CREEK	2	12	54
VIRGIN RIVER	2	21	57

RESERVOIR STORAGE (Thousand Acre Feet) MID-MONTH READING

Basin or Stream	RESERVOIR	Usable Capacity	Usable Storage This Year	Usable Storage Last Year	Usable Storage Average+
COLORADO	Blue Mesa	829.5	295.2	308.6	- -
	Lake Powell	25002.0	18089.0	11251.0	8370.8

+ - 1958-72 Average

PEAK FLOWS

FORECAST POINT	PEAK FLOW (SECOND FEET) Forecast Range	PEAK FLOW (SECOND FEET) Average +

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SNOW	THIS YEAR			PAST RECORD		PRECIPITATION (Inches)					
				Water Content (inches)		CURRENT INFORMATION			FROM APPROX. OCT. 1 TO DATE		
DRAINAGE BASIN and/or SNOW COURSE NAME	Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Last Year	Average +	Date of Reading	Month's Precipitation	Average +	This Year	Average +	Percent of Average
GREAT BASIN											
UPPER BEAR RIVER (Above Harer, Idaho)											
Big Park	4/30	56	23.3	18.4	22.4						
Burts-Miller Ranch	4/24	21	8.5	5.8	1.6	4/24	5.55	2.64[a]	16.50	11.67[a]	141
CCC Camp	4/28	23	9.5	12.0	8.2						
Gold Hill*						4/25	8.07	- -	31.67	- -	- -
Hayden Fork	4/24	55	20.0	14.5	15.5	4/24	7.83	4.24[a]	29.43	24.72[a]	119
Kelly Ranger Station*	4/30	50	20.6	18.5	19.2	5/1	No Reading				
LaBarge Guard Station	4/26	88	38.6	25.7	- -						
Lily Lake*						5/1	No Reading				
Monte Cristo Ranger Station	4/30	72	32.3	27.1	26.7	4/30	6.64	5.46[b]	38.09	33.08[b]	115
Piney-LaBarge #2	4/26	56	25.0	19.6	22.1[a]						
Poison Meadows	4/26	91	36.9	23.9	32.4						
Salt River Summit	4/28	36	14.6	14.4	13.9	4/28	3.00	2.45	21.70	19.19	113
Stillwater Camp	4/24	40	14.3	9.5	7.6	4/24	6.60	3.09	21.00	15.10	139
Snyder Basin	5/1	41	15.4	11.3	14.4						
LOWER BEAR RIVER (Below Harer, Idaho)											
Cinnamon Creek*						4/25	4.01	- -	- -	- -	- -
Clarkston Mountain*						4/25	3.89	- -	23.45	- -	- -
Cub River Ranger Station	4/30	0	0.0	0.0	1.0						
Curtis Creek*						4/25	6.00	- -	38.53	- -	- -
Deer Springs						5/1	No Reading				
Emigrant Summit	4/29	64	29.0	23.8	23.6						
Emigration Canyon	5/1	Not Measured									
Garden City Summit	4/26	47	19.2	15.5	16.7	4/26	2.35	3.64[b]	23.65	23.36[b]	101
Franklin Basin						4/25	7.36	- -	- -	- -	- -
George Peak*						4/25	3.51	- -	22.53	- -	- -
Hardware Ranch*						4/25	2.74	- -	- -	- -	- -
Hells Canyon*						4/25	4.17	- -	34.28	- -	- -
Herd Hollow*						5/1	No Reading				
Hyrum Dam						5/1	No Reading				
Klondike Narrows*	4/26	44	19.8	16.0	15.4	5/1	No Reading				
Little Bear (lower)	4/29	0	0.0	12.9	.5						
Little Bear (upper)*	4/29	18	7.6	18.1	3.3	4/25	1.85	4.12[b]	- -	21.91[b]	- -
Slug Creek Divide	4/29	28	12.2	14.8	- -						
Steep Hollow #1	4/26	106	47.2	32.3	38.9[b]						
Steep Hollow #2	4/26	70	32.4	22.8	23.3[b]						
Tony Grove Lake*						5/1	No Reading				
Tony Grove Ranger Station*	4/26	4	2.0	5.8	1.4	4/25	3.93	3.29[a]	22.17	21.41[a]	104
Trigara Springs						4/25	4.83	- -	- -	- -	- -
Willow Flat	4/30	20	8.2	5.6	3.7	4/30	5.50	4.07	13.63	26.87	51
OGDEN RIVER											
Beaver Creek-Skunk Creek	4/30	10	4.6	13.8	4.7						
Ben Lomond (lower)	4/29	7	2.8	24.2	5.3	4/29	5.11	4.59	26.00	29.32	89
Ben Lomond Peak*	4/29	78	35.9	52.5	34.9	4/25	5.70	- -	- -	- -	- -
Ben Lomond Trail	4/29	14	6.1	25.7	6.1[b]						
Causey Dam						4/30	2.75	2.33[a]	19.69	16.64[a]	118
Cutler Creek	4/29	54	26.3	40.8	24.9[b]						
Dry Bread Pond	4/30	45	19.8	21.4	16.1	4/30	5.36[a]	4.39[b]	25.46[a]	25.16[b]	101
Guilders Peak*						5/1	No Reading				
Magpie*						5/1	No Reading				
Middle Fork Ogden*						4/25	6.28	- -	- -	- -	- -
Sagebrush Flat	4/30	0	0.0	0.0	0.0	4/30	3.09	2.56[b]	18.35	16.88[b]	109

+ 1958-1972 period

USDA SCS PORTLAND, OREGON 1974 M7-0-220277

SNOW	THIS YEAR			PAST RECORD		PRECIPITATION (Inches)					
DRAINAGE BASIN and/or SNOW COURSE NAME	Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Water Content (inches) Last Year	Average +	CURRENT INFORMATION Date of Reading	Month's Precipitation	Average +	FROM APPROX. OCT. 1 TO DATE This Year	Average +	Percent of Average
WEBER RIVER											
Beaver Creek Ranger Station	4/30	2	.9	1.4	1.5						
Chalk Creek #1	4/25	86	33.1	25.6	24.6						
Chalk Creek #2	4/25	52	20.2	16.4	13.5	5/1	5.28[a]	3.83[b]	- -	18.78[b]	- -
Chalk Creek #3	4/25	19	6.9	7.8	2.2	4/25	6.43	3.47[b]	21.47	15.59[b]	138
Farmington Canyon (lower)	4/30	54	25.2	27.9	21.2[b]	4/30	9.60[a]	- -	36.95	- -	- -
Farmington Canyon (upper)	4/30	84	35.2	36.3	31.6[b]	4/30	8.90[a]	- -	- -	- -	- -
Farmington Guard Station						4/30	9.40[a]	- -	37.46	- -	- -
Francis Canyon*						5/1	No Reading				
Hardscrabble*						4/25	8.77	- -	- -	- -	- -
Hoo Doo Knoll*						5/1	No Reading				
Horse Ridge	4/30	62	28.5	20.1	22.2[b]	4/30	7.51[a]	4.44[a]	36.02	30.66[a]	117
Kilfore Creek	4/30	25	10.5	12.2	- -						
Lost Creek Reservoir	5/1	No Reading									
Park City Summit	4/26	101	38.4[a]	34.6	- -						
Parley's Canyon Summit	4/30	42	18.9	17.4	12.2	4/30	8.20[a]	4.71	33.96[a]	26.73	127
Porcupine*						4/25	7.88	- -	- -	- -	- -
Redden Mine (lower)	4/26	53	20.7	19.8	16.5						
Redden Mine (upper)	4/26	61	25.2	23.3	18.9	4/26	11.20	5.04[a]	33.63	25.01[a]	134
Sargeant Lakes* A	4/29	45	17.1	17.2	- -	4/25	7.70	- -	- -	- -	- -
Shingle Mill Flat*						4/25	10.11	- -	- -	- -	- -
Smith & Morehouse	4/25	32	13.9	10.4	7.5	4/25	8.19	3.94	26.90	22.03	122
PROVO RIVER & UTAH LAKE											
Camp Altamont	4/29	0	0.0	16.2	5.9						
Clear Creek Ridge #1	4/25	50	20.9	24.3	16.3						
Clear Creek Ridge #2	4/25	35	15.1	16.2	8.3	4/25	5.10	3.25	- -	18.55	- -
Clear Creek Ridge #3	4/25	0	0.0	0.0	.2						
Dutchman Ranger Station	4/29	18	9.1	18.9	8.4						
East Shingle Lake A	4/29	99	37.6	- -	- -						
Hobble Creek Summit	4/26	16	7.6	13.5	5.7	4/26	4.65	3.05	21.90	19.71	111
Packard Canyon	4/26	0	0.0	5.3	.8						
Payson Ranger Station	4/24	51	23.0	29.3	12.6	4/24	3.55	3.48	25.40	21.17	120
Rock Bridge	4/24	28	12.1	19.7	3.3						
Soapstone Ranger Station	4/29	25	10.2	7.4	6.4	4/30	7.10	3.24	23.88	18.93	126
South Fork Ranger Station	4/29	0	0.0	- -	- -						
Timpanogos Cave Camp	4/29	0	0.0	- -	- -						
Timpanogos Divide	4/29	34	15.6	30.7	19.6	5/1	4.00	4.07	22.55	28.57	79
Trial Lake	4/30	87	33.2	26.3	28.2	4/30	10.08	4.42	33.34	27.44	122
JORDAN RIVER & SALT LAKE											
Bevan's Cabin	4/26	24	10.0	20.3	3.4						
Lamb's Canyon	4/29	33	15.1	12.8	8.6						
Lamb's Canyon #2	4/29	28	11.6	13.8	- -						
Middle Canyon - Tooele	4/26	36	16.5	24.3	7.6	4/26	9.25	4.16[b]	- -	20.81[b]	- -
Mill Creek	4/29	63	26.9	- -	- -						
Mill D South Fork	5/1	40	19.6	18.4	14.4						
Rocky Basin - Settlement Cyn	5/1	77	35.4	52.7	27.4	5/1	8.37	- -	28.94	- -	- -
Silver Lake (Brighton)	5/1	65	31.8	30.0	26.9						
Vernon Creek	4/28	0	0.0	15.7	- -	4/28	2.00	- -	12.69	- -	- -
UPPER SEVIER RIVER (South of Richfield, Utah)											
Box Creek	4/25	39	15.1	18.4	10.3	4/25	5.17	2.71	20.07	16.41	122
Castle Valley	4/29	1	.4	19.4	6.2	4/29	3.09	2.97	13.68	17.52	78
Duck Creek Ranger Station	4/29	0	0.0	17.4	6.0	4/29	2.00	3.12	12.85	20.37	63
Harris Flat	4/29	0	0.0	5.8	1.2						
Kimberly Mine	4/24	45	19.5	26.9	13.1	4/24	6.46	3.69	24.28	21.01	116
Midway Valley	4/29	35	14.5	34.8	21.4	4/29	3.15	- -	17.10	- -	- -
Panguitch Lake	4/29	0	0.0	7.4	.2	4/29	1.88	1.22	7.33	8.41	87
Squaw Springs	4/25	14	6.5	10.7	3.3						
Widtsoe Escalante Summit	4/26	0	0.0	11.4	2.8						
Widtsoe Escalante #2	4/26	12	4.0	14.8	6.1						
Widtsoe Escalante #3	4/26	16	5.6	17.6	7.8[b]	4/26	2.23	2.84	12.29	15.44	80
Widtsoe Ranger Station						4/26	.86	- -	4.22	- -	- -

+ 1958-1972 period

WEBR SCS PORTLAND OREGON 1974 M7-[illegible]-22027Y

SNOW	THIS YEAR			PAST RECORD		PRECIPITATION (Inches)					
DRAINAGE BASIN and/or SNOW COURSE				Water Content (inches)		CURRENT INFORMATION			FROM APPROX. OCT 1 TO DATE		
NAME	Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Last Year	Average +	Date of Reading	Month's Precipitation	Average +	This Year	Average +	Percent of Average
LOWER SEVIER (Including San Pitch)											
Beaver Dams	4/26	22	10.3	14.9	6.5	4/26	5.00	2.81	22.15	16.08	138
Farnsworth Lake	4/24	74	30.8	30.6	20.4	4/24	7.40	4.33	30.05	23.43	128
G.B.R.C. Headquarters	4/30	44	19.5	22.2	14.7	4/30	6.00	- -	25.80	- -	- -
G.B.R.C. Majors						4/30	2.60	- -	12.65	- -	- -
G.B.R.C. Meadows	4/30	75	32.9	32.3	27.1	4/30	8.00	- -	31.53	- -	- -
G.B.R.C. Oaks						4/30	3.50	- -	16.65	- -	- -
Gooseberry Ranger Station	4/24	42	19.2	19.3	8.3	4/24	5.60	- -	21.00	- -	- -
Mammoth R.S.-Ctnwood Crk	4/29	50	23.0	23.8	17.2[b]	4/29	5.80	3.55[b]	23.50	22.19[b]	106
Mt. Baldy Ranger Station	4/26	77	32.2	31.2	24.2	4/25	6.10	3.56[b]	26.80	20.84[b]	129
Oak Creek	4/29	19	7.8	18.5	- -	4/29	3.79	2.69[a]	20.20	17.33[a]	116
Pickle Keg Springs	4/25	50	23.6	20.8	- -	5/1	7.80	2.84[a]	- -	17.64[a]	
Pine Creek	4/26	48	22.4	30.6	10.9	4/26	9.38	5.28	37.69	27.70	136
BEAVER RIVER											
Beaver Canyon Power House						5/1	3.00	2.09	12.82	11.00	116
Beaver Race Track	5/1	0	0.0	- -	- -						
Big Flat	4/25	57	21.0	27.6	18.6	4/25	5.12	3.34[b]	19.49	19.73[b]	99
Merchant Valley	4/25	15	7.0	15.2	4.2	4/25	4.97	3.18[a]	18.13	17.01[a]	106
Otter Lake	4/25	45	17.1	22.6	13.0						
PAROWAN CREEK											
Birch Crossing	4/26	0	0.0	12.3	- -						
Brian Head	4/26	47	20.6	34.1	- -						
Ed Ward Flat	4/26	0	0.0	15.0	2.0						
Tall Poles	4/26	26	12.2	24.5	- -	4/26	3.65	4.21[a]	17.40	22.10[a]	79
Yankee Reservoir	4/26	9	4.2	19.1	5.7	4/26	3.50	2.55	16.02	14.34	112
COAL CREEK											
SUSC Ranch	4/29	0	0.0	12.0	1.3[a]						
ENTERPRISE TO NEW HARMONY DRAINAGES											
Little Grassy Creek	4/30	0	0.0	3.4	0.0[b]	4/30	.85	1.70[b]	10.60	14.73[b]	72
Long Flat	4/30	0	0.0	18.1	.4[b]	4/30	2.00	2.06[b]	13.85	13.01[b]	106
COLORADO RIVER BASIN											
UPPER GREEN RIVER - UTAH											
Ashley Twin Lakes A	4/29	45	14.4	20.8	- -						
Black's Fork Junction	4/23	48	15.2	10.4	8.4[b]	4/23	6.10	2.94[b]	19.53	14.47[b]	135
Black's Fork G. S.-East Fork	4/23	46	14.3	12.3	10.1[b]	4/23	6.38	3.24[b]	19.87	15.11[b]	132
Buck Pasture A	4/29	72	23.8	18.0	- -						
Burnt Creek	4/29	0	0.0	8.6	- -	4/24	3.19	3.06[b]	12.69	12.07[b]	105
Grizzly Ridge	4/22	28	9.0	16.2	- -	4/22	4.50	3.25[b]	14.15	16.69[b]	85
Henry's Fork A	4/29	52	16.1	19.8	- -						
Hewinta G. S.	4/23	50	15.2	12.3	10.2[b]	4/23	6.42	3.39[b]	21.76	15.89[b]	137
Hickerson Park	4/23	30	10.6	11.4	5.2[b]	4/23	5.30	3.71[a]	15.90	12.00[a]	132
Highline Trail*	5/1					5/1	Data Not Available				
King's Cabin (lower)	4/22	18	6.0	14.6	6.5						
King's Cabin (upper)	4/22	30	9.7	16.1	9.4	4/22	4.07	2.95	11.22	14.21	79
Reynolds Park A	4/29	45	14.0	23.5	- -						
Spirit Lake	4/23	50	15.2	23.6	15.0[b]	4/22	5.60	4.54[b]	18.40	18.70[b]	98
Steel Creek Park	4/23	83	25.0	18.2	18.7[b]						
Windy Park A	4/29	34	10.9	19.0	- -						

+ 1958-1972 period.

USDA SCS PORTLAND OREGON 1974 M7-0-22027Y

SNOW	THIS YEAR			PAST RECORD		PRECIPITATION (Inches)					
				Water Content (inches)		CURRENT INFORMATION			FROM APPROX. OCT 1 TO DATE		
DRAINAGE BASIN and/or SNOW COURSE NAME	Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Last Year	Average +	Date of Reading	Month's Precipitation	Average +	This Year	Average +	Percent of Average
DUCHESNE RIVER											
Atwood Basin A	4/29	21	6.3	14.3	- -						
Chepeta-Whiterocks Lakes A	4/29	37	11.5	20.0	- -						
Currant Creek	4/29	0	0.0	3.6	1.8[b]	4/29	3.58	2.28[b]	16.85	15.90[b]	106
Daniels-Strawberry Summit	4/26	28	12.4	14.4	7.8	4/26	5.85	2.92	21.98	20.53	107
East Portal	4/30	0	0.0	10.5	- -	4/30	4.20	3.19[b]	21.06	21.36[b]	99
Five Point Lake A	4/29	51	15.3	21.4	- -						
Indian Canyon	4/30	11	3.4	17.4	10.4[b]	4/30	2.17	2.38[b]	10.56	15.66[b]	67
Julius Park	5/1	Course Disturbed				4/25	3.85	2.88[b]	12.35	15.72[b]	78
Lakefork Basin A	4/29	77	23.1	22.3	- -						
Lakefork Mountain	4/26	28	7.0	16.4	11.7	4/26	2.76	2.99	13.54	15.23	89
Lakefork Mountain #2	4/26	0	0.0	9.1	3.7						
Lakefork Mountain #3	4/26	0	0.0	6.9	1.2						
Lightning Lake A	4/29	90	30.6	- -	- -						
Lake Basin	4/29	71	28.0	- -	- -						
Mosby Mountain	4/25	22	6.7	14.8	9.5	4/25	3.66	2.43[a]	11.45	13.26[a]	86
Paradise Park	4/25	31	9.6	18.6	12.8	4/25	3.45	3.17	12.67	18.06	70
Rock Creek	4/29	0	0.0	3.2	.9[b]	4/29	2.14	2.27	10.83	13.20	82
Strawberry Divide	5/1	Not Measured									
PRICE RIVER											
Dry Valley Divide	4/29	1	.5	8.2	3.7						
Gooseberry Reservoir	4/29	46	21.6	24.0	17.2	4/29	5.60	3.40	24.98	21.58	116
Mud Creek #2	4/29	14	5.2	11.6	7.0	4/29	3.85	2.70	16.77	16.90	99
White River #1	4/29	27	11.3	14.5	9.2	4/29	2.95	2.61	17.83	16.89	106
White River #2	4/29	0	0.0	5.8	1.1						
White River #3	4/29	0	0.0	4.0	0.0						
SAN RAFAEL											
Buck Flat	4/26	51	19.9	20.0	15.4	4/26	5.45	2.98	23.95	20.28	118
Orange Olsen	4/30	0	0.0	0.0	- -	4/30	2.20	1.08[a]	8.40	10.06[a]	83
Red Pine Ridge	4/30	41	17.4	18.2	14.4	4/30	6.65	3.50	27.00	23.81	113
Rush Pond	4/26	39	14.0	15.1	11.2						
Seeley Creek	4/30	50	19.6	24.6	16.8						
Stuart Ranger Station	4/29	11	4.3	4.4	1.3	4/29	3.00	2.16	14.15	14.32	99
Upper Joe's Valley	4/30	14	5.3	9.1	4.8						
Wrigley Creek	4/26	26	9.6	12.4	7.1						
FREMONT RIVER											
Blacks Flat-U.M. Creek	4/24	40	15.3	14.2	8.1	4/24	5.39	2.32	19.50	14.47	135
Fish Lake	4/24	26	11.4	12.6	2.8	4/24	4.28	1.72[b]	13.60	11.08[b]	123
Johnson Valley	4/24	23	9.4	11.0	2.8						
MILL CREEK											
LaSal Mountain (lower)	4/29	4	1.5	14.8	3.1[b]						
LaSal Mountain (upper)	4/29	36	16.6	22.3	11.7[b]	4/29	6.05	2.59[b]	18.40	18.26[b]	101
SAN JUAN RIVER											
Buckboard Flat	4/25	4	1.9	20.6	5.8	4/25	2.65	2.51	14.70	20.53	72
Camp Jackson	4/25	0	0.0	19.6	4.5[b]	4/25	1.65	2.13[b]	13.30	18.05[b]	74
Monticello City Park	4/25	0	0.0	- -	- -						
VIRGIN RIVER											
Long Valley Junction	4/29	0	0.0	0.0	.1[b]						
Webster Flat	4/29	12	6.2	28.9	10.8	4/29	3.40	3.81	- -	23.08	- -

a - Partly Estimated
A - Aerial Reading
b - Average of all past record - less than 15 years
+ - 1958-72 Average
* - USU-SCS Cooperative Radio Reading
** - SCS Radio Reading

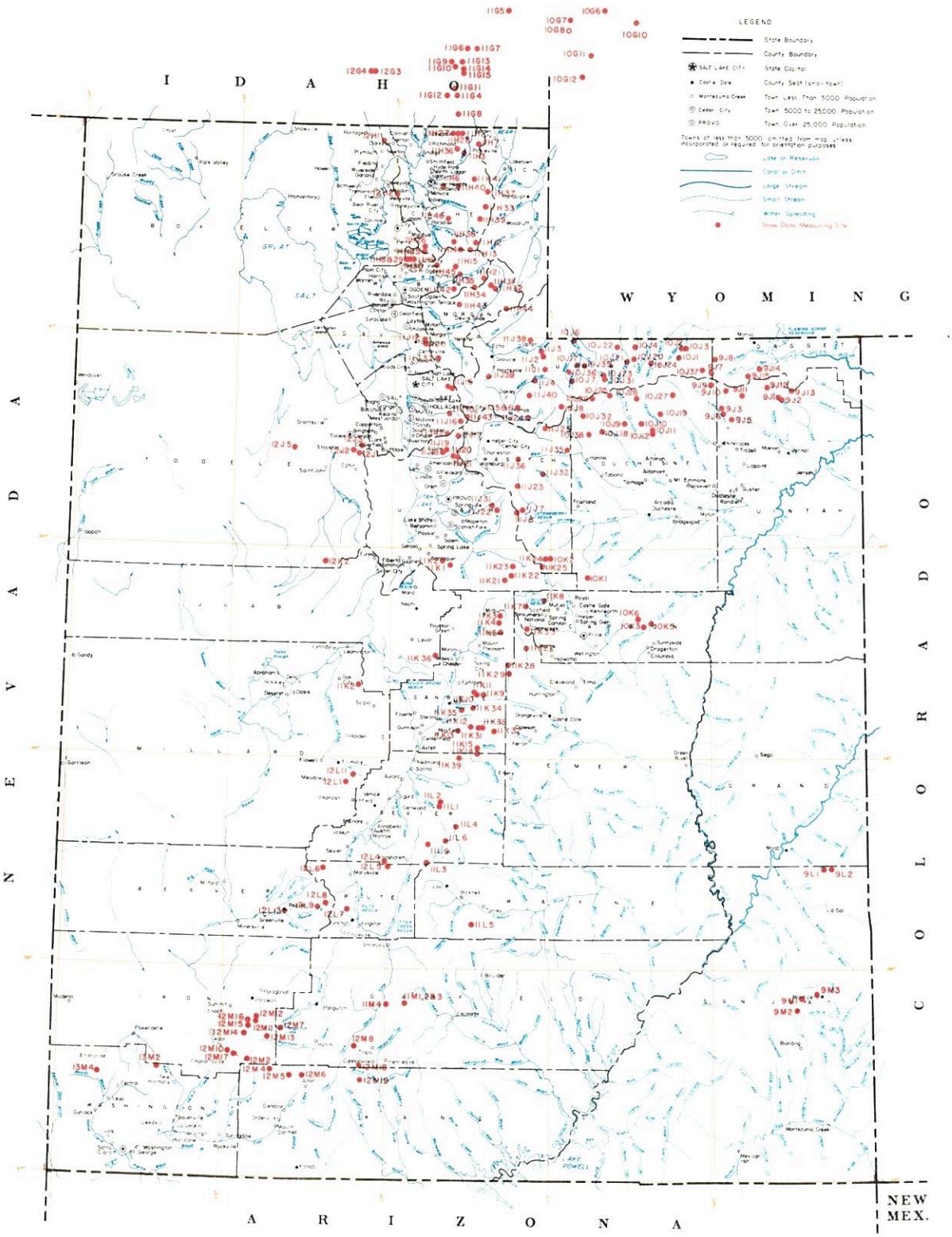
+ 1958-1972 period

USDA SCS PORTLAND, OREGON 1974 M7-0-22027Y

U.S. DEPARTMENT OF AGRICULTURE

UTAH

SOIL CONSERVATION SERVICE



SNOW COURSES AND RELATED DATA MEASURING SITES

UTAH

1974

USGS National Atlas 1:1,000,000 Albers Equal-Area projection (1967) used as source for base map and adapted for SCS use.

SCALE 1:1,500,000

ALBERS EQUAL AREA PROJECTION

INDEX TO UTAH, BEAR & UPPER COLORADO RIVER BASINS

GREAT BASIN DRAINAGE

NO	STATE	NAME	SEC	TWP	RGE	ELEV
		UPPER BEAR RIVER (above Harer, Idaho)				
10G11	W	Big Park	7	27N	117W	8,700
10J6P	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
10J7P	U	Hayden Fork	25	1N	9E	9,400
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)				
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 Mountain	29	14N	2W	6,300
11G12	I	Cub River Ranger Station	5	15S	41E	5,400
11H33P	U	Curtis Creek	12	10N	4E	8,450
11H39p	U	Deer Springs	34	10N	4E	8,400
11G14a	I	Dry Basin	30	13S	42E	7,900
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
11G8MP	I	Franklin Basin	1	16S	41E	8,000
11H7MP	U	Garden City Summit	34 & 35	14N	4E	7,600
12H2p	U	Hell Canyon	24	11N	2W	6,400
11H40p	U	Herd Hollow	4	11N	3E	7,000
11G15c	I	Horseshoe Basin	31	13S	42E	8,000
11H1MP	U	Klondike Narrows	10	14N	3E	7,400
11G13	I	Liberty Springs	7	13S	42E	8,240
11H26	U	Little Bear (lower)	15	8N	1E	6,000
11H25P	U	Little Bear (upper)	22	8N	1E	6,550
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
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
		OGDEN RIVER				
11H14M	U	Beaver Creek-Skunk Creek	22	8N	3E	7,150
11H8P*	U	Ben Lomond Peak	3	7N	1W	8,000
11H9P	U	Ben Lomond (lower)	1	7N	1W	6,000
11H30P	U	Ben Lomond Trail	2	7N	1W	6,000
11H35p	U	Causey Dam	34	7N	3E	5,500
11H29	U	Cutler Creek	3	7N	1W	6,780
11H13MP	U	Dry Beard 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
11H15P	U	Sagebrush Flat	21	7N	3E	6,300
		WEBER RIVER				
11J24	U	Beaver Creek R.S.	28	2S	7E	7,500
11J1P	U	Chalk Creek #1	4	1N	8E	9,100
11J2MP	U	Chalk Creek #2	17 & 20	2N	8E	7,900
11J3MP	U	Chalk Creek #3	7	2N	8E	7,500
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
11H21PT	U	Horse Ridge	1	6N	4E	8,260
11H31P	U	Kilfore Creek	20	6N	5E	7,300
11H32P	U	Lost Creek	27	6N	5E	6,125
11J43	U	Park City Smt.	20	2S	4E	9,300
11J15PTS*	U	Parley's Canyon Summit	5	1S	3E	7,500
11J38p	U	Porcupine	22	3N	7E	8,100
11J6	U	Redden Mine (lower)	1	2S	6E	8,500
11J5P	U	Redden 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
11J4P	U	Smith & Morehouse	25	1N	7E	7,600
		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 #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	27	7S	5E	7,420
11J36P	U	Lake Creek	36	4S	6E	9,100
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
11J20	U	Timpanogos Cave Camp	27	4S	2E	5,500
	U	Timpanogos Divide	33	4S	3E	8,140
	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
11J41P	U	Lamb's Canyon #2	21	1S	3E	7,400
12J3P	U	Middle Canyon	8	4S	3W	7,000
11J10	U	Mill D South Fork	18	2S	3E	7,400
12J1P	U	Rocky Basin-Settlement Canyon	30	4S	3W	8,900
11J16P	U	Silver Lake (Brighton)	35	2S	3E	8,725
11J42	U	Snow Bird (Gad Valley)	18	3S	3E	10,000
12K2P	U	Vernon Creek	21	10S	5W	7,500
		UPPER SEVIER RIVER (South of Richfield, Utah)				
12L4P	U	Box Creek	33	26S	2W	9,800
12M8	U	Bryce Canyon	36	36S	4W	8,000
12M13P	U	Castle Valley	23	36S	8W	9,700
12M4P	U	Duck Creek R.S.	11	38S	8W	8,700
12M18	U	Fgrview	32	37S	4W	8,200
12M5	U	Harris Flat	24	38S	7W	7,700
11L9P	U	High-Top Mountain	36	25S	1E	11,400
12L6P	U	Kimberly Mine	11	27S	5W	9,300
12M2M	U	Midway Valley	26	37S	9W	9,800
12M7P	U	Panguitch Lake	4 & 5	36S	7W	8,200
12M19	U	Rainbow Point	29	38S	4W	9,100
12L5	U	Squaw Springs	3	27S	2W	9,300
11M4P	U	Widtsoe R.S.	22	34S	2W	7,600
		LOWER SEVIER RIVER (Including San Pitch River)				
11K13P	U	Beaver Dam	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
11L2P	U	Gooseberry R.S.	22	23S	2E	8,400
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
11K39PT	U	Pickle Keg Springs	4	21S	3E	9,600
12L1P	U	Pine Creek	24	22S	4W	8,700
11K36	U	Rees's Flat	20	15S	2E	7,300
12L11P	U	Shingle Mill	5	22S	3W	6,200
11K35	U	Thistle Flat	23	18S	3E	8,500
		BEAVER RIVER				
12L13	U	Beaver Race Track	23	29S	7W	6,020
12L7PT	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
		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	9W	8,300
12M15P	U	Tall Poles	26 & 35	35S	9W	8,800
12M11P	U	Yankee Reservoir	20	35S	8W	8,700
		COAL CREEK				
12M17	U	CSU Ranch	18	37S	9W	8,200
12M10	U	Urie Flat	11	37S	10W	8,450
		ENTERPRISE TO NEW HARMONY DRAINAGES				
13M4MP	U	Little Grassy Creek	15	38S	17W	6,100
13M2MP	U	Long Flat	2	38S	14W	8,000

COLORADO RIVER DRAINAGE

NO	STATE	NAME	SEC	TWP	RGE	ELEV
		UPPER GREEN RIVER IN UTAH (above Duchesne River)				
9J11aP	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
10J24ap	U	Henry's Fork	29	2N	14E	10,000
10J4P	U	Hewinta G.S.	33	3N	13E	9,500
9J8P	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
9J10aP	U	Reynolds Park	9	1S	18E	10,400
9J7P	U	Spirit Lake	10	1N	17E	10,300
10J20p	U	Steel Creek Park	17	2N	13E	9,900
10J31P	U	Tokewanna Peak	23	1N	11E	9,800
9J12ap	U	Windy Park	1	1S	20E	9,400
		DUCHESNE RIVER				
10J27ap	U	Atwood Basin	21	1S	15E	10,250
10J9P	U	Brown Duck Lake	2	2N	6W	10,300
9J14P	U	Burnt Creek	4	1N	20E	7,900
9J9ap	U	Chepeta-Whiterocks Lakes	3	1S	17E	10,300
11J32MP	U	Currant Creek	31	1S	10W	7,800
10J26ap	U	Five Point Lake	28	4N	5W	11,000
9J13P	U	Grizzley Ridge	8	1S	22E	8,500
10K1P	U	Indian Canyon	2	11S	10E	9,100
10J19P	U	Jackson Park	23	3N	4W	11,300
9J6P	U	Julius Park	20	3N	1E	9,800
10J38P	U	Lake Basin	23	3S	8W	10,800
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
10J29p	U	Lightning Lake	24	4N	8W	10,950
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
10J32P	U	Shadow Lake	28	3N	8W	10,150
11J35P	U	West Fork of the Duchesne	22	1N	19E	10,250
		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
11K7	U	Jones Ranch	32	12S	7E	7,600
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
10K2MP	U	Rush Pond	24	19S	4E	9,800
11K9	U	Seeley Creek	25	17S	4E	10,000
11K27P	U	Stuart R.S.	8 & 9	15S	7E	7,950
11K29	U	Upper Joe's Valley	21	16S	6E	8,900
11K32	U	Wrigley Creek	27	19S	5E	9,000
		MUDDY RIVER				
11K14	U	Black's Fork	34	20S	4E	9,200
11K15P	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
11L3P	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
9M3	U	Monticello Park	25	33S	23E	7,050
		ESCALANTE RIVER				
11M1	U	Widtsoe-Escalante Summit	22	34S	1W	9,500
11M2PT	U	Widtsoe-Escalante #2	22	34S	1W	9,500
11M3P	U	Widtsoe-Escalante #3	22	34S	1W	9,500
		VIRGIN RIVER				
12M6	U	Long Valley Junction	22	38S	6W	7,500
12M3MPT	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
*	Adjacent Drainage

WATER SUPPLY OUTLOOK FOR UTAH

U. S. DEPARTMENT of AGRICULTURE ★ SOIL CONSERVATION SERVICE

Collaborating with

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

AS OF
JUNE 1, 1974

Data included in this report were obtained by the agencies named above in cooperation with Federal, State and private organizations listed inside the back cover of this report.

WATER SUPPLY OUTLOOK FOR UTAH

and

FEDERAL - STATE - PRIVATE COOPERATIVE SNOW SURVEYS

Issued by

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SNOW SURVEY SECTION
FEDERAL BLDG., ROOM 4012
SALT LAKE CITY, UTAH 84138

USDA-SCS-PORTLAND, OREG. 1974 M7-L-22027B

WATER SUPPLY OUTLOOK

as of
June 1, 1974

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* * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * *
* Utah's Water Supply Outlook now ranges from "above average" to  *
* "poor". Reservoir storage is above average with many now full  *
* or expected to fill.                                            *
* * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * *
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SNOW COVER

Snow surveys the last week of May indicate that snow remains only above the 8,000 foot level on the Bear, Ogden, Weber, and Provo Rivers. No measurable snow was recorded on Uintah Basin snow courses. The higher elevation aerial marker flights were delayed. Southern Utah had snow only above 10,000 feet in shaded areas. LaSal and Blue Mountain snow has melted and San Rafael watersheds had snow only 10,000 feet and above.

PRECIPITATION

Mountain precipitation during May ranged from none at many stations in Uintah Basin and southern Utah to near average at some stations on the Lower Bear and Ogden Rivers. Many stations reported from 15 to 50% of average catch for May.

RESERVOIR STORAGE

Most northern Utah reservoirs are full or expected to fill very soon. Reservoir storage statewide is well above average although southern Utah storage is being used faster than usual as a result of a dry May and low streamflow.

The elevation of Great Salt Lake is 4201.40 feet above mean sea level. This is the highest it has been since July of 1929, 0.85 feet higher than last year and 10.05 feet higher than the all time low in October of 1963, according to the U. S. Geological Survey.

STREAMFLOW

Streamflow during May ranged from 54% of median on the San Juan to 149% on Big Cottonwood Creek near Salt Lake. Whiterocks River in Uintah Basin was only 81%, Beaver River 102% of median for May, and Weber River near Oakley was 146% of median, as reported by the U. S. Geological Survey.

Below normal May precipitation caused reductions in streamflow forecasts ranging from 3-15% in northern Utah to as much as 30-35% in southern Utah.

Water users depending on direct streamflow diversions in Uintah Basin, Sevier Basin, Virgin Basin, San Juan Basin, and Coal Creek Basin are expected to have short water supplies this year unless above average summer precipitation improves the flow.

USDA SCS PORTLAND OREG 1983

SNOW	THIS YEAR			PAST RECORD		PRECIPITATION (Inches)					
DRAINAGE BASIN and/or SNOW COURSE				Water Content (inches)		CURRENT INFORMATION			FROM APPROX. OCT 1 TO DATE		
NAME	Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Last Year	~~Average~~ +	Date of Reading	Month's Precipitation	Average +	This Year	Average +	Percent of Average
GREAT BASIN					2 Yrs. Ago						
UPPER BEAR RIVER (Above Harer, Idaho)											
Burts-Miller Ranch	5/24	0	0.0	0.0	0.0	5/24	.50	2.32a	17.00	13.99a	122
Gold Hill*						5/31	1.33	- -	33.00	- -	- -
Hayden Fork	5/24	51	17.0	0.0	0.0	5/24	1.20	3.88a	30.63	28.60a	107
Kelly Ranger Station*						6/4	Data Not Available - USU				
Lily Lake*						6/4	Data Not Available - USU				
Monte Cristo Ranger Station	5/30	12	6.0	5.9	8.4	5/30	1.66	2.27b	39.75	35.35b	112
Salt River Summit						5/31	1.75	1.45	23.45	20.64	114
Stillwater Camp	5/24	0	0.0	0.0	0.0	5/24	.72	2.22	21.72	17.32	125
LOWER BEAR RIVER (Below Harer, Idaho)											
Cinnamon Creek*						5/31	1.11	- -	- -	- -	- -
Clarkston Mountain*						5/31	2.26	- -	25.71	- -	- -
Curtis Creek*						6/4	Data Not Available - USU				
Garden City Summit	5/28	0	0.0	0.0	5.1	5/28	1.65	1.88b	25.30	25.24b	100
George Peak*						6/4	No Reading				
Hardware Ranch*						6/4	Data Not Available - USU				
Hells Canyon*						5/31	3.38	- -	37.66	- -	- -
Herd Hollow*						6/4	1.99	- -	- -	- -	- -
Klondike Narrows*	5/28	0	0.0	0.0	0.0	6/4	Data Not Available - USU				
Steep Hollow #1	5/28	57	29.9	13.0	33.4						
Steep Hollow #2	5/28	10	5.0	0.0	5.0						
Tony Grove Lake*						6/4	Data Not Available - USU				
Tony Grove Ranger Station*	5/28	0	0.0	0.0	0.0	5/31	1.87	1.56a	24.04	22.97a	105
Willow Flat	6/3	0	0.0	0.0	0.0	6/3	1.70	2.62	15.33	29.49	52
Trigara Springs						5/31	2.37	- -	- -	- -	- -
OGDEN RIVER											
Beaver Creek-Skunk Creek	5/31	0	0.0	0.0	0.0						
Ben Lomond (lower)	5/31	0	0.0	0.0	0.0	5/30	2.63	2.86b	28.63	32.18b	89
Ben Lomond Peak*	5/31	10	4.9	16.2	4.7	5/31	4.63	- -	- -	- -	- -
Ben Lomond Trail	5/31	0	0.0	0.0	0.0						
Causey Dam						5/30	1.27	1.59a	20.96	18.23a	115
Cutler Creek	5/31	0	0.0	0.0	0.0						
Dry Bread Pond	5/31	0	0.0	0.0	0.0	5/30	.83	2.22b	26.29	27.38b	96
Guilders Peak*						6/4	Data Not Available - USU				
Magpie*						6/4	Data Not Available - USU				
Middle Fork Ogden*						5/31	2.95	- -	- -	- -	- -
Sagebrush Flat	5/31	0	0.0	0.0	0.0	5/30	1.28	1.41b	19.63	18.29b	107
WEBER RIVER											
Chalk Creek #1	5/28	33	14.8	11.4	- -						
Chalk Creek #2*	5/28	0	0.0	0.0	0.0	6/4	Data Not Available - USU				
Chalk Creek #3	5/28	0	0.0	0.0	0.0	5/28	.53	2.17b	22.00	17.76b	124
Farmington Canyon (lower)	6/3	0	0.0	0.0	0.0	6/3	3.76	- -	40.71	- -	- -
Farmington Canyon (upper)	6/3	2	1.0	7.8	5.9						
Farmington Guard Station	6/3	0	0.0	- -	- -	6/3	3.37	- -	40.83	- -	- -
Francis Canyon*						6/4	Data Not Available--USU				
Hardscrabble*						6/4	3.02	- -	- -	- -	- -
Hoo Doo Knoll*						6/4	Data Not Available - USU				
Horse Ridge**	5/31	0	0.0	0.0	0.0	5/31	1.10	2.21a	37.12	32.87a	113
Parley's Canyon Summit	5/29	0	0.0	0.0	0.0	5/29	1.08	2.09	32.51	28.82	113
Porcupine*						5/31	1.41	- -	- -	- -	- -
Redden Mine (lower)	5/29	0	0.0	- -	- -						
Redden Mine (upper)	5/29	0	0.0	1.2	0.0	5/29	1.03	2.56a	34.66	27.57a	126
Sargeant Lakes* A	6/4	Flight	Delayed			6/4	1.51	- -	- -	- -	- -
Shingle Mill Flat*						6/4	1.23	- -	- -	- -	- -
Smith & Morehouse	5/24	0	0.0	0.0	0.0	5/24	.95	2.18	27.85	24.21	115

a - Partly Estimated
A - Aerial Reading
b - Average of all past record - Less than 15 years

+ - 1958-72 Average
* - USU-SCS Cooperative Radio Reading
** - SCS Radio Reading

USDA SCS PORTLAND OREGON 1974 M7-0-22027Y

+ 1958-1972 period.

SNOW	THIS YEAR			PAST RECORD		PRECIPITATION (Inches)					
DRAINAGE BASIN and/or SNOW COURSE NAME	Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Water Content (inches) Last Year	~~Average~~ +	CURRENT INFORMATION Date of Reading	Month's Precipitation	Average +	FROM APPROX. OCT 1 TO DATE This Year	Average +	Percent of Average
PROVO RIVER & UTAH LAKE					2 Yrs. Ago						
Camp Altamont	5/30	0	0.0	0.0	- -						
Clear Creek Ridge #1	5/30	0	0.0	- -	- -						
Clear Creek Ridge #2	5/31	0	0.0	0.0	0.0	5/31	.45	1.79	- -	20.34	- -
Clear Creek Ridge #3	5/30	0	0.0	- -	- -						
Dutchman Ranger Station	5/30	0	0.0	0.0	0.0	5/30	.70	2.10	21.63	26.98	80
East Shingle Lake A	6/3	Flight Delayed		- -	- -						
Hobble Creek Summit	5/30	0	0.0	0.0	0.0	5/31	.50	1.91	22.40	21.62	104
Packard Canyon	5/31	0	0.0	- -	- -						
Payson Ranger Station	5/31	0	0.0	0.0	0.0	5/31	.30	1.83	25.70	23.00	112
Rock Bridge	5/31	0	0.0	- -	- -						
Soapstone Ranger Station	5/29	0	0.0	0.0	0.0	5/29	.28	1.71	24.16	20.64	117
South Fork Ranger Station	5/31	0	0.0	- -	- -						
Timpanogos Cave Camp	5/31	0	0.0	- -	- -						
Timpanogos Divide	5/30	0	0.0	0.0	0.0						
Trial Lake	5/29	43	21.6	18.0	21.3	5/29	.85	2.54	34.19	29.98	114
JORDAN RIVER & SALT LAKE											
Lamb's Canyon	5/29	0	0.0	0.0	0.0						
Lamb's Canyon #2	5/29	0	0.0	0.0	0.0	5/29	1.20a	- -	19.31	- -	- -
Middle Canyon - Tooele	5/30	0	0.0	0.0	0.0	5/30	Gage	Molested			
Mill D South Fork	5/30	0	0.0	0.0	0.0						
Silver Lake (Brighton)	5/30	0	0.0	8.5	0.0						
Vernon Creek	6/3	0	0.0	0.0	0.0	6/3	1.00	- -	13.69	- -	- -
UPPER SEVIER RIVER (South of Richfield, Utah)											
Box Creek	5/28	0	0.0	0.0	0.0	5/28	.61	1.88	20.68	18.29	113
Castle Valley	5/30	0	0.0	0.0	0.0	5/30	.55	1.47	14.23	18.99	75
Duck Creek Ranger Station	5/31	0	0.0	0.0	0.0	5/31	.10	1.71	12.95	22.08	59
Kimberly Mine	5/28	0	0.0	3.0	0.0	5/28	.78	2.17	25.06	23.18	108
Midway Valley	5/31	0	0.0	21.8	0.0	5/31	.15	- -	17.25	- -	- -
Panguitch Lake	5/30	0	0.0	0.0	0.0	5/30	.09	.88	7.42	9.29	80
Widtsoe Escalante #3	5/30	0	0.0	0.0	0.0	5/30	.15	1.66	12.44	17.10	73
Widtsoe Ranger Station						5/30	.08	- -	4.30	- -	- -
LOWER SEVIER RIVER (Including San Pitch)											
Beaver Dams	5/29	0	0.0	- -	0.0	5/29	.45	2.14	22.60	18.22	124
Farnsworth Lake	5/28	No Measurement		18.2	- -						
G.B.R.C. Headquarters	5/31	0	0.0	1.0	0.0	5/31	.40	- -	26.20	- -	- -
G.B.R.C. Majors						5/31	.21	- -	12.86	- -	- -
G.B.R.C. Meadows	5/31	14	7.3	17.8	1.2	5/31	.50	- -	32.03	- -	- -
G.B.R.C. Oaks						5/31	.19	- -	16.84	- -	- -
Gooseberry Ranger Station	5/28	0	0.0	- -	- -	5/28	1.15	- -	22.15	- -	- -
Mammoth R.S.-Ctnwood Crk	5/30	0	0.0	2.5	0.0	5/30	.15	2.00b	23.65	24.19b	98
Mt. Baldy Ranger Station	5/29	26	13.1	- -	- -	5/29	.55	2.67b	27.35	23.51b	116
Oak Creek	5/29	0	0.0	0.0	0.0	5/29	.62	1.72a	20.82	19.05a	109
Pine Creek	5/28	0	0.0	0.0	0.0	5/28	1.22	3.00	38.91	30.70	127
Shingle Mill	5/28	0	0.0	- -	0.0	5/28	- -	2.06b	24.78	19.33b	128
BEAVER RIVER											
Beaver Canyon Power House						5/31	.21	1.37	13.03	12.37	105
Big Flat	5/29	12	4.9	19.8	0.0	5/29	.94	2.79b	20.43	22.52b	91
Merchant Valley	5/29	0	0.0	0.0	0.0	5/29	.79	2.35a	18.92	19.36a	98
PAROWAN CREEK											
Brian Head	5/31	0	0.0	19.6	- -						
Tall Poles	5/31	0	0.0	6.0	0.0	5/31	.15	1.67a	17.55	23.77a	74
Yankee Reservoir	5/31	0	0.0	0.0	0.0	5/31	.00	1.43	16.02	15.77	102

USDA SCS PORTLAND OREGON 1974 M7-0-22027Y

+ 1958-1972 period.

SNOW	THIS YEAR			PAST RECORD		PRECIPITATION (Inches)					
DRAINAGE BASIN and/or SNOW COURSE				Water Content (inches)		CURRENT INFORMATION			FROM APPROX. OCT 1 TO DATE		
NAME	Date of Survey	Snow Depth (inches)	Water Content (inches)	Last Year	~~Average~~ + 2 Yrs. Ago	Date of Reading	Month's Precipitation	Average +	This Year	Average +	Percent of Average
ENTERPRISE TO NEW HARMONY DRAINAGES											
Little Grassy Creek	5/29	0	0.0	0.0	0.0	5/29	.10	.88	10.70	15.61	68
Long Flat	5/30	0	0.0	0.0	0.0	5/30	.10	1.23b	13.95	14.24b	98
COLORADO RIVER BASIN											
UPPER GREEN RIVER - UTAH											
Ashley Twin Lakes A	6/4	Flight Delayed		- -	9.1						
Blacks Fork Junction	5/23	0	0.0	0.0	0.0	5/23	.72	2.35b	20.25	16.82b	120
Blacks Fork G.S.-East Fork	5/23	0	0.0	0.0	0.0	5/23	.85	2.44b	20.72	17.55b	118
Buck Pasture A	6/4	Flight Delayed		- -	10.1						
Burnt Creek	5/31	0	0.0	0.0	0.0	5/31	.20	2.84	12.89	14.91	86
Grizzly Ridge	5/31	0	0.0	- -	- -	5/31	.60	2.64b	14.75	19.33b	76
Henry's Fork A	6/4	Flight Delayed		- -	10.9						
Hewinta G. S.	5/23	0	0.0	0.0	0.0	5/23	.95	2.51b	22.71	18.40b	123
Hickerson Park	5/31	0	0.0	0.0	0.0	5/31	.54	2.89a	16.44	14.89a	110
Highline Trail*						6/4	Data Not Available - USU				
King's Cabin (upper)	5/31	0	0.0	0.0	- -	5/31	.23	2.60	11.45	16.81	68
Reynolds Park A	6/4	Flight Delayed		- -	3.8						
Spirit Lake	5/31	0	0.0	12.7	10.1	5/31	.00	3.68b	18.40	22.38b	82
Windy Park A	6/4	Flight Delayed		- -	0.0						
McCoy Park*						5/31	1.05	- -	- -	- -	- -
Lakefork Mountain	5/29	0	0.0	0.0	3.2	5/29	.35	2.26	13.89	17.49	79
DUCHESNE RIVER											
Atwood Basin A	6/4	Flight Delayed		- -	0.0						
Chepeta-Whiterocks Lakes A	6/4	Flight Delayed		- -	13.3						
Current Creek	5/30	0	0.0	0.0	0.0	5/31	.28	1.34b	17.13	17.24b	99
Daniels-Strawberry Summit	5/24	0	0.0	0.0	0.0	5/24	.65	1.64	23.63	22.17	106
Five Point Lake A	6/4	Flight Delayed		0.0	8.6						
Indian Canyon	5/30	0	0.0	0.0	0.0	5/30	.03	1.71b	10.59	17.37b	61
Julius Park	5/29					5/29	.00	2.63b	12.35	18.35b	67
Lakefork Basin A	6/4	Flight Delayed		- -	16.3						
Lightning Lake A	6/4	Flight Delayed		- -	- -						
Mosby Mountain	5/29	0	0.0	0.0	0.0	5/29	.00	2.65a	11.45	15.91a	72
Paradise Park	5/29	0	0.0	5.9	8.8	5/29	.00	2.50	12.67	20.56	62
Rock Creek	5/29	0	0.0	0.0	0.0	5/29	.24	1.59	11.07	14.79	75
Strawberry Divide	5/29	0	0.0	- -	- -						
PRICE RIVER											
Gooseberry Reservoir	5/30	0	0.0	0.0	0.0	5/30	.20	2.04	25.18	23.62	107
Mud Creek #2	5/31	0	0.0	0.0	0.0	5/31	.30	1.66	17.07	18.56	92
White River #1	5/31	0	0.0	0.0	0.0	5/31	.20	1.41	18.03	18.30	98
SAN RAFAEL RIVER											
Buck Flat	5/30	0	0.0	0.0	0.0	5/30	.85	2.15	24.80	22.43	110
Orange Olsen	5/29	0	0.0	0.0	0.0	5/29	.15	.79a	8.55	10.85a	79
Red Pine Ridge	5/29	0	0.0	0.0	0.0	5/29	.40	1.93	27.40	25.74	106
Stuart Ranger Station	5/28	0	0.0	0.0	0.0	5/28	.25	1.40b	14.40	15.72b	92
FREMONT RIVER											
Blacks Flat-U.M. Creek	5/28	0	0.0	0.0	0.0	5/28	.30	1.81	19.80	16.28	122
Fish Lake	5/28	0	0.0	0.0	0.0	5/28	.45	1.40b	14.05	12.48b	112
MILL CREEK											
LaSal Mountain (upper)	5/30	0	0.0	5.6	- -	5/30	.15	2.31b	18.55	20.57b	91
SAN JUAN RIVER											
Buckboard Flat	5/29	0	0.0	2.4	0.0	5/29	1.20	1.73	15.90	22.26	71
Camp Jackson	5/29	0	0.0	0.0	0.0	5/29	.32	1.33b	13.62	19.28b	70
VIRGIN RIVER											
Webster Flat	5/31	0	0.0	6.9	0.0	5/31	.05	1.90b	19.90	24.98	80

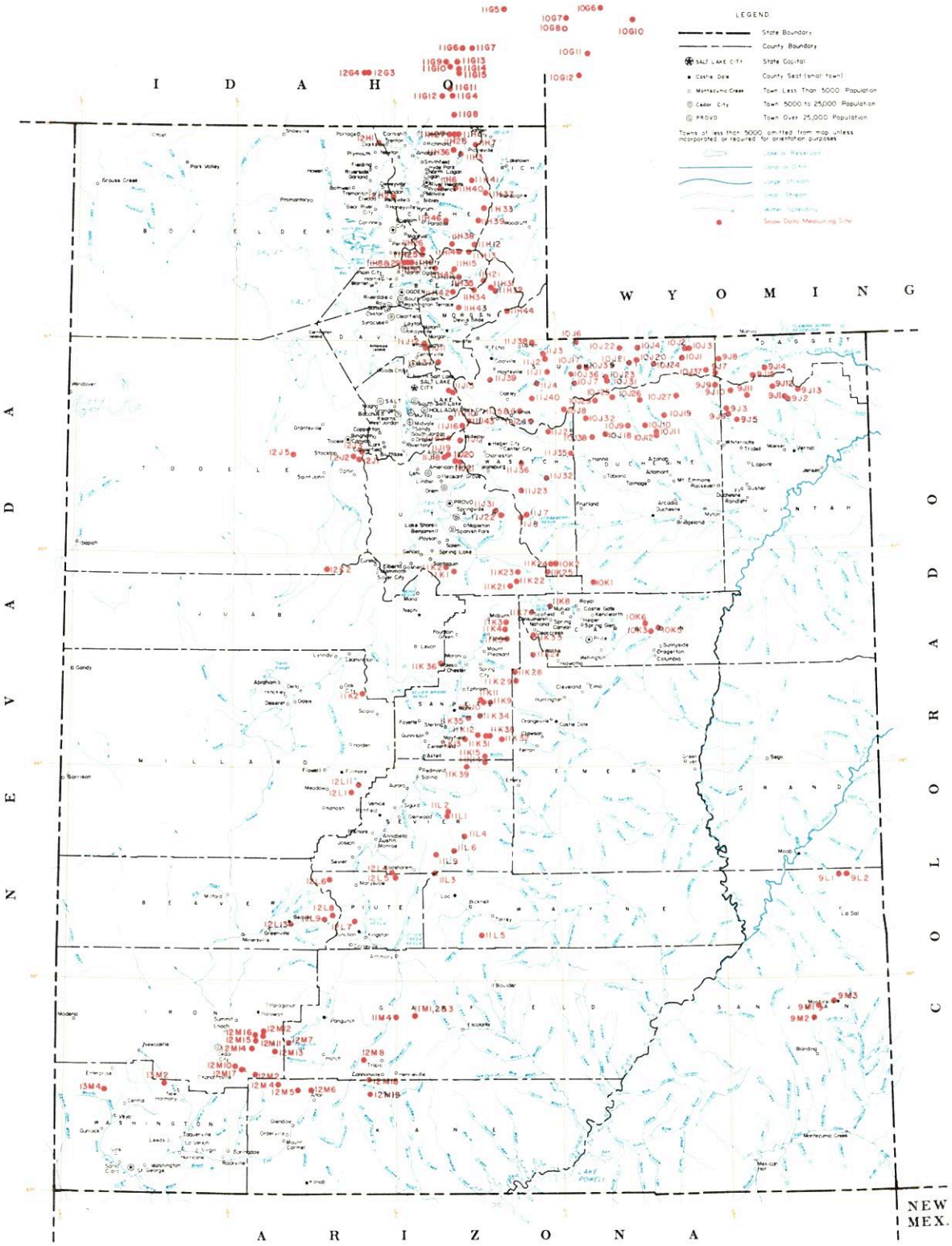
USDA SCS PORTLAND, OREGON 1974 M7-0-22027Y

+ 1958-1972 period.

SNOW	THIS YEAR			PAST RECORD		PRECIPITATION (Inches)					
DRAINAGE BASIN and/or SNOW COURSE NAME	Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Water Content (inches) Last Year	Water Content (inches) Average +	CURRENT INFORMATION Date of Reading	CURRENT INFORMATION Month's Precipitation	CURRENT INFORMATION Average +	FROM APPROX. OCT 1 TO DATE This Year	FROM APPROX. OCT 1 TO DATE Average +	FROM APPROX. OCT 1 TO DATE Percent of Average
CORRECTIONS TO PREVIOUSLY PUBLISHED 1974 DATA											
JANUARY 1, 1974											
Merchant Valley	12/21	13	2.7	4.2	- -	12/21	- -	- -	3.26	- -	- -
FEBRUARY 1, 1974											
No Corrections											
MARCH 1, 1974											
Webster Flat	2/27	40	13.3	19.1	12.0b	2/27	1.30a	3.92	13.85	15.67	88
APRIL 1, 1974											
Daniels-Strawberry Summit	3/28	28	11.8	16.3	14.2	3/28	1.23	3.01	17.13	17.61	97
Parley's Canyon Summit	3/29	50	18.9	19.2	17.9	3/29	2.10a	3.86	23.23	22.02	105
Payson Ranger Station	4/5	55	20.3	25.8	17.3	4/5	- -	3.06	21.85	17.69	124
Rock Bridge	4/5	38	18.5	17.8	10.8						
Steep Hollow #1	4/1	112	41.8	28.0	38.4b						
Webster Flat	3/28	31	11.9	28.4	15.3	3/28	2.60	3.60	16.45	19.27	85
MAY 1, 1974											
Daniels-Strawberry Summit	4/26	28	12.4	14.4	7.8	4/26	5.85	2.92	22.98	20.53	112
Parley's Canyon Summit	4/30	42	18.9	17.4	12.2	4/30	8.20a	4.71	31.43a	26.73	118
Webster Flat	4/29	12	6.2	28.9	10.8	4/29	3.40	3.81	19.85	23.08	86

+ 1958-1972 period.

USDA SCS PORTLAND OREGON 1974 M7-0-22027Y



SNOW COURSES AND RELATED DATA MEASURING SITES

UTAH

1974

SCALE 1:1,500,000

ALBERS EQUAL AREA PROJECTION

USGS National Atlas 1:1,000,000 Albers Equal-Area projection (1967) used as source for base map and adapted for SCS use.

INDEX TO UTAH, BEAR & UPPER COLORADO RIVER BASINS

GREAT BASIN DRAINAGE

UPPER BEAR RIVER (above Harer, Idaho)

NO	STATE	NAME	SEC	TWP	RGE	ELEV
10G11	W	Big Park	7	27N	117W	8,700
10J6P	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
10J7P	U	Hayden Fork	25	1N	9E	9,400
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)

NO	STATE	NAME	SEC	TWP	RGE	ELEV
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 Mountain	29	14N	2W	6,300
11G12	I	Cub River Ranger Station	5	15S	41E	5,400
11H33P	U	Curtis Creek	12	10N	4E	8,450
11H39p	U	Deer Springs	34	10N	4E	8,400
11G14a	I	Dry Basin	30	13S	42E	7,900
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
11G8MP	I	Franklin Basin	1	16S	41E	8,000
11H7MP	U	Garden City Summit	34 & 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	8,240
11H26	U	Little Bear (lower)	15	8N	1E	6,000
11H25P	U	Little Bear (upper)	22	8N	1E	6,550
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
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

OGDEN RIVER

NO	STATE	NAME	SEC	TWP	RGE	ELEV
11H14M	U	Beaver Creek-Skunk Creek	22	8N	3E	7,150
11H8P*	U	Ben Lomond Peak	3	7N	1W	8,000
11H9P	U	Ben Lomond (lower)	1	7N	1W	6,000
11H30P	U	Ben Lomond Trail	2	7N	1W	6,000
11H35p	U	Causey Dam	34	7N	3E	5,500
11H29	U	Cutler Creek	3	7N	1W	6,780
11H13MP	U	Dry Beard 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
11H15P	U	Sagebrush Flat	21	7N	3E	6,300

WEBER RIVER

NO	STATE	NAME	SEC	TWP	RGE	ELEV
11J24	U	Beaver Creek R.S.	28	2S	7E	7,500
11J1P	U	Chalk Creek #1	4	1N	8E	9,100
11J2MP	U	Chalk Creek #2	17 & 20	2N	8E	7,900
11J3MP	U	Chalk Creek #3	7	2N	8E	7,500
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
11H21PT	U	Horse Ridge	1	6N	4E	8,260
11H31P	U	Kilfore Creek	20	6N	5E	7,300
11H32P	U	Lost Creek	27	6N	5E	6,125
11J43	U	Park City Smt.	20	2S	4E	9,300
11J15PTS*	U	Parley's Canyon Summit	5	1S	3E	7,500
11J38p	U	Porcupine	22	3N	7E	8,100
11J6	U	Redden Mine (lower)	1	2S	6E	8,500
11J5P	U	Redden 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
11J4P	U	Smith & Morehouse	25	1N	7E	7,600

PROVO RIVER & UTAH LAKE

NO	STATE	NAME	SEC	TWP	RGE	ELEV
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 #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	27	7S	5E	7,420
11J36P	U	Lake Creek	36	4S	6E	9,100
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
11J18P	U	Timpanogos Cave Camp	27	4S	2E	5,500
11[illegible]	U	Timpanogos Divide	33	4S	3E	8,140
1[illegible]	U	Trial lake	5	2S	9E	9,800

JORDAN RIVER & GREAT SALT LAKE

NO	STATE	NAME	SEC	TWP	RGE	ELEV
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
11J41P	U	Lamb's Canyon #2	21	1S	3E	7,400
12J3P	U	Middle Canyon	8	4S	3W	7,000
11J10	U	Mill D South Fork	18	2S	3E	7,400
12J1P	U	Rocky Basin-Settlement Canyon	30	4S	3W	8,900
11J16P	U	Silver Lake (Brighton)	35	2S	3E	8,725
11J42	U	Snow Bird (Gad Valley)	18	3S	3E	10,000
12K2P	U	Vernon Creek	21	10S	5W	7,500

UPPER SEVIER RIVER (South of Richfield, Utah)

NO	STATE	NAME	SEC	TWP	RGE	ELEV
12L4P	U	Box Creek	33	26S	2W	9,800
12M8	U	Bryce Canyon	36	36S	4W	8,000
12M13P	U	Castle Valley	23	36S	8W	9,700
12M4P	U	Duck Creek R.S.	11	38S	8W	8,700
12M18	U	Farview	32	37S	4W	8,200
12M5	U	Harris Flat	24	38S	7W	7,700
11L9P	U	High-Top Mountain	36	25S	1E	11,400
12L6P	U	Kimberly Mine	11	27S	5W	9,300
12M2M	U	Midway Valley	26	37S	9W	9,800
12M7P	U	Panguitch Lake	4 & 5	36S	7W	8,200
12M19	U	Rainbow Point	29	38S	4W	9,100
12L5	U	Squaw Springs	3	27S	2W	9,300
11M4P	U	Widtsoe R.S.	22	34S	2W	7,600

LOWER SEVIER RIVER (Including San Pitch River)

NO	STATE	NAME	SEC	TWP	RGE	ELEV
11K13P	U	Beaver Dam	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
11L2P	U	Gooseberry R.S.	22	23S	2E	8,400
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
11K39PT	U	Pickle Keg Springs	4	21S	3E	9,600
12L1P	U	Pine Creek	24	22S	4W	8,700
11K36	U	Rees's Flat	20	15S	2E	7,300
12L11P	U	Shingle Mill	5	22S	3W	6,200
11K35	U	Thistle Flat	23	18S	3E	8,500

BEAVER RIVER

NO	STATE	NAME	SEC	TWP	RGE	ELEV
12L13	U	Beaver Race Track	23	29S	7W	6,020
12L7PT	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

PAROWAN CREEK

NO	STATE	NAME	SEC	TWP	RGE	ELEV
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	9W	8,300
12M15P	U	Tall Poles	26 & 35	35S	9W	8,800
12M11P	U	Yankee Reservoir	20	35S	8W	8,700

COAL CREEK

NO	STATE	NAME	SEC	TWP	RGE	ELEV
12M17	U	CSU Ranch	18	37S	9W	8,200
12M10	U	Urie Flat	11	37S	10W	8,450

ENTERPRISE TO NEW HARMONY DRAINAGES

NO	STATE	NAME	SEC	TWP	RGE	ELEV
13M4MP	U	Little Grassy Creek	15	38S	17W	6,100
13M2MP	U	Long Flat	2	38S	14W	8,000

COLORADO RIVER DRAINAGE

UPPER GREEN RIVER IN UTAH (above Duchesne River)

NO	STATE	NAME	SEC	TWP	RGE	ELEV
9J11aP	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
10J24ap	U	Henry's Fork	29	2N	14E	10,000
10J4P	U	Hewinta G.S.	33	3N	13E	9,500
9J8P	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
9J10aP	U	Reynolds Park	9	1S	18E	10,400
9J7P	U	Spirit Lake	10	1N	17E	10,300
10J20p	U	Steel Creek Park	17	2N	13E	9,900
10J31P	U	Tokewanna Peak	23	1N	11E	9,800
9J12ap	U	Windy Park	1	1S	20E	9,400

DUCHESNE RIVER

NO	STATE	NAME	SEC	TWP	RGE	ELEV
10J27ap	U	Atwood Basin	21	1S	15E	10,250
10J9P	U	Brown Duck Lake	2	2N	6W	10,300
9J14P	U	Burnt Creek	4	1N	20E	7,900
9J9ap	U	Chepeta-Whiterocks Lakes	3	1S	17E	10,300
11J32MP	U	Currant Creek	31	1S	10W	7,800
10J26ap	U	Five Point Lake	28	4N	5W	11,000
9J13P	U	Grizzley Ridge	8	1S	22E	8,500
10K1P	U	Indian Canyon	2	11S	10E	9,100
10J19P	U	Jackson Park	23	3N	4W	11,300
9J6P	U	Julius Park	20	3N	1E	9,800
10J38P	U	Lake Basin	23	3S	8W	10,800
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
10J29p	U	Lightning Lake	24	4N	8W	10,950
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
10J32P	U	Shadow Lake	28	3N	8W	10,150
11J35P	U	West Fork of the Duchesne	22	1N	19E	10,250

PRICE RIVER

NO	STATE	NAME	SEC	TWP	RGE	ELEV
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
11K7	U	Jones Ranch	32	12S	7E	7,600
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

NO	STATE	NAME	SEC	TWP	RGE	ELEV
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
10K2MP	U	Rush Pond	24	19S	4E	9,800
11K9	U	Seeley Creek	25	17S	4E	10,000
11K27P	U	Stuart R.S.	8 & 9	15S	7E	7,950
11K29	U	Upper Joe's Valley	21	16S	6E	8,900
11K32	U	Wrigley Creek	27	19S	5E	9,000

MUDDY RIVER

NO	STATE	NAME	SEC	TWP	RGE	ELEV
11K14	U	Black's Fork	34	20S	4E	9,200
11K15P	U	Dill's Camp	27	20S	4E	9,200

FREMONT RIVER

NO	STATE	NAME	SEC	TWP	RGE	ELEV
11L4P	U	Black's Flat-U.M. Creek	33	24S	3E	9,250
11L5	U	Donkey Reservoir	9	30S	4E	9,800
11L3P	U	Fish Lake	35	26S	1E	8,700
11L6	U	Johnson Valley	24	25S	2E	8,850

SOUTHEASTERN UTAH DRAINAGES

NO	STATE	NAME	SEC	TWP	RGE	ELEV
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
9M3	U	Monticello Park	25	33S	23E	7,050

ESCALANTE RIVER

NO	STATE	NAME	SEC	TWP	RGE	ELEV
11M1	U	Widtsoe-Escalante Summit	22	34S	1W	9,500
11M2PT	U	Widtsoe-Escalante #2	22	34S	1W	9,500
11M3P	U	Widtsoe-Escalante #3	22	34S	1W	9,500

VIRGIN RIVER

NO	STATE	NAME	SEC	TWP	RGE	ELEV
12M6	U	Long Valley Junction	22	38S	6W	7,500
12M3MPT	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
*	Adjacent Drainage

FALL WATER SUPPLY SUMMARY FOR UTAH

U. S. DEPARTMENT of AGRICULTURE ★ SOIL CONSERVATION SERVICE

Collaborating with

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

Data included in this report were obtained by the agencies named above in cooperation with Federal, State and private organizations listed inside the back cover of this report.

HYDROLOGIC DATA
1974 WATER YEAR

WATER SUPPLY OUTLOOK FOR UTAH

and

FEDERAL - STATE - PRIVATE COOPERATIVE SNOW SURVEYS

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Report prepared by

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SOIL CONSERVATION SERVICE
SNOW SURVEY SECTION
FEDERAL BLDG., ROOM 4012
SALT LAKE CITY, UTAH 84138

USDA-SCS-PORTLAND, OREG. 1974 M7-L-22027B

WATER SUPPLY OUTLOOK

SUMMARY
as of
OCTOBER 1, 1974

Utah's 1974 water supply varied from "much above" average in northern and central Utah to "much below" average in southern Utah and Uintah Basin. Streamflow was better than forecast in the north and less than the May 1 forecasts in the southern part of the state and in Uintah Basin.

Summer mountain precipitation has ranged from about 20 to 80 percent of average causing Fall soil moisture to be well below average in most areas.

Reservoir storage is 95 percent of the 15 year average (1958-72) for October 1 and about 12 percent less than last October 1. Southern Utah storage was used heavily as a result of low streamflow and a dry irrigation season. Sevier River storage is now only 61 percent of the October 1 average (1958-72).

The following table shows streamflow forecasts made last May 1 compared to provisional flows measured by the U.S. Geological Survey and the Bureau of Reclamation.

Station	Forecast Period	May 1 Forecast (1000 A.F.)	Measured Flow for the Period (1000 A. F.)
BEAR RIVER			
Bear nr Woodruff	May-July	155	154
Bear nr Randolph	May-July	125	130
Bear nr Ut-Wyo. State Line	May-July	140	121
Logan nr Logan	May-July	117	136
Little Bear nr Paradise	May-June	29	34
Woodruff Crk nr Woodruff	May-July	17.2	18
Blacksmith Frk nr Hyrum	May-July	40	52
WEBER-OGDEN RIVERS			
Chalk Creek at Coalville	May-June	40	48
East Cyn. Creek nr Morgan	May-June	20	21
Pineview Reservoir Inflow	May-June	100	115
South Fork Ogden nr Huntsvlle	May-June	54	49
Weber nr Oakley	May-June	130	118
PROVO RIVER & UTAH LAKE			
Hobble Crk nr Springville	May-July	14.0	18.5
Spanish Fork at Thistle	May-July	33	34
Strawberry Reservoir Inflow	May-July	40	43
Utah Lake Inflow	May-July	200	153

USDA SCS PORTLAND OREG 1983

WATER SUPPLY OUTLOOK (continued)

Station	Forecast Period	May 1 Forecast (1000 A.F.)	Measured Flow for the period (1000 A. F.)
JORDAN RIVER AND SALT LAKE			
Big Cottonwood nr Salt Lake	May-July	36	39
Parleys Creek nr Salt Lake	May-July	11.0	16.0
TOOELE VALLEY			
Vernon Creek nr Vernon	May-July	0.4	0.6
DUCHESNE RIVER			
Rock Creek nr Mountain Home	May-July	93	81
Whiterocks nr Whiterock	May-July	40	28
Flaming Gorge Inflow	April-July	1603	1430
MUDDY RIVER			
Muddy Creek nr Emery	May-July	21	19.0
UPPER COLORADO BASIN			
Colorado nr Cisco, Utah	April-July	2983	2807
Green at Green River, Utah	April-July	3771	3422
San Juan nr Bluff, Utah	April-July	690	364
SEVIER RIVER			
Clear Creek nr Sevier	May-July	13.7	11.9
Salina Creek at Salina	May-June	13.0	31
Sevier at Hatch	May-July	18.7	13.2
Sevier nr Kingston	May-July	4.0	1.7
Sevier nr Gunnison	May-July	50	39
BEAVER RIVER			
Beaver nr Beaver	May-July	19.0	18.1
VIRGIN RIVER			
Virgin nr Virgin	May-June	13.0	10.0
COAL CREEK			
Coal Creek nr Cedar City	May-July	10.0	6.1

WSFB-X2-L

RESERVOIR STORAGE (Thousand Acre Feet) END OF MONTH OCTOBER 1, 1974

Basin or Stream	RESERVOIR	Usable Capacity	Usable Storage		
			This Year	Last Year	Average†
GREAT BASIN					
Bear River	Bear Lake	1421.0	1105.6	1153.1	1040.0
	Woodruff Narrows	26.5	14.0	16.9	26.3
Beaver River	Minersville (RkyFd)	23.3	3.1	11.6	14.0
Little Bear	Hyrum	15.3	6.2	10.5	14.2
	Porcupine	11.3	2.7	3.0	9.8
Ogden	Causey	6.9	1.5	2.0	2.5
	Pineview	110.1	55.4	66.2	67.8
Provo	Deer Creek	149.7	81.1	103.9	103.5
Settlement Creek	Settlement Creek	1.2	0.2	1.2	- -
Sevier River	Gunnison	18.2	4.4	4.1	13.7
	Otter Creek	52.5	18.1	- -	37.5
	Piute	71.8	5.3	20.8	43.8
	Sevier Bridge	236.0	100.6	123.4	114.1
Spanish Fork	Strawberry	270.0	201.9	200.1	129.3
Utah Lake	Utah Lake	883.9	608.1	740.3	667.7
Weber	East Canyon	48.1	29.6	32.5	25.6
	Echo	73.9	23.8	41.0	53.9
	Lost Creek	20.0	11.8	12.6	11.3
	Rockport	60.9	48.7	59.2	30.5
	Willard Bay	193.3	161.2	166.0	161.7
COLORADO RIVER BASIN					
Ashley Creek	Steinaker	33.3	10.9	20.7	22.6
Colorado	Blue Mesa	829.5	578.4	715.6	- -
	Lake Powell	25002.0	18011.0	17284.0	8370.8
Green	Flaming Gorge	3749.0	3582.0	3180.0	1629.0
Lakefork	Moon Lake	35.8	1.4	17.7	19.0
Price River	Scofield	65.8	32.2	42.2	34.4
San Juan	Navajo	1696.0	1009.6	1393.1	- -
San Rafael	Huntington North	3.9	0.0	4.0	3.3
	Joe's Valley	54.6	35.2	37.4	34.3
	Mill Site	16.7	2.1	6.3	- -
Strawberry	Starvation	165.3	45.9	139.6	- -
Uintah	Bottle Hollow	11.3	9.2	10.7	- -

USDA-SCS-PORTLAND, OREG. 1969

U T A H P R E C I P I T A T I O N D A T A

1974 WATER YEAR

STATION NAME	OCT.-DEC.		JANUARY		FEBRUARY		MARCH		APRIL		MAY		JUNE		JULY-SEPT.		TOTAL
B E A R R I V E R B A S I N																	
BUG LAKE	*		1/30	5.00	2/26	4.09	4/01	2.15									
BURTS-MILLER							3/26	10.95	4/24	5.55	5/24	.50	6/25	1.08	9/25	.97	19.05
CINNAMON CREEK	*		*		*		*		4/25	4.01	5/31	1.11					
CLARKSTON MTN	1/03	8.85	1/30	4.86	2/26	3.85	4/01	2.00	4/25	3.89	5/31	2.26					
CURTIS CREEK	1/03	18.06	1/30	6.39	2/26	4.41	4/01	3.67									
FRANKLIN BASIN	*		1/30	5.39	*		*		4/25	7.36							
GARDEN CTY SMT	12/20	6.03	1/29	7.85	2/28	3.27	4/01	4.15	4/26	2.35	5/28	1.65	6/27	.40	9/24	1.12	26.82
GEORGE PEAK	1/03	9.87	1/30	2.78	2/26	3.11	4/01	3.26	4/25	3.51							
GOLD HILL	1/03	13.76	1/30	4.05	2/26	3.11	4/01	2.68	4/25	8.07	5/31	1.33					
HARDWARE RANCH	*		1/30	1.80	2/26	1.45	4/01	1.21	4/25	2.74							
HAYDEN FORK							3/26	21.60	4/24	7.83	5/24	1.20	6/25	1.27	9/25	2.50	34.40
HELL CANYON	1/03	15.34	1/30	6.65	2/26	4.32	4/01	3.80	4/25	4.17	5/31	3.38					
HERD HOLLOW	*		1/30	4.00	2/26	3.13	4/01	2.44			6/04	1.99					
KLONDIKE NARR	*		1/30	7.80	2/26	5.48	4/01	5.17									
LILY LAKE	1/03	9.44	1/30	2.58	2/26	1.91	4/01	2.03	*		*		*		8/16		27.10
LITTLE BEAR UP	*		1/30	5.42	2/26	3.82	4/01	2.97	4/25	1.85							
MONTE CRISTO	12/18	10.98	1/27	10.24	3/03	6.26	3/30	4.10	4/30	6.64	5/30	1.66	6/28	1.28	9/27	2.80	43.96
PARADISE CYN	*		1/30	6.13	2/26	4.84	4/01	3.04	4/25	4.76	5/30	2.68					
SALT RIVER SMT	12/27	8.05	1/30	4.05	2/26	2.30	3/28	4.30	4/28	3.00	5/31	1.75	6/28	.65	9/30	2.20	26.30
STILLWATER CMP							3/26	14.40	4/24	6.60	5/24	.72	6/25	.95	9/25	2.60	25.27
TONY GROVE LK	*		1/30	7.98	2/26	5.95	4/01	5.98									
TONY GROVE RS	1/03	10.78	1/30	3.27	2/26	1.47	4/01	2.72	4/25	3.93	5/31	1.87					
TRIGARA SPRING	*		1/30	4.92	2/26	3.60	4/01	3.45	4/25	4.83	5/31	2.37					
WILLOW FLAT			1/29	19.23	2/28	4.75	3/27	3.30	4/30	5.50	6/03	1.70	6/28	1.15	9/30	1.89	37.52
KELLY RS	*		1/30	3.39	2/26	2.35	4/01	2.65									
HYRUM DAM	*		1/30	2.23	2/26	2.10											
W E B E R - O G D E N R I V E R B A S I N S																	
BEN LOMOND LOW			1/26	12.35	2/24	4.39	3/31	4.15	4/29	5.11	5/30	2.63	6/28	.85	* *	3 78	33.26
BEN LOMOND TR	*		*		*		*		*		*		*		*		
BEN LOMOND PK	1/03	17.04	*		*		4/01	3.65	4/25	5.70	5/31	4.63	*		*		
CAUSEY DAM	12/18	5.69	1/27	6.72	2/23	2.58	3/30	1.95	4/30	2.75	5/30	1.27	6/28	.22	9/27	1.80	22.98
CHALK CREEK 1																	
CHALK CREEK 2									5/01	5.28							
CHALK CREEK 3	12/26	6.89	1/29	3.95	2/22	1.85	3/26	2.35	4/25	6.43	5/28	.53	6/27	.96	9/23	1.22	24.18
DRY BREAD POND	12/18	5.65	1/27	7.01	3/03	4.79	3/30	2.65	4/30	5.36	5/30	.83	* *	93	* *	2 37	29.59

NOTE: BLANK SPACES INDICATE NO READING TAKEN, NEXT READING IS CUMULATIVE(EXCEPT AS NOTED *)
*: GAGE MOLESTED, DATA FOR THIS PERIOD LOST **ESTIMATED

U T A H P R E C I P I T A T I O N D A T A

1974 WATER YEAR

STATION NAME	OCT.-DEC.		JANUARY		FEBRUARY		MARCH		APRIL		MAY		JUNE		JULY-SEPT.		TOTAL
FARMINGTON GS	12/26	10.50			2/28	14.91			4/30	12.05	6/03	3.37	7/01	.60	9/27	1.40	42.83
FARMINGTONRICE	12/26	10.79			2/28	13.85			4/30	12.31	6/03	3.76	7/01	.45	9/27	1.32	42.48
FRANCIS CANYON	*		1/30	2.94	2/26	1.95	4/01	1.09	*		*				9/30		24.30
GUILDERS PEAK	*		*		2/26	2.92	4/01	2.29	*		*		*		*		
HARDSCRABBLE	1/03	15.15	1/30	5.21	2/26	4.54	*		4/25	8.77	6/04	3.02	*		*		
HOODOO KNOLL																	
HORSE RIDGE	12/14	8.88			2/26	16.56			4/30	10.58	5/31	1.10	7/02	1.16	9/30	2.30	40.58
LOST CREEK	12/14	3.68			2/26	6.28							7/02	5.81	9/30	.90	16.67
MAGPIE	*		*		2/26	6.02	4/01	3.02	*		*		*		*		
MIDDLE FK OGDN	*		1/30	6.60	2/26	4.16	4/01	2.74	4/25	6.28	5/31	2.95	*		*		
PARLEY CYN SMT	12/27	9.90	1/30	7.86	2/27	3.37	3/29	2.53	4/30	8.20	5/29	1.08	6/27	.85	9/24	1.02	34.81
PORCUPINE	1/03	9.81	1/30	3.51	2/26	2.47	4/01	1.75	4/25	7.88	5/31	1.41	*		*		
REDDEN MINE UP					2/25	20.28	3/26	2.15	4/26	11.20	5/29	1.03	6/26	.99	9/25	1.29	36.94
SAGEBRUSH FLAT	12/18	3.56	1/27	6.85	2/23	2.75	3/30	2.10	4/30	3.09	5/30	1.28	6/28	.33	9/27	.80	20.76
SARGEANT LAKES	1/03	11.00	1/30	4.03	2/25	2.66	4/01	1.84	4/25	7.70	6/04	1.51	*		*		
SHINGL MIL FLT	1/03	15.36	1/30	3.64	2/26	3.55	4/01	2.63	4/25	10.11	6/04	1.23	*		*		
SM MOREHOUSE	12/27	7.58	1/30	6.47	2/25	2.58	3/24	2.08	4/25	8.19	5/24	.95	6/25	1.10			
FARMINGTON UP	12/31	8.30	1/31	13.90	2/28	4.70	3/31	2.40	4/30	8.90	5/31	3.00	6/28	1.00	9/17	1.60	43.80

U T A H L A K E - J O R D A N R I V E R B A S I N

CLEAR CR RDG 2	*		*		*		3/26	1.00	4/25	5.10	5/31	.45	6/26	.40	10/07	2.55	
DANIEL STR SMT	12/27	7.46	1/30	6.14	2/27	2.30	3/28	1.23	4/26	5.85	5/24	.65	6/26	.68	10/01	2.03	26.34
DUTCHMAN RS	1/03	8.32	1/30	2.62	2/27	2.34	3/28	1.55	4/29	6.10	5/30	.70	* *	56	*		
EAST PORTAL	12/31	10.04	1/31	3.12	2/28	2.35	3/30	1.35	4/30	4.20	5/31	.17	6/30	.54	10/01	2.95	24.72
HOBBLE CR SMT			1/25	13.35	2/26	2.90	3/27	1.00	4/26	4.65	5/31	.50	6/27	.55			
LAKE CREEK	10/31	2.01											6/26	30.25	10/01	2.05	34.31
LAMBS CANYON	12/27	7.62	1/30	5.13	2/27	2.57	3/29	2.79	* *	6 80	5/29	1.20	6/27	.70	*		
PAYSON RS	12/27	8.40	1/29	7.10	2/22	1.90	4/05	4.45	4/24	3.55	5/31	.30	6/26	.45	10/07	2.50	28.65
ROCKY BASIN					2/28	18.34	4/01	2.23	5/01	8.37			7/01	.70			
SOAPSTONE RS	12/28	8.08	1/31	5.15	2/26	2.30	3/24	1.25	4/30	7.10	5/29	.28	6/25	.82	* *	1 71	26.69
TRIAL LAKE	1/03	13.48	1/31	4.63	2/26	3.05	3/24	2.10	4/30	10.08	5/29	.85	6/25	1.04	9/26	2.55	37.78
VERNON CREEK			1/26	8.19	2/24	1.25	3/31	1.25	4/28	2.00	6/03	1.00	6/28	0.00	9/30	1.82	15.51
MIDDLE CYN	*		*		2/28	2.50	3/31	2.75	4/26	9.25	*		*				

D U C H E S N E - G R E E N R I V E R B A S I N

ASHLEY TWIN LK															9/05		19.33
BLACKS FRK JCT					2/21	11.70	3/26	1.73	4/23	6.10	5/23	.72	6/24	1.30	9/24	2.88	24.43
BROWN DUCK RDG							3/28	15.40					6/27	4.93	8/13	1.06	21.39

NOTE: BLANK SPACES INDICATE NO READING TAKEN, NEXT READING IS CUMULATIVE(EXCEPT AS NOTED *)
*: GAGE MOLESTED, DATA FOR THIS PERIOD LOST **ESTIMATED

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U T A H P R E C I P I T A T I O N D A T A

1974 WATER YEAR

STATION NAME	OCT.-DEC.		JANUARY		FEBRUARY		MARCH		APRIL		MAY		JUNE		JULY-SEPT.		TOTAL
BURNT CREEK	12/18	4.85	1/30	2.00	2/21	1.40	3/22	1.25	4/24	3.19	5/31	.20	6/27	.67	9/30	3.15	16.71
CHEPETA WTROCK															8/20		18.59
CURRANT CREEK	12/20	4.30					4/01	8.97	4/29	3.58	5/31	.28	6/26	.43	9/30	1.64	19.20
E FK BLACKS FK					2/21	11.62	3/26	1.87	4/23	6.38	5/23	.85	6/24	1.42	9/24	2.43	24.57
FIVE POINT LK															8/29		29.37
GRIZZLY RIDGE	12/18	.46	0/13	0 .28	0/22	2 . 8	0/32	0 .14	5/42	2 .45	0/53	1 . 6	0/62	7 . 9	9/**	.18	91.76
HENRYS FORK															9/17		14.10
HEWINTA GS					2/21	12.96	3/26	2.38	4/23	6.42	5/23	.95	6/24	1.36	9/24	1.94	26.01
HICKERSON PARK					2/21	9.25	3/22	1.35	4/23	5.30	5/31	.54	6/27	.45	9/30	4.00	20.89
HIGHLINE TRAIL	1/03	8.70	*		2/26	1.73	*		*		*		*		9/05		46.99
INDIAN CANYON	12/20	3.05	1/28	4.21	2/27	.35	3/25	.78	4/30	2.17	5/30	.03	7/03	.02	9/30	2.45	13.06
JACKSON PARK							3/27	10.42									
JULIUS PARK	12/19	3.95	1/29	2.55	2/25	.80	3/21	1.20	4/25	3.85	5/29	0.00	6/28	.20	*		
KINGS CABIN UP	12/18	3.55			2/22	2.50	3/20	1.10	4/22	4.07	5/31	.23	6/27	.95	9/30	1.65	14.05
LAKEFORK BASIN															8/28		34.75
LAKEFORK MTN	12/20	4.97	1/30	4.62	2/26	0.00	3/26	1.19	4/26	2.76	5/29	.35			9/27	2.22	16.11
LIGHTNING LAKE															8/27		39.29
MCCOY PARK	1/03	9.26	*		*		*		*		5/31	1.05	*		8/16		21.40
MOSBY MOUNTAIN	12/19	3.85	1/29	2.38	2/25	.72	3/21	.84	4/25	3.66	5/29	0.00	6/28	.40	9/25	2.25	14.10
PARADISE PARK	12/19	4.05	1/29	2.65	2/25	.85	3/21	1.67	4/25	3.45	5/29	0.00	6/28	.40	9/25	2.80	15.87
REYNOLDS PARK															8/08		21.53
ROCK CREEK							3/29	8.69	4/29	2.14	5/29	.24	6/27	.37	9/27	2.75	14.19
SHADOW LAKE															8/26		35.98
SPIRIT LAKE					2/21	10.85	3/22	1.95	4/22	5.60	5/31	0.00	6/27	1.90	9/30	2.98	23.28
STEEL CRK PARK																	
WINDY PARK															9/05		9.48
W FK DUCHESNE	10/31	1.10											6/26	26.43	10/01	2.65	30.18
ATWOOD BASIN																	
BUCK PASTURE													6/24	27.70	*		
KIDNEY LAKES																	
LAKE BASIN	10/30	.63							4/29	21.69			6/26	1.60	10/01	2.81	26.73

P R I C E - S A N R A F A E L - F R E M O N T R I V E R B A S I N S

BLACKS FLAT UM					2/25	12.35	3/25	1.76	4/24	5.39	5/28	.30	7/05	.14	9/27	5.71	25.65
BUCKBOARD FLAT					2/25	10.75	3/26	1.30	4/25	2.65	5/29	1.20	7/01	.10	10/07	6.00	22.00
BUCK FLAT	12/28	7.85	1/30	6.55	2/27	2.20	3/27	1.90	4/26	5.45	5/30	.85	6/26	.20	9/26	3.00	28.00
CAMP JACKSON					2/25	10.55	3/26	1.10	4/25	1.65	5/29	.32	7/01	0.00	10/07	6.95	20.57
DILLS CAMP					2/26	14.40	3/26	1.45					6/26	5.95	9/26	3.50	25.30
FISH LAKE					2/25	8.35	3/25	.97	4/24	4.28	5/28	.45	7/05	.19	9/27	3.49	17.73
GOOSEBERRY RES	12/26	7.48	1/30	8.20	2/27	2.30	3/28	1.40	4/29	5.60	5/30	.20	6/26	.30	9/26	3.00	28.48

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*: GAGE MOLESTED, DATA FOR THIS PERIOD LOST **ESTIMATED

U T A H P R E C I P I T A T I O N D A T A

1974 WATER YEAR

STATION NAME	OCT.-DEC.		JANUARY		FEBRUARY		MARCH		APRIL		MAY		JUNE		JULY-SEPT.		TOTAL
LASAL MTN UP					2/26	11.65	3/25	.70	4/29	6.05	5/30	.15	7/01	.45	10/07	4.20	23.20
MUD CREEK	12/28	5.38	1/31	4.78	2/28	1.54	3/28	1.22	4/29	3.85	5/31	.30	6/26	.30	9/27	4.24	21.61
ORANGE OLSEN			2/01	5.25	3/01	.50	3/29	.45	4/30	2.20	5/29	.15	6/28	0.00	9/27	2.25	10.80
RED PINE RIDGE			2/01	15.75	3/01	2.75	3/29	1.85	4/30	6.65	5/29	.40	6/28	.60	9/27	4.20	32.20
STUART RS OLD	12/27	3.75					3/29	7.40	4/29	3.00	5/28	.25	6/28	.15	9/27	3.95	18.50
WHITE RIVER 1					2/27	13.46	4/01	1.42	4/29	2.95	5/31	.20	6/27	.10	9/27	1.74	19.87
S E V I E R - B E A V E R R I V E R B A S I N S																	
BEAVER DAMS					2/26	16.10	3/27	1.05	4/26	5.00	5/29	.45	6/27	.15	9/30	3.60	26.35
BIG FLAT	12/21	3.09	1/29	8.83	2/25	1.07	3/26	1.38	4/25	5.12	5/29	.94	6/25	.08	9/24	2.95	23.46
BOX CREEK					2/26	13.53	3/27	1.37	4/25	5.17	5/28	.61	7/05	.04	9/27	3.66	24.38
CASTLE VALLEY					2/28	8.89	3/29	1.70	4/29	3.09	5/30	.55	6/28	.05	9/26	4.50	18.78
DUCK CREEK RS	12/28	3.30	1/31	4.95	2/27	.20	3/27	2.40	4/29	2.00	5/31	.10	7/02	.10	9/24	3.65	16.70
FARNSWORTH LK	12/27	8.55	1/29	6.90	2/25	4.10	3/22	3.10	4/24	7.40			6/27	.20	9/27	3.60	33.85
KIMBERLY MINE	12/20	5.30	1/28	7.54	2/22	2.97	3/25	2.01	4/24	6.46	5/28	.78	6/24	0.00	9/30	3.17	28.23
MAMMATH RS	12/26	6.90	1/30	7.10	2/27	2.30	3/28	1.40	4/29	5.80	5/30	.15	6/26	.35	9/26	3.00	27.00
MERCHANT VALLY	12/21	3.26	1/29	7.47	2/25	1.18	3/26	1.25	4/25	4.97	5/29	.79	6/25	0.00	9/24	3.14	22.06
MIDWAY VALLEY	12/27	4.70	1/31	5.95	2/27	.95	3/28	2.35	4/29	3.15	5/31	.15	7/02	.10	9/24	4.55	21.90
MT BALDY RS					2/26	19.15	3/27	1.55	4/25	6.10	5/29	.55	6/27	.25	9/30	4.15	31.75
OAK CREEK							3/29	16.41	4/29	3.79	5/29	.62	7/08	0.00	9/26	1.01	21.83
PANGUITCH LAKE					2/28	4.58	3/29	.87	4/29	1.88	5/30	.09	6/28	.08	9/26	3.51	11.01
PICKLE KEG SPR	12/28	6.60	1/29	6.20			3/28	4.80	5/01	7.80	6/05	.40	7/01	.50	9/27	1.90	28.20
PINE CREEK					2/27	25.46	3/28	2.85	4/26	9.38	5/28	1.22	7/08	.03	9/24	1.29	40.23
SHINGLE MILL	12/27	9.20	1/31	4.71	2/27	2.01	3/28	2.01			5/28	6.85	7/08	.01	9/24	1.35	26.14
WIDTSOE RS	12/26	.99	1/30	1.62	2/26	.40	3/27	.35	4/26	.86	5/30	.08	6/28	0.00	9/25	2.59	6.89
GOOSEBERRY RS	12/27	5.05	1/29	5.45	2/25	3.10	3/22	1.80	4/24	5.60	5/28	1.15	6/27	0.00	9/27	2.35	24.50
HI-TOP MTN													7/01	.			22.58
REES FLAT	*		*		*		3/21	1.10					6/26	5.35	9/26	2.65	
C O A L C R E E K - V I R G I N - E S C A L A N T E R I V E R B A S I N S																	
KOLOB CRYSTAL	12/31	7.40	1/31	5.40			3/28	4.10	4/30	2.30					9/24	3.40	22.60
LITTLE GRASSY					2/28	8.30	3/29	1.45	4/30	.85	5/29	.10	7/03	0.00	10/03	2.30	13.00
LONG FLAT					2/28	11.05	3/29	.80	4/30	2.00	5/30	.10	7/10	0.00	9/30	3.65	17.60
TALL POLES	12/26	6.30	1/30	4.20	2/26	1.50	3/27	1.75	4/26	3.65	5/31	.15	7/02	0.00	9/25	3.60	21.15
WEBSTER FLAT	12/27	6.20	1/31	6.35	* *	1 30	3/28	2.60	4/29	3.40	5/31	.05	7/02	0.00	10/03	4.25	24.15
WIDTSOE-ESCL 3	12/26	3.34	1/30	4.03	2/26	1.22	3/27	1.47	4/26	2.23	5/30	.15	6/28	0.00	9/25	4.92	17.36
YANKEE RES					2/26	11.22	3/27	1.30	4/26	3.50	5/31	0.00	7/02	.15	* *	3 50	19.67

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