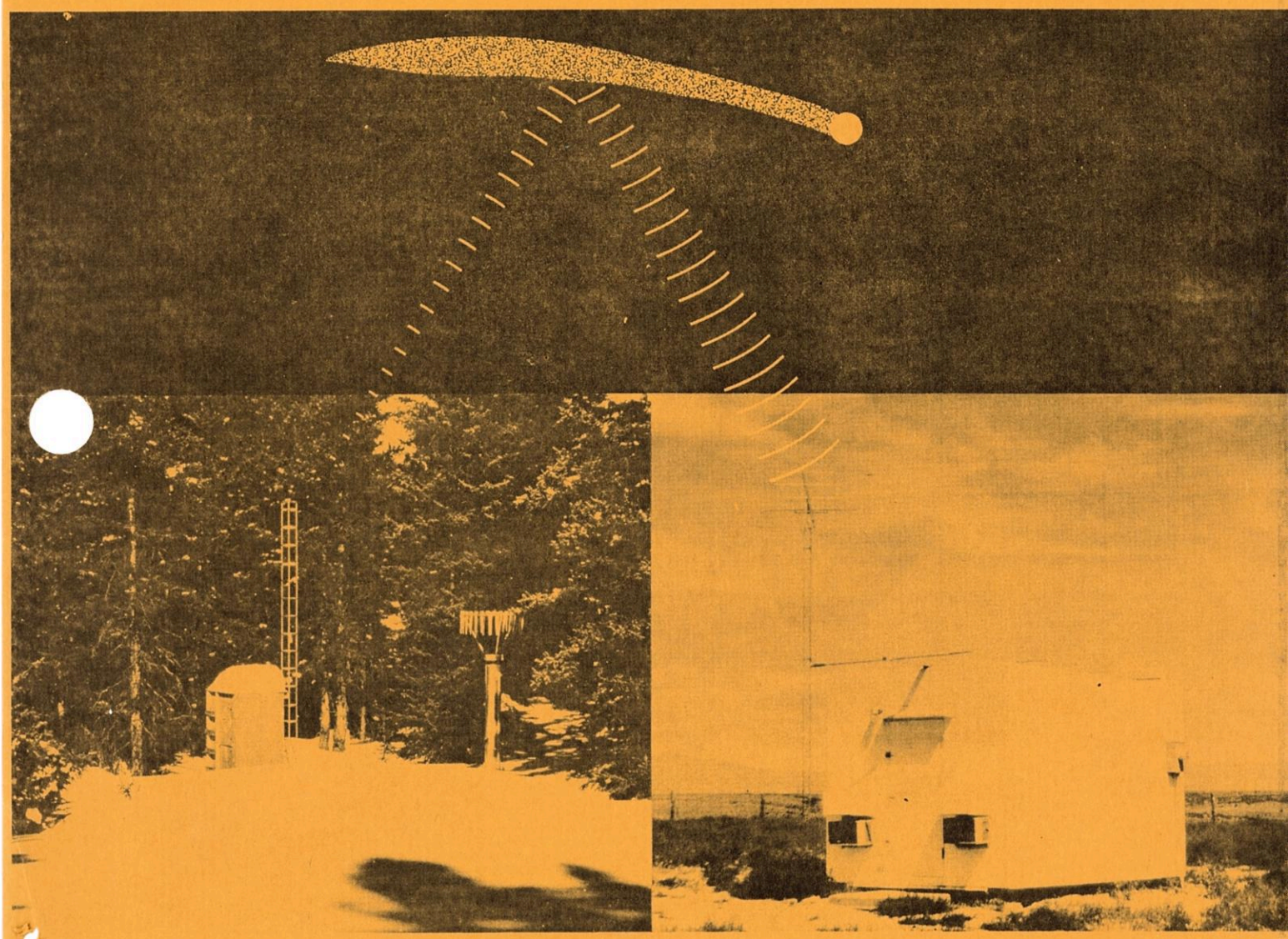
WATER SUPPLY OUTLOOK FOR UTAH



U. S. DEPARTMENT of AGRICULTURE ★ SOIL CONSERVATION SERVICE

Collaborating with

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

AS OF
JAN. 1, 1979

WATER SUPPLY OUTLOOK FOR UTAH

and

FEDERAL - STATE - PRIVATE COOPERATIVE SNOW SURVEYS

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USDA-SCS-PORTLAND, OR. 1978 M7-L-22027B

WATER SUPPLY OUTLOOK

as of
JANUARY 1, 1979

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* * * * * * * * * * * * * * * * * * * * * * * * * * * * * *
* Utah's 1979 water supply outlook is above average.  Snow  *
* cover ranges from near average to double average.  Water- *
* shed soil moisture ranges from below average in northern  *
* Utah to above average in southern Utah.  Reservoir storage*
* is 102% of the 1963-77 15 year average, statewide.        *
* * * * * * * * * * * * * * * * * * * * * * * * * * * * * *
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SNOW COVER

Snow surveys taken the last few days of December and the first week of January show water contents ranging from near average on Salina Creek to better than double the average on the Upper Sevier and Virgin Rivers. Price River is 118% of the January 1 average, Duchesne River is 130%, Provo River 113%, Weber River 112%, Ogden River 161%, and Bear River 124% of average.

Snow courses below the 8,000 foot elevation are generally 130% of average or better while those at higher elevations are less than 130%. Snow cover is generally much improved over last January 1.

PRECIPITATION

Fall precipitation in Utah's mountains ranged from as low as 63% of average on Farmington Creek to 189% of average at Widtsoe #3 on the ridge between the east fork of the Sevier River and the Escalante River in southern Utah.

Fall precipitation in the mountains was generally below average to near average in the northern part of the state, near average to above average in central and southern Utah. This is the opposite of last years moisture pattern in the state.

RESERVOIR STORAGE

January 1 storage in 19 of Utah's key irrigation reservoirs is 102% of the 15 year average (1963-77) and 135% of last year at this time.

Reservoir storage is lowest on the Sevier River with Sevier Bridge at 49% of average, Piute at 57%, Otter Creek at 66%, and Gunnison at 75% of average for January 1. Minersville Reservoir is 106% of average.

Weber basin storage ranges from 104% of average at Rockport to 132% at East Canyon.

Pineview Reservoir is 111% and Causey 94% of average.

Bear Lake is 95% of average and Woodruff Narrows is estimated about average.

WATER SUPPLY OUTLOOK (continued)

Strawberry Reservoir is 106% and Utah Lake 116% of average.

Scofield Reservoir is 115% of average.

STREAMFLOW

Streamflow at key streams over the state averaged 117% for December. Streams ranged from 250% of average on the San Juan to 72% for the Weber at Oakley. The Great Salt Lake is at the 4198.65 foot elevation as of January 1, 1979, according to the U.S. Geological Survey.

Streamflow forecasts will be published in the February 1, Water Supply Outlook bulletin.

WSFB-X2-L

RESERVOIR STORAGE (Thousand Acre Feet) END OF MONTH JANUARY 1, 1979

Basin or Stream	RESERVOIR	Usable Capacity	Usable Storage		
			This Year	Last Year	Average+
GREAT BASIN					
Bear River	Bear Lake	1421.0	978.9	764.0	1035.4
	Woodruff Narrows	26.5	18.5e	1.2	18.1
Beaver River	Minersville (RkyFd)	23.3	10.6	3.3	10.0
Little Bear	Hyrum	15.3	10.2	10.1	10.4
	Porcupine	11.3	2.5	2.2	2.7
Ogden	Causey	6.9	1.7	1.9	1.8b
	Pineview	110.1	58.0	36.2	52.1
Provo	Deer Creek	149.7	Delayed	69.0e	107.3
Settlement Creek	Settlement Creek	1.2	0.5	0.3	- -
	Vernon Creek	0.6	0.5	0.2e	- -
Sevier River	Gunnison	18.2	7.3	0.5	9.7
	Otter Creek	52.5	17.2	11.5	26.0
	Piute	71.8	18.5	9.6	32.2
	Sevier Bridge	236.0	48.2	58.3	99.0
Spanish Fork	Strawberry	270.0	157.4	137.9	147.8
Utah Lake	Utah Lake	883.9	742.1	558.9	639.3
Weber	East Canyon	48.1	35.0	18.5	26.6
	Echo	73.9	57.8	39.0	44.4
	Lost Creek	20.0	14.4	9.1	12.6b
	Rockport	60.9	39.4	19.3	37.9
	Willard Bay	193.3	159.6	104.9	121.6b
COLORADO RIVER BASIN					
Ashley Creek	Steinaker	33.3	Delayed	5.7	19.0
Colorado	Blue Mesa	829.5	594.4	235.3	- -
	Lake Powell	25002.0	15686.0	15363.0	- -
Green	Flaming Gorge	3749.0	2673.3	1990.7	- -
Lakefork	Moon Lake	35.8	Delayed	8.6	15.0
Price River	Scofield	65.8	38.6	17.3	33.7
San Juan	Navajo	1696.0	1196.0	977.9	- -
San Rafael	Huntington North	3.9	Delayed	1.8	1.7
	Joe's Valley	54.6	Delayed	33.0	35.1b
	Mill Site	16.7	5.3	0.3	- -
Strawberry	Starvation	165.3	Delayed	131.7	126.3

+ = 1963-77 15 year average period e = estimated
b = less than 15 years in average period

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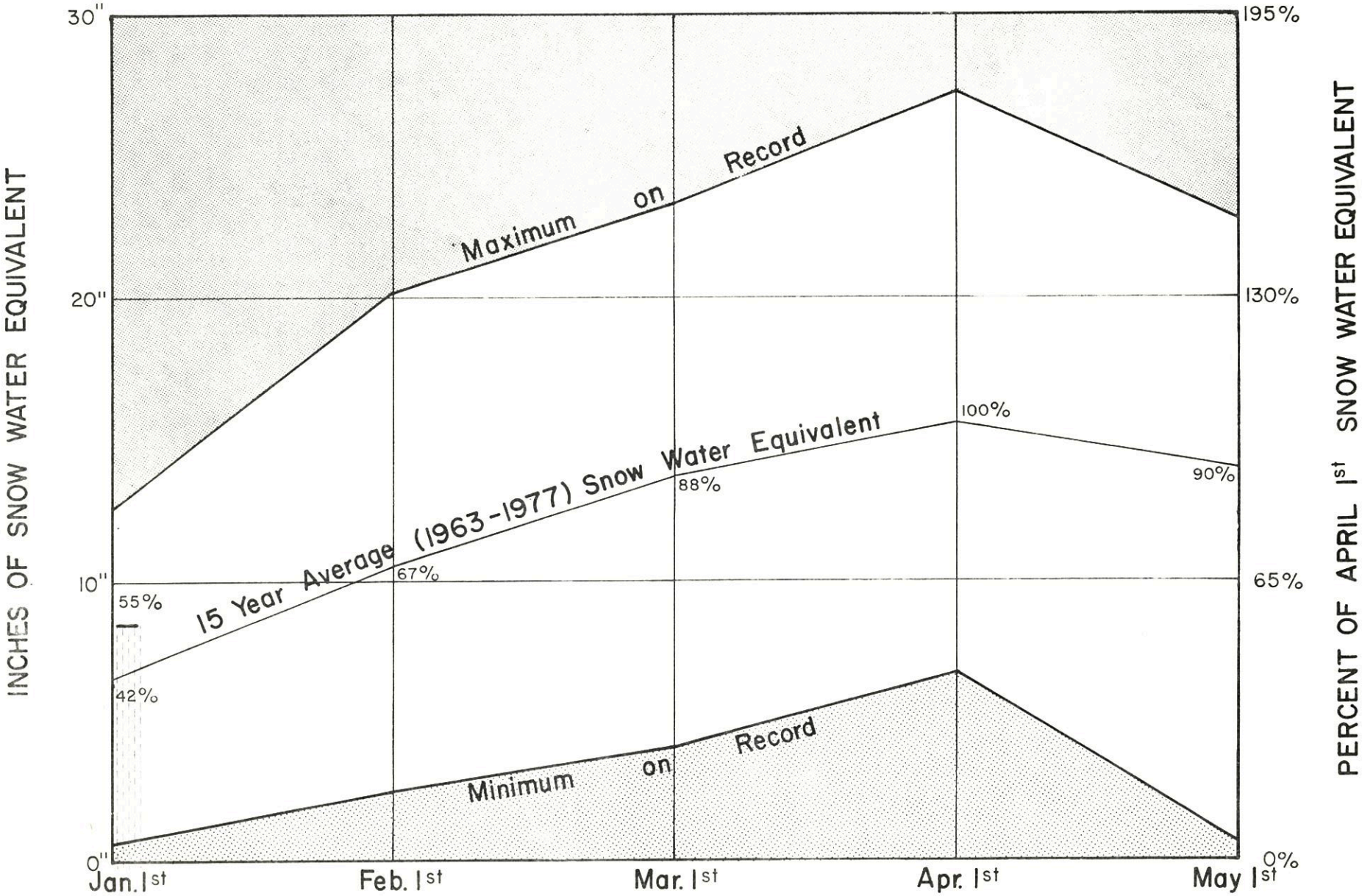
UTAH'S WINTER SNOWPACK

Data based on 51 selected snow courses



1979 S pack

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)											
Burts-Miller Ranch		Not Measured									
CCC Camp	12/29	31	6.0	9.4	4.9						
Hayden Fork	1/2	30a	7.7a	8.9	- -						
Monte Cristo	12/27	33	8.7	15.6	- -	12/27	- -	- -	8.88	11.07b	80
Salt River Summit	12/29	39	8.4	11.2	5.9	12/29	5.06	- -	6.62	7.17	92
Stillwater Camp		Not Measured									
LOWER BEAR RIVER (Below Harer, Idaho)											
Bug Lake	12/26	34	8.8	- -	- -						
Cub River R.S.	12/26	19	3.7	6.0	- -						
Franklin Basin	12/26	35	9.7	22.5	- -						
Garden City Summit	12/26	36	9.9	11.0	6.9	12/26	- -	- -	9.71	8.06	120
Klondike Narrows	12/26	32	8.0	17.3	7.1	12/26	- -	- -	6.82	- -	- -
Little Bear (lower)	12/26	25	6.1	6.1	- -						
Little Bear (upper)	12/26	28	6.9	6.4	- -						
Steep Hollow #1	12/26	52	14.3	- -	13.6						
Steep Hollow #2	12/26	39	10.3	- -	9.1						
Tony Grove Lake	12/26	57	16.4	32.2	- -						
Tony Grove R.S.	12/26	31	7.1	9.0	4.1						
Willow Flat	12/26	31	8.1	10.6	- -	12/26	4.10	- -	8.18	10.14b	81
OGDEN RIVER											
Beaver Creek-Skunk Creek	12/27	20	5.9	7.2	- -						
Ben Lomond (lower)	12/27	32	9.4	8.0	4.7	12/27	- -	- -	11.41	11.25b	101
Ben Lomond Peak	12/27	53	16.0	18.9	12.4						
Ben Lomond Trail	12/27	37	11.1	- -	5.6b	12/27	- -	- -	11.67	12.95b	90
Causey Dam						12/27	- -	- -	6.37	6.62b	96
Cutler Creek		Discontinued									
Dry Bread Pond	12/27	29	7.8	12.0	- -						
Sagebrush Flat	12/27	16	4.2	2.4	- -	12/27	- -	- -	6.53	- -	- -
WEBER RIVER											
Beaver Creek R.S.		Data Delayed									
Chalk Creek #1	1/2	34	8.8	11.6	- -						
Chalk Creek #2	1/2	25	6.1	5.7	- -						
Chalk Creek #3	1/2	20	4.8	3.3	- -	1/2	- -	- -	4.40	- -	- -
Farmington Canyon (lower)	12/27	41	12.4	9.3	9.3b	12/27	- -	- -	11.21	13.14	85
Farmington Canyon (upper)	12/27	42	13.1	13.8	12.9b						
Farmington G.S.						12/27	- -	- -	8.32	13.12b	63
Horse Ridge	12/27	38	10.9	13.8	- -	12/27	- -	- -	10.87	- -	- -
Kilfoil Creek	12/27	34	8.5	- -	- -						
Lost Creek Reservoir	12/27	18	4.2	3.3	- -	12/27	- -	- -	5.13	- -	- -
Park City Summit	12/30	43	12.2	- -	- -						
Parley's Canyon Summit	12/28	33	7.6	8.1	7.9	12/28	- -	- -	8.49	10.49	81
Redden Mine (lower)		Not Measured			- -						
Redden Mine (upper)		Not Measured			- -						
Smith & Morehouse	1/2	23	6.5	5.6	5.2	1/2	- -	- -	6.02	8.35	72
PROVO RIVER & UTAH LAKE											
Beaver Creek Divide		Data Delayed									
Camp Altamont	12/30	34	10.6	5.2	6.5						
Clear Creek Ridge #1	12/30	35	9.0	9.3	- -						
Clear Creek Ridge #2	12/30	34	7.9	6.8	- -	12/30	- -	- -	8.80	- -	- -
Clear Creek Ridge #3	12/30	24	5.1	4.7	- -						
Dutchman R.S.	12/30	35	9.8	7.7	- -						
Hobble Creek Summit	12/30	38	9.7	5.9	- -	12/30	- -	- -	10.35	- -	- -
Packard Canyon		Discontinued			- -						
Payson R.S.	12/30	31	8.2	5.5	8.0	12/30	- -	- -	8.95	8.74	102
Rock Bridge		Not Measured		3.4	5.4						
Soapstone R.S.		Data Delayed		8.1	5.3						
South Fork R.S.		Data Delayed		3.2	2.6						
Timpanogos Cave Camp		Data Delayed		0.2	1.2						
Timpanogos Divide	12/30	50	15.5	7.7	10.8						
Trial Lake	1/2	41a	10.7a	15.1	10.3						

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+ 1958-1972 period

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
JORDAN RIVER & GREAT SALT LAKE											
Lamb's Canyon #2	12/28	29	7.1	7.2	- -	12/28	- -	- -	7.03	- -	- -
Middle Canyon	12/28	27	7.6	2.2	6.1b	12/28	- -	- -	8.60	- -	- -
Mill Creek	12/29	32	7.5	7.0	- -						
Mill D South Fork	12/29	30	8.4	7.4	8.2						
Mt. Dell Dam											
Silver Lake (Brighton)	12/29	41	11.4	9.6	10.3	12/30	4.92	4.98	12.30	12.67	97
Snow Bird (Gad Valley)		Data Delayed									
Vernon Creek	12/28	29	8.5	1.8	- -	12/28	- -	- -	8.90	- -	- -
UPPER SEVIER RIVER (South of Richfield, Utah)											
Box Creek	12/26	34	10.6	3.5	- -	12/26	- -	- -	9.80	- -	- -
Bryce Canyon	12/28	25	4.6	0.5	2.1						
Castle Valley	12/26	40	10.8	3.3	- -	12/26	- -	- -	12.05	- -	- -
Duck Creek R.S.	1/2	38	9.8	3.6	5.2	1/2	- -	- -	12.73	8.03	159
Harris Flat	1/2	28	7.2	4.0	3.0						
Kimberly Mine	12/26	30	9.2	4.9	6.2	12/26	- -	- -	9.28	8.07	115
Midway Valley	1/2	52	14.4	4.1	8.5	1/2	- -	- -	16.30	- -	- -
Panguitch Lake	12/26	24	6.2	1.0	- -	12/26	- -	- -	8.10	- -	- -
Squaw Springs	12/26	22	6.3	2.2	- -						
Farview	12/29	34	6.3	1.0	- -						
Rainbow Point	12/29	38	10.0	1.4	- -						
LOWER SEVIER RIVER (Including San Pitch River)											
Beaver Dams	12/27	20	5.5	3.9	4.2b	12/27	- -	- -	6.43	5.84b	110
Farnsworth Lake	12/28	29	7.0	6.6	8.0	12/28	- -	- -	7.60	8.55	89
G.B.R.C. Headquarters	12/26	28	7.5	5.7	6.8	12/26	3.80	- -	8.15	8.54	95
G.B.R.C. Majors						12/30	2.10	- -	4.60	4.23b	109
G.B.R.C. Meadows	12/26	37	10.3	9.7	9.0b	12/26	- -	- -	9.37	10.14	92
G.B.R.C. Oaks						12/30	2.60	- -	5.50	5.80	95
Gooseberry R.S.	12/28	21	5.2	3.9	5.3	12/28	- -	- -	6.85	- -	- -
Mammoth-Cottonwood Creek	12/26	34	9.6	11.1	7.9		Precip discontinued				
Middle Fork		Not Measured									
Mt. Baldy R.S.	12/27	39	10.4	9.0	9.2	12/27	- -	- -	9.10	7.97b	114
Oak Creek	1/3	29	7.3	2.7	- -	1/3	- -	- -	8.71	- -	- -
Pickle Keg Springs	1/2	26a	6.9a	7.0	- -						
Pine Creek	12/26	27	8.8	4.4	- -	12/26	- -	- -	9.21	- -	- -
Ree's Flat	12/29	25	6.8	4.9	- -	12/29	- -	- -	6.75	- -	- -
Shingle Mill	1/3	18	5.2	1.0	4.5b	1/3	- -	- -	6.70	8.15b	82
Thistle Flat		Not Measured									
BEAVER RIVER											
Beaver Canyon Power House						12/30	2.14	1.73	5.89	4.22	140
Beaver Race Track	1/2	0	0.0	0.0	- -						
Big Flat	12/26	40	10.0	4.8	- -	12/26	- -	- -	9.69	- -	- -
Merchant's Valley (upper)	12/26	29	7.0	3.6	- -	12/26	- -	- -	7.17	- -	- -
Otter Lake	12/26	35	8.2	3.0	- -						
PAROWAN CREEK											
Birch Crossing	12/27	23	5.4	0.9	3.2b						
Brian Head	12/26	50	14.0	4.2	8.8b						
Tall Poles	12/27	34	8.4	2.8	6.0b	12/27	- -	- -	5.95	7.28b	82
Yankee Reservoir	12/26	28	7.6	0.9	- -	12/26	- -	- -	6.25	- -	- -
ENTERPRISE TO NEW HARMONY DRAINAGES											
Little Grassy Creek	1/3	19	5.4	0.0	- -	1/3	- -	- -	10.90	- -	- -
Long Flat	1/3	24	6.6	2.1	- -	1/3	- -	- -	10.35	- -	- -
COAL CREEK											
Cedar City Golf Course	1/3	0	0.0	- -	- -						
SUSC Ranch	12/27	31	7.8	- -	3.4						

+ 1958-1972 period.

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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	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
COLORADO RIVER DRAINAGE											
UPPER GREEN RIVER - UTAH											
Black's Fork G.S.-East Fork		Data Delayed									
Black's Fork Junction		Data Delayed									
Burnt Creek	12/28	21	4.2	1.3	- -	12/28	- -	- -	5.40	4.49b	120
Dutch John Junction	12/28	21	3.8	1.4	- -						
Grizzly Ridge	12/28	30	7.1	2.8	- -	12/28	- -	- -	7.32	6.31b	116
Hewinta G.S.		Data Delayed									
Hickerson Park		Data Delayed									
Highline Trail		Data Delayed									
King's Cabin (lower)		Data Delayed									
King's Cabin (upper)	1/2	29a	7.0a	- -	- -						
Spirit Lake		Data Delayed									
Steel Creek Park		Data Delayed									
Trout Creek	1/2	28a	6.7a	- -	- -						
DUCHESNE RIVER											
Brown Duck Ridge	1/2	28a	6.8a	- -	- -						
Currant Creek	12/30	28	6.5	5.0	- -						
Daniels-Strawberry Summit	12/30	34	8.3	7.0	5.6	12/30	- -	- -	9.96	8.44	118
East Portal	12/30	31	6.8	7.0	4.5	12/30	4.07	- -	10.03	7.80	129
Indian Canyon	12/30	39	10.0	6.3	5.2	12/30	- -	- -	10.27	6.28	164
Jackson Park		Data Delayed									
Lakefork Mountain	1/2	23a	5.6a	- -	- -						
Lakefork Mountain #3		Data Delayed									
Mosby Mountain	1/2	29a	6.9a	- -	4.2						
Paradise Park		Data Delayed									
Rock Creek Ranch		Data Delayed									
Strawberry Divide	12/30	43	10.4	9.9	7.8						
PRICE RIVER											
Dry Valley Divide		Not Measured									
Gooseberry Reservoir		Snow Course Discontinued									
Jones Ranch		Discontinued									
Mud Creek	12/26	30	6.7	7.1	5.7						
White River #1	12/30	32	8.5	7.2	- -	12/26	- -	- -	8.83	6.50	136
White River #2		Discontinued									
White River #3	12/30	20	4.8	5.7	- -						
SAN RAFAEL RIVER											
Buck Flat	12/27	27	7.2	8.0	- -	12/27	- -	- -	8.80	6.30	140
Huntington-Horseshoe	12/26	32	10.5	11.0	- -						
Orange Olsen	12/29	13	2.5	1.0	- -	12/29	- -	- -	5.35	- -	- -
Red Pine Ridge	12/26	28	8.0	7.2	- -	12/26	- -	- -	9.30	- -	- -
Rush Pond		Discontinued									
Seeley Creek R.S.	12/26	24	7.4	5.9	- -						
Stuart R.S.	12/26	20	4.2	5.5	- -	12/26	- -	- -	6.40	- -	- -
Upper Joe's Valley	12/26	21	5.0	5.0	- -						
Wrigley Creek	12/28	26	5.6	5.3	- -						
MUDDY RIVER											
Black's Fork		Not Measured									
Dill's Camp	1/2	20a	5.5a	7.0	- -	12/28	- -	- -	7.33	- -	- -
FREMONT RIVER											
Black's Flat-U.M. Creek	12/28	28	7.6	4.0	- -	12/28	- -	- -	7.88	- -	- -
Fish Lake	12/28	21	5.1	2.0	- -	12/28	- -	- -	6.80	5.02b	135
Johnson Valley	12/28	22	5.0	2.7	- -						
SOUTHEASTERN UTAH DRAINAGES											
Buckboard Flat	12/27	46	14.2	2.1	- -	12/27	- -	- -	15.20	- -	- -
Camp Jackson	12/27	43	11.8	1.2	- -	12/27	- -	- -	15.00	- -	- -
LaSal Mountain (lower)	12/28	23	5.6	3.2	- -						
LaSal Mountain (upper)	12/28	33	8.8	4.8	- -	12/28	- -	- -	8.24	- -	- -
Monticello City Park	12/29	15	4.4	0.0	- -						

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+ 1958-1972 period.

SNOW

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 +
ESCALANTE RIVER					
Widtsoe-Escalante Summit		Discontinued			
Widtsoe-Escalante #2		Discontinued			
Widtsoe-Escalante #3	12/28	40	11.2	1.6	4.5
VIRGIN RIVER					
Kolob-Crystal	1/3	50	15.6	3.9	- -
Long Valley Junction	12/28	30	7.8	1.5	1.5
Webster Flat	1/3	40	11.2	3.6	6.6

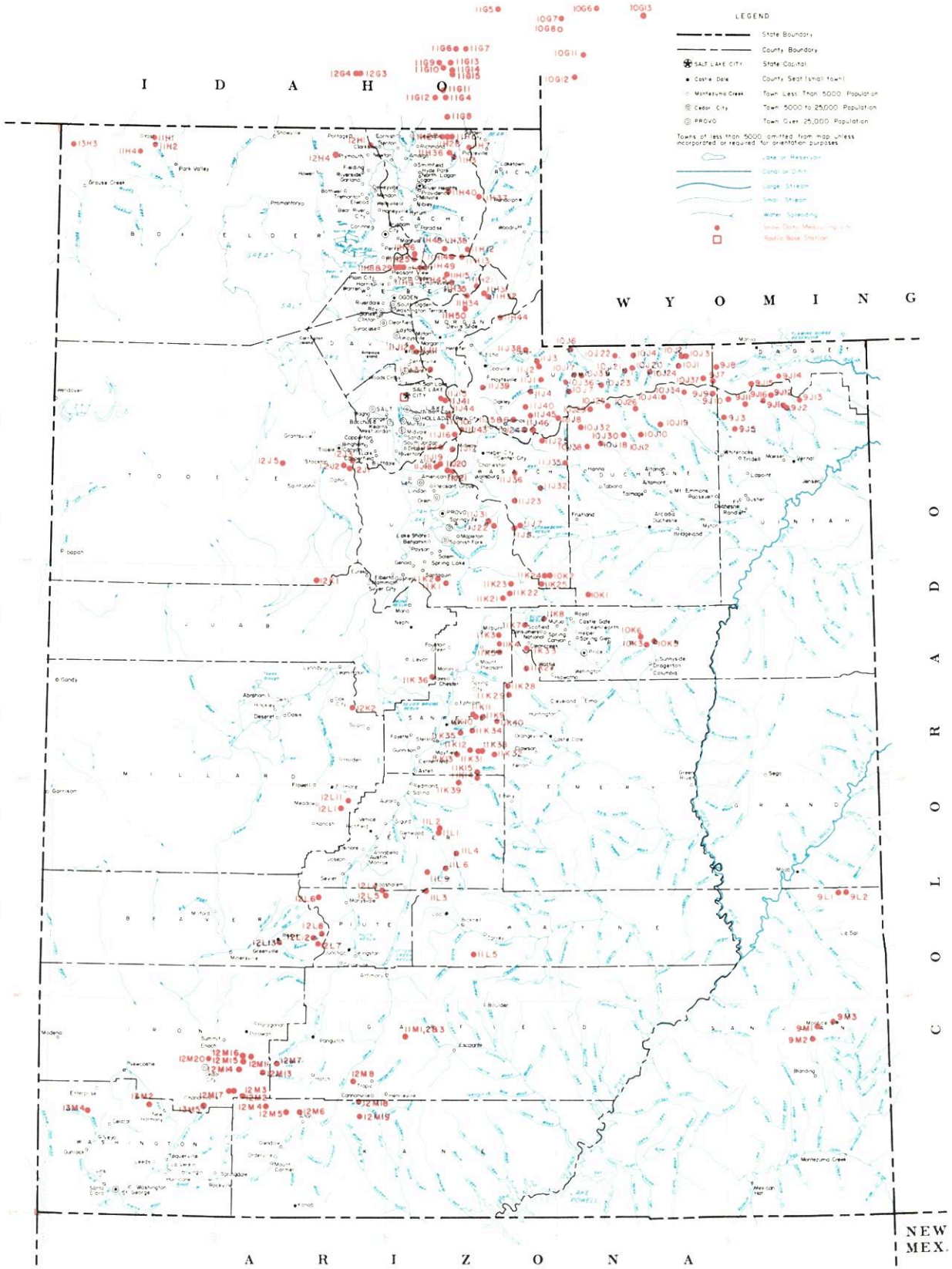
PRECIPITATION (Inches)

DRAINAGE BASIN and/or SNOW COURSE NAME	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
ESCALANTE RIVER						
Widtsoe-Escalante #3	12/28	- -	- -	11.35	6.01	189
VIRGIN RIVER						
Webster Flat	1/3	- -	- -	16.38	8.14	201

a - Partly estimated
b - *Average of past record in average period - less than 15 years*
+ - *1963-77 15 year average period*

+ 1958-1972 period.

USDA-SCS-PORTLAND, OR. 1977 M7-0-22027 D



SNOW COURSES AND RELATED DATA MEASURING SITES

UTAH

1978

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

USDA-SCS-PORTLAND OR 1978 M7-01-22027

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	15	1N	9E	10,000
10J7PST	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	9,050
11H12PST	U	Monte Cristo R.S.	4	8N	4E	8,960
10G6	W	Poison Meadows x	29	30N	116W	8,500
10G8P	W	Salt River Summit x	32	29N	118W	7,900
10G13MP	W	Snyder Basin x	15	29N	115W	8,400
10J17P	U	Stillwater Camp	32	2N	10E	8,550
		LOWER BEAR RIVER (below Harer, Idaho)				
11H37pST	U	Bug Lake	18	11N	5E	7,950
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
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
11G8MPST	I	Franklin Basin	1	16S	41E	8,000
11H7MP	U	Garden City Summit	34 & 35	14N	4E	7,600
11H40p	U	Herd Hollow	3	11N	3E	7,200
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)	16	8N	1E	6,000
11H25PST	U	Little Bear (upper)	22	8N	1E	6,550
12G3	I	Oxford Mountain	32	13S	37E	6,800
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
11H36PST	U	Tony Grove Lake	5	13N	3E	8,400
11H3MP	U	Tony Grove Ranger Station	11	13N	3E	6,250
11G4P	I	Willow Flat	2	15S	41E	6,100
		RAFT RIVER				
13H2a	U	Clear Creek Meadows	26	14N	14W	9,050
13H4PS	U	George Peak	4	13N	14W	9,000
13H1	U	One Mile Summit	17	14N	14W	7,330
13H3a	U	ViPont	17	14N	17W	7,670
		OGDEN RIVER				
11H14M	U	Beaver Creek-Skunk Creek	22	8N	3E	7,150
11H8PST	U	Ben Lomond Peak	3	7N	1W	8,000
11H9PST	U	Ben Lomond (lower)	1	7N	1W	5,680
11H35p	U	Causey Dam	34	7N	3E	5,500
11H29	U	Cutler Creek	3	7N	1W	6,780
11H13MPST	U	Dry Bread Pond	19	8N	4E	8,350
11H34p	U	Guilder's Peak	21	6N	4E	8,050
11H45p	U	Middle Fork Ogden	16	7N	2E	8,420
11H49	U	Powder Mountain Hideaway	6	7N	2E	8,250
11H48	U	Powder Mountain Sundown	1	7N	1E	8,400
11H15P	U	Sagebrush Flat	21	7N	3E	6,300
		WEBER RIVER				
11J24	U	Beaver Creek R.S.	28	2S	7E	7,500
11J1PST	U	Chalk Creek #1	4	1N	8E	9,100
11J2MPST	U	Chalk Creek #2	29	2N	8E	8,200
11J3MP	U	Chalk Creek #3	7	2N	8E	7,500
11J45a	U	East Shingle Lake	6	2S	8E	9,750
11J12P	U	Farmington Canyon (lower)	15	3N	1E	6,950
11J11PST	U	Farmington Canyon (upper)	23	3N	1E	8,000
11H44p	U	Francis Canyon	29	5N	6E	7,400
11J37p	U	Hardscrabble	22	2N	2E	6,700
11H21PST	U	Horse Ridge	25	7N	4E	8,260
11H31	U	Kilfoil Creek	20	6N	5E	7,300
11H32P	U	Lost Creek	27	6N	5E	7,300
11J43	U	Park City Summit	30	2S	4E	9,300
11J15PST	U	Parley's Canyon Summit	5	1S	3E	7,500
11H50	U	Pine Canyon	6	5N	4E	8,000
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	9	1N	6E	8,300
11J40p	U	Shingle Mill Flat	22	1S	7E	9,040
11J4PST	U	Smith & Morehouse	25	1N	7E	7,600
		PROVO RIVER & UTAH LAKE				
11J46PST	U	Beaver Creek Divide	25	2S	7E	8,280
11J20	U	Camp Altamont	29	4S	3E	7,300
11K21PST	U	Clear Creek Ridge #1	18	11S	6E	9,200
11K22PST	U	Clear Creek Ridge #2	9	11S	6E	8,000
11K23	U	Clear Creek Ridge #3	27	10S	6E	6,600
11J17P	U	Dutchman R.S.	27	3S	3E	7,560
11J22P	U	Hobble Creek Summit	27	7S	5E	7,420
11J36P	U	Lake Creek	36	4S	6E	9,000
11J31	U	Packard Canyon	21	7S	5E	6,400
11K1P	U	Payson R.S.	30	10S	3E	8,050
11K2	U	[illegible] Bridge	14	10S	2E	6,750
		PROVO RIVER & UTAH LAKE (continued)				
11J25P	U	Soapstone R.S.	9	3S	8E	7,800
11J19	U	South Fork R.S.	24	4S	2E	6,100
11J18	U	Timpanogos Cave Camp	27	4S	2E	5,500
11J21PST	U	Timpanogos Divide	33	4S	3E	8,140
10J8PST	U	Trial Lake	5	2S	9E	9,960
		JORDAN RIVER & GREAT SALT LAKE				
12J2	U	Bevan's Cabin	24	4S	4W	6,450
12J5P	U	Deseret Peak	15	4S	7W	9,250
11J41P	U	Lamb's Canyon #2	21	1S	3E	7,500
12J3P	U	Middle Canyon	8	4S	3W	7,000
11J44	U	Mill Creek	25	1S	2E	6,950
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	9,700
12K1PST	U	Vernon Creek	21	10S	5W	7,500
		UPPER SEVIER RIVER (South of Richfield, Utah)				
12L4PST	U	Box Creek	33	26S	2W	9,300
12M8	U	Bryce Canyon	36	36S	4W	8,000
12M13PST	U	Castle Valley	23	36S	8W	9,580
12M4P	U	Duck Creek R.S.	11	38S	8W	8,700
12M18	U	Farview	32	37S	4W	8,200
12M5PST	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
12M2MPST	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
		LOWER SEVIER RIVER (Including San Pitch River)				
11K13P	U	Beaver Dam	22	19S	3E	8,000
11L1PST	U	Farnsworth Lake	34	23S	2E	9,600
11K11P	U	G.B.R.C. Headquarters	21	17S	4E	8,700
11K10P	U	G.B.R.C. Meadows	27	17S	4E	10,000
11L2PST	U	Gooseberry R.S.	21	23S	2E	8,000
11K3MPST	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
12K2P	U	Oak Creek	9	17S	3W	7,760
11K39PST	U	Pickle Keg Springs	4	21S	3E	9,000
12L1PS	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	19	18S	3E	8,760
		BEAVER RIVER				
12L13	U	Beaver Race Track	23	29S	7W	6,020
12L7PST	U	Big Flat	7	29S	4W	10,290
12L12PST	U	Merchant's Valley (upper)	8	29S	5W	8,750
12L8	U	Otter Lake	12	29S	5W	9,600
		PAROWAN CREEK				
12M16	U	Birch Crossing	23	35S	9W	8,100
12M14	U	Brian Head	10	36S	9W	10,000
12M15P	U	Tall Poles	26 & 35	35S	9W	8,800
12M11P	U	Yankee Reservoir	20	35S	8W	8,700
		ENTERPRISE TO NEW HARMONY DRAINAGES				
13M4MP	U	Little Grassy Creek	14	38S	18W	6,100
13M2MPST	U	Long Flat	2	38S	14W	8,000
		COAL CREEK				
12M20	U	Cedar City Golf Course	11	36S	11W	5,800
12M17	U	SUSC Ranch	18	37S	9W	8,200

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	2	1N	11E	9,700
9J14P	U	Burnt Creek	4	1N	20E	7,900
9J13P	U	Grizzly Ridge	8	1S	22E	8,500
10J24ap	U	Henry's Fork	29	2N	14E	10,000
10J4P	U	Hewinta G.S.	33	3N	13E	9,500
9J8P	U	Hickerson Park	13	2N	17E	9,100
9J15p	U	Highline Trail	24	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	1S	21E	8,640
9J1PST	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	8,650
9J10aP	U	Reynolds Park	9	1S	18E	10,400
9J7P	U	Spirit Lake	10	1N	17E	10,300
10J20PST	U	Steel Creek Park	17	2N	13E	10,100
9J16PST	U	Trout Creek	9	1S	20E	9,400
9J12ap	U	Windy Park	2	1S	20E	9,400
		DUCHESNE RIVER				
10J41ap	U	Atwood Lake	13	4N	4W	10,840
10J30PST	U	Brown Duck Ridge	8	2N	6W	10,600
9J9ap	U	Chepeta-Whiterocks Lakes	3	4N	1W	10,350
11J32MPST	U	Currant Creek	26	1S	11W	8,000
11J23MPST	U	Daniels-Strawberry Summit	20	2S	12W	8,000
11J7P	U	East Portal	36	7S	6E	7,560
10J26ap	U	Five Point Lake	28	4N	5W	11,000
10K1PST	U	Indian Canyon	2	11S	10E	9,100
10J19P	U	Jackson Park	25	3N	4W	10,600
10J34p	U	Kidney Lake	28	5N	3W	11,000
10J25ap	U	Lakefork Basin	13	4N	7W	11,100
10J10PST	U	Lakefork Mountain	2 & 3	2N	5W	10,200
10J12	U	Lakefork Mountain #3	20	2N	4W	8,400
10J29ap	U	Lightning Lake	23	4N	8W	10,500
9J5PST	U	Mosby Mountain	33	3N	1E	9,500
9J3P	U	Paradise Park	7	3N	1E	10,100
10J18P	U	Rock Creek	21	2N	7W	7,900
10J32p	U	Shadow Lake	29	3N	8W	10,150
11J8PST	U	Strawberry Divide	2	4S	12W	8,400
11J35P	U	West Fork of the Duchesne	22	1N	11W	9,480
		PRICE RIVER				
10K5M	U	Corral	32	13S	14E	8,200
11K8	U	Dry Valley Divide	14	11S	7E	7,900
10K3M	U	Grassy Trail Creek-Left Fork	1	14S	13E	7,970
11K7	U	Jones Ranch	32	12S	7E	7,600
11K33MP	U	Mud Creek	4	14S	7E	8,600
10K6	U	Timberline	23	13S	13E	9,100
10K2MPST	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				
11K31PST	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
11K40P	U	Orange Olsen	31	17S	6E	7,200
11K28PST	U	Red Pine Ridge	5	16S	6E	9,200
11K38	U	Rush Pond	24	19S	4E	9,800
11K9PST	U	Seeley Creek	25	17S	4E	10,000
11K27P	U	Stuart R.S.	8	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
11K15PST	U	Dill's Camp	27	20S	4E	9,200
		FREMONT RIVER				
11L4P	U	Black's Flat-U.M. Creek	33	24S	3E	9,400
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	9,850
9M3	U	Monticello Park	25	33S	23E	7,050
		ESCALANTE RIVER				
11M1	U	Widtsoe-Escalante Summit	22	34S	1W	9,500
11M2PST	U	Widtsoe-Escalante #2	22	34S	1W	9,500
11M3PST	U	Widtsoe-Escalante #3	22	34S	1W	9,500
		VIRGIN RIVER				
13M5PST	U	Kolob-Crystal	2	38S	11W	9,250
12M6	U	Long Valley Junction	22	38S	6W	7,500
12M3MPST	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
10J7a	Aerial Marker Only
10J7p	Storage Precipitation Gage Only
10J7PS	Snow Course, Precipitation Gage, Snow Pillow and Temperature
10J7PST	Snotel Data Site

Water Supply Outlook For Utah

SOIL CONSERVATION SERVICE
U.S. DEPARTMENT OF AGRICULTURE

Cooperating with

UTAH STATE DEPARTMENT of NATURAL RESOURSES
-- DIVISION of WATER RIGHTS

AS OF
FEB. 1, 1979

WATER SUPPLY OUTLOOK FOR UTAH

and

FEDERAL - STATE - PRIVATE COOPERATIVE SNOW SURVEYS

Issued by

R. M. DAVIS

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In Cooperation with

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SNOW SURVEY SECTION
4012 FEDERAL BUILDING
SALT LAKE CITY, UTAH 84138

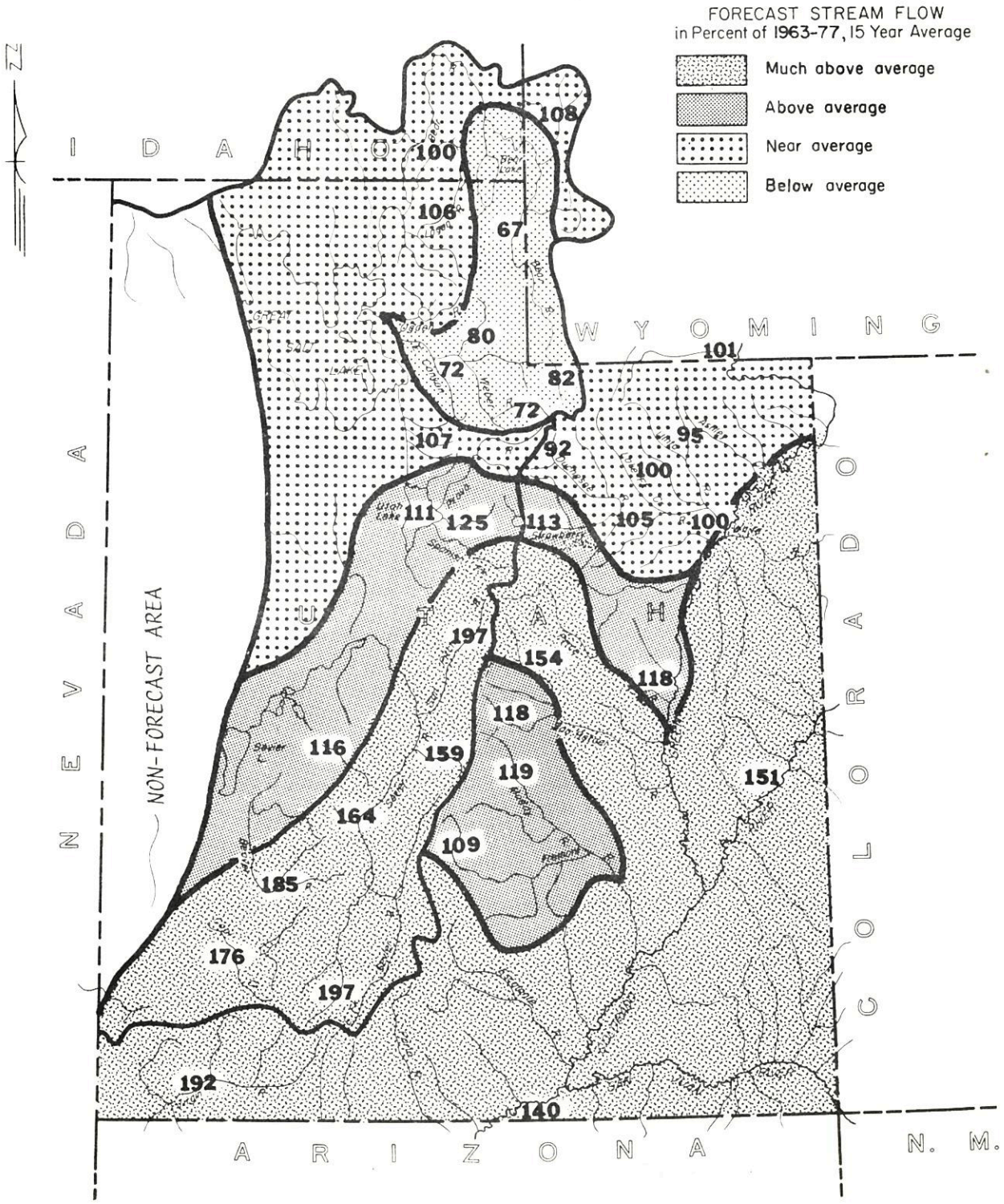
USDA-SCS-PORTLAND, OR-1978 M7-L-22027B

PROSPECTIVE WATER SUPPLIES

Based on Snow Surveys Made on UTAH and BEAR RIVER WATERSHEDS

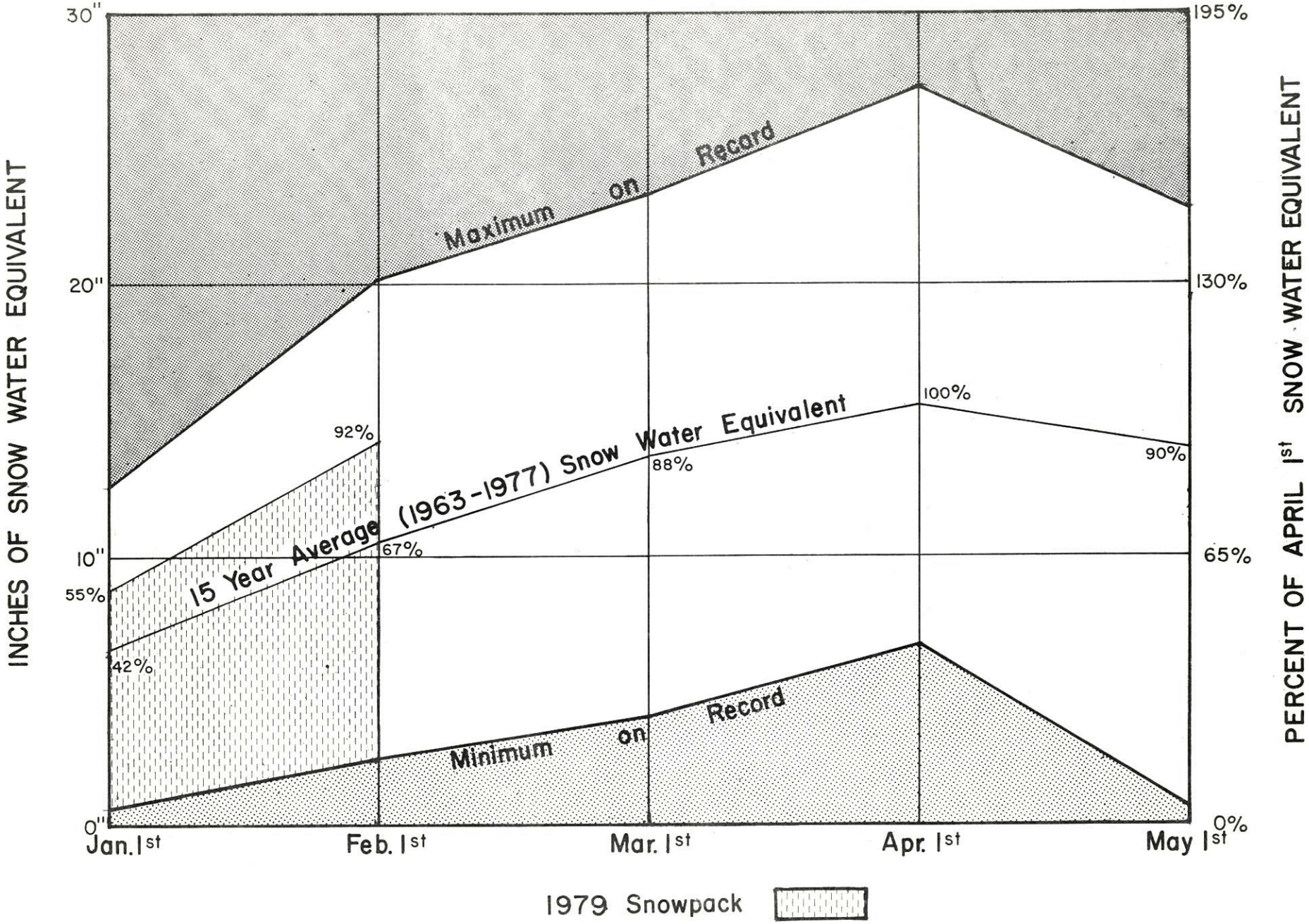
FEBRUARY 1, 1979

Approximate Date



UTAH'S WINTE SNOWPACK

Data based on 51 selected snow courses



WATER SUPPLY OUTLOOK

as of
FEBRUARY 1, 1979

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* * * * * * * * * * * * * * * * * * * * * * * * * * * * *
* Utah's 1979 water supply outlook ranges from slightly  *
* below average on the Bear and Weber Rivers to much     *
* above average on the Virgin and Upper Sevier in southern*
* Utah.  Snow cover ranges from near average in northern *
* Utah to better than twice average in southern Utah.    *
* Reservoir storage is generally above average except at *
* Sevier River reservoirs and Uintah Basin reservoirs.   *
* Streamflow forecasts range from 67% of average on the  *
* Bear at Randolph to 247% for the East Fork Sevier.     *
* * * * * * * * * * * * * * * * * * * * * * * * * * * * *
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SNOW COVER

Snow cover ranges from 98% of average along the Salt Lake front to 233% on the Virgin River. The Upper Sevier is 216% of the February 1 average, Beaver River is 176%, and the Lower Sevier 117%. Uintah Basin is 140% of average, Bear River is 112%, Weber River 104%, Ogden 124%, Price 134%, and San Rafael 122%.

PRECIPITATION

Precipitation at mountain locations for January ranged from 20 to 30% below average in Uintah Basin to better than twice average in southern Utah. Accumulated amounts for the October-January period range from near average in the northern part of the state to twice average on the Virgin River.

SOIL MOISTURE

Soil moisture is generally slightly below average to near average in northern Utah to above average in southern Utah.

RESERVOIR STORAGE

Reservoir storage is better than last year at this time and most reservoirs are near average except those on the Sevier River and Moon Lake and Steinaker in Uintah Basin.

STREAMFLOW FORECASTS

Streamflow forecasts range from below average on the Bear and Weber Rivers to much above average on the Virgin and Upper Sevier in southern Utah. Bear River forecasts range from 67% of the April-July average at Randolph to 108% for Thomas and Smith's Forks. Logan River is forecast 106% and Little Bear 97%. Pineview Inflow is forecast 109% and Weber River forecasts range from 72% at Oakley to 84% at Gateway. Uintah Basin forecasts range from 92% on the Upper Duchesne to 112% on Ashley Creek. Tributaries of Utah Lake are forecast from 101% for the Provo at Hailstone to 115% for Spanish Fork. Price River is forecast 141%, Huntington Creek 154%,

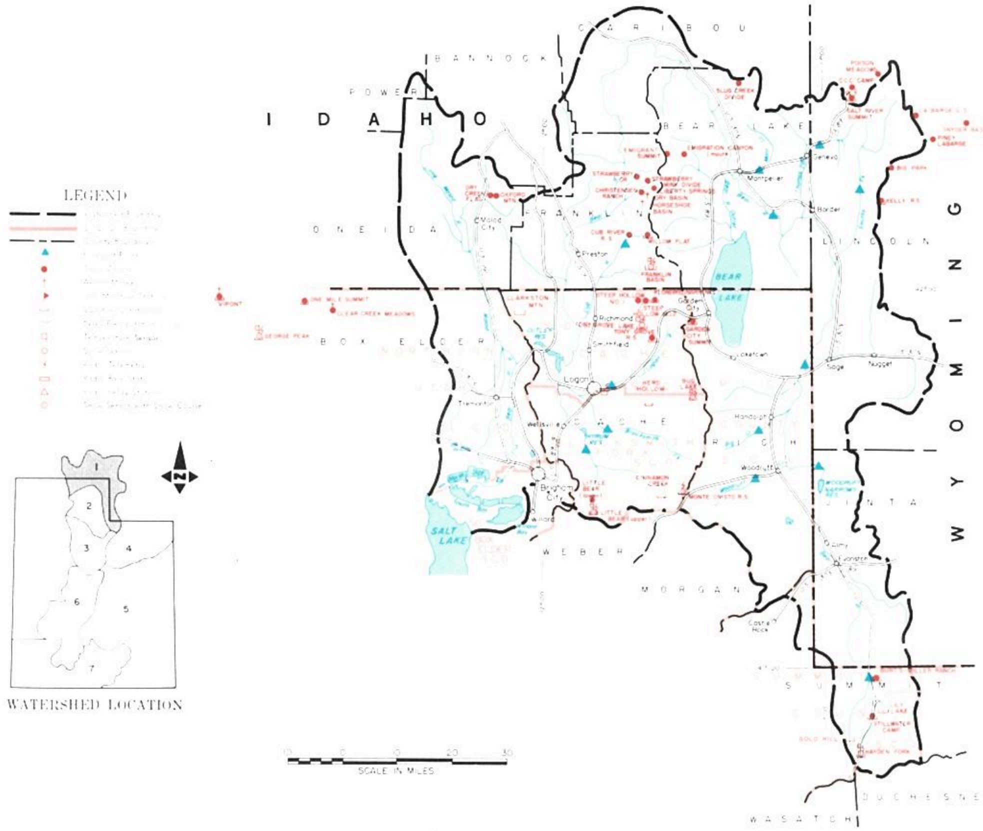
WATER SUPPLY OUTLOOK (continued)

Cottonwood 108%, Ferron 118%, Muddy 119%, and Seven Mile Creek 109%. Mill Creek near Moab is forecast 196% of average, San Juan 185% at Bluff and Lake Powell Inflow 140% of the April-July average.

All areas are expected to have an adequate water supply except possibly those depending on reservoir storage that is in short supply. These reservoirs should receive enough inflow to give a near average supply if at least average snow fall occurs for the next two months.

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, 1979

THE WATER SUPPLY OUTLOOK IS BELOW AVERAGE ON THE UPPER BEAR AND NEAR AVERAGE ON LOWER BEAR TRIBUTARIES

SNOW COVER ranges from 105% of the February 1 average for the 1963-77, 15 year period to 117% of average on the Lower Bear. Logan River snow cover is 114% of average. All three areas have less snow water content than last year at this time by 20 to 30%. This year's cold weather has limited snow water accumulation at the higher elevations.

PRECIPITATION at mountain stations ranged from 99 to 125% of the January average, but the fall precipitation October-January was 89 to 122% of average.

SOIL MOISTURE is generally below average and is expected to absorb some snowmelt this spring.

RESERVOIR STORAGE is near average as of February 1, and about 30% better than last year at this time.

STREAMFLOW FORECASTS range from 67% of the April-July average at Randolph to 108% on Thomas and Smiths Forks. Bear River at Utah-Wyoming line is forecast 82%, Woodruff 68%, and Harer 87%. Big Creek and Woodruff Creeks are forecast 107% and 95% respectively. Logan River and Blacksmith Fork are 106%, Cub River is forecast 100%, and Little Bear 97% of average for the April-June period.

M7-OL-22027-1

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 2	PAST RECORD THOUSAND ACRE FEET Average †
BEAR RIVER					
Bear nr UT-Wyo. State Line	93	82	Apr-July	115	114
Bear nr Woodruff	100	68	Apr-July	125	148
Woodruff Crk nr Woodruff, UT	17.4	95	Apr-July	15.5	18.4 b
Big Creek nr Randolph, Utah	4.5	107	Apr-July	--	4.2 b
Bear nr Randolph	80	67	Apr-July	51	120
Thomas Fork nr UT-Wy State Ln	38	108	Apr-Sept	54	35
Smith's Fork nr Border, Wyo.	130	108	Apr-Sept	159	120
Bear at Harer, Idaho 1/	288	87	Apr-Sept	278	332
Logan nr Logan 1/	125	106	Apr-July	136	118
Blacksmith Fork nr Hyrum	57	106	Apr-July	50	54
Little Bear nr Paradise	37	97	Apr-June	25	38
Cub River nr Preston, ID	52	100	Apr-Sept	64	52

1 - Observed flow corrected for change in storage and diversions
2 - Provisional flows - Subject to correction
b - Average of all past record less than 15 years

SUMMARY of SNOW MEASUREMENTS (COMPARISON WITH PREVIOUS YEARS)

RIVER BASIN and/or SUB-WATERSHED	Number of Courtesy Averaged	THIS YEAR AS A PERCENT OF Last Year	THIS YEAR AS A PERCENT OF Average
BEAR RIVER	15	76	112
UPPER BEAR RIVER	7	68	105
LOWER BEAR RIVER	8	83	117
LOGAN RIVER	6	81	114

RESERVOIR STORAGE (Thousand Acre Feet)

BASIN OR STREAM	RESERVOIR	Usable Capacity	USEABLE STORAGE This Year	USEABLE STORAGE Last Year	USEABLE STORAGE Average †
BEAR RIVER	Bear Lake	1421.0	1003.7	774.8	1026.5
	Woodruff Narrows	26.5	17.3	4.2	19.5
LITTLE BEAR	Hyrum	15.3	10.2	10.1	10.6
	Porcupine	11.3	3.4	2.8	3.0

+ - 1963-77 15 year Average Period
e - estimated

PEAK FLOWS

FORECAST POINT	PEAK FLOW (SECOND FEET) Forecast Range	PEAK FLOW (SECOND FEET) Average †
To begin March 1, 1979		

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WATER SUPPLY OUTLOOK

WEBER-OGDEN WATERSHEDS in UTAH

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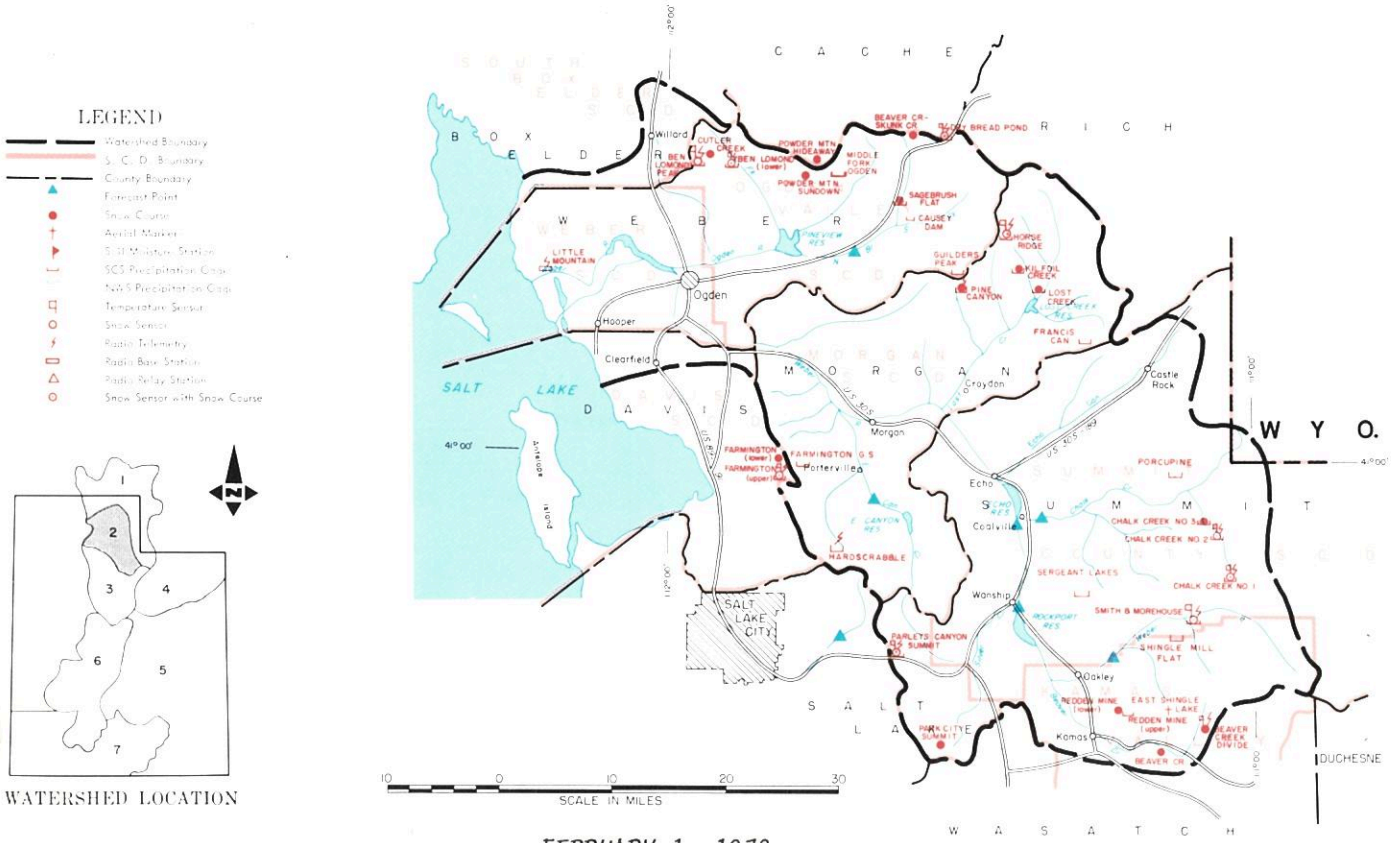
UTAH STATE DEPARTMENT OF NATURAL RESOURCES-DIVISION OF WATER RIGHTS



FEBRUARY 1, 1979

THE WATER SUPPLY OUTLOOK IS NEAR AVERAGE

SNOW COVER ranges from 104% of average on the Weber River to 124% on the Ogden River. Individual snow courses vary from 104% at Monte Cristo on the top of the Ogden watershed to 141% at Sagebrush Flat. Weber River snow courses varied from 85% of average at Chalk Creek #2 to 133% at Farmington Lower. Smith & Morehouse was 96% and Parleys Summit 94%.

PRECIPITATION at mountain stations ranged from 85% of the January average at Smith & Morehouse to 154% at Causey Reservoir. The October-January accumulated precipitation ranged from 77% at Smith & Morehouse to 109% at Causey Reservoir.

SOIL MOISTURE is generally below average on these watersheds.

RESERVOIR STORAGE is above average on all reservoirs except Causey and Rockport which are slightly below average. Pineview has 52,600 acre feet (101%). Last year it held 36,400 acre feet on February 1. Rockport has 33,600 acre feet (96%) but last year held only 22,700, Echo has 63,700 acre feet (131%) now and last year it held only 41,600 acre feet at this time. East Canyon now holds 36,800 acre feet (133%) and last year it held only 19,900 acre feet on February 1. Lost Creek has 14,700 (114%) and held only 9,600 acre feet last year at this time.

STREAMFLOW FORECASTS range from 72% of average for the April-June period for the Weber at Oakley and East Canyon Creek to 109% for Pineview Inflow. Other Weber River forecasts are 75% of average for Rockport Inflow, 74% at Coalville and 84% at Gateway. Chalk Creek is expected to flow 74% of its April-June 15 year average, and Lost Creek 80% of average. The South Fork of the Ogden is forecast 107%, Hardscrabble 94% and Farmington Creek 100% of the 1963-77 15 year average. Reservoir storage is expected to provide average water supplies for those users under storage. Some water users on direct flow may have less than average water supplies late in the season unless conditions improve during the next two months.

M7-OL-22027-2
USDA-SCS-PORTLAND, OR-1978

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 3	PAST RECORD THOUSAND ACRE FEET Average †
WEBER-OGDEN RIVERS					
Weber nr Oakley	76	72	Apr-June	121	104
Rockport Reservoir Inflow1	84	75	Apr-June	--	112
Chalk Creek at Coalville	29	74	Apr-June	37	39
Weber nr Coalville	91	74	Apr-June	--	123
Lost Creek nr Croydon, Utah	14	80	Apr-June	--	17.4b
East Canyon Creek nr Morgan1	18.8	72	Apr-June	--	26
Hardscrabble Crk nr Portervil	17.0	94	Apr-June	--	18.8
South Fork Ogden nr Huntsville	61	107	Apr-June	62	57
Pineview Reservoir Inflow2	125	109	Apr-June	136	115
Weber at Gateway	258	84	Apr-June	--	308
JORDAN RIVER & SALT LAKE					
Farmington Crk nr Farmington	8.1	100	Apr-July	--	8.1b

1 - Observed flow corrected for change in storage and diversions
2 - Inflow record as computed by U.S. Bureau of Reclamation
3 - Provisional flows - Subject to Correction
b - Average of all past record - less than 15 years
e - Partly estimated

SUMMARY of SNOW MEASUREMENTS (COMPARISON WITH PREVIOUS YEARS)

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	4	97	124
WEBER RIVER	7	96	104

RESERVOIR STORAGE (Thousand Acre Feet) MIDMONTH READING

BASIN OR STREAM	RESERVOIR	Usable Capacity	USEABLE STORAGE This Year	USEABLE STORAGE Last Year	USEABLE STORAGE Average†
OGDEN	Causey	6.9	1.4	2.6	2.0b
	Pineview	110.1	52.6	36.4	52.2
WEBER	East Canyon	48.1	36.8	19.9	27.6
	Echo	73.9	63.7	41.6	48.5
	Lost Creek	20.0	14.7	9.6	12.9
	Rockport	60.9	33.6	22.7	35.2
	Willard Bay	193.3	161.7	114.5	127.2b

† - 1963-77 15 Year Average Period

PEAK FLOWS

FORECAST POINT	PEAK FLOW (SECOND FEET) Forecast Range	PEAK FLOW (SECOND FEET) Average †
To begin March 1, 1979		

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WATER SUPPLY OUTLOOK

UTAH LAKE, JORDAN RIVER and TOOELE VALLEY WATERSHEDS in UTAH

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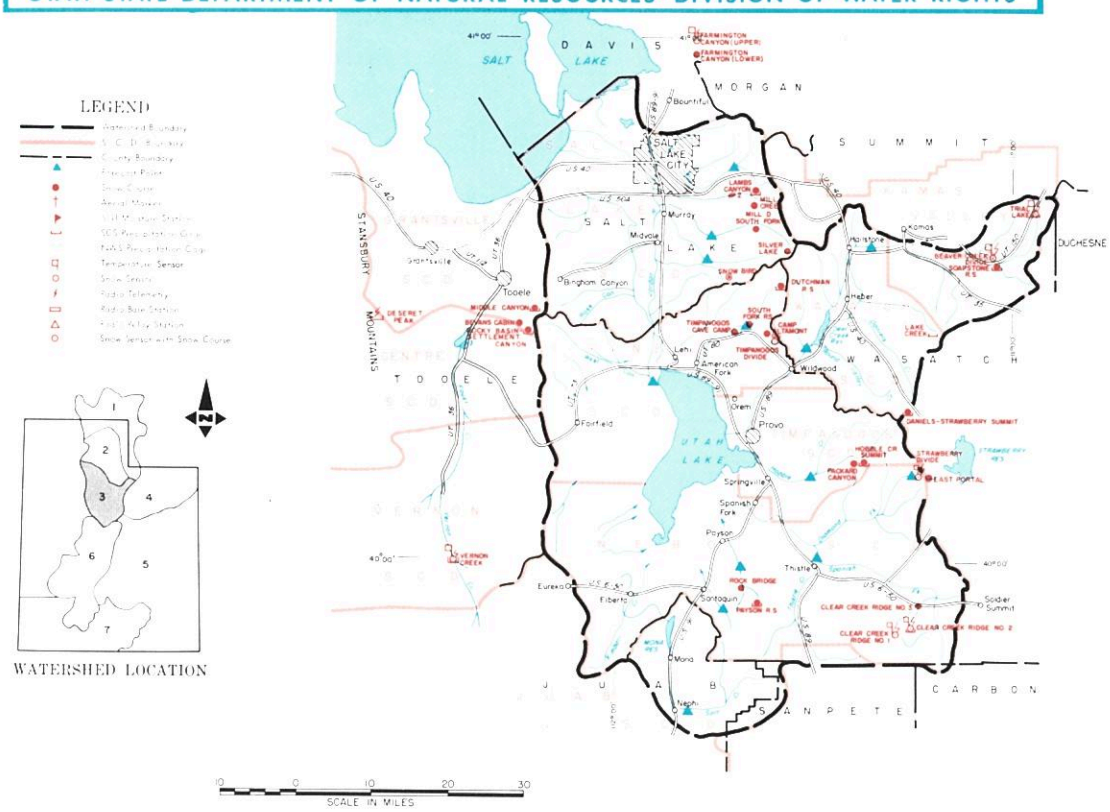
UTAH STATE DEPARTMENT OF NATURAL RESOURCES - DIVISION OF WATER RIGHTS



FEBRUARY 1, 1979

THE WATER SUPPLY OUTLOOK IS NEAR AVERAGE

SNOW COVER ranges from 98% of average along the Wasatch front above Salt Lake City to 128% for Utah Lake tributaries. Tooele Valley is 131% of the February 1 average with Middle Canyon only 104% and Vernon Creek 167% of the estimated February 1 average.

PRECIPITATION at mountain stations ranged from 90% of the January average at Parleys Summit to 145% at Payson Ranger Station. The October-January accumulated amounts range from 84% of average at Parleys to 116% at Timpanogos Divide.

SOIL MOISTURE is near average.

RESERVOIR STORAGE is near average except for Deer Creek which is about 21% below its 15 year February 1 average. Strawberry is 107% average and Utah Lake 114%. Vernon Creek is full and Settlement Creek is half full.

STREAMFLOW FORECASTS range from 92% of average for Emigration Creek to 200% on Vernon Creek. Hobble Creek the next highest at 125%, Provo River forecasts are 101% at Hailstone, and 111% at Deer Creek Dam. American Fork is forecast 114%, Spanish Fork 115%, Payson Creek 111%, and Utah Lake Inflow 111% for the April-July period. Little Cottonwood is forecast 103%, Big Cottonwood 107%, Mill Creek 111%. Parleys Creek 97%, and City Creek 98% of average.

USDA-SCS-PORTLAND, OR. 1978 M7-OL-22027-3

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 AND UTAH LAKE					
Provo nr Hailstone 1	110	101	Apr-July	--	109
Provo below Deer Creek Dam1	135	111	Apr-July	--	122
American Fork nr American Fork	35	114	Apr-July	37	31
Hobble Creek or Springville	22	125	Apr-July	--	19.7b
Strawberry Reservoir Inflow1	59	113	Apr-July	67	52
Spanish Fork at Thistle	45	115	Apr-July	--	39 b
Payson Creek nr Payson	7.0	111	Apr-July	--	--
Utah Lake Inflow	270	111	Apr-July	--	244
JORDAN RIVER & SALT LAKE					
Little Cottonwood Crk nr SLC	39	103	Apr-July	--	38
Big Cottonwood nr SLC	41	107	Apr-July	42	38
Parley's Creek nr SLC	15.0	97	Apr-July	--	15.4
Mill Creek nr SLC	7.0	111	Apr-July	--	8.8
Emigration Creek nr SLC	4.5	92	Apr-July	--	4.9
City Creek nr SLC	10.5	98	Apr-July	--	10.7
TOOELE VALLEY					
Vernon Creek nr Vernon	2.0	200	Mar-July	--	1.0
Settlement Crk nr Tooele	issued	on 4/1	Apr-July		

SUMMARY of SNOW MEASUREMENTS (COMPARISON WITH PREVIOUS YEARS)

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	8	115	128
JORDAN RIVER & SALT LAKE	3	103	98
TOOELE VALLEY	2	136	131

1 - Observed flow corrected for change in storage and diversions
2 - Provisional flows - Subject to correction
a - Partly estimated
+ - 1963-77 15 year average period

RESERVOIR STORAGE (Thousand Acre Feet)

BASIN OR STREAM	RESERVOIR	Usable Capacity	USEABLE STORAGE This Year	USEABLE STORAGE Last Year	USEABLE STORAGE Average†
SPANISH FORK	Strawberry	270.0	161.5	141.2	150.8
UTAH LAKE	Utah Lake	883.9	780.1	609.0	683.1
	Settlement Creek	1.2	0.6	0.3	--
	Vernon Creek	0.6	0.6	0.3	--
PROVO	Deer Creek	149.7	84.7	70.7	107.0

PEAK FLOWS

FORECAST POINT	PEAK FLOW (SECOND FEET) Forecast Range	PEAK FLOW (SECOND FEET) Average †
To begin March 1, 1979.		

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WATER SUPPLY OUTLOOK

UINTAH BASIN and DAGGETT SCD's in UTAH

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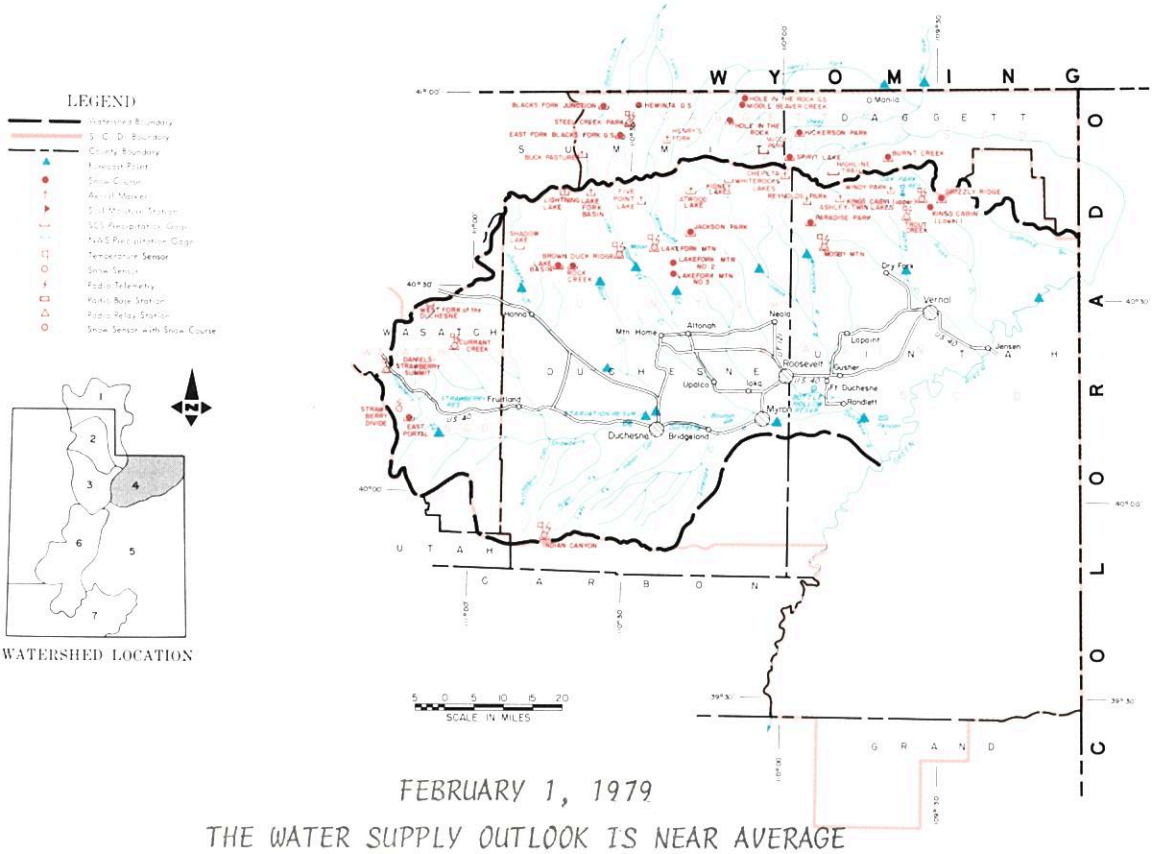

FEBRUARY 1, 1979

THE WATER SUPPLY OUTLOOK IS NEAR AVERAGE

SNOW COVER ranges from 129% of the February 1 average on Strawberry River to 150% at Lakefork Mountain on the Lakefork-Yellowstone Creeks. The Uintah-Whiterocks Rivers are 138% of average. Weather has prevented flying the high aerial markers as of this date.

PRECIPITATION at mountain stations ranged from 70% of the January average at Paradise Park to 130% around Strawberry Reservoir. The October-January accumulated precipitation has ranged from 105% on Ashley Creek to 129% above Strawberry Reservoir.

SOIL MOISTURE is near average.

RESERVOIR STORAGE is below average in both Steinaker 55% (11,300 acre feet) and Moon Lake 41% (6,900 acre feet). Starvation is about the same as last year with 141,600 acre feet.

STREAMFLOW FORECASTS range from 87% of average for Black's Fork to 112% for Ashley Creek. Whiterocks is forecast 95%, Uintah 101%, Yellowstone 101%, Lakefork 100%, Rock Creek 104%, Currant Creek 105%, Duchesne 92% at both Tabiona and Duchesne and the Strawberry at Duchesne 105% of the April-July average.

USDA-SCS-PORTLAND, OR. 1978 M7-OL-22027-4

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 2	PAST RECORD THOUSAND ACRE FEET Average +
DUCHESNE RIVER					
Duchesne nr Tabiona[1]	98	92	Apr-July	--	107
Duchesne at Duchesne[1]	178	92	Apr-July	--	193
Strawberry at Duchesne	60	105	Apr-July	--	57
Rock Creek nr Mtn. Home	99	104	Apr-July	116	95
Currant Creek nr Fruitland	21	105	Apr-July	19.0	20
Lakefork below Moon Lake[1]	72	100	Apr-July	70	72
Yellowstone nr Altonah	68	101	Apr-July	--	67
Duchesne at Myton[1]	220	105	Apr-July	134	210
Whiterocks nr Whiterock	57	95	Apr-July	49	60
Uintah nr Neola	90	101	Apr-July	72	89
Duchesne at Randlett[1]	266	100	Apr-July	--	266
West Fork Duchesne At Hanna	25	98	Apr-July	--	26
FLAMING GORGE TO DUCHESNE RIVER					
Henry's Fork nr Manila	48	89	Apr-Sept	--	54
Black's Fork at Millburne	80	87	Apr-July	--	92
Flaming Gorge Inflow[1]	1300	101	Apr-July	1470	1292
Ashley Creek nr Vernal	57	112	Apr-July	37	51

SUMMARY of SNOW MEASUREMENTS (COMPARISON WITH PREVIOUS YEARS)

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	7	127	140
LAKEFORK-YELLOWSTONE CREEKS	1	152	150
STRAWBERRY RIVER	3	100	129
UINTAH - WHITEROCKS RIVERS	2	163	138

1 - Observed flow corrected for change in storage and diversions
2 - Provisional flows - Subject to correction

RESERVOIR STORAGE (Thousand Acre Feet) MID-MONTH READING

BASIN OR STREAM	RESERVOIR	Usable Capacity	USEABLE STORAGE This Year	USEABLE STORAGE Last Year	USEABLE STORAGE Average+
ASHLEY CREEK	Steinaker	33.3	11.3	6.1	20.5
GREEN RIVER	Flaming Gorge	3749.0	2595.4	1987.5	--
LAKE FORK	Moon Lake	35.8	6.9	10.2	16.8
STRAWBERRY	Starvation	165.3	141.6	140.2	129.4[b]
UINTAH	Bottle Hollow	11.3	9.5	10.1	9.8[b]

+ - 1963-77 15 Year Average Period
b - less than 15 years

PEAK FLOWS

FORECAST POINT	PEAK FLOW (SECOND FEET) Forecast Range	PEAK FLOW (SECOND FEET) Average +
To begin March 1, 1979		

* 1958-1972 period

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

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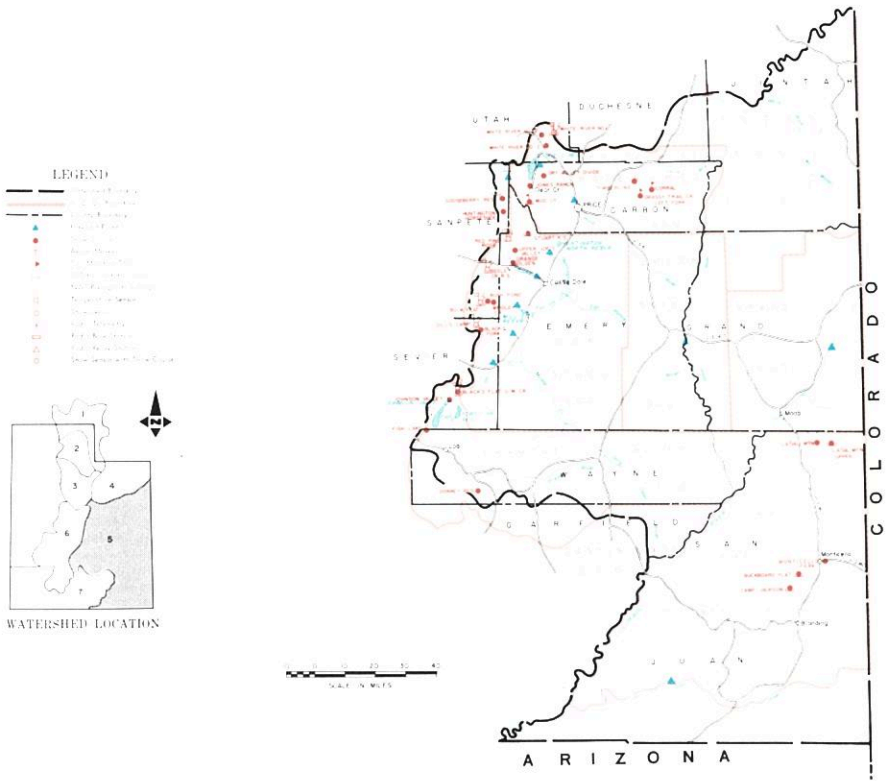
UTAH STATE DEPARTMENT OF NATURAL RESOURCES - DIVISION OF WATER RIGHTS



FEBRUARY 1, 1979

THE WATER SUPPLY OUTLOOK IS ABOVE AVERAGE

SNOW COVER ranges from 122% of average on the San Rafael to about twice average on the LaSal and Blue Mountains. Price River basin is 134% of the February 1 average.

PRECIPITATION at mountain locations ranged from 110% of average at Red Pine Ridge to 173% at Fish Lake for January. Up to 7.5 inches of precipitation in the form of snow fell at Camp Jackson on the Blue Mountains, but the site has insufficient February 1 record to have an average.

SOIL MOISTURE in this area is above average.

RESERVOIR STORAGE is above average with Scofield 115% and Joes Valley 121% of the February 1 average.

STREAMFLOW FORECASTS range from 109% on Cottonwood Creek to 196% for Mill Creek near Moab. Other forecasts are as follows: Scofield Inflow 146% (52,000 acre feet), Price 141%, Huntington Creek 154%, Ferron Creek 118%, Muddy Creek 119%, and 185% for San Juan near Bluff. Seven Mile Creek near Fish Lake 109%.

USDA-SCS-PORTLAND, OR 1979 M7-OL-22027-5

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 2	PAST RECORD THOUSAND ACRE FEET Average +
PRICE RIVER					
Gooseberry Crk nr Scofield	15.0	150	Apr-July	--	10.1
Scofield Reservoir Inflow	52	146	Apr-July	--	36
Price nr Heinerl	90	141	Apr-July	--	--
SAN RAFAEL RIVER					
Huntington Crk nr Huntington	71	154	Apr-July	66	49 b
Cottonwood Crk nr Orangeville	48	109	Apr-July	--	44 b
Ferron Creek nr Ferron	40	118	Apr-July	--	34
MUDDY CREEK					
Muddy Creek nr Emery	20	119	Apr-July	--	16.8
UPPER COLORADO BASIN					
Colorado nr Cisco, Utah	4100	151	Apr-July	3884	2716
Green at Green River, Utah	3500	118	Apr-July	3560	2975
Mill Creek nr Moab	10.0	196	Apr-July	--	5.1 b
Navajo Reservoir Inflow	1150	189	Apr-July	--	608
San Juan nr Bluff, Utah	1600	185	Apr-July	870	865
FREMONT RIVER					
Seven Mile Crk nr Fish Lake	7.0	109	Apr-July	--	6.4

SUMMARY of SNOW MEASUREMENTS (COMPARISON WITH PREVIOUS YEARS)

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	1	104	134
SAN RAFAEL RIVER	3	99	122

1 - Observed flow corrected for change in storage and diversions
2 - Provisional flows - Subject to correction

RESERVOIR STORAGE (Thousand Acre Feet)

BASIN OR STREAM	RESERVOIR	Usable Capacity	USEABLE STORAGE This Year	USEABLE STORAGE Last Year	USEABLE STORAGE Average +
PRICE RIVER	Scofield	65.8	40.0	17.3	34.7
SAN RAFAEL	Huntington North	3.9	1.5	2.1	2.4 b
	Joe's Valley	54.6	43.6	33.5	36.0 b
	Mill Site	16.7	5.6	0.3	--
SAN JUAN	Navajo	1696.0	1180.7	955.5	--

+ - 1963-77 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 +
To begin March 1, 1979		

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WATER SUPPLY OUTLOOK

SEVIER RIVER BASIN including BEAVER RIVER in UTAH

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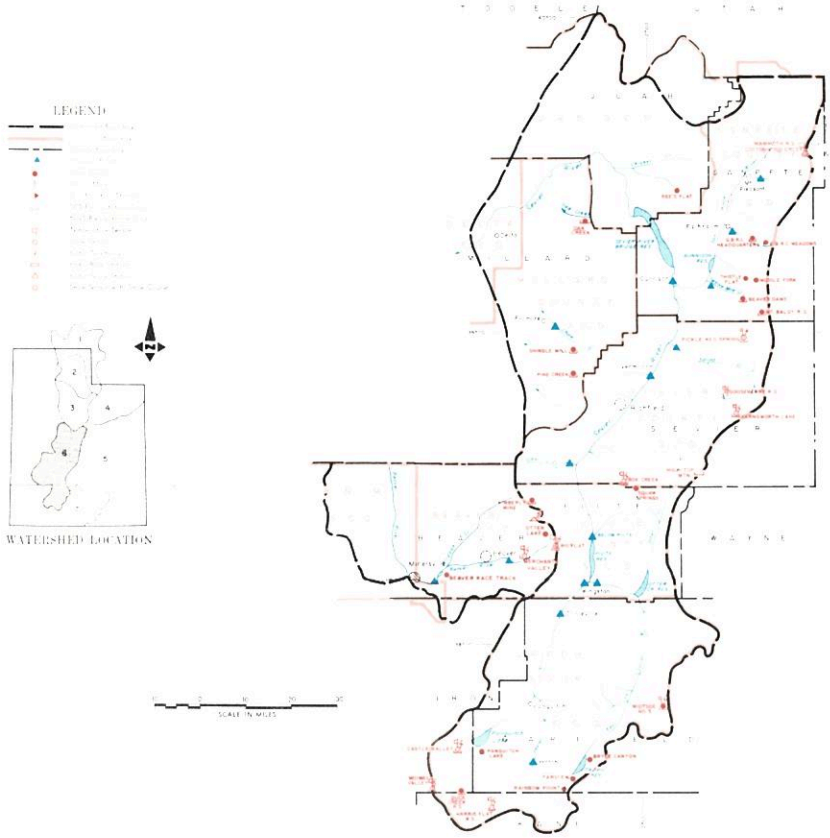
UTAH STATE DEPARTMENT OF NATURAL RESOURCES-DIVISION OF WATER RIGHTS



FEBRUARY 1, 1979

THE WATER SUPPLY OUTLOOK IS ABOVE AVERAGE

SNOW COVER ranges from 261% of the February 1 average on the East Fork Sevier to 117% on the Lower Sevier. The South Fork is 206% and Beaver River is 176% of the February 1 average for the 1963-77 15 year period. The Upper Sevier has two to three times the snow water content this year over last year.

PRECIPITATION at mountain locations varied from 126% of the January average at Shingle Mill near Fillmore to 244% at Duck Creek R.S. The October-January accumulated precipitation ranges from 91% of average at Shingle Mill to 185% at Widtsoe #3.

SOIL MOISTURE is above average on the Upper Sevier and near average on the Lower Sevier.

RESERVOIR STORAGE in four Sevier River reservoirs is 59% of the February 1 average and 7% better than a year ago. Minersville Reservoir is 97% of average and better than three times last years storage on February 1. All reservoirs should fill except Sevier Bridge.

STREAMFLOW FORECASTS range from 116% of the April-July average for Chalk Creek to 247% for the East Fork of Sevier. Sevier River is forecast 197% at Hatch, 215% at Circleville, 236% at Kingston, and 157% at Gunnison. Clear Creek is forecast 164%, Salina Creek 159%, and Ephraim Creek 197%. Beaver River is forecast 160%, North Creeks 125%, and Minersville Inflow 185% of the April-June average.

USDA SCS PORTLAND, OR 1977 M7-OL-22027-6

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 2	PAST RECORD THOUSAND ACRE FEET Average +
SEVIER RIVER					
Sevier at Hatch	80	197	Apr-July	51	41
Sevier nr Circleville	65	215	Apr-July	--	29
Sevier nr Kingston	53	236	Apr-July	--	22
Antimony Crk nr Antimony	14.7	201	Apr-July	--	6.9
East Fork Sevier nr Kingston 1	38	247	Apr-July	--	15.4
Sevier below Piute Dam	85	237	Apr-July	--	36
Clear Crk nr Sevier (abv Div)	31	164	Apr-July	25	17.8
Inflow					
Kingston to Vermillion Dam	105	187	Apr-June	--	--
Vermillion Dam to Gunnison	55	159	Mar-June	--	--
Salina Creek at Salina	18.5	159	Apr-June	12.8	11.1
Sevier nr Gunnison	78	157	Apr-July	35	50
Chalk Creek nr Fillmore	18.0	116	Apr-July	--	15.5 b
Chicken Creek nr Levan	3.5	113	Apr-July	--	3.1
Oak Cr. nr Oak City	2.5	179	Apr-July	--	1.4
SAN PITCH RIVER					
Ephraim Creek nr Ephraim	28.5	197	Apr-July	--	--
Pleasant Crk nr Mt. Pleasant	12.4	148	Apr-July	--	8.6
BEAVER RIVER					
Beaver nr Beaver	32	160	Apr-July	37	20
North Creek (Combined)	15.2	125	Apr-July	--	12.2 b
Minersville Reservoir Inflow 1	12.2	185	Apr-June	--	6.6

SUMMARY of SNOW MEASUREMENTS (COMPARISON WITH PREVIOUS YEARS)

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	5	205	216
East Fork Sevier	2	306	261
South Fork Sevier	4	192	206
LOWER SEVIER	6	100	117
BEAVER RIVER	3	135	176

1 - Observed flow corrected for change in storage and diversions
2 - Provisional flows - Subject to correction

RESERVOIR STORAGE (Thousand Acre Feet)

BASIN OR STREAM	RESERVOIR	Usable Capacity	USEABLE STORAGE This Year	USEABLE STORAGE Last Year	USEABLE STORAGE Average +
SEVIER RIVER	Gunnison	18.2	9.3	1.0	11.7
	Otter Creek	52.5	19.2	17.3	29.6
	Piute	71.8	27.2	18.1	40.1
	Sevier Bridge	236.0	59.5	71.2	113.6
BEAVER RIVER	Minersville (Rky Fd)	23.3	11.6	4.4	12.0

b - Average of all past record - less than 15 years
+ - 1963-77 15 Year Average Period
e - Estimated

PEAK FLOWS

FORECAST POINT	PEAK FLOW (SECOND FEET) Forecast Range	PEAK FLOW (SECOND FEET) Average +
To begin March 1, 1979		

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SOIL CONSERVATION SERVICE
Federal Bldg. - Room 4012
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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

FEBRUARY 1, 1979

THE WATER SUPPLY OUTLOOK IS ABOVE AVERAGE

SNOW COVER varies from 180% of the February 1 average on Parawan Creek to 233% on Virgin River. Coal Creek is 219% of average. All three watersheds have about twice as much snow water content as last year at this time. Mountain cabin owners are advised to shovel snow off roofs to reduce damage to structures. Many snow courses have greater water content this year than February 1, 1969 and are approaching the heaviest year of record 1952. Snow water measurements above Enterprise are also about the same as those taken March 1, 1969.

PRECIPITATION at mountain stations was generally better than twice average for January bringing the October-January accumulation to near 200% of average at most stations. Some stations received as much as seven inches of precipitation during January.

SOIL MOISTURE is above average in this area.

RESERVOIR STORAGE is reported as almost full and releasing at Gunlock Reservoir. Enterprise Reservoirs appeared to be about half full as snow surveyors flew over on February 5. These reservoirs could fill rapidly if a warming trend and/or rain occurrs in the next few weeks. Snow cover is very heavy above these structures.

STREAMFLOW FORECASTS range from 140% of the April-July average for Lake Powell Inflow to 195% (8,000 acre feet) of the April-June average for Santa Clara near Pine Valley. Virgin River near Hurricane is forecast 192% (93,000 acre feet) of its April-June average and Coal Creek is forecast 176% (30,000 acre feet) of its April-July average.

USDA-SCS-PORTLAND, OR-1979 M7-OL-22027-7

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 2	PAST RECORD THOUSAND ACRE FEET Average +
VIRGIN RIVER					
Virgin nr Hurricane	93	192	Apr-June	--	48.5
Santa Clara nr Pine Valley	8.0	195	Apr-June	9.9	4.1
COAL CREEK					
Coal Creek nr Cedar City	30	176	Apr-July	--	17.0
UPPER COLORADO					
Lake Powell Inflow	9700	140	Apr-July	--	6952

2 - Provisional Flows - Subject to correction

SUMMARY of SNOW MEASUREMENTS (COMPARISON WITH PREVIOUS YEARS)

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	189	219
VIRGIN RIVER	3	205	233
PAROWAN CREEK	3	210	180

RESERVOIR STORAGE (Thousand Acre Feet)

BASIN OR STREAM	RESERVOIR	Usable Capacity	USEABLE STORAGE This Year	USEABLE STORAGE Last Year	USEABLE STORAGE Average+
COLORADO	Lake Powell	25002.0	15222.0	14789.0	--
	Blue Mesa	829.5	523.2	279.3	--

b - Average of all past record - less than 15 years
+ - 1963-77 15 year Average Period

PEAK FLOWS

FORECAST POINT	PEAK FLOW (SECOND FEET) Forecast Range	PEAK FLOW (SECOND FEET) Average +
To begin March 1, 1979		

+ 1958-1972 period

MAR 6.6 PORTLAND, OREGON 1974 M7-N-22027X

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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	1/29	47	13.6	20.4	13.3						
Burts-Miller Ranch	1/30	20	4.5	4.5	--	1/30	1.50a	--	4.91	--	--
CCC Camp	1/30	38	9.6	14.6	8.6						
Hayden Fork	1/30	36	9.2	12.4	--	1/30	3.62a	--	11.84	--	--
Kelly R.S.	1/29	50	13.0	19.0	11.9						
Monte Cristo R.S.	1/30	55	16.9	19.3	16.3	1/30	6.35	6.10b	15.23	17.12	89
Poison Meadows	1/29	68	19.2	33.1	20.1						
Salt River Summit	1/30	46	12.2	18.0	11.0	1/30	4.13	4.18	10.75	11.35	95
Snider Basin	1/29	45	13.4	20.2	11.7						
Stillwater Camp	1/30	33	7.8	8.0	--	1/30	2.10a	--	6.96	--	--
LOWER BEAR RIVER (Below Harer, Idaho)											
Bug Lake	1/29	54	16.2	--	--						
Cub River R.S.	1/29	34	8.6	9.4	6.4						
Emigrant Summit	1/31	59	17.8	23.8	17.0						
Franklin Basin	1/29	55	18.1	23.4	17.8a						
Garden City Summit	1/29	53	15.5	15.0	11.6	1/29	5.34	4.27	15.05	12.33	122
Klondike Narrows	1/29	48	15.5	18.6	13.0	1/29	4.83	--	11.65	--	--
Little Bear (lower)	1/30	38	10.6	8.7	--						
Little Bear (upper)	1/30	42	12.5	9.3	--						
Steep Hollow #1	1/29	77	24.5	34.4	23.3						
Steep Hollow #2	1/29	60	18.3	25.8	17.1						
Tony Grove Lake	1/29	79	26.6	37.4	--						
Tony Grove R.S.	1/29	43	12.4	11.8	8.6	1/29	5.07	--	--	--	--
Willow Flat	1/29	52	14.8	14.8	10.9	1/29	6.08	5.00b	14.26	15.14	94
OGDEN RIVER											
Beaver Creek-Skunk Creek	1/30	33	10.8	10.0	8.3						
Ben Lomond Peak	1/30	82	28.1	31.0	22.4b						
Ben Lomond (lower)		Discontinued									
Ben Lomond Trail	1/30	61	17.4	--	12.4b	1/30	7.01	7.56b	18.68	20.51b	91
Causey Dam						1/30	3.95	2.56b	10.32	9.49	109
Cutler Creek		Discontinued		24.0	--						
Dry Bread Pond	1/30	44	13.5	15.4	12.2						
North Fork	2/1	82	18.7	--	--						
Sagebrush Flat	1/30	24	5.8	3.7	4.1	1/30	4.02	--	10.55	9.49	111
WEBER RIVER											
Beaver Creek R.S.	2/3	28	5.8	5.6	5.9						
Chalk Creek #1	1/30	47	12.6	16.1	13.6a						
Chalk Creek #2	1/30	35	8.2	9.2	9.7						
Chalk Creek #3	1/30	26	5.6	4.9	5.4	1/30	1.94	--	6.34	9.44b	67
East Shingle Lake (A)		Data Delayed		23.8	--						
Farmington Canyon (lower)	1/30	61	18.6	16.5	14.0b	1/30	5.98	5.22b	17.19	18.36	94
Farmington Canyon (upper)	1/30	69	21.9	21.4	19.5b						
Farmington G.S.						1/30	6.16	--	14.48	--	--
Horse Ridge	1/30	58	18.5	16.6	15.0a	1/30	6.92	--	17.79	--	--
Killfoil Creek	1/30	47	13.1	9.3	--						
Lost Creek Reservoir	1/30	30	6.9	4.6	--	1/30	3.45	--	8.58	--	--
Park City Summit	1/30	58	17.3	17.7	--						
Parley's Canyon Summit	1/29	45	11.9	14.4	12.7	1/29	3.90	4.31	12.39	14.80	84
Redden Mine (lower)		Not Measured									
Redden Mine (upper)							Not Measured				
Sergeant Lake (A)		Data Delayed		15.1	--						
Smith & Morehouse	1/30	33	8.5	9.1	8.9	1/30	3.10	3.55	9.12	11.90	77
PROVO RIVER & UTAH LAKE											
Beaver Creek Divide		Not Measured		9.9	--						
Camp Altamont	1/29	51	16.5	10.9	10.2						
Clear Creek Ridge #1	2/3	53	14.2	14.6	--						
Clear Creek Ridge #2	2/3	47	12.5	10.2	9.6b	2/3	3.62	--	12.42	10.87b	114
Clear Creek Ridge #3		Not Measured		7.1	5.5						
Dutchman R.S.	1/29	55	16.0	13.9	--						
Hobble Creek Summit		Not Measured		11.3	--						
Packard Canyon		Not Measured		7.3	--						
Payson R.S.	2/3	51	12.2	12.1	12.2	2/3	4.80	3.30	13.75	12.04	114

+ 1958-1972 period.

USDA-SCS-PORTLAND, OR. 1977 M7-0-22027 D

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
PROVO RIVER & UTAH LAKE (cont'd)											
Rock Bridge		Not Measured		7.8	8.3						
Soapstone R.S.	2/3	38	9.5	9.6	8.6	2/3	3.86	3.39	10.71	11.16	96
South Fork R.S.	1/29	27	8.8	7.6	4.5						
Timpanogos Cave Camp	1/29	15	4.0	1.8	2.3						
Timpanogos Divide	1/29	68	21.7	15.1	16.9	1/29	5.20	4.97	20.30	17.43	116
Trial Lake	2/3	61	16.8	21.1	15.6	2/3	5.65	4.71	16.86	16.20	104
JORDAN RIVER & GREAT SALT LAKE											
Lamb's Canyon #2	1/29	39	10.2	12.4	--	1/29	3.35	--	10.38	--	--
Middle Canyon	1/26	36	9.6	6.5	9.2	1/26	2.80	2.71b	11.40	9.74	117
Mill Creek	1/30	41	10.9	12.7	--						
Mill D South Fork	1/30	44	12.2	13.2	13.2						
Mt. Dell Dam						1/31	1.78	2.16	--	9.37	--
Silver Lake (Brighton)	2/1	58	15.6	16.6	15.8	1/31	5.57	5.36	17.87	18.07	99
Snow Bird (Gad Valley)	2/3	78	23.8	27.3	--						
Vernon Creek	1/26	42	11.2	8.8	--	1/26	3.90	--	12.80	--	--
UPPER SEVIER RIVER (South of Richfield, Utah)											
Box Creek	1/30	49	14.2	7.3	--	1/30	4.60	--	14.40	--	--
Bryce Canyon	1/30	42	9.9	2.4	3.0						
Castle Valley	1/30	53	15.4	7.4	--	1/30	4.50	--	16.55	--	--
Duck Creek R.S.	2/5	74	19.8	10.8	8.0	2/5	7.00	2.87	19.73	10.90	181
Farview	1/30	57	13.7	5.8	--						
Harris Flat	2/5	54	14.0	7.3	5.3						
Kimberly Mine	1/30	50	15.4	9.6	9.5b	1/30	5.20	3.13b	14.48	11.20	129
Midway Valley	2/5	89	24.0	10.4	12.7	2/5	6.20	--	22.50	--	--
Panguitch Lake	1/30	36	9.8	4.5	--	1/30	1.90	--	10.00	--	--
Rainbow Point	1/30	62	16.0	7.2	--						
Squaw Springs	1/30	34	9.0	5.6	--						
LOWER SEVIER RIVER (Including San Pitch River)											
Beaver Dams	2/3	49	12.2	9.5	--	2/3	5.92	--	12.35	--	--
Farnsworth Lake	2/2	51	13.3	11.8	11.8	2/2	4.70	3.09	12.30	11.64	106
G.B.R.C. Headquarters	1/30	42	12.2	10.9	9.8	1/30	4.15	2.98	12.30	11.52	107
G.B.R.C. Majors						2/1	2.50	1.42	7.10	5.65	126
G.B.R.C. Meadows	1/30	51	15.0	16.1	13.5	1/30	5.40	3.84	14.77	13.98	106
G.B.R.C. Oaks						2/1	3.05	2.02	8.55	7.82	109
Gooseberry R.S.	2/2	34	8.4	9.0	7.4	2/2	3.40	2.45b	10.25	7.49b	137
Mammoth-Cottonwood Creek	1/30	54	16.4	16.6	13.2						
Middle Fork		Not Measured		--	--						
Mt. Baldy R.S.	2/3	87	21.4	15.2	--	2/3	7.50	--	16.60	--	--
Oak Creek	1/30	43	11.5	--	--	1/30	3.75	--	12.46	--	--
Pickle Keg Springs	2/3	54	13.8	11.8	--						
Pine Creek	1/30	43	11.6	16.0	--	1/30	4.50	--	13.71	--	--
Ree's Flat	2/3	43	8.7	--	--	2/3	3.51	--	10.26	--	--
Shingle Mill	1/30	28	6.6	7.8	5.7	1/30	2.65	2.10b	9.35	10.25	91
Thistle Flat		Not Measured									
BEAVER RIVER											
Beaver Race Track	1/31	6	1.2	1.5e	--						
Beaver Canyon Power House						1/31	2.79	1.23	8.68	5.45	159
Big Flat	1/30	60	18.2	12.8	10.0	1/30	5.60	--	15.29	9.93	154
Merchant's Valley (upper)	1/30	46	11.2	9.2	7.5b	1/30	4.30	--	11.47	9.18b	125
Otter Lake	1/30	54	14.6	10.5	7.5						
PAROWAN CREEK											
Birch Crossing	1/29	35	9.3	4.8	4.3b						
Brian Head	1/30	70	21.2	9.1	12.4b						
Tall Poles	1/29	52	14.7	7.8	8.5b	1/29	4.50	2.20b	10.45	9.48b	110
Yankee Reservoir	1/30	44	10.6	6.5	--	1/30	5.05	--	11.30	--	--
ENTERPRISE TO NEW HARMONY DRAINAGES											
Little Grassy Creek	2/5	43	13.5	6.1	--	2/5	5.40	--	16.30	--	--

+ 1958-1972 period.

USDA-SCS-PORTLAND, OR 1977 M7-0-22027 D

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
ENTERPRISE TO NEW HARMONY DRAINAGES (cont'd)											
Long Flat	2/5	44	13.6	5.2	--	2/5	3.80	--	14.15	--	--
COAL CREEK											
Cedar City Golf Course	1/29	12	1.6	0.0	--						
SUSC Ranch	1/29	46	14.0	6.2	5.8b						
COLORADO RIVER DRAINAGE											
UPPER GREEN RIVER - UTAH											
Ashley-Twin Lakes (A)		Data Delayed		4.3	--						
Black's Fork G.S.-East Fork	1/30	25	6.4	7.2	--	1/30	3.48a	--	6.36	--	--
Black's Fork Junction	1/30	29	6.9	6.6	--	1/30	3.29a	--	6.33	--	--
Buck Pasture (A)		Data Delayed		15.1	--						
Burnt Creek	1/31	25	5.0	3.2	--	1/31	1.02	1.60b	6.42	6.09b	105
Dutch John Junction	1/31	25	4.8	3.3	--						
Grizzly Ridge	1/31	36	9.1	6.5	--	1/31	1.85	2.44b	9.17	8.75b	105
Henry's Fork (A)		Data Delayed		8.1							
Hewinta G.S.	1/30	27	6.3	6.5	--	1/30	3.70a	--	7.13	--	--
Hickerson Park	1/30	25	5.0	3.4	--						
Highline Trail		Discontinued									
King's Cabin (lower)		Discontinued		3.7	--						
King's Cabin (upper)	1/31	34	7.8	4.2	--	1/31	1.80a	--	7.99	--	--
Middle Beaver Creek		Not Measured									
Reynolds Park (A)		Data Delayed		8.1							
Spirit Lake	1/30	39	9.8	4.1	--	1/30	--	--	9.64	--	--
Steel Creek Park	1/30	37	9.0	11.6	--						
Trout Creek	1/30	38	9.1	4.5	--	1/30	--	--	8.42	--	--
Windy Park (A)		Data Delayed		2.2							
DUCHESNE RIVER											
Atwood Lake (A)		Data Delayed		3.8	--						
Brown Duck Ridge		Not Measured		13.8	--						
Chepeta-Whiterocks (A)		Data Delayed		7.5	--						
Currant Creek		Not Measured		8.1	--	2/1	3.70	--	12.00	--	--
Daniels-Strawberry Summit	2/5	45	10.6	10.9	10.0	2/5	4.65	3.59	14.61	12.03	121
East Portal	1/30	42	11.5	10.5	7.4	1/30	4.33	3.34	14.36	11.14	129
Five Points Lake (A)		Data Delayed		7.9	--						
Indian Canyon	2/5	48	14.1	8.9	8.0	2/5	3.19	2.41	13.46	8.69	155
Jackson Park	2/2	45	10.5	7.4	--	2/2	--	--	10.62	--	--
Lakefork Basin (A)		Data Delayed		10.6	--						
Lakefork Mountain	2/2	42	10.2	6.7	6.8	2/2	3.10a	--	9.70	8.68	112
Lakefork Mountain #2					--						
Lakefork Mountain #3		Not Measured		4.0	4.2b						
Lightning Lake (A)		Data Delayed		16.8	--						
Mosby Mountain	2/1	34	7.5	4.8	6.3	2/1	1.60a	2.28b	9.57	8.87	108
Paradise Park	2/1	46	12.6	7.5	8.3	2/1	1.67a	2.39b	14.23a	9.36	152
DUCHESNE RIVER											
Rock Creek Ranch	2/2	31	6.9	4.6	--	2/2	2.92	--	9.23	--	--
Strawberry Divide	1/30	58	16.4	16.0	12.4						
PRICE RIVER											
Dry Valley Divide Alternate	2/5	38	9.9	9.5	--						
Gooseberry Reservoir	Snow Course Discontinued			16.4	12.0	1/30	5.85	3.71	15.34	12.09	127
Jones Ranch		Discontinued		5.0	4.4						
Mud Creek	1/30	44	11.8	11.4	8.8	1/30	4.00	2.70	--	9.20	--
White River #1	2/3	54	13.9	10.0	--		No Reading				
White River #2		Discontinued		7.6	--						
White River #3	2/3	35	8.1	9.2	--						
SAN RAFAEL RIVER											
Buck Flat	2/3	55	14.4	12.9	10.2	2/3	6.65	--	15.45	11.29b	137
Huntington-Horseshoe	1/30	54	17.6	21.2	--						
Orange Olsen	1/30	23	4.5	5.0	--	1/30	2.50	--	7.85	5.22b	150
Red Pine Ridge	1/30	42	11.4	12.0	10.7	1/30	4.80	--	14.10	12.77	110
Seeley Creek R.S.	1/30	40	12.5	12.2	--		Gage Frozen				
Stuart R.S.	1/30	32	8.0	7.7	--	1/30	3.63	--	10.03	--	--

+ 1958-1972 period.

USDA-SCS-PORTLAND, OR. 1977 M7-0-22027 D

SNOW	THIS YEAR			PAST RECORD		PRECIPITATION (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)	Water Content (Inches) Last Year	Water Content (Inches) Average +	Date of Reading	Month's Precipitation	Average +	This Year	Average +	Percent of Average
SAN RAFAEL RIVER (cont'd)											
Upper Joe's Valley	1/30	34	7.8	9.0	6.6						
Wrigley Creek		Not Measured		9.0	6.4						
MUDDY RIVER											
Black's Fork		Not Measured		11.4	--						
Dill's Camp	2/3	44	9.6	11.2	--	2/3	6.68	--	14.01	--	--
FREMONT RIVER											
Black's Flat-U.M. Creek	2/2	44	10.4	9.4	--	2/2	4.20	--	12.08	--	--
Fish Lake	2/2	37	9.0	6.4	--	2/2	2.30	1.33b	9.10	6.35	143
Johnson Valley	2/2	37	8.8	6.9	--						
SOUTHEASTERN UTAH DRAINAGES											
Buckboard Flat	1/29	67	21.1	6.8	--	1/29	6.25	--	21.45	--	--
Camp Jackson	1/29	70	19.3	9.4	--	1/29	7.50	--	22.50	--	--
LaSal Mountain (lower)	1/30	40	9.0	8.0	--						
LaSal Mountain (upper)	1/30	58	15.6	11.6	--	1/30	5.20	--	13.64	--	--
Monticello City Park	1/31	29	8.8	4.7	--						
ESCALANTE RIVER											
Widtsoe-Escalante #3	2/2	58	14.6	5.6	6.4	2/2	2.70	1.58	14.05	7.59	185
VIRGIN RIVER											
Kolob-Crystal	2/5	91	28.8	10.9	--						
Long Valley Junction	1/30	56	15.8	6.9	3.2						
Webster Flat	2/5	73	21.0	12.3	10.2	2/5	7.10	3.48	23.48	11.62	202

a - Partly Estimated
b - Average of past record in average period - less than 15 years
+ - 1963-77 15 year average period
(A) - Aerial Marker Reading
e - Estimated

+ 1958-1972 period.

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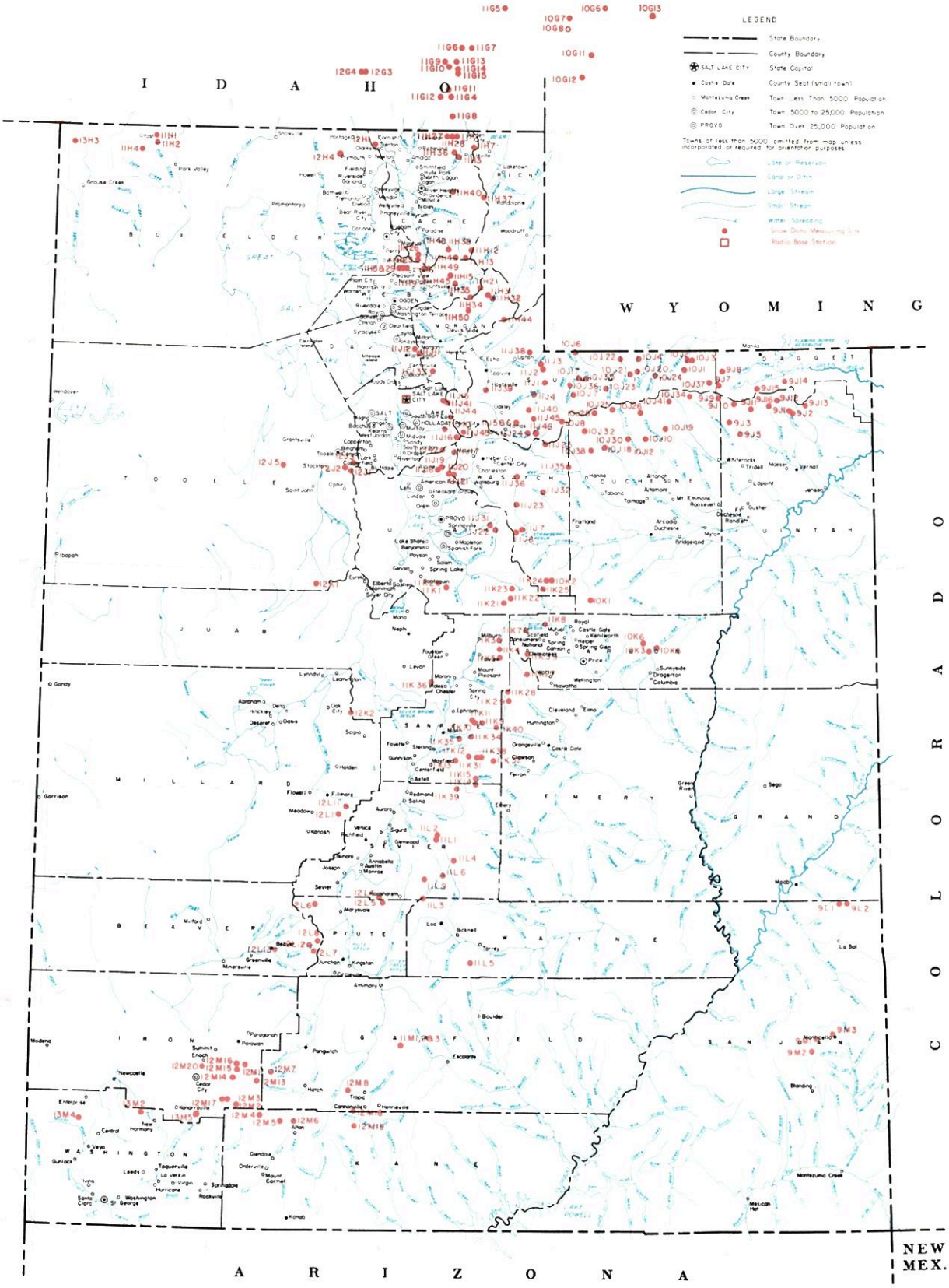


SNOW COURSES AND RELATED DATA MEASURING SITES

UTAH

1978

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

20 0 20 40

SCALE 1:1,500,000

ALBERS EQUAL AREA PROJECTION

USDA-SCS-PORTLAND, OR 1978 M7-OL-22027

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	15	1N	9E	10,000
10J7PST	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	9,050
11H12PST	U	Monte Cristo R.S.	4	8N	4E	8,960
10G6	W	Poison Meadows x	29	30N	116W	8,500
10G8P	W	Salt River Summit x	32	29N	118W	7,900
10G13MP	W	Snyder Basin x	15	29N	115W	8,400
10J17P	U	Stillwater Camp	32	2N	10E	8,550
		LOWER BEAR RIVER (below Harer, Idaho)				
11H37pST	U	Bug Lake	18	11N	5E	7,950
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
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
11G8MPST	I	Franklin Basin	1	16S	41E	8,000
11H7MP	U	Garden City Summit	34 & 35	14N	4E	7,600
11H40p	U	Herd Hollow	3	11N	3E	7,200
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)	16	8N	1E	6,000
11H25PST	U	Little Bear (upper)	22	8N	1E	6,550
12G3	I	Oxford Mountain	32	13S	37E	6,800
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
11H36PST	U	Tony Grove Lake	5	13N	3E	8,400
11H3MP	U	Tony Grove Ranger Station	11	13N	3E	6,250
11G4P	I	Willow Flat	2	15S	41E	6,100
		RAFT RIVER				
13H2a	U	Clear Creek Meadows	26	14N	14W	9,050
13H4PS	U	George Peak	4	13N	14W	9,000
13H1	U	One Mile Summit	17	14N	14W	7,330
13H3a	U	ViPont	17	14N	17W	7,670
		OGDEN RIVER				
11H14M	U	Beaver Creek-Skunk Creek	22	8N	3E	7,150
11H8PST	U	Ben Lomond Peak	3	7N	1W	8,000
11H9PST	U	Ben Lomond (lower)	1	7N	1W	5,680
11H35p	U	Causey Dam	34	7N	3E	5,500
11H29	U	Cutler Creek	3	7N	1W	6,780
11H13MPST	U	Dry Bread Pond	19	8N	4E	8,350
11H34p	U	Guilder's Peak	21	6N	4E	8,050
11H45p	U	Middle Fork Ogden	16	7N	2E	8,420
11H49	U	Powder Mountain Hideaway	6	7N	2E	8,250
11H4B	U	Powder Mountain Sundown	1	7N	1E	8,400
11H15P	U	Sagebrush Flat	21	7N	3E	6,300
		WEBER RIVER				
11J24	U	Beaver Creek R.S.	28	2S	7E	7,500
11J1PST	U	Chalk Creek #1	4	1N	8E	9,100
11J2MPST	U	Chalk Creek #2	29	2N	8E	8,200
11J3MP	U	Chalk Creek #3	7	2N	8E	7,500
11J45a	U	East Shingle Lake	6	2S	8E	9,750
11J12P	U	Farmington Canyon (lower)	15	3N	1E	6,950
11J11PST	U	Farmington Canyon (upper)	23	3N	1E	8,000
11H44p	U	Francis Canyon	29	5N	6E	7,400
11J37p	U	Hardscrabble	22	2N	2E	6,700
11H21PST	U	Horse Ridge	25	7N	4E	8,260
11H31	U	Kilfoil Creek	20	6N	5E	7,300
11H32P	U	Lost Creek	27	6N	5E	7,300
11J43	U	Park City Summit	30	2S	4E	9,300
11J15PST	U	Parley's Canyon Summit	5	1S	3E	7,500
11H50	U	Pine Canyon	6	5N	4E	8,000
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	9	1N	6E	8,300
11J40p	U	Shingle Mill Flat	22	1S	7E	9,040
11J4PST	U	Smith & Morehouse	25	1N	7E	7,600
		PROVO RIVER & UTAH LAKE				
11J46PST	U	Beaver Creek Divide	25	2S	7E	8,280
11J20	U	Camp Altamont	29	4S	3E	7,300
11K21PST	U	Clear Creek Ridge #1	18	11S	6E	9,200
11K22PST	U	Clear Creek Ridge #2	9	11S	6E	8,000
11K23	U	Clear Creek Ridge #3	27	10S	6E	6,600
11J17P	U	Dutchman R.S.	27	3S	3E	7,560
11J22P	U	Hobble Creek Summit	27	7S	5E	7,420
11J36P	U	Lake Creek	36	4S	6E	9,000
11J31	U	Packard Canyon	21	7S	5E	6,400
11K1P	U	Payson R.S.	30	10S	3E	8,050
11K2	U	[illegible] Bridge	14	10S	2E	6,750
		PROVO RIVER & UTAH LAKE (continued)				
11J25P	U	Soapstone R.S.	9	3S	8E	7,800
11J19	U	South Fork R.S.	24	4S	2E	6,100
11J18	U	Timpanogos Cave Camp	27	4S	2E	5,500
11J21PST	U	Timpanogos Divide	33	4S	3E	8,140
10J8PST	U	Trial Lake	5	2S	9E	9,960
		JORDAN RIVER & GREAT SALT LAKE				
12J2	U	Bevan's Cabin	24	4S	4W	6,450
12J5P	U	Deseret Peak	15	4S	7W	9,250
11J41P	U	Lamb's Canyon #2	21	1S	3E	7,500
12J3P	U	Middle Canyon	8	4S	3W	7,000
11J44	U	Mill Creek	25	1S	2E	6,950
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	9,700
12K1PST	U	Vernon Creek	21	10S	5W	7,500
		UPPER SEVIER RIVER (South of Richfield, Utah)				
12L4PST	U	Box Creek	33	26S	2W	9,300
12M8	U	Bryce Canyon	36	36S	4W	8,000
12M13PST	U	Castle Valley	23	36S	8W	9,580
12M4P	U	Duck Creek R.S.	11	38S	8W	8,700
12M18	U	Farview	32	37S	4W	8,200
12M5PST	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
12M2MPST	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
		LOWER SEVIER RIVER (Including San Pitch River)				
11K13P	U	Beaver Dam	22	19S	3E	8,000
11L1PST	U	Farnsworth Lake	34	23S	2E	9,600
11K11P	U	G.B.R.C. Headquarters	21	17S	4E	8,700
11K10P	U	G.B.R.C. Meadows	27	17S	4E	10,000
11L2PST	U	Gooseberry R.S.	21	23S	2E	8,000
11K3MPST	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
12K2P	U	Oak Creek	9	17S	3W	7,760
11K39PST	U	Pickle Keg Springs	4	21S	3E	9,000
12L1PS	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	19	18S	3E	8,760
		BEAVER RIVER				
12L13	U	Beaver Race Track	23	29S	7W	6,020
12L7PST	U	Big Flat	7	29S	4W	10,290
12L12PST	U	Merchant's Valley (upper)	8	29S	5W	8,750
12L8	U	Otter Lake	12	29S	5W	9,600
		PAROWAN CREEK				
12M16	U	Birch Crossing	23	35S	9W	8,100
12M14	U	Brian Head	10	36S	9W	10,000
12M15P	U	Tall Poles	26 & 35	35S	9W	8,800
12M11P	U	Yankee Reservoir	20	35S	8W	8,700
		ENTERPRISE TO NEW HARMONY DRAINAGES				
13M4MP	U	Little Grassy Creek	14	38S	18W	6,100
13M2MPST	U	Long Flat	2	38S	14W	8,000
		COAL CREEK				
12M20	U	Cedar City Golf Course	11	36S	11W	5,800
12M17	U	SUSC Ranch	18	37S	9W	8,200

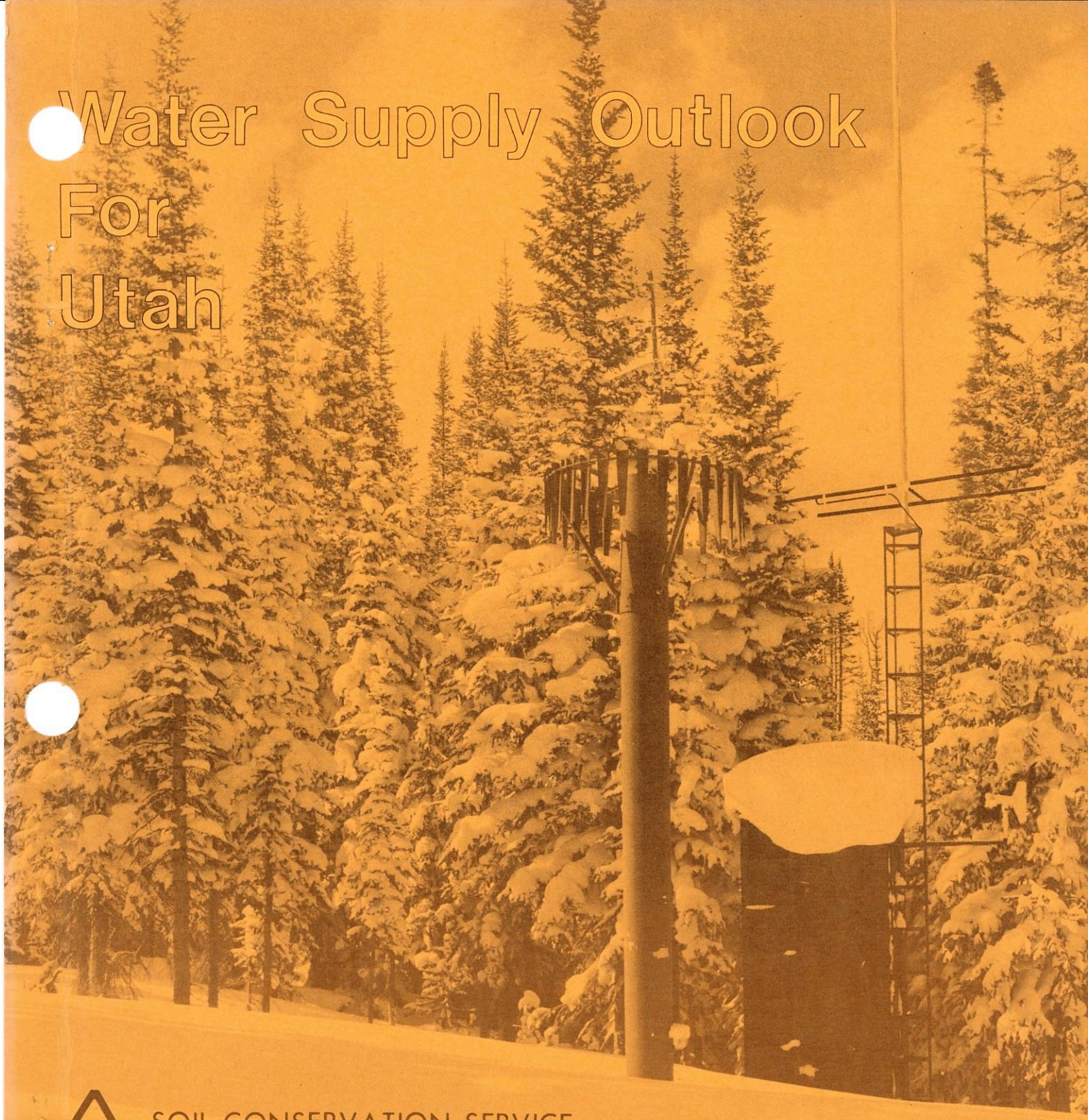
COLORADO RIVER DRAINAGE

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	2	1N	11E	9,700
9J14P	U	Burnt Creek	4	1N	20E	7,900
9J13P	U	Grizzly Ridge	8	1S	22E	8,500
10J24ap	U	Henry's Fork	29	2N	14E	10,000
10J4P	U	Hewinta G.S.	33	3N	13E	9,500
9J8P	U	Hickerson Park	13	2N	17E	9,100
9J15p	U	Highline Trail	24	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 & [illegible]	1S	21E	8,640
		UPPER GREEN RIVER IN UTAH (above Duchesne River) (continued)				
9J1PST	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	8,650
9J10aP	U	Reynolds Park	9	1S	18E	10,400
9J7P	U	Spirit Lake	10	1N	17E	10,300
10J20PST	U	Steel Creek Park	17	2N	13E	10,100
9J16PST	U	Trout Creek	9	1S	20E	9,400
9J12ap	U	Windy Park	2	1S	20E	9,400
		DUCHESNE RIVER				
10J41ap	U	Atwood Lake	13	4N	4W	10,840
10J30PST	U	Brown Duck Ridge	8	2N	6W	10,600
9J9ap	U	Chepeta-Whiterocks Lakes	3	4N	1W	10,350
11J32MPST	U	Currant Creek	26	1S	11W	8,000
11J23MPST	U	Daniels-Strawberry Summit	20	2S	12W	8,000
11J7P	U	East Portal	36	7S	6E	7,560
10J26ap	U	Five Point Lake	28	4N	5W	11,000
10K1PST	U	Indian Canyon	2	11S	10E	9,100
10J19P	U	Jackson Park	25	3N	4W	10,600
10J34p	U	Kidney Lake	28	5N	3W	11,000
10J25ap	U	Lakefork Basin	13	4N	7W	11,100
10J10PST	U	Lakefork Mountain	2 & 3	2N	5W	10,200
10J12	U	Lakefork Mountain #3	20	2N	4W	8,400
10J29ap	U	Lightning Lake	23	4N	8W	10,500
9J5PST	U	Mosby Mountain	33	3N	1E	9,500
9J3P	U	Paradise Park	7	3N	1E	10,100
10J18P	U	Rock Creek	21	2N	7W	7,900
10J32p	U	Shadow Lake	29	3N	8W	10,150
11J8PST	U	Strawberry Divide	2	4S	12W	8,400
11J35P	U	West Fork of the Duchesne	22	1N	11W	9,480
		PRICE RIVER				
10K5M	U	Corral	32	13S	14E	8,200
11K8	U	Dry Valley Divide	14	11S	7E	7,900
10K3M	U	Grassy Trail Creek-Left Fork	1	14S	13E	7,970
11K7	U	Jones Ranch	32	12S	7E	7,600
11K33MP	U	Mud Creek	4	14S	7E	8,600
10K6	U	Timberline	23	13S	13E	9,100
10K2MPST	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				
11K31PST	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
11K40P	U	Orange Olsen	31	17S	6E	7,200
11K28PST	U	Red Pine Ridge	5	16S	6E	9,200
11K38	U	Rush Pond	24	19S	4E	9,800
11K9PST	U	Seeley Creek	25	17S	4E	10,000
11K27P	U	Stuart R.S.	8	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
11K15PST	U	Dill's Camp	27	20S	4E	9,200
		FREMONT RIVER				
11L4P	U	Black's Flat-U.M. Creek	33	24S	3E	9,400
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	9,850
9M3	U	Monticello Park	25	33S	23E	7,050
		ESCALANTE RIVER				
11M1	U	Widtsoe-Escalante Summit	22	34S	1W	9,500
11M2PST	U	Widtsoe-Escalante #2	22	34S	1W	9,500
11M3PST	U	Widtsoe-Escalante #3	22	34S	1W	9,500
		VIRGIN RIVER				
13M5PST	U	Kolob-Crystal	2	38S	11W	9,250
12M6	U	Long Valley Junction	22	38S	6W	7,500
12M3MPST	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
10J7a	Aerial Marker Only
10J7p	Storage Precipitation Gage Only
10J7PS	Snow Course, Precipitation Gage, Snow Pillow and Temperature
10J7PST	Snotel Data Site

Water Supply Outlook For Utah



SOIL CONSERVATION SERVICE
U.S. DEPARTMENT OF AGRICULTURE

Cooperating with

UTAH STATE DEPARTMENT of NATURAL RESOURSES
-- DIVISION of WATER RIGHTS

AS OF
MAR. 1, 1979

WATER SUPPLY OUTLOOK FOR UTAH

and

FEDERAL - STATE - PRIVATE COOPERATIVE SNOW SURVEYS

Issued by

R. M. DAVIS

ADMINISTRATOR
SOIL CONSERVATION SERVICE
WASHINGTON, D.C.

Released by

GEORGE D. McMILLAN

STATE CONSERVATIONIST
SOIL CONSERVATION SERVICE
SALT LAKE CITY, UTAH

In Cooperation with

UTAH STATE DEPT. OF NATURAL RESOURCES

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Division of Water Rights

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SOIL CONSERVATION SERVICE
SNOW SURVEY SECTION
4012 FEDERAL BUILDING
SALT LAKE CITY, UTAH 84138

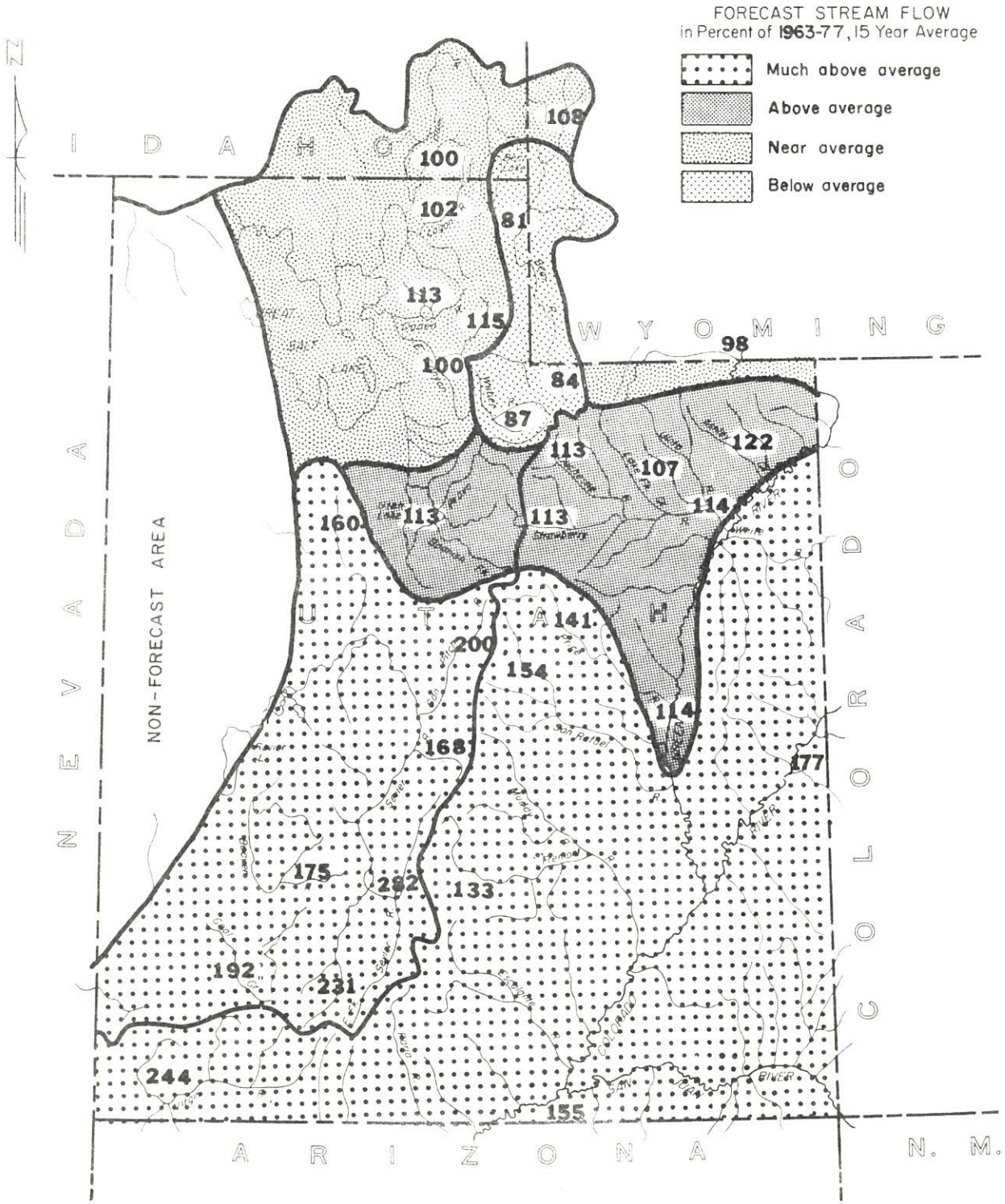
USDA-SCS-PORTLAND, OR. 1979 M7-L-22027B

PROSPECTIVE WATER SUPPLIES

Based on Snow Surveys Made on UTAH and BEAR RIVER WATERSHEDS

MARCH 1, 1979

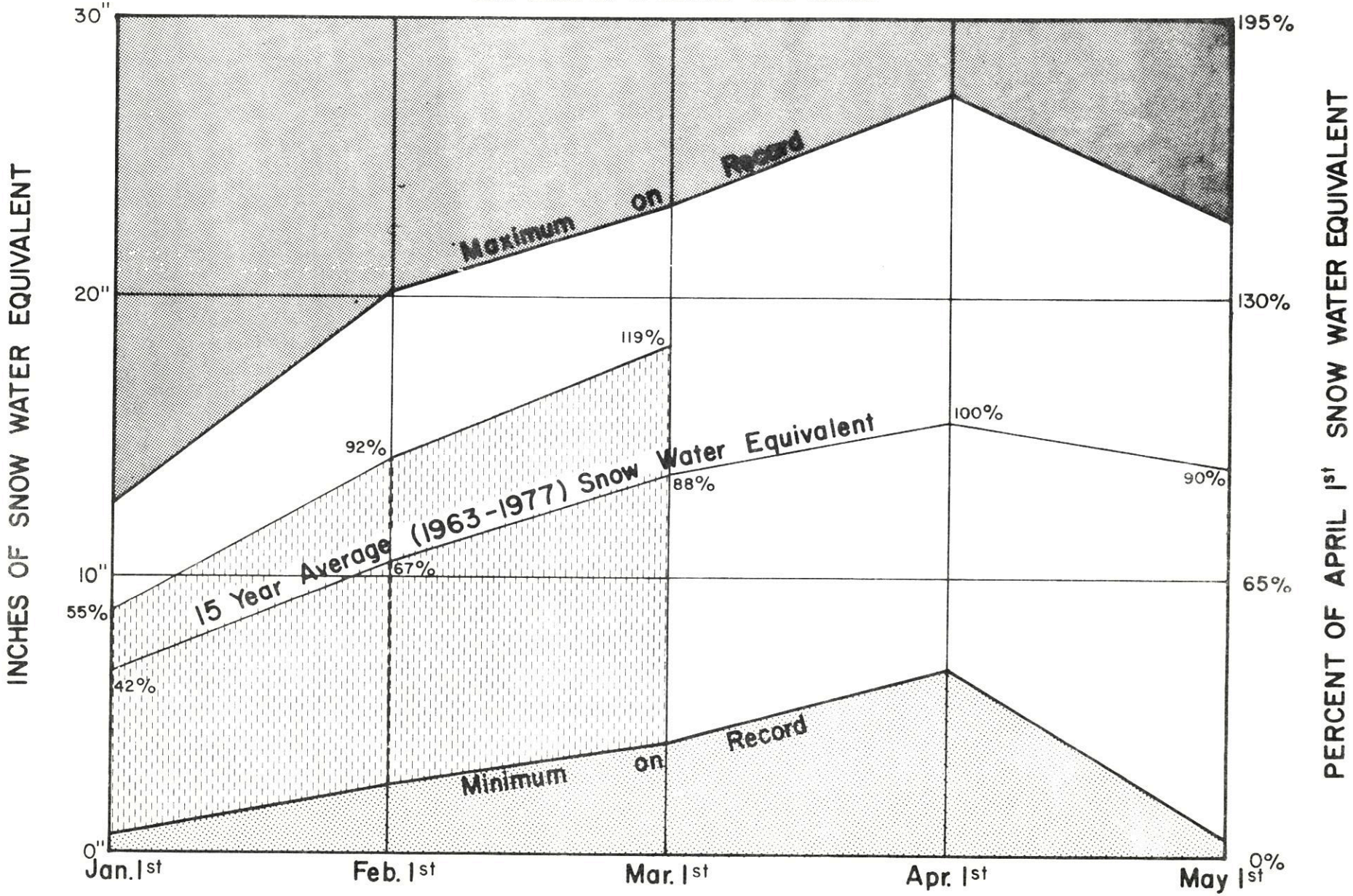
Approximate Date



7-0-16150-L

UTAH'S WINTER SNOWPACK

Data based on 51 selected snow courses



1979 wpack

Soil Conservation Service, Salt Lake City, Utah

WATER SUPPLY OUTLOOK

as of
March 1, 1979

* *
* Utah's 1979 water supply outlook ranges from near *
* average in northern Utah to better than double *
* average in southern Utah. Snow cover also varies *
* from near average to over twice average. Reservoir *
* storage is 102% of the March 1 average and stream- *
* flow forecasts range from 81% of average on the Bear *
* at Randolph to 303% for Minersville Reservoir Inflow *
* on the Beaver River. *
* *

SNOW COVER

Snow cover ranges from 103% of average in the northeastern part of the state to 308% in the southwest corner. Most basins improved during the month with the Weber now 119%, Ogden 130%, Provo 126%, Duchesne 143%, San Rafael 121%, Lower Sevier 127%, Upper Sevier 223%, Beaver 200%, and the Virgin River 217%.

PRECIPITATION

February precipitation at mountain stations ranged from near average in northern Utah to better than twice average in southern Utah.

SOIL MOISTURE

Watershed soil moisture ranges from near average in northern Utah to above average in the southern part of the state.

RESERVOIR STORAGE

Storage in 25 of Utah's key reservoirs averages 102% of the March 1 average and 127% of last March 1. Most reservoirs are above average except on the Sevier River and those in Uintah Basin.

STREAMFLOW FORECASTS

Streamflow forecasts range from 15 to 20% below average on the Bear and Weber Rivers to three times average for Minersville Inflow on the lower Beaver River.

Bear River forecasts range from 84% at stateline to 108% on Smith's Fork. Logan and Blacksmith's Fork are 102%.

Pineview Inflow is forecast 113%, Weber at Oakley 87%, Chalk Creek 82%, East Canyon 100% and Lost Creek 115% of the April-June average.

WATER SUPPLY OUTLOOK (continued)

Provo River is forecast 117% at Deer Creek Reservoir, Spanish Fork 115% and Utah Lake Inflow 113%. Jordan River tributaries are forecast from 92% of average on Immigration Creek to 111% on Mill Creek.

Uintah Basin streams are forecast from 101% on Yellowstone and Uintah Rivers to 115% on Currant Creek.

San Rafael tributaries are forecast 118% on Cottonwood and Ferron Creeks and 154% on Huntington Creek. Price River is forecast 141% of average.

Forecasts on the Sevier River range from 282% on the East Fork to 164% at Gunnison.

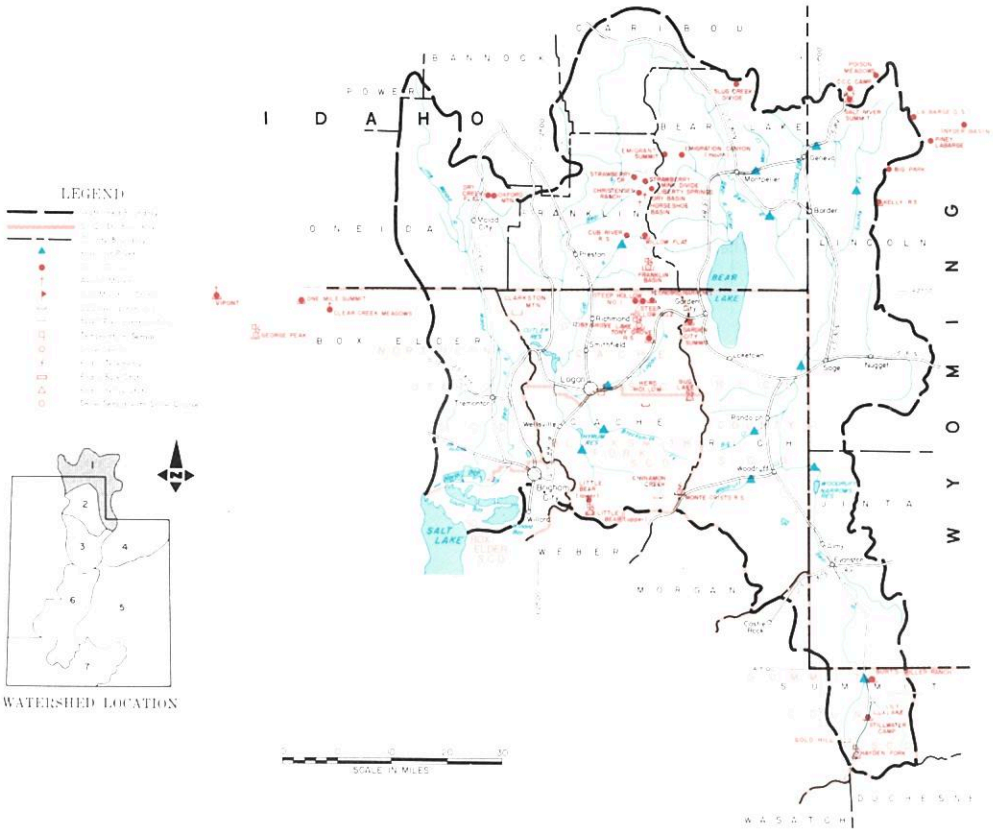
Beaver River is forecast 175% at Beaver and 303% for Inflow to Minersville Reservoir.

Ephraim Creek is forecast 200% of average and Pleasant Creek 150%. Salina Creek is forecast 168% of average, Chalk Creek 116%, Chicken Creek 123%, and Oak Creek 179%.

Southern Utah has the potential for much above average peak flows this spring. Precautions should be taken to protect property near streams in the area. Timing and actual height of peaks will be determined by temperature and precipitation during the snow melt period.

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



MARCH 1, 1979

THE WATER SUPPLY OUTLOOK IS NEAR AVERAGE

SNOW COVER is still 105% of average on the Upper Bear and 116% on the Lower Bear. Logan River is 110% and Raft River 109% of the March 1 average.

PRECIPITATION at mountain stations ranged from 90% of the February average at Garden City Summit to 127% at Willow Flat.

SOIL MOISTURE is generally below average.

RESERVOIR STORAGE is near average in all reservoirs.

STREAMFLOW FORECASTS range from 84% of the April-July average on the Upper Bear at the Utah-Wyoming Line to 110% for Big Creek. Bear near Woodruff is forecast 84%, Woodruff Creek 95%, Bear near Randolph 81%, Thomas Fork 109%, Smiths Fork 104%, and Bear at Harer 92%. Logan River and Blacksmith are forecast 102% of average and Little Bear 105%. Cub River near Preston is forecast 100%. Peak flow are forecast in the near average range this year assuming normal precipitation and temperatures during the runoff period.

M7-OL-22027-1

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 2	PAST RECORD THOUSAND ACRE FEET Average +
BEAR RIVER					
Bear nr UT-Wyo. State Line	96	84	Apr-July	115	114
Bear nr Woodruff	125	84	Apr-July	125	148
Woodruff Crk nr Woodruff, UT	17.4	95	Apr-July	15.5	18.4 b
Big Creek nr Randolph, Utah	5.5	110	Apr-July	--	5.0 b
Bear nr Randolph	97	81	Apr-July	51	120
Thomas Fork nr UT-Wy State Ln	38	109	Apr-Sept	54	35
Smith's Fork nr Border, Wyo.	125	104	Apr-Sept	159	120
Bear at Harer, Idaho 1/	305	92	Apr-Sept	278	332
Logan nr Logan 1/	120	102	Apr-July	136	118
Blacksmith Fork nr Hyrum	55	102	Apr-July	50	54
Little Bear nr Paradise	40	105	Apr-June	25	38
Cub River nr Preston, ID	50	100	Apr-Sept	64	52

1 - Observed flow corrected for change in storage and diversions
2 - Provisional flows - Subject to correction
b - Average of all past record less than 15 years

SUMMARY of SNOW MEASUREMENTS (COMPARISON WITH PREVIOUS YEARS)

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
BEAR RIVER	32	84	114
UPPER BEAR RIVER	8	74	105
LOWER BEAR RIVER	24	87	116
LOGAN RIVER	7	85	110
UPPER RAFT RIVER	3	103	109

RESERVOIR STORAGE (Thousand Acre Feet)

BASIN OR STREAM	RESERVOIR	Usable Capacity	USEABLE STORAGE This Year	USEABLE STORAGE Last Year	USEABLE STORAGE Average +
BEAR RIVER	Bear Lake	1421.0	1025.1	785.5	1030.6
	Woodruff Narrows	26.5	17.6	4.0	20.5
LITTLE BEAR	Hyrum	15.3	10.2	10.2	10.9
	Porcupine	11.3	4.3	3.5	3.6

+ - 1963-77 15 year Average Period

PEAK FLOWS

FORECAST POINT	PEAK FLOW (SECOND FEET) (a) Forecast Range	PEAK FLOW (SECOND FEET) (a) Average +
Big Creek nr Randolph	50-90	--
Logan River nr Logan	900-1200	1016
Woodruff Creek nr Woodruff	200-400	267
Little Bear nr Paradise	485-625	517

(a) - Maximum mean daily peak flow

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WATER SUPPLY OUTLOOK

WEBER-OGDEN WATERSHEDS in UTAH

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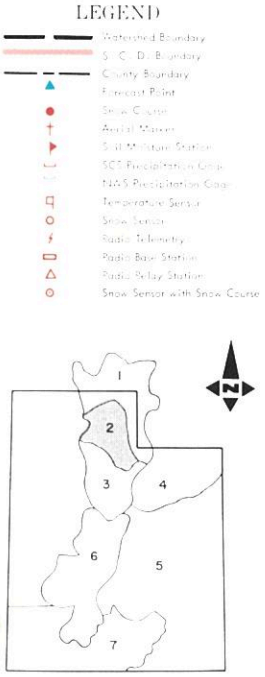
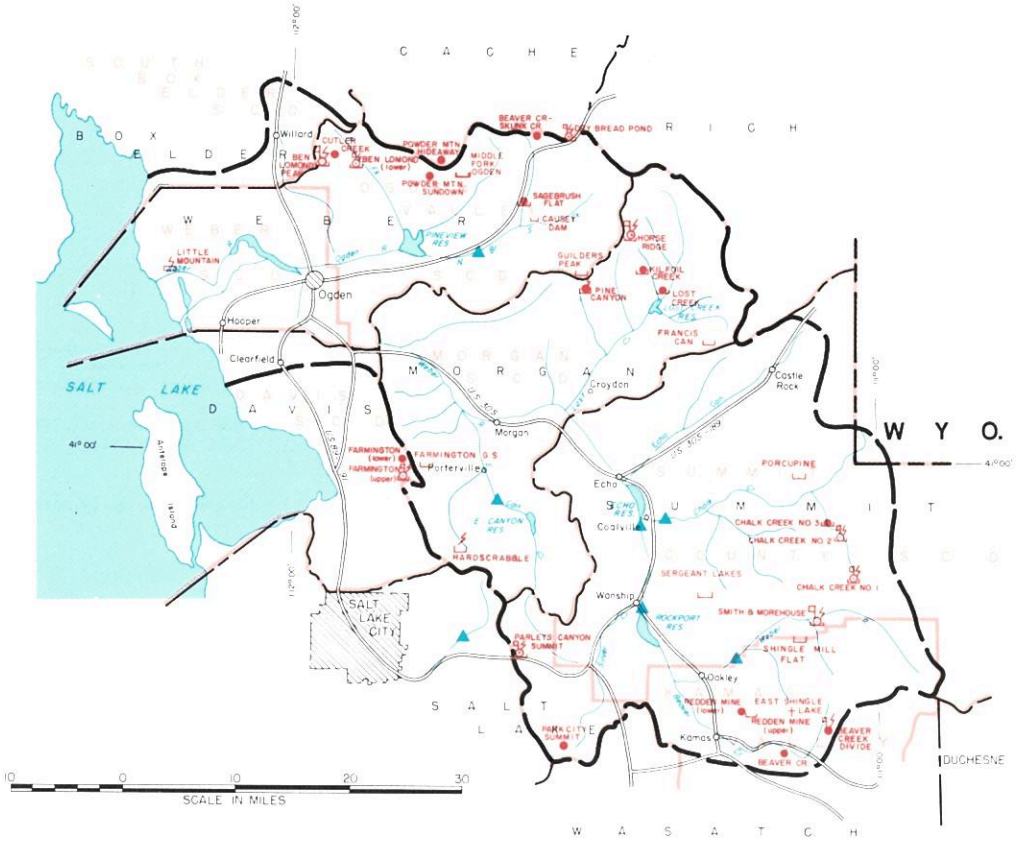
UTAH STATE DEPARTMENT OF NATURAL RESOURCES-DIVISION OF WATER RIGHTS





MARCH 1, 1979

THE WATER SUPPLY OUTLOOK IS NEAR AVERAGE

SNOW COVER improved 6 to 15% during February and now ranges from 119% of the March 1 average on the Weber to 130% on the Ogden.

PRECIPITATION at mountain stations varied from 84% of the February average at Sagebrush Flat to 151% at Ben Lomond Trail on the Ogden and from 99% at Chalk Creek #3 to 133% at Parleys Summit.

SOIL MOISTURE is below average on the Weber and near average on the Ogden.

RESERVOIR STORAGE is above average except in Rockport and Pineview, but all reservoirs are expected to fill this season if the remainder of the spring produces near normal precipitation.

STREAMFLOW FORECASTS range from 82% of the April-June average for Chalk Creek to 113% for the Inflow to Pineview. The Weber is forecast 87% at Oakley, 89% for Rockport Inflow, 85% at Coalville, and 92% at Gateway. Lost Creek is forecast 115%, East Canyon 100%, and Hardscrabble 112%. The South Fork Ogden is forecast 107% and Farmington Creek 111%.

M7-OL-22027-2

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 3	PAST RECORD THOUSAND ACRE FEET Average 4
WEBER-OGDEN RIVERS					
Weber nr Oakley	90	87	Apr-June	121	104
Rockport Reservoir Inflow[1]	100	89	Apr-June	--	112
Chalk Creek at Coalville	32	82	Apr-June	37	39
Weber nr Coalville	105	85	Apr-June	--	123
Lost Creek nr Croydon, Utah	20	115	Apr-June	--	17.4[b]
East Canyon Creek nr Morgan[1]	26	100	Apr-June	--	26
Hardscrabble Crk nr Porterville	21	112	Apr-June	--	18.8
South Fork Ogden nr Huntsville	61	107	Apr-June	62	57
Pineview Reservoir Inflow[2]	130	113	Apr-June	136	115
Weber at Gateway	266	92	Apr-June	--	308
JORDAN RIVER & SALT LAKE					
Farmington Crk nr Farmington	9.0	111	Apr-July	--	8.1[b]

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

SUMMARY of SNOW MEASUREMENTS (COMPARISON WITH PREVIOUS YEARS)

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	4	97	130
WEBER RIVER	11	103	119

RESERVOIR STORAGE (Thousand Acre Feet)

BASIN OR STREAM	RESERVOIR	Usable Capacity	USEABLE STORAGE This Year	USEABLE STORAGE Last Year	USEABLE STORAGE Average+
OGDEN	Causey	6.9	1.7	3.9	2.0[b]
	Pineview	110.1	48.0	38.2	49.9
WEBER	East Canyon	48.1	38.2	21.1	28.3
	Echo	73.9	66.1	45.1	51.7
	Lost Creek	20.0	15.0	10.1	13.2[b]
	Rockport	60.9	27.9	26.6	32.8
	Willard Bay	193.3	163.8	127.1	135.1

+ - 1963-77 15 Year Average Period

PEAK FLOWS

FORECAST POINT	PEAK FLOW (SECOND FEET) Forecast Range	PEAK FLOW (SECOND FEET) Average (a) 4
South Fork Ogden nr Huntsville	600-850	772
Chalk Creek nr Coalville	350-650	--

(a) - Maximum mean daily peak flow

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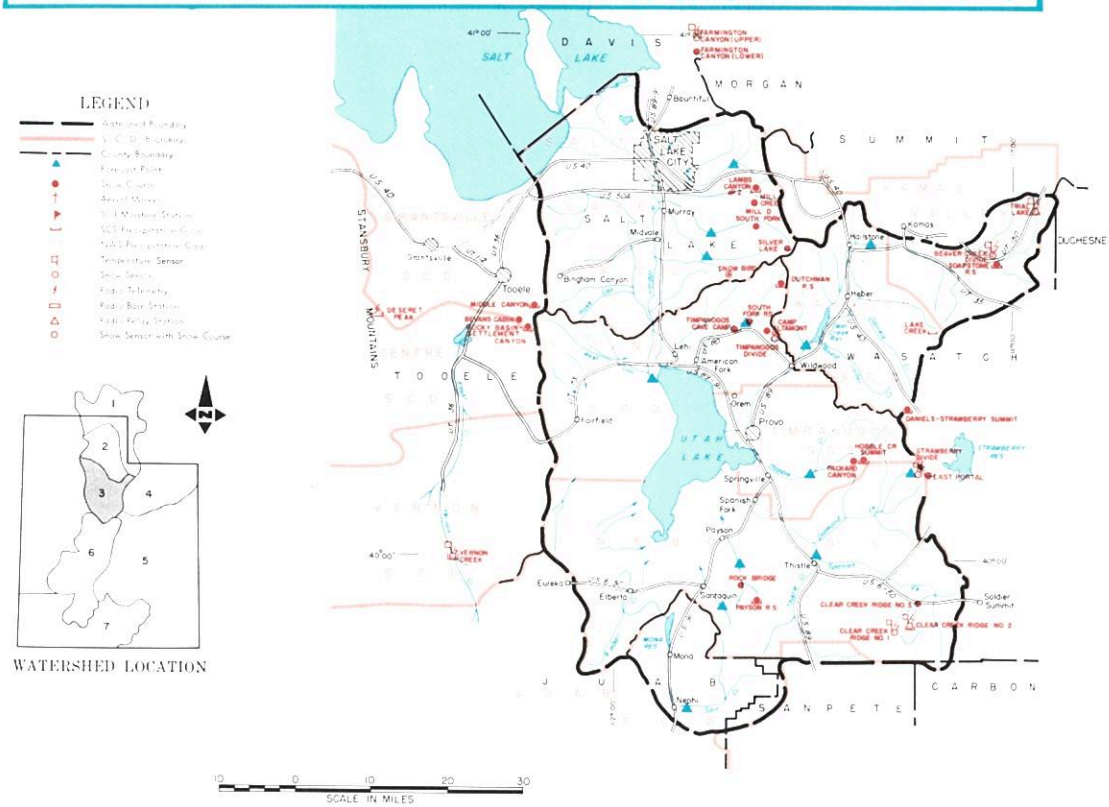
WATER SUPPLY OUTLOOK
UTAH LAKE, JORDAN RIVER and TOOELE VALLEY WATERSHEDS in UTAH

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



MARCH 1, 1979

THE WATER SUPPLY OUTLOOK IS AVERAGE

SNOW COVER ranges from 119% along the Wasatch Front to 129% in the Tooele Valley. The Utah Lake drainage is at 126% of the March 1, 15 year average. Low elevation snows are heavy this month, with Timpanogos Cave Camp reporting at 217% and Clear Creek #3 at 178%.

PRECIPITATION at mountain stations ranged from 85% at Soapstone R.S. to 136% of an average February catch at Timpanogos Divide. Mt. Dell Dam reported 98% of normal. October-February accumulated amounts are near average throughout the area.

SOIL MOISTURE is near average at this time.

RESERVOIR STORAGE is above average except at Deer Creek which contains 82,800 acre feet, for 78% of an average March 1. Utah Lake is reported at 117%.

STREAMFLOW FORECASTS vary from 92% of the April-July period at Emigration Creek to 160% for Vernon Creek near Vernon. Other forecasts are: Provo near Hailstone 108%, American Fork 114%, Spanish Fork 115%, and Utah Lake 113% of average. Big Cottonwood Creek near Salt Lake City is forecast at 108%.

M7-OL-22027-3
USDA-SCS-PORTLAND, OR-1979

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 2	PAST RECORD THOUSAND ACRE FEET Average +
PROVO RIVER AND UTAH LAKE					
Provo nr Hailstone 1	110	108	Apr-July	--	109
Provo below Deer Creek Dam 1	140	117	Apr-July	--	122
American Fork nr American Fork	35	114	Apr-July	37	31
Hobble Creek or Springville 1	25	127	Apr-July	--	19.7 b
Strawberry Reservoir Inflow 1	59	113	Apr-July	67	52
Spanish Fork at Thistle	45	115	Apr-July	--	39 b
Payson Creek nr Payson	7.0	111	Apr-July	--	63
Utah Lake Inflow	275	113	Apr-July	--	244
JORDAN RIVER & SALT LAKE					
Little Cottonwood Crk nr SLC	39	103	Apr-July	--	38
Big Cottonwood nr SLC	41	108	Apr-July	42	38
Parley's Creek nr SLC	15	97	Apr-July	--	15.4
Mill Creek nr SLC	7.0	111	Apr-July	--	8.8
Emigration Creek nr SLC	4.5	92	Apr-July	--	4.9
City Creek nr SLC	10.5	98	Apr-July	--	10.7
TOOELE VALLEY					
Vernon Creek nr Vernon	1.6	160	Mar-July	--	1.0
Settlement Crk nr Tooele	Issued on 4/1		Apr-July	--	--

SUMMARY of SNOW MEASUREMENTS (COMPARISON WITH PREVIOUS YEARS)

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	96	126
JORDAN RIVER & SALT LAKE	4	101	119
TOOELE VALLEY	2	109	129

1 - Observed flow corrected for change in storage and diversions
2 - Provisional flows - Subject to correction
+ - 1963-77 15 year average period
b - Less than 15 years in average period

RESERVOIR STORAGE (Thousand Acre Feet)

BASIN OR STREAM	RESERVOIR	Usable Capacity	USEABLE STORAGE This Year	USEABLE STORAGE Last Year	USEABLE STORAGE Average+
SPANISH FORK	Strawberry	270.0	164.3	143.8	153.7
UTAH LAKE	Utah Lake	883.9	844.2	675.8	719.8
	Settlement Creek	1.2	0.7	0.4	--
	Vernon Creek	0.6	0.6	0.4	--
PROVO	Deer Creek	149.7	82.8	71.6	106.6

PEAK FLOWS

FORECAST POINT	PEAK FLOW (SECOND FEET) (a) Forecast Range	PEAK FLOW (SECOND FEET) (a) Average +
Hobble Creek nr Springville	150-250	260 b
Spanish Fork nr Thistle	450-650	482 b
Big Cottonwood nr Salt Lake City	375-475	--

(a) - Maximum mean daily peak flow

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WATER SUPPLY OUTLOOK

UINTAH BASIN and DAGGETT SCD's in UTAH

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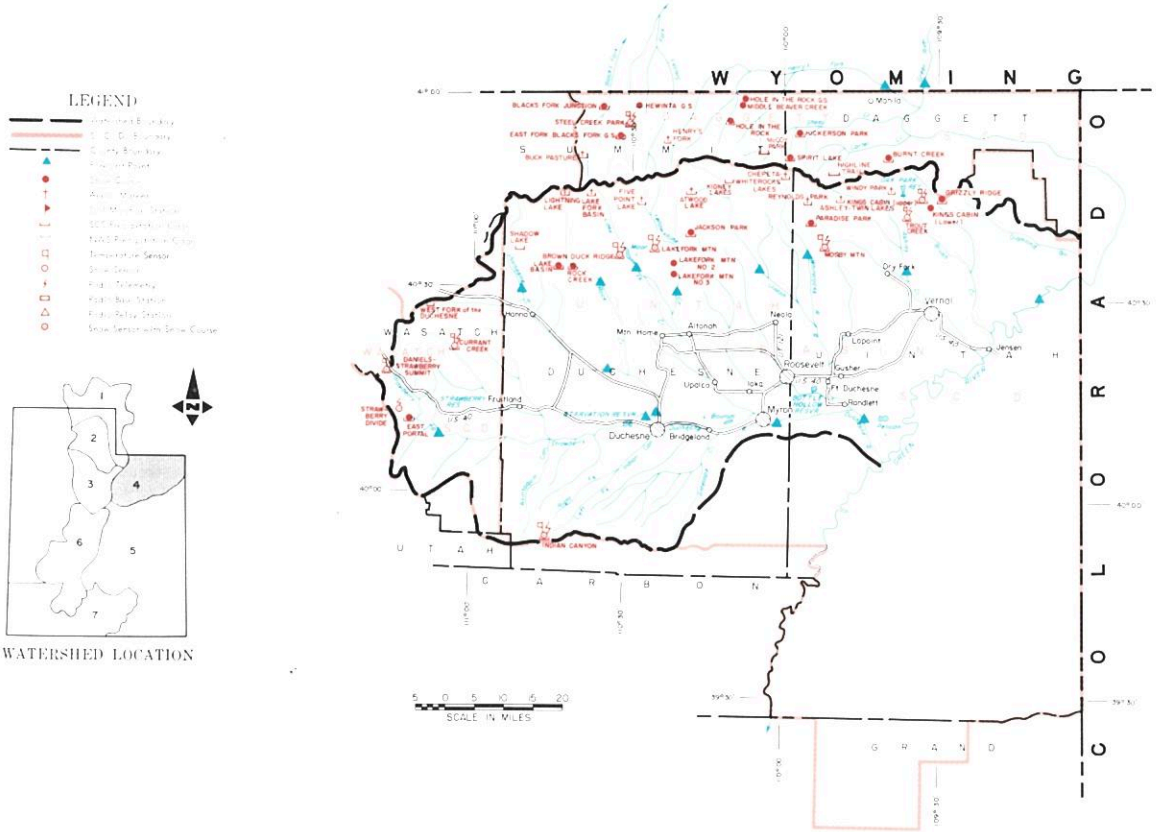
UTAH STATE DEPARTMENT OF NATURAL RESOURCES - DIVISION OF WATER RIGHTS



MARCH 1, 1979

THE WATER SUPPLY OUTLOOK IS NEAR AVERAGE

SNOW COVER ranges from 103% on Blacks Fork to 148% of the March 1 average on Strawberry River. Ashley Creek is 118%, Uintah-Whiterocks 145%, and Lakefork-Yellowstone 129%.

PRECIPITATION at mountain locations ranged from 102% of the February average at Daniels-Strawberry Summit to 160% at Mosby Mountain. Lakefork Mountain was 117% and Indian Canyon 103% of average.

SOIL MOISTURE is near average along the south slope of the Uintahs, but generally below average on the north slope.

RESERVOIR STORAGE is below average, with Steinaker at 56% (12,300 acre feet), and Moon Lake at only 38% of the March 1 average.

STREAMFLOW FORECASTS range from 98% of the April-July average on the Blacks Fork to 122% on Ashley Creek. Whiterocks is forecast 112%, Uintah 101%, Yellowstone 101%, Lakefork 107%, Rock Creek 113%, and Currant Creek 115%. The Duchesne is forecast 107% at Tabiona, 106% at Duchesne, 114% at Myton, and 105% at Randlett. Strawberry is forecast 119%, Ashley 122%, and Henrys Fork 100% of the April-July average.

M7-OL-22027-4
USDA-SCS-PORTLAND, OR 1978

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 2	PAST RECORD THOUSAND ACRE FEET Average +
DUCHESNE RIVER					
Duchesne nr Tabiona[1]	115	107	Apr-July	- -	107
Duchesne at Duchesne[1]	204	106	Apr-July	- -	193
Strawberry at Duchesne	68	119	Apr-July	- -	57
Rock Creek nr Mtn. Home	107	113	Apr-July	116	95
Currant Creek nr Fruitland	23	115	Apr-July	19.0	20
Lakefork below Moon Lake[1]	77	107	Apr-July	70	72
Yellowstone nr Altonah	68	101	Apr-July	- -	67
Duchesne at Myton[1]	240	114	Apr-July	134	210
Whiterocks nr Whiterock	67	112	Apr-July	49	60
Uintah nr Neola	90	101	Apr-July	72	89
Duchesne at Randlett[1]	280	105	Apr-July	- -	266
West Fork Duchesne at Hanna	28	108	Apr-July	- -	26
FLAMING GORGE TO DUCHESNE RIVER					
Henry's Fork at Linwood	54	100	Apr-Sept	- -	54
Black's Fork at Millburne	90	98	Apr-July	- -	92
Flaming Gorge Inflow[1]	1270	98	Apr-July	1180	1292
Ashley Creek nr Vernal	62	122	Apr-July	37	51

SUMMARY of SNOW MEASUREMENTS (COMPARISON WITH PREVIOUS YEARS)

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	112	143
LAKEFORK-YELLOWSTONE CREEKS	3	96	129
STRAWBERRY RIVER	5	110	148
UINTAH - WHITEROCKS RIVERS	2	123	145
ASHLEY CREEK	1	114	118
BLACK'S FORK	4	93	103

1 - Observed flow corrected for change in storage and diversions
2 - Provisional flows - Subject to correction

RESERVOIR STORAGE (Thousand Acre Feet)

BASIN OR STREAM	RESERVOIR	Usable Capacity	USEABLE STORAGE This Year	USEABLE STORAGE Last Year	USEABLE STORAGE Average +
ASHLEY CREEK	Steinaker	33.3	12.3	8.3	21.9
GREEN RIVER	Flaming Gorge	3749.0	2501.7	1987.1	- -
LAKE FORK	Moon Lake	35.8	7.0e	11.5	18.3
STRAWBERRY	Starvation	165.3	- -	127.6	130.0b
UINTAH	Bottle Hollow	11.3	9.5	10.1	9.9b

+ - 1963-77 15 Year Average Period
b - Less than 15 years in average period
e - estimated

PEAK FLOWS

FORECAST POINT	PEAK FLOW (SECOND FEET) (a) Forecast Range	PEAK FLOW (SECOND FEET) (a) Average +
Strawberry at Duchesne	750 - 1250	656
Ashley Creek nr Vernal	600 - 1400	1030

(a) - Maximum mean daily peak flow

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

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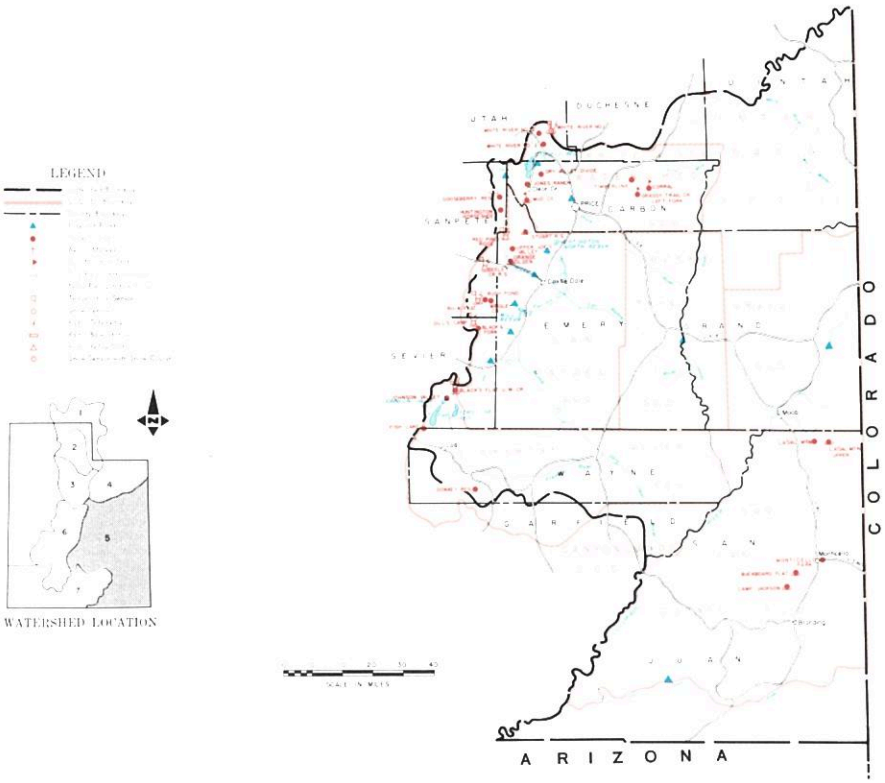
UTAH STATE DEPARTMENT OF NATURAL RESOURCES - DIVISION OF WATER RIGHTS



MARCH 1, 1979

THE WATER SUPPLY OUTLOOK IS ABOVE AVERAGE

SNOW COVER ranges from 116% of the March 1 average on Muddy River to 251% on the Blue Mountains near Monticello. The San Rafael is 121%, Price River 139%, Fremont 187% and LaSal Mountains 163% of average.

PRECIPITATION at mountain stations varied from 165% at Fish Lake to only 90% at Buck Flat during February. All other locations collected above average amounts, helping to keep the October-February accumulations from 108% to 147% of average.

SOIL MOISTURE is above average throughout the area.

RESERVOIR STORAGE is again above average this month with Scofield containing 41,000 acre feet for 115% of average. Joe's Valley has 103% of its average March 1 usable capacity.

STREAMFLOW FORECASTS range from 118% on Ferron Creek to 214% of the April-July average on the San Juan near Bluff. Scofield Inflow is forecast at 150%, Muddy Creek 119%, and Mill Creek near Moab 147%.

M7-OL-22027-5
USDA-SCS-PORTLAND, OR-1978

·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 2	PAST RECORD THOUSAND ACRE FEET Average +
PRICE RIVER					
Gooseberry Crk nr Scofield	15.0	149	Apr-July	--	10.1
Scofield Reservoir Inflow	54	150	Apr-July	--	36
Price nr Heiner[1]	90	141	Apr-July	--	64
SAN RAFAEL RIVER					
Huntington Crk nr Huntington	71	154	Apr-July	66	49[b]
Cottonwood Crk nr Orangeville	50	118	Apr-July	--	44[b]
Ferron Creek nr Ferron	40	118	Apr-July	--	34
MUDDY CREEK					
Muddy Creek nr Emery	20	119	Apr-July	--	16.8
UPPER COLORADO BASIN					
Colorado nr Cisco, Utah	4800	177	Apr-July	3884	2716
Green at Green River, Utah	3380	114	Apr-July	3560	2975
Mill Creek nr Moab	7.5	147	Apr-July	--	5.1[b]
Navajo Reservoir Inflow	1250	206	Apr-July	--	608
San Juan nr Bluff, Utah	1850	214	Apr-July	870	865
FREMONT RIVER					
Seven Mile Crk nr Fish Lake	8.5	133	Apr-July	--	6.4

SUMMARY of SNOW MEASUREMENTS (COMPARISON WITH PREVIOUS YEARS)

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	3	110	139
SAN RAFAEL RIVER	5	80	121
FREMONT RIVER	3	125	187
LASAL MOUNTAINS	2	108	163
BLUE MOUNTAINS	2	198	251
MUDDY RIVER	1	61	116

1 - Observed flow corrected for change in storage and diversions
2 - Provisional flows - Subject to correction

RESERVOIR STORAGE (Thousand Acre Feet)

BASIN OR STREAM	RESERVOIR	Usable Capacity	USEABLE STORAGE This Year	USEABLE STORAGE Last Year	USEABLE STORAGE Average+
PRICE RIVER	Scofield	65.8	41.0	17.3	35.8
SAN RAFAEL	Huntington North	3.9	1.6	2.7	3.0[b]
	Joe's Valley	54.6	38.0	34.1	36.9[b]
	Mill Site	16.7	5.9	1.2	--
SAN JUAN	Navajo	1696.0	1166.2	934.8	--

+ - 1963-77 15 Year Average Period
b - Average of all past record - less than 15 years

PEAK FLOWS

FORECAST POINT	PEAK FLOW (SECOND FEET) (a) Forecast Range	PEAK FLOW (SECOND FEET) (a) Average +
Ferron Creek near Ferron	450-600	422
Muddy Creek near Emery	150-250	154

(a) - Maximum mean daily peak flow

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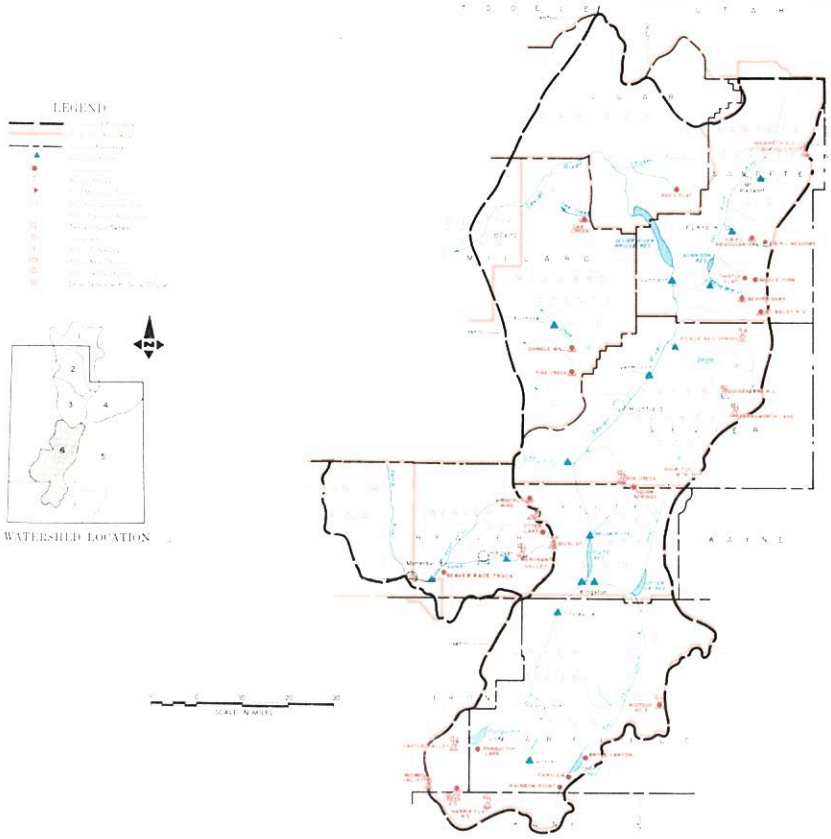
WATER SUPPLY OUTLOOK

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



MARCH 1, 1979

THE WATER SUPPLY OUTLOOK IS ABOVE AVERAGE

SNOW COVER ranges from 127% of average on the Lower Sevier to 222% on the East Fork. The South Fork is 184% and Beaver River 200% of the March 1 average.

PRECIPITATION at mountain stations ranged from 76% of average on Salina Creek during February to 264% on the East Fork Sevier.

SOIL MOISTURE is above average on the Upper Sevier and near average on the Lower Sevier.

RESERVOIR STORAGE in four Sevier River reservoirs is 64% of the March 1 average and 13% more than last year on March 1. All are expected to fill except Sevier Bridge. Minersville Reservoir is about average with 13,600 acre feet and should fill this spring.

STREAMFLOW FORECASTS range from 116% of average on Chalk Creek near Fillmore to 303% of average for Minersville Inflow. Sevier River is forecast 231% at Hatch, 252% at Circleville, 270% at Kingston, 282% on the East Fork and 164% at Gunnison. Chicken Creek is forecast 123% of average, Ephraim Creek 200%, and Pleasant Creek 150%. Beaver River is expected to produce 175% of its average and North Creeks 156% of the April-July average. Peak flows are expected to be much above average on the Upper Sevier and Beaver Rivers this year. Preparation should be made to protect property close to these streams.

USDA SCS-PORTLAND OR 1977 M7-OL-22027-6

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					
Sevier at Hatch	95	231	Apr-July	51	41
Sevier nr Circleville	73	252	Apr-July	--	29
Sevier nr Kingston	62	270	Apr-July	--	22
Antimony Crk nr Antimony	16.5	239	Apr-July	--	6.9
East Fork Sevier nr Kingston[1]	43	282	Apr-July	--	15.4
Sevier below Piute Dam	98	272	Apr-July	--	36
Clear Crk nr Sevier (abv Div)	34	180	Apr-July	25	17.8
Inflow					
Kingston to Vermillion Dam	110	196	Apr-June	--	56
Vermillion Dam to Gunnison	57	165	Mar-June	--	35
Salina Creek at Salina	18.7	168	Apr-June	12.8	11.1
Sevier nr Gunnison	82	164	Apr-July	35	50
Chalk Creek nr Fillmore	18.0	116	Apr-July	--	15.5[b]
Chicken Creek nr Levan	3.8	123	Apr-July	--	3.1
Oak Cr. nr Oak City	2.5	179	Apr-July	--	1.4
SAN PITCH RIVER					
Ephraim Creek nr Ephraim	29	200	Apr-July	--	14.5
Pleasant Crk nr Mt. Pleasant	12.9	150	Apr-July	--	8.6
BEAVER RIVER					
Beaver nr Beaver	35	175	Apr-July	37	20
North Creek (Combined)	19	156	Apr-July	--	12.2[b]
Minersville Reservoir Inflow[1]	20	303	Apr-June	--	6.6

SUMMARY of SNOW MEASUREMENTS (COMPARISON WITH PREVIOUS YEARS)

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	10	157	207
East Fork Sevier	4	171	222
South Fork Sevier	6	138	184
LOWER SEVIER	8	88	127
BEAVER RIVER	3	143	200

1 - Observed flow corrected for change in storage and diversions
2 - Provisional flows - Subject to correction

RESERVOIR STORAGE (Thousand Acre Feet)

BASIN OR STREAM	RESERVOIR	Usable Capacity	USEABLE STORAGE This Year	USEABLE STORAGE Last Year	USEABLE STORAGE Average†
SEVIER RIVER	Gunnison	18.2	12.4	2.5	14.0
	Otter Creek	52.5	23.3	21.8	33.1
	Piute	71.8	31.7	21.0	44.9
	Sevier Bridge	236.0	76.3	81.7	131.4
BEAVER RIVER	Minersville (Rky Fd)	23.3	13.6	5.6	13.5

b - Average of all past record - less than 15 years
† - 1963-77 15 Year Average Period

PEAK FLOWS

FORECAST POINT	PEAK FLOW (SECOND FEET) (a) Forecast Range	PEAK FLOW (SECOND FEET) (a) Average †
Sevier River at Hatch	800-1000	428
Sevier River nr Circleville	640-840	321
Sevier River nr Kingston	500-700	300
Clear Creek nr Sevier	270-330	--
Salina Creek nr Salina	700-900	--
Beaver River nr Beaver	320-550	211

(a) - Maximum mean daily peak flow

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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

MARCH 1, 1979

THE WATER SUPPLY OUTLOOK IS ABOVE AVERAGE

SNOW COVER ranges from 171% of the March 1 average on Parowan Creek to 308% in the Enterprise-New Harmony area. Coal Creek watershed has 202% of average snow cover and the Virgin River 217%.

PRECIPITATION at mountain stations ranged from 184% of the February average on Parowan Creek to 215% on the Virgin River.

SOIL MOISTURE is above average in this area.

RESERVOIR STORAGE is reported as above average with a heavy snowpack above all reservoirs in the area.

STREAMFLOW FORECASTS range from 155% of average for Lake Powell Inflow to 244% for the Santa Clara near Pine Valley. The Virgin River is forecast 220% near Hurricane and Coal Creek near Cedar City 192% of the April-July average. Higher than normal peak flows are expected in this area due to very heavy snowpack on all watersheds. Precautions should be taken to protect property near streams which might be affected by high streamflow as the snow begins to melt.

USDA-SCS-PORTLAND, OR. 1979 M7-OL-22027-7

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 2	PAST RECORD THOUSAND ACRE FEET Average +
VIRGIN RIVER					
Virgin nr Hurricane	107	220	Apr-June	--	49
Santa Clara nr Pine Valley	10.0	244	Apr-June	9.9	4.1
COAL CREEK					
Coal Creek nr Cedar City	32	192	Apr-July	--	17.0
UPPER COLORADO					
Lake Powell Inflow	10800	155	Apr-July	--	6952

2 - Provisional Flows - Subject to correction

SUMMARY of SNOW MEASUREMENTS (COMPARISON WITH PREVIOUS YEARS)

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	148	202
VIRGIN RIVER	3	140	217
PAROWAN CREEK	4	146	171
ENTERPRISE - NEW HARMONY	2	191	308

RESERVOIR STORAGE (Thousand Acre Feet)

BASIN OR STREAM	RESERVOIR	Usable Capacity	USEABLE STORAGE This Year	USEABLE STORAGE Last Year	USEABLE STORAGE Average+
COLORADO	Lake Powell	25002.0	15126.0	14555.0	--
	Blue Mesa	829.5	420.4	235.1	--

b - Average of all past record - less than 15 years
+ - 1963-77 15 year Average Period

PEAK FLOWS

FORECAST POINT	PEAK FLOW (SECOND FEET) (a) Forecast Range	PEAK FLOW (SECOND FEET) (a) Average +
Coal Creek nr Cedar City	400-600	269
Virgin nr Hurricane	1200-1600	--

(a) - Maximum mean daily peak flow

+ 1958-1972 period.

M7-N-22027X

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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	2/26	60	17.6	25.8	17.5						
Burts-Miller Ranch	2/28	22	5.4	4.3	- -	2/28	.84	- -	5.75	- -	- -
CCC Camp	2/27	46	13.2	16.4	11.1						
Hayden Fork	2/28	48	14.0	14.6	12.7a						
Kelly R.S.	2/26	63	18.9	24.0	15.3						
Monte Cristo R.S.	2/27	63e	22.7e	25.0	22.0	2/27	4.00e	4.15	19.23	21.27	90
Poison Meadows	2/26	82	22.8	39.4	25.0						
Salt River Summit	2/27	56	15.4	21.2	14.4	2/27	3.56	2.91	14.31	14.26	100
Snider Basin	2/26	54	16.6	21.8	15.0						
Stillwater Camp	2/28	39	9.9	10.1	- -	2/28	1.82	- -	8.78	- -	- -
LOWER BEAR RIVER (Below Harer, Idaho)											
Bug Lake	2/27	61	20.1	18.5	15.6a						
Christensen Ranch	2/26	43	10.9	11.2	7.9						
Cliff Canyon	2/26	34	8.6	12.3	- -						
Cub River R.S.	2/26	43	11.5	11.0	8.4						
Daniels Creek	2/26	32	7.7	7.9	- -						
Dry Basin	2/26	87	26.8	33.8	24.2b						
Dry Creek Flat	2/26	36	10.7	11.3	7.4						
Emigrant Summit	2/27	78	23.3	28.2	21.7						
Emigration Canyon	2/27	43	12.4	13.2	9.7						
Franklin Basin	2/26	74	22.8	26.7	22.7						
Garden City Summit	2/26	61	17.7	18.1	15.3	2/26	3.11	3.47	18.16	15.80	115
Horseshoe Basin	2/26	72	22.5	31.9	22.0b						
Klondike Narrows	2/26	65	18.5	22.6	17.3	2/26	4.29	- -	16.13	- -	- -
Liberty Springs	2/26	105	35.0	44.4	32.7						
Little Bear (lower)	2/27	42	12.6	11.8	9.2						
Little Bear (upper)	2/27	50	15.1	12.3	10.9						
Lower Elkhorn	2/26	46	12.5	19.9	12.7b						
Oxford Mountain	2/26	46	13.1	12.6	9.4b						
Slug Creek Divide	2/27	50	14.8	21.4	14.8						
Steep Hollow #1	2/26	102	32.2	38.1	30.8						
Steep Hollow #2	2/26	81	23.5	30.0	22.4						
Strawberry Creek	2/27	49	13.6	12.4	9.6						
Strawberry Mink Divide	2/26	73	22.0	25.6	18.7						
Tony Grove Lake	2/26	106	32.8	42.5	28.4a						
Tony Grove R.S.	2/26	52	14.9	13.6	10.9						
Upper Elkhorn	2/26	61	18.3	24.4	16.4b						
Willow Flat	2/26	62	19.9	18.7	13.9	2/26	4.71	3.71	18.97	18.85	101
Worm Creek	2/26	66	19.7	22.5	- -						
RAFT RIVER											
Clear Creek Meadows	2/26	69	19.6	20.9	19.1						
George Peak	2/26	70	20.0	24.5	- -						
One Mile Summit	2/26	24	6.6	4.5	6.1						
Vipont (A)	2/26	51	15.5	15.0	12.9b						
OGDEN RIVER											
Beaver Creek-Skunk Creek	2/27	42	15.5	13.9	10.8						
Ben Lomond Peak	2/27	115	38.4	43.7	29.1						
Ben Lomond Trail	2/27	80	25.2	- -	15.7b	2/27	6.74	4.47b	25.42	24.98b	102
Causey Dam						2/27	2.08	2.42b	12.40	11.91	104
Dry Bread Pond	2/27	59	18.6	19.9	16.0	2/27	3.30e	- -	- -	16.96b	- -
North Fork		Data Delayed									
Sagebrush Flat	2/27	21	6.7	3.9	5.0	2/27	2.18	2.58	12.73	12.07	105
WEBER RIVER											
Beaver Creek R.S.	2/27	31	8.5	8.1	7.5						
Chalk Creek #1	2/28	61	17.6	20.2	18.0						
Chalk Creek #2	2/28	46	12.0	12.1	12.2						
Chalk Creek #3	2/28	28	6.4	5.8	6.7	2/28	1.80	1.82b	8.14	11.26b	72
East Shingle Lake (A)		Not Measured									
Farmington Canyon (lower)	2/27	80	26.8	24.8	18.4b	2/27	5.98	4.04b	23.17	22.40	103
Farmington Canyon (upper)	2/27	88	28.8	30.7	25.3b						
Farmington G.S.						2/27	4.12	- -	18.60	- -	- -
Horse Ridge	2/27	66	23.9	21.1	18.2b	2/27	4.12	- -	21.91	19.40b	113

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+ 1958-1972 period.

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 (cont'd)											
Killfoil Creek	2/27	55	16.3	13.6	11.6b						
Lost Creek Reservoir	2/27	30	9.3	7.7	4.9b	2/27	1.96	- -	10.54	- -	- -
Park City Summit	2/27	78	24.4	23.4	- -						
Parley's Canyon Summit	2/27	64	17.5	18.4	16.1	2/27	4.90	3.68	17.29	18.48	94
Redden Mine (lower)		Not Measured									
Redden Mine (upper)						Not Measured					
Sergeant Lake (A)	3/3	51	14.8	- -	- -						
Smith & Morehouse	2/28	41	12.2	10.9	11.4	2/28	3.15	2.81	12.17	14.71	83
PROVO RIVER & UTAH LAKE											
Beaver Creek Divide	2/27	42	11.8	13.0	10.9a						
Camp Altamont	2/26	68	21.8	18.8	13.4						
Clear Creek Ridge #1	3/1	65e	18.2e	23.9	15.6						
Clear Creek Ridge #2	3/1	51	14.6	16.0	11.8	3/1	2.80	2.48b	15.22	13.35b	114
Clear Creek Ridge #3	3/1	36	10.9	9.6	6.9						
Dutchman R.S.	2/26	71	20.8	21.8	14.4						
Hobble Creek Summit	3/1	59	15.6	17.0	12.3	3/1	- -	- -	15.70	14.49	108
Payson R.S.	3/1	59	15.2	20.3	16.5b	3/1	3.80	3.01	17.55	15.05	117
Rock Bridge	3/1	36	10.8	11.2	10.7b						
Soapstone R.S.	2/28	41	12.3	12.6	11.1	2/28	2.26	2.66	12.97	13.82	94
South Fork R.S.	2/26	39	10.4	11.3	6.1						
Timpanogos Cave Camp	2/26	22	5.4	2.0	2.4						
Timpanogos Divide	2/26	83	27.2	24.2	21.5	2/26	5.85	4.30	26.15	21.73	120
Trial Lake	2/27	75	22.3	25.8	20.0	2/27	4.66	3.87	21.52	20.07	107
JORDAN RIVER & GREAT SALT LAKE											
Lamb's Canyon #2	2/27	54	15.0	16.0	- -	2/27	4.80a	- -	15.18a	- -	- -
Middle Canyon	2/27	45	14.8	10.9	12.1	2/27	2.60	2.79	14.00	12.53	112
Mill Creek	2/28	57	15.8	17.4	- -						
Mill D South Fork	2/26	62	17.3	18.4	17.1						
Mt. Dell Dam						3/1	1.74	1.77	- -	11.14	- -
Silver Lake (Brighton)	2/26	82	24.2	24.4	19.6	3/1	5.75	4.31	23.62	22.38	106
Snow Bird (Gad Valley)	2/28	101	34.2	33.8	- -						
Vernon Creek	2/28	52	13.2	14.5	9.3a	2/28	2.70	- -	15.50	12.76b	121
UPPER SEVIER RIVER (South of Richfield, Utah)											
Box Creek	2/26	60	22.2	10.2	10.7	2/26	3.40	- -	17.80	11.10	160
Bryce Canyon	2/28	46	10.4	8.1	3.9						
Castle Valley	2/26	66	20.2	11.2	10.6	2/26	4.10	- -	20.65	11.12	186
Duck Creek R.S.	3/2	86	25.0	16.8	10.7	3/2	5.70	2.35b	25.43	13.25	192
Farview	2/26	61	19.5	5.6	- -						
Harris Flat	3/2	69	22.0	12.9	6.9						
Kimberly Mine	2/26	65	22.1	13.1	12.3	2/26	5.20	3.18b	19.68	14.38	137
Midway Valley	3/3	101	33.8	19.8	16.6	3/3	7.10	- -	29.60	- -	- -
Panguitch Lake	2/26	44	11.4	7.3	3.8	2/26	2.50	- -	12.50	6.51b	192
Rainbow Point	2/26	67	20.8	7.0	- -						
Squaw Springs	2/26	41	11.8	7.7	6.1						
LOWER SEVIER RIVER (Including San Pitch River)											
Beaver Dams	2/28	48	14.5	16.7	9.6b	2/28	2.30	- -	14.65	10.66	137
Farnsworth Lake	2/26	56	17.4	17.6	15.1	2/26	3.50	3.59	15.80	15.23	104
G.B.R.C. Headquarters	2/28	55	16.8	19.7	13.0	2/28	4.30	2.69	16.60	14.21	117
G.B.R.C. Majors						2/28	1.85	1.30	8.95	6.95	129
G.B.R.C. Meadows	2/28	71	21.0	28.7	18.6	2/28	5.20	3.59	19.97	17.57	114
G.B.R.C. Oaks						2/28	2.30	1.88	10.85	9.70	112
Gooseberry R.S.	2/26	35	12.2	11.1	10.1	2/26	1.80	2.38b	12.05	9.87b	122
Mammoth-Cottonwood Creek	2/26	68	22.0	22.8	17.4						
Middle Fork	2/28	74	22.4	- -	- -						
Mt. Baldy R.S.	2/28	84	26.0	29.8	18.6b	2/28	2.90	- -	19.50	13.76	142
Oak Creek	2/28	55	14.9	- -	- -	2/28	4.35	- -	16.81	- -	- -
Pickle Keg Springs	2/28	57	20.0	- -	13.2a						
Pine Creek	3/1	54	16.8	19.1	13.1	3/1	4.50	- -	18.21	18.53	98
Ree's Flat	3/2	47	12.3	- -	10.3b	3/2	2.40	- -	12.66	- -	- -
Shingle Mill	2/28	31	9.2	- -	7.6	2/28	2.65	2.33b	12.00	12.58	95
Thistle Flat	2/28	54	15.8	- -	- -						

+ 1958-1972 period.

USDA-SCS-PORTLAND, OR. 1977 M7-0-22027 D

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
BEAVER RIVER											
Beaver Race Track	2/27	1	0.5	0.5	- -						
Beaver Canyon Power House						3/1	3.11	- -	11.79	- -	- -
Big Flat	2/26	83	22.7	17.4	12.8	2/26	5.80	2.60	21.09	12.53	168
Merchant's Valley (upper)	2/26	62	20.0	13.4	9.6b	2/26	5.10	2.11b	16.57	11.29	147
Otter Lake	2/26	73	22.0	14.3	9.9						
PAROWAN CREEK											
Birch Crossing	3/1	40	10.8	7.5	6.0b						
Brian Head	2/26	90	26.2	19.0	16.3b						
Tall Poles	3/1	6	19.6	12.7	11.5b	3/1	4.40	2.39b	14.85	11.87b	125
Yankee Reservoir	2/26	51	14.0	9.0	7.4	2/26	3.15	- -	14.45	9.40b	154
ENTERPRISE TO NEW HARMONY DRAINAGES											
Little Grassy Creek	3/3	47	15.5	6.8	3.6	3/3	3.00	- -	19.30	12.33b	156
Long Flat	3/3	47	12.8	8.0	5.6	3/3	2.70	- -	16.85	9.23	182
COAL CREEK											
Cedar City Golf Course	3/1	3	1.0	0.0	- -						
SUSC Ranch	3/1	54	16.2	11.2	7.5b						
COLORADO RIVER DRAINAGE											
UPPER GREEN RIVER - UTAH											
Ashley-Twin Lakes (A)	3/3	69	15.9	- -	- -						
Black's Fork G.S.-East Fork	2/28	31	7.8	8.5	7.4	2/28	1.76	- -	8.12	9.51	85
Black's Fork Junction	2/28	34	8.0	8.5	7.4	2/28	1.53	- -	7.86	9.37	84
Buck Pasture (A)	3/3	57	14.2	- -	- -						
Burnt Creek	3/1	25	5.2	4.5	4.2b	3/1	.80	1.23b	7.22	7.32b	99
Dutch John Junction	3/1	24	5.4	4.5	- -						
Grizzly Ridge	3/1	46	11.5	9.2	- -	3/1	2.78	1.80b	11.95	10.55	113
Henry's Fork (A)	3/3	50	12.5	- -	- -						
Hewinta G.S.	2/28	32	8.0	7.3	7.3	2/28	1.61	- -	8.74	10.06	87
Hickerson Park	2/28	29	6.2	4.6	5.0b	2/28	- -	- -	5.91	7.65b	77
Highline Trail		Discontinued									
King's Cabin (lower)		Discontinued									
King's Cabin (upper)	2/28	40e	9.6e	8.4	8.1	2/28	2.00e	- -	9.99a	9.24	108
Reynolds Park (A)	3/3	84	21.8	- -	- -						
Spirit Lake	2/28	47	11.7	8.4	9.7	2/28	2.26	- -	11.90	11.04	108
Steel Creek Park	2/28	48	12.0	14.1	12.8b						
Trout Creek	2/28	48	11.2	8.2	- -	2/28	2.19	- -	10.61	- -	- -
Windy Park (A)	3/3	51	14.8	- -	- -						
DUCHESNE RIVER											
Atwood Lake (A)	3/3	96	23.0	- -	- -						
Brown Duck Ridge	2/28	69	18.9	- -	14.1a	2/28	- -	- -	15.95	- -	- -
Chepeta-Whiterocks (A)	3/3	74	19.2	- -	- -						
Currant Creek	2/24	55	13.5	11.8	7.8a	2/24	4.00a	- -	18.57	- -	- -
Daniels-Strawberry Summit	2/24	60	16.0	15.7	12.3	2/24	3.15	3.10	17.76	15.13	117
East Portal	2/27	51	15.5	14.0	9.6	2/27	3.25	3.08	17.61	14.22	124
Five Points Lake (A)	3/3	72	17.3	- -	- -						
Indian Canyon	2/26	57	16.3	12.0	10.1	2/26	2.25	2.18	15.71	10.87	144
Jackson Park	2/28	55	13.1	- -	- -	2/28	2.43	- -	13.05	- -	- -
Lakefork Basin (A)	3/3	69	18.6	- -	- -						
Lakefork Mountain	2/27	45	10.9	10.7	9.0	2/27	2.17	1.86	11.87	10.54	113
Lakefork Mountain #3	2/27	32	6.9	7.9	5.3						
Lightning Lake (A)	3/3	78	21.1	- -	- -						
Mosby Mountain	2/27	47	11.4	9.2	7.7	2/27	2.65	1.66b	12.22	10.53	116
Paradise Park	2/27	56	14.5	11.9	10.2	2/27	2.89	1.91b	17.12	11.27	152
Rock Creek Ranch	2/28	31	7.9	9.2	- -	2/28	1.92	- -	11.15	- -	- -
Strawberry Divide	2/27	68	21.8	20.0	16.5						
PRICE RIVER											
Dry Valley Divide Alternate	3/1	40	11.8	- -	- -						
Gooseberry Reservoir		Snow Course Discontinued				2/26	4.10	3.27	19.44	15.36	126
Mud Creek	2/28	51	14.2	14.8	11.4	2/28	3.10	2.49	14.20a	11.69	121
White River #1	3/1	55	17.4	13.0	11.3	3/1	- -	- -	16.28	11.08	147
White River #3	3/1	36	10.6	10.6	7.6						

+ 1958-1972 period.

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SNOW

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 +
SAN RAFAEL RIVER					
Buck Flat	2/28	59	17.6	22.7	13.3
Huntington-Horseshoe	2/26	66	23.0	26.7	- -
Orange Olsen	2/28	28	8.4	8.0	- -
Red Pine Ridge	2/28	53	16.0	18.4	14.3
Seeley Creek R.S.	2/28	51	14.2	21.2	13.4
Stuart R.S.	2/28	36	10.4	- -	- -
Upper Joe's Valley	2/28	42	12.4	12.8	8.8
Wrigley Creek	2/28	49	12.8	14.0	8.9
MUDDY RIVER					
Black's Fork	2/28	51	14.0	17.9	- -
Dill's Camp	2/28	45	11.4	18.8	9.8a
FREMONT RIVER					
Black's Flat-U.M. Creek	2/26	48	14.2	12.2	8.9
Fish Lake	2/26	46	13.2	9.6	6.6
Johnson Valley	2/26	41	11.6	9.7	5.6
SOUTHEASTERN UTAH DRAINAGES					
Buckboard Flat	2/26	72	23.5	10.2	8.8
Camp Jackson	2/26	73	24.5	14.0	10.3
LaSal Mountain (lower)	2/28	43	11.6	11.6	7.1
LaSal Mountain (upper)	2/28	65	18.9	16.7	11.6b
Monticello City Park	3/1	26	9.2	2.7	- -
ESCALANTE RIVER					
Widtsoe-Escalante #3	3/2	71	20.0	11.6	8.3
VIRGIN RIVER					
Kolob-Crystal	3/3	103	30.0	22.8	17.3a
Long Valley Junction	3/2	53	15.6	10.8	4.0
Webster Flat	3/3	88	27.0	21.0	13.9

PRECIPITATION (Inches)

DRAINAGE BASIN and/or SNOW COURSE NAME	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
SAN RAFAEL RIVER						
Buck Flat	2/28	2.90	3.21	18.35	14.50	126
Huntington-Horseshoe						
Orange Olsen	2/28	1.90	1.17b	9.75	6.39	152
Red Pine Ridge	2/28	3.50	3.48	17.60	16.25	108
Seeley Creek R.S.						
Stuart R.S.	2/28	2.00	- -	12.03	- -	- -
Upper Joe's Valley						
Wrigley Creek						
MUDDY RIVER						
Black's Fork						
Dill's Camp	2/28	1.50	- -	15.51	- -	- -
FREMONT RIVER						
Black's Flat-U.M. Creek	2/26	2.10	- -	14.18	9.64b	147
Fish Lake	2/26	1.90	1.15	11.00	7.50	147
Johnson Valley						
SOUTHEASTERN UTAH DRAINAGES						
Buckboard Flat	2/26	3.24	- -	24.69	15.18	163
Camp Jackson	2/26	3.83	- -	26.33	14.27	184
LaSal Mountain (lower)						
LaSal Mountain (upper)	2/28	3.30	- -	16.94	11.04	153
Monticello City Park						
ESCALANTE RIVER						
Widtsoe-Escalante #3	3/2	5.50	2.08	19.55	9.67	202
VIRGIN RIVER						
Kolob-Crystal						
Long Valley Junction						
Webster Flat	3/3	7.60	3.53	31.08	15.15	205

a - Partly Estimated
b - Average of past record in average period - less than 15 years
+ - 1963-77 15 year average period
(A) - Aerial Marker Reading

+ 1958-1972 period.

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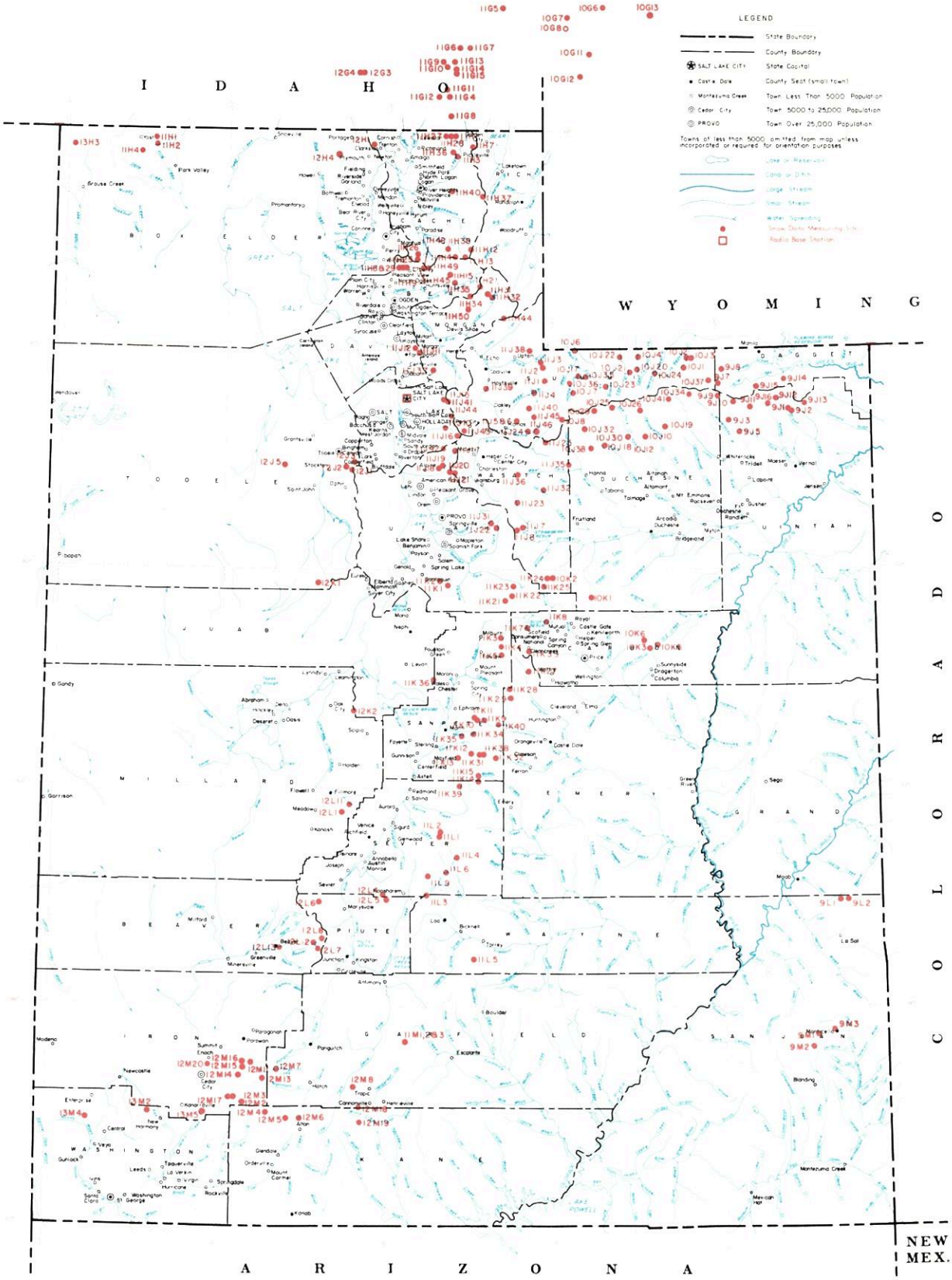

SNOW COURSES AND RELATED DATA MEASURING SITES

UTAH

1978

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

20 0 20 40

SCALE 1:1,500,000

ALBERS EQUAL AREA PROJECTION

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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	15	1N	9E	10,000
10J7PST	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	9,050
11H12PST	U	Monte Cristo R.S.	4	8N	4E	8,960
10G6	W	Poison Meadows x	29	30N	116W	8,500
10G8P	W	Salt River Summit x	32	29N	118W	7,900
10G13MP	W	Snyder Basin x	15	29N	115W	8,400
10J17P	U	Stillwater Camp	32	2N	10E	8,550
		LOWER BEAR RIVER (below Harer, Idaho)				
11H37pST	U	Bug Lake	18	11N	5E	7,950
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
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
11G8MPST	I	Franklin Basin	1	16S	41E	8,000
11H7MP	U	Garden City Summit	34 & 35	14N	4E	7,600
11H40p	U	Herd Hollow	3	11N	3E	7,200
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)	16	8N	1E	6,000
11H25PST	U	Little Bear (upper)	22	8N	1E	6,550
12G3	I	Oxford Mountain	32	13S	37E	6,800
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
11H36PST	U	Tony Grove Lake	5	13N	3E	8,400
11H3MP	U	Tony Grove Ranger Station	11	13N	3E	6,250
11G4P	I	Willow Flat	2	15S	41E	6,100
		RAFT RIVER				
13H2a	U	Clear Creek Meadows	26	14N	14W	9,050
13H4PS	U	George Peak	4	13N	14W	9,000
13H1	U	One Mile Summit	17	14N	14W	7,330
13H3a	U	ViPont	17	14N	17W	7,670
		OGDEN RIVER				
11H14M	U	Beaver Creek-Skunk Creek	22	8N	3E	7,150
11H8PST	U	Ben Lomond Peak	3	7N	1W	8,000
11H9PST	U	Ben Lomond (lower)	1	7N	1W	5,680
11H35p	U	Causey Dam	34	7N	3E	5,500
11H29	U	Cutler Creek	3	7N	1W	6,780
11H13MPST	U	Dry Bread Pond	19	8N	4E	8,350
11H34p	U	Guilder's Peak	21	6N	4E	8,050
11H45p	U	Middle Fork Ogden	16	7N	2E	8,420
11H49	U	Powder Mountain Hideaway	6	7N	2E	8,250
11H48	U	Powder Mountain Sundown	1	7N	1E	8,400
11H15P	U	Sagebrush Flat	21	7N	3E	6,300
		WEBER RIVER				
11J24	U	Beaver Creek R.S.	28	2S	7E	7,500
11J1PST	U	Chalk Creek #1	4	1N	8E	9,100
11J2MPST	U	Chalk Creek #2	29	2N	8E	8,200
11J3MP	U	Chalk Creek #3	7	2N	8E	7,500
11J45a	U	East Shingle Lake	6	2S	8E	9,750
11J12P	U	Farmington Canyon (lower)	15	3N	1E	6,950
11J11PST	U	Farmington Canyon (upper)	23	3N	1E	8,000
11H4p	U	Francis Canyon	29	5N	6E	7,400
11J37p	U	Hardscrabble	22	2N	2E	6,700
11H21PST	U	Horse Ridge	25	7N	4E	8,260
11H31	U	Kilfoil Creek	20	6N	5E	7,300
11H32P	U	Lost Creek	27	6N	5E	7,300
11J43	U	Park City Summit	30	2S	4E	9,300
11J15PST	U	Parley's Canyon Summit	5	1S	3E	7,500
11H50	U	Pine Canyon	6	5N	4E	8,000
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	9	1N	6E	8,300
11J40p	U	Shingle Mill Flat	22	1S	7E	9,040
11J4PST	U	Smith & Morehouse	25	1N	7E	7,600
		PROVO RIVER & UTAH LAKE				
11J46PST	U	Beaver Creek Divide	25	2S	7E	8,280
11J20	U	Camp Altamont	29	4S	3E	7,300
11K21PST	U	Clear Creek Ridge #1	18	11S	6E	9,200
11K22PST	U	Clear Creek Ridge #2	9	11S	6E	8,000
11K23	U	Clear Creek Ridge #3	27	10S	6E	6,600
11J17P	U	Dutchman R.S.	27	3S	3E	7,560
11J22P	U	Hobble Creek Summit	27	7S	5E	7,420
11J36P	U	Lake Creek	36	4S	6E	9,000
11J31	U	Packard Canyon	21	7S	5E	6,400
11K1P	U	Payson R.S.	30	10S	3E	8,050
11K2	U	[illegible] Bridge	14	10S	2E	6,750
		PROVO RIVER & UTAH LAKE (continued)				
11J25P	U	Soapstone R.S.	9	3S	8E	7,800
11J19	U	South Fork R.S.	24	4S	2E	6,100
11J18	U	Timpanogos Cave Camp	27	4S	2E	5,500
11J21PST	U	Timpanogos Divide	33	4S	3E	8,140
10J8PST	U	Trial Lake	5	2S	9E	9,960
		JORDAN RIVER & GREAT SALT LAKE				
12J2	U	Bevan's Cabin	24	4S	4W	6,450
12J5P	U	Deseret Peak	15	4S	7W	9,250
11J41P	U	Lamb's Canyon #2	21	1S	3E	7,500
12J3P	U	Middle Canyon	8	4S	3W	7,000
11J44	U	Mill Creek	25	1S	2E	6,950
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	9,700
12K1PST	U	Vernon Creek	21	10S	5W	7,500
		UPPER SEVIER RIVER (South of Richfield, Utah)				
12L4PST	U	Box Creek	33	26S	2W	9,300
12M8	U	Bryce Canyon	36	36S	4W	8,000
12M13PST	U	Castle Valley	23	36S	8W	9,580
12M4P	U	Duck Creek R.S.	11	38S	8W	8,700
12M18	U	Farview	32	37S	4W	8,200
12M5PST	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
12M2MPST	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
		LOWER SEVIER RIVER (Including San Pitch River)				
11K13P	U	Beaver Dam	22	19S	3E	8,000
11L1PST	U	Farnsworth Lake	34	23S	2E	9,600
11K11P	U	G.B.R.C. Headquarters	21	17S	4E	8,700
11K10P	U	G.B.R.C. Meadows	27	17S	4E	10,000
11L2PST	U	Gooseberry R.S.	21	23S	2E	8,000
11K3MPST	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
12K2P	U	Oak Creek	9	17S	3W	7,760
11K39PST	U	Pickle Keg Springs	4	21S	3E	9,000
12L1PS	U	Pine Creek	24	22S	4W	8,700
11K36	U	Reed's Flat	20	15S	2E	7,300
12L11P	U	Shingle Mill	5	22S	3W	6,200
11K35	U	Thistle Flat	19	18S	3E	8,760
		BEAVER RIVER				
12L13	U	Beaver Race Track	23	29S	7W	6,020
12L7PST	U	Big Flat	7	29S	4W	10,290
12L12PST	U	Merchant's Valley (upper)	8	29S	5W	8,750
12L8	U	Otter Lake	12	29S	5W	9,600
		PAROWAN CREEK				
12M16	U	Birch Crossing	23	35S	9W	8,100
12M14	U	Brian Head	10	36S	9W	10,000
12M15P	U	Tall Poles	26 & 35	35S	9W	8,800
12M11P	U	Yankee Reservoir	20	35S	8W	8,700
		ENTERPRISE TO NEW HARMONY DRAINAGES				
13M4MP	U	Little Grassy Creek	14	38S	18W	6,100
13M2MPST	U	Long Flat	2	38S	14W	8,000
		COAL CREEK				
12M20	U	Cedar City Golf Course	11	36S	11W	5,800
12M17	U	SUSC Ranch	18	37S	9W	8,200

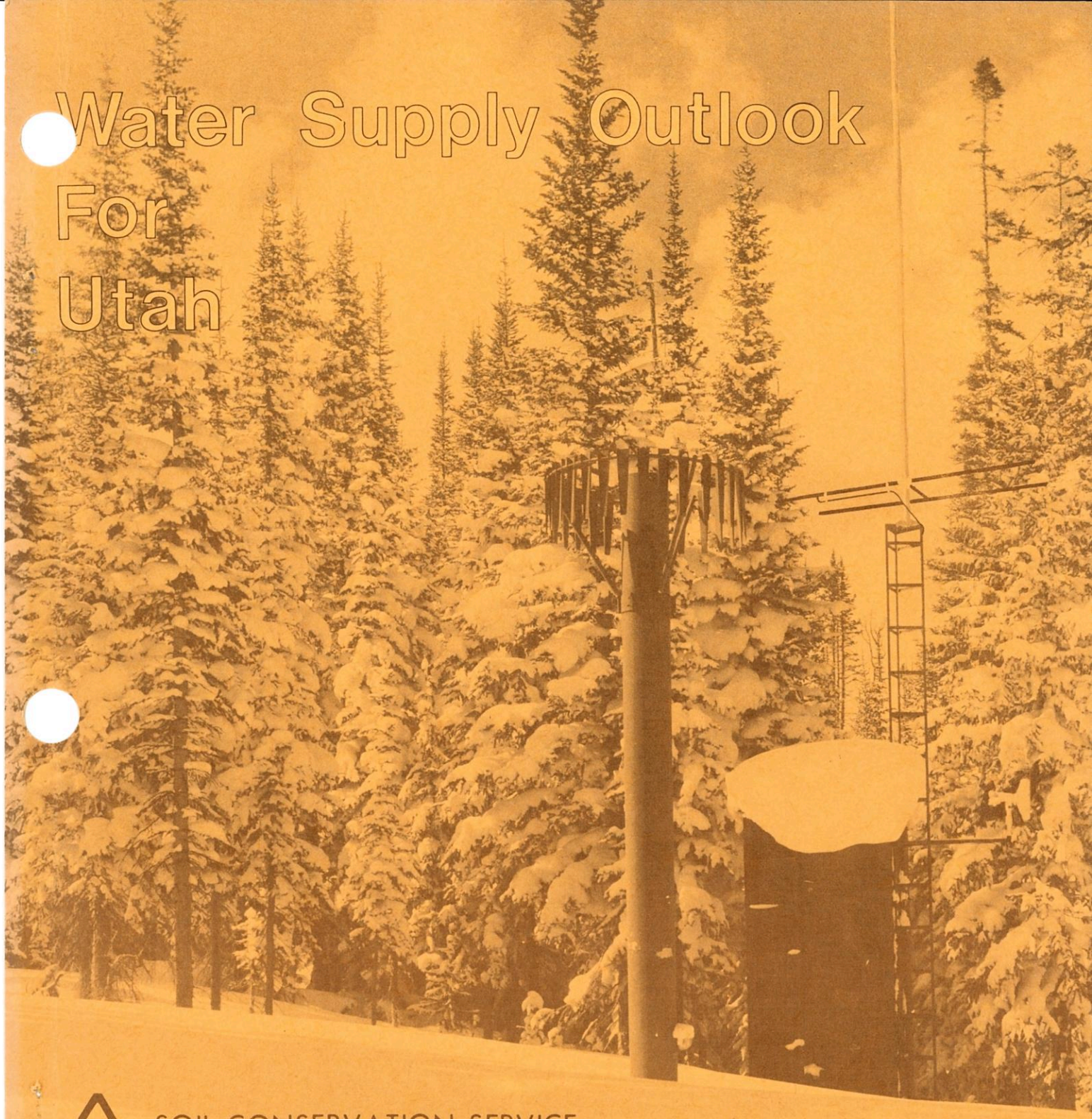
COLORADO RIVER DRAINAGE

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	2	1N	11E	9,700
9J14P	U	Burnt Creek	4	1N	20E	7,900
9J13P	U	Grizzly Ridge	8	1S	22E	8,500
10J24ap	U	Henry's Fork	29	2N	14E	10,000
10J4P	U	Hewinta G.S.	33	3N	13E	9,500
9J8P	U	Hickenson Park	13	2N	17E	9,100
9J15p	U	Highline Trail	24	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 & [illegible]	1S	21E	8,640
9J1PST	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	8,650
9J10aP	U	Reynolds Park	9	1S	18E	10,400
9J7P	U	Spirit Lake	10	1N	17E	10,300
10J20PST	U	Steel Creek Park	17	2N	13E	10,100
9J16PST	U	Trout Creek	9	1S	20E	9,400
9J12ap	U	Windy Park	2	1S	20E	9,400
		DUCHESNE RIVER				
10J41ap	U	Atwood Lake	13	4N	4W	10,840
10J30PST	U	Brown Duck Ridge	8	2N	6W	10,600
9J9ap	U	Chepeta-Whiterocks Lakes	3	4N	1W	10,350
11J32MPST	U	Currant Creek	26	1S	11W	8,000
11J23MPST	U	Daniels-Strawberry Summit	20	2S	12W	8,000
11J7P	U	East Portal	36	7S	6E	7,560
10J26ap	U	Five Point Lake	28	4N	5W	11,000
10K1PST	U	Indian Canyon	2	11S	10E	9,100
10J19P	U	Jackson Park	25	3N	4W	10,600
10J34p	U	Kidney Lake	28	5N	3W	11,000
10J25ap	U	Lakefork Basin	13	4N	7W	11,100
10J10PST	U	Lakefork Mountain	2 & 3	2N	5W	10,200
10J12	U	Lakefork Mountain #3	20	2N	4W	8,400
10J29ap	U	Lightning Lake	23	4N	8W	10,500
9J5PST	U	Mosby Mountain	33	3N	1E	9,500
9J3P	U	Paradise Park	7	3N	1E	10,100
10J18P	U	Rock Creek	21	2N	7W	7,900
10J32p	U	Shadow Lake	29	3N	8W	10,150
11J8PST	U	Strawberry Divide	2	4S	12W	8,400
11J35P	U	West Fork of the Duchesne	22	1N	11W	9,480
		PRICE RIVER				
10K5M	U	Corral	32	13S	14E	8,200
11K8	U	Dry Valley Divide	14	11S	7E	7,900
10K3M	U	Grassy Trail Creek-Left Fork	1	14S	13E	7,970
11K7	U	Jones Ranch	32	12S	7E	7,600
11K33MP	U	Mud Creek	4	14S	7E	8,600
10K6	U	Timberline	23	13S	13E	9,100
10K2MPST	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				
11K31PST	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
11K40P	U	Orange Olsen	31	17S	6E	7,200
11K28PST	U	Red Pine Ridge	5	16S	6E	9,200
11K38	U	Rush Pond	24	19S	4E	9,800
11K9PST	U	Seeley Creek	25	17S	4E	10,000
11K27P	U	Stuart R.S.	8	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
11K15PST	U	Dill's Camp	27	20S	4E	9,200
		FREMONT RIVER				
11L4P	U	Black's Flat-U.M. Creek	33	24S	3E	9,400
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	9,850
9M3	U	Monticello Park	25	33S	23E	7,050
		ESCALANTE RIVER				
11M1	U	Widtsoe-Escalante Summit	22	34S	1W	9,500
11M2PST	U	Widtsoe-Escalante #2	22	34S	1W	9,500
11M3PST	U	Widtsoe-Escalante #3	22	34S	1W	9,500
		VIRGIN RIVER				
13M5PST	U	Kolob-Crystal	2	38S	11W	9,250
12M6	U	Long Valley Junction	22	38S	6W	7,500
12M3MPST	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
10J7M-P	Snow Course, Soil Moisture Station and Precipitation Gage
10J7a	Aerial Marker Only
10J7p	Storage Precipitation Gage Only
10J7PS	Snow Course, Precipitation Gage, Snow Pillow and Temperature
10J7PST	Snotel Data Site

Water Supply Outlook For Utah



SOIL CONSERVATION SERVICE
U.S. DEPARTMENT OF AGRICULTURE

Cooperating with

UTAH STATE DEPARTMENT of NATURAL RESOURSES
-- DIVISION of WATER RIGHTS

AS OF
APR. 1, 1979

WATER SUPPLY OUTLOOK FOR UTAH

and

FEDERAL - STATE - PRIVATE COOPERATIVE SNOW SURVEYS

Issued by

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ADMINISTRATOR
SOIL CONSERVATION SERVICE
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In Cooperation with

UTAH STATE DEPT. OF NATURAL RESOURCES

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SOIL CONSERVATION SERVICE
SNOW SURVEY SECTION
4012 FEDERAL BUILDING
SALT LAKE CITY, UTAH 84138

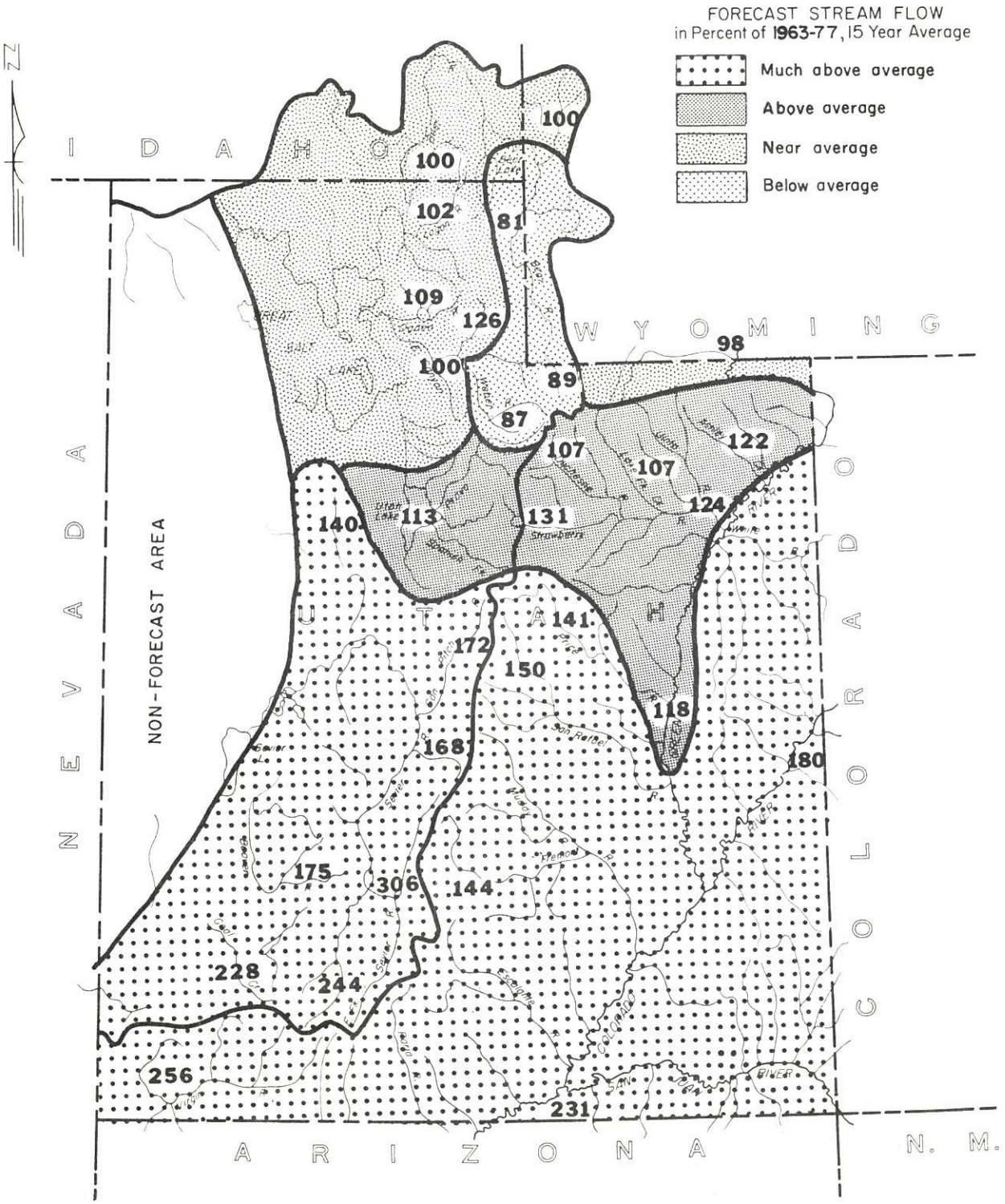
USDA-SCS-PORTLAND, OR. 1978 M7-L-22027R

PROSPECTIVE WATER SUPPLIES

Based on Snow Surveys Made on UTAH and BEAR RIVER WATERSHEDS

APRIL 1, 1979
Approximate Date

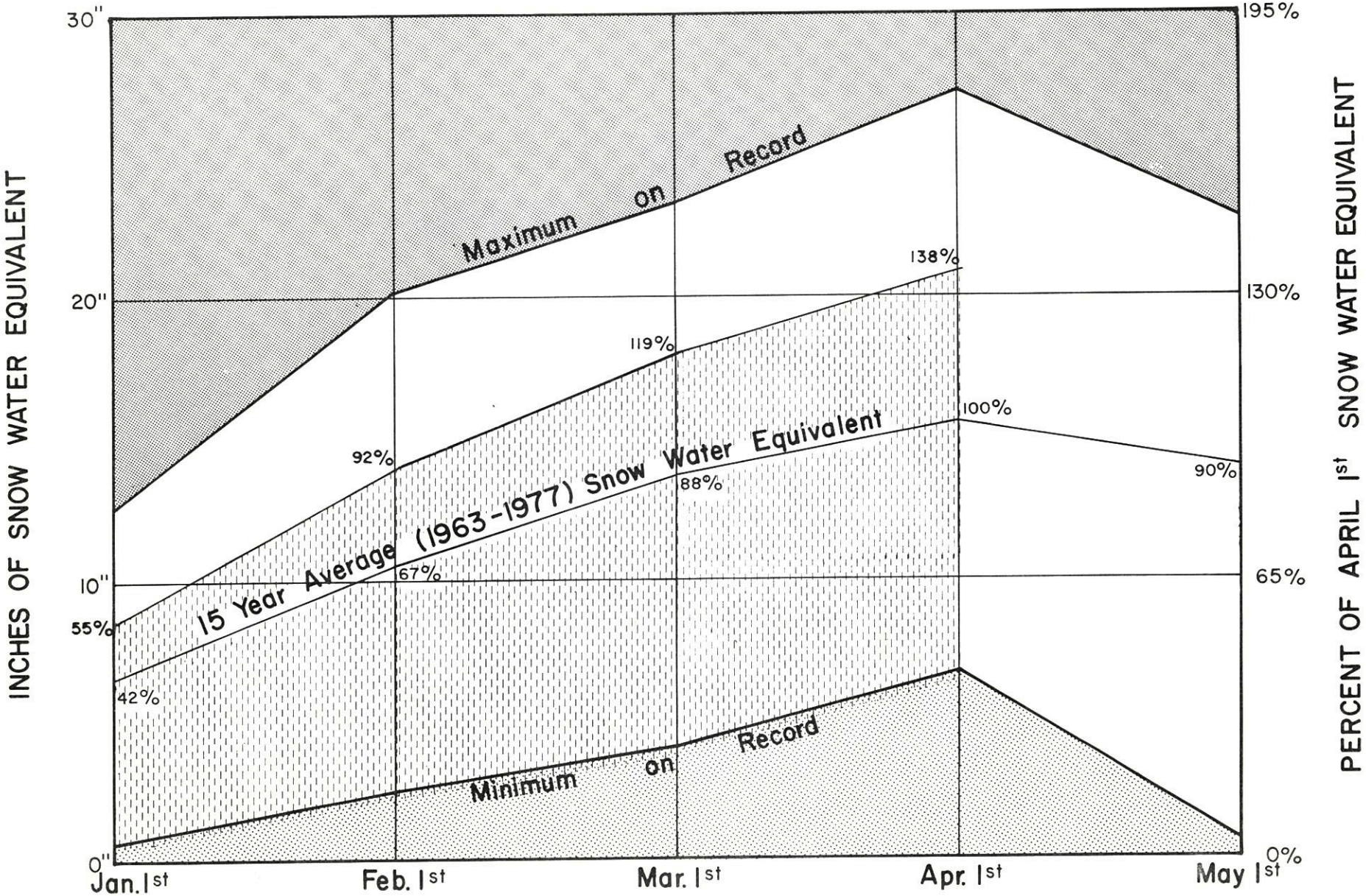
50 0 50 100
SCALE IN MILES



7-0-16150-L

UTAH'S WINTER SNOWPACK

Data based on 51 selected snow courses



1979 S pack

WATER SUPPLY OUTLOOK

as of
APRIL 1, 1979

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* * * * * * * * * * * * * * * * * * * * * * * * * * *
* Utah's 1979 water supplies will be near normal in  *
* northern Utah and better than twice average in the *
* southern part of the state. Reservoir storage at   *
* this time is 101% of average. Streamflow forecasts *
* for the April-July runoff period range from 310% for *
* Sevier River near Kingston to 77% at Chalk Creek near *
* Coalville.                                          *
* * * * * * * * * * * * * * * * * * * * * * * * * * *
```

SNOW COVER

Measurements taken early in April show conditions in northern Utah to be only average while southern Utah snow courses are nearly twice normal. Midway Valley on the Upper Sevier River drainage reported 43.2 inches of water, where the previous maximum was 42.0 inches in 1969. Numerous other southern locations are at new maximum levels. The Enterprise-New Harmony area has a 388% snowpack.

Northern Utah is not as fortunate, with the Upper Bear River at only 96% of average. Along the Wasatch Front there is a 110% snowpack this year.

PRECIPITATION

March precipitation amounts were variable over the state, but again southern Utah generally received amounts 1½ to 3 times normal. Northern Utah catches were all below average. Seasonal totals follow this same north-south trend.

SOIL MOISTURE

Watershed soils are near or at capacity in the south, with northern soils below average.

RESERVOIR STORAGE

Utah's 26 major reservoirs are at 101% of average at this time. Most facilities are above average except on the Sevier River and those in Uintah Basin.

STREAMFLOW FORECASTS

Forecasts image the snowpack and precipitation figures with the northern streams near average, and southern Utah streams well above average.

WATER SUPPLY OUTLOOK (continued)

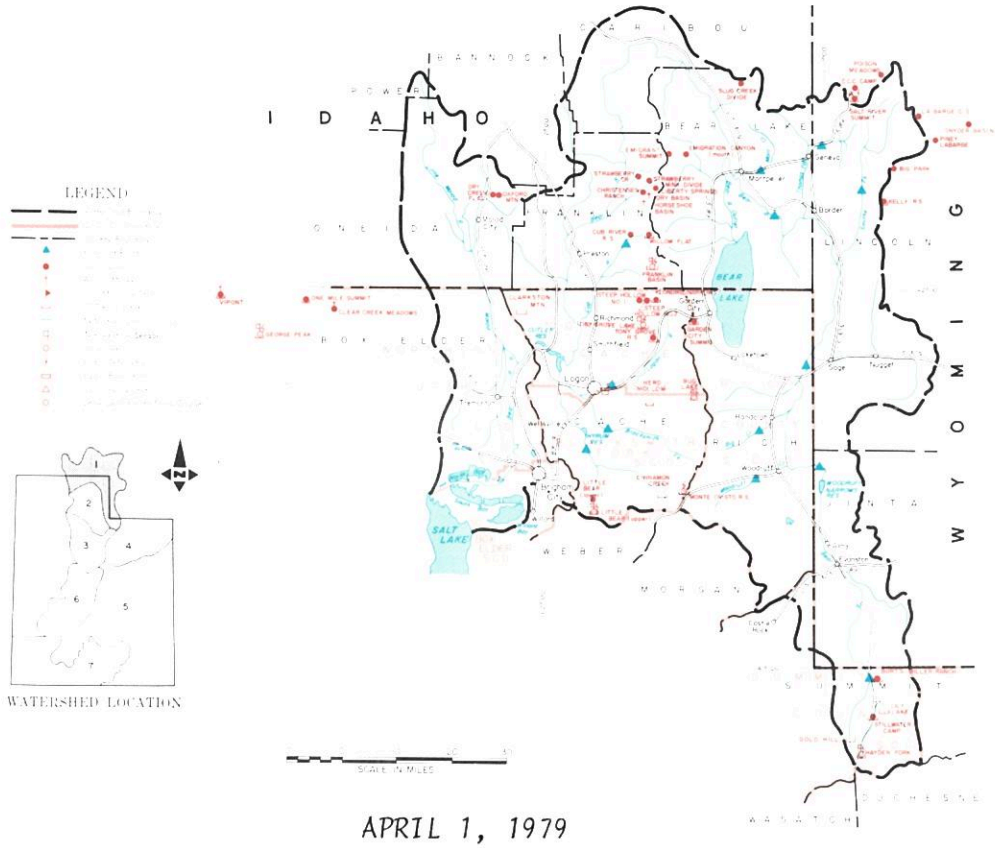
Representative forecasts in Utah are:

STREAM	PERIOD	FORECAST	% AVERAGE
Bear River at Utah-Wyoming SL	April-July	102	89
Logan near Logan	April-July	120	102
Weber near Oakley	April-June	90	87
Provo below Deer Creek Dam	April-July	140	117
Duchesne near Tabiona	April-July	115	107
Price near Heiner	April-July	90	141
Navajo Reservoir Inflow	April-July	1450	238
Sevier at Hatch	April-July	100	244
Beaver near Beaver	April-July	35	175
Lake Powell Inflow	April-July	11000	158

Peak flows in southern Utah streams have the potential for being well above normal. Timing and actual heights of peaks will be determined by temperatures and precipitation during the snow melt period.

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, 1979

THE WATER SUPPLY OUTLOOK IS NEAR AVERAGE

SNOW COVER is average within the drainage, with good low elevation snow still remaining.

PRECIPITATION during March, as measured at mountain stations was about half normal, however, seasonal totals are still average.

SOIL MOISTURE is improved from last month, but still below average.

RESERVOIR STORAGE is near average as of this time.

STREAMFLOW FORECASTS reflect the average snowpack figures, and range from 81% at Bear near Randolph to 102% for the Logan River near Logan. Peak flows on streams in the area are anticipated to be near average.

M7-OL-22027-1

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 2	PAST RECORD THOUSAND ACRE FEET Average +
BEAR RIVER					
Bear nr UT-Wyo. State Line	102	89	Apr-July	115	114
Bear nr Woodruff	129	87	Apr-July	125	148
Woodruff Crk nr Woodruff, UT	17.4	95	Apr-July	15.5	18.4b
Big Creek nr Randolph, Utah	5.3	106	Apr-July	--	5.0b
Bear nr Randolph	97	81	Apr-July	51	120
Thomas Fork nr UT-Wy State Ln	35	100	Apr-Sept	54	35
Smith's Fork nr Border, Wyo.	120	100	Apr-Sept	159	120
Bear at Harer, Idaho 1/	305	92	Apr-Sept	278	332
Logan nr Logan 1/	120	102	Apr-July	136	118
Blacksmith Fork nr Hyrum	50	93	Apr-July	50	54
Little Bear nr Paradise	38	100	Apr-June	25	38
Cub River nr Preston, ID	52	100	Apr-Sept	64	52

1 - Observed flow corrected for change in storage and diversions
2 - Provisional flows - Subject to correction
b - Average of all past record -less than 15 years

SUMMARY of SNOW MEASUREMENTS (COMPARISON WITH PREVIOUS YEARS)

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
BEAR RIVER	34	91	104
UPPER BEAR RIVER	9	79	96
LOWER BEAR RIVER	25	95	106
LOGAN RIVER	6	86	102
UPPER RAFT RIVER	3	133	138

RESERVOIR STORAGE (Thousand Acre Feet)

BASIN OR STREAM	RESERVOIR	Usable Capacity	USEABLE STORAGE This Year	USEABLE STORAGE Last Year	USEABLE STORAGE Average+
BEAR RIVER	Bear Lake	1421.0	1039.6	801.6	1039.5
	Woodruff Narrows	26.5	19.5	10.9	23.8
LITTLE BEAR	Hyrum	15.3	10.5	10.5	12.4
	Porcupine	11.3	5.4	6.1	5.2

+ - 1963-77 15 year Average Period
e - estimated

PEAK FLOWS

FORECAST POINT	PEAK FLOW (SECOND FEET) Forecast Range	PEAK FLOW (SECOND FEET) Average +
Big Creek nr Randolph	50-90	--
Logan River nr Logan	850-1100	1016
Woodruff Creek nr Woodruff	250-400	267
Little Bear nr Paradise	250-400	517

SNOW

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 +
Burts-Miller Ranch	4/6	16	5.3	5.1	6.1
Cub River R.S.	4/5	24	9.8	3.2	6.9
Emigrant Summit	3/28	68	23.7	28.9	26.0
Franklin Basin	4/5	73	27.8	33.1	28.2
Hayden Fork	4/6	54	17.5	17.2	15.9
Klondike Narrows	4/5	55	20.7	22.8	20.7

SNOW

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 +
Little Bear Lower	3/26	32	11.7	8.3	9.9
Little Bear Upper	3/26	43	16.0	11.4	12.9
Monte Cristo	3/26	61	24.7	27.7	25.9
Salt River Summit	3/29	53	18.4	21.6	16.9
Stillwater Camp	4/6	36	10.7	11.8	11.3b
Tony Grove R.S.	4/5	39	14.6	12.3	11.9

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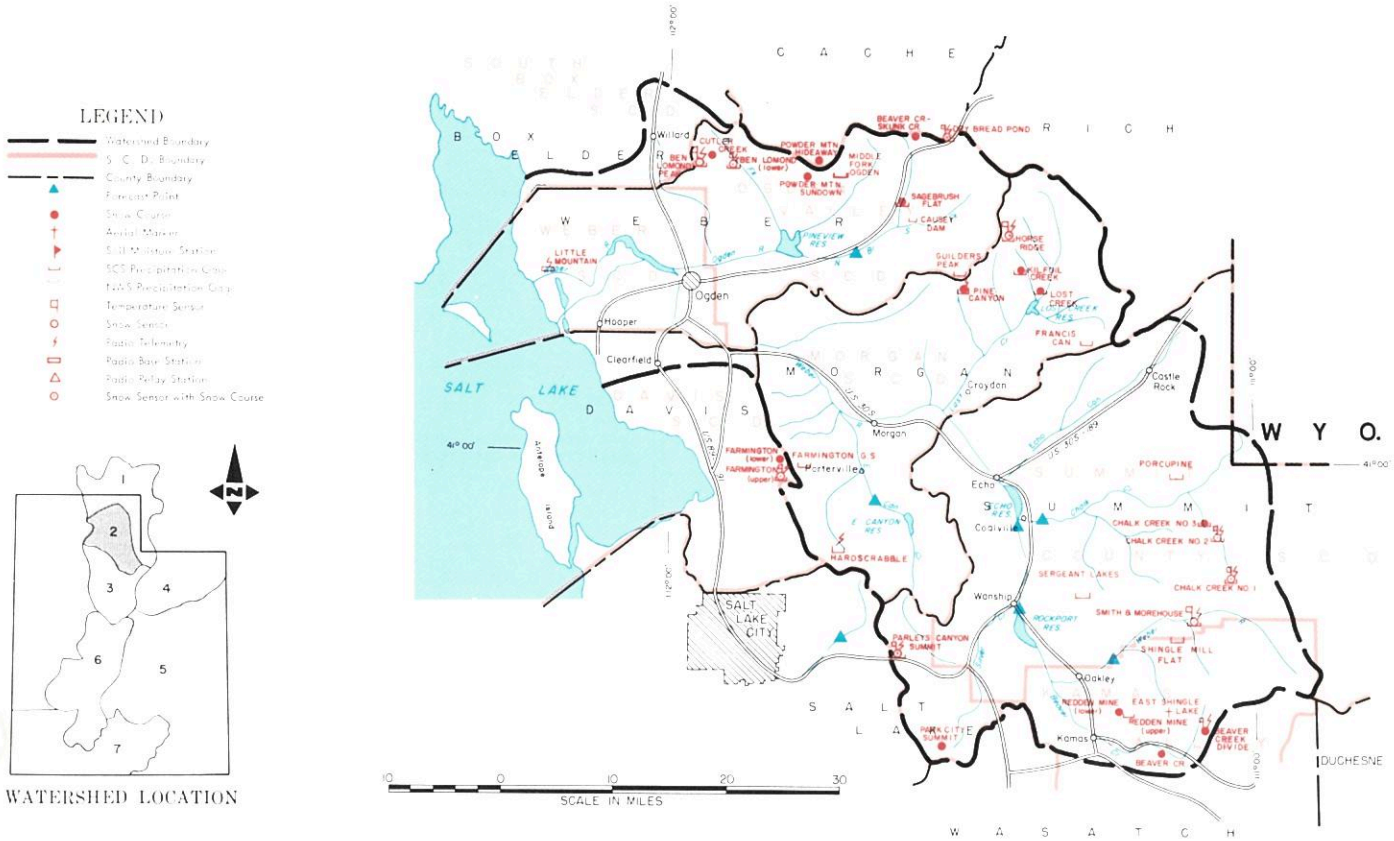
WATER SUPPLY OUTLOOK

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, 1979

WATER SUPPLIES WILL BE NEAR AVERAGE

SNOW COVER is near normal, with a slight percentage drop from earlier March 1 survey data.

PRECIPITATION totals for March were below average at mountain stations, with little recorded until near the months' end.

SOIL MOISTURE is near average, with low elevation soils at capacity.

RESERVOIR STORAGE is above average for this date, with some basin reservoirs releasing water in anticipation of spring melt.

STREAMFLOW FORECASTS remain near average with only slight adjustment since March 1. The Weber is forecast at 87% near Oakley, while Pineview Reservoir Inflow is predicted at 109% of average.

M7-OL-22027-2
USDA-SCS-FOR-SAND LAKE, 1979

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	THIS YEAR FORECAST PERIOD	PAST RECORD THOUSAND ACRE FEET Last Year[3]	PAST RECORD THOUSAND ACRE FEET Average +
WEBER-OGDEN RIVERS					
Weber nr Oakley	90	87	Apr-June	121	104
Rockport Reservoir Inflow[1]	95	85	Apr-June	--	112
Chalk Creek at Coalville	30	77	Apr-June	37	39
Weber nr Coalville	100	81	Apr-June	--	123
Lost Creek nr Croydon, Utah	22	126	Apr-June	--	17.4[b]
East Canyon Creek nr Morgan[1]	26	100	Apr-June	--	26
Hardscrabble Crk nr Porterville	19.0	102	Apr-June	--	18.6[e]
South Fork Ogden nr Huntsville	61	107	Apr-June	62	57
Pineview Reservoir Inflow[2]	125	109	Apr-June	136	115
Weber at Gateway	264	86	Apr-June	- -	308
JORDAN RIVER & SALT LAKE					
Farmington Crk nr Farmington	9.0	111	Apr-July	--	8.1[b]

1 - Observed flow corrected for change in storage and diversions
2 - Inflow record as computed by U.S. Bureau of Reclamation
3 - Provisional flows - Subject to Correction
b - Average of all past record - less than 15 years
+ - 1963-77 15 Year Average Period

SUMMARY of SNOW MEASUREMENTS (COMPARISON WITH PREVIOUS YEARS)

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	5	92	121
WEBER RIVER	6	96	108

RESERVOIR STORAGE (Thousand Acre Feet)

BASIN OR STREAM	RESERVOIR	Usable Capacity	USEABLE STORAGE This Year	USEABLE STORAGE Last Year	USEABLE STORAGE Average +
OGDEN	Causey	6.9	2.0	3.8	2.5
	Pineview	110.1	59.7	65.0	55.8
WEBER	East Canyon	48.1	41.3	24.5	29.0
	Echo	73.9	59.8	51.0	50.7
	Lost Creek	20.0	14.8	11.2	13.1
	Rockport	60.9	34.5	36.7	32.5
	Willard Bay	193.3	159.6	151.4	145.6

PEAK FLOWS

FORECAST POINT	PEAK FLOW (SECOND FEET) Forecast Range	PEAK FLOW (SECOND FEET) Average +
South Fork Ogden nr Huntsville	500-700	772
Chalk Creek nr Coalville	150-350	--

SNOW

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 +
Beaver Creek R.S.	4/7	14	5.8	7.8	7.2
Beaver Creek-Skunk Creek	3/26	35	14.5	14.1	12.0
Ben Lomond Peak	3/26	113	45.3	50.6	34.1
Ben Lomond Trail	3/26	72	27.7	- -	16.2b
Chalk Creek #1	4/6	64	19.9	23.7	22.4
Chalk Creek #2	4/6	49	14.7	14.2	15.6
Chalk Creek #3	4/6	21	6.8	6.0	7.5
Dry Bread Pond	3/26	55	20.6	23.3	18.9

SNOW

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 +
Horse Ridge	3/26	57	23.1	22.0	21.9b
Lost Creek Reservoir	3/26	17	6.4	0.0	2.0b
Monte Cristo	3/26	61	24.7	27.7	25.9
Parleys Canyon Summit	3/29	53	17.8	22.2	18.5
Sagebrush Flat	3/26	2	0.7	0.0	2.0
Smith & Morehouse	4/6	39	14.7	14.0	12.9
Trial Lake	4/1	81e	27.0e	27.4	23.5

e - estimated

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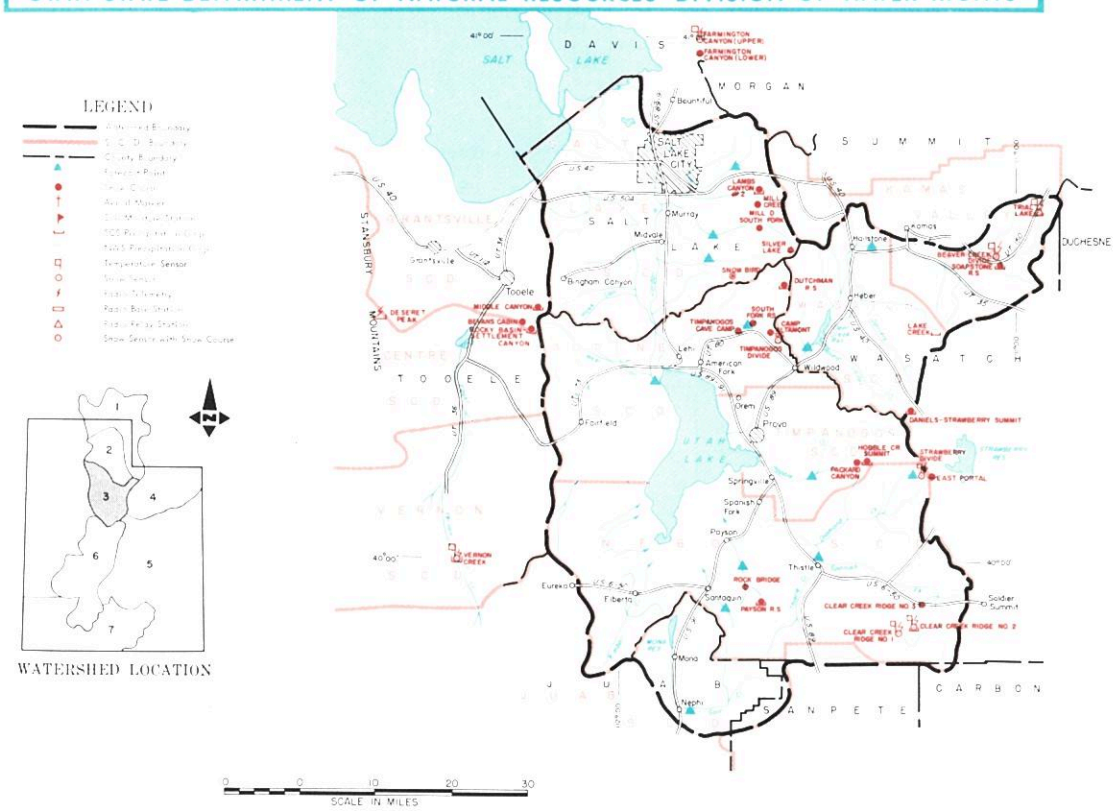
WATER SUPPLY OUTLOOK
UTAH LAKE, JORDAN RIVER and TOOELE VALLEY WATERSHEDS in UTAH

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



APRIL 1, 1979

WATER SUPPLIES IN THIS AREA WILL BE AVERAGE

SNOW COVER remains above average again this month, with some improvement around Utah Lake. The Upper Provo River system is just at normal levels.

PRECIPITATION totals for March as measured at mountain stations are near normal. Seasonal totals are slightly above normal.

SOIL MOISTURE is average at this point in the year.

RESERVOIR STORAGE is above average again this month, with only Deer Creek below its April 1 average usable storage.

STREAMFLOW FORECASTS are still near average this month with only slight adjustments. The Provo at Hailstone is forecast at 108%, and Utah Lake 113% of average. Peak flows are anticipated to be near normal levels.

M7-OL-22027-3
USDA-SCS-PORTLAND, OR. 1979

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 2	PAST RECORD THOUSAND ACRE FEET Average †
PROVO RIVER AND UTAH LAKE					
Provo nr Hailstone 1	110	108	Apr-July	- -	109
Provo below Deer Creek Dam1	140	117	Apr-July	- -	122
American Fork nr American Fork	35	113	Apr-July	37	31
Hobble Creek or Springville	25	127	Apr-July	- -	19.7b
Strawberry Reservoir Inflow1	65	125	Apr-July	67	52
Spanish Fork at Thistle	45	115	Apr-July	- -	39b
Payson Creek nr Payson	7.0	111	Apr-July	- -	63
Utah Lake Inflow	275	113	Apr-July	- -	244
JORDAN RIVER & SALT LAKE					
Little Cottonwood Crk nr SLC	37	97	Apr-July	- -	38
Big Cottonwood nr SLC	41	108	Apr-July	42	38
Parley's Creek nr SLC	15.0	97	Apr-July	- -	15.4
Mill Creek nr SLC	7.0	111	Apr-July	- -	8.8
Emigration Creek nr SLC	3.5	88	Apr-July	- -	4.9
City Creek nr SLC	7.2	90	Apr-July	- -	10.7
TOOELE VALLEY					
Vernon Creek nr Vernon	1.4	140	Mar-July	- -	1.0
Settlement Crk nr Tooele	2.6	- -	Apr-July	- -	- -

SUMMARY of SNOW MEASUREMENTS (COMPARISON WITH PREVIOUS YEARS)

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	103	146
JORDAN RIVER & SALT LAKE	6	97	110
TOOELE VALLEY	3	99	107

1 - Observed flow corrected for change in storage and diversions
2 - Provisional flows - Subject to correction
+ - 1963-77 15 Year Average Period
b - less than 15 years in average period

RESERVOIR STORAGE (Thousand Acre Feet)

BASIN OR STREAM	RESERVOIR	Usable Capacity	USEABLE STORAGE This Year	USEABLE STORAGE Last Year	USEABLE STORAGE Average†
SPANISH FORK	Strawberry	270.0	167.8	147.2	156.9
UTAH LAKE	Utah Lake	883.9	857.8	738.0	752.0
	Settlement Creek	1.2	0.7	0.5	--
	Vernon Creek	0.6	0.6	0.6	--
PROVO	Deer Creek	149.7	84.8	81.8	108.7

PEAK FLOWS

FORECAST POINT	PEAK FLOW (SECOND FEET) Forecast Range	PEAK FLOW (SECOND FEET) Average †
Hobble Creek nr Springville	150-250	260b
Spanish Fork nr Thistle	450-650	482b
Big Cottonwood nr Salt Lake City	400-550	--

SNOW

DRAINAGE BASIN and or SNOW COURSE NAME	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 †
Bevans Cabin	3/31	40	10.1	8.5	11.5
Camp Altamont	3/31	58	23.6	21.7	13.4
Clear Creek #1	4/5	62	22.8	23.8	18.2
Clear Creek #2	4/5	52	17.0	15.8	13.6
Clear Creek #3	4/5	18	6.9	5.9	5.2
Daniels-Strawberry Summit	4/5	49	18.2	19.8	13.7
Deseret Peak	3/28	86	30.0	30.5	- -
Dutchman R.S.	3/31	61	22.2	25.5	15.4
Hobble Creek Summit	4/5	56	21.8	20.2	12.9
Lambs Canyon #2	3/29	43	14.6	18.0	- -
Middle Canyon	3/31	53	16 9	13.0	14.1
Mill Creek	3/30	54	17.6	22.1	- -

SNOW

DRAINAGE BASIN and or SNOW COURSE NAME	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 †
Mill D South Fork	3/30	50	18.4	20.4	19.9
Parleys Canyon Summit	3/29	53	17.8	22.2	18.5
Payson R.S.	4/4	65	22.7	24.4	18.4
Rocky Basin-Settlement Canyon	3/28	79	29.2	35.0	27.1
Silver Lake Brighton	3/30	84	28.0	28.7	24.9
Soapstone R.S.	4/7	31	12.4	13.2	11.6
South Fork R.S.	3/30	28	11.4	5.9	3.2
Timpanogos Divide	3/31	82	31.4	33.0	23.5
Trial Lake	4/1	81e	27.0e	27.4	23.5
Vernon Creek	3/26	54	17.4	18.2	11.2a

a - Partly Estimated
e - estimated

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WATER SUPPLY OUTLOOK

UINTAH BASIN and DAGGETT SCD's in UTAH

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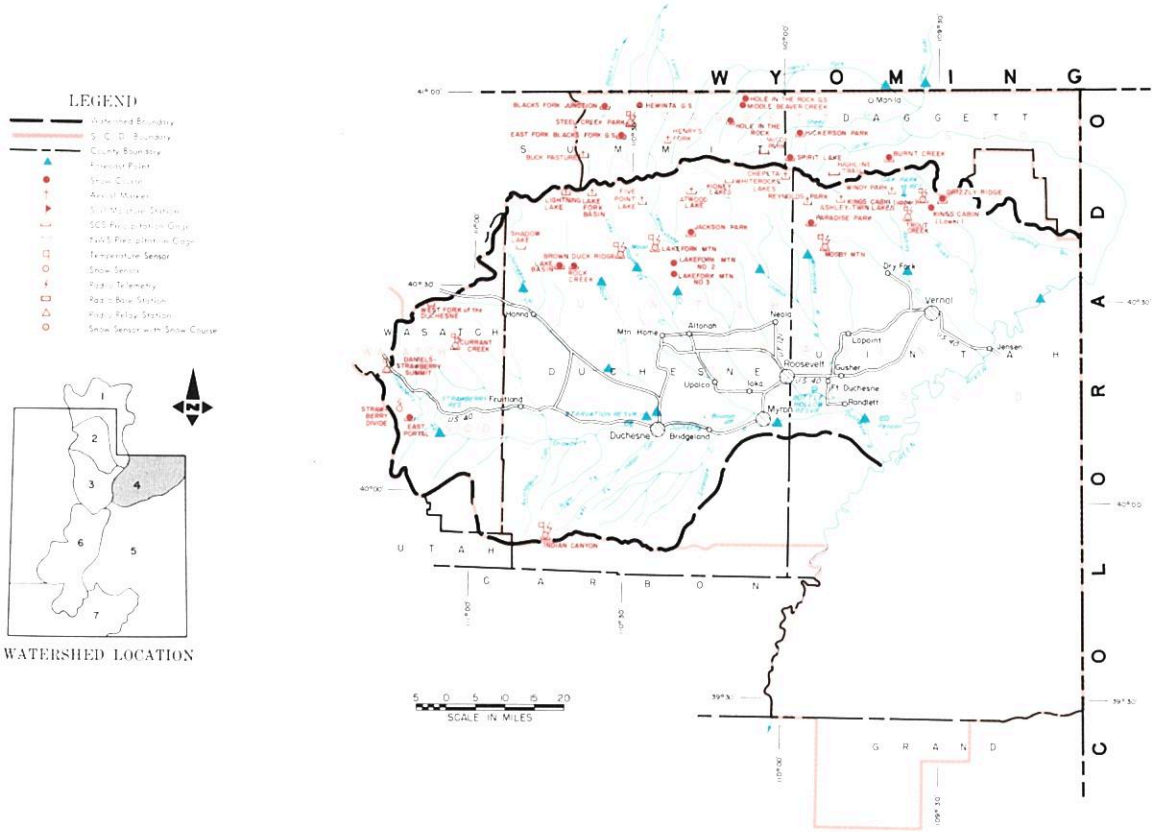

APRIL 1, 1979

NEAR NORMAL WATER SUPPLIES ARE EXPECTED

SNOW COVER on the south slope of the Uintahs shows only slight improvement from earlier survey data, and now stands at 144% of average.

PRECIPITATION at mountain locations showed near normal March amounts, with seasonal totals also near normal levels.

SOIL MOISTURE is near average in most profiles.

RESERVOIR STORAGE is still below average at this time. Moon Lake is estimated to contain 9,000 acre feet or 46% of its April 1 average.

STREAMFLOW FORECASTS remain near average again this month. Some improvement is seen for the Strawberry River, now forecast at 132% of normal. Currant Creek is expected to run 125%, and Duchesne at Duchesne 106%. Peak flows this season will be in the normal range.

M7-OL-22027-4
USDA-SCS-PORTLAND, OR 1978

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 2	PAST RECORD THOUSAND ACRE FEET Average †
DUCHESNE RIVER					
Duchesne nr Tabiona[1]	115	107	Apr-July	- -	107
Duchesne at Duchesne[1]	204	106	Apr-July	- -	193
Strawberry at Duchesne	75	132	Apr-July	- -	57
Rock Creek nr Mtn. Home	110	116	Apr-July	116	95
Currant Creek nr Fruitland	25	125	Apr-July	19.0	20
Lakefork below Moon Lake[1]	77	107	Apr-July	70	72
Yellowstone nr Altonah	72	107	Apr-July	- -	67
Duchesne at Myton[1]	280	133	Apr-July	134	210
Whiterocks nr Whiterock	67	112	Apr-July	49	60
Uintah nr Neola	90	101	Apr-July	72	89
Duchesne at Randlett[1]	330	124	Apr-July	- -	266
West Fork Duchesne at Hanna	28	108	Apr-July	- -	26
FLAMING GORGE TO DUCHESNE RIVER					
Henry's Fork at Linwood	49	91	Apr-Sept	- -	54
Black's Fork at Millburne	88	96	Apr-July	- -	92
Flaming Gorge Inflow[1]	1270	98	Apr-July	1470	1292
Ashley Creek nr Vernal	62	122	Apr-July	37	51

SUMMARY of SNOW MEASUREMENTS (COMPARISON WITH PREVIOUS YEARS)

RIVER BASIN and/or SUB-WATERSHED	Number of Years Average	THIS YEAR AS A PERCENT OF Last Year	THIS YEAR AS A PERCENT OF Average
DUCHESNE RIVER - TOTAL	12	108	144
LAKEFORK-YELLOWSTONE CREEKS	4	98	123
STRAWBERRY RIVER	3	99	140
UINTAH - WHITEROCKS RIVERS	2	137	182
ASHLEY CREEK	1	123	158
BLACK'S FORK	4	109	120

1 - Observed flow corrected for change in storage and diversions
2 - Provisional flows - Subject to correction

RESERVOIR STORAGE (Thousand Acre Feet)

BASIN OR STREAM	RESERVOIR	Usable Capacity	USEABLE STORAGE This Year	USEABLE STORAGE Last Year	USEABLE STORAGE Average †
ASHLEY CREEK	Steinaker	33.3	13.7	8.8	23.4
GREEN RIVER	Flaming Gorge	3749.0	2471.6	1998.0	- -
LAKE FORK	Moon Lake	35.8	9.0e	13.3	19.6
STRAWBERRY	Starvation	165.3	122.8	147.2	127.6
UINTAH	Bottle Hollow	11.3	9.9	10.2	10.6

PEAK FLOWS

FORECAST POINT	PEAK FLOW (SECOND FEET) Forecast Range	PEAK FLOW (SECOND FEET) Average †
Strawberry at Duchesne	750-1200	656
Ashley Creek nr Vernal	500-1000	1030

SNOW 1963-77 15 Year Average Period

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 †
Brown Duck Ridge	4/1	73e	22.0e	21.4	17.4a
Currant Creek	4/5	36	14.3	12.1	7.7
Daniels-Strawberry	4/5	49	18.2	19.8	13.7
Hewinta G.S.	4/7	36	12.0	9.3	9.4
Hickerson Park	4/7	17	5.7	6.2	5.9b
Hole-in-the-Rock	4/6	27	7.1	- -	5.0
Hole-in-the-Rock G.S.	4/6	16	5.6	- -	1.4
Jackson Park	4/1	48e	13.8e	15.1	11.5b
Kings Cabin Upper	4/7	46	15.5	12.6	9.8

SNOW

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 †
Lakefork Mountain	4/1	44e	12.7e	11.8	10.6
Mosby Mountain	4/7	54	15.7	11.8	8.6
Paradise Park	4/1	74e	21.5e	15.4	11.8
Rock Creek Ranch	4/9	22	7.3	8.6	5.8
Spirit Lake	4/6	54	18.0	10.8	12.1
Steel Creek Park	4/6	51	17.0	17.4	15.6
Strawberry Divide	3/29	73	23.2	24.4	18.5
Trout Creek	4/7	50	16.7	10.6	- -

e = estimated

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

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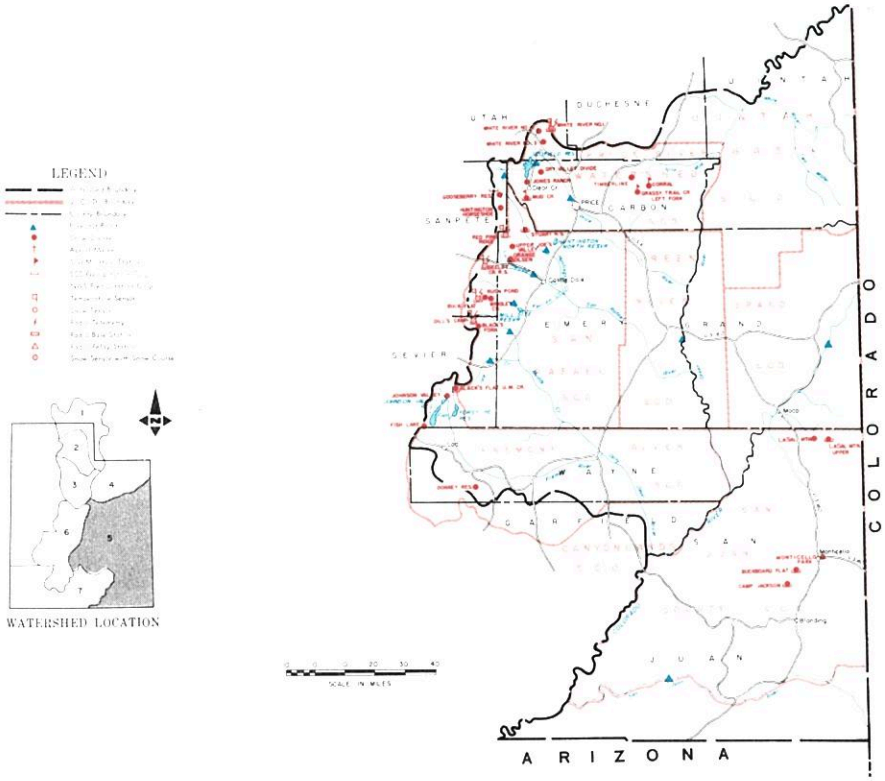
UTAH STATE DEPARTMENT OF NATURAL RESOURCES - DIVISION OF WATER RIGHTS



APRIL 1, 1979

WATER SUPPLIES SHOULD BE ABOVE AVERAGE

SNOW COVER through this area is well above average. The Blue Mountains above Monticello have a 247% snowpack.

PRECIPITATION at mountain stations indicate a scattered intensity pattern, with some locations showing two times normal monthly catches, with others at half normal.

SOIL MOISTURE in most profiles are at capacity.

RESERVOIR STORAGE is again above average this month. Scofield contains 42,500 acre feet.

STREAMFLOW FORECASTS again reflect the excellent snowpack conditions, and range from 158% on the Muddy to 130% on Cottonwood Creek. Peak flows should pose no problems if near normal weather conditions prevail.

M7-OL-22027-5

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 2	PAST RECORD THOUSAND ACRE FEET Average +
PRICE RIVER					
Gooseberry Crk nr Scofield	14.0	139	Apr-July	- -	10.1
Scofield Reservoir Inflow	52	145	Apr-July	- -	36
Price nr Heiner[1]	90	141	Apr-July	- -	64
SAN RAFAEL RIVER					
Huntington Crk nr Huntington	69	150	Apr-July	66	49[b]
Cottonwood Crk nr Orangeville	57	130	Apr-July	- -	44[b]
Ferron Creek nr Ferron	50	148	Apr-July	- -	34
MUDDY CREEK					
Muddy Creek nr Emery	26	158	Apr-July	- -	16.8
UPPER COLORADO BASIN					
Colorado nr Cisco, Utah	4900	180	Apr-July	3884	2716
Green at Green River, Utah	3500	118	Apr-July	3560	2975
Mill Creek nr Moab	8.5	167	Apr-July	- -	5.1[b]
Navajo Reservoir Inflow	1450	238	Apr-July	- -	608
San Juan nr Bluff, Utah	2000	231	Apr-July	870	865
FREMONT RIVER					
Seven Mile Crk nr Fish Lake	9.2	144	Apr-July	- -	6.4

SUMMARY of SNOW MEASUREMENTS (COMPARISON WITH PREVIOUS YEARS)

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	3	96	144
SAN RAFAEL RIVER	7	88	138
FREMONT RIVER	3	98	169
LASAL MOUNTAINS	2	100	169
BLUE MOUNTAINS	2	167	247
MUDDY RIVER	2	72	126

1 - Observed flow corrected for change in storage and diversions
2 - Provisional flows - Subject to correction

RESERVOIR STORAGE (Thousand Acre Feet)

BASIN OR STREAM	RESERVOIR	Usable Capacity	USEABLE STORAGE This Year	USEABLE STORAGE Last Year	USEABLE STORAGE Average +
PRICE RIVER	Scofield	65.8	42.5	19.7	36.8
SAN RAFAEL	Huntington North	3.9	2.5	3.9	3.6
	Joe's Valley	54.6	39.2	35.1	38.0
	Mill Site	16.7	6.8	2.0	--
SAN JUAN	Navajo	1696.0	1185.0	960.7	--

+ - 1963-77 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	550-750	422
Muddy Creek near Emery	150-250	154

SNOW

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 +
Buck Flat	4/5	70	23.0	24.4	15.4
Buckboard Flat	3/30	81	27.6	14.8	11.7
Camp Jackson	3/30	81	28.0	18.5	10.8
Dills Camp	4/5	52	14.6	20.3	11.4
Dry Valley Divide Alternate	4/5	40	15.4	- -	- -
Huntington-Horseshoe	4/2	86	28.8	35.8	22.7

SNOW

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 +
Mammoth-Cottonwood R.S.	4/2	78	27.0	29.4	20.3
Monticello City Park	3/30	0	0.0	0.0	- -
Mud Creek	4/3	61	17.1	16.3	12.3
Seeley Creek	4/4	67	19.1	24.9	16.0
White River #1	4/5	59	18.8	17.7	12.8
White River #3	4/3	27	9.1	12.8	6.1

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WATER SUPPLY OUTLOOK

SEVIER RIVER BASIN including BEAVER RIVER in UTAH

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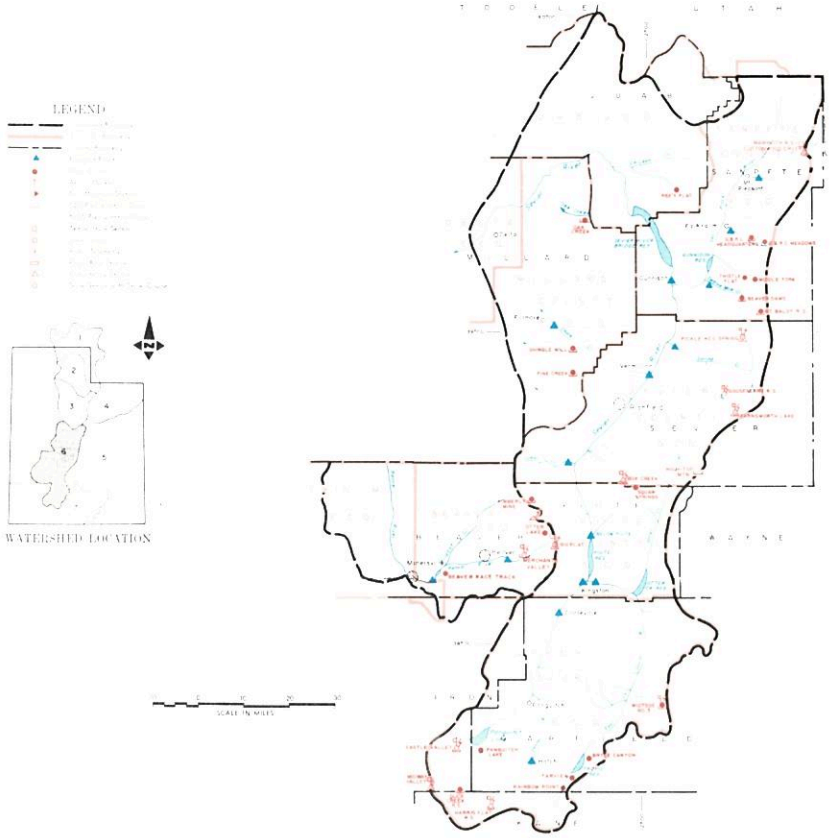

APRIL 1, 1979

ABOVE AVERAGE WATER SUPPLIES WILL BE AVAILABLE

SNOW COVER on the upper reaches of the river is excellent. Twice normal water contents are common on snow courses within the area.

PRECIPITATION at mountain stations shows near normal March accumulations at most locations. Duck Creek R.S. recorded 5.20 inches for 159% of average.

SOIL MOISTURE is above average on the Upper Sevier. Lower Sevier soils are not fully recharged.

RESERVOIR STORAGE in the four major Sevier Reservoirs is 76% of their April 1 average. Sevier Bridge is not expected to fill.

STREAMFLOW FORECASTS throughout the basin reflect the above normal snowpack and fall precipitation amounts. Forecasts range from 310% for Sevier near Kingston to 115% for Oak Creek near Oak City. Peak flows will be higher than normal, and preparation should be made to protect low lying properties.

USDA,SCS-PORTLAND OR 1977 M7-OL-22027-6

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[2]	PAST RECORD THOUSAND ACRE FEET Average †
SEVIER RIVER					
Sevier at Hatch	100	244	Apr-July	51	41
Sevier nr Circleville	80	276	Apr-July	--	29
Sevier nr Kingston	70	310	Apr-July	--	22
Antimony Crk nr Antimony	17.5	254	Apr-July	--	6.9
East Fork Sevier nr Kingston[1]	47	306	Apr-July	--	15.4
Sevier below Piute Dam	110	306	Apr-July	--	36
Clear Crk nr Sevier (abv Div)	34	191	Apr-July	25	17.8
Inflow					
Kingston to Vermillion Dam	110	196	Apr-June	--	56
Vermillion Dam to Gunnison	57	165	Mar-June	--	35
Salina Creek at Salina	18.7	168	Apr-June	12.8	11.1
Sevier nr Gunnison	82	164	Apr-July	35	50
Chalk Creek nr Fillmore	18.0	116	Apr-July	--	15.5b
Chicken Creek nr Levan	3.8	123	Apr-July	--	3.1
Oak Cr. nr Oak City	1.6	115	Apr-July	--	1.4
SAN PITCH RIVER					
Ephraim Creek nr Ephraim	25	172	Apr-July	--	14.5
Pleasant Crk nr Mt. Pleasant	12.9	150	Apr-July	--	8.6
BEAVER RIVER					
Beaver nr Beaver	35	175	Apr-July	37	20
North Creek (Combined)	20	164	Apr-July	--	12.2b
Minersville Reservoir Inflow[1]	20	303	Apr-July	--	6.6

SUMMARY of SNOW MEASUREMENTS (COMPARISON WITH PREVIOUS YEARS)

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	10	135	213
East Fork Sevier	4	148	203
South Fork Sevier	5	136	245
LOWER SEVIER	12	86	125
BEAVER RIVER	3	91	181

1 - Observed flow corrected for change in storage and diversions
2 - Provisional flows - Subject to correction

RESERVOIR STORAGE (Thousand Acre Feet)

BASIN OR STREAM	RESERVOIR	Usable Capacity	USEABLE STORAGE This Year	USEABLE STORAGE Last Year	USEABLE STORAGE Average †
SEVIER RIVER	Gunnison	18.2	18.1	9.1e	16.5
	Otter Creek	52.5	31.5	37.3	37.3
	Piute	71.8	34.8	24.0	49.9
	Sevier Bridge	236.0	106.0	97.8	146.8
BEAVER RIVER	Minersville (Rky Fd)	23.3	15.9	7.9	14.9

b - Average of all past record - less than 15 years
† - 1963-77 15 Year Average Period
e - Estimated

PEAK FLOWS

FORECAST POINT	PEAK FLOW (CUBIC FEET) Forecast Range	PEAK FLOW (CUBIC FEET) Average †
Sevier River at Hatch	800-1200	428
Sevier River nr Kingston	700-1000	300
Clear Creek nr Sevier	350-450	---
Salina Creek nr Salina	700-900	---
Beaver River nr Beaver	350-550	211

SNOW

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 †
Big Flat	3/26	83	27.7	29.2	16.1
Bryce Canyon	3/28	48	10.8	2.8	3.1
Castle Valley	3/26	60	21.2	15.9	11.3
Duck Creek	4/3	87	29.4	22.8	11.5
Farnsworth Lake	3/26	58	19.0	23.1	19.5
Gooseberry R.S.	3/26	35	11.8	15.0	12.0

SNOW

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 †
Harris Flat	4/3	65	23.0	15.6	6.5
Kimberly Mine	3/26	65	20.4	19.5	15.8
Long Valley Juction	4/3	37	13.6	5.0	2.7
Merchants Valley Upper	3/26	51	17.4	22.6	9.7b
Midway Valley	4/3	126	43.2	32.4	20.1
Otter Lake	3/26	70	24.0	24.1	12.3
Pickle Keg Springs	3/29	49	17.0	25.9	16.1b
Widtsoe-Escalante #3	4/4	78	24.0	15.6	9.9

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WATER SUPPLY OUTLOOK

EAST GARFIELD, KANE, WASHINGTON and IRON COUNTIES in UTAH

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APRIL 1, 1979

MORE THAN ADEQUATE WATER SUPPLIES WILL BE AVAILABLE

SNOW COVER figures again this month are impressive, 388% of average on the Enterprise-New Harmony drainage and 238% on Coal Creek above Cedar City.

PRECIPITATION at mountain locations for March ranged from 308% at Little Grassy, to 70% at Yankee Reservoir. Seasonal accumulations are well above average this year.

SOIL MOISTURE is above average, with most lower elevation soils at capacity.

RESERVOIR STORAGE is above average, with some facilities spilling water.

STREAMFLOW FORECASTS are again above average, with significant period flows expected this year. Peak flows may pose some hazard depending on weather conditions during the melt period.

USDA-SCS-PORTLAND, UT. 1979 M7-OL-22027-7

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 2	PAST RECORD THOUSAND ACRE FEET Average †
VIRGIN RIVER					
Virgin nr Hurricane	117	245	Apr-June	--	48.5
Santa Clara nr Pine Valley	10.5	256	Apr-June	9.9	4.1
COAL CREEK					
Coal Creek nr Cedar City	38	228	Apr-July	--	17.0
UPPER COLORADO					
Lake Powell Inflow	11000	158	Apr-July	--	6952

2 - Provisional Flows - Subject to correction

SUMMARY of SNOW MEASUREMENTS (COMPARISON WITH PREVIOUS YEARS)

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	129	238
VIRGIN RIVER	3	129	237
PAROWAN CREEK	4	139	167
ENTERPRISE - NEW HARMONY	2	393	388

RESERVOIR STORAGE (Thousand Acre Feet)

BASIN OR STREAM	RESERVOIR	Usable Capacity	USEABLE STORAGE This Year	USEABLE STORAGE Last Year	USEABLE STORAGE Average †
COLORADO	Lake Powell	25002.0	15946.0	14528.0	---
	Blue Mesa	829.5	311.5	247.1	---

b - Average of all past record - less than 15 years
† - 1963-77 15 year Average Period

PEAK FLOWS

FORECAST POINT	PEAK FLOW (SECOND FEET) Forecast Range	PEAK FLOW (SECOND FEET) Average †
Coal Creek nr Cedar City	1000-1400	269
Virgin nr Hurricane	1350-1800	---

SNOW

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 †
Birch Crossing	4/4	38	13.5	5.0	5.3b
Brian Head	3/26	85	30.0	25.7	19.9b
Harris Flat	4/3	65	23.0	15.6	6.5
Kolob-Crystal	4/5	120	45.0	36.1	21.8a
Little Grassy	4/5	28	13.7	0.0	2.0
Long Flat	4/5	44	15.4	7.4	5.5

SNOW

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 †
Long Valley Junction	4/3	37	13.6	5.0	2.7
SUSC Ranch	4/3	57	19.8	12.0	6.1b
Tall Poles	4/4	71	21.2	16.5	13.8b
Webster Flat	4/3	102	36.6	32.6	15.7
Yankee Reservoir	3/26	47	15.2	10.4	9.0

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

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE, $300

FEDERAL - STATE - PRIVATE
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

POSTAGE AND FEES PAID
U. S. DEPARTMENT OF
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AGR-101

U.S.MAIL

FIRST CLASS MAIL

"The Conservation of Water begins with the Snow Survey"

SNOW	THIS YEAR			PAST RECORD		PRECIPITATION (Inches)					
				Water Content (inches)		CURRENT INFORMATION			FROM APRIL 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 Hayden, Idaho)											
Big Park	3/30	57	17.2	25.8	21.2						
Burts-Miller Ranch	4/6	16	5.3	5.1	6.1	4/6	1.43	- -	7.20	12.00b	60
CCC Camp	3/29	40	13.4	16.4	13.4						
Hayden Fork	4/6	54	17.5	17.2	15.9	4/6	3.80	- -	19.93	20.06b	99
Kelly R.S.	3/30	59	18.8	25.4	18.3						
Monte Cristo R.S.	3/26	61	24.7	27.7	25.9	3/26	2.39a	4.68	25.62	25.95	99
Poison Meadows	3/30	79	26.2	38.8	30.2						
Salt River Summit	3/29	53	18.4	21.6	16.9	3/29	1.57	2.97	15.88	17.23	92
Snider Basin	3/30	49	17.4	22.4	17.4						
Stillwater Camp	4/6	36	10.7	11.8	11.3b	4/6	2.07	- -	10.85	12.39	88
LOWER BEAR RIVER (Above Hyrum, Idaho)											
Bear Lake	3/26	56	21.4	20.5	20.7a						
Christensen Ranch	3/27	26	9.6	5.0	7.6						
Cobb Canyon	3/27	31	11.0	9.5	- -						
Cub River R.S.	4/5	24	9.8	3.2	6.9						
Forbes Creek	3/27	20	6.6	3.2	- -						
Fish Basin	4/5	84	30.0	36.9	36.2						
Fish Creek Flat	3/27	12	7.6	1.7	5.3						
Fremont Summit	3/28	69	23.7	28.9	26.0						
Generation Canyon	3/28	35	11.3	10.8	11.1						
Franklin Basin	4/5	73	27.8	33.1	28.2						
Garden City Summit	3/26	53	20.3	19.4	18.5	3/26	1.11	3.45	19.72	19.23	100
Horseshoe Basin	4/5	76	29.8	35.4	25.6						
Keetley Narrows	4/5	53	20.7	22.8	20.7	4/5	2.39	- -	17.49	- -	- -
Liberty Springs	4/5	110	40.4	50.4	39.8						
Little Bear (Lower)	3/26	32	11.7	8.3	9.9						
Little Bear (Upper)	3/26	43	16.0	11.4	12.9						
Lower Leboron	3/27	31	12.2	15.5	14.0a						
Oxford Mountain	3/27	32	12.5	6.0	9.5a						
Stag Creek Divide	3/28	49	18.0	21.0	18.0						
Steep Hollow #1	4/5	101	37.5	43.4	38.0						
Steep Hollow #2	4/5	73	27.5	32.7	27.9						
Strawberry Creek	3/28	36	12.7	6.7	10.2						
Strawberry Peak Divide	3/27	60	23.8	27.0	21.9						
Tony Grove Lake	4/5	101	36.3	47.0	35.0a						
Tony Grove R.S.	4/5	39	13.6	12.3	11.4	4/5	2.35	3.48	19.93	-	-
Upper Leboron	3/27	57	19.3	25.5	19.5a						
Weston Flat	4/5	47	19.4	15.2	14.5	4/5	3.[illegible]	4.06	23.71	23.[illegible]	99
Zinc Creek	4/5	51	21.1	22.1	- -						
BATT RIVER											
Cedar Creek Meadows	3/29	73	20.4	26.2	23.6						
Cedar Peak	3/29	75	21.2	31.0	- -						
Cow Creek Summit	3/29	22	5.9	6.1	5.6						
Vipont (A)	3/29	46	16.5	16.0	14.1a						
OGDEN RIVER											
Beaver Creek-Skunk Creek	3/26	35	14.5	14.1	12.0						
Ben Lomond Peak	3/26	113	45.3	50.6	35.1						
Ben Lomond Trail	3/26	72	27.7	- -	16.2b	3/26	2.[illegible]	3.[illegible]	28.19	28.[illegible]	98
Causey Dam						3/26	1.[illegible]	2.[illegible]	13.45	14.[illegible]	[illegible]
Pine Bread Pond	3/26	55	20.6	23.3	18.9						
North Fork	4/4	69	29.8	18.9	- -						
Snowbush Flat	3/26	2	0.7	0.0	2.0	3/26	1.06	2.68	13.79	14.[illegible]	96
WEBER RIVER											
Beaver Creek R.S.	4/7	14	5.8	7.8	7.2						
Chalk Creek #1	4/6	64	19.9	23.7	22.4						
Chalk Creek #2	4/6	49	14.7	14.2	15.6						
Chalk Creek #3	4/6	21	6.8	6.0	7.5	4/6	2.28	2.68	10.[illegible]	13.[illegible]	[illegible]
East Shingle Lake (A)		Data Delayed									
Farmington Canyon (Lower)	3/26	80	30.9	30.1	22.4b	3/26	3.39	5.23b	26.66	27.[illegible]	96
Farmington Canyon (Upper)	3/26	89	34.4	39.5	30.8						
Farmington G.S.						3/26	3.51	- -	22.21	- -	- -
Horse Ridge	3/26	57	23.1	22.0	21.9b	3/26	2.00	3.24b	23.91	23.6[illegible]	101

USDA-SCS-PORTLAND OR 1977 M-[illegible]-22027-D

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 (cont'd)											
Killfoil Creek	3/26	52	17.5	14.0	13.5b						
Lost Creek Reservoir	3/26	17	6.4	0.0	2.0b	3/26	0.63	- -	11.17	- -	- -
Park City Summit		Not Measured									
Parley's Canyon Summit	3/26	53	17.8	22.2	18.5	3/26	1.57	4.07	18.86	22.55	84
Redden Mine (lower)	4/9	46	17.0	19.8	18.0						
Redden Mine (upper)						4/9	- -	3.78b	19.80	23.48	84
Sergeant Lake (A)		Data Delayed									
Smith & Morehouse	4/6	39	14.7	14.0	12.9	4/6	2.85	3.04	15.02	17.75	85
PROVO RIVER & UTAH LAKE											
Beaver Creek Divide	4/1	34e	11.5e	13.6	10.8a						
Camp Altamont	3/31	58	23.6	21.7	13.4						
Clear Creek Ridge #1	4/5	62	22.8	23.8	18.2						
Clear Creek Ridge #2	4/5	52	17.0	15.8	13.6	4/5	2.85	2.71b	18.07	16.06b	113
Clear Creek Ridge #3	4/5	18	6.9	5.9	5.2						
Dutchman R.S.	3/31	61	22.2	25.5	15.4	3/31	3.85	3.07b	- -	20.82	- -
Hobble Creek Summit	4/5	56	21.8	20.2	12.9	4/5	3.00	2.70	18.70	17.19	109
Payson R.S.	4/4	65	22.7	24.4	18.4	4/4	4.30	2.90	21.85	17.95	122
Rock Bridge		Not Measured									
Soapstone R.S.	4/7	31	12.4	13.2	11.6	4/7	2.22	2.40	15.19	16.22	94
South Fork R.S.	3/30	28	11.4	5.9	3.2						
Timpanogos Cave Camp	3/30	4	1.5	0.0	0.6						
Timpanogos Divide	3/31	82	31.4	33.0	23.5	3/31	4.30	3.36	30.45	25.09	121
Trial Lake	4/1	81e	27.0e	27.4	23.5	4/1	3.25	3.77	24.77a	23.84	104
JORDAN RIVER & GREAT SALT LAKE											
Bevan's Cabin	3/31	40	10.1	8.5	11.5						
Deseret Peak	3/28	86	30.0	30.5	- -						
Lamb's Canyon #2	3/29	43	14.6	18.0	- -	3/29	1.57	- -	16.75	- -	- -
Middle Canyon	3/31	53	16.9	13.0	14.1	3/31	4.50	3.39	18.50	15.92	116
Mill Creek	3/30	54	17.6	22.1	- -						
Mill D South Fork	3/30	50	18.4	20.4	19.9						
Mt. Dell Dam						4/1	1.08	2.09	8.50	13.23	64
Rocky Basin-Settlement Canyon	3/28	79	29.2	35.0	27.1	3/28	- -	- -	21.91	24.01b	91
Silver Lake (Brighton)	3/30	84	28.0	28.7	24.9	4/1	4.22	4.80	27.84	27.18	102
Snow Bird (Gad Valley)	3/28	97	34.0	44.2	- -						
Vernon Creek	3/26	54	17.4	18.2	11.2a	3/26	3.50	2.51b	19.00	15.27	124
UPPER SEVIER RIVER (South of Richfield, Utah)											
Box Creek	3/26	50	19.0	15.4	12.9	3/26	2.10	2.79	19.90	13.89	143
Bryce Canyon	3/28	48	10.8	2.8	3.1						
Castle Valley	3/26	60	21.2	15.9	11.3	3/26	2.40	2.77	23.05	13.89	166
Duck Creek R.S.	4/3	87	29.4	22.8	11.5	4/3	5.20	3.28b	30.63	16.53	185
Farview	3/29	71	21.0	8.8	- -						
Harris Flat	4/3	65	23.0	15.6	6.5						
Kimberly Mine	3/26	65	20.4	19.5	15.8	3/26	2.70	3.79b	22.38	18.17	123
Midway Valley	4/3	126	43.2	32.4	20.1	4/3	10.00	- -	39.60	- -	- -
Panguitch Lake	3/26	32	11.2	7.7	2.9	3/26	1.40	1.38	13.90	7.89	176
Rainbow Point	3/29	76	24.3	- -	- -						
Squaw Springs	3/26	37	12.3	10.8	6.6						
Widtsoe-Escalante #3	4/4	78	24.0	15.6	9.9	4/4	4.75	2.40	24.30	12.07	201
LOWER SEVIER RIVER (Including San Pitch River)											
Beaver Dams	4/5	51	15.8	17.0	10.6	4/5	4.19	2.41	18.84	13.07	144
Farnsworth Lake	3/26	58	19.0	23.1	19.5	3/26	2.10	4.33	17.90	19.56	92
G.B.R.C. Headquarters	4/4	66	23.2	21.6	15.8	4/4	5.20	4.08	21.80	18.29	119
G.B.R.C. Majors						4/1	2.90	1.56b	11.85	8.51	139
G.B.R.C. Meadows	4/4	93	29.2	32.1	22.4	4/4	7.90e	4.10	27.87a	21.67	129
G.B.R.C. Oaks						4/1	4.00	2.17	14.85	11.87	125
Gooseberry R.S.	3/26	35	11.8	15.0	12.0	3/26	1.60	3.04b	13.65	12.91b	106
Mammoth-Cottonwood Creek	4/2	78	27.0	29.4	20.3						
Middle Fork	4/5	93	28.9	30.4	23.4						
Mt. Baldy R.S.	4/5	103	34.8	34.2	21.8	4/5	8.80a	3.14	28.30	16.90	167
Oak Creek		Not Measured									
Pickle Keg Springs	3/29	49	17.0	25.9	16.1b						
Pine Creek	3/26	42	15.8	30.2	15.2	3/26	1.70	4.94	19.91	23.47	88
Ree's Flat	4/4	44	14.1	17.3	12.2	4/4	2.95	- -	15.61	- -	- -
Shingle Mill		Not Measured									
Thistle Flat	4/5	66	20.5	22.5	15.9						

+ 1958-1972 period

USDA-SCS-PORTLAND, OR 1977 M7-0-22027 D

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
BEAVER RIVER											
Beaver Race Track	3/30	1	0.2	- -	- -						
Beaver Canyon Power House						4/1	5.40	1.72	17.19	8.53	202
Big Flat	3/26	83	27.7	29.2	16.1	3/26	2.50	3.00	23.59	15.53	152
Merchant's Valley (upper)	3/26	51	17.4	22.6	9.7b	3/26	2.40	2.96b	18.97	14.25	133
Otter Lake	3/26	70	24.0	24.1	12.3						
PAROWAN CREEK											
Birch Crossing	4/4	38	13.5	5.0	5.3b						
Brian Head	3/26	85	30.0	25.7	19.9b						
Tall Poles	4/4	71	21.2	16.5	13.8b	4/4	5.20	3.02b	20.05	14.89b	135
Yankee Reservoir	3/26	47	15.2	10.4	9.0	3/26	1.90	2.73b	16.35	12.13	135
ENTERPRISE TO NEW HARMONY DRAINAGES											
Little Grassy Creek	4/5	28	13.7	0.0	2.0	4/5	6.65	2.16	25.95	14.49	179
Long Flat	4/5	44	15.4	7.4	5.5	4/5	3.80	2.40	20.65	11.63	178
COAL CREEK											
Cedar City Golf Course		Not Measured									
SUSC Ranch	4/3	57	19.8	12.0	6.1b						
COLORADO RIVER DRAINAGE											
UPPER GREEN RIVER - UTAH											
Ashley-Twin Lakes (A)		Data Delayed									
Black's Fork G.S.-East Fork	4/6	35	11.7	11.0	9.0	4/6	3.32e	2.43	11.44a	11.94	96
Black's Fork Junction	4/6	33	11.0	9.8	9.2	4/6	2.90e	2.25	10.76a	11.62	93
Buck Pasture (A)		Data Delayed									
Burnt Creek	3/27	23	6.0	4.4	- -	3/27	1.40	1.51b	8.62	8.83b	98
Dutch John Junction	3/27	20	5.8	1.6	- -						
Grizzly Ridge	3/27	45	13.3	10.4	- -	3/27	2.30	2.23b	14.25	12.78	112
Henry's Fork (A)		Data Delayed									
Hewinta G.S.	4/7	36	12.0	9.3	9.4	4/7	3.40e	2.50	12.14a	12.56	97
Hickerson Park	4/7	17	5.7	6.2	5.9b						
Hole-in-the-Rock	4/6	27	7.1	- -	5.0						
Hole-in-the-Rock G.S	4/6	16	5.6	- -	1.4						
King's Cabin (lower)		Discontinued									
King's Cabin (upper)	4/7	46	15.5	12.6	9.8	4/7	5.30e	1.90	15.29a	11.14	137
Middle Beaver Creek	4/6	20	6.3	- -	4.5b						
Reynolds Park (A)		Data Delayed									
Spirit Lake	4/6	54	18.0	10.8	12.1						
Steel Creek Park	4/6	51	17.0	17.4	15.6						
Trout Creek	4/7	50	16.7	10.6	- -	4/7	3.62e	- -	14.23a	- -	- -
Windy Park (A)		Data Delayed									
DUCHESNE RIVER											
Atwood Lake (A)		Data Delayed									
Brown Duck Ridge	4/1	73e	22.0e	21.4	17.4a						
Chepeta-Whiterocks (A)		Data Delayed									
Currant Creek	4/5	36	14.3	12.1	7.7	4/5	2.85	- -	21.42	13.79b	155
Daniels-Strawberry Summit	4/5	49	18.2	19.8	13.7	4/5	3.34	2.68	21.10	17.81	118
East Portal	3/29	49	16.0	14.0	10.9	3/29	2.27	2.51b	19.88	16.73	119
Five Points Lake (A)		Data Delayed									
Indian Canyon	4/1	68e	21.7e	16.9	12.0	4/1	4.95e	1.91	20.66a	12.78	162
Jackson Park	4/1	48e	13.8e	15.1	11.5b						
Lakefork Basin (A)		Data Delayed									
Lakefork Mountain	4/1	44e	12.7e	11.8	10.6	4/1	1.80e	2.08	13.67a	12.62	108
Lakefork Mountain #3	4/1	20e	6.4e	7.6	5.3						
Lightning Lake (A)		Data Delayed									
Mosby Mountain	4/7	54	15.7	11.8	8.6	4/7	5.08	1.47b	17.30	12.00	144
Paradise Park	4/1	74e	21.5e	15.4	11.8	4/1	5.00e	1.78b	22.12a	13.05	170
Rock Creek Ranch	4/9	22	7.3	8.6	5.8	4/9	2.71	- -	13.86	11.04	126
Strawberry Divide	3/29	73	23.2	24.4	18.5						

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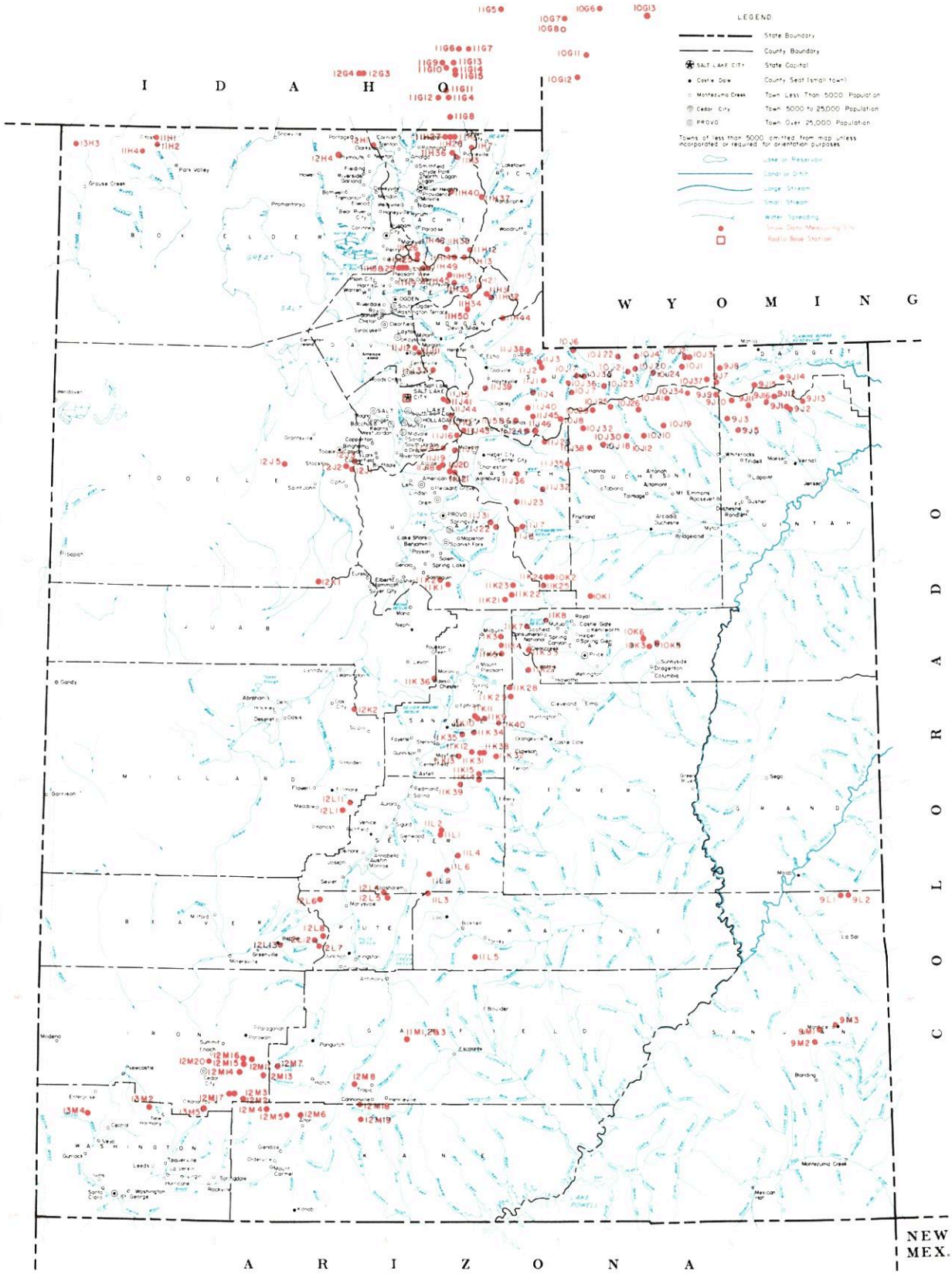
SNOW	THIS YEAR			PAST RECORD		PRECIPITATION (Inches)					
						CURRENT INFORMATION			FROM APPROX. OCT 1 TO DATE		
DRAINAGE BASIN and/or SNOW COURSE NAME	Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Water Content (inches) Last Year	Water Content (inches) Average +	Date of Reading	Month's Precipitation	Average +	This Year	Average +	Percent of Average
PRICE RIVER											
Gooseberry Reservoir						4/2	5.15	- -	24.59	- -	- -
Corral	4/5	60	17.8	13.0	6.7b						
Dry Valley Divide Alternate	4/5	40	15.4	- -	- -						
Grassy Trail Creek-Left Fork	4/5	68	19.5	17.1	7.5b						
Mud Creek	4/3	61	17.1	16.3	12.3	4/3	4.25	2.56	18.45a	14.25	129
Timberline	4/5	82	26.2	20.6	13.0b						
White River #1	4/5	59	18.8	17.7	12.8	4/5	2.80	2.14	19.08	13.22	144
White River #3	4/3	27	9.1	12.8	6.1						
SAN RAFAEL RIVER											
Buck Flat	4/5	70	23.0	24.4	15.4	4/5	4.40	2.71	22.75	17.21	132
Huntington-Horseshoe	4/2	86	28.8	35.8	22.7						
Orange Olsen		Not Measured				3/28	2.50	1.01b	12.25	7.40	166
Red Pine Ridge	4/5	63	20.3	22.0	16.5	4/5	5.10	3.54	22.70	19.79	115
Seeley Creek R.S.	4/4	67	19.1	24.9	16.0	4/4	6.58	- -	- -	- -	- -
Stuart R.S.	4/4	36	11.3	11.8	6.5	4/4	2.65	- -	14.68	11.62	126
Upper Joe's Valley	4/5	41	13.2	15.2	9.5						
Wrigley Creek	4/5	62	17.9	17.2	10.1						
MUDDY RIVER											
Black's Fork	3/29	51	15.6	21.7	12.6						
Dill's Camp	4/5	52	14.6	20.3	11.4	4/5	4.30	- -	19.81	14.40b	138
FREMONT RIVER											
Black's Flat-U.M. Creek	3/26	43	13.0	15.9	10.4	3/26	0.90	2.46b	15.08	12.10b	125
Donkey Reservoir		Not Measured									
Fish Lake	3/26	46	15.2	12.8	7.0	3/26	0.80	1.68	11.80	9.18	128
Johnson Valley	3/26	37	11.4	11.8	6.1						
SOUTHEASTERN UTAH DRAINAGES											
Buckboard Flat	3/30	81	27.6	14.8	11.7	3/30	6.40	2.96	31.09	18.14	171
Camp Jackson	3/30	81	28.0	18.5	10.8	3/30	7.05	2.51	33.38	16.78	199
LaSal Mountain (lower)	3/31	57	14.6	16.2	8.6						
LaSal Mountain (upper)	3/31	86	25.8	24.2	15.3	3/31	4.80	3.14	21.74	14.18	153
Monticello City Park	3/30	0	0.0	0.0	- -						
VIRGIN RIVER											
Kolob-Crystal	4/5	120	45.0	36.1	21.8a						
Long Valley Junction	4/3	37	13.6	5.0	2.7						
Webster Flat	4/3	102	36.6	32.6	15.7	4/3	8.90	4.00	39.98	19.15	209

a - Partly Estimated
b - Average of past record in average period - less than 15 years
+ - 1963-77 15 year average period
(A) - Aerial Marker Reading
e - Estimated

USDA-SCS-PORTLAND, OR 1977 M7-0-22027 D

+ 1958-1972 period



SNOW COURSES AND RELATED DATA MEASURING SITES

UTAH

1978

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

SCALE 1:1,000,000

ALBERS EQUAL AREA PROJECTION

USDA-SCS-PORTLAND OR WTA M7-OL-22027

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	15	1N	9E	10,000
10J7PST	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	9,050
11H12PST	U	Monte Cristo R.S.	4	8N	4E	8,960
10G6	W	Poison Meadows x	29	30N	116W	8,500
10G8P	W	Salt River Summit x	32	29N	118W	7,900
10G13MP	W	Snyder Basin x	15	29N	115W	8,400
10J17P	U	Stillwater Camp	32	2N	10E	8,550
		LOWER BEAR RIVER (below Harer, Idaho)				
11H37pST	U	Bug Lake	18	11N	5E	7,950
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
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
11G8MPST	I	Franklin Basin	1	16S	41E	8,000
11H7MP	U	Garden City Summit	34 & 35	14N	4E	7,600
11H40p	U	Herd Hollow	3	11N	3E	7,200
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)	16	8N	1E	6,000
11H25PST	U	Little Bear (upper)	22	8N	1E	6,550
12G3	I	Oxford Mountain	32	13S	37E	6,800
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
11H36PST	U	Tony Grove Lake	5	13N	3E	8,400
11H3MP	U	Tony Grove Ranger Station	11	13N	3E	6,250
11G4P	I	Willow Flat	2	15S	41E	6,100
		RAFT RIVER				
13H2a	U	Clear Creek Meadows	26	14N	14W	9,050
13H4PS	U	George Peak	4	13N	14W	9,000
13H1	U	One Mile Summit	17	14N	14W	7,330
13H3a	U	ViPont	17	14N	17W	7,670
		OGDEN RIVER				
11H14M	U	Beaver Creek-Skunk Creek	22	8N	3E	7,150
11H8PST	U	Ben Lomond Peak	3	7N	1W	8,000
11H9PST	U	Ben Lomond (lower)	1	7N	1W	5,680
11H35p	U	Causey Dam	34	7N	3E	5,500
11H29	U	Cutler Creek	3	7N	1W	6,780
11H13MPST	U	Dry Bread Pond	19	8N	4E	8,350
11H34p	U	Guilder's Peak	21	6N	4E	8,050
11H45p	U	Middle Fork Ogden	16	7N	2E	8,420
11H49	U	Powder Mountain Hideaway	6	7N	2E	8,250
11H48	U	Powder Mountain Sundown	1	7N	1E	8,400
11H15P	U	Sagebrush Flat	21	7N	3E	6,300
		WEBER RIVER				
11J24	U	Beaver Creek R.S.	28	2S	7E	7,500
11J1PST	U	Chalk Creek #1	4	1N	8E	9,100
11J2MPST	U	Chalk Creek #2	29	2N	8E	8,200
11J3MP	U	Chalk Creek #3	7	2N	8E	7,500
11J45a	U	East Shingle Lake	6	2S	8E	9,750
11J12P	U	Farmington Canyon (lower)	15	3N	1E	6,950
11J11PST	U	Farmington Canyon (upper)	23	3N	1E	8,000
11H44p	U	Francis Canyon	29	5N	6E	7,400
11J37p	U	Hardscrabble	22	2N	2E	6,700
11H21PST	U	Horse Ridge	25	7N	4E	8,260
11H31	U	Kilfoil Creek	20	6N	5E	7,300
11H32P	U	Lost Creek	27	6N	5E	7,300
11J43	U	Park City Summit	30	2S	4E	9,300
11J15PST	U	Parley's Canyon Summit	5	1S	3E	7,500
11H50	U	Pine Canyon	6	5N	4E	8,000
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	9	1N	6E	8,300
11J40p	U	Shingle Mill Flat	22	1S	7E	9,040
11J4PST	U	Smith & Morehouse	25	1N	7E	7,600
		PROVO RIVER & UTAH LAKE				
11J46PST	U	Beaver Creek Divide	25	2S	7E	8,280
11J20	U	Camp Altamont	29	4S	3E	7,300
11K21PST	U	Clear Creek Ridge #1	18	11S	6E	9,200
11K22PST	U	Clear Creek Ridge #2	9	11S	6E	8,000
11K23	U	Clear Creek Ridge #3	27	10S	6E	6,600
11J17P	U	Dutchman R.S.	27	3S	3E	7,560
11J22P	U	Hobble Creek Summit	27	7S	5E	7,420
11J36P	U	Lake Creek	36	4S	6E	9,000
11J31	U	Packard Canyon	21	7S	5E	6,400
11K1P	U	Payson R.S.	30	10S	3E	8,050
11K2	U	[illegible]k Bridge	14	10S	2E	6,750
		PROVO RIVER & UTAH LAKE (continued)				
11J25P	U	Soapstone R.S.	9	3S	8E	7,800
11J19	U	South Fork R.S.	24	4S	2E	6,100
11J18	U	Timpanogos Cave Camp	27	4S	2E	5,500
11J21PST	U	Timpanogos Divide	33	4S	3E	8,140
10J8PST	U	Trial Lake	5	2S	9E	9,960
		JORDAN RIVER & GREAT SALT LAKE				
12J2	U	Bevan's Cabin	24	4S	4W	6,450
12J5P	U	Deseret Peak	15	4S	7W	9,250
11J41P	U	Lamb's Canyon #2	21	1S	3E	7,500
12J3P	U	Middle Canyon	8	4S	3W	7,000
11J44	U	Mill Creek	25	1S	2E	6,950
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	9,700
12K1PST	U	Vernon Creek	21	10S	5W	7,500
		UPPER SEVIER RIVER (South of Richfield, Utah)				
12L4PST	U	Box Creek	33	26S	2W	9,300
12M8	U	Bryce Canyon	36	36S	4W	8,000
12M13PST	U	Castle Valley	23	36S	8W	9,580
12M4P	U	Duck Creek R.S.	11	38S	8W	8,700
12M18	U	Farview	32	37S	4W	8,200
12M5PST	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
12M2MPST	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
		LOWER SEVIER RIVER (Including San Pitch River)				
11K13P	U	Beaver Dam	22	19S	3E	8,000
11L1PST	U	Farnsworth Lake	34	23S	2E	9,600
11K11P	U	G.B.R.C. Headquarters	21	17S	4E	8,700
11K10P	U	G.B.R.C. Meadows	27	17S	4E	10,000
11L2PST	U	Gooseberry R.S.	21	23S	2E	8,000
11K3MPST	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
12K2P	U	Oak Creek	9	17S	3W	7,760
11K39PST	U	Pickle Keg Springs	4	21S	3E	9,000
12L1PS	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	19	18S	3E	8,760
		BEAVER RIVER				
12L13	U	Beaver Race Track	23	29S	7W	6,020
12L7PST	U	Big Flat	7	29S	4W	10,290
12L12PST	U	Merchant's Valley (upper)	8	29S	5W	8,750
12L8	U	Otter Lake	12	29S	5W	9,600
		PAROWAN CREEK				
12M16	U	Birch Crossing	23	35S	9W	8,100
12M14	U	Brian Head	10	36S	9W	10,000
12M15P	U	Tall Poles	26 & 35	35S	9W	8,800
12M11P	U	Yankee Reservoir	20	35S	8W	8,700
		ENTERPRISE TO NEW HARMONY DRAINAGES				
13M4MP	U	Little Grassy Creek	14	38S	18W	6,100
13M2MPST	U	Long Flat	2	38S	14W	8,000
		COAL CREEK				
12M20	U	Cedar City Golf Course	11	36S	11W	5,800
12M17	U	SUSC Ranch	18	37S	9W	8,200

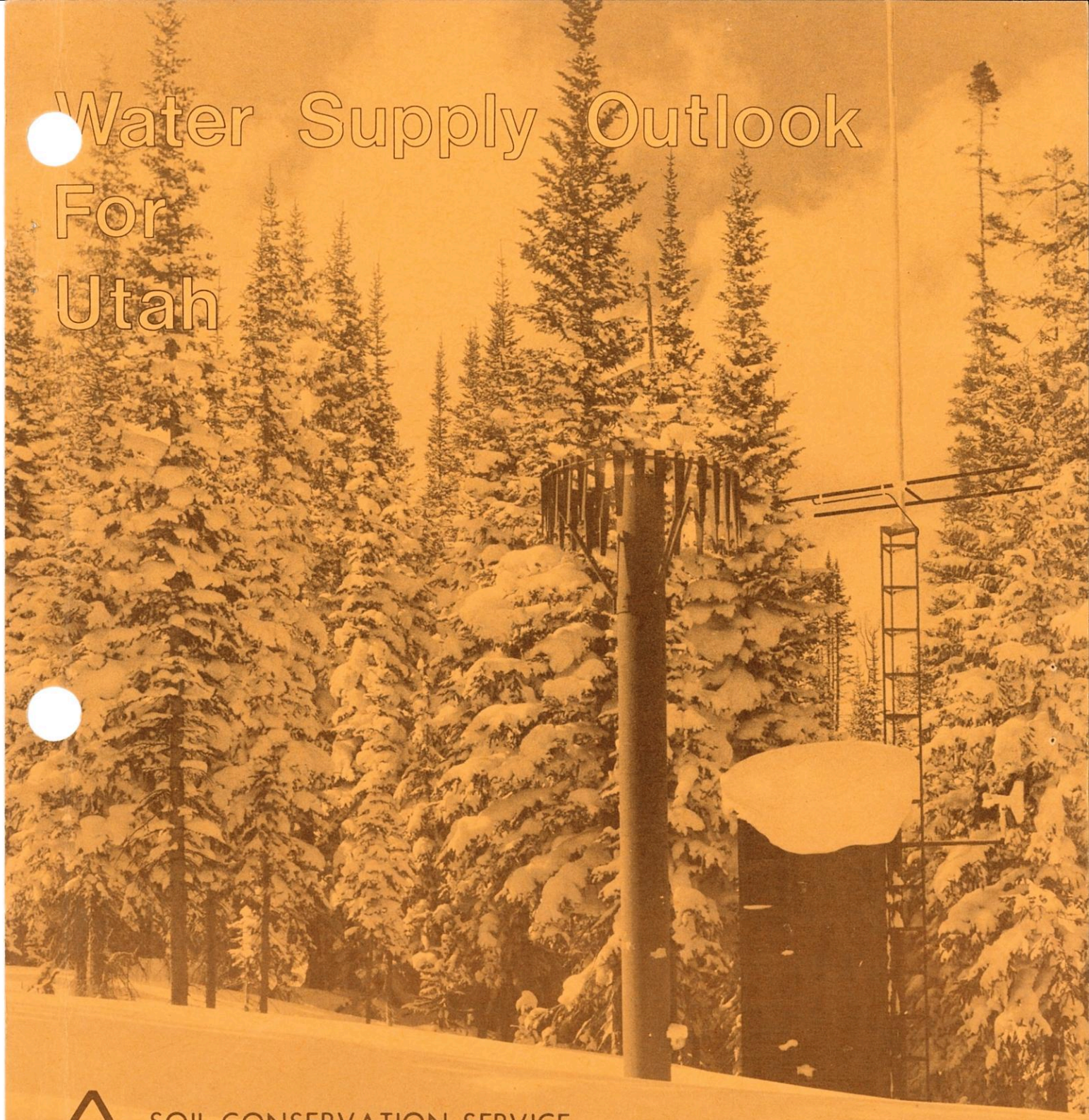
COLORADO RIVER DRAINAGE

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	2	1N	11E	9,700
9J14P	U	Burnt Creek	4	1N	20E	7,900
9J13P	U	Grizzly Ridge	8	1S	22E	8,500
10J24ap	U	Henry's Fork	29	2N	14E	10,000
10J4P	U	Hewinta G.S.	33	3N	13E	9,500
9J8P	U	Hickerson Park	13	2N	17E	9,100
9J15p	U	Highline Trail	24	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)	2[illegible]	1S	21E	8,640
9J1PST	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	8,650
9J10aP	U	Reynolds Park	9	1S	18E	10,400
9J7P	U	Spirit Lake	10	1N	17E	10,300
10J20PST	U	Steel Creek Park	17	2N	13E	10,100
9J16PST	U	Trout Creek	9	1S	20E	9,400
9J12ap	U	Windy Park	2	1S	20E	9,400
		DUCHESNE RIVER				
10J41ap	U	Atwood Lake	13	4N	4W	10,840
10J30PST	U	Brown Duck Ridge	8	2N	6W	10,600
9J9ap	U	Chepeta-Whiterocks Lakes	3	4N	1W	10,350
11J32MPST	U	Currant Creek	26	1S	11W	8,000
11J23MPST	U	Daniels-Strawberry Summit	20	2S	12W	8,000
11J7P	U	East Portal	36	7S	6E	7,560
10J26ap	U	Five Point Lake	28	4N	5W	11,000
10K1PST	U	Indian Canyon	2	11S	10E	9,100
10J19P	U	Jackson Park	25	3N	4W	10,600
10J34p	U	Kidney Lake	28	5N	3W	11,000
10J25ap	U	Lakefork Basin	13	4N	7W	11,100
10J10PST	U	Laketork Mountain	2 & 3	2N	5W	10,200
10J12	U	Lakefork Mountain #3	20	2N	4W	8,400
10J29ap	U	Lightning Lake	23	4N	8W	10,500
9J5PST	U	Mosby Mountain	33	3N	1E	9,500
9J3P	U	Paradise Park	7	3N	1E	10,100
10J18P	U	Rock Creek	21	2N	7W	7,900
10J32p	U	Shadow Lake	29	3N	8W	10,150
11J8PST	U	Strawberry Divide	2	4S	12W	8,400
11J35P	U	West Fork of the Duchesne	22	1N	11W	9,480
		PRICE RIVER				
10K5M	U	Corral	32	13S	14E	8,200
11K8	U	Dry Valley Divide	14	11S	7E	7,900
10K3M	U	Grassy Trail Creek-Left Fork	1	14S	13E	7,970
11K7	U	Jones Ranch	32	12S	7E	7,600
11K33MP	U	Mud Creek	4	14S	7E	8,600
10K6	U	Timberline	23	13S	13E	9,100
10K2MPST	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				
11K31PST	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
11K40P	U	Orange Olsen	31	17S	6E	7,200
11K28PST	U	Red Pine Ridge	5	16S	6E	9,200
11K38	U	Rush Pond	24	19S	4E	9,800
11K9PST	U	Seeley Creek	25	17S	4E	10,000
11K27P	U	Stuart R.S.	8	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
11K15PST	U	Dill's Camp	27	20S	4E	9,200
		FREMONT RIVER				
11L4P	U	Black's Flat-U.M. Creek	33	24S	3E	9,400
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	9,850
9M3	U	Monticello Park	25	33S	23E	7,050
		ESCALANTE RIVER				
11M1	U	Widtsoe-Escalante Summit	22	34S	1W	9,500
11M2PST	U	Widtsoe-Escalante #2	22	34S	1W	9,500
11M3PST	U	Widtsoe-Escalante #3	22	34S	1W	9,500
		VIRGIN RIVER				
13M5PST	U	Kolob-Crystal	2	38S	11W	9,250
12M6	U	Long Valley Junction	22	38S	6W	7,500
12M3MPST	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
10J7a	Aerial Marker Only
10J7p	Storage Precipitation Gage Only
10J7PS	Snow Course, Precipitation Gage, Snow Pillow and Temperature
10J7PST	Snotel Data Site

Water Supply Outlook For Utah



SOIL CONSERVATION SERVICE
U.S. DEPARTMENT OF AGRICULTURE

Cooperating with

UTAH STATE DEPARTMENT of NATURAL RESOURSES
-- DIVISION of WATER RIGHTS

AS OF
MAY 1, 1979

WATER SUPPLY OUTLOOK FOR UTAH

and

FEDERAL - STATE - PRIVATE COOPERATIVE SNOW SURVEYS

Issued by

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SALT LAKE CITY, UTAH 84138

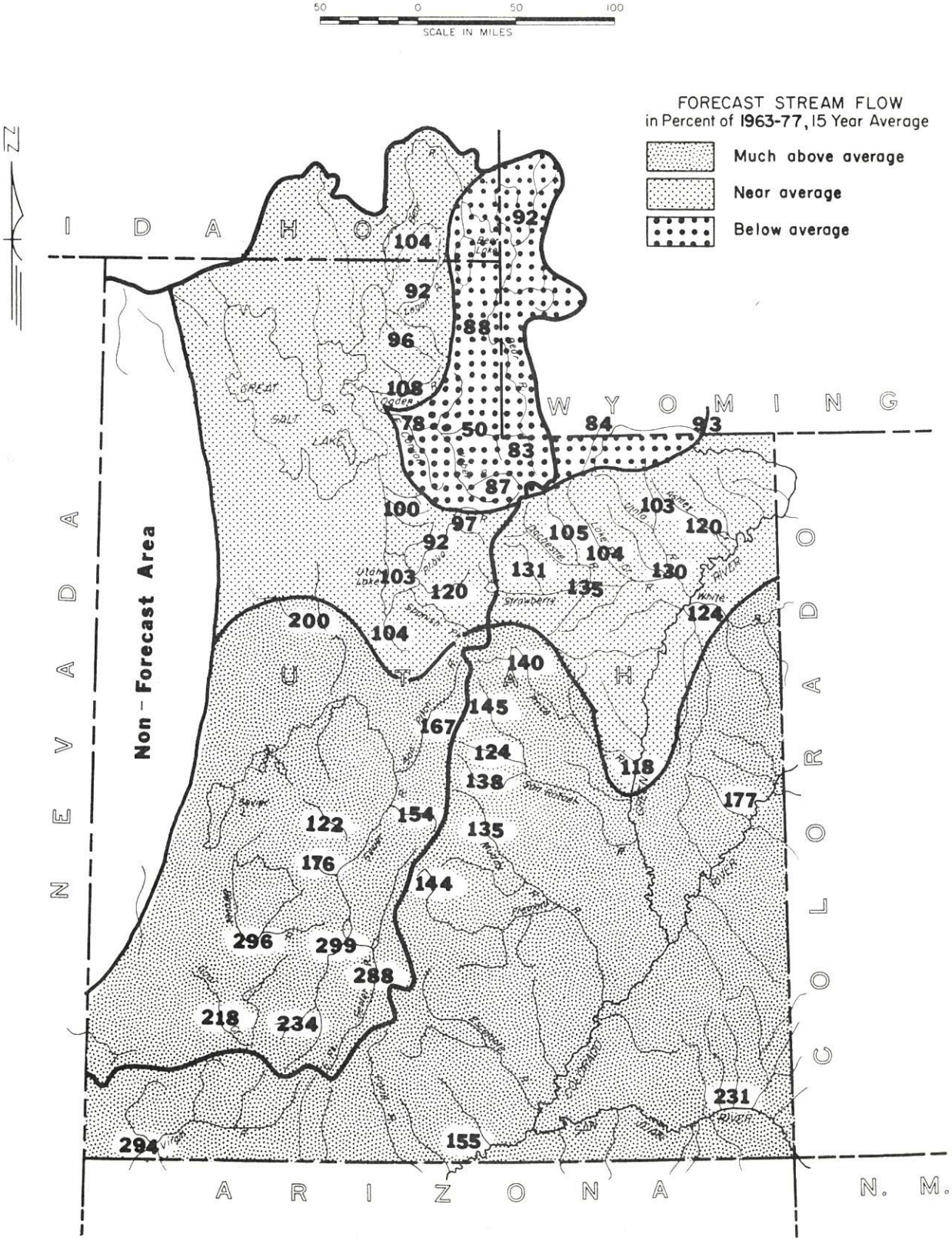
USDA-SCS-PORTLAND, OR. 1979 M7-L-22027B

PROSPECTIVE WATER SUPPLIES

Based on Snow Surveys Made on UTAH and BEAR RIVER WATERSHEDS

May 1, 1979

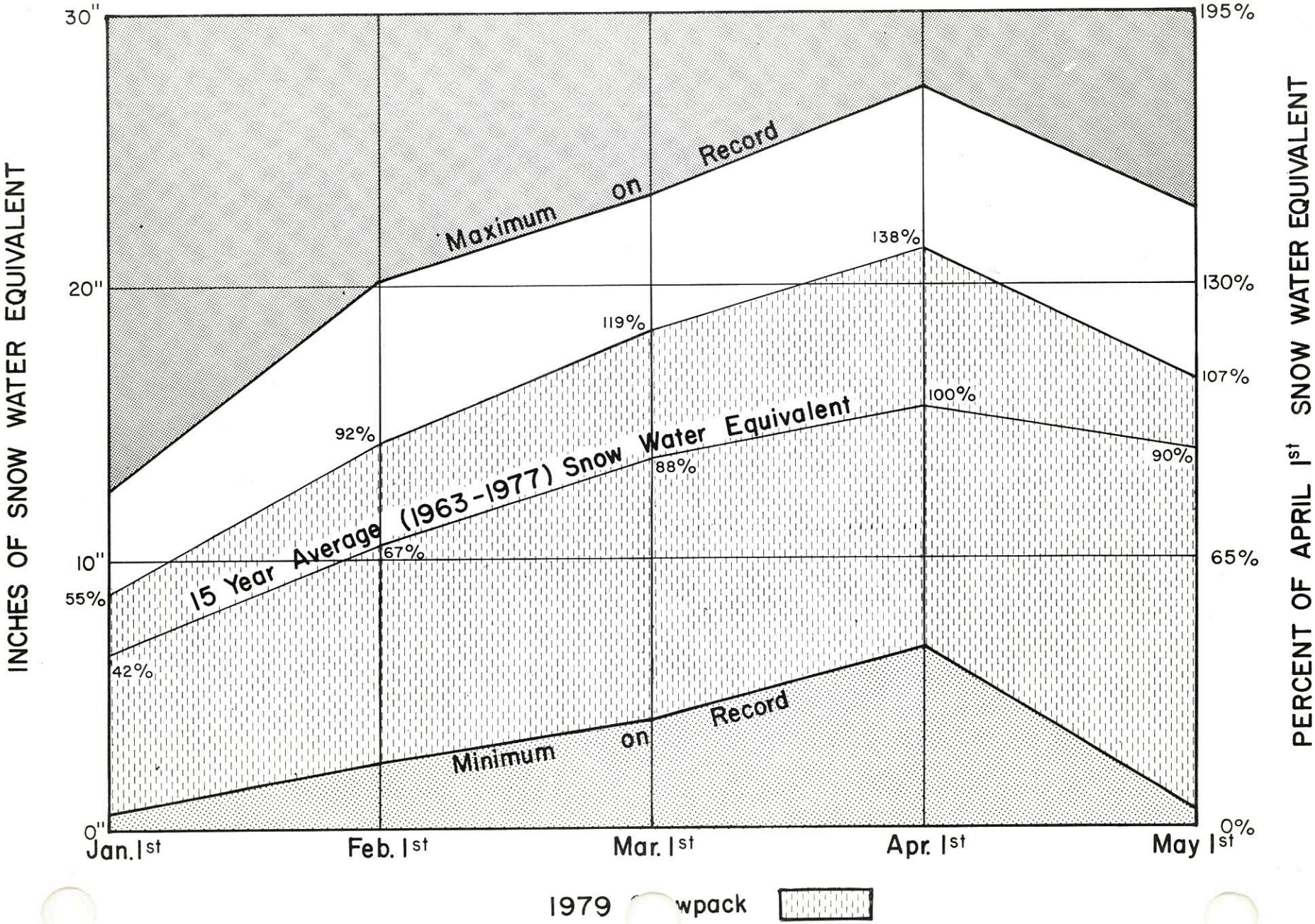
Approximate Date



7-0-16150-L

UTAH'S WINTER SNOWPACK

Data based on 51 selected snow courses



1979 Snowpack

WATER SUPPLY OUTLOOK

as of
May 1, 1979

Utah's 1979 Water Supply Outlook varies from near average in northern Utah to much above average in southern Utah. Snow cover ranges from about 2/3 average on the north slope of the Unitahs to better than twice average on the Upper Sevier and Coal Creek. Reservoir storage totals 105% of the May 1 average. Streamflow forecasts range from 50% of average on Chalk Creek near Coalville to 299% at Sevier near Kingston.

SNOW COVER

Snow surveys taken about May 1 range from 76% of average on the north slope of the Uintahs to 343% on the Blue Mountains near Monticello. Coal Creek is 229%, the Upper Sevier 227% and the Virgin River 197% of the May 1 average. The snow on medium elevation snow courses in this area was very wet and ready to melt and low elevation courses were already bare. The San Rafael was 125%, Fremont 156%, Price River 129%, Beaver 192%, and Lower Sevier 113%.

Vernon Creek had about three times its May 1 average, Strawberry River about 157%, Provo 110%, Weber 95%, Ogden 113%, Upper Bear 80%, and Lower Bear 96%. South slope Uintah Basins ranged from 94% on Lakefork and Yellowstone to 127% for the Uintah and Whiterocks. Ashley Creek is 97% of average.

PRECIPITATION

April precipitation was generally below average at mountain stations varying from 14% of average at Little Grassy in the southwest corner of the state to about 200% at Merchant Valley on the Beaver. All stations in northern and central Utah were below average. Most stations in central and eastern Utah were half average or less.

SOIL MOISTURE

Watershed soils range from below average in the northern half of the state to above average in southern Utah.

RESERVOIR STORAGE

Utah's 23 major irrigation reservoirs are 105% of the May 1 average. Reservoirs in the Sevier and Uintah Basins are still below average.

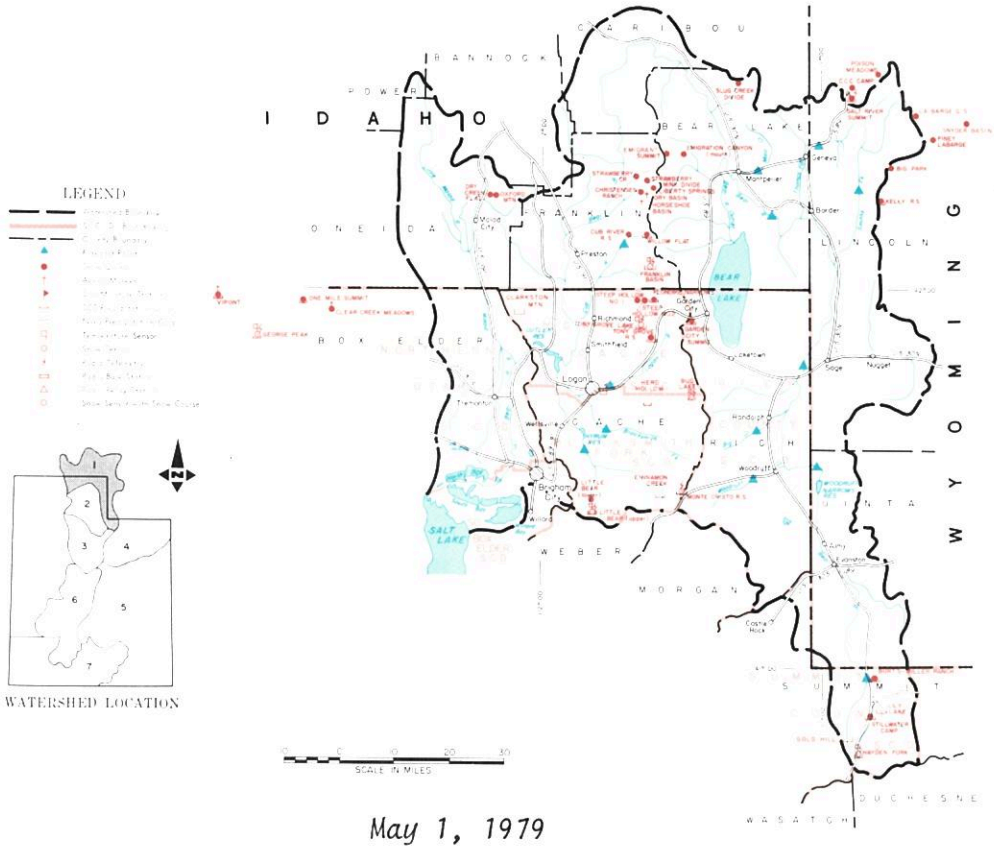
STREAMFLOW FORECASTS

Streamflow forecasts for the May-July period range from 50% of average on Chalk Creek to 299% on the Sevier at Kingston. Snow melt is progressing well in southern Utah with peak flows past on the Virgin and Santa Clara unless above average precipitation and/or temperature occurs in the next two or three weeks.

Snow melt in northern Utah is not producing as much streamflow as expected. Dry soils are reducing the amount of melt water getting into the streams. However, all water users are expected to have near average to well above average water supplies.

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



May 1, 1979

THE WATER SUPPLY OUTLOOK IS NEAR AVERAGE

SNOW COVER ranges from 80% of average on the Upper Bear to 96% on the Lower Bear.

PRECIPITATION at mountain stations ranged from 30% of the April average for Willow Flat on Cub River to 81% at Monte Cristo R.S.

SOIL MOISTURE is below average.

RESERVOIR STORAGE is near average.

STREAMFLOW FORECASTS dropped again due to low April precipitation and now range from 67% of average for the Bear near Randolph to 96% for Little Bear near Paradise. Logan River is forecast 92% of the May-July average. Cub River is forecast 104% of the May-September average.

USDA-SCS-PORTLAND, OR. 1978 M7-OL-22027-1

DEAR 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/2	PAST RECORD THOUSAND ACRE FEET Average †
BEAR RIVER					
Bear nr UT-Wyo. State Line	90	83	May-July	109	109
Bear nr Woodruff	100	79	May-July	111	126
Woodruff Crk nr Woodruff, UT	12.5	77	May-July	14.7	16.3
Big Creek nr Randolph, Utah	4.2	88	May-July	- -	4.8b
Bear nr Randolph	62	67	May-July	49	92
Thomas Fork nr UT-Wy State Ln	31	89	Apr-Sept	54	35
Smith's Fork nr Border, Wyo.	110	92	Apr-Sept	160	120
Bear at Harer, Idaho 1/	235	87	May-Sept	- -	271
Logan nr Logan 1/	96	92	May-July	118	104
Blacksmith Fork nr Hyrum	35	88	May-July	34	40
Little Bear nr Paradise	25	96	May-June	16.8	26
Cub River nr Preston, ID	51	104	May-Sept	53	49

1 - Observed flow corrected for change in storage and diversions
2 - Provisional flows - Subject to correction
b - Average of all past record less than 15 years

SUMMARY of SNOW MEASUREMENTS (COMPARISON WITH PREVIOUS YEARS)

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
BEAR RIVER	22	80	89
UPPER BEAR RIVER	10	72	80
LOWER BEAR RIVER	12	88	96
LOGAN RIVER	6	82	93

RESERVOIR STORAGE (Thousand Acre Feet)

BASIN OR STREAM	RESERVOIR	Usable Capacity	USEABLE STORAGE This Year	USEABLE STORAGE Last Year	USEABLE STORAGE Average †
BEAR RIVER	Bear Lake	1421.0	1091.7	847.8	1098.4
	Woodruff Narrows	26.5	26.5	26.5	25.7
LITTLE BEAR	Hyrum	15.3	10.5	10.9	13.4
	Porcupine	11.3	11.1	11.4	8.7

† - 1963-77 15 year Average Period
e - estimated

PEAK FLOWS

FORECAST POINT	PEAK FLOW (SECOND FEET) Forecast Range	PEAK FLOW (SECOND FEET) Average †
Bear River nr UT/WY Stateline	1100-1500	1600
Big Creek nr Randolph	50-90	--
Logan River nr Logan	850-1100	1016
Woodruff Creek nr Woodruff	200-400	267
Little Bear nr Paradise	460-780	517

SNOW

DRAINAGE BASIN and/or SNOW COURSE NAME	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 †
Burts-Miller Ranch	4/26	0	0.0	0.0	3.0
Cub River R.S.	4/26	0	0.0	0.0	0.0
Emigrant Summit		Data Delayed			
Franklin Basin	4/25	56	24.8	33.5	27.0a
Hayden Fork	4/26	33	13.5	16.9	16.7
Klondike Narrows	4/25	32	15.1	19.0	16.8

SNOW

DRAINAGE BASIN and/or SNOW COURSE NAME	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 †
Little Bear Lower	4/26	0	0.0	0.0	2.1
Little Bear Upper	4/25	20	8.4	0.0	6.7
Monte Cristo	4/25	54	24.7	28.9	27.6
Salt River Summit	4/27	34	14.2	19.4	15.4
Stillwater Camp	4/26	17	6.1	4.3	10.2b
Tony Grove R.S.	4/25	10	4.2	0.0	3.8

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WATER SUPPLY OUTLOOK

WEBER-OGDEN WATERSHEDS in UTAH

UNITED STATES DEPARTMENT OF AGRICULTURE-SOIL CONSERVATION SERVICE
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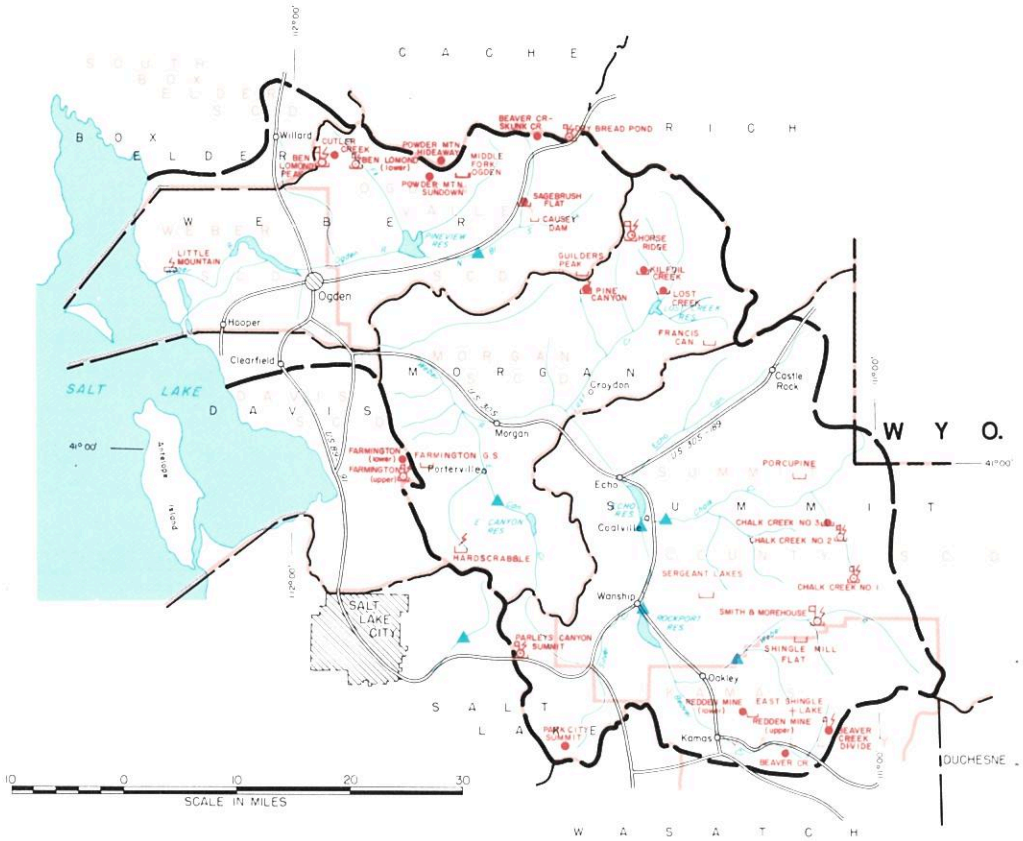
WATERSHED LOCATION



May 1, 1979

WATER SUPPLIES WILL BE NEAR AVERAGE

SNOW COVER ranges from 95% of average on the Weber to 113% on the Ogden.

PRECIPITATION at mountain stations ranged from 42% to 90% on the Weber and 62 to 81% on the Ogden.

SOIL MOISTURE is near average on the Ogden, but below average on the Weber.

RESERVOIR STORAGE is above average and most reservoirs are expected to fill as snow melt progresses.

STREAMFLOW FORECASTS have been reduced again this month due to less than average April precipitation and now range from 50% on Chalk Creek to 119% on Lost Creek. The Weber at Oakley is forecast 81% and Pineview Inflow 108% of the May-June average.

USDA-SCS-PORTLAND, OR. 1978 M7-OL-22027-2

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 3	PAST RECORD THOUSAND ACRE FEET Average †
WEBER-OGDEN RIVERS					
Weber nr Oakley	78	81	May-June	108	96
Rockport Reservoir Inflow 1	76	78	May-June	- -	98
Chalk Creek at Coalville	16.5	50	May-June	30	33
Weber nr Coalville	80	77	May-June	- -	104
Lost Creek nr Croydon, Utah	15.0	119	May-June	12.3	12.6
East Canyon Creek nr Morgan 1	15.4	89	May-June	25	17.3
Hardscrabble Crk nr Porterville	14.2	87	May-June	- -	16.3b
South Fork Ogden nr Huntsville	45	107	May-June	42	42
Pineview Reservoir Inflow 2	82	108	May-June	76	76
Weber at Gateway	185	78	May-June	- -	238
JORDAN RIVER & SALT LAKE					
Farmington Crk nr Farmington	7.0	101	May-July	- -	6.9

1 - Observed flow corrected for change in storage and diversions
2 - Inflow record as computed by U.S. Bureau of Reclamation
3 - Provisional flows - Subject to Correction
b - Average of all past record - less than 15 years
+ -1963-77 15 year average period

SUMMARY of SNOW MEASUREMENTS (COMPARISON WITH PREVIOUS YEARS)

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	4	87	113
WEBER RIVER	11	89	95

RESERVOIR STORAGE (Thousand Acre Feet)

BASIN OR STREAM	RESERVOIR	Usable Capacity	USEABLE STORAGE This Year	USEABLE STORAGE Last Year	USEABLE STORAGE Average †
OGDEN	Causey	6.9	4.7	4.7	2.3b
	Pineview	110.1	92.0	94.4	76.9
WEBER	East Canyon	48.1	43.3	41.3	33.1
	Echo	73.9	63.0	64.5	55.2
	Lost Creek	20.0	15.2	16.7	13.9b
	Rockport	60.9	40.4	49.8	37.2
	Willard Bay	193.3	164.1	183.9	162.9b

PEAK FLOWS

FORECAST POINT	PEAK FLOW (SECOND FEET) Forecast Range	PEAK FLOW (SECOND FEET) Average †
South Fork Ogden nr Huntsville	500-700	772
Chalk Creek nr Coalville	100-300	- -

SNOW

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 †
Beaver Creek R.S.	4/24	0	0.0	0.0	1.3
Beaver Creek-Skunk Creek	4/25	16	7.4	3.6	7.1
Ben Lomond Peak	4/25	93	44.6	56.9	37.2
Ben Lomond Trail	4/25	35	15.4	- -	7.7b
Chalk Creek #1	4/26	50	20.4	24.4	25.4
Chalk Creek #2	4/26	29	11.3	10.6	15.3
Chalk Creek #3	4/26	0	0.0	0.0	3.5
Dry Bread Pond	4/25	44	19.3	21.4	19.0

SNOW

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 †
Horse Ridge	4/25	44	20.0	21.6	20.8b
Lost Creek Reservoir	4/25	0	0.0	0.0	0.0b
Monte Cristo	4/25	54	24.7	28.9	27.6
Parleys Canyon Summit	4/30	26	11.6	20.8	14.6
Sagebrush Flat	4/25	0	0.0	0.0	0.0
Smith & Morehouse	4/26	18	7.1	6.5	10.0
Trial Lake	4/24	67	25.0	30.4	26.1

e - estimated

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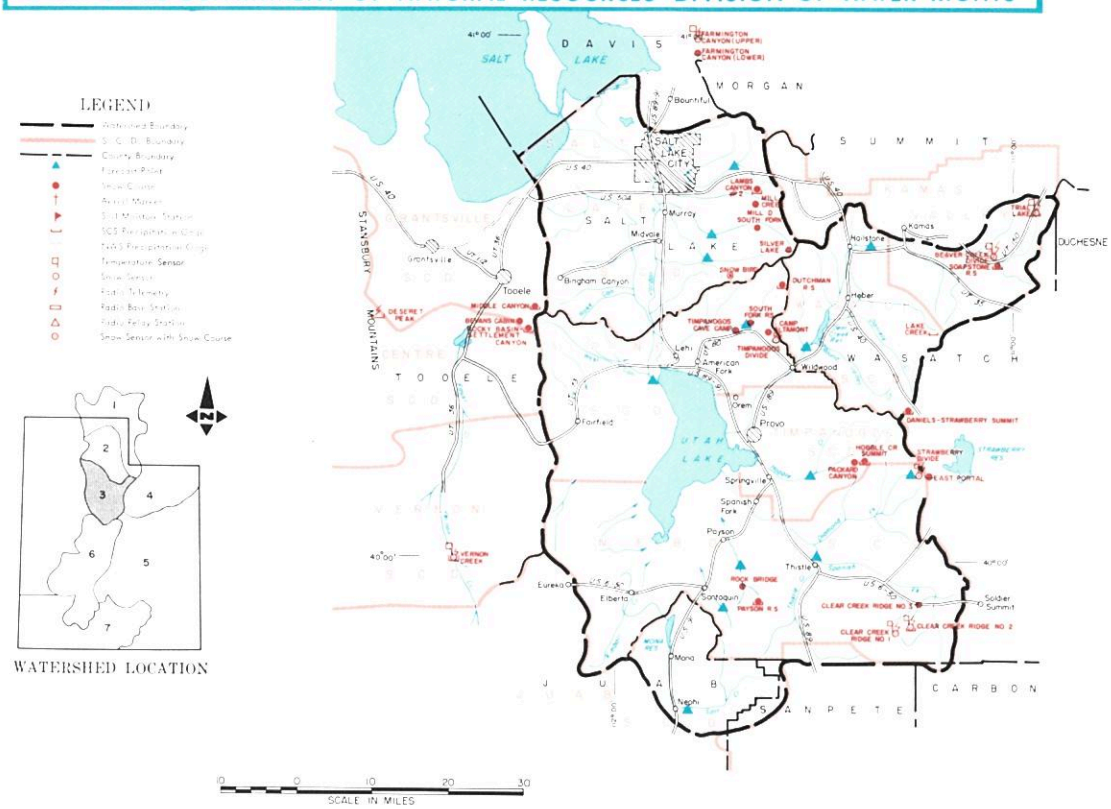
WATER SUPPLY OUTLOOK
UTAH LAKE, JORDAN RIVER and TOOELE VALLEY WATERSHEDS in UTAH

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



May 1, 1979

THE WATER SUPPLY OUTLOOK IS NEAR AVERAGE

SNOW COVER varies from 109% along the Salt Lake front to 113% in Tooele Valley. Vernon Creek measured about three times average and Beaver Creek Divide only about half average.

PRECIPITATION at mountain stations was below average and ranged from 23% of the April average at Timpanogos Divide to 78% at Vernon Creek.

SOIL MOISTURE is near average.

RESERVOIR STORAGE is above average.

STREAMFLOW FORECASTS range from 83% on Emigration Creek to 200% for Vernon Creek near Vernon. The Provo River is forecast 97% at Hailstone and 102% at Deer Creek Dam. Strawverry Reservoir is forecast 129%.

M7-OL-22027-3
USDA-SCS-PORTLAND, OR. 1978

UTAH LAKE, JORDAN RIVER and TOOELE VALLEY WATERSHEDS in UTAH

STREAMFLOW FORECASTS

BASIN, STREAM and/or FORECAST POINT	THIS YEAR FORECAST THOUSAND ACRE FEET: Thousand Acre Feet	THIS YEAR FORECAST THOUSAND ACRE FEET: Percent of Average	FORECAST PERIOD	PAST RECORD THOUSAND ACRE FEET: Last Year 2	PAST RECORD THOUSAND ACRE FEET: Average †
PROVO RIVER AND UTAH LAKE					
Provo nr Hailstone[1]	90	97	May-July	--	106
Provo below Deer Creek Dam[1]	100	102	May-July	--	100
American Fork nr American Fork	29	104	May-July	33	28
Hobble Creek or Springville	17.3	120	May-July	--	14.4b
Strawberry Reservoir Inflow[1]	54	129	May-July	50	42
Spanish Fork at Thistle	33	110	May-July	--	30b
Payson Creek nr Payson	5.3	104	May-July	--	5.1b
Utah Lake Inflow	180	103	May-July	--	174.3
JORDAN RIVER & SALT LAKE					
Little Cottonwood Crk nr SLC	31	89	May-July	--	35
Big Cottonwood nr SLC	34	100	May-July	38	34
Parley's Creek nr SLC	10.9	90	May-July	16	12.1
Mill Creek nr SLC	5.5	102	May-July	--	5.4
Emigration Creek nr SLC	2.4	83	May-July	--	2.9
City Creek nr SLC	6.1	88	May-July	--	6.9
TOOELE VALLEY					
Vernon Creek nr Vernon	1.2	200	May-July	--	0.6
Settlement Crk nr Tooele	2.3	--	May-July	--	--

SUMMARY of SNOW MEASUREMENTS (COMPARISON WITH PREVIOUS YEARS)

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	11	79	110
JORDAN RIVER & SALT LAKE	6	100	109
TOOELE VALLEY	4	115	113

1 - Observed flow corrected for change in storage and diversions
2 - Provisional flows - Subject to correction
a - Partly estimated

RESERVOIR STORAGE (Thousand Acre Feet)

BASIN OR STREAM	RESERVOIR	Usable Capacity	USEABLE STORAGE: This Year	USEABLE STORAGE: Last Year	USEABLE STORAGE: Average †
SPANISH FORK	Strawberry	270.0	176.3	164.3	166.0
UTAH LAKE	Utah Lake	883.9	898.0	792.9	775.5
	Settlement Creek	1.2	0.8	0.8	- -
	Vernon Creek	0.6	0.6	0.6	- -
PROVO	Deer Creek	149.7	93.7	119.4	115.1

PEAK FLOWS

FORECAST POINT	PEAK FLOW (SECOND FEET): Forecast Range	PEAK FLOW (SECOND FEET): Average †
Hobble Creek nr Springville	150 - 250	260b
Spanish Fork nr Thistle	450 - 650	482b
Big Cottonwood nr Salt Lake City	400 - 550	--

SNOW

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 †
Bevans Cabin	4/28	13	3.6	0.0	5.9
Camp Altamont	4/26	26	12.5	17.6	7.7
Clear Creek #1	4/25	46	19.1	22.8	17.7
Clear Creek #2	4/25	34	13.4	13.2	10.5
Clear Creek #3	4/25	0	0.0	0.0	0.1
Daniels-Strawberry Summit	4/24	29	12.7	16.2	9.5
Deseret Peak	4/25	69	24.9	36.7	- -
Dutchman R.S.	4/26	32	13.8	22.0	9.8
Hobble Creek Summit	4/24	32	13.5	13.5	7.7
Lambs Canyon #2	4/30	16	6.1	11.5	- -
Middle Canyon	4/28	28	12.5	4.9	10.4
Mill Creek	4/25	52	19.5	23.2	- -

SNOW

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 †
Mill D South Fork	4/26	33	14.6	16.8	16.2
Parleys Canyon Summit	4/30	26	11.6	20.8	14.6
Payson R.S.	4/25	41	16.6	21.5	15.8
Rocky Basin-Settlement Canyon	4/25	72	27.8	38.2	30.2
Silver Lake Brighton	4/26	63	31.4	36.5	27.6
Soapstone R.S.	4/24	16	5.6	4.7	7.9
South Fork R.S.		Not Measured			
Timpanogos Divide	4/26	53	24.0	35.6	22.0
Trial Lake	4/24	67	25.0	30.4	26.1
Vernon Creek	4/27	30	13.0	6.5	4.0b

a - Partly Estimated
e - Estimated

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WATER SUPPLY OUTLOOK

UINTAH BASIN and DAGGETT SCD's in UTAH

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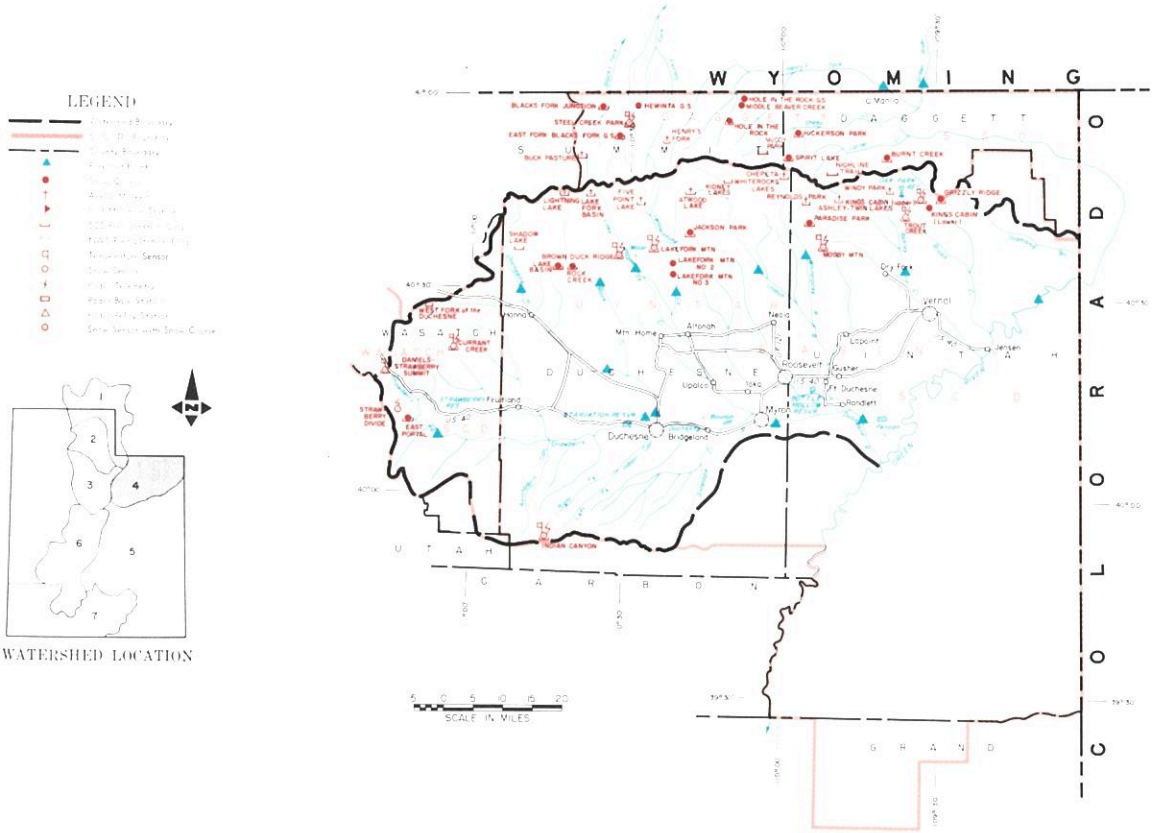
UTAH STATE DEPARTMENT OF NATURAL RESOURCES - DIVISION OF WATER RIGHTS



May 1, 1979

THE WATER SUPPLY OUTLOOK IS NEAR AVERAGE

SNOW COVER ranges from 76% of average on the north slope to 157% on Strawberry River. High aerial markers along the ridge of the Uintahs show near average snow water contents.

PRECIPITATION at mountain locations ranged from 21% of the April average at Currant Creek to 75% at Lakefork Mountain.

SOIL MOISTURE is near average on the south slope of the Uintahs, but below average on the north slope.

RESERVOIR STORAGE is still below average.

STREAMFLOW FORECASTS range from 81% on Henrys Fork to 135% for Strawberry at Duchesne. Lakefork is 104%, Ashley Creek 120%, and Duchesne at Tabiona 98%.

M7-OL-22027-4

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 2	PAST RECORD THOUSAND ACRE FEET Average †
DUCHESNE RIVER					
Duchesne nr Tabiona[1]	96	98	May-July	- -	98
Duchesne at Duchesne[1]	170	94	May-July	- -	180
Strawberry at Duchesne	65	135	May-July	- -	48
Rock Creek nr Mtn. Home	96	105	May-July	112	91
Currant Creek nr Fruitland	21	131	May-July	15	16
Lakefork below Moon Lake[1]	72	104	May-July	67	69
Yellowstone nr Altonah	66	105	May-July	51	63
Duchesne at Myton[1]	250	130	May-July	- -	193
Whiterocks nr Whiterock	60	103	May-July	46	58
Uintah nr Neola	88	99	May-July	68	89
Duchesne at Randlett[1]	275	124	May-July	134	222
West Fork Duchesne at Hanna	24	100	May-July	- -	24
FLAMING GORGE TO DUCHESNE RIVER					
Henry's Fork at Manila	44	81	Apr-Sept	- -	54
Black's Fork at Millburne	77	84	May-July	- -	92
Flaming Gorge Inflow[1]	1200	93	Apr-July	1470	1292
Ashley Creek nr Vernal	60	120	May-July	37	50

SUMMARY of SNOW MEASUREMENTS (COMPARISON WITH PREVIOUS YEARS)

RIVER BASIN and/or SUBWATERSHED	Number of Courses Averaged	THIS YEAR AS A PERCENT OF Last Year	THIS YEAR AS A PERCENT OF Average
DUCHESNE RIVER - TOTAL	11	104	124
LAKEFORK-YELLOWSTONE CREEKS	2	105	94
STRAWBERRY RIVER	3	101	157
UINTAH - WHITEROCKS RIVERS	2	105	127
ASHLEY CREEK	2	89	97
BLACK'S FORK	4	84	76

1 - Observed flow corrected for change in storage and diversions
2 - Provisional flows - Subject to correction

RESERVOIR STORAGE (Thousand Acre Feet)

BASIN OR STREAM	RESERVOIR	Usable Capacity	USEABLE STORAGE This Year	USEABLE STORAGE Last Year	USEABLE STORAGE Average†
ASHLEY CREEK	Steinaker	33.3	15.3	10.2	23.7
GREEN RIVER	Flaming Gorge	3749.0	2475.0	2065.0	- -
LAKE FORK	Moon Lake	35.8	12.0e	14.2	19.0
STRAWBERRY	Starvation	165.3	101.3	127.0	129.1b
UINTAH	Bottle Hollow	11.3	10.8	10.1	10.7b

PEAK FLOWS

FORECAST POINT	PEAK FLOW (SECOND FEET) Forecast Range	PEAK FLOW (SECOND FEET) Average †
Strawberry at Duchesne	900-1450	656
Ashley Creek nr Vernal	750-1200	1030

SNOW

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 †
Brown Duck Ridge	4/24	63	21.5	23.6	20.2e
Currant Creek	4/24	13	5.9	3.4	2.3b
Daniels-Strawberry	4/24	29	12.7	16.2	9.5
Hewinta G.S.	4/26	22	9.0	8.3	10.4
Hickerson Park	4/26	22	7.0	3.9	5.9b
Hole-in-the-Rock		Not Measured			
Hole-in-the-Rock G.S.		Not Measured			
Jackson Park	4/24	48	16.0	15.8	- -
Kings Cabin Upper	4/24	35	9.8	10.2	10.3

SNOW

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 †
Lakefork Mountain	4/24	36	10.7	12.3	11.9
Mosby Mountain	4/24	40	11.9	13.0	9.9
Paradise Park	4/24	54	18.8	16.2	14.3
Rock Creek Ranch	4/24	0	0.0	0.0	1.3b
Spirit Lake	4/26	44	15.3	12.1	15.5
Steel Creek Park	4/26	45	14.2	18.5	18.7
Strawberry Divide	4/30	48	20.1	20.1	- -
Trout Creek	4/24	33	9.9	9.4	- -

e - estimated

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

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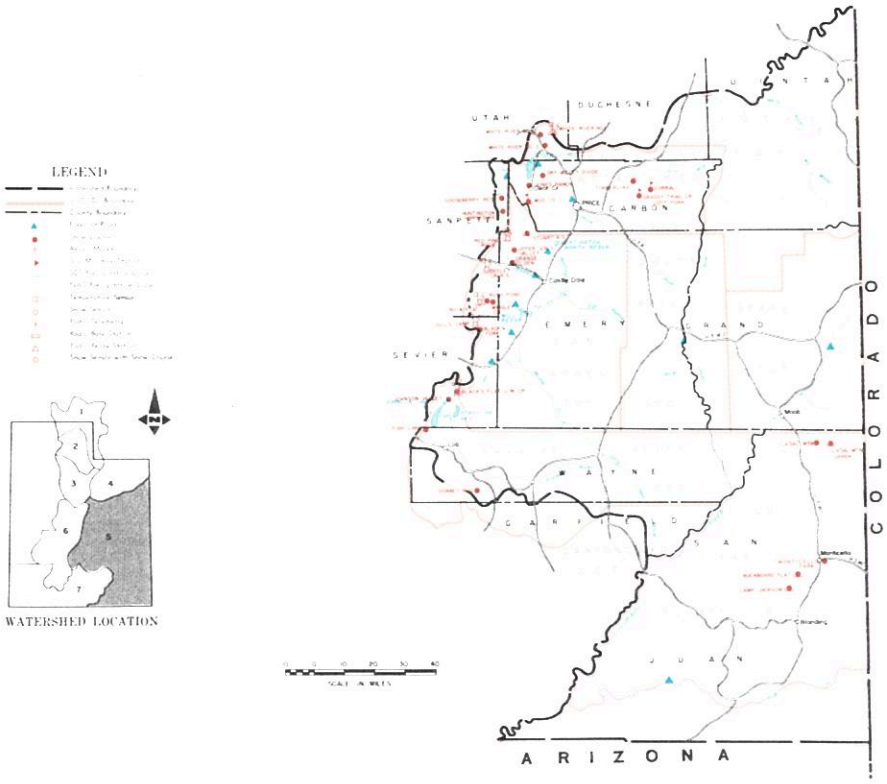
UTAH STATE DEPARTMENT OF NATURAL RESOURCES - DIVISION OF WATER RIGHTS



May 1, 1979

THE WATER SUPPLY OUTLOOK IS ABOVE AVERAGE

SNOW COVER varies from 125% on the San Rafael to 343% of the May 1 average on the Blue Mountains above Blanding and Monticello. Snow courses on Blue Mountains set a new May 1 record water content, about two inches higher than May 1, 1973.

PRECIPITATION at mountain stations ranged from 14% of the April average on Huntington Creek to 167% at Fish Lake. LaSal and Blue Mountains were about half average.

SOIL MOISTURE is above average in the mountains and near capacity in the valleys.

RESERVOIR STORAGE is above average.

STREAMFLOW FORECASTS range from 118% for the Green at Green River to 231% for the San Juan near Bluff. Scofield inflow is forecast 142%, Cottonwood 124%, Ferron Creek 138%, and Muddy Creek 135%.

USDA-SCS-PORTLAND, OR 1978 M7-OL-22027-5

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 2	PAST RECORD THOUSAND ACRE FEET Average +
PRICE RIVER					
Gooseberry Crk nr Scofield	13.0	138	May-July	15.6	9.4
Scofield Reservoir Inflow	45	142	May-July	46	31
Price nr Heiner[1]	73	140	May-July	- -	52b
SAN RAFAEL RIVER					
Huntington Crk nr Huntington	61	145	May-July	62	45b
Cottonwood Crk nr Orangeville	51	124	May-July	27	41b
Ferron Creek nr Ferron	44	138	May-July	37	32
MUDDY CREEK					
Muddy Creek nr Emery	21	135	May-July	25	15.5
UPPER COLORADO BASIN					
Colorado nr Cisco, Utah	4800	177	Apr-July	3884	2835
Green at Green River, Utah	3500	118	Apr-July	3560	2839
Mill Creek nr Moab	7.2	167	May-July	- -	4.3b
Navajo Reservoir Inflow	1400	230	Apr-July	- -	597
San Juan nr Bluff, Utah	2000	231	Apr-July	- -	853
FREMONT RIVER					
Seven Mile Crk nr Fish Lake	8.2	144	May-July	- -	5.7

SUMMARY of SNOW MEASUREMENTS (COMPARISON WITH PREVIOUS YEARS)

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	3	92	129
SAN RAFAEL RIVER	6	81	125
FREMONT RIVER	3	165	156
LASAL MOUNTAINS	2	102	181
BLUE MOUNTAINS	2	338	343

1 - Observed flow corrected for change in storage and diversions
2 - Provisional flows - Subject to correction

RESERVOIR STORAGE (Thousand Acre Feet)

BASIN OR STREAM	RESERVOIR	Usable Capacity	USEABLE STORAGE This Year	USEABLE STORAGE Last Year	USEABLE STORAGE Average +
PRICE RIVER	Scofield	65.8	40.7	26.1	36.9
SAN RAFAEL	Huntington North	3.9	3.7	3.8	3.9b
	Joe's Valley	54.6	40.7	29.2	39.1b
	Mill Site	16.7	11.1	3.8	- -
SAN JUAN	Navajo	1696.0	1247.8	1029.0	- -

+ - 1963-77 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	550-750	422
Muddy Creek near Emery	150-250	154

SNOW

DRAINAGE BASIN and/or SNOW COURSE NAME	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 +
Buck Flat	4/25	50	19.9	26.4	15.4
Buckboard Flat	4/25	50	22.0	4.6	7.1
Camp Jackson	4/25	52	22.3	8.5	5.8
Dills Camp	4/25	31	11.1	20.1	9.9a
Dry Valley Divide Alternate	4/25	16	5.6	1.8	- -
Huntington-Horseshoe	4/26	70	30.0	39.3	- -

SNOW

DRAINAGE BASIN and/or SNOW COURSE NAME	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 +
Mammoth-Cottonwood R.S.	4/26	54	25.0	30.3	19.1
Monticello City Park	4/26	0	0.0	0.0	- -
Mud Creek	4/27	27	9.6	12.7	7.9
Seeley Creek	4/25	54	20.5	24.8	17.2
White River #1	4/25	38	15.4	14.4	10.5
White River #3	4/27	0	0.0	0.0	1.0b

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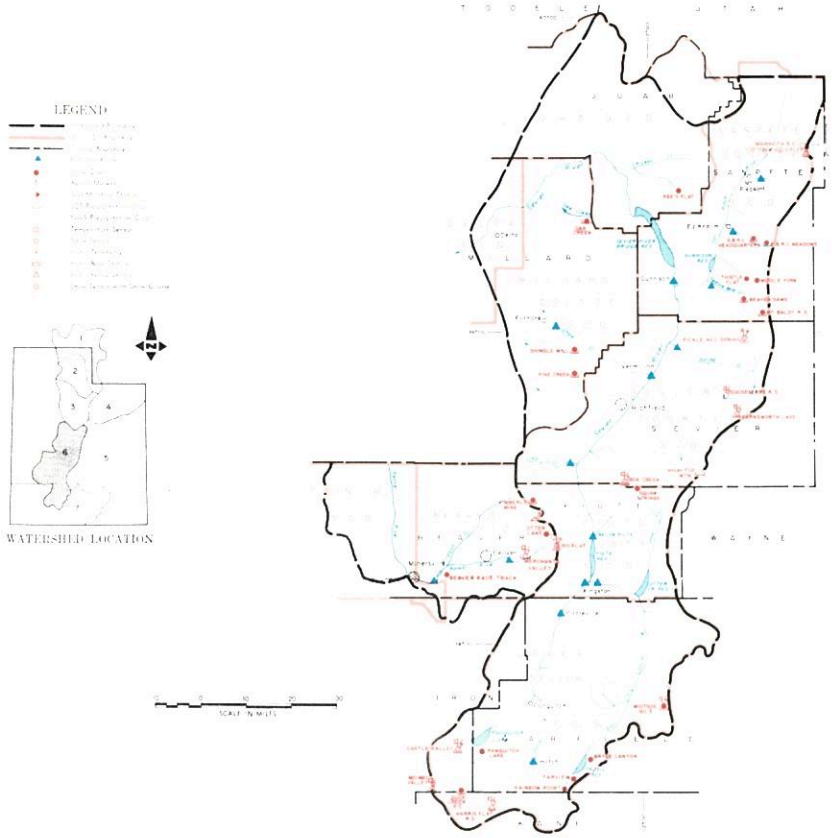
WATER SUPPLY OUTLOOK

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, 1979

THE WATER SUPPLY OUTLOOK IS ABOVE AVERAGE TO EXCELLENT

SNOW COVER ranges from 113% of the May 1 average on Lower Sevier to 252% on the South Fork above Kingston. The East Fork is now 175% and Beaver 192%.

PRECIPITATION at mountain stations ranged from 38% of the April average at Mt. Baldy on the Lower Sevier to 197% at Panguitch Lake on the Upper Sevier.

SOIL MOISTURE is above average on the Upper Sevier and near average on the Lower Sevier.

STREAMFLOW FORECASTS range from 117% for Chicken Creek near Levan to 229% for the South Fork Sevier near Kingston. The Sevier is forecast 234% at Hatch and 150% at Gunnison. Chalk Creek is forecast 122% and Beaver River 172% at Beaver and 296% for Minersville inflow.

RESERVOIR STORAGE on the Sevier is still below average. Minersville Reservoir is 117% of its May 1 average.

USDA-SCS-PORTLAND, OR 1977 M7-OL-22027-6

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 2	PAST RECORD THOUSAND ACRE FEET Average †
SEVIER RIVER					
Sevier at Hatch	82	234	May-July	45	35
Sevier nr Circleville	60	261	May-July	--	23
Sevier nr Kingston	52	299	May-July	--	16.9
Antimony Crk nr Antimony	12.5	223	May-July	--	5.7b
East Fork Sevier nr Kingston	30	288	May-July	--	10.5
Sevier below Piute Dam	79	293	May-July	--	27
Clear Crk nr Sevier (abv Div)	27	176	May-July	--	15.3
Inflow					
Kingston to Vermillion Dam	90	180	Apr-June	--	50
Vermillion Dam to Gunnison	50	143	Mar-June	--	35
Salina Creek at Salina	16.0	154	May-June	--	10.4
Sevier nr Gunnison	57	150	May-July	--	38
Chalk Creek nr Fillmore	16.0	122	May-July	--	13.1
Chicken Creek nr Levan	2.8	117	May-July	--	2.4
Oak Cr. nr Oak City	(DATA NOT AVAILABLE)				
SAN PITCH RIVER					
Ephraim Creek nr Ephraim	22.0	167	May-July	--	13.2b
Pleasant Crk nr Mt. Pleasant	11.5	146	May-July	--	7.9b
BEAVER RIVER					
Beaver nr Beaver	31	172	May-July	34	18.0
North Creek (Combined)	15.7	131	May-July	--	12.0b
Minersville Reservoir Inflow	16.0	296	May-June	--	5.4

SUMMARY of SNOW MEASUREMENTS (COMPARISON WITH PREVIOUS YEARS)

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	9	162	227
East Fork Sevier	3	152	175
South Fork Sevier	6	166	252
LOWER SEVIER	8	84	113
BEAVER RIVER	3	103	192

1 - Observed flow corrected for change in storage and diversions
2 - Provisional flows - Subject to correction

RESERVOIR STORAGE (Thousand Acre Feet)

BASIN OR STREAM	RESERVOIR	Usable Capacity	USEABLE STORAGE This Year	USEABLE STORAGE Last Year	USEABLE STORAGE Average †
SEVIER RIVER	Gunnison	18.2	17.2	9.4	14.9
	Otter Creek	52.5	43.7	32.3	39.5
	Piute	71.8	45.4	24.2	47.1
	Sevier Bridge	236.0	123.9	103.7	144.6
BEAVER RIVER	Minersville (Rky Fd)	23.3	17.9	8.8	15.3

b - Average of all past record - less than 15 years
† - 1963-77 15 Year Average Period
e - Estimated

PEAK FLOWS

FORECAST POINT	PEAK FLOW (SECOND FEET) Forecast Range	PEAK FLOW (SECOND FEET) Average †
Sevier River at Hatch	800 - 1200	428
Sevier River nr Kingston	700 - 1000	300
Clear Creek nr Sevier	350 - 450	--
Salina Creek nr Salina	700 - 900	--
Beaver River nr Beaver	350 - 550	211

SNOW

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 †
Big Flat	4/30	75	30.2	30.2	18.6
Bryce Canyon	4/30	7	2.9	0.0	--
Castle Valley	4/23	54	22.2	8.5	7.2
Duck Creek	4/26	52	25.4	18.6	7.8
Farnsworth Lake	4/30	55	22.4	24.0	22.2
Gooseberry R.S.	4/30	15	6.2	9.0	10.2

SNOW

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 †
Harris Flat	4/26	27	20.2	2.4	2.1
Kimberly Mine	4/30	51	22.4	17.4	15.8
Long Valley Junction	4/26	0	0.0	0.0	0.0b
Merchants Valley Upper	4/30	37	15.8	13.2	5.9b
Midway Valley	4/26	94	42.2	36.2	21.5
Otter Lake	4/30	57	24.4	24.8	12.1
Pickle Keg Springs	4/25	44	16.7	22.2	15.1b
Midtsoe-Escalante #3	4/23	57	21.2	12.8	9.0

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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, 1979

THE WATER SUPPLY OUTLOOK IS EXCELLENT

SNOW COVER ranges from 145% on Parowan Creek to 229% of the May 1 average on Coal Creek. Virgin River is now 197% of average.

PRECIPITATION at mountain stations varied from 14% of the April average at Little Grassy to 129% at Yankee Reservoir.

SOIL MOISTURE is above average.

RESERVOIR STORAGE is above average.

STREAMFLOW FORECASTS range from 155% for the inflow to Lake Powell to 294% on the Virgin near Hurricane.

USDA-SCS-PORTLAND, OR. 1979 M7-OL-22027-7

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	THIS YEAR FORECAST PERIOD	PAST RECORD THOUSAND ACRE FEET Last Year 2	PAST RECORD THOUSAND ACRE FEET Average +
VIRGIN RIVER					
Virgin nr Hurricane	91	294	May-June	- -	30
Santa Clara nr Pine Valley	5.5	145	May-June	- -	3.8
COAL CREEK					
Coal Creek nr Cedar City	31	218	May-July	- -	14.2
UPPER COLORADO					
Lake Powell Inflow	10800	155	Apr -July	8995	6881

2 - Provisional Flows - Subject to correction

SUMMARY of SNOW MEASUREMENTS (COMPARISON WITH PREVIOUS YEARS)

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	117	229
VIRGIN RIVER	3	101	197
PAROWAN CREEK	4	130	145

RESERVOIR STORAGE (Thousand Acre Feet)

BASIN OR STREAM	RESERVOIR	Usable Capacity	USEABLE STORAGE This Year	USEABLE STORAGE Last Year	USEABLE STORAGE Average +
COLORADO	Lake Powell	25002.0	17380.0	14996.0	- -
	Blue Mesa	829.5	274.0	289.5	- -

b - Average of all past record - less than 15 years
+ - 1963-77 15 year Average Period

PEAK FLOWS

FORECAST POINT	PEAK FLOW (SECOND FEET) Forecast Range	PEAK FLOW (SECOND FEET) Average +
Coal Creek nr Cedar City	1000 - 1400	269
Virgin nr Hurricane	1300 - 1800	---

SNOW

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 +
Birch Crossing	4/30	0	0.0	0.0	2.5b
Brian Head	4/30	73	32.6	29.2	20.8b
Harris Flat	4/26	27	20.2	2.4	2.1
Kolob-Crystal	4/30	78	38.9	37.0	22.5a
Little Grassy	4/27	0	0.0	0.0	0.2
Long Flat	4/30	0	0.0	0.0	2.3

SNOW

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 +
Long Valley Junction	4/26	0	0.0	0.0	0.0b
SUSC Ranch	4/26	24	11.5	3.8	2.5b
Tall Poles	4/30	42	18.8	14.8	12.3b
Webster Flat	4/30	59	32.7	33.6	13.8
Yankee Reservoir	4/30	25	10.4	3.6	7.0

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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	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
GREAT BASIN											
UPPER BEAR RIVER (Above Harer, Idaho)											
Big Park	4/30	44	17.8	27.4	22.7						
Burts-Miller Ranch	4/26	0	0.0	0.0	3.0	4/26	1.37	2.66b	8.57	14.66b	58
CCC Camp	4/27	22	8.4	10.2	10.4						
Hayden Fork	4/26	33	13.5	16.9	16.7	4/26	1.50	4.08b	21.43	24.14	89
Kelly R.S.	4/30	40	15.4	26.4	19.0						
Monte Cristo R.S.	4/25	54	24.7	28.9	27.6	4/25	4.80	5.22	30.42	31.17	98
Poison Meadows	4/30	60	26.6	41.0	32.3						
Salt River Summit	4/27	34	14.2	19.4	15.4	4/27	2.43	2.53	18.31	19.76	93
Snider Basin	4/30	27	12.2	19.6	16.2						
Stillwater Camp	4/26	17	6.1	4.3	10.2b	4/26	1.25	3.40	12.10	15.79	77
LOWER BEAR RIVER (Below Harer, Idaho)											
Bug Lake	4/26	46	19.1	18.2	19.2a						
Cub River R.S.	4/26	0	0.0	0.0	0.0						
Franklin Basin	4/25	56	24.8	33.5	27.0a						
Garden City Summit	4/25	42	18.1	17.5	18.5	4/25	1.94	3.10	21.21	22.33	95
Klondike Narrows	4/26	32	15.1	19.0	16.8	4/25	1.04	- -	19.03	- -	- -
Little Bear (lower)	4/25	0	0.0	0.0	2.1						
Little Bear (upper)	4/25	20	8.4	0.0	6.7						
Steep Hollow #1	4/25	87	38.6	47.6	40.8						
Steep Hollow #2	4/25	49	22.3	32.6	25.2						
Tony Grove Lake	4/25	76	34.4	48.8	37.6a						
Tony Grove R.S.	4/25	10	4.2	0.0	3.8	4/25	.48	- -	19.62	- -	- -
Willow Flat	4/26	22	10.2	4.2	5.5b	4/25	1.38	4.62b	23.99	27.51	87
OGDEN RIVER											
Beaver Creek-Skunk Creek	4/26	16	7.4	3.6	7.1						
Ben Lomond Peak	4/25	93	44.6	56.9	37.2						
Ben Lomond Trail	4/25	35	15.4	- -	7.7b	4/25	2.68	5.38b	30.84	34.12b	92
Causey Dam						4/25	1.61	2.42	15.06	16.64	91
Dry Bread Pond	4/25	44	19.3	21.4	19.0	4/25	2.80e	4.44b	- -	25.28	- -
North Fork		Not Measured									
Sagebrush Flat	4/25	0	0.0	0.0	0.0	4/25	1.97	2.48b	15.76	16.83	94
WEBER RIVER											
Beaver Creek R.S.	4/24	0	0.0	0.0	1.3						
Chalk Creek #1	4/26	50	20.4	24.4	25.4						
Chalk Creek #2	4/26	29	11.3	10.6	15.3						
Chalk Creek #3	4/26	0	0.0	0.0	3.5	4/26	1.83	3.45b	12.25	17.39b	70
East Shingle Lake (A)	4/27	75	27.8	35.3	- -						
Farmington Canyon (lower)	4/25	63	29.7	29.9	22.5	4/25	3.88	6.29b	30.54	33.92	90
Farmington Canyon (upper)	4/25	79	35.1	44.1	33.3						
Farmington G.S.						4/25	4.94	- -	27.05	- -	- -
Horse Ridge	4/25	44	20.0	21.6	20.8b	4/25	3.86	4.74b	27.77	28.38	98
Killfoil Creek	4/25	34	14.2	9.2	10.3b						
Lost Creek Reservoir	4/26	0	0.0	0.0	0.0b	4/25	1.23	- -	12.40	- -	- -
Park City Summit		Not Measured									
Parley's Canyon Summit	4/30	26	11.6	20.8	14.6	4/30	4.54	5.03	23.40	27.58	85
Redden Mine (lower)		Not Measured									
Redden Mine (upper)							Not Measured				
Sergeant Lake (A)	4/27	36	14.0	20.6	- -						
Smith & Morehouse	4/26	18	7.1	6.5	10.0	4/26	1.80	4.26	16.82	22.01	76
PROVO RIVER & UTAH LAKE											
Beaver Creek Divide	4/24	10	3.8	4.0	8.7a						
Camp Altamont	4/26	26	12.5	17.6	7.7						
Clear Creek Ridge #1	4/25	46	19.1	22.8	17.7						
Clear Creek Ridge #2	4/25	34	13.4	13.2	10.5	4/25	1.95	3.31	20.02	19.37	103
Clear Creek Ridge #3	4/25	0	0.0	0.0	0.1						
Dutchman R.S.	4/26	32	13.8	22.0	9.8	4/26	1.50	4.17b	- -	24.99	- -
Hobble Creek Summit	4/24	32	13.5	13.5	7.7	4/24	1.30	3.20	20.00	20.39	98
Payson R.S.	4/25	41	16.6	21.5	15.8	4/25	2.20	3.58	24.05	21.53	112
Rock Bridge		Not Measured									
Soapstone R.S.	4/24	16	5.6	4.7	7.9	4/24	.95	3.57	16.14	19.79	82
South Fork R.S.		Not Measured									
Timpanogos Cave Camp	4/26	0	0.0	0.0	- -						

+ 1958-1972 period.

USDA-SCS-PORTLAND, OR 1977 M7-0-22027 D

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 cont'd											
Timpanogos Divide	4/26	53	24.0	35.6	22.0	4/26	1.00	4.30	31.45	29.39	107
Trial Lake	4/24	67	25.0	30.4	26.1	4/24	1.89a	4.89	26.66	28.73	93
JORDAN RIVER & GREAT SALT LAKE											
Bevan's Cabin	4/28	13	3.6	0.0	5.9						
Deseret Peak	4/25	69	24.9	36.7	- -						
Lamb's Canyon #2	4/30	16	6.1	11.5	- -	4/30	3.29	- -	20.04	- -	- -
Middle Canyon	4/28	28	12.5	4.9	10.4	4/28	3.20	4.28b	21.70	20.20	107
Mill Creek	4/25	52	19.5	23.2	- -						
Mill D South Fork	4/26	33	14.6	16.8	16.2						
Mt. Dell Dam							Data Delayed				
Rocky Basin-Settlement Canyon	4/25	72	27.8	38.2	30.2						
Silver Lake (Brighton)	4/26	63	31.4	36.5	27.6		Data Delayed				
Snow Bird (Gad Valley)	4/29	94	42.0	51.8	- -						
Vernon Creek	4/27	30	13.0	6.5	4.0b	4/27	2.00	2.58b	21.00	17.85	118
UPPER SEVIER RIVER (South of Richfield, Utah)											
Box Creek	4/30	45	17.6	13.6	12.1	4/30	4.72	2.99	24.62	16.88	146
Bryce Canyon	4/30	7	2.9	0.0	- -						
Castle Valley	4/23	54	22.2	8.5	7.2	4/23	6.20	3.24	29.25	17.13	171
Duck Creek R.S.	4/26	52	25.4	18.6	7.8						
Farview	4/30	19	10.7	- -	- -						
Harris Flat	4/26	27	20.2	2.4	2.1						
Kimberly Mine	4/30	51	22.4	17.4	15.8	4/30	6.12	4.44b	28.50	22.61	126
Midway Valley	4/26	94	42.2	36.2	21.5						
Panguitch Lake	4/23	19	6.5	0.4	0.8	4/23	2.95	1.50	16.85	9.39	179
Rainbow Point	4/30	36	17.0	- -	- -						
Squaw Springs	4/30	15	6.2	3.3	4.6						
Widtsoe-Escalante #3	4/23	57	21.2	12.8	9.0	4/23	1.60	3.14	25.90	15.21	170
LOWER SEVIER RIVER (Including San Pitch River)											
Beaver Dams	4/25	26	11.5	8.7	1.4	4/25	1.66	3.27	20.50	16.34	125
Farnsworth Lake	4/30	55	22.4	24.0	22.2	4/30	6.01	4.69	23.91	24.25	99
G.B.R.C. Headquarters	4/25	47	20.4	20.3	16.1	4/25	2.90	4.26	24.70	22.55	110
G.B.R.C. Majors						5/1	2.00	2.15b	13.85	10.66	130
G.B.R.C. Meadows	4/25	71	28.8	35.6	25.1	4/25	2.30	5.17	30.17a	26.84	112
G.B.R.C. Oaks						5/1	2.30	3.01	17.15	14.88	115
Gooseberry R.S.	4/30	15	6.2	9.0	10.2	4/30	4.60	3.61b	18.25	16.52b	110
Mammoth-Cottonwood Creek	4/26	54	25.0	30.3	19.1						
Middle Fork		Not Measured									
Mt. Baldy R.S.	4/25	80	33.8	- -	24.2	4/25	1.50	3.93	29.80	20.83	143
Oak Creek		Not Measured									
Pickle Keg Springs	4/25	44	16.7	22.2	15.1b						
Pine Creek	4/30	32	14.8	24.4	13.6	4/30	8.11	5.88	28.02	29.35	105
Ree's Flat	4/25	28	9.7	11.4	- -	4/25	2.00	- -	17.61	- -	- -
Shingle Mill	4/27	0	0.0	- -	3.2b	4/27	- -	3.87b	19.25	19.55	98
Thistle Flat		Not Measured									
BEAVER RIVER											
Beaver Race Track	4/27	0	0.0	0.0	- -						
Beaver Canyon Power House						4/30	5.40	2.30	22.59	10.83	209
Big Flat	4/30	75	30.2	30.2	18.6	4/30	5.90	3.47	29.49	19.00	155
Merchant's Valley (upper)	4/30	37	15.8	13.2	5.9b	4/30	5.96	2.96b	24.93	17.21	145
Otter Lake	4/30	57	24.4	24.8	12.1						
PAROWAN CREEK											
Birch Crossing	4/30	0	0.0	0.0	2.5b						
Brian Head	4/30	73	32.6	29.2	20.8b						
Tall Poles	4/30	42	18.8	14.8	12.3b	4/30	1.50	3.48b	21.55	18.37b	117
Yankee Reservoir	4/30	25	10.4	3.6	7.0	4/30	3.88	3.01	20.23	15.14	134
ENTERPRISE TO NEW HARMONY DRAINAGES											
Little Grassy Creek	4/27	0	0.0	0.0	0.2	4/27	.25	1.80	26.20	16.29	161
Long Flat	4/30	0	0.0	0.0	2.3	4/30	.78	2.27	21.43	13.90	154

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+ 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
COAL CREEK											
Cedar City Golf Course		Not Measured									
SUSC Ranch	4/26	24	11.5	3.8	2.5b						
COLORADO RIVER DRAINAGE											
UPPER GREEN RIVER - UTAH											
Ashley-Twin Lakes (A)	4/27	51	15.3	20.2	16.4b						
Black's Fork G.S.-East Fork	4/26	22	7.6	9.8	9.9	4/26	1.24a	3.35	11.66	15.29	76
Black's Fork Junction	4/26	15	5.3	6.4	8.7	4/26	1.14a	3.08	10.80	14.70	73
Buck Pasture (A)	4/27	45	15.3	18.2	- -						
Burnt Creek		Data Delayed									
Dutch John Junction		Data Delayed									
Grizzly Ridge		Data Delayed									
Henry's Fork (A)	4/27	36	11.5	16.3	14.0b						
Hewinta G.S.	4/26	22	9.0	8.3	10.4	4/26	1.33a	3.59	12.48	16.15	77
Hickerson Park	4/26	22	7.0	3.9	5.9b	4/26	- -	3.56b	10.07	12.97	78
King's Cabin (upper)	4/24	35	9.8	10.2	10.3						
Reynolds Park (A)	4/27	58	20.3	17.0	- -						
Spirit Lake	4/26	44	15.3	12.1	15.5	4/26	- -	4.94b	18.08	18.55	97
Steel Creek Park	4/26	45	14.2	18.5	18.7						
Trout Creek	4/24	33	9.9	9.4	- -						
Windy Park (A)	4/27	36	10.8	13.0	11.0b						
DUCHESNE RIVER											
Atwood Lake (A)	4/27	42	13.9	15.3	- -						
Brown Duck Ridge	4/24	53	21.5	23.6	20.2a	4/24	- -	- -	20.95	- -	- -
Chepeta-Whiterocks (A)	4/27	53	18.6	15.5	14.9b						
Currant Creek	4/24	13	5.9	3.4	2.3b	4/24	.50	2.41b	21.92	16.20	135
Daniels-Strawberry Summit	4/24	29	12.7	16.2	9.5	4/24	1.30	3.28	22.40	21.09	106
East Portal	4/30	15	6.8	5.5	4.4b	4/30	1.88	2.99b	21.76	19.72	110
Five Points Lake (A)	4/27	48	14.4	19.8	- -						
Indian Canyon	4/25	46	16.9	15.0	10.9	4/25	1.22e	2.68	21.88a	15.46	142
Jackson Park	4/24	48	16.0	15.8	- -	4/24	- -	- -	18.86	- -	- -
Lakefork Basin (A)	4/27	62	21.1	24.4	- -						
Lakefork Mountain	4/24	36	10.7	12.3	11.9	4/24	2.32a	3.08	15.99	15.70	102
Lakefork Mountain #3	4/24	7	2.4	0.2	2.1						
Lightning Lake (A)	4/27	68	23.1	24.8e	- -						
Mosby Mountain	4/24	40	11.9	13.0	9.9	4/24	.93	3.18b	18.23	15.18	120
Paradise Park	4/24	54	18.8	16.2	14.3	4/24	2.33a	3.91	24.45	16.96	144
Rock Creek Ranch	4/24	0	0.0	0.0	1.3b						
Strawberry Divide	4/30	48	20.1	20.1	- -						
PRICE RIVER											
Gooseberry Reservoir						4/26	1.70	3.60	26.29	21.71	121
Dry Valley Divide Alternate	4/25	16	5.6	1.8	- -						
Mud Creek	4/27	27	9.6	12.7	7.9	4/27	.70	2.96	19.15a	17.21	111
White River #1	4/25	38	15.4	14.4	10.5	4/25	.90	2.84	19.98	16.06	124
White River #3	4/27	0	0.0	0.0	1.0b						
SAN RAFAEL RIVER											
Buck Flat	4/25	50	19.9	26.4	15.4	4/25	1.70	3.24	24.45	20.45	120
Huntington-Horseshoe	4/26	70	30.0	39.3	- -						
Orange Olsen	4/27	0	0.0	0.0	- -	4/27	.00	1.13b	12.25	8.53	144
Red Pine Ridge	4/26	42	15.9	21.1	14.8	4/25	1.90	3.60	24.60	23.39	105
Seeley Creek R.S.	4/25	54	20.5	24.8	17.2	4/25	2.52	- -	- -	- -	- -
Stuart R.S.	4/27	3	0.8	1.8	1.8	4/27	.30	2.15	14.98	13.77	109
Upper Joe's Valley	4/25	19	8.0	9.5	5.7						
Wrigley Creek	4/25	37	13.4	13.5	8.1						
MUDDY RIVER											
Black's Fork	4/25	40	14.4	21.3	- -						
Dill's Camp	4/25	31	11.1	20.1	9.9a	4/25	1.10	- -	20.91	- -	- -
FREMONT RIVER											
Black's Flat-U.M. Creek	4/30	30	11.8	11.4	8.8	4/30	3.19	2.65	18.27	14.75	124
Donkey Reservoir	4/30	18	6.8	- -	- -						
Fish Lake	4/30	26	11.3	0.0	5.4	4/30	3.60	2.16	15.40	11.34	136
Johnson Valley	4/30	15	5.9	6.2	4.4						

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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
SOUTHEASTERN UTAH DRAINAGES											
Buckboard Flat	4/25	50	22.0	4.6	7.1	4/25	1.47	2.75	32.56	20.89	156
Camp Jackson	4/25	52	22.3	8.5	5.8	4/25	1.25	2.42	34.63	19.20	180
LaSal Mountain (lower)	4/26	21	8.4	6.1	4.3						
LaSal Mountain (upper)	4/26	52	22.2	23.9	12.6	4/26	1.50	2.99	23.24	17.17	135
Monticello City Park	4/26	0	0.0	0.0	- -						
VIRGIN RIVER											
Kolob-Crystal	4/30	78	38.9	37.0	22.5a						
Long Valley Junction	4/26	0	0.0	0.0	0.0b						
Webster Flat	4/30	59	32.7	33.6	13.8	4/30					

a - Partly Estimated
b - Average of past record in average period - less than 15 years
+ - 1963-77 15 year average period
(A) - Aerial Marker Reading

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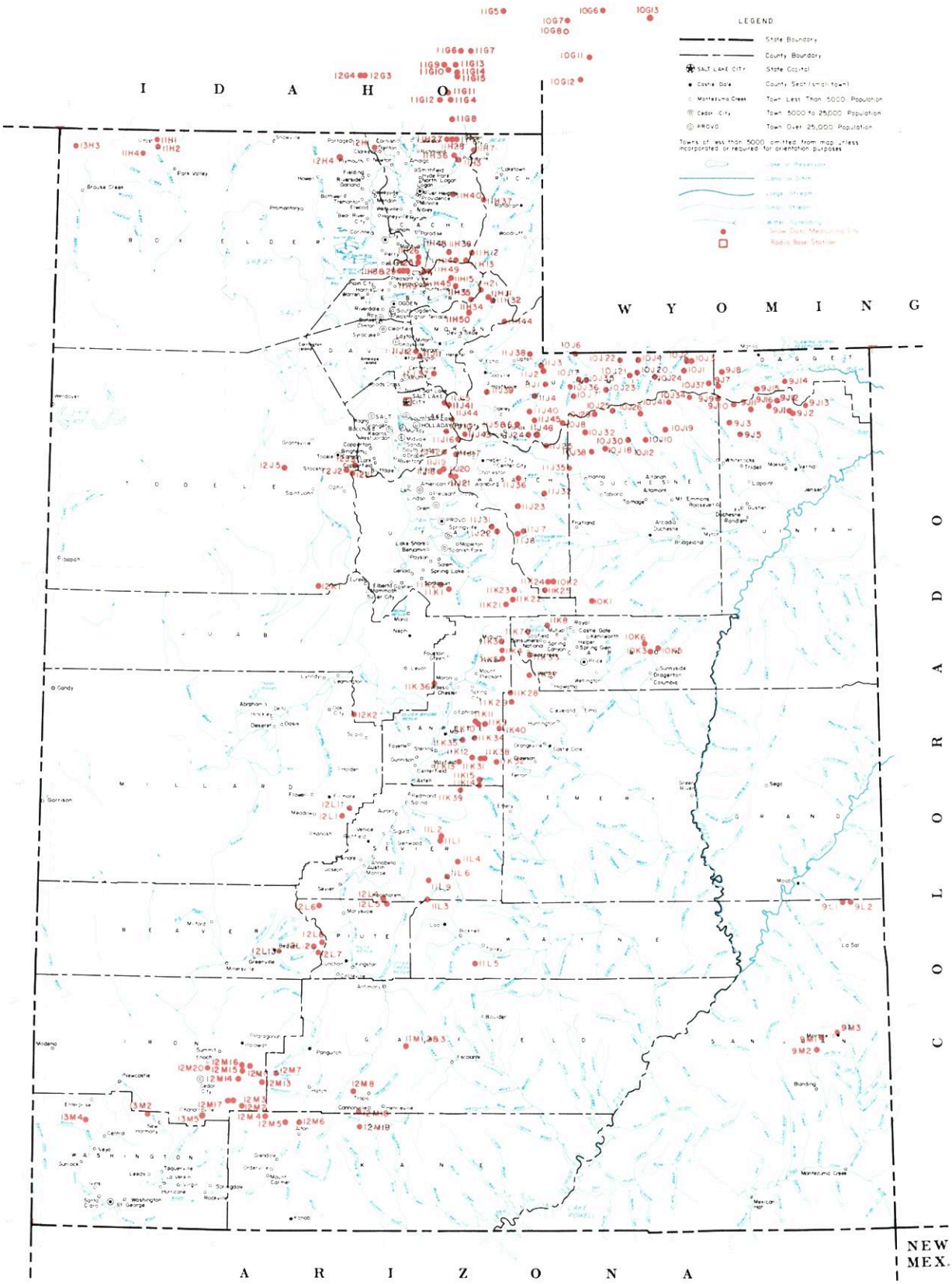
+ 1958-1972 period



SNOW COURSES AND RELATED DATA MEASURING SITES

UTAH

1978

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	15	1N	9E	10,000
10J7PST	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	9,050
11H12PST	U	Monte Cristo R.S.	4	8N	4E	8,960
10G6	W	Poison Meadows x	29	30N	116W	8,500
10G8P	W	Salt River Summit x	32	29N	118W	7,900
10G13MP	W	Snyder Basin x	15	29N	115W	8,400
10J17P	U	Stillwater Camp	32	2N	10E	8,550
		LOWER BEAR RIVER (below Harer, Idaho)				
11H37pST	U	Bug Lake	18	11N	5E	7,950
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
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
11G8MPST	I	Franklin Basin	1	16S	41E	8,000
11H7MP	U	Garden City Summit	34 & 35	14N	4E	7,600
11H40p	U	Herd Hollow	3	11N	3E	7,200
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)	16	8N	1E	6,000
11H25PST	U	Little Bear (upper)	22	8N	1E	6,550
12G3	I	Oxford Mountain	32	13S	37E	6,800
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
11H36PST	U	Tony Grove Lake	5	13N	3E	8,400
11H3MP	U	Tony Grove Ranger Station	11	13N	3E	6,250
11G4P	I	Willow Flat	2	15S	41E	6,100
		RAFT RIVER				
13H2a	U	Clear Creek Meadows	26	14N	14W	9,050
13H4PS	U	George Peak	4	13N	14W	9,000
13H1	U	One Mile Summit	17	14N	14W	7,330
13H3a	U	ViPont	17	14N	17W	7,670
		OGDEN RIVER				
11H14M	U	Beaver Creek-Skunk Creek	22	8N	3E	7,150
11H8PST	U	Ben Lomond Peak	3	7N	1W	8,000
11H9PST	U	Ben Lomond (lower)	1	7N	1W	5,680
11H35p	U	Causey Dam	34	7N	3E	5,500
11H29	U	Cutler Creek	3	7N	1W	6,780
11H13MPST	U	Dry Bread Pond	19	8N	4E	8,350
11H34p	U	Guilder's Peak	21	6N	4E	8,050
11H45p	U	Middle Fork Ogden	16	7N	2E	8,420
11H49	U	Powder Mountain Hideaway	6	7N	2E	8,250
11H48	U	Powder Mountain Sundown	1	7N	1E	8,400
11H15P	U	Sagebrush Flat	21	7N	3E	6,300
		WEBER RIVER				
11J24	U	Beaver Creek R.S.	28	2S	7E	7,500
11J1PST	U	Chalk Creek #1	4	1N	8E	9,100
11J2MPST	U	Chalk Creek #2	29	2N	8E	8,200
11J3MP	U	Chalk Creek #3	7	2N	8E	7,500
11J45a	U	East Shingle Lake	6	2S	8E	9,750
11J12P	U	Farmington Canyon (lower)	15	3N	1E	6,950
11J11PST	U	Farmington Canyon (upper)	23	3N	1E	8,000
11H44p	U	Francis Canyon	29	5N	6E	7,400
11J37p	U	Hardscrabble	22	2N	2E	6,700
11H21PST	U	Horse Ridge	25	7N	4E	8,260
11H31	U	Kilfoil Creek	20	6N	5E	7,300
11H32P	U	Lost Creek	27	6N	5E	7,300
11J43	U	Park City Summit	30	2S	4E	9,300
11J15PST	U	Parley's Canyon Summit	5	1S	3E	7,500
11H50	U	Pine Canyon	6	5N	4E	8,000
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	9	1N	6E	8,300
11J40p	U	Shingle Mill Flat	22	1S	7E	9,040
11J4PST	U	Smith & Morehouse	25	1N	7E	7,600
		PROVO RIVER & UTAH LAKE				
11J46PST	U	Beaver Creek Divide	25	2S	7E	8,280
11J20	U	Camp Altamont	29	4S	3E	7,300
11K21PST	U	Clear Creek Ridge #1	18	11S	6E	9,200
11K22PST	U	Clear Creek Ridge #2	9	11S	6E	8,000
11K23	U	Clear Creek Ridge #3	27	10S	6E	6,600
11J17P	U	Dutchman R.S.	27	3S	3E	7,560
11J22P	U	Hobble Creek Summit	27	7S	5E	7,420
11J36P	U	Lake Creek	36	4S	6E	9,000
11J31	U	Packard Canyon	21	7S	5E	6,400
11K1P	U	Payson R.S.	30	10S	3E	8,050
11K2	U	[illegible] Bridge	14	10S	2E	6,750
		PROVO RIVER & UTAH LAKE (continued)				
11J25P	U	Soapstone R.S.	9	3S	8E	7,800
11J19	U	South Fork R.S.	24	4S	2E	6,100
11J18	U	Timpanogos Cave Camp	27	4S	2E	5,500
11J21PST	U	Timpanogos Divide	33	4S	3E	8,140
10J8PST	U	Trial Lake	5	2S	9E	9,960
		JORDAN RIVER & GREAT SALT LAKE				
12J2	U	Bevan's Cabin	24	4S	4W	6,450
12J5P	U	Deseret Peak	15	4S	7W	9,250
11J41P	U	Lamb's Canyon #2	21	1S	3E	7,500
12J3P	U	Middle Canyon	8	4S	3W	7,000
11J44	U	Mill Creek	25	1S	2E	6,950
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	9,700
12K1PST	U	Vernon Creek	21	10S	5W	7,500
		UPPER SEVIER RIVER (South of Richfield, Utah)				
12L4PST	U	Box Creek	33	26S	2W	9,300
12M8	U	Bryce Canyon	36	36S	4W	8,000
12M13PST	U	Castle Valley	23	36S	8W	9,580
12M4P	U	Duck Creek R.S.	11	38S	8W	8,700
12M18	U	Farview	32	37S	4W	8,200
12M5PST	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
12M2MPST	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
		LOWER SEVIER RIVER (Including San Pitch River)				
11K13P	U	Beaver Dam	22	19S	3E	8,000
11L1PST	U	Farnsworth Lake	34	23S	2E	9,600
11K11P	U	G.B.R.C. Headquarters	21	17S	4E	8,700
11K10P	U	G.B.R.C. Meadows	27	17S	4E	10,000
11L2PST	U	Gooseberry R.S.	21	23S	2E	8,000
11K3MPST	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
12K2P	U	Oak Creek	9	17S	3W	7,760
11K39PST	U	Pickle Keg Springs	4	21S	3E	9,000
12L1PS	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	19	18S	3E	8,760
		BEAVER RIVER				
12L13	U	Beaver Race Track	23	29S	7W	6,020
12L7PST	U	Big Flat	7	29S	4W	10,290
12L12PST	U	Merchant's Valley (upper)	8	29S	5W	8,750
12L8	U	Otter Lake	12	29S	5W	9,600
		PAROWAN CREEK				
12M16	U	Birch Crossing	23	35S	9W	8,100
12M14	U	Brian Head	10	36S	9W	10,000
12M15P	U	Tall Poles	26 & 35	35S	9W	8,800
12M11P	U	Yankee Reservoir	20	35S	8W	8,700
		ENTERPRISE TO NEW HARMONY DRAINAGES				
13M4MP	U	Little Grassy Creek	14	38S	18W	6,100
13M2MPST	U	Long Flat	2	38S	14W	8,000
		COAL CREEK				
12M20	U	Cedar City Golf Course	11	36S	11W	5,800
12M17	U	SUSC Ranch	18	37S	9W	8,200

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	2	1N	11E	9,700
9J14P	U	Burnt Creek	4	1N	20E	7,900
9J13P	U	Grizzly Ridge	8	1S	22E	8,500
10J24ap	U	Henry's Fork	29	2N	14E	10,000
10J4P	U	Hewinta G.S.	33	3N	13E	9,500
9J8P	U	Hickerson Park	13	2N	17E	9,100
9J15p	U	Highline Trail	24	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 & [illegible]	1S	21E	8,640
9J1PST	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	8,650
9J10aP	U	Reynolds Park	9	1S	18E	10,400
9J7P	U	Spirit Lake	10	1N	17E	10,300
10J20PST	U	Steel Creek Park	17	2N	13E	10,100
9J16PST	U	Trout Creek	9	1S	20E	9,400
9J12ap	U	Windy Park	2	1S	20E	9,400
		DUCHESNE RIVER				
10J41ap	U	Atwood Lake	13	4N	4W	10,840
10J30PST	U	Brown Duck Ridge	8	2N	6W	10,600
9J9ap	U	Chepeta-Whiterocks Lakes	3	4N	1W	10,350
11J32MPST	U	Current Creek	26	1S	11W	8,000
11J23MPST	U	Daniels-Strawberry Summit	20	2S	12W	8,000
11J7P	U	East Portal	36	7S	6E	7,560
10J26ap	U	Five Point Lake	28	4N	5W	11,000
10K1PST	U	Indian Canyon	2	11S	10E	9,100
10J19P	U	Jackson Park	25	3N	4W	10,600
10J34p	U	Kidney Lake	28	5N	3W	11,000
10J25ap	U	Lakefork Basin	13	4N	7W	11,100
10J10PST	U	Lakefork Mountain	2 & 3	2N	5W	10,200
10J12	U	Lakefork Mountain #3	20	2N	4W	8,400
10J29ap	U	Lightning Lake	23	4N	8W	10,500
9J5PST	U	Mosby Mountain	33	3N	1E	9,500
9J3P	U	Paradise Park	7	3N	1E	10,100
10J18P	U	Rock Creek	21	2N	7W	7,900
10J32p	U	Shadow Lake	29	3N	8W	10,150
11J8PST	U	Strawberry Divide	2	4S	12W	8,400
11J35P	U	West Fork of the Duchesne	22	1N	11W	9,480
		PRICE RIVER				
10K5M	U	Corral	32	13S	14E	8,200
11K8	U	Dry Valley Divide	14	11S	7E	7,900
10K3M	U	Grassy Trail Creek-Left Fork	1	14S	13E	7,970
11K7	U	Jones Ranch	32	12S	7E	7,600
11K33MP	U	Mud Creek	4	14S	7E	8,600
10K6	U	Timberline	23	13S	13E	9,100
10K2MPST	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				
11K31PST	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
11K40P	U	Orange Olsen	31	17S	6E	7,200
11K28PST	U	Red Pine Ridge	5	16S	6E	9,200
11K38	U	Rush Pond	24	19S	4E	9,800
11K9PST	U	Seeley Creek	25	17S	4E	10,000
11K27P	U	Stuart R.S.	8	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
11K15PST	U	Dill's Camp	27	20S	4E	9,200
		FREMONT RIVER				
11L4P	U	Black's Flat-U.M. Creek	33	24S	3E	9,400
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	9,850
9M3	U	Monticello Park	25	33S	23E	7,050
		ESCALANTE RIVER				
11M1	U	Widtsoe-Escalante Summit	22	34S	1W	9,500
11M2PST	U	Widtsoe-Escalante #2	22	34S	1W	9,500
11M3PST	U	Widtsoe-Escalante #3	22	34S	1W	9,500
		VIRGIN RIVER				
13M5PST	U	Kolob-Crystal	2	38S	11W	9,250
12M6	U	Long Valley Junction	22	38S	6W	7,500
12M3MPST	U	Webster Flat	20	37S	9W	9,200

LEGEND
Numbering System (example)

10J7	Snow Course Only
10J7E	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
10J7ME	Snow Course, Soil Moisture Station and Precipitation Gage
10J7a	Aerial Marker Only
10J7p	Storage Precipitation Gage Only
10J7PS	Snow Course, Precipitation Gage, Snow Pillow and Temperature
10J7PST	Snotel Data Site

Water Supply Outlook For Utah

SOIL CONSERVATION SERVICE
U.S. DEPARTMENT OF AGRICULTURE

Cooperating with

UTAH STATE DEPARTMENT of NATURAL RESOURSES
-- DIVISION of WATER RIGHTS

AS OF
JUNE 1, 1979

WATER SUPPLY OUTLOOK FOR UTAH

and

FEDERAL - STATE - PRIVATE COOPERATIVE SNOW SURVEYS

Issued by

R. M. DAVIS

ADMINISTRATOR
SOIL CONSERVATION SERVICE
WASHINGTON, D.C.

Released by

GEORGE D. McMILLAN

STATE CONSERVATIONIST
SOIL CONSERVATION SERVICE
SALT LAKE CITY, UTAH

In Cooperation with

UTAH STATE DEPT. OF NATURAL RESOURCES

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State Engineer
Division of Water Rights

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SOIL CONSERVATION SERVICE
SNOW SURVEY SECTION
4012 FEDERAL BUILDING
SALT LAKE CITY, UTAH 84138

USDA-SCS-PORTLAND, OR. 1978 M7-L-22027B

WATER SUPPLY OUTLOOK

as of
June 1, 1979

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* * * * * * * * * * * * * * * * * * * * * * * * * * * *
* Utah's 1979 water supply outlook continues to be near *
* average in northern Utah, while southern Utah will    *
* have above average supplies. Warm temperatures and    *
* below normal precipitation have resulted in rapid     *
* snow melt with resultant early runoff. Streamflow     *
* forecasts for the remaining runoff period will be     *
* slightly below May 1 predictions.                     *
* * * * * * * * * * * * * * * * * * * * * * * * * * * *
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SNOW COVER

Limited ground measurements were taken this month, as there was little snow to be found at all but the highest locations. The warm temperatures and winds during May resulted in rapid snow melt, with many northern Utah sites baring out early in the month.

PRECIPITATION

Precipitation activity during May was limited to thunderstorm activity in northern Utah, and resulted in below average catches. Southern Utah did received more widespread rainfall, however, totals for the month were only near average. Seasonal totals continue the below to near average trend in northern Utah, while southern Utah amounts are above average.

SOIL MOISTURE

Watershed soils were drier than earlier anticipated, and soaked up early snow melt water. Profiles have improved, but northern Utah is still below normal, while southern Utah soils are above average.

RESERVOIR STORAGE

Major facilities are full or will fill shortly. Minersville Reservoir is reported to be near it's emergency spillway elevation, with inflow continued high.

STREAMFLOW

The U.S. Geological Survey reports that flows in May were near normal in the northern part of the state, in the above normal range in east-central Utah, and excessive in the south. Seasonal increases were recorded on most index streams in the north, while southern streams had sharp increases, with the Beaver River two times median.

The level of the Great Salt Lake reached its highest elevation for the water year on May 15, 1979, at 4199.90 feet. By months end it was down to 4199.80 feet.

Irrigation with Surface Spring Runoff - Be Cautious

Fred Christenson
Irrigation Water Management Specialist

June 4, 1979

What will the irrigator do with the extra early summer runoff? All too often, this plentiful water supply is used for an early presoaking of the grass and legume crops. The water is either used on corrugations or contour ditch (wild flooding) as long as it is available. The irrigator is then confident he has filled the soil profile to full capacity, and water will be available later in the summer when the runoff has ceased.

However, this seemingly good management practice has its drawbacks, and the crop will most likely suffer. First of all, the cold water will retard plant growth. Secondly, the saturated soil has a greatly reduced air content in the normal root zone and is highly detrimental to root growth. Consequently, the roots will draw water from near the surface rather than the normal three to five foot depth. Later in the summer the plant with an underdeveloped root zone will not produce it's anticipated growth. Frequent irrigations can be expected.

Another factor to consider is the possible soil erosion. As the water is continuously run over the soil, the intake rate diminishes, and the soil particles will be loosened and carried away.

For the above reasons, the extra runoff should be used in good judgement, and better yet, used for other beneficial means.

For further information or assistance, contact your local Soil Conservation Service office.

SOIL CONSERVATION SERVICE

SNOTEL SYSTEM

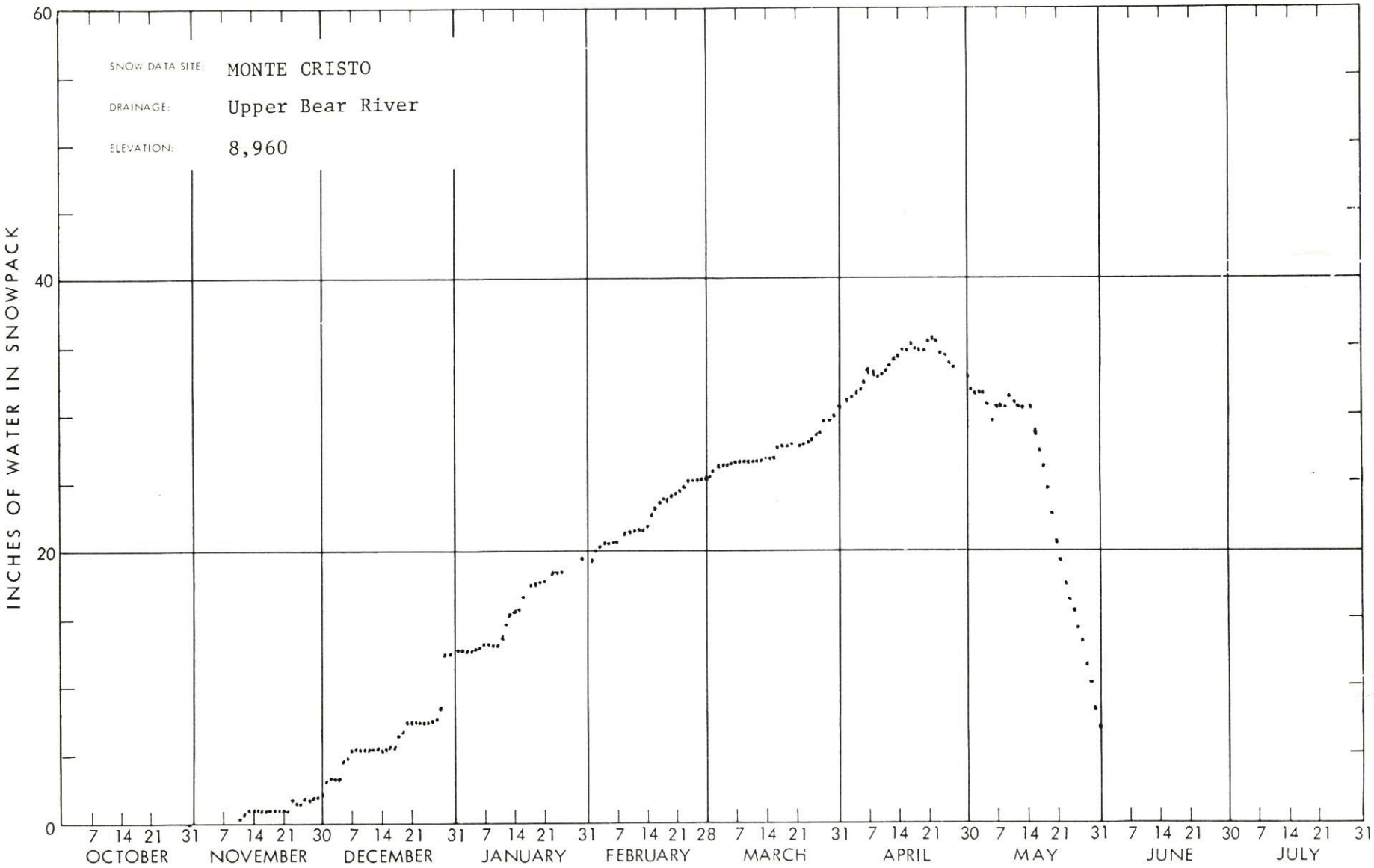
This winter, Utah's 40 operational SNOTEL data collection stations have been reporting twice daily information on snowpack conditions.

This automated system will ultimately include 63 sites in Utah and over 500 west-wide.

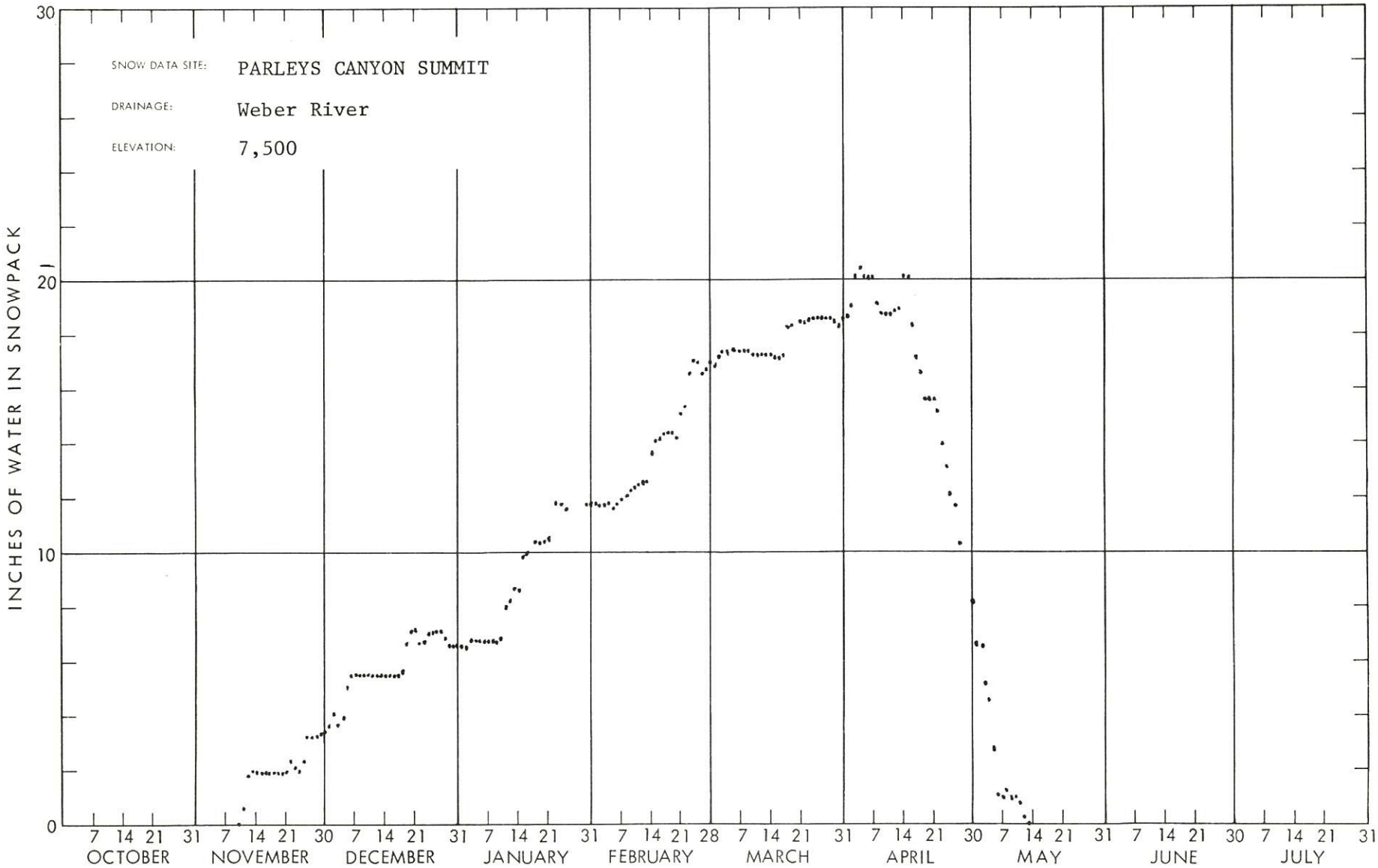
Daily information on snow water content, accumulated precipitation totals, air temperature, and other related data provides hydrologists with timely information which can aid water users in making important decisions. This system can additionally be used as a warning system for flood potential, fire weather monitoring, and remote area weather conditions.

Snowpack graphs for a scattering of Utah SNOTEL sites accompanies this report. Data for this year is available on 40 sites.

WSFB-X13C


SNOW DATA SITE: MONTE CRISTO
DRAINAGE: Upper Bear River
ELEVATION: 8,960
INCHES OF WATER IN SNOWPACK
60
40
20
0
7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 31 7 14 21 28 7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 30 7 14 21 31
OCTOBER
NOVEMBER
DECEMBER
JANUARY
FEBRUARY
MARCH
APRIL
MAY
JUNE
JULY

WSFB-X138


SNOW DATA SITE: PARLEYS CANYON SUMMIT
DRAINAGE: Weber River
ELEVATION: 7,500
INCHES OF WATER IN SNOWPACK
30
20
10
0
7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 31 7 14 21 28 7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 30 7 14 21 31
OCTOBER
NOVEMBER
DECEMBER
JANUARY
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MARCH
APRIL
MAY
JUNE
JULY

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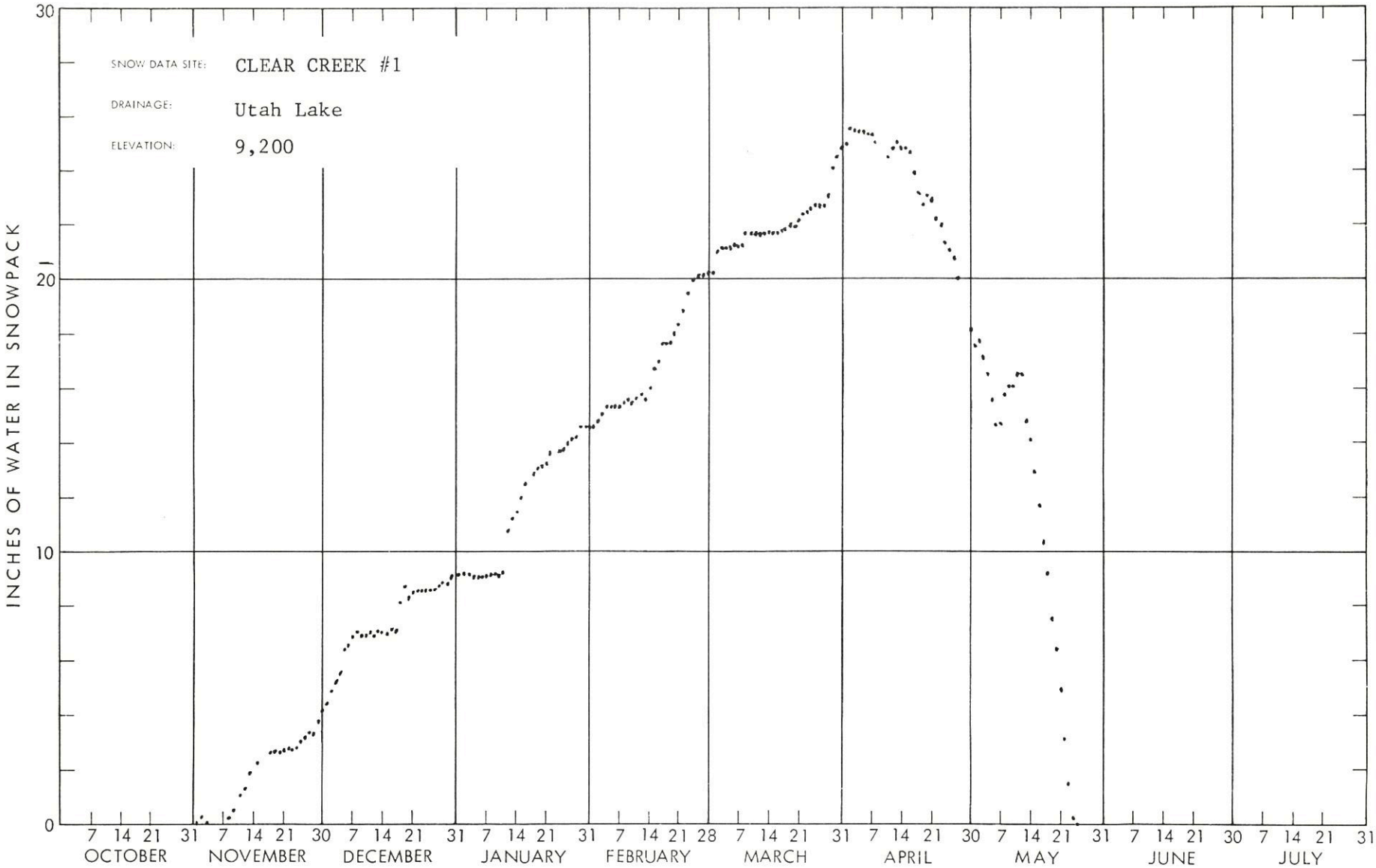
SNOW DATA SITE: CLEAR CREEK #1
DRAINAGE: Utah Lake
ELEVATION: 9,200
INCHES OF WATER IN SNOWPACK
30
20
10
0
7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 31 7 14 21 28 7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 30 7 14 21 31
OCTOBER
NOVEMBER
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JUNE
JULY

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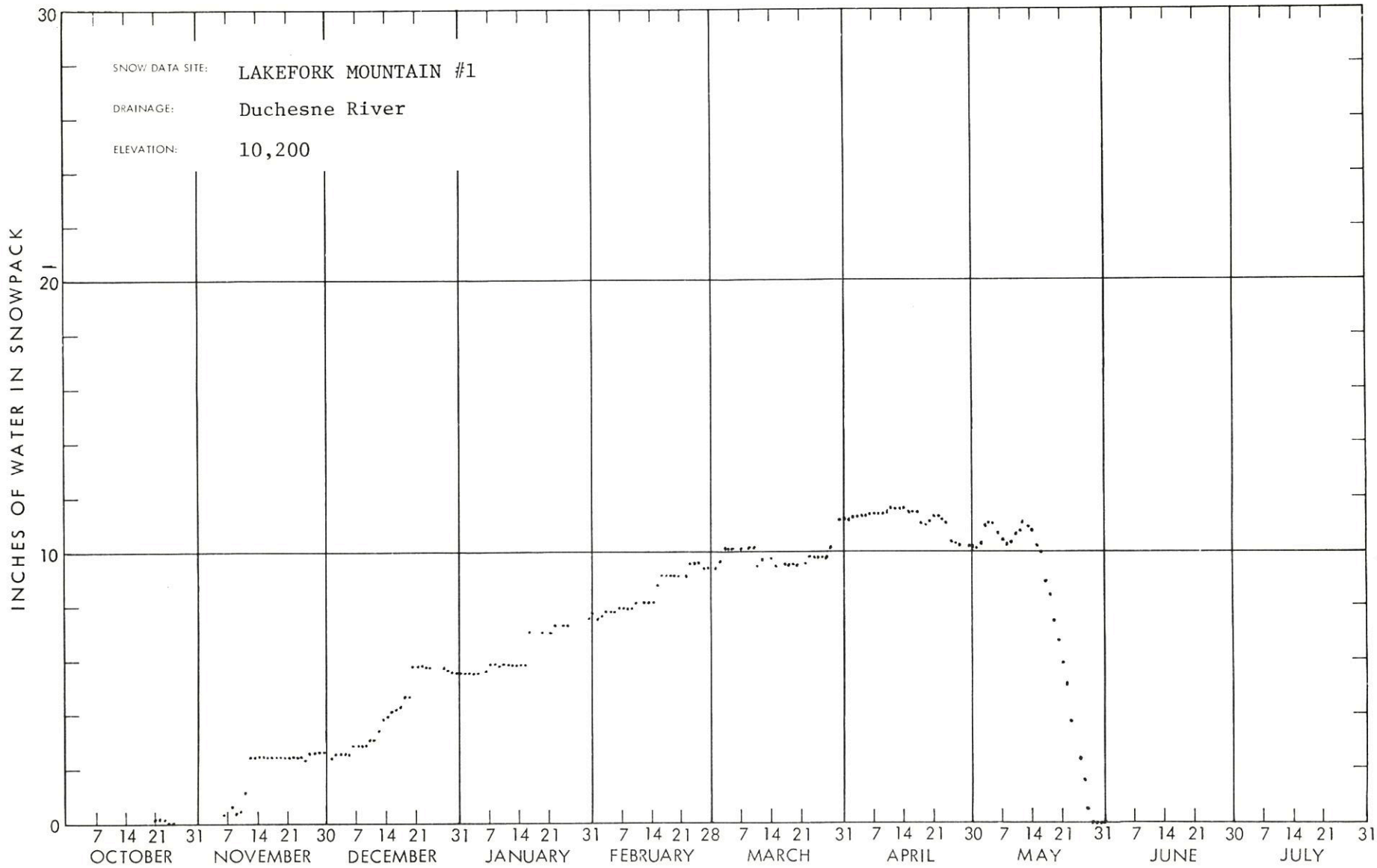
SNOW DATA SITE: LAKEFORK MOUNTAIN #1
DRAINAGE: Duchesne River
ELEVATION: 10,200
INCHES OF WATER IN SNOWPACK
30
20
10
0
7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 31 7 14 21 28 7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 30 7 14 21 31
OCTOBER
NOVEMBER
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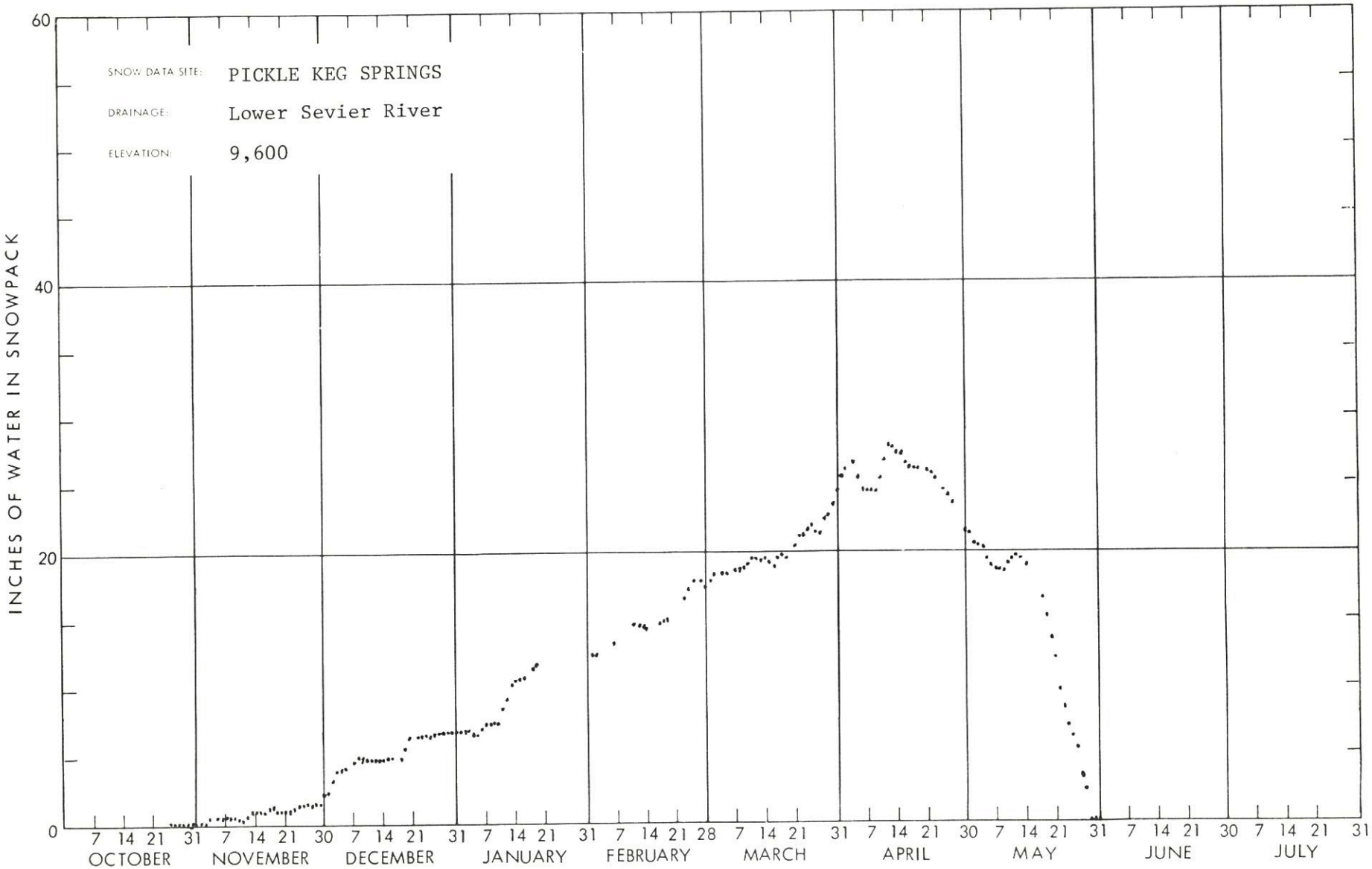
JUNE
JULY

WSFB-X13C


SNOW DATA SITE: PICKLE KEG SPRINGS
DRAINAGE: Lower Sevier River
ELEVATION: 9,600
INCHES OF WATER IN SNOWPACK
60
40
20
0
7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 31 7 14 21 28 7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 30 7 14 21 31
OCTOBER
NOVEMBER
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JULY

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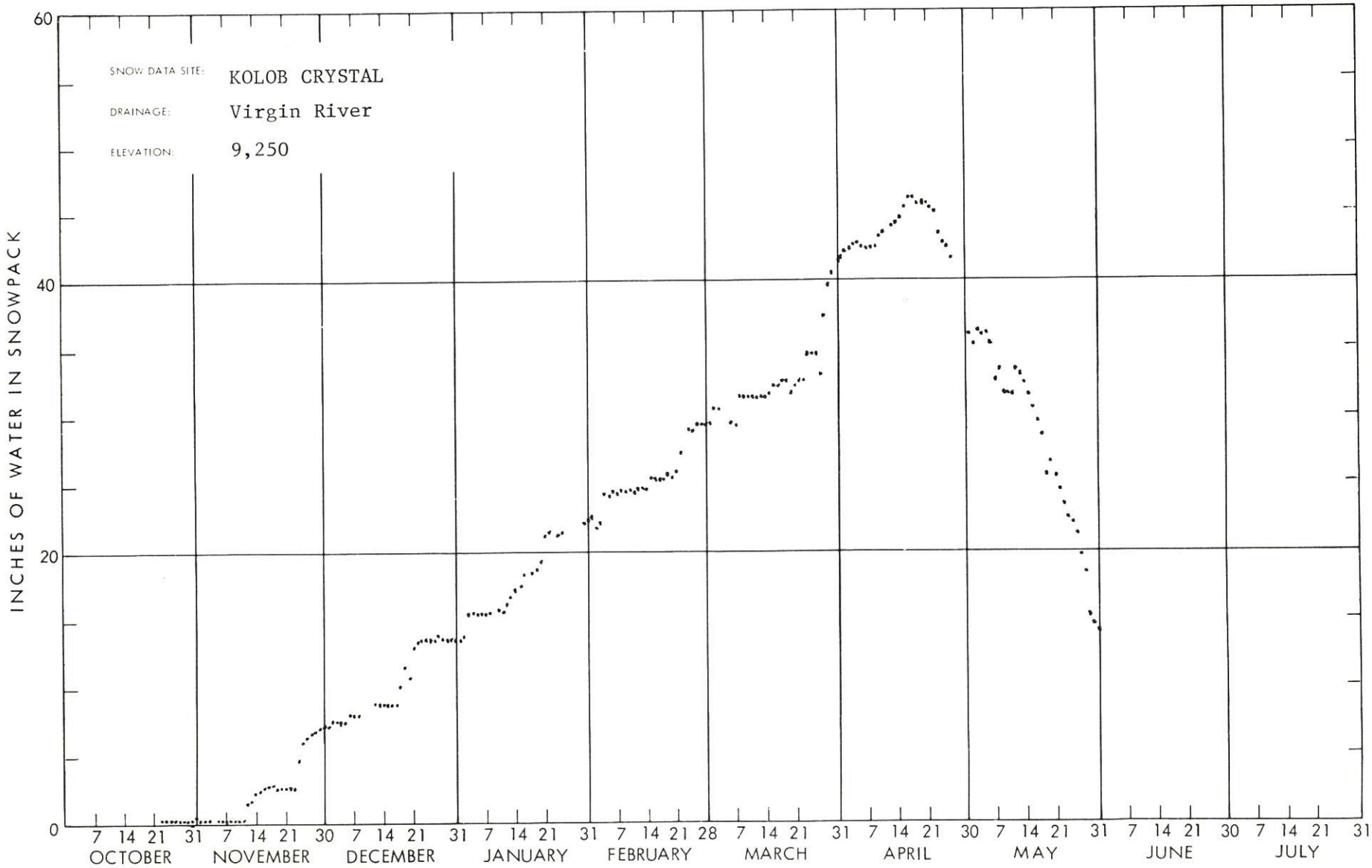

SNOW DATA SITE: KOLOB CRYSTAL
DRAINAGE: Virgin River
ELEVATION: 9,250
INCHES OF WATER IN SNOWPACK
60
40
20
0
7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 31 7 14 21 28 7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 30 7 14 21 31
OCTOBER
NOVEMBER
DECEMBER
JANUARY
FEBRUARY
MARCH
APRIL
MAY
JUNE
JULY

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	2 Years Ago	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)											
Burts-Miller Ranch	5/25	0	0.0	0.0	0.0		Not Measured				
Hayden Fork	6/1	0	0.0a	0.8	0.0	6/1	2.40a	3.02b	23.83a	27.16	87
Monte Cristo R.S.	5/29	4	1.7	19.6	0.0	5/29	3.92	2.83	34.34	34.00	101
Salt River Summit						5/31	1.19	1.47	19.50	21.23	91
Stillwater Camp	5/25	0	0.0	0.0	0.0		Not Measured				
LOWER BEAR RIVER (Below Harer, Idaho)											
Bug Lake	6/1	0	0.0a	0.0	- -						
Cub River R.S.		Data Delayed									
Franklin Basin	6/1	0	0.0a	19.8	0.0						
Garden City Summit	5/30	0	0.0	0.0	0.0	5/30	2.16	2.14b	23.37	24.47	95
Klondike Narrows	5/30	0	0.0	0.0	0.0	5/30	2.74	- -	21.77	- -	- -
Little Bear (lower)	5/29	0	0.0	0.0	0.0						
Little Bear (upper)	5/29	0	0.0	0.0	0.0						
Steep Hollow #1		Not Measured									
Steep Hollow #2	5/30	0	0.0	8.9	0.0						
Tony Grove Lake	6/1	0	0.0a	30.2	0.0						
Tony Grove R.S.	5/30	0	0.0	0.0	0.0	5/30	1.95	- -	21.57	- -	- -
Willow Flat						6/1	2.65	2.85b	26.64	30.36	87
OGDEN RIVER											
Beaver Creek-Skunk Creek	5/29	0	0.0	0.0	0.0						
Ben Lomond Peak	6/1	32	14.2a	31.3	1.9						
Ben Lomond Trail	5/29	0	0.0	- -	- -	5/29	3.34	3.05b	34.18	37.17b	91
Causey Dam						5/29	1.53	1.86b	16.59	18.50	89
Dry Bread Pond	5/29	0	0.0	2.7	0.0	6/1	2.80a	2.62b	- -	27.90	- -
Sagebrush Flat	5/29	0	0.0	0.0	0.0	5/29	1.82	1.75b	17.58	18.58	94
WEBER RIVER											
Beaver Creek R.S.	5/25	0	0.0	0.0	0.0						
Chalk Creek #1	6/1	6	3.1a	17.6	0.0						
Chalk Creek #2	6/1	0	0.0a	0.0	0.0	6/1	1.50a	2.25	- -	19.64	- -
Chalk Creek #3	5/25	0	0.0	0.0	0.0	5/25	1.15	- -	13.40	- -	- -
East Shingle Lake (A)	5/25	24	12.0e	38.9	0.0						
Farmington Canyon (lower)	6/1	0	0.0a	0.0	0.0		Not Measured				
Farmington Canyon (upper)	6/1	0	0.0a	21.1	0.0						
Farmington G.S.	6/1	0	0.0a	- -	- -						
Horse Ridge	5/25	0	0.0	0.0	0.0	6/1	2.50a	2.62b	30.27	31.00	97
Killfoil Creek	6/1	0	0.0	0.0	0.0						
Lost Creek Reservoir	6/1	0	0.0	0.0	0.0						
Parley's Canyon Summit	5/31	0	0.0	0.0	0.0	5/31	1.35	2.80	24.75	30.38	81
Redden Mine (lower)		Not Measured									
Redden Mine (upper)							Not Measured				
Sergeant Lake (A)	5/25	0	0.0	2.2	0.0						
Smith & Morehouse	5/25	0	0.0	0.0	0.0	5/25	1.17	2.46	17.99	24.47	73
PROVO RIVER & UTAH LAKE											
Beaver Creek Divide	6/1	0	0.0a	0.0	0.0						
Camp Altamont	5/29	0	0.0	0.0	0.0						
Clear Creek Ridge #1	5/29	0	0.0	4.0	0.0						
Clear Creek Ridge #2	4/29	0	0.0	0.0	0.0	5/29	1.70	2.01	21.72	21.38	101
Clear Creek Ridge #3	5/29	0	0.0	0.0	0.0						
Dutchman R.S.	5/29	0	0.0	0.0	0.0	5/29	1.60	2.64b	- -	27.63	- -
Hobble Creek Summit	5/29	0	0.0	0.0	0.0	5/29	1.60	2.15	21.60	22.54	95
Payson R.S.	5/30	0	0.0	0.0	0.0	5/30	1.75	1.98	25.80	23.51	109
Rock Bridge	5/30	0	0.0	0.0	0.0						
Soapstone R.S.	5/25	0	0.0	0.0	0.0	5/25	1.23	2.05	17.37	21.84	79
South Fork R.S.	5/31	0	0.0	0.0	0.0						
Timpanogos Cave Camp	5/29	0	0.0	0.0	0.0						
Timpanogos Divide	5/29	0	0.0	4.4	0.0	4/29	1.80	2.78	33.25	32.17	103
Trial Lake	5/25	34	17.5	30.5	0.0	5/25	1.68	2.72	28.34	31.45	90
JORDAN RIVER & GREAT SALT LAKE											
Lamb's Canyon #2	5/30	0	0.0	0.0	0.0	5/30	1.18	- -	21.23	- -	- -
Middle Canyon	5/31	0	0.0	0.0	0.0	5/31	2.30	2.86b	24.00	23.06	104

USDA-SCS-PORTLAND, OR. 1977 M7-0-22027-D

+ 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	2 Years Ago	CURRENT INFORMATION Date of Reading	Month's Precipitation	Average +	FROM APPROX. OCT 1 TO DATE This Year	Average +	Percent of Average
JORDAN RIVER & GREAT SALT LAKE (cont'd)											
Mill Creek	5/30	0	0.0	6.5	- -						
Mill D South Fork	5/30	0	0.0	0.0	- -						
Mt. Dell Dam							Data Delayed				
Silver Lake (Brighton)	5/30	0	0.0	- -	- -		Data Delayed				
Vernon Creek	5/31	0	0.0	0.0	0.0	5/31	2.45	2.05b	23.45	19.90	117
UPPER SEVIER RIVER (South of Richfield, Utah)											
Box Creek		Not Measured									
Castle Valley	5/30	0	0.0	0.0	0.0	5/30	2.28	1.62	31.53	18.75	168
Duck Creek R.S.	5/30	0	0.0	0.0	0.0	5/30	2.00	1.91	32.93	21.55	152
Harris Flat	5/30	0	0.0	0.0	0.0						
Kimberly Mine	5/29	8	3.3	10.2	0.0	5/29	4.23	2.15b	32.73	24.76	132
Midway Valley	5/30	44	23.2	26.0	0.0	5/30	1.50	- -	- -	- -	- -
Panguitch Lake	5/30	0	0.0	0.0	0.0	5/30	1.27	1.04	18.12	10.43	173
Squaw Springs		Not Measured									
LOWER SEVIER RIVER (Including San Pitch River)											
Beaver Dams	6/1	0	0.0	0.0	0.0	6/1	2.60	2.10b	23.10	18.44	125
Farnsworth Lake		Not Measured									
G.B.R.C. Headquarters	6/1	0	0.0	2.4	0.0	6/1	3.10	2.38	27.80	24.93	111
G.B.R.C. Majors						6/1	2.05	1.51b	15.90	12.17	130
G.B.R.C. Meadows		Not Measured									
G.B.R.C. Oaks						6/1	2.30	1.78	19.45	16.66	116
Gooseberry R.S.	6/1	0	0.0	0.0	0.0	6/1	3.15	- -	21.40	- -	- -
Mammoth-Cottonwood Creek	5/31	0	0.0	12.4	0.0						
Middle Fork		Not Measured									
Mt. Baldy R.S.		Not Measured									
Oak Creek	5/30	0	0.0	0.0	0.0	5/30	- -	1.83b	24.27	21.62	112
Pickle Keg Springs	6/1	0	0.0a	5.8	0.0						
Pine Creek	5/30	0	0.0	13.2	0.0		Molested				
Ree's Flat		Not Measured									
Shingle Mill	5/30	0	0.0	0.0	0.0	5/30	2.95	2.14b	22.20	21.69	102
Thistle Flat		Not Measured									
Widtsoe-Escalante #3	5/30	6	2.4	0.0	2.4e	5/30	2.55	1.81	28.45	17.02	167
BEAVER RIVER											
Beaver Race Track	5/31	0	0.0	0.0	0.0						
Beaver Canyon Power House							Data Delayed				
Big Flat	6/1	64	27.7a	26.8	0.0	6/1	3.00a	2.71	32.49a	21.71	149
Merchant's Valley (upper)	5/29	0	0.0	0.0	0.0	5/29	2.66	1.88	27.59	19.09	144
Otter Lake		Not Measured									
PAROWAN CREEK											
Birch Crossing		Not Measured									
Brian Head	5/30	35	17.8	18.4	0.0						
Tall Poles	5/30	0	0.0	0.0	0.0	5/30	2.70	1.42b	24.25	19.79b	122
Yankee Reservoir	5/30	0	0.0	0.0	0.0	5/30	2.72	1.43	22.95	16.57	138
ENTERPRISE TO NEW HARMONY DRAINAGES											
Little Grassy Creek		Data Delayed									
Long Flat		Data Delayed									
COAL CREEK											
Cedar City Golf Course	5/30	0	0.0	0.0	0.0						
SUSC Ranch	5/30	0	0.0	0.0	0.0						
COLORADO RIVER DRAINAGE											
UPPER GREEN RIVER - UTAH											
Ashley-Twin Lakes (A)	5/25	24	12.0e	14.0	0.0						
Black's Fork G.S.-East Fork	5/25	0	0.0	0.0	0.0		Not Measured				
Black's Fork Junction		Not Measured									
Buck Pasture (A)	5/25	3	1.5e	11.4	0.0						
Burnt Creek	5/31	0	0.0	0.0	0.0	5/31	1.95	2.78b	14.07	14.97	93

+ 1958-1972 period

USDA-SCS-PORTLAND, OR 1977 M7-0-22027 D

SNOW	THIS YEAR			PAST RECORD		PRECIPITATION (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)	Water Content (Inches) Last Year	2 Years Ago	Date of Reading	Month's Precipitation	Average +	This Year	Average +	Percent of Average
UPPER GREEN RIVER - UTAH (cont'd)											
Grizzly Ridge	5/31	0	0.0	0.0	0.0	5/31	1.75	2.90b	20.35	19.50	104
Henry's Fork (A)	5/25	0	0.0	15.2	0.0						
Hewinta G.S.	5/25	0	0.0	0.0	0.0		Not Measured				
Hickerson Park	5/25	0	0.0	0.0	0.0	5/31	2.35	2.57b	12.42	15.54	79
King's Cabin (upper)	5/31	0	0.0	0.0	0.0	5/31	2.38	3.01	17.37a	17.59	98
Reynolds Park (A)	5/25	21	10.5e	16.2	0.0						
Spirit Lake	5/25	6	3.0e	6.1	0.0		Not Measured				
Steel Creek Park	5/25	12	6.0e	19.1	0.0						
Trout Creek	5/25	0	0.0	0.0	0.0						
Windy Park (A)	5/25	5	2.5e	4.7	0.0						
DUCHESNE RIVER											
Atwood Lake (A)	5/25	12	6.0e	12.2	0.0						
Brown Duck Ridge	6/1	24	12.0a	18.9	2.0						
Chepeta-Whiterocks (A)	5/25	23	11.5e	13.0	0.0						
Currant Creek	5/25	0	0.0	0.0	0.0	5/24	.87	1.58b	22.79	17.78	128
Daniels-Strawberry Summit	5/24	0	0.0	0.0	0.0	5/24	1.15	1.90b	23.55	22.99	102
East Portal	5/31	0	0.0	0.0	- -		Data Delayed				
Five Points Lake (A)	5/25	24	12.0e	15.6	3.0						
Indian Canyon	5/1	0	0.0a	0.0	0.0		Not Measured				
Jackson Park		Not Measured									
Lakefork Basin (A)	5/25	30	15.0e	22.8	0.0						
Lakefork Mountain	6/1	0	0.0a	3.8	0.0	6/1	1.90a	2.60	17.89a	18.30	97
Lakefork Mountain #3	5/1	0	0.0	0.0	0.0						
Lightning Lake (A)	5/25	36e	18.0e	33.6	3.0						
Mosby Mountain	6/1	0	0.0a	5.7	0.0	6/1	2.40a	2.62b	20.63a	17.80	115
Paradise Park		Not Measured									
Rock Creek Ranch	5/24	0	0.0	0.0	0.0	5/24	1.74	1.83	15.60	15.35	101
Strawberry Divide	6/1	0	0.0a	0.0	0.0						
PRICE RIVER											
Dry Valley Divide Alternate		Not Measured									
Gooseberry Reservoir						5/31	2.45	2.33	28.74	24.04	119
Mud Creek	5/30	0	0.0	0.0	0.0	5/30	2.05	1.95	21.20a	19.16	110
White River # 1	5/30	0	0.0	0.0	0.0	5/30	1.60	1.71b	21.58	17.77	121
White River #3		Not Measured									
SAN RAFAEL RIVER											
Buck Flat	6/1	0	0.0a	11.4	0.0	5/1	2.30a	2.52	26.75a	22.97	116
Huntington-Horseshoe	5/31	22	10.3	30.8	1.2						
Orange Olsen	5/29	0	0.0	0.0	0.0	5/29	1.30	.97b	13.55	9.50	142
Red Pine Ridge	6/1	0	0.0a	1.6	0.0	6/1	1.70a	2.22	26.30a	25.61	102
Seeley Creek R.S.	6/1	0	0.0a	16.8	0.0						
Stuart R.S.	5/31	0	0.0	0.0	0.0	5/31	1.70	1.65	16.68	15.42	108
Upper Joe's Valley		Not Measured									
Wrigley Creek		Not Measured									
MUDDY RIVER											
Black's Fork		Not Measured									
Dill's Camp		Not Measured									
FREMONT RIVER											
Black's Flat-U.M. Creek		Not Measured									
Donkey Reservoir		Not Measured									
Fish Lake		Not Measured									
Johnson Valley		Not Measured									
SOUTHEASTERN UTAH DRAINAGES											
Buckboard Flat	5/30	0	0.0	0.0	0.0	5/30	3.98	1.94	36.54	22.83	160
Camp Jackson	5/30	0	0.0	0.0	0.0	5/30	3.70	1.56	38.33	20.76	184
LaSal Mountain (lower)	5/31	0	0.0	0.0	0.0						
LaSal Mountain (upper)	5/31	0	0.0	2.3	0.0	5/31	3.49	2.21	26.73	19.38	137
Monticello City Park	5/31	0	0.0	0.0	0.0						
VIRGIN RIVER											
Kolob-Crystal	6/1	26	14.6a	22.8	0.0						
Long Valley Junction	5/30	0	0.0	0.0	0.0						

+ 1958-1972 period

USDA-SCS-PORTLAND, OR. 1977 M7-0-22027 D

SNOW

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 +
VIRGIN RIVER (cont'd)					
Webster Flat		Not Measured			

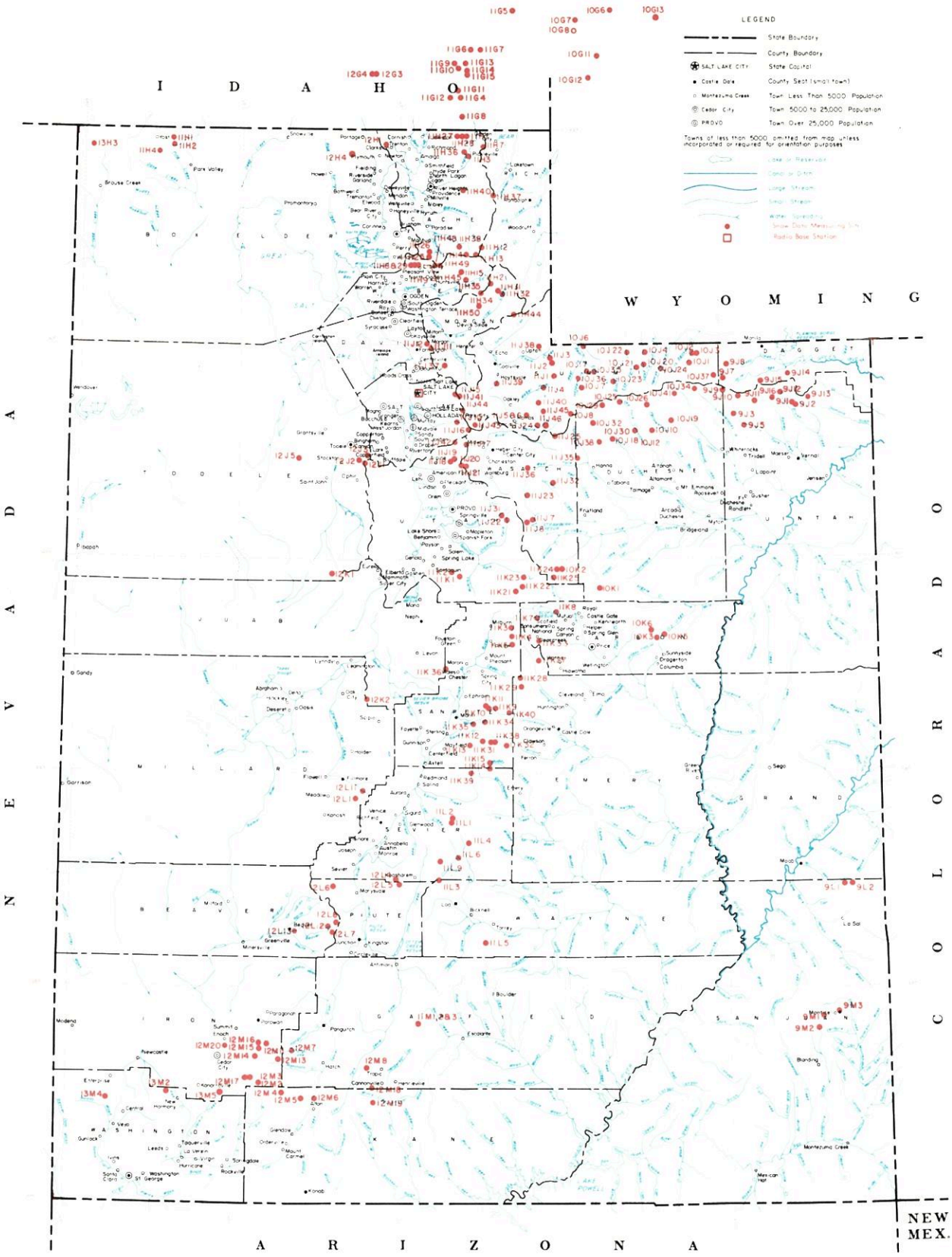
a - Partly Estimated
b - Average of past record in average period - less than 15 years
+ - 1963-77 15 year average period
(A) - Aerial Marker Reading
e - Estimated

PRECIPITATION (Inches)

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

+ 1958-1972 period.

USDA-SCS-PORTLAND, OR 1977 M7-0-22027.0



SNOW COURSES AND RELATED DATA MEASURING SITES

UTAH

1978

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

USDA-SCS-PORTLAND OR 1978 M7-01-2/0/1

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	15	1N	9E	10,000
10J7PST	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	9,050
11H12PST	U	Monte Cristo R.S.	4	8N	4E	8,960
10G6	W	Poison Meadows x	29	30N	116W	8,500
10G8P	W	Salt River Summit x	32	29N	118W	7,900
10G13MP	W	Snyder Basin x	15	29N	115W	8,400
10J17P	U	Stillwater Camp	32	2N	10E	8,550
		LOWER BEAR RIVER (below Harer, Idaho)				
11H37pST	U	Bug Lake	18	11N	5E	7,950
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
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
11G8MPST	I	Franklin Basin	1	16S	41E	8,000
11H7MP	U	Garden City Summit	34 & 35	14N	4E	7,600
11H40p	U	Herd Hollow	3	11N	3E	7,200
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)	16	8N	1E	6,000
11H25PST	U	Little Bear (upper)	22	8N	1E	6,550
12G3	I	Oxford Mountain	32	13S	37E	6,800
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
11H36PST	U	Tony Grove Lake	5	13N	3E	8,400
11H3MP	U	Tony Grove Ranger Station	11	13N	3E	6,250
11G4P	I	Willow Flat	2	15S	41E	6,100
		RAFT RIVER				
13H2a	U	Clear Creek Meadows	26	14N	14W	9,050
13H4PS	U	George Peak	4	13N	14W	9,000
13H1	U	One Mile Summit	17	14N	14W	7,330
13H3a	U	ViPont	17	14N	17W	7,670
		OGDEN RIVER				
11H14M	U	Beaver Creek-Skunk Creek	22	8N	3E	7,150
11H8PST	U	Ben Lomond Peak	3	7N	1W	8,000
11H9PST	U	Ben Lomond (lower)	1	7N	1W	5,680
11H35p	U	Causey Dam	34	7N	3E	5,500
11H29	U	Cutler Creek	3	7N	1W	6,780
11H13MPST	U	Dry Bread Pond	19	8N	4E	8,350
11H34p	U	Guilder's Peak	21	6N	4E	8,050
11H45p	U	Middle Fork Ogden	16	7N	2E	8,420
11H49	U	Powder Mountain Hideaway	6	7N	2E	8,250
11H48	U	Powder Mountain Sundown	1	7N	1E	8,400
11H15P	U	Sagebrush Flat	21	7N	3E	6,300
		WEBER RIVER				
11J24	U	Beaver Creek R.S.	28	2S	7E	7,500
11J1PST	U	Chalk Creek #1	4	1N	8E	9,100
11J2MPST	U	Chalk Creek #2	29	2N	8E	8,200
11J3MP	U	Chalk Creek #3	7	2N	8E	7,500
11J45a	U	East Shingle Lake	6	2S	8E	9,750
11J12P	U	Farmington Canyon (lower)	15	3N	1E	6,950
11J11PST	U	Farmington Canyon (upper)	23	3N	1E	8,000
11H44p	U	Francis Canyon	29	5N	6E	7,400
11J37p	U	Hardscrabble	22	2N	2E	6,700
11H21PST	U	Horse Ridge	25	7N	4E	8,260
11H31	U	Kilfoil Creek	20	6N	5E	7,300
11H32P	U	Lost Creek	27	6N	5E	7,300
11J43	U	Park City Summit	30	2S	4E	9,300
11J15PST	U	Parley's Canyon Summit	5	1S	3E	7,500
11H50	U	Pine Canyon	6	5N	4E	8,000
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	9	1N	6E	8,300
11J40p	U	Shingle Mill Flat	22	1S	7E	9,040
11J4PST	U	Smith & Morehouse	25	1N	7E	7,600
		PROVO RIVER & UTAH LAKE				
11J46PST	U	Beaver Creek Divide	25	2S	7E	8,280
11J20	U	Camp Altamont	29	4S	3E	7,300
11K21PST	U	Clear Creek Ridge #1	18	11S	6E	9,200
11K22PST	U	Clear Creek Ridge #2	9	11S	6E	8,000
11K23	U	Clear Creek Ridge #3	27	10S	6E	6,600
11J17P	U	Dutchman R.S.	27	3S	3E	7,560
11J22P	U	Hobble Creek Summit	27	7S	5E	7,420
11J36P	U	Lake Creek	36	4S	6E	9,000
11J31	U	Packard Canyon	21	7S	5E	6,400
11K1P	U	[illegible]son R.S.	30	10S	3E	8,050
11K2	U	[illegible] Bridge	14	10S	2E	6,750
		PROVO RIVER & UTAH LAKE (continued)				
11J25P	U	Soapstone R.S.	9	3S	8E	7,800
11J19	U	South Fork R.S.	24	4S	2E	6,100
11J1B	U	Timpanogos Cave Camp	27	4S	2E	5,500
11J21PST	U	Timpanogos Divide	33	4S	3E	8,140
10J8PST	U	Trial Lake	5	2S	9E	9,960
		JORDAN RIVER & GREAT SALT LAKE				
12J2	U	Bevan's Cabin	24	4S	4W	6,450
12J5P	U	Deseret Peak	15	4S	7W	9,250
11J41P	U	Lamb's Canyon #2	21	1S	3E	7,500
12J3P	U	Middle Canyon	8	4S	3W	7,000
11J44	U	Mill Creek	25	1S	2E	6,950
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	9,700
12K1PST	U	Vernon Creek	21	10S	5W	7,500
		UPPER SEVIER RIVER (South of Richfield, Utah)				
12L4PST	U	Box Creek	33	26S	2W	9,300
12M8	U	Bryce Canyon	36	36S	4W	8,000
12M13PST	U	Castle Valley	23	36S	8W	9,580
12M4P	U	Duck Creek R.S.	11	38S	8W	8,700
12M18	U	Farview	32	37S	4W	8,200
12M5PST	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
12M2MPST	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
		LOWER SEVIER RIVER (Including San Pitch River)				
11K13P	U	Beaver Dam	22	19S	3E	8,000
11L1PST	U	Farnsworth Lake	34	23S	2E	9,600
11K11P	U	G.B.R.C. Headquarters	21	17S	4E	8,700
11K10P	U	G.B.R.C. Meadows	27	17S	4E	10,000
11L2PST	U	Gooseberry R.S.	21	23S	2E	8,000
11K3MPST	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
12K2P	U	Oak Creek	9	17S	3W	7,760
11K39PST	U	Pickle Keg Springs	4	21S	3E	9,000
12L1PS	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	19	18S	3E	8,760
		BEAVER RIVER				
12L13	U	Beaver Race Track	23	29S	7W	6,020
12L7PST	U	Big Flat	7	29S	4W	10,290
12L12PST	U	Merchant's Valley (upper)	8	29S	5W	8,750
12L8	U	Otter Lake	12	29S	5W	9,600
		PAROWAN CREEK				
12M16	U	Birch Crossing	23	35S	9W	8,100
12M14	U	Brian Head	10	36S	9W	10,000
12M15P	U	Tall Poles	26 & 35	35S	9W	8,800
12M11P	U	Yankee Reservoir	20	35S	8W	8,700
		ENTERPRISE TO NEW HARMONY DRAINAGES				
13M4MP	U	Little Grassy Creek	14	38S	18W	6,100
13M2MPST	U	Long Flat	2	38S	14W	8,000
		COAL CREEK				
12M20	U	Cedar City Golf Course	11	36S	11W	5,800
12M17	U	SUSC Ranch	18	37S	9W	8,200

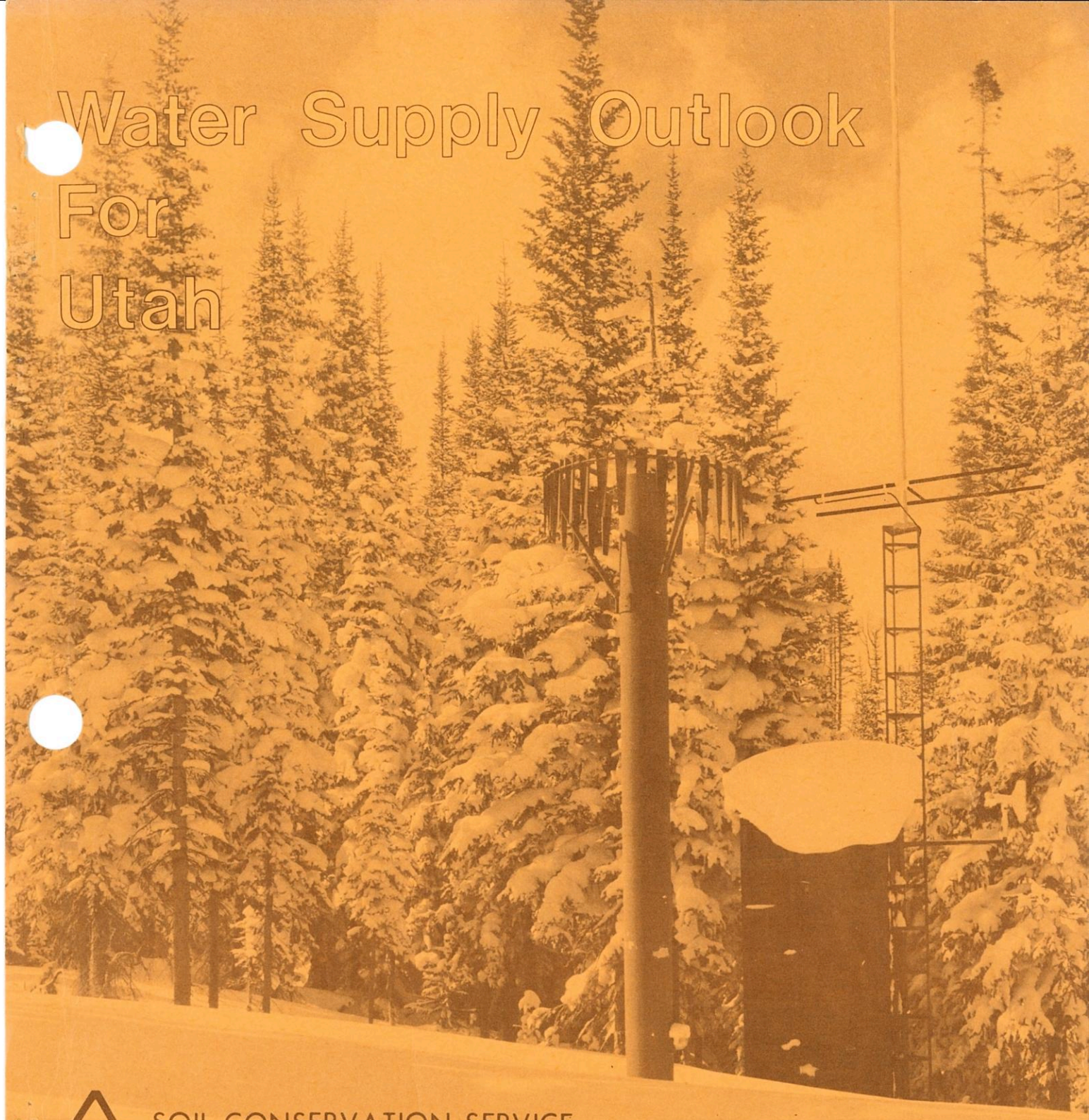
COLORADO RIVER DRAINAGE

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	2	1N	11E	9,700
9J14P	U	Burnt Creek	4	1N	20E	7,900
9J13P	U	Grizzly Ridge	8	1S	22E	8,500
10J24ap	U	Henry's Fork	29	2N	14E	10,000
10J4P	U	Hewinta G.S.	33	3N	13E	9,500
9J8P	U	Hickenson Park	13	2N	17E	9,100
9J15p	U	Highline Trail	24	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 & [illegible]	1S	21E	8,640
9J1PST	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	8,650
9J10aP	U	Reynolds Park	9	1S	18E	10,400
9J7P	U	Spirit Lake	10	1N	17E	10,300
10J20PST	U	Steel Creek Park	17	2N	13E	10,100
9J16PST	U	Trout Creek	9	1S	20E	9,400
9J12ap	U	Windy Park	2	1S	20E	9,400
		DUCHESNE RIVER				
10J41ap	U	Atwood Lake	13	4N	4W	10,840
10J30PST	U	Brown Duck Ridge	8	2N	6W	10,600
9J9ap	U	Chepeta-Whiterocks Lakes	3	4N	1W	10,350
11J32MPST	U	Currant Creek	26	1S	11W	8,000
11J23MPST	U	Daniels-Strawberry Summit	20	2S	12W	8,000
11J7P	U	East Portal	36	7S	6E	7,560
10J26ap	U	Five Point Lake	28	4N	5W	11,000
10K1PST	U	Indian Canyon	2	11S	10E	9,100
10J19P	U	Jackson Park	25	3N	4W	10,600
10J34p	U	Kidney Lake	28	5N	3W	11,000
10J25ap	U	Lakefork Basin	13	4N	7W	11,100
10J10PST	U	Lakefork Mountain	2 & 3	2N	5W	10,200
10J12	U	Lakefork Mountain #3	20	2N	4W	8,400
10J29ap	U	Lightning Lake	23	4N	8W	10,500
9J5PST	U	Mosby Mountain	33	3N	1E	9,500
9J3P	U	Paradise Park	7	3N	1E	10,100
10J18P	U	Rock Creek	21	2N	7W	7,900
10J32p	U	Shadow Lake	29	3N	8W	10,150
11J8PST	U	Strawberry Divide	2	4S	12W	8,400
11J35P	U	West Fork of the Duchesne	22	1N	11W	9,480
		PRICE RIVER				
10K5M	U	Corral	32	13S	14E	8,200
11K8	U	Dry Valley Divide	14	11S	7E	7,900
10K3M	U	Grassy Trail Creek-Left Fork	1	14S	13E	7,970
11K7	U	Jones Ranch	32	12S	7E	7,600
11K33MP	U	Mud Creek	4	14S	7E	8,600
10K6	U	Timberline	23	13S	13E	9,100
10K2MPST	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				
11K31PST	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
11K40P	U	Orange Olsen	31	17S	6E	7,200
11K28PST	U	Red Pine Ridge	5	16S	6E	9,200
11K38	U	Rush Pond	24	19S	4E	9,800
11K9PST	U	Seeley Creek	25	17S	4E	10,000
11K27P	U	Stuart R.S.	8	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
11K15PST	U	Dill's Camp	27	20S	4E	9,200
		FREMONT RIVER				
11L4P	U	Black's Flat-U.M. Creek	33	24S	3E	9,400
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	9,850
9M3	U	Monticello Park	25	33S	23E	7,050
		ESCALANTE RIVER				
11M1	U	Widtsoe-Escalante Summit	22	34S	1W	9,500
11M2PST	U	Widtsoe-Escalante #2	22	34S	1W	9,500
11M3PST	U	Widtsoe-Escalante #3	22	34S	1W	9,500
		VIRGIN RIVER				
13M5PST	U	Kolob-Crystal	2	38S	11W	9,250
12M6	U	Long Valley Junction	22	38S	6W	7,500
12M3MPST	U	Webster Flat	20	37S	9W	9,200

LEGEND
Numbering System (example)

10J2	Snow Course Only
10J7F	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
10J7FA	Snow Course, Soil Moisture Station and Precipitation Gage
10J7a	Aerial Marker Only
10J7s	Storage Precipitation Gage Only
10J7PS	Snow Course, Precipitation Gage, Snow Pillow and Temperature
10J7PST	Snotel Data Site

Water Supply Outlook For Utah



SOIL CONSERVATION SERVICE
U.S. DEPARTMENT OF AGRICULTURE

Cooperating with

UTAH STATE DEPARTMENT of NATURAL RESOURSES
-- DIVISION of WATER RIGHTS

AS OF
OCT. 1, 1979

WATER SUPPLY OUTLOOK FOR UTAH

and

FEDERAL - STATE - PRIVATE COOPERATIVE SNOW SURVEYS

Issued by

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SALT LAKE CITY, UTAH 84138

USDA-SCS-PORTLAND, OR.-1978 M7-L-22027R

WATER SUPPLY OUTLOOK

SUMMARY

as of

October 1, 1979

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*************************************************
*  Utah's 1979 water supply ranged from "below  *
*  average" for some water users in Uintah      *
*  Basin to "above average" for most water      *
*  users in southern Utah. A very dry summer    *
*  caused less streamflow than expected in      *
*  the northern 2/3 of the state. Reservoir     *
*  storage is near average statewide, but some  *
*  are only about 1/2 average. Fall soil        *
*  moisture is very dry.                        *
*************************************************
```

A very dry summer resulted in less May-July streamflow than was forecast on the 1st of May. Provisional flow measured by the U.S. Geological Survey indicates flow in Northern Utah were 10 to 35% less than forecast while those in southern Utah were generally higher than the flows forecast. The extremes were 32% of average on Chalk Creek near Coalville and almost 10 times average for the inflow to Minersville Reservoir on the lower Beaver River.

Reports indicate that some secondary water rights in Uintah Basin received reduced water supplies by about mid season and will have below average carry over. Water users in southern Utah had an abundant water supply and have good reservoir carry over this fall.

Summer precipitation at mountain stations ranged from 4 to 80% of average and watershed soils are very dry. Several good rains are needed before snow falls to prime these soils to make them ready to assist next springs runoff.

The following table is a comparison of forecasts made on May 1st with provisional flow measured by the Geological Survey.

WATER SUPPLY OUTLOOK

Station	Forecast Period	May 1 Forecast (1000 A. F.)	Measured Flow for the Period (1000 A. F.)
BEAR RIVER			
Bear nr Ut-Wyo. State Line	May-July	90	82.1
Bear nr Woodruff	May-July	100	52.2
Bear nr Randolph	May-July	62	25.9
Logan nr Logan (combined)	May-July	96	81.1
Little Bear nr Paradise	May-June	25	18.8
Blacksmith Fk nr Hyrum	May-July	35	29.5
WEBER-OGDEN RIVERS			
Farmington nr Farmington	May-July	7.0	6.1
Chalk Creek at Coalville	May-June	16.5	10.7
East Cyn. Creek nr Morgan	May-June	15.4	11.4
Lost Creek nr Croydon	May-June	15.0	10.9
Pineview Reservoir Inflow	May-June	82	74.7
South Fk Ogden nr Huntsville	May-June	45	41.9
Weber nr Oakley	May-June	78	76.2
American Fk nr American Fk	May-July	29	
Provo nr Hailstone	May-July	90	
JORDAN RIVER AND SALT LAKE			
Big Cottonwood nr Salt Lake	May-July	34	
Parley's Creek nr Salt Lake	May-July	10.9	
DUCHESNE RIVER			
Ashley nr Vernal	May-July	60	37.8
Flaming Gorge Inflow	Apr-July	1,200	781
Lakefork below Moon Lake	May-July	72	52.1
Uinta nr Neola	May-July	88	56.5
Whiterocks nr Whiterock	May-July	60	41.6
Yellowstone nr Altonah	May-July	66	45.6
MUDDY CREEK			
Muddy Creek nr Emery	May-July	21	19.0
SAN RAFAEL RIVER			
Cottonwood Cr nr Orangeville	May-July		38.3
Ferron Creek nr Ferron	May-July	44	34.3

WATER SUPPLY OUTLOOK (continued)

Station	Forecast Period	May 1 Forecast (1000 A. F.)	Measured Flow for the Period (1000 A. F.)
UPPER COLORADO BASIN			
Colorado nr Cisco, Utah	Apr-July	4,800	4,940
Green at Green River, Utah	Apr-July	3,500	2,986
Lake Powell Inflow	Apr-July	10,800	10,845
Mill Creek near Moab	May-July	7.2	6.2
SEVIER RIVER			
East Fork Sevier nr Kingston	May-July	30	44
Sevier nr Hatch	May-July	82	71
Sevier nr Kingston	May-July	52	64
Chicken Cr nr Levan	May-July	2.8	7.4
BEAVER RIVER			
Beaver nr Beaver	May-July	31	48.6
Minersville Inflow	May-July	16	52.0

WSFB*X2-L

RESERVOIR STORAGE (Thousand Acre Feet) END OF MONTH OCTOBER 1, 1979

Basin or Stream	RESERVOIR	Usable Capacity	Usable Storage		
			This Year	Last Year	Average†
Bear River	Bear Lake	1421.0	956.9	959.7	1091.1
	Woodruff Narrows	26.5	5.0e	14.5	12.0
Beaver River	Minersville (RkyFd)	23.3	10.1	5.5	5.2
Little Bear	Hyrum	15.3	5.9	7.1	8.7
	Porcupine	11.3	1.0	1.1	2.2
Ogden	Causey	6.9	1.1	1.9	1.6b
	Pineview	110.1	58.2	70.5	57.7
Provo	Deer Creek	149.7	80.4	--	100.9
Settlement Creek	Settlement Creek	1.2	0.0	0.4	--
	Vernon Creek	0.6	0.1	0.1	--
Sevier River	Gunnison	18.2	0.1	3.7	3.6
	Otter Creek	52.5	35.0	8.3	18.7
	Piute	71.8	20.2	0.0e	13.4
	Sevier Bridge	236.0	65.0	23.2	66.3
Spanish Fork	Strawberry	270.0	149.2	150.2	149.0
Utah Lake	Utah Lake	883.9	584.7	628.3	569.8
Weber	East Canyon	48.1	25.0	31.1	25.3
	Echo	73.9	10.2	34.4	27.6
	Lost Creek	20.0	12.8	14.6	13.8b
	Rockport	60.9	43.7	51.9	44.4
	Willard Bay	193.3	165.1	165.2	145.9
Ashley Creek	Steinaker	33.3	10.1	--	16.4
Colorado	Blue Mesa	829.5	710.0	727.8	
	Lake Powell	25002.0	21637.0	16563.0	
Green	Flaming Gorge	3749.0	2572.0	2825.1	
Lakefork	Moon Lake	35.8		2.2	10.6
Price River	Scofield	65.8	41.2	39.4	34.0
San Juan	Navajo	1696.0	1364.0	1237.0	
San Rafael	Huntington North	3.9	0.2	--	1.0b
	Joe's Valley	54.6	36.9	--	38.6b
	Mill Site	16.7	1.3	4.8	--
Strawberry	Starvation	165.3	2.2	--	123.6b
Uintah	Bottle Hollow	11.3		--	10.2b
	b=less than 15 yrs.				

USDA-SCS-PORTLAND, OREG. 1979

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

1979 WATER YEAR

STATION NAME	OCT.-DEC.		JANUARY		FEBRUARY		MARCH		APRIL		MAY		JUNE		JULY-SEPT.		TOTAL
BUG LAKE															9/27		28.08
BURTS-BTLLER	12/30	3.41	* *	1 50	2/28	.84	4/06	1.45	4/26	1.37			6/28	1.55	9/19	3.25	13.37
CLARKSTON MTN															9/25		28.27
FRANKLIN BASIN	12/30	12.60	1/31	8.50	2/28	5.20	3/31	3.30	4/30	3.10	5/31	3.30	6/30	1.00	9/26	1.90	38.90
GARDEN CTY SMT	12/26	9.71	1/29	5.34	2/26	3.11	3/26	1.11	4/25	1.94	5/30	2.16	6/29	.38	*	1 60	25.35
GEORGE PEAK															9/08		25.69
GOLD HILL													6/28	25.69	9/20	.84	26.53
HAYDEN FORK	* *	8 22	* *	3 62	2/28	4.29	4/06	3.80	4/26	1.50	5/30	2.20	6/28	.41	9/20	3.01	27.05
HERD HOLLOW															9/26		23.07
LILY LAKE													6/28	17.86	9/19	2.54	20.40
LITTLE BEAR UP	12/31	10.10	1/31	3.70	2/28	4.80	3/31	3.50	4/30	1.30	5/31	2.20	6/26	1.60	9/28	2.20	29.40
KLONDIKE NRWS	12/26	6.82	1/29	4.83	2/26	3.56	4/05	2.78	4/25	1.04	5/30	2.74	6/29	1.23	9/26	1.65	24.65
MONTE CRISTO	12/27	8.88	1/30	6.35	* *	4 00	3/26	6.39	4/25	4.80	5/29	3.92	6/29	.99	10/03	2.66	37.99
SALT RIVER SMT	12/29	6.62	1/30	4.13	2/27	3.56	3/29	1.57	4/27	2.43	5/31	1.19	6/28	.93	8/31	1.59	22.02
STILLWATER CMP	* *	4 86	* *	2 10	2/28	1.82	4/06	2.07	4/26	1.25			6/28	1.90	9/19	2.23	16.23
TONY GROVE LK	12/31	17.60	1/31	6.70	2/28	4.70	3/31	4.90	4/30	3.10	5/31	2.50	6/30	1.20	9/28	1.30	42.00
TONY GROVE RS	12/26	7.69	1/29	5.07	2/26	4.04	4/05	2.34	4/25	.48	5/30	1.95	6/29	.73	9/26	1.36	23.66
WILLOW FLAT	12/26	8.18	1/29	6.08	2/26	4.71	4/05	3.64	4/25	1.38	6/01	2.65	6/29	1.26	9/27	1.65	29.55
W E B E R - O G D E N R I V E R B A S I N S																	
BEN LOMOND TRL	12/27	11.67	1/30	7.01	2/27	6.74	3/26	2.74	4/25	2.68	5/29	3.34	6/29	2.08	10/03	4.14	40.40
BEN LOMOND PK	12/31	20.30	1/31	10.50	2/28	4.70	3/31	13.00	4/30	1.80	5/31	3.20	6/30	3.30	9/28	4.70	53.50
CAUSEY DAM	12/27	6.37	1/30	3.95	2/27	2.08	3/26	1.05	4/25	1.61	5/29	1.53	6/29	.60	10/03	.83	18.02
CHALK CREEK 1	12/31	7.00	1/31	4.30	2/28	4.90	3/31	2.60	*	3 50	*	1 40	6/25	.33	9/25	3.20	27.23
CHALK CREEK 2	12/31	5.10	1/31	2.30	2/28	2.30	3/31	2.40	4/30	2.80	5/31	1.30	6/25	.30	9/25	2.85	18.16
CHALK CREEK 3	1/02	4.40	1/30	1.94	2/28	1.80	4/06	2.28	4/26	1.83	5/25	1.15	6/25	.28	9/25	2.64	16.32
DRY BREAD POND	12/27	12.12	1/30	4.63	2/27	3.37	3/26	1.76	4/25	3.24	5/29	2.44	6/29	.90	10/03	20 7	30.53
FARMINGTON GS	12/27	8.32	1/30	6.16	2/27	4.12	3/26	3.51	4/25	4.94	*	1 80	*				
FARMINGTON LWR	12/27	11.21	1/30	5.98	2/27	5.98	3/26	3.49	4/25	3.88	*	1 00	6/29	4.61			
FRANCIS CANYON															10/11		18.32
GUILDERS PEAK															10/11		27.16
HORSE RIDGE	12/27	10.87	1/30	6.92	2/27	4.12	3/26	2.00	4/25	3.86	* *	2 50	7/02	3.72	10/02	1.80	35.79
LOST CREEK	12/27	5.13	1/30	3.45	2/27	1.96	3/26	.63	4/25	1.23			7/02	3.67	10/02	1.50	17.57
PARLEY CYN SMT	12/28	8.49	1/29	3.90	2/27	4.90	3/29	1.57	4/30	4.54	5/31	1.35	7/03	.23	9/14	2.07	27.05
PINE CANYON															8/11		21.19
PORCUPINE													6/25	15.96	9/25	2.30	18.26
REDDEN MINE UP							4/09	19.80					6/25	4.70	9/26	1.69	26.19
SAGEBRUSH FLAT	12/27	6.53	1/30	4.02	2/27	2.18	3/26	1.06	4/25	1.97	5/29	1.82	6/29	.62	10/03	1.26	19.46
SERGEANT LAKES													6/25	20.17	9/25	5.09	25.26
SHINGL MIL FLT													6/26	25.57	9/26	3.95	29.52

NOTE: BLANK SPACES INDICATE NO READING TAKEN, NEXT READING IS CUMULATIVE(EXCEPT AS NOTED *)

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

1979 WATER YEAR

STATION NAME	OCT.-DEC.		JANUARY		FEBRUARY		MARCH		APRIL		MAY		JUNE		JULY-SEPT.		TOTAL
SM+MOREHOUSE	1/02	6.02	1/30	3.10	2/28	3.05	4/06	2.85	4/26	1.80	5/25	1.17	6/26	.32	*	3 16	21.47
U T A H L A K E - J O R D A N R I V E R B A S I N																	
BEAVER DIVIDE	12/30	6.60	1/31	4.20	2/28	3.40	3/31	1.20	4/30	2.00	5/31	2.00	6/30	.20	9/20	1.50	21.10
CLEAR CR RDG 2	12/30	8.80	2/03	3.62	2/28	2.80	4/05	2.85	4/25	1.95	5/29	1.70	6/28	.25	9/27	1.85	23.82
DANIEL-STR SMT	12/30	9.96	2/05	4.65	2/24	3.15	4/05	3.34	4/24	1.30	5/24	1.15	6/26	.40	9/27	1.53	25.48
DESERET PEAK															* *		37.98
DUTCHMAN RS	12/30	6.70	1/29	6.20	2/27	5.35	3/31	3.85	4/27	1.50	5/29	1.60	*	20	*	2 92	28.32
EAST PORTAL	12/30	10.03	1/30	4.33	2/27	3.25	3/29	2.27	4/30	1.88	6/01	1.49	7/01	.24	10/01	1.31	24.80
HOBBLE CK SMT	12/30	10.35			3/01	5.35	4/05	3.00	4/24	1.30	5/29	1.60	6/28	.05	9/27	1.65	23.30
LAKE CREEK													6/26	24.89	9/24	2.27	27.16
LAMBS CANYON 2	12/28	7.03	1/29	3.35	* *	4 80	3/29	1.57	4/30	3.30	5/29	1.18			9/17	3.41	24.64
MIDDLE CANYON	12/28	8.60	1/26	2.80	2/27	2.60	3/31	4.50	4/28	3.20	5/31	2.30	6/27	.56	9/28	2.57	27.13
PAYSON RS	12/30	8.95	2/03	4.80	3/01	3.80	4/04	4.30	4/25	2.20	5/30	1.75	6/29	.00	9/28	2.15	27.95
ROCKY BASIN-SC							3/28	21.91	4/25	6.83			7/12	1.50	9/14	1.15	31.39
SILVER LK BRTN	12/30	12.30	1/31	5.57	3/01	5.75	4/01	4.22	5/01	1.72	6/01	1.02	7/01	.13	10/01	2.82	33.53
SOAPSTONE RS	1/04	6.85	2/03	3.86	2/27	2.26	4/09	2.22	4/24	.95	5/25	1.23	6/27	.72	9/20	3.02	21.11
TIMPANOGOS DIV	10/1	15.10	1/29	5.20	2/26	5.85	3/31	4.30	4/26	1.00	5/29	1.80	7/01	.25	10/01	3.80	37.30
TRIAL LAKE	1/04	11.21	2/03	5.65	2/27	4.66	* *	3 25	* *	1 89	5/25	1.68	6/27	1.13	9/20	3.95	33.42
VERNON CREEK	12/28	8.90	1/27	3.90	2/28	2.70	3/26	3.50	4/27	2.00	5/31	2.45	6/27	.85	9/28	1.90	26.20
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															9/18		25.50
ATWOOD LAKE															8/27		30.40
BLACKS FK JCT	* *	3 04	1/30	3.29	2/28	1.53			4/26	2.94			6/27	2.65	9/19	2.53	15.98
BROWN DUCK RDG	12/31	8.30	1/31	3.90	2/28	3.90	3/31	3.80	4/30	1.00	5/31	2.00	6/30	.40	9/19	3.20	26.50
BUCK PASTURE													6/27	20.04	9/19	2.75	22.79
BURNT CREEK	12/28	5.40	1/31	1.02	3/01	.80	3/27	1.40	5/02	3.50	5/31	1.95			9/19	2.95	17.02
CHEPETA ATWOOD															9/24		24.83
CURRANT CREEK	12/30	8.30	* *	2 57	* *	4 00	4/05	2.85	4/24	.50	5/24	.87	6/26	.33	9/24	1.40	20.82
E FK BLACKS FK	* *	2 88	* *	3 48	2/28	1.76	* *	2 30	* *	1 24			6/27	3.35	9/19	2.51	17.52
FIVE POINT LK															8/25		29.71
GRIZZLY RIDGE	12/28	7.32	1/31	1.85	3/01	2.78	3/27	2.30	5/02	4.35	5/30	1.75			9/19	3.05	23.40
HENRYS FORK															9/19		21.00
HICKERSON PARK					2/28	5.91			4/26	4.16	5/31	2.35			9/19	4.50	16.92
HEWINTA GS	* *	3 43	* *	3 70	2/28	1.61	* *	2 41	4/26	1.33			6/27	3.75	9/22	4.07	20.30
HIGHLINE TRAIL															9/24		25.65
INDIAN CANYON	12/30	10.27	2/05	3.19	2/26	2.25	3/19	1.55	4/25	4.62			6/19	2.59	9/28	3.61	28.08

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

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

1979 WATER YEAR

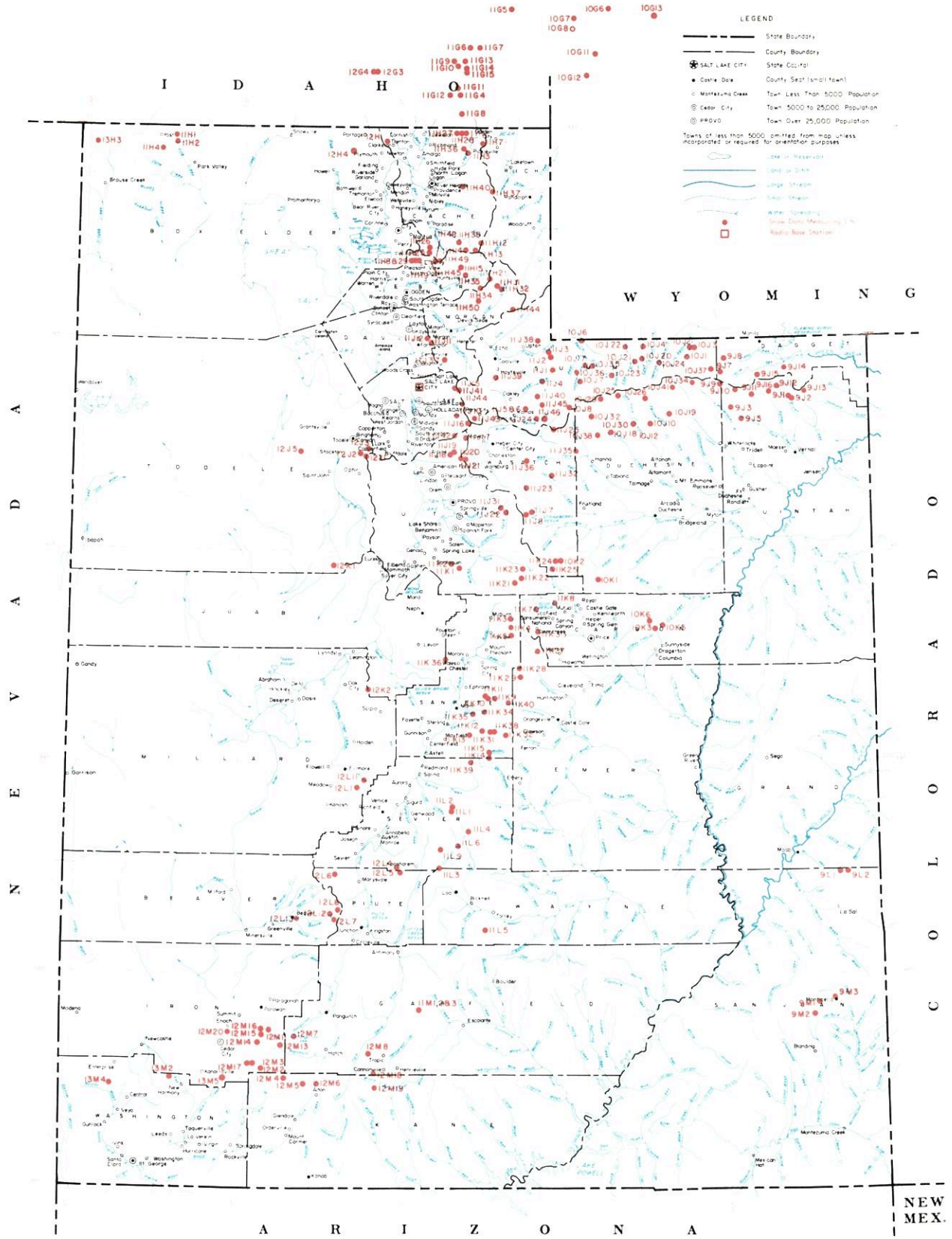
STATION NAME	OCT.-DEC.		JANUARY		FEBRUARY		MARCH		APRIL		MAY		JUNE		JULY-SEPT.		TOTAL
JACKSON PARK			2/02	10.62	2/27	2.43			4/24	5.80					9/18	6.67	25.52
KIDNEY LAKES															9/19		26.19
KINGS CABIN UP	12/31	6.10	1/31	1.90	2/28	1.70	3/31	3.20	4/30	1.80	5/31	2.30	6/30	.00	9/30	2.80	19.80
LAKEFORK BASIN															8/23		34.40
LAKEFORK MIN 1	12/31	6.40	1/31	2.80	2/28	2.80	3/31	2.80	4/30	1.30	5/31	1.80	6/30	.60	9/18	2.10	20.60
LIGHTNING LAKE															8/22		37.75
MCCOY PARK															9/24		20.10
MOSBY MOUNTAIN	* *	7 97	* *	1 60	2/27	2.65	4/06	5.08	4/24	.93	* *	2 40	6/30	.60	9/24	6.00	26.63
PARADISE PARK	* *	10 89	* *	1 67	2/27	2.89	* *	5 00	* *	2 33					9/24	4.05	26.83
REYNOLDS PARK															9/24		26.33
ROCK CREEK	1/05	6.31	2/02	2.92	2/27	1.92	4/09	2.71	4/24	.00	5/24	1.74	6/21	.02	9/28	2.90	18.52
SHADOW LAKE															9/13		32.88
SPIRIT LAKE			1/30	9.64	2/28	2.26			4/26	6.18					9/19	7.85	25.93
STEEL CRK PARK	12/30	5.30	1/26	2.80	2/28	2.40	3/31	2.40	4/30	3.30	5/31	3.40	6/27	1.40	9/29	3.00	24.00
TROUT CREEK	11/01	.45	1/30	7.97	2/28	2.19	* *	3 62	* *	1 00					9/18	3.40	18.63
WINDY PARK															9/18		21.90
W FK DUCHESNE													6/26	25.38	9/24	2.35	27.73
P R I C E - S A N R A F A E L R I V E R B A S I N																	
BLACKS FLAT-UM	12/28	7.88	1/30	4.20	2/26	2.10	3/26	.90	4/30	3.19			6/28	2.85	* *	2 72	13.95
BUCKBOARD FLAT	12/27	15.20	1/29	6.25	2/26	3.24	3/30	6.40	4/25	1.47	5/30	3.98	7/02	1.82	10/12	1.92	40.28
BUCK FLAT	12/27	8.80	2/03	6.65	2/28	2.90	4/05	4.40	4/25	1.70	5/31	2.40	6/26	.55	9/25	2.45	29.85
CAMP JACKSON	12/27	15.00	*		2/26	3.83	3/30	7.05	4/25	1.25	5/30	3.70	7/02	1.05	10/12	2.02	41.40
DILLS CAMP	12/28	7.33	2/03	6.68	2/28	1.50	4/05	4.30	4/25	1.10					9/25	5.55	26.46
LASAL MTN UPR	12/28	8.24	1/30	5.20	2/28	3.30	3/31	4.80	4/26	1.50	5/31	3.49	7/02	1.20	10/16	4.06	31.99
FISH LAKE	12/28	6.80	2/02	2.30	2/26	1.90	3/26	.80	4/30	3.60					* *	22	15.62
GOOSEBERRY RES	12/26	9.49	1/30	5.85	2/26	4.10	4/02	5.15	4/26	1.70	5/31	2.45	6/28	.30	9/25	1.50	30.54
MUD CREEK	* *	6 70	1/30	4.00	2/28	3.10	4/03	4.25	4/26	.70	5/30	2.05	6/29	.17	9/27	3.68	24.65
ORANGE OLSEN	12/29	5.35	1/30	2.50	2/28	1.90	3/28	2.50	4/26	.00	5/29	1.30	6/29	.05	9/26	2.25	15.85
RED PINE RIDGE	12/26	9.30	1/30	4.80	2/28	3.50	4/05	5.10	4/25	1.90			6/27	2.80	9/26	2.55	29.95
STUART RS OLD	12/26	6.40	1/30	3.63	2/28	2.00	4/04	2.65	4/27	.30	5/31	1.70	6/28	.20	9/26	3.30	20.18
WHITE RIVER #1	12/30	8.83			3/01	7.45	4/05	2.80	4/25	.90	5/30	1.60	6/29	.21	9/27	2.04	23.83
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	12/27	6.43	2/03	5.92	2/28	2.30	4/05	4.19	4/25	1.66	6/01	2.60	6/25	.12	9/26	3.20	26.42
BIG FLAT	12/26	9.69	1/30	5.60	2/26	5.80	3/26	2.50	4/30	5.90	5/31	2.90	6/18	.00	9/27	2.44	34.83
BOX CREEK	12/26	9.80	1/30	4.60	2/26	3.40	3/26	2.10	4/30	4.72			6/27	2.88	* *	25	27.75
CASTLE VALLEY	12/26	12.05	1/30	4.50	2/26	4.10	3/26	2.40	4/23	6.20	5/30	2.28	7/06	.00	9/28	2.25	33.78

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

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

1979 WATER YEAR

STATION NAME	OCT.-DEC.		JANUARY		FEBRUARY		MARCH		APRIL		MAY		JUNE		JULY-SEPT.		TOTAL
DUCK CREEK	1/02	13.60	2/05	7.00	3/02	5.70	4/03	5.20	4/26	.30	5/30	2.00	6/26	.00	9/26	3.88	37.68
FARNSWORTH LK	12/28	7.60	1/30	4.70	2/26	3.50	3/26	2.10	4/30	6.01			6/26	3.96	* *	22	28.09
GBRC HEADQTRS	12/26	8.15	1/30	4.15	2/28	4.30	4/04	5.20	4/25	2.90	6/01	3.10	7/01	.02	10/01	2.90	30.72
GBRC MAJORS	12/26	4.60	1/30	2.50	2/28	1.85	4/01	2.90	4/25	2.00	6/01	2.05	7/01	.05	10/01	1.99	17.94
GBRC MEADOWS	12/26	9.37	1/30	5.40	2/28	5.20	4/04	7.90	4/25	2.30			7/02	2.00	10/01	4.34	36.51
GBRC OAKS	12/26	5.50	1/30	3.05	2/28	2.30	4/01	4.00	4/25	2.30	6/01	2.30	7/01	.00	10/01	2.55	22.00
GOOSEBERRY RS	12/26	6.85	1/30	3.40	2/26	1.80	3/26	1.60	4/30	4.60	6/01	3.15	6/26	.24	9/28	.15	21.79
HI-TOP MTN															* *		17.96
KIMBERLY MINE	12/26	9.28	1/30	5.20	2/26	5.20	3/26	2.70	4/30	6.12	5/29	4.23	6/26	.16	9/28	2.17	35.06
M A M M O T H			1 2 2 6 1 0 7 0 1 3 1				3 2 0 2 2 8		6 3 0 3 3 1		2 6 0 4 3 0		1 6 0 5 3 0		3		
MERCHANT VALLY	12/26	7.17	1/30	4.30	2/26	5.10	3/26	2.40	4/30	5.96	5/29	2.66	6/18	.00	9/27	3.13	30.72
MIDWAY VALLEY	1/22	16.30	2/05	6.20	3/03	7.10	4/03	10.00	*	75	5/30	1.50	6/29	.00	9/26	4.25	
MT BALDY RS	12/27	9.10	2/03	7.50	2/28	2.90	* *	8 80	4/25	1.50			6/25	2.83	9/26	4.30	36.93
OAK CREEK	1/03	8.71	1/30	3.75	2/28	4.35					5/30	7.46			9/27	4.16	28.43
PANGUITCH LAKE	12/27	8.10	1/30	1.90	2/26	2.50	3/26	1.40	4/23	2.95	5/30	1.27	7/06	.35	9/28	19 8	20.45
PICKLE KEG SPG	12/31	9.00	1/31	5.80	2/28	3.70	3/31	5.10	4/30	3.90	5/31	2.80	6/30	.00	9/26	2.60	32.90
PINE CREEK	12/26	9.21	1/30	4.50	3/01	4.50	3/26	1.70	4/30	8.11	5/30	.19			*		
REES FLAT									4/25	.			6/28	1.60	9/25	2.65	21.86
SHINGLE MILL	1/03	6.70	1/30	2.65	2/28	2.65			4/27	7.25	5/30	2.95			9/28	2.02	24.22
WIOTSOE-ESCL 3	12/28	11.35	1/30	2.70	3/02	5.50	4/04	4.75	4/23	1.60	5/30	2.55	7/06	.02	9/24	3.52	31.99
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	15.70	1/31	9.50	2/28	6.50	3/28	2.70	*	50	*	2 00	*	00	*	4 50	41.40
LITTLE GRASSY	1/03	10.90	2/05	5.40	3/03	3.00	4/05	6.65	4/27	.25					9/27	2.40	28.60
LONG FLAT	1/03	10.35	2/05	3.80	3/03	2.70	4/05	3.80	4/30	.78					9/ 6	4.47	25.90
TALL POLES	12/28	5.95	1/29	4.50	3/01	4.40	4/04	5.20	4/30	1.50	5/30	2.70	6/29	.10	9/26	3.10	27.45
WEBSTER FLAT	1/03	16.48	2/05	7.10	3/03	7.60	4/03	8.90	*	40	*	1 91	*	00	*	4 07	34.63
YANKEE RESVR	12/26	6.25	1/30	5.05	2/26	3.15	3/26	1.90	4/30	3.88	5/30	2.72	6/29	.10	9/26	2.30	25.35



SNOW COURSES AND RELATED DATA MEASURING SITES

UTAH

1978

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.

USDA-SCS-PORTLAND OR 1978 M7-UT-22021

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	15	1N	9E	10,000
10J7PST	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	9,050
11H12PST	U	Monte Cristo R.S.	4	8N	4E	8,960
10G6	W	Poison Meadows x	29	30N	116W	8,500
10G8P	W	Salt River Summit x	32	29N	118W	7,900
10G13MP	W	Snyder Basin x	15	29N	115W	8,400
10J17P	U	Stillwater Camp	32	2N	10E	8,550
		LOWER BEAR RIVER (below Harer, Idaho)				
11H37pST	U	Bug Lake	18	11N	5E	7,950
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
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
11G8MPST	I	Franklin Basin	1	16S	41E	8,000
11H7MP	U	Garden City Summit	34 & 35	14N	4E	7,600
11H40p	U	Herd Hollow	3	11N	3E	7,200
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)	16	8N	1E	6,000
11H25PST	U	Little Bear (upper)	22	8N	1E	6,550
12G3	I	Oxford Mountain	32	13S	37E	6,800
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
11H36PST	U	Tony Grove Lake	5	13N	3E	8,400
11H3MP	U	Tony Grove Ranger Station	11	13N	3E	6,250
11G4P	I	Willow Flat	2	15S	41E	6,100
		RAFT RIVER				
13H2a	U	Clear Creek Meadows	26	14N	14W	9,050
13H4PS	U	George Peak	4	13N	14W	9,000
13H1	U	One Mile Summit	17	14N	14W	7,330
13H3a	U	ViPont	17	14N	17W	7,670
		OGDEN RIVER				
11H14M	U	Beaver Creek-Skunk Creek	22	8N	3E	7,150
11H8PST	U	Ben Lomond Peak	3	7N	1W	8,000
11H9PST	U	Ben Lomond (lower)	1	7N	1W	5,680
11H35p	U	Causey Dam	34	7N	3E	5,500
11H29	U	Cutler Creek	3	7N	1W	6,780
11H13MPST	U	Dry Bread Pond	19	8N	4E	8,350
11H34p	U	Guilder's Peak	21	6N	4E	8,050
11H45p	U	Middle Fork Ogden	16	7N	2E	8,420
11H49	U	Powder Mountain Hideaway	6	7N	2E	8,250
11H48	U	Powder Mountain Sundown	1	7N	1E	8,400
11H15P	U	Sagebrush Flat	21	7N	3E	6,300
		WEBER RIVER				
11J24	U	Beaver Creek R.S.	28	2S	7E	7,500
11J1PST	U	Chalk Creek #1	4	1N	8E	9,100
11J2MPST	U	Chalk Creek #2	29	2N	8E	8,200
11J3MP	U	Chalk Creek #3	7	2N	8E	7,500
11J45a	U	East Shingle Lake	6	2S	8E	9,750
11J12P	U	Farmington Canyon (lower)	15	3N	1E	6,950
11J11PST	U	Farmington Canyon (upper)	23	3N	1E	8,000
11H44p	U	Francis Canyon	29	5N	6E	7,400
11J37p	U	Hardscrabble	22	2N	2E	6,700
11H21PST	U	Horse Ridge	25	7N	4E	8,260
11H31	U	Kilfoil Creek	20	6N	5E	7,300
11H32P	U	Lost Creek	27	6N	5E	7,300
11J43	U	Park City Summit	30	2S	4E	9,300
11J15PST	U	Parley's Canyon Summit	5	1S	3E	7,500
11H50	U	Pine Canyon	6	5N	4E	8,000
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	9	1N	6E	8,300
11J40p	U	Shingle Mill Flat	22	1S	7E	9,040
11J4PST	U	Smith & Morehouse	25	1N	7E	7,600
		PROVO RIVER & UTAH LAKE				
11J46PST	U	Beaver Creek Divide	25	2S	7E	8,280
11J20	U	Camp Altamont	29	4S	3E	7,300
11K21PST	U	Clear Creek Ridge #1	18	11S	6E	9,200
11K22PST	U	Clear Creek Ridge #2	9	11S	6E	8,000
11K23	U	Clear Creek Ridge #3	27	10S	6E	6,600
11J17P	U	Dutchman R.S.	27	3S	3E	7,560
11J22P	U	Hobble Creek Summit	27	7S	5E	7,420
11J36P	U	Lake Creek	36	4S	6E	9,000
11J31	U	Packard Canyon	21	7S	5E	6,400
11K1P	U	Rayson R.S.	30	10S	3E	8,050
11K2	[illegible]	[illegible]k Bridge	14	10S	2E	6,750
		PROVO RIVER & UTAH LAKE (continued)				
11J25P	U	Soapstone R.S.	9	3S	8E	7,800
11J19	U	South Fork R.S.	24	4S	2E	6,100
11J18	U	Timpanogos Cave Camp	27	4S	2E	5,500
11J21PST	U	Timpanogos Divide	33	4S	3E	8,140
10J8PST	U	Trial Lake	5	2S	9E	9,960
		JORDAN RIVER & GREAT SALT LAKE				
12J2	U	Bevan's Cabin	24	4S	4W	6,450
12J5P	U	Deseret Peak	15	4S	7W	9,250
11J41P	U	Lamb's Canyon #2	21	1S	3E	7,500
12J3P	U	Middle Canyon	8	4S	3W	7,000
11J44	U	Mill Creek	25	1S	2E	6,950
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	9,700
12K1PST	U	Vernon Creek	21	10S	5W	7,500
		UPPER SEVIER RIVER (South of Richfield, Utah)				
12L4PST	U	Box Creek	33	26S	2W	9,300
12M3	U	Bryce Canyon	36	36S	4W	8,000
12M13PST	U	Castle Valley	23	36S	8W	9,580
12M4P	U	Duck Creek R.S.	11	38S	8W	8,700
12M1B	U	Farview	32	37S	4W	8,200
12M5PST	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
12M2MPST	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
		LOWER SEVIER RIVER (Including San Pitch River)				
11K13P	U	Beaver Dam	22	19S	3E	8,000
11L1PST	U	Fornsworth Lake	34	23S	2E	9,600
11K11P	U	G.B.R.C. Headquarters	21	17S	4E	8,700
11K10P	U	G.B.R.C. Meadows	27	17S	4E	10,000
11L2PST	U	Gooseberry R.S.	21	23S	2E	8,000
11K3MPST	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
12K2P	U	Oak Creek	9	17S	3W	7,760
11K39PST	U	Pickle Keg Springs	4	21S	3E	9,000
12L1PS	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	19	18S	3E	8,760
		BEAVER RIVER				
12L13	U	Beaver Race Track	23	29S	7W	6,020
12L7PST	U	Big Flat	7	29S	4W	10,290
12L12PST	U	Merchant's Valley (upper)	8	29S	5W	8,750
12L8	U	Otter Lake	12	29S	5W	9,600
		PAROWAN CREEK				
12M16	U	Birch Crossing	23	35S	9W	8,100
12M14	U	Brian Head	10	36S	9W	10,000
12M15P	U	Tall Poles	26 & 35	35S	9W	8,800
12M11P	U	Yankee Reservoir	20	35S	8W	8,700
		ENTERPRISE TO NEW HARMONY DRAINAGES				
13M4MP	U	Little Grassy Creek	14	38S	18W	6,100
13M2MPST	U	Long Flat	2	38S	14W	8,000
		COAL CREEK				
12M20	U	Cedar City Golf Course	11	36S	11W	5,800
12M17	U	SUSC Ranch	18	37S	9W	8,200

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	2	1N	11E	9,700
9J14P	U	Burnt Creek	4	1N	20E	7,900
9J13P	U	Grizzly Ridge	8	1S	22E	8,500
10J24ap	U	Henry's Fork	29	2N	14E	10,000
10J4P	U	Hewinta G.S.	33	3N	13E	9,500
9J8P	U	Hickerson Park	13	2N	17E	9,100
9J15p	U	Highline Trail	24	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	1S	21E	8,640
9J1PST	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	8,650
9J10aP	U	Reynolds Park	9	1S	18E	10,400
9J7P	U	Spirit Lake	10	1N	17E	10,300
10J20PST	U	Steel Creek Park	17	2N	13E	10,100
9J16PST	U	Trout Creek	9	1S	20E	9,400
9J12ap	U	Windy Park	2	1S	20E	9,400
		DUCHESNE RIVER				
10J41ap	U	Atwood Lake	13	4N	4W	10,840
10J30PST	U	Brown Duck Ridge	8	2N	6W	10,600
9J9ap	U	Chepeta-Whiterocks Lakes	3	4N	1W	10,350
11J32MPST	U	Current Creek	26	1S	11W	8,000
11J23MPST	U	Daniels-Strawberry Summit	20	2S	12W	8,000
11J7P	U	East Portal	36	7S	6E	7,560
10J26ap	U	Five Point Lake	28	4N	5W	11,000
10K1PST	U	Indian Canyon	2	11S	10E	9,100
10J19P	U	Jackson Park	25	3N	4W	10,600
10J34p	U	Kidney Lake	28	5N	3W	11,000
10J25ap	U	Lakefork Basin	13	4N	7W	11,100
10J10PST	U	Lakefork Mountain	2 & 3	2N	5W	10,200
10J12	U	Lakefork Mountain #3	20	2N	4W	8,400
10J29ap	U	Lightning Lake	23	4N	8W	10,500
9J5PST	U	Mosby Mountain	33	3N	1E	9,500
9J3P	U	Paradise Park	7	3N	1E	10,100
10J18P	U	Rock Creek	21	2N	7W	7,900
10J32p	U	Shadow Lake	29	3N	8W	10,150
11J8PST	U	Strawberry Divide	2	4S	12W	8,400
11J35P	U	West Fork of the Duchesne	22	1N	11W	9,480
		PRICE RIVER				
10K5M	U	Corral	32	13S	14E	8,200
11K8	U	Dry Valley Divide	14	11S	7E	7,900
10K3M	U	Grassy Trail Creek-Left Fork	1	14S	13E	7,970
11K7	U	Jones Ranch	32	12S	7E	7,600
11K33MP	U	Mud Creek	4	14S	7E	8,600
10K6	U	Timberline	23	13S	13E	9,100
10K2MPST	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				
11K31PST	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
11K40P	U	Orange Olsen	31	17S	6E	7,200
11K28PST	U	Red Pine Ridge	5	16S	6E	9,200
11K38	U	Rush Pond	24	19S	4E	9,800
11K9PST	U	Seeley Creek	25	17S	4E	10,000
11K27P	U	Stuart R.S.	8	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
11K15PST	U	Dill's Camp	27	20S	4E	9,200
		FREMONT RIVER				
11L4P	U	Black's Flat-U.M. Creek	33	24S	3E	9,400
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	9,850
9M3	U	Monticello Park	25	33S	23E	7,050
		ESCALANTE RIVER				
11M1	U	Widtsoe-Escalante Summit	22	34S	1W	9,500
11M2PST	U	Widtsoe-Escalante #2	22	34S	1W	9,500
11M3PST	U	Widtsoe-Escalante #3	22	34S	1W	9,500
		VIRGIN RIVER				
13M5PST	U	Kolob-Crystal	2	38S	11W	9,250
12M6	U	Long Valley Junction	22	38S	6W	7,500
12M3MPST	U	Webster Flat	20	37S	9W	9,200

LEGEND
Numbering System (example)

10J7	Snow Course Only
10J7F	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
10J7-1	Snow Course, Soil Moisture Station and Precipitation Gage
10J7a	Aerial Marker Only
10J7p	Storage Precipitation Gage Only
10J7PS	Snow Course, Precipitation Gage, Snow Pillow and Temperature
10J7PST	Snotel Data Site