United States
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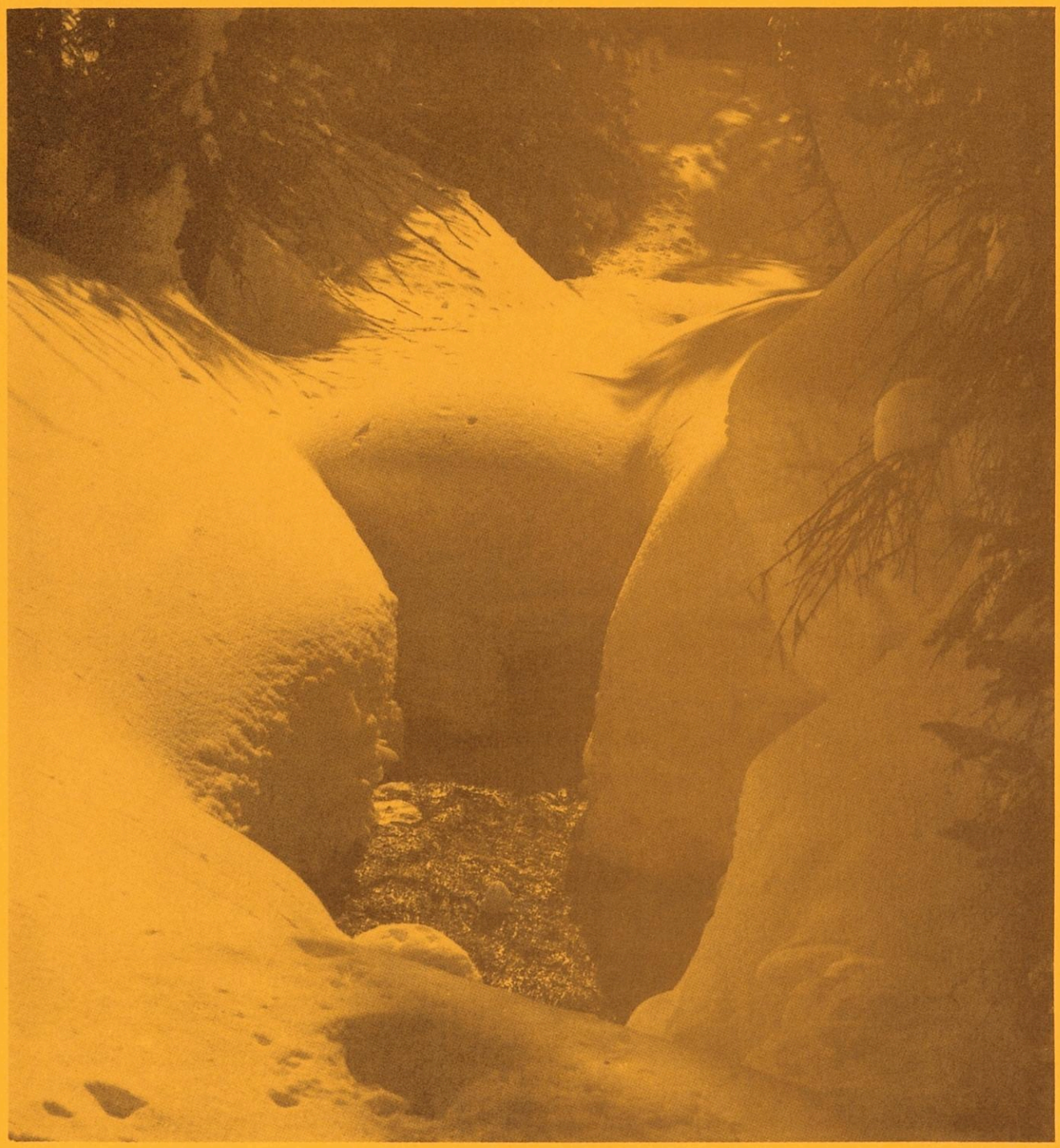
Soil
Conservation
Service

Salt Lake City
Utah

WATER SUPPLY OUTLOOK FOR UTAH

in Cooperation with Utah State Department of Natural Resources



January 1, 1984

WATER SUPPLY OUTLOOK FOR UTAH

and

FEDERAL-STATE-PRIVATE COOPERATIVE SNOW SURVEYS

Issued by

PETER C. MYERS
CHIEF
SOIL CONSERVATION SERVICE
WASHINGTON, D.C.

Released by

FRANCIS T. HOLT
STATE CONSERVATIONIST
SOIL CONSERVATION SERVICE
SALT LAKE CITY, UTAH

In Cooperation with

UTAH STATE DEPARTMENT OF NATURAL RESOURCES

DEE C. HANSEN
State Engineer
Division of Water Rights

DANIEL F. LAWRENCE
Director
Division of Water Resources

Report prepared by Snow Survey Staff

BOB L. WHALEY, Supervisor

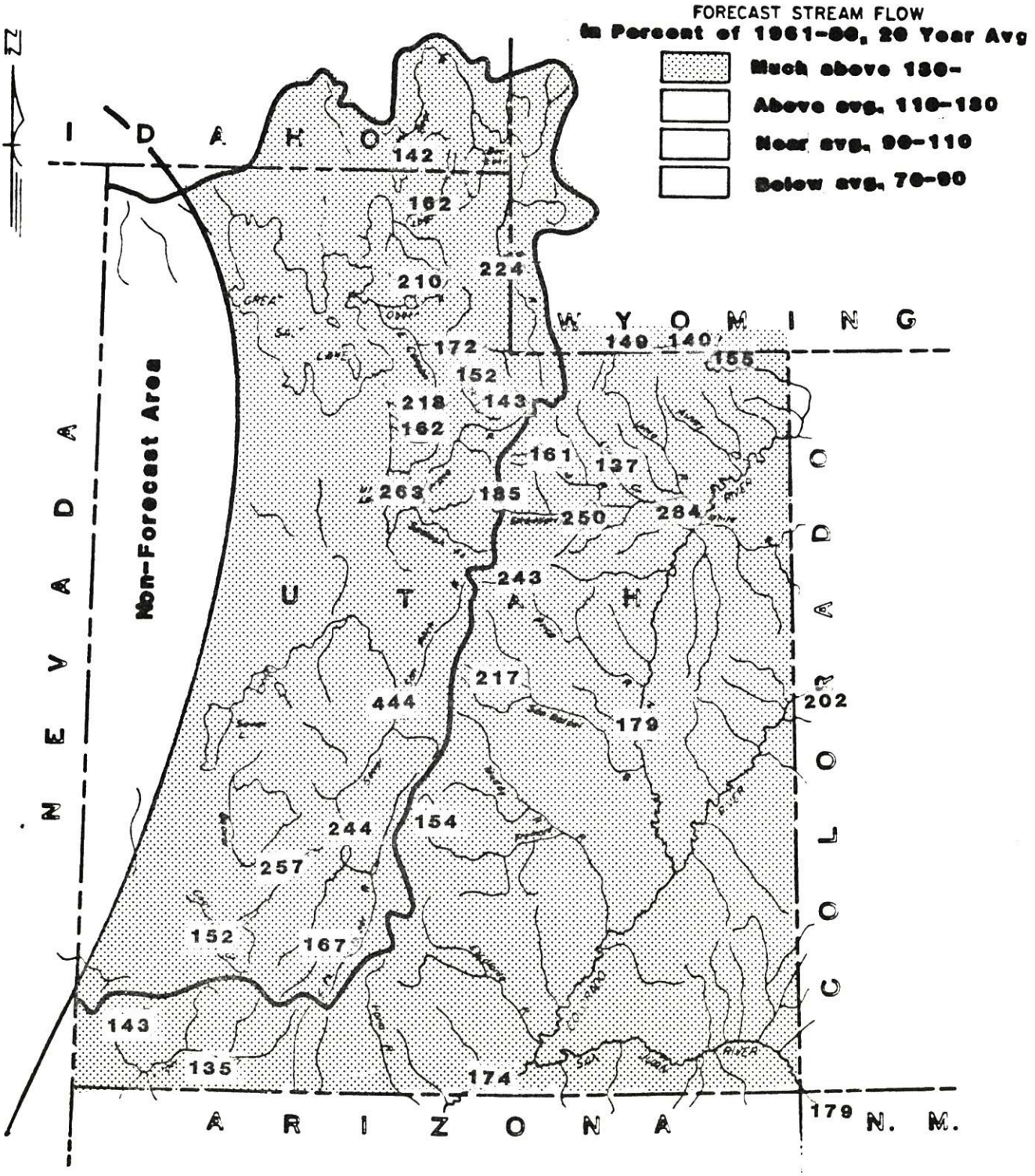
Soil Conservation Service
125 So. State, Fed. Bldg.
P.O. Box 11350
Salt Lake City, Utah 84147

PROSPECTIVE WATER SUPPLIES

Based on Snow Surveys Made on
UTAH and BEAR RIVER WATERSHEDS
January 1, 1984

Approximate Date

50 0 50 100
SCALE IN MILES



USDA SCS PORTLAND, OREG. 1510 M-2053

As of January 1, 1984

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* * * * * * * * * * * * * * * * * * * * * * * * * * * * * * *
* Utah's 1984 Water Supply Outlook ranges from above         *
* average to well above average.  Snow cover ranges from     *
* near average in South Eastern Utah to about 3 1/2 times    *
* average on the Ogden River in Northern Utah.  Watershed    *
* soils are wetter than last year and reservoir storage      *
* is 94% of capacity.  Streamflow forecasts range from       *
* about 130% of average to 577% of the April-July average.*
* * * * * * * * * * * * * * * * * * * * * * * * * * * * * * *
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SNOW COVER

Snow measurements taken the last week of December and the first few days of January show a very heavy snow pack in Northern and Central Utah. Snow cover ranges from 84% of average in the Enterprise-New Harmony area of South Western Utah to 344% of the January 1 average on the Ogden River.

Most snow courses in Northern and Central Utah have set new January 1 records. Basin by basin snow cover is as follows: Bear 262%, Logan, 239%, Weber 222%, Utah Lake 246%, Strawberry 242%, Duchesne 218%, Price 230%, San Rafael 320%, Muddy 245%, Fremont 281%, Escalante 162%, Lower Sevier 257%, Upper Sevier 186%, Beaver 286%, Virgin 149%, Coal Creek 137% and LaSal Mountains 118% of the January 1 average 1961-1980 period.

PRECIPITATION

Precipitation at mountain locations has ranged from about 130% of average in South Western Utah to better than three times average in Central Utah. Most other areas were 150 to 250% of the October-December average.

SOIL MOISTURE

Watershed soils are wetter than average and even wetter than last year in the northern two-thirds of the state.

RESERVOIR STORAGE

Reservoir storage is 151% of the January 1 average and 94% of useable capacity. Most reservoirs had extremely good carry over storage and are now releasing water to make space for spring runoff.

(More)

STREAMFLOW FORECASTS

Streamflow forecasts for the April-July period range from 129% of average on Ashley Creek to 577% for the Sigurd to Gunnison Inflow on the Lower Sevier. Ranges of forecasts by basins are as follows:

Bear River, 142% on Cub River to 325% on Bug Creek; Weber-Ogden Rivers, 143% at Oakley to 244% for Lost Creek; Provo-Jordan Tooele Valley, 154% for South Willow Creek to 260% for Hobble Creek; Duchesne Basin, 129% for Ashley Creek to 284% for Duchesne at Myton; South Eastern Utah, 129% for Mill Creek to 252% for Price at Heiner; Sevier-Beaver Basin, 167% for Sevier at Hatch to 577% for Sigurd to Gunnison Inflow; and Virgin River-Coal Creek-Lake Powell, 135 for Virgin near Hurricane to 174% for Lake Powell Inflow.

Again this season, the potential for flooding and mud slides is very high over most of the state. Precipitation amounts during the remainder of the winter and spring and temperatures during the snow melt season will determine how high and when the flow will begin.

RESERVOIR STORAGE (Thousand Acre Feet) END OF MONTH

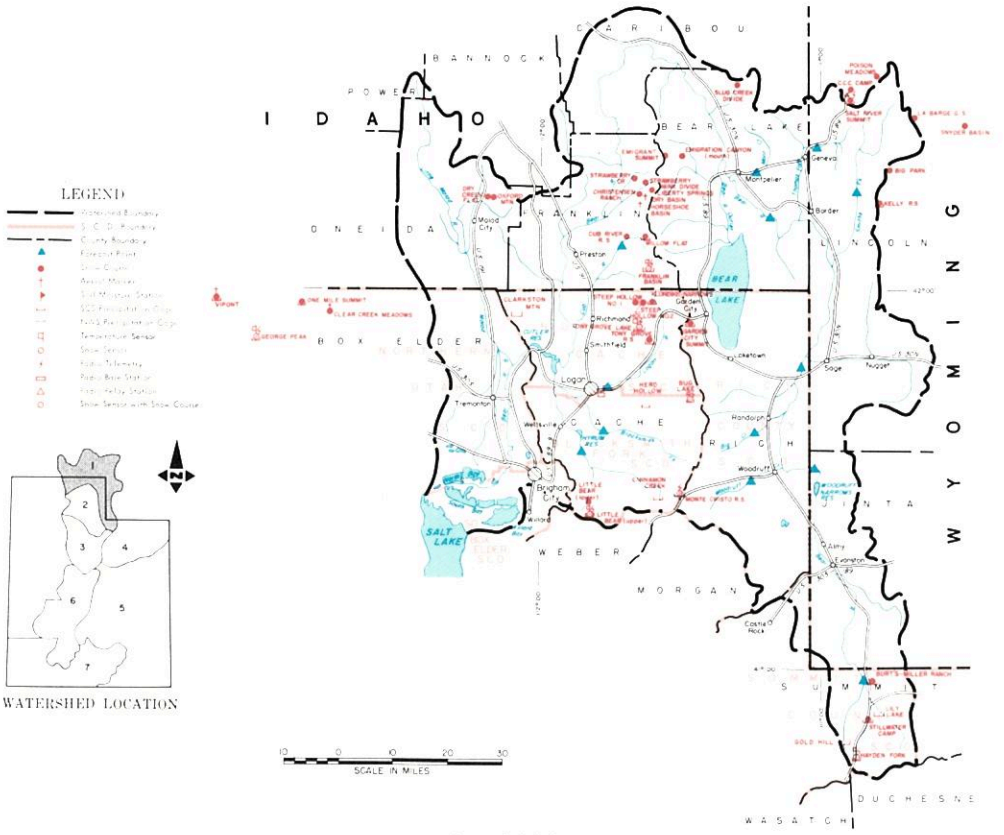
Basin or Stream	RESERVOIR	Usable Capacity	Usable Storage		
			This Year	Last Year	Average+
GREAT BASIN					
Bear River	Bear Lake	1421.0	1135.0	1176.8	973.3
	Woodruff Narrows	55.8	47.8	34.2	--
	Woodruff Creek	4.0	4.0	--	--
Beaver River	Minersville (RkyFd)	26.0	23.8	19.5	9.3
Little Bear	Hyrum	15.3	10.4	10.2	10.0
	Porcupine	11.3	2.9	3.9	2.8[b]
Ogden	Causey	6.9	1.1	2.8	2.1[b]
	Pineview	110.1	59.7	89.6	50.0[b]
Provo	Deer Creek	149.7	133.6	113.1	93.5
Settlement Creek	Settlement Creek	1.2	0.8	1.0	0.6[b]
	Vernon Creek	0.6	0.6	0.5	0.4[b]
Sevier River	Gunnison	18.2	15.0	17.0	9.5[b]
	Otter Creek	52.5	50.3	47.2	23.8
	Piute	71.8	69.2	59.1	29.3
	Sevier Bridge	236.0	229.0	211.1	87.0
	Panguitch Lake	22.3	--	--	--
Spanish Fork	Strawberry	270.0	271.7	244.6	136.7
Utah Lake	Utah Lake	883.9	1232.5	1045.8	601.6
Weber	East Canyon	48.1	31.4	41.0	33.3[b]
	Echo	73.9	37.8	45.8	41.4
	Lost Creek	20.0	10.4	15.6	12.7[b]
	Rockport	60.9	52.4	57.1	34.1
	Willard Bay	193.3	146.7	122.6	133.2[b]
COLORADO R. BASIN					
Ashley Creek	Steinaker	33.3	22.5	31.8	18.2[b]
	Red Fleet	26.0	19.0	--	--
Colorado	Blue Mesa	829.5	598.0	608.6	--
	Lake Powell	25002.0	22700.0	22545.0	--
Green	Flaming Gorge	3749.0	3450.0	3309.0	--
Lakefork	Moon Lake	35.8	27.1	28.9	13.6
Price River	Scofield	65.8	46.2	54.0	30.3
San Juan	Navajo	1696.0	1547.0	1474.0	--
	Ken's Lake	2.3	1.9	0.7	--
San Rafael	Huntington North	3.9	2.8	4.0	2.0[b]
	Joe's Valley	54.6	40.9	54.1	42.7[b]
	Mill Site	16.7	11.2	12.0	3.0[b]
Strawberry	Starvation	165.3	118.0	156.3	105.2[b]
	Soldier Creek	951.4	82.0	--	--
Uintah	Bottle Hollow	11.3	11.3	--	10.1[b]

b Average of past record in average period - less than 20 years
+ 1961-80 20 year average period

USDA-SCS PORTLAND, OREG 1969

WATER SUPPLY OUTLOOK
BEAR RIVER BASIN in UTAH

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



JANUARY 1, 1984

THE WATER SUPPLY OUTLOOK IS ABOVE AVERAGE

SNOW COVER ranges from 198% of the January average on the Upper Bear River to 284% on the Lower Bear. Logan River snow cover is 238% of average. This years snow water content is about twice last year on January 1st, and has set a new record, January 1st, on water content for most snow courses.

PRECIPITATION at mountain locations since October 1st ranged from 188 to 238% of the 20 year average (1961-80).

SOIL MOISTURE is well above average and wetter than last year and is expected to soak up very little snow melt this spring.

RESERVOIR STORAGE is above average in Bear Lake and Woodruff Narrows and near average in Porcupine and Hyrum Reservoirs.

STREAMFLOW FORECASTS range from 142% of average on Cub River to 325% for the Big Creek near Randolph. The Bear near Utah-Wyo. line is forecast 169%, near Woodruff 224% and at Harer 178%. Thomas Fork is forecast 177% and Smith's Fork 170%. Logan River is forecast 162%, Blacksmith Fork 204% and Little Bear 189% of average. Most forecasts are for flows a little higher than last year. Peak flow forecasts will begin February 1st.

USDA-SCS-PORTLAND, OR 1980 M17-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 3	PAST RECORD THOUSAND ACRE FEET Average +
BEAR RIVER					
Bear nr UT-Wyo. State Line	186	169	Apr-July	164	110
Bear nr Woodruff 1/	312	224	Apr-July	275	139
Woodruff Crk nr Woodruff, UT	30	173	Apr-July	30	17.3[b]
Big Creek nr Randolph, UT	17.2	325	Apr-July	--	5.3[b]
Bear nr Randolph 1/	262	238	Apr-July	294	110
Thomas Fork nr ID-WY State Ln	62	177	Apr-Sept	--	35
Smith's Fork nr Border, WY	203	170	Apr-Sept	--	119
Bear at Harer, Idaho 1/	553	178	Apr-Sept	--	310
Logan nr Logan 1/	188	162	Apr-July	167	116
Blacksmith Fork nr Hyrum	104	204	Apr-July	87	51
Little Bear nr Paradise	72	189	Apr-June	80	38
Cub River nr Preston, ID	74	142	Apr-Sept	--	52

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
BEAR RIVER	19	218	262
UPPER BEAR RIVER	6	200	198
LOWER BEAR RIVER	13	223	284
LOGAN RIVER	7	196	238

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
a - Partly estimated
b - Average of all past record - less than 20 years
e - Maximum mean daily peak flow
+ - 1961-80 20 year Average Period
* - Forecast in cooperation with National Weather Service

RESERVOIR STORAGE (Thousand Acre Feet)

BASIN OR STREAM	RESERVOIR	Useable Capacity	USEABLE STORAGE This Year	USEABLE STORAGE Last Year	USEABLE STORAGE Average+
BEAR RIVER	Bear Lake	1421.0	1135.0	1176.8	973.3
	Woodruff Narrows	55.8	47.8	34.2	--
	Woodruff Creek	4.0	4.0	--	--
LITTLE BEAR	Hyrum	15.3	10.4	10.2	10.0
	Porcupine	11.3	2.9	3.9	2.8[b]

PEAK FLOWS [e]

FORECAST POINT	PEAK FLOW (SECOND FEET) Forecast Range	PEAK FLOW (SECOND FEET) Average +
Bear nr. Ut.-Wyo. Stateline	Begins Feb. 1st	1506
Woodruff Creek nr Woodruff		253[b]
Big Creek nr Randolph		48[b]
Logan River nr Logan		980
Little Bear nr Paradise		519

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	1/6	19	4.4	1.7	2.3[b]
Cub River R.S.	12/29	43	11.2	5.0	3.5[a]
Emigrant Summit	1/1	--	21.1[a]	13.5	9.6[a]
Franklin Basin	12/29	66	20.7	10.7	7.5[b]
Hayden Fork	1/6	42	12.5	5.0	5.6[b]
Klondike Narrows	12/29	59	17.0	8.2	7.7

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	1/3	40	12.7	6.2	3.6[b]
Little Bear Upper	1/3	49	15.5	7.0	4.2[b]
Monte Cristo	12/30	69	21.9	11.0	9.7[b]
Salt River Summit	12/29	42	9.8	6.4	6.3
Stillwater Camp	1/6	31	8.3	3.5	4.0[b]
Tony Grove R.S.	12/29	54	15.3	5.7	4.6

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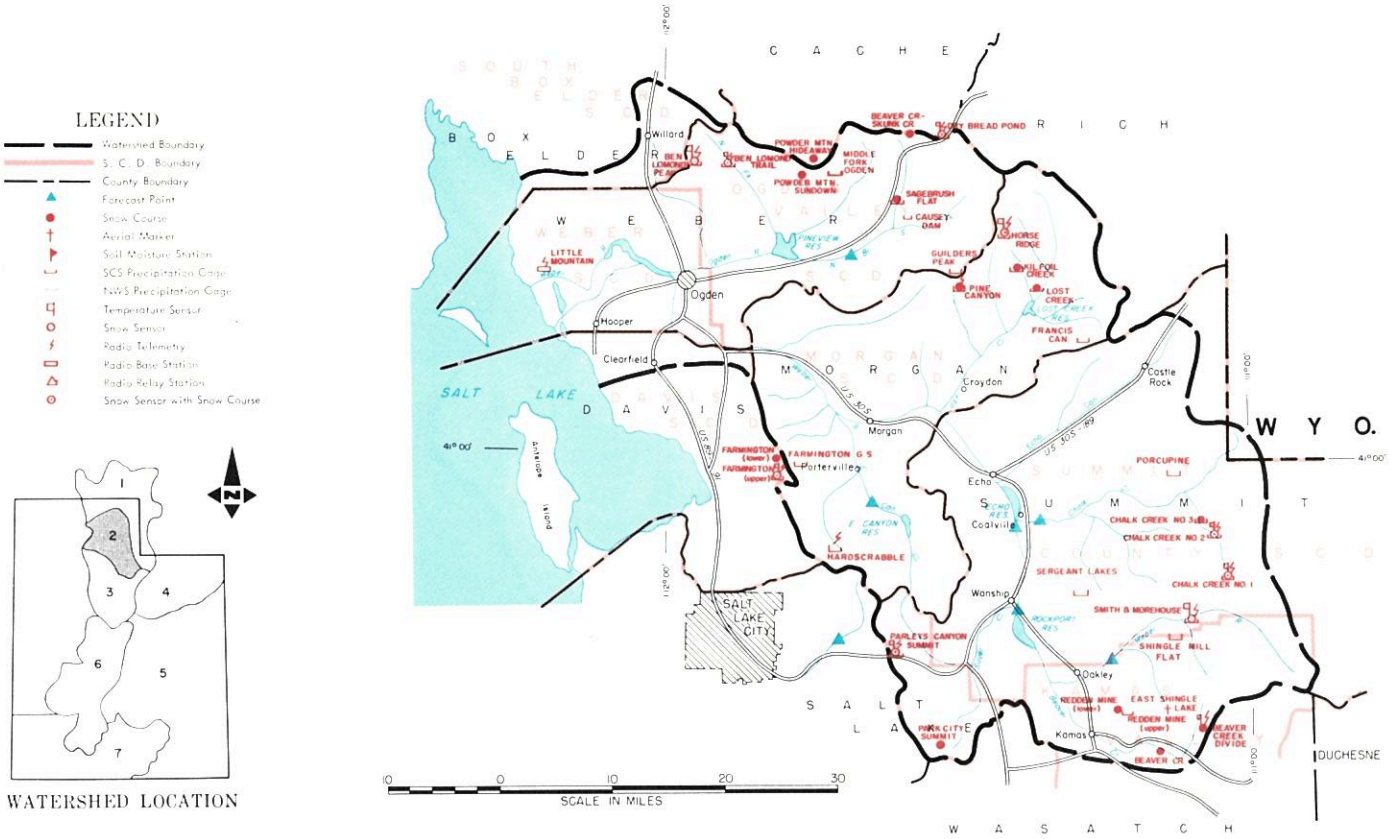
WATER SUPPLY OUTLOOK

WEBER-OGDEN WATERSHEDS in UTAH

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



JANUARY 1, 1984

THE 1984 WATER SUPPLY OUTLOOK IS WELL ABOVE AVERAGE

SNOW COVER ranges from 222% of the January 1, 20 year average (1961-1980) on Weber River to 344% on the Ogden Basin. Almost all snow courses in this area have set new January 1 records. Several snow courses on the Ogden have already exceeded their average peak accumulation on April 1.

PRECIPITATION at mountain stations ranged from 170% of the October-December average at Smith and Morehouse on the Upper Weber to 209% at Chalk Creek #3 and 208% at Ben Lomond Trail.

SOIL MOISTURE is well above average and wetter than last year at this time at mountain stations.

RESERVOIR STORAGE as of January 1 was generally above average but all reservoirs are beginning to release water to make room for spring runoff.

STREAMFLOW FORECASTS range from 143% of the April-June period for the Weber near Oakley to 244% for Lost Creek. Ogden River is forecast 198% for the South Fork and 210% for Pineview Inflow. Weber River is forecast 152% for Rockport Inflow, 155% near Coalville, 172% for Echo Inflow and 190% at Gateway. Chalk Creek is forecast 206%, East Canyon 240%, Hardscrabble 185% and Farmington Creek 198% of average. All forecasts are near or slightly above flows of last year. Peak flow forecasts will be issued February 1.

USDA-SCS-PORTLAND, OR. 1980 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	146	143	Apr-June	144	102
Rockport Reservoir Inflow 1/	169	152	Apr-June	164	111
Chalk Creek at Coalville	74	206	Apr-June	67	36
Weber nr Coalville 1/	184	155	Apr-June	187	119
Lost Creek nr Croydon, UT 1/	38	244	Apr-June	37	15.6[a]
East Canyon Creek nr Morgan 1/	60	240	Apr-June	53	25
Hardscrabble Crk nr Porterville	34	185	Apr-June	--	18.4[a]
S. Fork Ogden nr Huntsville1/	113	198	Apr-June	96	57[a]
Pineview Reservoir Inflow 1/	241	210	Apr-June	207	115[a]
Echo Reservoir Inflow 2/	250	172	Apr-June	227	145
Weber at Gateway 1/	570	190	Apr-June	574	300
JORDAN RIVER & SALT LAKE					
Farmington Crk nr Farmington	16.2	198	Apr-July	--	8.2[b]

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	208	344
WEBER RIVER	13	206	222

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
a - Partly estimated
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e - Maximum mean daily peak flow
+ - 1961-80 20 year Average Period
* - Forecast in cooperation with National Weather Service

RESERVOIR STORAGE (Thousand Acre Feet)

BASIN OR STREAM	RESERVOIR	Useable Capacity	USEABLE STORAGE This Year	USEABLE STORAGE Last Year	USEABLE STORAGE Average+
OGDEN	Causey	6.9	1.1	2.8	2.1[b]
	Pineview	110.1	59.7	89.6	50.0[b]
WEBER	East Canyon	48.1	31.4	41.0	33.3[b]
	Echo	73.9	37.8	45.8	41.4
	Lost Creek	20.0	10.4	15.6	12.7[b]
	Rockport	60.9	52.4	57.1	34.1
	Willard Bay	193.3	146.7	122.6	133.2[b]

PEAK FLOWS e

FORECAST POINT	PEAK FLOW (SECOND FEET) Forecast Range	PEAK FLOW (SECOND FEET) Average +
South Fork Ogden nr Huntsville	Begins Feb. 1st	763
Chalk Creek nr Coalville		510
Weber nr Oakley		1540

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.	1/4	30	8.2	3.9	3.7
Beaver Creek-Skunk Creek	12/30	45	13.5	6.5	4.8[b]
Ben Lomond Peak	1/3	118	42.2	21.8	12.6[b]
Ben Lomond Trail	1/3	80	25.8	12.2	5.5[b]
Chalk Creek #1	1/6	54	16.9	11.0	8.8[b]
Chalk Creek #2	1/6	38	11.5	7.0	6.1[b]
Chalk Creek #3	1/6	25	6.5	3.6	3.5[b]
Dry Bread Pond	12/30	59	18.5	9.1	6.8[b]

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	1/10	62	21.4	9.7	7.6[b]
Lost Creek Reservoir	12/30	33	8.0	2.6	1.9[b]
Monte Cristo	12/30	69	21.9	11.0	9.7[b]
Parleys Canyon Summit	12/29	70	18.0	8.7	7.7
Sagebrush Flat	12/30	38	9.6	3.1	2.2[b]
Smith & Morehouse	1/6	39	11.6	7.0	5.3[b]
Trial Lake	1/6	61	19.2	10.8	10.7

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

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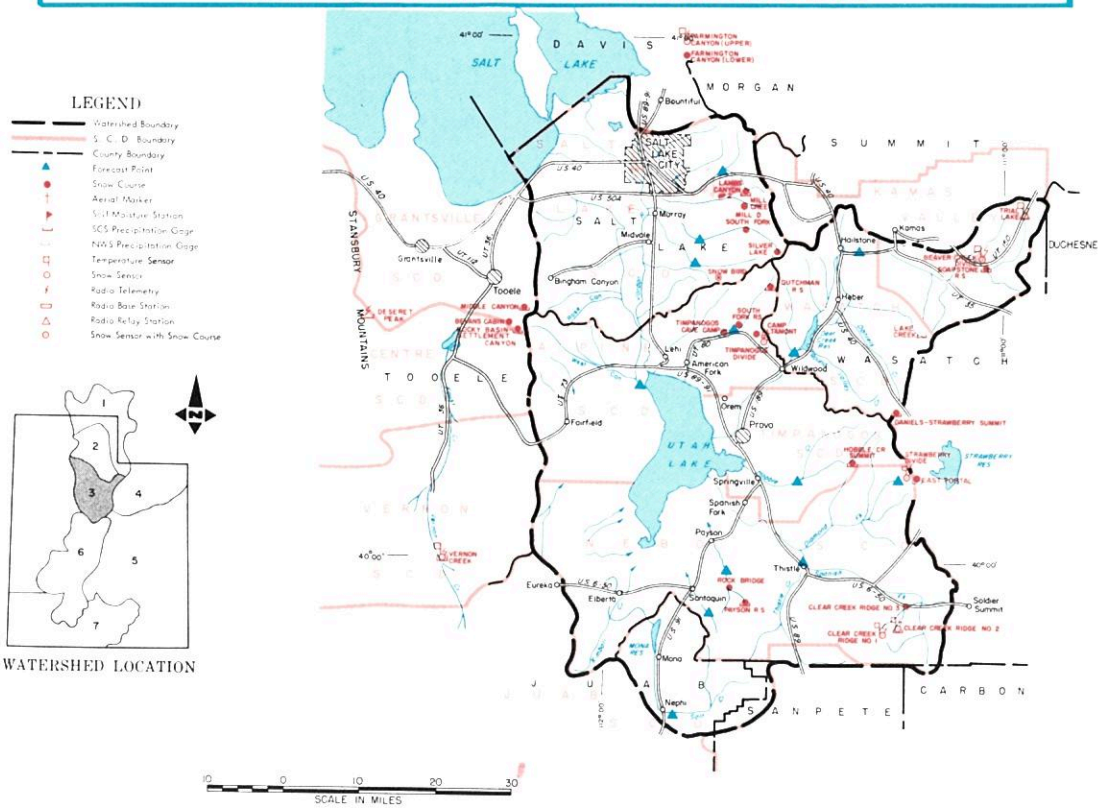
UTAH STATE DEPARTMENT OF NATURAL RESOURCES



JANUARY 1, 1984

THE 1984 WATER SUPPLY OUTLOOK IS WELL ABOVE AVERAGE

SNOW COVER ranges from 187% of the January 1 average (1961-1980) on the Jordan River and Salt Lake drainages to 246% on the Provo-Utah Lake drainage. All snow courses except on the head of the Provo and American Fork Rivers have set new January 1 records.

PRECIPITATION at mountain stations ranged from 157% of the October-December average at Lambs Canyon #2 to 200% at Rocky Basin above Tooele.

SOIL MOISTURE is well above average and wetter than last year at this time.

RESERVOIR STORAGE is above average with Utah Lake 3.36 feet above compromise and releasing as much as possible to draw down prior to spring runoff.

STREAMFLOW FORECASTS for the April-July period range from 158% of average on Little Cottonwood Creek to 263% for Utah Lake Inflow. The Provo is forecast 189% at Hailstone and 250% below Deer Creek Dam. Payson Creek is forecast 210%, Spanish Fork 250%, Hobble Creek 260% and American Fork 194% of the April-July average. Big Cottonwood is forecast 162%, Mill Creek 203%, Parleys Creek 218%, Emigration Creek 243% and City Creek 179% of average. Streams in Tooele Valley are forecast 154% on South Willow, 187% on Settlement Creek and 217% on Vernon Creek.

USDA SCS PORTLAND, OR 1981 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 3	PAST RECORD THOUSAND ACRE FEET Average +
PROVO RIVER AND UTAH LAKE					
Provo nr Hailstone 1/	200	189	Apr-July	160	106
Provo below Deer Creek Dam1/	300	250	Apr-July	--	118
American Fork nr American Fk.	60	194	Apr-July	--	31
Hobble Creek nr Springville	45	260	Apr-July	--	18.7[b]
Strawberry Reservoir Inflow1/	98	185	Apr-July	147	53
Spanish Fork at Thistle	100	250	Apr-July	--	40
Payson Creek nr Payson	13.0	210	Apr-July	--	6.2
Utah Lake Inflow	625	263	Apr-July	--	238
JORDON RIVER & SALT LAKE					
Little Cottonwood Crk nr SLC	60	158	Apr-July	63	38
Big Cottonwood nr SLC	60	162	Apr-July	61	37
Parley's Creek nr SLC	32	218	Apr-July	42	14.8
Mill Creek nr SLC	12.0	203	Apr-July	13.6	5.8
Emigration Creek nr SLC	9.0	243	Apr-July	13.9	3.7
City Creek nr SLC	14.0	179	Apr-July	21.6	7.7
TOOELE VALLEY					
Settlement Crk nr Tooele	4.3	187	Apr-July	--	2.3[b]
S. Willow Crk nr Grantsville	4.6	154	Apr-July	4.3	3.0[b]
Vernon Creek nr Vernon	2.6	217	Jan-June	5.7[a]	1.2

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
PROVO RIVER & UTAH LAKE	9	211	246
JORDON RIVER & SALT LAKE	6	122	187

1 - Observed flow corrected for change in storage and diversions
3 - Provisional flows - subject to correction
a - Partly estimated
b - Average of past record - less than 20 years
+ - 1961-80 20 year average period
e - Maximum mean daily peak flow
* - Forecast in cooperation with National Weather Service

RESERVOIR STORAGE (Thousand Acre Feet)

BASIN OR STREAM	RESERVOIR	Useable Capacity	USEABLE STORAGE This Year	USEABLE STORAGE Last Year	USEABLE STORAGE Average†
SPANISH FORK	Strawberry	270.0	271.7	244.6	136.7
UTAH LAKE	Utah Lake	883.9	1232.5	1045.8	601.6
	Settlement Creek	1.2	0.8	1.0	0.6[b]
	Vernon Creek	0.6	0.6	0.5	0.4[b]
PROVO	Deer Creek	149.7	133.6	113.1	93.5

PEAK FLOWS [e]

FORECAST POINT	PEAK FLOW (SECOND FEET) Forecast Range	PEAK FLOW (SECOND FEET) Average +
Big Cottonwood nr Salt Lake City	Begins Feb. 1st	442
Little Cottonwood nr Salt Lake City		384
Provo Near Hailstone		2128
Spanish Fork nr Thistle		451[b]
American Fork nr American Fork		366
Mill Creek nr Salt Lake City		59
Parley's Creek nr Salt Lake City		153
City Creek nr Salt Lake City		75

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		Not Scheduled			--
Camp Altamont	--	--	--	12.9	6.5
Clear Creek #1	1/5	52	16.9	8.5	7.7[b]
Clear Creek #2	1/5	41	12.2	6.8	6.2[b]
Clear Creek #3	1/5	31	8.3	4.1	3.5[b]
Daniels-Strawberry Summit	1/6	42	13.5	9.8	5.7
Deseret Peak		Not Scheduled			
Dutchman R.S.	--	--	--	13.7	7.8[b]
Hobble Creek Summit	1/6	52	16.5	8.1	5.9[b]
Lambs Canyon #2	12/29	61	16.6	8.9	7.4[b]
Middle Canyon	1/1	50	11.2[a]	9.5[a]	5.9
Mill Creek	12/30	60	16.4	9.4	7.4[b]

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	12/30	67	18.4	11.5	7.8
Parley's Canyon Summit	12/29	70	18.0	8.7	7.7
Payson R.S.	12/28	65	18.9	12.4	7.7
Rocky Basin-Settlement Canyon	1/1		25.4[a]	23.0[a]	12.7[a]
Silver Lake Brighton	12/30	71	21.0	14.8	10.0
Soapstone R.S.	1/6	42	11.4	4.0	5.4
South Fork R.S.	--	--	--	7.8	2.6
Timpanogos Divide	1/6	--	15.4[a]	16.0	10.4
Trial Lake	1/6	61	19.2	10.8	10.7
Vernon Creek	12/29	44	11.8	8.8[a]	4.0[b]

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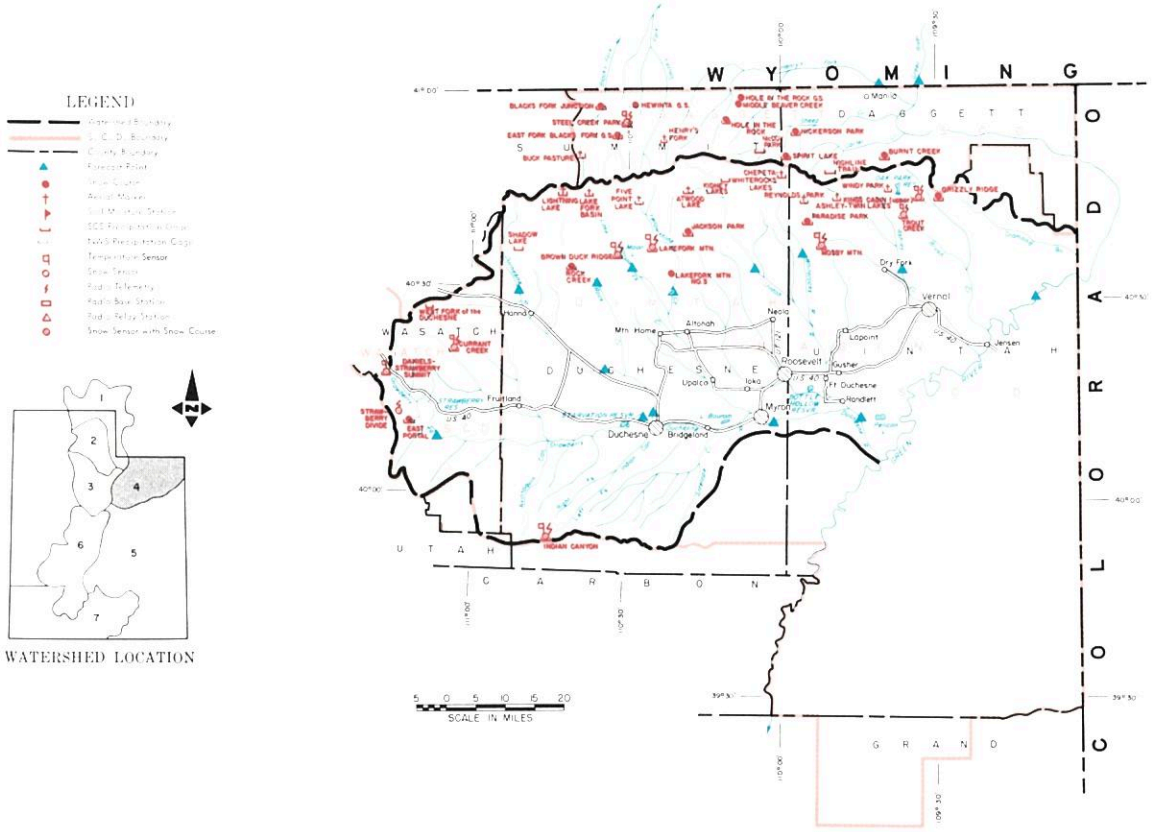
WATER SUPPLY OUTLOOK

UINTAH BASIN and DAGGETT SCD's in UTAH

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



JANUARY 1, 1984

THE 1984 WATER SUPPLY OUTLOOK IS ABOVE AVERAGE TO WELL ABOVE AVERAGE

SNOW COVER ranges from 168% of the January 1 average on Ashley Creek to 242% on Lakefork-Yellowstone Creeks and Strawberry River. The Uintah-Whiterocks Basins are 190%, Sheep Creek 214% and Black's Fork 228% of average. Several courses on the west end of the Uintahs set new January 1 records.

PRECIPITATION at mountain stations ranged from 129% at Paradise Park to 227% at East Portal Strawberry Reservoir for the October-December period.

SOIL MOISTURE is above average and wetter than last year.

RESERVOIR STORAGE is above average.

STREAMFLOW FORECASTS range from 129% of the April-July period on Ashley Creek to 284% for the Duchesne at Myton. The Duchesne is forecast 161% at Tabiona, 156% at Duchesne, 162% for West Fork and 269% at Randlett. Strawberry River is forecast 250%, Currant Creek 190%, Rock Creek 144%, Lakefork Creek 137%, Yellowstone Creek 139%, Uintah River 152%, Whiterocks River 147%, Henry's Fork 140%, Black's Fork 149% and Flaming Gorge Inflow 155% of average. Peak flow forecasts will be published beginning February 1.

USDA-SCS-PORTLAND, OR 1980 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 3	PAST RECORD THOUSAND ACRE FEET Average †
DUCHESNE RIVER					
Duchesne nr Tabiona 1/	169	161	Apr-July	141	105
Duchesne at Duchesne 1/	294	156	Apr-July	290	189
Strawberry at Duchesne	145	250	Apr-July	185	58
Rock Creek nr Mtn. Home	134	144	Apr-July	--	93
Currant Creek nr Fruitland	38	190	Apr-July	54	20
Lakefork below Moon Lake 1/	96	137	Apr-July	--	70
Yellowstone nr Altonah	90	139	Apr-July	--	65
Duchesne at Myton 1/	583	284	Apr-July	--	205
Whiterocks nr Whiterock	85	147	Apr-July	97	58
Uintah nr Neola	131	152	Apr-July	--	86
Duchesne at Randlett 1/	692	269	Apr-July	--	257
West Fork Duchesne at Hanna	42	162	Apr-July	--	26
FLAMING GORGE TO DUCHESNE RIVER					
Henry's Fork nr Manila	67	140	Apr-Sept	162	48[a]
Black's Fork nr Millburne	134	149	Apr-July	145	90
Flaming Gorge Inflow 1/	1935	155	Apr-July	--	1248
Ashley Creek nr Vernal	66	129	Apr-July	--	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	11	115	218
LAKEFORK-YELLOWSTONE CREEKS	3	103	242
STRAWBERRY RIVER	4	165	242
UINTAH - WHITEROCKS RIVERS	3	73	190
ASHLEY CREEK	2	75	168
BLACK'S FORK	3	228	228
SHEEP CREEK	2	185	214

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
a - Partly estimated
b - Average of all past record - less than 20 years
e - Maximum mean daily peak flow
+ - 1961-80 20 year Average Period
* - Forecast in cooperation with National Weather Service

RESERVOIR STORAGE (Thousand Acre Feet)

BASIN OR STREAM	RESERVOIR	Useable Capacity	USEABLE STORAGE This Year	USEABLE STORAGE Last Year	USEABLE STORAGE Average †
ASHLEY CREEK	Steinaker	33.3	22.5	31.8	18.2[b]
GREEN RIVER	Flaming Gorge	3749.0	3450.0	3309.0	--
LAKE FORK	Moon Lake	35.8	27.1	28.9	13.6
STRAWBERRY	Starvation	165.3	118.0	156.3	105.2[b]
UINTAH	Bottle Hollow	11.3	11.3	--	10.1[b]

PEAK FLOWS[e]

FORECAST POINT	PEAK FLOW (SECOND FEET) Forecast Range	PEAK FLOW (SECOND FEET) Average †
Strawberry at Duchesne	Begins Feb. 1st	675
Ashley Creek nr Vernal		966
Rock Creek nr. Mtn. Home		1415

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	1/6	52	15.8	14.3	5.7[b]
Currant Creek	1/6	31	9.6	6.5	3.9[b]
Daniels-Strawberry	1/6	42	13.5	9.8	5.7
Hewinta G. S.	1/6	31	8.8	2.9	3.5[b]
Hickerson Park	1/6	27	7.1	2.7	1.9[b]
Jackson Park	1/6	36	9.6	11.4	2.7[b]
Kings Cabin Upper	1/6	29	7.7	8.9	4.3[b]

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	1/6	31	8.8	8.5	4.2[b]
Mosby Mountain	1/7	25	5.8	8.9	4.2[b]
Paradise Park	1/7	32	8.4	12.4	5.6[b]
Rock Creek Ranch	1/6	25	6.5	5.9	2.2[b]
Spirit Lake	1/6	30	7.9	5.4	5.1[b]
Steel Creek Park	1/6	45	13.0	7.7	6.3[b]
Strawberry Divide	12/30	64	18.8	9.5	7.9[b]
Trout Creek	1/6	25	6.6	10.2	4.2[b]

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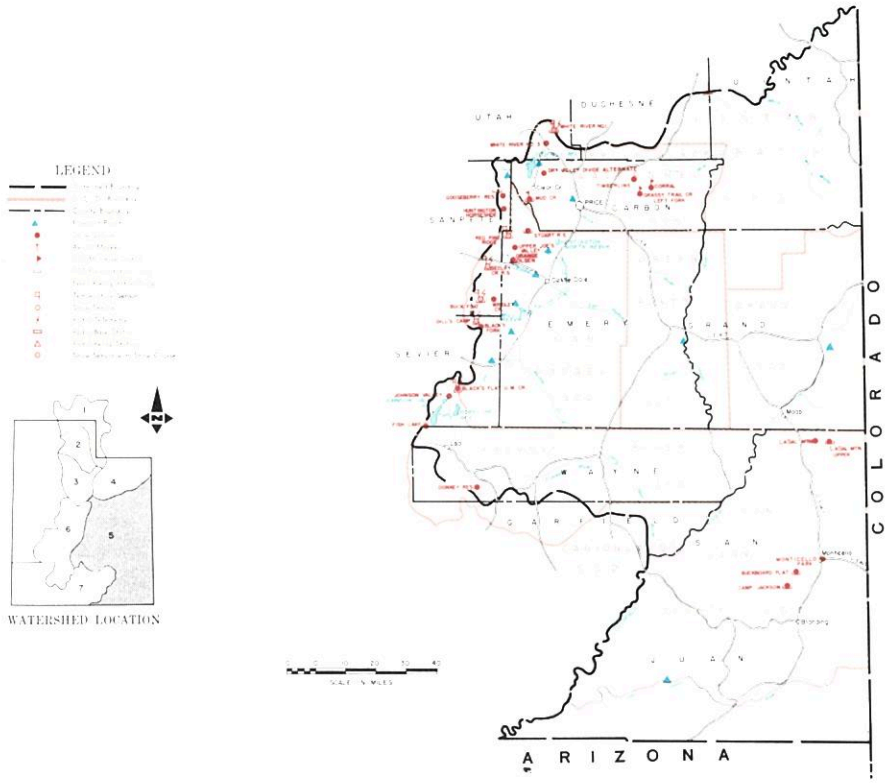
WATER SUPPLY OUTLOOK
CARBON, EMERY, WAYNE, GRAND and SAN JUAN COUNTIES in UTAH

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



JANUARY 1, 1984

THE 1984 WATER SUPPLY OUTLOOK IS NEAR AVERAGE TO WELL ABOVE AVERAGE

SNOW COVER ranges from 110% of the January 1 average on the Blue Mountains to 320% on the San Rafael River. Price River is 230% of average, Fremont River 281% and Muddy River 245%. The LaSal Mountains above Moab are only 118% of the January 1 average. Most snow courses on the San Rafael, Price, Muddy and Fremont Rivers set new January 1 records.

PRECIPITATION at mountain stations on the Price and San Rafael drainages ranged from 200% to 300% of the October-December average for those which have averages.

SOIL MOISTURE is above average except on the Blue and LaSal Mountains which are near average.

RESERVOIR STORAGE is above average in all but Joe's Valley Reservoir.

STREAMFLOW FORECASTS range from 129% of the April-July average for Mill Creek above Moab, to 252% of average for the Price River at Heiner. Scofield Reservoir Inflow is forecast 243%, Huntington Creek 229%, Cottonwood Creek 217%, Ferron Creek 216%, Muddy Creek 211% and Seven Mile Creek 154%. The Colorado River near Cisco is forecast 202%, Green River 179%, Navajo Inflow 151% and San Juan River near Bluff 179% of the April-July average.

USDA-SCS-PORTLAND, OR. 1984 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	PAST RECORD THOUSAND ACRE FEET Average †
PRICE RIVER					
Gooseberry Crk nr Scofield	25	234	Apr-July	--	--
Scofield Reservoir Inflow	92	243	Apr-July	--	38
Price nr Heiner 1/	160	252	Apr-July	--	63
SAN RAFAEL RIVER					
Huntington Crk nr Huntington	112	229	Apr-July	--	49
Cottonwood Crk nr Orangeville	102	217	Apr-July	159	47[b]
Ferron Creek nr Ferron	80	216	Apr-July	75	37
MUDDY CREEK					
Muddy Creek nr Emery	39	211	Apr-July	44	18.5
UPPER COLORADO BASIN					
Colorado nr Cisco, UT	6150	202	Apr-July	--	3046
Green at Green River, UT	5400	179	Apr-July	--	3016
Mill Creek nr Moab	7.1	129	Apr-July	12.4	5.5[b]
Navajo Reservoir Inflow	1100	151	Apr-July	--	684
San Juan nr Bluff, UT	1780	179	Apr-July	--	995
FREMONT RIVER					
Seven Mile Crk nr Fish Lake	10.0	154	Apr-July	28	6.5[b]

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	4	195	230
SAN RAFAEL RIVER	8	169	320
FREMONT RIVER	3	178	281
LASAL MOUNTAINS	2	64	118
BLUE MOUNTAINS	3	68	110
MUDDY RIVER	2	176	245

1 - Observed flow corrected for change in storage and diversions
2 - Inflow record as computed by U. S. Bureau of Reclamation
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a - Partly estimated
b - Average of all past record - less than 20 years
e - Maximum mean daily peak flow
+ - 1961-80 20 year Average Period
* - Forecast in cooperation with National Weather Service

RESERVOIR STORAGE (Thousand Acre Feet)

BASIN OR STREAM	RESERVOIR	Useable Capacity	USEABLE STORAGE This Year	USEABLE STORAGE Last Year	USEABLE STORAGE Average†
PRICE RIVER	Scofield	65.8	46.2	54.0	30.3
SAN RAFAEL	Huntington North	3.9	2.8	4.0	2.0[b]
	Joe's Valley	54.6	40.9	54.1	42.7[b]
	Mill Site	16.7	11.2	12.0	3.0[b]
SAN JUAN	Navajo	1696.0	1547.0	1474.0	--
	Kens Lake	2.3	1.9	0.7	--

PEAK FLOWS

FORECAST POINT	PEAK FLOW (SECOND FEET) Forecast Range	PEAK FLOW (SECOND FEET) Average †
Ferron Creek near Ferron	Begins Feb. 1st	444
Muddy Creek near Emery		168
Huntington Cr. near Huntington		

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	1/4	59	19.0	12.1	6.7[b]
Buckboard Flat	1/3	29	5.9	10.4	7.1[b]
Camp Jackson	1/4	29	8.3	12.5	6.6[b]
Dills Camp	1/4	44	12.8	7.0	5.2[b]
Dry Valley Divide Alternate	1/5	37	10.5	6.2	6.7[b]
Huntington-Horseshoe	1/5	68	25.2	16.8	7.8[b]
Indian Canyon	1/6	33	8.9	9.8	5.3
Lasal Mtn. Upper	12/27	36	9.6	13.7	6.9[b]
Mammoth-Cottonwood R.S.	1/5	65	22.6	13.7	8.1[b]

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 †
Monticello City Park	1/3	8	2.8	2.3	1.8[b]
Mud Creek	1/6	49	14.3	6.9	5.7
Red Pine Ridge	1/5	59	18.8	11.0	6.7[b]
Seeley Creek	1/5	56	21.7	11.0	4.6[b]
White River #1	1/6	43	13.6	8.0	5.3[b]
White River #3	1/6	30	8.8	4.1	3.7[b]

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WATER SUPPLY OUTLOOK

SEVIER RIVER BASIN including BEAVER RIVER in UTAH

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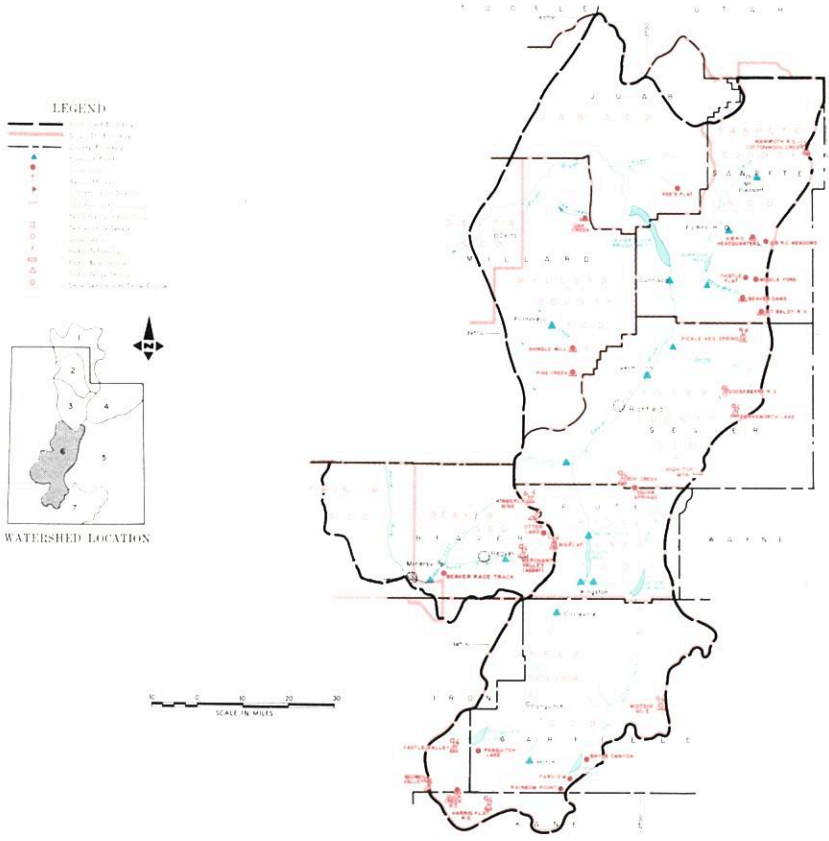
UTAH STATE DEPARTMENT OF NATURAL RESOURCES



JANUARY 1, 1984

THE 1984 WATER SUPPLY OUTLOOK IS WELL ABOVE AVERAGE

SNOW COVER ranges from 169% of the January 1 average on the South Fork of the Sevier to 286% on Beaver River. The East Fork Sevier is 251% and Lower Sevier 257% of average. All areas but the South Fork of the Sevier have greater snow water content than last year at this time.

PRECIPITATION at mountain stations for the October-December period ranged from 156% of average at Duck Creek to 311% at Beaver Dams above Mayfield.

SOIL MOISTURE is about average on the Upper Sevier but wetter than average on the Lower Sevier.

RESERVOIR STORAGE is above average with most reservoirs releasing water to make room for spring runoff.

STREAMFLOW FORECASTS range from 167% of the April-July average for the Sevier at Hatch to 577% for the Inflow Sigurd to Gunnison. Other Sevier River forecasts are as follows: Circleville 238%, Kingston 241%, Below Piute 244%, Kingston to Vermillion 330%, Vermillion to Gunnison 571% and Sevier near Gunnison 444%. Clear Creek is forecast 212%, Antimony 194%, Salina Creek 243%, Chalk Creek 305%, Chicken Creek 214%, Oak Creek 175%, Ephriam Creek 235%, Pleasant Creek 291% and Salt Creek 200%. Beaver River is forecast 257% of average near Beaver, North Creeks 253% and Minersville Inflow 438% of the April-June average. Peak flow forecasts will be published beginning February 1.

USDA SCS-PORTLAND OR 1971 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[3]	PAST RECORD THOUSAND ACRE FEET Average †
SEVIER RIVER					
Sevier at Hatch	80	167	Apr-July	--	48
Sevier nr Circleville	75	238	Apr-July	--	38
Sevier nr Kingston	70	241	Apr-July	--	28
Antimony Crk nr Antimony	20	194	Apr-July	--	10.3
East Fork Sevier nr Kingston1/	45	238	Apr-July	--	18.9
Sevier below Piute Dam	110	244	Apr-July	--	45
Clear Crk nr Sevier (abv Div)	40	212	Apr-July	--	18.9
Sigurd to Gunnison	150	577	Apr-July	--	26
Kingston to Vermillion Dam	110	330	Apr-June	--	45
Vermillion Dam to Gunnison	160	571	Apr-June	--	25
Salina Creek at Salina	29	243	Apr-June	--	11.9
Sevier nr Gunnison	240	444	Apr-July	--	54
Chalk Creek nr Fillmore	50	305	Apr-July	--	16.4[b]
Chicken Creek nr Levan	7.5	214	Apr-July	24	3.5[b]
Oak Cr. nr Oak City	2.8	175	Apr-July	4.5	1.6[b]
Ephraim Creek nr Ephraim	35	235	Apr-July	--	14.9
Pleasant Crk nr Mt. Pleasant	25	291	Apr-July	--	8.6
Salt Creek nr. Nephi	27	200	Apr-July	--	13.5
Beaver nr Beaver	59	257	Apr-July	72	23
North Creek (Combined)	37	253	Apr-July	--	14.6[a]
Minersville Inflow	39	438	Apr-June	--	8.9

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	8	88	186
East Fork Sevier	2	135	251
South Fork Sevier	6	78	169
LOWER SEVIER	12	163	257
BEAVER RIVER	3	149	286

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
a - Partly estimated
b - Average of all past record - less than 20 years
e - Maximum mean daily peak flow
+ - 1961-80 20 year Average Period
* - Forecast in cooperation with National Weather Service

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	15.0	17.0	9.5[b]
	Otter Creek	52.5	50.3	47.2	23.8
	Piute	71.8	69.2	59.1	29.3
	Sevier Bridge	236.0	229.0	211.1	87.0
	Panguitch Lake	22.3	--	--	--
BEAVER RIVER	Minersville (Rky Fd)	26.0	23.8	19.5	9.3

PEAK FLOWS e

FORECAST POINT	PEAK FLOW (SECOND FEET) Forecast Range	PEAK FLOW (SECOND FEET) Average †
Beaver River nr Beaver	Begins Feb. 1st	257
Sevier River at Hatch		
Sevier River nr Kingston		
Clear Creek nr Sevier		
Salina Creek nr Salina		

SNOW

DRAINAGE BASIN and/or SNOW COURSE NAME	Date of Survey	Snow Depth (Inches)	Water Content (Inches)	PAST RECORD Water Content (Inches) Last Year	PAST RECORD Water Content (Inches) Average †
Big Flat	1/3	63	19.7	13.0	6.6[b]
Bryce Canyon	1/12	15	2.8	5.1	2.0
Castle Valley	12/30	36	9.9	11.4	6.0[b]
Duck Creek	12/30	30	7.7	12.1	5.1
Farnsworth Lake	1/4	53	16.8	10.1	7.9
Gooseberry R.S.	1/4	37	10.7	6.0	5.2
Harris Flat	12/30	16	5.1	8.0	3.2
Kimberly Mine	12/29	49	13.7	9.8	6.0

SNOW

DRAINAGE BASIN and/or SNOW COURSE NAME	Date of Survey	Snow Depth (Inches)	Water Content (Inches)	PAST RECORD Water Content (Inches) Last Year	PAST RECORD Water Content (Inches) Average †
Long Valley Junction	12/30	13	3.8	8.1	1.9
Merchants Valley Upper	1/3	46	13.9	9.8	5.2[b]
Midway Valley	12/30	40	12.1	20.4	8.3
Oak Creek	12/29	46	12.4	10.0	5.0[b]
Otter Lake	1/3	49	14.8	9.7	5.1[b]
Pickle Keg Springs	1/4	55	17.1	8.6	6.1[b]
Pine Creek	12/29	63	18.7	14.7	6.8[b]
Widtsoe-Escalante #3	12/31	31	8.1	7.3	5.0

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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

JANUARY 1, 1984

THE WATER SUPPLY OUTLOOK IS ABOVE AVERAGE

SNOW COVER ranges from 84% of the January 1 average for the Enterprise to New Harmony drainages to 163% on Parowan Creek. The snow pack on Coal Creek is 137% and the Virgin River is 149% of average.

PRECIPITATION at mountain stations for October through December was generally above average ranging from 147% at Widtsoe-Escalante #3 to 167% of average at Webster Flat.

SOIL MOISTURE is generally greater than normal.

RESERVOIR STORAGE is above average.

STREAMFLOW FORECASTS range from 135% of the April-June average for the Virgin River to 174% of the April-July average for Lake Powell Inflow. The Santa Clara River is forecast at 143% of the April-June average and Coal Creek is 152% of the April-July average.

USDA-SCS-PORTLAND, OR 1980 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 [3]	PAST RECORD THOUSAND ACRE FEET Average †
VIRGIN RIVER					
Virgin nr Hurricane	84	135	Apr-June	52	63
Santa Clara nr Pine Valley	7.6	143	Apr-June	--	5.3
COAL CREEK					
Coal Creek nr Cedar City	28	152	Apr-July	22	18.4
UPPER COLORADO					
Lake Powell Inflow	1300	174	Apr-July	--	7462

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	55	137
VIRGIN RIVER	3	54	149
PAROWAN CREEK	4	92	163
ENTERPRISE - NEW HARMONY	2	33	84
ESCALANTE RIVER		--	--

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
a - Partly estimated
b - Average of all past record - less than 20 years
e - Maximum mean daily peak flow
+ - 1961-80 20 year Average Period
* - Forecast in cooperation with National Weather Service

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	23400.0	22545.0	--
	Blue Mesa	829.5	652.9	608.6	--

PEAK FLOWS [e]

FORECAST POINT	PEAK FLOW (SECOND FEET) Forecast Range	PEAK FLOW (SECOND FEET) Average †
Coal Creek nr Cedar City	Begins Feb. 1st	220
Virgin nr Virgin		1092

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	12/28	26	6.0	6.1	3.3[b]
Brian Head	12/30	48	13.4	14.9	8.7[b]
Harris Flat	12/30	16	5.1	8.0	3.2
Kolob-Crystal	12/30	36	10.1	18.0	6.5[b]
Little Grassy	12/30	1	0.1	2.0	1.2[b]
Long Flat	12/30	10	3.1	7.8	2.6[b]

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	12/30	13	3.8	8.1	1.9
SUSC Ranch	12/28	24	5.2	9.2	3.4[b]
Tall Poles	12/28	42	9.0	11.2	6.0[b]
Webster Flat	12/30	30	8.2	15.2	6.4
Yankee Reservoir	12/30	27	7.6	6.8	4.1[b]

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

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Furnishes the basic data necessary for forecasting water supply for irrigation, domestic and municipal water supply, hydro-electric power generation, navigation, mining and industry

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"The Conservation of Water begins with the Snow Survey"

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
GREAT BASIN											
UPPER BEAR RIVER (Above Harer, Idaho)											
Burts-Miller Ranch	1/6	19	4.4	1.7	2.3[b]	1/6	--	--	7.40	--	--
CCC Camp	12/29	36	8.4	5.0	5.1						
Hayden Fork	1/6	42	12.5	5.0	5.6[b]	1/6			16.56		
Monte Cristo R.S.	12/30	69	21.9	11.0	9.7[b]	12/30	--	--	21.47	11.07[b]	194
Salt River Summit	12/29	42	9.8	6.4	6.3					7.17	
Stillwater Camp	1/6	31	8.3	3.5	4.0[b]				11.41	--	
Lily Lake	1/6	38	11.1	5.8	--				13.61	--	
LOWER BEAR RIVER (Below Harer, Idaho)											
Bug Lake	12/30	62	18.8	7.2	--						
Cub River R.S.	12/29	43	11.2	5.0	3.5[a]						
Emigrant Summit	1/1	--	21.1[a]	13.5	9.6[a]						
Franklin Basin	12/29	66	20.7	10.7	7.5b	12/29			24.01	--	
Garden City Summit	12/29	53	15.6	7.5	7.3	1/9			17.81	8.06	221
Klondike Narrows	12/29	59	17.0	8.2	7.7	12/29			18.62	9.92	188
Little Bear (lower)	1/3	40	12.7	6.2	3.6[b]						
Little Bear (upper)	1/3	49	15.5	7.0	4.2[b]	1/3			22.34	--	
Slug Creek Divide	1/1	--	10.6[a]	7.4	6.8[a]						
Steep Hollow #1	12/29	93	28.6	17.0	13.2[b]						
Steep Hollow #2	12/29	73	21.7	12.1	8.8[b]						
Tony Grove Lake	12/29	102	31.4	15.4	14.1[b]	12/29			29.62	--	
Tony Grove R.S.	12/29	54	15.3	5.7	4.6	1/9			19.60	8.24[b]	238
Willow Flat	12/29	59	16.4	7.7	6.1[a]	12/29	11.63		23.13	14.14[b]	164
OGDEN RIVER											
Beaver Creek-Skunk Creek	12/30	45	13.5	6.5	4.8[b]						
Ben Lomond Peak	1/3	118	42.2	21.8	12.6[b]	1/3			43.0[e]		
Ben Lomond Trail	1/3	80	25.8	12.2	5.5[b]	1/3	6.04	--	31.74		
Causey Dam				--	--					6.62[b]	
Dry Bread Pond	12/30	59	18.5	9.1	6.8[b]	12/30			19.42		
Sagebrush Flat	12/30	38	9.6	3.1	2.2[b]	12/30			11.77		
WEBER RIVER											
East Shingle Lake (A)				--							
Beaver Creek R. S.	1/4	30	8.2	3.9	3.7						
Chalk Creek #1	1/6	54	16.9	11.0	8.8[b]	1/6			18.70	--	
Chalk Creek #2	1/6	38	11.5	7.0	6.1[b]	1/6			12.40	--	
Chalk Creek #3	1/6	25	6.5	3.6	3.5[b]	1/6			14.15	6.76[a]	209
Farmington Canyon (lower)	1/3	84	26.8	12.6	9.5[b]	1/3			26.35	--	
Farmington Canyon (upper)	1/3	98	32.6	17.3	12.6[b]	1/3			27.74	--	
Farmington G.S.				--	--						
Horse Ridge	1/10	62	21.4	9.7	7.6[b]	1/6			23.60		
Kilfoil Creek	12/30	52	14.2	7.5	4.8[b]						
Lost Creek Reservoir	12/30	33	8.0	2.6	1.9[b]	12/30			11.60	--	
Park City Summit	1/3	52	16.2	--	14.7[b]						
Parley's Canyon Summit	12/29	70	18.0	8.7	7.7	12/29			20.85	10.49	199
Redden Mine (lower)	1/6	47	14.2	9.2	6.6[b]	1/6			11.74	--	
Smith & Morehouse	1/6	39	11.6	7.0	5.3	1/6			14.20	8.35	170
Hardscrabble	1/10	70	23.8	10.2	--						
Pine Canyon	1/3	59	19.5	9.6	--						
PROVO RIVER & UTAH LAKE											
Beaver Creek Divide	1/5	41	11.4	5.1	4.7				15.80	--	
Camp Altamont	--	--	--	12.9	6.5						
Clear Creek Ridge #1	1/5	52	16.9	8.5	7.7[b]	1/5			16.70	--	
Clear Creek Ridge #2	1/5	41	12.2	6.8	6.2[b]	1/5				7.31[b]	
Clear Creek Ridge #3	1/5	31	8.3	4.1	3.5[b]						
Dutchman R.S.	--	--	--	13.7	7.8[b]						
Hobble Creek Summit	1/6	52	16.5	8.1	5.9[b]						
Payson R.S.	12/28	65	18.9	12.4	7.7	12/28			16.82	8.74	192
Soapstone R.S.	1/6	42	11.4	4.0	5.4						
South Fork R.S.	--	--	--	7.8	2.6[b]						
Timpanogos Cave Camp	--	--	--	2.0	1.2[b]						
Timpanogos Divide	1/6		15.4[a]	16.0	10.4	1/6			18.10		
Trial Lake	1/6	61	19.2	10.8	10.7	1/6			21.42	11.49	186

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

+ 1958-1972 period

SNOW

DRAINAGE BASIN and/or SNOW COURSE NAME	THIS YEAR			PAST RECORD	
	Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Water Content (inches) Last Year	Water Content (inches) Average +
JORDAN RIVER & GREAT SALT LAKE					
Lamb's Canyon #2	12/29	61	16.6	8.9	7.4[b]
Middle Canyon	1/1	50	11.2	9.5	5.9[b]
Mill Creek	12/30	60	16.4	9.4	7.4[b]
Mill D South Fork	12/30	67	18.4	11.5	7.8
Mt. Dell Dam	--	--	--	--	--
Rocky Basin-Settlement	1/1	76[a]	25.4[a]	23.0[a]	12.7[a]
Silver Lake (Brighton)	12/30	71	21.0	14.8	10.0
Snow Bird (Gad Valley)				--	11.9[b]
Vernon Creek	12/29	44	11.8	8.8[a]	4.0[b]
Desert Peak				--	--
COLORADO RIVER DRAINAGE					
UPPER GREEN RIVER - UTAH					
Black's Fork G.S.-East Fork	1/6	28	7.9	2.7	--
Black's Fork Junction	1/6	30	8.5	2.7	3.5[b]
Burnt Creek	12/30	22	4.7	4.1	2.4[b]
Grizzly Ridge	12/30	27	5.1	9.2	4.3[b]
Hewinta G.S.	1/6	31	8.8	2.9	3.5[b]
Hickerson Park	1/6	27	7.1	2.7	1.9[b]
King's Cabin (upper)	1/6	29	7.7	8.9	4.3[b]
Spirit Lake	1/6	30	7.9	5.4	5.1[b]
Steel Creek Park	1/6	45	13.0	7.7	6.3[b]
Trout Creek	1/6	25	6.6	10.2	4.2[b]
DUCHESNE RIVER					
Brown Duck Ridge	1/6	52	15.8	14.3	5.7[b]
Chepeta	1/7	31	8.0	9.9	--
Currant Creek	1/6	31	9.6	6.5	3.9[b]
Daniels-Strawberry Summit	1/6	42	13.5	9.8	5.7
East Portal	12/30	46	12.0	6.9	4.8[b]
Indian Canyon	1/6	33	8.9	9.8	5.3
Jackson Park	1/6	36	9.6	11.4	2.7[b]
Lakefork Basin	1/6	44[a]	14.7[a]	--	--
Lakefork Mountain #1	1/6	31	8.8	8.5	4.2[b]
Lakefork Mountain #3	1/6	20	4.7	5.7	2.2[b]
Mosby Mountain	1/7	25	5.8	8.9	4.2[b]
Paradise Park	1/7	32	8.4	12.4	5.6[b]
Rock Creek Ranch	1/6	25	6.5	5.9	2.2[b]
Strawberry Divide	12/30	64	18.8	9.5	7.9[b]
PRICE RIVER					
Dry Valley Divide Alternate	1/5	37	10.5	6.2	6.7[b]
Mud Creek	1/6	49	14.3	6.9	5.7
White River #1	1/6	43	13.6	8.0	5.3[b]
White River #3	1/6	30	8.8	4.1	3.7[b]
SAN RAFAEL RIVER					
Buck Flat	1/4	59	19.0	12.1	6.7[b]
Huntington-Horseshoe	1/5	68	25.2	16.8	7.8[b]
Orange Olsen	1/5	24	6.2	4.0	1.6[b]
Red Pine Ridge	1/5	59	18.8	11.0	6.7[b]
Seeley Creek R.S.	1/5	56	21.7	11.0	4.6[b]
Stuart R.S.	1/5	39	11.1	5.2	3.1[b]
Upper Joe's Valley	1/5	41	12.1	6.4	4.2[b]
Wrigley Creek	1/4	38	10.6	7.3	4.3[b]
MUDDY RIVER					
Black's Fork	1/4	45	13.8	7.8	5.4[b]
Dill's Camp	1/4	44	12.8	7.0	5.2[b]

PRECIPITATION (Inches)

CURRENT INFORMATION			FROM APPROX. OCT 1 TO DATE		
Date of Reading	Month's Precipitation	Average +	This Year	Average +	Percent of Average
12/29			15.24	9.72[b]	157
1/1			16.30	--	
1/1			25.40	12.67	200
				12.71	
12/29			14.95		
12/30	2.10		9.80	4.49[b]	218
12/30	3.00		11.30	6.31[b]	179
1/6			11.60		
1/6			7.35		
1/6			10.68		
1/6			10.10		
1/6			7.33		
1/6			16.69		
1/7			10.30	--	
1/6			12.20	--	
1/6			15.95	8.44	189
12/30	9.20		17.67	7.80	227
1/6			11.13	6.28	177
1/6			12.37	--	
1/6			12.90		
1/6			10.99	--	
1/7			10.47	6.59[b]	159
1/7			10.63	8.26	128
1/6			9.89	--	
1/6			22.20		
1/6			16.51	--	
1/6			14.54	6.50	224
1/4			18.95	6.30	300
1/5			9.37	--	
1/5			21.00	--	
1/5			22.00[e]	--	
1/5			14.23	--	
1/4			15.22	--	

+ 1958-1972 period

SNOW — PRECIPITATION (Inches)

DRAINAGE BASIN and/or SNOW COURSE NAME	SNOW: THIS YEAR Date of Survey	Snow Depth (Inches)	Water Content (Inches)	SNOW: PAST RECORD Water Content (inches) Last Year	Average +	PRECIPITATION: 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	1/6	19	4.4	1.7	2.3[b]	1/6	--	--	7.40	--	--
CCC Camp	12/29	36	8.4	5.0	5.1						
Hayden Fork	1/6	42	12.5	5.0	5.6[b]	1/6			16.56		
Monte Cristo R.S.	12/30	69	21.9	11.0	9.7[b]	12/30	--	--	21.47	11.07[b]	194
Salt River Summit	12/29	42	9.8	6.4	6.3					7.17	
Stillwater Camp	1/6	31	8.3	3.5	4.0[b]				11.41	--	
Lily Lake	1/6	38	11.1	5.8	--				13.61	--	
LOWER BEAR RIVER (Below Harer, Idaho)											
Bug Lake	12/30	62	18.8	7.2	--						
Cub River R.S.	12/29	43	11.2	5.0	3.5[a]						
Emigrant Summit	1/1	--	21.1[a]	13.5	9.6[a]						
Franklin Basin	12/29	66	20.7	10.7	7.5b	12/29			24.01	--	
Garden City Summit	12/29	53	15.6	7.5	7.3	1/9			17.81	8.06	221
Klondike Narrows	12/29	59	17.0	8.2	7.7	12/29			18.62	9.92	188
Little Bear (lower)	1/3	40	12.7	6.2	3.6[b]						
Little Bear (upper)	1/3	49	15.5	7.0	4.2[b]	1/3			22.34	--	
Slug Creek Divide	1/1	--	10.6[a]	7.4	6.8[a]						
Steep Hollow #1	12/29	93	28.6	17.0	13.2[b]						
Steep Hollow #2	12/29	73	21.7	12.1	8.8[b]						
Tony Grove Lake	12/29	102	31.4	15.4	14.1[b]	12/29			29.62	--	
Tony Grove R.S.	12/29	54	15.3	5.7	4.6	1/9			19.60	8.24[b]	238
Willow Flat	12/29	59	16.4	7.7	6.1[a]	12/29	11.63		23.13	14.14[b]	164
OGDEN RIVER											
Beaver Creek-Skunk Creek	12/30	45	13.5	6.5	4.8[b]						
Ben Lomond Peak	1/3	118	42.2	21.8	12.6[b]	1/3			43.0[e]		
Ben Lomond Trail	1/3	80	25.8	12.2	5.5[b]	1/3	6.04	--	31.74		
Causey Dam				--	--					6.62[b]	
Dry Bread Pond	12/30	59	18.5	9.1	6.8[b]	12/30			19.42		
Sagebrush Flat	12/30	38	9.6	3.1	2.2[b]	12/30			11.77		
WEBER RIVER											
East Shingle Lake (A)				--							
Beaver Creek R. S.	1/4	30	8.2	3.9	3.7						
Chalk Creek #1	1/6	54	16.9	11.0	8.8[b]	1/6			18.70	--	
Chalk Creek #2	1/6	38	11.5	7.0	6.1[b]	1/6			12.40	--	
Chalk Creek #3	1/6	25	6.5	3.6	3.5[b]	1/6			14.15	6.76[a]	209
Farmington Canyon (lower)	1/3	84	26.8	12.6	9.5[b]	1/3			26.35	--	
Farmington Canyon (upper)	1/3	98	32.6	17.3	12.6[b]	1/3			27.74	--	
Farmington G.S.				--	--						
Horse Ridge	1/10	62	21.4	9.7	7.6[b]	1/6			23.60		
Kilfoil Creek	12/30	52	14.2	7.5	4.8[b]						
Lost Creek Reservoir	12/30	33	8.0	2.6	1.9[b]	12/30			11.60	--	
Park City Summit	1/3	52	16.2	--	14.7[b]						
Parley's Canyon Summit	12/29	70	18.0	8.7	7.7	12/29			20.85	10.49	199
Redden Mine (lower)	1/6	47	14.2	9.2	6.6[b]	1/6			11.74	--	
Smith & Morehouse	1/6	39	11.6	7.0	5.3	1/6			14.20	8.35	170
Hardscrabble	1/10	70	23.8	10.2	--						
Pine Canyon	1/3	59	19.5	9.6	--						
PROVO RIVER & UTAH LAKE											
Beaver Creek Divide	1/5	41	11.4	5.1	4.7				15.80	--	
Camp Altamont	--	--	--	12.9	6.5						
Clear Creek Ridge #1	1/5	52	16.9	8.5	7.7[b]	1/5			16.70	--	
Clear Creek Ridge #2	1/5	41	12.2	6.8	6.2[b]	1/5				7.31[b]	
Clear Creek Ridge #3	1/5	31	8.3	4.1	3.5[b]						
Dutchman R.S.	--	--	--	13.7	7.8[b]						
Hobble Creek Summit	1/6	52	16.5	8.1	5.9[b]						
Payson R.S.	12/28	65	18.9	12.4	7.7	12/28			16.82	8.74	192
Soapstone R.S.	1/6	42	11.4	4.0	5.4						
South Fork R.S.	--	--	--	7.8	2.6[b]						
Timpanogos Cave Camp	--	--	--	2.0	1.2[b]						
Timpanogos Divide	1/6		15.4[a]	16.0	10.4	1/6			18.10		
Trial Lake	1/6	61	19.2	10.8	10.7	1/6			21.42	11.49	186

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

+ 1958-1972 period

SNOW

PRECIPITATION (Inches)

DRAINAGE BASIN and/or SNOW COURSE NAME	SNOW: THIS YEAR Date of Survey	SNOW: THIS YEAR Snow Depth (Inches)	SNOW: THIS YEAR Water Content (Inches)	SNOW: PAST RECORD Water Content (Inches) Last Year	SNOW: PAST RECORD Water Content (Inches) Average †	PRECIPITATION: CURRENT INFORMATION Date of Reading	PRECIPITATION: CURRENT INFORMATION Month's Precipitation	PRECIPITATION: CURRENT INFORMATION Average †	PRECIPITATION: FROM APPROX. OCT 1 TO DATE This Year	PRECIPITATION: FROM APPROX. OCT 1 TO DATE Average †	PRECIPITATION: FROM APPROX. OCT 1 TO DATE Percent of Average
JORDAN RIVER & GREAT SALT LAKE											
Lamb's Canyon #2	12/29	61	16.6	8.9	7.4[b]	12/29			15.24	9.72[b]	157
Middle Canyon	1/1	50	11.2	9.5	5.9[b]	1/1			16.30	--	
Mill Creek	12/30	60	16.4	9.4	7.4[b]						
Mill D South Fork	12/30	67	18.4	11.5	7.8						
Mt. Dell Dam	--	--	--	--	--						
Rocky Basin-Settlement	1/1	76[a]	25.4[a]	23.0[a]	12.7[a]	1/1			25.40	12.67	200
Silver Lake (Brighton)	12/30	71	21.0	14.8	10.0					12.71	
Snow Bird (Gad Valley)				--	11.9[b]						
Vernon Creek	12/29	44	11.8	8.8[a]	4.0[b]	12/29			14.95		
Desert Peak				--	--						
COLORADO RIVER DRAINAGE											
UPPER GREEN RIVER - UTAH											
Black's Fork G.S.-East Fork	1/6	28	7.9	2.7	--						
Black's Fork Junction	1/6	30	8.5	2.7	3.5[b]						
Burnt Creek	12/30	22	4.7	4.1	2.4[b]	12/30	2.10		9.80	4.49[b]	218
Grizzly Ridge	12/30	27	5.1	9.2	4.3[b]	12/30	3.00		11.30	6.31[b]	179
Hewinta G.S.	1/6	31	8.8	2.9	3.5[b]	1/6			11.60		
Hickerson Park	1/6	27	7.1	2.7	1.9[b]	1/6			7.35		
King's Cabin (upper)	1/6	29	7.7	8.9	4.3[b]	1/6			10.68		
Spirit Lake	1/6	30	7.9	5.4	5.1[b]	1/6			10.10		
Steel Creek Park	1/6	45	13.0	7.7	6.3[b]						
Trout Creek	1/6	25	6.6	10.2	4.2[b]	1/6			7.33		
DUCHESNE RIVER											
Brown Duck Ridge	1/6	52	15.8	14.3	5.7[b]	1/6			16.69		
Chepeta	1/7	31	8.0	9.9	--	1/7			10.30	--	
Currant Creek	1/6	31	9.6	6.5	3.9[b]	1/6			12.20	--	
Daniels-Strawberry Summit	1/6	42	13.5	9.8	5.7	1/6			15.95	8.44	189
East Portal	12/30	46	12.0	6.9	4.8[b]	12/30	9.20		17.67	7.80	227
Indian Canyon	1/6	33	8.9	9.8	5.3	1/6			11.13	6.28	177
Jackson Park	1/6	36	9.6	11.4	2.7[b]	1/6			12.37	--	
Lakefork Basin	1/6	44[a]	14.7[a]	--	--	1/6			12.90		
Lakefork Mountain #1	1/6	31	8.8	8.5	4.2[b]	1/6			10.99	--	
Lakefork Mountain #3	1/6	20	4.7	5.7	2.2[b]						
Mosby Mountain	1/7	25	5.8	8.9	4.2[b]	1/7			10.47	6.59[b]	159
Paradise Park	1/7	32	8.4	12.4	5.6[b]	1/7			10.63	8.26	128
Rock Creek Ranch	1/6	25	6.5	5.9	2.2[b]	1/6			9.89	--	
Strawberry Divide	12/30	64	18.8	9.5	7.9[b]	1/6			22.20		
PRICE RIVER											
Dry Valley Divide Alternate	1/5	37	10.5	6.2	6.7[b]						
Mud Creek	1/6	49	14.3	6.9	5.7	1/6			16.51	--	
White River #1	1/6	43	13.6	8.0	5.3[b]	1/6			14.54	6.50	224
White River #3	1/6	30	8.8	4.1	3.7[b]						
SAN RAFAEL RIVER											
Buck Flat	1/4	59	19.0	12.1	6.7[b]	1/4			18.95	6.30	300
Huntington-Horseshoe	1/5	68	25.2	16.8	7.8[b]						
Orange Olsen	1/5	24	6.2	4.0	1.6[b]	1/5			9.37	--	
Red Pine Ridge	1/5	59	18.8	11.0	6.7[b]	1/5			21.00	--	
Seeley Creek R.S.	1/5	56	21.7	11.0	4.6[b]	1/5			22.00[e]	--	
Stuart R.S.	1/5	39	11.1	5.2	3.1[b]	1/5			14.23	--	
Upper Joe's Valley	1/5	41	12.1	6.4	4.2[b]						
Wrigley Creek	1/4	38	10.6	7.3	4.3[b]						
MUDDY RIVER											
Black's Fork	1/4	45	13.8	7.8	5.4[b]						
Dill's Camp	1/4	44	12.8	7.0	5.2[b]	1/4			15.22	--	

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

* 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
FREMONT RIVER											
Black's Flat-U.M. Creek	1/4	37	10.6	6.5	4.9[b]	1/4			12.18	--	
Fish Lake	1/4	35	10.4	5.7	3.1[b]						
Johnson Valley	1/4	33	9.0	5.0	2.9[b]						
SOUTHEASTERN UTAH DRAINAGES											
Buckboard Flat	1/3	29	5.9	10.4	7.1[b]	1/3			13.77	--	
Camp Jackson	1/4	29	8.3	12.5	6.6[b]	1/4			11.38	--	
LaSal Mountain (lower)	12/27	20	4.0	7.6	4.6[b]						
LaSal Mountain (upper)	12/27	36	9.6	13.7	6.9[b]	12/27			13.08	--	
Monticello City Park	1/3	8	2.8	2.3	1.8[b]						
UPPER SEVIER RIVER (South of Richfield, Utah)											
Box Creek	1/3	43	12.9	8.9	5.0[b]	1/3			13.87	--	
Bryce Canyon	1/12	15	2.8	5.1	2.0						
Castle Valley	12/30	36	9.9	11.4	6.0[b]	12/30			12.85	--	
Duck Creek R.S	12/30	30	7.7	12.1	5.1	12/30			12.50	8.03	156
Harris Flat	12/30	16	5.1	8.0	3.2	12/30			6.32	--	
Kimberly Mine	12/29	49	13.7	9.8	6.0	12/29			15.30	8.07	190
Midway Valley	12/30	40	12.1	20.4	8.3	1/1			13.90	--	
Panguitch Lake	12/30	16	4.2	6.3	2.5[b]	12/30			6.82	--	
Squaw Springs	1/3	30	7.4	6.1	3.1[b]						
LOWER SEVIER RIVER (Including San Pitch River)											
Beaver Dams	1/4	46	14.5	5.7	4.3[b]	1/4			18.18	5.84	311
Farnsworth Lake	1/4	53	16.8	10.1	7.9	1/4			14.75	8.55	172
G.B.R.C. Headquarters	1/5	53	17.9	8.2	6.8	1/5	--		18.10	8.54	211
G.B.R.C. Majors					--	1/1	5.00		11.60	4.23[b]	274
G.B.R.C. Meadows	1/5	64	22.6	15.1	9.0[b]	1/5			20.25[a]	10.14	199
G.B.R.C. Oaks						1/1	--		11.80	5.80	203
Gooseberry R.S.	1/4	37	10.7	6.0	5.2						
Mammoth-Cottonwood Creek	1/5	65	22.6	13.7	8.1						
Mt. Baldy R.S.	1/4	77	24.8	14.5	9.1[b]	1/4			15.81	7.97[b]	198
Oak Creek	12/29	46	12.4	10.0	5.0[b]	12/29			16.37	--	
Pickle Keg Springs	1/4	55	17.1	8.6	6.1[b]	1/4			19.48	--	
Pine Creek	12/29	63	18.7	14.7	6.8[b]						
Ree's Flat	12/29	42	13.0	10.3	5.6[b]	12/29			15.60	--	
Shingle Mill	1/3	30	9.5	6.1	4.3[b]	1/3			15.75	7.80[b]	201
Gooseberry Reservoir					--	1/4			13.98		
BEAVER RIVER											
Beaver Canyon Power House					--	1/1	5.00		10.38	3.39	306
Beaver Race Track				1.2	--						
Big Flat	1/3	63	19.7	13.0	6.6[b]	1/3			16.84	6.97[b]	242
Merchant's Valley (upper)	1/3	46	13.9	9.8	5.2[b]	1/3			14.83	6.16[b]	241
Otter Lake	1/3	49	14.8	9.7	5.1[b]						
PAROWAN CREEK											
Birch Crossing	12/28	26	6.0	6.1	3.3[b]						
Brian Head	12/30	48	13.4	14.9	8.7[b]						
Tall Poles	12/28	42	9.0	11.2	6.0[b]	12/28			9.90	7.28[b]	136
Yankee Reservoir	12/30	27	7.6	6.8	4.1[b]	12/30			7.85	--	
ENTERPRISE TO NEW HARMONY DRAINAGES											
Little Grassy Creek	12/30	1	0.1	2.0	1.2[b]	12/30			9.95	--	
Long Flat	12/30	10	3.1	7.8	2.6[b]	12/30			3.88	--	
COAL CREEK											
Cedar City Golf Course	12/27	0	0.0	0.0	--						
SUSC Ranch	12/28	24	5.2	9.2	3.4[b]						

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† 1958-1972 period

SNOW

DRAINAGE BASIN and/or SNOW COURSE NAME	THIS YEAR			PAST RECORD	
	Date of Survey	Snow Depth (inches)	Water Content (inches)	Water Content (inches)	
				Last Year	Average †
ESCALANTE RIVER					
Widtsoe-Escalante #3	12/31	31	8.1	7.3	5.0
VIRGIN RIVER					
Kolob-Crystal	12/30	36	10.1	18.0	6.5[b]
Long Valley Junction	12/30	13	3.8	8.1	1.9
Webster Flat	12/30	30	8.2	15.2	6.4

PRECIPITATION (Inches)

CURRENT INFORMATION			FROM APPROX OCT 1 TO DATE		
Date of Reading	Month's Precipitation	Average †	This Year	Average †	Percent of Average
12/31			10.05	6.01	
12/30			18.26	--	
12/30			12.00	8.14	

a - Partly Estimated
b - Average of past record in average period + less than 20 years
+ - 1961-80 20 year average period
(A) - Aerial Marker Reading

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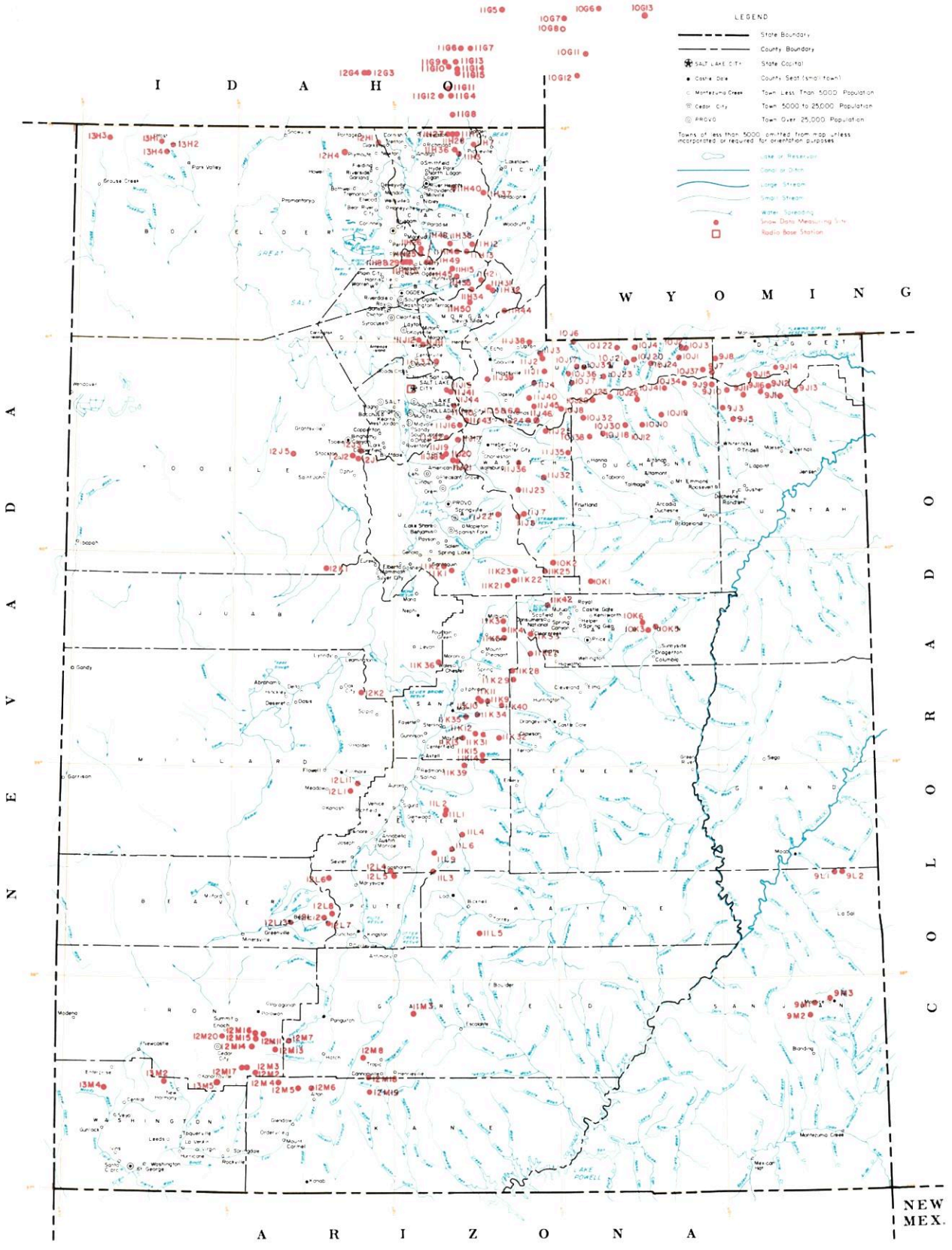
† 1958-1972 period



SNOW COURSES AND RELATED DATA MEASURING SITES

UTAH

1981

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

SCALE 1:1,700,000

ALBERS EQUAL AREA PROJECTION

USDA-SCS-PORTLAND OR 1980 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 Lamond Peak	3	7N	1W	8,000
11H30 PST	U	Ben Lamond Trail	2	7N	1W	6,000
11H35p	U	Causey Dam	34	7N	3E	5,500
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
11J39pa	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
11K1P	U	Payson R.S.	30	10S	3E	8,050
11K2	U	Rock Bridge	14	10S	2E	6,750
11J25P	U	Soapstone R.S.	9	3S	8E	7,800
11J19	U	South Fork R.S.	24	4S	2E	6,100
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
12L6PST	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
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
11K42P	U	Dry Valley Divide Alternate	14	11S	7E	8,100
10K3M	U	Grassy Trail Creek-Left Fork	1	14S	13E	7,970
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
11K25	U	White River #3	30	10S	8E	7,400
		SAN RAFAEL RIVER				
11K31PST	U	Buck Flat	23	19S	4E	9,400
11K4	U	Gooseberry Reservoir	25	13S	5E	8,700
11K5P	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
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				
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
10J7s	Storage Precipitation Gage Only
10J7PS	Snow Course, Precipitation Gage, Snow Pillow and Temperature
10J7PST	Snotel Data Site

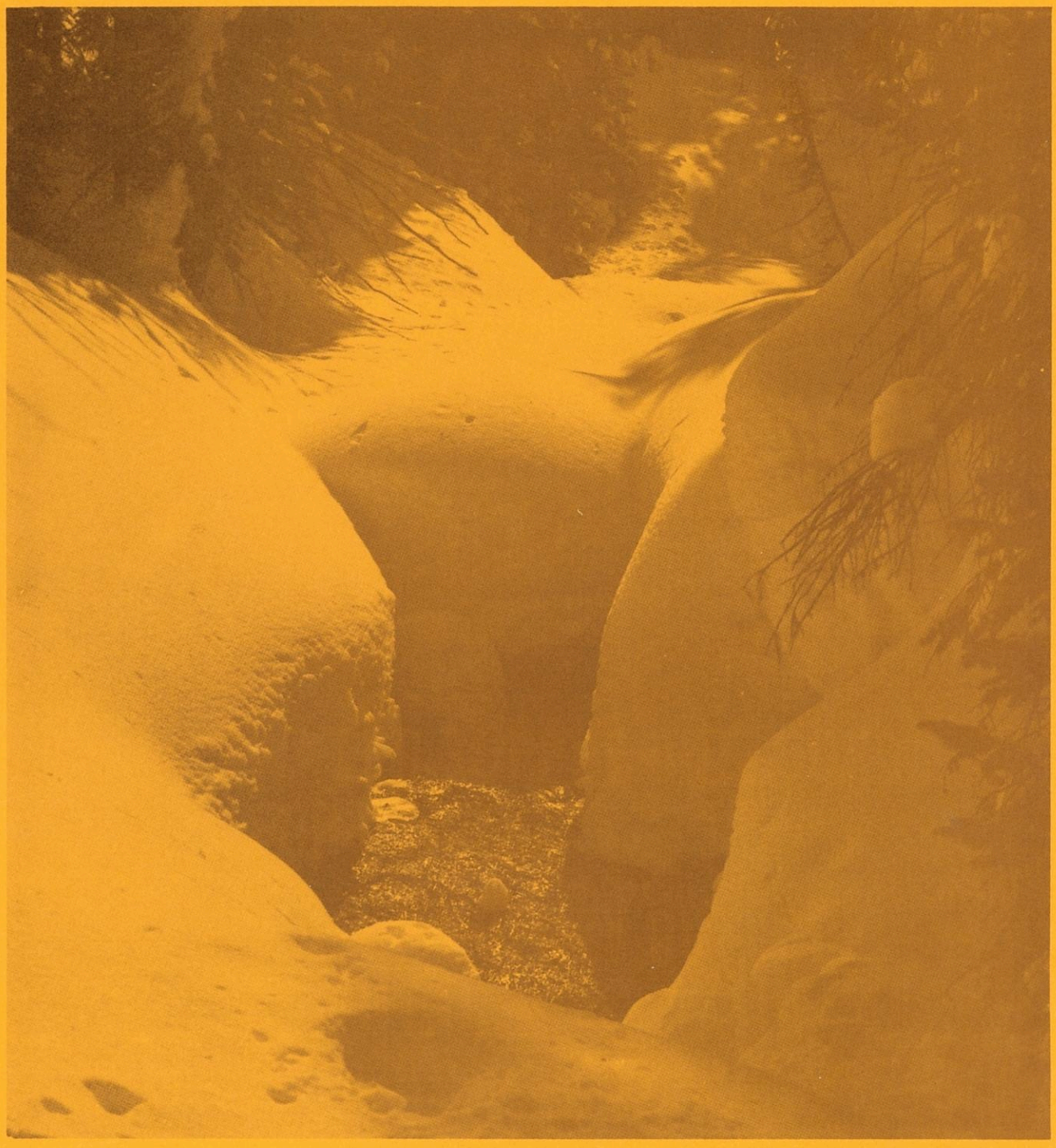
United States
Department of
Agriculture

Soil
Conservation
Service

Salt Lake City
Utah

WATER SUPPLY OUTLOOK FOR UTAH

in Cooperation with Utah State Department of Natural Resources



February 1, 1984

WATER SUPPLY OUTLOOK FOR UTAH

and

FEDERAL-STATE-PRIVATE COOPERATIVE SNOW SURVEYS

Issued by

PETER C. MYERS
CHIEF
SOIL CONSERVATION SERVICE
WASHINGTON, D.C.

Released by

FRANCIS T. HOLT
STATE CONSERVATIONIST
SOIL CONSERVATION SERVICE
SALT LAKE CITY, UTAH

In Cooperation with

UTAH STATE DEPARTMENT OF NATURAL RESOURCES

DEE C. HANSEN
State Engineer
Division of Water Rights

DANIEL F. LAWRENCE
Director
Division of Water Resources

Report prepared by Snow Survey Staff

BOB L. WHALEY, Supervisor

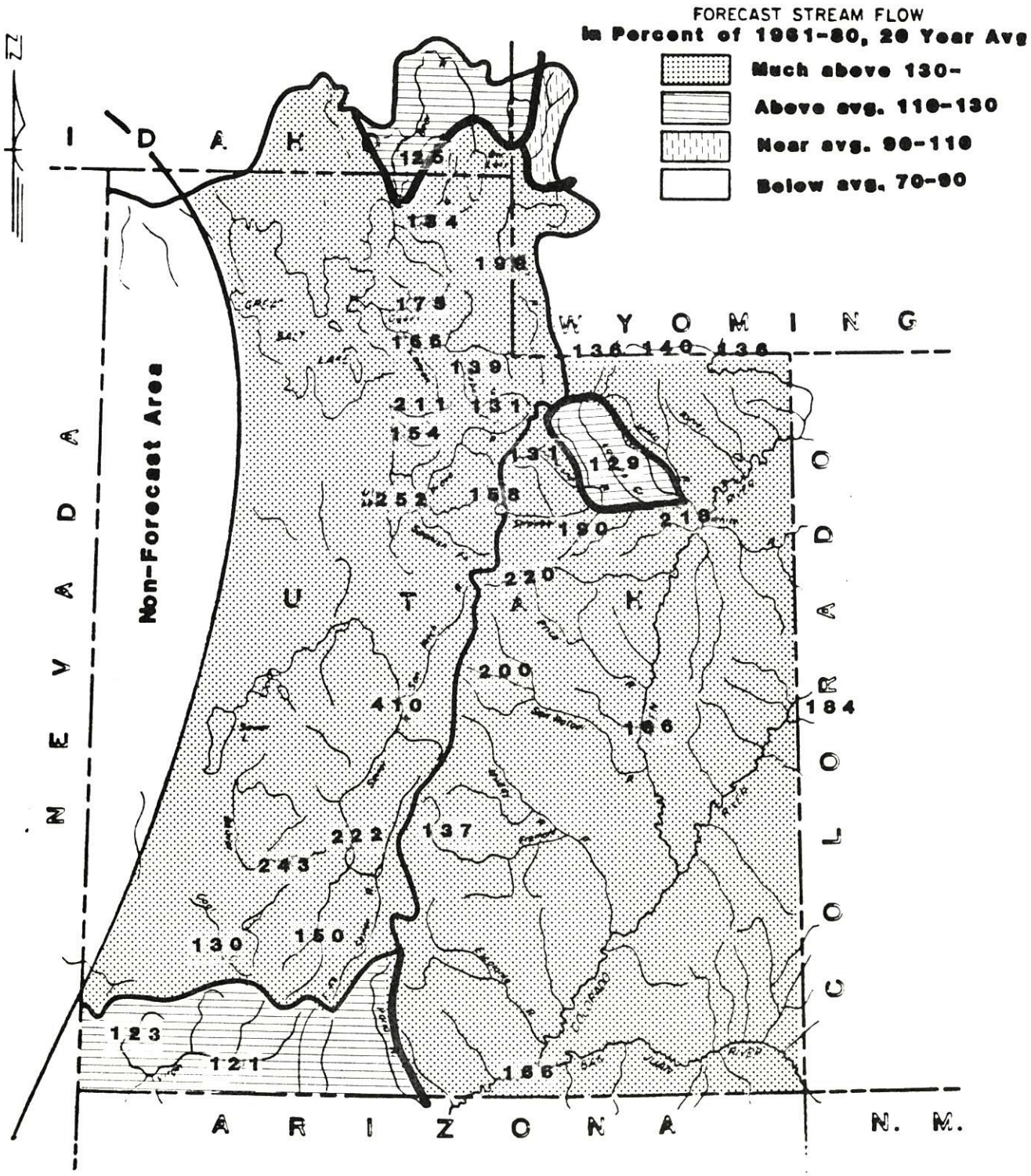
Soil Conservation Service
125 So. State, Fed. Bldg.
P.O. Box 11350
Salt Lake City, Utah 84147

PROSPECTIVE WATER SUPPLIES

Based on Snow Surveys Made on
UTAH and BEAR RIVER WATERSHEDS

February 1, 1984

Approximate Date



USDA SCS PORTLAND, OREG. 1970 M-2853

WATER SUPPLY OUTLOOK

As of February 1, 1984

* *
* Utah's 1984 Water Supply Outlook ranges from near average to well above average. Snow cover ranges from below average in south western Utah to twice average on the Beaver and San Rafael Rivers. Watershed soils are wetter than average and reservoir storage is generally above average. Streamflow forecasts dropped significantly after a dry month and now range from near average to five times average. *
* *

SNOW COVER

Snow measurements taken the last week of January show only 20 to 50% of the average monthly increase and now range from 37% of average in the south western corner of the state to 192% on the San Rafael and 201% on Beaver River. Basin snow water content percentages are as follows: Bear 141%, Ogden 145%, Weber 154%, Provo-Utah Lake 143%, Jordan-Salt Lake front 152%, Strawberry 149%, Duchesne 131%, Ashley 121%, Price 159%, Muddy 167%, Fremont 170%, Lower Sevier 176%, Upper Sevier 118%, Coal Creek 90%, Virgin 87%, Blue Mountains 86% and LaSal Mountains 134% of the February 1 average. Most areas of the state received less than half the normal January increase in snow water content and a few areas actually showed a little less than on January 1st.

PRECIPITATION

Precipitation at mountain stations generally ranged from 20 to 50% of average.

SOIL MOISTURE

Watershed soils are generally wetter than average and wetter than last year except on the head of the Sevier and Virgin Rivers.

RESERVOIR STORAGE

Reservoir storage in 28 key irrigation reservoirs is now 141% of the February 1 average and 63% of useable capacity. Many reservoirs have been releasing water to provide space for spring runoff and reduce peak flows below reservoirs.

(More)

WATER SUPPLY OUTLOOK (continued)

STREAMFLOW FORECASTS

Streamflow forecasts dropped after a very dry January and now range from 121% on the Virgin to 538% on the Lower Sevier (Sigurd to Gunnison).

Forecasts by basin are as follows: Bear - 108% for Smith's Fork to 245% for Big Creek; Ogden - 172% for South Fork to 175% for Pineview Inflow; Weber - 131% at Oakley to 220% for East Canyon; Provo-Utah Lake - 160% for Provo at Hailstone to 252% for Utah Lake Inflow; Duchesne - 117% for Rock Creek to 218% for Duchesne at Myton; Price-San Rafael - 156% for Mill Creek to 229% for Price at Heiner; Sevier - 150% at Hatch to 538 for the Sigurd to Gunnison; Beaver 240% for North Creeks to 404% for Minersville Inflow; South Western Utah - 121% Virgin at Hurricane to 166% for Lake Powell Inflow. Coal Creek is foirecast 130% of the April-July average.

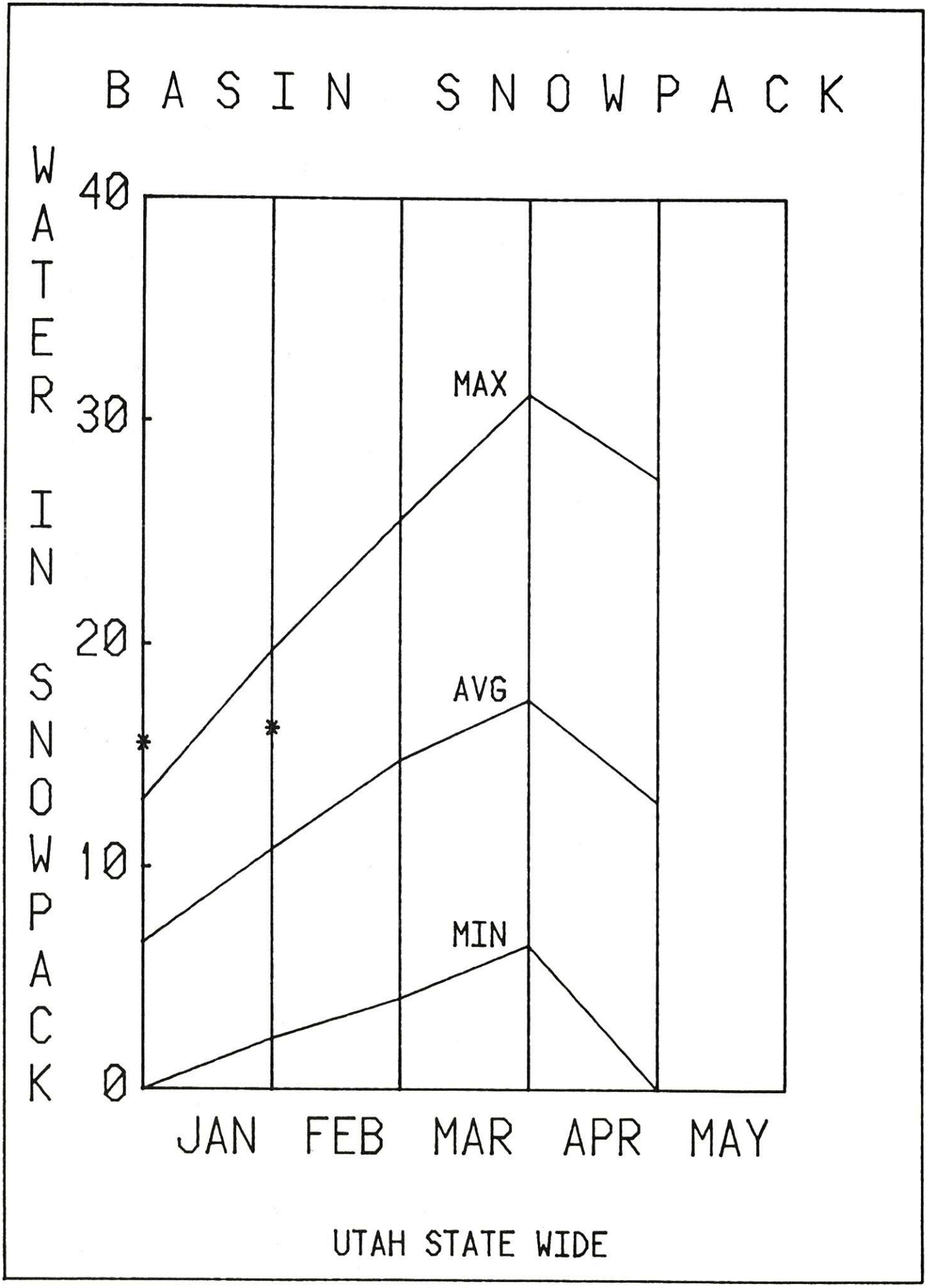
Peak flows this year are expected to range from near average on the Virgin to about twice average on the Beaver, San Rafael and Big Creek in northern Utah. Precautions should be taken to protect property along stream channels, around Utah Lake, and the Great Salt Lake again this year.

RESERVOIR STORAGE (Thousand Acre Feet) END OF MONTH

Basin or Stream	RESERVOIR	Usable Capacity	Usable Storage		
			This Year	Last Year	Average+
GREAT BASIN					
Bear River	Bear Lake	1421.0	1109.9	1140.6	970.6
	Woodruff Narrows	55.8	52.6	33.3	--
	Woodruff Creek	4.0	4.0	2.9	--
Beaver River	Minersville (RkyFd)	26.0	20.6	22.2	11.2
Little Bear	Hyrum	15.3	10.3	10.3	10.3
	Porcupine	11.3	5.2	4.7	2.9[b]
Ogden	Causey	6.9	0.8	1.1	2.2[b]
	Pineview	110.1	22.3	76.9	49.6[b]
Provo	Deer Creek	149.7	124.5	111.6	94.3
Settlement Creek	Settlement Creek	1.2	0.5	1.0	0.7[b]
	Vernon Creek	0.6		0.5	0.5[b]
Sevier River	Gunnison	18.2	13.0	17.0	11.7[b]
	Otter Creek	52.5	50.2	49.4	27.5
	Piute	71.8	68.3	60.4	36.9
	Sevier Bridge	236.0	210.1	222.0	101.1
	Panguitch Lake	22.3	20.3	--	--
Spanish Fork	Strawberry	270.0	270.0	247.0	139.7
Utah Lake	Utah Lake	883.9	1246.6	1047.6	648.6
Weber	East Canyon	48.1	20.1	40.7	34.7[b]
	Echo	73.9	14.5	51.4	45.8
	Lost Creek	20.0	5.8	15.0	13.1[b]
	Rockport	60.9	31.0	50.8	31.9
	Willard Bay	193.3	130.4	128.5	138.9[b]
COLORADO R. BASIN					
Ashley Creek	Steinaker	33.3	23.9	32.3	19.7[b]
	Red Fleet	26.0	18.0	20.8	--
Colorado	Blue Mesa	829.5	494.6	538.2	--
	Lake Powell	25002.0	22013.0	22408.0	--
Green	Flaming Gorge	3749.0	3309.8	3214.8	--
Lakefork	Moon Lake	35.8	--	30.3	15.4
Price River	Scofield	65.8	48.3	52.9	31.3
San Juan	Navajo	1696.0	1461.8	1401.0	--
	Ken's Lake	2.3	1.7	0.8	--
San Rafael	Huntington North	3.9	2.8	3.7	2.3[b]
	Joe's Valley	54.6	41.2	47.3	43.6[b]
	Mill Site	16.7	12.5	12.8	3.5[b]
Strawberry	Starvation	165.3	92.7	128.6	113.0[b]
	Soldier Creek	951.4	0.0	--	--
Uintah	Bottle Hollow	11.3	11.1	11.1	10.2[b]

USDA-SCS-PORTLAND, OREG. 1969

b Average of past record in average period - less than 20 years
+ 1961-80 20 year average period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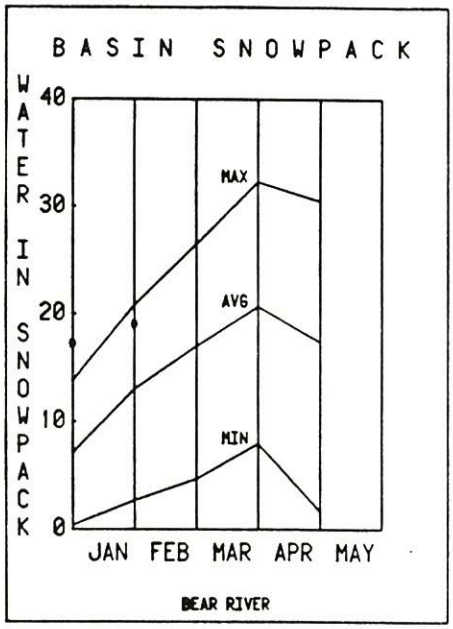
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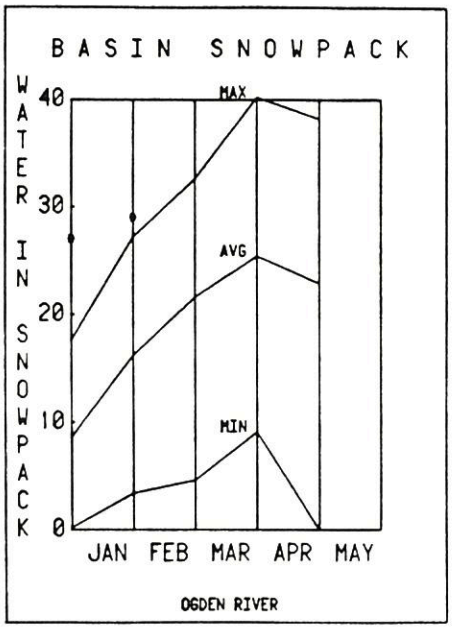
BEAR RIVER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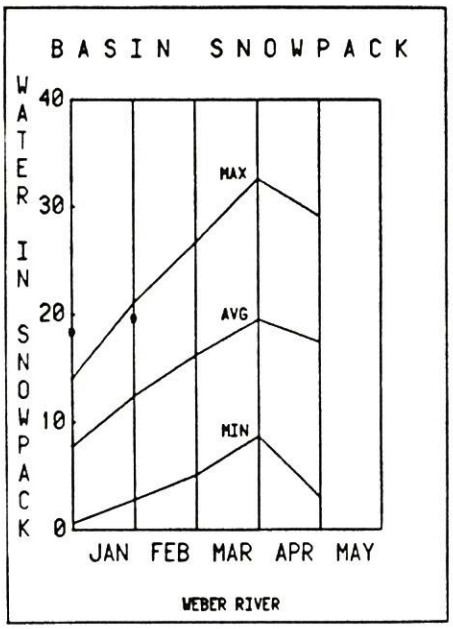
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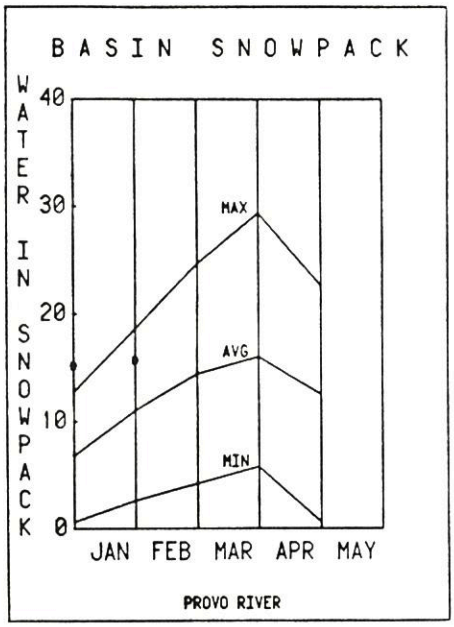
WEBER RIVER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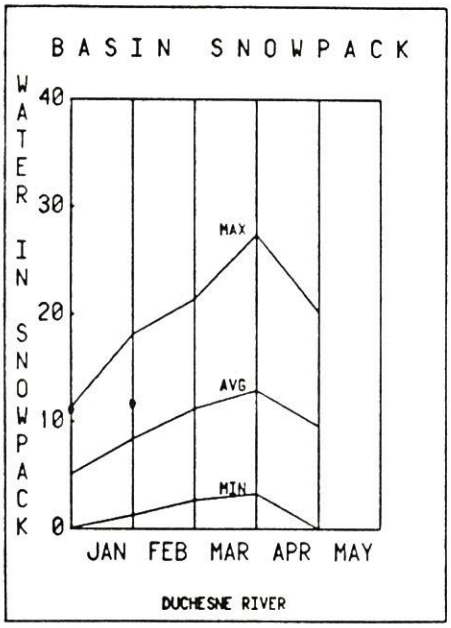
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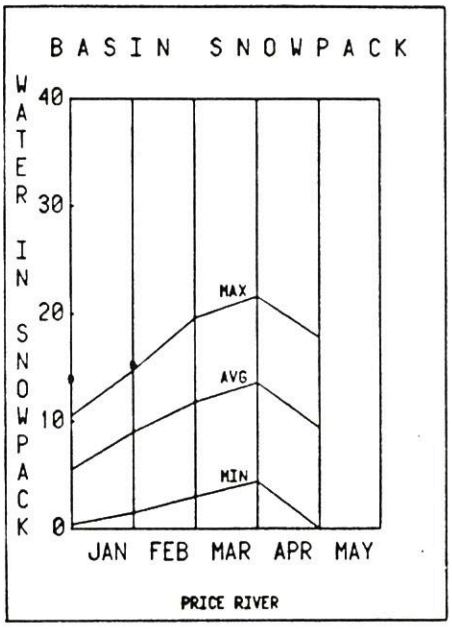
DUCHESNE RIVER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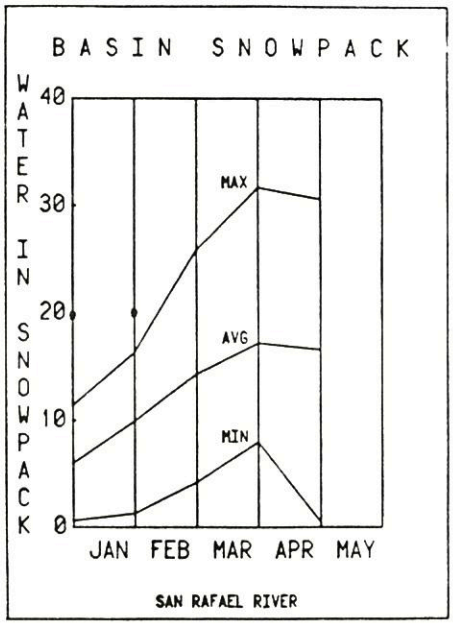
PRICE RIVER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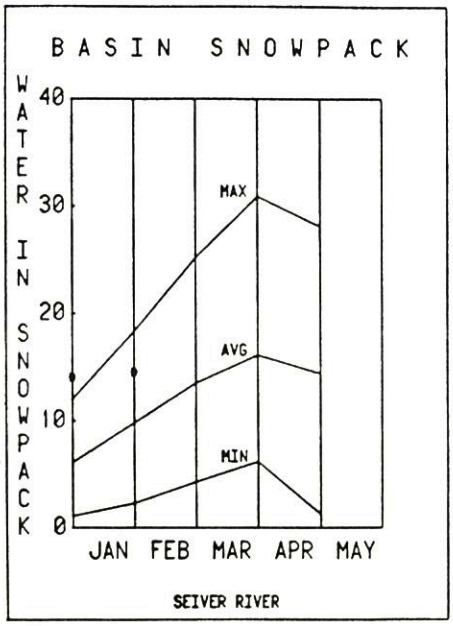
SAN RAFAEL RIVER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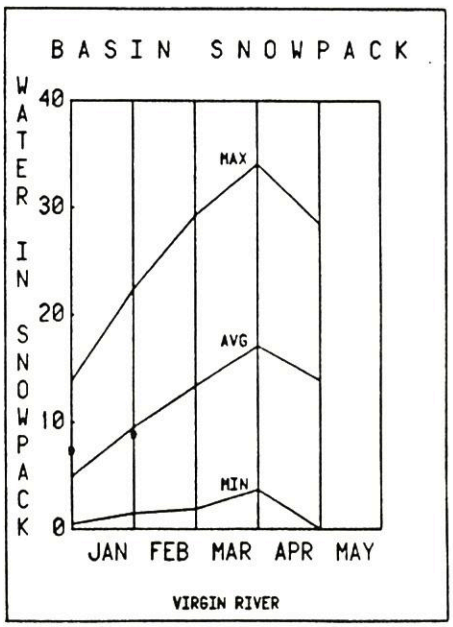
JAN FEB MAR APR MAY
SEIVER RIVER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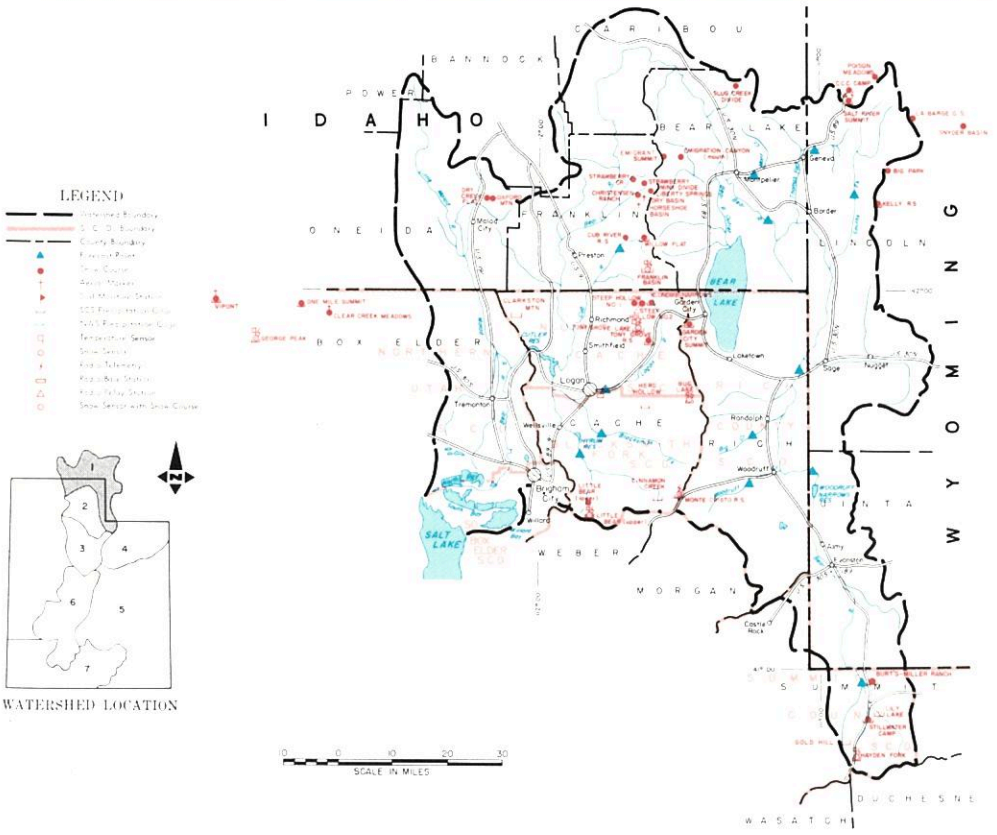
JAN FEB MAR APR MAY
VIRGIN RIVER

WATER SUPPLY OUTLOOK
BEAR RIVER BASIN in UTAH

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



FEBRUARY 1, 1984

THE WATER SUPPLY OUTLOOK IS ABOVE AVERAGE

SNOW COVER percentages dropped after a dry January and now range from 124% on the Upper Bear to 146% on Lower Bear. Logan River is 143% of the February 1 average and 172% of last year at this time.

PRECIPITATION at mountain stations was less than half normal at all stations.

SOIL MOISTURE is well above average.

RESERVOIR STORAGE is still above average and some reservoirs have been releasing water to make space for spring runoff.

STREAMFLOW FORECASTS dropped 17 to 80% after a very dry month and now range from 108% of average on Smith's Fork to 245% on Big Creek. Bear River is forecast 146% at Utah-Wyoming line, 199% at Woodruff, 203% at Randolph and 145% at Harer, Idaho after big drops on Smith's and Thomas Forks (115%). Woodruff Creek is forecast 156%, Cub River 125%, Logan River 134%, Blacksmith Fork 163% and Little Bear 158% of average.

Peak flows are expected to range from 125% of average on Logan River to 260% of average on Big Creek.

USDA SCS PORTLAND OR 1981 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 3	PAST RECORD THOUSAND ACRE FEET Average +
BEAR RIVER					
Bear nr UT-Wyo. State Line	161	146	Apr-July	164	110
Bear nr Woodruff 1/	277	199	Apr-July	275	139
Woodruff Crk nr Woodruff, UT	27	156	Apr-July	30	17.3[b]
Big Creek nr Randolph, UT	13.0	245	Apr-July	--	5.3[b]
Bear nr Randolph 1/	223	203	Apr-July	294	110
Thomas Fork nr ID-WY State Ln	40	115	Apr-Sept	--	35
Smith's Fork nr Border, WY	129	108	Apr-Sept	--	119
Bear at Harer, Idaho 1/	450	145	Apr-Sept	688	310
Logan nr Logan 1/	156	134	Apr-July	167	116
Blacksmith Fork nr Hyrum	83	163	Apr-July	87	51
Little Bear nr Paradise	60	158	Apr-June	80	38
Cub River nr Preston, ID	58	125	Apr-July	--	47

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	20	173	141
UPPER BEAR RIVER	6	171	124
LOWER BEAR RIVER	14	173	146
LOGAN RIVER	7	172	143

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
a - Partly estimated
b - Average of all past record - less than 20 years
e - Maximum mean daily peak flow
+ - 1961-80 20 year Average Period
* - Forecast in cooperation with National Weather Service

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	1109.9	1140.6	970.6
	Woodruff Narrows	55.8	52.6	33.3	--
	Woodruff Creek	4.0	--	2.9	--
LITTLE BEAR	Hyrum	15.3	10.3	10.3	10.3
	Porcupine	11.3	5.2	4.7	2.9[b]

PEAK FLOWS e

FORECAST POINT	PEAK FLOW (SECOND FEET) Forecast Range	PEAK FLOW (SECOND FEET) Average +
Bear nr. Ut.-Wyo. Stateline	2040-2420	1506
Woodruff Creek nr Woodruff	410-550	253
Big Creek nr Randolph	80-160	48[b]
Logan River nr Logan	1070-1370	980
Little Bear nr Paradise	660-990	519

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	1/30	20	6.0	2.4	4.3[a]
Cub River R.S.	1/27	40	11.7	5.5	6.5
Emigrant Summit	2/1	65[a]	24.0[a]	16.2	17.0
Franklin Basin	1/27	62	22.9	13.0	16.6[a]
Hayden Fork	1/30	42	11.3	7.8	10.4[a]
Klondike Narrows	1/27	57	19.5	10.9	13.4

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	1/29	26	7.4	7.0	7.4[a]
Little Bear Upper	1/29	44	15.7	8.0	8.4[a]
Monte Cristo	1/28	66	24.9	12.6	16.2
Salt River Summit	1/30	42	11.4	7.8	11.3[a]
Stillwater Camp	1/30	32	9.1	5.0	7.4[a]
Tony Grove R.S.	1/27	49	15.8	6.9	8.8

UNITED STATES DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE
Federal Bldg. - Room 4012
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WATER SUPPLY OUTLOOK

WEBER-OGDEN WATERSHEDS in UTAH

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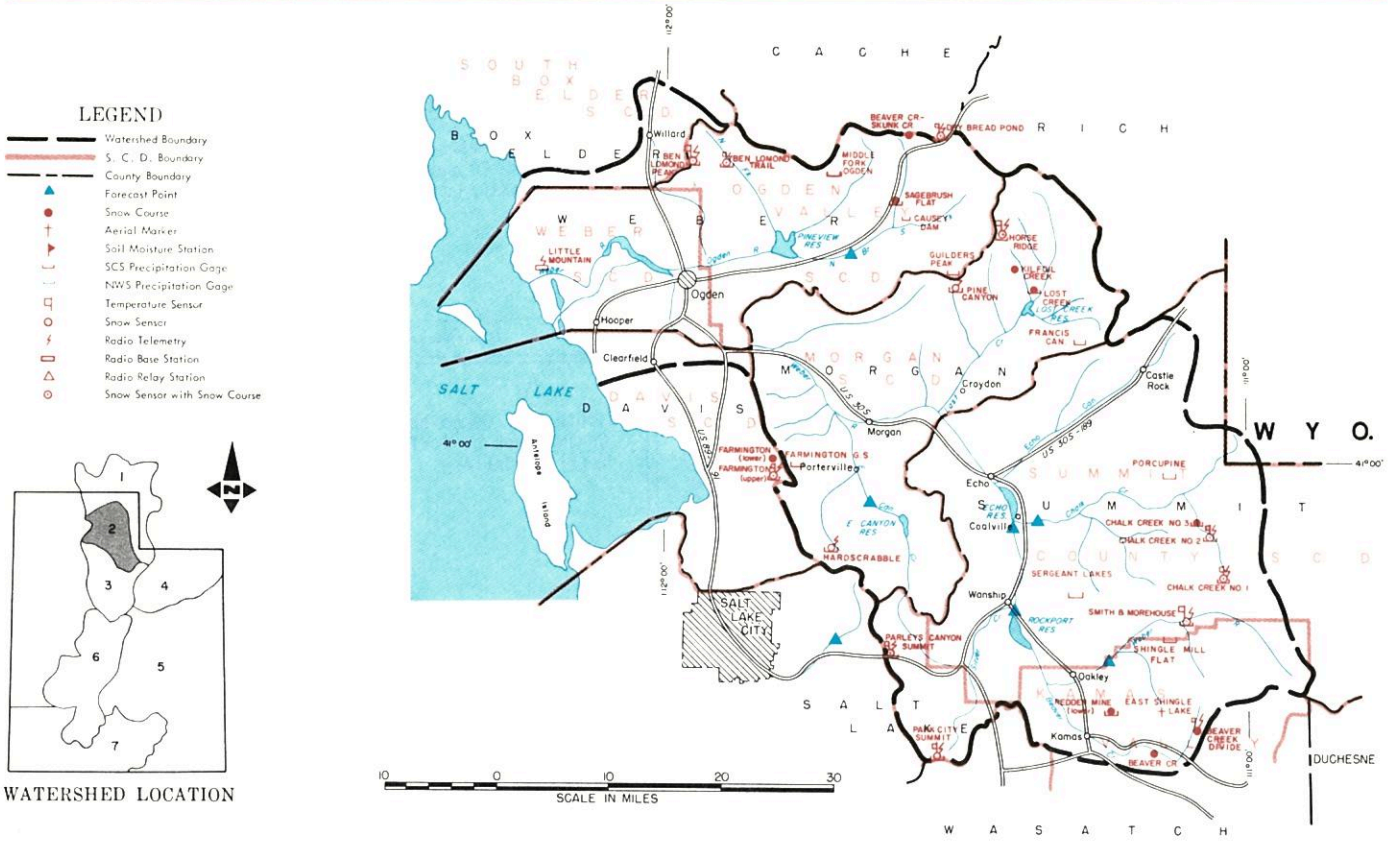
UTAH STATE DEPARTMENT OF NATURAL RESOURCES



FEBRUARY 1, 1984

THE WATER SUPPLY OUTLOOK IS WELL ABOVE AVERAGE

SNOW COVER ranges from 145% of the February 1 average on the Ogden Basin to 154% on the Weber after a very dry month.

PRECIPITATION at mountain stations has ranged from only 20 to 50% of average for January.

SOIL MOISTURE is well above average and wetter than last year at this time.

RESERVOIR STORAGE as of February 1st is below average after water was released to make room for spring runoff. Ogden River storage is now 44% of average and 20% of capacity. Weber River storage is now 76% of average and 51% of capacity.

STREAMFLOW FORECASTS dropped 12 to 35% after a very dry January and now range from 131% of the April-June average for the Weber near Oakley to 220% for East Canyon Creek. South Fork Ogden is forecast 172% of average and Pineview Inflow 175% of the April-June average. Weber River forecasts are as follows: Rockport Inflow 138%, Coalville 139%, Chalk Creek 167%, Echo Inflow 152%, and Gateway 166% of average. Lost Creek is forecast 212%, Hardscrabble 160% and Farmington Creek 182%.

Peak flows are expected to range from 127% of average at Oakley to 168% for Chalk Creek assuming a normal melt sequence.

USDA-SCS-FORT WORTH, TEXAS 1983 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	134	131	Apr-June	144	102
Rockport Reservoir Inflow 1/	153	138	Apr-June	164	111
Chalk Creek at Coalville	60	167	Apr-June	67	36
Weber nr Coalville 1/	166	139	Apr-June	187	119
Lost Creek nr Croydon, UT 1/	33	212	Apr-June	37	15.6[a]
East Canyon Creek nr Morgan 1/	55	220	Apr-June	53	25
Hardscrabble Crk nr Porterville	29	160	Apr-June	--	18.4[a]
S. Fork Ogden nr Huntsville1/	98	172	Apr-June	96	57[a]
Pineview Reservoir Inflow 1/	201	175	Apr-June	207	115[a]
Echo Reservoir Inflow 2/	220	152	Apr-June	227	145
Weber at Gateway 1/	499	166	Apr-June	574	300
JORDAN RIVER & SALT LAKE					
Farmington Crk nr Farmington	14.9	182	Apr-July	--	8.2[b]

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
OGDEN RIVER	5	143	145
WEBER RIVER	12	168	154

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
a - Partly estimated
b - Average of all past record - less than 20 years
e - Maximum mean daily peak flow
+ - 1961-80 20 year Average Period
* - Forecast in cooperation with National Weather Service

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	0.8	1.1	2.2[b]
	Pineview	110.1	22.3	76.9	49.6[b]
WEBER	East Canyon	48.1	20.1	40.7	34.7[b]
	Echo	73.9	14.5	51.4	45.8
	Lost Creek	20.0	5.8	15.0	13.1[b]
	Rockport	60.9	31.0	50.8	31.9
	Willard Bay	193.3	130.4	128.5	138.9[b]

PEAK FLOWS e

FORECAST POINT	PEAK FLOW (SECOND FEET) Forecast Range	PEAK FLOW (SECOND FEET) Average †
South Fork Ogden nr Huntsville	1120-1400	763
Chalk Creek nr Coalville	690-1030	510
Weber nr Oakley	1720-2180	1540

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.	1/31	29	8.6	5.4	6.0
Beaver Creek-Skunk Creek	1/28	38	14.0	7.5	8.5
Ben Lomond Peak	1/29	108	43.3	25.5	23.5[b]
Ben Lomond Trail	2/3	74	26.4	13.4	10.5[a]
Chalk Creek #1	1/30	55	18.1	13.6	15.2
Chalk Creek #2	1/30	39	11.8	8.7	9.5
Chalk Creek #3	1/30	26	7.8	4.6	5.4
Dry Bread Pond	1/28	53	19.0	10.0	12.3

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 †
Horse Ridge	1/26	65	21.8	11.4	15.2[a]
Lost Creek Reservoir	1/26	28	7.9	3.0	4.5[a]
Monte Cristo	1/28	66	24.9	12.6	16.2
Parleys Canyon Summit	1/27	62	20.4	10.8	12.3
Sagebrush Flat	1/28	32	9.1	3.4	4.1
Smith & Morehouse	1/30	39	12.5	8.5	8.8
Trial Lake	1/31	56	19.9	14.8	15.9

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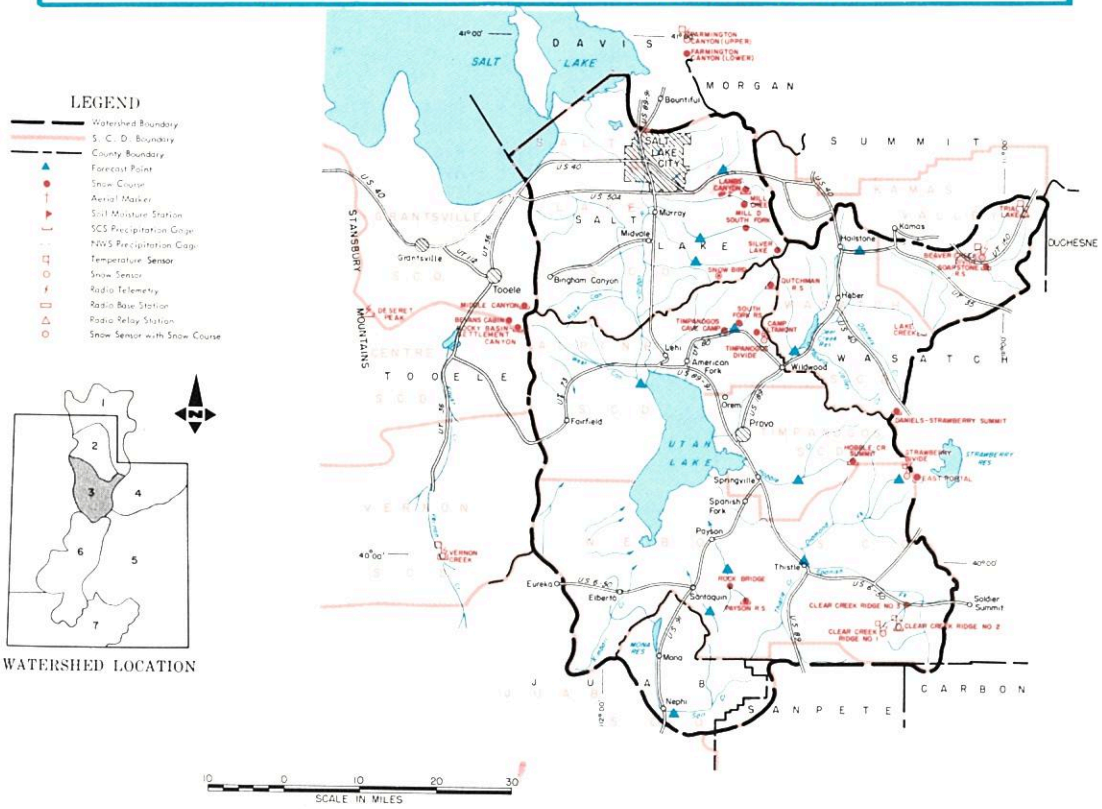
WATER SUPPLY OUTLOOK

UTAH LAKE, JORDAN RIVER and TOOELE VALLEY WATERSHEDS in UTAH

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



FEBRUARY 1, 1984

THE WATER SUPPLY OUTLOOK IS WELL ABOVE AVERAGE

SNOW COVER dropped significantly after a dry month but still ranges from 143% of the February 1 average on the Provo-Utah Lake Watershed to 152% along the Jordan River Salt Lake front.

PRECIPITATION at mountain stations was only 20 to 30% of the January average.

SOIL MOISTURE is above average and wetter than last year.

RESERVOIR STORAGE is above average with most reservoirs releasing water to make space for spring runoff.

STREAMFLOW FORECASTS dropped as much as 33% after a very dry January but still range from 145% of average for Little Cottonwood to 252% for the Inflow to Utah Lake. The Provo River is forecast 160% at Hailstone and 217% below Deer Creek Dam. Payson Creek is forecast 185%, Spanish Fork 225%, Hobble Creek 237%, American Fork 171%, and the Inflow to Strawberry Reservoir 158%. Big Cottonwood is forecast 154%, Mill Creek 192%, Parleys 211%, Emigration 230%, and City Creek 167% of the April-July average. Settlement Creek is forecast 187%, South Willow 154% and Vernon 183% of average.

Peak flows are expected to be about 1 1/2 to 2 times average. Steps should be taken to protect property along waterways again this year.

USDA SCS PORTLAND, OR 1981 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 3	PAST RECORD THOUSAND ACRE FEET Average +
PROVO RIVER AND UTAH LAKE					
Provo nr Hailstone 1/	170	160	Apr-July	160	106
Provo below Deer Creek Dam1/	260	217	Apr-July	--	118
American Fork nr American Fk.	53	171	Apr-July	--	31
Hobble Creek nr Springville	41	237	Apr-July	--	18.7[b]
Strawberry Reservoir Inflow1/	84	158	Apr-July	147	53
Spanish Fork at Thistle	90	225	Apr-July	--	40
Payson Creek nr Payson	11.5	185	Apr-July	--	6.2
Utah Lake Inflow	600	252	Apr-July	--	238
JORDON RIVER & SALT LAKE					
Little Cottonwood Crk nr SLC	55	145	Apr-July	63	38
Big Cottonwood nr SLC	57	154	Apr-July	61	37
Parley's Creek nr SLC	31	211	Apr-July	42	14.8
Mill Creek nr SLC	11.3	192	Apr-July	13.6	5.8
Emigration Creek nr SLC	8.5	230	Apr-July	13.9	3.7
City Creek nr SLC	13.0	167	Apr-July	21.6	7.7
TOOELE VALLEY					
Settlement Crk nr Tooele	4.3	187	Apr-July	--	2.3[b]
S. Willow Crk nr Grantsville	4.6	154	Apr-July	4.3	3.0[b]
Vernon Creek nr Vernon	2.0	183	Feb-June	5.7[a]	1.1

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	151	143
JORDON RIVER & SALT LAKE	5	145	152

1 - Observed flow corrected for change in storage and diversions
3 - Provisional flows - subject to correction
a - Partly estimated
b - Average of past record - less than 20 years
+ - 1961-80 20 year average period
e - Maximum mean daily peak flow
* - Forecast in cooperation with National Weather Service

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	270.0	247.0	139.7
UTAH LAKE	Utah Lake	883.9	1246.6	1047.6	648.6
	Settlement Creek	1.2	0.5	1.0	0.7[b]
	Vernon Creek	0.6		0.5	0.5[b]
PROVO	Deer Creek	149.7	124.5	111.6	94.3

PEAK FLOWS e

FORECAST POINT	PEAK FLOW (SECOND FEET) Forecast Range	PEAK FLOW (SECOND FEET) Average +
Big Cottonwood nr Salt Lake City	500-600	442
Little Cottonwood nr Salt Lake City	600-700	384
Provo Near Hailstone	2200-2500	2128
Spanish Fork nr Thistle	900-1100	451[b]
American Fork nr American Fork	500-600	329
Mill Creek nr Salt Lake City	80-90	59
Parley's Creek nr Salt Lake City	250-300	154
City Creek nr Salt Lake City	100-120	75
Emigration Creek nr. Salt Lake City	90-120	--

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		Not Scheduled			--
Clear Creek #1	1/31	50	18.7	12.0	12.4[a]
Clear Creek #2	1/31	40	14.9	9.7	9.6[b]
Clear Creek #3	1/31	29	9.0	6.0	5.5[b]
Daniels-Strawberry Summit	1/26	42	14.9	10.8	10.1
Deseret Peak		Not Scheduled			
Hobble Creek Summit	1/26	49	17.9	9.2	9.8[a]
Lambs Canyon #2	1/27	54	18.1	10.2	10.7[a]
Middle Canyon		Not Scheduled			
Mill Creek	1/26	60	18.9	11.2	15.0[a]

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	1/30	57	20.2	12.6	12.7
Parley's Canyon Summit	1/27	62	20.4	10.8	12.3
Payson R.S.	1/26	57	20.6	13.7	12.0
Rocky Basin-Settlement Canyon		Not Scheduled			
Silver Lake Brighton	1/30	67	24.9	16.8	15.6
Soapstone R.S.	1/31	39	10.5	6.2	8.6
South Fork R.S.	1/30	35	10.6	8.7	4.8
Timpanogos Divide	1/30	49	16.8	20.7	16.9
Trial Lake	1/31	56	19.9	14.8	15.9
Vernon Creek		Not Scheduled			

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WATER SUPPLY OUTLOOK

UINTAH BASIN and DAGGETT SCD's in UTAH

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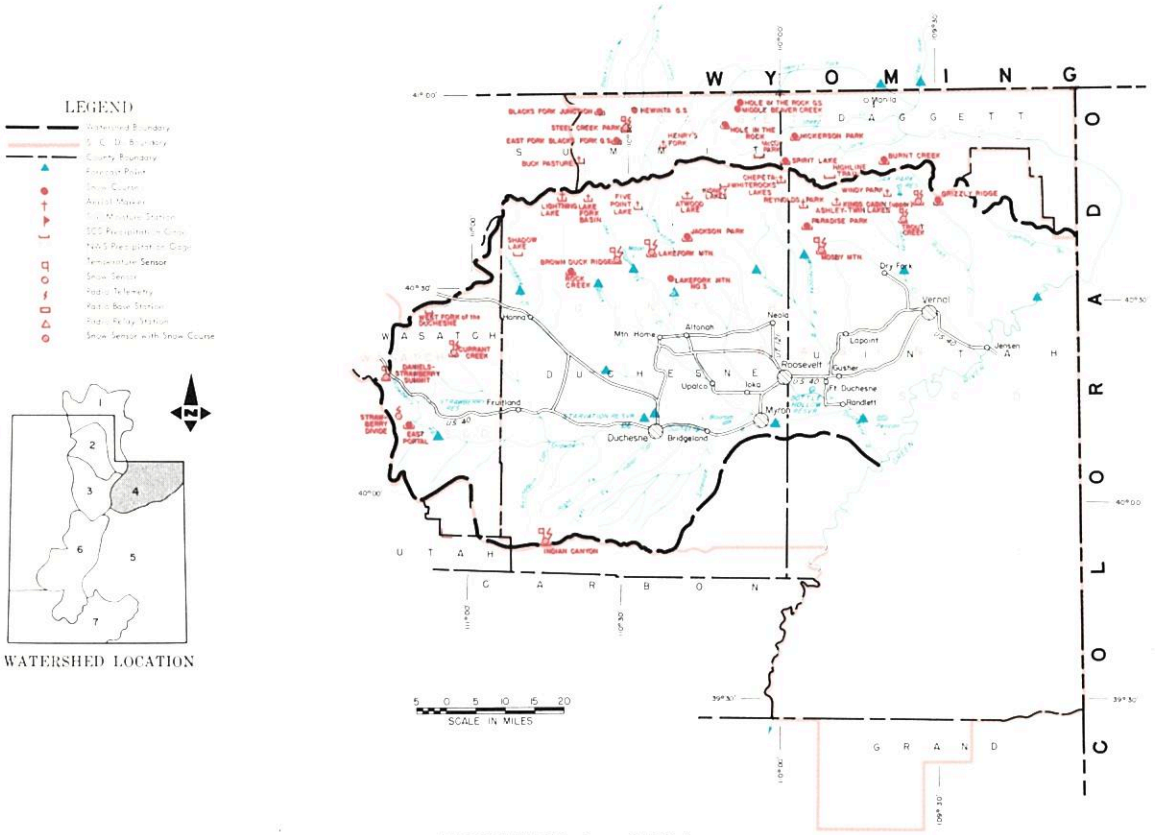
UTAH STATE DEPARTMENT OF NATURAL RESOURCES



FEBRUARY 1, 1984

THE WATER SUPPLY OUTLOOK IS ABOVE AVERAGE

SNOW COVER percentages dropped significantly after a very dry January and now ranges from 115% of average on Sheep Creek to 149% on Strawberry River. Ashley Creek snow cover is 121%, Black's Fork 146%, Uintah-Whiterocks 119%, and Lakefork-Yellowstone 121% of the February 1 average.

PRECIPITATION at mountain stations was only 20 to 40% of average during January.

SOIL MOISTURE is above average and wetter than last year.

RESERVOIR STORAGE is near average with some reservoirs releasing water to make space for spring runoff.

STREAMFLOW FORECASTS dropped as much as 66% after a very dry January and now range from 117% for Rock Creek to 218% for the Duchesne at Myton. The Duchesne is forecast 130% at Tabiona, 131% for West Fork, 126% at Duchesne, and 207% at Randlett. Strawberry River is forecast 190%, Currant Creek 165%, Lakefork 129%, Yellowstone 120%, Uintah 136%, Whiterocks 145%, Ashley Creek 127%, Black's Fork 136% and Henry's Fork 140%.

Peak flows this season are expected to range from near average on Ashley Creek to about twice average on Strawberry River assuming normal melt conditions.

USDA-SCS-PORTLAND, OR. 1980 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 3	PAST RECORD THOUSAND ACRE FEET Average +
DUCHESNE RIVER					
Duchesne nr Tabiona 1/	137	130	Apr-July	141	105
Duchesne at Duchesne 1/	238	126	Apr-July	290	189
Strawberry at Duchesne	110	190	Apr-July	185	58
Rock Creek nr Mtn. Home	109	117	Apr-July	--	93
Currant Creek nr Fruitland	33	165	Apr-July	54	20
Lakefork below Moon Lake 1/	90	129	Apr-July	--	70
Yellowstone nr Altonah	78	120	Apr-July	--	65
Duchesne at Myton 1/	446	218	Apr-July	--	205
Whiterocks nr Whiterock	84	145	Apr-July	97	58
Uintah nr Neola	117	136	Apr-July	--	86
Duchesne at Randlett 1/	532	207	Apr-July	--	257
West Fork Duchesne at Hanna	34	131	Apr-July	--	26
FLAMING GORGE TO DUCHESNE RIVER					
Henry's Fork nr Manila	67	140	Apr-Sept	162	48[a]
Black's Fork nr Millburne	122	136	Apr-July	145	90
Flaming Gorge Inflow 1/	1700	136	Apr-July	--	1248
Ashley Creek nr Vernal	65	127	Apr-July	--	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	12	109	131
LAKEFORK-YELLOWSTONE CREEKS	4	92	121
STRAWBERRY RIVER	4	151	149
UINTAH - WHITEROCKS RIVERS	3	84	119
ASHLEY CREEK	3	76	121
BLACK'S FORK	4	176	146
SHEEP CREEK	4	95	115

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e - Maximum mean daily peak flow
+ - 1961-80 20 year Average Period
* - Forecast in cooperation with National Weather Service

RESERVOIR STORAGE (Thousand Acre Feet)

BASIN OR STREAM	RESERVOIR	Useable Capacity	USEABLE STORAGE This Year	USEABLE STORAGE Last Year	USEABLE STORAGE Average +
ASHLEY CREEK	Red Fleet	26.0	18.0	20.8	--
	Steinaker	33.3	23.9	32.3	19.7b
GREEN RIVER	Flaming Gorge	3749.0	3309.8	3214.8	--
LAKE FORK	Moon Lake	35.8	--	30.3	15.4
STRAWBERRY	Starvation	165.3	92.7	128.6	113.0[b]
UINTAH	Bottle Hollow	11.3	11.1	11.1	10.2[b]

PEAK FLOWS e

FORECAST POINT	PEAK FLOW (SECOND FEET) Forecast Range	PEAK FLOW (SECOND FEET) Average +
Strawberry at Duchesne	1160-1570	675
Ashley Creek nr Vernal	780-1280	966
Rock Creek nr. Mtn. Home	1490-1810	1415

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 +
Brown Duck Ridge	2/2	53	16.8	16.1	12.9[a]
Currant Creek	1/26	31	9.6	7.7	7.8a
Daniels-Strawberry	1/26	42	14.9	10.8	10.1
Hewinta G. S.	1/31	33	8.9	4.9	6.4[a]
Hickerson Park	2/2	27	7.7	4.9	5.8[a]
Jackson Park	2/2	37	10.2	12.1	8.6[a]
Kings Cabin Upper	2/1	32	9.1	9.8	6.1[a]

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 +
Lakefork Mountain	2/2	31	8.5	9.3	7.0
Mosby Mountain	2/1	27	7.0	9.0	6.4
Paradise Park	2/1	37	11.1	12.5	8.8
Rock Creek Ranch	2/2	22	5.4	6.3	4.5[a]
Spirit Lake	1/31	32	9.0	9.3	8.1[a]
Steel Creek Park	1/31	48	14.6	10.5	9.1[a]
Strawberry Divide	1/31	56	19.8	12.2	12.6
Trout Creek	2/1	28	7.1	10.6	6.6[a]

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WATER SUPPLY OUTLOOK

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

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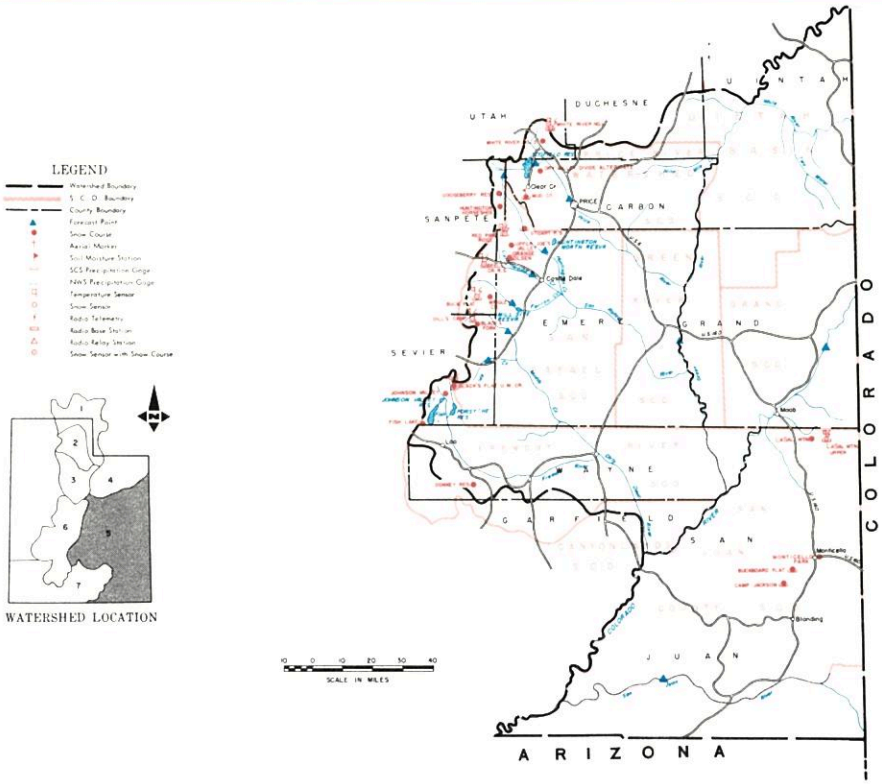
UTAH STATE DEPARTMENT OF NATURAL RESOURCES



FEBRUARY 1, 1984

THE WATER SUPPLY OUTLOOK IS WELL ABOVE AVERAGE

SNOW COVER percentages dropped on all basins except LaSal Mountains (134%) after a very dry January. Snow cover now ranges from 86% of average on Blue Mountains to 192% on the San Rafael. Price River is 159%, Muddy 167%, and Fremont 170% of the February 1 average.

PRECIPITATION at mountain stations ranged from only 20 to 50% of average except on LaSal Mountains where it was better than average for January.

SOIL MOISTURE is above average except on the LaSal and Blue Mountains where it is near average.

RESERVOIR STORAGE is near average or above average.

STREAMFLOW FORECASTS dropped on all streams except Mill Creek and now range from 137% for Navajo Inflow to 229% for the Price near Heiner. Scofield Inflow is forecast 220%, Huntington Creek 190%, Cottonwood Creek 200%, Ferron Creek 192%, Muddy Creek 184%, Seven Mile Creek 137%, Green River 166%, Colorado River 184% and San Juan River 154% of the April-July average.

Peak flows are expected to be one and one half to twice average this year. Precautions should be taken to protect property along stream channels.

USDA-SCS-FORT WORTH, TEXAS 1983 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 3	PAST RECORD THOUSAND ACRE FEET Average †
PRICE RIVER					
Gooseberry Crk nr Scofield	22	206	Apr-July	--	10.7
Scofield Reservoir Inflow	83	220	Apr-July	--	38
Price nr Heiner 1/	145	229	Apr-July	--	63
SAN RAFAEL RIVER					
Huntington Crk nr Huntington	93	190	Apr-July	--	49
Cottonwood Crk nr Orangeville	94	200	Apr-July	159	47[b]
Ferron Creek nr Ferron	71	192	Apr-July	75	37
MUDDY CREEK					
Muddy Creek nr Emery	34	184	Apr-July	44	18.5
UPPER COLORADO BASIN					
Colorado nr Cisco, UT	5620	184	Apr-July	--	3046
Green at Green River, UT	5000	166	Apr-July	--	3016
Mill Creek nr Moab	8.6	156	Apr-July	12.4	5.5[b]
Navajo Reservoir Inflow	1000	137	Apr-July	--	684
San Juan nr Bluff, UT	1530	154	Apr-July	--	995
FREMONT RIVER					
Seven Mile Crk nr Fish Lake	8.9	137	Apr-July	28	6.5[b]

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	4	107	159
SAN RAFAEL RIVER	8	145	192
FREMONT RIVER	3	134	170
LASAL MOUNTAINS	2	92	134
BLUE MOUNTAINS	2	76	86
MUDDY RIVER	2	133	167
HUNTINGTON CREEK	4	157	183

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a - Partly estimated
b - Average of all past record - less than 20 years
e - Maximum mean daily peak flow
+ - 1961-80 20 year Average Period
* - Forecast in cooperation with National Weather Service

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	48.3	52.9	31.3
SAN RAFAEL	Huntington North	3.9	2.8	3.7	2.3[b]
	Joe's Valley	54.6	41.2	47.3	43.6[b]
	Mill Site	16.7	12.5	12.8	3.5[b]
SAN JUAN	Navajo	1696.0	1461.8	1401.0	--
	Kens Lake	2.3	1.7	0.8	--

PEAK FLOWS e

FORECAST POINT	PEAK FLOW (SECOND FEET) Forecast Range	PEAK FLOW (SECOND FEET) Average †
Ferron Creek near Ferron	730-890	444
Muddy Creek near Emery	230-360	168
Huntington Cr. near Huntington	700-900	516

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	1/30	53	19.7	15.5	10.5
Buckboard Flat	1/31	32	9.1	10.9	10.2[a]
Camp Jackson	1/31	31	9.3	13.2	11.3[a]
Dills Camp	1/29	39	13.7	10.2	8.0[a]
Dry Valley Divide Alternate	1/31	36	12.8	5.5	8.4[a]
Huntington-Horseshoe	1/31	66	27.5	18.5	15.2[a]
Indian Canyon	1/31	34	9.5	10.7	8.3
Lasal Mtn. Upper	1/30	45	13.4	15.1	10.5[a]
Mammoth-Cottonwood R.S.	1/30	64	25.1	15.3	13.5

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 †
Monticello City Park	1/31	6	2.2	--	3.8[a]
Mud Creek	1/31	45	15.5	9.3	9.1
Red Pine Ridge	1/30	54	19.6	13.0	10.6
Seeley Creek	1/30	52	20.9	13.3	9.1[a]
White River #1	1/31	42	15.1	9.2	9.0[a]
White River #3	1/31	31	9.7	5.8	7.0[a]

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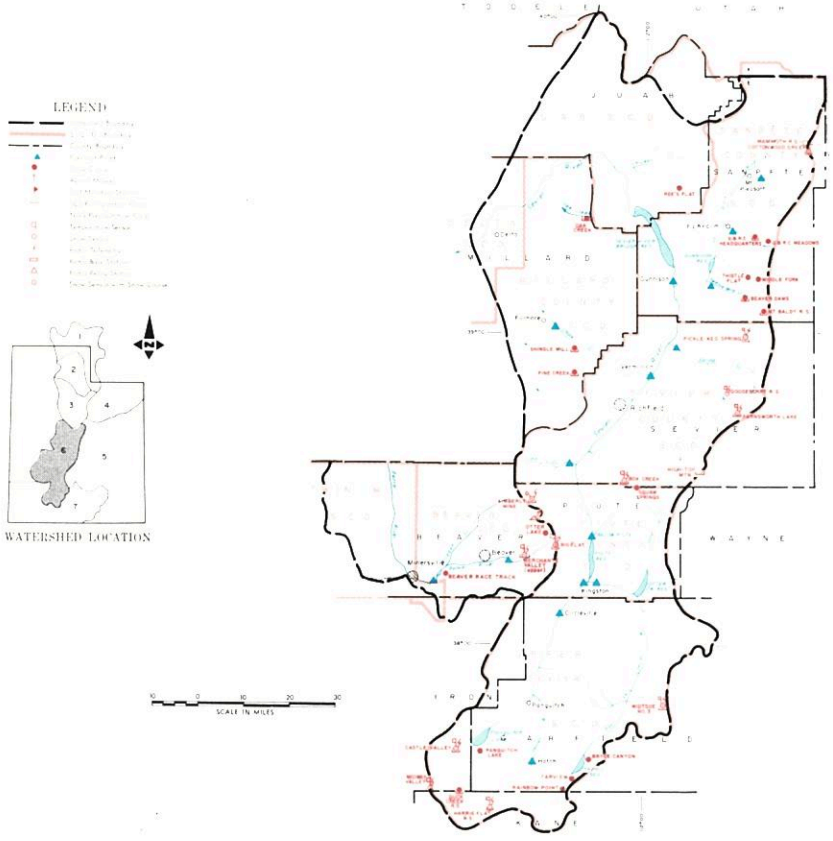
WATER SUPPLY OUTLOOK

SEVIER RIVER BASIN including BEAVER RIVER in UTAH

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



FEBRUARY 1, 1984

THE WATER SUPPLY OUTLOOK IS WELL ABOVE AVERAGE

SNOW COVER percentages dropped significantly after a very dry month and now ranges from 110% of average on the South Fork Sevier to 201% on Beaver River. The East Fork is 134% and Lower Sevier 176% of the February 1 average.

PRECIPITATION at mountain stations ranged from only 20 to 50% of the January average.

SOIL MOISTURE is wetter than average on the Lower Sevier but near average on the Upper Sevier.

RESERVOIR STORAGE in above average with most reservoirs releasing water to make space for spring runoff.

STREAMFLOW FORECASTS dropped 10 to 50% after a very dry January and now range from 131% for Oak Creek, to 538% for the Sevier Inflow Sigurd to Gunnison. Sevier River is forecast 150% at Hatch, 188% at Circleville, 221% at Kingston, 212% for East Fork, 222% below Piute, 300% Kingston to Vermillion and 410% near Gunnison. Clear Creek is forecast 175%, Antimony Creek 170%, Salina Creek 214%, Chicken Creek 166%, Ephriam Creek 208%, Pleasant Creek 256%, Salt Creek 178% and Chalk Creek near Fillmore 293%. Beaver River is forecast 243% near Beaver, 240% for North Creeks and 404% for Minersville Inflow. Peak flows are expected to range from one and one half to near three times average again this season. Steps should be taken to protect property along stream channels.

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 3	PAST RECORD THOUSAND ACRE FEET Average †
SEVIER RIVER					
Sevier at Hatch	72	150	Apr-July	--	48
Sevier nr Circleville	72	188	Apr-July	--	38
Sevier nr Kingston	64	221	Apr-July	--	28
Antimony Crk nr Antimony	17.5	170	Apr-July	--	10.3
East Fork Sevier nr Kingston1/	40	212	Apr-July	--	18.9
Sevier below Piute Dam	100	222	Apr-July	--	45
Clear Crk nr Sevier (abv Div)	33	175	Apr-July	--	18.9
Sigurd to Gunnison	140	538	Apr-July	--	26
Kingston to Vermillion Dam	100	300	Apr-June	--	45
Vermillion Dam to Gunnison	145	518	Apr-June	--	25
Salina Creek at Salina	26	214	Apr-June	--	11.9
Sevier nr Gunnison	220	410	Apr-July	--	54
Chalk Creek nr Fillmore	48	293	Apr-July	--	16.4[b]
Chicken Creek nr Levan	5.8	166	Apr-July	24	3.5[b]
Oak Cr. nr Oak City	2.1	131	Apr-July	4.5	1.6[b]
Ephraim Creek nr Ephraim	31	208	Apr-July	--	14.9
Pleasant Crk nr Mt. Pleasant	22	256	Apr-July	--	8.6
Salt Creek nr. Nephi	24	178	Apr-July	--	13.5
Beaver nr Beaver	56	243	Apr-July	72	23
North Creek (Combined)	35	240	Apr-July	--	14.6[a]
Minersville Inflow	36	404	Apr-June	--	8.9

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	72	118
East Fork Sevier	4	89	134
South Fork Sevier	6	65	110
LOWER SEVIER	12	130	176
BEAVER RIVER	3	134	201

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
a - Partly estimated
b - Average of all past record + less than 20 years
e - Maximum mean daily peak flow
+ - 1961-80 20 year Average Period
* - Forecast in cooperation with National Weather Service

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	13.0	17.0	11.7[b]
	Otter Creek	52.5	50.2	49.4	27.5
	Piute	71.8	68.3	60.4	36.9
	Sevier Bridge	236.0	210.1	222.0	101.1
	Panguitch Lake	22.3	20.3	--	--
BEAVER RIVER	Minersville (Rky Fd)	26.0	20.6	22.2	11.2

PEAK FLOWS[e]

FORECAST POINT	PEAK FLOW (SECOND FEET) Forecast Range	PEAK FLOW (SECOND FEET) Average †
Beaver River nr Beaver	550-810	257
Sevier River at Hatch	600-800	484
Sevier River nr Kingston	600-800	312
Clear Creek nr Sevier	350-450	226
Salina Creek nr Salina	700-900	285

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	1/27	60	21.5	15.1	10.6
Bryce Canyon	1/31	16	2.7	6.8	3.3
Castle Valley	1/28	36	10.7	13.9	6.8[a]
Duck Creek	1/28	29	6.9	15.2	9.0
Farnsworth Lake	1/29	54	18.1	13.2	11.6
Gooseberry R.S.	1/29	37	11.6	8.0	7.4
Harris Flat	1/28	20	4.5	10.4	6.0
Kimberly Mine	1/27	50	14.6	10.6	10.2[b]

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	1/27	12	4.0	8.7	4.3
Merchants Valley Upper	1/27	44	14.1	12.6	8.0[b]
Midway Valley	1/28	43	12.8	23.7	13.3
Oak Creek	1/26	44	12.8	14.4	8.4[a]
Otter Lake	1/27	48	16.0	12.1	8.0
Pickle Keg Springs	1/30	51	18.1	13.4	9.8[a]
Pine Creek	1/26	61	20.6	16.2	9.4[a]
Widtsoe-Escalante #3	1/28	32	7.2	9.5	7.0

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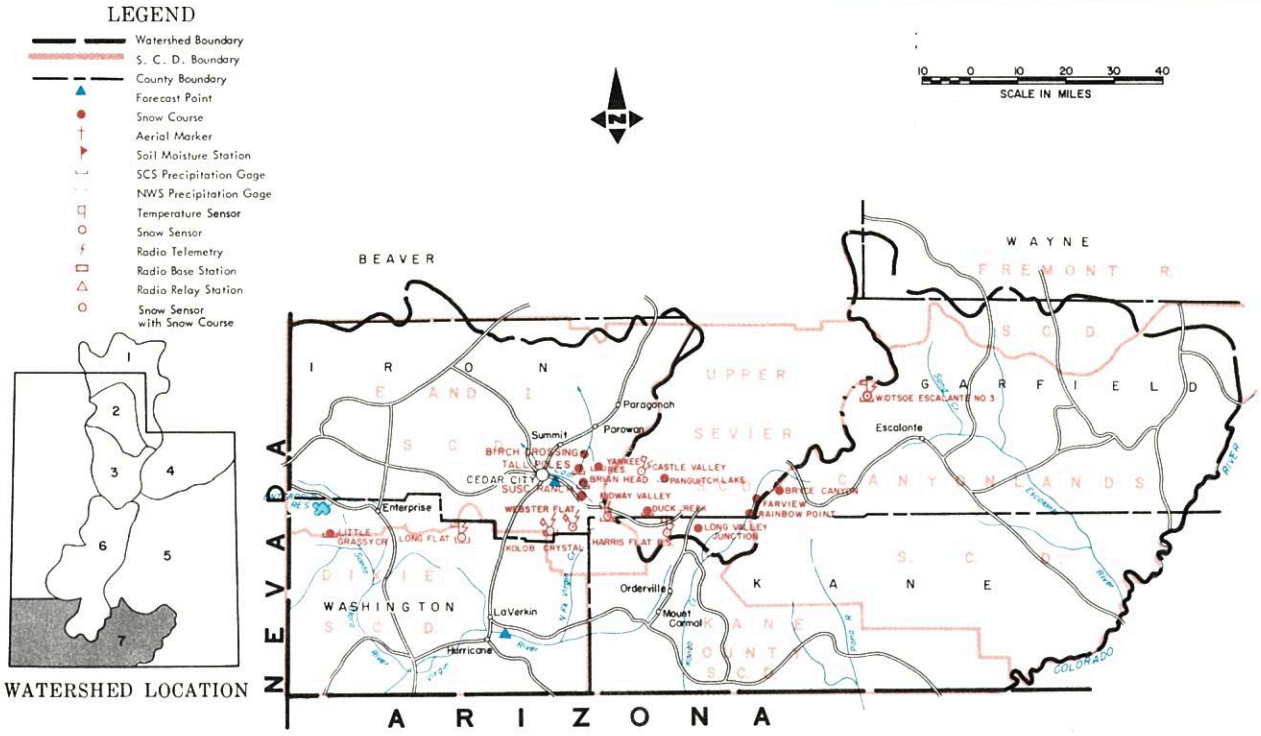
WATER SUPPLY OUTLOOK

EAST GARFIELD, KANE, WASHINGTON and IRON COUNTIES in UTAH

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



FEBRUARY 1, 1984

THE WATER SUPPLY OUTLOOK IS ABOVE AVERAGE

SNOW COVER percentages dropped significantly after a dry month and now range from 37% of average in the Enterprise-New Harmony area to 125% on Parowan Creek. Coal Creek snow cover is now 90% of average, Virgin River 87%, and Escalante River 103% of the February 1 average.

PRECIPITATION at mountain stations ranged from 47% of average at Widtsoe #3 to 80% at Tall Poles on Parowan Creek.

SOIL MOISTURE is wetter than average.

RESERVOIR STORAGE is generally above average.

STREAMFLOW FORECASTS dropped 8 to 22% after a dry January and now range from 121% of average for Virgin River to 166% for Lake Powell Inflow. Santa Clara Creek is forecast 123% and Coal Creek 130% of the April-July average.

Peak flows are expected to range from near average to 50% above average in this area assuming normal melt temperature and precipitation.

USDA SCS FORT WORTH, TEXAS 1983 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 [3]	PAST RECORD THOUSAND ACRE FEET Average †
VIRGIN RIVER					
Virgin nr Hurricane	75	121	Apr-June	52	63
Santa Clara nr Pine Valley	6.5	123	Apr-June	--	5.3
COAL CREEK					
Coal Creek nr Cedar City	24	130	Apr-July	22	18.4
UPPER COLORADO					
Lake Powell Inflow	12400	166	Apr-July	--	7462

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	50	90
VIRGIN RIVER	3	50	87
PAROWAN CREEK	4	88	125
ENTERPRISE - NEW HARMONY	2	35	37
ESCALANTE RIVER	1	78	103

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
a - Partly estimated
b - Average of all past record - less than 20 years
e - Maximum mean daily peak flow
+ - 1961-80 20 year Average Period
* - Forecast in cooperation with National Weather Service

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	22013.0	22408.0	--
	Blue Mesa	829.5	494.6	538.2	--

PEAK FLOWS [e]

FORECAST POINT	PEAK FLOW (SECOND FEET) Forecast Range	PEAK FLOW (SECOND FEET) Average †
Coal Creek nr Cedar City	300-400	220
Virgin nr Hurricane	1100-1400	1092

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	1/30	28	7.0	7.1	5.0[b]
Brian Head	1/28	51	15.8	18.3	12.9[b]
Harris Flat	1/28	20	4.5	10.4	6.0
Kolob-Crystal	1/27	42	13.7	23.6	15.5[a]
Little Grassy	1/27	2	0.4	3.1	6.9[a]
Long Flat	1/27	13	3.6	8.2	7.1[a]

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	1/27	12	4.0	8.7	4.3
SUSC Ranch	1/30	22	5.7	10.0	6.5[b]
Tall Poles	1/30	41	11.0	13.7	9.1[b]
Webster Flat	1/28	31	9.0	20.8	10.9
Yankee Reservoir	1/27	34	8.6	9.1	6.8[b]

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SNOW

DRAINAGE BASIN and/or SNOW COURSE NAME	THIS YEAR			PAST RECORD		PRECIPITATION (Inches) CURRENT INFORMATION			FROM APPROX. OCT 1 TO DATE		
	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
GREAT BASIN											
UPPER BEAR RIVER (Above Harer, Idaho)											
Burts-Miller Ranch	1/30	20	6.0	2.4	4.3[a]	1/30	0.49	--	7.89	--	--
CCC Camp	1/30	37	9.6	6.6	8.8[a]						
Hayden Fork	1/30	42	11.3	7.8	10.4[a]	1/30	1.30	--	17.86	--	--
Monte Cristo R.S.	1/28	66	24.9	12.6	16.2	1/28	1.90	6.10[b]	23.37	17.12	136
Salt River Summit	1/30	42	11.4	7.8	11.3[a]	1/30	1.81	4.18	14.31	11.35	126
Stillwater Camp	1/30	32	9.1	5.0	7.4[a]	1/30	0.70	--	12.11	--	--
Lily Lake	1/31	41	12.0	7.5	--						
LOWER BEAR RIVER (Below Harer, Idaho)											
Bug Lake	1/28	58	21.1	9.2	12.7[a]	1/28	2.50	--	22.00[a]	--	--
Cub River R.S.	1/27	40	11.7	5.5	6.5						
Emigrant Summit	2/1	65[a]	24.0[a]	16.2	17.0						
Franklin Basin	1/27	62	22.9	13.0	16.6[a]	1/27	3.30[a]	--	27.31[a]	--	--
Garden City Summit	1/27	51	17.0	8.8	11.9	1/27	1.98	4.27	19.79	12.33	160
Klondike Narrows	1/27	57	19.5	10.9	13.4	1/27	1.74	5.49[b]	20.36	15.41[b]	132
Little Bear (lower)	2/3	38	13.2	7.0	7.4[a]						
Little Bear (upper)	1/29	44	15.7	8.0	8.4a	1/29	0.73	--	23.07	--	--
Slug Creek Divide	1/30	42	13.4	9.7	11.6[a]						
Steep Hollow #1	1/27	91	33.1	22.6	24.1[b]						
Steep Hollow #2	1/27	71	25.2	15.7	17.5						
Tony Grove Lake	1/27	94	34.1	19.5	25.2[a]	1/27	0.30[a]	--	29.92[a]	--	--
Tony Grove R.S.	1/27	49	15.8	6.9	8.8	1/27	1.27	3.56[b]	20.87	11.18[b]	187
Willow Flat	1/27	59	19.8	9.0	11.1	1/27	2.15	5.00[b]	25.28	15.14	167
OGDEN RIVER											
Beaver Creek-Skunk Creek	1/28	38	14.0	7.5	8.5						
Ben Lomond Peak	1/29	108	43.3	25.5	23.5[b]	1/29	1.10	--	44.10	--	--
Ben Lomond Trail	2/3	74	26.4	13.4	10.5[a]	2/3	1.41	7.56[b]	33.15	20.51[b]	162
Causey Dam	1/28	28				1/28	0.82	2.56[b]	14.58	9.49	154
Dry Bread Pond	1/28	53	19.0	10.0	12.3	1/28	2.30	3.50[b]	21.72	16.96[b]	128
Sagebrush Flat	1/28	32	9.1	3.4	4.1	1/28	1.00	2.59[b]	12.77	9.49	135
WEBER RIVER											
East Shingle Lake (A)											
Beaver Creek R. S.	1/31	29	8.6	5.4	6.0						
Chalk Creek #1	1/30	55	18.1	13.6	14.6[a]	1/30	1.20[e]	--	19.90[e]	--	--
Chalk Creek #2	1/30	39	11.8	8.7	9.5	1/30	0.80[e]	--	13.20[e]	--	--
Chalk Creek #3	1/30	26	7.8	4.6	5.4	1/30	0.87	2.28[b]	15.02	9.44[b]	159
Farmington Canyon (lower)	1/26	83	29.1	15.2	14.3[b]	1/26	2.45	5.22[b]	28.80	18.36	157
Farmington Canyon (upper)	1/26	97	35.0	20.4	19.2[b]	1/26	2.40[e]	--	30.10	--	--
Farmington G.S.	1/26	81	28.4[e]		--	1/26	2.43	4.25[b]	--	17.37[b]	--
Horse Ridge	1/26	65	21.8	11.4	15.2[a]	1/26	1.85	--	25.71	--	--
Kilfoil Creek	1/26	47	14.9	7.9	10.2[a]						
Lost Creek Reservoir	1/26	28	7.9	3.0	4.5[a]	1/26	0.72	--	12.32	--	--
Park City Summit	2/1	72	30.0	26.4	19.2[a]						
Parley's Canyon Summit	1/27	62	20.4	10.8	12.3	1/27	1.41	4.31	22.26	14.80	150
Redden Mine (lower)	1/30	47	15.6	11.3	11.3[a]	1/30	1.05	--	12.79	--	--
Smith & Morehouse	1/30	39	12.5	8.5	8.8	1/30	0.99	3.55	15.19	11.90	128
Hardscrabble	1/26	70	24.0	10.6	--						
Pine Canyon	1/26	58	20.5	10.9	--						
PROVO RIVER & UTAH LAKE											
Beaver Creek Divide	1/31	38	11.1	6.8	9.1[a]	1/31	0.50[e]	--	16.30[e]	--	--
Clear Creek Ridge #1	1/31	50	18.7	12.0	12.4[a]	1/31	1.00[e]	--	17.70[e]	--	--
Clear Creek Ridge #2	1/31	40	14.9	9.7	9.6[b]	1/31	0.78	--	14.68[a]	10.87[b]	--
Clear Creek Ridge #3	1/31	29	9.0	6.0	5.5[b]						
Hobble Creek Summit	1/26	49	17.9	9.2	9.8[a]	1/26	1.40[e]	--	--	14.47	--
Payson R.S.	1/26	57	20.6	13.7	12.0	1/26	1.77	3.30	18.59	12.04	154
Soapstone R.S.	1/31	39	10.5	6.2	8.6	1/31	0.80	3.39	16.55	11.16	148
South Fork R.S.	1/30	35	10.6	8.7	4.8						
Timpanogos Divide	1/30	49	16.8	20.7	16.9	1/30	1.50[e]	4.97	20.74	17.43	119
Trial Lake	1/31	56	19.9	14.8	15.9	1/31	0.93	4.71	22.35	16.20	138

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

• 1958-1972 period

SNOW

PRECIPITATION (Inches)

DRAINAGE BASIN and/or SNOW COURSE NAME	SNOW: THIS YEAR Date of Survey	Snow Depth (Inches)	Water Content (Inches)	SNOW: PAST RECORD Water Content (inches) Last Year	Average †	PRECIPITATION: 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											
Lamb's Canyon #2	1/27	54	18.1	10.2	10.7[a]	1/27	0.85		16.09		
Mill Creek	1/26	60	18.9	11.2	15.0[a]						
Mill D South Fork	1/30	57	20.2	12.6	12.7						
Rocky Basin-Settlement	2/1	84[a]	31.1[a]	24.6	--	2/1	5.70[a]	--	31.10[a]	--	--
Silver Lake (Brighton)	1/30	67	24.9	16.8	15.6						
Snow Bird (Gad Valley)	1/26	99	36.6	31.0	23..9[a]						
Vernon Creek	2/1	44[a]	13.8[a]	11.8	7.3[a]	2/1	1.30[a]	--	16.70[a]	--	--
Desert Peak	2/1	75[a]	27.6[a]	19.9	--	2/1	5.30[a]	--	27.60[a]	--	--
COLORADO RIVER DRAINAGE											
UPPER GREEN RIVER - UTAH											
Black's Fork G.S.-East Fork	1/31	32	9.0	4.1	6.4[a]	1/31	0.87	--	11.53	--	--
Black's Fork Junction	1/31	33	9.1	4.2	6.6[a]	1/31	0.82	--	11.50	--	--
Burnt Creek	1/27	20	4.1	4.9	3.8[a]	1/27	0.40	1.69[b]	10.20	6.09[b]	167
Grizzly Ridge	1/27	29	7.2	10.3	6.6[a]	1/27	1.00	2.44[b]	12.30	8.75[b]	141
Hewinta G.S.	1/31	33	8.9	4.9	6.4[a]	1/31	0.95	--	12.55	--	--
Hickerson Park	2/2	27	7.7	4.9	5.8[a]	2/2	0.45	--	7.80	--	--
King's Cabin (upper)	2/1	32	9.1	9.8	6.1[a]	2/1	0.75	--	11.43	9.24	124
Spirit Lake	1/31	32	9.0	9.3	8.1[a]	1/31	0.75	--	10.85	--	--
Steel Creek Park	1/31	48	14.6	10.5	9.1[a]	1/31	1.10[a]	--	14.60[a]	--	--
Trout Creek	2/1	28	7.1	10.6	6.6[a]	2/1	0.62	--	7.95	--	--
DUCHESNE RIVER											
Brown Duck Ridge	2/2	53	16.8	16.1	12.9[a]	2/2	0.70[a]	--	17.39[a]	--	--
Chepeta	2/1	33	9.1	10.9	--	2/1	0.70[a]	--	10.90[a]	--	--
Currant Creek	1/26	31	9.6	7.7	7.8[a]	1/26	0.90[a]	--	13.10[a]	--	--
Daniels-Strawberry Summit	1/26	42	14.9	10.8	10.1	1/26	0.80[a]	3.59	16.75[a]	12.03	139
East Portal	1/31	40	12.5	7.0	7.6	1/31	1.16	3.34	18.83	11.14	169
Indian Canyon	1/31	34	9.5	10.7	8.3	1/31	0.49	2.41	11.62	8.69	134
Jackson Park	2/2	37	10.2	12.1	8.6[a]	2/2	0.50[a]	--	12.87	--	--
Lakefork Mountain #1	2/2	31	8.5	9.3	7.0	2/2	0.40	--	11.39	8.68	131
Lakefork Mountain #3	2/2	21	4.5	5.8	4.5[b]						
Mosby Mountain	2/1	27	7.0	9.0	6.4	2/1	0.65	2.28[b]	11.12	8.87	125
Paradise Park	2/1	37	11.1	12.5	8.8	2/1	0.61	2.39[b]	11.24	9.36	120
Rock Creek Ranch	2/2	22	5.4	6.3	4.5[a]	2/2	0.40	--	10.29	--	--
Strawberry Divide	1/31	56	19.8	12.2	12.6	1/31	1.00[a]	--	23.20[a]	--	--
PRICE RIVER											
Dry Valley Divide Alternate	1/31	36	12.8	5.5	8.4[a]						
Mud Creek	1/31	45	15.5	9.3	9.1	1/31	0.51	2.70	17.02	9.20	185
White River #1	1/31	42	15.1	9.2	9.0[a]	1/31	0.73	--	15.27	--	--
White River #3	1/31	31	9.7	5.8	7.0[a]						
SAN RAFAEL RIVER											
Buck Flat	1/30	53	19.7	15.5	10.5	1/30	1.60	--	20.55	11.29[b]	182
Huntington-Horseshoe	1/31	66	27.5	18.5	15.2[a]						
Orange Olsen	1/30	24	6.5	5.9	2.8[a]	1/30	0.41	--	9.78	--	--
Red Pine Ridge	1/30	54	19.6	13.0	10.6	1/30	0.80[a]	--	21.80[a]	12.77	171
Seeley Creek R.S.	1/30	52	20.9	13.3	9.1[a]	1/30	1.50[a]	--	23.50[a]	--	--
Stuart R.S.	1/30	35	10.9	6.1	6.1[a]	1/30	0.40[a]	--	14.63[a]	--	--
Upper Joe's Valley	1/30	38	12.1	8.3	6.7						
Wrigley Creek	1/30	39	12.8	9.2	6.8[b]						
MUDDY RIVER											
Black's Fork	1/30	43	14.3	10.8	8.8[a]						
Dill's Camp	1/29	39	13.7	10.2	8.0[a]	1/29	1.20	--	16.42	--	--

USDA-SCS-PORTLAND, OR. 1977 M7-0-22017 D

† 1958-1972 period.

SNOW

DRAINAGE BASIN and/or SNOW COURSE NAME	THIS YEAR			PAST RECORD	
	Date of Survey	Snow Depth (inches)	Water Content (inches)	Water Content (inches)	
				Last Year	Average †
FREMONT RIVER					
Black's Flat-U.M. Creek	1/29	38	11.7	8.1	7.8[a]
Fish Lake	1/29	36	10.7	8.0	5.7[a]
Johnson Valley	1/29	33	9.8	6.0	5.4[a]
SOUTHEASTERN UTAH DRAINAGES					
Buckboard Flat	1/31	32	9.1	10.9	10.2[a]
Camp Jackson	1/31	31	9.3	13.2	11.3[a]
LaSal Mountain (lower)	1/30	32	9.3	9.6	6.5[a]
LaSal Mountain (upper)	1/30	45	13.4	15.1	10.5[a]
Monticello City Park	1/31	6	2.2	--	3.8[a]
UPPER SEVIER RIVER (South of Richfield, Utah)					
Box Creek	1/29	44	14.0	11.8	8.4[a]
Bryce Canyon	1/31	16	2.7	6.8	3.3
Castle Valley	1/28	36	10.7	13.9	6.8[a]
Duck Creek R.S	1/28	29	6.9	15.2	9.0
Harris Flat	1/28	20	4.5	10.4	6.0
Kimberly Mine	1/27	50	14.6	10.6	10.2[b]
Midway Valley	1/28	43	12.8	23.7	13.3
Panguitch Lake	1/27	18	4.5	9.0	3.7
Squaw Springs	1/29	31	7.8	7.4	5.0[a]
LOWER SEVIER RIVER (Including San Pitch River)					
Beaver Dams	1/30	42	13.3	8.7	8.1[a]
Farnsworth Lake	1/29	54	18.1	13.2	11.6
G.B.R.C. Headquarters	1/30	53	18.8	12.4	10.1
G.B.R.C. Meadows	1/30	61	23.3	19.7	13.7
Gooseberry R.S.	1/29	37	11.6	8.0	7.4
Mammoth-Cottonwood Creek	1/30	64	25.1	15.3	13.5
Mt. Baldy R.S.	1/30	71	24.8	20.3	14.2[a]
Oak Creek	1/26	44	12.8	14.4	8.4[a]
Pickle Keg Springs	1/30	51	18.1	13.4	9.8[a]
Pine Creek	1/26	61	20.6	16.2	9.4[a]
Ree's Flat	1/26	43	13.8	12.9	8.2[a]
Shingle Mill	1/31	34	10.9	7.7	5.9[b]
Gooseberry Reservoir					
BEAVER RIVER					
Beaver Race Track	1/31	0	0.0	0.3	--
Big Flat	1/27	60	21.5	15.1	10.6
Merchant's Valley (upper)	1/27	44	14.1	12.6	8.0[b]
Otter Lake	1/27	48	16.0	12.1	8.0
PAROWAN CREEK					
Birch Crossing	1/30	28	7.0	7.1	5.0[b]
Brian Head	1/28	51	15.8	18.3	12.9[b]
Tall Poles	1/30	41	11.0	13.7	9.1[b]
Yankee Reservoir	1/27	34	8.6	9.1	6.8[b]
ENTERPRISE TO NEW HARMONY DRAINAGES					
Little Grassy Creek	1/27	2	0.4	3.1	5.4[a]
Long Flat	1/27	13	3.6	8.2	5.5[a]
COAL CREEK					
Cedar City Golf Course	1/30	0	0.0	0.1	--
SUSC Ranch	1/30	22	5.7	10.0	6.5[b]

PRECIPITATION (Inches)

DRAINAGE BASIN and/or SNOW COURSE NAME	CURRENT INFORMATION			FROM APPROX. OCT 1 TO DATE		
	Date of Reading	Month's Precipitation	Average †	This Year	Average †	Percent of Average
FREMONT RIVER						
Black's Flat-U.M. Creek	1/29	1.03	--	13.21	--	--
Fish Lake	1/29	0.30[a]	--	--	--	--
Johnson Valley						
SOUTHEASTERN UTAH DRAINAGES						
Buckboard Flat	1/31	1.45	--	15.22	--	--
Camp Jackson	1/31	1.45	--	12.83	--	--
LaSal Mountain (lower)						
LaSal Mountain (upper)	1/30	3.78	--	16.86	--	--
Monticello City Park						
UPPER SEVIER RIVER (South of Richfield, Utah)						
Box Creek	1/29	1.15	--	15.02	--	--
Bryce Canyon						
Castle Valley	1/28	1.41	--	14.26	--	--
Duck Creek R.S	1/28	1.37	2.87	13.87	10.90	127
Harris Flat	1/28	1.00[a]	--	7.32[a]	--	--
Kimberly Mine	1/27	2.12	3.31[b]	17.22	11.20	154
Midway Valley						
Panguitch Lake	1/27	0.72	--	7.54	--	--
Squaw Springs						
LOWER SEVIER RIVER (Including San Pitch River)						
Beaver Dams	1/30	0.83	--	19.01	--	--
Farnsworth Lake	1/29	1.00[a]	3.09	15.75	11.64	135
G.B.R.C. Headquarters	1/30	1.11	2.98	19.21	11.52	167
G.B.R.C. Meadows	1/30	1.53	3.84	21.78[a]	13.98	156
Gooseberry R.S.	1/29	0.84	2.45[b]	13.72	7.49[b]	183
Mammoth-Cottonwood Creek	1/30	0.80[a]	3.84	25.10[a]	12.34	203
Mt. Baldy R.S.	1/30	1.50[a]	--	17.31[a]	--	--
Oak Creek	1/26	1.21	--	17.58	--	--
Pickle Keg Springs	1/30	1.60[a]	--	21.08[a]	--	--
Pine Creek	1/26	2.00	--	25.84	--	--
Ree's Flat	1/26	1.23	--	16.83	--	--
Shingle Mill	1/31	1.00	2.10[b]	16.75	10.25	163
Gooseberry Reservoir	1/31	1.04	3.71	22.30	12.09	184
BEAVER RIVER						
Beaver Race Track						
Big Flat	1/27	1.10	--	21.50[a]	9.93	217
Merchant's Valley (upper)	1/27	0.97	--	15.80	9.18	172
Otter Lake						
PAROWAN CREEK						
Birch Crossing						
Brian Head						
Tall Poles	1/30	1.75	2.20[b]	11.65	9.48[b]	123
Yankee Reservoir	1/27	1.90	--	9.75	--	--
ENTERPRISE TO NEW HARMONY DRAINAGES						
Little Grassy Creek	1/27	0.57	--	10.52	--	--
Long Flat	1/27	0.70	--	4.58	--	--
COAL CREEK						
Cedar City Golf Course						
SUSC Ranch						

[b] 1958-1972 period.

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

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 +
ESCALANTE RIVER					
Widtsoe-Escalante #3	1/28	32	7.2	9.5	7.0
VIRGIN RIVER					
Kolob-Crystal	1/27	42	13.7	23.6	15.5[a]
Long Valley Junction	1/27	12	4.0	8.7	4.3
Webster Flat	1/28	31	9.0	20.8	10.9

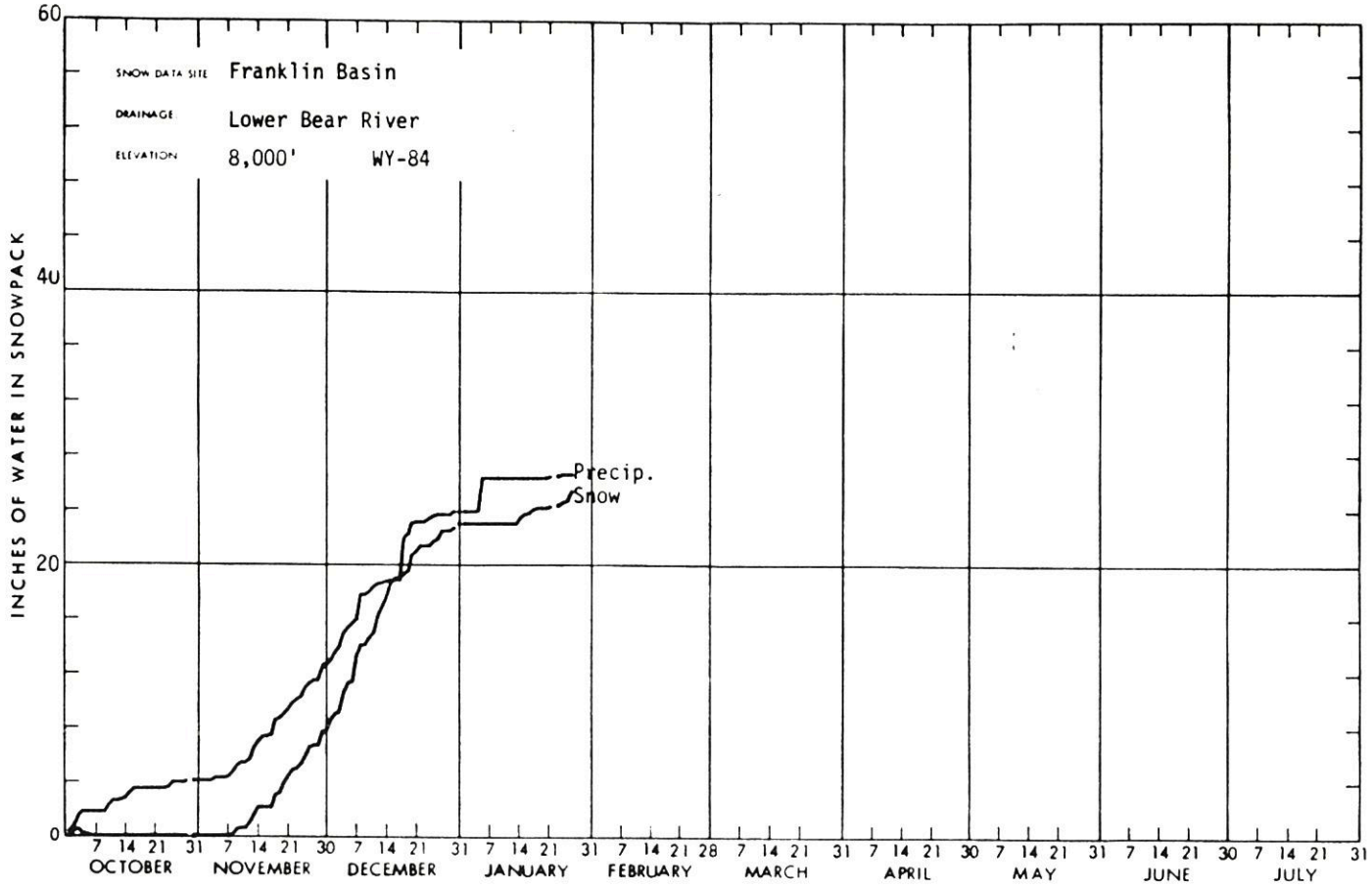
PRECIPITATION (Inches)

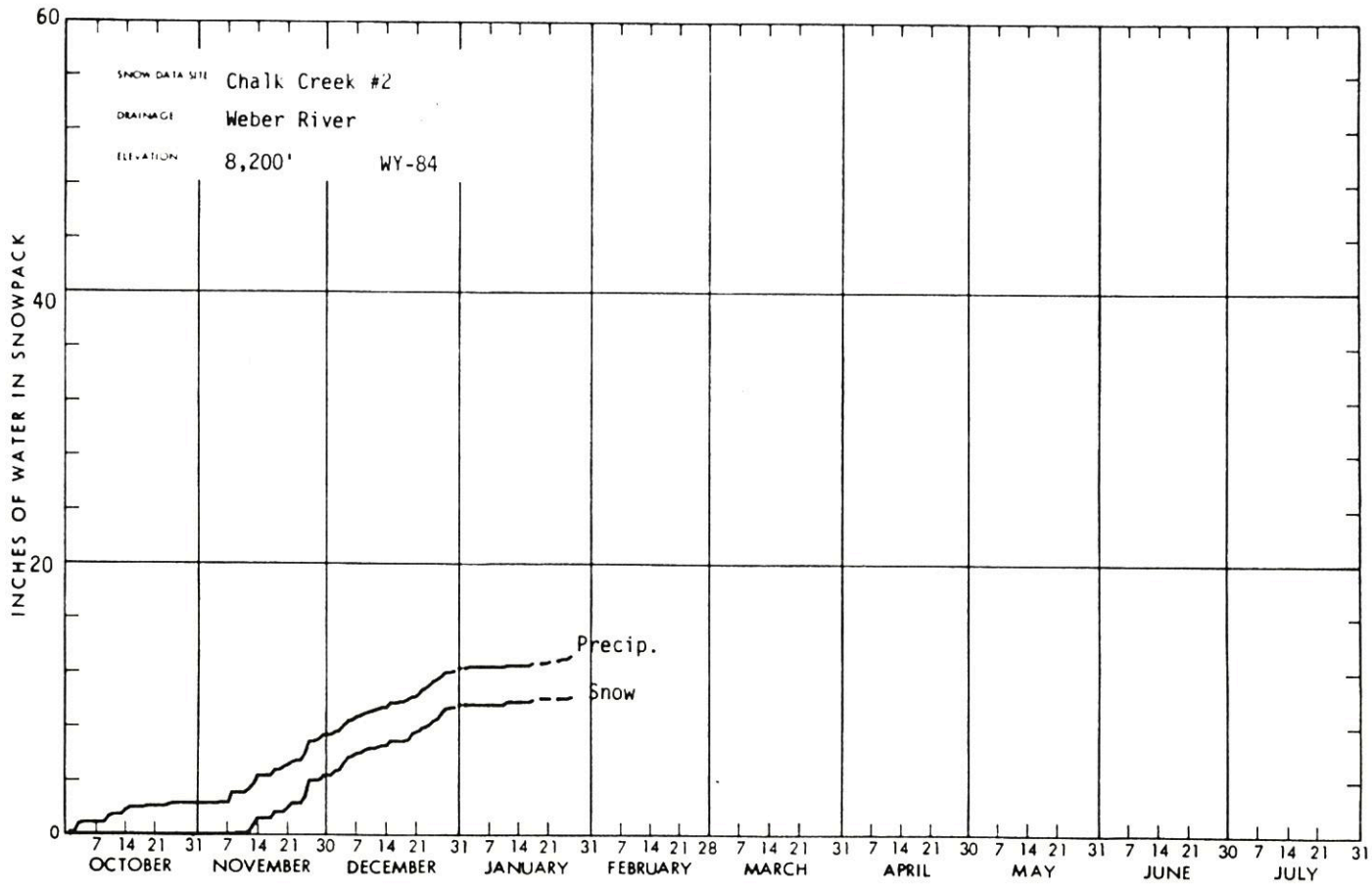
DRAINAGE BASIN and/or SNOW COURSE NAME	CURRENT INFORMATION: Date of Reading	CURRENT INFORMATION: Month's Precipitation	CURRENT INFORMATION: Average +	FROM APPROX. OCT 1 TO DATE: This Year	FROM APPROX. OCT 1 TO DATE: Average +	FROM APPROX. OCT 1 TO DATE: Percent of Average
ESCALANTE RIVER						
Widtsoe-Escalante #3	1/28	0.74	1.58	10.79	7.59	142
VIRGIN RIVER						
Kolob-Crystal	1/27	2.00[a]	--	20.26[a]	--	--
Long Valley Junction						
Webster Flat	1/28	1.99	3.48	13.99	11.62	120

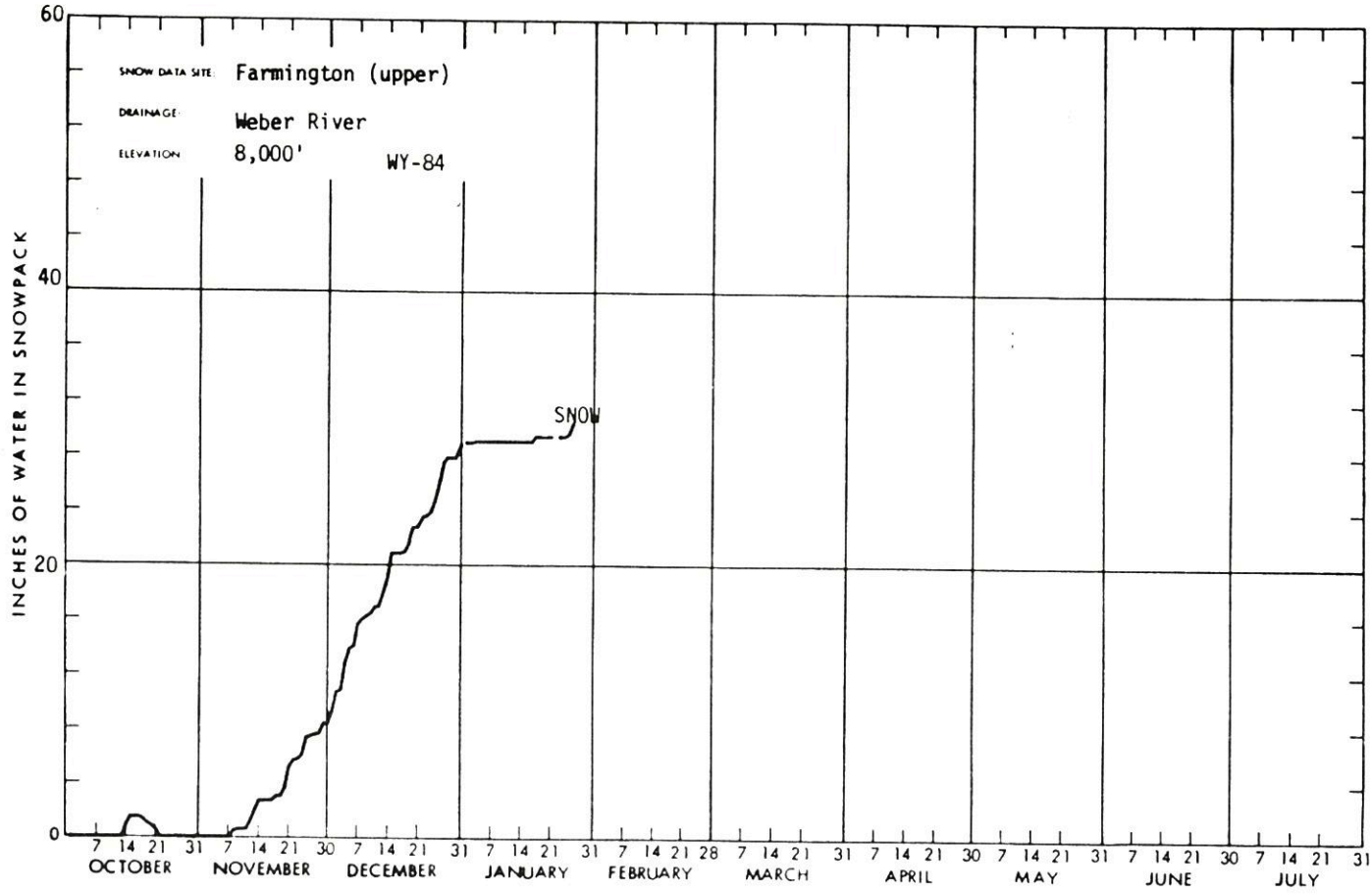
a - Partly Estimated
b - Average of past record in average period - less than 20 years
+ - 1961-80 20 year average period
(A) - Aerial Marker Reading

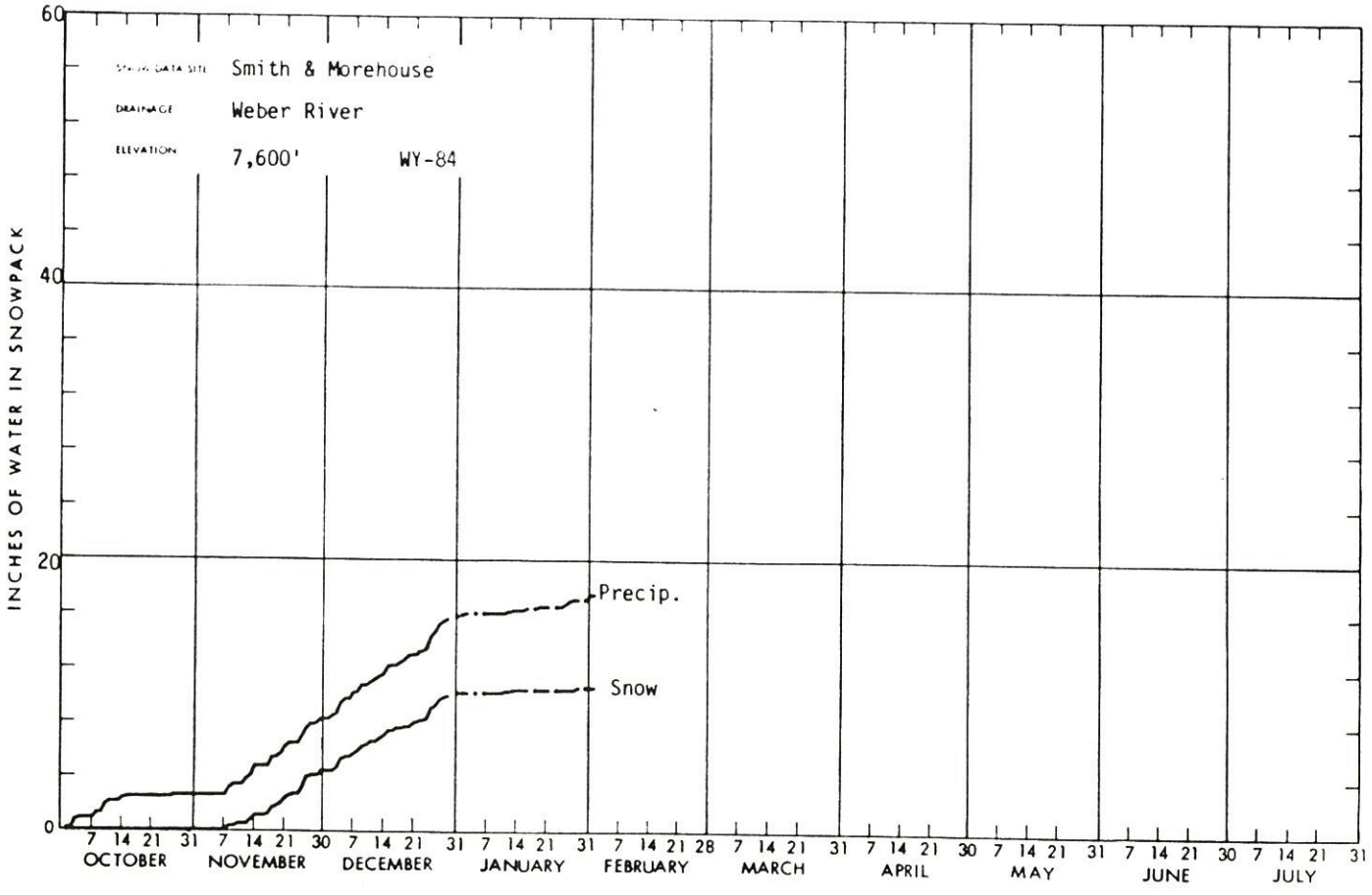
USDA-SCS-PORTLAND, OR. 1977 M7-0-21027 0

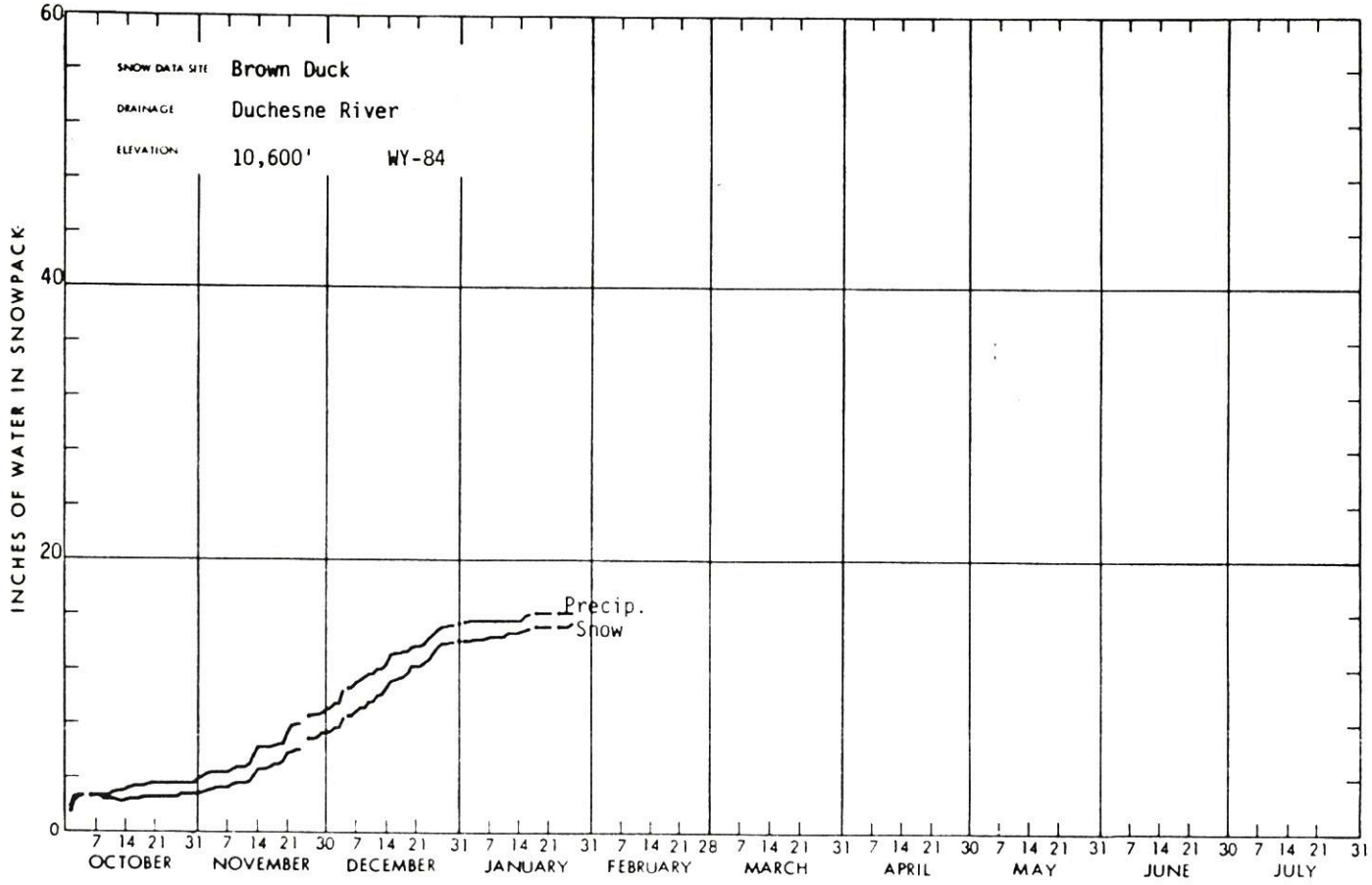
+ 1958-1972 period.

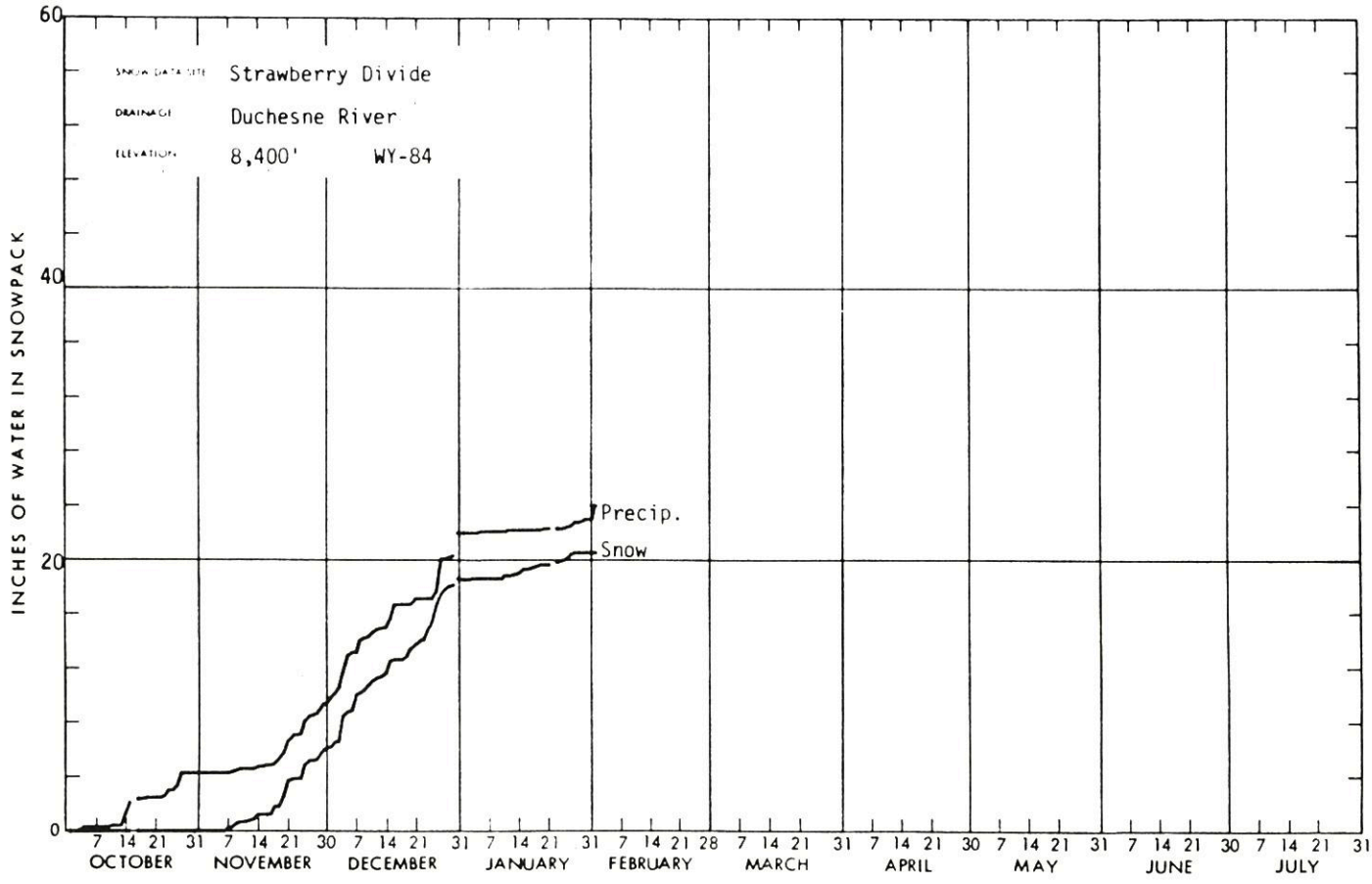

SNOW DATA SITE Franklin Basin
DRAINAGE Lower Bear River
ELEVATION 8,000' WY-84
INCHES OF WATER IN SNOWPACK
60
40
20
0
Precip.
Snow
7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 31 7 14 21 28 7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 30 7 14 21 31
OCTOBER NOVEMBER DECEMBER JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY

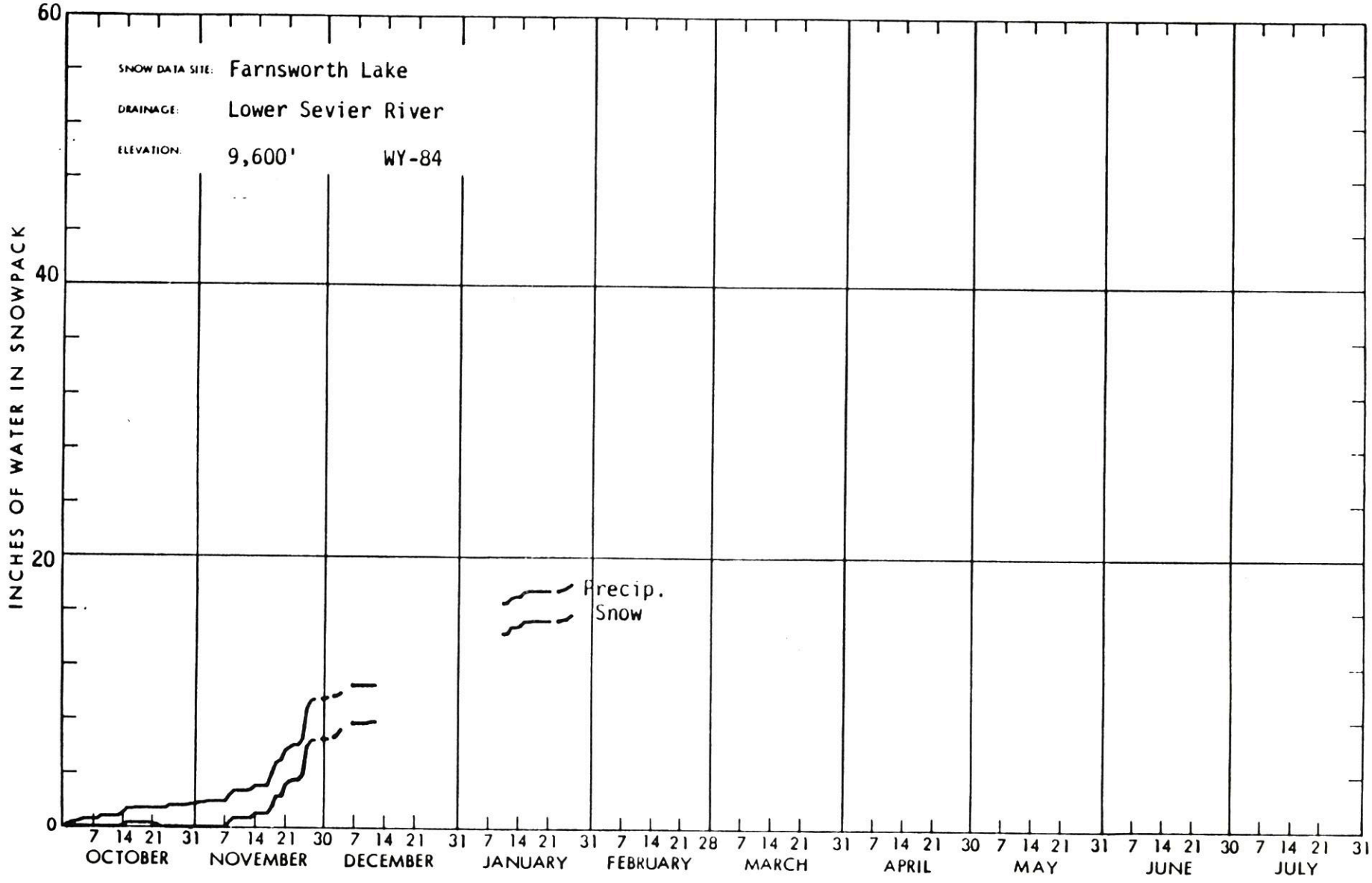

SNOW DATA SITE Chalk Creek #2
DRAINAGE Weber River
ELEVATION 8,200' WY-84
INCHES OF WATER IN SNOWPACK
60
40
20
0
Precip.
Snow
7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 31 7 14 21 28 7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 30 7 14 21 31
OCTOBER NOVEMBER DECEMBER JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY

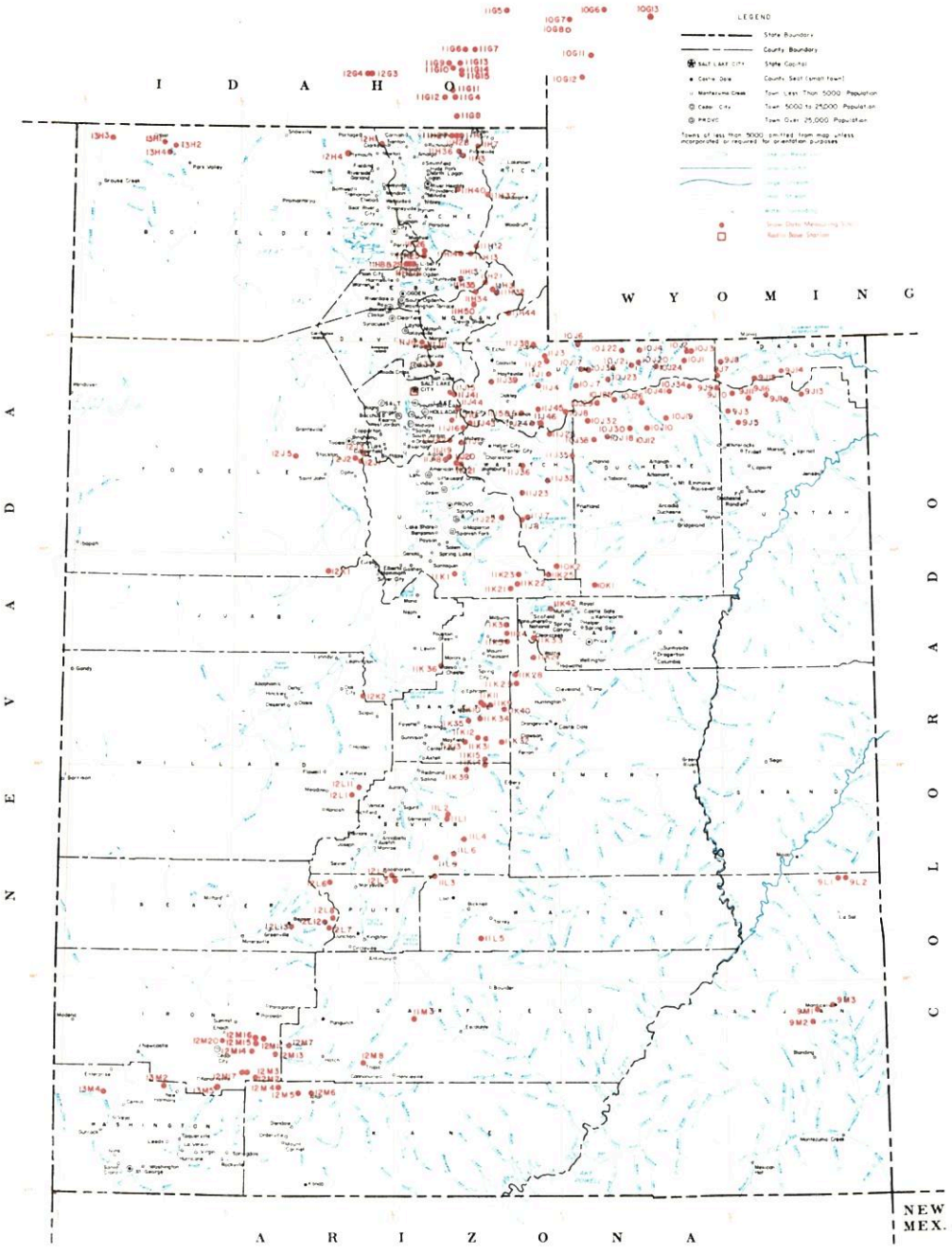

SNOW DATA SITE: Farmington (upper)
DRAINAGE: Weber River
ELEVATION: 8,000'
WY-84
SNOW
INCHES OF WATER IN SNOWPACK
0
20
40
60
7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 31 7 14 21 28 7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 30 7 14 21 31
OCTOBER
NOVEMBER
DECEMBER
JANUARY
FEBRUARY
MARCH
APRIL
MAY
JUNE
JULY


SNOW DATA SITE: Smith & Morehouse
DRAINAGE: Weber River
ELEVATION: 7,600'
WY-84
Precip.
Snow
INCHES OF WATER IN SNOWPACK
0
20
40
60
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 DATA SITE Brown Duck
DRAINAGE Duchesne River
ELEVATION 10,600' WY-84
INCHES OF WATER IN SNOWPACK
60
40
20
0
Precip.
Snow
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


Strawberry Divide
Duchesne River
8,400' WY-84
INCHES OF WATER IN SNOWPACK
60
40
20
0
Precip.
Snow
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 DATA SITE: Farnsworth Lake
DRAINAGE: Lower Sevier River
ELEVATION: 9,600'
WY-84
INCHES OF WATER IN SNOWPACK
60
40
20
0
Precip.
Snow
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 COURSES AND RELATED DATA MEASURING SITES

UTAH

1983

ALBERS EQUAL AREA PROJECTION

INDEX TO UTAH, BEAR & UPPER COLORADO RIVER BASINS

GREAT BASIN DRAINAGE

Number	State	Name	Section	Township	Range	Elevation
		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
10J7PST	U	Hayden Fork	25	1N	9E	9,400
10G12PST	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
10G8PST	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
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
11G6PST	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 No. 1	7	14N	3E	8,500
11H28	U	Steep Hollow No. 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	VirPont	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
11H30PST	U	Ben Lomond Trail	2	7N	1W	6,000
11H35p	U	Causey Dam	34	7N	3E	5,500
11H13MPST	U	Dry Bread Pond	19	8N	4E	8,350
11H34p	U	Guilder's Peak	21	6N	4E	8,050
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 No. 1	4	1N	8E	9,100
11J2MPST	U	Chalk Creek No. 2	29	2N	8E	8,200
11J3MP	U	Chalk Creek No. 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
11J43P	U	Park City Summit	30	2S	4E	9,300
11J15PST	U	Parley's Canyon Summit	5	1S	3E	7,500
11H50P	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
11J39pa	U	Sergeant Lakes	9	1N	6E	8,300
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 No. 1	18	11S	6E	9,200
11K22PST	U	Clear Creek Ridge No. 2	9	11S	6E	8,000
11K23	U	Clear Creek Ridge No. 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
11K1P	U	Payson R. S.	30	10S	3E	8,050
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
12J2	U	Bevan's Cabin	24	4S	4W	6,450
12J5P	U	Deseret Peak	15	4S	7W	9,250
11J41P	U	Lamb's Canyon No. 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
12J1PST	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
12M5PST	U	Harris Flat	24	38S	7W	7,700
11L9p	U	High-Top Mountain	36	25S	1E	11,400
12L6PST	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
12L5	U	Squaw Springs	3	27S	2W	9,300
		LOWER SEVIER RIVER (including San Pitch River)				
11K13PST	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
11K35U	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 Pines	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

Number	State	Name	Section	Township	Range	Elevation
		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. - E. 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
9J1PST	U	King's Cabin (upper)	22	1S	21E	8,730
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
10J41ap	U	Atwood Lake	13	4N	4W	10,840
10J30PST	U	Brown Duck Ridge	8	2N	6W	10,600
9J9PST	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
10J26PST	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
10J25PST	U	Lakefork Basin	13	4N	7W	11,100
10J10PST	U	Lakefork Mountain	2 & 3	2N	5W	10,200
10J12	U	Lakefork Mountain No. 3	20	2N	4W	8,400
10J29PST	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
10J18PST	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				
11K42P	U	Dry Valley Divide Alternate	14	11S	7E	8,100
11K33MP	U	Mud Creek	4	14S	7E	8,600
10K2MPST	U	White River No. 1	11	10S	8E	8,550
11K25	U	White River No. 3	30	10S	8E	7,400
		SAN RAFAEL RIVER				
11K31PST	U	Buck Flat	23	19S	4E	9,400
11K4	U	Gooseberry Reservoir	25	13S	5E	8,700
11K5P	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
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	24	20S	4E	9,200
11K15PST	U	Dill's Camp	27	20S	4E	9,200
		FREMONT RIVER				
11L4PST	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
9L2PSTT	U	LaSal Mountain (Upper)	3	27S	24E	9,850
9M3	U	Monticello Park	25	33S	23E	7,050
		ESCALANTE RIVER				
11M3PST	U	Widtsoe-Escalante No. 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.
10J2p Storage Precipitation Gage Only.
10J7PS Snow Course, Precipitation Gage, Snow Pillow and Temperature.
10J7PST Snotel Data Site.

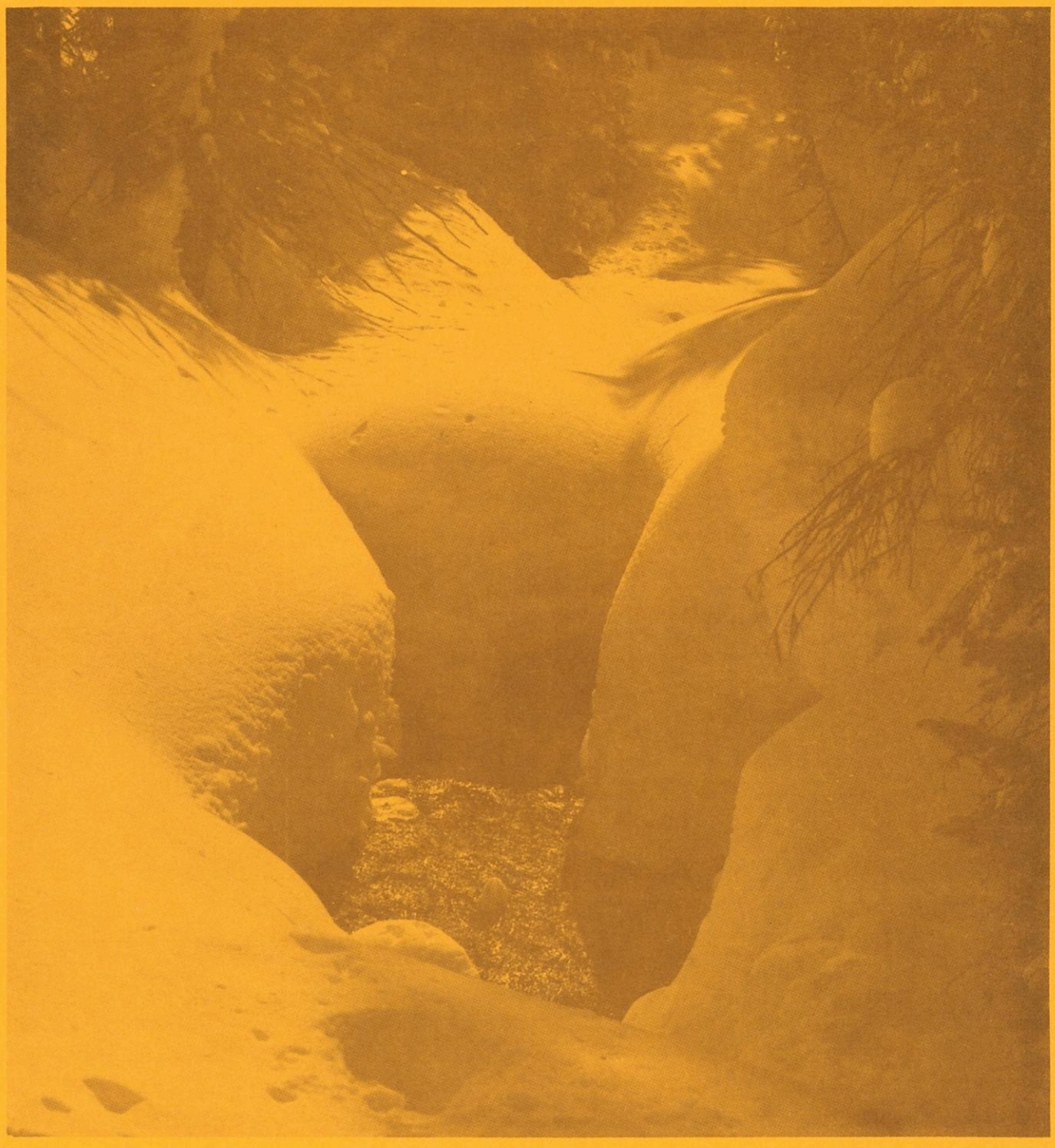
United States
Department of
Agriculture

Soil
Conservation
Service

Salt Lake City
Utah

WATER SUPPLY OUTLOOK FOR UTAH

in Cooperation with Utah State Department of Natural Resources



March 1, 1984

WATER SUPPLY OUTLOOK FOR UTAH

and

FEDERAL-STATE-PRIVATE COOPERATIVE SNOW SURVEYS

Issued by

PETER C. MYERS
CHIEF
SOIL CONSERVATION SERVICE
WASHINGTON, D.C.

Released by

FRANCIS T. HOLT
STATE CONSERVATIONIST
SOIL CONSERVATION SERVICE
SALT LAKE CITY, UTAH

In Cooperation with

UTAH STATE DEPARTMENT OF NATURAL RESOURCES

DEE C. HANSEN
State Engineer
Division of Water Rights

DANIEL F. LAWRENCE
Director
Division of Water Resources

Report prepared by Snow Survey Staff

BOB L. WHALEY, Supervisor

Soil Conservation Service
125 So. State, Fed. Bldg.
P.O. Box 11350
Salt Lake City, Utah 84147

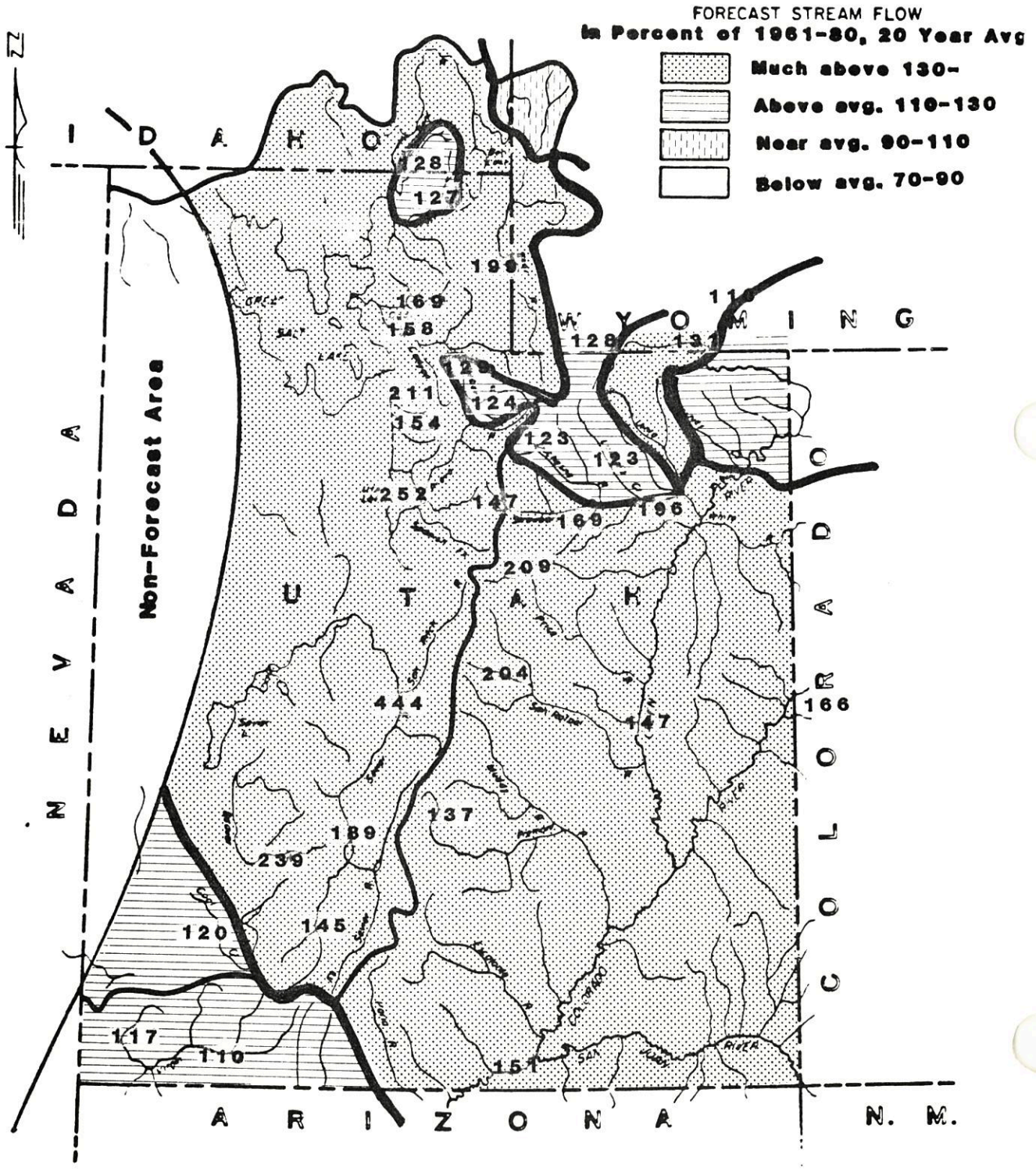
PROSPECTIVE WATER SUPPLIES

Based on Snow Surveys Made on
UTAH and BEAR RIVER WATERSHEDS

March 1, 1984

Approximate Date

50 0 50 100
SCALE IN MILES



USDA SCS PORTLAND, OREG. 1110 M-2153

As of March 1, 1984

* Utah's 1984 Water Supply Outlook ranges from near average to well above average. Snow cover varies from half average in the south western corner to almost twice average in the center of the state. Watershed soils are generally wetter than last year and reservoir storage is above average. Streamflow forecasts generally dropped 5 - 15%.

SNOW COVER

Snow measurements statewide show a near average increase during February and now range from 49% of average in the Enterprise - New Harmony area to 194% on the upper Fremont River. A heavy snow increase was experienced in a band going through Fillmore to Salina and Loa. Snow Courses in this area picked up a 7 to 8 inch increase for the month. Basin snow cover percentages are as follows: Bear 134%, Logan 128%, Ogden 164%, Weber 138%, Provo - Utah Lake 124%, Duchesne 115%, Price 139%, San Rafael 164%, Fremont 194%, Upper Sevier 88%, Lower Sevier 168%, Beaver 157%, Coal Creek 90%, and Virgin River 74% of the March 1 average.

PRECIPITATION

Precipitation at mountain stations generally ranged from 10 to 15% of average at some stations on the Bear and Black's Fork to 600% at some stations near Fish Lake.

SOIL MOISTURE

Watershed soils moisture is generally above average and wetter than last year except along the southern part of the state.

RESERVOIR STORAGE

Reservoir storage in 27 of Utah's key irrigation structures is 137% of average and 87% of useable capacity. Many reservoirs have been releasing water to provide space for spring runoff.

(More)

STREAMFLOW FORECASTS

Streamflow forecasts have generally dropped from 5 to 20% except on the lower Sevier where they increased as much as 20 to 135% of average.

Forecasts by basin are as follows: Bear, 100% on Smith's Fork to 211% on Big Creek; Ogden, 145% on South Fork to 169% for Pineview Inflow. Weber, 124% at Oakley to 212% for East Canyon Creek; Provo - Utah Lake, 147% for Strawberry Inflow to 252% for Utah Lake Inflow; Jordan River, 139% for Little Cottonwood to 257% for Emigration Creek; Duchesne, 111% for Rock Creek to 196% for the Duchesne at Myton; Price - San Rafael - Muddy, 184% for the Muddy to 221% for the Price at Heiner; Sevier, 145% at Hatch to 673% for the Sigurd to Gunnison reach; Beaver, 239% near Beaver to 393% for Minersville Inflow; Virgin River 110%, and Coal Creek 120%.

The Colorado River is forecast 166% at Cisco and 151% at Lake Powell, Green River is forecast 116% at Flaming Gorge fand 147% at Green River.

The potential for high peak flows exists on the Lower Sevier, San Pitch, San Rafael, Price, Beaver, and around Utah Lake and Jordan Rivers.

The Great Salt Lake is expected to peak at 4208.5 feet and Utah Lake 5.5 feet above compromise, the highest ever recorded. Property owners should take precautions to protect property near these lakes.

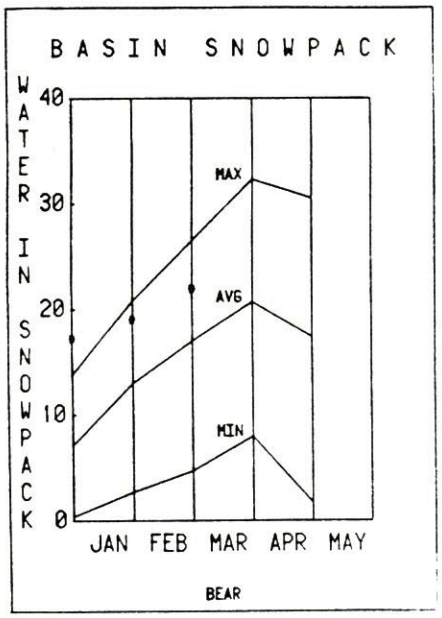
The above forecasts assume normal precipitation and temperatures during the snowmelt season.

RESERVOIR STORAGE (Thousand Acre Feet) END OF MONTH

Basin or Stream	RESERVOIR	Usable Capacity	Usable Storage		
			This Year	Last Year	Average+
GREAT BASIN					
Bear River	Bear Lake	1421.0	1077.9	1114.1	979.6
	Woodruff Narrows	55.8	55.4	35.1	--
	Woodruff Creek	3.5	3.5	3.5	--
Beaver River	Minersville (RkyFd)	26.0	22.5	24.6	12.9
Little Bear	Hyrum	15.3	10.4	10.3	10.8
	Porcupine	11.3	5.0	4.2	3.7[b]
Ogden	Causey	6.9	1.4	1.1	2.3[b]
	Pineview	110.1	21.3	58.2	48.7[b]
Provo	Deer Creek	149.7	123.7	109.1	95.5
Settlement Creek	Settlement Creek	1.2		1.0	0.7[b]
	Vernon Creek	0.6	0.6	0.5	0.5[b]
Sevier River	Gunnison	18.2	13.8	17.0	14.0[b]
	Otter Creek	52.5	49.0	50.6	31.2
	Piute	71.8	57.1	56.0	41.5
	Sevier Bridge	236.0	208.0	234.0	119.6
	Panguitch Lake	22.3	20.6	20.5[a]	--
Spanish Fork	Strawberry	270.0	270.0	252.7	142.4
Utah Lake	Utah Lake	883.9	1201.8	1096.7	689.4
Weber	East Canyon	48.1	20.0	40.2	35.6[b]
	Echo	73.9	24.8	50.0	49.5
	Lost Creek	20.0	4.4	14.1	13.4[b]
	Rockport	60.9	27.7	46.9	30.2
	Willard Bay	193.3	121.7	155.5	144.7[b]
COLORADO RIVER BASIN					
Ashley Creek	Steinaker	33.3	26.0	32.6	21.1[b]
	Red Fleet	26.0	18.1	21.0	--
Colorado	Blue Mesa	829.5	375.0	478.4	--
	Lake Powell	25002.0	21478.0	22231.0	--
Green	Flaming Gorge	3749.0	3151.0	3167.0	--
Lakefork	Moon Lake	35.8	29.1	31.0	16.8
Price River	Scofield	65.8	49.8	48.2	32.2
San Juan	Navajo	1696.0	1352.0	1344.5	--
	Ken's Lake	2.3	1.6	1.0	--
San Rafael	Huntington North	3.9	2.8	3.7	3.0[b]
	Joe's Valley	54.6	49.1	47.4	44.6[b]
	Mill Site	16.7	13.5	13.1	4.0b
Strawberry	Currant Creek		5.1	--	--
	Starvation	165.3	95.1	121.4	112.1[b]
	Soldier Creek	951.4	61.0	46.4	--
Uintah	Bottle Hollow	11.3	11.0	11.1	10.2[b]

a - Partly estimated
b - Average of past record in average period - less than 20 years
+ - 1961-80 20 year average period

SCS-PORTLAND, OREG. 1980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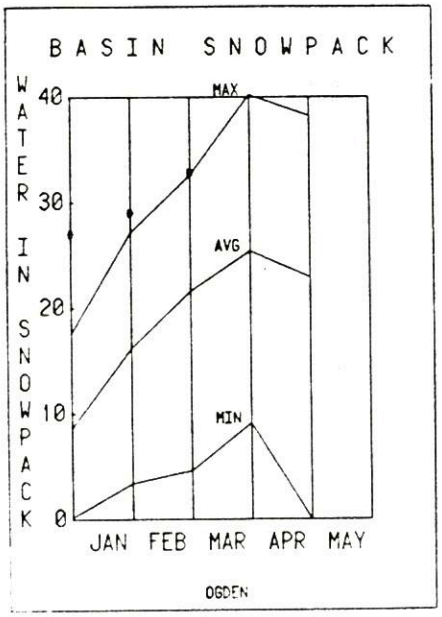
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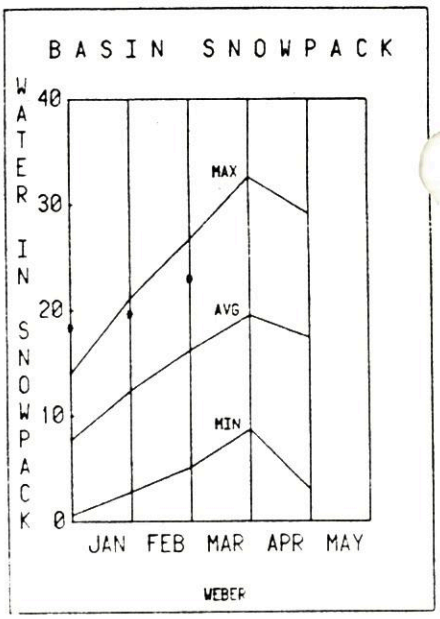
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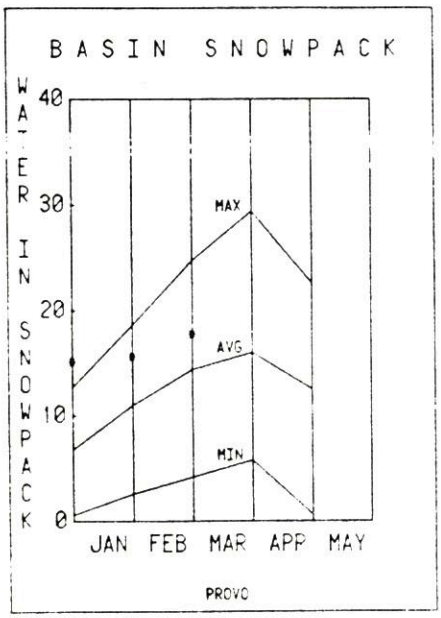
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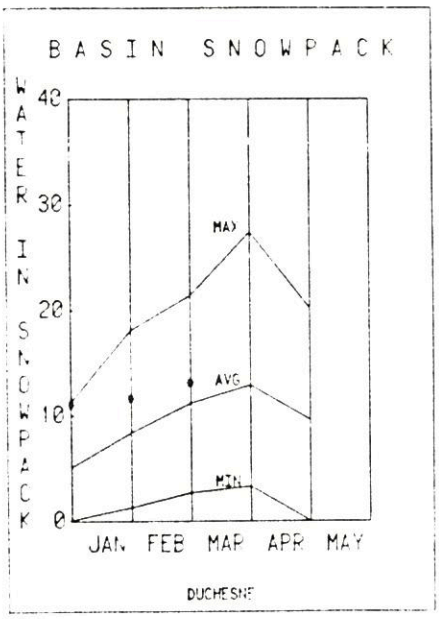
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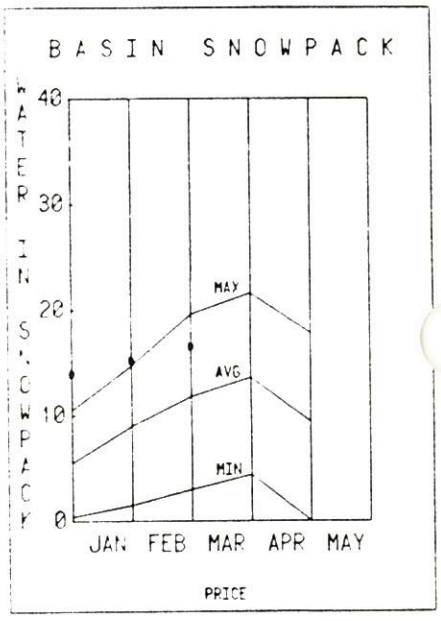
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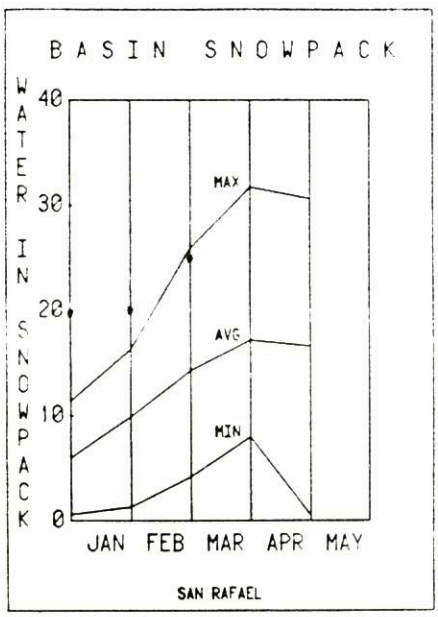
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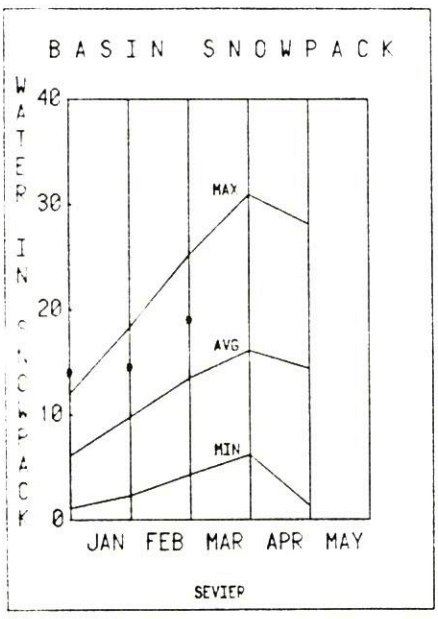
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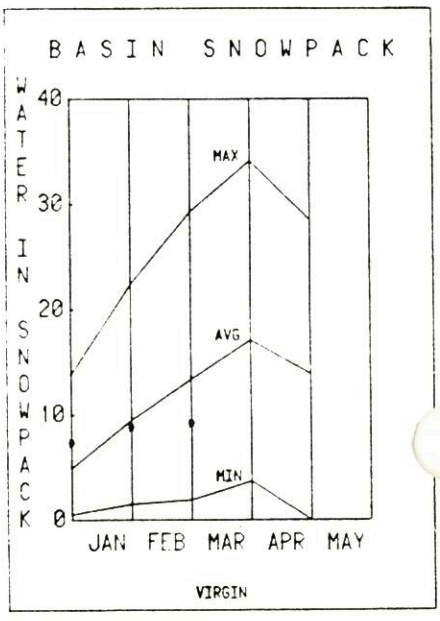
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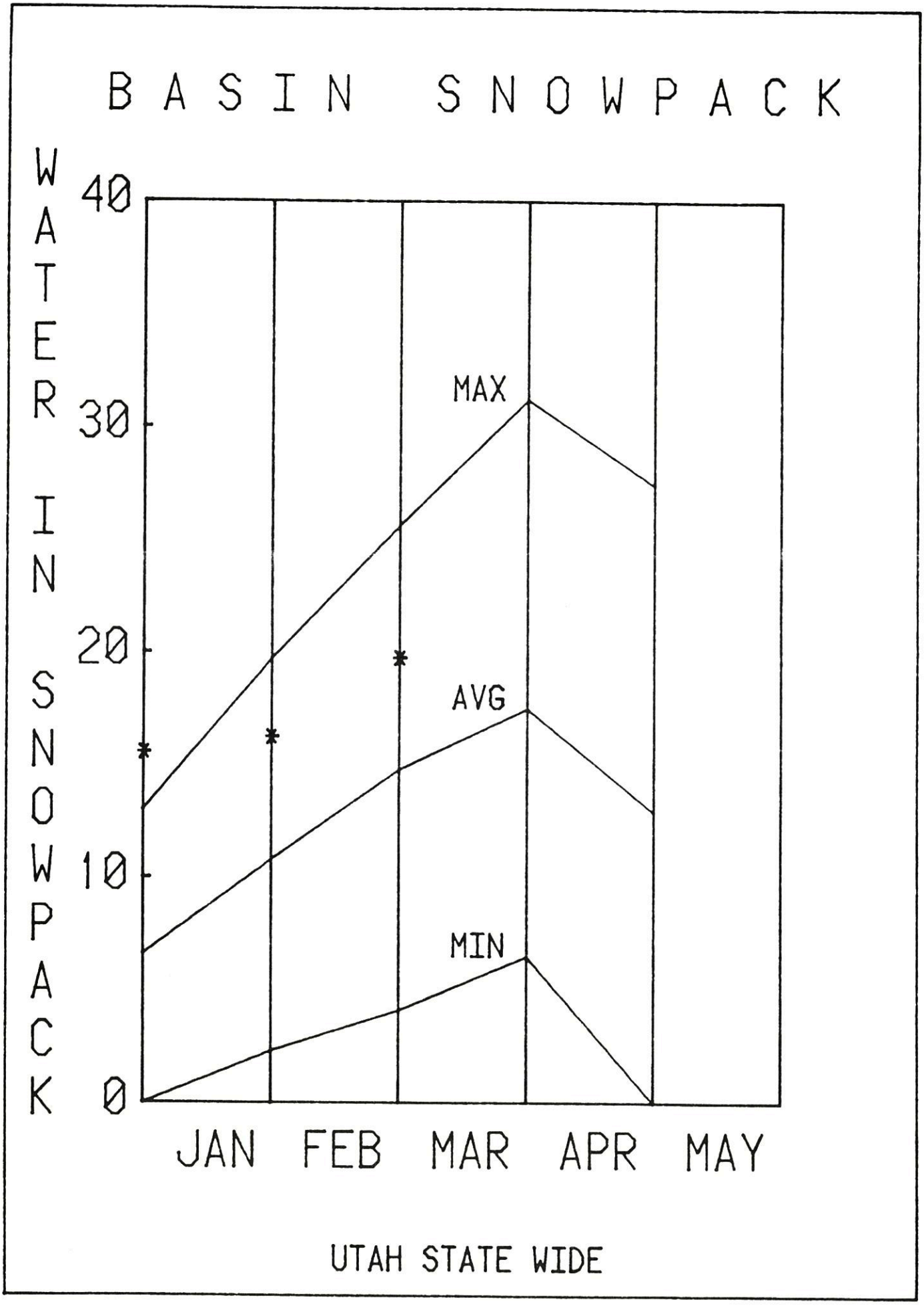
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WATER SUPPLY OUTLOOK
BEAR RIVER BASIN in UTAH

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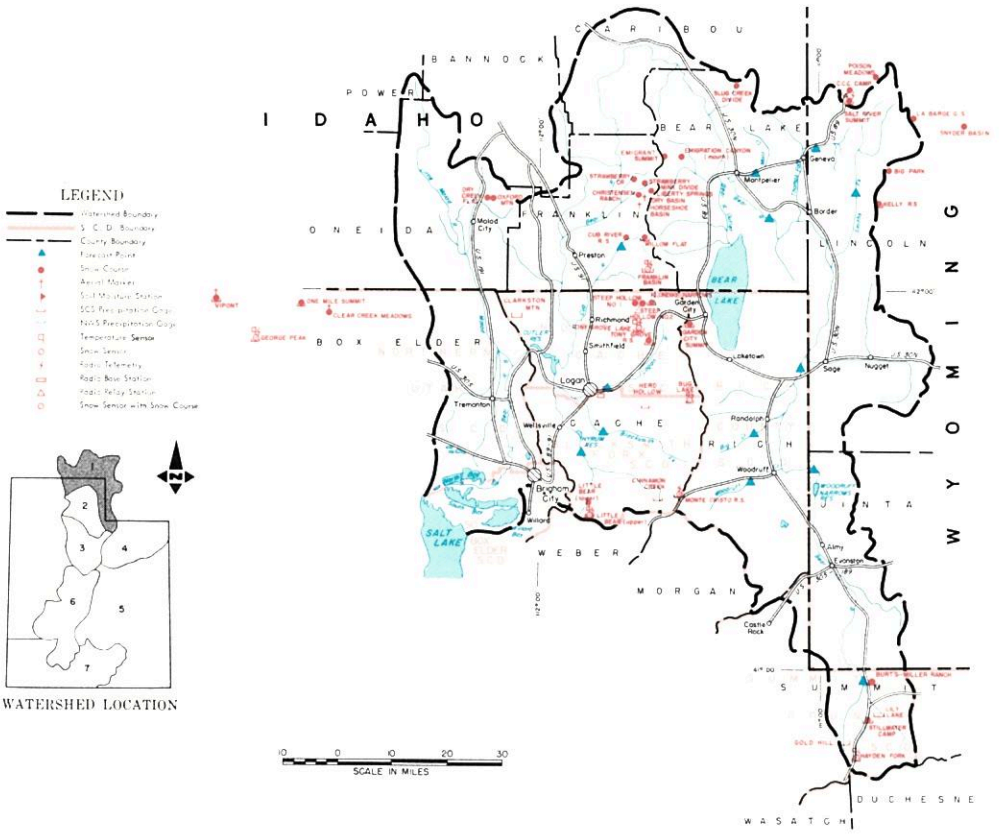
UTAH STATE DEPARTMENT OF NATURAL RESOURCES



MARCH 1, 1984

THE WATER SUPPLY OUTLOOK IS ABOVE AVERAGE

SNOW COVER ranges from 113% on the Upper Bear to 139% on the Lower Bear. Logan River snow cover is 128% and Raft River Mountains 131% of the March 1 average.

PRECIPITATION at mountain stations ranged from 13% at Bug Lake to 104% at Tony Grove Lake. Most stations were 30 to 60% of the February average.

SOIL MOISTURE is well above average.

RESERVOIR STORAGE is a little above average in Bear Lake but less than last year at this time. Woodruff Creek is full and Woodruff Narrows almost full. Hyrum and Porcupine have about their usual storage for this time of year.

STREAMFLOW FORECASTS now range from 100% of average for Smith's Fork to 211% for Big Creek The Bear River is forecast 152% at the Utah-Wyoming state line, 199% at Woodruff, 205% near Randolph, and 145% at Harer, Idaho. Thomas Fork is forecast 106%, Cub River 128%, Logan River 127%, Blacksmith Fork 156%, and Little Bear 151% of average.

Peak flows are expected to range from near average on Smith's Fork to about twice average on Big Creek. Precautions should be taken to protect property near streams with higher forecasts. All water users are expected to have adequate or better water supplies this season.

USDA-SCS-PORTLAND, OR. 1980 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 3	PAST RECORD THOUSAND ACRE FEET Average +
BEAR RIVER					
Bear nr UT-Wyo. State Line	167	152	Apr-July	164	110
Bear nr Woodruff 1/	277	199	Apr-July	275	139
Woodruff Crk nr Woodruff, UT	26	150	Apr-July	30	17.3[b]
Big Creek nr Randolph, UT	11.2	211	Apr-July	--	5.3[b]
Bear nr Randolph 1/	225	205	Apr-July	294	110
Thomas Fork nr ID-WY State Ln	37	106	Apr-Sept	--	35
Smith's Fork nr Border, WY	119	100	Apr-Sept	--	119
Bear at Harer, Idaho 1/	450	145	Apr-Sept	688	310
Logan nr Logan 1/	147	127	Apr-July	167	116
Blacksmith Fork nr Hyrum	80	156	Apr-July	87	51
Little Bear nr Paradise	57	151	Apr-June	80	38
Cub River nr Preston, ID	60	128	Apr-July	--	47

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	144	134
UPPER BEAR RIVER	7	142	113
LOWER BEAR RIVER	25	144	139
LOGAN RIVER	7	148	128
RAFT RIVER	4	94	131

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
a - Partly estimated
b - Average of all past record - less than 20 years
e - Maximum mean daily peak flow
+ - 1961-80 20 year Average Period
* - Forecast in cooperation with National Weather Service

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	1077.9	1114.1	979.6
	Woodruff Narrows	55.8	55.4	35.1	--
	Woodruff Creek	3.5	3.5	3.5	--
LITTLE BEAR	Hyrum	15.3	10.4	10.3	10.8
	Porcupine	11.3	5.0	4.2	3.7[b]

PEAK FLOWS e

FORECAST POINT	PEAK FLOW (SECOND FEET) Forecast Range	PEAK FLOW (SECOND FEET) Average +
Bear nr. Ut.-Wyo. Stateline	2120-2490	1506
Woodruff Creek nr Woodruff	310-450	253
Big Creek nr Randolph	80-120	48[b]
Logan River nr Logan	1010-1300	980
Little Bear nr Paradise	630-950	519

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	3/1	21	4.7	3.6	4.7[a]
Cub River R.S.	2/29	47	14.5	8.3	8.6
Emigrant Summit	3/1	81	29.3	22.4	21.9
Franklin Basin	3/2	73	26.7	18.8	21.7[a]
Hayden Fork	3/2	46	15.9	10.3	13.4[a]
Klondike Narrows	3/2	59	22.9	14.2	17.5

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 +
Little Bear Lower	2/22	46	14.6	9.7	9.3
Little Bear Upper	2/22	53	18.0	11.2	11.0
Monte Cristo	3/1	66	26.2	17.7	22.
Salt River Summit	2/27	50	13.9	10.6	14.
Stillwater Camp	3/1	35	9.9	7.5	8.
Tony Grove R.S.	3/1	51	16.8	10.8	11.1

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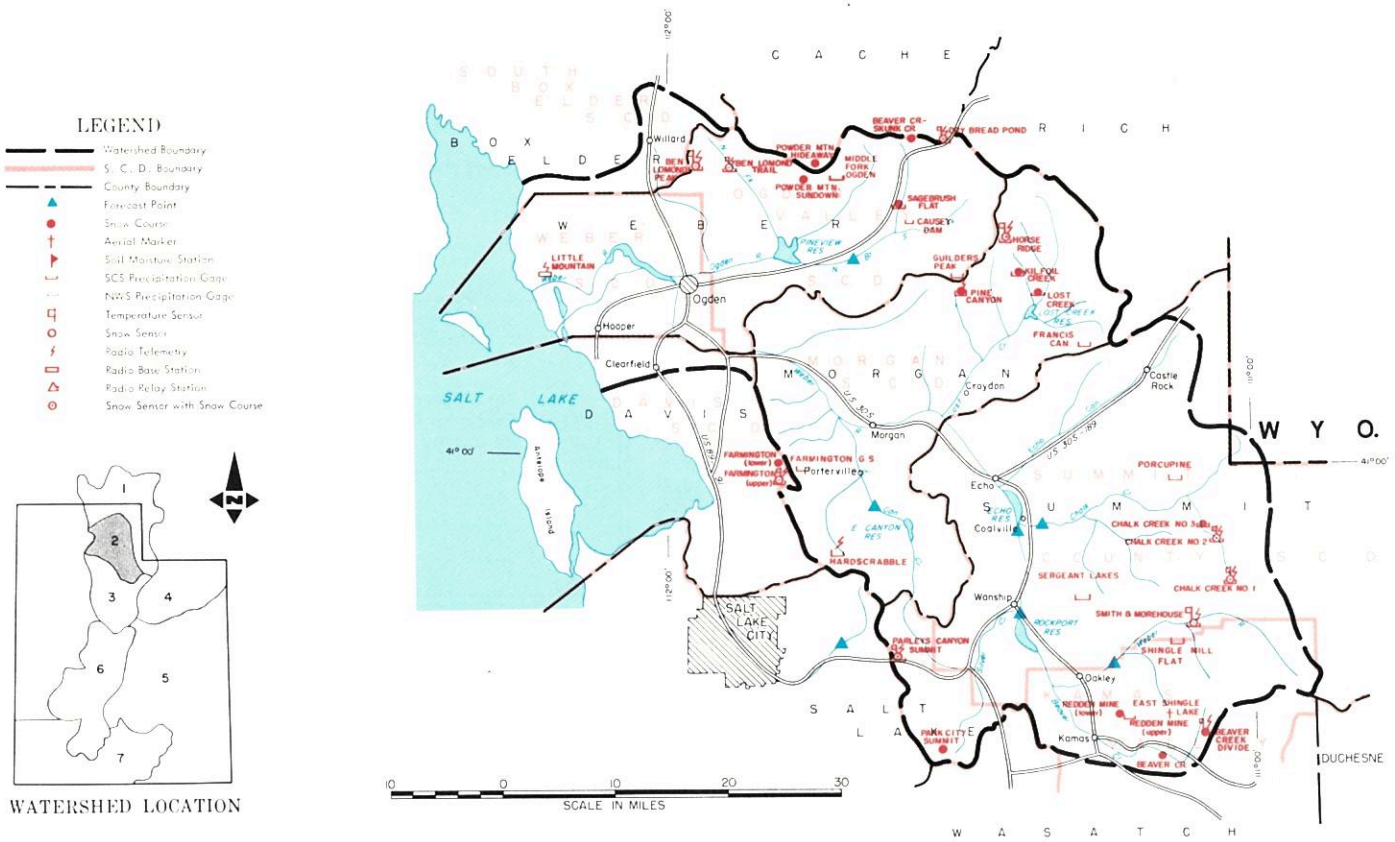
WATER SUPPLY OUTLOOK

WEBER-OGDEN WATERSHEDS in UTAH

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



MARCH 1, 1984

THE WATER SUPPLY OUTLOOK IS ABOVE AVERAGE

SNOW COVER now ranges from 138% of the March 1 average on the Weber River to 164% on the Ogden Basin.

PRECIPITATION at mountain stations ranged from 46% of the February average at Causey Dam to 94% at Chalk Creek #2.

SOIL MOISTURE is above average and wetter than last year.

RESERVOIR STORAGE has been drawn down to make space for spring runoff and is now 60% of last year at this time and 68% of average.

STREAMFLOW FORECASTS have been reduced as much as 13% after below average increases to the snow pack and now range from 124% at Oakley to 212% for East Canyon Creek. Other forecasts are as follows: Rockport Inflow 129%, Chalk Creek 167%, Echo Inflow 145%, Weber at Gateway 158% and Lost Creek 199% of the April-June average. The Ogden River is forecast 153% for the South Fork and 169% for Pineview Inflow. Hardscrabble Creek is forecast 155% and Farmington Creek 187% of average.

Peak flows are expected to be 20 to 70% above average in this area and precautions should again be taken to protect property along stream channels.

All water users are expected to have adequate water supplies this season.

USDA-SCS-PORTLAND, OR 1980 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	126	124	Apr-June	144	102
Rockport Reservoir Inflow 1/	143	129	Apr-June	164	111
Chalk Creek at Coalville	60	167	Apr-June	67	36
Weber nr Coalville 1/	154	129	Apr-June	187	119
Lost Creek nr Croydon, UT 1/	31	199	Apr-June	37	15.6[a]
East Canyon Creek nr Morgan 1/	53	212	Apr-June	53	25
Hardscrabble Crk nr Portervill	29	155	Apr-June	--	18.4[a]
S. Fork Ogden nr Huntsville1/	87	153	Apr-June	96	57[a]
Pineview Reservoir Inflow 1/	194	169	Apr-June	207	115[a]
Echo Reservoir Inflow 2/	210	145	Apr-June	227	145
Weber at Gateway 1/	473	158	Apr-June	574	300
JORDAN RIVER & SALT LAKE					
Farmington Crk nr Farmington	15.3	187	Apr-July	--	8.2[b]

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	158	164
WEBER RIVER	14	132	138

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e - Maximum mean daily peak flow
+ - 1961-80 20 year Average Period
* - Forecast in cooperation with National Weather Service

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	1.4	1.1	2.3[b]
	Pineview	110.1	21.3	58.2	48.7[b]
WEBER	East Canyon	48.1	20.0	40.2	35.6[b]
	Echo	73.9	24.8	50.0	49.5
	Lost Creek	20.0	4.4	14.1	13.4[b]
	Rockport	60.9	27.7	46.9	30.2
	Willard Bay	193.3	121.7	155.5	144.7[b]

PEAK FLOWS[e]

FORECAST POINT	PEAK FLOW (SECOND FEET) Forecast Range	PEAK FLOW (SECOND FEET) Average †
South Fork Ogden nr Huntsville	940-1300	763
Chalk Creek nr Coalville	690-1030	510
Weber nr Oakley	1620-2080	1540

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 †
Beaver Creek R.S.	2/28	33	10.5	6.9	7.8
Beaver Creek-Skunk Creek	3/1	42	16.3	9.8	11.2
Ben Lomond Peak	3/2	122	54.5	35.2	31.4[b]
Ben Lomond Trail	3/2	75	28.8	20.0	15.8[a]
Chalk Creek #1	3/2	61	23.1	17.7	18.1
Chalk Creek #2	3/2	46	14.5	10.8	12.2
Chalk Creek #3	3/2	28	8.0	6.3	6.7
Dry Bread Pond	3/1	57	22.1	13.0	16.2

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 †
Horse Ridge	3/1	65	25.8	16.1	18.9[b]
Lost Creek Reservoir	3/1	30	8.9	5.2	5.5[a]
Monte Cristo	3/1	66	26.2	17.7	22.1
Parleys Canyon Summit	2/29	66	23.1	15.3	15.
Sagebrush Flat	3/1	30	9.2	4.8	4.
Smith & Morehouse	3/2	41	13.8	11.0	11.4
Trial Lake	3/2	60	22.3	18.1	20.8

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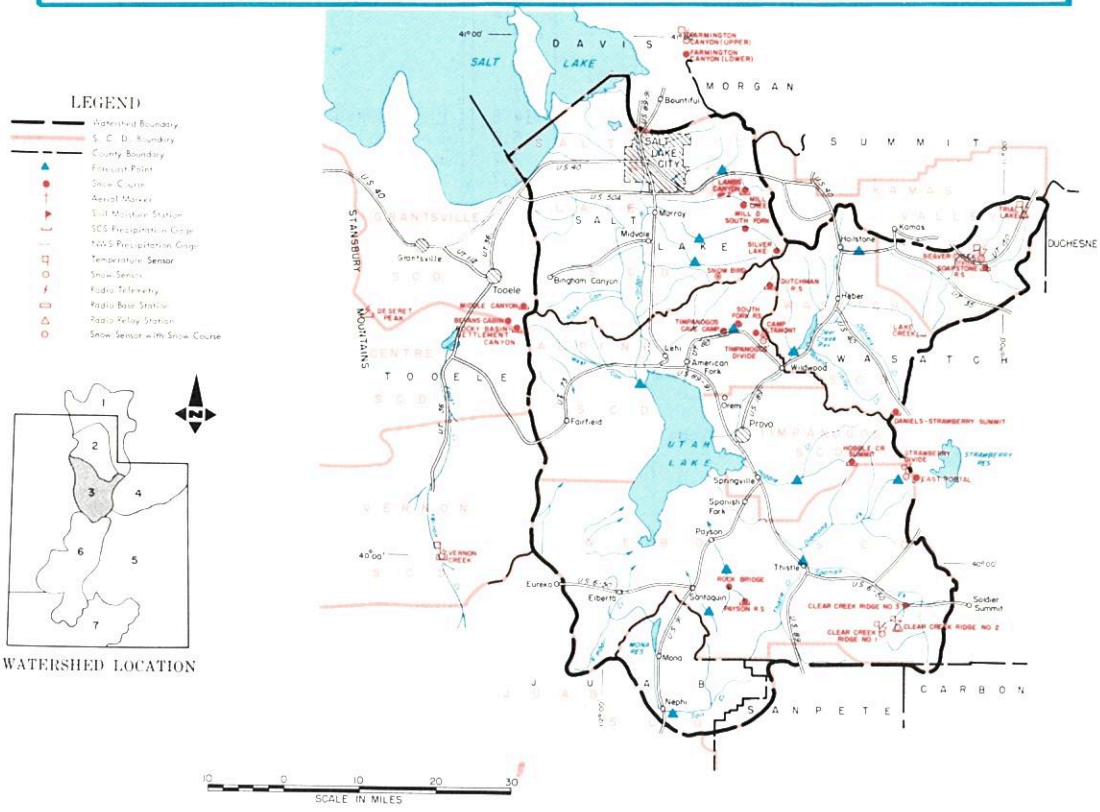
WATER SUPPLY OUTLOOK

UTAH LAKE, JORDAN RIVER and TOOELE VALLEY WATERSHEDS in UTAH

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



MARCH 1, 1984

THE WATER SUPPLY OUTLOOK IS WELL ABOVE AVERAGE

SNOW COVER now ranges from 110% on the Upper Provo River to 136% on the Jordon River Salt Lake Front. Utah Lake drainage is 124% of the March 1st average.

PRECIPITATION at mountain stations ranged from 44 to 76% of the February average.

SOIL MOISTURE is above average and wetter than last year.

RESERVOIR STORAGE is above average with Utah Lake now 3.2 feet above compromise and releasing as much as possible prior to spring runoff. Great Salt Lake is now 4206.70 feet above mean sea level, 4.25 feet higher than a year ago and 0.40 feet higher than on February 1st.

STREAMFLOW FORECASTS now range from 139% for Little Cottonwood Creek to 257% on Emigration Creek. Provo River is forecast 156% at Hailstone and 192% below Deer Creek Dam. American Fork is forecast 161%, Hobble Creek 237%, Spanish Fork 225%, Payson Creek 185%, and Utah Lake Inflow 252% of the April-July average. Streams along the Salt Lake Front are forecast as follows: Big Cottonwood 154%, Mill Creek 203%, Parleys 211%, and City Creek 179%. Tooele Valley streams range from 213% for Settlement Creek to 170% for South Willow Creek. Vernon Creek is forecast 179% of average. Peak flows are expected to range from near average on the Upper Provo to better than twice average on Spanish Fork. Precautions should be taken to protect property bordering on streams and lakes again this season. All water users are expected to have adequate water supplies this season.

M7-OL-22027-3
USDA SCS PORTLAND, OR 1981

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 3	PAST RECORD THOUSAND ACRE FEET Average †
PROVO RIVER AND UTAH LAKE					
Provo nr Hailstone 1/	165	156	Apr-July	160	106
Provo below Deer Creek Dam1/	230	192	Apr-July	--	118
American Fork nr American Fk.	50	161	Apr-July	--	31
Hobble Creek nr Springville	41	237	Apr-July	--	18.7[b]
Strawberry Reservoir Inflow1/	78	147	Apr-July	147	53
Spanish Fork at Thistle	90	225	Apr-July	--	40
Payson Creek nr Payson	11.5	185	Apr-July	--	6.2
Utah Lake Inflow	600	252	Apr-July	--	238
JORDON RIVER & SALT LAKE					
Little Cottonwood Crk nr SLC	53	139	Apr-July	63	38
Big Cottonwood nr SLC	57	154	Apr-July	61	37
Parley's Creek nr SLC	31	211	Apr-July	42	14.8
Mill Creek nr SLC	12.0	203	Apr-July	13.6	5.8
Emigration Creek nr SLC	9.5	257	Apr-July	13.9	3.7
City Creek nr SLC	14.0	179	Apr-July	21.6	7.7
TOOELE VALLEY					
Settlement Crk nr Tooele	4.9	213	Apr-July	--	2.3[b]
S. Willow Crk nr Grantsville	5.1	170	Apr-July	4.3	3.0[b]
Vernon Creek nr Vernon	1.8	179	Mar-June	5.7[a]	1.0

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	120	124
JORDON RIVER & SALT LAKE	5	123	136

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b - Average of past record - less than 20 years
+ - 1961-80 20 year average period
e - Maximum mean daily peak flow
* - Forecast in cooperation with National Weather Service

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	270.0	252.7	142.4
UTAH LAKE	Utah Lake	883.9	1201.8	1096.7	689.4
	Settlement Creek	1.2		1.0	0.7[b]
	Vernon Creek	0.6	0.6	0.5	0.5[b]
PROVO	Deer Creek	149.7	123.7	109.1	95.5

PEAK FLOWS e

FORECAST POINT	PEAK FLOW (SECOND FEET) Forecast Range	PEAK FLOW (SECOND FEET) Average †
Big Cottonwood nr Salt Lake City	500-600	442
Little Cottonwood nr Salt Lake City	600-700	384
Provo Near Hailstone	2200-2500	2128
Spanish Fork nr Thistle	900-1100	451[b]
American Fork nr American Fork	500-600	329
Mill Creek nr Salt Lake City	85-100	59
Parley's Creek nr Salt Lake City	275-325	154
City Creek nr Salt Lake City	110-130	75
Emigration	110-130	--

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		Not Scheduled			
Clear Creek #1	2/27	58	21.1	15.1	16.3
Clear Creek #2	2/27	49	15.6	12.0	12.2
Clear Creek #3	2/27	35	10.5	8.0	7.5
Daniels-Strawberry Summit	2/28	47	15.8	14.6	12.9
Deseret Peak		Not Scheduled			
Hobble Creek Summit	2/23	55	19.0	14.0	12.8
Lambs Canyon #2	2/29	58	20.0	13.9	13.8[a]
Middle Canyon		Not Scheduled			
Mill Creek	2/27	66	21.9	17.7	16.1[a]

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	3/1	63	22.9	18.4	17.0
Parley's Canyon Summit	2/29	66	23.1	15.3	15.[illegible]
Payson R.S.	2/23	70	24.6	17.9	16
Rocky Basin-Settlement Canyon	3/1	105[a]	39.0[a]	--	20
Silver Lake Brighton	3/1	67	25.0	23.0	20.4
Soapstone R.S.	2/28	42	13.1	9.2	11.3
South Fork R.S.	2/29	38	12.0	12.9	6.1
Timpanogos Divide	2/29	59	19.8	26.1	22.1
Trial Lake	3/2	60	22.3	18.1	20.8
Vernon Creek	3/1	40[a]	14.9[a]	16.0	8.9[a]

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WATER SUPPLY OUTLOOK

UINTAH BASIN and DAGGETT SCD's in UTAH

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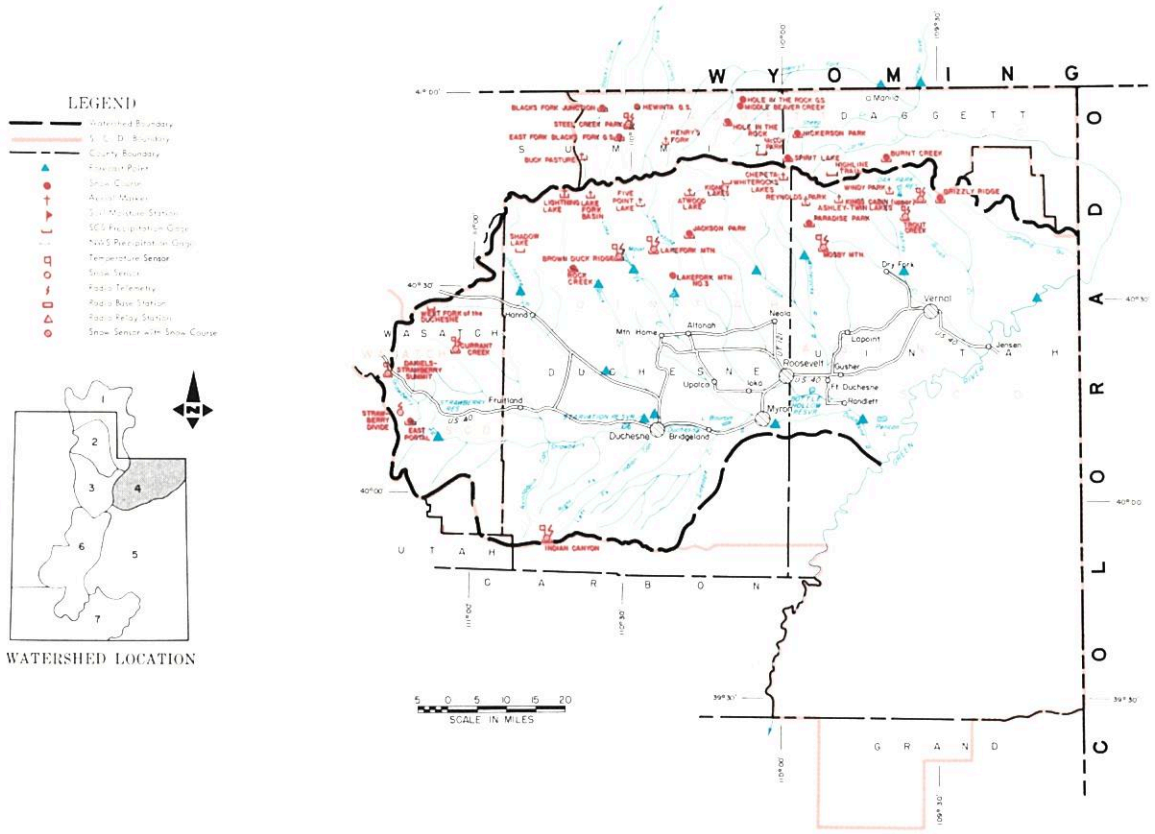

MARCH 1, 1984

THE WATER SUPPLY OUTLOOK IS ABOVE AVERAGE

SNOW COVER ranges from 101% of the March 1 average on Ashley Creek to 127% on Sheep Creek. Lakefork-Yellowstone Creeks are 108%, Uintah-Whiterocks 107%, Black's Fork 124%, and Strawberry River 116% of average.

PRECIPITATION at mountain sites ranged from 13% on the Black's Fork to 88% at Burnt Creek.

SOIL MOISTURE is above average and wetter than last year.

RESERVOIR STORAGE is generally above average except in Starvation which was drawn down earlier this winter and will fill from spring runoff.

STREAMFLOW FORECASTS range from 111% for Rock Creek to 196% for the Duchesne at Myton. The Duchesne is forecast 124% at Tabiona, 119% at Duchesne, and 189% at Randlett. Currant Creek is forecast 155%, Lakefork 123%, Yellowstone 120%, Uintah 136%, Whiterocks 140% and Ashley 120%. Henry's Fork is forecast 131%, Black's Fork 128% and Flaming Gorge Inflow 116% of the April-July average.

Peak flows are not expected to cause problems in this area except possibly on the Strawberry River which is forecast about 175% of average at 970-1390 cfs. Adequate water supplies are expected for all water users this year.

USDA-SCS-PORTLAND, OR 1980 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 3	PAST RECORD THOUSAND ACRE FEET Average +
DUCHESNE RIVER					
Duchesne nr Tabiona 1/	130	124	Apr-July	141	105
Duchesne at Duchesne 1/	224	119	Apr-July	290	189
Strawberry at Duchesne	98	169	Apr-July	185	58
Rock Creek nr Mtn. Home	103	111	Apr-July	--	93
Currant Creek nr Fruitland	31	155	Apr-July	54	20
Lakefork below Moon Lake 1/	86	123	Apr-July	--	70
Yellowstone nr Altonah	78	120	Apr-July	--	65
Duchesne at Myton 1/	402	196	Apr-July	--	205
Whiterocks nr Whiterock	81	140	Apr-July	97	58
Uintah nr Neola	117	136	Apr-July	--	86
Duchesne at Randlett 1/	485	189	Apr-July	--	257
West Fork Duchesne at Hanna	32	123	Apr-July	--	26
FLAMING GORGE TO DUCHESNE RIVER					
Henry's Fork nr Manila	63	131	Apr-Sept	162	48
Black's Fork nr Millburne	115	128	Apr-July	145	90
Flaming Gorge Inflow 1/	1450	116	Apr-July	--	1248
Ashley Creek nr Vernal	61	120	Apr-July	--	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	13	94	115
LAKEFORK-YELLOWSTONE CREEKS	4	93	108
STRAWBERRY RIVER	4	98	116
UINTAH - WHITEROCKS RIVERS	4	82	107
ASHLEY CREEK	3	77	101
BLACK'S FORK	4	142	124
SHEEP CREEK	3	127	127

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* - Forecast in cooperation with National Weather Service

RESERVOIR STORAGE (Thousand Acre Feet)

BASIN OR STREAM	RESERVOIR	Usable Capacity	USEABLE STORAGE This Year	USEABLE STORAGE Last Year	USEABLE STORAGE Average +
ASHLEY CREEK	Red Fleet	26.0	18.1	18.0	--
	Steinaker	33.3	26.0	23.9	21.1[b]
GREEN RIVER	Flaming Gorge	3749.0	3151.0	3309.8	--
LAKE FORK	Moon Lake	35.8	29.1	31.0	16.8
STRAWBERRY	Currant Creek	14.3	5.1	--	--
	Starvation	165.3	95.1	92.7	112.1[b]
	Soldier Creek	951.4	61.0	46.4	--
UINTAH	Bottle Hollow	11.3	11.0	11.1	10.2[b]

PEAK FLOWS [e]

FORECAST POINT	PEAK FLOW (SECOND FEET) Forecast Range	PEAK FLOW (SECOND FEET) Average +
Strawberry at Duchesne	970-1390	675
Ashley Creek nr Vernal	720-1220	966
Rock Creek nr. Mtn. Home	1480-1790	1415

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	2/29	60	19.5	18.8	15.8a
Burnt Creek	2/29	22	5.0	4.1	4.3[a]
Currant Creek	2/28	37	10.5	10.3	9.6[a]
Daniels-Strawberry	2/28	47	15.8	14.6	12.9
Grizzly Ridge	2/29	35	9.8	11.7	9.5[a]
Hewinta G. S.	3/1	34	9.8	7.4	7.5
Hickerson Park	3/1	30	8.7	5.3	5.4[b]
Jackson Park	2/29	44	11.9	13.6	11.8[a]
Kings Cabin Upper	3/1	36	9.4	11.6	8.5

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 +
Lakefork Mountain	2/29	36	9.8	11.0	9.5
Mosby Mountain	3/1	33	8.4	10.5	8.4
Paradise Park	2/29	41[a]	12.3[a]	16.1	10.9
Rock Creek Ranch	2/29	27	7.5	8.0	6.5
Spirit Lake	3/1	39	11.5	10.3	10.1
Steel Creek Park	3/2	51	15.9	12.3	13.1[b]
Strawberry Divide	2/28	64	23.0	19.8	16.8
Trout Creek	2/29	32	8.3	11.4	8.5[a]

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WATER SUPPLY OUTLOOK

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

UNITED STATES DEPARTMENT OF AGRICULTURE - SOIL CONSERVATION SERVICE
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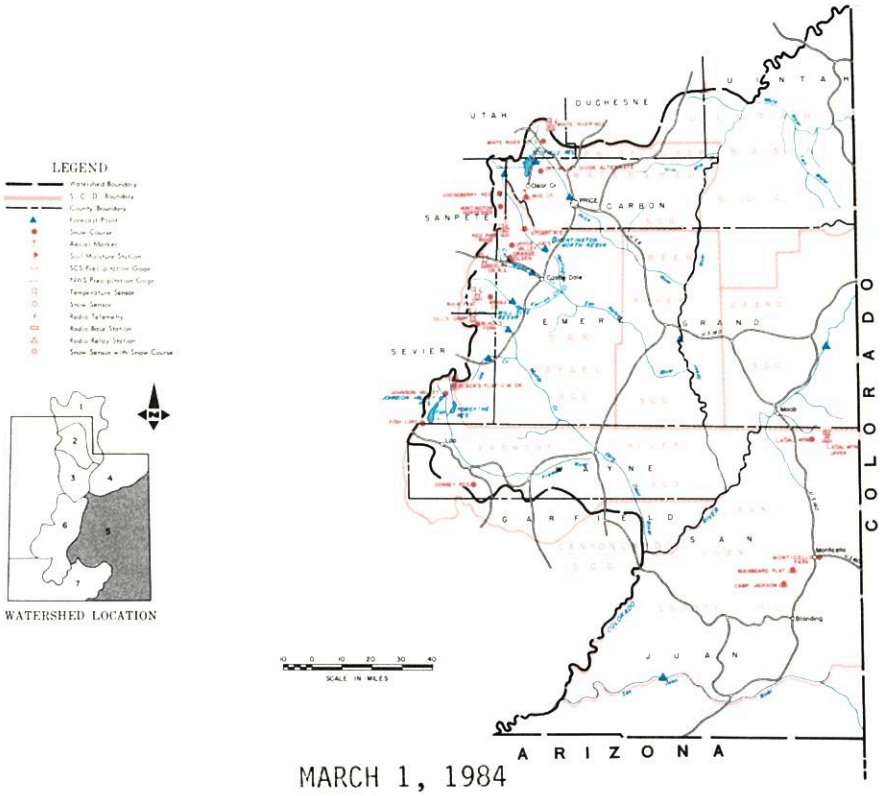

MARCH 1, 1984

THE WATER SUPPLY OUTLOOK IS WELL ABOVE AVERAGE

SNOW COVER ranges from 95% of the March 1 average on the Blue Mountains to 194% on the Fremont River. Price River snow cover is 139%, San Rafael 164%, Muddy 155%, and LaSal Mountains 133%.

PRECIPITATION at mountain stations ranged from about 1/4 average at Red Pine Ridge to over 6 times average at Fish Lake. February precipitation was very heavy on a band from Fillmore to the Fremont River drainage.

SOIL MOISTURE is above average except on the LaSal and Blue Mountains where it is near average.

RESERVOIR STORAGE is above average.

STREAMFLOW FORECASTS range from 133% for the San Juan near Bluff to 221% for the Price near Heiner. Scofield Inflow is forecast 209%, Huntington Creek 186%, Cottonwood 204%, Ferron 186%, Muddy 184% and Seven Mile 137%. The Colorado is forecast 166% at Cisco, the Green 147% at Green River and Mill Creek near Moab 164% of the April-July average.

Peak flows are expected to be 1 1/2 to twice average in this area and property near stream channels should be protected again this year. All water users are expected to have abundant water supplies this season.

USDA-SCS-FORT WORTH, TEXAS 1983 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 3	PAST RECORD THOUSAND ACRE FEET Average †
PRICE RIVER					
Gooseberry Crk nr Scofield	21	196	Apr-July	--	10.7
Scofield Reservoir Inflow	79	209	Apr-July	--	38
Price nr Heiner 1/	140	221	Apr-July	--	63
SAN RAFAEL RIVER					
Huntington Crk nr Huntington	91	186	Apr-July	--	49
Cottonwood Crk nr Orangeville	96	204	Apr-July	159	47[b]
Ferron Creek nr Ferron	69	186	Apr-July	75	37
MUDDY CREEK					
Muddy Creek nr Emery	34	184	Apr-July	44	18.5
UPPER COLORADO BASIN					
Colorado nr Cisco, UT	5070	166	Apr-July	--	3046
Green at Green River, UT	4450	147	Apr-July	--	3016
Mill Creek nr Moab	9.0	164	Apr-July	12.4	5.5[b]
Navajo Reservoir Inflow	850	117	Apr-July	--	684
San Juan nr Bluff, UT	1320	133	Apr-July	--	995
FREMONT RIVER					
Seven Mile Crk nr Fish Lake	8.9	137	Apr-July	28	6.5[b]

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	4	142	139
SAN RAFAEL RIVER	8	126	164
FREMONT RIVER	3	134	194
LASAL MOUNTAINS	2	92	133
BLUE MOUNTAINS	2	69	95
MUDDY RIVER	2	125	155

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
a - Partly estimated
b - Average of all past record - less than 20 years
e - Maximum mean daily peak flow
+ - 1961-80 20 year Average Period
* - Forecast in cooperation with National Weather Service

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	49.8	48.2	32.2
SAN RAFAEL	Huntington North	3.9	2.8	3.7	3.0[b]
	Joe's Valley	54.6	49.1	47.4	44.6[b]
	Mill Site	16.7	13.5	13.1	4.0[b]
SAN JUAN	Navajo	1696.0	1352.0	1344.5	--
	Kens Lake	2.3	1.6	1.0	--

PEAK FLOWS e

FORECAST POINT	PEAK FLOW (SECOND FEET) Forecast Range	PEAK FLOW (SECOND FEET) Average †
Ferron Creek near Ferron	710-860	422
Muddy Creek near Emery	230-360	154
Huntington Cr. near Huntington	1000-1200	850

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	2/26	64	22.8	17.7	14.4
Buckboard Flat	2/23	38	11.5	13.9	11.2
Camp Jackson	2/23	35	10.1	17.4	11.5
Dills Camp	2/26	48	15.1	13.0	10.6[a]
Dry Valley Divide Alternate	2/27	43	14.5	10.3	11.2[a]
Huntington-Horseshoe	2/27	78	31.8	28.0	19.9[a]
Indian Canyon	2/27	38	10.5	14.3	10.7
La Sal Mtn. Upper	2/22	56	17.2	19.5	12.4[b]
Mammoth-Cottonwood R.S.	2/27	73	27.8	21.7	18.1

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 †
Monticello City Park	2/24	5	1.6	0.0	2.4[a]
Mud Creek	2/27	53	17.1	11.4	11.8
Red Pine Ridge	2/27	69	24.0	17.6	14.7
Seeley Creek	2/27	75	28.2	19.3	13
White River #1	2/27	48	16.0	12.6	11
White River #3	2/27	35	12.3	7.8	7

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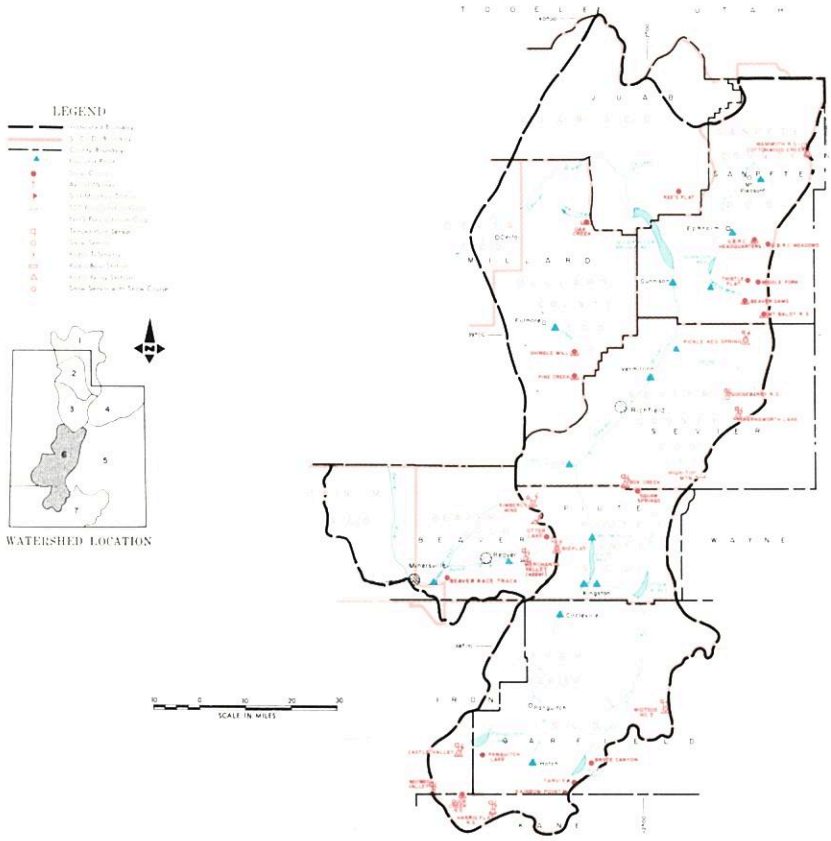
WATER SUPPLY OUTLOOK

SEVIER RIVER BASIN including BEAVER RIVER in UTAH

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



MARCH 1, 1984

THE WATER SUPPLY OUTLOOK IS WELL ABOVE AVERAGE

SNOW COVER as a percent of the March 1 average now ranges from 88% on the South Fork of the Sevier to 168% on the Lower Sevier. The East Fork of the Sevier is now 130% and the Beaver River is 157%.

PRECIPITATION at mountain stations was quite variable during February ranging from 43% of average at Duck Creek Ranger Station on the Upper Sevier to 217% of average at Shingle Mill on Chalk Creek above Fillmore.

SOIL MOISTURE levels are greater than normal on the Lower Sevier but near normal on the Upper Sevier.

RESERVOIR STORAGE is above average in most reservoirs with most releasing water in anticipation of heavy runoff.

STREAMFLOW FORECASTS reflect the variability in precipitation last month with some showing significant increases while others have decreased somewhat. Forecasts now range from 144% of the April-July average for Oak Creek near Oak City to 673% for the Sevier River-Sigurd to Gunnison. Other Sevier River forecasts are as follows: Hatch 145%, Circleville 181%, Kingston 190%, East Fork near Kingston 196%, below Piute Dam 189% and Gunnison 444%. Antimony Creek is forecast at 236%, Clear Creek 175%, Salina Creek 231%, Chalk Creek near Fillmore 372%, Chicken Creek near Levan 163%, Ephriam Creek 235%, Pleasant Creek 279%, and Salt Creek near Nephi 170%. The Beaver River is forecast at 239% near Beaver, 240% for North Creeks and 393% for Minersville Inflow. Peak flows are expected to range from nearly one and one-half to three times average and steps should be taken to protect property along stream channels.

USDA SCS, PORTLAND OR 1971 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 3	PAST RECORD THOUSAND ACRE FEET Average +
SEVIER RIVER					
Sevier at Hatch	70	145	Apr-July	--	48
Sevier nr Circleville	70	181	Apr-July	--	38
Sevier nr Kingston	55	190	Apr-July	--	28
Antimony Crk nr Antimony	17.5	236	Apr-July	--	7.4
East Fork Sevier nr Kingston1/	37	196	Apr-July	--	18.9
Sevier below Piute Dam	85	189	Apr-July	--	45
Clear Crk nr Sevier (abv Div)	33	175	Apr-July	--	18.9
Sigurd to Gunnison	175	673	Apr-July	--	26
Kingston to Vermillion Dam	100	300	Apr-June	--	45
Vermillion Dam to Gunnison	190	537	Apr-June	--	25
Salina Creek at Salina	28	231	Apr-June	--	11.9
Sevier nr Gunnison	240	444	Apr-July	--	54
Chalk Creek nr Fillmore	61	372	Apr-July	--	16.4[b]
Chicken Creek nr Levan	5.7	163	Apr-July	24	3.5[b]
Oak Cr. nr Oak City	2.3	144	Apr-July	4.5	1.6[b]
Ephraim Creek nr Ephraim	35	235	Apr-July	--	14.9
Pleasant Crk nr Mt. Pleasant	24	279	Apr-July	--	8.6
Salt Creek nr. Nephi	23	170	Apr-July	--	13.5
Beaver nr Beaver	55	239	Apr-July	72	23
North Creek (Combined)	35	240	Apr-July	--	14.6[a]
Minersville Inflow	35	393	Apr-June	--	8.9

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	77	112
East Fork Sevier	4	96	130
South Fork Sevier	5	58	88
LOWER SEVIER	12	133	168
BEAVER RIVER	4	117	157

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e - Maximum mean daily peak flow
+ - 1961-80 20 year Average Period
* - Forecast in cooperation with National Weather Service

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	13.8	17.0	14.0[b]
	Otter Creek	52.5	49.0	50.6	31.2
	Piute	71.8	57.1	56.0	41.5
	Sevier Bridge	236.0	208.0	234.0	119.6
	Panguitch Lake	22.3	20.6	20.5[a]	--
BEAVER RIVER	Minersville (Rky Fd)	26.0	22.5	24.6	12.9

PEAK FLOWS e

FORECAST POINT	PEAK FLOW (SECOND FEET) Forecast Range	PEAK FLOW (SECOND FEET) Average +
Beaver River nr Beaver	540-800	257
Sevier River at Hatch	600-800	484
Sevier River nr Kingston	500-700	312
Clear Creek nr Sevier	350-450	226
Salina Creek nr Salina	700-900	285

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	2/24	63	23.8	19.3	14.0
Bryce Canyon	2/28	20	4.4	7.9	4.7
Castle Valley	2/24	48	14.1	17.1	11.5
Duck Creek	2/25	32	7.8	15.7	12.4
Farnsworth Lake	2/26	81	24.4	16.1	15.3
Gooseberry R.S.	2/26	57	16.5	10.0	10.1
Harris Flat	2/25	18	4.1	11.5	8.4
Kimberly Mine	2/24	64	19.7	15.7	12.8

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 +
Long Valley Junction	2/25	3	0.9	7.1	5.3
Merchants Valley Upper	2/24	49	16.3	14.9	11.1[b]
Midway Valley	2/24	52	16.4	28.3	18
Oak Creek	2/23	53	16.8	17.6	13
Otter Lake	2/24	50	17.5	15.5	11.
Pickle Keg Springs	2/26	79	25.7	17.4	13.2[a]
Pine Creek	2/23	85	27.2	19.0	13.5
Widtsoe-Escalante #3	2/25	32	8.7	11.6	9.6

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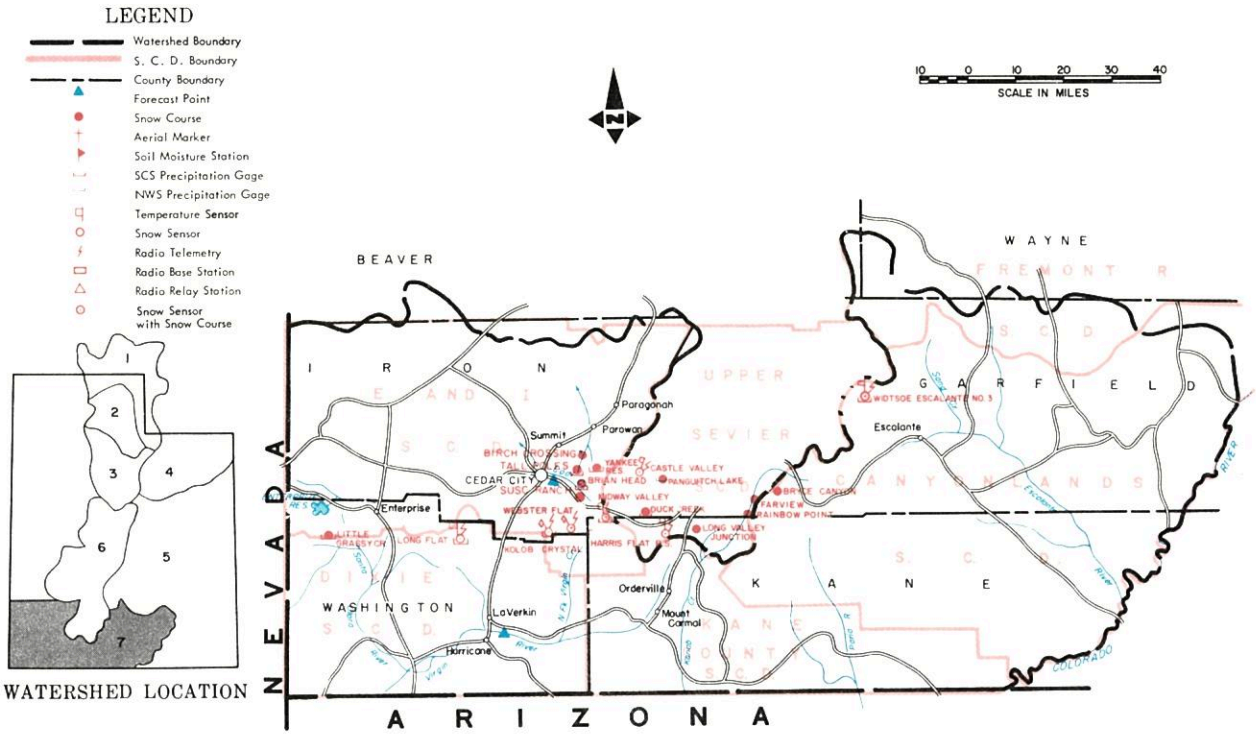
WATER SUPPLY OUTLOOK

EAST GARFIELD, KANE, WASHINGTON and IRON COUNTIES in UTAH

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



MARCH 1, 1984

THE WATER SUPPLY OUTLOOK IS NEAR AVERAGE

SNOW COVER varies from 49% of average in the Enterprise-New Harmony area to 134% on Parowan Creek. Virgin River snow cover is now 74% of the March 1 average and Coal Creek and Escalante River are 90% of average.

PRECIPITATION at mountain stations ranged from 46% of the February average at Widtsoe Summit to 148% at Tall Poles on Parowan Creek.

SOIL MOISTURE is wetter than average.

RESERVOIR STORAGE is generally above average. Lake Powell has been drawn down to less than last year at this time to make space for spring runoff.

STREAMFLOW FORECASTS range from 110% of the April-June average on Virgin River to 157% for the Inflow to Lake Powell. Coal Creek is now forecast 120% and Santa Clara 117% of average.

Peak flows are expected to be near average in this area and should cause no problems during the snow melt period.

Adequate water supplies are expected for all water users.

USDA-SCS-FORT WORTH, TEXAS 1983 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 3	PAST RECORD THOUSAND ACRE FEET Average †
VIRGIN RIVER					
Virgin nr Hurricane	68	110	Apr-June	171	62
Santa Clara nr Pine Valley	6.2	117	Apr-June	--	5.3
COAL CREEK					
Coal Creek nr Cedar City	22	120	Apr-July	54	18.4
UPPER COLORADO					
Lake Powell Inflow	11300	151	Apr-July	--	7462

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
COAL CREEK	3	59	90
VIRGIN RIVER	3	50	74
PAROWAN CREEK	4	103	134
ENTERPRISE - NEW HARMONY	2	42	49
ESCALANTE RIVER	1	75	90

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e - Maximum mean daily peak flow
+ - 1961-80 20 year Average Period
* - Forecast in cooperation with National Weather Service

RESERVOIR STORAGE (Thousand Acre Feet)

BASIN OR STREAM	RESERVOIR	Useable Capacity	USEABLE STORAGE This Year	USEABLE STORAGE Last Year	USEABLE STORAGE Average †
COLORADO	Lake Powell	25002.0	21478.0	22231.0	--
	Blue Mesa	829.5	375.0	478.4	--

PEAK FLOWS e

FORECAST POINT	PEAK FLOW (SECOND FEET) Forecast Range	PEAK FLOW (SECOND FEET) Average †
Coal Creek nr Cedar City	275-375	220
Virgin nr Hurricane	1000-1300	1092

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 †
Birch Crossing	2/27	36	9.7	8.0	6.8[b]
Brian Head	2/24	66	21.1	21.8	17.5[b]
Harris Flat	2/25	18	4.1	11.5	8.4
Kolob-Crystal	2/24	52	16.0	26.2	16.8[a]
Little Grassy	2/24	1	0.1	2.8	4.4
Long Flat	2/24	20	5.1	9.5	6.2

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 †
Long Valley Junction	2/25	3	0.9	7.1	5.3
SUSC Ranch	2/27	28	8.3	13.5	8.9[b]
Tall Poles	2/27	56	18.3	17.8	12.6[b]
Webster Flat	2/24	39	11.1	22.4	15.6
Yankee Reservoir	2/24	42	11.2	10.8	8.1

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SNOW

PRECIPITATION (Inches)

DRAINAGE BASIN and/or SNOW COURSE NAME	SNOW: THIS YEAR: Date of Survey	SNOW: THIS YEAR: Snow Depth (Inches)	SNOW: THIS YEAR: Water Content (Inches)	SNOW: PAST RECORD: Water Content (inches): Last Year	SNOW: PAST RECORD: Water Content (inches): Average †	PRECIPITATION: CURRENT INFORMATION: Date of Reading	PRECIPITATION: CURRENT INFORMATION: Month's Precipitation	PRECIPITATION: CURRENT INFORMATION: Average †	PRECIPITATION: FROM APPROX. OCT 1 TO DATE: This Year	PRECIPITATION: FROM APPROX. OCT 1 TO DATE: Average †	PRECIPITATION: FROM APPROX. OCT 1 TO DATE: Percent of Average
GREAT BASIN											
UPPER BEAR RIVER											
(Above Harer, Idaho)											
Burts-Miller Ranch	3/1	21	4.7	3.6	4.7[a]	3/1	0.68	0.93[b]	8.57	7.25[b]	118
CCC Camp	2/27	44	11.9	8.8	11.4						
Hayden Fork	3/2	46	15.9	10.3	13.4[a]	3/2	1.31[a]	2.87[a]	19.17	12.86[a]	149
Monte Cristo R.S.	3/1	66	26.2	17.7	22.1	3/1	2.23	4.15[b]	25.60	21.27	120
Salt River Summit	2/27	50	13.9	10.6	14.5	2/27	--	2.91	--	14.26	--
Stillwater Camp	3/1	35	9.9	7.5	8.9[a]	3/1	1.08	1.64[b]	13.19	10.09[b]	130
Lily Lake	3/1	45	13.6	9.1	10.0[a]	3/1	1.29	2.23[b]	15.90	12.11[b]	131
LOWER BEAR RIVER											
(Below Harer, Idaho)											
Bug Lake	3/1	60	22.0	11.8	16.9[a]	3/1	0.70	5.28[b]	22.70[a]	18.21[b]	124
Christensen Ranch	2/29	--	13.4[a]	9.2	8.3						
Cliff Canyon	2/29	40	12.4	19.2	8.1[a]						
Cub River R.S.	2/29	47	14.5	8.3	8.6						
Daniels Creek	2/29	34	8.8	7.3	5.0[a]						
Dry Basin	2/29	95	35.2	24.8	25.0[a]						
Dry Creek Flat	2/28	48	15.8	8.3	7.8						
Emigrant Summit	3/1	81	29.3	22.4	21.9						
Emigration Canyon	3/1	43	13.0	10.7	9.9						
Franklin Basin	3/2	73	26.7	18.8	21.7[a]	3/2	5.31[a]	5.78[a]	32.62[a]	21.23[a]	153
Garden City Summit	3/1	57	21.4	11.6	15.5	3/1	1.15	3.47	20.94	15.80	132
Horseshoe Basin	2/29	--	31.7[a]	23.3	22.8[a]						
Klondike Narrows	3/2	59	22.9	14.2	17.5	3/2	2.57	4.99[b]	22.93	19.93[b]	115
Liberty Spring	2/29	--	42.9[a]	32.5	32.1[a]						
Little Bear (lower)	2/22	46	14.6	9.7	9.3						
Little Bear (upper)	2/22	53	18.0	11.2	11.0	2/22	3.13	3.19[a]	26.20	17.14[b]	152
Lower Elkhorn	2/29	49	16.6	13.2	13.1[a]						
Oxford Mountain	2/28	47	15.1	8.4	9.7						
Slug Creek Divide	2/29	50	15.9	12.8	15.1						
Steep Hollow #1	3/2	100	38.5	28.7	31.1						
Steep Hollow #2	3/2	76	29.2	21.1	22.9						
Strawberry Creek	3/1	51	17.4	11.5	9.9						
Strawberry Mink Divide	2/29	77	27.8	18.4	19.2						
Tony Grove Lake	3/2	99	40.1	26.1	31.9[a]	3/2	6.00[a]	5.76[a]	35.62[a]	31.69[a]	112
Tony Grove R.S.	3/1	51	16.8	10.8	11.1	3/1	1.93	3.10[b]	22.80	14.93[b]	152
Upper Elkhorn	2/29	62	20.5	17.8	16.8[a]						
Willow Flat	2/29	64	23.5	12.9	14.1	2/29	3.15	3.71	28.43	18.85	150
Worm Creek	2/29	71	26.8	16.0	17.0[a]						
UPPER RAFT RIVER											
Clear Creek Meadows	3/5	74	22.6	26.8	17.9[b]						
George Peak	3/5	90	31.0	32.5	21.6[a]						
One Mile Summit	3/5	31	7.6	6.2	7.5[a]						
Vipont	3/5	56	18.0	18.4	13.2[a]						
OGDEN RIVER											
Beaver Creek-Skunk Creek	3/1	42	16.3	9.8	11.2						
Ben Lomond Peak	3/2	122	54.5	35.2	31.4[b]	3/2	10.50[a]	7.67[b]	54.60[a]	34.23[b]	159
Ben Lomond Trail	3/2	75	28.8	20.0	15.8[a]	3/2	3.82	4.47[b]	36.97	24.98[b]	147
Causey Dam	3/1	22	6.8[a]			3/1	1.13	2.42[b]	15.71	11.91[b]	131
Dry Bread Pond	3/1	57	22.1	13.0	16.2	3/1	1.90[a]	3.47[b]	23.62[a]	16.96[b]	139
Sagebrush Flat	3/1	30	9.2	4.8	4.9	3/1	1.00	2.58	13.77	12.07	114
WEBER RIVER											
Beaver Creek R.S.	2/28	33	10.5	6.9	7.8						
Chalk Creek #1	3/2	61	23.1	17.7	18.1	3/2	4.12[a]	4.60[a]	24.02[a]	18.38[a]	130
Chalk Creek #2	3/2	46	14.5	10.8	12.2	3/2	2.12[a]	2.24[b]	15.32[a]	13.17[b]	116
Chalk Creek #3	3/2	28	8.0	6.3	6.7	3/2	1.37	1.82[b]	16.39	11.26[b]	145
Farmington Canyon (lower)	3/2	85	32.7	25.2	19.5[b]	3/2	3.46	4.04[b]	32.26	22.40	144
Farmington Canyon (upper)	3/2	98	40.1	30.6	25.6[b]	3/2	5.10[a]	6.17[a]	35.20[a]	22.44[a]	156
Farmington G.S.	3/2	81	32.4[a]	--	--	3/2	3.50[a]	4.21[b]	29.10[a]	19.40[b]	150
Hardscrabble	3/2	73	29.8	17.5	--						
Horse Ridge	3/1	65	25.8	16.1	18.9[b]	3/1	2.23	3.79[b]	27.94	19.40[b]	144
Kilfoil Creek	3/1	51	17.0	12.2	12.4[b]						
Lost Creek Reservoir	3/1	30	8.9	5.2	5.5[a]	3/1	0.71	1.72[b]	13.03	9.16[b]	142
Park City Summit	3/1	82	34.5	34.2	26.6[a]						
Parley's Canyon Summit	2/29	66	23.1	15.3	15.9	2/29	2.85	3.68	25.11	18.48	135
Pine Canyon	3/1	58	22.2	16.1	17.1[a]						
Redden Mine (lower)	2/28	53	19.3	14.8	15.2[b]	2/28	2.38	--	15.17	--	--
Smith & Morehouse	3/2	41	14.4	11.0	11.4	3/2	2.28	2.81	15.17	14.71	103
Sargeant Lake (A)				10.4	15.0[a]						

USDA-SCS-PORTLAND, OR. NFF 47-0-22027.0

† 1958-1972 period

SNOW

PRECIPITATION (Inches)

DRAINAGE BASIN and/or SNOW COURSE NAME	SNOW: THIS YEAR Date of Survey	SNOW: THIS YEAR Snow Depth (Inches)	SNOW: THIS YEAR Water Content (Inches)	SNOW: PAST RECORD Water Content (Inches) Last Year	SNOW: PAST RECORD Water Content (Inches) Average †	PRECIPITATION: CURRENT INFORMATION Date of Reading	Month's Precipitation	Average †	FROM APPROX. OCT 1 TO DATE This Year	Average †	Percent of Average
GREAT BASIN CONT.											
PROVO RIVER & UTAH LAKE											
Beaver Creek Divide	2/28	40	12.4	8.6	11.3[a]						
Clear Creek Ridge #1	2/27	58	21.1	15.1	16.3						
Clear Creek Ridge #2	2/27	49	15.6	12.0	12.2	2/27	2.12	2.48	16.80[a]	13.35[b]	125
Clear Creek Ridge #3	2/27	35	10.5	8.0	7.5						
Hobble Creek Summit	2/23	55	19.0	14.0	12.8	2/23	1.93	4.39[b]		17.75[b]	
Payson R.S.	2/23	70	24.6	17.9	16.4[b]						
Soapstone R.S.	2/28	42	13.1	9.2	11.3	2/28	1.54	3.01	18.09	15.05	120
South Fork R.S.	2/29	38	12.0	12.9	6.1						
Timpanogos Divide	2/29	59	19.8	26.1	22.1	2/29	3.25	4.30	23.99	21.73	110
Trial Lake	3/2	60	22.3	18.1	20.8	3/2		3.87		20.07	
JORDAN RIVER & GREAT SALT LAKE											
Bevan's Cabin		NOT SCHEDULED									
Deseret Peak		NOT SCHEDULED									
Lamb's Canyon #2	2/29	58	20.0	13.9	13.8[a]	2/29	2.00	--	18.09	--	--
Middle Canyon		NOT SCHEDULED									
Mill Creek	2/27	66	21.9	17.7	16.1[a]						
Mill D South Fork	3/1	63	22.9	18.4	17.0						
Rocky Basin-Settlement	3/1	105[a]	39.0[a]	--	20.4[a]	3/1	3.90[a]	--	39.0[a]	--	--
Silver Lake (Brighton)	3/1	67	25.0	23.0	20.4						
Snow Bird (Gad Valley)	2/28	107	39.6	31.4	27.6[a]						
Vernon Creek	3/1	40[a]	14.9[a]	16.0	8.9[a]	3/1	1.80	--	15.13	12.76[b]	118
COLORADO RIVER DRAINAGE											
UPPER GREEN RIVER - UTAH											
Ashley-Twin Lakes (A)				17.9	13.4[a]						
Black's Fork G.S.-East Fork	3/2	34	9.3	6.0	7.6		0.73[a]	5.62	12.26[a]	9.51	128
Black's Fork Junction	3/2	34	9.6	5.7	7.6	3/2	0.72	5.47	12.22	9.25[a]	132
Buck Pasture (A)				13.4	12.1[a]						
Burnt Creek	2/29	22	5.0	4.1	4.3[a]	2/29	1.00	1.13[a]	11.20	7.44[b]	150
Grizzly Ridge	2/29	35	9.8	11.7	9.5[a]	2/29	1.75	2.10[b]	14.05	10.90[b]	128
Henrys Fork (A)				10.8	11.1[a]						
Hewinta G.S.	3/1	34	9.8	7.4	7.5	3/1	0.89	--	13.44	--	--
Hickerson Park	3/1	30	8.7	5.3	5.4[b]	3/1	0.81	1.11[a]	8.61	7.34[b]	117
Hole-in-the-Rock		NOT SCHEDULED									
Hole-in-the-Rock G.S.		NOT SCHEDULED									
King's Cabin (upper)	3/1	36	9.4	11.6	8.5	3/1	1.51	1.77[a]	12.94	9.47[a]	136
Middle Beaver Creek		NOT SCHEDULED									
Reynolds Park (A)				21.9	13.9[a]						
Spirit Lake	3/1	39	11.5	10.3	10.1[b]	3/1	1.72	2.03[a]	12.57	11.26	111
Steel Creek Park	3/2	51	15.9	12.3	13.1[b]	3/2	0.48	--	14.16	--	--
Trout Creek	2/29	32	8.3	11.4	8.5[a]	2/29	1.34	1.84[a]	9.29	9.11[a]	101
DUCHESNE RIVER											
Atwood Lake (A)				--	16.9[a]						
Brown Duck Ridge	2/29	60	19.5	18.8	15.8[a]	2/29	2.70[a]	--	20.09[a]	--	--
Chepeta	2/29	40	11.5	13.0	9.7[a]	2/29	2.00[a]	--	12.90[a]	--	--
Currant Creek	2/28	37	10.5	10.3	9.6[a]	2/28	1.14	--	14.24	--	--
Daniels-Strawberry Summit	2/28	47	15.8	14.6	12.9	2/28	1.86	3.10	18.61	15.13	123
East Portal	2/28	47	14.2	12.8	10.2	2/28	1.95	3.08	20.78	14.22	146
Five Points Lake (A)				--	13.9[a]						
Indian Canyon	2/27	38	10.5	14.3	10.7	2/27	1.07	2.18	12.67	10.87	116
Jackson Park	2/29	44	11.9	13.6	11.8[a]	2/29	2.62	--	15.49[a]	--	--
Lakefork Basin (A)				--	18.6[a]						
Lakefork Mountain #1	2/29	36	9.8	11.0	9.5	2/29	1.36	1.86	12.75	10.54	120
Lakefork Mountain #3	2/29	23	5.5	6.4	5.9						
Lightning Lake (A)				--	20.5[a]						
Mosby Mountain	3/1	33	8.4	10.5	8.4	3/1	1.46	2.06[a]	12.58	11.14[a]	112
Paradise Park	2/29	41[a]	12.3[a]	16.1	10.9	2/29	1.22	1.91[b]	12.46	11.27	110
Rock Creek Ranch	2/29	27	7.5	8.0	6.5[a]	2/29	1.11	--	11.40	--	--
Strawberry Divide	2/28	64	23.0	19.8	16.8	2/28	2.30[a]	--	25.50[a]	--	--

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

† 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 †
PRICE RIVER					
Dry Valley Divide Alternate	2/27	43	14.5	10.3	11.2[a]
Mud Creek	2/27	53	17.1	11.4	11.8
White River #1	2/27	48	16.0	12.6	11.9
White River #3	2/27	35	12.3	7.8	7.9
SAN RAFAEL RIVER					
Buck Flat	2/26	64	22.8	17.7	14.4
Huntington-Horseshoe	2/27	78	31.8	28.0	19.9[a]
Orange Olsen	2/27	28	7.0	8.5	4.4[a]
Red Pine Ridge	2/27	69	24.0	17.6	14.7
Seeley Creek R.S.	2/27	75	28.2	19.3	13.9
Stuart R.S.	2/27	40	13.5	9.2	8.7[a]
Upper Joe's Valley	2/27	48	15.4	11.4	9.3
Wrigley Creek	2/26	46	13.9	12.3	9.7
MUDDY RIVER					
Black's Fork	2/26	55	18.8	14.1	11.2[a]
Dill's Camp	2/26	48	15.1	13.0	10.6[a]
FREMONT RIVER					
Black's Flat-U.M. Creek	2/26	46	13.6	11.7	9.3
Donkey Reservoir		NOT SCHEDULED			
Fish Lake	2/26	55	18.6	12.2	6.9
Johnson Valley	2/26	40	11.4	8.5	6.2
SOUTHEASTERN UTAH DRAINAGES					
Buckboard Flat	2/23	38	11.5	13.9	11.2
Camp Jackson	2/23	35	10.1	17.4	11.5
LaSal Mountain (lower)	2/22	38	11.4	13.2	7.8
LaSal Mountain (upper)	2/22	56	17.2	19.5	12.4[b]
Monticello City Park	2/24	5	1.6	0.0	2.4[a]
UPPER SEVIER RIVER (South of Richfield, Utah)					
Box Creek	2/26	57	17.9	14.7	11.2
Bryce Canyon	2/28	20	4.4	7.9	4.7
Castle Valley	2/24	48	14.1	17.1	11.5
Duck Creek R.S	2/25	32	7.8	15.7	12.4
Harris Flat	2/25	18	4.1	11.5	8.4
Kimberly Mine	2/24	64	19.7	15.7	12.8
Midway Valley	2/24	52	16.4	28.3	18.4
Panguitch Lake	2/24	22	6.6	11.1	4.5
Squaw Springs	2/26	36	10.9	9.1	6.6
LOWER SEVIER RIVER (Including San Pitch River)					
Beaver Dams	2/26	63	18.9	11.1	10.4[b]
Farnsworth Lake	2/26	81	24.4	16.1	15.3
G.B.R.C. Headquarters	2/27	77	25.2	17.5	13.9
G.B.R.C. Majors					
G.B.R.C. Meadows	2/27	91	30.8	26.1	19.4
G.B.R.C. Oaks					
Gooseberry Reservoir					
Gooseberry R.S.	2/26	57	16.5	10.0	10.1
Mammoth-Cottonwood Creek	2/27	73	27.8	21.7	18.1
Middle Fork		NOT SCHEDULED			
Mt. Baldy R.S.	2/26	91	32.3	23.5	19.8[b]
Oak Creek	2/23	53	16.8	17.6	13.1[a]
Pickle Keg Springs	2/26	79	25.7	17.4	13.2[a]
Pine Creek	2/23	85	27.2	19.0	13.5
Ree's Flat	2/23	54	16.8	17.9	10.6[b]
Shingle Mill	3/1	53	15.6	10.4	7.6[b]
Thistle Flat		NOT SCHEDULED			

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
PRICE RIVER						
Dry Valley Divide Alternate						
Mud Creek	2/27	1.72	2.49	18.74	11.69	160
White River #1	2/27	1.37	--	16.64	11.08	150
White River #3						
SAN RAFAEL RIVER						
Buck Flat	2/26	2.33	3.21	22.88	14.5	157
Huntington-Horseshoe						
Orange Olsen	2/27	0.97	1.17	10.75	6.39	168
Red Pine Ridge	2/27	0.93	3.48	22.73[a]	16.25	139
Seeley Creek R.S.	2/27					
Stuart R.S.	2/27	2.60[a]	--	17.23[a]	--	--
Upper Joe's Valley						
Wrigley Creek						
MUDDY RIVER						
Black's Fork						
Dill's Camp	2/26	2.16	--	18.58	--	--
FREMONT RIVER						
Black's Flat-U.M. Creek	2/26	1.63	--	14.84	9.64[b]	153
Donkey Reservoir						
Fish Lake	2/26	7.90[a]	1.15	--	7.50	--
Johnson Valley						
SOUTHEASTERN UTAH DRAINAGES						
Buckboard Flat	2/23	1.55	--	16.77	15.18	110
Camp Jackson	2/23	1.05	--	13.88	14.27	97
LaSal Mountain (lower)						
LaSal Mountain (upper)	2/22	2.15	--	19.01	11.04	172
Monticello City Park						
UPPER SEVIER RIVER (South of Richfield, Utah)						
Box Creek	2/26	2.88	--	17.90	11.10	161
Bryce Canyon						
Castle Valley	2/24	2.77	--	17.03	11.12	153
Duck Creek R.S	2/25	1.02	2.35[b]	14.82	13.25	112
Harris Flat						
Kimberly Mine	2/24	1.96	3.18[b]	19.18	14.38	133
Midway Valley						
Panguitch Lake	2/24	1.47	--	9.01	6.51[b]	138
Squaw Springs						
LOWER SEVIER RIVER (Including San Pitch River)						
Beaver Dams	2/26	3.89	--	22.90	10.66	214
Farnsworth Lake	2/26	4.92	3.59	20.67	15.23	135
G.B.R.C. Headquarters	2/27	4.55	2.69	23.76	14.21	167
G.B.R.C. Majors						
G.B.R.C. Meadows	2/27	5.36	3.59	27.14[a]	17.57	154
G.B.R.C. Oaks						
Gooseberry Reservoir	2/27	2.82	2.38[b]	25.12	15.36	163
Gooseberry R.S.	2/26	3.73	2.38[b]	17.45	9.87[b]	176
Mammoth-Cottonwood Creek	2/27	1.80[a]	--	26.90[a]	--	--
Middle Fork						
Mt. Baldy R.S.	2/26	3.12	--	20.43	13.76	148
Oak Creek	2/23	2.14	--	19.72	--	--
Pickle Keg Springs	2/26	5.60[a]	--	26.68[a]	--	--
Pine Creek	2/23	7.92	--	33.76	18.53	182
Ree's Flat	2/23	2.78	--	19.61	--	--
Shingle Mill	3/1	5.06	2.33[b]	21.81	12.58	173
Thistle Flat						

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

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
BEAVER RIVER											
Beaver Canyon Power House											
Beaver Race Track	2/28	3	0.7	0.0	0.6[a]						
Big Flat	2/24	63	23.8	19.3	14.0	2/24	1.54	3.36	21.02	13.63	154
Merchant's Valley (upper)	2/24	49	16.3	14.9	11.1[b]	2/24	1.91	2.73[b]	17.71	12.33[b]	143
Otter Lake	2/24	50	17.5	15.5	11.2						
PAROWAN CREEK											
Birch Crossing	2/27	36	9.7	8.0	6.8[b]						
Brian Head	2/26	66	21.1	21.8	17.5[b]						
Tall Poles	2/27	56	18.3	17.8	12.6[b]	2/27	3.55	2.39[b]	15.20	11.87[b]	128
Yankee Reservoir	2/24	42	11.2	10.8	8.1	2/24	2.60	--	12.35	9.40[b]	131
ENTERPRISE TO NEW HARMONY DRAINAGES											
Little Grassy Creek	2/24	1	0.1	2.8	4.4	2/24	0.73	--	11.25	12.33[b]	91
Long Flat	2/24	20	5.1	9.5	6.2	2/24	1.74	--	6.32	9.23	68
COAL CREEK											
Cedar City Golf Course	2/27	1	0.1	0.0	0.1[a]						
SUSC Ranch	2/27	28	8.3	13.5	8.9[b]						
ESCALANTE RIVER											
Widtsoe-Escalante #3	2/25	32	8.7	11.6	9.6	2/25	0.96	2.08	11.75	9.67	121
VIRGIN RIVER											
Kolob-Crystal	2/24	52	16.0	26.2	16.8[a]						
Long Valley Junction	2/25	3	0.9	7.1	5.3						
Webster Flat	2/24	39	11.1	22.4	15.6	2/24	3.10	3.53	17.09	15.15	112

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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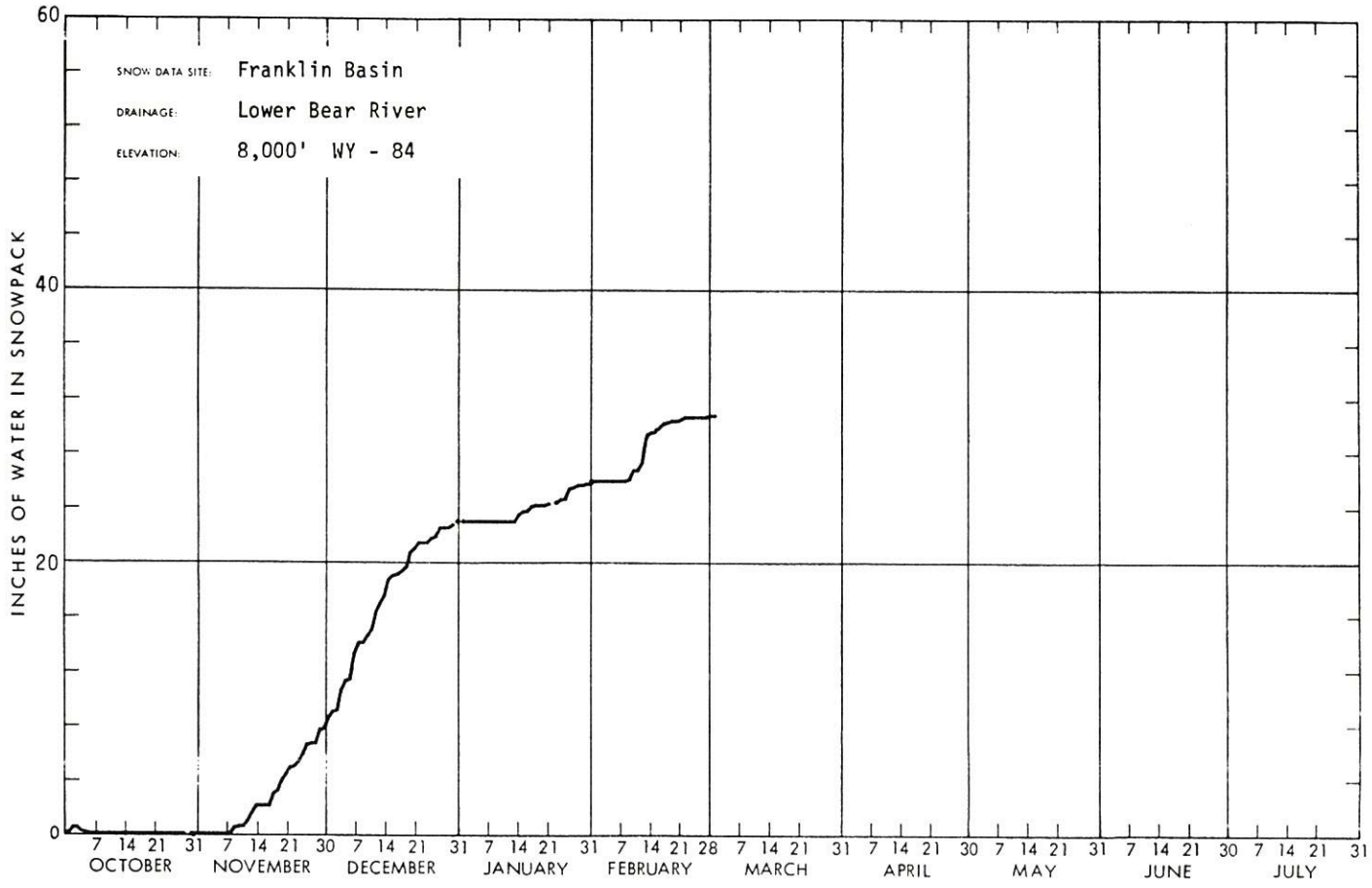
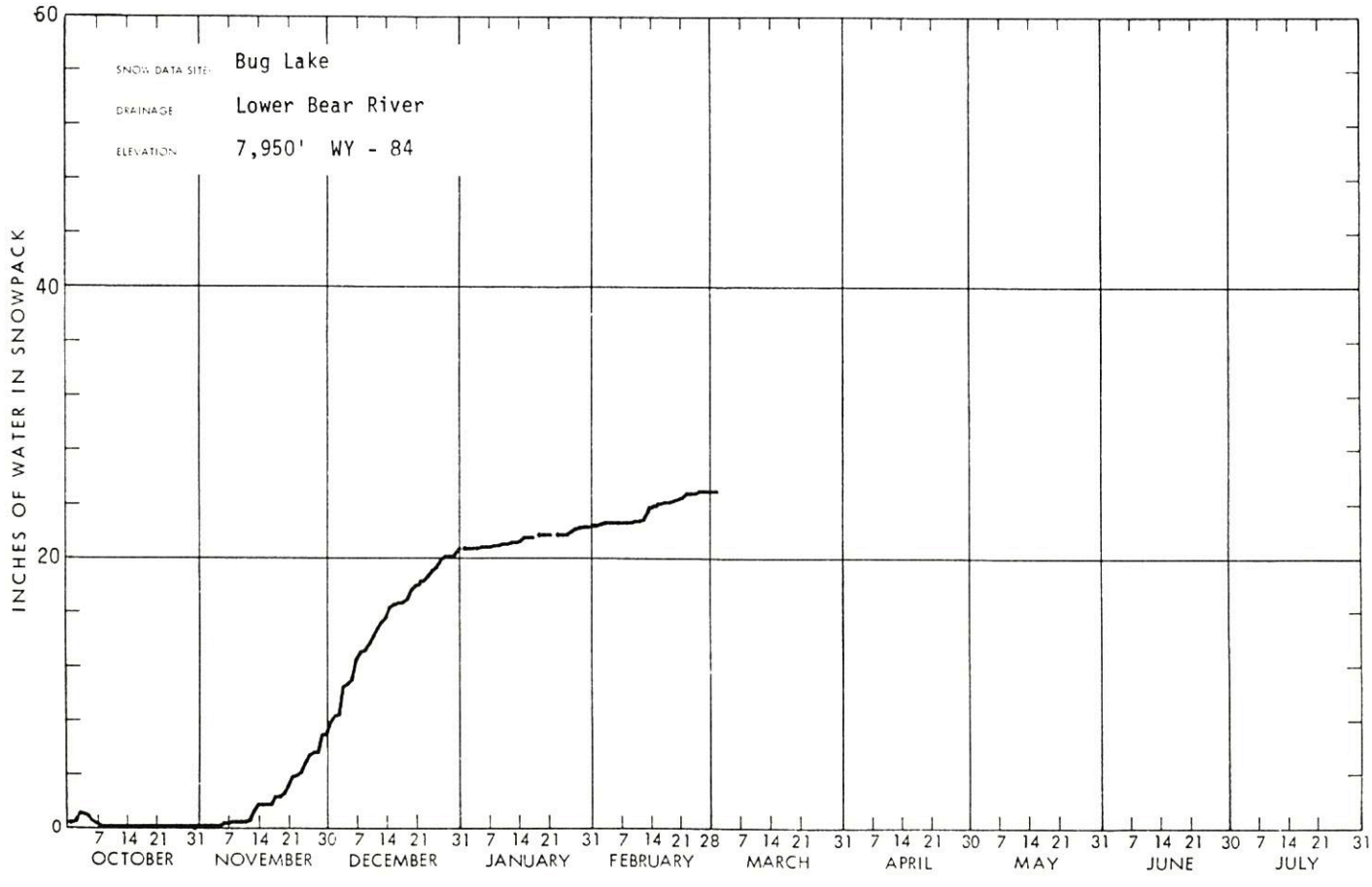
† 1958-1972 period

WSFB-X13A


SNOW DATA SITE: Franklin Basin
DRAINAGE: Lower Bear River
ELEVATION: 8,000' WY - 84
INCHES OF WATER IN SNOWPACK
0
20
40
60
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 DATA SITE: Bug Lake
DRAINAGE Lower Bear River
ELEVATION 7,950' WY - 84
INCHES OF WATER IN SNOWPACK
0
20
40
60
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
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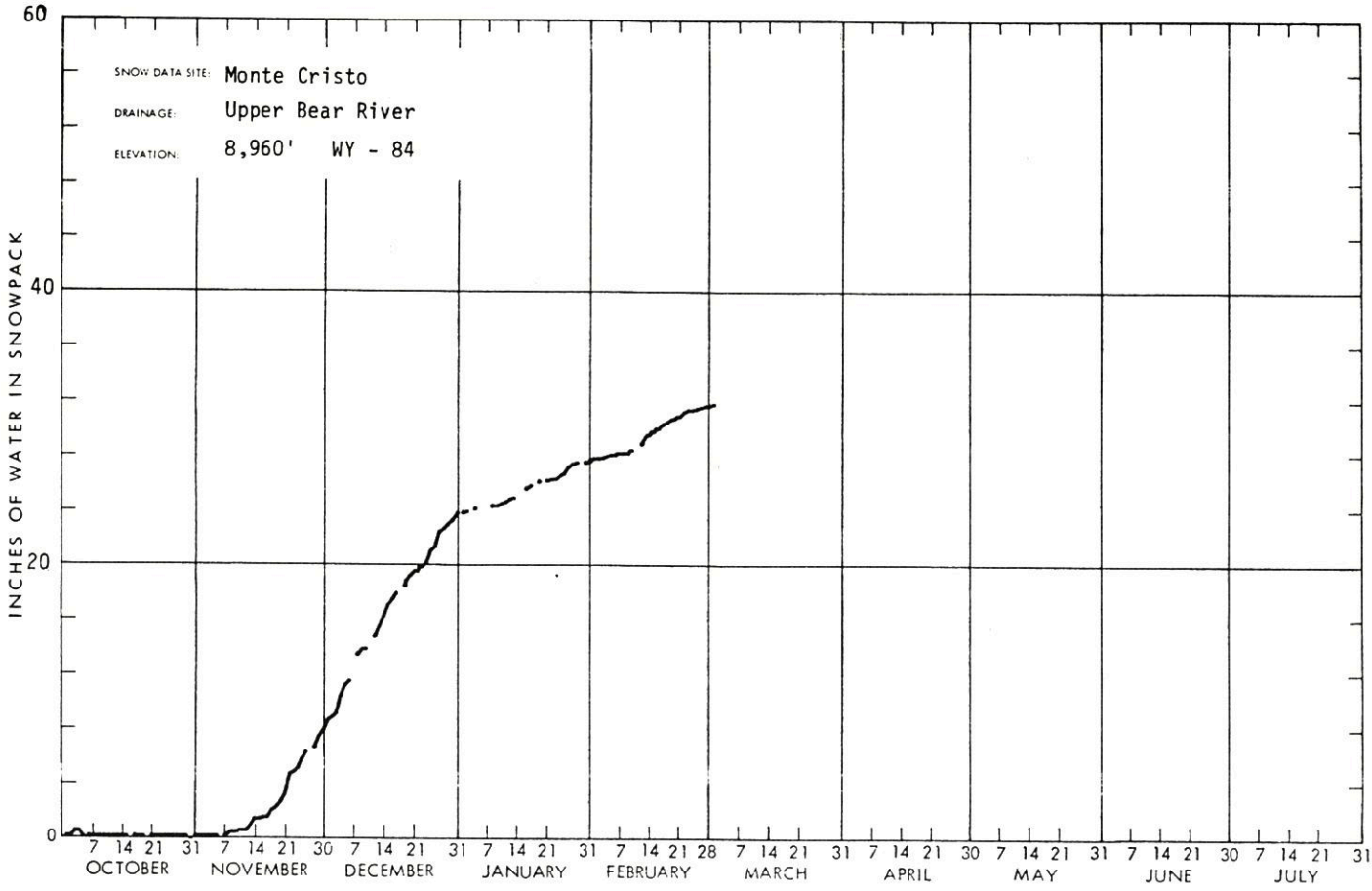
SNOW DATA SITE: Monte Cristo
DRAINAGE: Upper Bear River
ELEVATION: 8,960' WY - 84
INCHES OF WATER IN SNOWPACK
0
20
40
60
7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 31 7 14 21 28 7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 30 7 14 21 31
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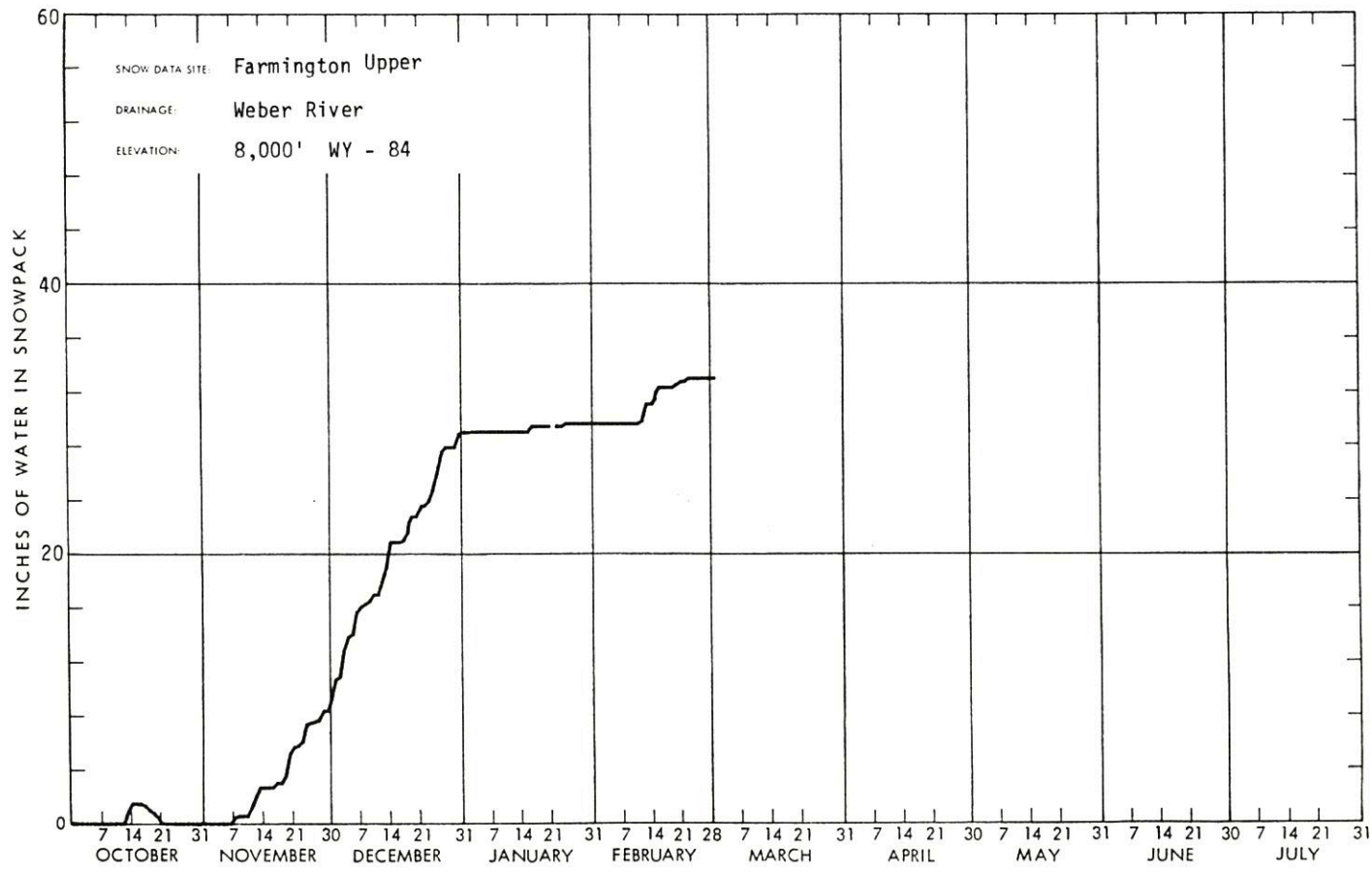
SNOW DATA SITE: Farmington Upper
DRAINAGE: Weber River
ELEVATION: 8,000' WY - 84
INCHES OF WATER IN SNOWPACK
0
20
40
60
7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 31 7 14 21 28 7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 30 7 14 21 31
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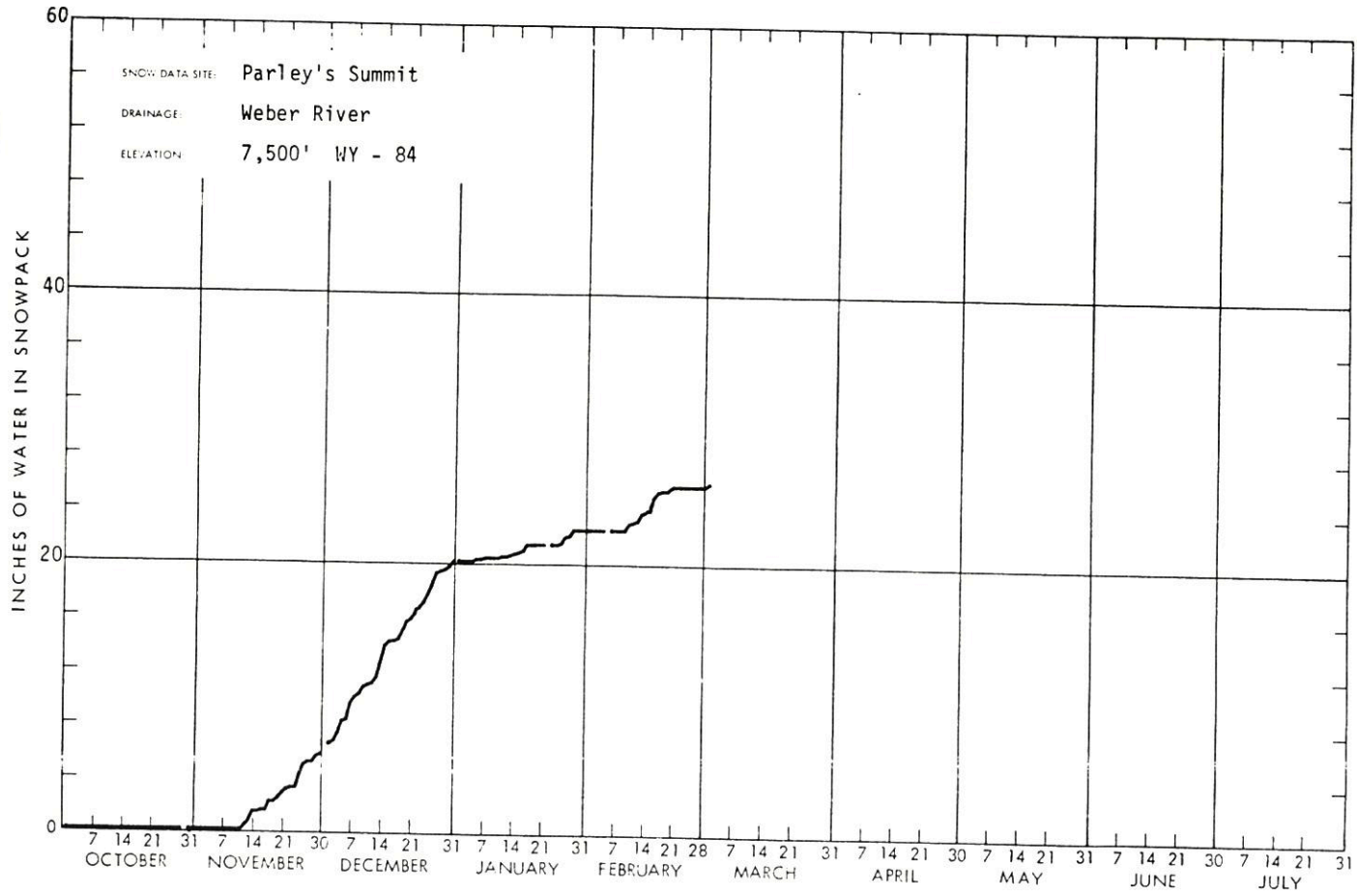
SNOW DATA SITE: Parley's Summit
DRAINAGE: Weber River
ELEVATION: 7,500' WY - 84
INCHES OF WATER IN SNOWPACK
0
20
40
60
7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 31 7 14 21 28 7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 30 7 14 21 31
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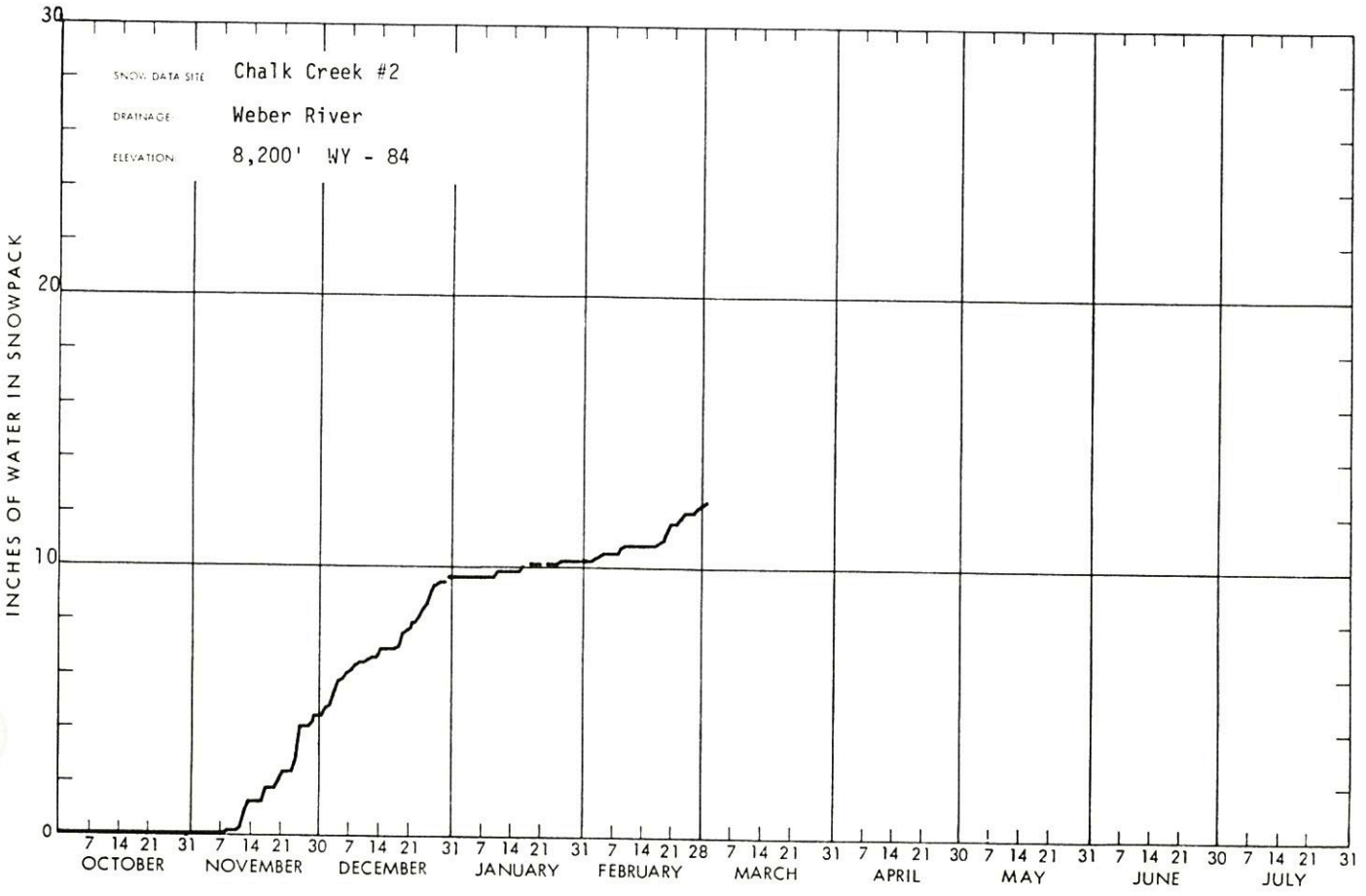
SNOW DATA SITE: Chalk Creek #2
DRAINAGE: Weber River
ELEVATION: 8,200' WY - 84
INCHES OF WATER IN SNOWPACK
0
10
20
30
7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 31 7 14 21 28 7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 30 7 14 21 31
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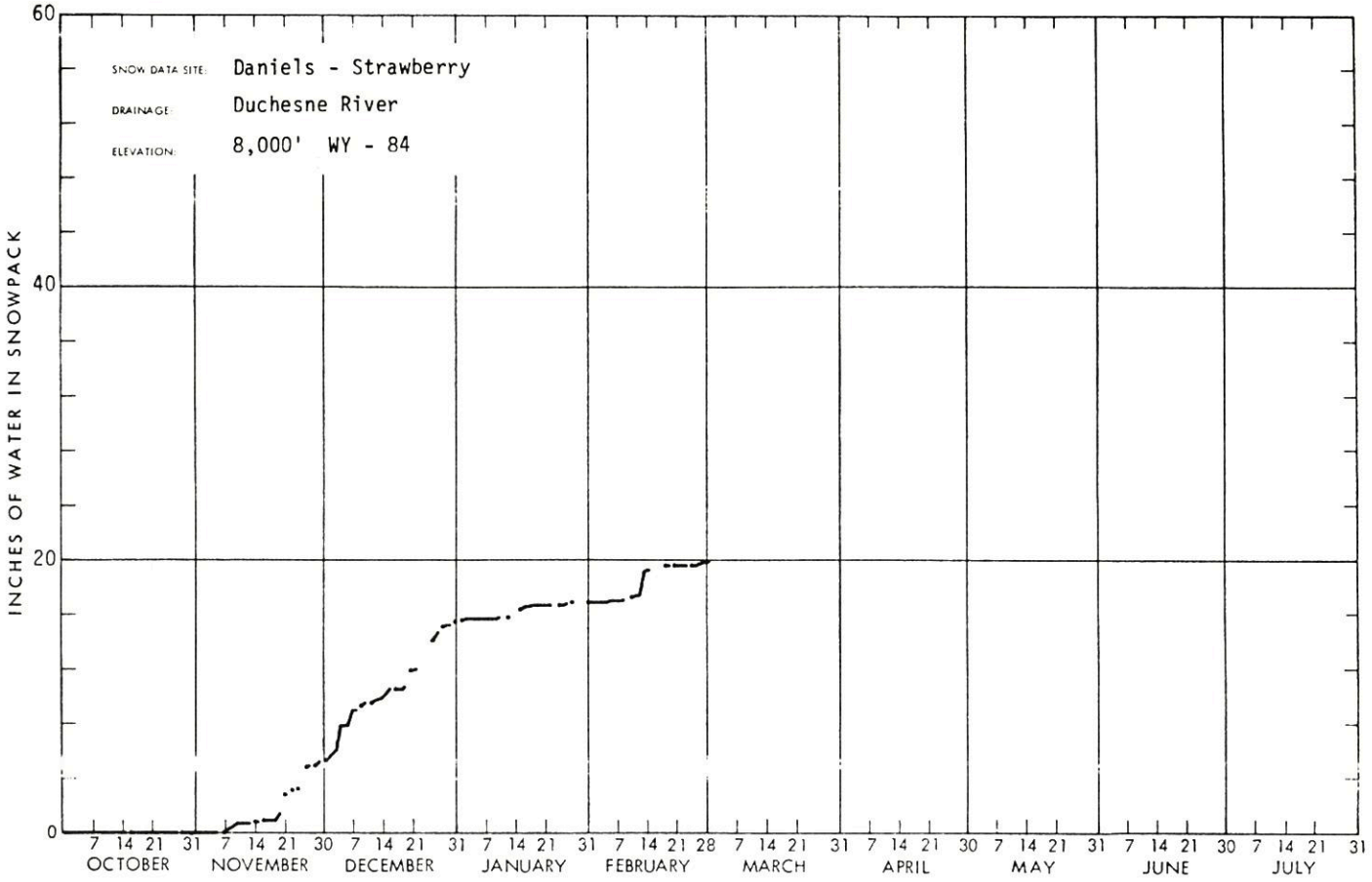
SNOW DATA SITE: Daniels - Strawberry
DRAINAGE: Duchesne River
ELEVATION: 8,000' WY - 84
INCHES OF WATER IN SNOWPACK
0
20
40
60
7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 31 7 14 21 28 7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 30 7 14 21 31
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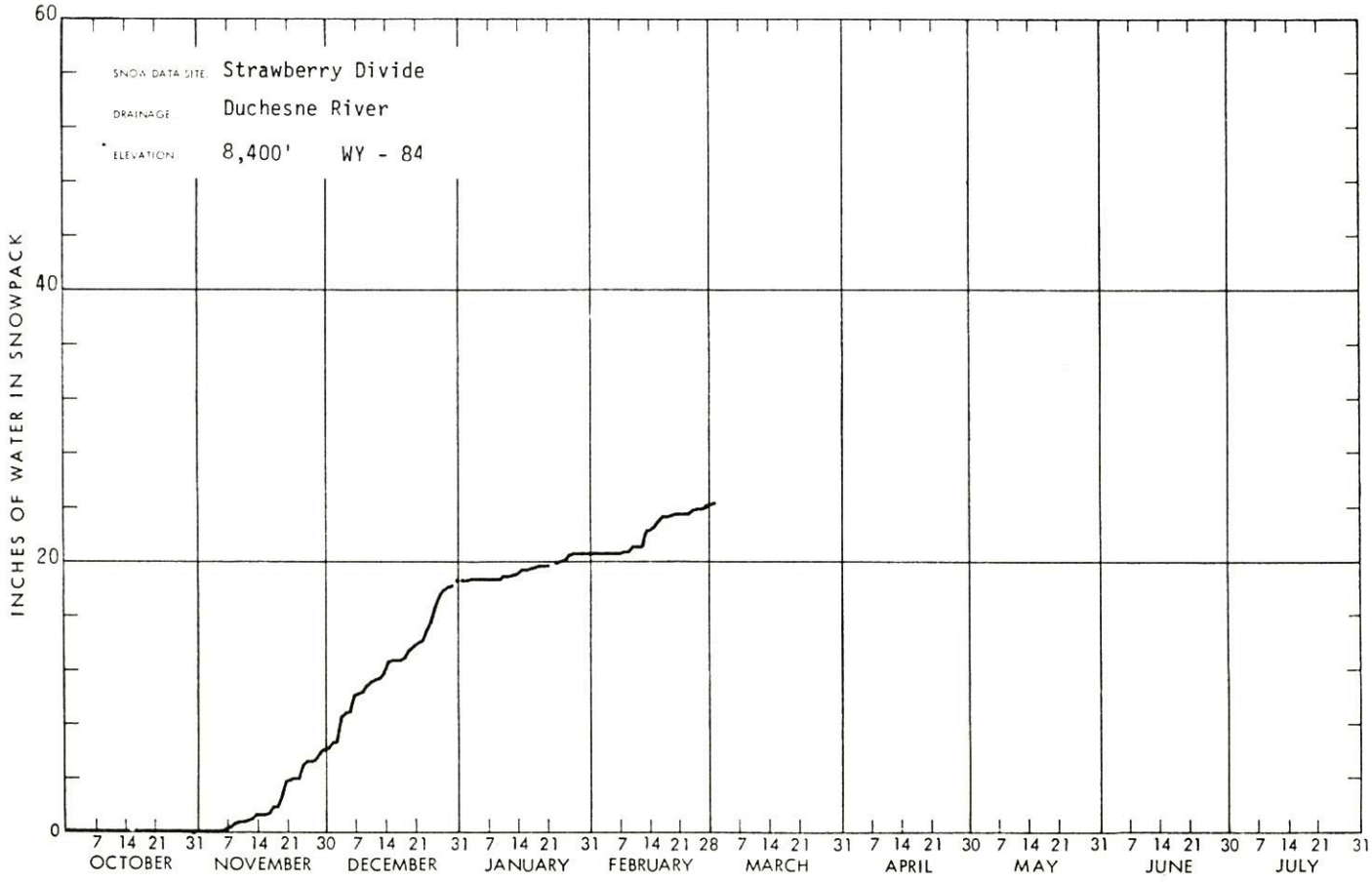
SNOW DATA SITE: Strawberry Divide
DRAINAGE: Duchesne River
ELEVATION: 8,400' WY - 84
INCHES OF WATER IN SNOWPACK
0
20
40
60
7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 31 7 14 21 28 7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 30 7 14 21 31
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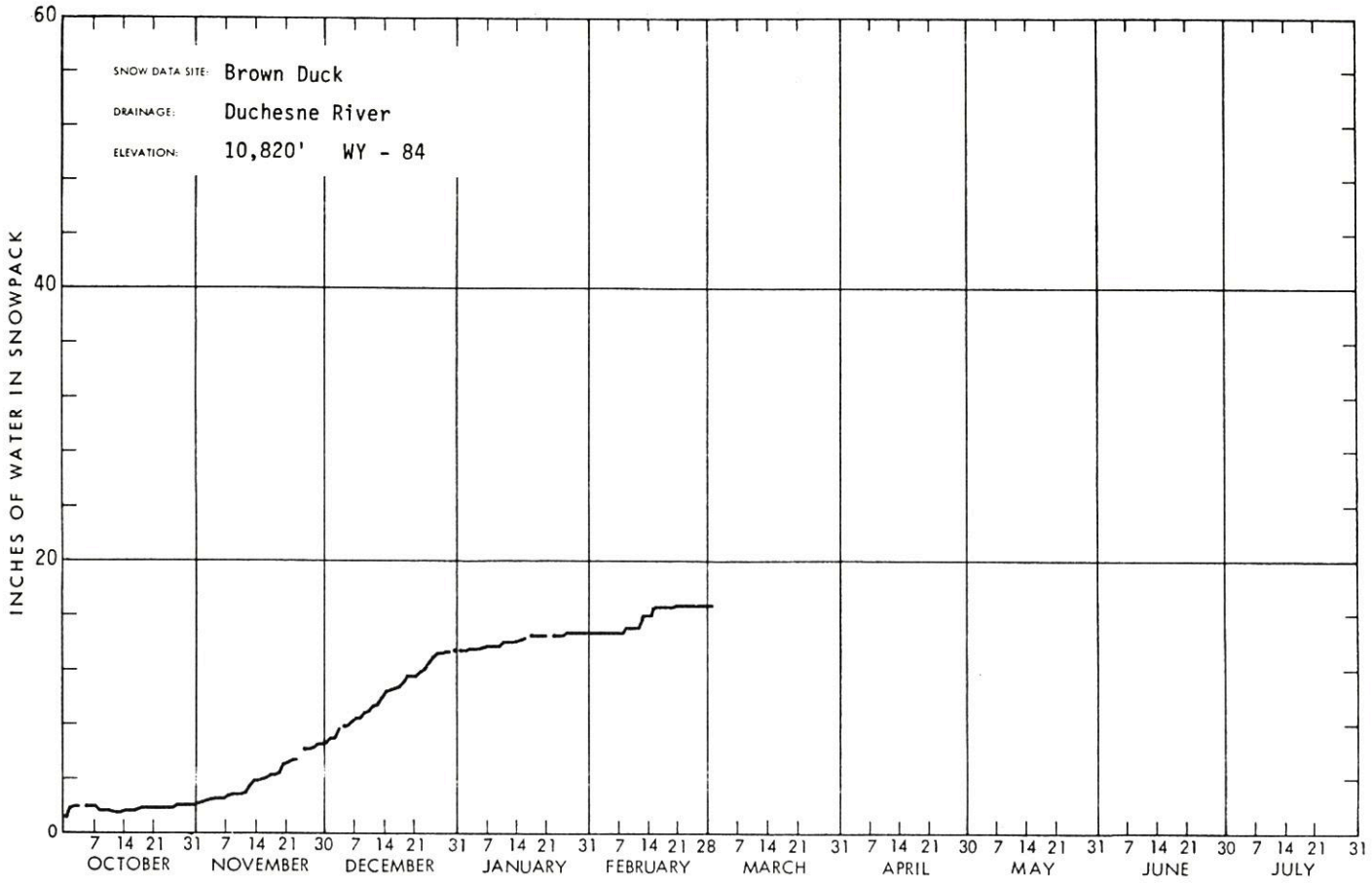
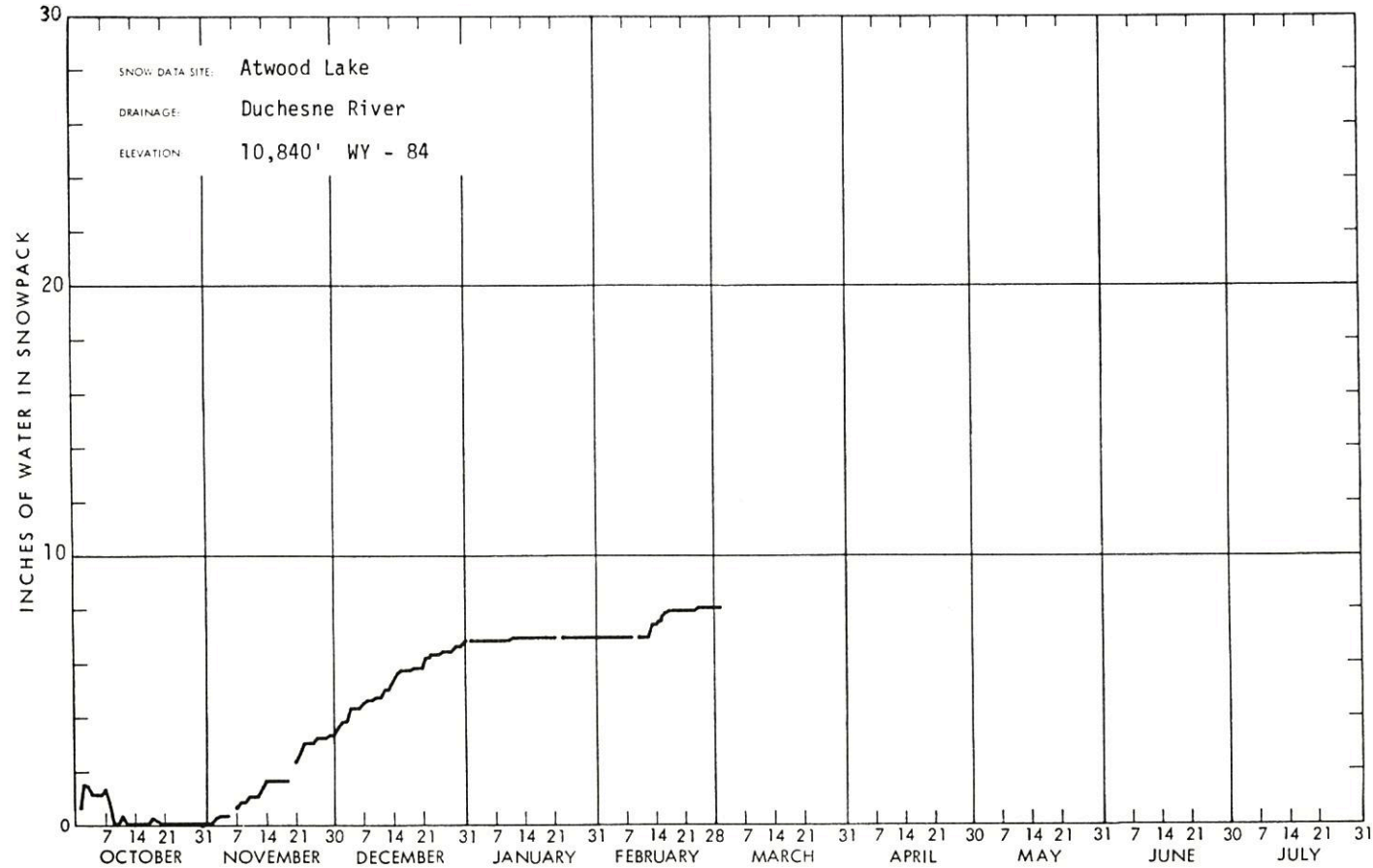

SNOW DATA SITE: Brown Duck
DRAINAGE: Duchesne River
ELEVATION: 10,820' WY - 84
INCHES OF WATER IN SNOWPACK
60
40
20
0
7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 31 7 14 21 28 7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 30 7 14 21 31
OCTOBER NOVEMBER DECEMBER JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY


SNOW DATA SITE: Atwood Lake
DRAINAGE: Duchesne River
ELEVATION: 10,840' WY - 84
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
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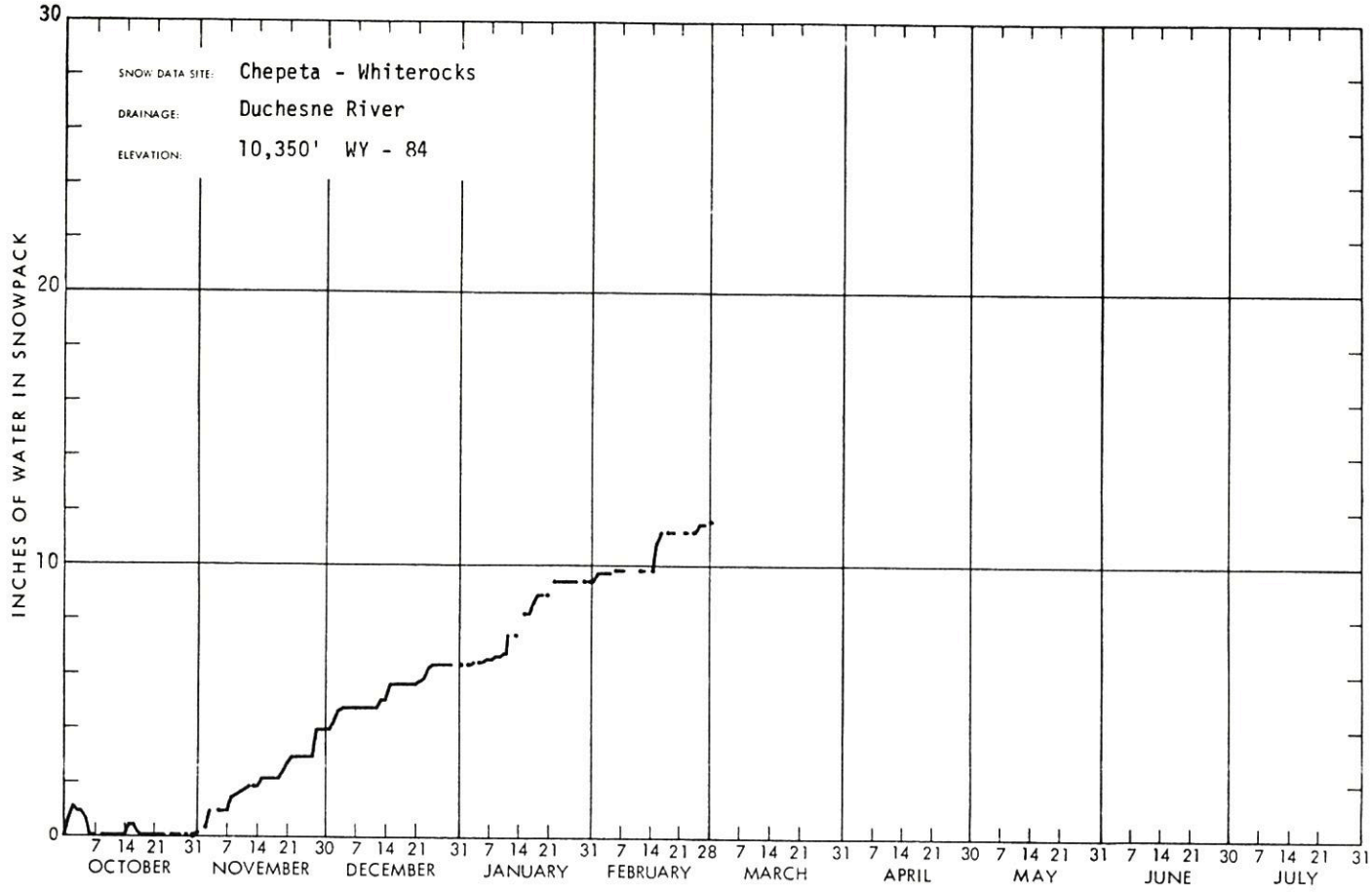
SNOW DATA SITE: Chepeta - Whiterocks
DRAINAGE: Duchesne River
ELEVATION: 10,350' WY - 84
INCHES OF WATER IN SNOWPACK
0
10
20
30
7 14 21 31 OCTOBER
7 14 21 30 NOVEMBER
7 14 21 31 DECEMBER
7 14 21 31 JANUARY
7 14 21 28 FEBRUARY
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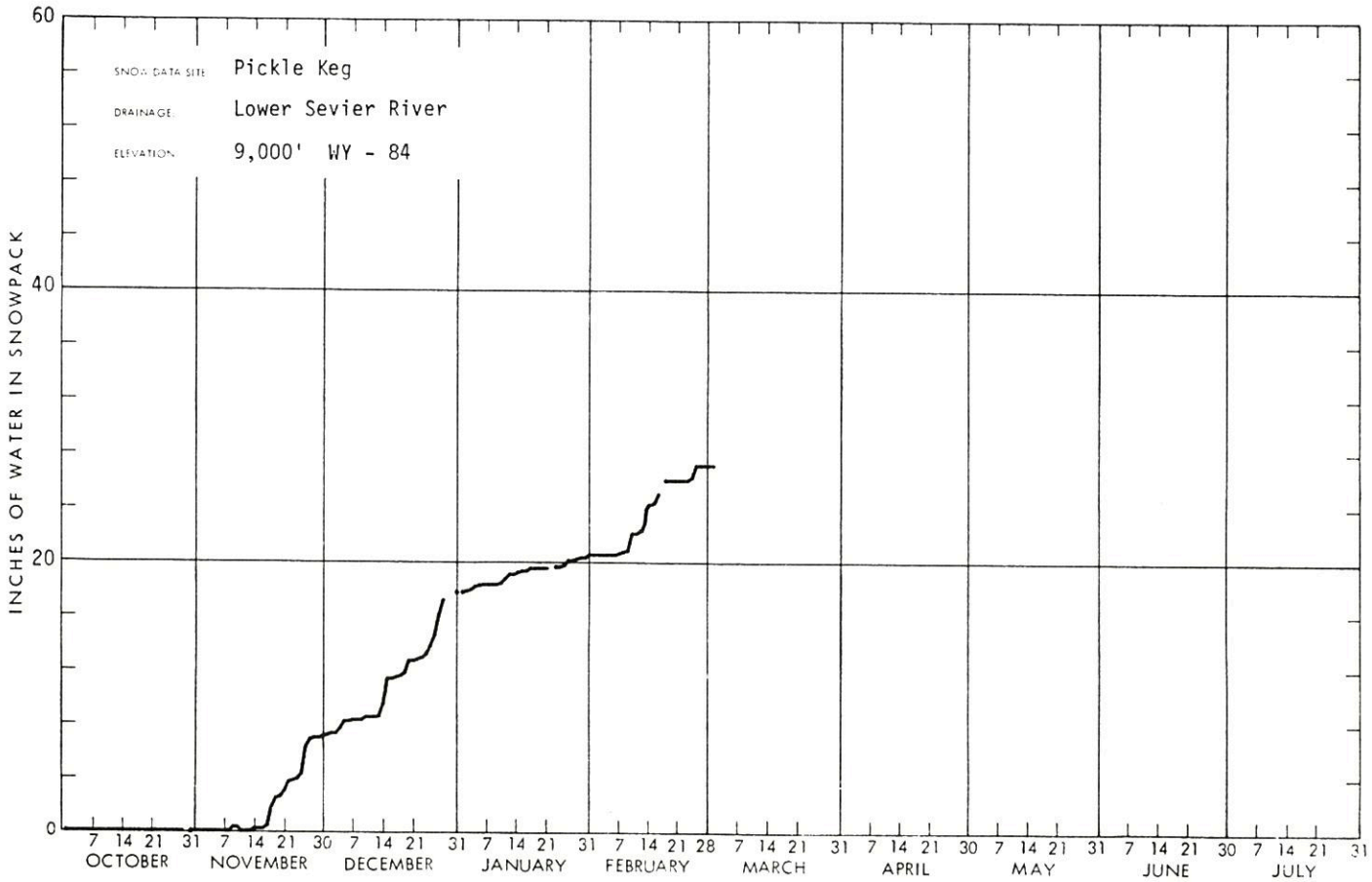
7 14 21 31 JULY


SNOW DATA SITE: Pickle Keg
DRAINAGE: Lower Sevier River
ELEVATION: 9,000' WY - 84
INCHES OF WATER IN SNOWPACK
0
20
40
60
7 14 21 31 OCTOBER
7 14 21 30 NOVEMBER
7 14 21 31 DECEMBER
7 14 21 31 JANUARY
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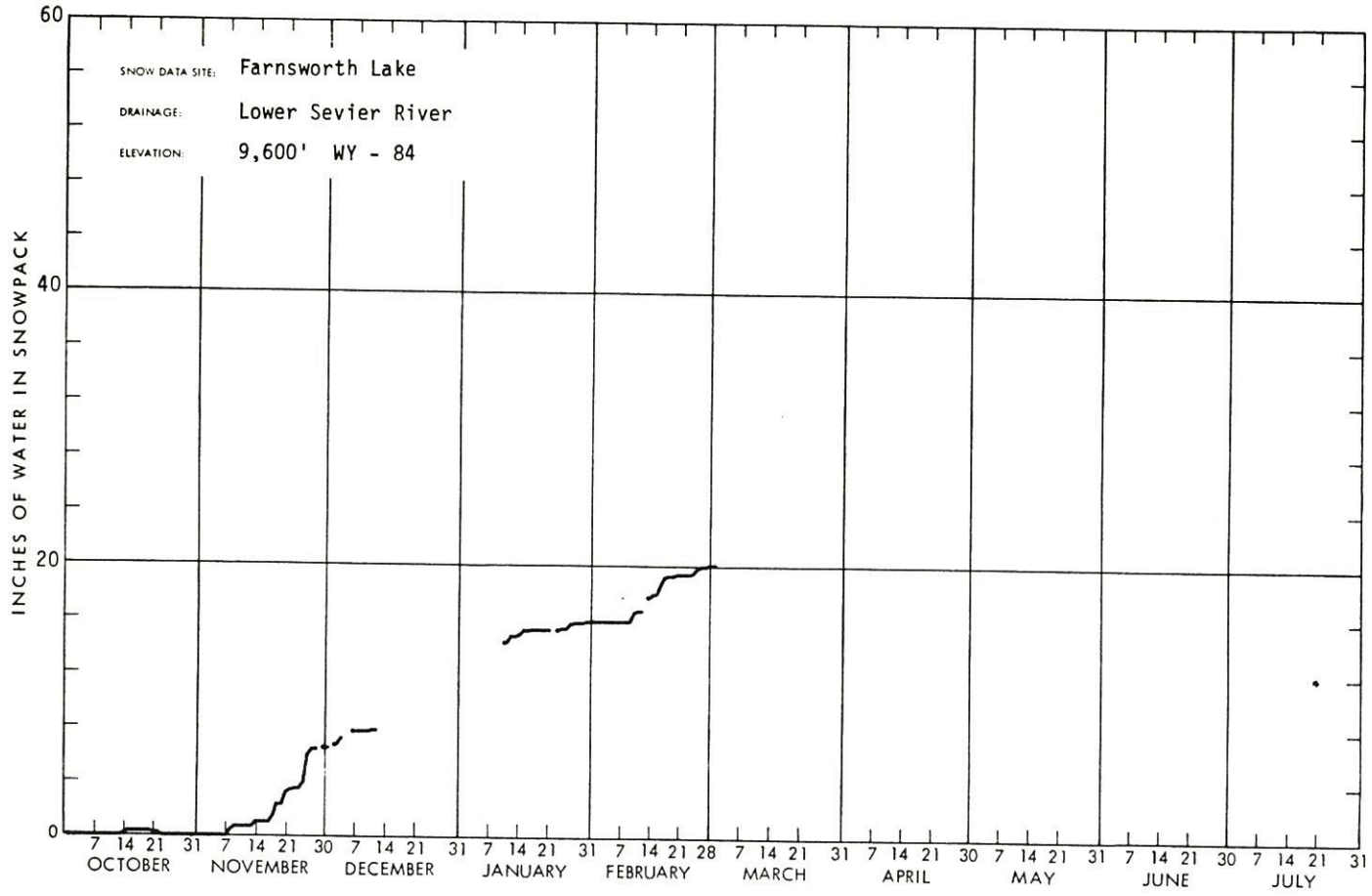
SNOW DATA SITE: Farnsworth Lake
DRAINAGE: Lower Sevier River
ELEVATION: 9,600' WY - 84
INCHES OF WATER IN SNOWPACK
60
40
20
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7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 31 7 14 21 28 7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 30 7 14 21 31
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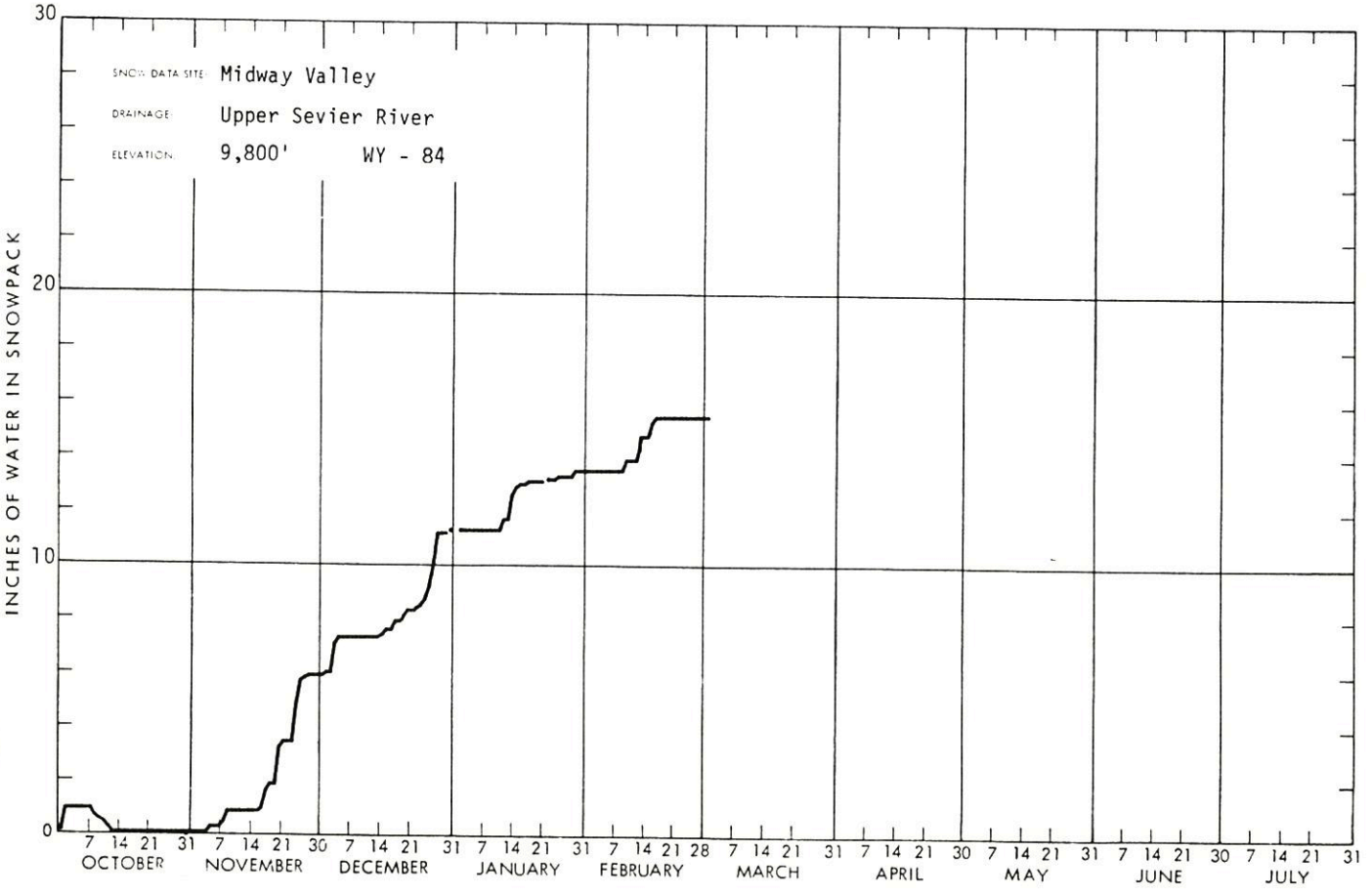
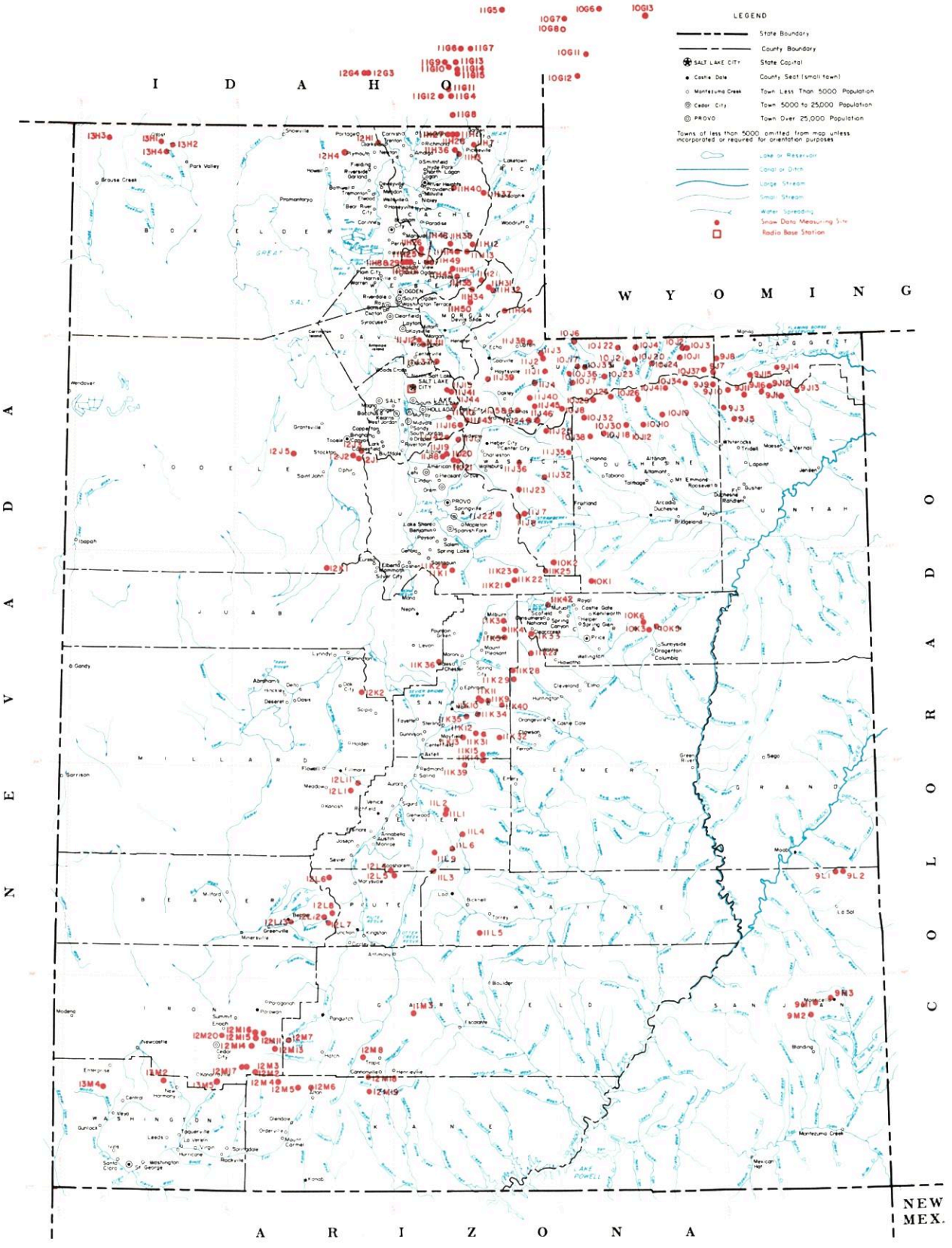

SNOW DATA SITE: Midway Valley
DRAINAGE: Upper Sevier River
ELEVATION: 9,800' WY - 84
INCHES OF WATER IN SNOWPACK
30
20
10
0
7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 31 7 14 21 28 7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 30 7 14 21 31
OCTOBER NOVEMBER DECEMBER JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY



SNOW COURSES AND RELATED DATA MEASURING SITES

UTAH

1982

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 1981 M7-UT-42021

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
11H30 PST	U	Ben Lomond Trail	2	7N	1W	6,000
11H35p	U	Causey Dam	34	7N	3E	5,500
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
11J45p	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
11J39pa	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
11K1P	U	Payson R.S.	30	10S	3E	8,050
11K2	U	Rock Bridge	14	10S	2E	6,750
11J25P	U	Soapstone R.S.	9	3S	8E	7,800
11J19	U	South Fork R.S.	24	4S	2E	6,100
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
12L6PST	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
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
11K42P	U	Dry Valley Divide Alternate	14	11S	7E	8,100
10K3M	U	Grassy Trail Creek-Left Fork	1	14S	13E	7,970
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
11K25	U	White River #3	30	10S	8E	7,400
		SAN RAFAEL RIVER				
11K31PST	U	Buck Flat	23	19S	4E	9,400
11K4	U	Gooseberry Reservoir	25	13S	5E	8,700
11K5P	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
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				
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 (examples)

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	Sentel Data Site

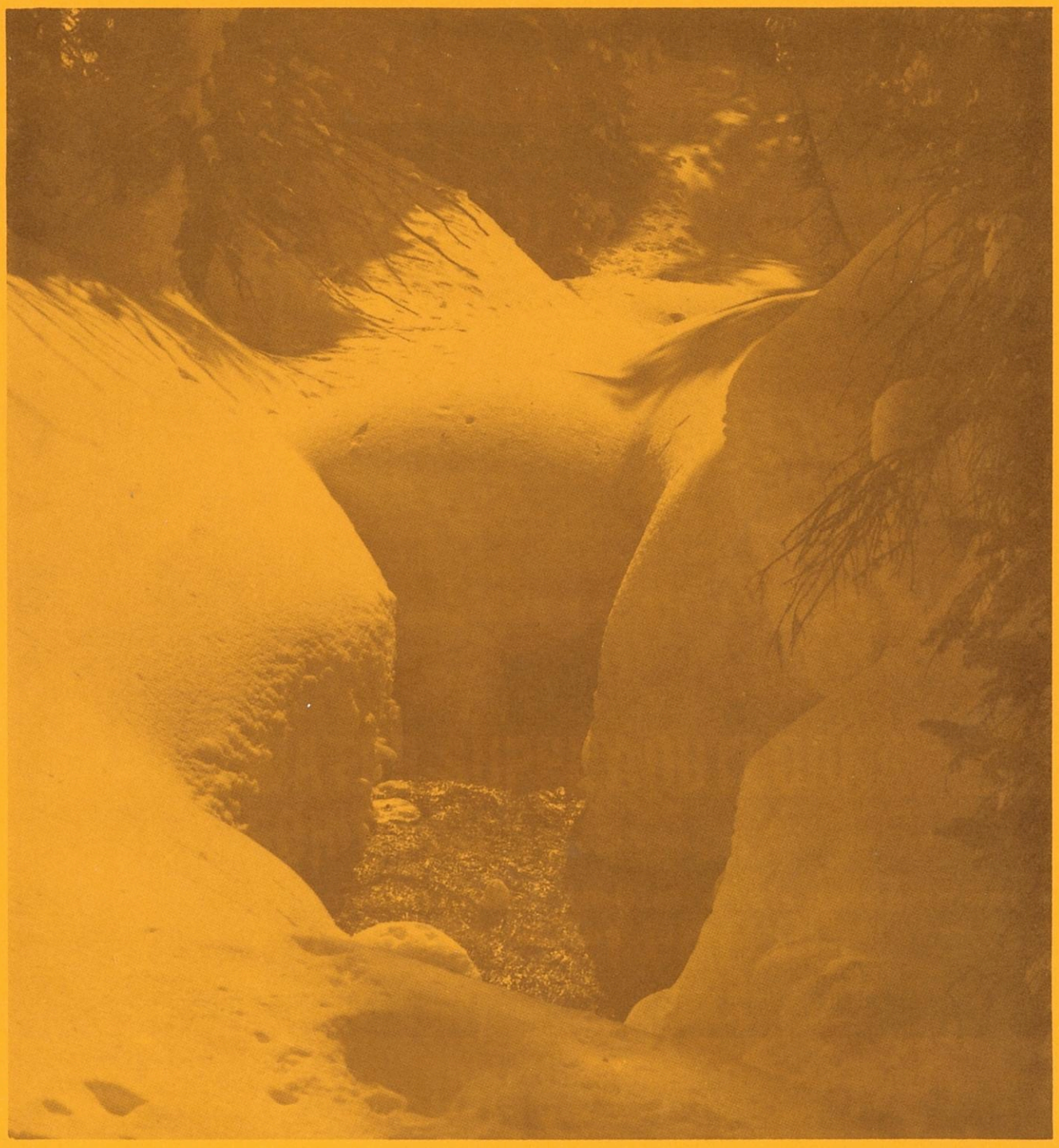
United States
Department of
Agriculture

Soil
Conservation
Service

Salt Lake City
Utah

WATER SUPPLY OUTLOOK FOR UTAH

in Cooperation with Utah State Department of Natural Resources



April 1, 1984

WATER SUPPLY OUTLOOK FOR UTAH

and

FEDERAL-STATE-PRIVATE COOPERATIVE SNOW SURVEYS

Issued by

PETER C. MYERS
CHIEF
SOIL CONSERVATION SERVICE
WASHINGTON, D.C.

Released by

FRANCIS T. HOLT
STATE CONSERVATIONIST
SOIL CONSERVATION SERVICE
SALT LAKE CITY, UTAH

In Cooperation with

UTAH STATE DEPARTMENT OF NATURAL RESOURCES

DEE C. HANSEN
State Engineer
Division of Water Rights

DANIEL F. LAWRENCE
Director
Division of Water Resources

Report prepared by Snow Survey Staff

BOB L. WHALEY, Supervisor

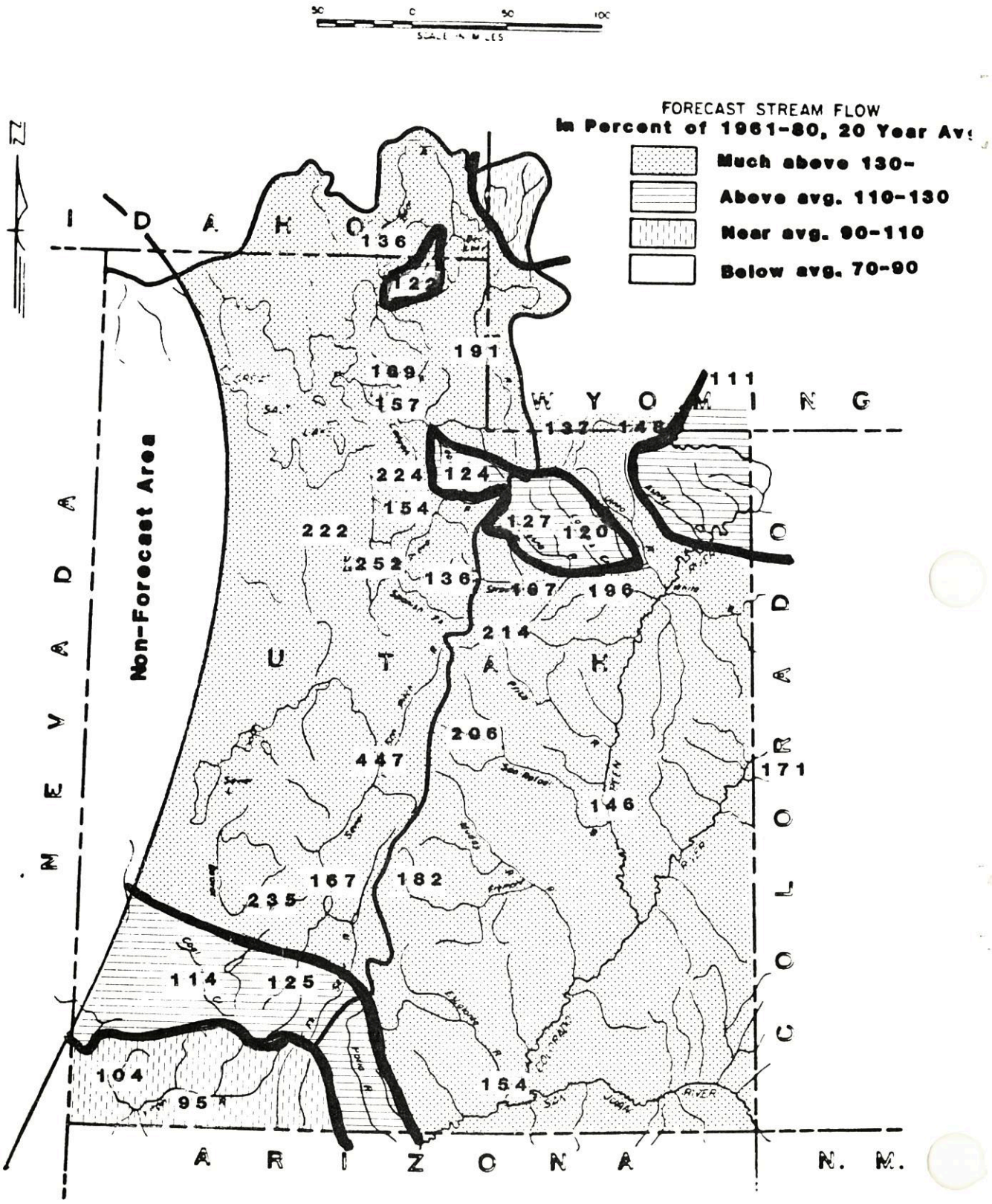
Soil Conservation Service
125 So. State, Fed. Bldg.
P.O. Box 11350
Salt Lake City, Utah 84147

PROSPECTIVE WATER SUPPLIES

Based on Snow Surveys Made on
UTAH and BEAR RIVER WATERSHEDS

April 1, 1984

Approximate Date



USDA-SCS-PORTLAND, OREG. 1110 M-2053

As of April 1, 1984

* Utah's 1984 Water Supply Outlook ranges from near average to well above average. Snow water content varies from about one-fourth of average in the southwestern corner to nearly two times average in the central portion of the state. Watershed soils, with the exception of the southwestern corner, are generally wetter than last year. Reservoir storage is above average. Streamflow forecasts range from slightly below average on the Virgin River to more than seven times average on the Sevier River.

SNOW COVER

Snow measurements, except for the southwestern corner of the state, show a near average increase during March and now range from 26% of average for Enterprise-New Harmony drainages to 186% on the Tooele Valley and Vernon Creek watersheds. Several new records for April 1 snowpack were set this year: Ben Lomond Peak on the Ogden; Buck Flat and Red Pine Ridge on the San Rafael; and Farnsworth Lake, Gooseberry R.S., and Pickle Keg Springs on the Lower Sevier. Basin snow water equivalent as a percent of average for the first of April is as follows: Bear 127%, Logan 119%, Ogden 153%, Weber 135%, Provo-Utah Lake 129%, Duchesne 113%, Price 136%, San Rafael 168%, Fremont 183%, Upper Sevier 95%, Lower Sevier 172%, Beaver 146%, Coal Creek 65%, and Virgin River 50%.

PRECIPITATION

Precipitation during March at mountain stations ranged from 15% at Little Grassy Creek above Enterprise to 226% at Fish Lake above Loa.

SOIL MOISTURE

Watershed soils are generally wetter than normal and wetter than last year with the exception of the southwest corner.

RESERVOIR STORAGE

Reservoir storage in 28 of Utah's key irrigation reservoirs is 126% of average and 88% of usable capacity. Many reservoirs have released water in anticipation of heavy runoff this spring and all are expected to fill with the possible exception of Enterprise Reservoir.

(More)

STREAMFLOW FORECASTS

Streamflow forecasts have generally stayed at about the same levels as forecast last month in the northern part of the state. Central Utah forecasts have generally increased and Southern Utah forecasts have decreased.

Forecasts by basin are as follows: Bear, 96% on Smith's Fork to 199% on Big Creek; Ogden, 151% on South Fork to 169% for Pineview-Inflow; Weber, 124% at Oakley to 216% on East Canyon Creek; Provo-Utah Lake, 136% for Strawberry Reservoir Inflow to 252% for Utah Lake Inflow; Jordan River, 139% for Little Cottonwood Creek to 257% for Emigration Creek; Duchesne, 113% for Rock Creek to 196% at Myton; Price-San Rafael-Muddy, 188% on Huntington Creek to 237% for the Price at Heiner; Sevier, 125% at Hatch to 712% for the Sigurd to Gunnison reach; Beaver, 235% near Beaver to 382% for Minersville Reservoir Inflow; Virgin River 95% and Coal Creek 114%.

The Colorado River is forecast 171% near Cisco and 154% for Lake Powell Inflow. The Green River is forecast 111% for Flaming Gorge Inflow and 146% at Green River.

The potential for high peak flows exists on the Lower Sevier, San Pitch, San Rafael, Price, Beaver, and on and around Utah Lake and the Jordan River and their tributaries.

The Great Salt Lake is expected to peak at between 4,208.0 and 4,209.0 feet and Utah Lake at 5.0 to 6.0 feet above compromise, the highest ever recorded. Property owners should take precautions to protect property near these lakes where possible.

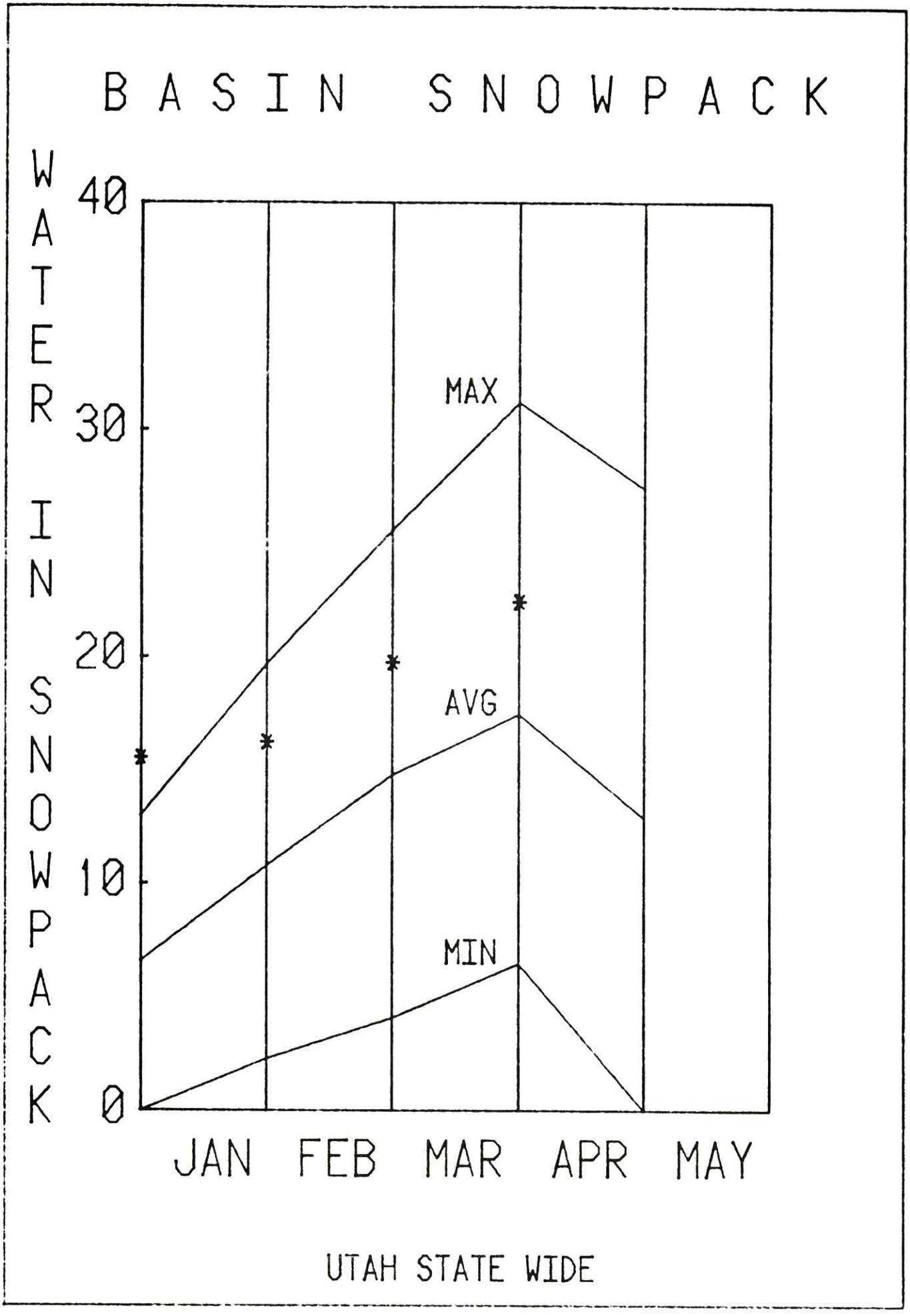
The above forecasts assume normal precipitation and temperature during the snow melt period.

RESERVOIR STORAGE (Thousand Acre Feet) END OF MONTH

Basin or Stream	RESERVOIR	Usable Capacity	Usable Storage		
			This Year	Last Year	Average+
GREAT BASIN					
Bear River	Bear Lake	1421.0	1056.4	1101.5	991.5
	Woodruff Narrows	55.8	49.3	36.4[a]	--
	Woodruff Creek	3.5	3.5	3.5[a]	--
Beaver River	Minersville (RkyFd)	26.0	24.0	24.6	14.3
Little Bear	Hyrum	15.3	10.6	10.6[a]	12.2
	Porcupine	11.3	8.5	4.6[a]	5.0[b]
Ogden	Causey	6.9	0.8	1.4	2.6[b]
	Pineview	110.1	20.4	79.8	55.6
Provo	Deer Creek	149.7	118.1	112.3	97.9
Settlement Creek	Settlement Creek	1.2	0.8	0.9	0.8[b]
	Vernon Creek	0.6	0.4	0.4	0.5[b]
Sevier River	Gunnison	18.2	13.8	15.7	16.3[b]
	Otter Creek	52.5	50.2	50.2	35.8
	Piute	71.8	58.0	58.0	46.2
	Sevier Bridge	236.0	221.2	232.0	136.2
	Panguitch Lake	22.3	20.9	21.0[a]	--
Spanish Fork	Strawberry	270.0	270.0	256.8	145.9
Utah Lake	Utah Lake	883.9	1236.7	1134.0	722.9
Weber	East Canyon	48.1	16.7	38.9	36.6[b]
	Echo	73.9	34.1	52.2	49.5
	Lost Creek	20.0	5.5	15.2	13.3[b]
	Rockport	60.9	27.3	44.5	30.9
	Willard Bay	193.3	111.4	167.0	153.6[b]
COLORADO R. BASIN					
Ashley Creek	Steinaker	33.3	26.2	30.6	22.6[b]
	Red Fleet	26.0	18.0	22.4	--
Colorado	Blue Mesa	829.5	245.1	445.8	--
	Lake Powell	25002.0	21057.0	22603.0	--
Green	Flaming Gorge	3749.0	3054.5	3173.8	--
Lakefork	Moon Lake	35.8	29.4	31.9	18.3
Price River	Scofield	65.8	44.4	38.3	33.3
San Juan	Navajo	1696.0	1333.0	1323.7	--
	Ken's Lake	2.3	0.7	0.9	--
San Rafael	Huntington North	3.9	2.8	3.7	3.8[b]
	Joe's Valley	54.6	37.5	45.1	45.6[b]
	Mill Site	16.7	13.9	16.7	4.6[b]
Strawberry	Currant Creek	15.5	5.2	--	--
	Starvation	165.3	102.6	117.0	114.1[b]
	Soldier Creek	951.4	60.0	35.1	--
Uintah	Bottle Hollow	11.3	11.1	11.1	10.6[b]

a - Partly estimated
b - Average of past record in average period - less than 20 years
+ - 1961-80 20 year average period

SOIL CONSERVATION SERVICE PORTLAND, OREGON 1981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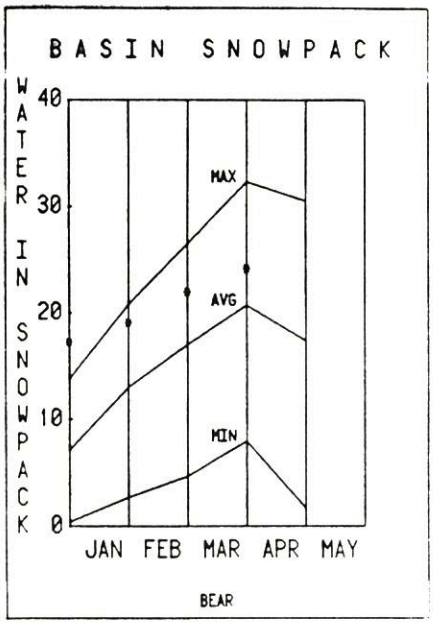
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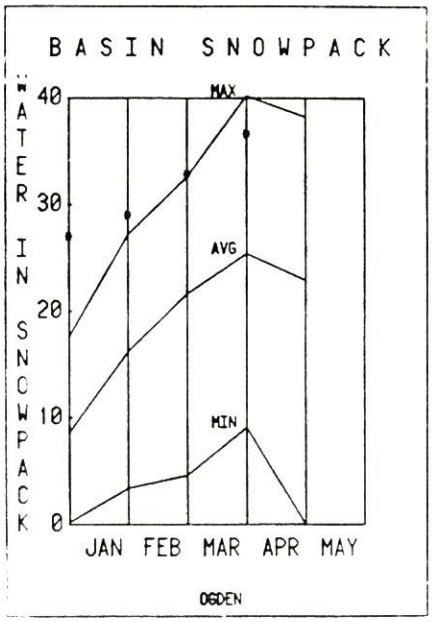
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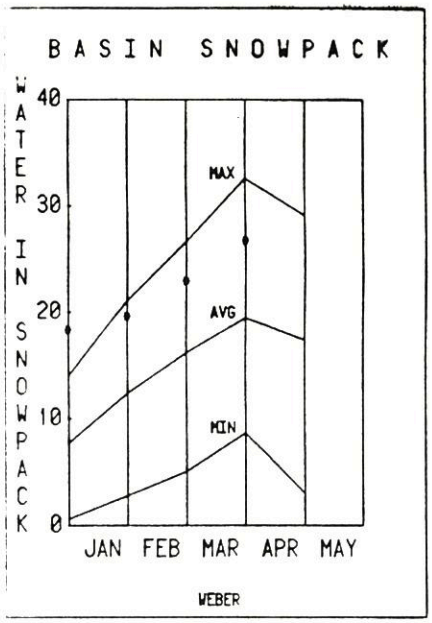
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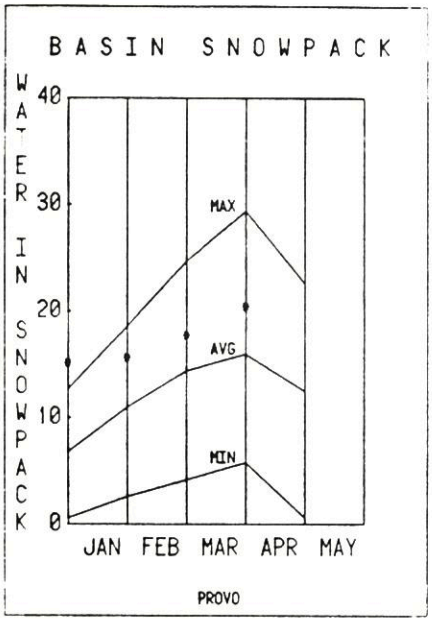
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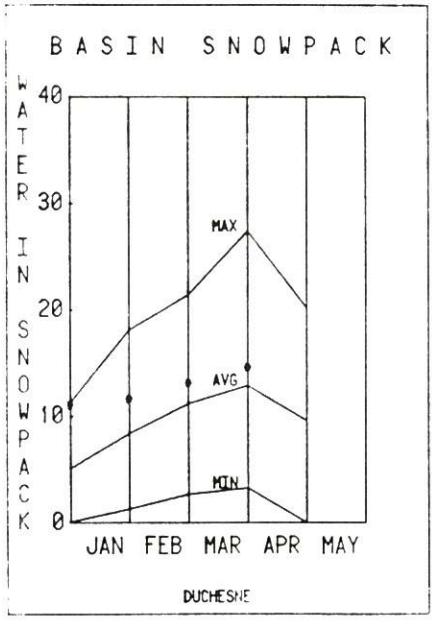
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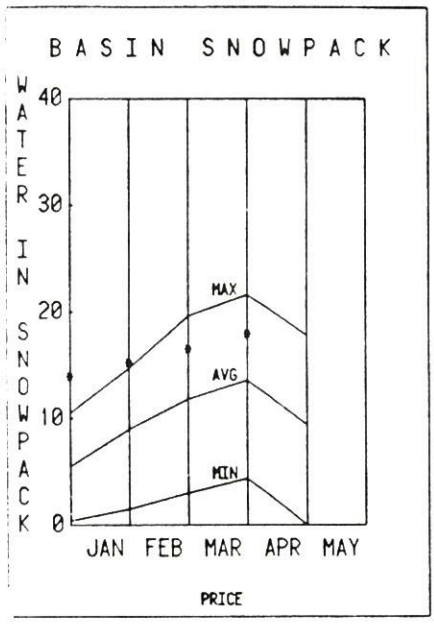
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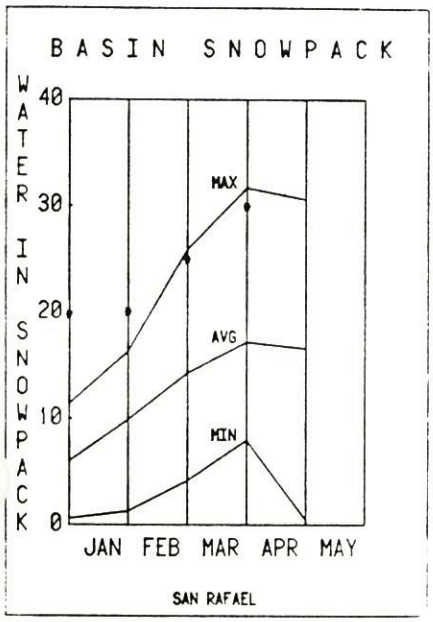
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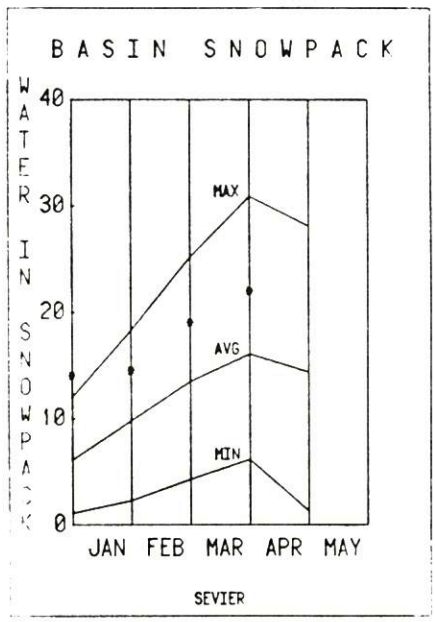
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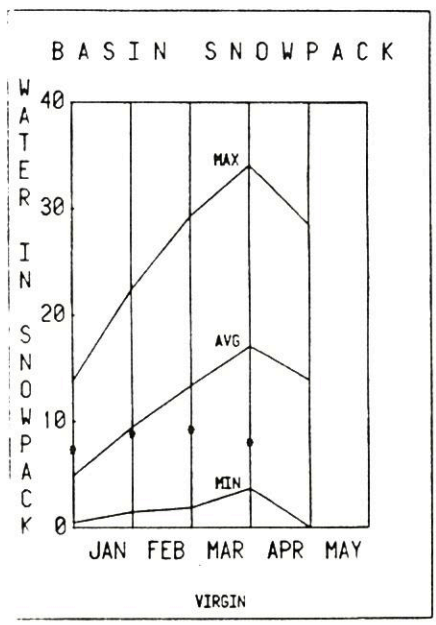
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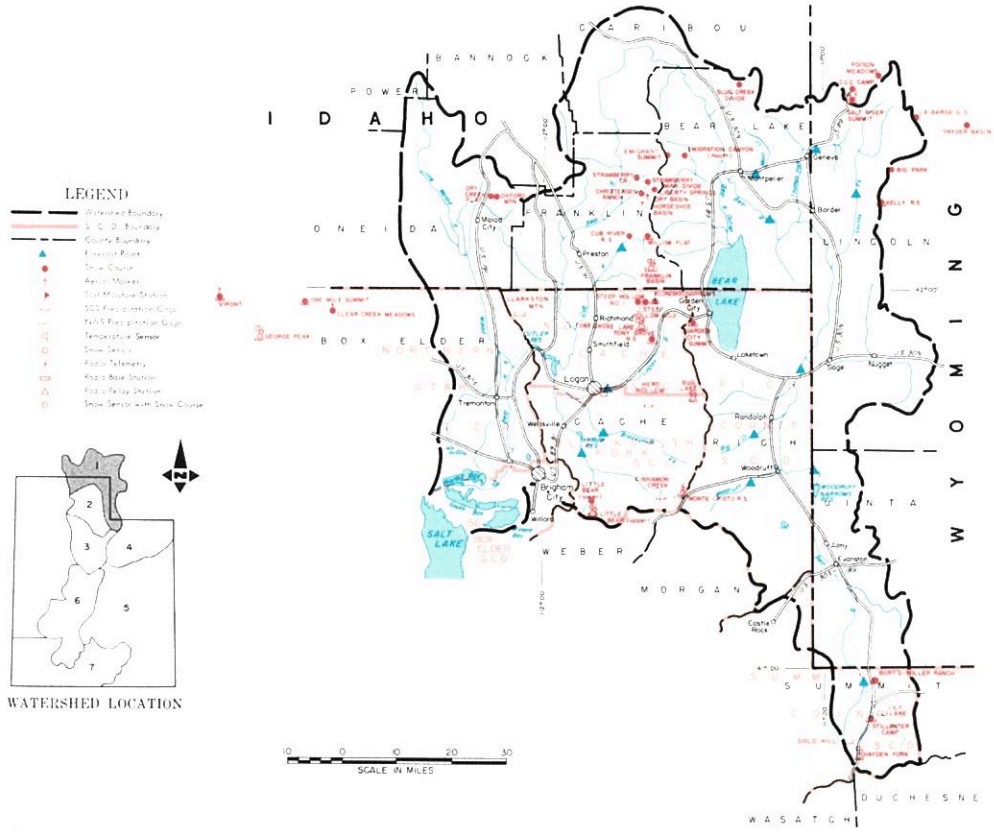
WATER SUPPLY OUTLOOK
BEAR RIVER BASIN in UTAH

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



APRIL 1, 1984

THE WATER SUPPLY OUTLOOK IS ABOVE AVERAGE

SNOW COVER ranges from 111% on the Upper Bear to 130% on the Lower Bear. Snowpack on the Logan River is 119% and the Raft River Mountains are at 137% of the April 1 average.

PRECIPITATION at mountain stations ranged from 39% of the March average at Willow Flat to 168% at Tony Grove Lake.

SOIL MOISTURE is well above average.

RESERVOIR STORAGE is above average with the exception of Hyrum Reservoir where storage is less than average but the same as last year in anticipation of heavy runoff. Bear Lake is starting to fill now after being drawn down to allow storage for spring runoff.

STREAMFLOW FORECASTS for most stations decreased slightly from last month. Forecasts range from 96% for Smith's Fork to 199% for Big Creek. The Bear is forecast 149% at the Utah-Wyoming Stateline, 191% at Woodruff, 195% at Randolph, and 140% at Harer. Woodruff Creek is 145%, Thomas Fork 100%, Logan 122%, Blacksmith Fork 155%, Little Bear 149%, and Cub River 136%.

Peak flows are expected to range from near average on Smith's Fork to nearly twice average for Big Creek. Precautions should be taken to prevent property damage near streams with high forecasts. All water users should have adequate water supplies this season.

USDA SCS PORTLAND, OR 1981 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 3	PAST RECORD THOUSAND ACRE FEET Average †
BEAR RIVER					
Bear nr UT-Wyo. State Line	164	149	Apr-July	164	110
Bear nr Woodruff 1/	265	191	Apr-July	275	139
Woodruff Crk nr Woodruff, UT	25	145	Apr-July	30	17.3[b]
Big Creek nr Randolph, UT	10.5	199	Apr-July	--	5.3[b]
Bear nr Randolph 1/	215	195	Apr-July	294	110
Thomas Fork nr ID-WY State Ln	35	100	Apr-Sept	--	35
Smith's Fork nr Border, WY	114	96	Apr-Sept	--	119
Bear at Harer, Idaho 1/	434	140	Apr-Sept	688	310
Logan nr Logan 1/	141	122	Apr-July	167	116
Blacksmith Fork nr Hyrum	79	155	Apr-July	87	51
Little Bear nr Paradise	57	149	Apr-June	80	38
Cub River nr Preston, ID	64	136	Apr-July	--	47

SUMMARY of SNOW MEASUREMENTS (in comparison with the last 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	35	133	127
UPPER BEAR RIVER	7	126	111
LOWER BEAR RIVER	28	134	130
LOGAN RIVER	7	113	119
UPPER RAFT RIVER	4	98	137

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
a - Partly estimated
b - Average of all past record - less than 20 years
e - Maximum mean daily peak flow
+ - 1961-80 20 year Average Period
* - Forecast in cooperation with National Weather Service

RESERVOIR STORAGE (Thousand Acre Feet)

BASIN OR STREAM	RESERVOIR	Useable Capacity	USEABLE STORAGE This Year	USEABLE STORAGE Last Year	USEABLE STORAGE Average †
BEAR RIVER	Bear Lake	1421.0	1056.4	1101.5	991.5
	Woodruff Narrows	55.8	49.3	36.4[a]	--
	Woodruff Creek	3.5	3.5	3.5[a]	--
LITTLE BEAR	Hyrum	15.3	10.6	10.6[a]	12.2
	Porcupine	11.3	8.5	4.6[a]	5.0[b]

PEAK FLOWS e

FORECAST POINT	PEAK FLOW (SECOND FEET) Forecast Range	PEAK FLOW (SECOND FEET) Average †
Bear nr. Ut.-Wyo. Stateline	2080-2460	1506
Woodruff Creek nr Woodruff	300-440	253
Big Creek nr Randolph	80-120	48[b]
Logan River nr Logan	960-1260	980
Little Bear nr Paradise	610-930	519

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	4/3	26	7.1	4.8	6.1
Cub River R.S.	3/29	38	15.2	5.3	7.1
Emigrant Summit	3/30	85	32.8	26.1	25.7
Franklin Basin	3/29	82	31.3	24.6	28.3
Garden City Summit	3/29	57	20.7	15.9	18.7
Hayden Fork	4/3	54	18.3	14.4	16.0[b]
Klondike Narrows	3/29	62	24.9	18.2	20.9

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 †
Little Bear Lower	3/28	38	13.6	9.0	10.2
Little Bear Upper	3/28	48	18.2	10.8	13.2
Monte Cristo	3/28	74	29.0	23.4	26.1
Salt River Summit	3/29	51	15.8	14.0	17.1
Stillwater Camp	4/3	43	13.0	10.0	11.1
Tony Grove R.S.	3/29	45	18.0	10.4	12.0

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SOIL CONSERVATION SERVICE
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Salt Lake City, Utah 841138

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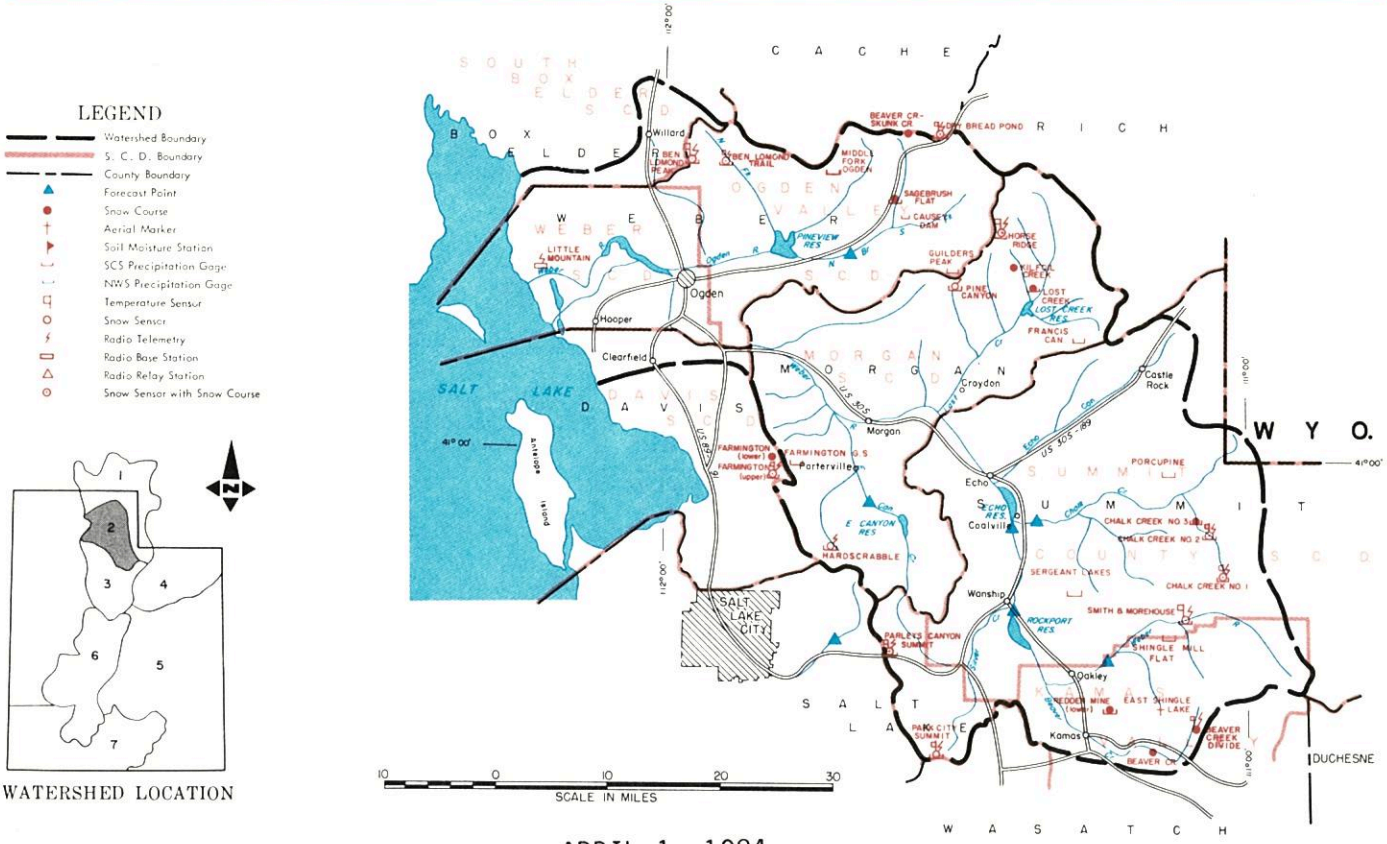
WATER SUPPLY OUTLOOK

WEBER-OGDEN WATERSHEDS in UTAH

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



APRIL 1, 1984

THE WATER SUPPLY OUTLOOK IS ABOVE AVERAGE

SNOW COVER ranges from 135% of the April 1 average on the Weber River to 153% on the Ogden River. This year's snow cover is 13% more than last April 1st on the Weber River and 38% above last year on the Ogden River.

PRECIPITATION at mountain stations ranged from 51% of the March average at Dry Bread Pond to 139% at Ben Lomond Peak on the Ogden. Weber River precipitation ranged from 58% of average at Lost Creek to 110% at Chalk Creek #1.

SOIL MOISTURE is above average and wetter than last year.

RESERVOIR STORAGE has been drawn to make space for spring runoff and is now 54% of last April 1 and 63% of the 20 year average.

STREAMFLOW FORECASTS changed very little from last month and now range from 124% of the April-June average for the Weber at Oakley to 216% for East Canyon Creek. The South Fork Ogden is now forecast 151% and Pineview Inflow 169%.

Weber River forecasts are as follows: Rockport Inflow 128%, Coalville 129%, Chalk Creek 169%, Echo Inflow 145%, Gateway 157%, Lost Creek 186% and Hardscrabble Creek 155% of the April-June average. Maximum mean daily peak flows are forecast to be about 120% of average for the Weber at Oakley, 145% for South Fork Ogden, and 171% for Chalk Creek at Coalville. Measures should be taken to protect property along stream channels.

USDA-SCS-FORT WORTH, TEXAS 1983 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	126	124	Apr-June	144	102
Rockport Reservoir Inflow 1/	142	128	Apr-June	164	111
Chalk Creek at Coalville	61	169	Apr-June	67	36
Weber nr Coalville 1/	154	129	Apr-June	187	119
Lost Creek nr Croydon, UT 1/	29	186	Apr-June	37	15.6[a]
East Canyon Creek nr Morgan 1/	54	216	Apr-June	53	25
Hardscrabble Crk nr Porterville 1/	29	155	Apr-June	--	18.4[a]
S. Fork Ogden nr Huntsville 1/	86	151	Apr-June	96	57[a]
Pineview Reservoir Inflow 1/	195	169	Apr-June	207	115[a]
Echo Reservoir Inflow 2/	210	145	Apr-June	227	145
Weber at Gateway 1/	471	157	Apr-June	574	300
JORDAN RIVER & SALT LAKE					
Farmington Crk nr Farmington	13.8	168	Apr-July	--	8.2[b]

SUMMARY of SNOW MEASUREMENTS (in 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	6	138	153
WEBER RIVER	13	113	135

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
a - Partly estimated
b - Average of all past record - less than 20 years
e - Maximum mean daily peak flow
+ - 1961-80 20 year Average Period
* - Forecast in cooperation with National Weather Service

RESERVOIR STORAGE (Thousand Acre Feet)

BASIN OR STREAM	RESERVOIR	Useable Capacity	USEABLE STORAGE This Year	USEABLE STORAGE Last Year	USEABLE STORAGE Average †
OGDEN	Causey	6.9	0.8	1.4	2.6[b]
	Pineview	110.1	20.4	79.8	55.6
WEBER	East Canyon	48.1	16.7	38.9	36.6[b]
	Echo	73.9	34.1	52.2	49.5
	Lost Creek	20.0	5.5	15.2	13.3[b]
	Rockport	60.9	27.3	44.5	30.9
	Willard Bay	193.3	111.4	167.0	153.6[b]

PEAK FLOWS e

FORECAST POINT	PEAK FLOW (SECOND FEET) Forecast Range	PEAK FLOW (SECOND FEET) Average †
South Fork Ogden nr Huntsville	930-1300	763
Chalk Creek nr Coalville	700-1040	510
Weber nr Oakley	1620-2080	1540

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.	3/31	32	12.2	9.8	7.6
Beaver Creek-Skunk Creek	3/28	42	16.6	11.7	12.4
Ben Lomond Peak	3/28	154	63.1[a]	45.0	38.3
Ben Lomond Trail	3/28	70	30.4	23.6	17.5
Chalk Creek #1	3/31	72	27.4	24.1	22.6
Chalk Creek #2	3/31	52	18.2	15.5	15.5
Chalk Creek #3	3/31	30	10.1	7.8	7.6
Dry Bread Pond	3/28	62	24.2	18.7	19.5

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 †
Horse Ridge	3/28	69	27.5	20.8	22.3[b]
Lost Creek Reservoir	3/28	16	6.5	0.0	2.4[a]
Monte Cristo	3/28	74	29.0	23.4	26
Parleys Canyon Summit	3/28	73	26.5	21.4	1
Sagebrush Flat	3/28	10	3.2	1.0	
Smith & Morehouse	3/31	48	17.6	13.8	13.
Trial Lake	3/31	69	26.3	26.8	24.5

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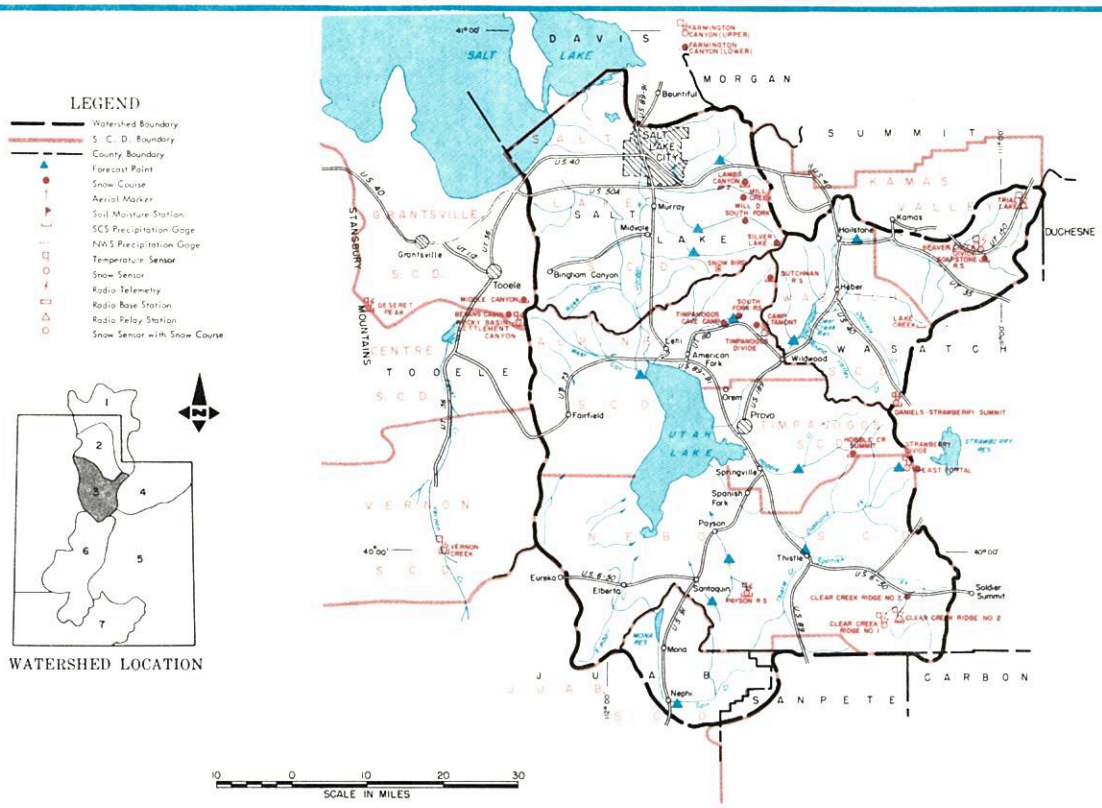
WATER SUPPLY OUTLOOK

UTAH LAKE, JORDAN RIVER and TOOELE VALLEY WATERSHEDS in UTAH

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



APRIL 1, 1984

THE WATER SUPPLY OUTLOOK IS WELL ABOVE AVERAGE

SNOW COVER now ranges from 129% of the April 1 average for the Provo River and Utah Lake drainage to 186% for Tooele Valley and Vernon Creek. The Jordan River-Salt Lake Front is 128% of average.

PRECIPITATION at mountain stations ranged from 71% of the March average for Vernon Creek to 166% at Payson Ranger Station.

SOIL MOISTURE is above average and wetter than last year.

RESERVOIR STORAGE is above average with Utah Lake at 3.45 feet above compromise and forecast to peak at 5 to 6 feet above compromise. The Great Salt Lake rose another 0.65 foot during March and now stands at 4,207.35 feet above mean sea level, 4.15 feet higher than a year ago and forecast to rise to 4,208 to 4,209 feet above mean sea level.

STREAMFLOW FORECASTS now range from 136% of average for Strawberry Reservoir Inflow to 257% for Emigration Creek. The Provo River is forecast 151% at Hailstone and 167% below Deer Creek Reservoir. American Fork is forecast 161%, Hobble Creek 237%, Spanish Fork 243%, Payson 202% and Utah Lake Inflow 252%. Salt Lake Front forecasts are as follows: Little Cottonwood 139%, Big Cottonwood 154%, Parley's Creek 224%, Mill Creek 203%, Emigration Creek 257%, and City Creek 179%.. Tooele Valley watershed forecasts are 222% for Settlement Creek and 143% for South Willow. Vernon Creek is forecast 242% of the April-June average.

Peak flows are forecast 1 1/2 to 3 times normal. Action should be taken to protect property along stream channels. Water supplies should be more than adequate this year.

USDA-SCS-FORT WORTH, TEXAS 1983 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 3	PAST RECORD THOUSAND ACRE FEET Average †
PROVO RIVER AND UTAH LAKE					
Provo nr Hailstone 1/	160	151	Apr-July	160	106
Provo below Deer Creek Dam1/	200	167	Apr-July	--	118
American Fork nr American Fk.	50	161	Apr-July	--	31
Hobble Creek nr Springville	41	237	Apr-July	--	18.7[b]
Strawberry Reservoir Inflow1/	72	136	Apr-July	147	53
Spanish Fork at Thistle	97	243	Apr-July	--	40
Payson Creek nr Payson	12.5	202	Apr-July	--	6.2
Utah Lake Inflow	600	252	Apr-July	--	238
JORDON RIVER & SALT LAKE					
Little Cottonwood Crk nr SLC	53	139	Apr-July	63	38
Big Cottonwood nr SLC	57	154	Apr-July	61	37
Parley's Creek nr SLC	33	224	Apr-July	42	14.8
Mill Creek nr SLC	12	203	Apr-July	13.6	5.8
Emigration Creek nr SLC	9.5	257	Apr-July	13.9	3.7
City Creek nr SLC	14.0	179	Apr-July	21.6	7.7
TOOELE VALLEY					
Settlement Crk nr Tooele	5.1	222	Apr-July	--	2.3[b]
S. Willow Crk nr Grantsville	4.3	143	Apr-July	4.3	3.0[b]
Vernon Creek nr Vernon	2.0	242	Apr-June	4.7	0.8

SUMMARY of SNOW MEASUREMENTS (COMPARISON WITH PREVIOUS YEARS)

RIVER BASIN 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	96	129
JORDON RIVER & SALT LAKE	5	106	128
TOOELE VALLEY & VERNON CREEK	5	120	186

1 - Observed flow corrected for change in storage and diversions
3 - Provisional flows - subject to correction
a - Partly estimated
b - Average of past record - less than 20 years
+ - 1961-80 20 year average period
e - Maximum mean daily peak flow
* - Forecast in cooperation with National Weather Service

RESERVOIR STORAGE (Thousand Acre Feet)

BASIN OR STREAM	RESERVOIR	Useable Capacity	USEABLE STORAGE This Year	USEABLE STORAGE Last Year	USEABLE STORAGE Average †
SPANISH FORK	Strawberry	270.0	270.0	256.8	145.9
UTAH LAKE	Utah Lake	883.9	1236.7	1134.0	722.9
	Settlement Creek	1.2	0.8	0.9	0.8[b]
	Vernon Creek	0.6	0.4	0.4	0.5[b]
PROVO	Deer Creek	149.7	118.1	112.3	97.9

PEAK FLOWS[e]

FORECAST POINT	PEAK FLOW (SECOND FEET) Forecast Range	PEAK FLOW (SECOND FEET) Average †
Big Cottonwood nr Salt Lake City	550-650	442
Little Cottonwood nr Salt Lake City	600-700	384
Provo Near Hailstone	2200-2500	2128
Spanish Fork nr Thistle	1200-1400	451[b]
American Fork nr American Fork	500-600	329
Mill Creek nr Salt Lake City	90-110	59
Parley's Creek nr Salt Lake City	325-375	154
City Creek nr Salt Lake City	120-140	75
Emigration	130-150	--

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	4/3	70	23.4	15.3	11.3
Clear Creek #1	3/29	65	25.2	24.3	19.1
Clear Creek #2	3/29	56	19.5	17.4	14.2
Clear Creek #3	3/29	26	10.4	8.7	5.8
Daniels-Strawberry Summit	3/30	51	17.7	18.2	14.9
Deseret Peak	4/3	116	40.9	39.9	21.7[a]
Hobble Creek Summit	3/30	55	21.6	19.7	14.3
Lambs Canyon #2	3/28	62	23.5	19.8	16.2[a]
Middle Canyon	4/3	78	27.0	18.2	14.4
Mill Creek	3/27	74	26.0	24.1	20.9[a]

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	3/29	64	24.6	24.6	19.8
Parley's Canyon Summit	3/28	73	26.5	21.4	18.8
Payson R.S.	3/30	77	29.1	27.9	19.1
Rocky Basin-Settlement Canyon	4/3	128	45.4	46.0	27.5[b]
Silver Lake Brighton	3/29	76	28.2	31.0	25.8
Soapstone R.S.	3/31	45	14.6	11.9	12.1
South Fork R.S.	3/31	28	10.4	17.1	3.9
Timpanogos Divide	3/31	64	22.8	34.2	25.0
Trial Lake	3/31	69	26.3	26.8	24.5
Vernon Creek	3/31	62	21.6[a]	12.2	10.2[a]

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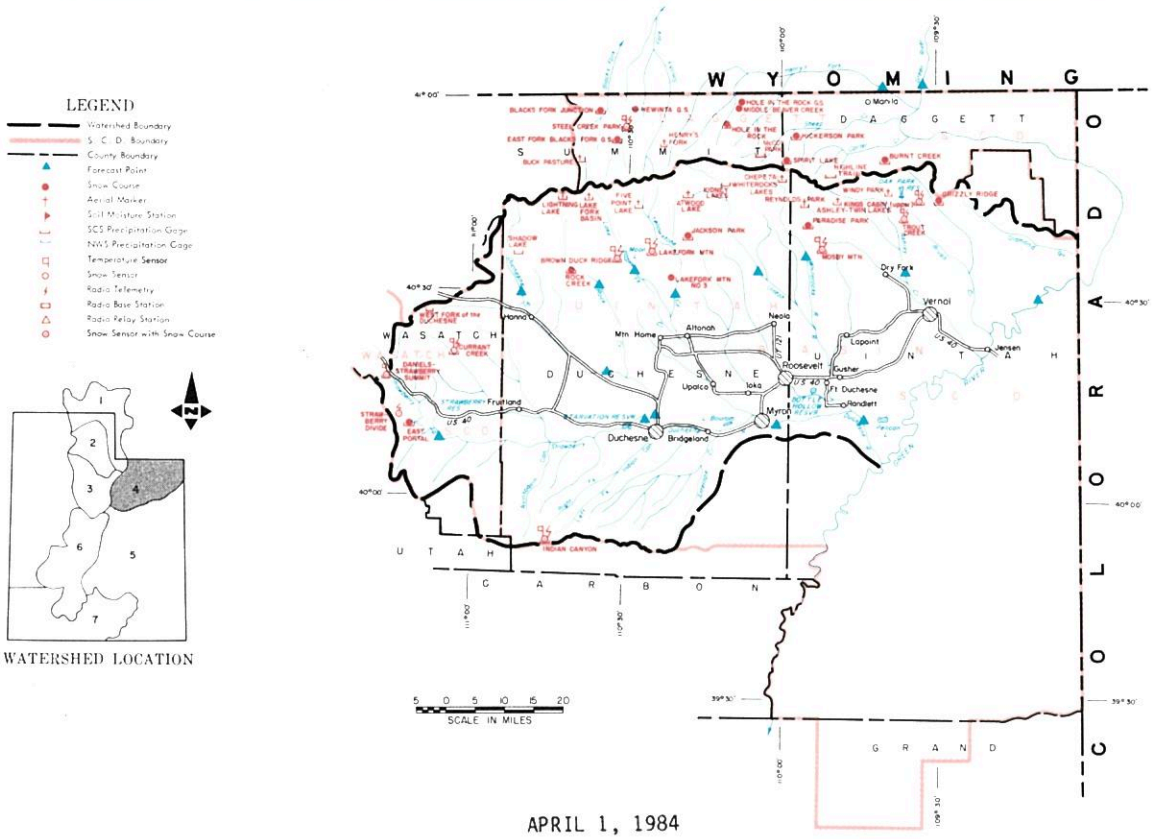
WATER SUPPLY OUTLOOK

UINTAH BASIN and DAGGETT SCD's in UTAH

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



APRIL 1, 1984

THE WATER SUPPLY OUTLOOK IS ABOVE AVERAGE

SNOW COVER ranges from 109% of average on Lakefork-Yellowstone Creeks to 145% on Black's Fork. Strawberry River is 117% of average, Rock Creek 113%, Uintah-Whiterocks 110%, Ashley Creek 121%, Sheep Creek 142%, and Henry's Fork 123%. Most basins have 5 to 33% less snow than last year on April 1. The exception is Black's Fork which has 24% more than last year. Aerial markers showed deep snow in the head of Rock Creek and Lakefork Creek while others were closer to average.

PRECIPITATION at mountain stations ranged from 74% of the March average at Currant Creek to better than twice average at Moseby Mountain and Spirit Lake.

SOIL MOISTURE is above average and wetter than last year.

RESERVOIR STORAGE is above average in Moon Lake and Steinaker and all reservoirs are expected to fill as runoff progresses.

STREAMFLOW FORECASTS remained within ± 5 to 7% of a month ago except for Henry's Fork which raised 17%. The April 1st forecasts range from 111% for Flaming Gorge Inflow to 196% for the Duchesne at Myton. The Duchesne is forecast 127% for the West Fork, 126% at Tabiona, 121% at Duchesne and 187% at Randlett. Strawberry River is forecast 167% at Duchesne, Rock Creek 113%, Currant Creek 155%, Lakefork 120%, Yellowstone 114%, Uintah 130%, Whiterocks 138%, Ashley 127%, Henry's Fork 148% and Black's Fork 137% of the April-July average.

Peak flows are forecast to range from 118% of average (1510-1820 cfs) to 167% for Strawberry (920-1330 cfs). Ashley Creek is expected to be between (910-1410 cfs) or about 120% of average.

The above forecasts assume near normal temperatures and precipitation for the remainder of the melt season. All water users are expected to have adequate water supplies this season.

USDA SCS PORTLAND, OR 1981 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 3	PAST RECORD THOUSAND ACRE FEET Average +
DUCHESNE RIVER					
Duchesne nr Tabiona 1/	132	126	Apr-July	141	105
Duchesne at Duchesne 1/	228	121	Apr-July	290	189
Strawberry at Duchesne	97	167	Apr-July	185	58
Rock Creek nr Mtn. Home	105	113	Apr-July	--	93
Currant Creek nr Fruitland	31	155	Apr-July	54	20
Lakefork below Moon Lake 1/	84	120	Apr-July	--	70
Yellowstone nr Altonah	74	114	Apr-July	--	65
Duchesne at Myton 1/	402	196	Apr-July	--	205
Whiterocks nr Whiterock	80	138	Apr-July	97	58
Uintah nr Neola	112	130	Apr-July	--	86
Duchesne at Randlett 1/	481	187	Apr-July	--	257
West Fork Duchesne at Hanna	33	127	Apr-July	--	26
FLAMING GORGE TO DUCHESNE RIVER					
Henry's Fork nr Manila	71	148	Apr-Sept	162	48
Black's Fork nr Millburne	123	137	Apr-July	145	90
Flaming Gorge Inflow 1/	1380	111	Apr-July	--	1248
Ashley Creek nr Vernal	65	127	Apr-July	--	51

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	12	79	113
LAKEFORK-YELLOWSTONE CREEKS	4	76	109
STRAWBERRY RIVER	5	86	117
UINTAH - WHITEROCKS RIVERS	3	67	110
ASHLEY CREEK	3	78	121
BLACK'S FORK	4	124	145
SHEEP CREEK	3	95	142
HENRY'S FORK	3	77	123

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
a - Partly estimated
b - Average of all past record - less than 20 years
e - Maximum mean daily peak flow
+ - 1961-80 20 year Average Period
* - Forecast in cooperation with National Weather Service

RESERVOIR STORAGE (Thousand Acre Feet)

BASIN OR STREAM	RESERVOIR	Usable Capacity	USEABLE STORAGE This Year	USEABLE STORAGE Last Year	USEABLE STORAGE Average +
ASHLEY CREEK	Red Fleet	26.0	18.0	22.4	--
	Steinaker	33.3	26.2	30.6	22.6[b]
GREEN RIVER	Flaming Gorge	3749.0	3054.5	3173.8	--
LAKE FORK	Moon Lake	35.8	29.4	31.9	18.3
STRAWBERRY	Currant Creek	14.3	5.2	--	--
	Starvation	165.3	102.6	117.0	114.1[b]
	Soldier Creek	951.4	60.0	35.1	--
UINTAH	Bottle Hollow	11.3	11.1	11.1	10.6[b]

PEAK FLOWS e

FORECAST POINT	PEAK FLOW (SECOND FEET) Forecast Range	PEAK FLOW (SECOND FEET) Average +
Strawberry at Duchesne	920-1330	675
Ashley Creek nr Vernal	910-1410	966
Rock Creek nr. Mtn. Home	1510-1820	1415

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 +
Brown Duck Ridge	4/2	76	22.4	26.2	20.0
Burnt Creek	3/30	29	6.0	7.4	4.6[a]
Currant Creek	3/30	31	11.1	14.3	9.2
Daniels-Strawberry	3/30	51	17.7	18.2	14.9
Grizzly Ridge	3/30	48	12.0	15.2	10.0[a]
Hewinta G. S.	4/3	47	13.1	10.8	9.5[b]
Hickerson Park	4/3	48	11.9	10.0	6.6[b]
Jackson Park	4/3	58	13.9	20.2	12.8[b]
Kings Cabin Upper	4/3	50	13.7	15.8	10.7

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 +
Lakefork Mountain #1	4/2	50	11.8	16.5	11.5
Mosby Mountain	4/3	47	11.4	16.4	9.9
Paradise Park	4/3	53	14.4	21.9	13.3
Rock Creek Ranch	4/2	28	7.6	10.5	6.4
Spirit Lake	4/3	63	17.8	18.4	12.
Steel Creek Park	4/3	67	20.8	18.5	16.
Strawberry Divide	3/30	68	25.1	22.8	19.5
Trout Creek	4/3	51	12.4	17.8	10.6[a]

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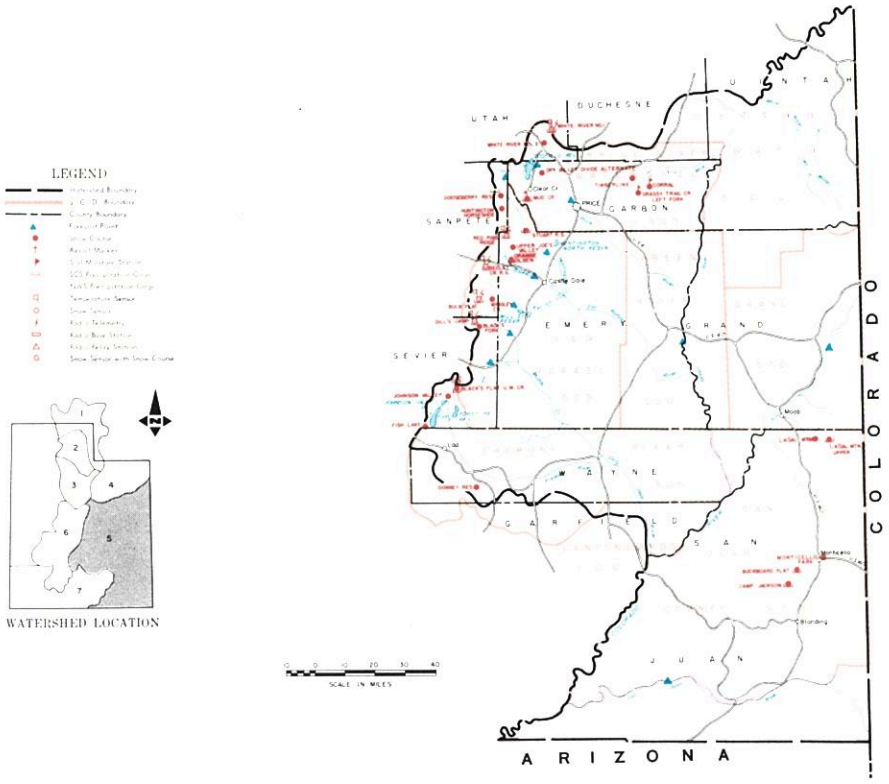
WATER SUPPLY OUTLOOK
CARBON, EMERY, WAYNE, GRAND and SAN JUAN COUNTIES in UTAH

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



APRIL 1, 1984

THE WATER SUPPLY OUTLOOK IS WELL ABOVE AVERAGE

SNOW COVER ranges from 83% of the April 1 average on Blue Mountains to 183% on Fremont River. The Price River is 136%, San Rafael 168%, Muddy 141% and LaSal Mountains 126%. Two snow courses (Buch Flat and Red Pine Ridge) on the San Rafael have exceeded the previous maximums for April 1st.

PRECIPITATION at mountain stations ranged from 57% of the March average at Camp Jackson on Blue Mountains to 226% at Fish Lake near Loa.

SOIL MOISTURE is still above average except on the Blue and LaSal Mountains where it is near average.

RESERVOIR STORAGE is near to above average except in Joe's Valley which has been drawn down to make space for runoff.

STREAMFLOW FORECASTS range from 131% of the April-July average for the San Juan at Bluff to 237% for the Price at Heiner. Scofield Reservoir Inflow is forecast 214% of average, Huntington Creek 188%, Cottonwood Creek 206%, Ferron Creek 208%, Muddy Creek 200%, Seven Mile Creek 182% and Mill Creek 165%. The Colorado River is forecast 171% near Cisco and Green River 146%.

All water users are expected to have an abundant water supply except from the Blue Mountains which may be near average.

Peak flows are generally expected to be about twice average except on Blue and LaSal Mountains and measures should be taken to protect property along stream channels again this year.

USDA SCS PORTLAND, OR 1981 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 3	PAST RECORD THOUSAND ACRE FEET Average +
PRICE RIVER					
Gooseberry Crk nr Scofield	22	206	Apr-July	--	10.7
Scofield Reservoir Inflow	81	214	Apr-July	--	38
Price nr Heiner 1/	150	237	Apr-July	--	63
SAN RAFAEL RIVER					
Huntington Crk nr Huntington	92	188	Apr-July	--	49
Cottonwood Crk nr Orangeville	97	206	Apr-July	159	47[b]
Ferron Creek nr Ferron	77	208	Apr-July	75	37
MUDDY CREEK					
Muddy Creek nr Emery	37	200	Apr-July	44	18.5
UPPER COLORADO BASIN					
Colorado nr Cisco, UT	5200	171	Apr-July	--	3046
Green at Green River, UT	4400	146	Apr-July	--	3016
Mill Creek nr Moab	9.1	165	Apr-July	12.4	5.5[b]
Navajo Reservoir Inflow	800	110	Apr-July	--	684
San Juan nr Bluff, UT	1300	131	Apr-July	--	995
FREMONT RIVER					
Seven Mile Crk nr Fish Lake	11.8	182	Apr-July	28	6.5[b]

SUMMARY of SNOW MEASUREMENTS (COMPARISON WITH PREVIOUS YEARS)

RIVER BASIN and/or SUB-WATERSHED	Number of Courses (Averages)	THIS YEAR AS A PERCENT OF Last Year	THIS YEAR AS A PERCENT OF Average
PRICE RIVER	4	100	136
SAN RAFAEL RIVER	8	102	168
FREMONT RIVER	4	115	183
LASAL MOUNTAINS	2	75	126
BLUE MOUNTAINS	2	47	83
MUDDY RIVER	2	100	141

1 - Observed flow corrected for change in storage and diversions
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a - Partly estimated
b - Average of all past record - less than 20 years
e - Maximum mean daily peak flow
+ - 1961-80 20 year Average Period
* - Forecast in cooperation with National Weather Service

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	44.4	38.3	33.3
SAN RAFAEL	Huntington North	3.9	2.8	3.7	3.8[b]
	Joe's Valley	54.6	37.5	45.1	45.6[b]
	Mill Site	16.7	13.9	16.7	4.6[b]
SAN JUAN	Navajo	1696.0	1333.0	1323.7	--
	Kens Lake	2.3	0.7	0.9	--

PEAK FLOWS [e]

FORECAST POINT	PEAK FLOW (SECOND FEET) Forecast Range	PEAK FLOW (SECOND FEET) Average †
Ferron Creek near Ferron	800-950	422
Muddy Creek near Emery	250-380	154
Huntington Cr. near Huntington	1000-1200	850

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	3/28	75	28.3	26.8	16.9
Buckboard Flat	3/28	37	11.8	19.6	13.1
Camp Jackson	3/28	32	9.8	25.5	12.8
Dills Camp	3/28	54	17.3	17.6	12.5
Dry Valley Divide Alternate	3/29	42	15.2	15.1	10.8[a]
Huntington-Horseshoe	3/31	94	41.3	47.0	24.4
Indian Canyon	3/31	49	11.4	20.3	13.2
LaSal Mtn. Upper	3/29	64	20.3	27.7	16.6
Mammoth-Cottonwood R.S.	3/29	77	32.6	33.6	21.8

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 †
Monticello City Park				0.0	0.0[a]
Mud Creek	3/29	53	18.0	18.4	13.5
Red Pine Ridge	3/29	70	27.2	24.0	17.5
Seeley Creek	3/29	84	37.6	26.6	17.2
Stuart R.S.	3/29	34	13.1	13.2	7.8
Upper Joe's Valley	3/29	47	17.1	15.0	10.5
White River #1	3/31	54	18.1	17.8	13.7
White River #3	3/31	29	10.4	10.0	7.2
Wrigley Creek	3/28	50	14.7	18.0	11.5

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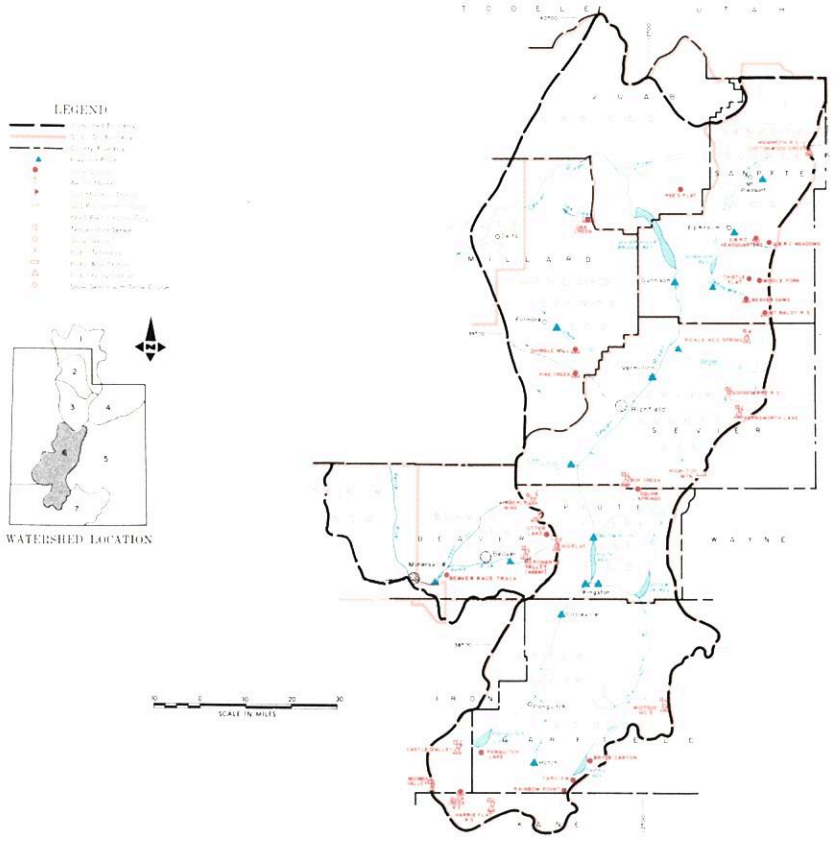
WATER SUPPLY OUTLOOK

SEVIER RIVER BASIN including BEAVER RIVER in UTAH

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



APRIL 1, 1984

THE WATER SUPPLY OUTLOOK IS ABOVE AVERAGE TO WELL ABOVE AVERAGE

SNOW COVER ranges from 88% of average on the South Fork Sevier to 172% on the Lower Sevier-San Pitch. East Fork Sevier is 102% and Beaver River 146% of the April 1 average. Chalk Creek is better than twice average. New records for April 1 were recorded at Farnsworth Lake, Gooseberry R.S. and Pickle Keg Springs on Salina Creek.

PRECIPITATION at mountain stations ranged from 23% of the March average at Midway Valley to 198% at Shingle Mill near Fillmore.

SOIL MOISTURE is wetter than average on the Lower Sevier, Beaver and Chalk Creeks but drier than average on the Upper Sevier.

RESERVOIR STORAGE is above average in all reservoirs except Gunnison Reservoir.

STREAMFLOW FORECASTS range from 125% of the April-July average for the Sevier at Hatch to 712% for the Inflow Sigurd to Gunnison on the Lower Sevier. Other Sevier River forecasts are as follows: 161% at Circleville, 168% at Kingston, 196% for East Fork Sevier, 216% for Antimony Creek, 175% for Clear Creek, 231% for Saline Creek, 679% Vermillion to Gunnison, and 447% for the Sevier near Gunnison.

Chalk Creek near Fillmore is forecast 415% of average, Chicken Creek 200%, Oak Creek 156%, and Salt Creek 200% of the April-July average. Ephriam Creek is foprecast 235%, and Pleasant Creek 256% of average. Other San Pitch tributaries are also expected to produce about twice average flows. Beaver River is forecast 235% near Beaver, North Creeks 240%, and Inflow to Minersville 382% of average.

Peak flows on the Lower Sevier and Beaver are expected to be 2 to 3 times average and steps should be taken to protect property near stream channels and in low lying areas again this season.

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 3	PAST RECORD THOUSAND ACRE FEET Average †
SEVIER RIVER					
Sevier at Hatch	60	125	Apr-July	--	48
Sevier nr Circleville	62	161	Apr-July	--	38
Sevier nr Kingston	48	168	Apr-July	--	28
Antimony Crk nr Antimony	16	216	Apr-July	--	10.3
East Fork Sevier nr Kingston1/	37	196	Apr-July	--	18.9
Sevier below Piute Dam	75	167	Apr-July	--	45
Clear Crk nr Sevier (abv Div)	33	175	Apr-July	--	18.9
Sigurd to Gunnison	185	712	Apr-July	--	26
Kingston to Vermillion Dam	90	270	Apr-June	--	45
Vermillion Dam to Gunnison	190	679	Apr-June	--	25
Salina Creek at Salina	27.5	231	Apr-June	--	11.9
Sevier nr Gunnison	240	447	Apr-July	--	54
Chalk Creek nr Fillmore	68	415	Apr-July	--	16.4[b]
Chicken Creek nr Levan	7.0	200	Apr-July	24	3.5[b]
Oak Cr. nr Oak City	2.5	156	Apr-July	4.5	1.6[b]
Ephraim Creek nr Ephraim	35	235	Apr-July	--	14.9
Pleasant Crk nr Mt. Pleasant	22	256	Apr-July	--	8.6
Salt Creek nr. Nephi	27	200	Apr-July	--	13.5
Beaver nr Beaver	54	235	Apr-July	72	23
North Creek (Combined)	35	240	Apr-July	--	14.6[a]
Minersville Inflow	34	382	Apr-June	--	8.9

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			
East Fork Sevier	4	54	102
South Fork Sevier	6	46	88
LOWER SEVIER	14	110	172
BEAVER RIVER	4	82	146

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
a - Partly estimated
b - Average of all past record - less than 20 years
e - Maximum mean daily peak flow
+ - 1961-80 20 year Average Period
* - Forecast in cooperation with National Weather Service

RESERVOIR STORAGE (Thousand Acre Feet)

BASIN OR STREAM	RESERVOIR	Useable Capacity	USEABLE STORAGE This Year	USEABLE STORAGE Last Year	USEABLE STORAGE Average †
SEVIER RIVER	Gunnison	18.2	13.8	15.7	16.3[b]
	Otter Creek	52.5	50.2	50.2	35.8
	Piute	71.8	58.0	58.0	46.2
	Sevier Bridge	236.0	221.3	232.0	136.2
	Panguitch Lake	22.3	20.9	21.0[a]	--
BEAVER RIVER	Minersville (Rky Fd)	26.0	24.0	24.6	14.3

PEAK FLOWS[e]

FORECAST POINT	PEAK FLOW (SECOND FEET) Forecast Range	PEAK FLOW (SECOND FEET) Average †
Beaver River nr Beaver	520-790	257
Sevier River at Hatch	550-750	484
Sevier River nr Kingston	500-700	312
Clear Creek nr Sevier	350-450	226
Salina Creek nr Salina	700-900	285

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	3/25	73	27.1	31.2	18.3
Bryce Canyon	3/30	9	1.0	12.4	4.0
Castle Valley	3/25	42	14.7	26.0	12.9
Duck Creek	3/25	21	6.5	25.4	14.3
Farnsworth Lake	3/28	98	33.8	25.9	19.7
Gooseberry R.S.	3/27	66	21.1	15.0	12.4
Harris Flat	3/25	5	1.7	17.4	8.7
Kimberly Mine	3/25	68	24.4	24.5	16.7

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 †
Long Valley Junction	3/25	0	0.0	5.3	4.2
Merchants Valley Upper	3/25	53	18.2	21.7	11.7[b]
Midway Valley	3/25	49	17.8	44.8	23.3
Oak Creek	3/27	66	19.5	25.2	12.4[a]
Otter Lake	3/25	55	19.3	25.6	14.2
Pickle Keg Springs	3/28	81	28.9	25.8	17.2[b]
Pine Creek	3/25	88	32.7	30.8	16.0[b]
Widtsoe-Escalante #3	3/25	32	8.7	21.5	11.8

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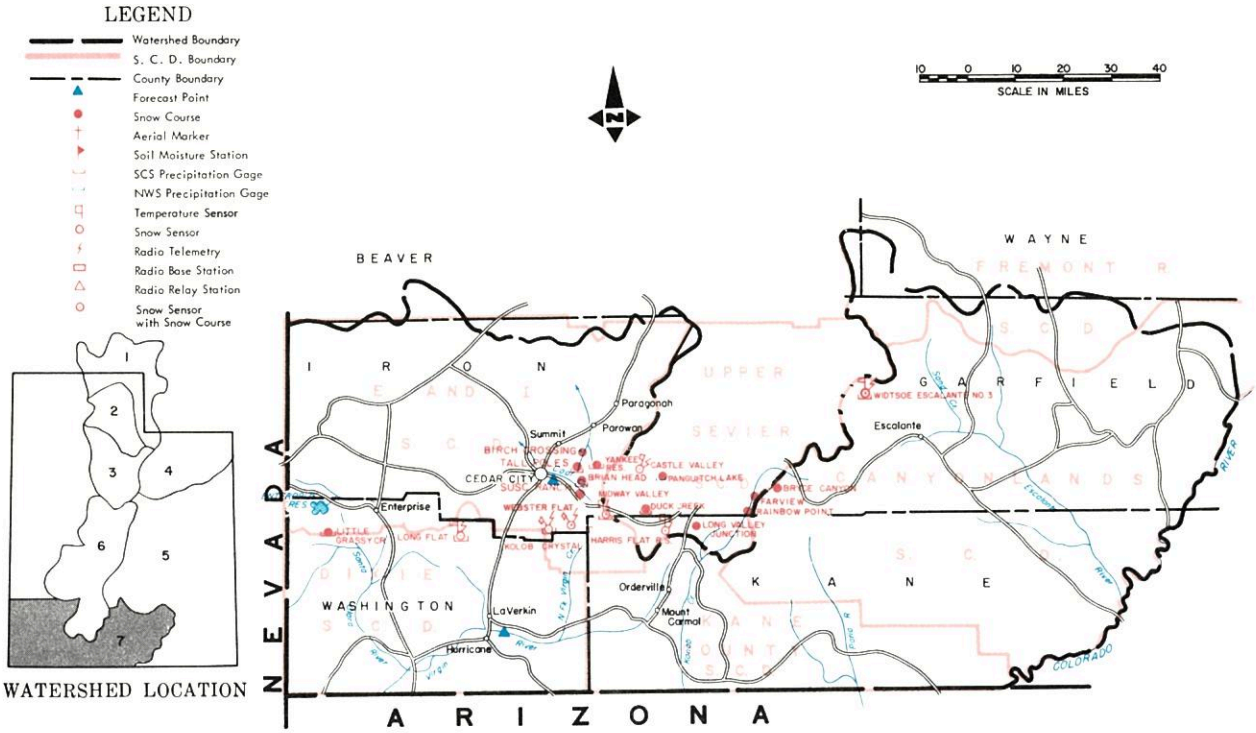
WATER SUPPLY OUTLOOK

EAST GARFIELD, KANE, WASHINGTON and IRON COUNTIES in UTAH

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



APRIL 1, 1984

THE WATER SUPPLY OUTLOOK IS NEAR AVERAGE

SNOW COVER ranges from only 26% of average in the Enterprise-New Harmony area to 121% on Parowan Creek. Coal Creek snow cover is 65% of average, Virgin River 50%, and Escalante River 74% of the April 1 average.

PRECIPITATION at mountain stations ranged from 15% of average at Little Grassy to 109% at Tall Poles.

SOIL MOISTURE is near average.

RESERVOIR STORAGE is reported as below average in the Enterprise Reservoirs and not expected to fill this season unless storms produce more water in this area.

STREAMFLOW FORECASTS now range from 95% of average on the Virgin to 154% for Lake Powell Inflow. Santa Clara is forecast 104% of average and Coal Creek 114% of the April-July average.

Peak flows from snow melt are expected to be near average and not expected to cause problems in this area this season.

Water users are expected to have near average water supplies this season.

USDA-SCS FORT WORTH, TEXAS 1983 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 3	PAST RECORD THOUSAND ACRE FEET Average †
VIRGIN RIVER					
Virgin nr Hurricane	59	95	Apr-June	171	62
Santa Clara nr Pine Valley	5.5	104	Apr-June	--	5.3
COAL CREEK					
Coal Creek nr Cedar City	21	114	Apr-July	54	18.4
UPPER COLORADO					
Lake Powell Inflow	11500	154	Apr-July	--	7462

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
COAL CREEK	3	30	65
VIRGIN RIVER	3	27	50
PAROWAN CREEK	4	70	121
ENTERPRISE - NEW HARMONY	2	12	26
ESCALANTE RIVER	1	40	74

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
a - Partly estimated
b - Average of all past record - less than 20 years
e - Maximum mean daily peak flow
+ - 1961-80 20 year Average Period
* - Forecast in cooperation with National Weather Service

RESERVOIR STORAGE (Thousand Acre Feet)

BASIN OR STREAM	RESERVOIR	Useable Capacity	USEABLE STORAGE This Year	USEABLE STORAGE Last Year	USEABLE STORAGE Average †
COLORADO	Lake Powell	25002.0	21057.0	22603.0	--
	Blue Mesa	829.5	245.1	3173.8	--

PEAK FLOWS[e]

FORECAST POINT	PEAK FLOW (SECOND FEET) Forecast Range	PEAK FLOW (SECOND FEET) Average †
Coal Creek nr Cedar City	275-375	220
Virgin nr Hurricane	800-1100	1092

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	3/29	33	10.9	11.7	6.3[b]
Brian Head	3/25	62	22.1	34.3	21.6[b]
Harris Flat	3/25	5	1.7	17.4	8.7
Kolob-Crystal	3/25	45	12.9	44.9	25.1
Little Grassy	3/25	0	0.0	1.6	2.8
Long Flat	3/25	9	2.5	18.3	6.8

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 †
Long Valley Junction	3/25	0	0.0	5.3	4.2
SUSC Ranch	3/29	15	3.8	24.0	8.2[b]
Tall Poles	3/29	56	18.3	27.7	15.3[b]
Webster Flat	3/25	36	11.5	38.2	18.7
Yankee Reservoir	3/25	39	13.1	17.9	10.0

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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 †
GREAT BASIN					
UPPER BEAR RIVER					
(Above Harer, Idaho)					
Burts-Miller Ranch	4/3	26	7.1	4.8	6.1
CCC Camp	3/29	44	14.0	10.0	13.2
Hayden Fork	4/3	54	18.3	14.4	16.0[b]
Monte Cristo R.S.	3/28	74	29.0	23.4	26.1
Salt River Summit	3/29	51	15.8	14.0	17.0
Stillwater Camp	4/3	43	13.0	10.0	11.1
Lily Lake	4/3	55	17.9	14.4	14.5[a]
LOWER BEAR RIVER					
(Below Harer, Idaho)					
Bug Lake	3/29	66	23.2	15.8	20.4[a]
Christensen Ranch	3/30		14.6[a]	7.4	7.8
Cliff Canyon	3/29	37	12.3	24.3	9.7[a]
Cub River R.S.	3/29	38	15.2	5.3	7.1
Daniels Creek	3/29	25	8.7	7.2	4.7[a]
Dry Basin	3/29	107	40.6	30.7	30.7[a]
Dry Creek Flat	3/29	38	14.9	6.2	5.2
Emigrant Summit	3/30	85	32.8	26.1	25.7
Emigration Canyon	3/30	39	14.1	9.8	11.0
Franklin Basin	3/29	82	31.3	24.6	28.3
Garden City Summit	3/29	57	20.7	15.9	18.7
Horseshoe Basin	3/29		35.2[a]	29.4	28.7[a]
Klondike Narrows	3/29	62	24.9	18.2	20.9
Liberty Spring	4/1		50.6[a]	40.8	40.3
Little Bear (lower)	3/28	38	13.6	9.0	10.2
Little Bear (upper)	3/28	48	18.2	10.8	13.2
Lower Elkhorn	3/29	47	17.3	18.4	14.0[a]
Oxford Mountain	3/29	43	16.4	9.0	9.5
Slug Creek Divide	3/29	53	18.3	14.7	18.0
Steep Hollow #1	3/29	112	43.0	36.4	38.0
Steep Hollow #2	3/29	80	31.5	26.5	27.3
Strawberry Creek	3/30	46	19.0	9.2	10.3
Strawberry Mink Divide	3/29	79	30.5	20.5	22.5
Tony Grove Lake	3/29	126	47.9[a]	31.1	37.2[a]
Tony Grove R.S.	3/29	45	18.0	10.4	12.0
Upper Elkhorn	3/29	64	21.9	25.5	19.5[a]
Willow Flat	3/29	63	25.1	12.9	15.4
Worm Creek	3/29	73	29.5	17.5	20.3[a]
UPPER RAFT RIVER					
Clear Creek Meadows	3/28	84	27.4	35.8	22.1[b]
George Peak	3/28	94	36.0	39.5	28.3[a]
One Mile Summit	3/28	34	12.0	7.9	7.6[b]
Vipont	3/28	69	26.0	19.8	15.8[b]
OGDEN RIVER					
Beaver Creek-Skunk Creek	3/28	42	16.6	11.7	12.4
Ben Lomond Peak	3/28	154	63.1[a]	45.0	38.3
Ben Lomond Trail	3/28	70	30.4	23.6	17.5
Causey Dam	3/28	0	0.0	0.0	0.0
Dry Bread Pond	3/28	62	24.2	18.7	19.5
Sagebrush Flat	3/28	10	3.2	1.0	2.0
WEBER RIVER					
Beaver Creek R.S.	3/31	32	12.2	9.8	7.6
Chalk Creek #1	3/31	72	27.4	24.1	22.6
Chalk Creek #2	3/31	52	18.2	15.5	15.5
Chalk Creek #3	3/31	30	10.1	7.8	7.6
East Shingle Lake (A)	4/6	93	35.3	--	28.9[a]
Farmington Canyon (lower)	3/28	90	35.6	35.1	24.2[b]
Farmington Canyon (upper)	3/28	106	43.4	45.1	31.8
Farmington G.S.	3/28	87	34.8[a]	27.6[a]	--
Hardscrabble	4/3	72	28.8	25.6	--
Horse Ridge	3/28	69	27.5	20.8	22.3[b]
Kilfoil Creek	3/28	53	17.8	14.9	14.4[b]
Lost Creek Reservoir	3/28	16	6.5	0.0	2.4[a]
Park City Summit	4/4	85	36.2	--	33.4[a]
Parley's Canyon Summit	3/28	73	26.5	21.4	18.8
Pine Canyon	3/28	63	24.2	19.5	16.0[a]
Redden Mine (lower)	3/31	61	23.5	21.3	18.4
Smith & Morehouse	3/31	48	17.6	13.8	13.3
Sargeant Lake (A)	4/6	70	26.6	--	18.8[a]

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
GREAT BASIN						
UPPER BEAR RIVER						
(Above Harer, Idaho)						
Burts-Miller Ranch	4/3	2.73	--	11.30	12.00[b]	94
CCC Camp						
Hayden Fork	4/3	4.69[a]	--	23.86[a]	20.06[b]	118
Monte Cristo R.S.	3/28	3.59	4.68	29.19	25.95	112
Salt River Summit	3/29	2.30	2.97	18.71	17.23	110
Stillwater Camp	4/3	3.14	--	16.33	12.39	131
Lily Lake	4/3	4.07	--	19.97	--	--
LOWER BEAR RIVER						
(Below Harer, Idaho)						
Bug Lake	3/29	0.98	--	23.68[a]	--	--
Christensen Ranch						
Cliff Canyon						
Cub River R.S.						
Daniels Creek						
Dry Basin						
Dry Creek Flat						
Emigrant Summit			--		--	
Emigration Canyon						
Franklin Basin	3/29	5.06[a]	--	37.68[a]	--	--
Garden City Summit	3/29	2.07	3.43	23.01	19.23	119
Horseshoe Basin						
Klondike Narrows	3/29	2.17	4.25[b]	25.10	23.85[b]	105
Liberty Spring						
Little Bear (lower)						
Little Bear (upper)	3/28	2.69	2.91[b]	28.89	18.13[b]	159
Lower Elkhorn						
Oxford Mountain						
Slug Creek Divide						
Steep Hollow #1						
Steep Hollow #2						
Strawberry Creek						
Strawberry Mink Divide						
Tony Grove Lake	3/29	7.00[a]	4.16[b]	42.62[a]	--	--
Tony Grove R.S.	3/29	2.14	2.85[b]	24.94	--	--
Upper Elkhorn						
Willow Flat	3/29	1.60[a]	4.04	30.03[a]	22.89	131
Worm Creek						
UPPER RAFT RIVER						
Clear Creek Meadows						
George Peak						
One Mile Summit						
Vipont						
OGDEN RIVER						
Beaver Creek-Skunk Creek						
Ben Lomond Peak	3/28	8.63[a]	6.17[b]	63.23[a]	47.13[b]	134
Ben Lomond Trail	3/28	2.75[a]	3.76[b]	39.72[a]	28.74[b]	138
Causey Dam	3/28	1.43	2.31[b]	17.14	14.22	120
Dry Bread Pond	3/28	2.00[a]	3.88[b]	28.32[a]	20.84	135
Sagebrush Flat	3/28	1.45	2.28[b]	15.22	14.35	106
WEBER RIVER						
Beaver Creek R.S.						
Chalk Creek #1	3/31	3.75[a]	3.40[b]	27.77[a]	17.70	156
Chalk Creek #2	3/31	3.00	3.11[b]	18.32	16.17[b]	113
Chalk Creek #3	3/31	2.36	2.68[b]	18.75	13.94[b]	134
East Shingle Lake (A)						
Farmington Canyon (lower)	3/28	3.97	5.23[b]	35.73	27.63	129
Farmington Canyon (upper)	3/28	3.30[a]	--	38.50[a]	--	--
Farmington G.S.	3/28	3.50[a]	5.49[b]	32.60[a]	29.01	112
Hardscrabble						
Horse Ridge	3/28	3.51	4.24[b]	31.45	23.64	133
Kilfoil Creek						
Lost Creek Reservoir	3/28	1.06	1.81[b]	14.09	10.97[b]	128
Park City Summit						
Parley's Canyon Summit	3/28	3.79	4.07	28.90	22.55	128
Pine Canyon						
Redden Mine (lower)	3/31	3.77	--	18.94	--	--
Smith & Morehouse	3/31	3.33	3.04	20.82	17.75	117
Sargeant Lake (A)						

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† 1958-1972 period.

SNOW

DRAINAGE BASIN and/or SNOW COURSE NAME	THIS YEAR			PAST RECORD		PRECIPITATION (Inches) CURRENT INFORMATION			FROM APPROX. OCT 1 TO DATE		
	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
GREAT BASIN CONT.											
PROVO RIVER & UTAH LAKE											
Beaver Creek Divide	3/31	41	14.8	13.2	11.8[a]	3/31	3.06[a]	--	20.62[a]	--	--
Clear Creek Ridge #1	3/29	65	25.2	24.3	19.1	3/29	3.75[a]	5.40[b]	24.75	21.20[b]	116
Clear Creek Ridge #2	3/29	56	19.5	17.4	14.2	3/29	3.08	2.71[b]	19.88	16.06[b]	123
Clear Creek Ridge #3	3/29	26	10.4	8.7	5.8						
Hobble Creek Summit	3/30	55	21.6	19.7	14.3	3/30	2.92	2.70	22.85[a]	17.19	132
Payson R.S.	3/30	77	29.1	27.9	19.1	3/30	4.82	2.90	26.06	17.95	145
Soapstone R.S.	3/31	45	14.6	11.9	12.1	3/31	2.84	2.40	20.93	16.22	129
South Fork R.S.	3/31	28	10.4	17.1	3.9						
Timpanogos Divide	3/31	64	22.8	34.2	25.0	3/31	3.55	3.36	27.54	25.09	109
Trial Lake	3/31	69	26.3	26.8	24.5	3/31	3.27	3.77	28.25	23.84	118
JORDAN RIVER & GREAT SALT LAKE											
Bevan's Cabin	4/3	70	23.4	15.3	11.3						
Deseret Peak	4/3	116	40.9	39.9	21.7[a]						
Lamb's Canyon #2	3/28	62	23.5	19.8	16.2[a]	3/28	2.70	--	20.79	--	--
Middle Canyon	4/3	78	27.0	18.2	14.4	4/3	--	3.39	29.35	15.92	184
Mill Creek	3/27	74	26.0	24.1	20.9[a]						
Mill D South Fork	3/29	64	24.6	24.6	19.8						
Rocky Basin-Settlement	4/3	128	45.4	46.0	27.5[b]						
Silver Lake (Brighton)	3/29	76	28.2	31.0	25.8						
Snow Bird (Gad Valley)	3/24	112	47.0	--	35.3[a]						
Vernon Creek	3/31	62[a]	21.6[a]	12.2	10.2[a]	3/31	1.80[a]	2.51	20.30[a]	15.27	132
COLORADO RIVER DRAINAGE											
UPPER GREEN RIVER - UTAH											
Ashley-Twin Lakes (A)	4/6	60	16.2	--	17.7[a]						
Black's Fork G.S.-East Fork	4/3	48	15.1	9.9	9.5	4/3	3.77[a]	2.43	16.76	11.94	140
Black's Fork Junction	4/3	45	11.0	8.9	9.6	4/3	2.70	2.25	14.92	11.62	128
Buck Pasture (A)	4/6	63	19.5	--	15.4[a]						
Burnt Creek	3/30	29	6.0	7.4	4.6[a]	3/28	2.00	1.51[b]	13.20	8.83[b]	149
Grizzly Ridge	3/30	48	12.0	15.2	10.0[a]	3/28	2.75	2.23[b]	16.80	12.78	131
Henrys Fork (A)	4/6	52	16.1	--	13.5[a]						
Hewinta G.S.	4/3	47	13.1	10.8	9.5[b]	4/3	3.56	2.50	17.00	12.56	135
Hickerson Park	4/3	48	11.9	10.0	6.6[b]	4/3	3.36	1.76[b]	11.97	9.41[b]	127
Hole-in-the-Rock	3/28	34	6.7	8.6	5.9[b]						
Hole-in-the-Rock G.S.	3/28	20	5.6	6.6	2.4[b]						
King's Cabin (upper)	4/3	50	13.7	15.8	10.7	4/3	3.65	1.90	16.59	11.14	148
Middle Beaver Creek	3/28	22	4.5	6.6	5.3[b]						
Reynolds Park (A)	4/6	69	18.6	--	16.9[a]						
Spirit Lake	4/3	63	17.8	18.4	12.7[b]	4/3	5.28	2.57[b]	17.85	13.61[b]	131
Steel Creek Park	4/3	67	20.8	18.5	16.1[b]	4/3	3.88	2.75[b]	18.04	20.85[b]	86
Trout Creek	4/3	51	12.4	17.8	10.6[a]	4/3	4.01	--	13.30	--	--
DUCHESNE RIVER											
Atwood Lake (A)	4/6	48	11.5	--	11.2[a]						
Brown Duck Ridge	4/2	76	22.4	26.2	20.0	4/2	2.88	3.41[b]	22.97	20.70[b]	110
Chepeta	4/3	58	15.1	20.0	--	4/3	2.87[a]	--	15.77[a]	--	--
Chepeta-Whiterocks (A)	4/6	59	15.3	--	15.3[a]						
Currant Creek	3/30	31	11.1	14.3	9.2[a]	3/30	1.60	2.14[b]	15.84	13.79[b]	114
Daniels-Strawberry Summit	3/30	51	17.7	18.2	14.9	3/30	2.77	2.68	21.38	17.81	120
East Portal	3/30	50	15.0	17.2	11.8	3/30	2.30	2.51[b]	23.08	16.73	137
Five Points Lake (A)	4/6	66	15.8	--	17.8[a]						
Indian Canyon	3/31	49	11.4	20.3	13.2	3/31	2.16	1.91	14.85	12.78	116
Jackson Park	4/3	58	13.9	20.2	12.8[b]	4/3	2.96	--	18.45[a]	12.68	145
Lakefork Basin (A)	4/6	75	18.0	--	20.7[a]						
Lakefork Mountain #1	4/2	50	11.8	16.5	11.5	4/2	2.25	2.08	15.00	12.62	118
Lakefork Mountain #3	4/3	29	7.1	8.9	5.9						
Lightning Lake (A)	4/6	96	27.8	--	21.6[a]	4/4	4.70[a]	--	31.50[a]	--	--
Mosby Mountain	4/3	47	11.4	16.4	9.9	4/3	3.50	1.47[b]	16.08	12.00	134
Paradise Park	4/3	53	14.4	21.9	13.3	4/3	3.13	1.78[b]	15.59	13.05	119
Rock Creek Ranch	4/2	28	7.6	10.5	6.4	4/2	3.23	--	14.63	11.04	132
Strawberry Divide	3/30	68	25.1	22.8	19.5	3/30	3.00	--	25.50	--	--

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† 1958-1972 period

SNOW

PRECIPITATION (Inches)

DRAINAGE BASIN and/or SNOW COURSE NAME	SNOW: THIS YEAR Date of Survey	SNOW: THIS YEAR Snow Depth (Inches)	SNOW: THIS YEAR Water Content (Inches)	SNOW: PAST RECORD Water Content (Inches) Last Year	SNOW: PAST RECORD Water Content (Inches) Average †	PRECIPITATION: CURRENT INFORMATION Date of Reading	PRECIPITATION: CURRENT INFORMATION Month's Precipitation	PRECIPITATION: CURRENT INFORMATION Average †	PRECIPITATION: FROM APPROX. OCT 1 TO DATE This Year	PRECIPITATION: FROM APPROX. OCT 1 TO DATE Average †	PRECIPITATION: FROM APPROX. OCT 1 TO DATE Percent of Average
PRICE RIVER											
Dry Valley Divide Alternate	3/29	42	15.2	15.1	10.8[a]						
Mud Creek	3/29	53	18.0	18.4	13.5	3/29	2.24	2.56	20.98	14.25	147
White River #1	3/31	54	18.1	17.8	13.7	3/31	2.72	2.14	19.36	13.22	146
White River #3	3/31	29	10.4	10.0	7.2						
SAN RAFAEL RIVER											
Buck Flat	3/28	75	28.3	26.8	16.9	3/28	4.30	2.71	27.18	17.21	157
Huntington-Horseshoe	3/31	94	41.3	47.0	24.2						
Orange Olsen	3/29	17	6.1	8.0	2.4[a]	3/29	1.20	1.01[b]	11.95	7.40	161
Red Pine Ridge	3/29	70	27.2	24.0	17.5	3/29	2.73	3.54	25.46	19.79	128
Seeley Creek R.S.	3/29	84	34.6	26.6	17.2						
Stuart R.S.	3/29	34	13.1	13.2	7.8	3/29	1.06	1.20[b]	17.06[a]	11.62	146
Upper Joe's Valley	3/29	47	17.1	15.0	10.5						
Wrigley Creek	3/28	50	14.7	18.0	11.5						
MUDDY RIVER											
Black's Fork	3/28	60	19.8	19.3	13.7						
Dill's Camp	3/28	54	17.3	17.6	12.5	3/28	3.60	2.30[b]	22.18	14.40[b]	154
FREMONT RIVER											
Black's Flat-U.M. Creek	3/27	60	17.4	15.9	11.0	3/27	4.08	2.46[b]	18.92	12.10[b]	156
Donkey Reservoir	3/28	32	7.4[a]	10.0	7.8[b]						
Fish Lake	3/28	61	22.4[a]	16.0	7.7	3/28	3.80[a]	1.68	20.60[a]	9.18	224
Johnson Valley	3/27	54	14.4	11.3	7.0						
SOUTHEASTERN UTAH DRAINAGES											
Buckboard Flat	3/28	37	11.8	19.6	13.1	3/28	2.15	2.96	18.92	18.14	104
Camp Jackson	3/28	32	9.8	25.5	12.8	3/28	1.45	2.51	15.33	16.78	91
LaSal Mountain (lower)	3/29	41	13.2	16.4	9.9						
LaSal Mountain (upper)	3/29	64	20.3	27.7	16.6	3/29	4.45	3.14	23.46	14.18	165
Monticello City Park				0.0	0.0[a]						
UPPER SEVIER RIVER (South of Richfield, Utah)											
Box Creek	3/25	57	19.8	21.5	13.7	3/25	2.73	2.79	20.63	13.89	148
Bryce Canyon	3/30	9	1.0	12.4	4.0						
Castle Valley	3/25	42	14.7	26.0	12.9	3/25	2.06	2.77	19.09	13.89	137
Duck Creek R.S	3/25	21	6.5	25.4	14.3	3/25	0.91	3.28[b]	15.80	16.53	95
Harris Flat	3/25	5	1.7	17.4	8.7	3/25	0.31[a]	--	8.07[a]	--	--
Kimberly Mine	3/25	68	24.4	24.5	16.7	3/25	4.77	3.79[b]	25.95	18.17	142
Midway Valley	3/25	49	17.8	44.8	23.2	3/25	0.88[a]	3.71[b]	19.03[a]	19.17[b]	99
Panguitch Lake	3/25	16	5.9	14.2	4.0	3/25	0.83	1.38	9184	7.89	124
Squaw Springs	3/25	34	8.2	13.8	7.4						
LOWER SEVIER RIVER (Including San Pitch River)											
Beaver Dams	3/28	57	22.0	16.9	11.8	3/28	4.02	2.41	26.92	13.07	205
Farnsworth Lake	3/28	98	33.8	25.9	19.7	3/28	8.57	4.33	29.17	19.56	149
G.B.R.C. Headquarters	3/29	82	30.1	24.4	17.5	3/29	6.06	4.08	29.82	18.29	163
G.B.R.C. Majors											
G.B.R.C. Meadows	3/29	99	37.9	36.6	23.7	3/29	5.71	4.10	32.85[a]	21.67	151
G.B.R.C. Oaks											
Gooseberry Reservoir						3/29	3.68	3.60	28.80	21.71	132
Gooseberry R.S.	3/27	66	21.1	15.0	12.4	3/27	5.16	3.04[b]	22.61	12.91[b]	175
Mammoth-Cottonwood Creek	3/29	77	32.6	33.6	21.8	3/29	2.57[a]	--	29.47[a]	--	--
Middle Fork	3/28	127	46.7	39.7	24.5						
Mt. Baldy R.S.	3/28	103	39.4	36.4	23.7	3/28	4.76	3.14	25.19	16.90	149
Oak Creek	3/27	66	19.5	25.2	12.4[a]	3/27	4.21	--	23.93	13.78[b]	--
Pickle Keg Springs	3/28	81	28.9	25.8	17.2[b]	3/28	6.63[a]	--	33.31[a]	--	--
Pine Creek	3/25	88	32.7	30.8	16.0[b]	3/25	6.68	4.94	40.44	23.47	172
Ree's Flat	3/27	62	21.0	24.1	13.0	3/27	4.59	--	24.20	--	--
Shingle Mill	3/28	63	19.4	14.1	8.9[b]	3/28	6.14	3.10	27.95	15.68	178
Thistle Flat	3/28	84	28.4	24.9	17.0						

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[a] 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 +
BEAVER RIVER					
Beaver Race Track	3/30	3	0.3	0.0	0.1[a]
Big Flat	3/25	73	27.1	31.2	18.3
Merchant's Valley (upper)	3/25	53	18.2	21.7	11.7[b]
Otter Lake	3/25	55	19.3	25.6	14.2
PAROWAN CREEK					
Birch Crossing	3/29	33	10.9	11.7	6.3[b]
Brian Head	3/25	62	22.1	34.3	21.6[b]
Tall Poles	3/29	56	18.3	27.7	15.3[b]
Yankee Reservoir	3/25	39	13.1	17.9	10.0
ENTERPRISE TO NEW HARMONY DRAINAGES					
Little Grassy Creek	3/25	0	0.0	1.6	2.8
Long Flat	3/25	9	2.5	18.3	6.8
COAL CREEK					
Cedar City Golf Course	3/29	0	0.0	0.0	
SUSC Ranch	3/29	15	3.8	24.0	8.2[b]
ESCALANTE RIVER					
Widtsoe-Escalante #3	3/25	32	8.7	21.5	11.8
VIRGIN RIVER					
Kolob-Crystal	3/25	45	12.9	44.9	25.1
Long Valley Junction	3/25	0	0.0	5.3	4.2
Webster Flat	3/25	36	11.5	38.2	18.7

PRECIPITATION (Inches)

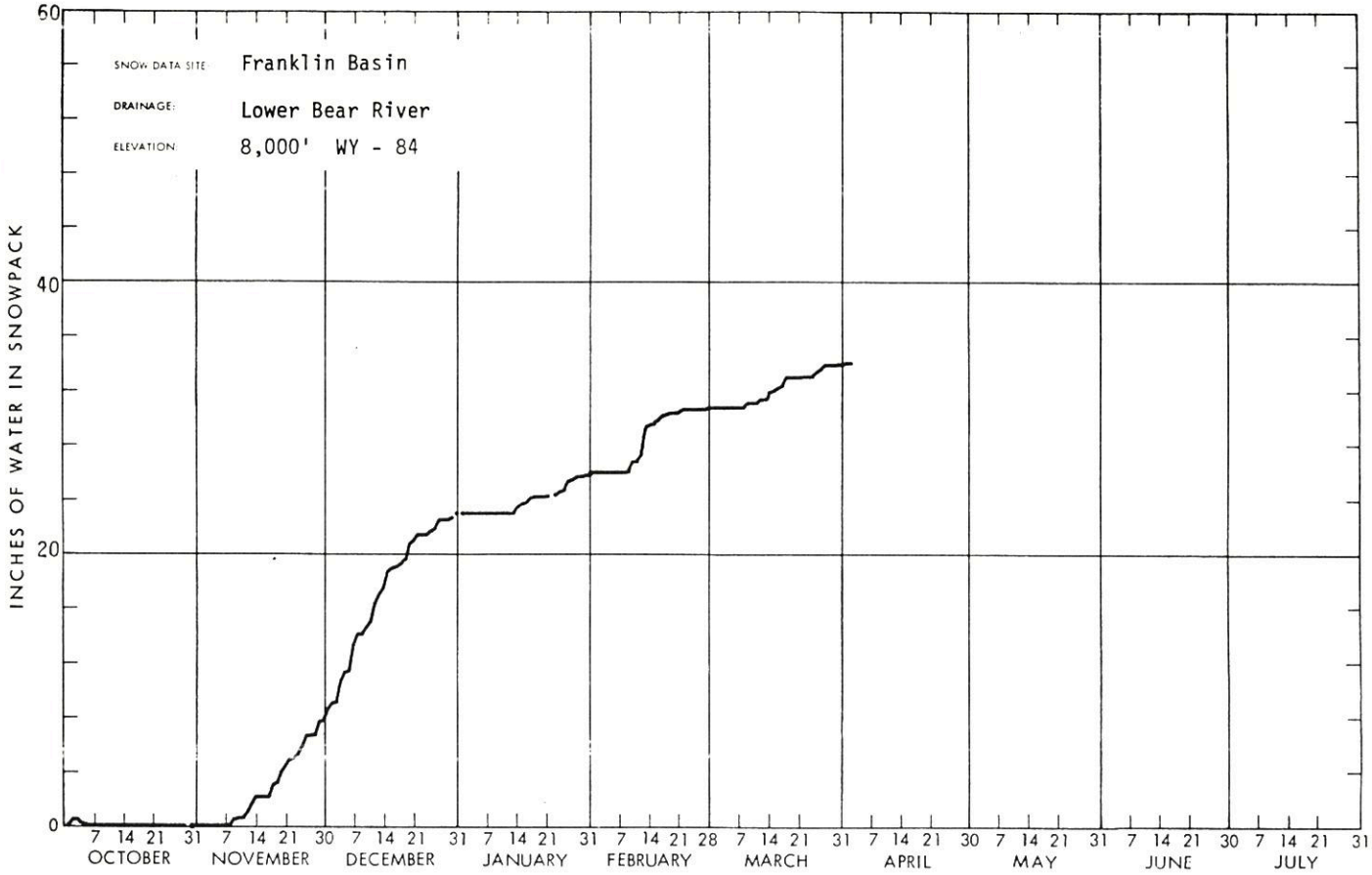
DRAINAGE BASIN and/or SNOW COURSE NAME	CURRENT INFORMATION: Date of Reading	CURRENT INFORMATION: Month's Precipitation	CURRENT INFORMATION: Average +	FROM APPROX. OCT 1 TO DATE: This Year	FROM APPROX. OCT 1 TO DATE: Average +	FROM APPROX. OCT 1 TO DATE: Percent of Average
BEAVER RIVER						
Beaver Race Track						
Big Flat	3/25	2.78	3.00	23.80	15.53	153
Merchant's Valley (upper)	3/25	2.86	2.96[b]	20.37	14.25	144
Otter Lake						
PAROWAN CREEK						
Birch Crossing						
Brian Head						
Tall Poles	3/29	3.30	3.02[b]	18.50	14.89[b]	124
Yankee Reservoir	3/25	2.05	2.73	14.40	12.13	118
ENTERPRISE TO NEW HARMONY DRAINAGES						
Little Grassy Creek	3/25	0.34	2.16	11.59	14.49	79
Long Flat	3/25	0.86	2.40	7.18	11.63	61
COAL CREEK						
Cedar City Golf Course						
SUSC Ranch						
ESCALANTE RIVER						
Widtsoe-Escalante #3	3/25	1.41	2.40	13.22	12.07	109
VIRGIN RIVER						
Kolob-Crystal	3/25	1.06a	--	21.32[a]	--	--
Long Valley Junction						
Webster Flat	3/25	1.35	4.00	18.44	19.15	96

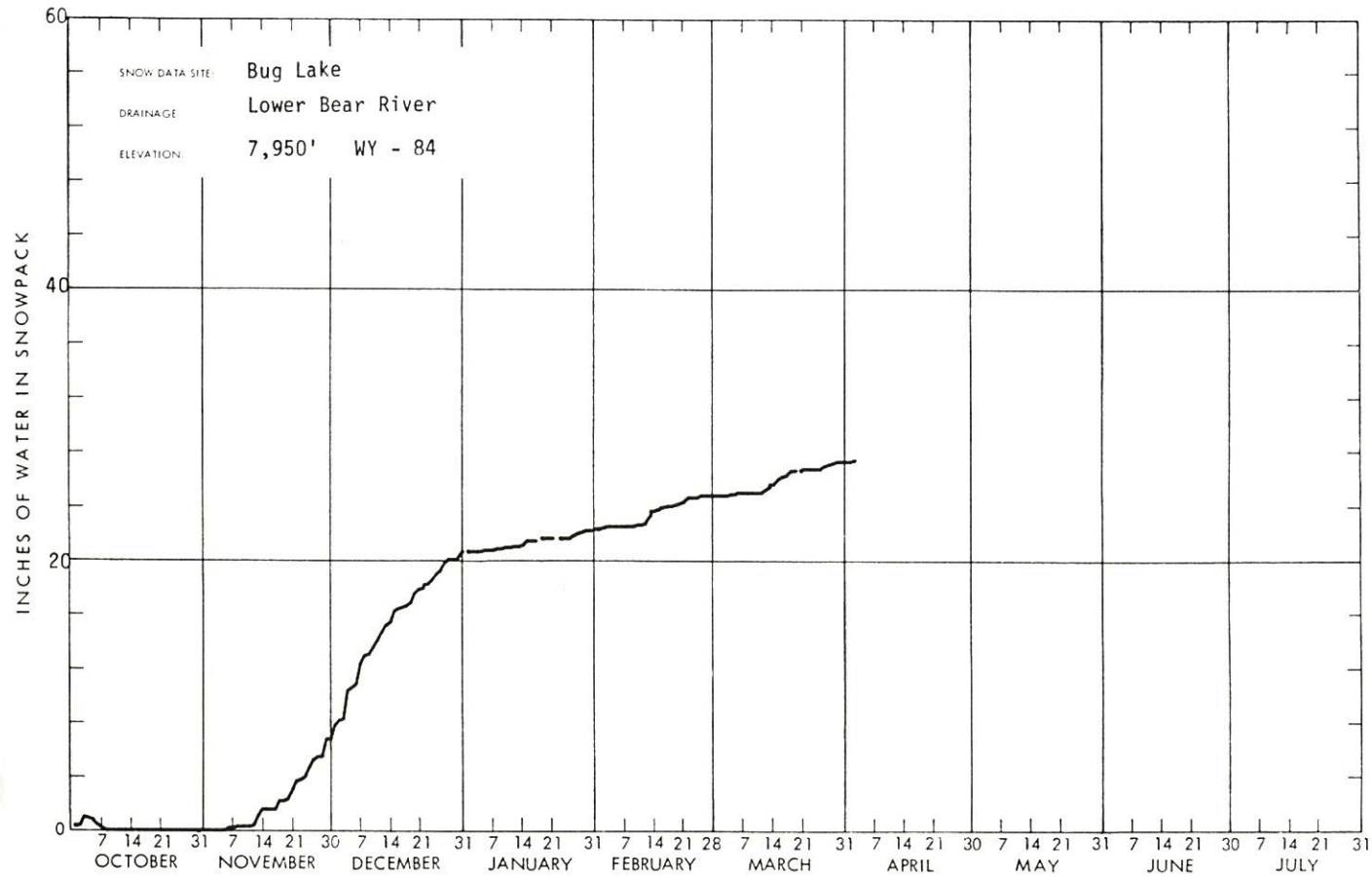
a - Partly Estimated
b - Average of past record in average period - less than 15 years
+ - 1963-77 15 year average period
(A) - Aerial Marker Reading

VIDA-SCS-PORTLAND, OR. 1977 M7-0-22027 0

+ 1958-1972 period

WSFB-X13A


SNOW DATA SITE: Franklin Basin
DRAINAGE: Lower Bear River
ELEVATION: 8,000' WY - 84
INCHES OF WATER IN SNOWPACK
0
20
40
60
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 DATA SITE: Bug Lake
DRAINAGE: Lower Bear River
ELEVATION: 7,950' WY - 84
INCHES OF WATER IN SNOWPACK
0
20
40
60
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OCTOBER NOVEMBER DECEMBER JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY

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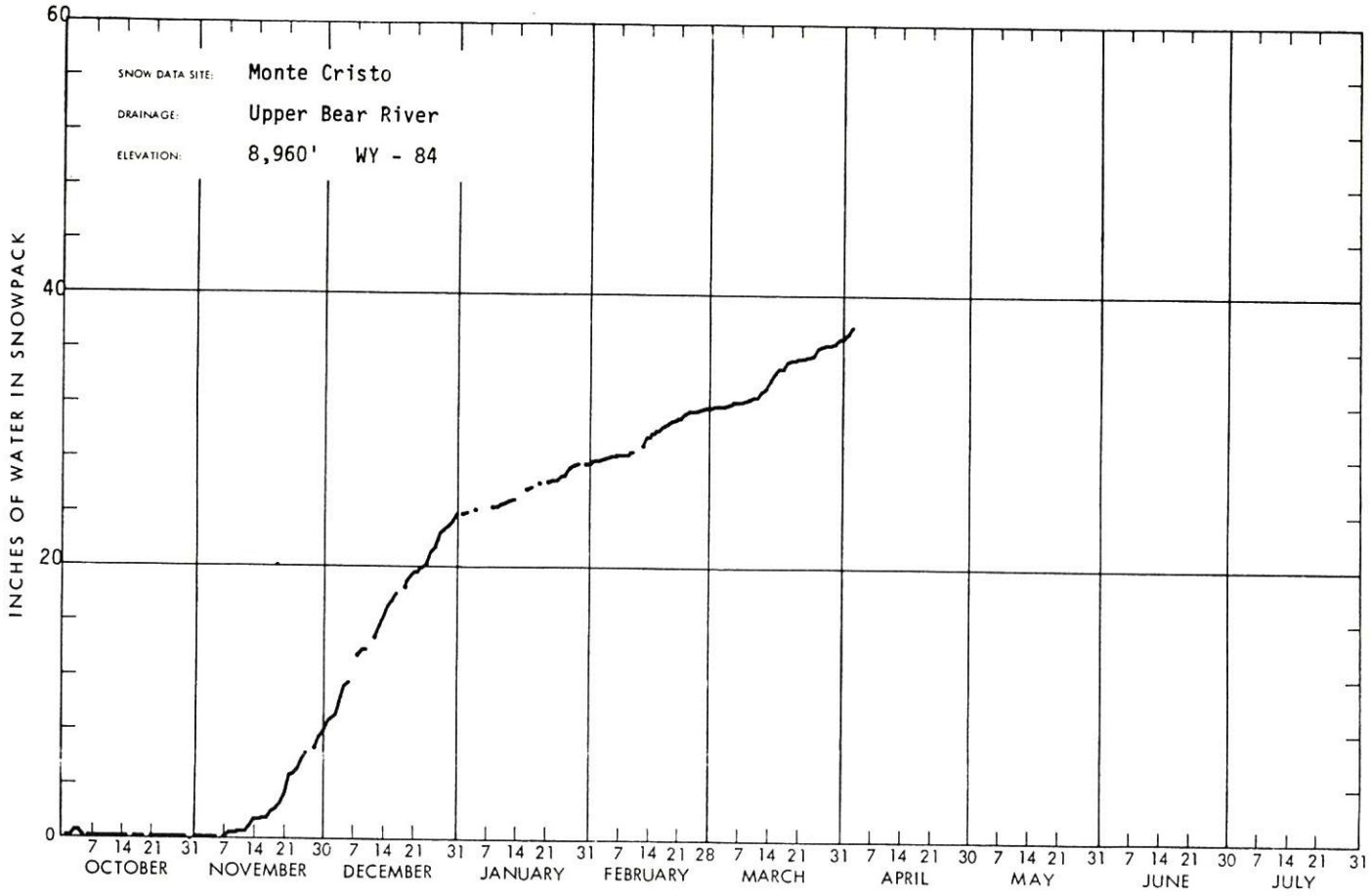
SNOW DATA SITE: Monte Cristo
DRAINAGE: Upper Bear River
ELEVATION: 8,960' WY - 84
INCHES OF WATER IN SNOWPACK
0
20
40
60
7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 31 7 14 21 28 7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 30 7 14 21 31
OCTOBER
NOVEMBER
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JANUARY
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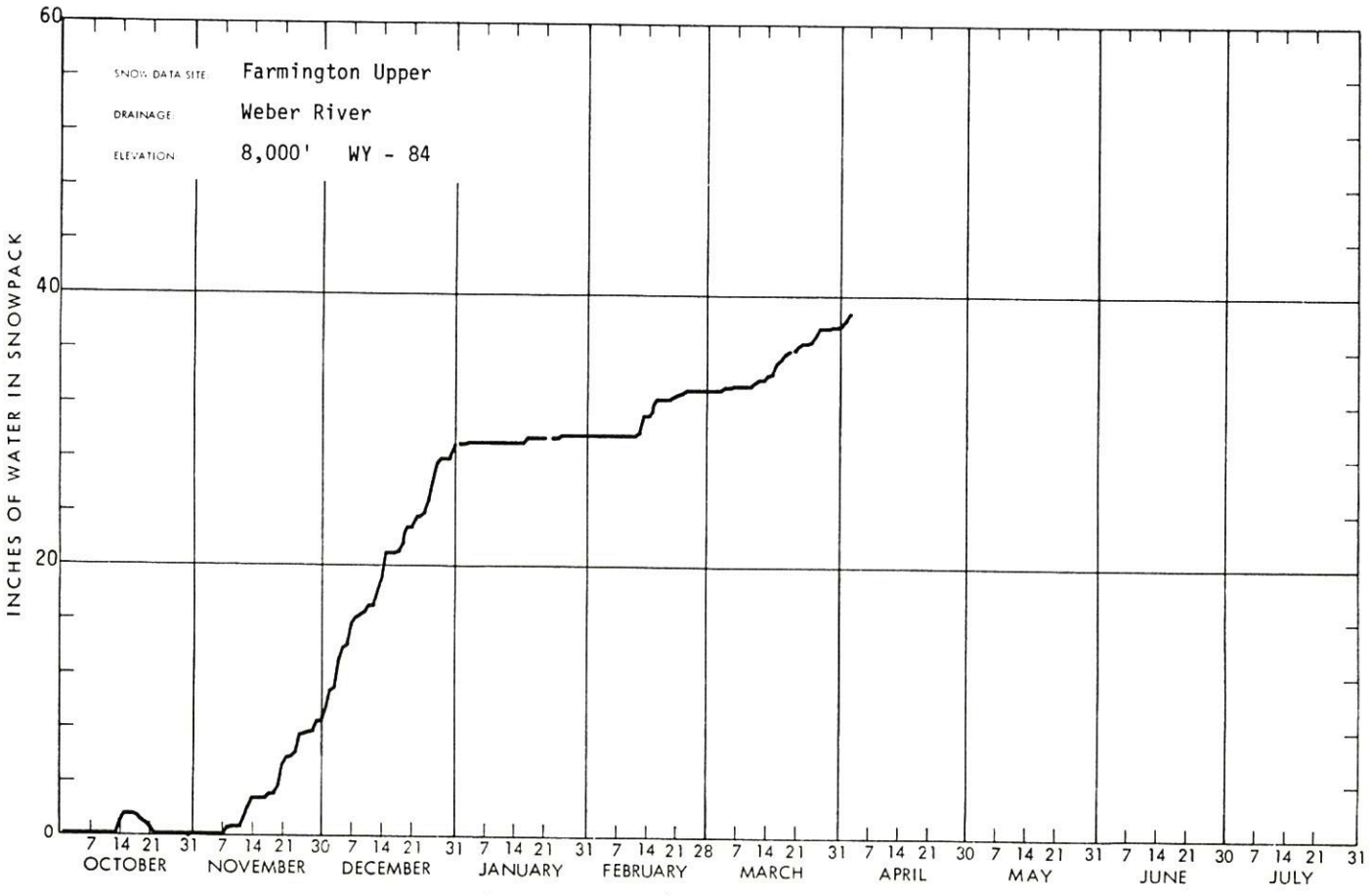
MARCH
APRIL
MAY
JUNE
JULY


SNOW DATA SITE: Farmington Upper
DRAINAGE: Weber River
ELEVATION: 8,000' WY - 84
INCHES OF WATER IN SNOWPACK
0
20
40
60
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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FEBRUARY
MARCH
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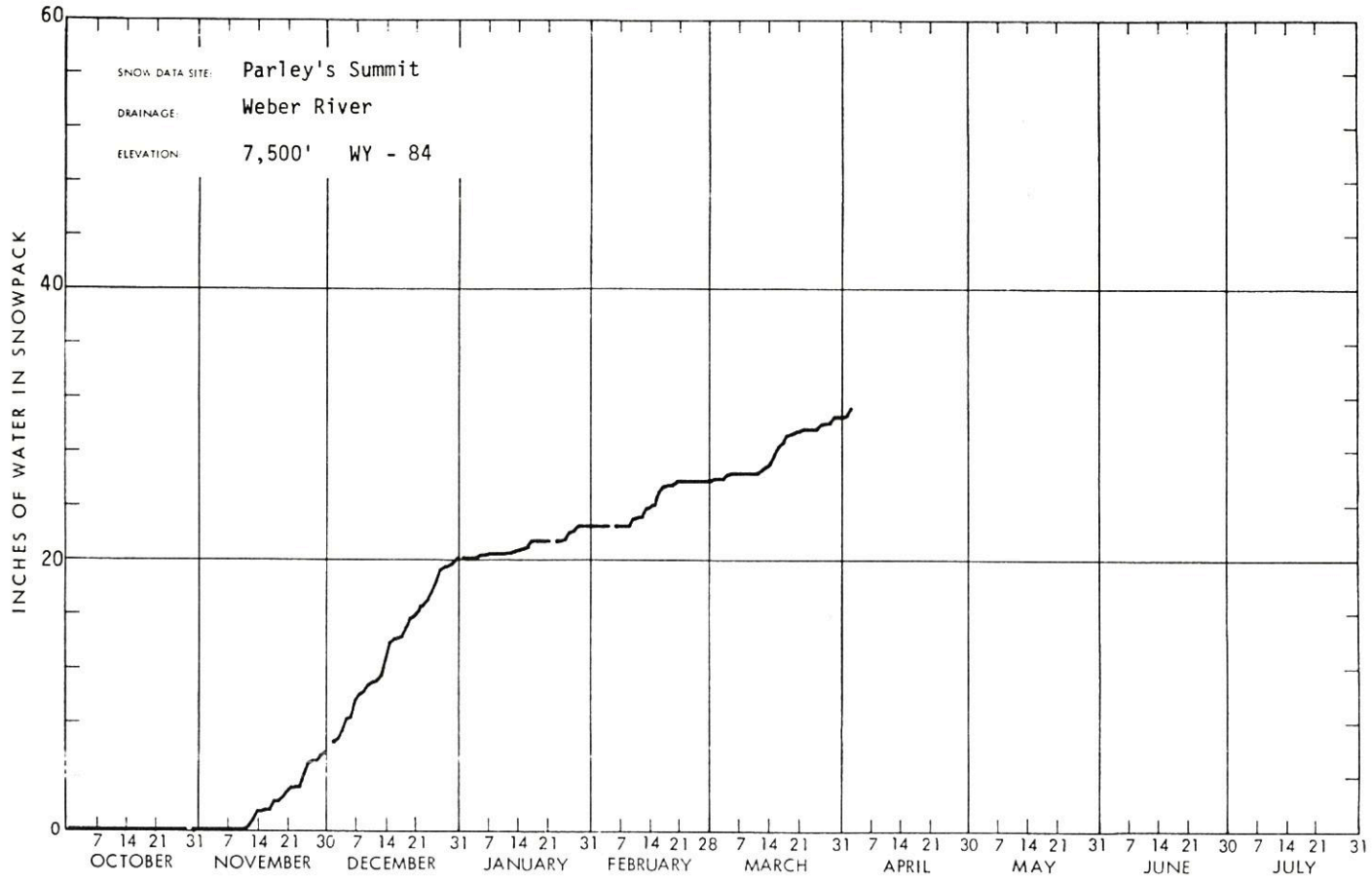
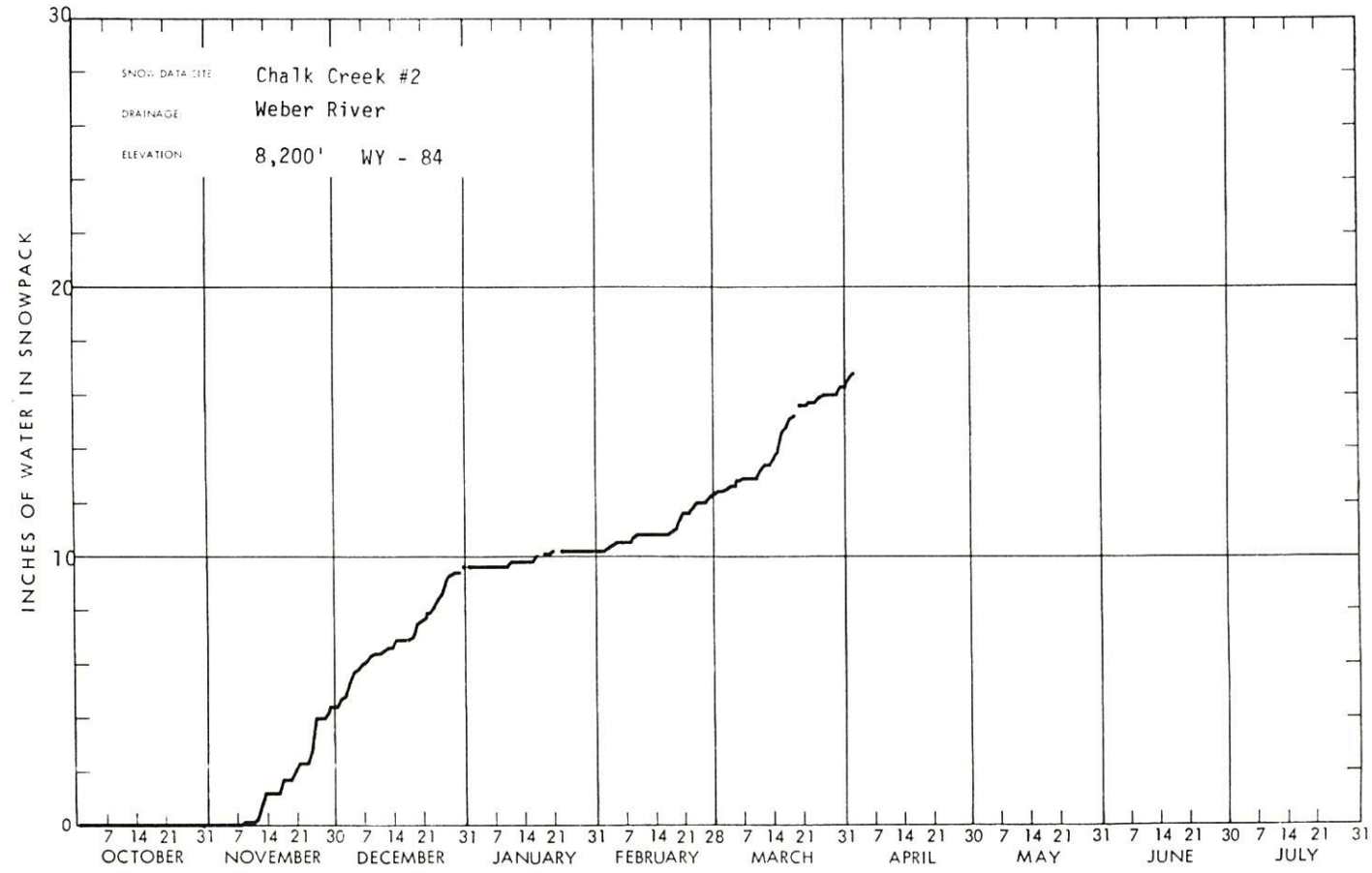
MAY
JUNE
JULY

WSFB-X13A


SNOW DATA SITE: Parley's Summit
DRAINAGE: Weber River
ELEVATION: 7,500' WY - 84
INCHES OF WATER IN SNOWPACK
0
20
40
60
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 DATA SITE: Chalk Creek #2
DRAINAGE: Weber River
ELEVATION: 8,200' WY - 84
INCHES OF WATER IN SNOWPACK
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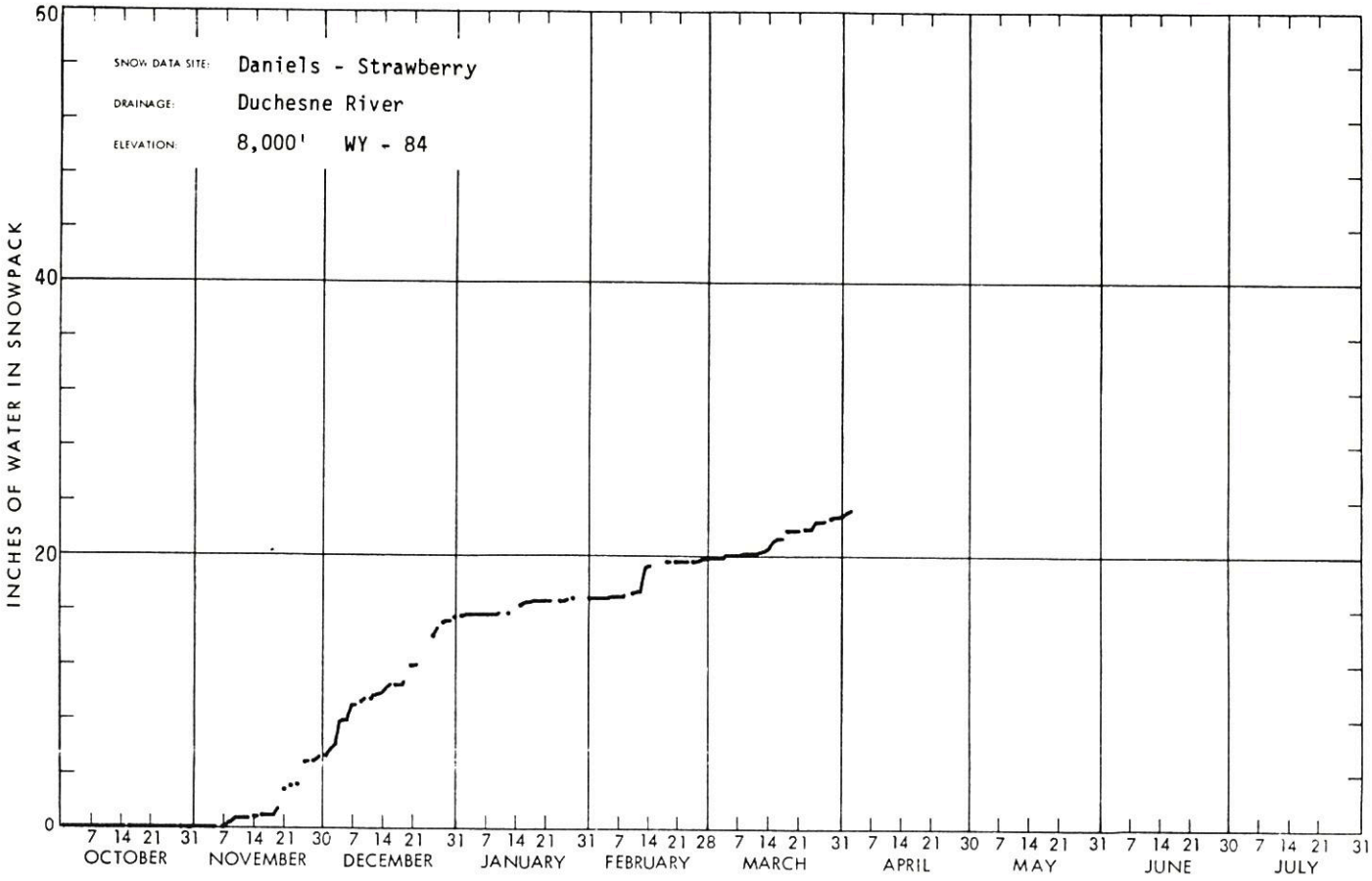
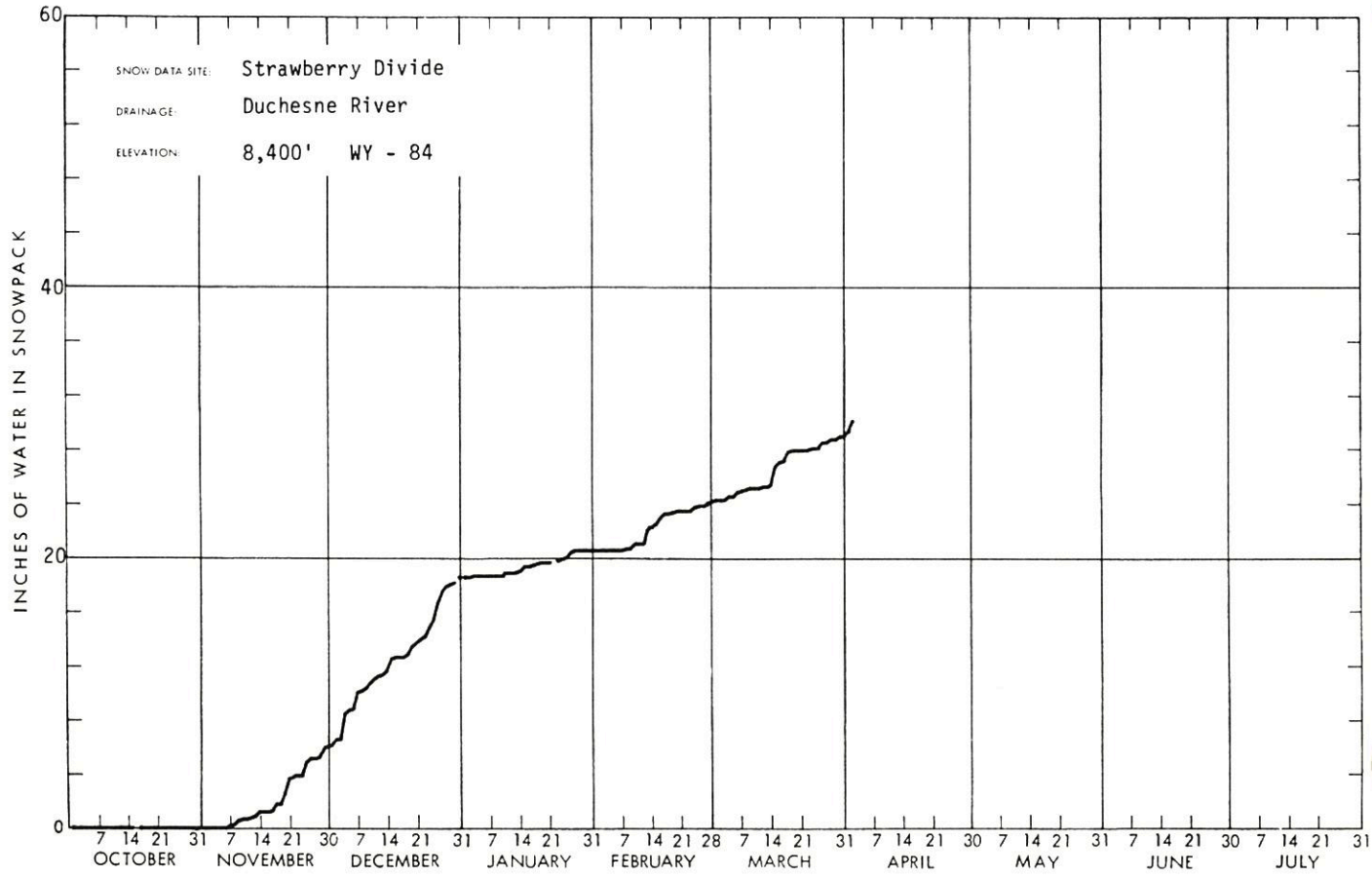
10
20
30
7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 31 7 14 21 28 7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 30 7 14 21 31
OCTOBER NOVEMBER DECEMBER JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY


SNOW DATA SITE: Daniels - Strawberry
DRAINAGE: Duchesne River
ELEVATION: 8,000' WY - 84
INCHES OF WATER IN SNOWPACK
0
20
40
60
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 DATA SITE: Strawberry Divide
DRAINAGE: Duchesne River
ELEVATION: 8,400' WY - 84
INCHES OF WATER IN SNOWPACK
0
20
40
60
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
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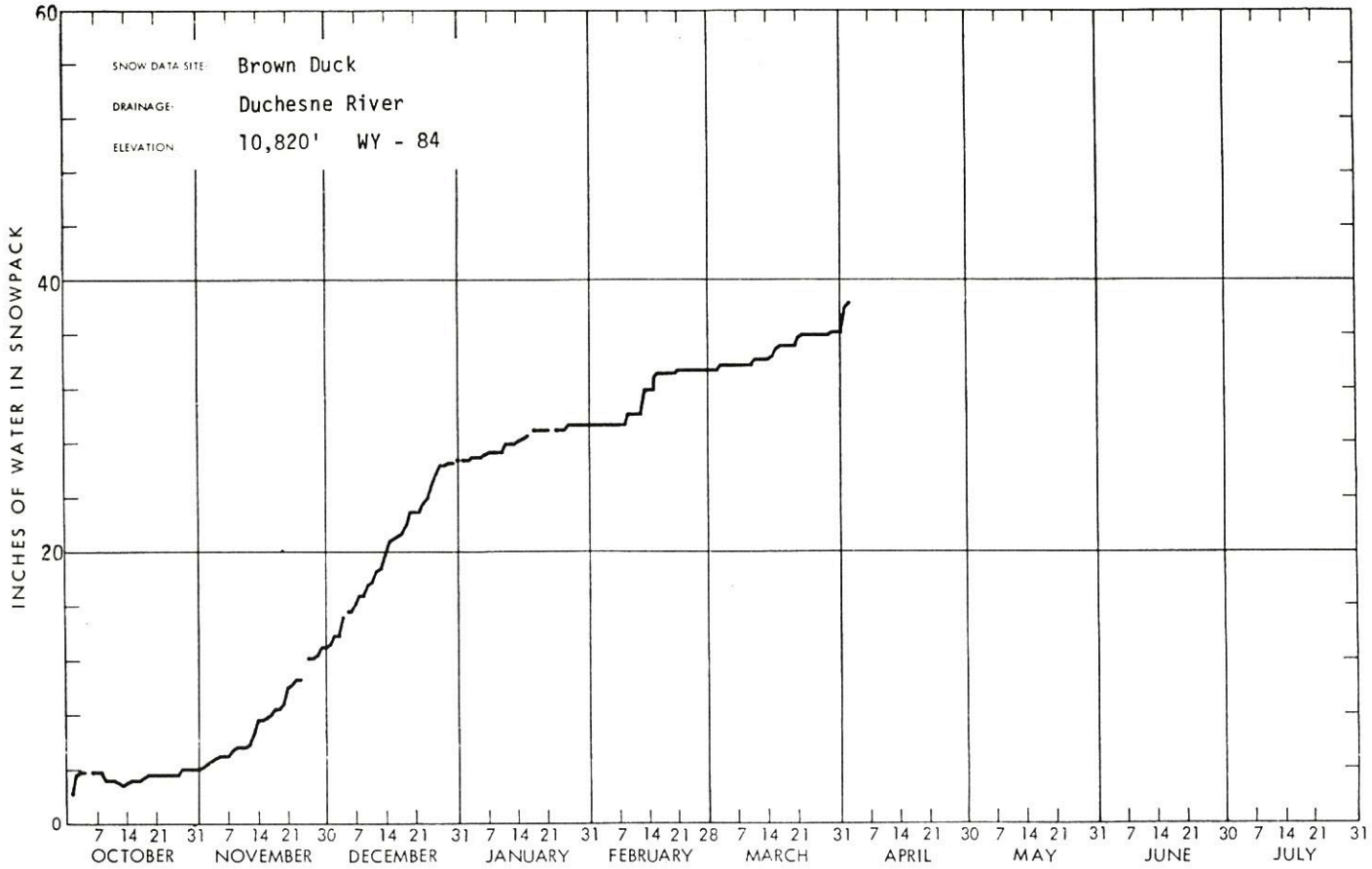
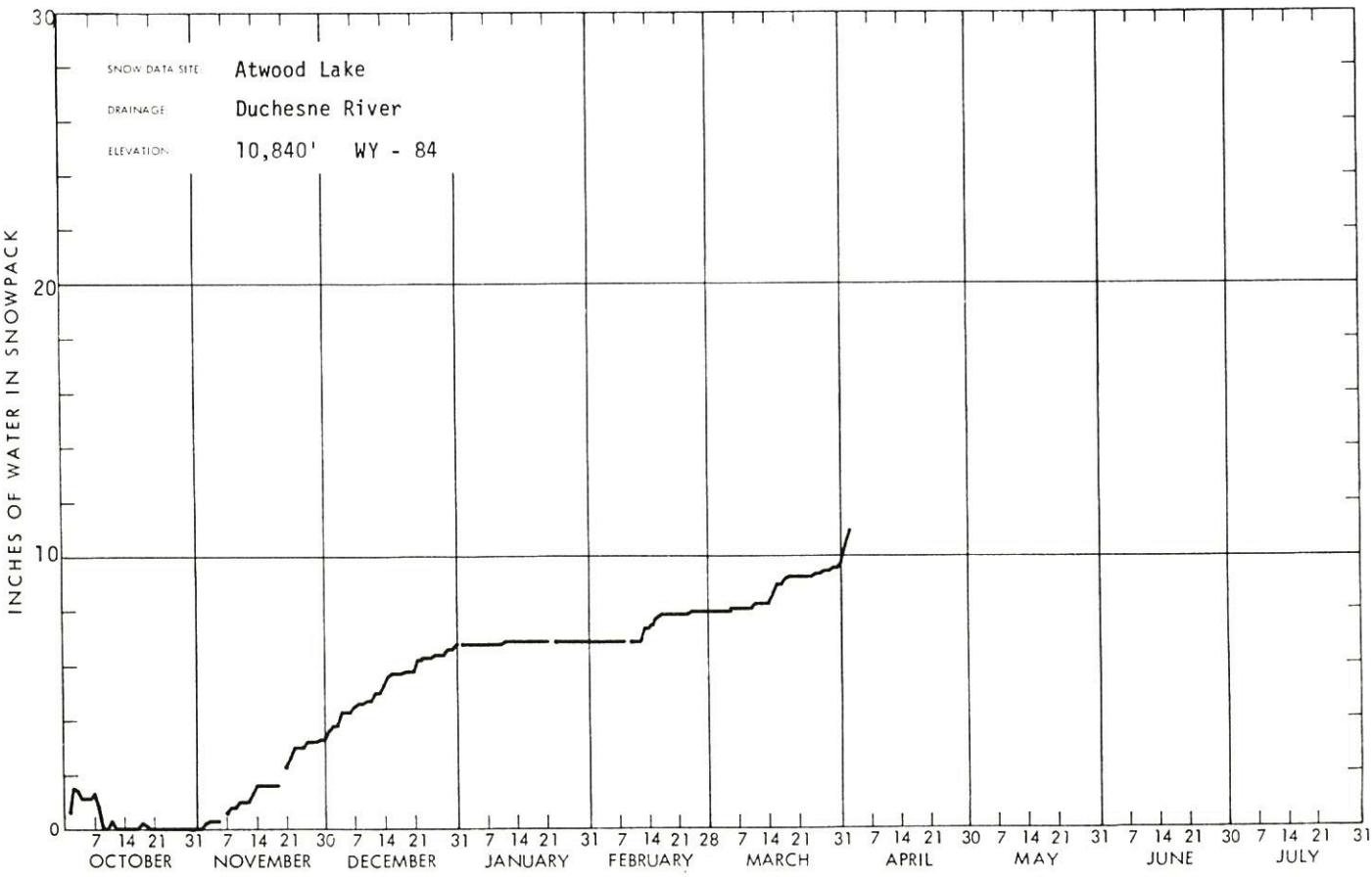
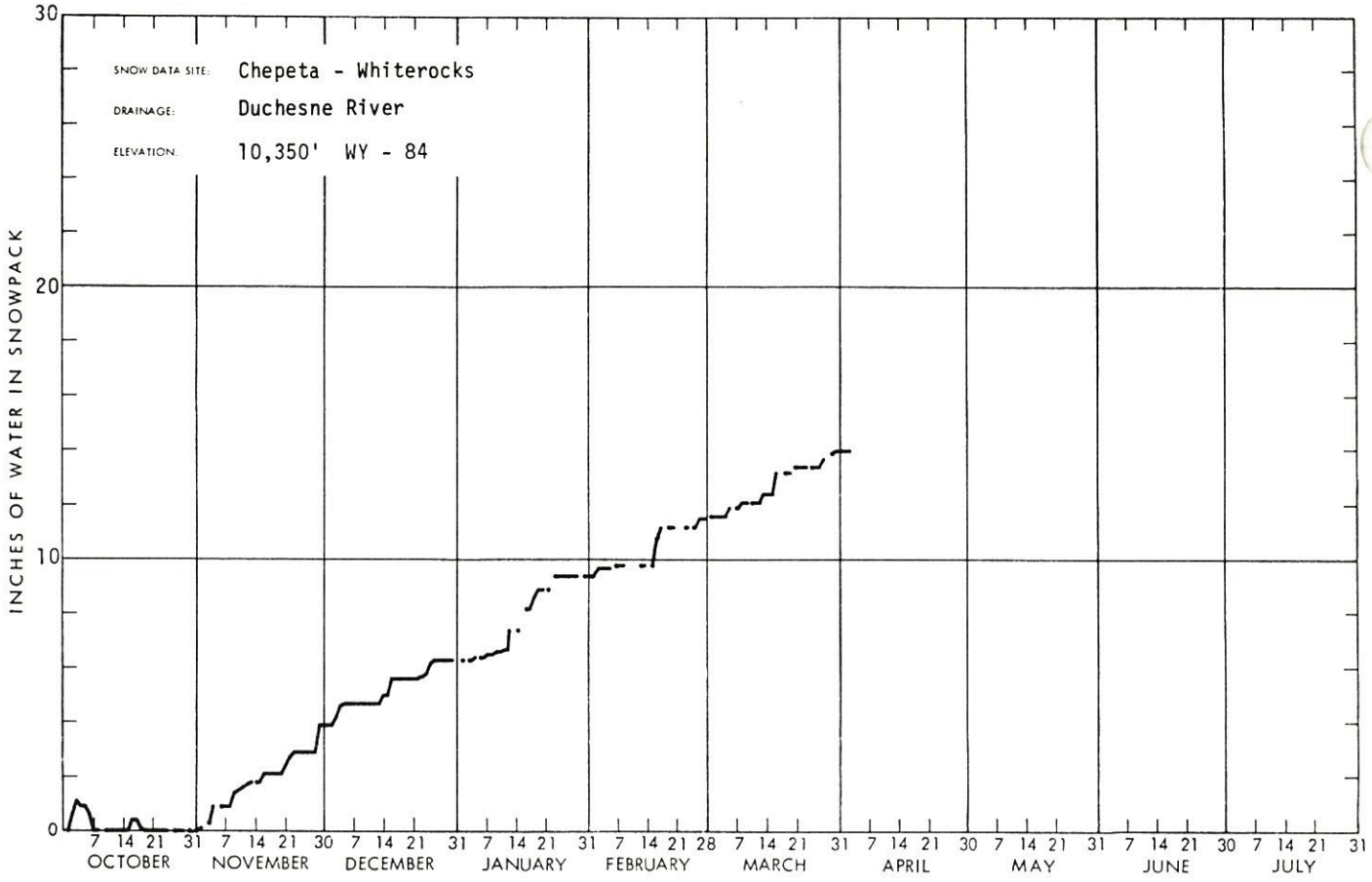
JUNE
JULY

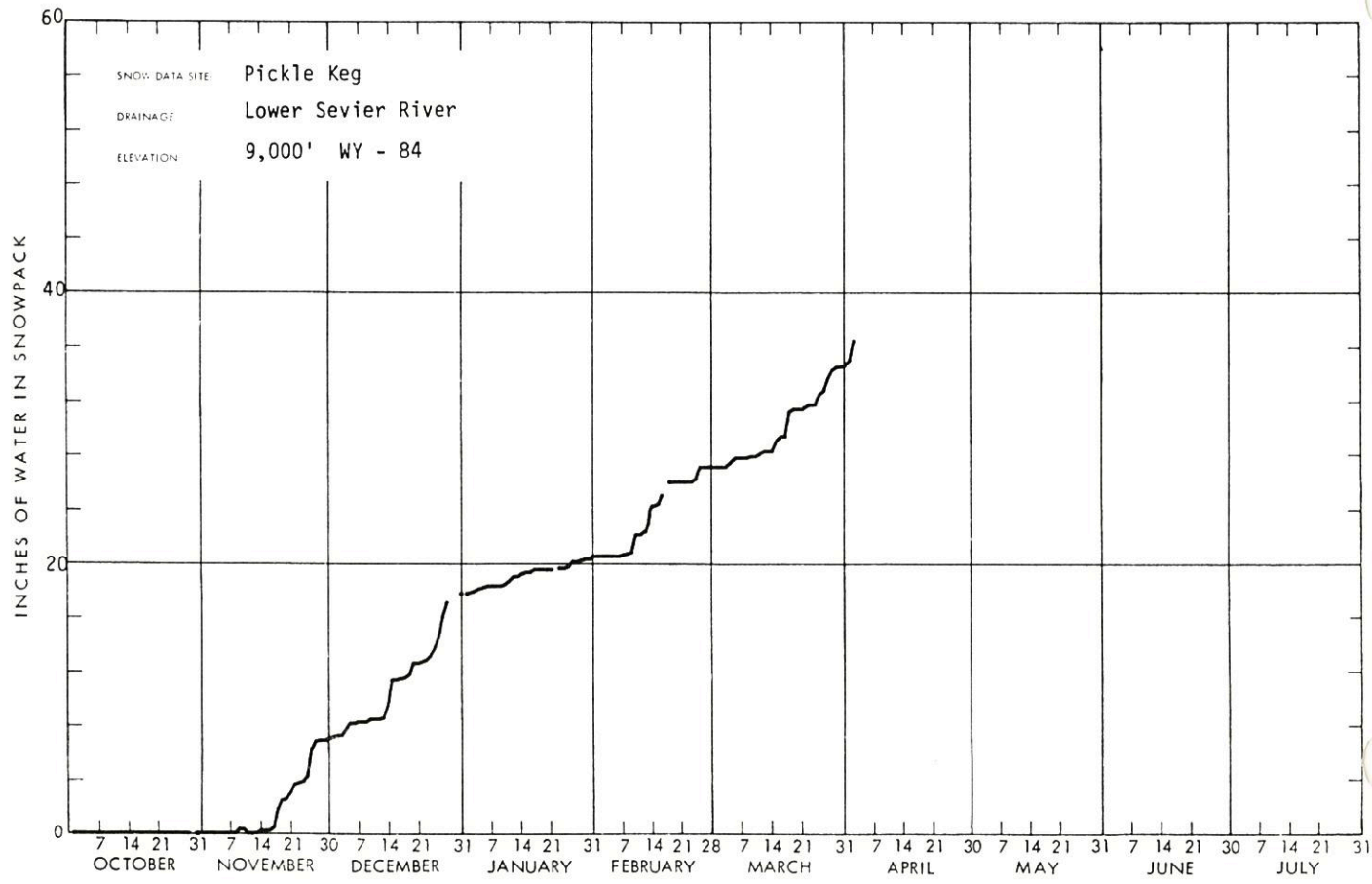
W-SFB-X13A


SNOW DATA SITE: Brown Duck
DRAINAGE: Duchesne River
ELEVATION: 10,820' WY - 84
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

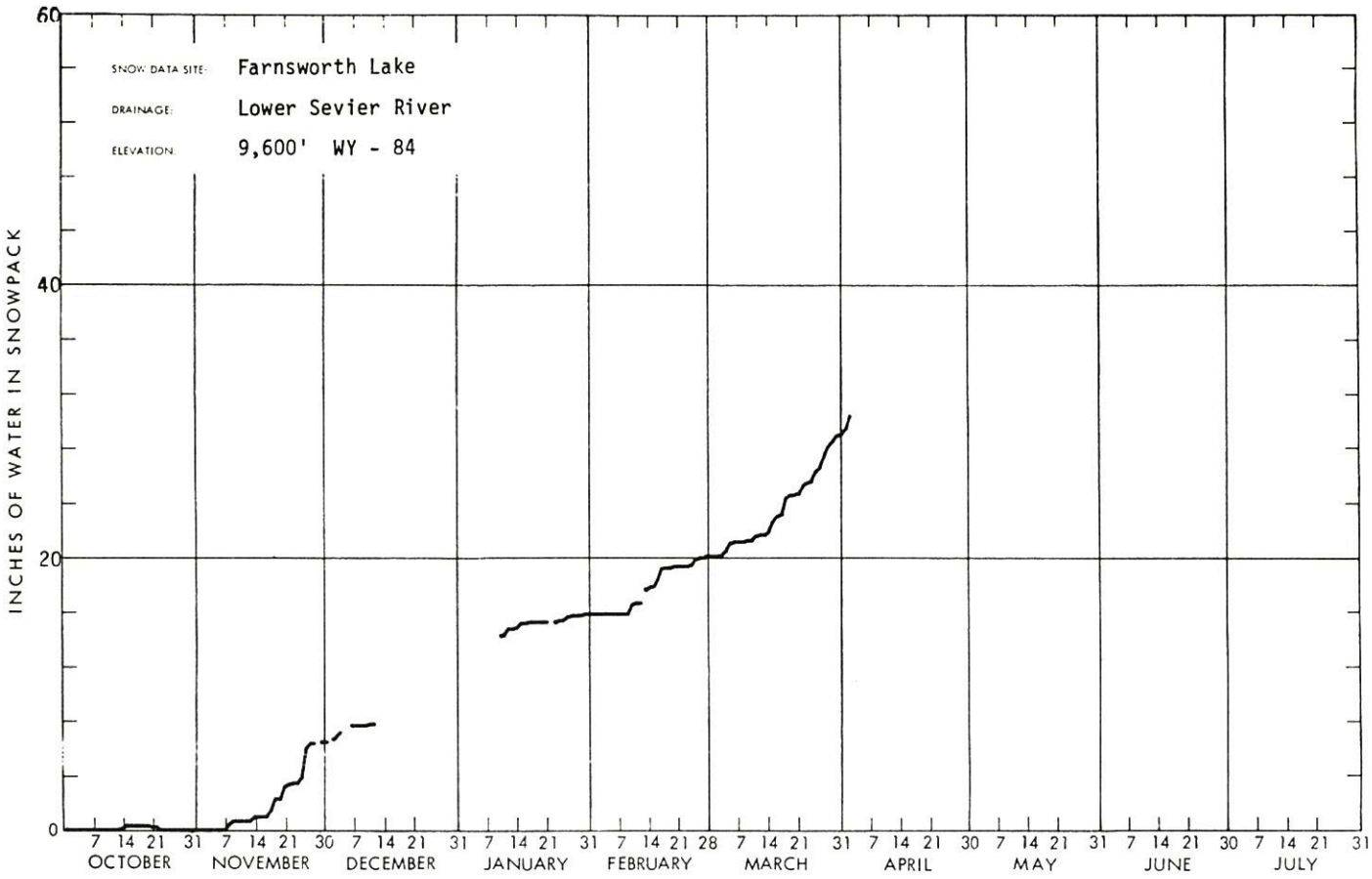

SNOW DATA SITE: Atwood Lake
DRAINAGE: Duchesne River
ELEVATION: 10,840' WY - 84
INCHES OF WATER IN SNOWPACK
30
20
10
0
7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 31 7 14 21 28 7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 30 7 14 21 31
OCTOBER NOVEMBER DECEMBER JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY

WSFB-X13A


SNOW DATA SITE: Chepeta - Whiterocks
DRAINAGE: Duchesne River
ELEVATION: 10,350' WY - 84
INCHES OF WATER IN SNOWPACK
0
10
20
30
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 DATA SITE: Pickle Keg
DRAINAGE: Lower Sevier River
ELEVATION: 9,000' WY - 84
INCHES OF WATER IN SNOWPACK
0
20
40
60
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-X13A


SNOW DATA SITE: Farnsworth Lake
DRAINAGE: Lower Sevier River
ELEVATION: 9,600' WY - 84
INCHES OF WATER IN SNOWPACK
0
20
40
60
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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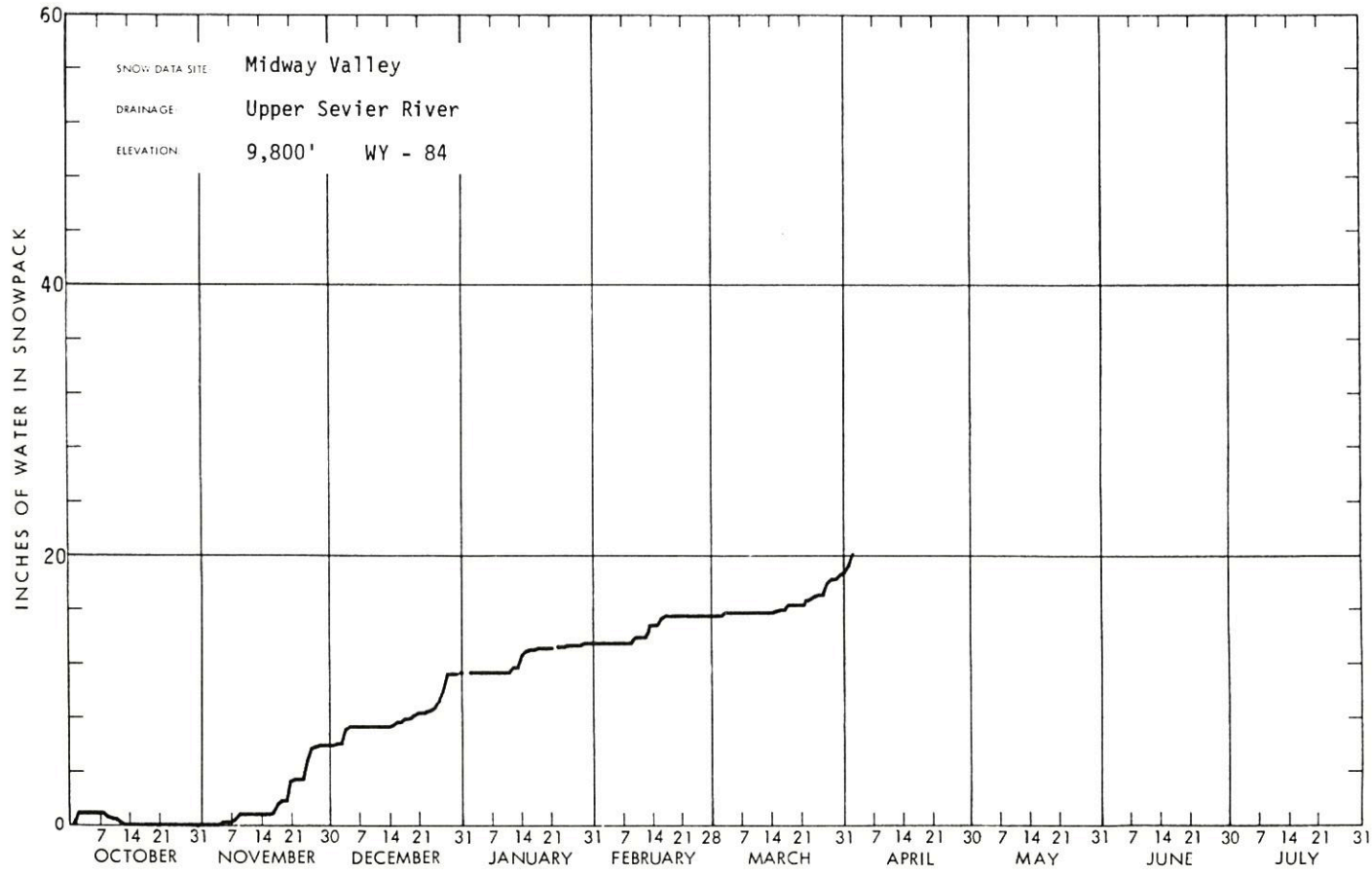
JULY


SNOW DATA SITE: Midway Valley
DRAINAGE: Upper Sevier River
ELEVATION: 9,800' WY - 84
INCHES OF WATER IN SNOWPACK
0
20
40
60
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
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APRIL
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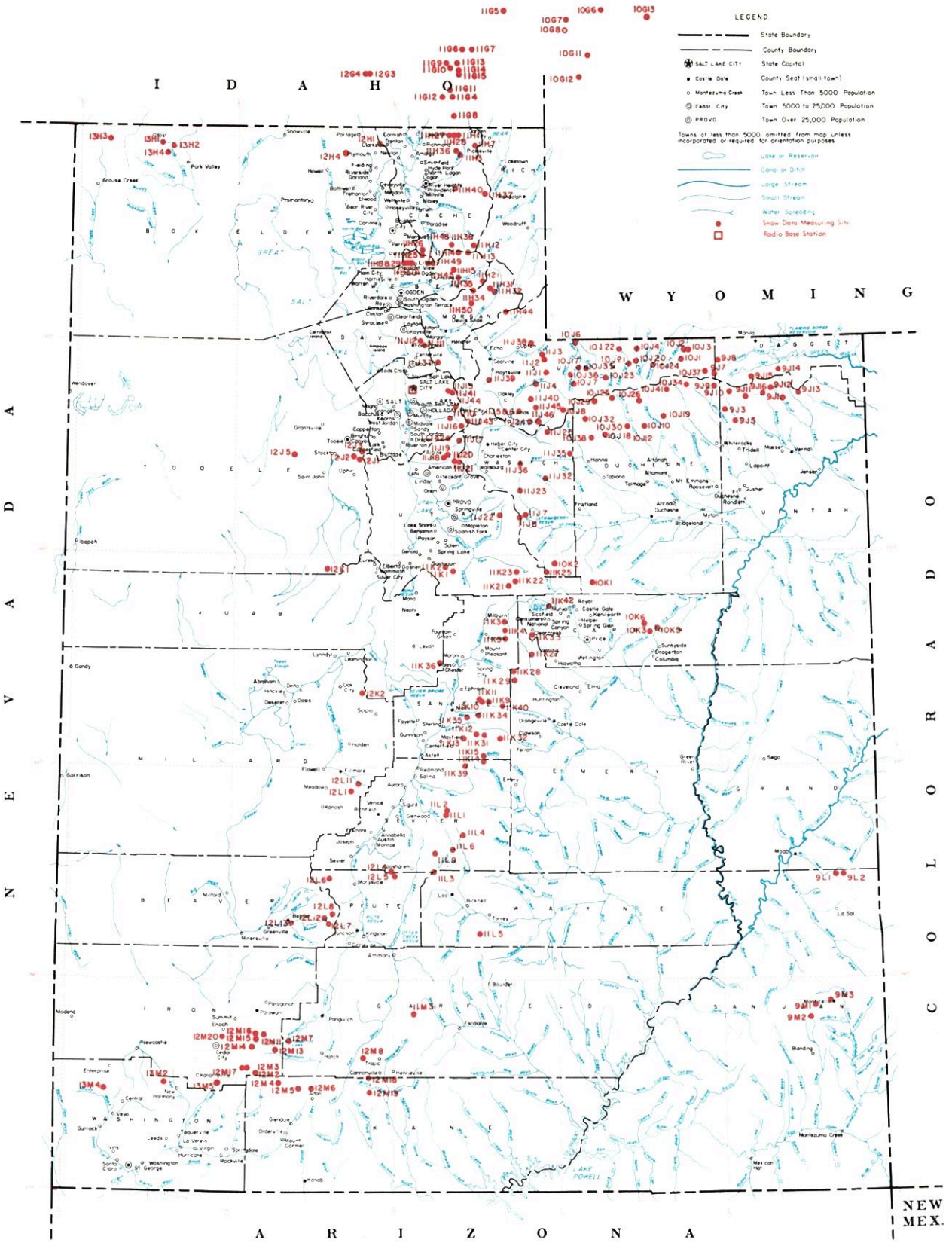
JULY



SNOW COURSES AND RELATED DATA MEASURING SITES

UTAH

1982

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 1981 M7-01-4207

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
11H30 PST	U	Ben Lomond Trail	2	7N	1W	6,000
11H35p	U	Causey Dam	34	7N	3E	5,500
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
11J39pa	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
11K1P	U	Payson R.S.	30	10S	3E	8,050
11K2	U	Rock Bridge	14	10S	2E	6,750
11J25P	U	Soapstone R.S.	9	3S	8E	7,800
11J19	U	South Fork R.S.	24	4S	2E	6,100
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
12L6PST	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
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
11K42P	U	Dry Valley Divide Alternate	14	11S	7E	8,100
10K3M	U	Grassy Trail Creek-Left Fork	1	14S	13E	7,970
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
11K25	U	White River #3	30	10S	8E	7,400
		SAN RAFAEL RIVER				
11K31PST	U	Buck Flat	23	19S	4E	9,400
11K4	U	Gooseberry Reservoir	25	13S	5E	8,700
11K5P	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
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				
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	Shotel Data Site

United States
Department of
Agriculture

Soil
Conservation
Service

Salt Lake City
Utah

WATER SUPPLY OUTLOOK FOR UTAH

in Cooperation with Utah State Department of Natural Resources

May 1, 1984

WATER SUPPLY OUTLOOK FOR UTAH

and

FEDERAL-STATE-PRIVATE COOPERATIVE SNOW SURVEYS

Issued by

PETER C. MYERS
CHIEF
SOIL CONSERVATION SERVICE
WASHINGTON, D.C.

Released by

FRANCIS T. HOLT
STATE CONSERVATIONIST
SOIL CONSERVATION SERVICE
SALT LAKE CITY, UTAH

In Cooperation with

UTAH STATE DEPARTMENT OF NATURAL RESOURCES

DEE C. HANSEN
State Engineer
Division of Water Rights

DANIEL F. LAWRENCE
Director
Division of Water Resources

Report prepared by Snow Survey Staff

BOB L. WHALEY, Supervisor

Soil Conservation Service
125 So. State, Fed. Bldg.
P.O. Box 11350
Salt Lake City, Utah 84147

PROSPECTIVE WATER SUPPLIES

Based on Snow Surveys Made on
UTAH and BEAR RIVER WATERSHEDS

May 1, 1934

Approximate Date

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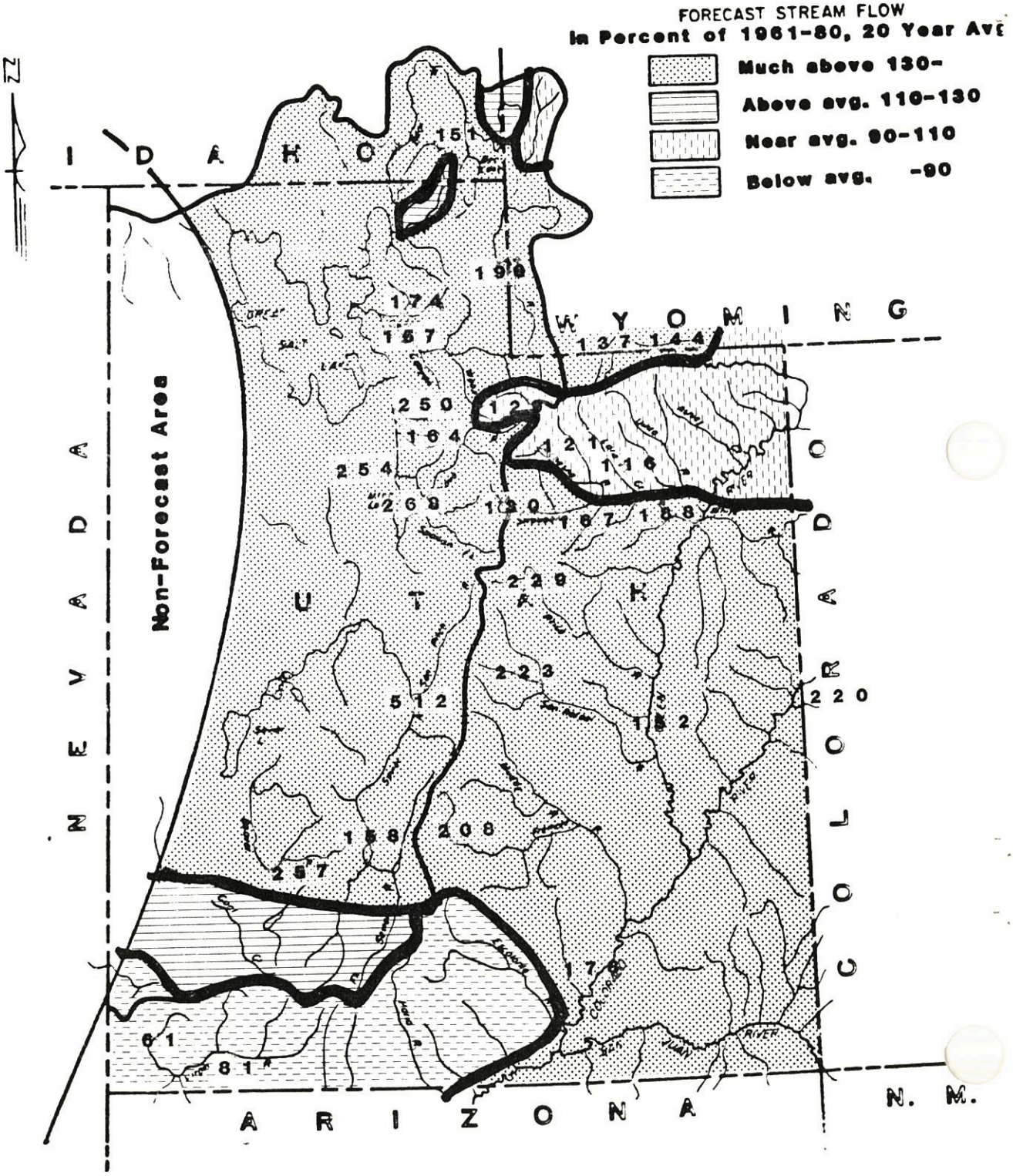
SCALE IN MILES



USDA SCS PORTLAND, OREG. 1110 M-2053

WATER SUPPLY OUTLOOK

As of May 1, 1984

Utah's 1984 Water Supply Outlook ranges from below average on the Virgin River to well above average on the Lower Sevier. Snow cover ranges from 67% of average on the Virgin to 300% on the Fremont River and 226% on Lower Sevier. Soil moisture is wetter than average except along the southern border of the state. Reservoir storage is 123% of average and 74% of capacity. Streamflow forecasts range from below average on the Virgin to eight to nine times average on the Lower Sevier.

SNOW COVER

Snow measurements taken the last week of April show heavy increases to the snow pack in a band between Beaver to Fillmore and East through Fishlake and Salina. Courses in this band increased as much as 12.6 inches of water content when normally they would have lost as much as 3 inches during the month. Many snow courses have set new maximum May 1 water content readings especially in the central part of the state. Basin snow pack percentages are now as follows: Upper Bear 119%, Lower Bear 150%, Logan 135%, Ogden 148%, Weber 144%, Duchesne 122%, Provo 127%, Utah Lake 152%, Tooele Valley 229%, Price 174%, San Rafael 184%, Muddy 163%, Fremont 300%, Beaver 177%, Upper Sevier 131%, Lower Sevier 226%, Coal Creek 69%, Virgin River 67%, LaSal Mountains 178%, and Blue Mountains 96% of the May 1 average.

PRECIPITATION

Precipitation at mountain stations during April ranged from 50 to 90% of average in Northern Utah and Uintah Basin to as high as 245% in the Central part of the state above Fillmore.

SOIL MOISTURE

Watershed soils are generally wetter than average and wetter than last year except in the extreme southern part of the state on the Virgin, Upper Sevier, and Blue Mountain areas.

RESERVOIR STORAGE

Storage in 28 key irrigation reservoirs is now 123% of the May 1 average and 92% of useable capacity. Many reservoirs have been drawn down in northern Utah to provide space for spring runoff. Utah Lake is now 3.89 feet over compromise and Great Salt Lake is 4208.1 feet above mean sea level.

-more-

WATER SUPPLY OUTLOOK (continued)

STREAMFLOW FORECASTS

Streamflow forecasts for the May-July period now range from 61% of average for Santa Clara River to five to nine times average on the Lower Sevier.

Delayed melt again this year has generally caused May-July forecast percentages to increase except on the Bear, Duchesne, and Virgin Rivers.

Forecast ranges by basin are as follows: Bear, 102% for Smith's Fork to 196% for Big Creek; Ogden, 159% for South Fork to 174% for Pineview Inflow; Weber, 129% for Oakley to 226% for East Canyon; Utah Lake-Jordon River, 147% for Little Cottonwood to 280 for Emigration Creek; Tooele Valley, 147% for South Willow to 306% for Vernon Creek; Duchesne, 107% for Yellowstone to 188% for Duchesne at Myton; Price River, 220% for Gooseberry Creek to 229% for Scofield Inflow; San Rafael, 213% for Huntington Creek to 223% for Cottonwood Creek; Muddy Creek 200%, Seven Mile Creek 208%; Main Stem Colorado, 152% for Green at Green River to 220% for Colorado at Cisco; 137% for San Juan at Bluff; Sevier River, 112% at Hatch to 921% for Vermillion to Gunnison; Beaver River, 257% at Beaver to 416% for Minersville Inflow; Virgin River, 61% for Santa Clara to 81% for Virgin at Hurricane; 123% for Coal Creek for the May-July period.

High peak flows can be expected on the Lower Sevier-San Pitch, Beaver, Chalk Creek, Price, San Rafael, Fremont, Utah Lake tributaries, along the Jordan River, and Tooele valley streams.

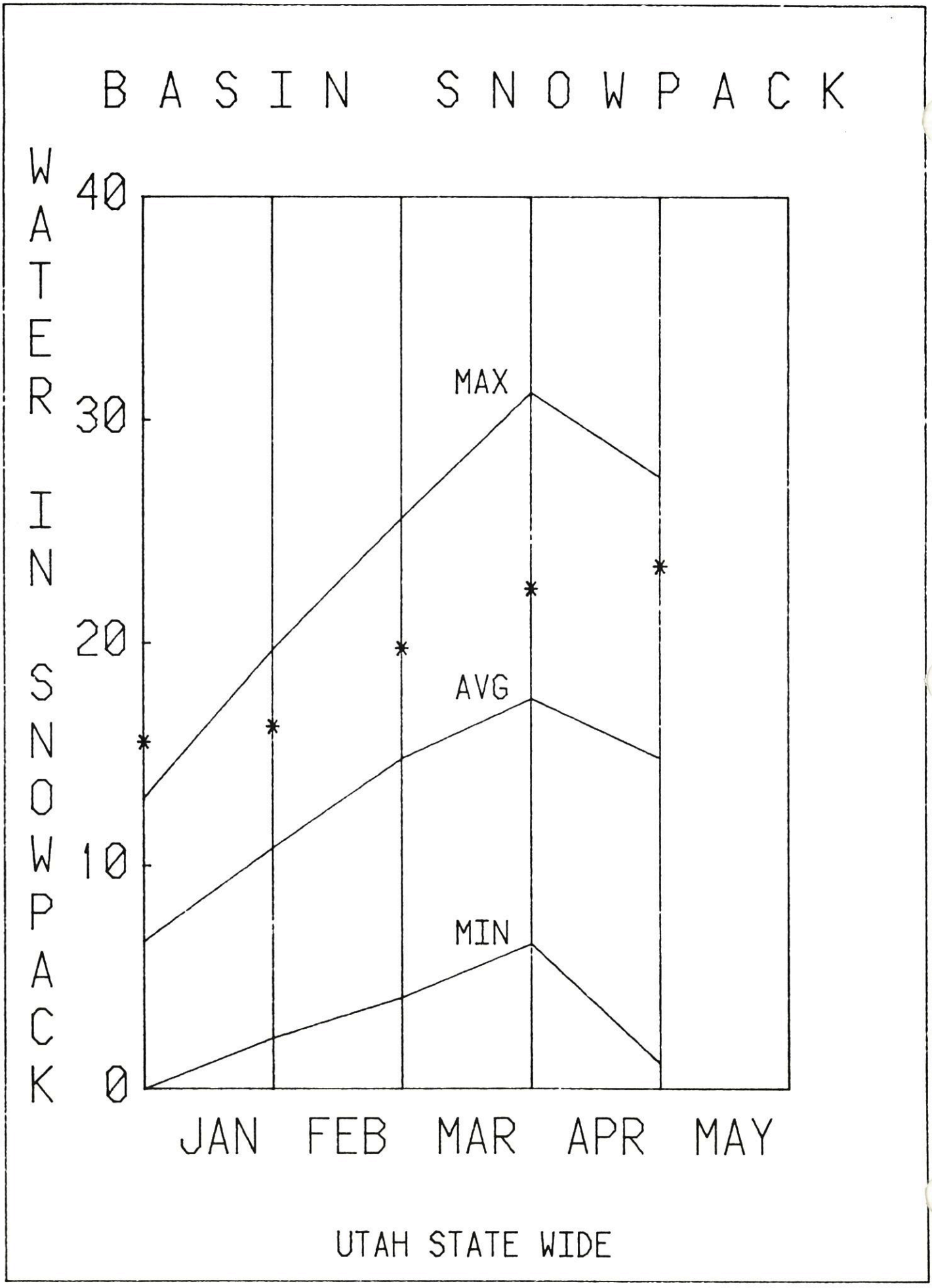
Utah Lake is expected to rise to 5 to 6 feet above compromise again this year and Great Salt Lake is forecast to peak between 4208.8 and 4209.5 feet in elevation.

Property owners near stream channels or these lakes should take precautions to protect property as much as possible to prevent damage.

RESERVOIR STORAGE (Thousand Acre Feet) END OF MONTH

Basin or Stream	RESERVOIR	Usable Capacity	Usable Storage		
			This Year	Last Year	Average†
GREAT BASIN					
Bear River	Bear Lake	1421.0	1111.2	1106.4	1054.1
	Woodruff Narrows	55.8	35.0[a]	55.8	--
	Woodruff Creek	3.5	3.5	3.5	--
Beaver River	Minersville (RkyFd)	26.0	21.1	23.5	14.6
Little Bear	Hyrum	15.3	10.9	10.8	13.2
	Porcupine	11.3	8.1	11.9	9.5[b]
Ogden	Causey	6.9	0.8	1.8	2.6[b]
	Pineview	110.1	53.8	83.3	76.6
Provo	Deer Creek	149.7	121.2	112.4	106.9
Settlement Creek	Settlement Creek	1.2	0.8	1.0	0.9[b]
	Vernon Creek	0.6	0.6	0.6	0.6[b]
Sevier River	Gunnison	18.2	13.8	17.1	14.9[b]
	Otter Creek	52.5	48.9	34.5	39.5
	Piute	71.8	58.6	71.4	44.7
	Sevier Bridge	236.0	212.1	227.6	136.0
	Panguitch Lake	22.3	21.7	21.8	--
Spanish Fork	Strawberry	270.0	270.0	263.4	156.0
Utah Lake	Utah Lake	883.9	1287.9	1164.5	766.8
Weber	East Canyon	48.1	27.9	39.6	41.5[b]
	Echo	73.9	31.1	40.2	54.2
	Lost Creek	20.0	7.7	15.2	14.3[b]
	Rockport	60.9	25.7	32.4	36.8
	Willard Bay	193.3	135.8	161.1	168.0
COLORADO R. BASIN					
Ashley Creek	Steinaker	33.3	25.7	27.2	23.0[b]
	Red Fleet	26.0	18.0	20.7	--
Colorado	Blue Mesa	829.5	220.7	434.6	--
	Lake Powell	25002.0	21067.0	22782.0	--
Green	Flaming Gorge	3749.0	3067.4	3248.6	--
Lakefork	Moon Lake	35.8	30.0	33.2	18.1
Price River	Scofield	65.8	28.0	37.6	36.6
San Juan	Navajo	1696.0	1370.0	1316.8	--
	Ken's Lake	2.3	1.2	1.6	--
San Rafael	Huntington North	3.9	3.6	3.6	3.9[b]
	Joe's Valley	54.6	25.5	33.9	46.8[b]
	Mill Site	16.7	14.6	15.5	6.3[b]
Strawberry	Currant Creek	15.5	4.9	--	--
	Starvation	165.3	128.2	117.5	113.5[b]
	Soldier Creek	951.4	68.5	41.4	--
Uintah	Bottle Hollow	11.3	11.3	11.0	10.6[b]

a - Partly estimated
b - Average of past record in average period - less than 20 years
+ - 1961-80 20 year average period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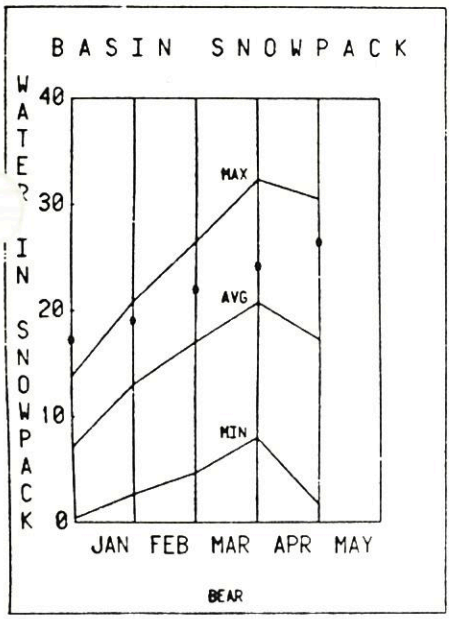
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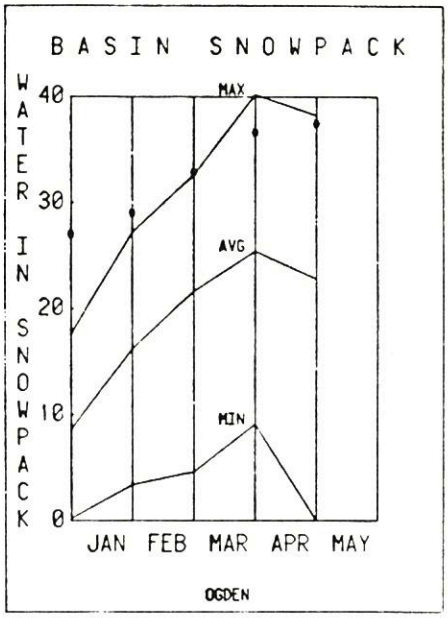
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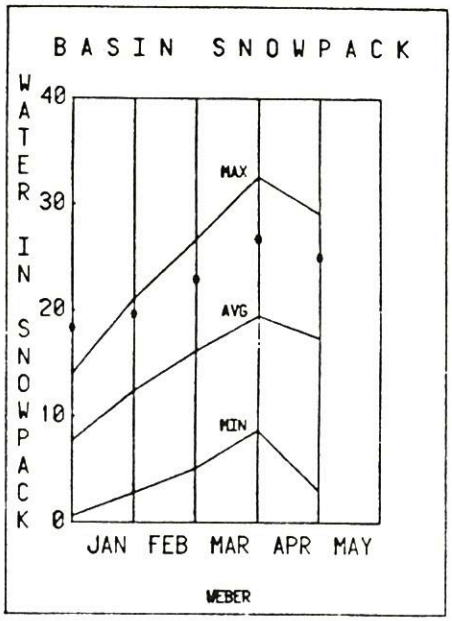
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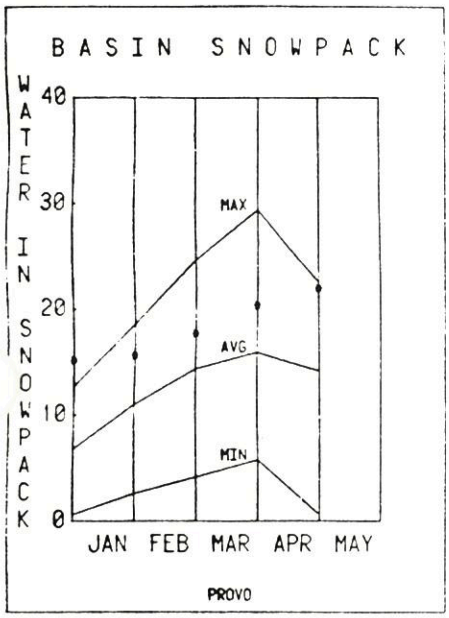
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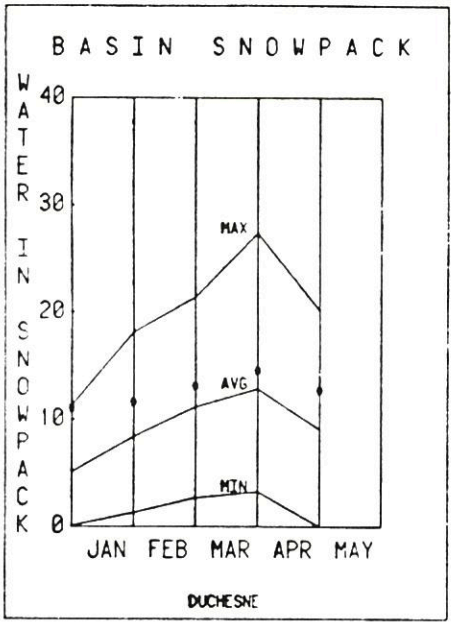
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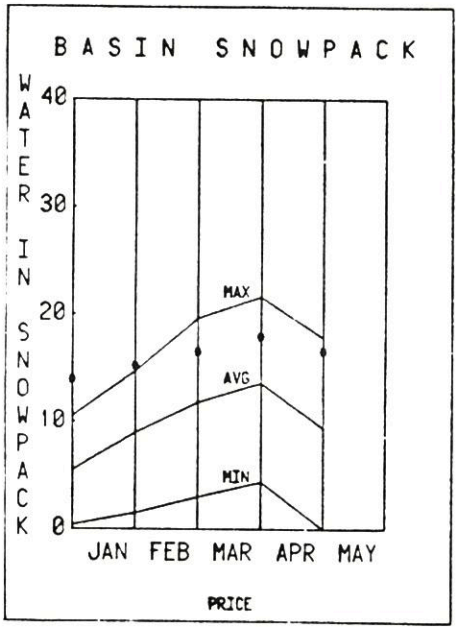
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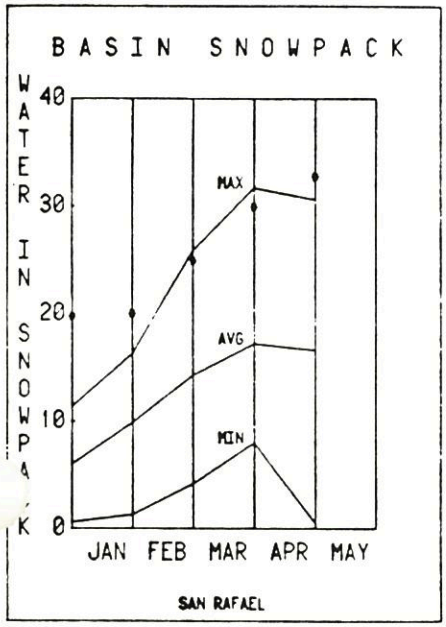
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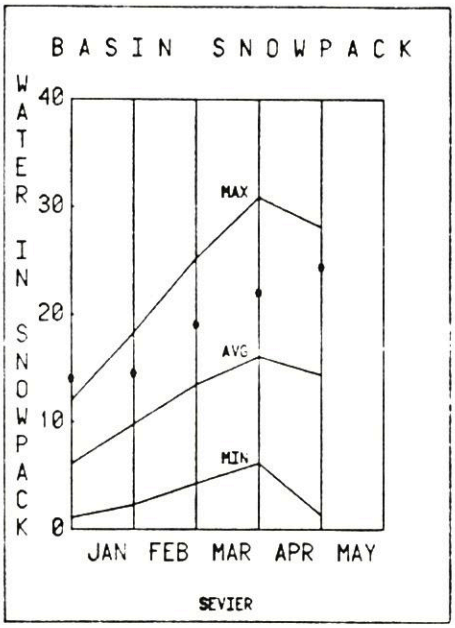
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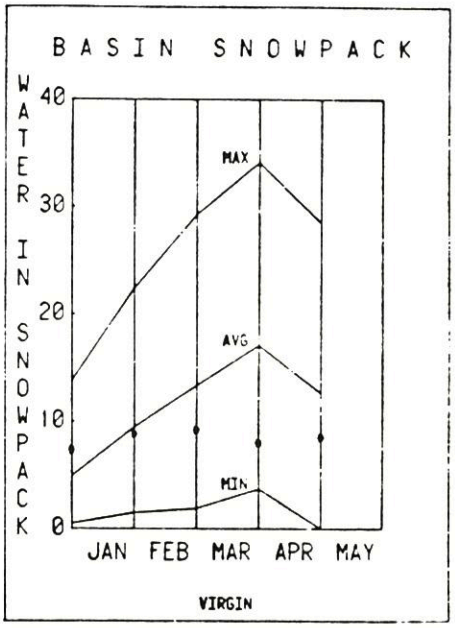
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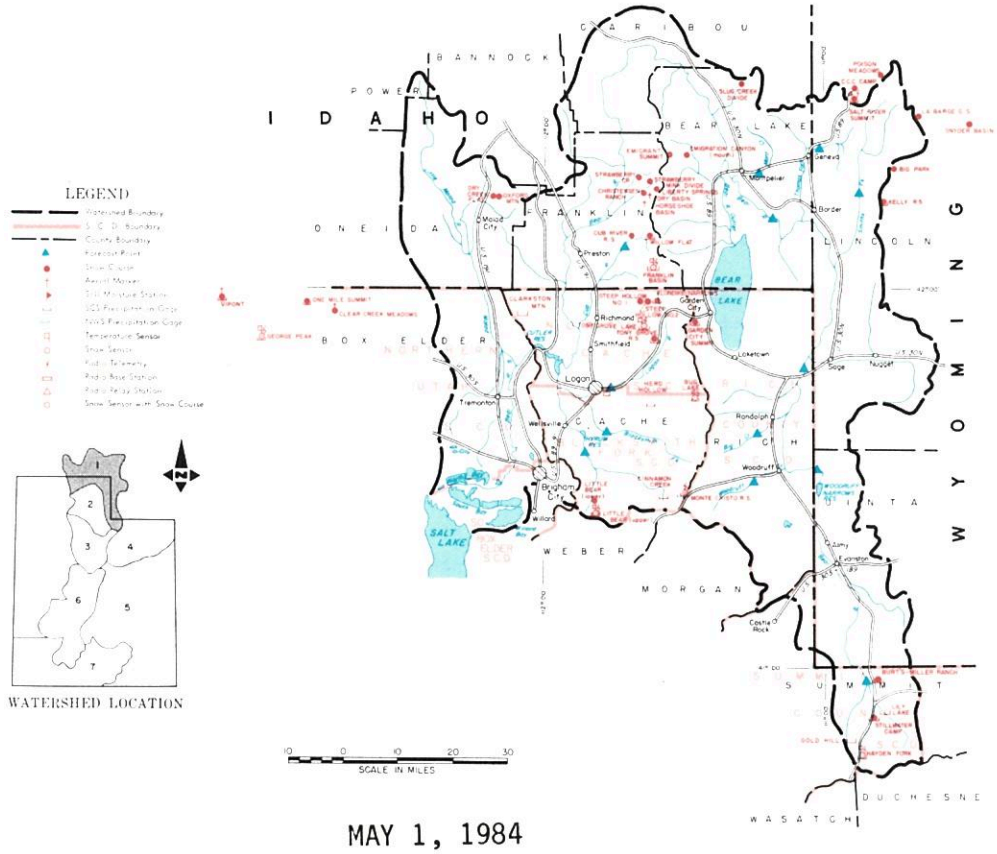
WATER SUPPLY OUTLOOK
BEAR RIVER BASIN in UTAH

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



MAY 1, 1984

THE WATER SUPPLY OUTLOOK IS ABOVE AVERAGE

SNOW COVER ranges from 119% of the May 1 average on the Upper Bear to 150% on the Lower Bear. Logan River is 135% of average.

PRECIPITATION at mountain stations ranged from 57% of the April average at Hayden Fork to 106% at Garden City Summit.

SOIL MOISTURE is well above average and wetter than last year.

RESERVOIR STORAGE has been reduced to make room for runoff. All reservoirs are expected to fill as runoff progresses.

STREAMFLOW FORECASTS range from 102% for Smith's Fork to 196% for Big Creek for the May-July period. The Bear is forecast 144% at State Line, 190% at Woodruff, 211% at Randolph and 151% at Harer. Woodruff Creek is forecast 139% of average. Logan River is forecast 121%, Blacksmith Fork 153%, Little Bear 148% and Cub River 147% of the April-July average.

Peak flows are expected to range from about 15 to 20% above average on the Logan to about twice average on Big Creek. Precautions should be taken to protect property along stream channels.

USDA SCS PORTLAND, OR 1981 M17-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 3	PAST RECORD THOUSAND ACRE FEET Average +
BEAR RIVER					
Bear nr UT-Wyo. State Line	151	144	May-July	159	105
Bear nr Woodruff 1/	220	190	May-July	236	116
Woodruff Crk nr Woodruff, UT	21	139	May-July	28	15.1[b]
Big Creek nr Randolph, UT	8.6	196	May-July	--	4.4[a]
Bear nr Randolph 1/	170	211	May-July	262	82
Thomas Fork nr ID-WY State Ln	40	115	Apr-Sept	--	35
Smith's Fork nr Border, WY	121	102	Apr-Sept	--	119
Bear at Harer, Idaho 1/	468	151	Apr-Sept	688	310
Logan nr Logan 1/	122	121	May-July	153	101
Blacksmith Fork nr Hyrum	58	153	May-July	74	38
Little Bear nr Paradise	38	148	May-June	72	26
Cub River nr Preston, ID	63	147	May-July	--	43

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	19	119	142
UPPER BEAR RIVER	6	104	119
LOWER BEAR RIVER	13	124	150
LOGAN RIVER	7	114	135

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
a - Partly estimated
b - Average of all past record - less than 20 years
e - Maximum mean daily peak flow
+ - 1961-80 20 year Average Period
* - Forecast in cooperation with National Weather Service

RESERVOIR STORAGE (Thousand Acre Foot)

BASIN OR STREAM	RESERVOIR	Usable Capacity	USEABLE STORAGE This Year	USEABLE STORAGE Last Year	USEABLE STORAGE Average+
BEAR RIVER	Bear Lake	1421.0	1111.2	1106.4	1054.1
	Woodruff Narrows	55.8	35.0[a]	55.8	--
	Woodruff Creek	3.5	3.5	3.5	--
LITTLE BEAR	Hyrum	15.3	10.9	10.8	13.2
	Porcupine	11.3	8.1	11.9	9.5[b]

PEAK FLOWS[e]

FORECAST POINT	PEAK FLOW (SECOND FEET) Forecast Range	PEAK FLOW (SECOND FEET) Average +
Bear nr. Ut.-Wyo. Stateline	2040-2420	1506
Woodruff Creek nr Woodruff	300-440	253
Big Creek nr Randolph	80-120	48[b]
Logan River nr Logan	960-1260	980
Little Bear nr Paradise	560-880	519

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	4/28	12	4.2	4.2	2.4
Cub River R.S.	4/27	14	5.1	0.0	0.1
Emigrant Summit	4/30	81	33.4	30.2	23.6
Franklin Basin	4/27	79	33.6	30.2	20.7[a]
Garden City Summit	4/27	57	20.8	18.5	17.4
Hayden Fork	4/28	46	18.2	18.2	16.2
Klondike Narrows	4/27	50	23.0	20.2	15.6

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	4/24	18	7.9	3.3	1.5
Little Bear Upper	4/24	32	14.5	8.5	5.4
Monte Cristo	4/24	69	29.8	27.8	26.8
Salt River Summit	4/26	46	15.8	15.2	14.5
Stillwater Camp	4/28	30	10.6	11.0	8.4
Tony Grove R.S.	4/27	27	11.3	6.9	3.1

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SOIL CONSERVATION SERVICE
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WATER SUPPLY OUTLOOK

WEBER-OGDEN WATERSHEDS in UTAH

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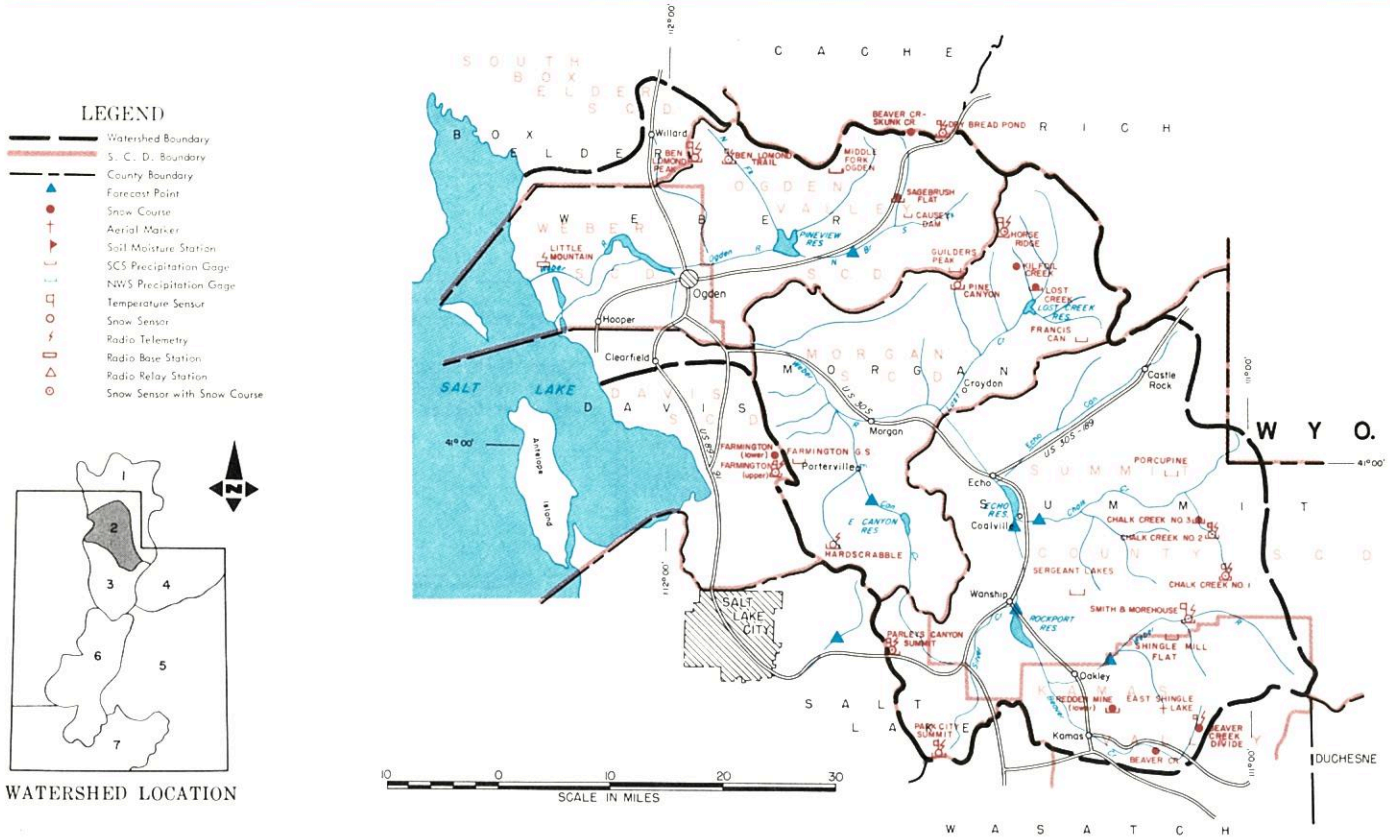
UTAH STATE DEPARTMENT OF NATURAL RESOURCES



MAY 1, 1984

THE WATER SUPPLY OUTLOOK IS ABOVE AVERAGE TO WELL ABOVE AVERAGE

SNOW COVER is now 148% of the May 1 average on Ogden Basin and 144% on Weber Basin. Last year at this time it was 142% and 114% respectively.

PRECIPITATION at mountain stations ranged from 39% of the April average at Sagebrush Flat to 94% at Parleys Summit.

SOIL MOISTURE is above average and wetter than last year.

RESERVOIR STORAGE was drawn down to make room for peak run-off and is now 54% of capacity, 71% of the May 1 average, and 25% less than last year at this time.

STREAMFLOW FORECASTS have increased 5 to 28% and now range from 129% of the May-June average at Oakley to 226% for East Canyon. All forecasts are for less volume than occurred last year in the May-June period. The South Fork Ogden is forecast 159% and Pineview Inflow 174%.

Weber River is forecast 133% at Rockport Reservoir, 137% at Coalville, 152% for Echo Inflow and 167% at Gateway. Chalk Creek is forecast 183%, Lost Creek 214%, East Canyon 226% and Hardscrabble 155% of the May-June average.

Again this year the late melt is expected to cause higher than average peak flows and property along stream channels should be protected as much as possible.

USDA-SCS-FORT WORTH, TEXAS 1983 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	120	129	May-June	138	93
Rockport Reservoir Inflow 1/	128	133	May-June	154	96
Chalk Creek at Coalville	53	183	May-June	58	29
Weber nr Coalville 1/	134	137	May-June	167	98
Lost Creek nr Croydon, UT 1/	24	214	May-June	34	11.2[a]
East Canyon Creek nr Morgan 1/	37	226	May-June	43	16.3
Hardscrabble Crk nr Porterville	22	155	May-June	--	14.1[a]
S. Fork Ogden nr Huntsville1/	65	159	May-June	81	41[a]
Pineview Reservoir Inflow 1/	129	174	May-June	161	74[a]
Echo Reservoir Inflow 2/	182	152	May-June	190	120
Weber at Gateway 1/	374	167	May-June	474.	224
JORDAN RIVER & SALT LAKE					
Farmington Crk nr Farmington	11.4	170	May-July	--	6.7[b]

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	130	148
WEBER RIVER	12	105	144

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
a - Partly estimated
b - Average of all past record - less than 20 years
e - Maximum mean daily peak flow
+ - 1961-80 20 year Average Period
* - Forecast in cooperation with National Weather Service

RESERVOIR STORAGE (Thousand Acre Feet)

BASIN OR STREAM	RESERVOIR	Useable Capacity	USEABLE STORAGE This Year	USEABLE STORAGE Last Year	USEABLE STORAGE Average†
OGDEN	Causey	6.9	0.7	1.8	2.6[b]
	Pineview	110.1	53.8	83.3	76.6
WEBER	East Canyon	48.1	27.8	39.6	41.5[b]
	Echo	73.9	31.1	40.2	54.2
	Lost Creek	20.0	7.8	15.2	14.3[b]
	Rockport	60.9	25.7	32.4	36.8
	Willard Bay	193.3	133.3	161.1	168.0[b]

PEAK FLOWS[e]

FORECAST POINT	PEAK FLOW (SECOND FEET) Forecast Range	PEAK FLOW (SECOND FEET) Average †
South Fork Ogden nr Huntsville	940-1300	763
Chalk Creek nr Coalville	750-1090	510
Weber nr Oakley	1710-2170	1540

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.	4/27	13	5.2	3.8	1.7
Beaver Creek-Skunk Creek	4/24	26	11.5	10.1	6.1
Ben Lomond Peak	4/24	150	70.7	52.1	38.2
Ben Lomond Trail	4/24	49	24.5	17.3	8.1[a]
Chalk Creek #1	4/27	73	29.0	29.0	24.4
Chalk Creek #2	4/27	47	17.9	17.2	14.2
Chalk Creek #3	4/27	17	6.3	6.4	2.9
Dry Bread Pond	4/24	52	25.1	20.4	18.2

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 †
Horse Ridge	4/24	58	26.7	23.1	20.7[b]
Lost Creek Reservoir	4/24	0	0.0	0.0	0.0[b]
Monte Cristo	4/24	69	29.8	27.8	26.8
Parleys Canyon Summit	4/26	65	26.6	23.2	13.8
Sagebrush Flat	4/24	0	0.0	0.8	0.0
Smith & Morehouse	4/27	37	14.1	13.5	9.1
Trial Lake	4/28		31.7[a]	31.4	26.1

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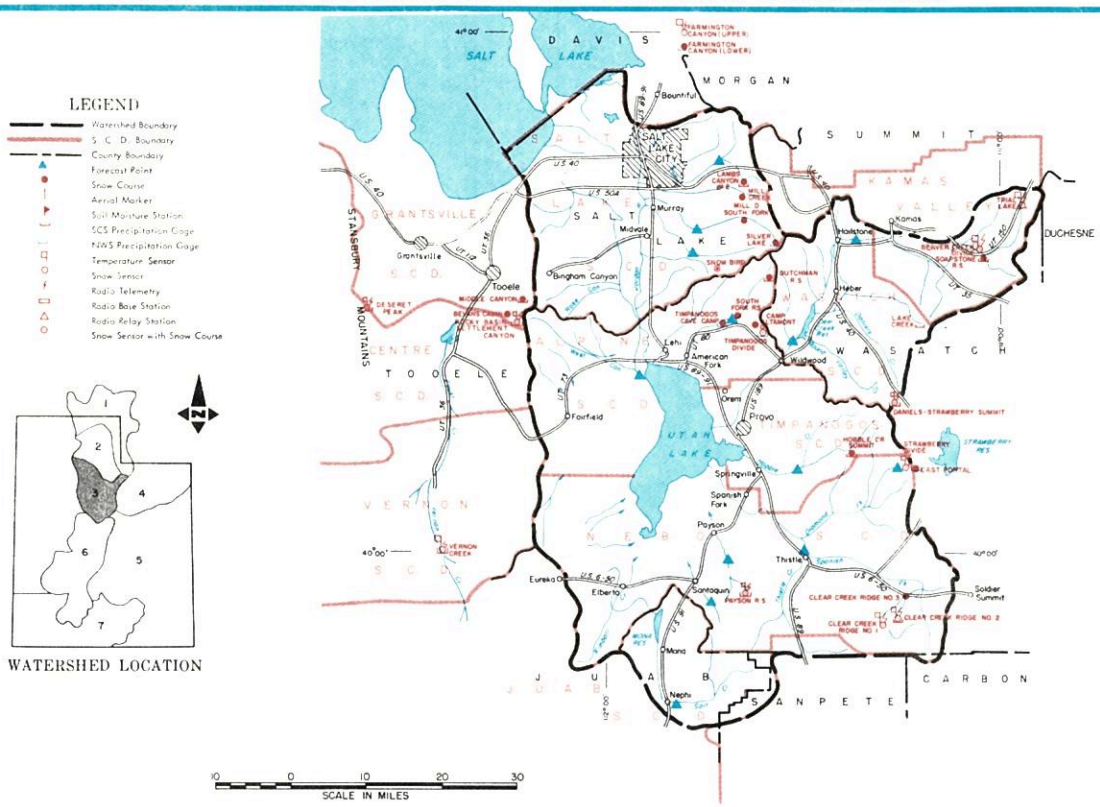
WATER SUPPLY OUTLOOK

UTAH LAKE, JORDAN RIVER and TOOELE VALLEY WATERSHEDS in UTAH

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



MAY 1, 1984

THE WATER SUPPLY OUTLOOK IS WELL ABOVE AVERAGE

SNOW COVER ranges from 127% of the May 1 average on Provo River to 207% in Tooele Valley-Vernon Creek area. Utah Lake drainages are now 152% and Jordan River-Salt Lake Front 176% of the May 1 average.

PRECIPITATION at mountain locations ranged from 81% of the April average at Timpanogos Divide to 172% at Middle Canyon above Tooele.

SOIL MOISTURE is above average and wetter than last year on mountain watersheds.

RESERVOIR STORAGE is above average with Utah Lake 3.89 feet above compromise and Great Salt Lake 4,208.1 feet above mean sea level. Strawberry is full and has been since last May.

STREAMFLOW FORECASTS range from 130% of the May-July period for Strawberry Inflow to 306% for Vernon Creek. Provo River is forecast 160% at Hailstone and 180% below Deer Creek Dam. American Fork is forecast 168%, Hobble Creek 263%, Spanish Fork 273%, Payson Creek 250% and Utah Lake Inflow 268% of the May-July average.

Little Cottonwood is forecast 147%, Big Cottonwood 164%, Mill 235%, Parley's 250%, Emigration 280%, and City Creek 201%. Settlement Creek is forecast 254%, South Willow 147%, and Vernon Creek 306% of the May-July average.

Peak flows are predicted to be 1 1/2 to 3 times average and again this year property along stream channels should be protected as much as possible.

USDA-SCS-FORT WORTH, TEXAS 1983 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 3	PAST RECORD THOUSAND ACRE FEET Average +
PROVO RIVER AND UTAH LAKE					
Provo nr Hailstone 1/	150	160	May-July	151	94
Provo below Deer Creek Dam1/	175	180	May-July	--	96
American Fork nr American Fk.	47	168	May-July	--	28
Hobble Creek nr Springville	35	263	May-July	--	13.3
Strawberry Reservoir Inflow1/	56	130	May-July	141	43
Spanish Fork at Thistle	85	273	May-July	--	28
Payson Creek nr Payson	11.0	250	May-July	--	4.4
Utah Lake Inflow	445	268	May-July	610	166
JORDON RIVER & SALT LAKE					
Little Cottonwood Crk nr SLC	53	147	May-July	61	36
Big Cottonwood nr SLC	54	164	May-July	57	33
Parley's Creek nr SLC	28	250	May-July	35	11.3
Mill Creek nr SLC	12.0	235	May-July	12.1	5.0
Emigration Creek nr SLC	7.0	280	May-July	10.4	2.5
City Creek nr SLC	13.5	201	May-July	19.7	6.6
TOOELE VALLEY					
Settlement Crk nr Tooele	5.3	254	May-July	--	2.1[b]
S. Willow Crk nr Grantsville	4.0	147	May-July	3.9	2.7[b]
Vernon Creek nr Vernon	1.6	306	May-June	3.5	0.5[b]

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	98	152
JORDON RIVER & SALT LAKE	8	102	176
TOOELE VALLEY & VERNON CREEK	4	104	207

1 - Observed flow corrected for change in storage and diversions
3 - Provisional flows - subject to correction
a - Partly estimated
b - Average of past record - less than 20 years
+ - 1961-80 20 year average period
e - Maximum mean daily peak flow
* - Forecast in cooperation with National Weather Service

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	270.0	263.4	156.0
UTAH LAKE	Utah Lake	883.9	1287.9	1164.5	766.8
	Settlement Creek	1.2	0.8	1.0	0.9[b]
	Vernon Creek	0.6	0.6	0.6	0.6[b]
PROVO	Deer Creek	149.7	121.2	112.4	106.9

PEAK FLOWS e

FORECAST POINT	PEAK FLOW (SECOND FEET) Forecast Range	PEAK FLOW (SECOND FEET) Average +
Big Cottonwood nr Salt Lake City	600-700	442
Little Cottonwood nr Salt Lake City	650-750	384
Provo Near Hailstone	2400-2800	2128
Spanish Fork nr Thistle	1400-1600	451[b]
American Fork nr American Fork	600-700	329
Mill Creek nr Salt Lake City	110-130	59
Parley's Creek nr Salt Lake City	350-400	153
City Creek nr Salt Lake City	125-150	75
Emigration	150-175	--

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	4/30	68	26.9	--	4.8
Clear Creek #1	4/28	64	27.1	24.1	17.7
Clear Creek #2	4/28	46	18.6	15.9	10.5
Clear Creek #3	4/28	2	0.9	0.0	0.1
Daniels-Strawberry Summit	4/28	39	16.5	19.1	9.6
Deseret Peak	4/30	106	43.3	--	27.0[a]
Hobble Creek Summit	4/28	40	18.3	18.2	7.9
Lambs Canyon #2	4/26	55	21.9	20.4	9.8[a]
Middle Canyon	4/30	75	29.7	23.0	9.3
Mill Creek	4/25	73	28.1	27.4	21.1[a]

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	4/27	61	25.5	26.0	15.1
Parley's Canyon Summit	4/26	65	26.6	23.3	13.8
Payson R.S.	4/24	68	31.4	30.4	15.5
Rocky Basin-Settlement Canyon	4/30	138	55.8	52.2	30.0
Silver Lake Brighton	4/27	78	32.9	36.2	28.3
Soapstone R.S.	4/27	31	12.9	10.0	7.1
South Fork R.S.	NOT SCHEDULED				
Timpanogos Divide	4/28	58[a]	22.1[a]	35.9	22.6
Trial Lake	4/28	67	31.7[a]	31.4	26.1
Vernon Creek	4/29	44[a]	17.6[a]	21.5[a]	4.3[a]

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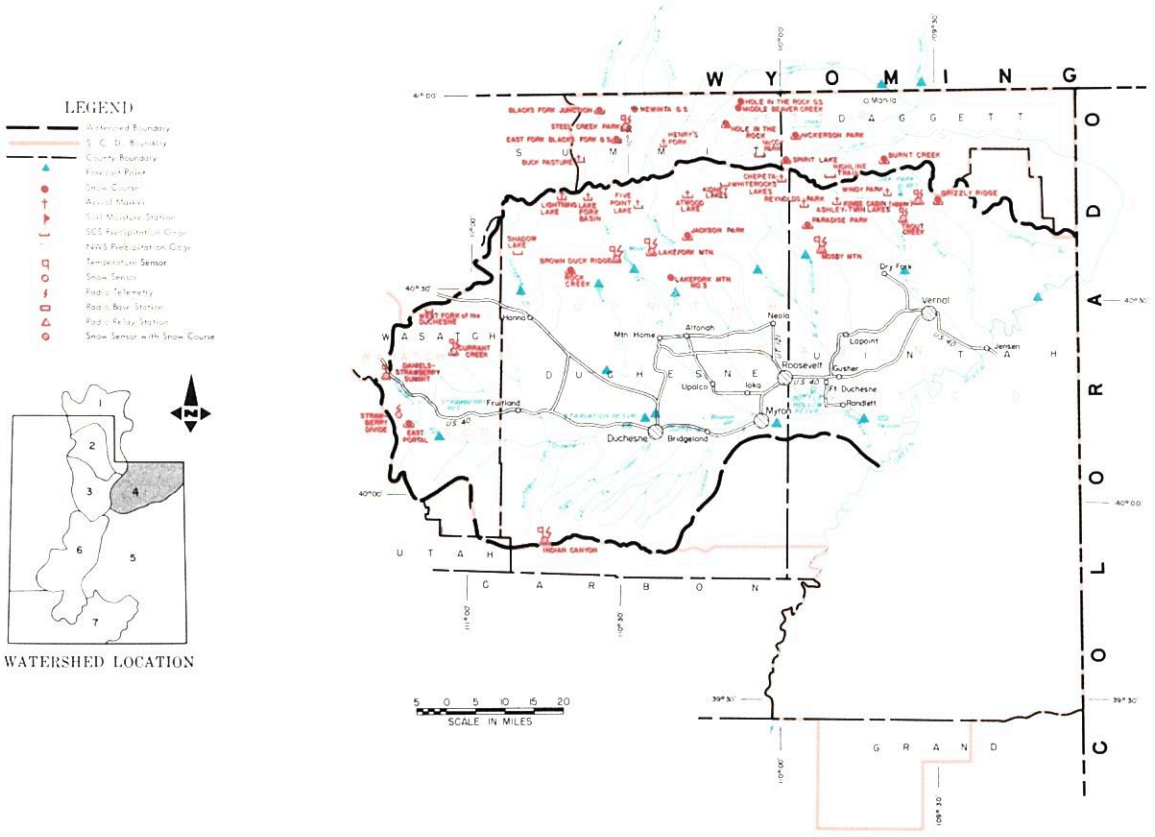
WATER SUPPLY OUTLOOK

UINTAH BASIN and DAGGETT SCD's in UTAH

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



May 1, 1984

THE WATER SUPPLY OUTLOOK IS ABOVE AVERAGE

SNOW COVER ranges from 94% of the May 1 average for Uintah-Whiterocks drainages to 163% for Strawberry River. Ashley Creek is 124%, Lakefork-Yellowstone 111%, Black's Fork 130% and Sheep Creek 151% of the May 1 average for the 1961-80 period.

PRECIPITATION at mountain stations ranged from 59% of the April average at Daniels Summit to 127% at Grizzly Ridge on the east end of the Uintah Mountains.

SOIL MOISTURE is above average.

RESERVOIR STORAGE is above average.

STREAMFLOW FORECASTS for the May-July period now range from 107% of average for Yellowstone to 188% for the Duchesne at Myton.

The Duchesne River is forecast 121% at Tabiona, 120% at Duchesne and 185% at Randlette. The West Fork is forecast 123%. Strawberry River is forecast 167% at Duchesne, Currant Creek 155%, Rock Creek 114%, Lakefork 116%, Uintah 123% and Whiterocks 129% of average. Henrys Fork is forecast 144% and Black's Fork 137% of average.

If normal temperatures and precipitation occur this melt season, peak flows should not cause many problems. Property should be protected along the lower Strawberry and lower Duchesne Rivers where peaks are expected to be 1 1/2 to 2 times average this season.

All water users in this area are expected to have adequate water supplies this season.

USDA-SCS-PORTLAND, OR 1980 M17-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) Thousand Acre Feet	THIS YEAR FORECAST (THOUSAND ACRE FEET) Percent of Average	FORECAST PERIOD	PAST RECORD (THOUSAND ACRE FEET) Last Year	PAST RECORD (THOUSAND ACRE FEET) Average †
DUCHESNE RIVER					
Duchesne nr Tabiona 1/	116	121	May-July	132	96
Duchesne at Duchesne 1/	210	120	May-July	278	175
Strawberry at Duchesne	80	167	May-July	162	48
Rock Creek nr Mtn. Home	100	114	May-July	--	88
Currant Creek nr Fruitland	26	155	May-July	49	16.6
Lakefork below Moon Lake 1/	78	116	May-July	--	67
Yellowstone nr Altonah	65	107	May-July	--	61
Duchesne at Myton 1/	350	188	May-July	--	186
Whiterocks nr Whiterock	72	129	May-July	95	56
Uintah nr Neola	100	123	May-July	--	81
Duchesne at Randlett 1/	427	185	May-July	--	231
West Fork Duchesne at Hanna	30	123	May-July	--	24
FLAMING GORGE TO DUCHESNE RIVER					
Henry's Fork nr Manila	62	144	May-Sept	152	43
Black's Fork nr Millburne	119	137	May-July	144	87
Flaming Gorge Inflow 1/	1245	115	May-July	1936	1080
Ashley Creek nr Vernal	56	114	May-July	--	49

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	12	68	122
LAKEFORK-YELLOWSTONE CREEKS	3	71	111
STRAWBERRY RIVER	5	75	163
UINTAH - WHITEROCKS RIVERS	3	61	94
ASHLEY CREEK	3	82	124
BLACK'S FORK	4	98	130
SHEEP CREEK	3	88	151

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
a - Partly estimated
b - Average of all past record - less than 20 years
e - Maximum mean daily peak flow
+ - 1961-80 20 year Average Period
* - Forecast in cooperation with National Weather Service

RESERVOIR STORAGE (Thousand Acre Feet)

BASIN OR STREAM	RESERVOIR	Useable Capacity	USEABLE STORAGE This Year	USEABLE STORAGE Last Year	USEABLE STORAGE Average †
ASHLEY CREEK	Red Fleet	26.0	18.0	20.7	--
	Steinaker	33.3	25.7	27.2	23.0[b]
GREEN RIVER	Flaming Gorge	3749.0	3067.4	3248.6	--
LAKE FORK	Moon Lake	35.8	30.0	33.2	18.1
STRAWBERRY	Currant Creek	14.3	4.9	--	--
	Starvation	165.3	128.2	117.5	113.5[b]
	Soldier Creek	951.4	68.5	41.4	--
UINTAH	Bottle Hollow	11.3	11.3	11.0	10.6[b]

PEAK FLOWS

FORECAST POINT	PEAK FLOW (SECOND FEET) Forecast Range	PEAK FLOW (SECOND FEET) Average †
Strawberry at Duchesne	920-1330	675
Ashley Creek nr Vernal	850-1350	966
Rock Creek nr. Mtn. Home	1440-1760	1415

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	4/28	74	24.6	30.8	20.6[a]
Burnt Creek	4/30	22	5.4	6.5[a]	2.6[a]
Currant Creek	4/28	12	4.5	10.6	2.5[b]
Daniels-Strawberry	4/28	39	16.5	19.1	9.6
Grizzly Ridge	4/30	38	11.8	19.2	9.3[a]
Hewinta G. S.	4/28	43	13.6	13.6	10.1
Hickerson Park	4/28	44	13.3	12.1	6.1[b]
Jackson Park	4/28	46	14.8	23.4	15.9[a]
Kings Cabin Upper	4/28	36	12.2	13.5	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 †
Lakefork Mountain #1	4/28	38	12.6	15.9	12.1
Mosby Mountain	4/28	35	9.9	15.1	10.5
Paradise Park	4/28	47	14.3	24.6	14.8
Rock Creek Ranch	4/28	0	0.0	6.6	1.3[b]
Spirit Lake	4/28	58	18.2	23.3	15.6[b]
Steel Creek Park	4/28	69	22.5	24.3	18.5[b]
Strawberry Divide	4/30	63	23.9	23.9	12.8[a]
Trout Creek	4/28	38	12.1	15.9	9.5[a]

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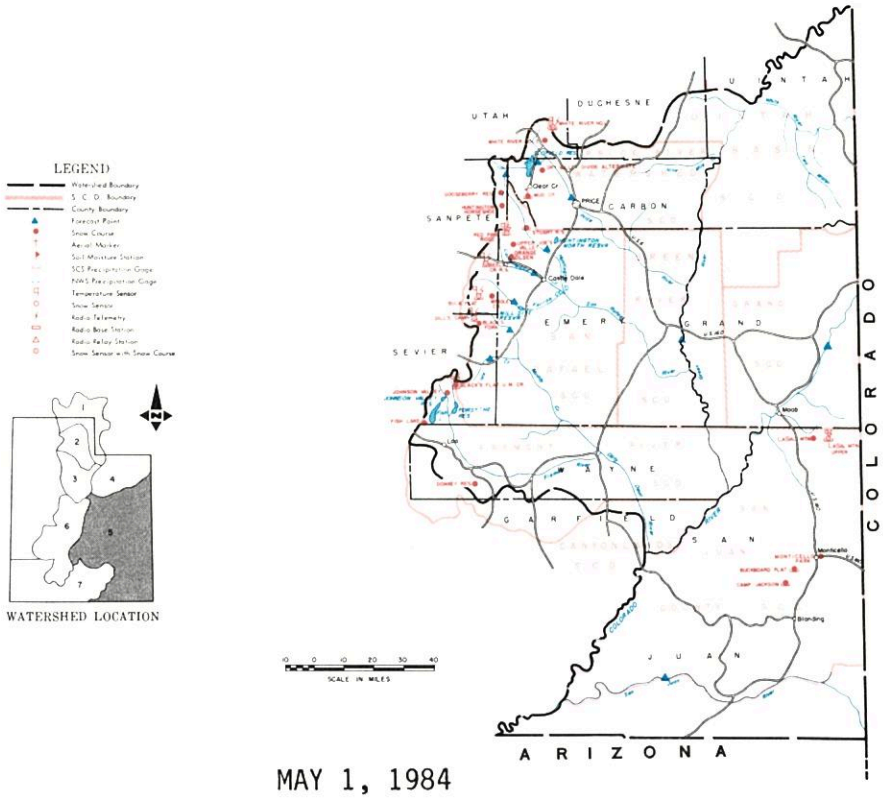
WATER SUPPLY OUTLOOK

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

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



MAY 1, 1984

THE WATER SUPPLY OUTLOOK IS WELL ABOVE AVERAGE

SNOW COVER ranges from 96% of the May 1 average on Blue Mountains above Monticello to 300% on the Fremont River. The Price River is 174%, San Rafael 184%, Muddy 163% and LaSal Mountains 178% of average.

PRECIPITATION at mountain stations ranged from 116% of the April average at Buck Flat to 185% at LaSal Mountain Upper.

SOIL MOISTURE is above average except in the southeast corner of the state.

RESERVOIR STORAGE has been drawn down to make space for runoff in Joe's Valley and Scofield. Mill Site is above average, Ken's Lake is about half full and all reservoirs should fill as runoff progresses.

STREAMFLOW FORECASTS generally increased 6 to 49% for the May-July period and now range from 120% for Navajo Inflow to 229% for Scofield Inflow. Price River is forecast 223% at Heiner, Huntington Creek 213%, Cottonwood Creek 223%, Ferron Creek 218% and Muddy Creek 200% of average. Seven Mile Creek near Fish Lake is forecast 208% of the May-July average and Fremont River is expected to produce better than twice average flows this season. The Colorado River at Cisco is forecast 220%, Green River 152%, Mill Creek near Moab 170% and San Juan near Bluff 137% of the May-July average.

Peak flows are expected to be twice average on Price, San Rafael, Muddy and Colorado Rivers and again this year property along stream channels should be protected as much as possible.

USDA SCS FORT WORTH, TEXAS 1983 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	PAST RECORD THOUSAND ACRE FEET Average †
PRICE RIVER					
Gooseberry Crk nr Scofield	22	220	May-July	--	10.0
Scofield Reservoir Inflow	76	229	May-July	166	33
Price nr Heiner 1/	125	223	May-July	--	56
SAN RAFAEL RIVER					
Huntington Crk nr Huntington	94	213	May-July	--	43[b]
Cottonwood Crk nr Orangeville	96	223	May-July	151	43[b]
Ferron Creek nr Ferron	74	218	May-July	73	34
MUDDY CREEK					
Muddy Creek nr Emery	34	200	May-July	43	16.8
UPPER COLORADO BASIN					
Colorado nr Cisco, UT	5805	220	May-July	6368	2638
Green at Green River, UT	3945	152	May-July	5134	2594
Mill Creek nr Moab	8.0	170	May-July	11.9	4.7[b]
Navajo Reservoir Inflow	695	120	May-July	--	540
San Juan nr Bluff, UT	1088	137	May-July	953	793
FREMONT RIVER					
Seven Mile Crk nr Fish Lake	12.1	208	May-July	23	5.8[b]

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	90	174
SAN RAFAEL RIVER	8	97	184
FREMONT RIVER	3	122	300
LASAL MOUNTAINS	2	73	178
BLUE MOUNTAINS	2	38	96
MUDDY RIVER	2	88	163

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
a - Partly estimated
b - Average of all past record - less than 20 years
e - Maximum mean daily peak flow
+ - 1961-80 20 year Average Period
* - Forecast in cooperation with National Weather Service

RESERVOIR STORAGE (Thousand Acre Feet)

BASIN OR STREAM	RESERVOIR	Useable Capacity	USEABLE STORAGE This Year	USEABLE STORAGE Last Year	USEABLE STORAGE Average†
PRICE RIVER	Scofield	65.8	28.0	37.6	36.6
SAN RAFAEL	Huntington North	3.9	3.6	3.6	3.9[b]
	Joe's Valley	54.6	25.5	33.9	46.8[b]
	Mill Site	16.7	14.6	15.5	6.3[b]
SAN JUAN	Navajo	1696.0	1370.0	1316.8	--
	Kens Lake	2.3	1.2	1.6	--

PEAK FLOWS

FORECAST POINT	PEAK FLOW (SECOND FEET) Forecast Range	PEAK FLOW (SECOND FEET) Average †
Ferron Creek near Ferron	860-1010	444
Muddy Creek near Emery	270-400	168
Huntington Cr. near Huntington	1100-1300	516[b]

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	4/25	70	30.2	29.6	16.6
Buckboard Flat	4/27	28	9.1	19.2	8.4
Camp Jackson	4/27	18	6.0	20.8	7.3
Dills Camp	4/24	45	16.5	19.4	10.9
Dry Valley Divide Alternate	4/28	32	12.3	14.0	--
Huntington-Horseshoe	4/25	91	40.6	45.0	26.5[a]
Indian Canyon	4/28	34	11.7	19.7	--
LaSal Mtn. Upper	4/26	72	21.2	29.2	14.2
Mammoth-Cottonwood R.S.	4/25	73	32.6	35.2	11.1

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 †
Monticello City Park				0.0	
Mud Creek	4/25	43	17.0	17.7	8.3
Red Pine Ridge	4/25	67	29.1	27.2	15.3
Seeley Creek	4/27	94	39.2	31.0	18.0
Stuart R.S.	4/25	12	5.0	11.0	1.8
Upper Joe's Valley	4/25	34	13.3	14.9	6.2
White River #1	4/28	42	16.3	16.5	10.5
White River #3	4/28	2	0.7	3.5	0.7[b]
Wrigley Creek	4/25	40	14.7	17.7	8.9

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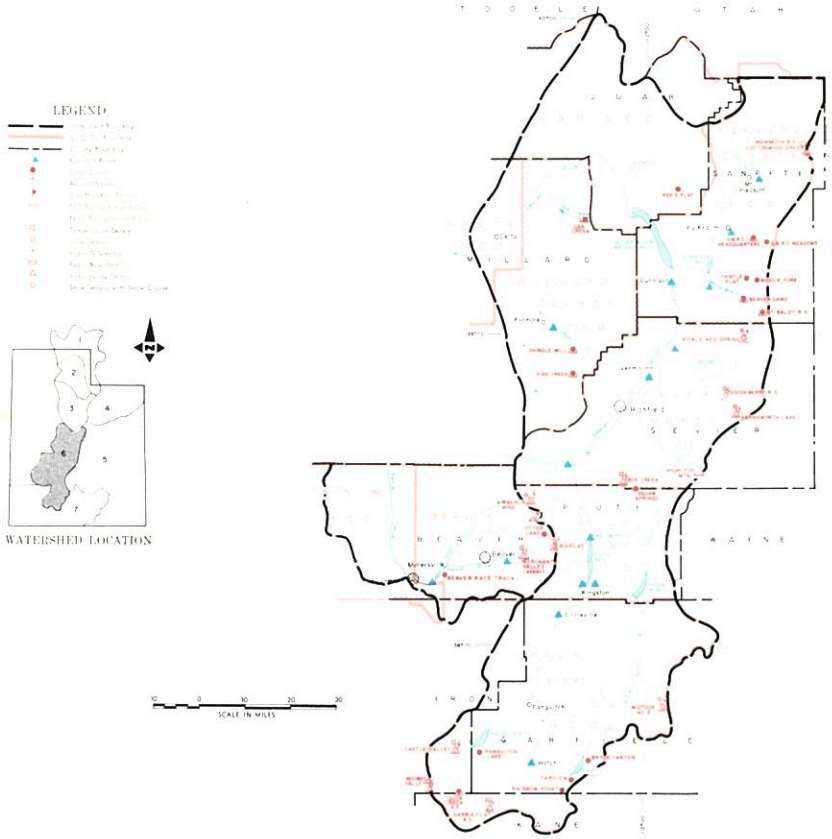
WATER SUPPLY OUTLOOK

SEVIER RIVER BASIN including BEAVER RIVER in UTAH

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



MAY 1, 1984

THE WATER SUPPLY OUTLOOK IS NEAR AVERAGE TO WELL ABOVE AVERAGE

SNOW COVER ranges from 110% of average on the South Fork Sevier to 226% on the Lower Sevier. East Fork Sevier is now 161% and Beaver River 177%. Several snow courses set new May 1 water content records on the Lower Sevier-San Pitch area.

PRECIPITATION at mountain locations ranged from 72% of the April average at Mammoth-Cottonwood Creek to 305% at Kimberly Mine. A band of 2 to 3 times average precipitation occurred again in April from Beaver and Fillmore east past Salina.

SOIL MOISTURE is drier than average on the headwaters of the Sevier but wetter than average on the Beaver and Lower Sevier.

RESERVOIR STORAGE is above average in all reservoirs but Gunnison. Sevier River reservoirs are now 88% of usable capacity and 95% of last year at this time. Minersville only lacks 4,900 acre feet of being full.

STREAMFLOW FORECASTS range from 112% for the Sevier at Hatch to 921% for the Vermillion to Gunnison reach on the Lower Sevier. Other Sevier River forecasts are as follows: Circleville 144%, Kingston 159%, East Fork 200%, Clear Creek 185%, Sigurd to Gunnison 810%, Salina Creek 259%, and Sevier near Gunnison 512% of the May-July average. Ephriam Creek is forecast 337%, Pleasant Creek 306%, Salt Creek 225%, Chicken Creek 250%, Oak Creek 182% and Chalk Creek near Fillmore 616% of the May-July average.

Beaver River is forecast 257% at Beaver, North Creek 276% and Minersville Inflow 416% of average.

Peak flows on the Lower Sevier, Beaver, Chalk Creek, Chicken Creek, Salina Creek and the San Pitch tributaries are expected to be 2 to 4 times average again this season. Steps should be taken to protect property near stream channels.

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 3	PAST RECORD THOUSAND ACRE FEET Average +
SEVIER RIVER					
Sevier at Hatch	47	112	May-July	129	42
Sevier nr Circleville	44	144	May-July	--	30
Sevier nr Kingston	35	159	May-July	121	22
Antimony Crk nr Antimony	12.0	210	May-July	--	5.7
East Fork Sevier nr Kingston1/	25	200	May-July	--	12.5
Sevier below Piute Dam	52	158	May-July	--	33
Clear Crk nr Sevier (abv Div)	30	185	May-July	--	16.2
Sigurd to Gunnison	170	810	May-July	297	16.6
Kingston to Vermillion Dam	75	267	May-June	--	28
Vermillion Dam to Gunnison	175	921	May-June	--	19.0
Salina Creek at Salina	28.5	259	May-June	--	10.8
Sevier nr Gunnison	215	512	May-July	--	41
Chalk Creek nr Fillmore	81	616	May-July	--	13.2[b]
Chicken Creek nr Levan	7.0	250	May-July	21	2.8[b]
Oak Cr. nr Oak City	2.0	182	May-July	3.5	1.1[b]
Ephraim Creek nr Ephraim	28	337	May-July	--	8.3
Pleasant Crk nr Mt. Pleasant	15.0	306	May-July	--	4.9
Salt Creek nr. Nephi	24	225	May-July	--	10.8
Beaver nr Beaver	54	257	May-July	70	21
North Creek (Combined)	35	276	May-July	--	12.7[a]
Minersville Inflow	32	416	May-June	--	7.7

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
UPPER SEVIER RIVER			
East Fork Sevier	3	75	161
South Fork Sevier	6	44	110
LOWER SEVIER	12	118	226
BEAVER RIVER	3	86	177

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
a - Partly estimated
b - Average of all past record - less than 20 years
e - Maximum mean daily peak flow
+ - 1961-80 20 year Average Period
* - Forecast in cooperation with National Weather Service

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	13.8	17.1	14.9[b]
	Otter Creek	52.5	48.9	34.5	39.5
	Piute	71.8	58.6	71.4	44.7
	Sevier Bridge	236.0	212.1	227.6	136
	Panguitch Lake	22.3	21.7	21.8	--
BEAVER RIVER	Minersville (Rky Fd)	26.0	21.1	23.5	14.6

PEAK FLOWS[e]

FORECAST POINT	PEAK FLOW (SECOND FEET) Forecast Range	PEAK FLOW (SECOND FEET) Average +
Beaver River nr Beaver	560-830	257
Sevier River at Hatch	450-650	484
Sevier River nr Kingston	400-600	312
Clear Creek nr Sevier	350-450	226
Salina Creek nr Salina	800-1000	285

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	4/28	80	32.8	36.6	20.2
Bryce Canyon	4/26	0	0.0	6.2	
Castle Valley	4/27	31	12.5	25.3	7.7
Duck Creek	4/27	1	0.1	27.3	9.2
Farnsworth Lake	4/24	97	39.8	31.3	22.1
Gooseberry R.S.	4/24	58	25.4	16.6	9.4
Harris Flat	4/27	0	0.0	11.3	2.9
Kimberly Mine	4/28	78	33.0	28.3	16.2

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 +
Long Valley Junction	4/27	0	0.0	0.0	.0[b]
Merchants Valley Upper	4/28	45	18.0	20.7	7.6
Midway Valley	4/27	54	19.4	47.2	23.7
Oak Creek	4/28	55	21.9	26.9	7
Otter Lake	4/28	58	22.5	28.4	13.
Pickle Keg Springs	4/24	79	35.4	26.1	11.2
Pine Creek	4/28	103	45.3	34.8	13.9
Widtsoe-Escalante #3	4/27	24	8.2	21.4	10.1

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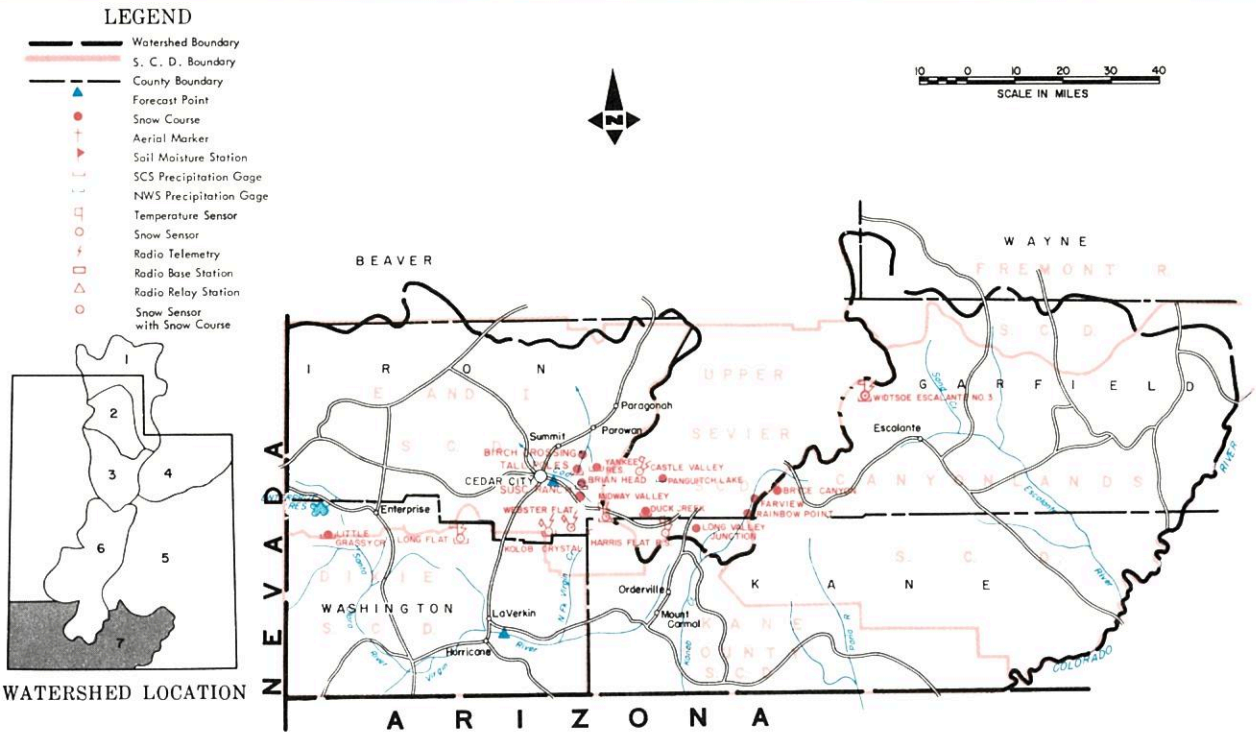
WATER SUPPLY OUTLOOK

EAST GARFIELD, KANE, WASHINGTON and IRON COUNTIES in UTAH

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



MAY 1, 1984

THE WATER SUPPLY OUTLOOK IS NEAR ON COAL CREEK TO BELOW AVERAGE ON VIRGIN RIVER

SNOW COVER ranges from only 5% of the May 1 average in the Enterprise-New Harmony area to 145% on Parowan Creek. Coal Creek snow cover is 69% of average, Virgin River 73% and Escalante River 81% of the May 1 average. All areas are well below last year at this time.

PRECIPITATION at mountain stations ranged from 48% at Yankee Reservoir to 177% at Long Flat.

SOIL MOISTURE is near average to slightly below average.

RESERVOIR STORAGE in Enterprise Reservoirs is reported below average and beginning to draw down for irrigation. Lake Powell has been drawn down to make space for snow melt runoff and is 1,715,000 acre feet less than last year.

STREAMFLOW FORECASTS for the May-July period range from 61% of average on the Santa Clara to 178% for Lake Powell Inflow. Coal Creek is forecast 123% and Virgin River 81% of the May-June average.

Peak flows are not expected to be high in this area. Coal and Parowan Creeks may peak as high as 1 1/2 times average and other local streams are expected to peak below average this season.

USDA-SCS-FORT WORTH, TEXAS 1983 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	PAST RECORD THOUSAND ACRE FEET Average+
VIRGIN RIVER					
Virgin nr Hurricane	25	81	May-June	171	38
Santa Clara nr Pine Valley	2.5	61	May-June	--	4.1
COAL CREEK					
Coal Creek nr Cedar City	19.0	123	May-July	54	15.4
UPPER COLORADO					
Lake Powell Inflow	11500.0	178	May-July	13400	6475

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	4	29	69
VIRGIN RIVER	4	34	73
PAROWAN CREEK	3	77	145
ENTERPRISE - NEW HARMONY	2	1	5
ESCALANTE RIVER	1	38	81

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
a - Partly estimated
b - Average of all past record - less than 20 years
e - Maximum mean daily peak flow
+ - 1961-80 20 year Average Period
' - Forecast in cooperation with National Weather Service

RESERVOIR STORAGE (Thousand Acre Foot)

BASIN OR STREAM	RESERVOIR	Usable Capacity	USEABLE STORAGE This Year	USEABLE STORAGE Last Year	USEABLE STORAGE Average+
COLORADO	Lake Powell	25002.0	21067.0	22782.0	--
	Blue Mesa	829.5	220.7	434.6	--

PEAK FLOWS

FORECAST POINT	PEAK FLOW (SECOND FEET) Forecast Range	PEAK FLOW (SECOND FEET) Average+
Coal Creek nr Cedar City	300-400	220
Virgin nr Hurricane	650-1000	1092

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	14	4.6	9.2	2.1[b]
Brian Head	4/27	72	29.1	34.4	22.5[b]
Harris Flat	4/27	0	0.0	11.3	2.9
Kolob-Crystal	4/27	42	15.6	46.0	22.3[a]
Little Grassy	4/27	0	0.0	0.0	.2[b]
Long Flat	4/27	1	0.1	13.1	1.8

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+
Long Valley Junction	4/27	0	0.0	0.0	.0[b]
SUSC Ranch	4/30	0	0.0	15.8	3.2
Tall Poles	4/30	45	17.5	22.0	13.6[b]
Webster Flat	4/27	29	10.1	38.2	16.0
Yankee Reservoir	4/27	39	14.2	19.3	6.9

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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 †
GREAT BASIN					
UPPER BEAR RIVER					
(Above Harer, Idaho)					
Burts-Miller Ranch	4/28	12	4.2	4.2	2.4
CCC Camp	4/26	37	13.2	11.8	9.0
Hayden Fork	4/28	46	18.2	18.2	16.2
Monte Cristo R.S.	4/24	69	29.8	27.8	26.8
Salt River Summit	4/26	46	15.8	15.2	14.5
Stillwater Camp	4/28	30	10.6	11.0	8.4
Lily Lake	4/28	47	15.9	16.6	--
LOWER BEAR RIVER					
(Below Harer, Idaho)					
Bug Lake	4/27	62	24.3	18.2	18.3[a]
Christensen Ranch					
Cliff Canyon					
Cub River R.S.	4/27	14	5.1	0.0	0.1
Daniels Creek					
Dry Basin					
Dry Creek Flat					
Emigrant Summit	4/30	81	33.4	30.2	23.6
Emigration Canyon	4/30	22	9.2		
Franklin Basin	4/27	79	33.6	30.2	20.7[a]
Garden City Summit	4/27	57	20.8	18.5	17.4
Horseshoe Basin					
Klondike Narrows	4/27	50	23.0	20.2	15.6
Liberty Spring					
Little Bear (lower)	4/24	18	7.9	3.3	1.5
Little Bear (upper)	4/24	32	14.5	8.5	5.4
Lower Elkhorn					
Oxford Mountain					
Slug Creek Divide					
Steep Hollow #1	4/27	110	46.4	42.4	39.9
Steep Hollow #2	4/27	71	31.7	30.4	24.0
Strawberry Creek	4/30	26	12.2		
Strawberry Mink Divide					
Tony Grove Lake	4/27	98	42.8	35.4	35.1[a]
Tony Grove R.S.	4/27	27	11.3	6.9	3.1
Upper Elkhorn					
Willow Flat	4/27	46	20.4	9.6	5.2
Worm Creek					
OGDEN RIVER					
Beaver Creek-Skunk Creek	4/24	26	11.5	10.1	6.1
Ben Lomond Peak	4/24	150	70.7	52.1	38.2
Ben Lomond Trail	4/24	49	24.5	17.3	8.1[a]
Causey Dam	4/24	0	0.0	--	--
Dry Bread Pond	4/24	52	25.1	20.4	18.2
Sagebrush Flat	4/24	0	0.0	0.8	0.0
WEBER RIVER					
Beaver Creek R.S.	4/27	13	5.2	3.8	1.7
Chalk Creek #1	4/27	73	29.0	29.0	24.4
Chalk Creek #2	4/27	47	17.9	17.2	14.2
Chalk Creek #3	4/27	17	6.3	6.4	2.9
East Shingle Lake (A)	5/7	99	38.6	--	--
Farmington Canyon (lower)	4/24	83	36.5	35.5	22.8
Farmington Canyon (upper)	4/24	100	44.9	47.1	32.9
Farmington G.S.	4/24	78	35.1	34.8	--
Hardscrabble	4/29	51	24.3	24.0	--
Horse Ridge	4/24	58	26.7	23.1	20.7[b]
Kilfoil Creek	4/24	41	16.6	13.6	10.6[b]
Lost Creek Reservoir	4/24	0	0.0	0.0	0.0[b]
Park City Summit					
Parley's Canyon Summit	4/26	65	26.6	23.2	13.8
Pine Canyon	4/24	51	22.8	20.8	--
Redden Mine (lower)	4/27	59	23.4	22.3	17.8[b]
Smith & Morehouse	4/27	37	14.1	13.5	9.1
Sargent Lake (A)	5/7	46	17.9	--	--

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
GREAT BASIN						
UPPER BEAR RIVER						
(Above Harer, Idaho)						
Burts-Miller Ranch	4/24	1.97	2.66[b]	13.27	14.66[b]	90
CCC Camp						
Hayden Fork	4/28	2.33	4.08[b]	26.19	24.14[b]	108
Monte Cristo R.S.	4/24	3.96	5.22	33.15	31.17	106
Salt River Summit	4/26	2.80	2.53	21.51	19.76	108
Stillwater Camp	4/28	2.21	3.40	16.33	15.76	103
Lily Lake	4/28	2.66	--	22.63	--	--
LOWER BEAR RIVER						
(Below Harer, Idaho)						
Bug Lake	4/27	1.47	--	25.15[a]	--	--
Christensen Ranch						
Cliff Canyon						
Cub River R.S.						
Daniels Creek						
Dry Basin						
Dry Creek Flat						
Emigrant Summit						
Emigration Canyon						
Franklin Basin	4/27	3.63	--	41.31	--	
Garden City Summit	4/27	3.30	3.10	26.31	22.33	117
Horseshoe Basin						
Klondike Narrows	4/27	2.55	3.75[b]	27.55	27.60[b]	99
Liberty Spring						
Little Bear (lower)						
Little Bear (upper)	4/24	3.28	--	32.17	--	
Lower Elkhorn						
Oxford Mountain						
Slug Creek Divide						
Steep Hollow #1						
Steep Hollow #2						
Strawberry Creek						
Strawberry Mink Divide						
Tony Grove Lake						
Tony Grove R.S.	4/27	2.38	--	27.32	--	
Upper Elkhorn						
Willow Flat	4/27	4.33	4.62[b]	34.36	27.51[b]	124
Worm Creek						
OGDEN RIVER						
Beaver Creek-Skunk Creek						
Ben Lomond Peak	4/24	7.63[a]	--	70.86[a]	--	
Ben Lomond Trail	4/24	2.87	5.38[b]	42.59	34.12[b]	124
Causey Dam	4/24	1.29	2.42[b]	18.43	16.64	110
Dry Bread Pond	4/24	2.68[a]	4.20[b]	31.00	25.28[b]	122
Sagebrush Flat	4/24	0.97	2.48[b]	16.19	16.83[b]	98
WEBER RIVER						
Beaver Creek R.S.						
Chalk Creek #1	4/27	4.94[a]	--	32.71[a]	--	--
Chalk Creek #2	4/27	3.31	--	21.63	--	--
Chalk Creek #3	4/27	3.15	3.45[b]	21.90	17.39[b]	125
East Shingle Lake (A)						
Farmington Canyon (lower)	4/24	4.95	6.29[b]	40.68	33.92	119
Farmington Canyon (upper)	4/24	6.37[a]	--	44.87[a]	--	--
Farmington G.S.	4/24	4.64	6.16[b]	37.24[a]	33.24[b]	112
Hardscrabble						
Horse Ridge	4/24	2.83	4.74[b]	34.28	28.38	120
Kilfoil Creek						
Lost Creek Reservoir	4/24	0.91	--	15.00	--	--
Park City Summit						
Parley's Canyon Summit	4/26	4.74	5.03	33.64	27.58	121
Pine Canyon						
Redden Mine (lower)	4/27	4.20	--	23.14	--	--
Smith & Morehouse	4/27	3.15	4.26	23.97	22.01	108
Sargent Lake (A)						

WSDA-SCS-PORTLAND, OR. 1977 M7-0-22027 0

† 1958-1972 period.

SNOW — PRECIPITATION (Inches)

DRAINAGE BASIN and/or SNOW COURSE NAME	SNOW: THIS YEAR Date of Survey	Snow Depth (Inches)	Water Content (Inches)	SNOW: PAST RECORD Water Content (inches) Last Year	Average †	PRECIPITATION: CURRENT INFORMATION Date of Reading	Month's Precipitation	Average †	FROM APPROX. OCT 1 TO DATE This Year	Average †	Percent of Average
GREAT BASIN CONT.											
PROVO RIVER & UTAH LAKE											
Beaver Creek Divide	4/27	26	10.9	10.9	3.02[a]			--		--	--
Clear Creek Ridge #1	4/28	64	27.1	24.1	17.7	4/28	6.25	5.56[a]	31.00	29.80[a]	104
Clear Creek Ridge #2	4/28	46	18.6	15.9	10.5	4/28	4.20	3.31[b]	24.08[a]	19.37[b]	124
Clear Creek Ridge #3	4/28	2	0.9	0.0	0.1						
Hobble Creek Summit	4/28	40	18.3	18.2	7.9	4/28	3.58	3.20	26.43[a]	20.39	129
Payson R.S.	4/24	68	31.4	30.4	15.5	4/24	4.19	3.58	30.25	21.53	140
Soapstone R.S.	4/27	31	12.9	10.0	7.1	4/27	3.02	3.12	23.95	19.79	121
South Fork R.S.				5.6							
Timpanogos Divide	4/28	53[a]	22.1[a]	35.9	22.6	4/28	3.50[a]	4.30	31.04[a]	29.39	105
Trial Lake	4/28	67	31.7[a]	31.4	26.1	4/28	4.03	4.89	32.28	28.39	113
JORDAN RIVER & GREAT SALT LAKE											
Alta Central	5/2	151	63.3	--	--						
Bevan's Cabin	4/30	68	26.9	--	4.8						
Deseret Peak	4/30	106	43.3	44.2	27.0[a]						
Lamb's Canyon #2	4/26	55	21.9	20.4	9.8[a]	4/26	4.27	--	25.06	--	--
Middle Canyon	4/30	75	29.7	23.0	9.3	4/30	7.38	4.28[b]	36.73	20.20	181
Mill Creek	4/25	73	28.1	27.4	21.1[a]						
Mill D South Fork	4/27	61	25.5	26.0	15.1						
Rocky Basin-Settlement	4/30	138	55.8	52.2	30.0	4/30	7.72	5.36[b]	28.38	29.27	96
Silver Lake (Brighton)	4/27	78	32.9	36.2	28.3						
Snow Bird (Gad Valley)	4/27	114	44.0	--	43.2[a]						
Vernon Creek	4/29	44[a]	17.6[a]	21.5[a]	4.3[a]	4/29	3.50[a]	2.58[b]	23.80[a]	17.85	133
COLORADO RIVER DRAINAGE											
UPPER GREEN RIVER - UTAH											
Ashley-Twin Lakes (A)	5/7	67	20.1	--	--						
Black's Fork G.S.-East Fork	4/28	39	12.7	12.3	9.7	4/28	2.43	3.35	19.19	15.29	125
Black's Fork Junction	4/28	35	11.8	11.5	8.3	4/28	2.40	3.08	17.32	14.70	117
Buck Pasture (A)	5/7	70	23.1	--	--						
Burnt Creek	4/30	22	5.4	6.5[a]	2.6[a]	4/30	3.75	3.06[b]	16.95	12.07[b]	140
Grizzly Ridge	4/30	38	11.8	14.2	9.3[a]	4/30	4.15	3.25[b]	20.95	16.69[b]	125
Henrys Fork (A)	5/7	59	18.3	--	--						
Hewinta G.S.	4/28	43	13.6	13.6	10.1	4/28	3.15	3.59	20.15	16.15	124
Hickerson Park	4/28	44	13.3	12.1	6.1[b]	4/28	3.34	3.56[b]	15.31	12.97	118
Hole-in-the-Rock		NOT	SCHEDULED								
Hole-in-the-Rock G.S.		NOT	SCHEDULED								
King's Cabin (upper)	4/28	36	12.2	13.5	10.2	4/28	1.88	2.95	18.47	14.58	126
Middle Beaver Creek		NOT	SCHEDULED								
Reynolds Park (A)	5/7	66	19.8	--	--						
Spirit Lake	4/28	58	18.2	23.3	15.6[b]	4/28	4.00	4.94	21.85	18.55	117
Steel Creek Park	4/28	69	22.5	24.3	18.5[b]	4/28					
Trout Creek	4/28	38	12.1	15.9	9.5[a]	4/28	2.79	--	16.09	--	--
DUCHESNE RIVER											
Atwood Lake (A)	5/7	47	15.0	--	--						
Brown Duck Ridge	4/28	74	24.6	30.8	20.6[a]	4/28	2.93	--	25.90	--	--
Chepeta	4/28	51	16.2	22.6	--	4/28	3.06	--	18.83	--	--
Chepeta-Whiterocks (A)	5/7	62	19.8	--	--						
Currant Creek	4/28	12	4.5	10.6	2.5[b]	4/28	1.93	2.41[b]	17.77	16.20	109
Daniels-Strawberry Summit	4/28	39	16.5	19.1	9.6	4/28	1.95	3.28	23.33	21.09	110
East Portal	4/30	27	10.2	15.0	4.9[b]	4/30	2.85	--	25.93	--	--
Five Points Lake (A)	5/7	60	19.8	--	--						
Indian Canyon	4/28	34	11.7	19.7	11.1	4/28	2.16	2.68	17.01	15.46	110
Jackson Park	4/28	46	14.8	23.4	15.9[a]	4/28	4.07	--	22.52	--	--
Lakefork Basin (A)	5/7	81	26.7	--	--						
Lakefork Mountain #1	4/28	38	12.6	15.9	12.1	4/28	2.22	3.08	17.22	15.70	109
Lakefork Mountain #3	4/28	4	1.4	7.6	2.0						
Lightning Lake (A)	4/28	106[a]	35.1[a]	--	27.6[a]	4/28	3.60[a]	--	35.10[a]	--	--
Mosby Mountain	4/28	35	9.9	15.1	10.5	4/28	1.81	3.18[b]	17.89	15.18	117
Paradise Park	4/28	47	14.3	24.6	14.8	4/28	2.07	3.91	17.66	16.96	104
Rock Creek Ranch	4/28	0	0.0	6.6	1.3[b]	4/28	1.53	2.27	16.16	13.20	122
Strawberry Divide	4/30	63	23.9	23.9	12.8[a]	4/30	3.40[a]	-	28.90[a]	--	--

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† 1958-1972 period.

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											
Dry Valley Divide Alternate	4/28	32	12.3	14.0	--						
Mud Creek	4/25	43	17.0	17.7	8.3	4/25	3.73	2.96	24.71	17.21	143
White River #1	4/28	42	16.3	16.5	10.5	4/28	2.84	2.14	22.20	16.06	138
White River #3	4/28	2	0.7	3.5	0.7[b]						
SAN RAFAEL RIVER											
Buck Flat	4/25	70	30.2	29.6	16.6	4/25	3.77	3.24	30.95	20.45	151
Huntington-Horseshoe	4/25	91	40.6	45.0	26.5[a]						
Orange Olsen	4/25	0	0.0	0.0	0.0[a]	4/25	1.88	1.13[b]	13.83	8.53	162
Red Pine Ridge	4/25	67	29.1	27.2	15.3	4/25	5.00[a]	3.60	26.78	23.39	114
Seeley Creek R.S.	4/27	94	39.2	31.0	18.0						
Stuart R.S.	4/25	12	5.0	11.0	1.8	4/25	2.81	2.15	19.87	13.77	144
Upper Joe's Valley	4/25	34	13.3	14.9	6.2						
Wrigley Creek	4/25	40	14.7	17.7	8.9						
MUDDY RIVER											
Black's Fork	4/24	50	20.8	23.0	11.9						
Dill's Camp	4/24	45	16.5	19.4	10.9	4/24	3.26	--	25.44	--	--
FREMONT RIVER											
Black's Flat-U.M. Creek	4/24	44	16.9	16.9	9.1	4/24	3.79	2.65	22.71	14.75	153
Donkey Reservoir		NOT SCHEDULED									
Fish Lake	4/24	55	23.5	15.8	4.8	4/24	2.76	2.16	23.36	11.34	205
Johnson Valley	4/24	36	13.9	11.9	4.2						
SOUTHEASTERN UTAH DRAINAGES											
Buckboard Flat	4/27	28	9.1	19.2	8.4	4/27	3.55	2.75	22.47	20.89	107
Camp Jackson	4/27	18	6.0	20.8	7.3	4/27	3.05	2.42	18.38	19.20	95
LaSal Mountain (lower)	4/26	43	12.8	17.4	4.9						
LaSal Mountain (upper)	4/26	72	21.2	29.2	14.2	4/26	5.55	2.99	29.01	17.17	168
Monticello City Park				0.0							
UPPER SEVIER RIVER (South of Richfield, Utah)											
Box Creek	4/24	59	23.9	24.0	12.5	4/24	5.95	2.99	26.58	16.88	157
Bryce Canyon	4/26	0	0.0	6.2	0.8[a]						
Castle Valley	4/27	31	12.5	25.3	7.7	4/27	5.46	3.24	24.55	17.13	143
Duck Creek R.S	4/27	1	0.1	27.3	9.2	4/27	2.87	3.11	18.67	19.64	95
Harris Flat	4/27	0	0.0	11.3	2.9	4/27	0.88[a]	--	8.95[a]	--	--
Kimberly Mine	4/28	78	33.0	28.3	16.2	4/27	13.58	4.44[b]	39.53	22.61	174
Midway Valley	4/27	54	19.4	47.2	23.7	4/27	5.00[a]	--	24.03[a]	--	--
Panguitch Lake	4/27	4	1.5	12.4	1.0	4/27	2.70	1.50	12.54	9.39	133
Squaw Springs	4/24	27	11.6	12.8	4.4						
LOWER SEVIER RIVER (Including San Pitch River)											
Beaver Dams	4/25	48	21.4	16.6	7.7	4/25	4.14	3.27	31.06	16.34	190
Farnsworth Lake	4/24	97	39.8	31.3	22.1	4/24	8.75	4.69	37.92[a]	24.25	156
G.B.R.C. Headquarters	4/24	82	34.8	28.1	16.7	4/24	5.56	4.26	35.38	22.55	156
G.B.R.C. Majors								2.15[b]		10.66	
G.B.R.C. Meadows	4/25	109	48.0	40.4	25.9	4/25	7.67	5.17	40.52	26.84	150
G.B.R.C. Oaks								3.01		14.88	
Gooseberry Reservoir						4/25	3.58	3.60	32.38	21.71	149
Gooseberry R.S.	4/24	58	25.4	16.6	9.4	4/24	6.17	3.01	28.78	14.88	193
Mammoth-Cottonwood Creek	4/25	73	32.6	35.2	19.9	4/25	2.63[a]	3.61	32.10[a]	16.52	194
Middle Fork											
Mt. Baldy R.S.	4/25	98	41.8	41.0	25.2[b]	4/25	7.35	3.93	32.54	20.83	156
Oak Creek	4/28	55	21.9	26.9	7.5[a]	4/28	4.57	3.83	28.50	19.79	144
Pickle Keg Springs	4/24	79	35.4	26.1	16.1[a]	4/24	7.75[a]	--	39.81[a]	--	--
Pine Creek	4/28	103	45.3	34.8	13.9	4/28	12.60[a]	5.88	53.04[a]	29.35	180
Ree's Flat	4/24	52	22.0	23.5	10.8	4/24	2.28	--	26.48	--	--
Shingle Mill	4/30	53	22.4	9.6	2.5[b]	4/30	9.50	3.87[b]	37.45	19.55[b]	191
Thistle Flat											

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• 1958-1972 period.

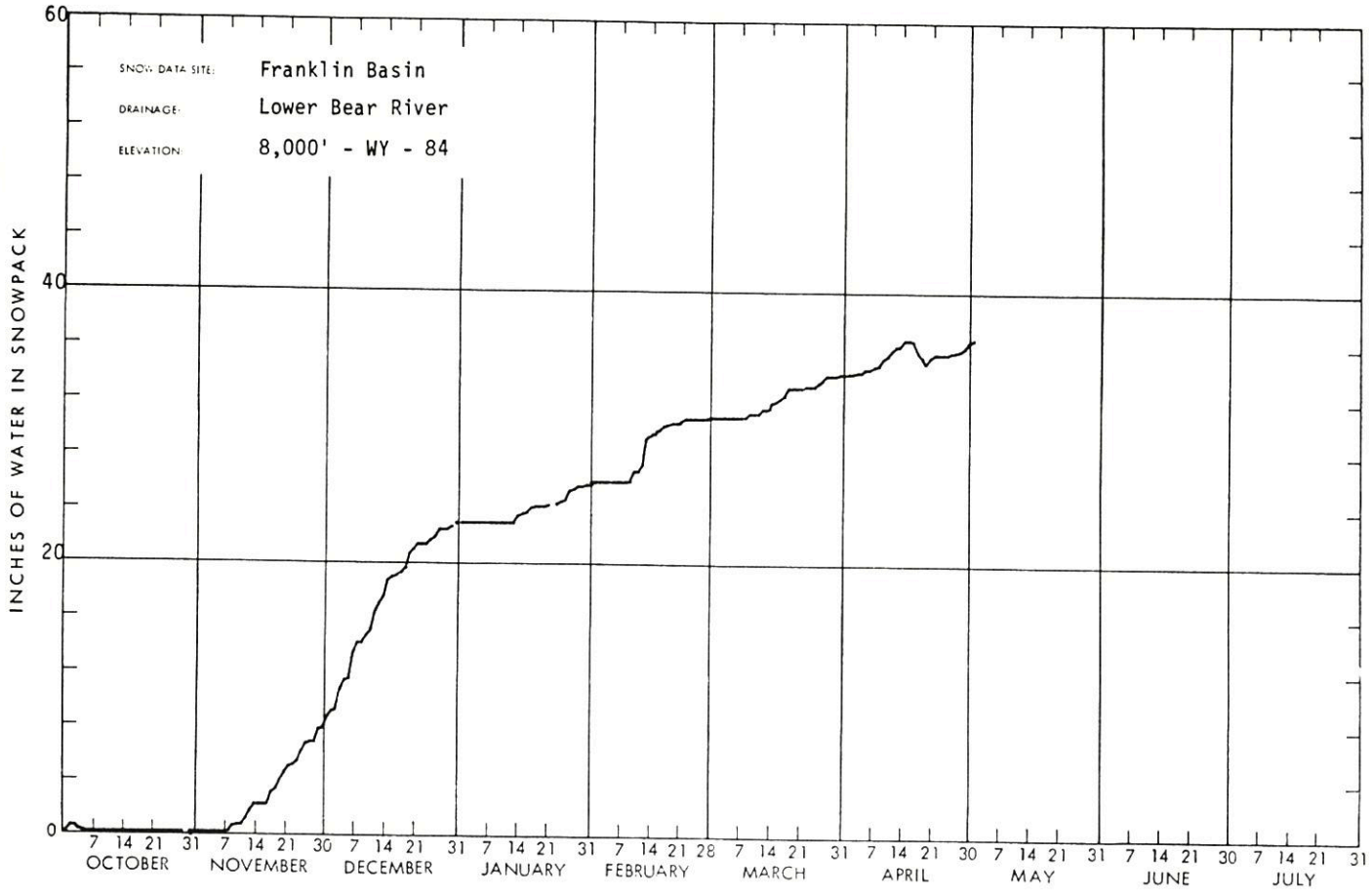
SNOW

DRAINAGE BASIN and/or SNOW COURSE NAME	THIS YEAR			PAST RECORD		PRECIPITATION (Inches) CURRENT INFORMATION			FROM APPROX. OCT 1 TO DATE		
	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
BEAVER RIVER											
Beaver Canyon Power House											
Beaver Race Track											
Big Flat	4/28	80	32.8	36.6	20.2	4/28	6.22	3.47	30.02	19.00	158
Merchant's Valley (upper)	4/28	45	18.0	20.7	7.6	4/28	5.68	2.96[b]	26.25	17.21	152
Otter Lake	4/28	58	22.5	28.4	13.6						
PAROWAN CREEK											
Birch Crossing	4/30	14	4.6	9.2	2.1[b]						
Brian Head	4/27	72	29.1	34.4	22.5[b]						
Tall Poles	4/30	45	17.5	22.0	13.6[b]	4/30	5.13	3.48[b]	23.63	18.37[b]	128
Yankee Reservoir	4/27	39	14.2	19.3	6.9	4/27	1.45	3.01	15.85	15.14	104
ENTERPRISE TO NEW HARMONY DRAINAGES											
Little Grassy Creek	4/27	0	0.0	0.0	0.2[b]	4/27	2.38	1.80	13.97	16.29	85
Long Flat	4/27	1	0.1	13.1	1.8	4/27	4.03	2.27	11.21	13.90	80
COAL CREEK											
Cedar City Golf Course	4/30	0	0.0	0.0	0.0[b]						
SUSC Ranch	4/30	0	0.0	15.8	3.2						
ESCALANTE RIVER											
Widtsoe-Escalante #3	4/27	24	8.2	21.4	10.1	4/27	4.43	3.14	17.65	15.21	116
VIRGIN RIVER											
Kolob-Crystal	4/27	42	15.6	46.0	22.3[a]	4/27	4.63[a]	--	25.95[a]	--	--
Long Valley Junction	4/27	0	0.0	0.0	0.0[b]						
Webster Flat	4/27	29	10.1	38.2	16.0	4/27	6.47	3.81	24.91	23.08	107

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

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

* 1958-1972 period


SNOW DATA SITE: Franklin Basin
DRAINAGE: Lower Bear River
ELEVATION: 8,000' - WY - 84
INCHES OF WATER IN SNOWPACK
0
20
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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
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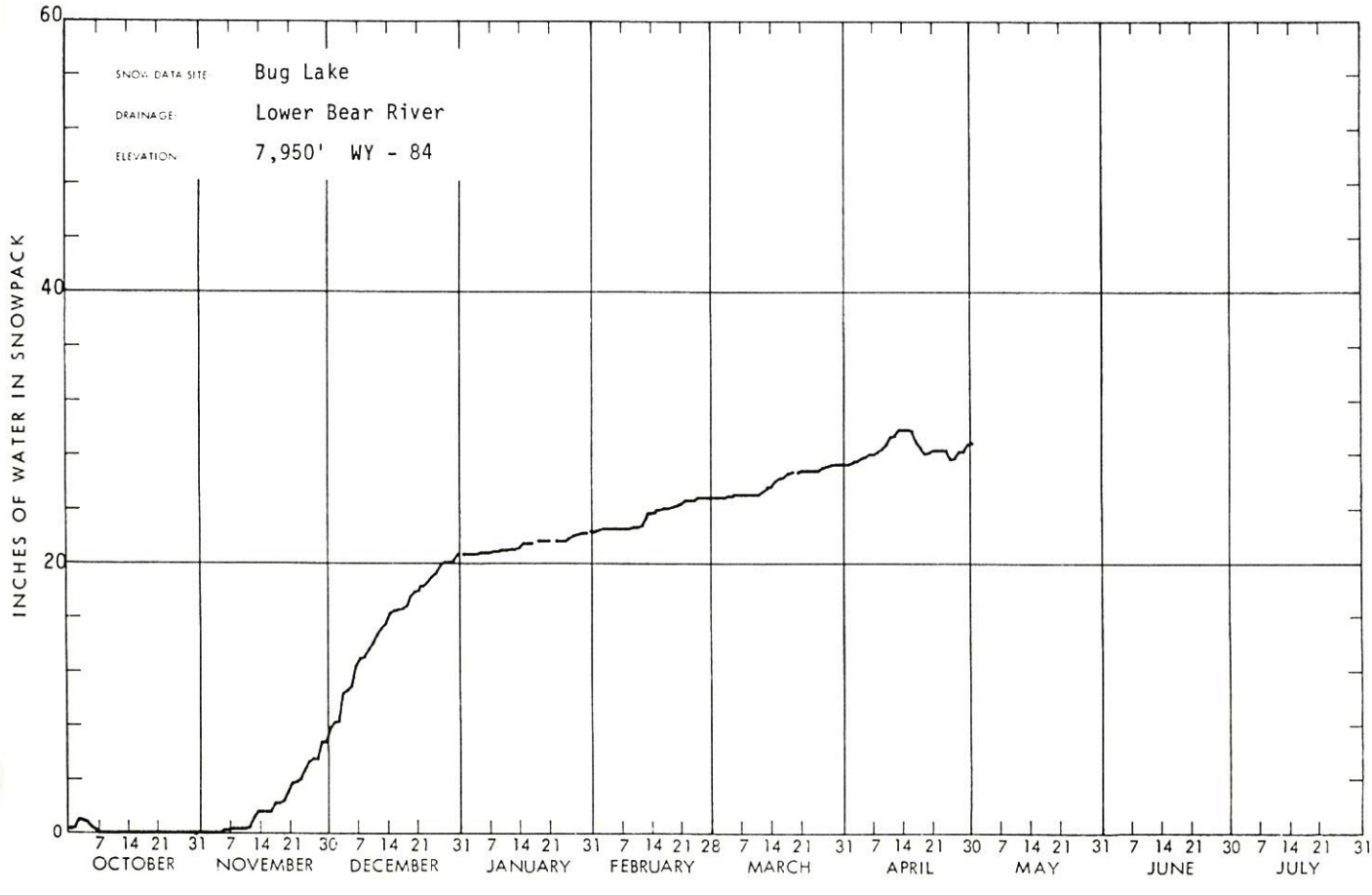
SNOW DATA SITE: Bug Lake
DRAINAGE: Lower Bear River
ELEVATION: 7,950' WY - 84
INCHES OF WATER IN SNOWPACK
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7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 31 7 14 21 28 7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 30 7 14 21 31
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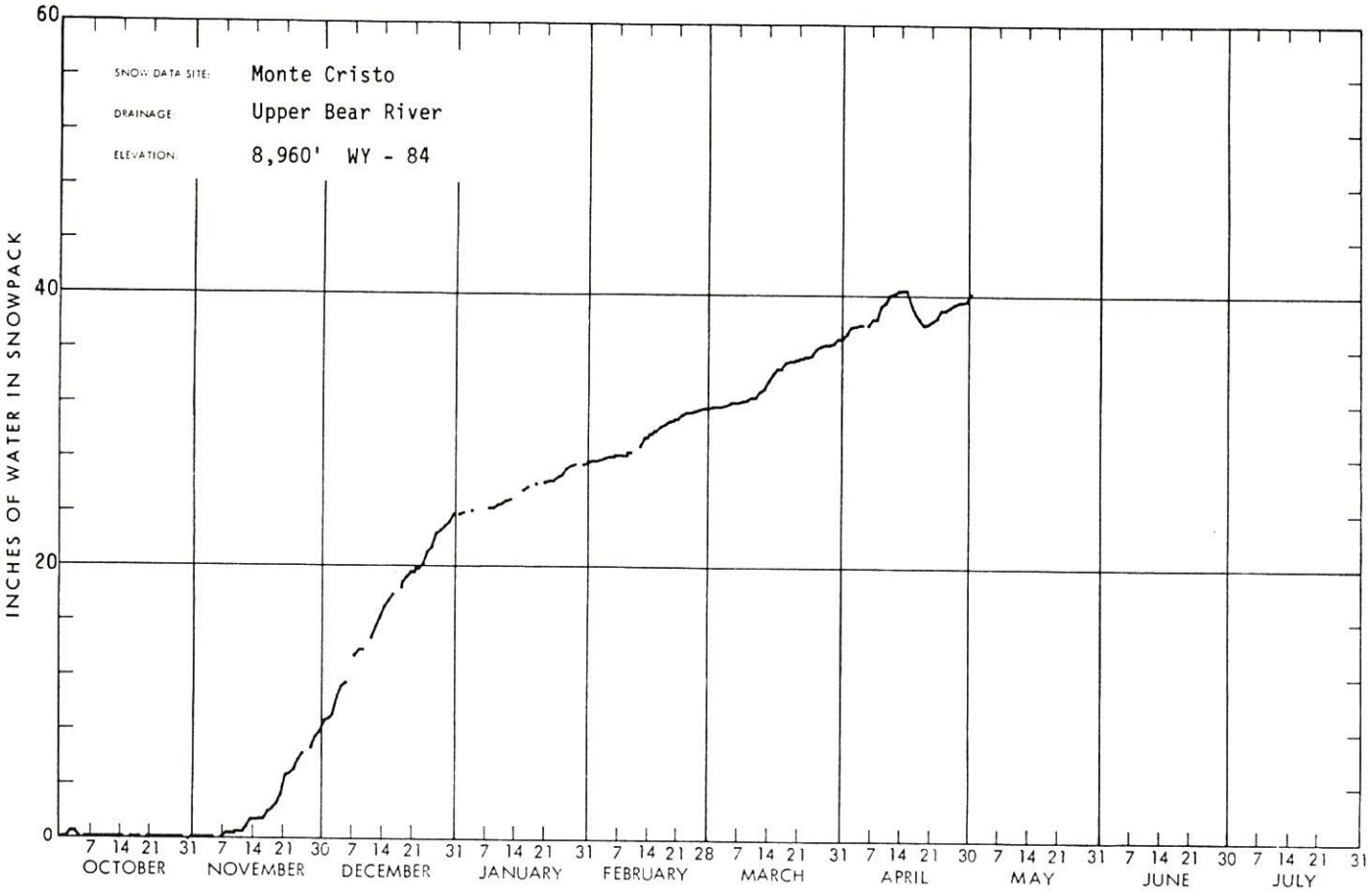
SNOW DATA SITE: Monte Cristo
DRAINAGE: Upper Bear River
ELEVATION: 8,960' WY - 84
INCHES OF WATER IN SNOWPACK
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7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 31 7 14 21 28 7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 30 7 14 21 31
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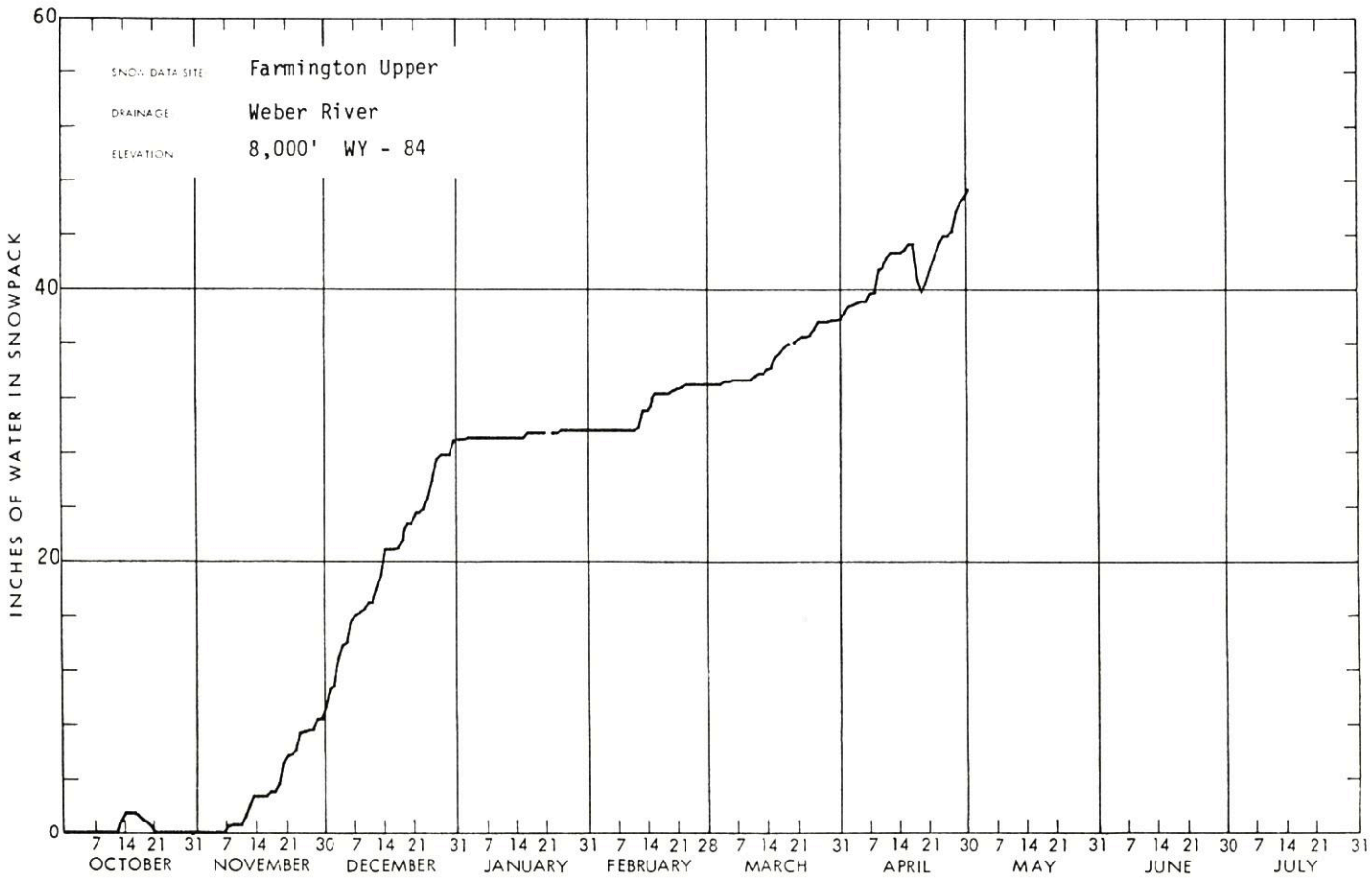
SNOW DATA SITE: Farmington Upper
DRAINAGE: Weber River
ELEVATION: 8,000' WY - 84
INCHES OF WATER IN SNOWPACK
0
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7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 31 7 14 21 28 7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 30 7 14 21 31
OCTOBER NOVEMBER DECEMBER JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY

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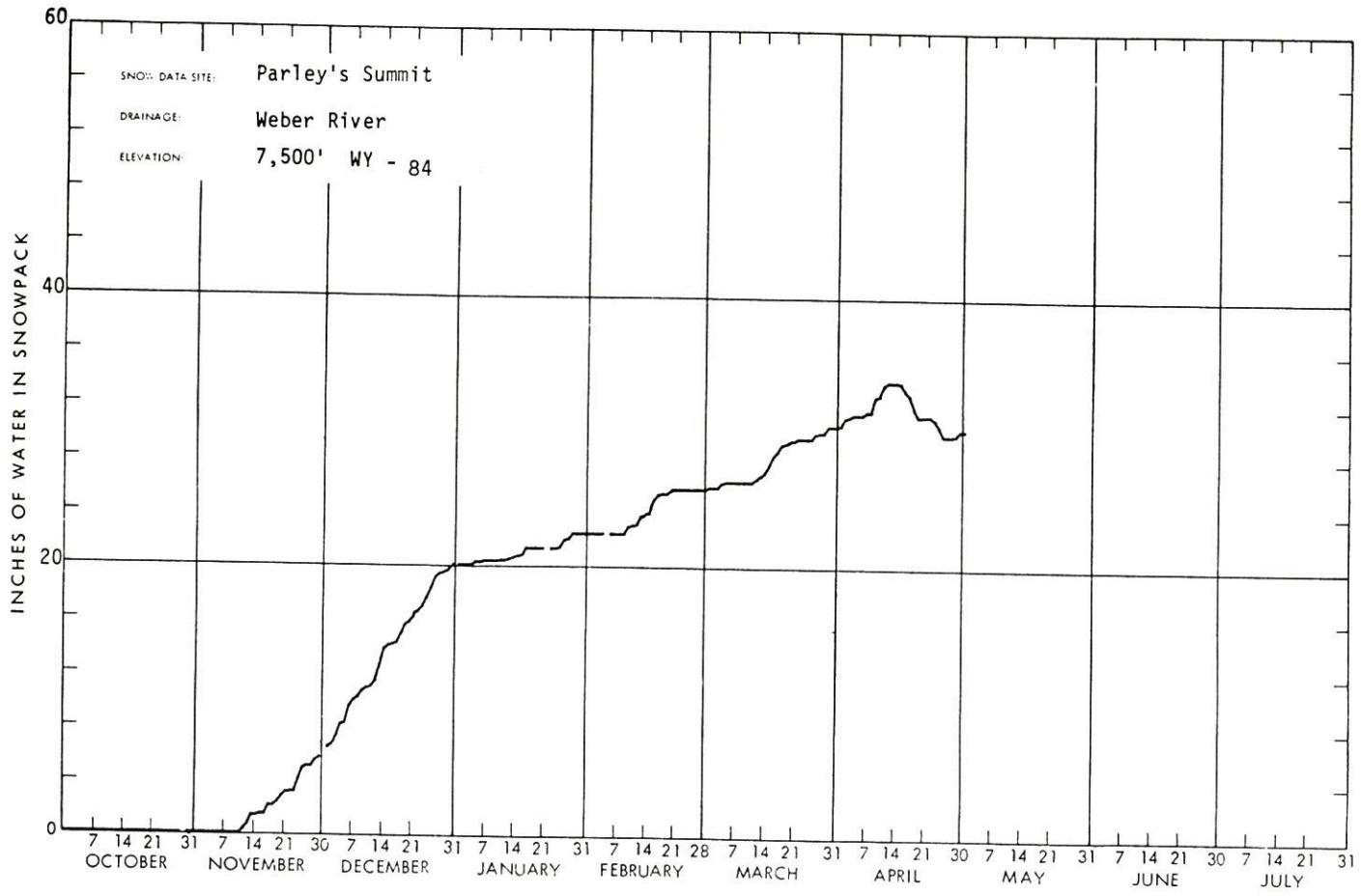
SNOW DATA SITE: Parley's Summit
DRAINAGE: Weber River
ELEVATION: 7,500' WY - 84
INCHES OF WATER IN SNOWPACK
60
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7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 31 7 14 21 28 7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 30 7 14 21 31
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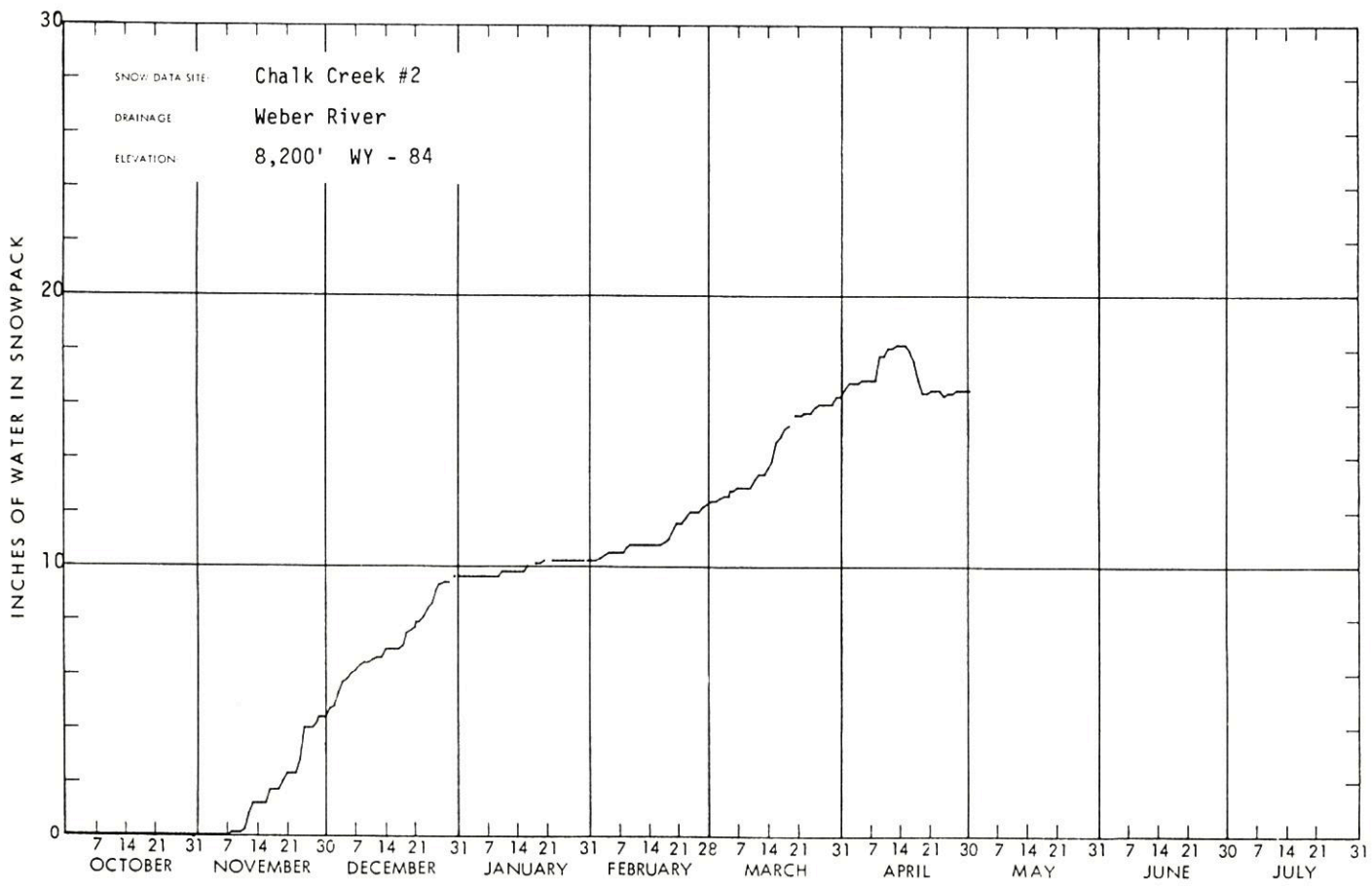
SNOW DATA SITE: Chalk Creek #2
DRAINAGE: Weber River
ELEVATION: 8,200' WY - 84
INCHES OF WATER IN SNOWPACK
30
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7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 31 7 14 21 28 7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 30 7 14 21 31
OCTOBER NOVEMBER DECEMBER JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY

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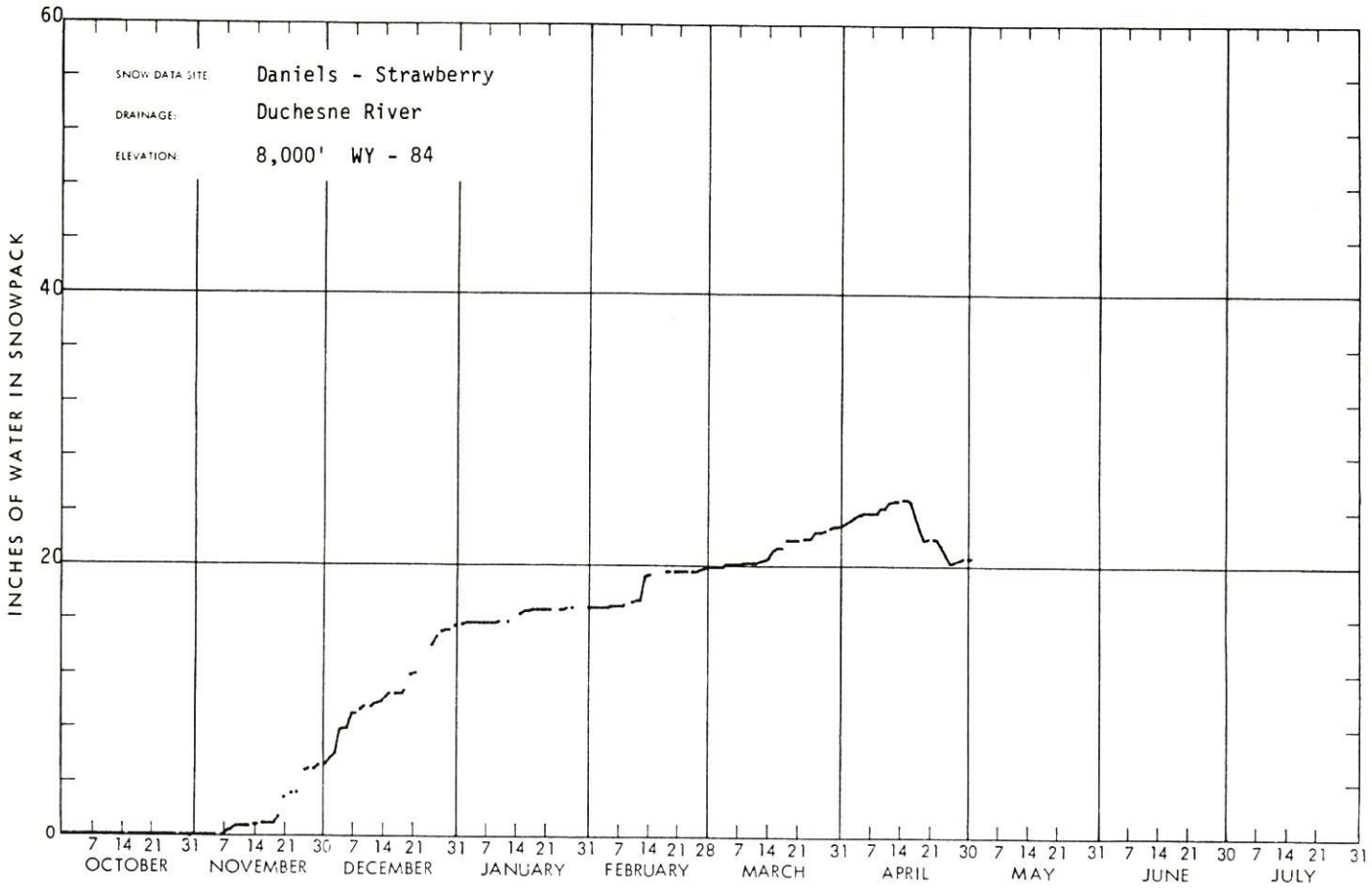
SNOW DATA SITE: Daniels - Strawberry
DRAINAGE: Duchesne River
ELEVATION: 8,000' WY - 84
INCHES OF WATER IN SNOWPACK
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7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 31 7 14 21 28 7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 30 7 14 21 31
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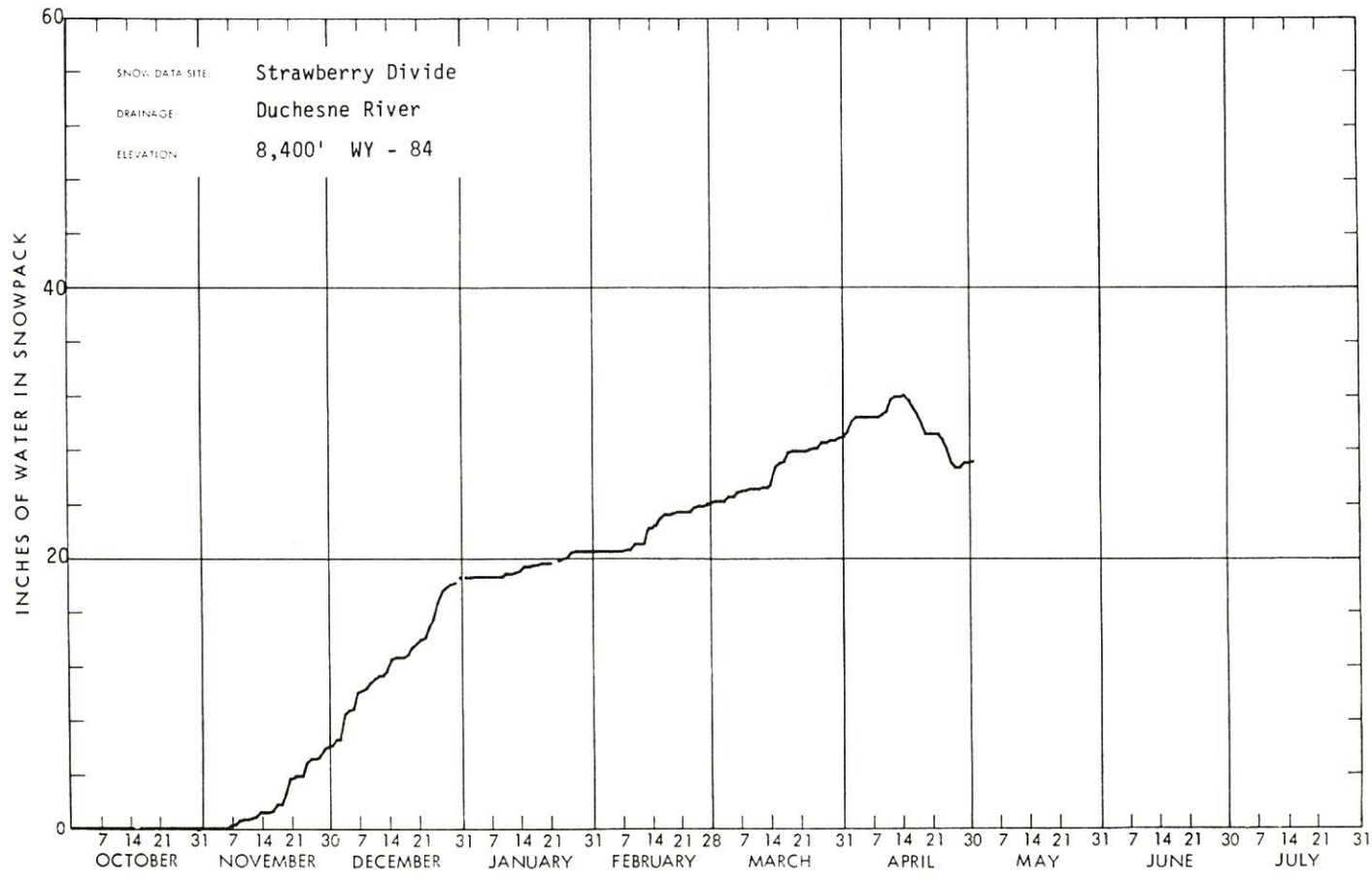
SNOW DATA SITE: Strawberry Divide
DRAINAGE: Duchesne River
ELEVATION: 8,400' WY - 84
INCHES OF WATER IN SNOWPACK
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7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 31 7 14 21 28 7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 30 7 14 21 31
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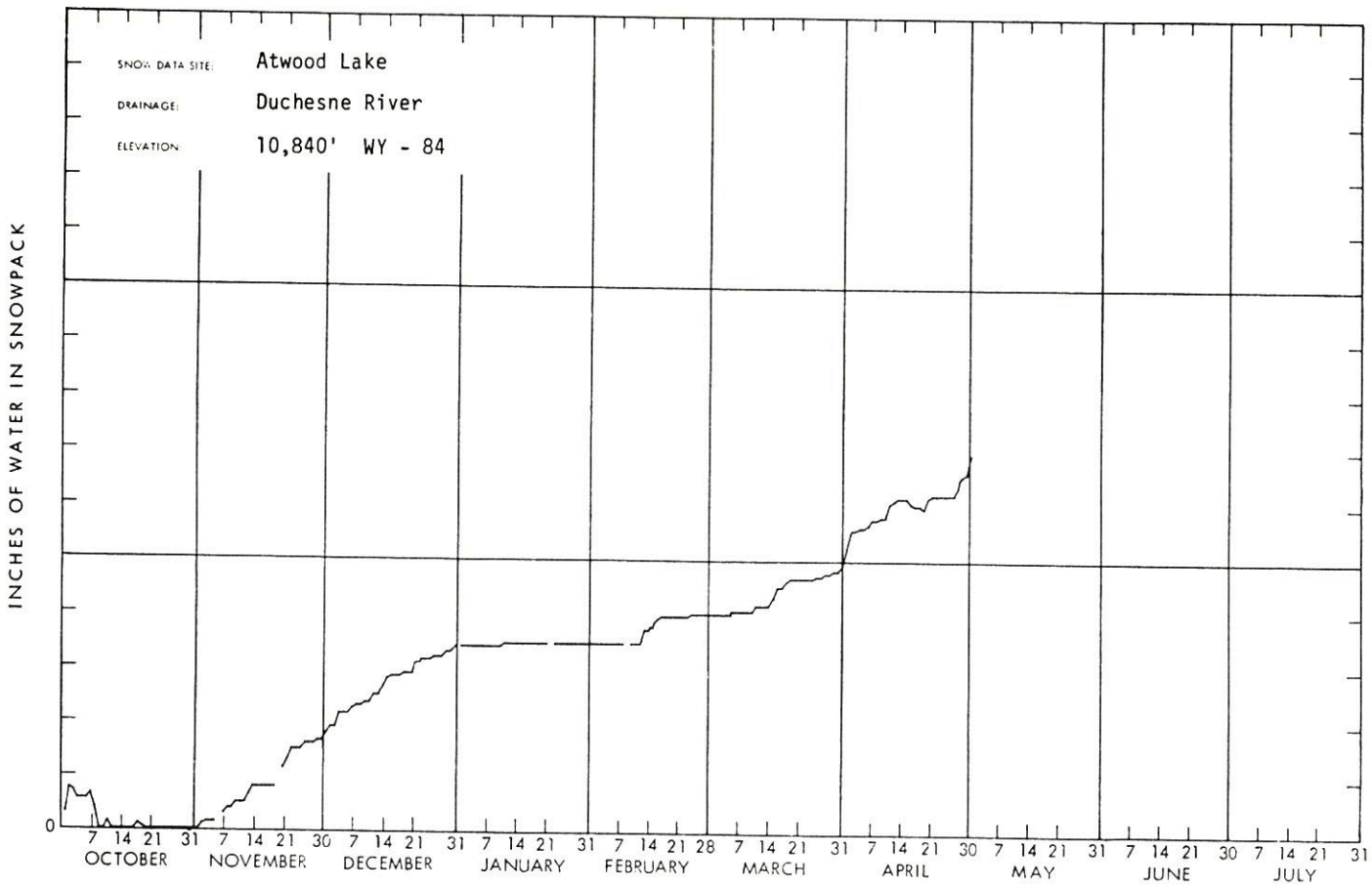
SNOW DATA SITE: Atwood Lake
DRAINAGE: Duchesne River
ELEVATION: 10,840' WY - 84
INCHES OF WATER IN SNOWPACK
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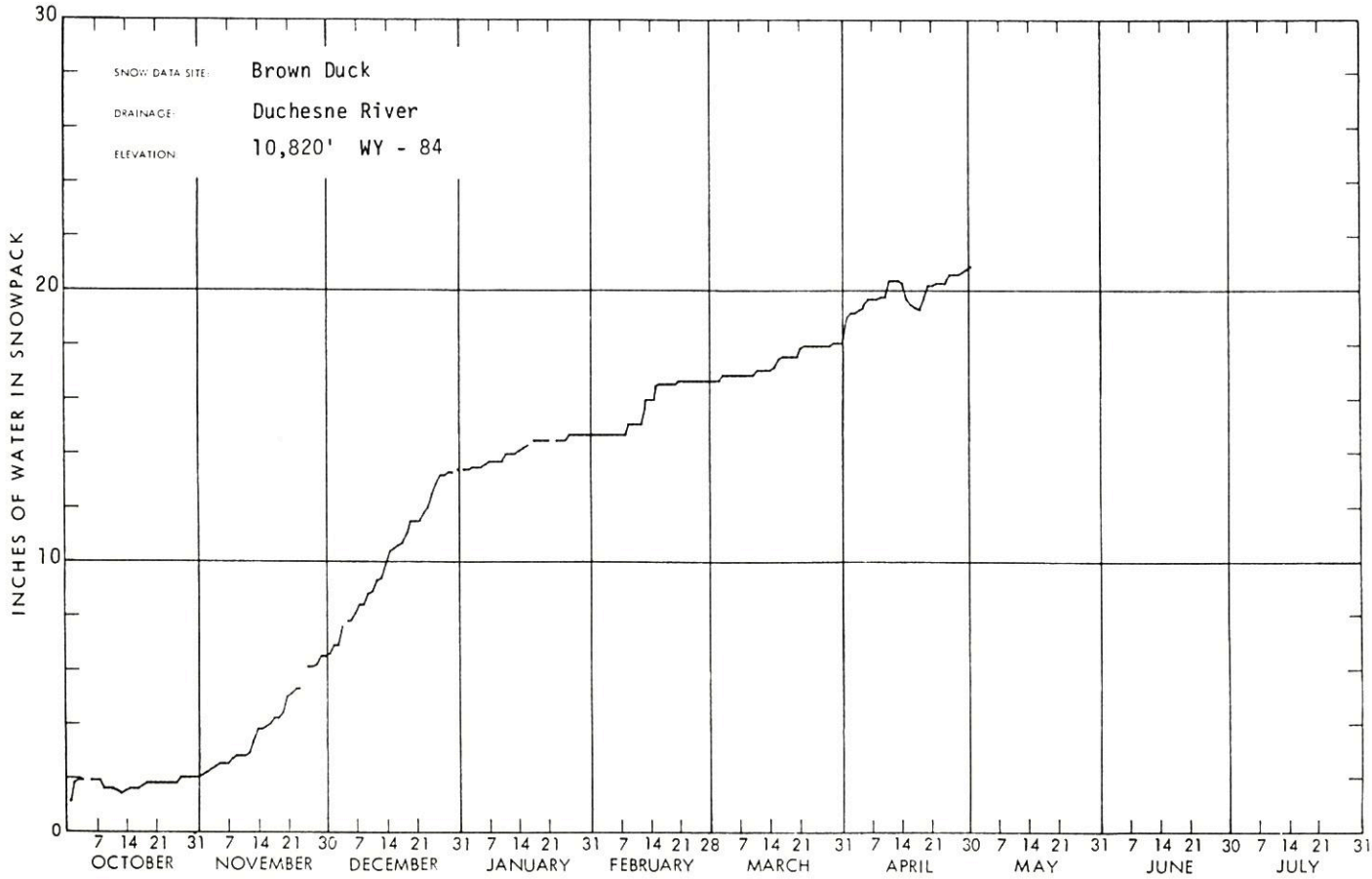
SNOW DATA SITE: Brown Duck
DRAINAGE: Duchesne River
ELEVATION: 10,820' WY - 84
INCHES OF WATER IN SNOWPACK
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7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 31 7 14 21 28 7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 30 7 14 21 31
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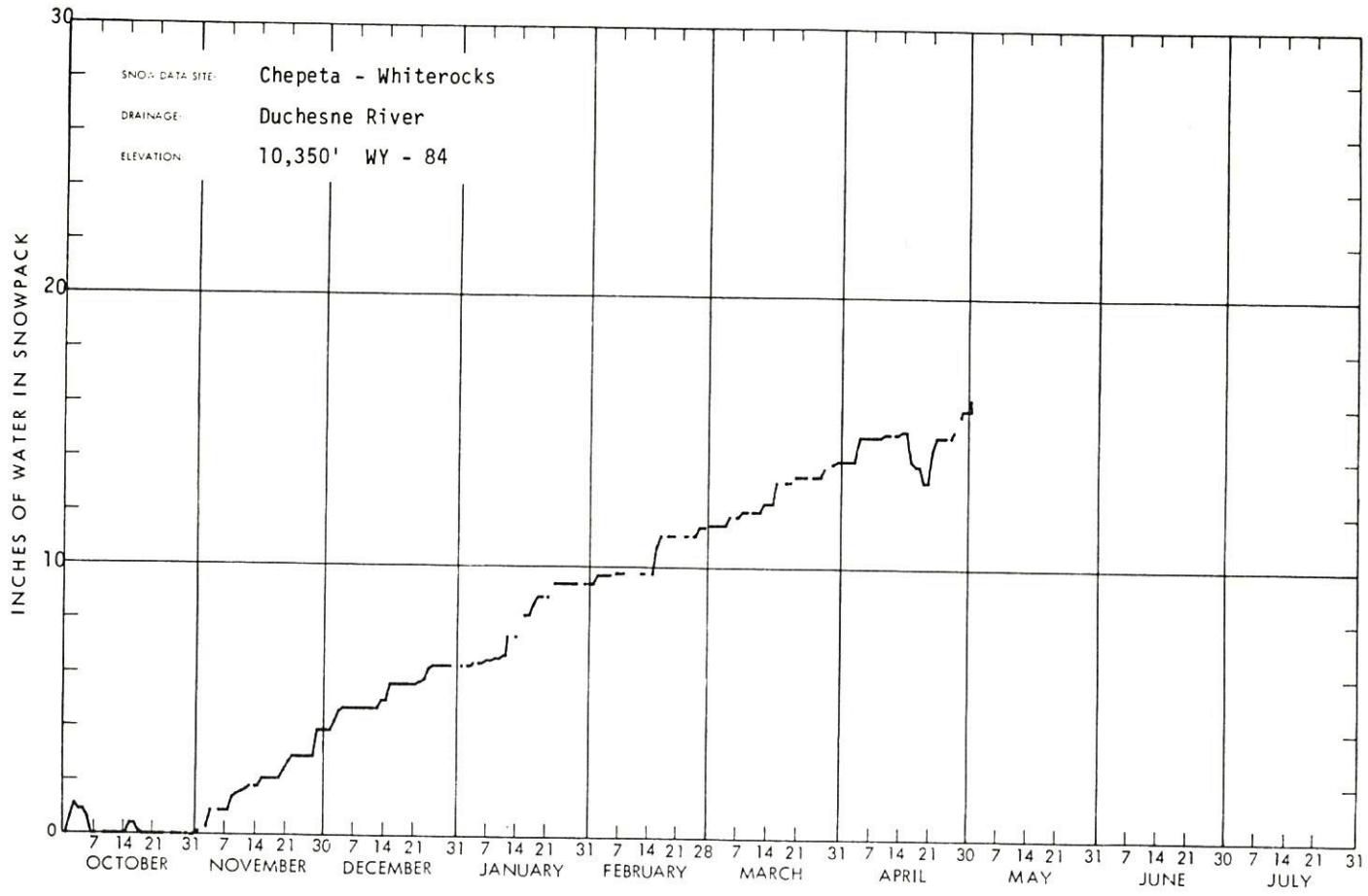
SNOW DATA SITE: Chepeta - Whiterocks
DRAINAGE: Duchesne River
ELEVATION: 10,350' WY - 84
INCHES OF WATER IN SNOWPACK
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7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 31 7 14 21 28 7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 30 7 14 21 31
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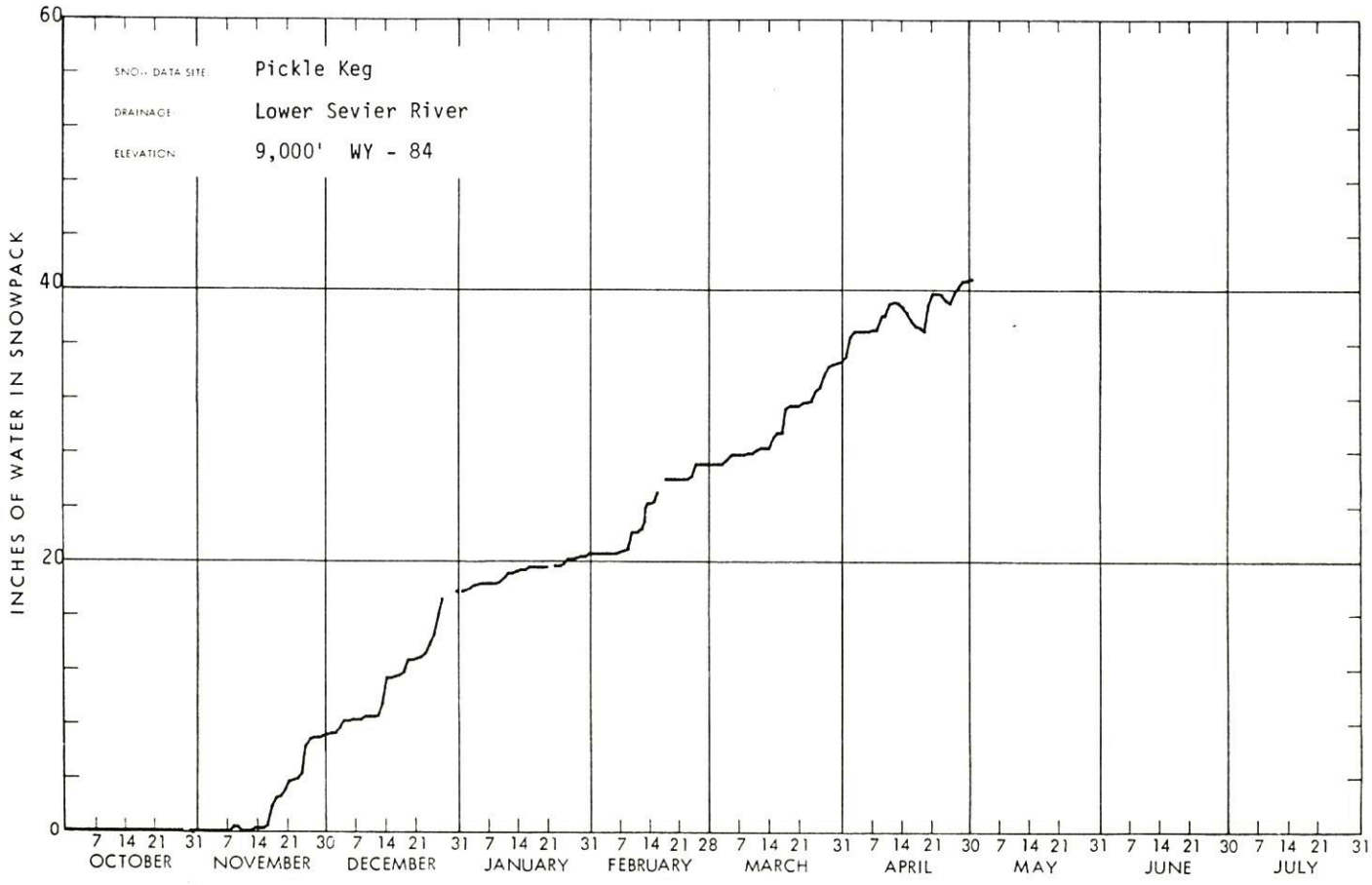
SNOW DATA SITE: Pickle Keg
DRAINAGE: Lower Sevier River
ELEVATION: 9,000' WY - 84
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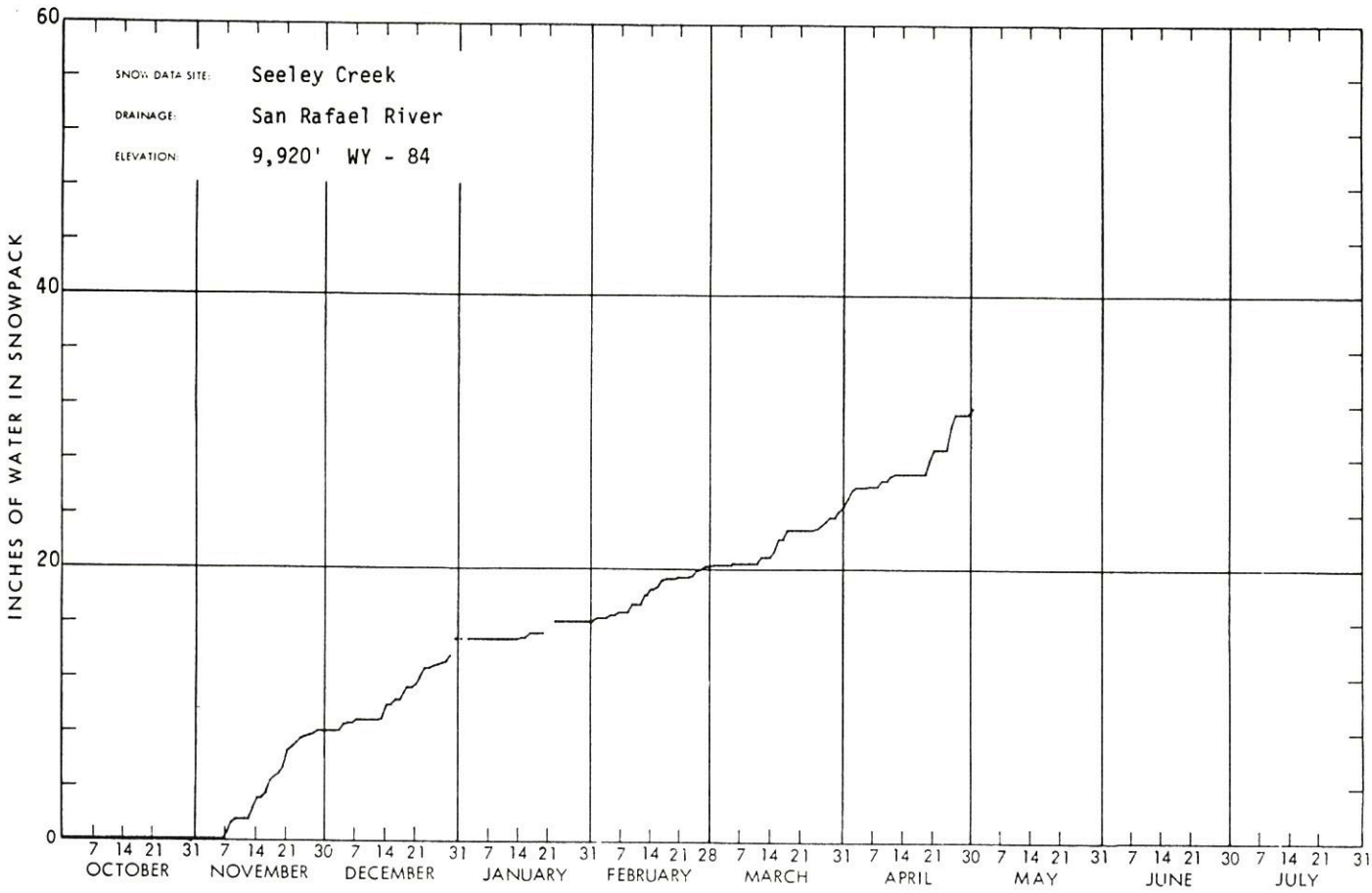
SNOW DATA SITE: Seeley Creek
DRAINAGE: San Rafael River
ELEVATION: 9,920' WY - 84
INCHES OF WATER IN SNOWPACK
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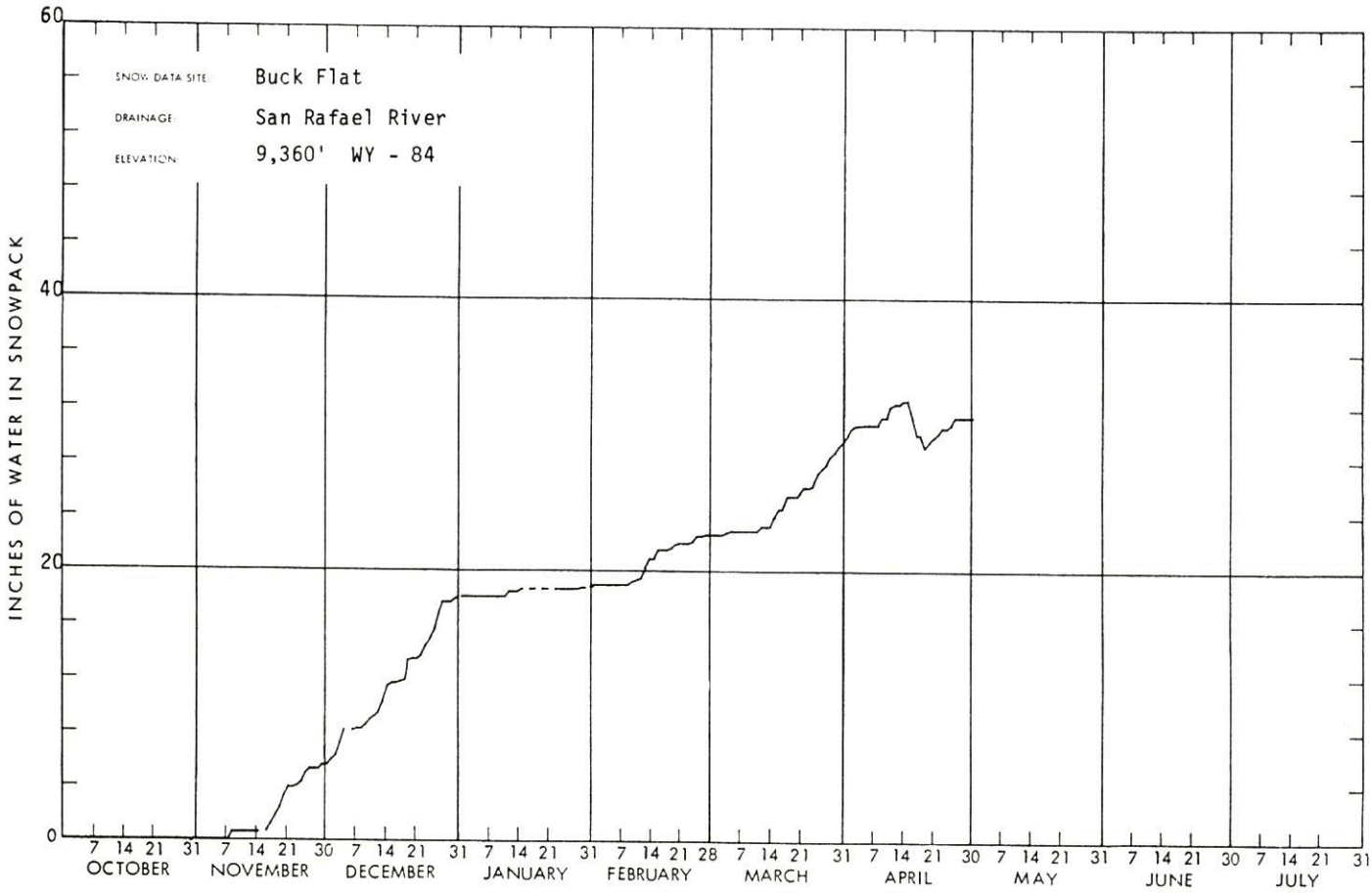
SNOW DATA SITE: Buck Flat
DRAINAGE: San Rafael River
ELEVATION: 9,360' WY - 84
INCHES OF WATER IN SNOWPACK
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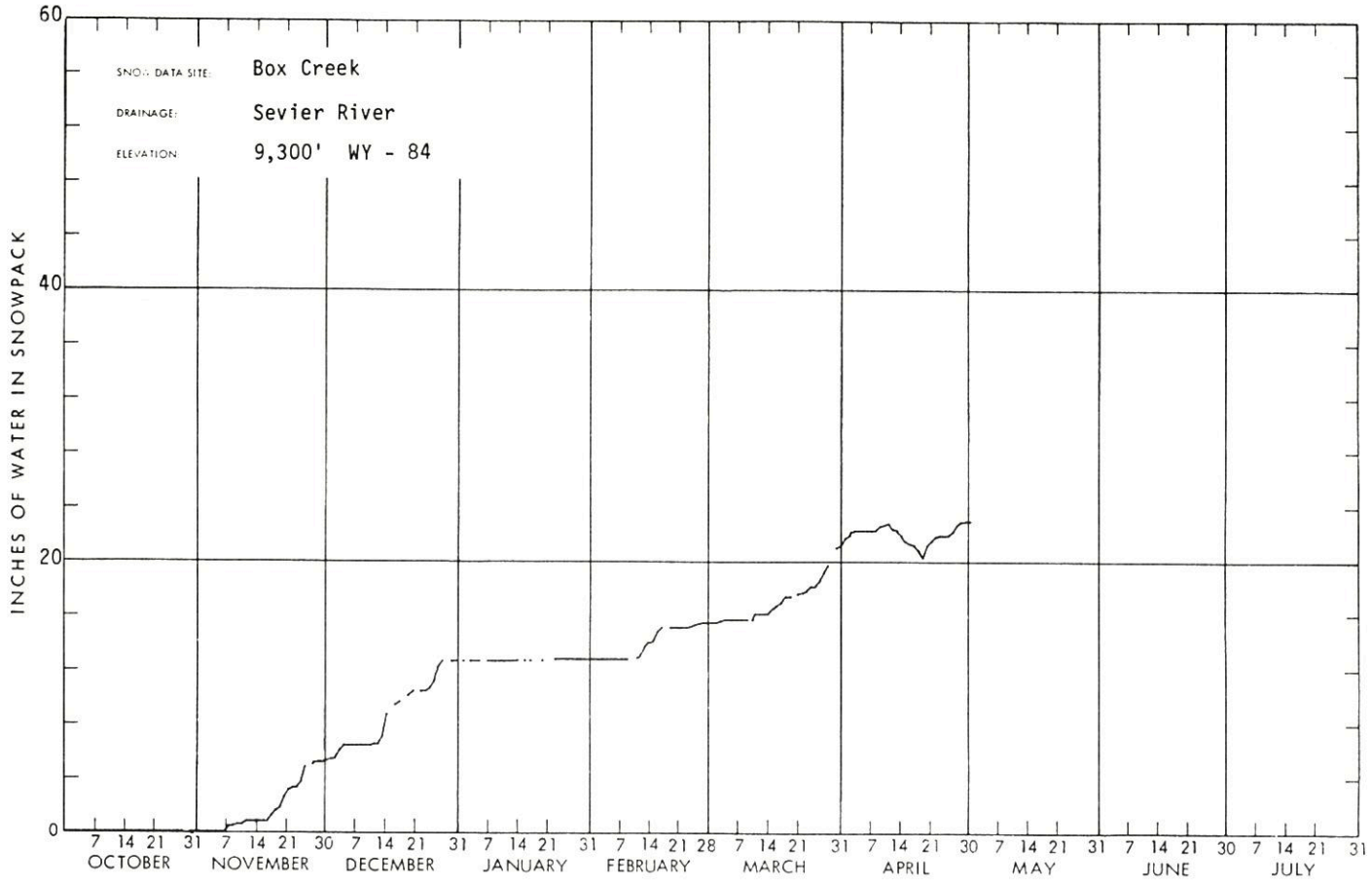
SNOW DATA SITE: Box Creek
DRAINAGE: Sevier River
ELEVATION: 9,300' WY - 84
INCHES OF WATER IN SNOWPACK
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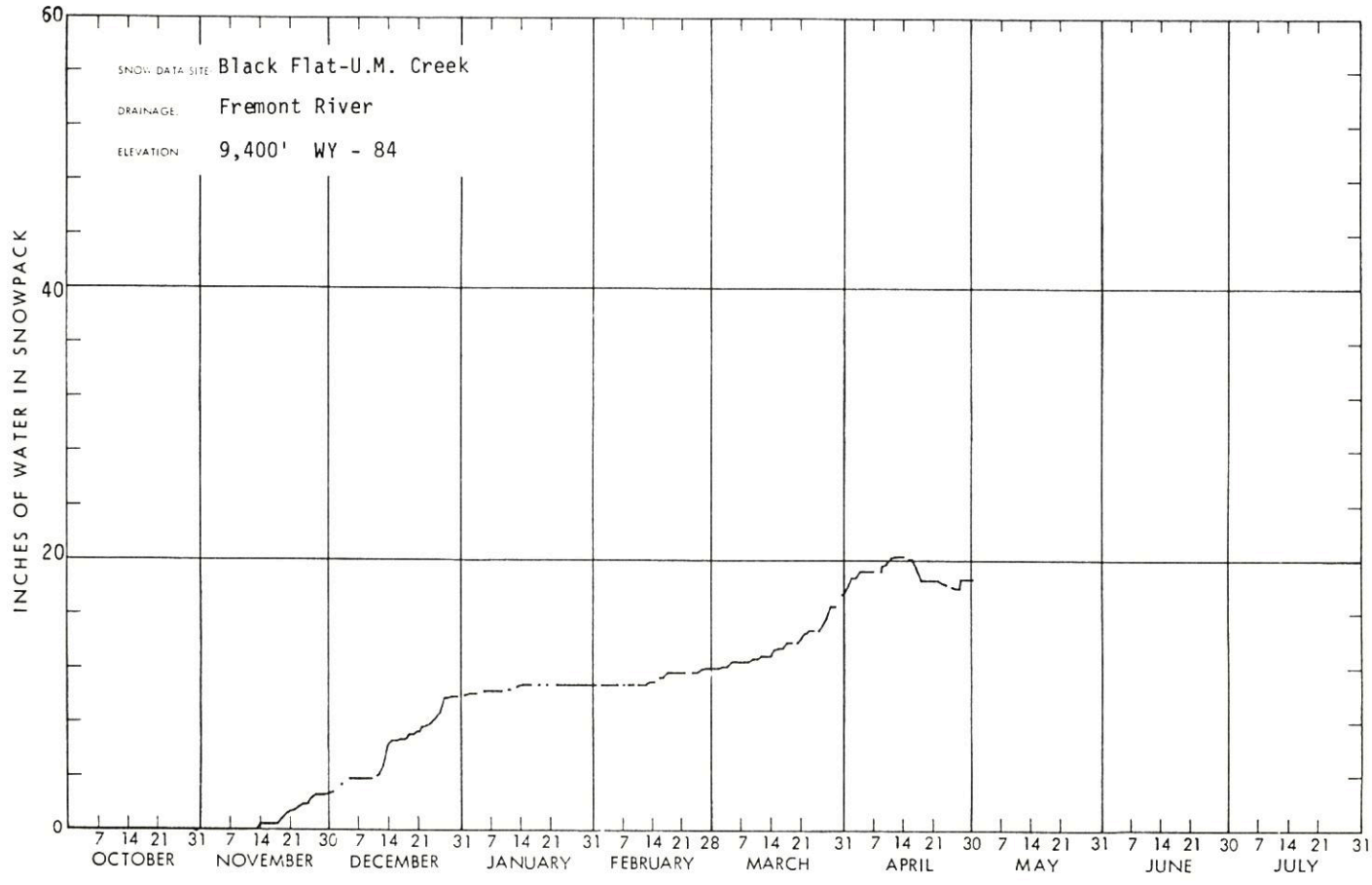
OCTOBER NOVEMBER DECEMBER JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY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DRAINAGE: Fremont River
ELEVATION: 9,400' WY - 84
INCHES OF WATER IN SNOWPACK
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7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 31 7 14 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

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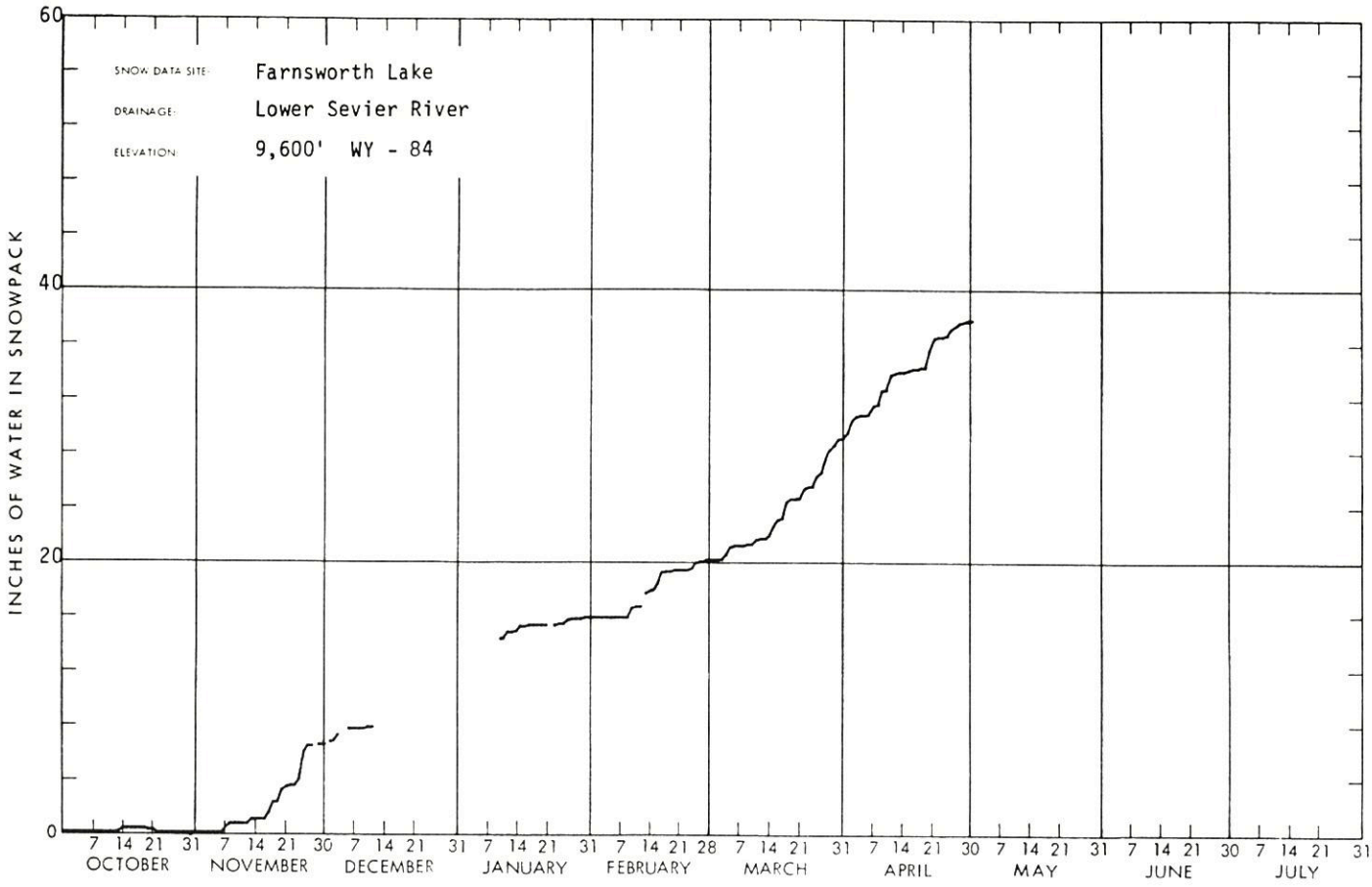
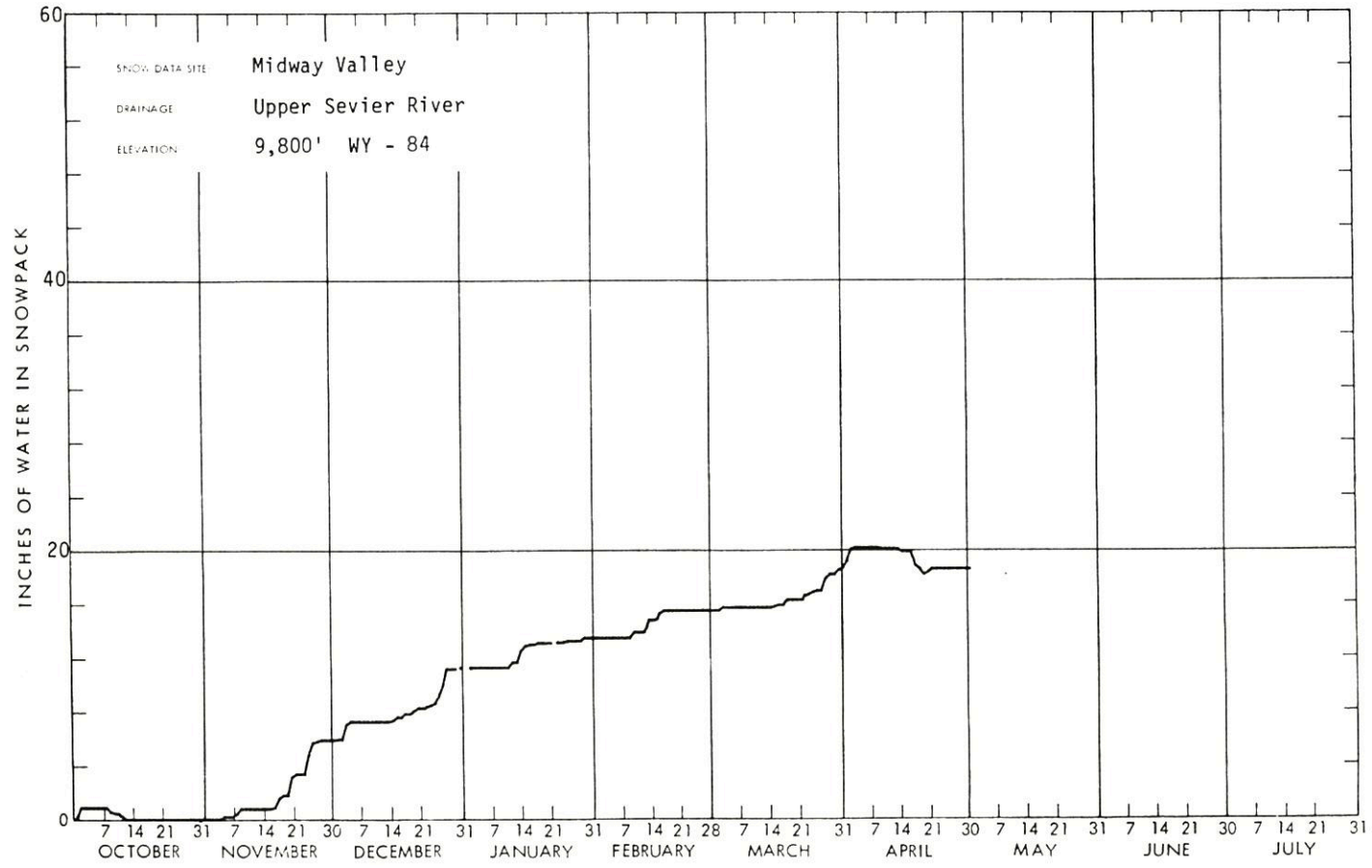
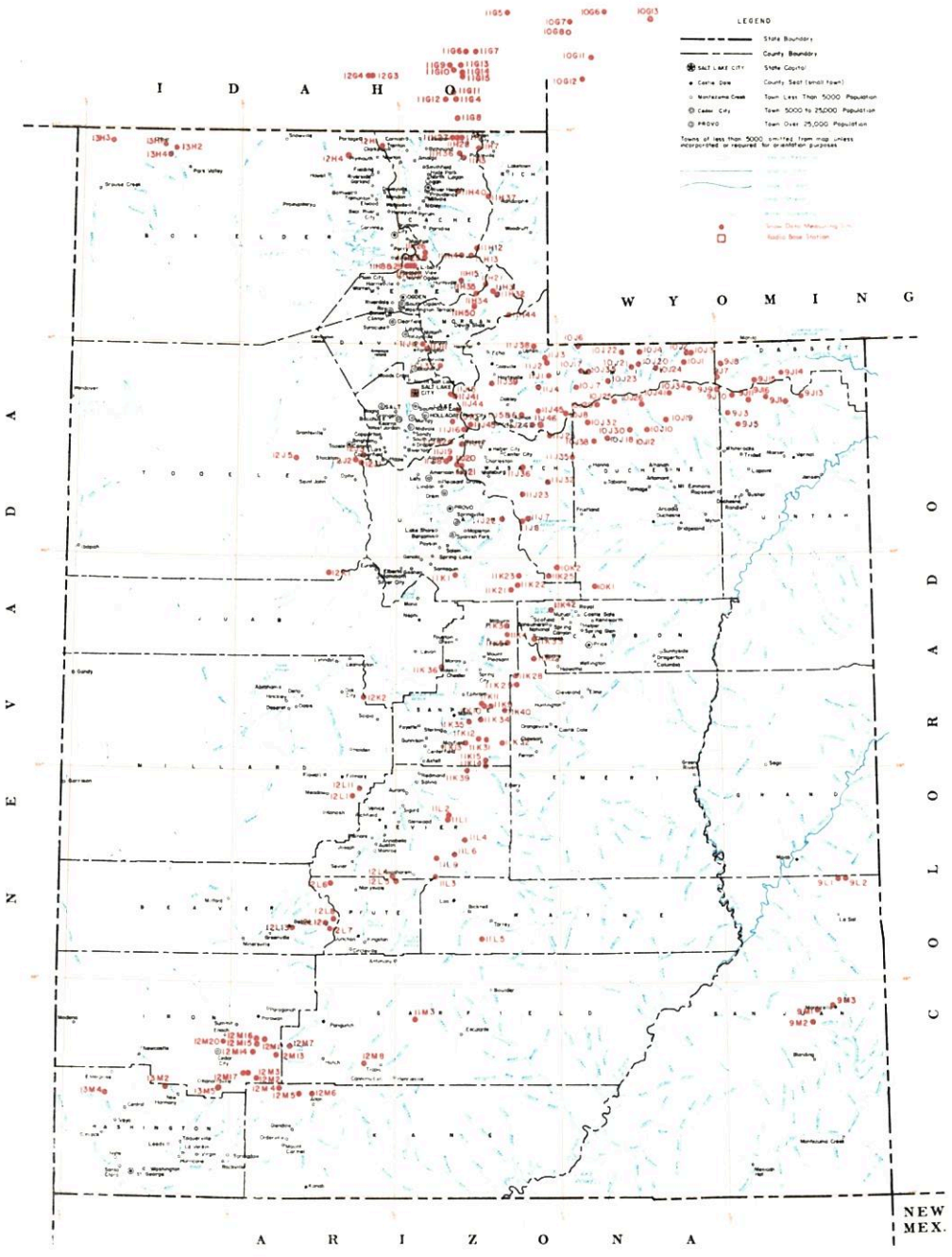

SNOW DATA SITE: Farnsworth Lake
DRAINAGE: Lower Sevier River
ELEVATION: 9,600' WY - 84
INCHES OF WATER IN SNOWPACK
60
40
20
0
7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 31 7 14 21 28 7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 30 7 14 21 31
OCTOBER NOVEMBER DECEMBER JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY


SNOW DATA SITE: Midway Valley
DRAINAGE: Upper Sevier River
ELEVATION: 9,800' WY - 84
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 COURSES AND RELATED DATA MEASURING SITES

UTAH

1983

ALBERS EQUAL AREA PROJECTION

INDEX TO UTAH, BEAR & UPPER COLORADO RIVER BASINS

GREAT BASIN DRAINAGE

Number	State	Name	Section	Township	Range	Elevation
		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
10J7PST	U	Hayden Fork	25	1N	9E	9,400
10G12PST	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
10G8PST	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
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
11G6PST	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 No. 1	7	14N	3E	8,500
11H28	U	Steep Hollow No. 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
11H30PST	U	Ben Lomond Trail	2	7N	1W	6,000
11H35p	U	Causey Dam	34	7N	3E	5,500
11H13MPST	U	Dry Bread Pond	19	8N	4E	8,350
11H34p	U	Gurdler's Peak	21	6N	4E	8,050
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 No. 1	4	1N	8E	9,100
11J2MPST	U	Chalk Creek No. 2	29	2N	8E	8,200
11J3MP	U	Chalk Creek No. 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
11J43P	U	Park City Summit	30	2S	4E	9,300
11J15PST	U	Parley's Canyon Summit	5	1S	3E	7,500
11H50P	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
11J39pa	U	Sergeant Lakes	9	1N	6E	8,300
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 No. 1	18	11S	6E	9,200
11K22PST	U	Clear Creek Ridge No. 2	9	11S	6E	8,000
11K23	U	Clear Creek Ridge No. 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
11K1P	U	Payson R. S.	30	10S	3E	8,050
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
12J2	U	Bevan's Cabin	24	4S	4W	6,450
12J5P	U	Deseret Peak	15	4S	7W	9,250
11J41P	U	Lamb's Canyon No. 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
12J1PST	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
12M5PST	U	Harris Flat	24	38S	7W	7,700
11L9p	U	High-Top Mountain	36	25S	1E	11,400
12L6PST	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
12L5	U	Squaw Springs	3	27S	2W	9,300
		LOWER SEVIER RIVER (including San Pitch River)				
11K13PST	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
11K35U	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

Number	State	Name	Section	Township	Range	Elevation
		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. - E. 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
9J1PST	U	King's Cabin (upper)	22	1S	21E	8,730
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
10J41ap	U	Atwood Lake	13	4N	4W	10,840
10J30PST	U	Brown Duck Ridge	8	2N	6W	10,600
9J9PST	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
10J26PST	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
10J25PST	U	Lakefork Basin	13	4N	7W	11,100
10J10PST	U	Lakefork Mountain	2 & 3	2N	5W	10,200
10J12	U	Lakefork Mountain No. 3	20	2N	4W	8,400
10J29PST	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
10J18PST	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				
11K42P	U	Dry Valley Divide Alternate	14	11S	7E	8,100
11K33MP	U	Mud Creek	4	14S	7E	8,600
10K2MPST	U	White River No. 1	11	10S	8E	8,550
11K25	U	White River No. 3	30	10S	8E	7,400
		SAN RAFAEL RIVER				
11K31PST	U	Buck Flat	23	19S	4E	9,400
11K4	U	Gooseberry Reservoir	25	13S	5E	8,700
11K5P	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
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	24	20S	4E	9,200
11K15PST	U	Dill's Camp	27	20S	4E	9,200
		FREMONT RIVER				
11L4PST	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
9L2PSTT	U	LaSal Mountain (Upper)	3	27S	24E	9,850
9M3	U	Monticello Park	25	33S	23E	7,050
		ESCALANTE RIVER				
11M3PST	U	Wattsoe-Escalante No. 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.

United States Department of Agriculture

Soil Conservation Service

Salt Lake City Utah

WATER SUPPLY OUTLOOK FOR UTAH

in Cooperation with Utah State Department of Natural Resources

June 1, 1984

WATER SUPPLY OUTLOOK FOR UTAH

and

FEDERAL-STATE-PRIVATE COOPERATIVE SNOW SURVEYS

Issued by

PETER C. MYERS
CHIEF
SOIL CONSERVATION SERVICE
WASHINGTON, D.C.

Released by

FRANCIS T. HOLT
STATE CONSERVATIONIST
SOIL CONSERVATION SERVICE
SALT LAKE CITY, UTAH

In Cooperation with

UTAH STATE DEPARTMENT OF NATURAL RESOURCES

DEE C. HANSEN
State Engineer
Division of Water Rights

DANIEL F. LAWRENCE
Director
Division of Water Resources

Report prepared by Snow Survey Staff

BOB L. WHALEY, Supervisor

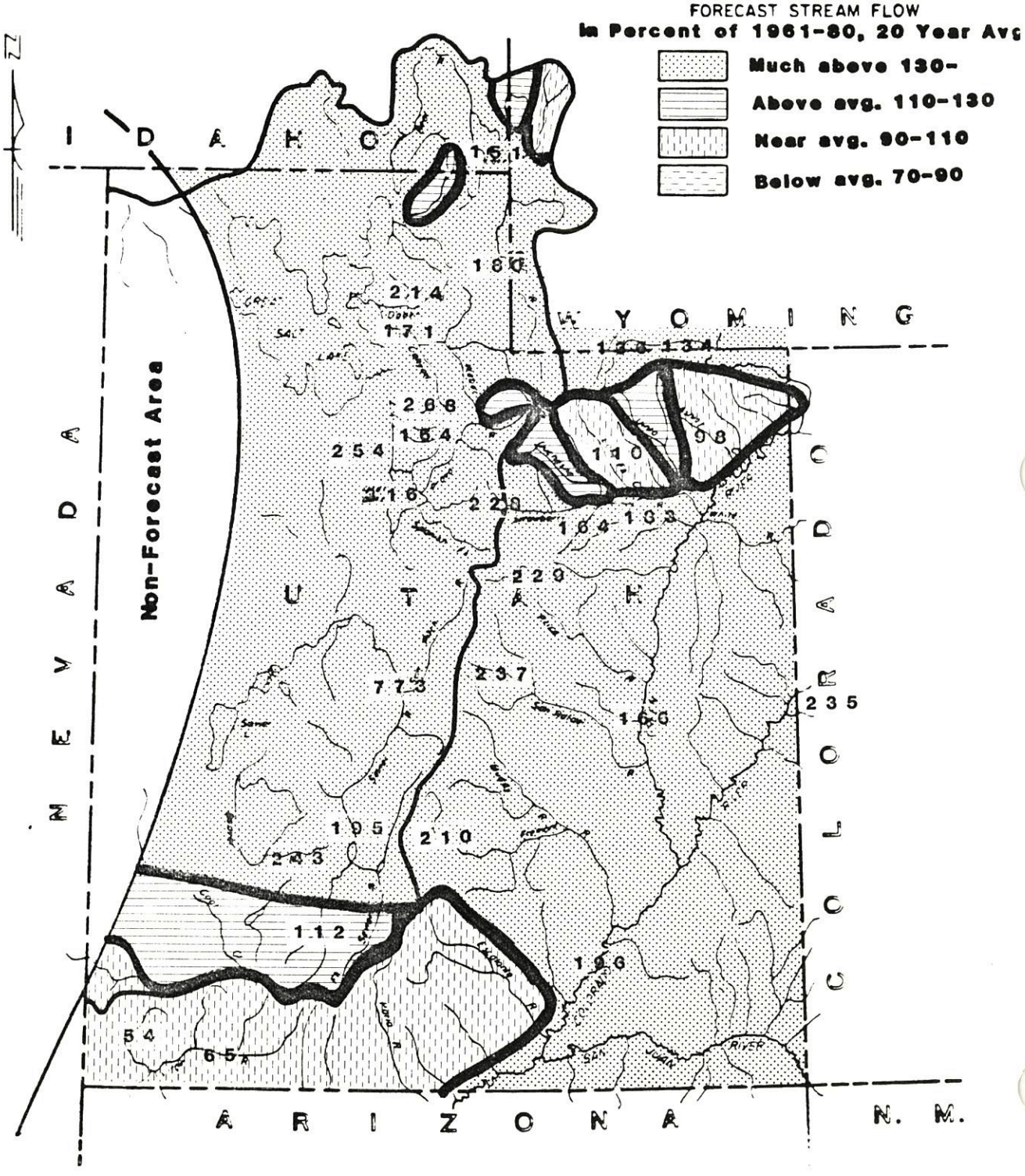
Soil Conservation Service
125 So. State, Fed. Bldg.
P.O. Box 11350
Salt Lake City, Utah 84147

PROSPECTIVE WATER SUPPLIES

Based on Snow Surveys Made on
UTAH and BEAR RIVER WATERSHEDS

June 1, 1984
Approximate Date

50 0 50 100
SCALE IN MILES



As of June 1, 1984

* *
* Utah's 1984 Water Supply Outlook ranges from below *
* average on the Virgin to several times average on the *
* Lower Sevier. Snow cover ranges from no snow on many *
* areas of Southern Utah and Uintah Basin to 255% of *
* average on the Lower Sevier. Soil moisture is wetter *
* than average except along the southern border of the *
* state. Reservoir storage is above average with most *
* reservoirs full and spilling. Streamflow forecasts *
* range from about half average on the Virgin to seven to *
* ten times average on the Lower Sevier. *
* *

SNOW COVER

Snow courses measured the last week of May show many areas of Southern Utah and Uintah Basin had no snow on snow courses as high as 9,800 feet in elevation. Those with snow range from 19% of average on Parowan Creek to 255% on the Lower Sevier-San Pitch area.

Those basins with snow were as follows: Bear 149%, Ogden 184%, Weber 194%, Provo 82%, Utah Lake 97%, Black's Fork 121%, Duchesne 50%, San Rafael 184%, Beaver 122%, and Upper Sevier 72% of the June 1 average. Snowmelt began about three to four weeks earlier than last year.

PRECIPITATION

Precipitation at mountain stations ranged from 7% of the May average in the southwestern corner of the state to about 150% of average at several stations in the central part of the state. Most stations on the Lower Bear and Ogden Rivers were near average to 30% above average. Upper Bear, Weber, Provo and Uintah Basin stations were 50% to 90% of average. Most stations on the San Pitch and San Rafael were average to 150% of average. Beaver River stations were 60% to 70% of the May average while stations south and east of the Beaver received only 7% to 40% of the May average.

SOIL MOISTURE

Watershed soils are generally wetter than average except on the Virgin, Upper Sevier, and Blue Mountains of Southern Utah.

RESERVOIR STORAGE

Storage in 24 key irrigation reservoirs is now 122% of the June 1 average and 94% of useable capacity. Many reservoirs are full and spilling and most others, except possibly those in souther Utah, are expected to fill in early June. Utah Lake is 5.2 feet about compromise and Great Salt Lake is 4208.8 feet above sea level.

-more-

STREAMFLOW FORECASTS

Streamflow forecasts for the May-July period now range from 54% of average on Santa Clara to 1070% for the Sigurd to Gunnison reach of the Lower Sevier River. Forecast range by basins is as follows: Bear, 102% for Smith's Fork to 211% for Bear at Randolph; Ogden, 200% for South Fork to 214% for Pineview Inflow; Weber, 129% for Oakley to 268% for Lost Creek; Utah Lake-Jordon River, 147% for Little Cottonwood to 338% for Hobble Creek; Tooele Valley, 147% for South Willow to 306% for Vernon Creek; Duchesne-Green Rivers, 98% for Ashley Creek to 228% for Strawberry Inflow; Price River, 220% for Gooseberry Creek to 229% for Scofield Inflow; San Rafael, 213% for Huntington Creek to 237% for Cottonwood Creek; Dirty Devil, 200% for the Muddy to 210% for Seven Mile Creek; Sevier, 112% Hatch to 1070% Sigurd to Gunnison; Beaver, 233% for North Creeks to 393% for Minersville Inflow; Virgin, 54% for Santa Clara to 65% for Hurricane; Coal Creek is 123% of the May-July average.

Most Streams have had their snow melt peaks and are now receeding except where influenced by rain showers.

All water users are expected to have average to above average water supplies except on the Virgin and smaller streams along the southern border of the state.

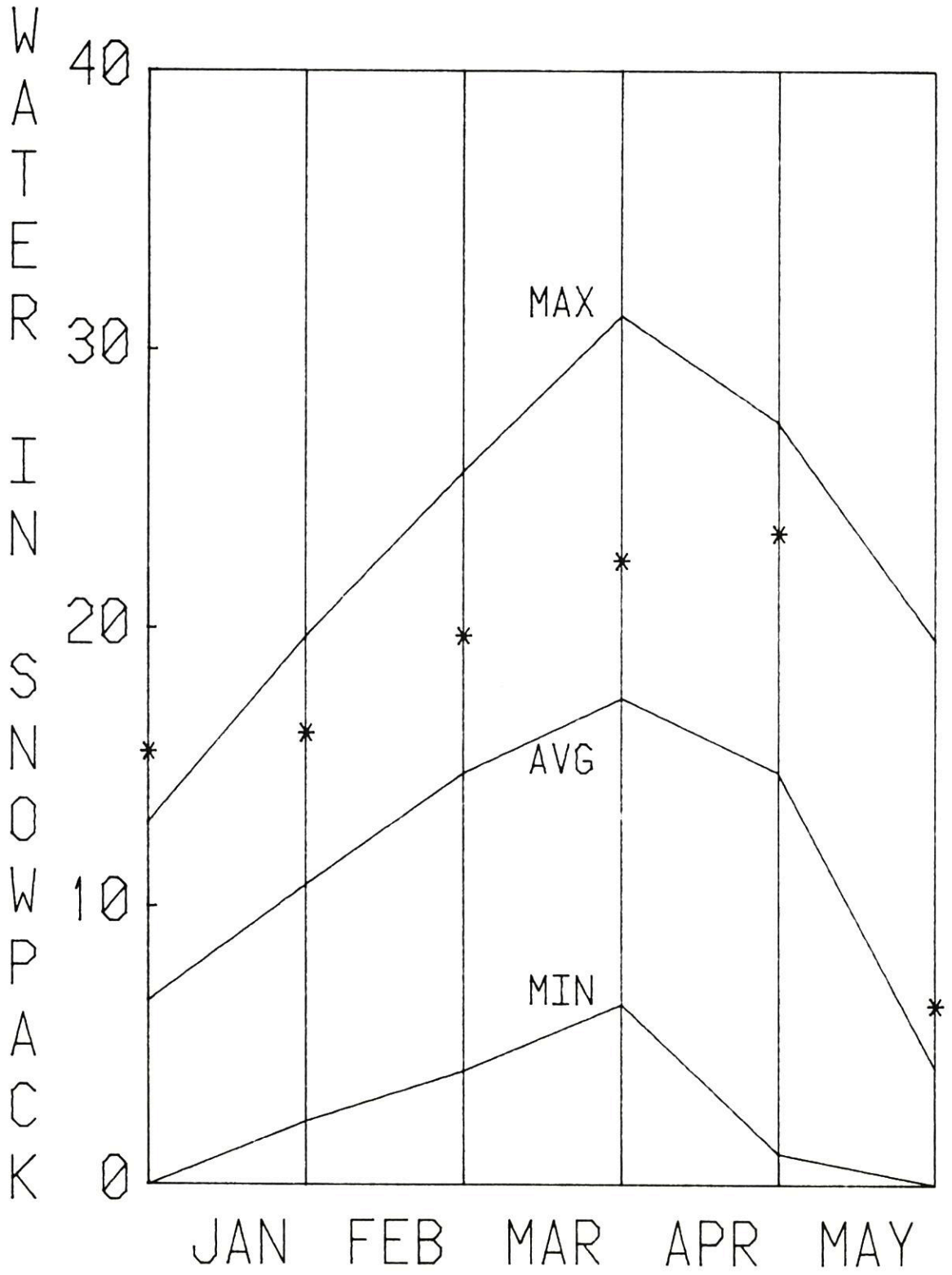
RESERVOIR STORAGE (Thousand Acre Feet) END OF MONTH

Basin or Stream	RESERVOIR	Usable Capacity	Usable Storage		
			This Year	Last Year	Average+
GREAT BASIN					
Bear River	Bear Lake	1421.0	1275.0	1273.5	1130.7
	Woodruff Narrows	55.8	60.6	60.6	--
	Woodruff Creek	3.5	3.5	3.6	--
Beaver River	Minersville (RkyFd)	26.0	24.0	23.3	13.4
Little Bear	Hyrum	15.3	15.3	11.6	14.7
	Porcupine	11.3	11.9	12.9	10.9[b]
Ogden	Causey	6.9	7.1	7.1	6.3[b]
	Pineview	110.1	108.2	106.4	99.2
Provo	Deer Creek	149.7	148.0	140.6	135.9
Settlement Creek	Settlement Creek	1.2	1.2	1.2	1.0[b]
	Vernon Creek	0.6	0.6	0.6	0.5[b]
Sevier River	Gunnison	18.2	18.2[a]	18.2	13.4[b]
	Otter Creek	52.5	52.7	52.7	40.3
	Piute	71.8	70.7	71.8	39.0
	Sevier Bridge	236.0	248.0	236.1	112.3
	Panguitch Lake	22.3	22.3	23.0[a]	--
Spanish Fork	Strawberry	270.0	295.4	294.9	180.4
Utah Lake	Utah Lake	883.9	1415.8	1269.6	--
Weber	East Canyon	48.1	46.6	49.7	46.8[b]
	Echo	73.9	63.8	73.4	65.6
	Lost Creek	20.0	20.2	21.3	19.1[b]
	Rockport	60.9	53.4	53.2	47.2
	Willard Bay	193.3	152.7	167.5	181.0[b]
COLORADO R. BASIN					
Ashley Creek	Steinaker	33.3	33.3	29.0	26.9[b]
	Red Fleet	26.0	25.0	23.9	--
Colorado	Blue Mesa	829.5	653.0	562.0	--
	Lake Powell	25002.0	23090.0	24216.0	--
Green	Flaming Gorge	3749.0	3280.0	3416.0	--
Lakefork	Moon Lake	35.8	35.8	32.1	18.0
Price River	Scofield	65.8	72.0+	52.4	53.8
San Juan	Navajo	1696.0	1573.0	1444.0	--
	Ken's Lake	2.3	2.3	2.2	--
San Rafael	Huntington North	3.9	3.9[a]	3.9[a]	--
	Joe's Valley	54.6	56.6	45.4	54.5[b]
	Mill Site	16.7	16.7	17.0[a]	--
Strawberry	Currant Creek	15.5	5.0[a]	4.0	--
	Starvation	165.3	149.6	165.9	128.9[b]
	Soldier Creek	951.4	120.0	90.5	--
Uintah	Bottle Hollow	11.3	11.3[a]	11.1	--

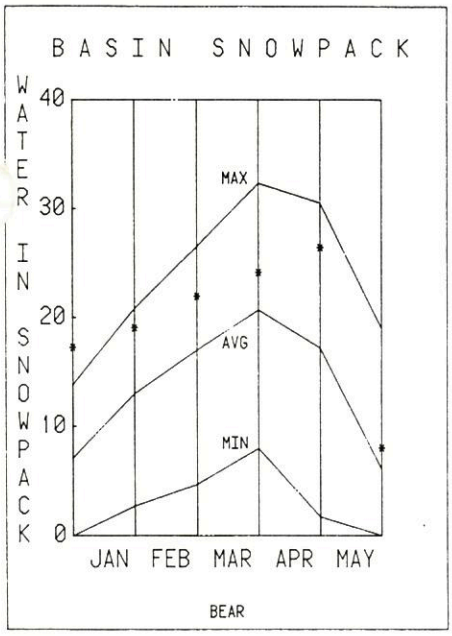
a - Partly estimated
b - Average of past record in average period - less than 20 years
+ - 1961-80 20 year average period

USDA-SCS-PORTLAND, OREG. 1981

BASIN SNOWPACK



UTAH STATE WIDE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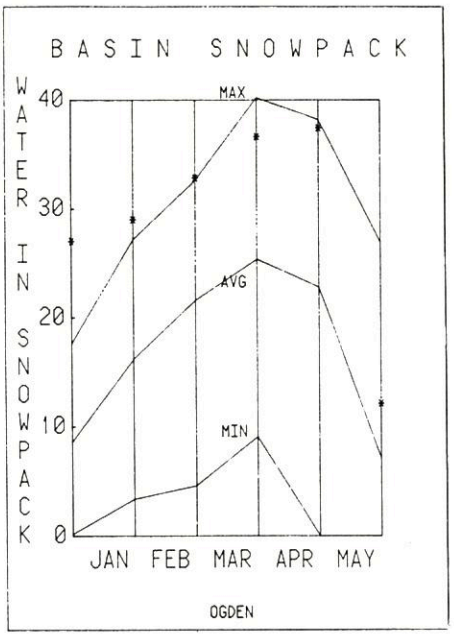
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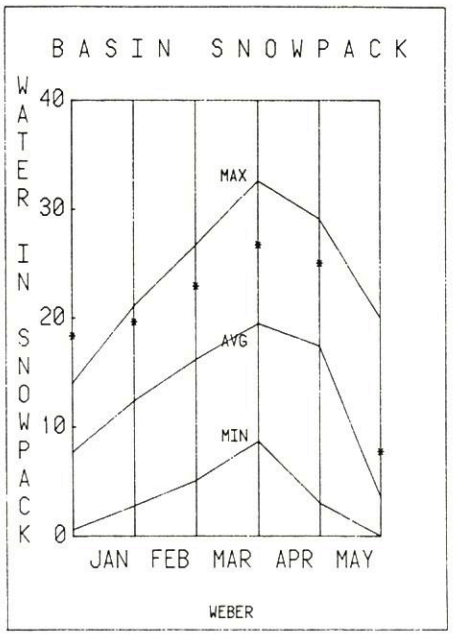
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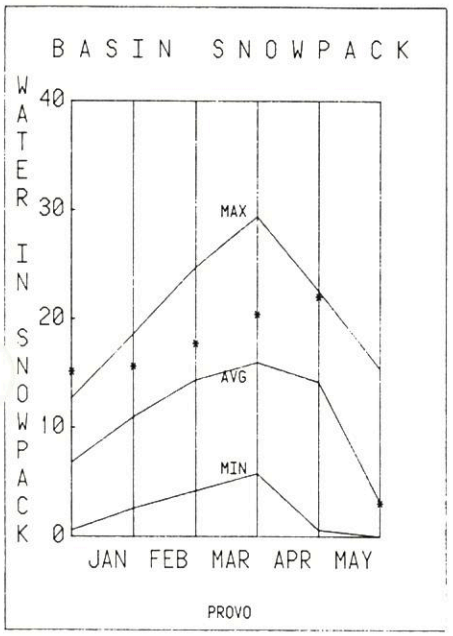
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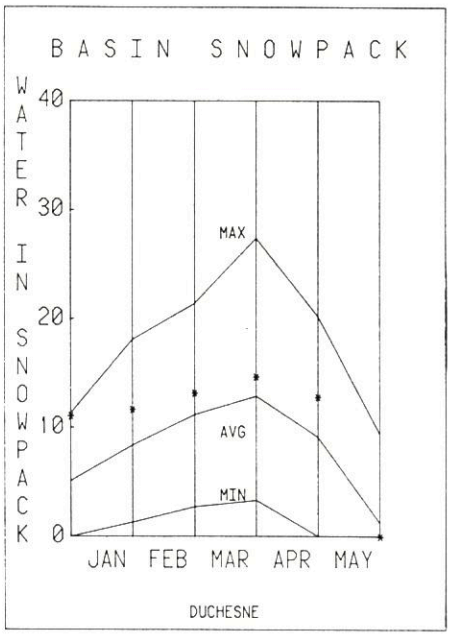
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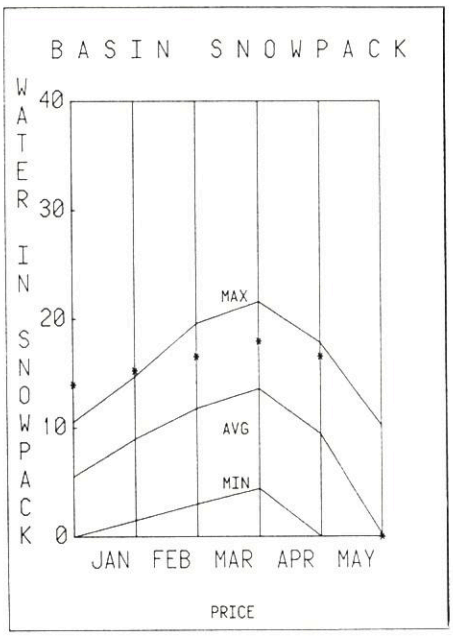
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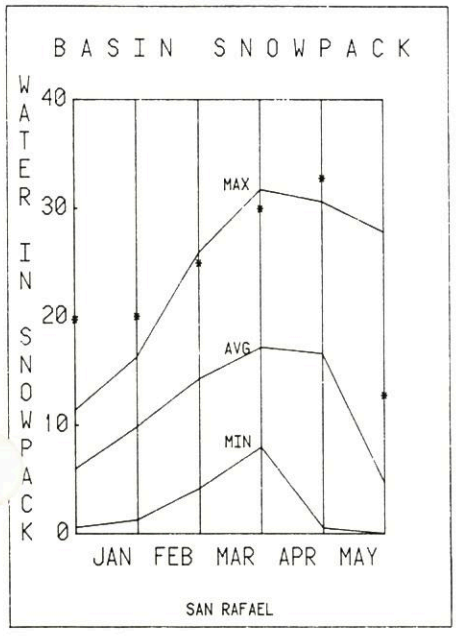
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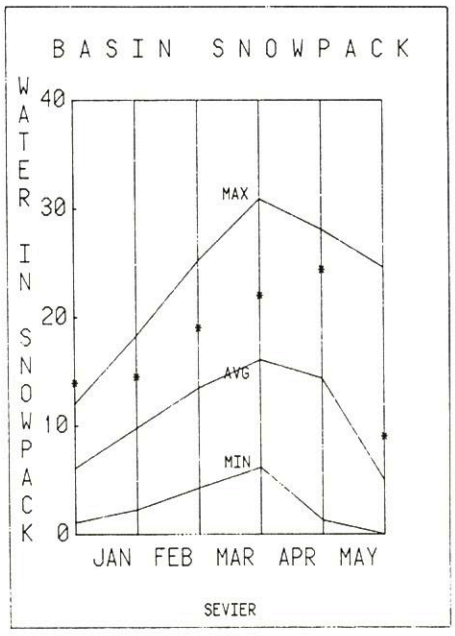
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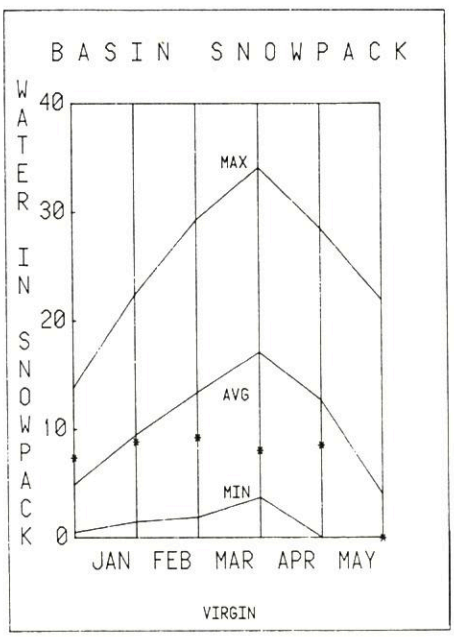
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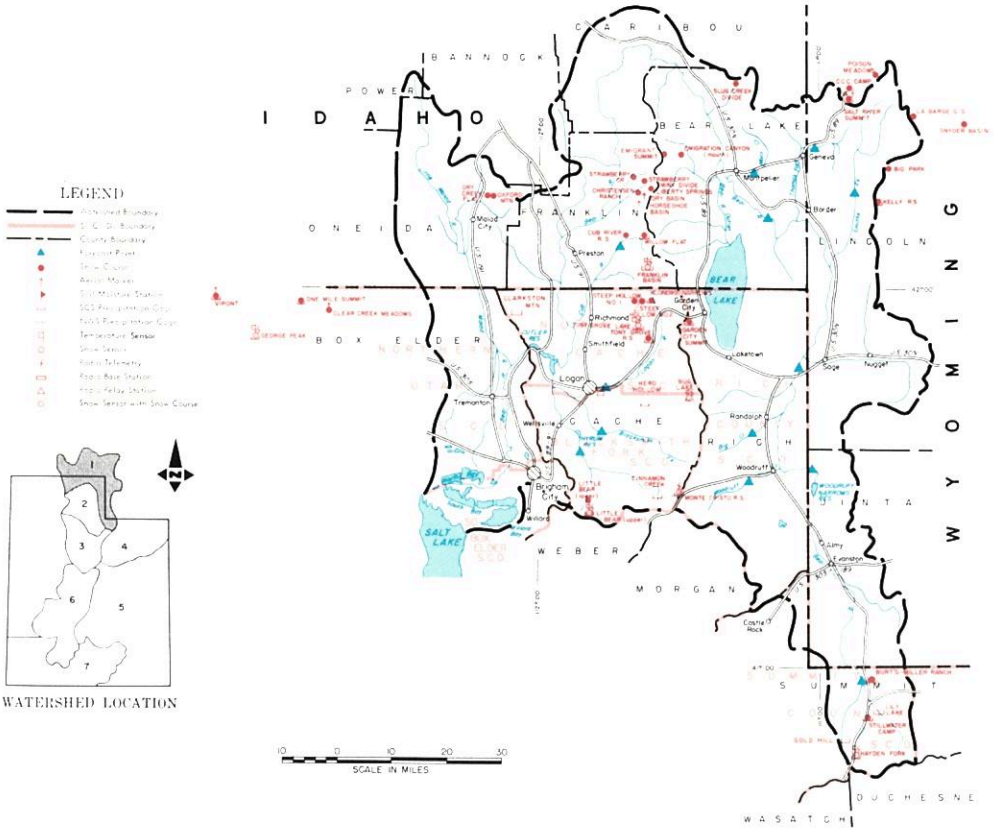
WATER SUPPLY OUTLOOK
BEAR RIVER BASIN in UTAH

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



JUNE 1, 1984

THE WATER SUPPLY OUTLOOK IS ABOVE AVERAGE

SNOW COVER as of June 1 ranges from 102% on the Upper Bear to 160% on the Lower Bear. Logan River is 153% of average.

PRECIPITATION at mountain stations ranged from 56% of the May average at Stillwater Camp to 155% at Tony Grove R. S. above Logan.

SOIL MOISTURE on higher watersheds is still wetter than average and wetter than last year.

RESERVOIR STORAGE is above average with all but Bear Lake full and spilling.

STREAMFLOW FORECASTS now range from 102% of the April-September average on Smith's Fork to 211% for the May-July average for the Bear at Randolph. The Bear River is forecast 131% at State Line, 180% at Woodruff, and 151% at Harer, Idaho, Woodruff Creek 140%, Big Creek 197%, and Thomas Fork 115% of average. Logan River is forecast 124%, Blacksmith Fork 155%, Little Bear 148% and Cub River 147% of average.

Snowmelt peaks have already passed and streams are expected to receed unless caused to rise by rain showers.

USDA SCS-PORTLAND, OR 1981 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 3	PAST RECORD THOUSAND ACRE FEET Average +
BEAR RIVER					
Bear nr UT-Wyo. State Line	138	131	May-July	159	105
Bear nr Woodruff 1/	209	180	May-July	236	116
Woodruff Crk nr Woodruff, UT	21	140	May-July	28	15.1[b]
Big Creek nr Randolph, UT	8.7	197	May-July	--	4.4[a]
Bear nr Randolph 1/	170	211	May-July	262	82
Thomas Fork nr ID-WY State Ln	40	115	Apr-Sept	--	35
Smith's Fork nr Border, WY	121	102	Apr-Sept	--	119
Bear at Harer, Idaho 1/	468	151	Apr-Sept	688	310
Logan nr Logan 1/	125	124	May-July	153	101
Blacksmith Fork nr Hyrum	59	155	May-July	74	38
Little Bear nr Paradise	38	148	May-June	72	26
Cub River nr Preston, ID	63	147	May-July	--	43

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	14	46	149
UPPER BEAR RIVER	4	28	102
LOWER BEAR RIVER	10	51	160
LOGAN RIVER	6	53	153

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
a - Partly estimated
b - Average of all past record - less than 20 years
e - Maximum mean daily peak flow
+ - 1961-80 20 year Average Period
* - Forecast in cooperation with National Weather Service

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	1275.0	1273.5	1130.7
	Woodruff Narrows	55.8	60.6	60.6	--
	Woodruff Creek	3.5	3.5	3.6	--
LITTLE BEAR	Hyrum	15.3	15.3	11.6	14.7
	Porcupine	11.3	11.9	12.9	10.9[b]

PEAK FLOWS[e]

FORECAST POINT	PEAK FLOW (SECOND FEET) Forecast Range	PEAK FLOW (SECOND FEET) Average +
Bear nr. Ut.-Wyo. Stateline	1870-2240	1506
Woodruff Creek nr Woodruff	300-440	253
Big Creek nr Randolph	80-120	48[b]
Logan River nr Logan	990-1290	980
Little Bear nr Paradise	560-890	519

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	5/28	0	0.0	0.0	0.0[b]
Cub River R.S.	5/30	0	0.0	0.0	
Emigrant Summit	not measured				
Franklin Basin	5/30	30	16.3	33.4	10.6[a]
Garden City Summit	5/29	9	4.8	14.7	2.6
Hayden Fork	5/28	0	0.0	15.4	4.5[b]
Klondike Narrows	5/29	0	0.0	13.3	1.1[b]

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	5/29	0	0.0	0.0	0.0[b]
Little Bear Upper	5/29	0	0.0	0.0	0.0[b]
Monte Cristo	5/29	28	14.9	32.9	9.9
Salt River Summit	not measured				
Stillwater Camp	5/28	0	0.0.	4.8	0.2
Tony Grove R.S.	5/29	0	0.0	0.0	0.0

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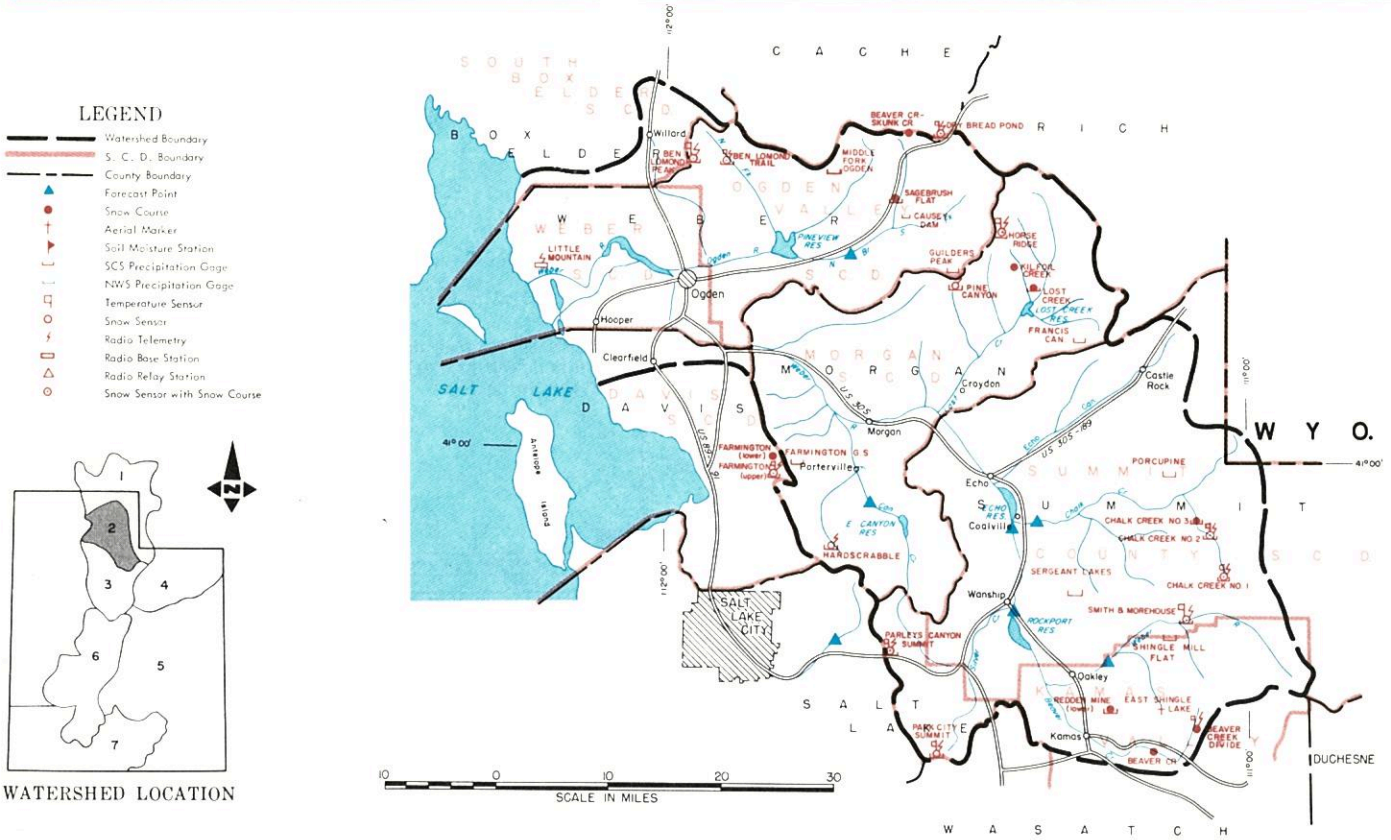
WATER SUPPLY OUTLOOK

WEBER-OGDEN WATERSHEDS in UTAH

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



June 1, 1984

THE WATER SUPPLY OUTLOOK REMAINS ABOVE AVERAGE TO WELL ABOVE AVERAGE

SNOW COVER is now 184% of the June 1 average on the Ogden Basin and 194% on the Weber Basin. Snow remains at only the higher elevations and is less than half as much as last year at this time.

PRECIPITATION at mountain stations ranged from 65% of the May average at Chalk Creek #3 on the Weber to 141% at Horse Ridge.

SOIL MOISTURE is still above average and wetter than last year at the higher elevations of the watershed.

RESERVOIR STORAGE is now 98% of capacity and 109% of average on the Ogden. The Weber is 84% of capactiy and 93% of the June 1 average. All reservoirs will fill in early June.

STREAMFLOW FORECASTS for the May-June period now range from 129% of average for the Weber at Oakley to 268% for Lost Creek. The Ogden is forecast 200% of average for the South Fork and 14% for Pineview Inflow. Weber River forecasts are as follows: 133% Rockport Inflow, 137% at Coalville, 183% for Chalk Creek, 152% for Echo Inflow, 268% for Lost Creek, 245% for East Canyon Creek, 169% for Hardscrabble Creek, and 171% for the Weber at Gateway for the May-June period. Farmington Creek is forecast 178% of the May-July period.

Snow melt peaks have been reached and all streams are receeding unless rain showers cause additional rises in early June.

USDA SCS FORT WORTH, TEXAS 1983 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	120	129	May-June	138	93
Rockport Reservoir Inflow 1/	128	133	May-June	154	96
Chalk Creek at Coalville	53	183	May-June	58	29
Weber nr Coalville 1/	134	137	May-June	167	98
Lost Creek nr Croydon, UT 1/	30	268	May-June	34	11.2[a]
East Canyon Creek nr Morgan 1/	40	245	May-June	43	16.3
Hardscrabble Crk nr Porterville	24	169	May-June	--	14.1[a]
S. Fork Ogden nr Huntsville1/	82	200	May-June	81	41[a]
Pineview Reservoir Inflow 1/	158	214	May-June	161	74[a]
Echo Reservoir Inflow 2/	182	152	May-June	190	120
Weber at Gateway 1/	383	171	May-June	474.	224
JORDAN RIVER & SALT LAKE					
Farmington Crk nr Farmington	11.9	178	May-July	--	6.7[b]

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	48	184
WEBER RIVER	13	34	194

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
a - Partly estimated
b - Average of all past record - less than 20 years
e - Maximum mean daily peak flow
+ - 1961-80 20 year Average Period
* - Forecast in cooperation with National Weather Service

RESERVOIR STORAGE (Thousand Acre Feet)

BASIN OR STREAM	RESERVOIR	Useable Capacity	USEABLE STORAGE This Year	USEABLE STORAGE Last Year	USEABLE STORAGE Average+
OGDEN	Causey	6.9	7.1	7.1	6.3[b]
	Pineview	110.1	108.2	106.4	99.2
WEBER	East Canyon	48.1	46.6	49.7	46.8[b]
	Echo	73.9	63.8	73.4	65.6
	Lost Creek	20.0	20.2	21.3	19.1[b]
	Rockport	60.9	53.4	53.2	47.2
	Willard Bay	193.3	152.7	167.5	181.0[b]

PEAK FLOWS e

FORECAST POINT	PEAK FLOW (SECOND FEET) Forecast Range	PEAK FLOW (SECOND FEET) Average +
South Fork Ogden nr Huntsville	1200-1560	763
Chalk Creek nr Coalville	750-1090	510
Weber nr Oakley	1710-2170	1540

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.	5/28	0	0.0	0.0	0.0[b]
Beaver Creek-Skunk Creek	5/29	0	0.0	0.0	0.0[b]
Ben Lomond Peak	5/29	52	32	53.2	16.0[a]
Ben Lomond Trail	5/29	0	0.0	0.0	0.0
Chalk Creek #1	5/28	25	13.4	30.1	12.9[a]
Chalk Creek #2	5/28	0	0.0	11.0	1.3[a]
Chalk Creek #3	5/28	0	0.0	0.0	0.0[b]
Dry Bread Pond	5/29	4	2.0	17.0	2.4[b]

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	5/29	14	7.8	18.1	1.9[b]
Lost Creek Reservoir	5/29	0	0.0	0.0	0.0[b]
Monte Cristo	5/29	28	14.9	32.9	9.9
Parleys Canyon Summit	5/30	0	0.0	6.7	0.7[a]
Sagebrush Flat	5/29	0	0.0	0.8	0.0[b]
Smith & Morehouse	5/28	0	0.0	3.0	0.4[a]
Trial Lake	5/29	31	17.3	35.5	19.7[b]

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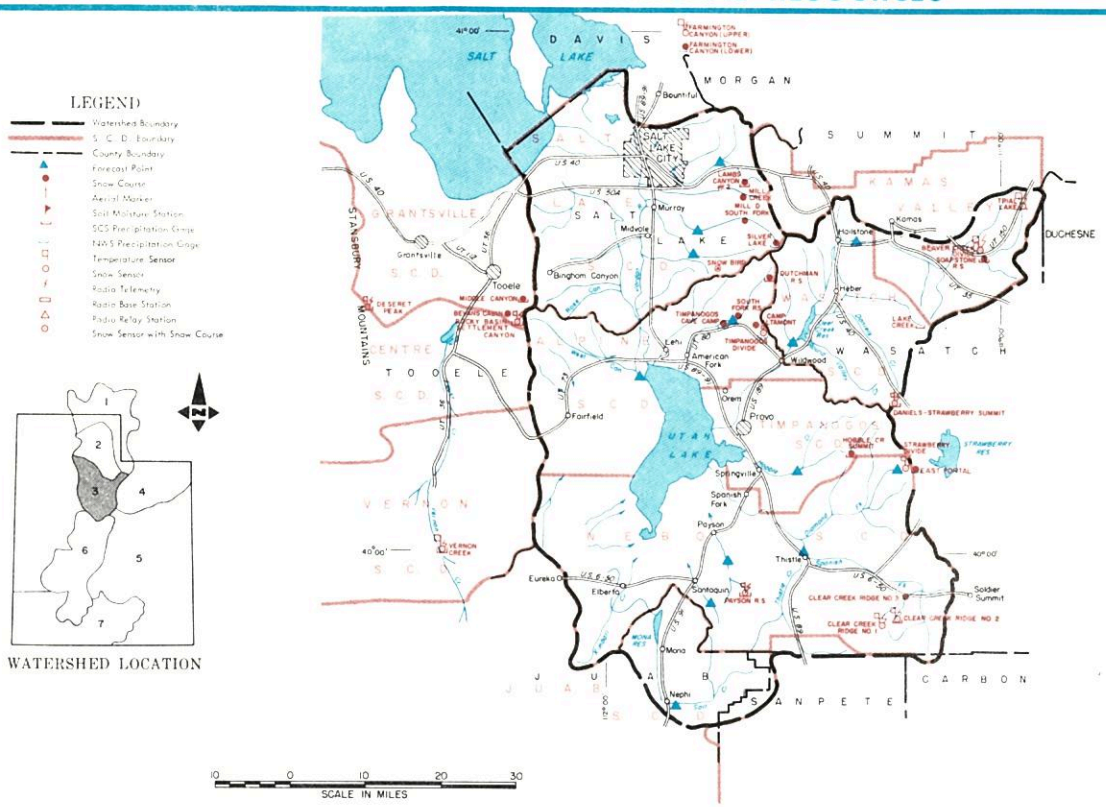
WATER SUPPLY OUTLOOK

UTAH LAKE, JORDAN RIVER and TOOELE VALLEY WATERSHEDS in UTAH

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



JUNE 1, 1984

THE WATER SUPPLY OUTLOOK IS WELL ABOVE AVERAGE

SNOW COVER ranges from 82% of the June 1st average on Provo River to 118% along the Salt Lake Front. Utah Lake tributaries are 97% of average.

PRECIPITATION at mountain stations ranged from 49% of the May average at Vernon Creek to 138% at Payson Ranger Station.

SOIL MOISTURE at higher elevations is above average and wetter than last year.

RESERVOIR STORAGE is above average. Utah Lake is now 5.2 feet above compromise and Great Salt Lake 4208.80 feet above sea level. Strawberry is still spilling.

STREAMFLOW FORECASTS range from 147% on Little Cottonwood and South Willow to 338% on Hobble Creek for the May-July period. The Provo River is forecast 170% at Hailstone and 191% at Deer Creek Dam. American Fork is forecast 176%, Spanish Fork 290%, Payson Creek 317%, Strawberry Inflow 228% and Utah Lake Inflow 316% of average.

Big Cottonwood Creek is forecast 164%, Mill Creek 255%, Parleys Creek 268%, Emigration Creek 320%, City Creek 216%, Settlement Creek 254%, and Vernon Creek 306% of average. Snowmelt peak flows have occurred on all streams by the time you receive this publication.

USDA SCS FORT WORTH, TEXAS 1983 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 3	PAST RECORD THOUSAND ACRE FEET Average +
PROVO RIVER AND UTAH LAKE					
Provo nr Hailstone 1/	160	170	May-July	151	94
Provo below Deer Creek Dam1/	185	191	May-July	--	96
American Fork nr American Fk.	50	176	May-July	--	28
Hobble Creek nr Springville	45	338	May-July	--	13.3
Strawberry Reservoir Inflow1/	98	228	May-July	141	43
Spanish Fork at Thistle	90	290	May-July	--	28
Payson Creek nr Payson	14	317	May-July	--	4.4
Utah Lake Inflow	525	316	May-July	610	166
JORDON RIVER & SALT LAKE					
Little Cottonwood Crk nr SLC	53	147	May-July	61	36
Big Cottonwood nr SLC	54	164	May-July	57	33
Parley's Creek nr SLC	30	268	May-July	35	11.3
Mill Creek nr SLC	13.0	255	May-July	12.1	5.0
Emigration Creek nr SLC	8.0	320	May-July	10.4	2.5
City Creek nr SLC	14.5	216	May-July	19.7	6.6
TOOELE VALLEY					
Settlement Crk nr Tooele	5.3	254	May-July	--	2.1[b]
S. Willow Crk nr Grantsville	4.0	147	May-July	3.9	2.7[b]
Vernon Creek nr Vernon	1.6	306	May-June	3.5	0.5[b]

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	9	22	97
JORDON RIVER & SALT LAKE	5	26	118
TOOELE VALLEY & VERNON CREEK	3	47	82

1 - Observed flow corrected for change in storage and diversions
3 - Provisional flows - subject to correction
a - Partly estimated
b - Average of past record - less than 20 years
+ - 1961-80 20 year average period
e - Maximum mean daily peak flow
* - Forecast in cooperation with National Weather Service

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	295.4	294.9	180.4
UTAH LAKE	Utah Lake	883.9	1415.8	1269.6	--
	Settlement Creek	1.2	1.2	1.2	1.0[b]
	Vernon Creek	0.6	0.6	0.6	0.5[b]
PROVO	Deer Creek	149.7	148.0	140.6	135.9

PEAK FLOWS[e]

FORECAST POINT	PEAK FLOW (SECOND FEET) Forecast Range	PEAK FLOW (SECOND FEET) Average +
Big Cottonwood nr Salt Lake City	600-700	442
Little Cottonwood nr Salt Lake City	650-750	384
Provo Near Hailstone	2400-2800	2128
Spanish Fork nr Thistle	1400-1600	451[b]
American Fork nr American Fork	600-700	329
Mill Creek nr Salt Lake City	110-130	59
Parley's Creek nr Salt Lake City	350-400	153
City Creek nr Salt Lake City	125-150	75
Emigration	150-175	--

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		not measured			
Clear Creek #1	5/27	11.3	5.4	23.4	2.8[a]
Clear Creek #2	5/27	0	0.0	11.4	0.2[b]
Clear Creek #3	5/27	0	0.0	0.0	0.0[a]
Daniels-Strawberry Summit	5/27	0	0.0	11.0	0.2[a]
Deseret Peak		not measured			
Hobble Creek Summit	5/27	0	0.0	6.7	0.0[b]
Lambs Canyon #2	5/31	0	0.0	7.7	0.5[b]
Middle Canyon		not measured			
Mill Creek	5/30	18	9.4	24.3	5.1[a]

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	5/30	0	0.0	19.0	2.4[a]
Parley's Canyon Summit	5/30	0	0.0	6.7	0.7[a]
Payson R.S.	5/25	12	5.6	22.4	0.7[b]
Rocky Basin-Settlement Canyon		not measured			
Silver Lake Brighton	5/30	19	14.2	41.0	12.0[b]
Soapstone R.S.	5/28	0	0.0	0.0	0.2[a]
South Fork R.S.		not measured			
Timpanogos Divide	6/1	0	0.0	24.1	4.3[b]
Trial Lake	5/29	31	17.3	35.5	19.7[b]
Vernon Creek	6/1	0	0.0	0.0	0.0[b]

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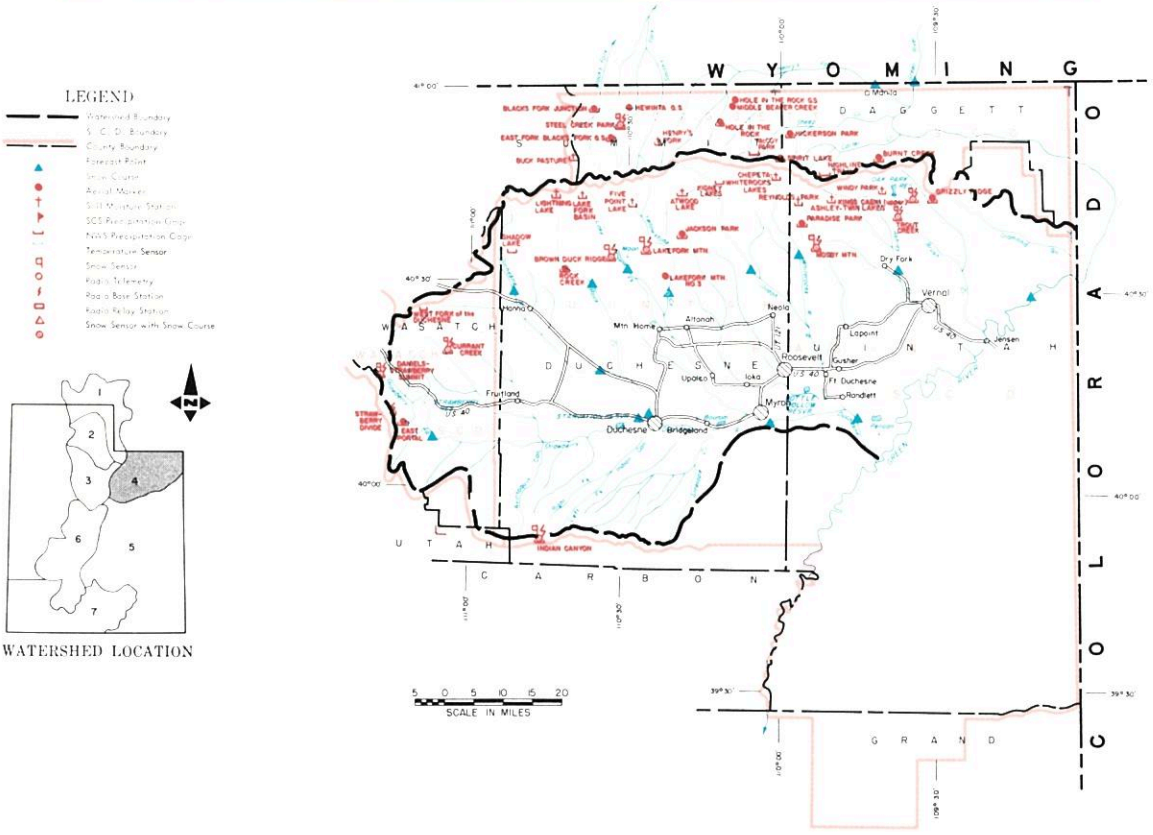
WATER SUPPLY OUTLOOK

UINTAH BASIN and DAGGETT SCD's in UTAH

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



JUNE 1, 1984

THE WATER SUPPLY OUTLOOK IS NEAR AVERAGE TO ABOVE AVERAGE

SNOW COVER ranges from no snow on the courses on Strawberry, Uintah-Whiterocks, Ashley, and Sheep Creeks to 91% of the June 1 average on Black's Fork. Lakefork-Yellowstone is 39%, and Rock Creek is 90% of average.

PRECIPITATION at mountain stations ranged from 43% of the May average at Mosby Mountains to 130% at Daniels-Strawberry Summit. Most sites were never 50% of the May average.

SOIL MOISTURE at higher elevations is above average.

RESERVOIR STORAGE is above average with Moon Lake and Steinaker full and spilling.

STREAMFLOW FORECASTS for the May-July period now range from 98% of average for Ashley Creek to 183% for the Duchesne at Myton. Other Duchesne River forecasts are as follows: 123% for West Fork, 119% at Tabiona, 117% at Duchesne, and 178% at Randlett.

Strawberry River is forecast 164%, Current Creek 181%, Rock Creek 102%, Lakefork Creek 110%, Yellowstone Creek 100%, Unitah River 116%, and Whiterocks River 112% of average.

Henry's Fork is forecast 134% and Black's Fork 136% of average. Flaming Gorge Inflow is forecast 116% of the May-July average.

Most streams have already had their snow melt peaks and will start their normal recession, barring any rain caused peaks, in a week or two.

USDA-SCS-PORTLAND, OR 1980 M17-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 3	PAST RECORD THOUSAND ACRE FEET Average +
DUCHESNE RIVER					
Duchesne nr Tabiona 1/	114	191	May-July	132	96
Duchesne at Duchesne 1/	205	117	May-July	278	175
Strawberry at Duchesne	79	164	May-July	162	48
Rock Creek nr Mtn. Home	95	102	May-July	--	88
Currant Creek nr Fruitland	30	181	May-July	49	16.6
Lakefork below Moon Lake 1/	74	110	May-July	--	67
Yellowstone nr Altonah	61	100	May-July	--	61
Duchesne at Myton 1/	340	183	May-July	--	186
Whiterocks nr Whiterock	63	112	May-July	95	56
Uintah nr Neola	94	116	May-July	--	81
Duchesne at Randlett 1/	411	178	May-July	--	231
West Fork Duchesne at Hanna	30	123	May-July	--	24
FLAMING GORGE TO DUCHESNE RIVER					
Henry's Fork nr Manila	58	134	May-Sept	152	43
Black's Fork nr Millburne	118	136	May-July	144	87
Flaming Gorge Inflow 1/	1250	116	May-July	1936	1080
Ashley Creek nr Vernal	48	98	May-July	--	49

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	14	18	50
LAKEFORK-YELLOWSTONE CREEKS	6	19	39
STRAWBERRY RIVER	5	0	0
UINTAH - WHITEROCKS RIVERS	3	0	0
ASHLEY CREEK	3	0	0
BLACK'S FORK	4	26	91
SHEEP CREEK	3	0	0
ROCK CREEK	3	52	90

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
a - Partly estimated
b - Average of all past record - less than 20 years
e - Maximum mean daily peak flow
+ - 1961-80 20 year Average Period
* - Forecast in cooperation with National Weather Service

RESERVOIR STORAGE (Thousand Acre Feet)

BASIN OR STREAM	RESERVOIR	Useable Capacity	USEABLE STORAGE This Year	USEABLE STORAGE Last Year	USEABLE STORAGE Average+
ASHLEY CREEK	Red Fleet	26.0	25.0	23.9	--
	Steinaker	33.3	33.3	29.0	26.9[b]
GREEN RIVER	Flaming Gorge	3749.0	3280.0	3416.0	--
LAKE FORK	Moon Lake	35.8	35.8	32.1	18.0
STRAWBERRY	Currant Creek	15.5	5.0[a]	4.0	--
	Starvation	165.3	149.6	165.9	128.9[b]
	Soldier Creek	951.4	120.0	90.5	--
UINTAH	Bottle Hollow	11.3	11.3[a]	11.1	--

PEAK FLOWS[e]

FORECAST POINT	PEAK FLOW (SECOND FEET) Forecast Range	PEAK FLOW (SECOND FEET) Average +
Strawberry at Duchesne	920-1330	675
Ashley Creek nr Vernal	820-1080	966
Rock Creek nr. Mtn. Home	1380-1690	1415

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 +
Brown Duck Ridge	5/28	25	10.6	26.9	15.3[a]
Burnt Creek	5/31	0	0.0	0.0	0.3[b]
Currant Creek	5/21	0	0.0	0.0	0.0[b]
Daniels-Strawberry	5/27	0	0.0	11.0	0.2[a]
Grizzly Ridge	5/31	0	0.0	0.0	1.0[b]
Hewinta G. S.	5/28	0	0.0	11.6	2.0[b]
Hickerson Park	5/28	0	0.0	14.7	0.1[b]
Jackson Park	5/28	0	0.0	20.4	8.8[a]
Kings Cabin Upper	5/28	0	0.0	8.4	1.0[b]

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 +
Lakefork Mountain #1	5/28	0	0.0	17.9	3.6[b]
Mosby Mountain	5/28	0	0.0	19.0	3.2[b]
Paradise Park	5/28	0	0.0	25.4	7.3[b]
Rock Creek Ranch	5/28	0	0.0	0.0	0.0[a]
Spirit Lake	5/28	0	0.0	26.5	7.3[b]
Steel Creek Park	5/28	34	14.5	25.9	11.9[a]
Strawberry Divide	5/31	0	0.0[a]	--	0.0[b]
Trout Creek	5/28	0	0.0	14.2	1.5[b]

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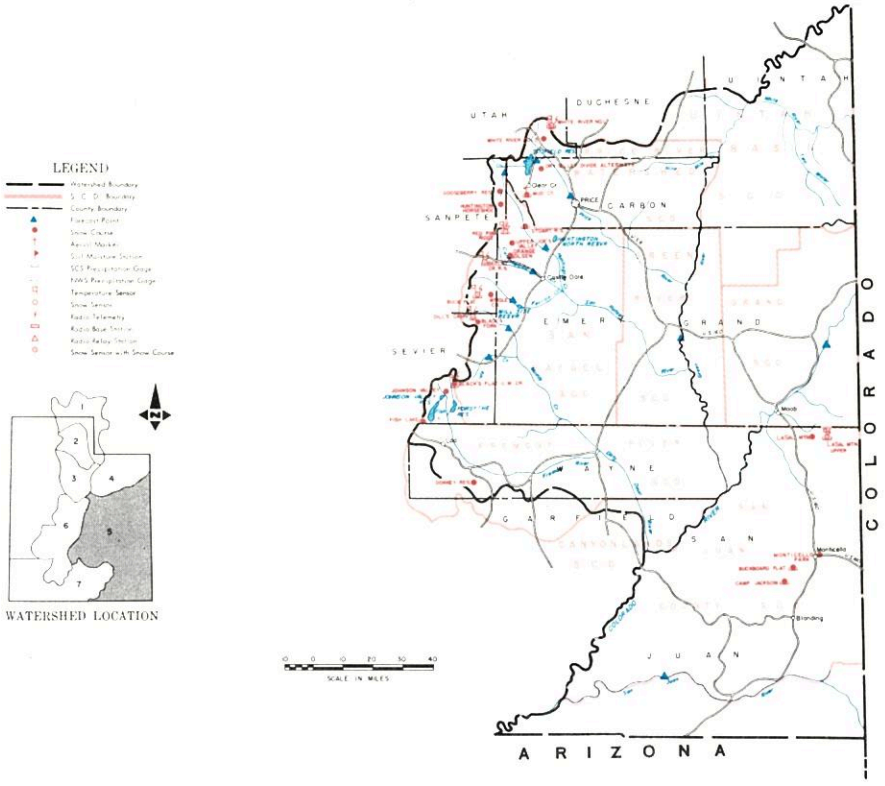
WATER SUPPLY OUTLOOK

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

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



JUNE 1, 1984

THE WATER SUPPLY OUTLOOK IS WELL ABOVE AVERAGE

SNOW COVER ranges from no snow on the Price, Muddy, Fremont, LaSal, and Blues to 184% of the June 1 average on the San Rafael tributaries. Only elevations above 9,000 feet still have snow.

PRECIPITATION at mountain stations ranged from 28% of the May average at Camp Jackson on the Blue Mountains to 152% at Red Pine Ridge on the San Rafael.

SOIL MOISTURE is above average except on the Blue Mountains.

RESERVOIR STORAGE is above average with most reservoirs full and spilling.

STREAMFLOW FORECASTS range from 120% for Navajo Inflow to 237% for Cottonwood Creek. Price River forecasts are 229% for Scofield Inflow, 223% for Price at Heiner. Huntington Creek is forecast 213%, Ferron Creek 221% Muddy Creek 200%, Sevenmile Creek 210%, and Mill Creek 155% of the May-July average. Colorado River is forecast 235% at Cisco, Green River 166%, and San Juan 139% of average.

USDA SCS FORT WORTH, TEXAS 1983 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	PAST RECORD THOUSAND ACRE FEET Average +
PRICE RIVER					
Gooseberry Crk nr Scofield	22.0	220	May-July	--	10.0
Scofield Reservoir Inflow	76	229	May-July	166	33
Price nr Heiner 1/	125	223	May-July	--	56
SAN RAFAEL RIVER					
Huntington Crk nr Huntington	94	213	May-July	--	43[b]
Cottonwood Crk nr Orangeville	102	237	May-July	151	43[b]
Ferron Creek nr Ferron	75	221	May-July	73	34
MUDDY CREEK					
Muddy Creek nr Emery	34	200	May-July	43	16.8
UPPER COLORADO BASIN					
Colorado nr Cisco, UT	6200	235	May-July	6368	2638
Green at Green River, UT	4300	166	May-July	5134	2594
Mill Creek nr Moab	7.3	155	May-July	11.9	4.7[b]
Navajo Reservoir Inflow	695	120	May-July	--	540
San Juan nr Bluff, UT	1100	139	May-July	953	793
FREMONT RIVER					
Seven Mile Crk nr Fish Lake	12.2	210	May-July	23	5.8[b]

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	4	0	0
SAN RAFAEL RIVER	8	42	184
FREMONT RIVER	3	0	0
LASAL MOUNTAINS	2	0	0
BLUE MOUNTAINS	3	0	0
MUDDY RIVER	2	0	0

1 - Observed flow corrected for change in storage and diversions
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e - Maximum mean daily peak flow
+ - 1961-80 20 year Average Period
* - Forecast in cooperation with National Weather Service

RESERVOIR STORAGE (Thousand Acre Feet)

BASIN OR STREAM	RESERVOIR	Useable Capacity	USEABLE STORAGE This Year	USEABLE STORAGE Last Year	USEABLE STORAGE Average+
PRICE RIVER	Scofield	65.8	72.0+	52.4	53.8
SAN RAFAEL	Huntington North	3.9	3.9[a]	3.9[a]	--
	Joe's Valley	54.6	56.6	--	54.5[b]
	Mill Site	16.7	16.7	45.4	--
SAN JUAN	Navajo	1696.0	1573.0	1444.0	--
	Kens Lake	2.3	2.3	2.2	--

PEAK FLOWS

FORECAST POINT	PEAK FLOW (SECOND FEET) Forecast Range	PEAK FLOW (SECOND FEET) Average +
Ferron Creek near Ferron	860-1020	444
Muddy Creek near Emery	280-400	168
Huntington Cr. near Huntington	1100-1300	516[b]

SNOW

DRAINAGE BASIN and/or SNOW COURSE NAME	THIS YEAR Date of Survey	Snow Depth (Inches)	Water Content (Inches)	PAST RECORD Water Content (Inches) Last Year	PAST RECORD Water Content (Inches) Average +
Buck Flat	5/26	17	9.1	27.7	4.1[b]
Buckboard Flat	5/30	0	0.0	8.4	0.4[b]
Camp Jackson	5/30	0	0.0	7.4	0.0[b]
Dills Camp	5/26	0	0.0	13.0	0.9[a]
Dry Valley Divide Alternate	5/27	0	0.0	4.1	0.0[b]
Huntington-Horseshoe	5/27	44	23.8	50.1	19.6[a]
Indian Canyon	5/27	0	0.0	17.4	1.4[b]
LaSal Mtn. Upper	5/31	0	0.0	26.1	2.7[a]
Mammoth-Cottonwood R.S.	5/27	20	11.2	37.1	4.8[b]

SNOW

DRAINAGE BASIN and/or SNOW COURSE NAME	THIS YEAR Date of Survey	Snow Depth (Inches)	Water Content (Inches)	PAST RECORD Water Content (Inches) Last Year	PAST RECORD Water Content (Inches) Average +
Monticello City Park	5/30	0	0.0	0.0	0.0[b]
Mud Creek	5/27	0	0.0	8.1	0.0[b]
Red Pine Ridge	5/27	14	6.9	22.7	1.8[b]
Seeley Creek	5/26	42	22.4	32.9	8.2[a]
Stuart R.S.	5/27	0	0.0	0.0	0.0[b]
Upper Joe's Valley	5/27	0	0.0	4.7	0.0[b]
White River #1	5/27	0	0.0	12.3	0.3[b]
White River #3	5/27	0	0.0	0.0	0.0[b]
Wrigley Creek	5/26	0	0.0	8.7	0.0[b]

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WATER SUPPLY OUTLOOK

SEVIER RIVER BASIN including BEAVER RIVER in UTAH

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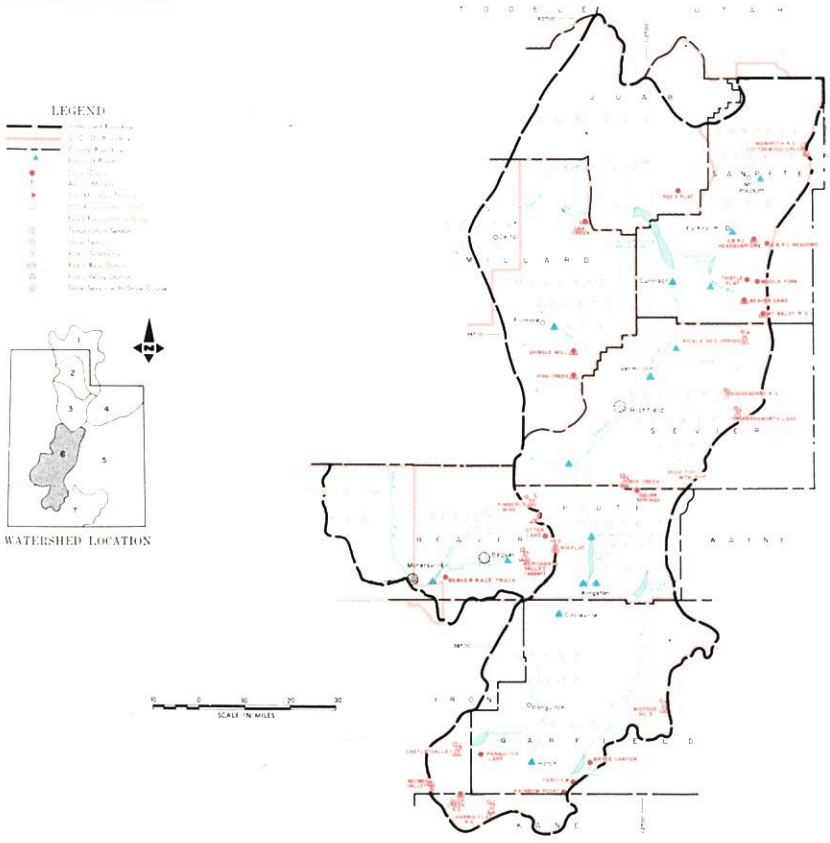
UTAH STATE DEPARTMENT OF NATURAL RESOURCES



JUNE 1, 1984

THE WATER SUPPLY OUTLOOK IS NEAR AVERAGE TO WELL ABOVE AVERAGE

SNOW COVER ranges from 60% of the June average on the South Fork to 255% on the Lower Sevier. Beaver River snow cover is 122% of the June 1 average.

PRECIPITATION at mountain stations varied from 9% of the May average at Duck Creek R.S. to 140% at G.B.R.C. Meadows on Ephraim Creek.

SOIL MOISTURE is drier than average on the headwaters of the Sevier but wetter than average on the Beaver and Lower Sevier.

RESERVOIR STORAGE is above average with most reservoirs full and spilling.

STREAMFLOW FORECASTS range from 112% of the May-July average for the Sevier at Hatch to 1070% for the Sigurd to Gunnison reach. Other Sevier River forecasts are as follows: 144% at Circleville, 159% at Kingston, 281% Antimony Creek, 240% for East Fork, 278% for Clear Creek, 267% for Kingston to Vermillion, 805% for Vermillion to Gunnison, 926% for Salina Creek, 773% for Sevier near Gunnison.

Chalk Creek is forecast 616%, Oak Creek 173%, Chicken Creek 250%, Ephraim Creek 780%, Pleasant Creek 755%, and Salt Creek 225% of the May-July average.

Beaver River is forecast 243% near Beaver, 233% for North Creeks, and 393% for Minersville Inflow.

All streams have reached their snowmelt peaks by this time and are expected to receed but many are expected to have higher summer flow than usual because of the high peaks.

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	47	112	May-July	129	42
Sevier nr Circleville	44	144	May-July	--	30
Sevier nr Kingston	35	159	May-July	121	22
Antimony Crk nr Antimony	16.0	281	May-July	--	5.7
East Fork Sevier nr Kingston1/	30	240	May-July	--	12.5
Sevier below Piute Dam	65	195	May-July	--	33
Clear Crk nr Sevier (abv Div)	45	278	May-July	--	16.2
Sigurd to Gunnison	230	1070	May-July	297	16.6
Kingston to Vermillion Dam	75	267	Apr-June	--	28
Vermillion Dam to Gunnison	285	805	Mar-June	--	19.0
Salina Creek at Salina	100	926	May-June	--	10.8
Sevier nr Gunnison	320	773	May-July	--	41
Chalk Creek nr Fillmore	81	616	May-July	--	13.2[b]
Chicken Creek nr Levan	7.0	250	May-July	21	2.8[b]
Oak Cr. nr Oak City	1.9	173	May-July	3.5	1.1[b]
Ephraim Creek nr Ephraim	65	780	May-July	--	8.3
Pleasant Crk nr Mt. Pleasant	37	755	May-July	--	4.9
Salt Creek nr. Nephi	24	225	May-July	--	10.8
Beaver nr Beaver	51	243	May-July	70	21
North Creek (Combined)	34	233	May-July	--	12.7[a]
Minersville Inflow	30	393	May-June	--	7.7

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
UPPER SEVIER RIVER			
East Fork Sevier	4	8	131
South Fork Sevier	6	9	60
LOWER SEVIER	11	49	255
BEAVER RIVER	4	33	122

1 - Observed flow corrected for change in storage and diversions
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a - Partly estimated
b - Average of all past record - less than 20 years
e - Maximum mean daily peak flow
+ - 1961-80 20 year Average Period
* - Forecast in cooperation with National Weather Service

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	18.2[a]	18.2	13.4[b]
	Otter Creek	52.5	52.7	52.7	40.3
	Piute	71.8	70.7	71.8	39.0
	Sevier Bridge	236.0	248.0	236.1	112.3
	Panguitch Lake	22.3	22.3[a]	23.0[a]	--
BEAVER RIVER	Minersville (Rky Fd)	26.0	24.0	23.3	13.4

PEAK FLOWS

FORECAST POINT	PEAK FLOW (SECOND FEET) Forecast Range	PEAK FLOW (SECOND FEET) Average +
Beaver River nr Beaver	530-800	257
Sevier River at Hatch	450-650	484
Sevier River nr Kingston	400-600	312
Clear Creek nr Sevier	350-450	226
Salina Creek nr Salina	800-1000	285

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 +
Big Flat	5/25	40	19.5	35.7	14.1[b]
Bryce Canyon	5/31	0	0.0[a]	--	--
Castle Valley	5/25	0	0.0	13.5	0.0[b]
Duck Creek	5/26	0	0.0	11.3	0.5[a]
Farnsworth Lake	5/26	54	26.3	33.8	14.0[a]
Gooseberry R.S.	5/26	0	0.0	10.8	0.8[b]
Harris Flat	5/26	0	0.0	11.3	0.5[a]
Kimberly Mine	5/25	18	9.5	27.4	3.2[b]

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 +
Long Valley Junction	5/26	0	0.0	0.0	0.0[b]
Merchants Valley Upper	5/25	0	0.0	17.5	0.5[a]
Midway Valley	5/25	0	0.0	44.9	12.1[b]
Oak Creek	5/25	0	0.0	16.1	0.0[a]
Otter Lake	5/25	14	6.2	24.8	6.4[a]
Pickle Keg Springs	5/26	23	13.2	25.1	1.6[a]
Pine Creek	5/25	32	16.3	33.9	1.9[a]
Widtsoe-Escalante #3	5/26	0	0.0	11.5	0.9[a]

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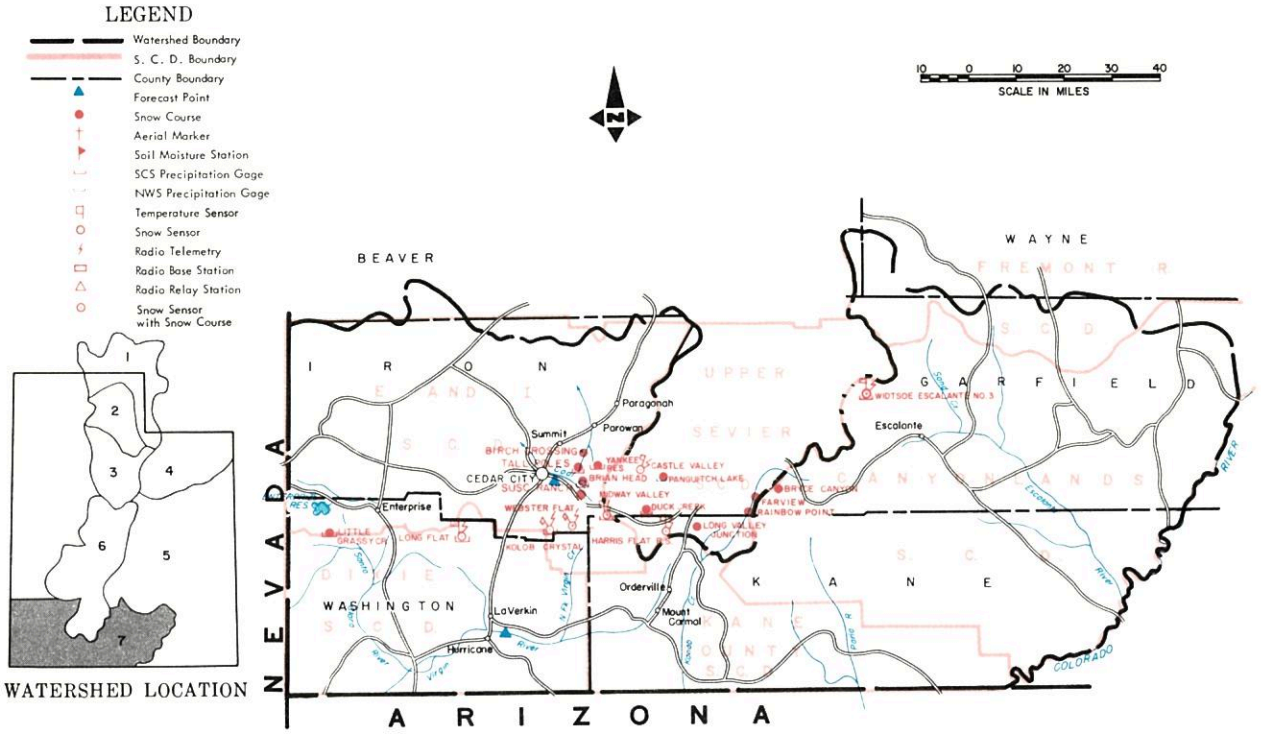
WATER SUPPLY OUTLOOK

EAST GARFIELD, KANE, WASHINGTON and IRON COUNTIES in UTAH

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



JUNE 1, 1984

THE WATER SUPPLY OUTLOOK IS BELOW AVERAGE ON VIRGIN RIVER AND NEAR AVERAGE ON COAL CREEK

SNOW COVER was present at only Brian Head snow course when measurements were taken May 25th and it had only 22% of its June 1 average and 7% of last year at this time.

PRECIPITATION at mountain stations varied from 7% of the May average at Little Grassy to 85% at Webster Flat.

SOIL MOISTURE is below average.

RESERVOIR STORAGE in Lake Powell is less than last year with 1,912,000 acre feet yet to fill. Smaller reservoirs are reported as not full and below average for June 1.

STREAMFLOW FORECASTS range from 54% of average for Santa Clara Creek to 196% for Lake Powell Inflow. Virgin River is forecast 65% of average at Hurricane and Coal Creek 123% of the May-July average.

Water users in this area without reservoir storage are expected to have short water supplies by mid-season this year.

USDA-SCS-FORT WORTH, TEXAS 1983 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 3	PAST RECORD THOUSAND ACRE FEET Average +
VIRGIN RIVER					
Virgin nr Hurricane	20.0	65	May-June	171	38
Santa Clara nr Pine Valley	2.2	54	May-June	--	4.1
COAL CREEK					
Coal Creek nr Cedar City	19.0	123	May-July	54	15.4
UPPER COLORADO					
Lake Powell Inflow	12700	196	May-July	13400	6475

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	0	0
VIRGIN RIVER	3	0	0
PAROWAN CREEK	2	6	19
ENTERPRISE - NEW HARMONY	2	0	0
ESCALANTE RIVER	1	0	0

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
a - Partly estimated
b - Average of all past record - less than 20 years
e - Maximum mean daily peak flow
+ - 1961-80 20 year Average Period
* - Forecast in cooperation with National Weather Service

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	23090.0	24216.0	--
	Blue Mesa	829.5	653.0	562.0	--

PEAK FLOWS e

FORECAST POINT	PEAK FLOW (SECOND FEET) Forecast Range	PEAK FLOW (SECOND FEET) Average +
Coal Creek nr Cedar City	300-400	220
Virgin nr Hurricane	650-1000	1092

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	5/31	0	0.0	0.0	0.0[b]
Brian Head	5/25	6	2.4	32.3	10.6[b]
Harris Flat	5/26	0	0.0	0.0	0.0[b]
Kolob-Crystal	5/25	0	0.0	34.5	9.0[a]
Little Grassy	5/25	0	0.0	0.0	0.0[b]
Long Flat	5/25	0	0.0	0.0	0.0[b]

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	5/26	0	0.0	0.0	0.0[b]
SUSC Ranch	5/31	0	0.0	0.0	0.0[b]
Tall Poles	5/31	0	0.0	16.3	1.5[b]
Webster Flat	5/25	0	0.0	32.1	2.9[b]
Yankee Reservoir	5/25	0	0.0	7.1	0.0[b]

UNITED STATES DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE
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SNOW — PRECIPITATION (Inches)

DRAINAGE BASIN and/or SNOW COURSE NAME	SNOW: THIS YEAR Date of Survey	Snow Depth (inches)	Water Content (inches)	SNOW: PAST RECORD Water Content (inches) Last Year	Average †	PRECIPITATION: 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	5/28	0	0.0	0.0	0.0[b]	5/28	1.39	2.32[b]	14.66	13.99[b]	105
CCC Camp	not measured										
Hayden Fork	5/28	0	0.0	15.4	4.5[b]	5/28	2.80[a]	3.02[b]	28.99[a]	27.16	107
Monte Cristo R.S.	5/29	28	14.9	32.9	9.9	5/29	3.91	2.83	37.06	34.00	109
Salt River Summit	not measured										
Stillwater Camp	5/28	0	0.0	4.8	0.2[b]	5/28	1.25	2.22	19.79	17.32	114
Lily Lake	5/28	0	0.0	13.4	--	5/28	2.14		24.77		
LOWER BEAR RIVER (Below Harer, Idaho)											
Bug Lake	5/29	8	4.8	16.1	0.2[a]	5/29	1.39	--	26.54[a]	--	--
Cub River R.S.	5/30	0	0.0	0.0							
Emigrant Summit											
Franklin Basin	5/30	30	16.3	33.4	10.6[a]	5/30	6.00	--	47.31[a]	--	--
Garden City Summit	5/29	9	4.8	14.7	2.6	5/29	2.39	2.14	28.70	24.47	117
Klondike Narrows	5/29	0	0.0	13.3	1.1[b]	5/29	2.71	2.75	30.26	29.20[b]	104[a]
Little Bear (lower)	5/29	0	0.0	0.0	0.0[b]						
Little Bear (upper)	5/29	0	0.0	0.0	0.0[b]	5/30	2.92	--	35.09	--	--
Slug Creek Divide											
Steep Hollow #1	5/30	60	34.8	48.4	24.9[b]						
Steep Hollow #2	5/30	18	9.9	27.7	7.0[b]						
Tony Grove Lake	5/29	53	29.9	40.8	16.3[a]	5/29	6.19	--	52.81[a]	--	--
Tony Grove R.S.	5/29	0	0.0	0.0	0.0[b]	5/29	2.43	1.56[b]	29.75	29.97[b]	99
Willow Flat	5/30	0	0.0	0.0	--	5/30	3.17	2.85[b]	37.53	30.36	124
OGDEN RIVER											
Beaver Creek-Skunk Creek	5/29	0	0.0	0.0	0.0[b]						
Ben Lomond Peak	5/29	52	32.0	53.2	16.0[a]	5/30	3.63[a]		74.49[a]		
Ben Lomond Trail	5/29	0	0.0	0.0	0.0	5/30	3.24	3.05[b]	45.83[a]	37.17[b]	123
Causey Dam	5/29	0	0.0	0.0		5/29	2.06	1.86[b]	20.49	18.50	111
Dry Bread Pond	5/29	4	2.0	17.0	2.4[b]	5/29	3.31	2.62[b]	34.31[a]	27.90	123[a]
Sagebrush Flat	5/29	0	0.0	0.0	0.0[b]	5/29	2.12	1.75[b]	18.31	18.58	99
WEBER RIVER											
East Shingle Lake (A)	5/31	30	16.8	37.5	--						
Beaver Creek R. S.	5/28	0	0.0	0.0	0.0[b]						
Chalk Creek #1	5/28	25	13.4	30.1	12.9[a]	5/28	2.94[a]	--	35.65[a]	--	--
Chalk Creek #2	5/28	0	0.0	11.0	1.3[a]	5/28	2.19[a]	2.25	23.82[a]	19.64	121
Chalk Creek #3	5/28	0	0.0	0.0	0.0[b]	5/28	1.42	2.17[b]	23.32	17.76[b]	131
Farmington Canyon (lower)	5/28	26	14.5	33.0	0.0[b]	5/28	5.30	4.32	45.98	38.24	120
Farmington Canyon (upper)	5/29	47	26.7	51.8	12.0[b]	5/28	5.38[a]	6.24[a]	50.25[a]	46.13[a]	108
Farmington G.S.	5/28	0	0.0	34.7[a]	--	5/28	4.80	5.20[b]	42.04[a]	38.44	109
Horse Ridge	5/29	14	7.8	18.1	1.9[b]	5/28	3.70	2.62[b]	37.98	31.00	122
Kilfoil Creek	5/29	0	0.0	1.6	0.1[b]						
Lost Creek Reservoir	5/29	0	0.0	0.0	0.0[b]	5/29	2.41	--	17.41	--	--
Park City Summit	not measured			32.2[a]	--						
Parley's Canyon Summit	5/30	0	0.0	6.7	0.7[a]	5/30	2.37	2.80	36.01	30.38	119
Pine Canyon	5/30	0	0.0	12.6	0.0						
Redden Mine (lower)	5/28	1	0.4	18.2	3.0[a]	5/28	1.63	--	24.77	--	--
Sargeant Lakes	5/31	0	0.0	6.0	--						
Smith & Morehouse	5/28	0	0.0	3.0	0.4[a]	5/28	1.80	2.46	25.77	24.47	105
Hardscrabble	5/28	0	0.0	12.6	--						
PROVO RIVER & UTAH LAKE											
Beaver Creek Divide	5/28	0	0.0	0.6	1.1[a]	5/28	3.44		28.00[a]		
Clear Creek Ridge #1	5/27	11.3	5.4	23.4	2.8[a]	5/27	2.00[a]	--	31.00[a]	--	--
Clear Creek Ridge #2	5/27	0	0.0	11.4	0.2[b]	5/27	1.43	2.01	25.51[a]	21.38	119
Clear Creek Ridge #3	5/23	0	0.0	0.0	0.0[a]						
Hobble Creek Summit	5/27	0	0.0	6.7	0.0[b]	5/27	1.41	2.15	27.84[a]	22.54	124
Payson R.S.	5/25	12	5.6	22.4	0.7[b]	5/25	2.74	1.98	32.99	23.51	140
Soapstone R.S.	5/28	0	0.0	0.0	0.2[a]	5/28	1.44	20.5	25.39	21.84	116
South Fork R.S.	not measured										
Timpanogos Divide	6/1	0	0.0	24.1	4.3[b]	6/1	2.00[a]	2.78	33.04[a]	32.17	103
Trial Lake	5/29	31	17.3	35.5	19.7[b]	5/29	2.35	2.72	34.63	31.45	110

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† 1958-1972 period

SNOW

PRECIPITATION (Inches)

DRAINAGE BASIN and/or SNOW COURSE NAME	SNOW: THIS YEAR Date of Survey	SNOW: THIS YEAR Snow Depth (inches)	SNOW: THIS YEAR Water Content (inches)	SNOW: PAST RECORD Water Content (inches) Last Year	SNOW: PAST RECORD Water Content (inches) Average †	PRECIPITATION: CURRENT INFORMATION Date of Reading	PRECIPITATION: CURRENT INFORMATION Month's Precipitation	PRECIPITATION: CURRENT INFORMATION Average †	PRECIPITATION: FROM APPROX. OCT 1 TO DATE This Year	PRECIPITATION: FROM APPROX. OCT 1 TO DATE Average †	PRECIPITATION: FROM APPROX. OCT 1 TO DATE Percent of Average
JORDAN RIVER & GREAT SALT LAKE											
Alta Central	6/2	64	33.7	--	--						
Lamb's Canyon #2	5/31	0	0.0	7.7	0.5[b]	5/31	not measured				
Middle Canyon	not measured										
Mill Creek	5/30	18	9.4	24.3	5.1[a]						
Mill D South Fork	5/30	0	0.0	19.0	2.4[a]						
Rocky Basin-Settlement	not measured										
Silver Lake (Brighton)	5/30	19	14.2	41.0	12.0[b]						
Snow Bird (Gad Valley)	6/1	55	34.8	--	--						
Vernon Creek	6/1	0	0.0	0.0	0.0[b]	6/1	1.00[a]	2.05[b]	24.80[a]	19.90	125
Deseret Peak	not measured										
COLORADO RIVER DRAINAGE											
UPPER GREEN RIVER - UTAH											
Ashley Twin Lakes A	5/31	0	0.0	27.0	--						
Black's Fork G.S.-East Fork	5/28	0	0.0	11.2	1.3[b]	5/28	2.21	--	21.40[a]	--	--
Black's Fork Junction	5/28	0	0.0	6.3	0.6[b]	5/28	1.92	--	19.24	--	--
Buck Pasture A	5/31	6	2.6	15.0	--						
Burnt Creek	5/31	0	0.0	0.0	0.3[b]	5/31	1.25	--	18.20	--	--
Grizzly Ridge	5/31	0	0.0	0.0	1.0[b]	5/31	1.65	2.90[b]	22.60	19.50	116
Henry's Fork A	5/31	0	0.0	16.5	--						
Hewinta G.S.	5/28	0	0.0	11.6	2.0[b]	5/28	2.11	--	22.26	--	--
Hickerson Park	5/28	0	0.0	14.7	0.1[b]	5/28	1.39	2.57[b]	16.70	15.54	107
King's Cabin (upper)	5/28	0	0.0	8.4	1.0[b]	5/28	1.41	3.01	19.88	17.59	113
Reynolds Park A	5/31	0	0.0	31.5	--						
Spirit Lake	5/28	0	0.0	26.5	7.3[b]	5/28	2.55	3.68[b]	24.40	22.38[b]	109
Steel Creek Park	5/28	34	14.5	25.9	11.9[a]	5/28	2.46	--	23.50	--	--
Trout Creek	5/28	0	0.0	14.2	1.5[b]	5/28	1.38	--	17.47	--	--
DUCHESNE RIVER											
Atwood Lake A	5/31	0	0.0	19.5	--						
Brown Duck Ridge	5/28	25	10.6	26.9	15.3[a]	5/28	1.26	--	27.16[a]	--	--
Chepeta	5/28	0	0.0	24.2	--	5/28	2.44[a]	--	21.27[a]	--	--
Chepeta-Whiterocks A	5/31	3	1.5								
Currant Creek	5/21	0	0.0	0.0	0.0[b]	5/27	1.43	1.58[b]	19.20	17.78	108
Daniels-Strawberry Summit	5/27	0	0.0	11.0	0.2[a]	5/27	2.65	1.90[b]	25.98	22.99	113
East Portal	5/31	0	0.0[a]	0.0	0.0[b]	6/1	1.46		27.39		
Indian Canyon	5/27	0	0.0	17.4	1.4[b]	5/27	1.19	1.71[b]	18.20	17.37[b]	105
Jackson Park	5/28	0	0.0	20.4	8.8[a]	5/28	1.14	--	23.66	--	--
Lake Fork Basin A	5/31	21	8.8	26.5	15.4[a]						
Lakefork Mountain #1	5/28	0	0.0	17.9	3.6[b]	5/28	1.52	2.60	18.74	18.30	102
Lakefork Mountain #3	5/28	0	0.0	0.0	0.0[b]						
Lightning Lake A	5/31	54	22.7	36.0	21.7a	5/31	3.50[a]	--	38.60[a]	--	--
Mosby Mountain	5/28	0	0.0	19.0	3.2[b]	5/28	1.12	2.62[b]	19.01	17.80	107
Paradise Park	5/28	0	0.0	25.4	7.3[b]	5/28	1.40	2.50	19.06	20.56	93
Rock Creek Ranch	5/28	0	0.0	0.0	0.0[a]	5/28	1.09	1.83	17.25	15.35	112
Strawberry Divide	5/31	0	0.0[a]	--	0.0[b]	5/31	1.70[a]	--	30.60[a]	--	--
PRICE RIVER											
Dry Valley Divide Alternate	5/27	0	0.0	4.1	0.0[b]						
Five Points Lake A	5/31	6	2.5	22.5	11.8[a]						
Mud Creek	5/27	0	0.0	8.1	0.0[b]	5/27	2.37	1.95	27.08	19.16	141
White River #1	5/27	0	0.0	12.3	0.3[b]	5/27	1.32	1.71[b]	23.52	17.77	132
White River #3	5/27	0	0.0	0.0	0.0[b]						
SAN RAFAEL RIVER											
Buck Flat	5/26	17	9.1	27.7	4.1[b]	5/26	2.53	2.52	33.48	22.97	146
Huntington-Horseshoe	5/27	44	23.8	50.1	19.6[a]						
Orange Olsen	5/27	0	0.0	0.0	0.0[b]	5/27	0.97	0.97[b]	14.80	9.50	156
Red Pine Ridge	5/27	14	6.9	22.7	1.8[b]	5/27	3.38	2.22	30.16[a]	25.61	117
Seeley Creek R.S.	5/26	42	22.4	32.9	8.2[a]						
Stuart R.S.	5/27	0	0.0	0.0	0.0[b]	5/27	2.37	1.65	22.24	15.42	144
Upper Joe's Valley	5/27	0	0.0	4.7	0.0[b]						
Wrigley Creek	5/26	0	0.0	8.7	0.0[b]						
MUDDY RIVER											
Black's Fork	5/26	0	0.0	16.3	1.3[a]						
Dill's Camp	5/26	0	0.0	13.0	0.9[a]	5/26	2.05	--	27.49	--	--

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† 1958-1972 period

SNOW

PRECIPITATION (Inches)

DRAINAGE BASIN and/or SNOW COURSE NAME	THIS YEAR			PAST RECORD		PRECIPITATION (Inches)					
				Water Content (inches)		CURRENT INFORMATION			FROM APPROX. OCT. 1 TO DATE		
	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
FREMONT RIVER											
Black's Flat-U.M. Creek	5/26	0	0.0	8.4	0.3[b]	5/26	1.95	1.81	24.66	16.28	151
Fish Lake	5/26	0	0.0	0.0	0.0[b]	5/26	1.28	1.39	24.64	12.39	199
Johnson Valley	5/26	0	0.0	0.0	0.0[b]						
SOUTHEASTERN UTAH DRAINAGES											
Buckboard Flat	5/30	0	0.0	8.4	0.4[b]	5/30	1.30	1.94	23.77	22.83	104
Camp Jackson	5/30	0	0.0	7.4	0.0[b]	5/30	0.45	1.56	18.83	20.76	90
LaSal Mountain (lower)	5/31	0	0.0	7.8	0.0[b]						
LaSal Mountain (upper)	5/31	0	0.0	26.1	2.7[a]	5/31	0.65	2.21	29.66	19.38	153
Monticello City Park	5/30	0	0.0	0.0	0.0[b]						
UPPER SEVIER RIVER (South of Richfield, Utah)											
Box Creek	5/26	6	2.9	18.3	1.3[b]	5/26	1.31	1.88	27.89	18.29	152
Bryce Canyon	5/25	0	0.0	0.0	0.0[b]						
Castle Valley	5/25	0	0.0	13.5	0.0[b]	5/25	.41	1.62	24.96	18.75	133
Duck Creek R.S	5/26	0	0.0	11.3	0.5[a]	5/26	.19	1.91	18.86	21.55	88
Harris Flat	5/26	0	0.0	0.0	0.0[b]	5/26	.25	--	9.20[a]	--	--
Kimberly Mine	5/25	18	9.5	27.4	3.2[b]	5/25	1.00[a]	2.15	40.53[a]	24.76	163
Midway Valley	5/25	0	0.0	44.9	12.1[b]	5/25	2.37	--	26.40	--	--
Panguitch Lake	5/25	0	0.0	0.0	0.0[b]	5/25	.21	1.04	12.75	10.43	122
Squaw Springs	5/26	0	0.0	4.7	0.0[b]						
LOWER SEVIER RIVER (Including San Pitch River)											
Beaver Dams	5/26	0	0.0	9.2	0.0[b]	5/26	2.11	2.10[b]	33.17	18.44	180
Farnsworth Lake	5/26	54	26.3	33.8	14.0[a]	5/26	3.42	--	41.34[a]	--	
G.B.R.C. Headquarters	5/26	24	13.0	27.1	3.1[b]	5/26	2.44	2.38	37.82	24.93	152
G.B.R.C. Majors					--			1.51[b]		12.17	
G.B.R.C. Meadows	5/26	56	30.5	47.5	14.4[b]	5/26	3.63	2.60	44.15	29.80	148
G.B.R.C. Oaks					--			1.78		16.66	
Gooseberry R.S.	5/26	0	0.0	10.8	0.8[b]	5/26	1.90	1.83[b]	30.68	17.95[b]	171
Mammoth-Cottonwood Creek	5/27	20	11.2	37.1	4.8[b]	5/27	3.37	--	35.47[a]	--	
Mt. Baldy R.S.	5/26	55	29.8	45.0	14.5[b]	5/26	1.79	2.67[b]	34.33	23.51[b]	146
Oak Creek	5/25	0	0.0	16.1	0.0[a]	5/25	1.40	1.83[b]	29.90	21.62	138
Pickle Keg Springs	5/26	23	13.2	25.1	1.6[a]	5/26	3.37	--	44.43	--	
Pine Creek	5/25	32	16.3	33.9	1.9[a]	5/25	.89	3.00	53.93[a]	30.70	176
Ree's Flat	5/25	0	0.0	3.6	0.0[a]	5/25	2.86	--	29.34	--	--
Shingle Mill				0.0	0.0[b]			2.14[b]		21.69	
Gooseberry Reservoir						5/26	1.90	2.33	30.68	24.04	128
BEAVER RIVER											
Beaver Canyon Power House											
Beaver Race Track	5/25	0	0.0	0.0	0.0[b]						
Big Flat	5/25	40	19.5	35.7	14.1[b]	5/25	1.72	2.71	31.74	21.71	146
Merchant's Valley (upper)	5/25	0	0.0	17.5	0.5[a]	5/25	1.25	1.88	27.50	19.09	144
Otter Lake	5/25	14	6.2	24.8	6.4[a]						
PAROWAN CREEK											
Birch Crossing	5/31	0	0.0	0.0	0.0[b]						
Brian Head	5/25	6	2.4	32.3	10.6[b]						
Tall Poles	5/31	0	0.0	16.3	1.5[b]	5/31	0.60	1.42[b]	24.23	19.79[b]	122
Yankee Reservoir	5/25	0	0.0	7.1	0.0[b]	5/25	0.57	1.43	16.42	16.57	99
ENTERPRISE TO NEW HARMONY DRAINAGES											
Little Grassy Creek	5/25	0	0.0	0.0	0.0[b]	5/25	0.06	0.88[b]	14.03	15.61[b]	90
Long Flat	5/25	0	0.0	0.0	0.0[b]	5/25	0.12	1.23[b]	11.33	14.24[b]	80
COAL CREEK											
Cedar City Golf Course	5/31	0	0.0	0.0	0.0[b]						
SUSC Ranch	5/31	0	0.0	0.0	0.0[b]						

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

• 1958-1972 period

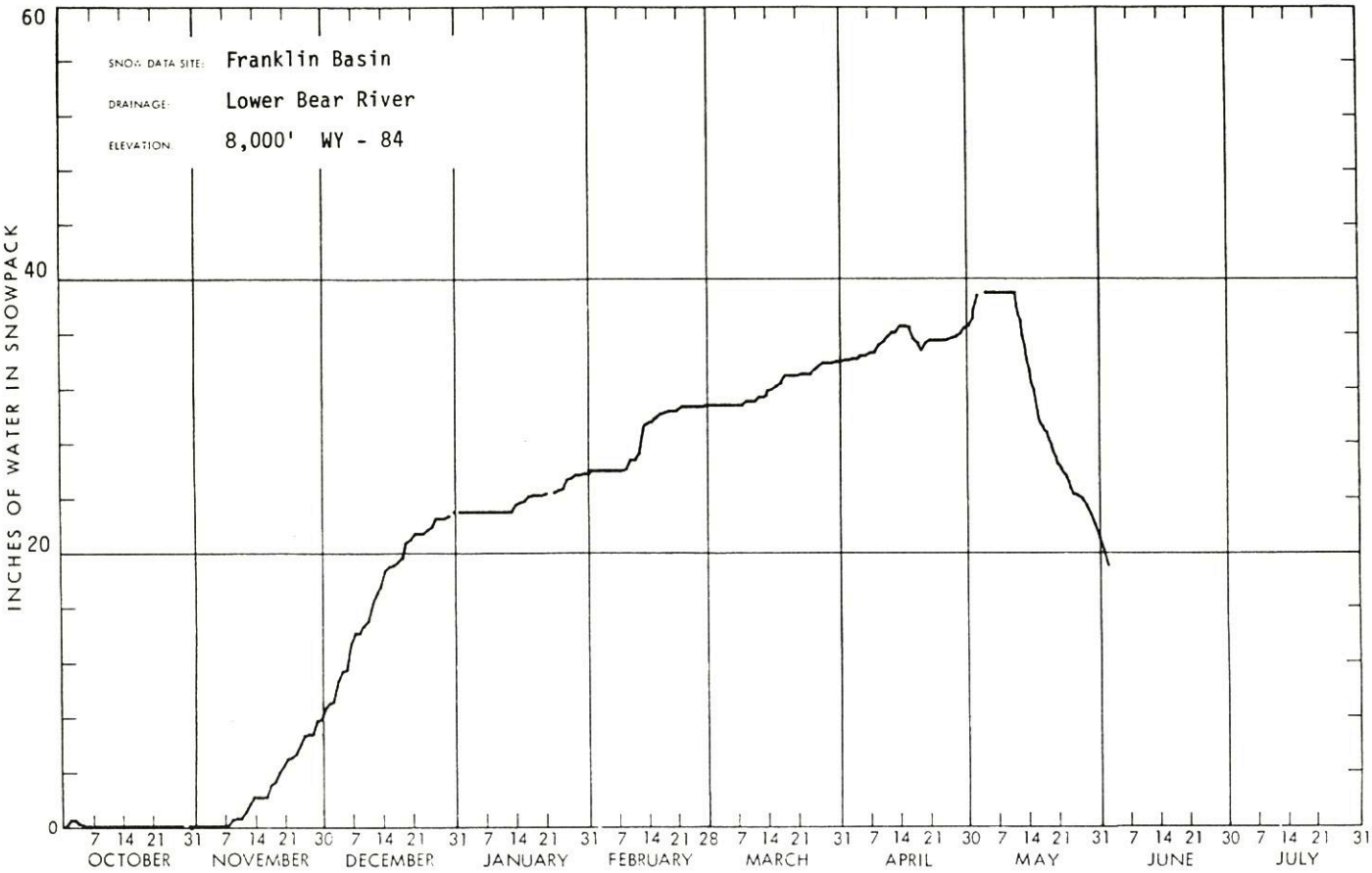
SNOW

DRAINAGE BASIN and/or SNOW COURSE NAME	THIS YEAR			PAST RECORD		PRECIPITATION (Inches) CURRENT INFORMATION			FROM APPROX OCT 1 TO DATE		
	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
ESCALANTE RIVER											
Widtsoe-Escalante #3	5/26	0	0.0	11.5	0.9[a]	5/26	0.22	1.81	17.87	17.02	104
VIRGIN RIVER											
Kolob-Crystal	5/25	0	0.0	34.5	9.0[a]	5/25	1.25	--	27.20[a]	--	--
Long Valley Junction	5/26	0	0.0	0.0	0.0[b]						
Webster Flat	5/25	0	0.0	32.1	2.9[b]	5/25	1.63[a]	1.90[b]	26.54[a]	24.98[b]	106

a - Partly Estimated
b - Average of past record in average period - less than 20 years
+ - 1961-80 20 year average period
(A) - Aerial Marker Reading

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

+ 1958-1972 period


SNOW DATA SITE: Franklin Basin
DRAINAGE: Lower Bear River
ELEVATION: 8,000' WY - 84
INCHES OF WATER IN SNOWPACK
0
20
40
60
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
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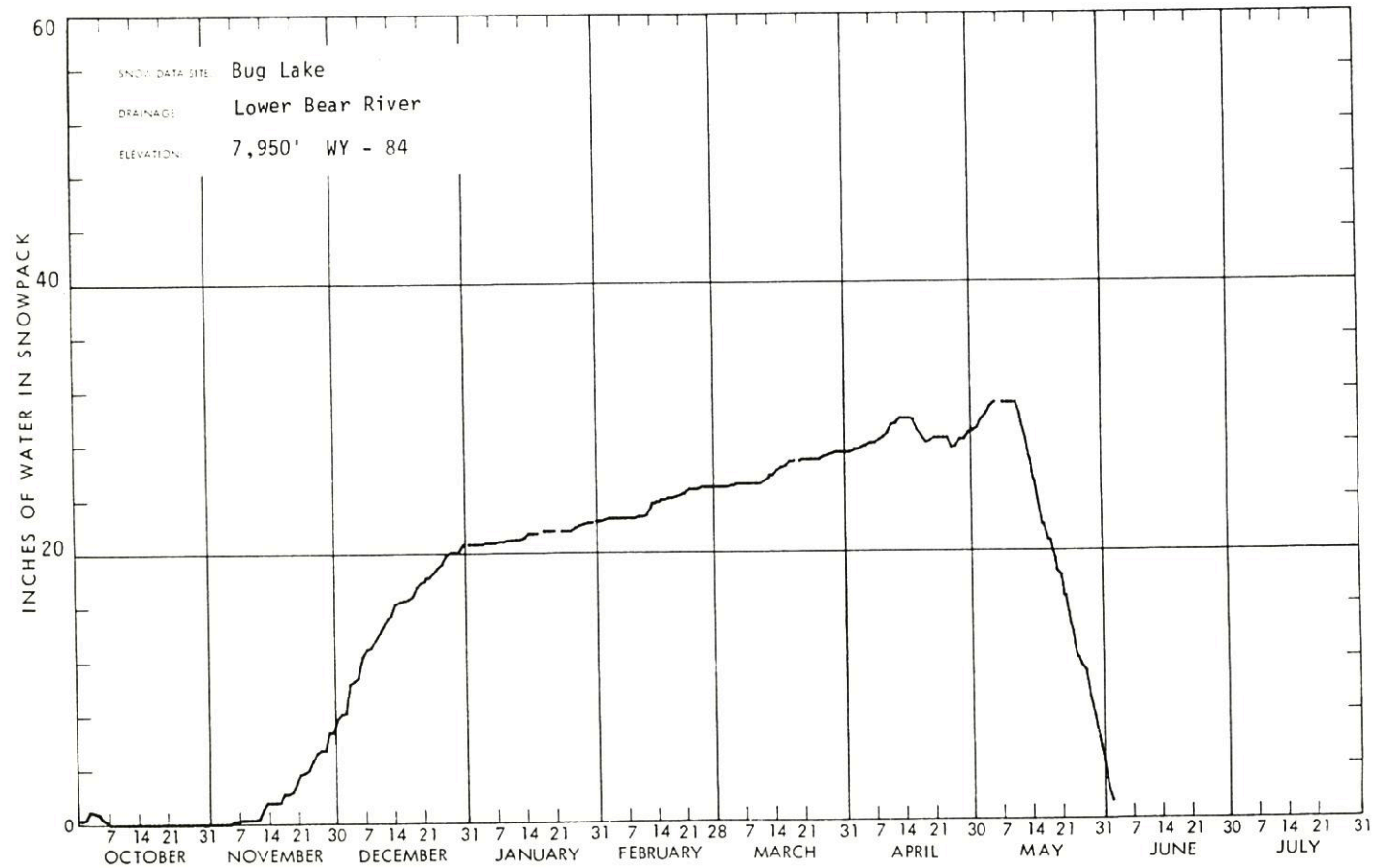
SNOW DATA SITE: Bug Lake
DRAINAGE: Lower Bear River
ELEVATION: 7,950' WY - 84
INCHES OF WATER IN SNOWPACK
0
20
40
60
7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 31 7 14 21 28 7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 30 7 14 21 31
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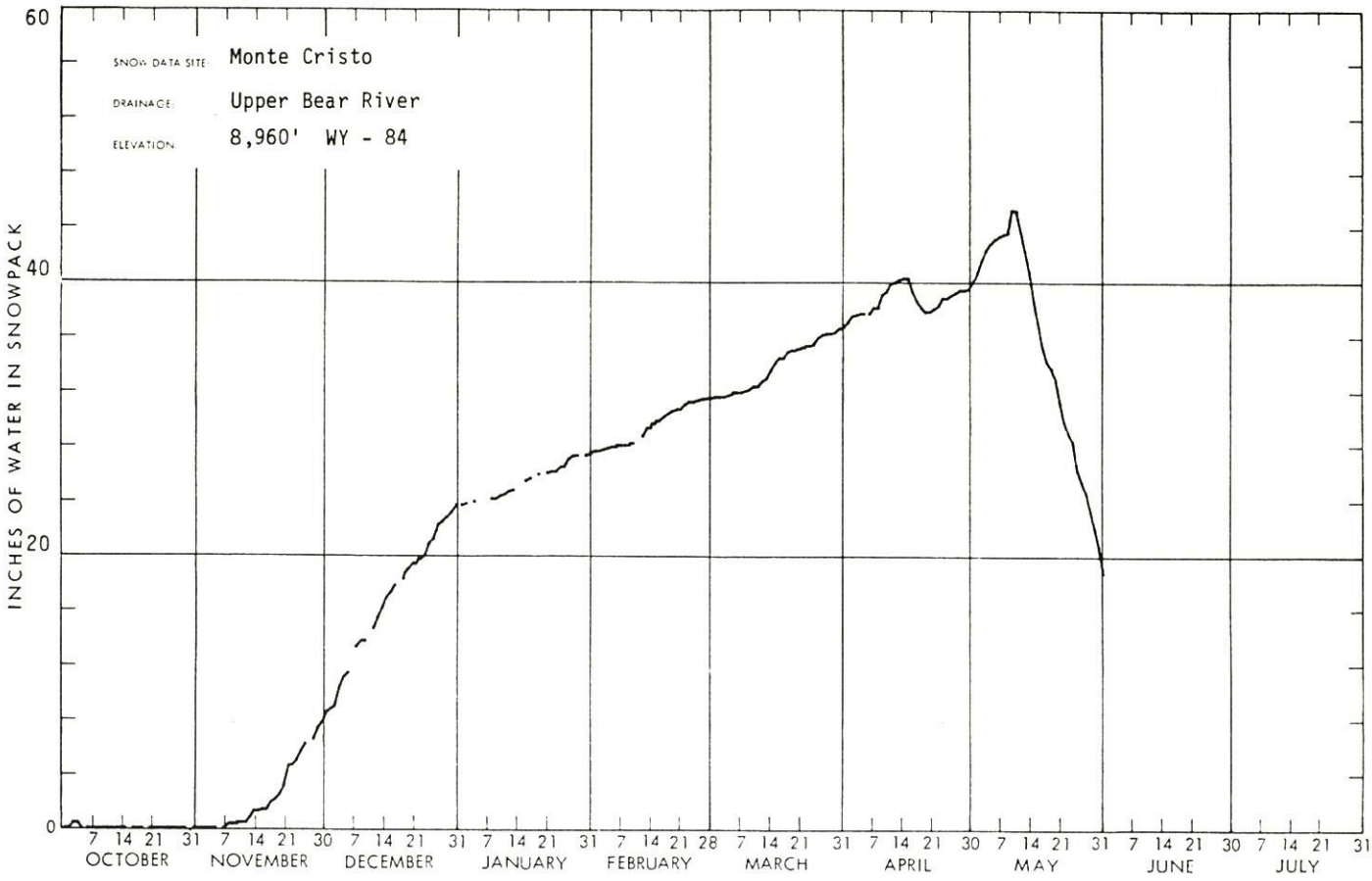
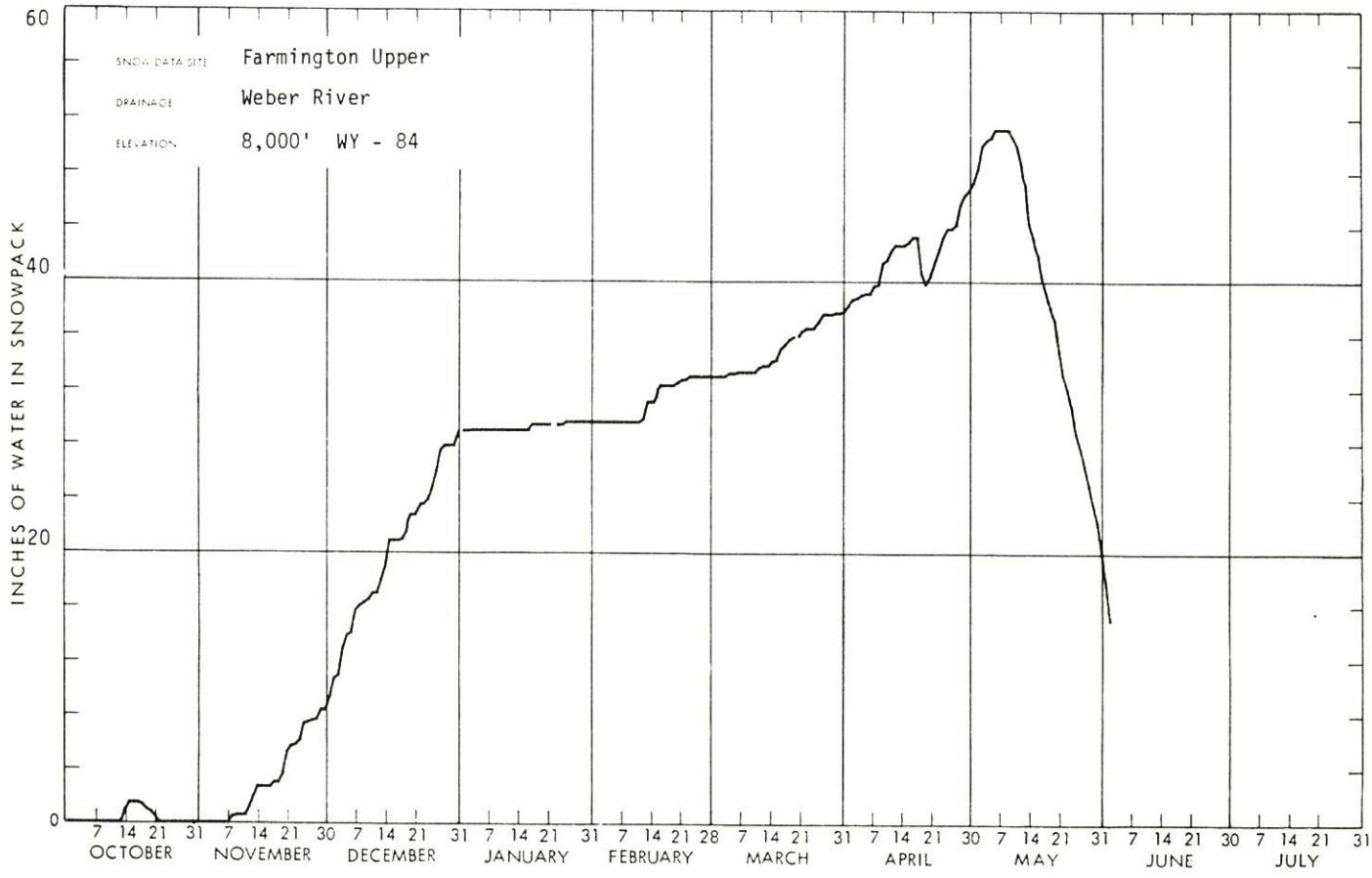

SNOW DATA SITE: Monte Cristo
DRAINAGE: Upper Bear River
ELEVATION: 8,960' WY - 84
INCHES OF WATER IN SNOWPACK
0
20
40
60
7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 31 7 14 21 28 7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 30 7 14 21 31
OCTOBER NOVEMBER DECEMBER JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY


SNOW DATA SITE: Farmington Upper
DRAINAGE: Weber River
ELEVATION: 8,000' WY - 84
INCHES OF WATER IN SNOWPACK
0
20
40
60
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
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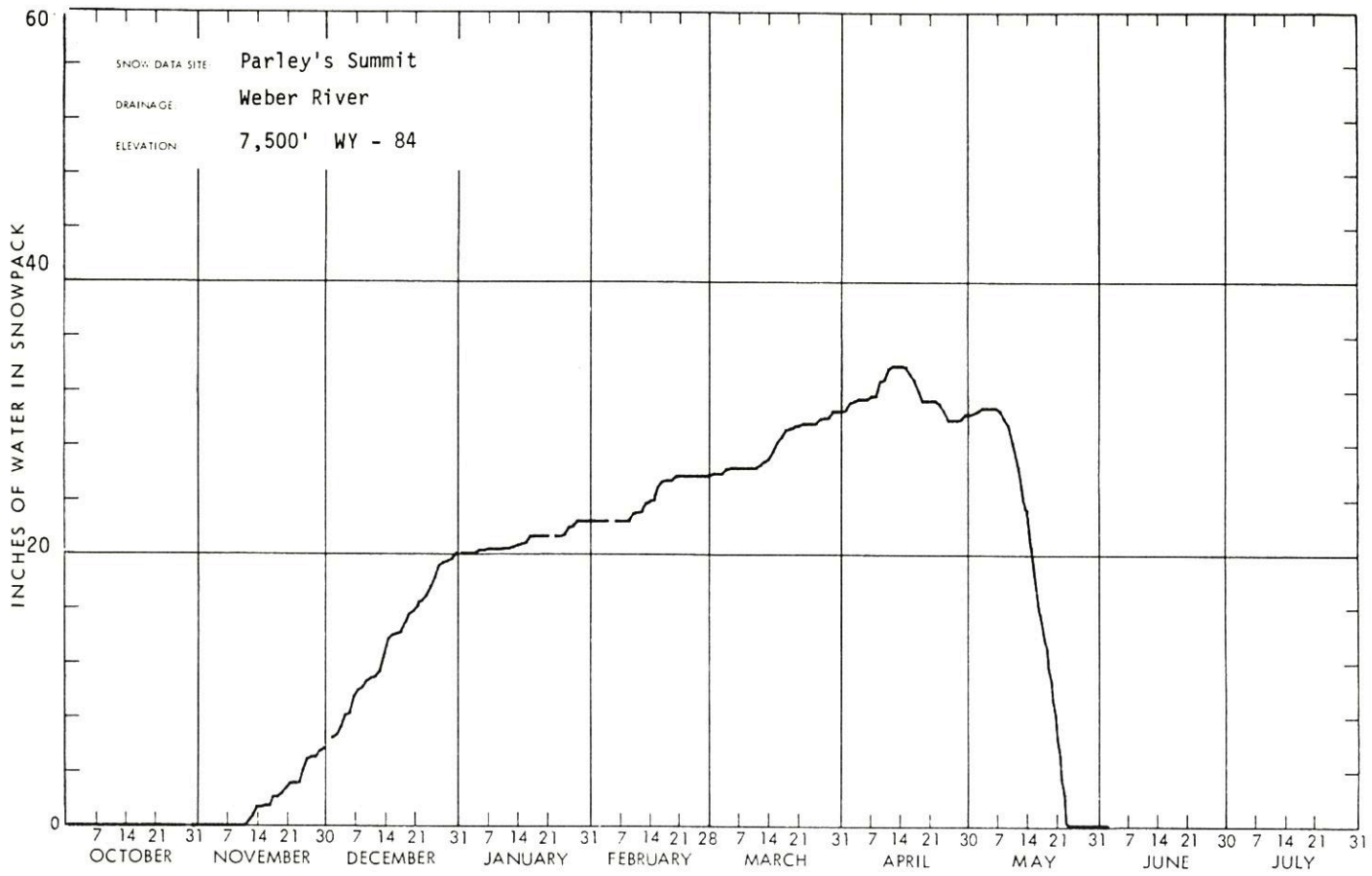
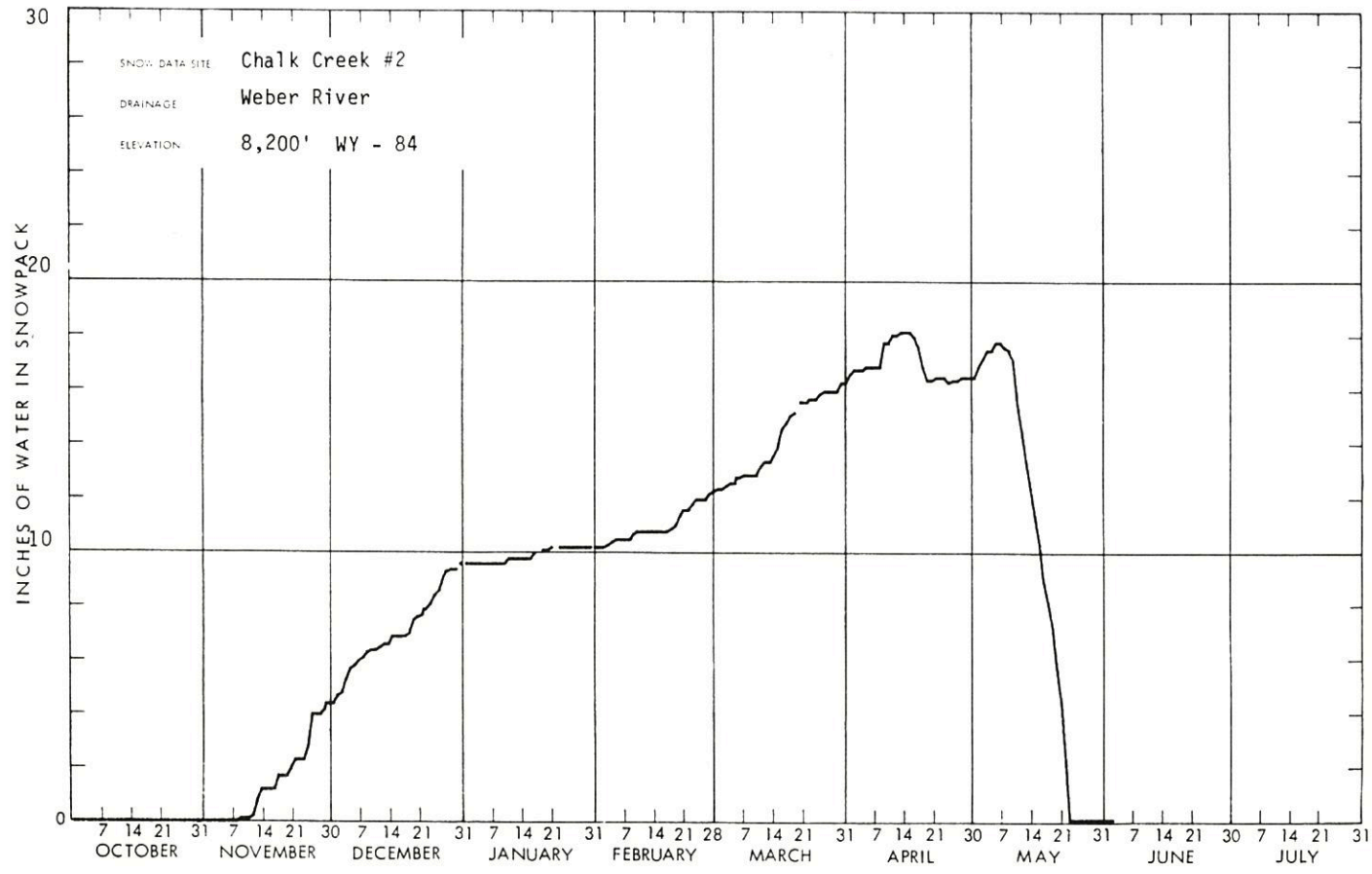

SNOW DATA SITE Parley's Summit
DRAINAGE Weber River
ELEVATION 7,500' WY - 84
INCHES OF WATER IN SNOWPACK
0
20
40
60
7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 31 7 14 21 28 7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 30 7 14 21 31
OCTOBER NOVEMBER DECEMBER JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY


SNOW DATA SITE Chalk Creek #2
DRAINAGE Weber River
ELEVATION 8,200' WY - 84
INCHES OF WATER IN SNOWPACK
0
10
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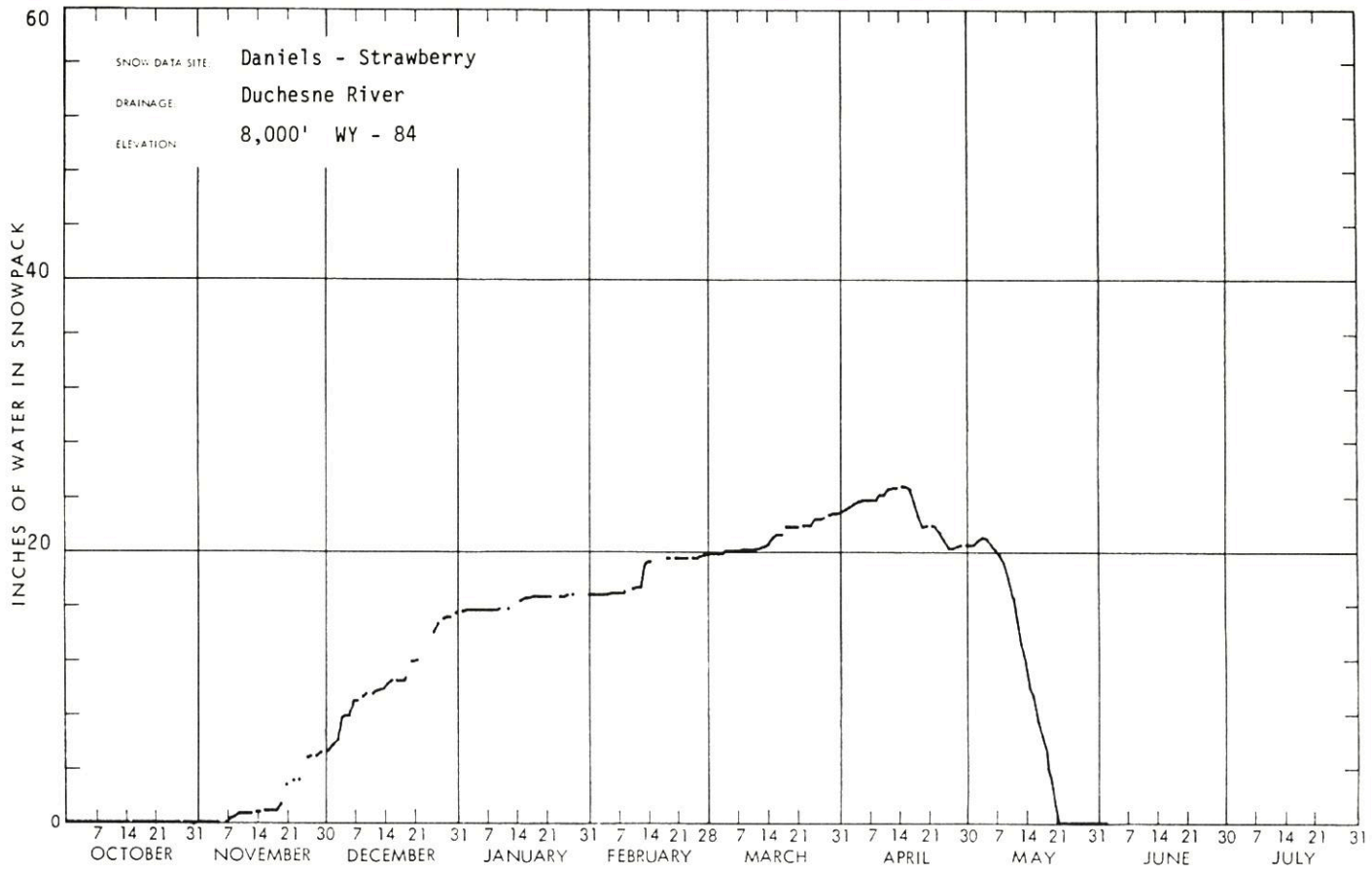
7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 31 7 14 21 28 7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 30 7 14 21 31
OCTOBER NOVEMBER DECEMBER JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY


SNOW DATA SITE
Daniels - Strawberry
DRAINAGE
Duchesne River
ELEVATION
8,000' WY - 84
INCHES OF WATER IN SNOWPACK
0
20
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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
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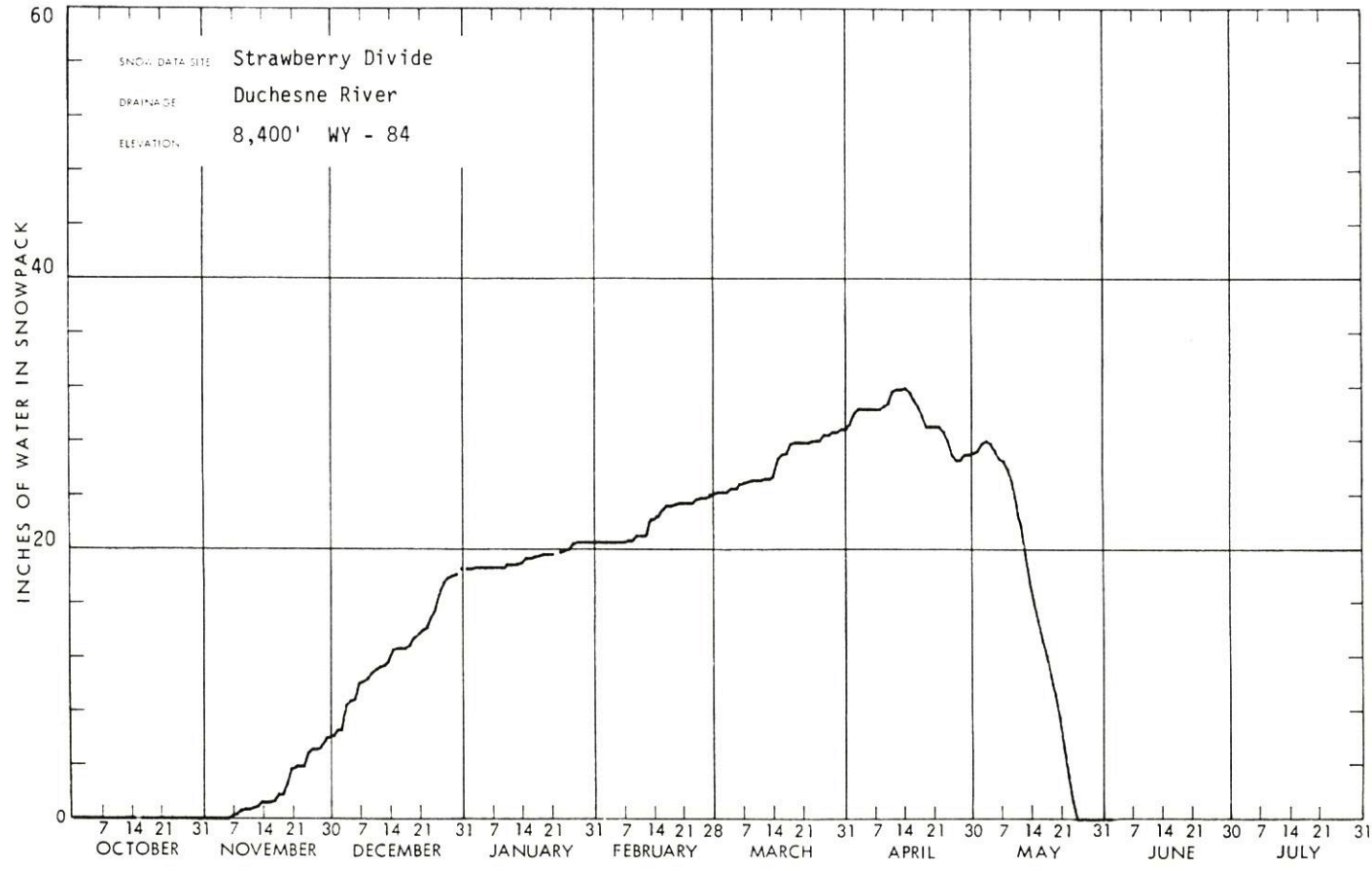
SNOW DATA SITE
Strawberry Divide
DRAINAGE
Duchesne River
ELEVATION
8,400' WY - 84
INCHES OF WATER IN SNOWPACK
0
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7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 31 7 14 21 28 7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 30 7 14 21 31
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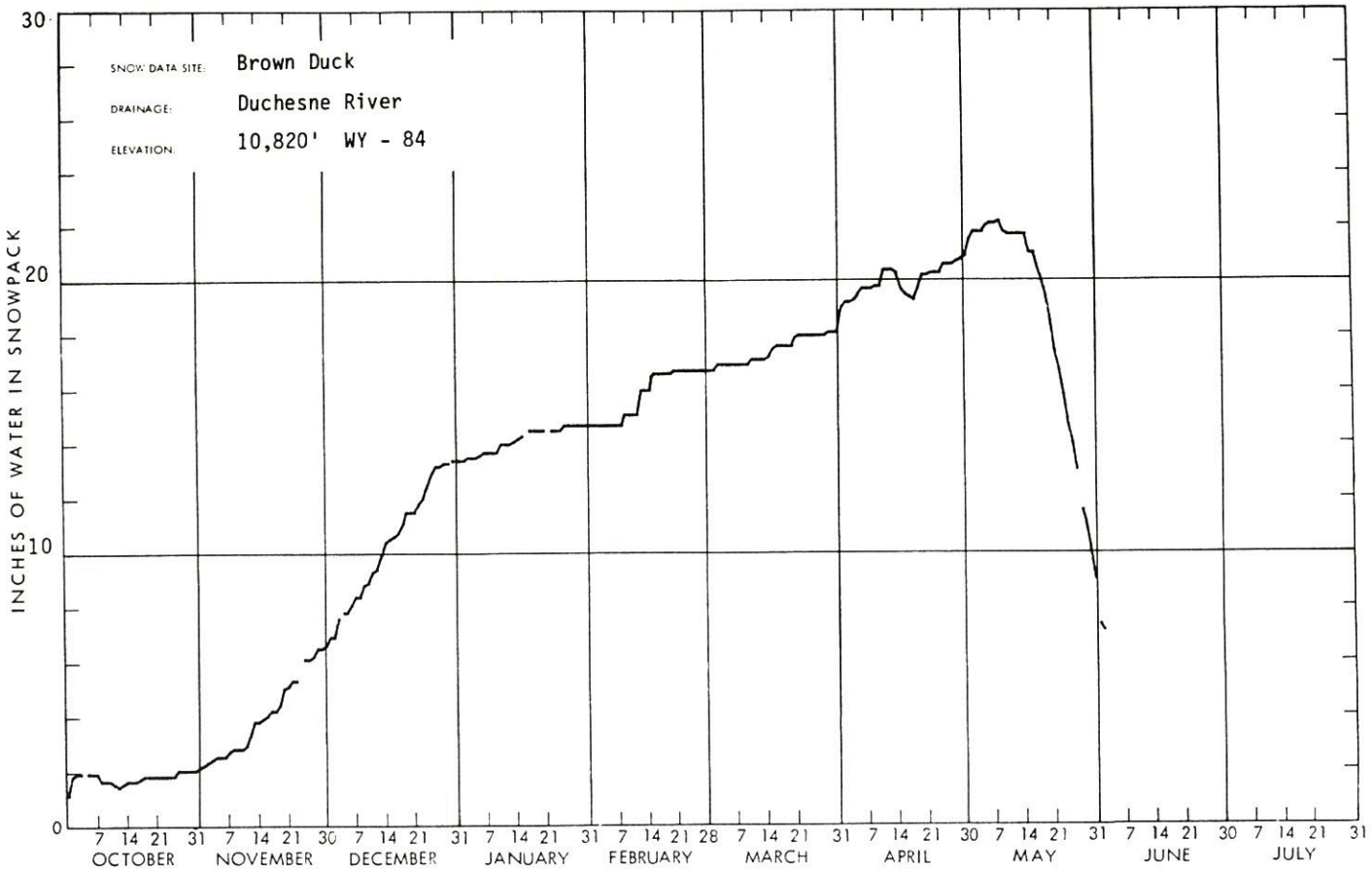
SNOW DATA SITE: Brown Duck
DRAINAGE: Duchesne River
ELEVATION: 10,820' WY - 84
INCHES OF WATER IN SNOWPACK
0
10
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7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 31 7 14 21 28 7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 30 7 14 21 31
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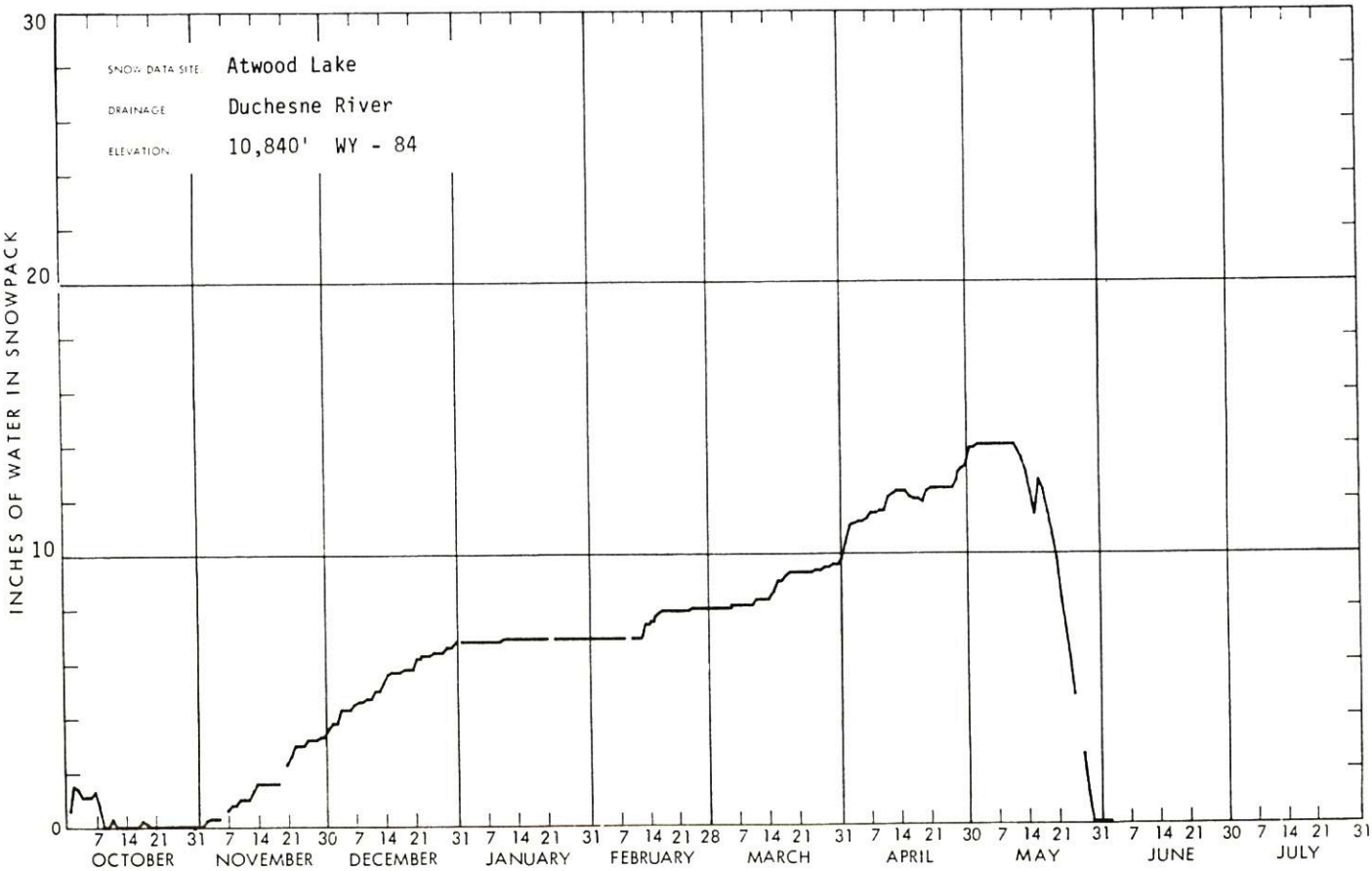
SNOW DATA SITE: Atwood Lake
DRAINAGE: Duchesne River
ELEVATION: 10,840' WY - 84
INCHES OF WATER IN SNOWPACK
0
10
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7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 31 7 14 21 28 7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 30 7 14 21 31
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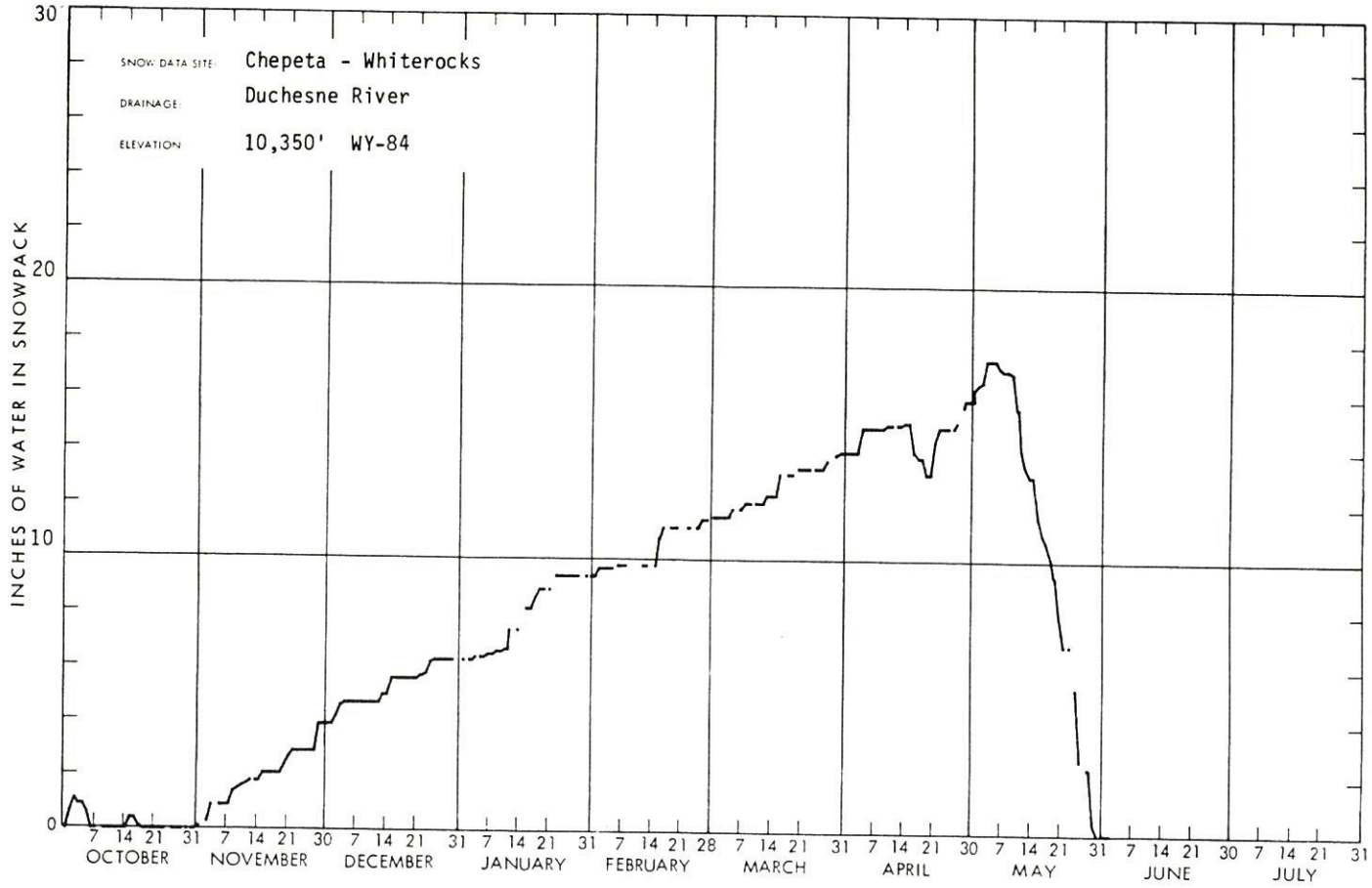
SNOW DATA SITE: Chepeta - Whiterocks
DRAINAGE: Duchesne River
ELEVATION: 10,350' WY-84
INCHES OF WATER IN SNOWPACK
0
10
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7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 31 7 14 21 28 7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 30 7 14 21 31
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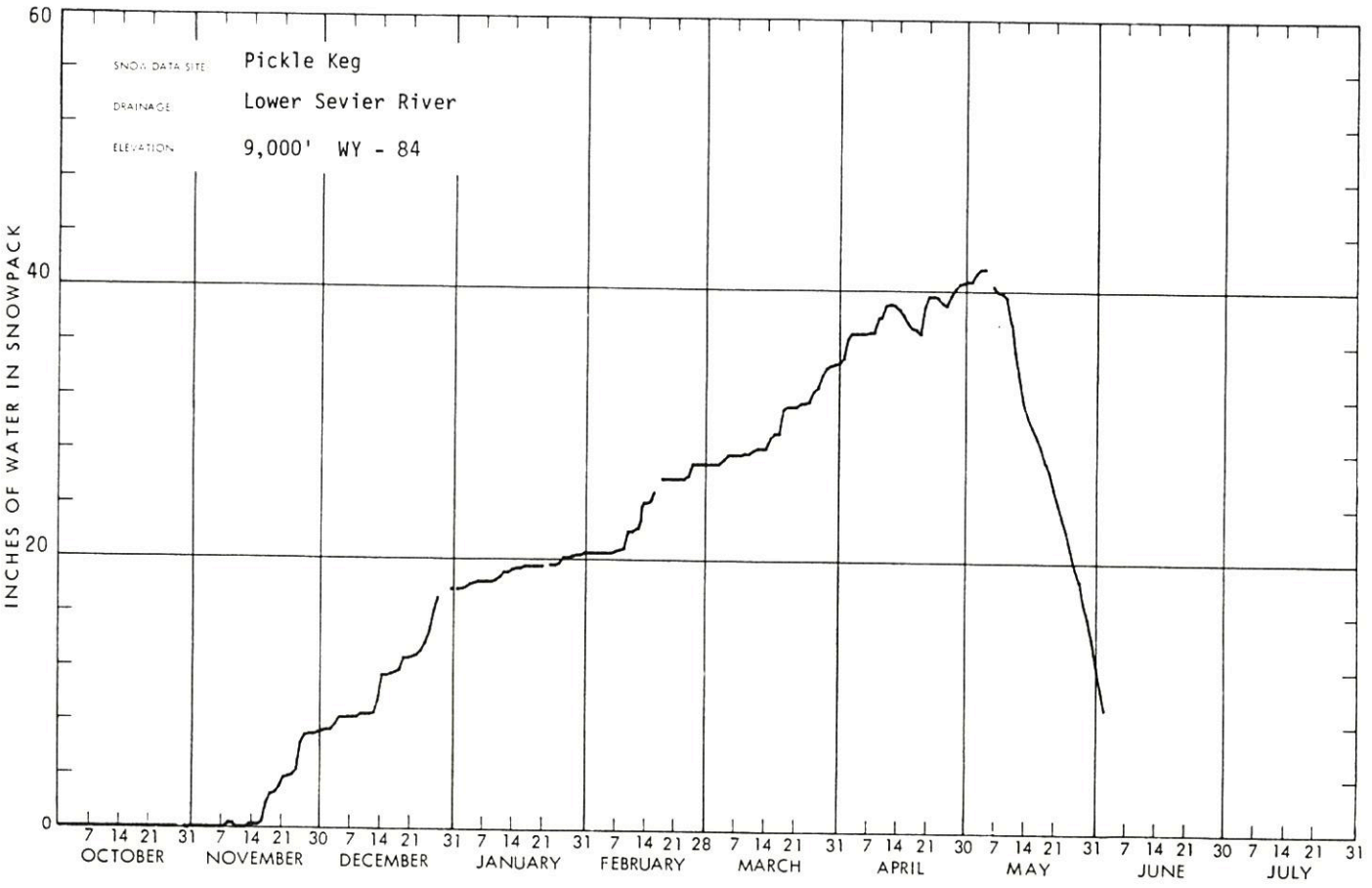
SNOW DATA SITE: Pickle Keg
DRAINAGE: Lower Sevier River
ELEVATION: 9,000' WY - 84
INCHES OF WATER IN SNOWPACK
0
20
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60
7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 31 7 14 21 28 7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 30 7 14 21 31
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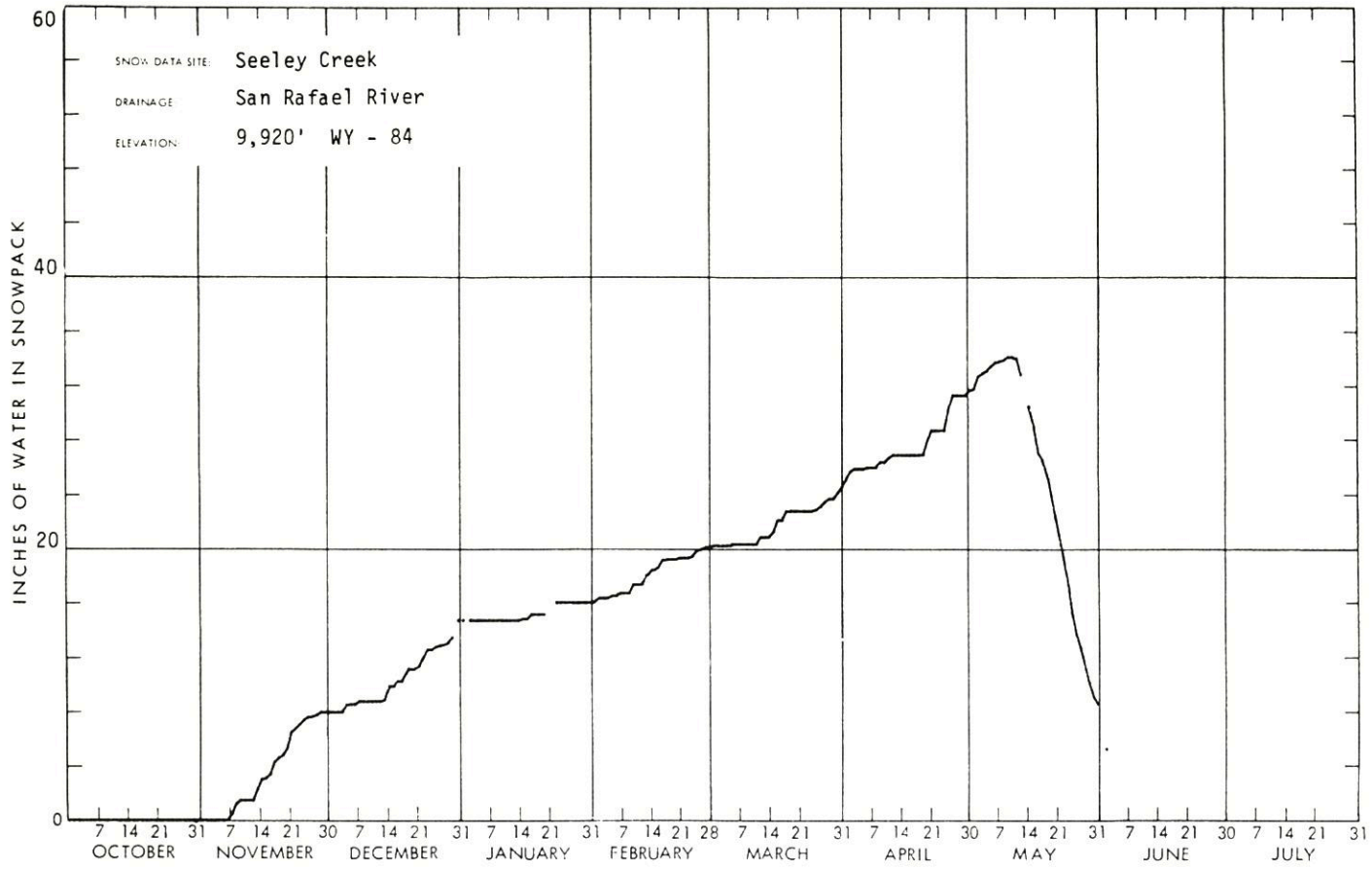
SNOW DATA SITE: Seeley Creek
DRAINAGE: San Rafael River
ELEVATION: 9,920' WY - 84
INCHES OF WATER IN SNOWPACK
0
20
40
60
7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 31 7 14 21 28 7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 30 7 14 21 31
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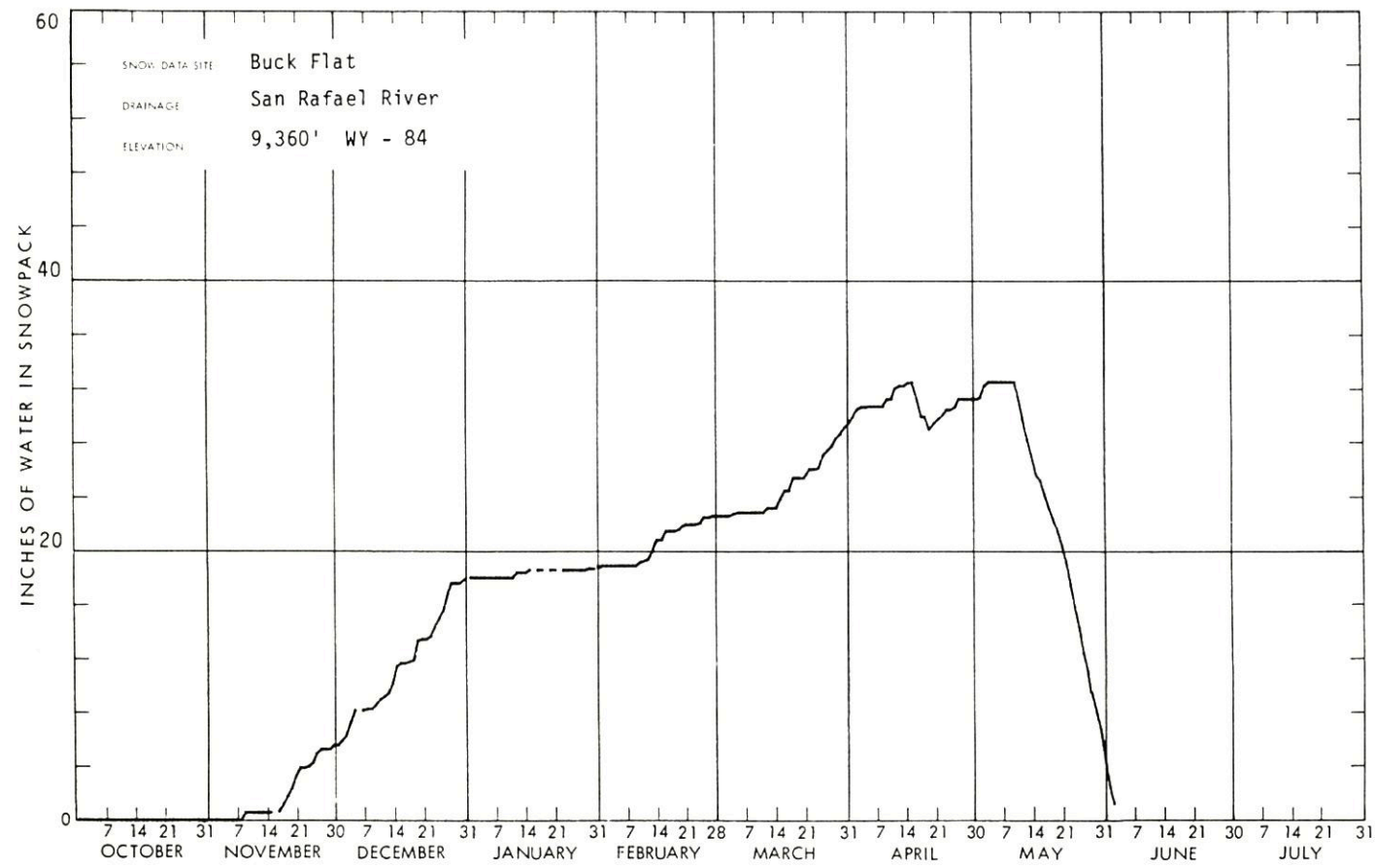
SNOW DATA SITE: Buck Flat
DRAINAGE: San Rafael River
ELEVATION: 9,360' WY - 84
INCHES OF WATER IN SNOWPACK
0
20
40
60
7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 31 7 14 21 28 7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 30 7 14 21 31
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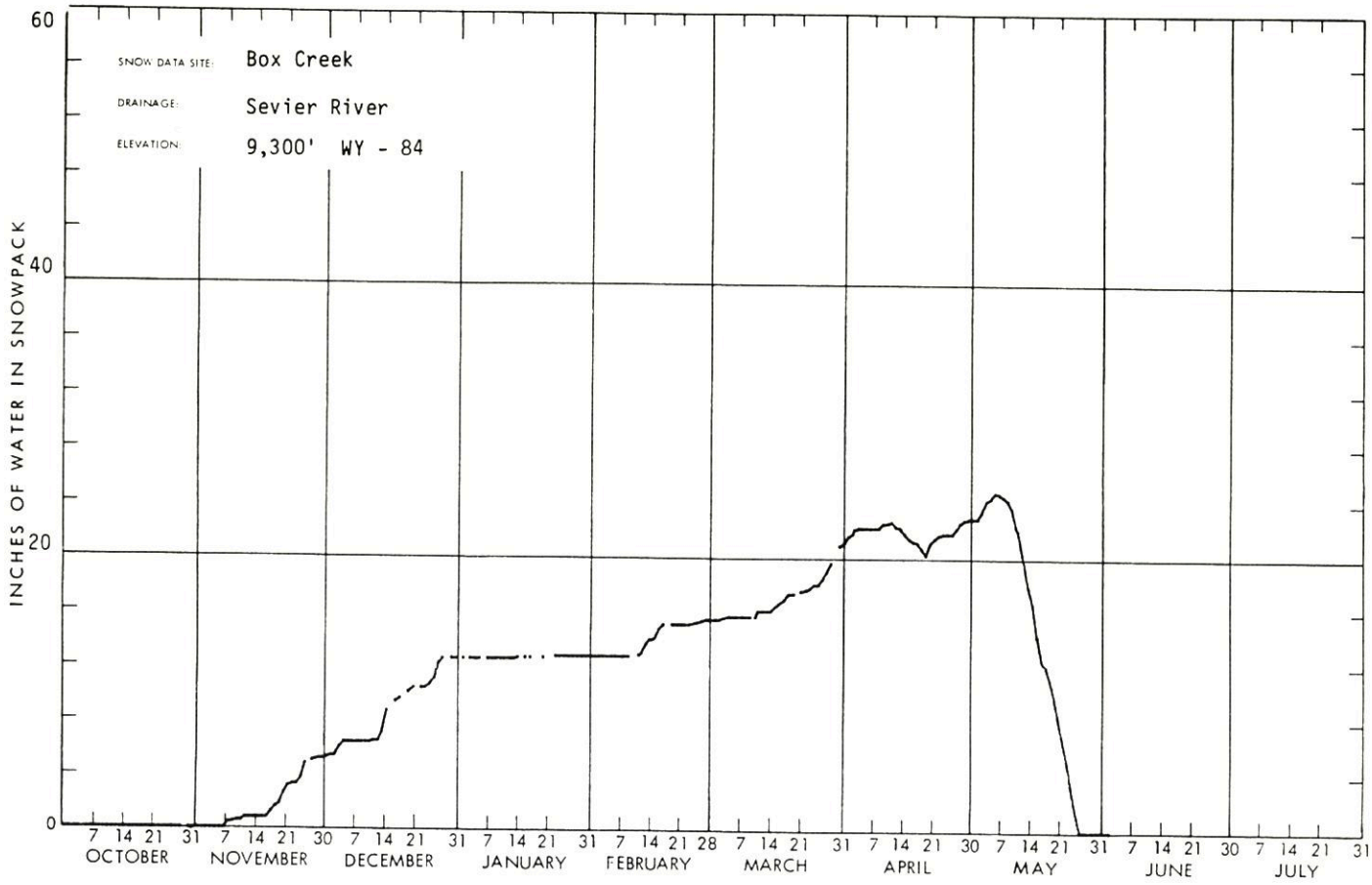
SNOW DATA SITE: Box Creek
DRAINAGE: Sevier River
ELEVATION: 9,300' WY - 84
INCHES OF WATER IN SNOWPACK
0
20
40
60
7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 31 7 14 21 28 7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 30 7 14 21 31
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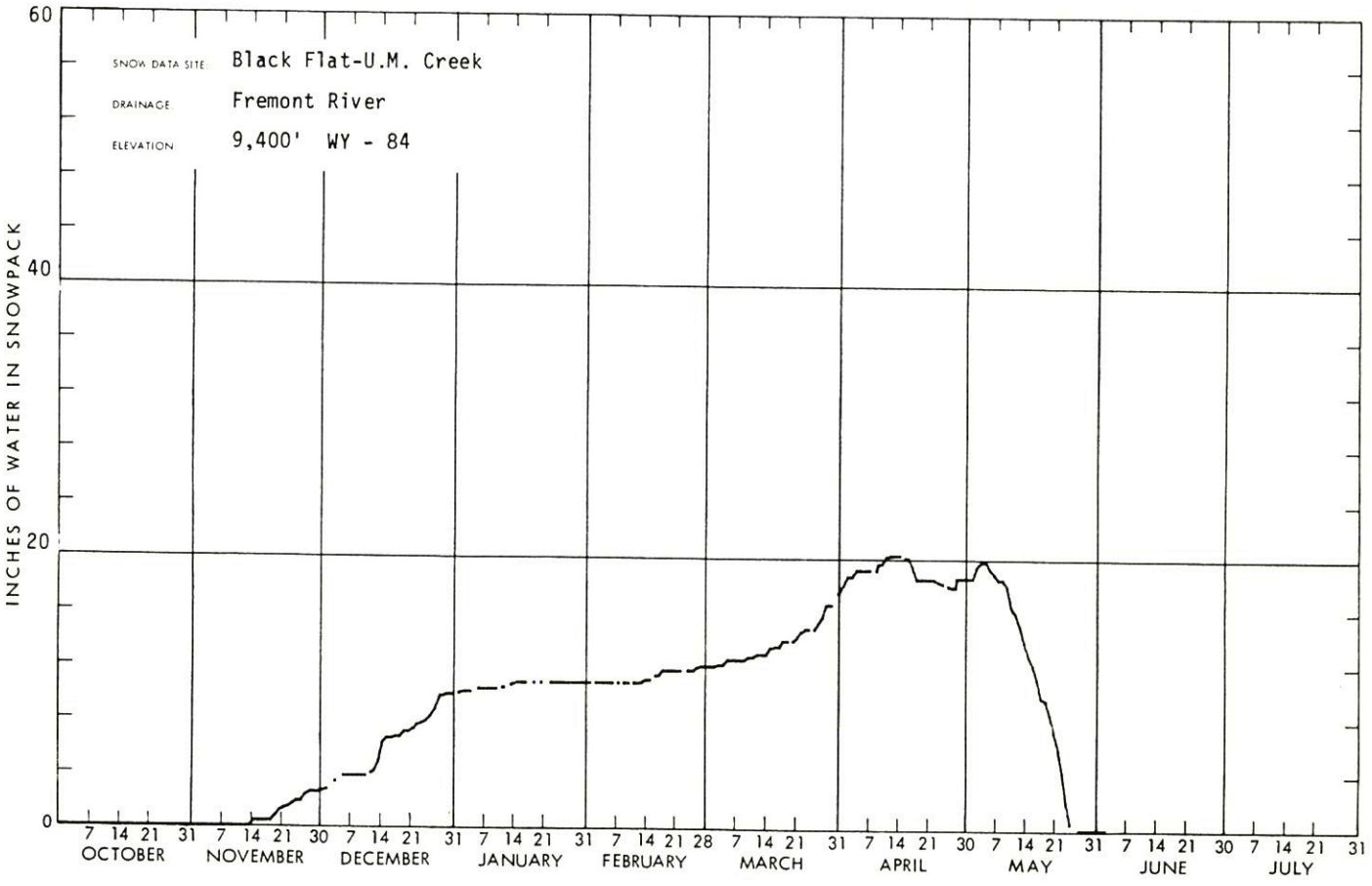
SNOW DATA SITE: Black Flat-U.M. Creek
DRAINAGE: Fremont River
ELEVATION: 9,400' WY - 84
INCHES OF WATER IN SNOWPACK
0
20
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7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 31 7 14 21 28 7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 30 7 14 21 31
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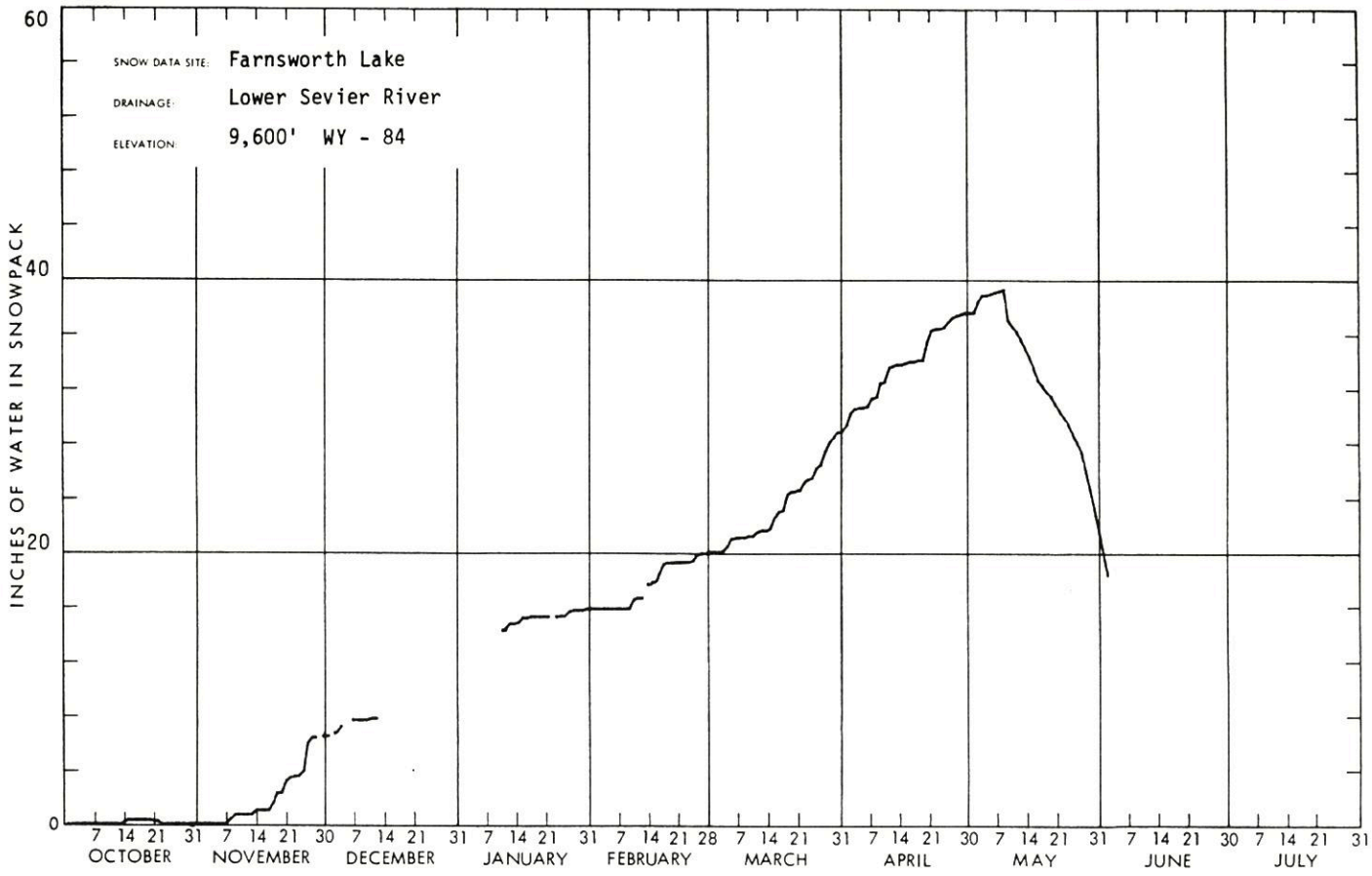
SNOW DATA SITE: Farnsworth Lake
DRAINAGE: Lower Sevier River
ELEVATION: 9,600' WY - 84
INCHES OF WATER IN SNOWPACK
0
20
40
60
7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 31 7 14 21 28 7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 30 7 14 21 31
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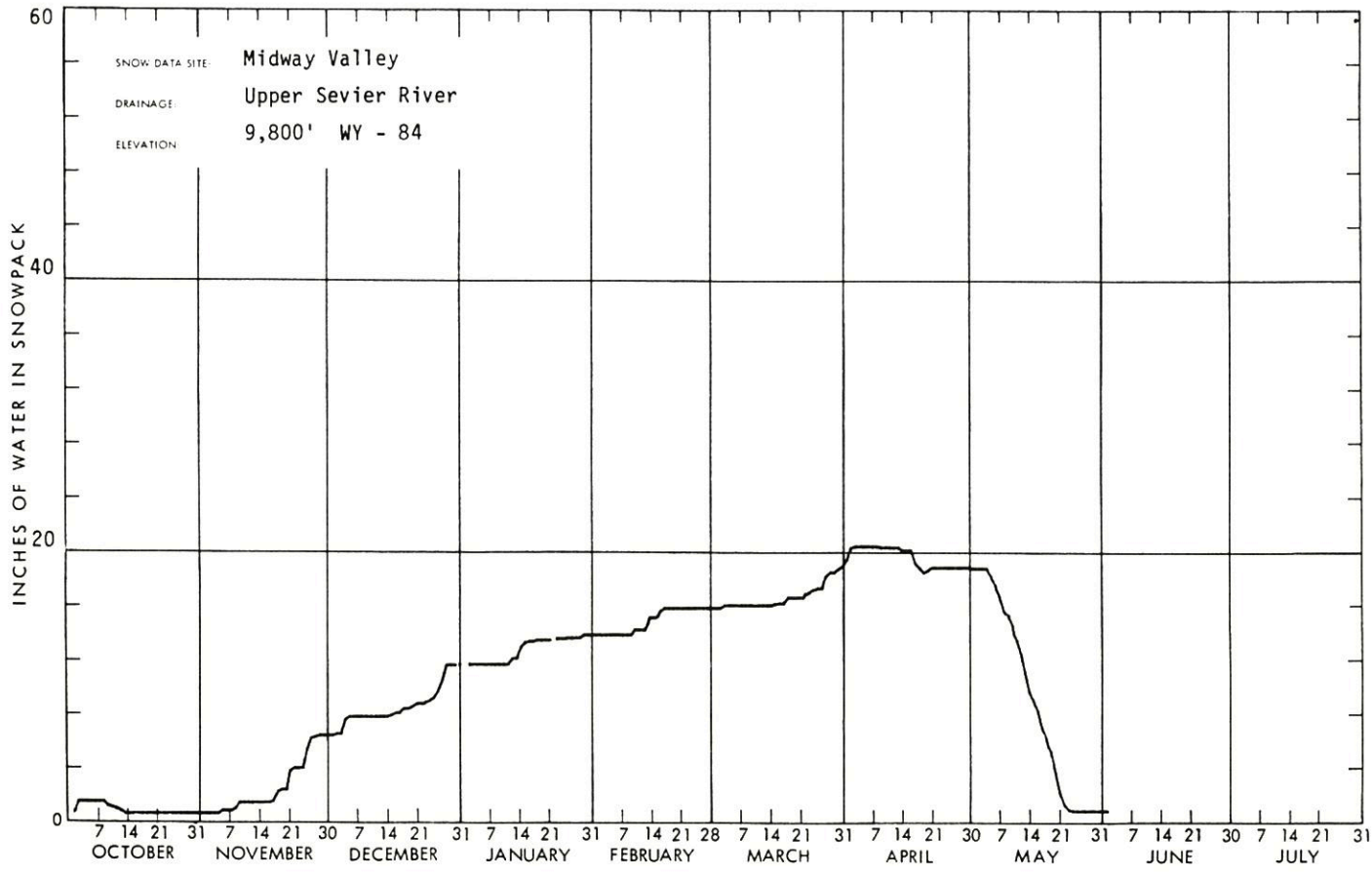
SNOW DATA SITE: Midway Valley
DRAINAGE: Upper Sevier River
ELEVATION: 9,800' WY - 84
INCHES OF WATER IN SNOWPACK
0
20
40
60
7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 31 7 14 21 28 7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 30 7 14 21 31
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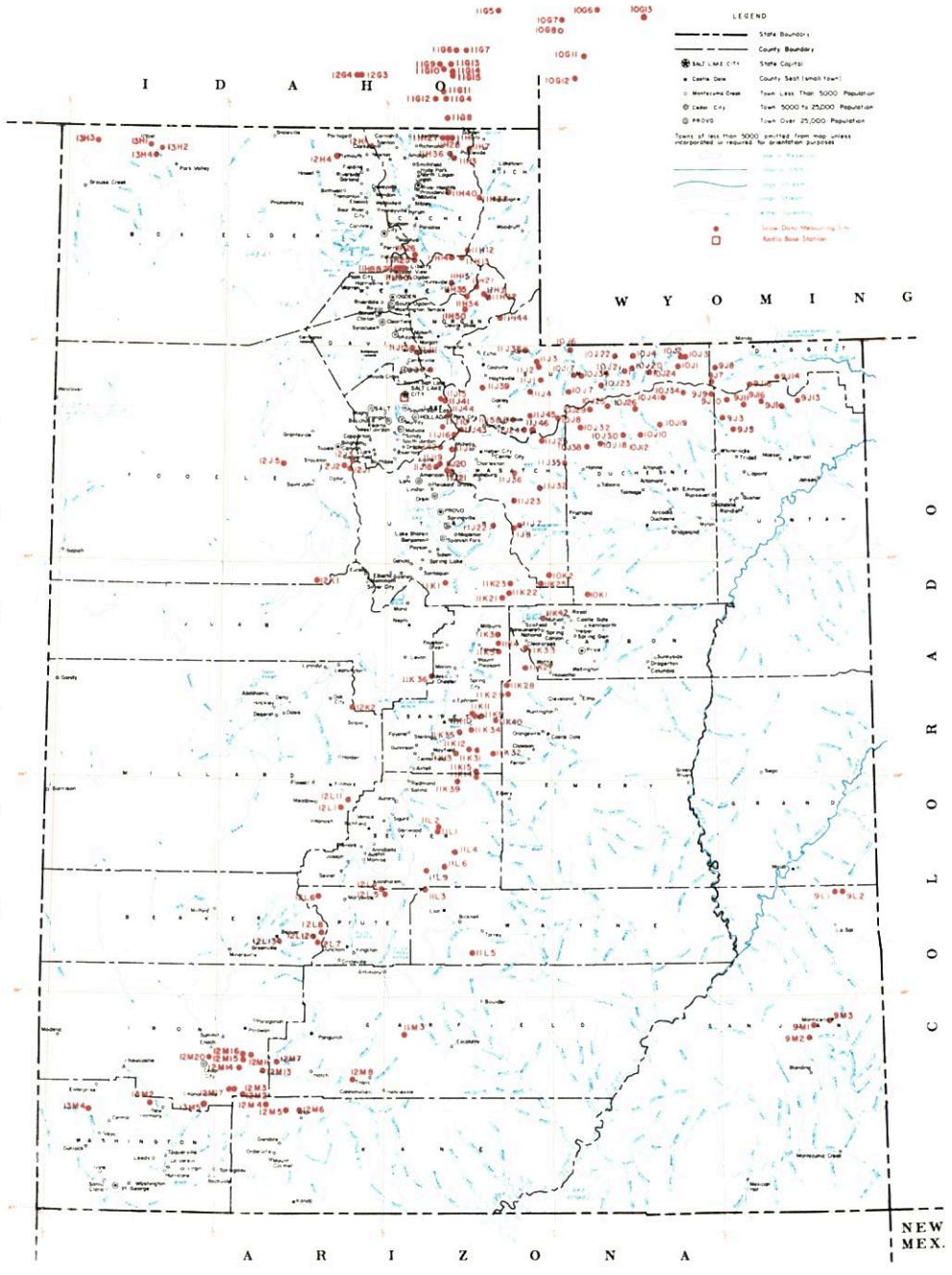


SNOW COURSES AND RELATED DATA MEASURING SITES

UTAH

1983

ALBERS EQUAL AREA PROJECTION

INDEX TO UTAH, BEAR & UPPER COLORADO RIVER BASINS

GREAT BASIN DRAINAGE

Number	State	Name	Section	Township	Range	Elevation
		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
10J7PST	U	Hayden Fork	25	1N	9E	9,400
10G12PST	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
10G8PST	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
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
11G6PST	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 No. 1	7	14N	3E	8,500
11H28	U	Steep Hollow No. 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
11H30PST	U	Ben Lomond Trail	2	7N	1W	6,000
11H35p	U	Causey Dam	34	7N	3E	5,590
11H13MPST	U	Dry Bread Pond	19	8N	4E	8,350
11H34p	U	Guilder's Peak	21	6N	4E	8,050
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 No. 1	4	1N	8E	9,100
11J2MPST	U	Chalk Creek No. 2	29	2N	8E	8,200
11J3MP	U	Chalk Creek No. 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
11J43P	U	Park City Summit	30	2S	4E	9,300
11J15PST	U	Parley's Canyon Summit	5	1S	3E	7,500
11H50P	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
11J39pa	U	Sergeant Lakes	9	1N	6E	8,300
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 No. 1	18	11S	6E	9,200
11K22PST	U	Clear Creek Ridge No. 2	9	11S	6E	8,000
11K23	U	Clear Creek Ridge No. 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
11K1P	U	Payson R. S.	30	10S	3E	8,050
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
12J2	U	Bevan's Cabin	24	4S	4W	6,450
12J5P	U	Deseret Peak	15	4S	7W	9,250
11J41P	U	Lamb's Canyon No. 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
12J1PST	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
12M5PST	U	Harris Flat	24	38S	7W	7,700
11L9p	U	High-Top Mountain	36	25S	1E	11,400
12L6PST	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
12L5	U	Squaw Springs	3	27S	2W	9,300
		LOWER SEVIER RIVER (including San Pitch River)				
11K13PST	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
11K35U	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

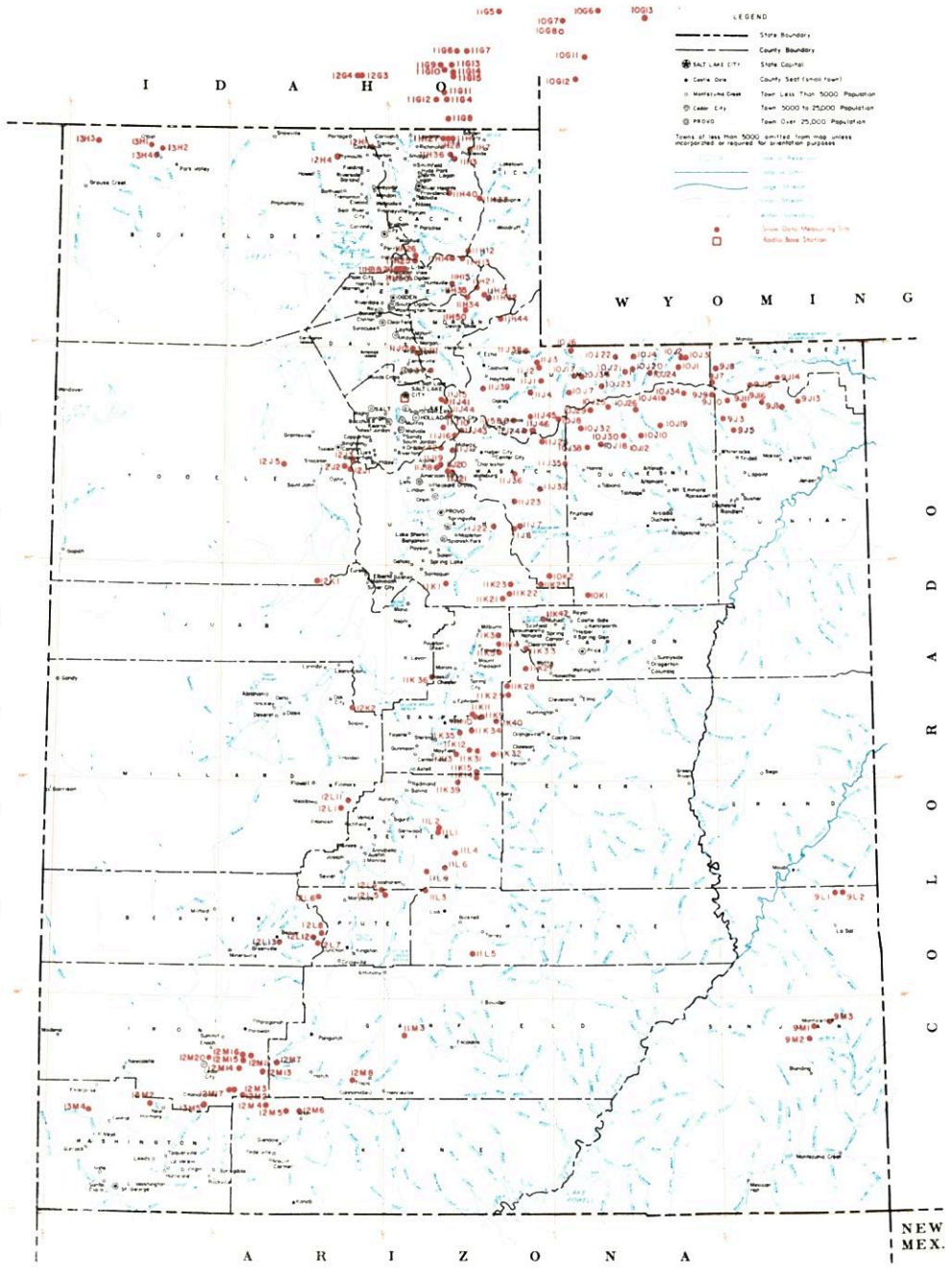
COLORADO RIVER DRAINAGE

Number	State	Name	Section	Township	Range	Elevation
		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. - E. 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
9J1PST	U	King's Cabin (upper)	22	1S	21E	8,730
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
10J41ap	U	Atwood Lake	13	4N	4W	10,840
10J30PST	U	Brown Duck Ridge	8	2N	6W	10,600
9J9PST	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
10J26PST	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
10J25PST	U	Lakefork Basin	13	4N	7W	11,100
10J10PST	U	Lakefork Mountain	2 & 3	2N	5W	10,200
10J12	U	Lakefork Mountain No. 3	20	2N	4W	8,400
10J29PST	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
10J18PST	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				
11K42P	U	Dry Valley Divide Alternate	14	11S	7E	8,100
11K33MP	U	Mud Creek	4	14S	7E	8,600
10K2MPST	U	White River No. 1	11	10S	8E	8,550
11K25	U	White River No. 3	30	10S	8E	7,400
		SAN RAFAEL RIVER				
11K31PST	U	Buck Flat	23	19S	4E	9,400
11K4	U	Gooseberry Reservoir	25	13S	5E	8,700
11K5P	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
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	24	20S	4E	9,200
11K15PST	U	Dill's Camp	27	20S	4E	9,200
		FREMONT RIVER				
11L4PST	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
9L2PSTT	U	LaSal Mountain (Upper)	3	27S	24E	9,850
9M3	U	Monticello Park	25	33S	23E	7,050
		ESCALANTE RIVER				
11M3PST	U	Widtsoe-Escalante No. 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.



SNOW COURSES AND RELATED DATA MEASURING SITES

UTAH

1983

ALBERS EQUAL AREA PROJECTION

INDEX TO UTAH, BEAR & UPPER COLORADO RIVER BASINS

GREAT BASIN DRAINAGE

Number	State	Name	Section	Township	Range	Elevation
		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
10J7PST	U	Hayden Fork	25	1N	9E	9,400
10G12PST	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
10G8PST	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
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
11G6PST	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	Horsesnoe 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 No. 1	7	14N	3E	8,500
11H28	U	Steep Hollow No. 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
11H30PST	U	Ben Lomond Trail	2	7N	1W	6,000
11H35p	U	Causey Dam	34	7N	3E	5,500
11H13MPST	U	Dry Bread Pond	19	8N	4E	8,350
11H34p	U	Guilder's Peak	21	6N	4E	8,050
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 No. 1	4	1N	8E	9,100
11J2MPST	U	Chalk Creek No. 2	29	2N	8E	8,200
11J3MP	U	Chalk Creek No. 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
11J43P	U	Park City Summit	30	2S	4E	9,300
11J15PST	U	Parley's Canyon Summit	5	1S	3E	7,500
11H50P	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
11J39pa	U	Sergeant Lakes	9	1N	6E	8,300
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 No. 1	18	11S	6E	9,200
11K22PST	U	Clear Creek Ridge No. 2	9	11S	6E	8,000
11K23	U	Clear Creek Ridge No. 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
11K1P	U	Payson R. S.	30	10S	3E	8,050
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
12J2	U	Bevan's Cabin	24	4S	4W	6,450
12J5P	U	Deseret Peak	15	4S	7W	9,250
11J41P	U	Lamb's Canyon No. 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
12J1PST	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
12M5PST	U	Harris Flat	24	38S	7W	7,700
11L9p	U	High-Top Mountain	36	25S	1E	11,400
12L6PST	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
12L5	U	Squaw Springs	3	27S	2W	9,300
		LOWER SEVIER RIVER (including San Pitch River)				
11K13PST	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
11K35U	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

Number	State	Name	Section	Township	Range	Elevation
		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. - E. 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
9J1PST	U	King's Cabin (upper)	22	1S	21E	8,730
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
10J41ap	U	Atwood Lake	13	4N	4W	10,840
10J30PST	U	Brown Duck Ridge	8	2N	6W	10,600
9J9PST	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
10J26PST	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
10J25PST	U	Lakefork Basin	13	4N	7W	11,100
10J10PST	U	Lakefork Mountain	2 & 3	2N	5W	10,200
10J12	U	Lakefork Mountain No. 3	20	2N	4W	8,400
10J29PST	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
10J18PST	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				
11K42P	U	Dry Valley Divide Alternate	14	11S	7E	8,100
11K33MP	U	Mud Creek	4	14S	7E	8,600
10K2MPST	U	White River No. 1	11	10S	8E	8,550
11K25	U	White River No. 3	30	10S	8E	7,400
		SAN RAFAEL RIVER				
11K31PST	U	Buck Flat	23	19S	4E	9,400
11K4	U	Gooseberry Reservoir	25	13S	5E	8,700
11K5P	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
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	24	20S	4E	9,200
11K15PST	U	Dill's Camp	27	20S	4E	9,200
		FREMONT RIVER				
11L4PST	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
9L2PSTT	U	LaSal Mountain (Upper)	3	27S	24E	9,850
9M3	U	Monticello Park	25	33S	23E	7,050
		ESCALANTE RIVER				
11M3PST	U	Widtsoe-Escalante No. 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.

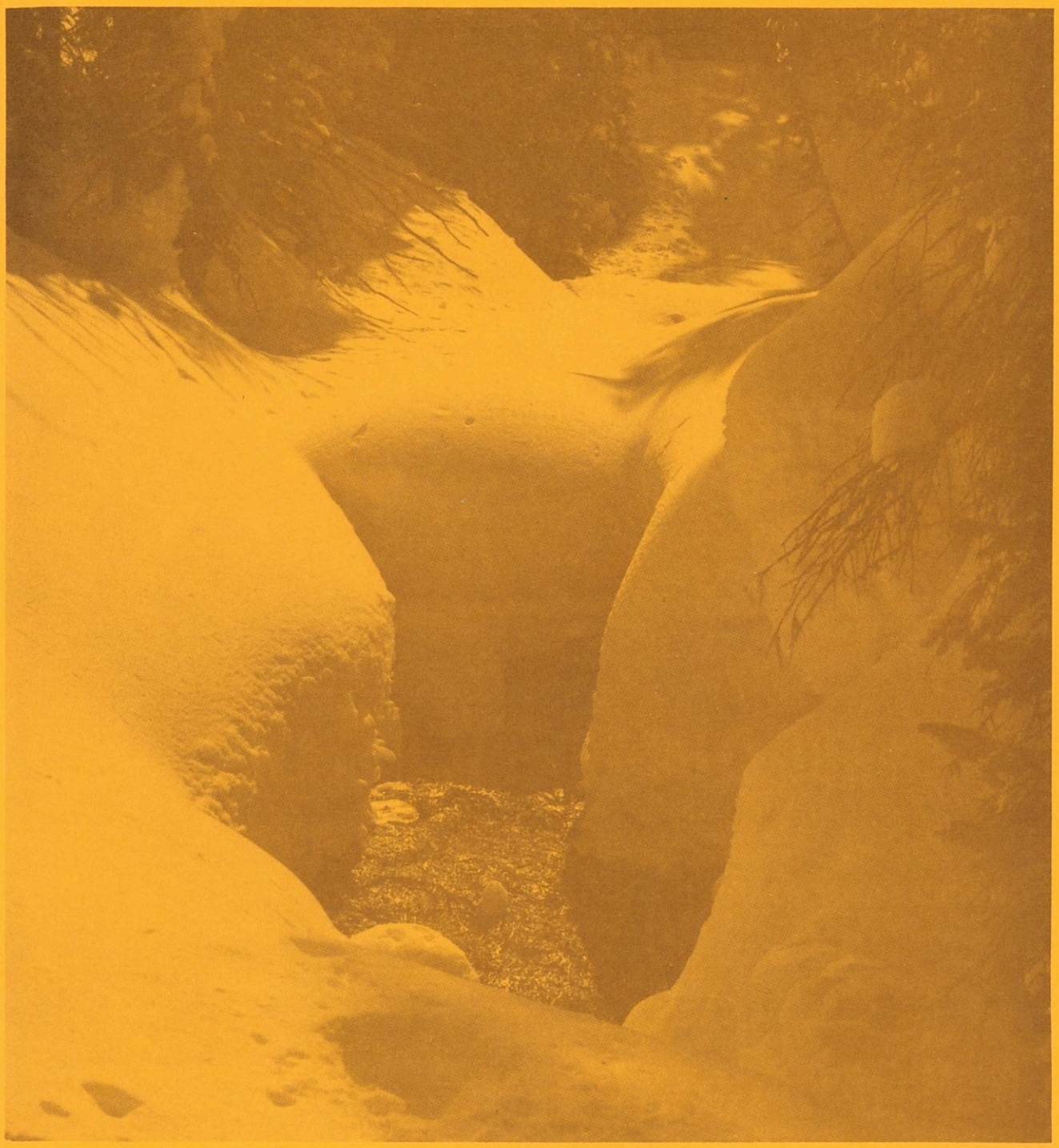
United States
Department of
Agriculture

Soil
Conservation
Service

Salt Lake City
Utah

WATER SUPPLY OUTLOOK FOR UTAH

in Cooperation with Utah State Department of Natural Resources



October 1, 1984

WATER SUPPLY OUTLOOK FOR UTAH

and

FEDERAL-STATE-PRIVATE COOPERATIVE SNOW SURVEYS

Issued by

PETER C. MYERS
CHIEF
SOIL CONSERVATION SERVICE
WASHINGTON, D.C.

Released by

FRANCIS T. HOLT
STATE CONSERVATIONIST
SOIL CONSERVATION SERVICE
SALT LAKE CITY, UTAH

In Cooperation with

UTAH STATE DEPARTMENT OF NATURAL RESOURCES

DEE C. HANSEN
State Engineer
Division of Water Rights

DANIEL F. LAWRENCE
Director
Division of Water Resources

Report prepared by Snow Survey Staff

BOB L. WHALEY, Supervisor

Soil Conservation Service
125 So. State, Fed. Bldg.
P.O. Box 11350
Salt Lake City, Utah 84147

As Of October 1, 1984

* *
* Utah's 1984 season provided adequate or better water *
* supplies for all uses. Again this year flooding *
* occurred in central and northern Utah and structures are*
* still being repaired. A wetter than usual summer and *
* fall reduced irrigation water needs and leaves the *
* state's reservoirs at 92% of capacity and fall soil *
* moisture wetter than average in much of the state. *
* Streamflow forecasts last June 1 were generally less *
* than observed flows in the northern two-thirds of the *
* state and higher than observed flows in the southern *
* one-third of the state. *
* *

Snow melt occurred normally this year, starting about mid April and completing most melt by about June 1 to June 15. Some high shaded areas on the north and east slopes still have snow that will not melt this year.

July-September precipitation was heavier than normal again this year delaying some crop harvest and damaging crops and local areas along stream channels.

Reservoir storage is 157% of the October 1st 20-year average and 92% of useable capacity. Some reservoirs are releasing water to make space for next year's run-off.

The following table is a comparison of forecasts make on May 1 and June 1 with provisional flow measured by the U. S. Geological Survey.

Station	Forecast Period	May 1 Forecast (1000 A. F.)	June 1 Forecast (1000 A. F.)	Measured Flow for the Period (1000 A. F.)	
BEAR RIVER				1984	1983
Bear nr Woodruff	May-July	220	209	237	236
Logan nr Logan (combined)	May-July	122	125	192	153
Blacksmith Fk nr Hyrum	May-July	58	59	104	74
Little Bear nr Paradise	May-June	38	38	72	72
WEBER-OGDEN RIVERS					
Weber nr Oakley	May-June	120	120	146	138
Rockport Reservoir Inflow	May-June	128	128	168	154
Chalk Creek nr Coalville	May-June	53	53	67	58
Weber nr Coalville	May-June	134	134	173	167
Lost Creek nr Croydon	May-June	24	30	30	34
East Cyn. Creek nr Morgan	May-June	37	40	45	43
Echo Reservoir Inflow	May-June	182	182	196	190
Weber River nr Gateway	May-June	374	383	506	474
South Fk Ogden nr Huntsville	May-June	65	82	90	81
Pineview Reservoir Inflow	May-June	129	158	239	161

Station	Forecast Period	May 1 Forecast (1000 A. F.)	June 1 Forecast (1000 A. F.)	Measured Flow for the Period (1000 A. F.)	
PROVO-UTAH LAKE				1984	1983
Little Cottonwood Ck. nr SLC	May-July	53	53	58	61
Big Cottonwood Ck. nr SLC	May-July	54	54	54	57
Parley's Ck. nr SLC	May-July	28	30	31	35
Mill Ck. nr SLC	May-July	12.0	13.0	12.9	12.1
Emigration Ck. nr SLC	May-July	7.0	8.0	8.5	10.4
City Ck. nr SLC	May-July	13.5	14.5	16.1	19.7
S. Willow Ck. nr Grantsville	May-July	4.0	4.0	5.9	3.9
Vernon Ck. nr Vernon	May-June	1.6	1.6	2.2	3.5
Provo River nr Hailstone	May-July	150	160	161	151
Strawberry Reservoir Inflow	May-July	56	98	need July	141
UINTAH BASIN & DAGGETT SCD'S					
Duchesne nr Tabiona	May-July	116	114	134	132
Duchesne at Myton	May-July	350	340	314	--
Strawberry at Duchesne	May-July	80	79	141	162
Currant Creek nr Fruitland	May-July	26	30	47	49
Whiterocks nr Whiterocks	May-July	72	63	56	109
SEVIER RIVER INCL. BEAVER RIVER					
Sevier at Hatch	May-July	47	47	39	129
Beaver nr Beaver	May-July	54	51	47	70
Oak Creek nr Oak City	May-July	2.0	1.9	2.6	3.5
Chicken Creek nr Levan	May-July	7.0	7.0	Not Avail.	
SAN RAFAEL, MUDDY, VIRGIN, AND FREMONT RIVERS INCL. MILL CK. NR MOAB					
Cottonwood Ck. nr Orangeville	May-July	96	102	159	151
Ferron nr Ferron	May-July	74	75	77	73
Muddy Creek nr Emery	May-July	34	34	44	43
Seven Mile Creek nr Fish Lake	May-July	12.1	12.2	14.7	23
Mill Creek nr Moab	May-July	8.0	7.3	17.4	11.9
Virgin nr Hurricane	May-June	25	20	21	171
Coal Ck. nr Cedar City	May-July	19.0	19.0	16.3	54

RESERVOIR STORAGE (Thousand Acre Feet) END OF MONTH

Basin or Stream	RESERVOIR	Usable Capacity	Usable Storage		
			This Year	Last Year	Average+
GREAT BASIN					
Bear River	Bear Lake	1421.0	1279.1	1319.1	1012.8
	Woodruff Narrows	55.8	55.1	57.3	--
	Woodruff Creek	4.0	--	4.0	--
Beaver River	Minersville (RkyFd)	26.0	15.2	18.3	4.9
Little Bear	Hyrum	15.3	14.0	15.2	7.4
	Porcupine	11.3	5.0	3.6	1.8[b]
Ogden	Causey	6.9	3.4	5.0	1.8[b]
	Pineview	110.1	80.6	90.6	52.7
Provo	Deer Creek	149.7	125.7	139.2	85.9[b]
Settlement Creek	Settlement Creek	1.2		1.0	0.3[b]
	Vernon Creek	0.6	0.6	0.6	0.1[b]
Sevier River	Gunnison	18.2	15.6	13.8	3.9[b]
	Otter Creek	52.5	49.4	48.4	16.8
	Piute	71.8	44.7	52.4	11.7
	Sevier Bridge	236.0	113.4	100.6	55.3
	Panguitch Lake	22.3	20.5	19.2	--
Spanish Fork	Strawberry	270.0	268.3	271.7	132.0
Utah Lake	Utah Lake	883.9	1114.9	1152.3	516.6
Weber	East Canyon	48.1	41.2	39.8	31.6[b]
	Echo	73.9	38.5	27.5	23.9
	Lost Creek	20.0	15.3	14.3	13.1[b]
	Rockport	60.9	57.9	55.0	40.6
	Willard Bay	193.3	157.4	152.5	152.6[b]
COLORADO R. BASIN					
Ashley Creek	Steinaker	33.3	22.8	22.1	16.1[b]
	Red Fleet	26.0	19.4	22.0	--
Colorado	Blue Mesa	829.5	789.5	740.0	--
	Lake Powell	25002.0	24328.0	24800.0	--
Green	Flaming Gorge	3749.0	3683.4	3675.0	--
Lakefork	Moon Lake	35.8	20.2	24.8	9.1
Price River	Scofield	65.8	43.9	50.1	30.4
San Juan	Navajo	1696.0	1632.8	1617.0	--
	Ken's Lake	2.3	0.2	1.5	--
San Rafael	Huntington North	3.9	2.7	2.9	1.2[b]
	Joe's Valley	54.6	42.3	41.6	44.3[b]
	Mill Site	16.7	9.3	10.3	2.8[b]
Strawberry	Starvation	165.3	154.3	156.6	104.6[b]
	Soldier Creek	951.4	43.6	97.0	--
Uintah	Bottle Hollow	11.3	--	11.1	10.1[b]

USDA-SCS-PORTLAND, OREG. 1969

b Average of past record in average period - less than 20 years

UTAH PRECIPITATION DATA

1984 WATER YEAR

STATION NAME	OCT.-DEC.	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY-SEPT.	TOTAL
BEAR RIVER BASIN									
BUG LAKE	12/30 19.17	1/28 2.50	3/01 1.60	3/29 2.60	4/27 3.40	5/29 2.00	7/02 2.44	10/02 5.80	39.51
BURTS-MILLER	1/06 7.40	1/30 0.49	3/01 0.68	4/03 2.73	4/28 1.97	5/28 1.39	6/26 2.26	9/25 7.00	23.92
CLARKSTON MTN								10/03	43.26
FRANKLIN BASIN	1/31 23.90	2/01 4.10	3/01 3.80	4/01 3.70	5/01 5.30	6/01 4.10	7/01 4.00	10/01 8.40	57.30
GARDEN CTY SMT	1/09 17.81	1/27 1.98	3/01 1.15	3/29 2.07	4/27 3.30	5/29 2.39	7/02 2.55	10/02 7.54	38.79
GEORGE PEAK									
HAYDEN FORK	1/06 16.56	1/30 1.30	3/02 1.31	4/03 4.69	4/28 2.33	5/28 2.80	6/20 3.53	9/25 8.35	40.87
HERD HOLLOW								10/03	41.15
LILY LAKE	1/06 13.61	1/31 1.00	3/01 1.29	4/03 4.07	4/28 2.66	5/28 2.14	6/26 3.14	9/25 8.65	36.56
LITTLE BEAR UP	1/03 22.34	1/29 0.73	2/22 3.13	3/28 2.69	4/24 3.28	5/30 2.92	6/19 3.05	10/02 7.01	45.15
KLONDIKE NAWS	12/29 18.62	1/27 1.74	3/02 2.57	3/29 2.17	4/27 2.55	5/29 2.71	7/02 4.31	9/25 7.08	41.75
MONTE CRISTO	12/30 21.47	1/28 1.90	3/01 2.23	3/28 3.59	4/24 3.96	5/29 3.91	6/21 3.94	10/09 6.62	47.62
SALT RIVER SMT	12/29 12.50	1/30 1.81	2/27 2.10	3/29 2.30	4/26 2.80				
STILLWATER CMP	1/06 11.41	1/30 0.70	3/02 1.08	4/30 3.14	4/28 2.21	5/28 1.25	6/26 3.05	9/25 9.19	32.03
TONY GROVE LK	1/01 32.00	2/01 0.40	3/01 5.60	4/01 6.80	5/01 5.60	6/01 3.80	7/01 3.60	10/01 7.50	65.30
TONY GROVE RS	1/09 19.60	1/27 1.27	3/01 1.93	3/29 2.14	4/29 2.38	5/29 2.43	7/12 2.49	10/01 8.87	41.11
WILLOW FLAT	12/29 23.13	1/27 2.15	2/29 3.15	3/29 4.03	4/27 4.33	5/31 3.73	6/28 4.24	9/28 7.80	52.56
WEBER-OGDEN RIVER BASINS									
BEN LOMOND PK	1/01 54.50	2/01 5.60	3/01 10.70	4/01 8.10	5/01 5.40	6/01 2.80	7/01 7.50	10/01 16.00	10.60
CAUSEY DAM	12/30 13.76	1/23 0.82	3/01 1.13	3/28 1.43	4/24 1.29	5/29 2.06		10/09 8.71	29.20
CHALK CREEK 1	1/06 18.70	1/30 1.20	3/02 4.12	3/31 3.75	4/27 4.94	5/29 2.94	7/01 5.17	9/26 11.50	52.32
CHALK CREEK 2	1/06 12.40	1/30 0.80	3/02 2.12	3/31 3.00	4/27 3.31	5/29 2.94	6/27 3.08	9/26 8.15	35.60
CHALK CREEK 3	1/06 14.15	1/30 0.87	3/02 1.37	3/31 2.36	4/27 3.15	5/28 1.42	6/27 3.79	9/26 7.84	34.95
DRY BREAD POND	12/30 18.00	1/28 2.30	3/01 1.90	3/28 2.10	4/24 2.00	5/29 2.70	7/01 3.70	10/01 4.50	37.20
FARMINGTON GS	1/03 23.17	1/26 2.43	3/02 3.50	3/28 3.50	4/24 4.64	5/28 4.80	7/01 2.30	10/24 5.35	49.69
FARMINGTON LWR	1/03 26.35	1/26 2.45	3/02 3.46	3/28 3.47	4/24 4.95	5/28 5.30	7/01 5.10	10/24 11.90	62.98
FRANCIS CANYON							7/09 24.95	10/09 4.70	29.65
GUILDERS PEAK							7/09 33.20	10/09 5.90	39.10
HORSE RIDGE	1/10 23.86	1/26 1.65	3/01 2.23	3/28 3.51	4/24 2.83	5/28 3.70	7/10 4.22	9/26 5.00	47.20
LOST CREEK	12/30 11.60	1/26 0.72	3/01 0.71	3/28 1.06	4/24 0.91	5/29 2.41	7/09 2.94	10/09 5.80	26.15
PARLEY CYN SMT	12/29 20.85	1/27 1.41	2/29 2.65	3/28 3.79	4/26 4.74	5/30 2.37	7/01 5.80	10/09 8.14	49.95
PINE CANYON								9/26	39.51
PORCUPINE							6/27 30.34	9/26 6.85	37.19
REDDEN MINE LW	1/06 11.74	1/30 1.05	2/28 2.38	3/31 3.77	4/27 4.20	5/28 1.63	6/25 3.70	9/27 7.32	35.79
SAGEBRUSH FLAT	12/30 11.77	1/28 1.00	3/01 1.00	3/28 1.45	4/24 0.97	5/29 2.12	6/21 2.82	10/09 6.20	27.33

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

UTAH PRECIPITATION DATA

1964 WATER YEAR

STATION NAME	OCT.-DEC.	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY-SEPT.	TOTAL
SERGEANT LAKES							6/25 35.05	9/26 7.55	42.60
SM+NOREHOUSE	1/06 14.20	1/30 0.99	3/02 2.28	3/31 3.33	4/27 3.15	5/28 1.80	6/25 3.88	9/27 9.35	38.98
BEN LOMOND TRL	1/03 31.74	2/03 1.41	3/02 3.82	3/28 2.75	4/24 2.87	5/30 3.24	6/19 5.25	10/09 8.35	59.43
UTAH LAKE-JORDAN RIVER BASIN									
BEAVER DIVIDE	1/01 15.80	2/01 0.80	3/01 0.80	4/01 2.70	5/01 3.90	6/01 1.00	7/01 2.70	10/01 10.80	38.50
CLEAR CR RDG 2	1/05 13.90	1/31 0.78	2/27 2.12	3/29 3.08	4/28 4.20	5/27 1.43	7/02 4.24	10/03 8.35	38.10
DANIEL-STR SMT	1/06 15.95	1/26 0.80	2/28 1.86	3/30 2.77	4/28 1.95	5/27 2.65	6/27 3.96	10/01 7.59	37.53
DESERET PEAK								9/26	61.81
EAST PORTAL	12/30 17.67	1/31 1.16	2/28 1.95	3/30 2.30	4/30 2.85	6/01 1.46	7/01 3.91	10/01 5.60	36.90
HOBBLE CK SMT	1/06 16.60	1/26 1.40	2/23 1.93	3/30 2.92	4/28 3.58	5/27 1.41	6/29 3.54	10/01 5.60	36.98
LAKE CREEK							6/25 36.09	9/24 8.40	44.49
LAMBS CANYON	12/29 15.24	1/27 0.85	2/29 2.00	3/28 2.70	4/26 4.27			10/03 16.48	41.54
MIDDLE CANYON	1/01 16.30			4/03 13.05	4/30 7.38			10/24 9.67	46.40
PAYSON RS	12/28 16.82	1/26 1.77	2/23 2.65	3/30 4.82	4/24 4.19	5/25 2.74	6/29 4.04	10/02 8.05	45.08
ROCKY BASIN-SC	1/01 20.80	2/01 1.90	3/01 3.90	4/01 5.80	5/01 9.70	6/01 2.30	7/01 5.30	10/01 7.10	56.60
SOAPSTONE RS	1/05 15.75	1/31 0.80	2/28 1.54	3/31 2.84	4/27 3.02	5/28 1.44	6/26 3.27	9/25 7.18	35.84
TIMPANOGOS DIV	1/01 17.90	2/01 1.70	3/01 3.30	4/01 3.00	5/01 3.10	6/01 1.70	7/01 4.10	10/01 8.60	43.40
TRIAL LAKE	1/05 21.42	1/31 0.93	3/02 2.63	3/31 3.27	4/28 4.03	5/29 2.35	6/26 4.23	9/25 9.60	48.46
VERNON CREEK	12/29 14.95	2/01 1.75	3/01 1.80	4/01 1.80	4/29 3.50	6/01 1.20	7/01 2.20	10/01 2.20	29.40
DUCHESNE-GREEN RIVER BASIN									
ATWOOD LAKE	1/01 10.50	2/01 0.10	3/01 0.80	4/01 1.60	5/01 4.10	6/01 0.50	7/01 1.40	10/01 9.80	28.80
BLACKS FK JCT	1/06 10.68	1/31 0.82	3/02 0.72	4/03 2.70	4/28 2.40	5/28 1.92	6/26 2.11	9/25 8.74	30.09
BROWN DUCK RDG	1/06 16.69	2/02 0.70	2/29 2.70	4/02 2.88	4/28 2.93	5/28 1.26	7/11 2.78	9/27 9.05	38.99
BUCK PASTURE								10/01	43.14
BURNT CREEK	12/30 9.80	1/27 0.40	2/29 1.00	3/28 2.00	4/30 3.75	5/31 1.25	6/28 2.20	9/26 8.05	28.45
CHEPETA MTROCK	1/01 10.02	2/01 0.70	3/01 1.70	4/01 2.50	5/01 3.60	6/01 1.30	7/01 2.50	10/01 10.01	32.53
CURRANT CREEK	1/06 12.20	1/26 0.90	2/28 1.14	3/30 1.60	4/28 1.93	5/27 1.43	6/15 2.64	9/24 7.38	29.28
E FK BLACKS FK	1/06 10.66	1/31 0.87	3/02 0.73	4/03 3.77	4/28 2.43	5/28 2.21	8/26 1.84	9/25 9.14	31.65
FIVE POINT LK	1/01 18.10	2/01 0.80	3/01 1.80	4/01 1.60	5/01 3.60	6/01 1.60	7/01 1.30	10/01 8.00	36.60
GRIZZLY RIDGE	12/30 11.30	1/09 1.00	2/29 1.75	3/28 2.75	4/30 4.15	5/31 1.65	6/28 3.50	9/26 8.05	34.15
HENRYS FORK								9/19	36.27
HICKERSON PARK	1/06 7.35	2/02 0.45	3/01 0.81	4/03 3.36	4/28 3.34	5/28 1.39	6/28 1.34	9/26 7.95	25.99
HEWINTA GS	1/06 11.60	1/31 0.95	3/01 0.89	4/03 3.56	4/28 3.15	5/28 2.11	6/26 2.13	9/25 8.42	32.81
INDIAN CANYON	1/06 11.13	1/31 0.49	2/27 1.07	3/31 2.16	4/28 2.16	5/27 1.19	6/14 1.59	9/25 7.62	27.41
JACKSON PARK	1/06 12.37	2/02 0.50	2/29 2.62	4/03 2.96	4/28 4.07	5/28 1.14		9/26 11.84	35.50
KIDNEY LAKES								9/19	36.82

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

UTAH PRECIPITATION DATA

1964 WATER YEAR

STATION NAME	OCT.-DEC.	JANUARY		FEBRUARY		MARCH		APRIL		MAY		JUNE		JULY-SEPT.		TOTAL
KINGS CABIN UP	1/06 10.68	2/01	0.75	3/01	1.51	4/03	3.65	4/28	1.88	5/28	1.41	6/11	3.82	9/26	9.35	33.05
LAKEFORK BASIN	1/01 12.30	2/01	1.00	3/01	1.40	4/01	2.70	5/01	3.30	6/01	2.30	7/01	3.10	10/01	12.40	38.50
LAKEFORK MTN 1	1/06 10.99	2/02	0.40	2/29	1.36	4/02	2.25	4/28	2.22	5/28	1.52	7/10	2.25	9/20	8.00	28.99
LIGHTNING LAKE	1/01 21.40	2/01	1.70	3/01	3.70	4/01	3.80	5/01	5.00	6/01	3.00	7/01	4.10	10/01	14.40	57.10
MOSBY MOUNTAIN	1/07 10.47	2/01	0.65	3/01	1.46	4/03	3.50	4/28	1.81	5/28	1.12	6/27	3.24	9/25	7.55	29.80
PARADISE PARK	1/07 10.63	2/01	0.61	2/29	1.22	4/03	3.13	4/28	2.07	5/28	1.40	6/27	2.90	9/28	10.25	32.21
REYNOLDS PARK														9/19		26.62
ROCK CREEK	1/06 9.89	2/02	0.40	2/29	1.11	4/02	3.23	4/28	1.53	5/28	1.09	6/11	1.47	9/25	8.30	27.02
SHADOW LAKE													8	1/5		36.50
SPIRIT LAKE	1/06 10.10	1/31	0.75	3/01	1.72	4/03	5.28	4/24	4.00	5/28	2.55	6/28	2.20	9/26	11.40	38.00
STEEL CRK PARK	1/01 12.70	2/01	1.20	3/01	1.30	4/01	3.50	5/01	4.60	6/01	2.30	7/01	2.40	10/01	9.50	37.50
TROUT CREEK	1/06 7.33	2/01	0.62	2/29	1.34	4/03	4.01	4/28	2.79	5/28	1.38	6/27	3.26	9/26	11.55	32.28
W FK DUCHESNE												6/27	34.45	9/24	7.45	41.90
PRICE-SAN RAFAEL RIVER BASIN																
BLACKS FLAT-UM	1/04 12.18	1/29	1.03	2/26	1.63	3/27	4.08	4/24	3.79	5/26	1.95	6/28	3.07	10/01	7.10	34.83
BUCKBOARD FLAT	1/03 13.77	1/31	1.45	2/23	1.55	3/28	2.15	4/27	3.55	5/30	1.30	6/27	2.60	9/27	5.45	31.82
BUCK FLAT	1/04 18.95	1/30	1.60	2/26	2.33	3/28	4.30	4/25	3.77	5/26	2.53	7/01	3.80	9/26	6.22	43.50
CAMP JACKSON	1/04 11.38	1/31	1.45	2/23	1.05	3/28	1.45	4/27	3.05	5/30	0.45	6/27	2.15	9/27	8.35	29.33
DILLS CAMP	1/04 15.22	1/29	1.20	2/26	2.16	3/28	3.60	4/24	3.26	5/26	2.05	7/01	3.20	9/26	8.88	39.57
FISH LAKE	1/04 8.60	1/29	0.30	2/26	7.90	3/28	3.80	4/24	2.76	5/26	1.28	6/26	2.77	10/01	5.85	33.26
GOOSEBERRY RES	1/05 21.26	1/31	1.04	2/27	2.82	3/29	3.68	4/25	3.58	5/26	1.53	7/02	6.07	9/27	5.95	45.93
LASAL MTN UPR	12/27 13.08	1/30	3.78	2/22	2.15	3/29	4.45	4/27	5.55	5/31	0.65	6/27	4.05	9/25	8.70	42.41
MUD CREEK	1/06 16.51	1/31	0.51	2/27	1.72	3/29	2.24	4/25	3.73	5/27	2.37	7/01	3.69	9/26	5.77	36.54
ORANGE OLSEN	1/05 9.37	1/30	0.41	2/27	0.97	3/29	1.20	4/24	1.88	5/27	0.97	7/01	2.52	9/27	3.35	20.67
RED PINE RIDGE	1/05 21.60	1/30	0.80	2/27	3.20	3/29	4.60	4/24	5.30	5/27	1.70	7/01	4.50	10/01	5.90	46.40
STUART RS OLD	1/05 14.23	1/30	0.40	2/27	1.37	3/29	1.06	4/24	2.81	5/27	2.37	7/01	4.53	9/27	6.00	32.77
WHITE RIVER #1	1/06 14.54	1/31	0.73	2/27	1.37	3/31	2.72	4/28	2.84	5/27	1.32	7/17	2.56	9/26	7.34	33.42
SEELEY CREEK	1/01 13.10	2/01	1.30	3/01	2.50	4/01	4.30	5/01	3.40	6/01	3.00	7/01	7.10	10/01	6.80	41.50
SEVIER-BEAVER RIVER BASINS																
BEAVER DAMS	1/04 18.18	1/30	0.83	2/26	3.89	3/28	4.62	4/25	4.14	5/26	2.11	7/01	2.90	9/30	6.00	42.67
BIG FLAT	1/03 16.84	1/27	1.10	2/24	1.54	3/25	2.78	4/28	6.22	5/25	1.72	6/26	2.33	10/03	9.77	42.30
BOX CREEK	1/03 13.87	1/29	1.15	2/26	2.88	3/25	2.73	4/24	5.95	5/26	1.31	6/26	2.69	9/25	6.06	36.84
CASTLE VALLEY	12/30 12.85	1/28	1.41	2/24	2.77	3/25	2.06	4/27	5.46	5/25	0.41	6/27	0.39	9/26	7.25	35.60
DUCK CREEK	12/30 12.50	1/28	1.37	2/25	1.02	3/25	0.91	4/27	2.87	5/26	0.19	6/28	3.98	9/26	7.13	29.97
FARNSWORTH LK	1/04 14.75	1/29	0.93	2/26	4.92	3/28	8.57	4/24	8.75	5/26	3.42	7/25	4.65	9/25	4.84	50.83
SBRC HEADQTRS	1/05 18.10	1/30	1.11	2/27	4.55	3/29	6.06	4/25	5.56	5/26	2.44	7/01	4.62	10/01	4.84	47.28

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

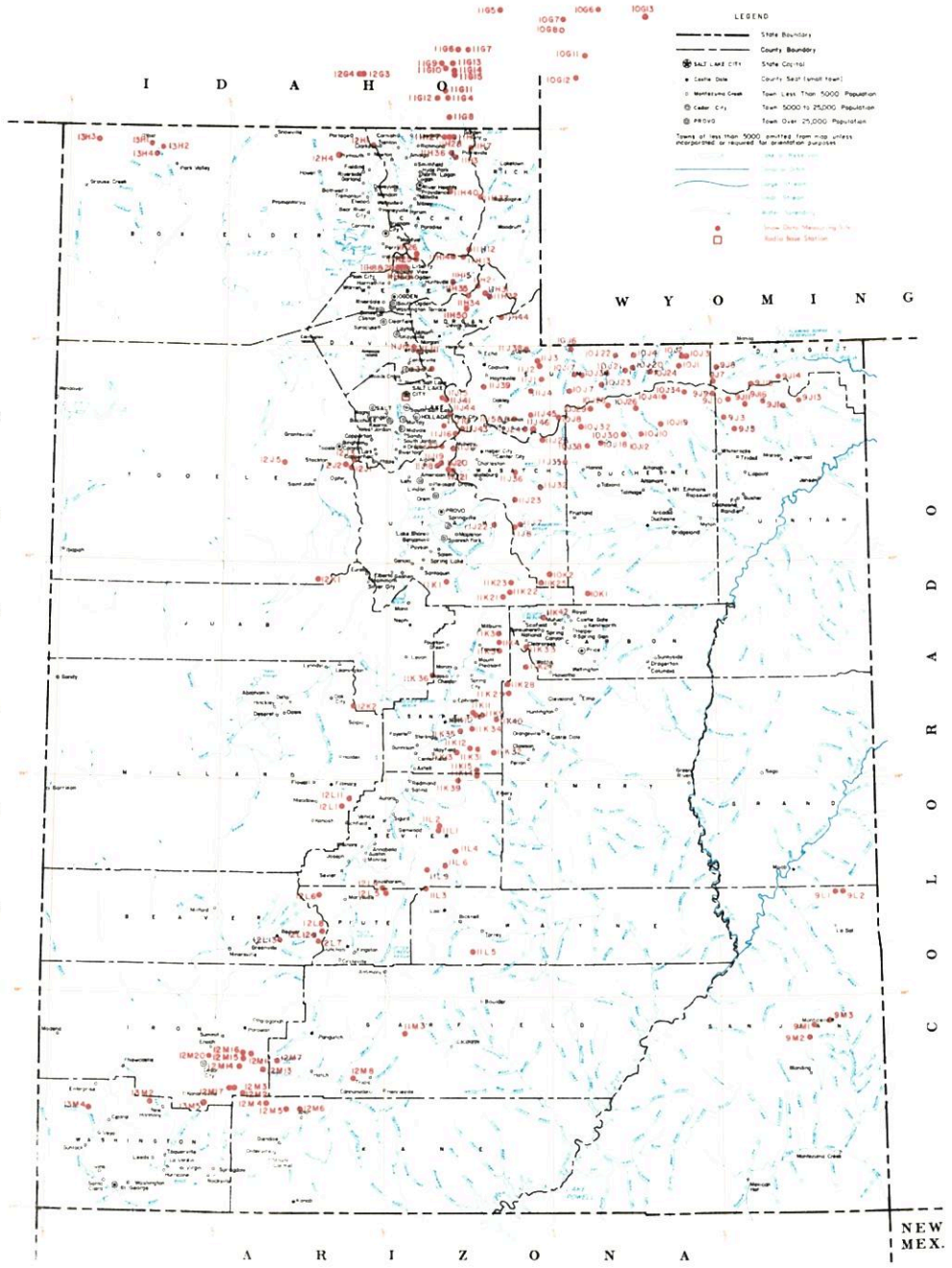
UTAH PRECIPITATION DATA

1984 WATER YEAR

STATION NAME	OCT.-DEC.	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY-SEPT.	TOTAL
GBRC MAJORS	1/09 11.60					6/01 1.30	7/01 2.90	10/01 3.35	
GBRC MEADOWS	1/05 20.25	1/30 1.53	2/27 5.36	3/29 5.71	4/25 7.67	5/26 3.63	7/01 5.60	10/01 7.45	56.60
GBRC OAKS	1/09 10.85					6/01 13.30	7/01 3.25	10/01 3.40	30.80
GOOSEBERRY RS	1/04 12.88	1/29 0.84	2/26 3.73	3/27 5.16	4/24 6.17	5/26 1.90	6/29 2.92	9/24 6.47	40.07
HARRIS FLAT	1/01 6.30	2/01 0.80	3/01 0.90	4/01 1.40	5/01 0.40	6/01 0.00	7/01 0.40	10/01 5.40	15.60
KIMBERLY MINE	12/29 15.10	1/27 2.12	2/24 3.96	3/25 4.77	4/28 13.58	5/25 1.00	6/26 2.44	10/01 9.80	52.77
MERCHANT VALLY	1/03 14.83	1/27 0.97	2/24 1.91	3/25 2.86	4/28 5.68	5/25 1.25	6/26 2.86	10/03 95 7	39.93
MIDWAY VALLEY	1/01 13.90	2/01 2.00	3/01 2.20	4/01 3.30	5/01 3.70	6/01 0.10	7/01 1.30	10/01 12.90	39.40
MT BALDY RS	1/04 15.81	1/30 1.50	2/26 3.12	3/28 4.76	4/24 7.35	5/26 1.79	7/01 2.82	9/27 5.47	42.62
OAK CREEK	12/29 16.37	1/26 1.21	2/23 2.14	3/27 4.21	4/28 4.57	5/25 1.40	6/28 2.58	10/03 4.59	40.85
PANGUITCH LAKE	12/30 6.82	1/28 0.72	2/24 1.47	3/25 0.83	4/27 2.70	5/25 0.21	9/26 0.29	9/26 9.80	22.84
PICKLE KEG SPG	1/01 19.30	2/01 1.80	3/01 5.50	4/01 6.40	5/01 9.80	6/01 2.00	7/01 3.10	10/01 6.00	53.90
PINE CREEK	12/29 23.84	1/26 2.00	2/23 7.92	3/25 6.68	4/28 12.60	5/25 0.89	6/28 5.20	10/03 8.92	68.05
REES FLAT	12/29 15.60	1/26 1.23	2/23 2.78	3/27 4.59	4/24 2.28	5/25 2.86	7/02 4.60	9/27 5.15	39.09
SHINGLE MILL	1/03 15.75	1/31 1.00	3/01 5.06	3/28 6.14	4/30 9.50	6/01 0.68	7/01 4.16	10/03 8.17	50.46
WIDSTOE-ESCL 3	12/31 10.05	1/28 0.74	2/25 1.02	3/25 1.41	4/27 4.43	5/26 0.22	6/28 1.08	9/26 8.42	27.37
MAMMOTH-COTTON	1/01 14.90	2/01 .90	3/01 1.80	4/01 2.80	5/01 3.50	6/01 1.40	7/01 4.30	10/01 6.60	36.20

COAL CREEK-VIRGIN-ESCALANTE RIVER BASINS

KOLOB CRYSTAL	1/01 9.30	2/01 1.50	3/01 2.80	4/01 3.10	5/01 1.90	6/01 1.20	7/01 1.10	10/01 9.90	30.80
LITTLE GRASSY	12/30 9.95	1/27 0.57	2/24 0.73	3/25 0.34	4/27 2.38	5/25 0.06	7/01 0.90	9/27 8.09	23.02
LONG FLAT	12/30 3.88	1/27 0.70	2/24 1.74	3/25 0.86	4/27 4.03	5/25 0.12	7/01 1.00	10/01 8.20	20.53
TALL POLES	12/28 9.90	1/30 1.75	2/27 3.55	3/29 3.30	4/30 5.13	5/31 0.60	6/28 0.85	9/26 9.20	34.28
WEBSTER FLAT	12/30 12.00	1/28 1.99	2/24 3.10	3/25 1.35	4/27 6.47	5/25 1.63	6/27 0.49	9/26 7.18	34.21
YANKEE RESVR	12/30 7.85	1/27 1.90	2/24 2.60	3/25 2.05	4/28 1.45	5/25 0.57	6/28 0.75	9/26 8.65	25.82



SNOW COURSES AND RELATED DATA MEASURING SITES

UTAH

1983

ALBERS EQUAL AREA PROJECTION

INDEX TO UTAH, BEAR & UPPER COLORADO RIVER BASINS

GREAT BASIN DRAINAGE

Number	State	Name	Section	Township	Range	Elevation
		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
10J7PST	U	Hayden Fork	25	1N	9E	9,400
10G12PST	W	Kelly Ranger Station	13	26N	118W	8,200
10J25p	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
10G8PST	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
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
11G6PST	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 No. 1	7	14N	3E	8,500
11H28	U	Steep Hollow No. 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
11H30PST	U	Ben Lomond Trail	2	7N	1W	6,000
11H35p	U	Causey Dam	34	7N	3E	5,500
11H13MPST	U	Dry Bread Pond	19	8N	4E	8,350
11H34p	U	Gruller's Peak	21	6N	4E	8,050
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 No. 1	4	1N	8E	9,100
11J2MPST	U	Chalk Creek No. 2	29	2N	8E	8,200
11J3MP	U	Chalk Creek No. 3	7	2N	8E	7,500
11J35a	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
11J43P	U	Park City Summit	30	2S	4E	9,300
11J15PST	U	Parley's Canyon Summit	5	1S	3E	7,500
11H50P	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
11J39pa	U	Sergeant Lakes	9	1N	6E	8,300
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 No. 1	18	11S	6E	9,200
11K22PST	U	Clear Creek Ridge No. 2	9	11S	6E	8,000
11K23	U	Clear Creek Ridge No. 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
11K1P	U	Payson R. S.	30	10S	3E	8,050
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
12J2	U	Bevan's Cabin	24	4S	4W	6,450
12J5P	U	Deseret Peak	15	4S	7W	9,250
11J41P	U	Lamb's Canyon No. 2	21	1S	3E	7,500
12J3P	U	Middle Canyon	8	4S	3W	7,000
11J44	U	Mill Creek	29	1S	2E	6,950
11J10	U	Mill D South Fork	18	2S	3E	7,400
12J1PST	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	Cattle Valley	23	36S	8W	9,580
12M4P	U	Duck Creek R. S.	11	38S	8W	8,700
12M5PST	U	Harris Flat	24	38S	7W	7,700
11L9p	U	High-Top Mountain	36	25S	1E	11,400
12L6PST	U	Kimberly Mine	11	27S	5W	9,300
12M2MPST	U	Midway Valley	26	37S	9W	9,500
12M7P	U	Panguitch Lake	4 & 5	36S	7W	8,200
12L5	U	Squaw Springs	3	27S	2W	9,300
		LOWER SEVIER RIVER (including San Pitch River)				
11K13PST	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
11K31	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
11K35U	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

Number	State	Name	Section	Township	Range	Elevation
		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. - E. 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
9J1PST	U	King's Cabin (upper)	22	1S	21E	8,730
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
10J41ap	U	Atwood Lake	13	4N	4W	10,840
10J30PST	U	Brown Duck Ridge	8	2N	6W	10,600
9J9PST	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
10J26PST	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
10J25PST	U	Lakefork Basin	13	4N	7W	11,190
10J10PST	U	Lakefork Mountain	2 & 3	2N	5W	10,200
10J12	U	Lakefork Mountain No. 3	20	2N	4W	8,400
10J29PST	U	Lightning Lake	23	4N	6W	10,500
9J5PST	U	Mosby Mountain	33	3N	1E	9,500
9J3P	U	Paradise Park	7	3N	1E	10,100
10J18PST	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				
11K42P	U	Dry Valley Divide Alternate	14	11S	7E	8,100
11K33MP	U	Mud Creek	4	14S	7E	8,600
10K2MPST	U	White River No. 1	11	10S	8E	8,550
11K25	U	White River No. 3	30	10S	8E	7,400
		SAN RAFAEL RIVER				
11K31PST	U	Buck Flat	23	19S	4E	9,400
11K4	U	Gooseberry Reservoir	25	13S	5E	8,700
11K5P	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
11K9PST	U	Seeley Creek	25	12S	4E	10,000
11K27P	U	Stuart R. S.	8	15S	7E	7,950
11K29	U	Upper Joe's Valley	21	16S	6E	6,900
11K32	U	Wrigley Creek	27	19S	5E	9,000
		MUDDY RIVER				
11K14	U	Black's Fork	24	20S	4E	9,200
11K15PST	U	Dill's Camp	27	20S	4E	9,200
		FREMONT RIVER				
11L4PST	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
9L2PSTT	U	LaSal Mountain (Upper)	3	27S	24E	9,850
9M3	U	Monticello Park	25	33S	23E	7,050
		ESCALANTE RIVER				
11M3PST	U	Widtsoe-Escalante No. 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 Markers
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