Water Supply Outlook For Utah

SOIL CONSERVATION SERVICE
U.S. DEPARTMENT OF AGRICULTURE

Cooperating with

UTAH STATE DEPARTMENT of NATURAL RESOURCES

AS OF
JAN. 1, 1980

USDA-SCS PORTLAND, OR 1979

WATER SUPPLY OUTLOOK FOR UTAH

and

FEDERAL - STATE - PRIVATE COOPERATIVE SNOW SURVEYS

Issued by

NORMAN A. BERG

ADMINISTRATOR
SOIL CONSERVATION SERVICE
WASHINGTON, D.C.

Released by

GEORGE D. McMILLAN

STATE CONSERVATIONIST
SOIL CONSERVATION SERVICE
SALT LAKE CITY, UTAH

In Cooperation with

UTAH STATE DEPT. OF NATURAL RESOURCES

DEE C. HANSEN
State Engineer
Division of Water Rights

DANIEL F. LAWRENCE
Director
Division of Water Resources

Report prepared by

BOB L. WHALEY, Snow Survey Supervisor
DAVID A. JOHNCOX, Hydrologic Technician
and
JOAN E. OLSEN, Clerk

SOIL CONSERVATION SERVICE
SNOW SURVEY SECTION
4420 FEDERAL BUILDING
SALT LAKE CITY, UTAH 84138

IF YOU WERE UNABLE TO ATTEND ONE OF THE SCHEDULED SNOW SURVEY PUBLIC PARTICIPATION MEETINGS BUT WANT TO STATE YOUR OPINION ON THE FUTURE STATUS OF THE SNOW SURVEY AND WATER SUPPLY FORECASTING PROGRAM, PLEASE WRITE YOUR COMMENTS IN THE SPACE PROVIDED BELOW. IF YOU ATTENDED ONE OF THE MEETINGS BUT WISH TO COMMENT FURTHER, PLEASE DO SO. YOUR PARTICIPATION AND COOPERATION IS GREATLY APPRECIATED.

NOTE: *In our letter to you dated December 20, 1979, we provided you with a brief fact sheet on the existing program in Utah and a listing of some of the possible alternatives for conducting the program in the future. If you did not receive this information, we would be happy to provide copies. Our telephone number is 524-5051. Ask for Beverly Miller or Bob Whaley.*

Name _____

Address _____

_____

_____

Organization _____

COMMENTS

(Fold, staple/tape, and mail to SCS, RM. 4012 Federal Bldg, SLC, Utah 84138.)

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WATER SUPPLY OUTLOOK

as of
January 1, 1980

* *
* Utah's 1980 water supply outlook varies from well below *
* average to near average. Snow cover ranges from half *
* average to near average with dry watershed soils. Reser- *
* voir storage averages 97% statewide, and streamflow fore- *
* casts range from about 30 to 80% of average on the Bear *
* to 120% on the San Juan. *
* *

SNOW COVER

Snow surveys taken the last week of December were generally well below average although much better than for January 1, 1977.

Basin snow cover averages range from only 51% on the Bear River to 109% for the head of the Escalante River at Widtsoe #3 snow course. The Ogden Basin is 58% of average, Weber and Provo 64%, Salt Lake Front 62%, Duchesne 66%, Price 67%, San Rafael 83%, Muddy 78%, Beaver 76%, Upper Sevier 61%, Lower Sevier 98% and Virgin 63% of the January 1 average.

On the average statewide, we should have 42% of our normal April 1 accumulation on the ground by January 1. This year we have only 27% on the ground which means we will need to make up 15% by April 1 to have an average year for snow water content.

This year the SNOTEL radio system has 48 stations operational in Utah. Daily readings will be tabulated and published monthly in graphical form in the Water Supply Bulletin. In addition to the monthly graphs on these sites, a weekly SNOTEL update will be sent to those needing a more frequent update on snow pack conditions.

PRECIPITATION

Fall precipitation at mountain stations follows the general snow cover pattern since very little rain fell prior to the first snow on October 18. Most stations were 30 to 70% of the October-December average with a few stations near average in Central Utah and a few above average on the extreme eastern end of the Uintahs above Manila.

SOIL MOISTURE

Watershed soils are generally much drier than usual due to the lack of precipitation prior to the first snow on October 18.

RESERVOIR STORAGE

Storage in 24 of Utah's key irrigation reservoirs is 97% of the 15 year average and only 3% less than last year statewide. A few reservoirs were drawn down to low levels as a result of the lack of precipitation last

WATER SUPPLY OUTLOOK (continued)

summer and fall and now range from 39% (Moon Lake) to 72% (Echo). These reservoirs may not fill unless above average snow increases are received between now and April 1.

STREAMFLOW FORECASTS

Streamflow forecasts are published in this January 1 bulletin for the first time. These forecasts are published as an early guide to this year's water supply and may change significantly by February 1 if January snow accumulations differ greatly from the average.

The forecasts for spring and summer streamflow range from 33% for the Bear at Randolph to 120% for the San Juan at Bluff. Other key forecasts are as follows: Bear at Harer 39%, Logan 77%, Pineview Inflow 72%, Weber at Oakley 78%, Strawberry Inflow 58%, Lakefork Creek 72%, Ashley Creek 78%, Scofield Inflow 83%, Huntington Creek 86%, Ferron at Muddy Creek 100%, Sevier at Hatch 85%, Virgin at Hurricane 85% and Beaver River 92%. Individual forecast volumes are in the tables covered by the section of the bulletin representing that area of the state.

Individual water supplies may be better or worse than the forecast percentages indicate depending on the water rights of the individual water users.

RESERVOIR STORAGE (Thousand Acre Feet) MID-MONTH READING

Basin or Stream	RESERVOIR	Usable Capacity	Usable Storage		
			This Year	Last Year	Average+
GREAT BASIN					
Bear River	Bear Lake	1,421,0	937.8	978.9	1,035.4
	Woodruff Narrows	26.5	6.5	18.5e	18.1
	Birch Creek	2.2	--	--	--
	Woodruff Creek	4.0	--	--	--
Beaver River	Minersville (Rky Fd)	23.3	14.2	10.6	10.0
Little Bear	Hyrum	15.3	10.1	10.2	10.4
	Porcupine	11.3	0.9	2.5	2.7
	Causey	6.9	1.9	1.7	1.8b
	Pineview	110.1	61.2	58.0	52.1
Provo	Deer Creek	149.7	88.7	87.6	107.3
Settlement Creek	Settlement Creek	1.2	0.4	0.5	--
	Vernon Creek	0.6	0.5	0.5	--
	Gunnison	18.2	5.7	7.3	9.7
	Otter Creek	52.5	37.5	17.2	26.0
	Piute	71.8	45.2	18.5	32.2
	Sevier Bridge	236.0	95.4	48.2	99.0
Spanish Fork	Strawberry	270.0	152.6	157.4	147.8
Utah Lake	Utah Lake	883.9	647.6	742.1	639.3
Weber	East Canyon	48.1	27.6	35.0	26.6
	Echo	73.9	31.8	57.8	44.4
	Lost Creek	20.0	12.8	14.4	12.6b
	Rockport	60.9	30.2	39.4	37.9
	Willard Bay	193.3	166.4	159.6	121.6b
COLORADO RIVER BASIN					
Ashley Creek	Steinaker	33.3	12.2	10.0	19.0
Colorado	Blue Mesa	829.5	580.0	594.4	--
	Lake Powell	25,002.0	20,854.0	15,686.0	--
Green	Flaming Gorge	3,749.0	2,397.0	2,673.3	--
Lakefork	Moon Lake	35.8	5.8	5.0	15.0
Price River	Scofield	65.8	41.5	38.6	33.7
San Juan	Navajo	1,696.0	1,234.0	1,196.0	--
San Rafael	Huntington North	3.9	1.5	1.0	1.7

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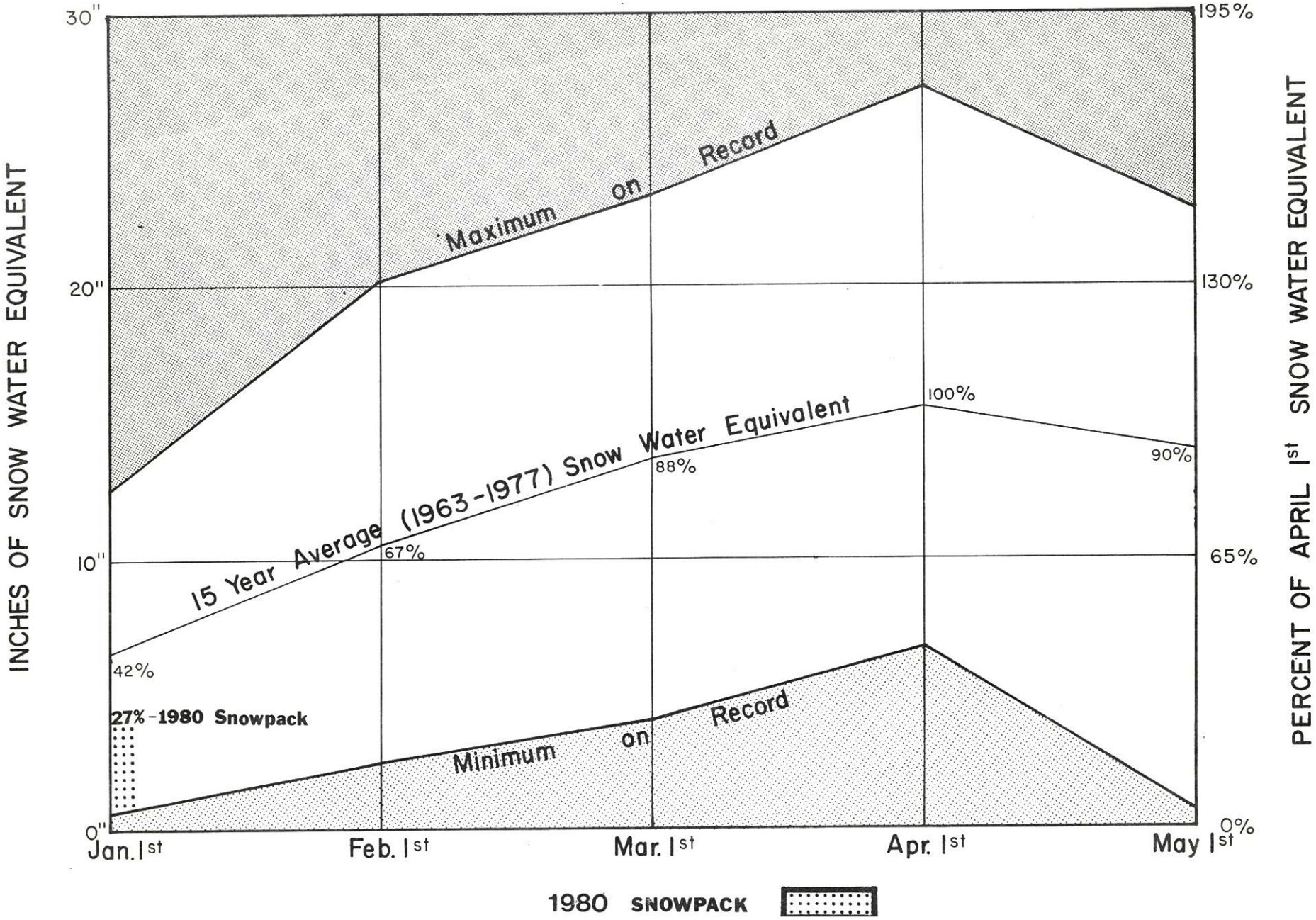
RESERVOIR STORAGE (Thousand Acre Feet) MID-MONTH READING

Basin or Stream	RESERVOIR	Usable Capacity	Usable Storage		
			This Year	Last Year	Average†
San Rafael (cont.)	Joe's Valley	54.6	32.8	35.1	35.1b
	Mill Site	16.7	3.7	5.3	--
Strawberry	Starvation	165.3	16.1	136.9	--
Uintah	Bottle Hollow	11.3	10.2	9.5	9.8b

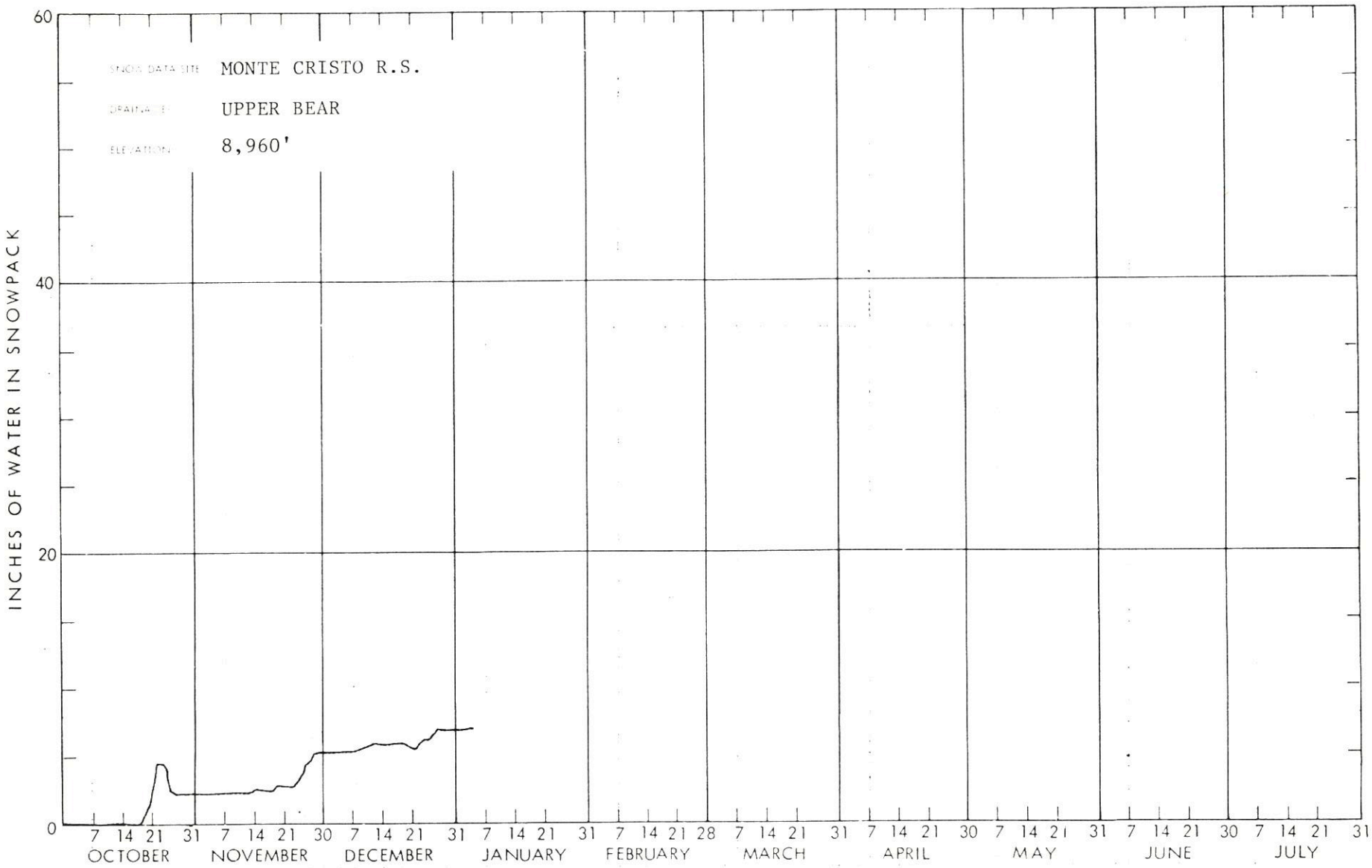
USDA SCS PORTLAND, OREG. 1968

UTAH'S WINTER SNOWPACK

Data based on 51 selected snow courses



1980 SNOWPACK


SNOW DATA SITE MONTE CRISTO R.S.
DRAINAGE UPPER BEAR
ELEVATION 8,960'
INCHES OF WATER IN SNOWPACK
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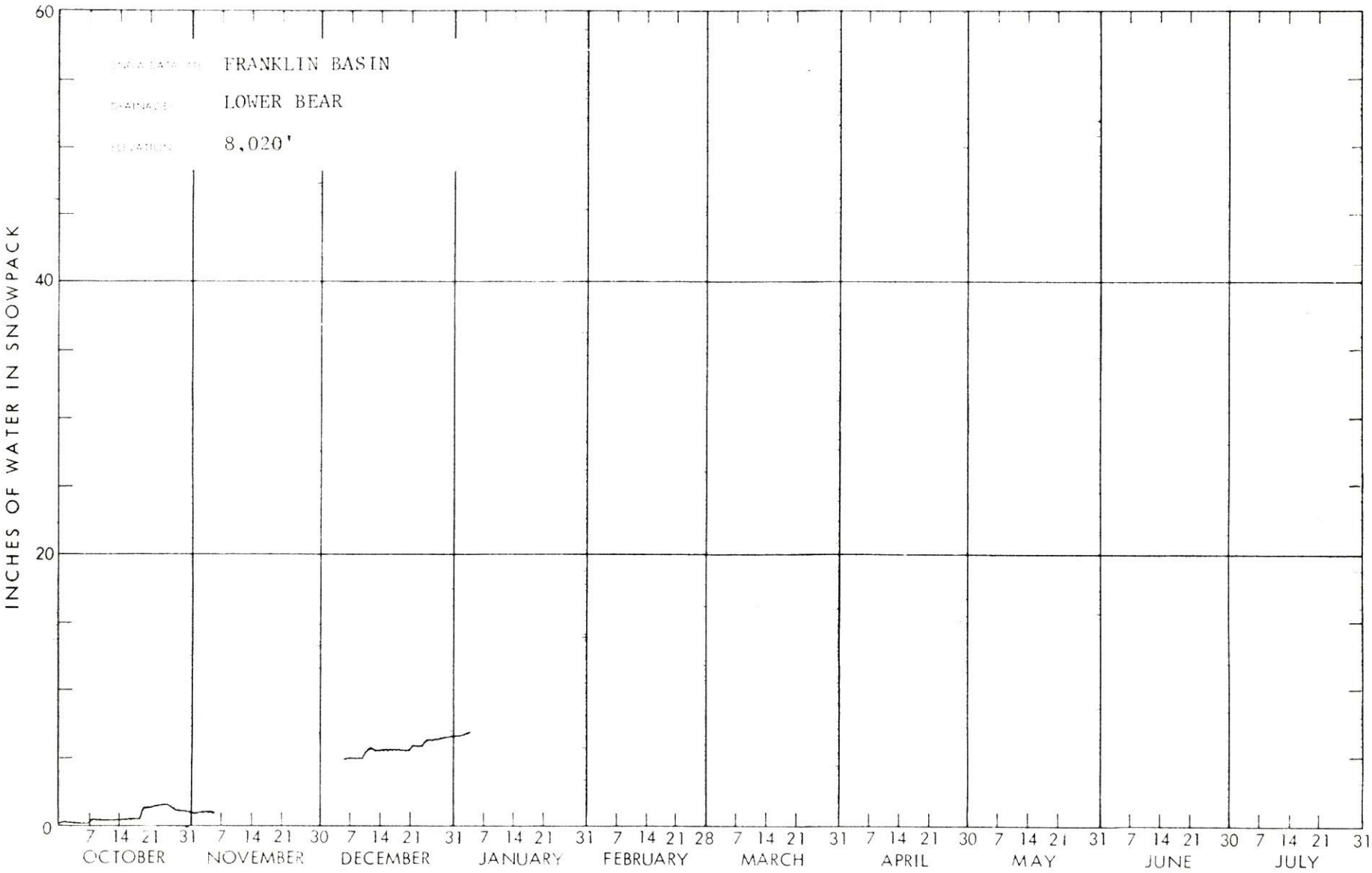
FRANKLIN BASIN
LOWER BEAR
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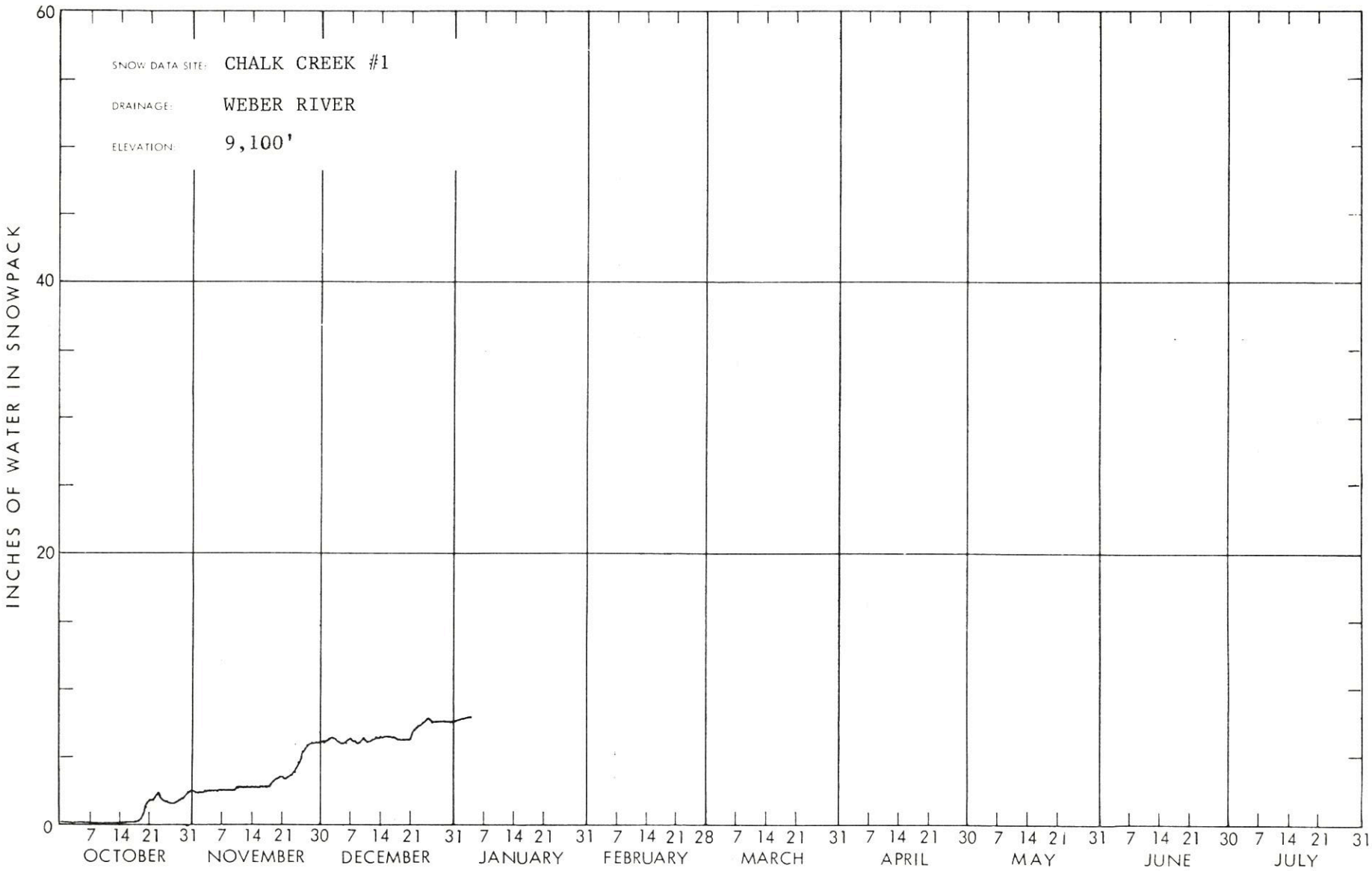
SNOW DATA SITE: CHALK CREEK #1
DRAINAGE: WEBER RIVER
ELEVATION: 9,100'
INCHES OF WATER IN SNOWPACK
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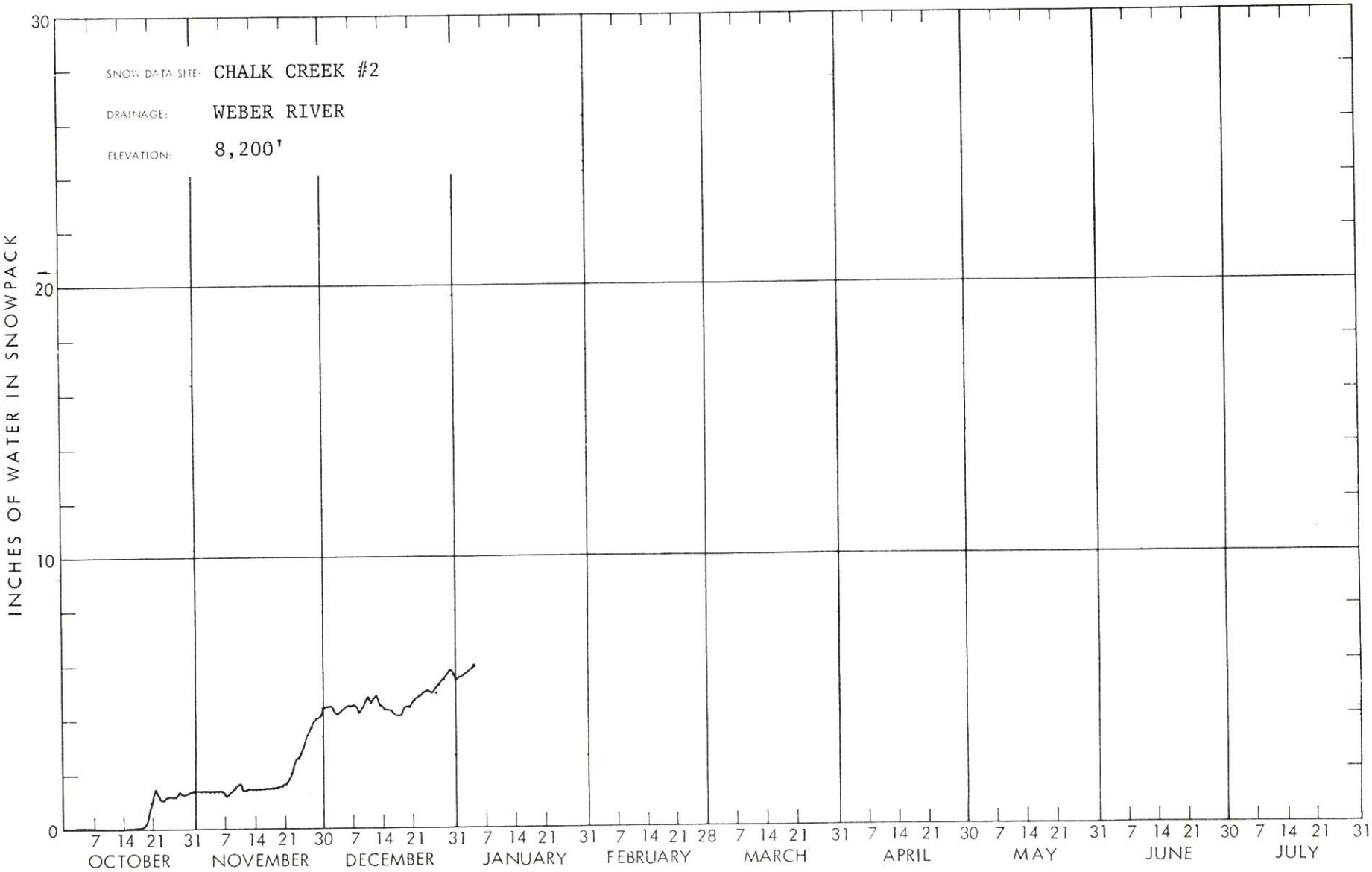
SNOW DATA SITE: CHALK CREEK #2
DRAINAGE: WEBER RIVER
ELEVATION: 8,200'
INCHES OF WATER IN SNOWPACK
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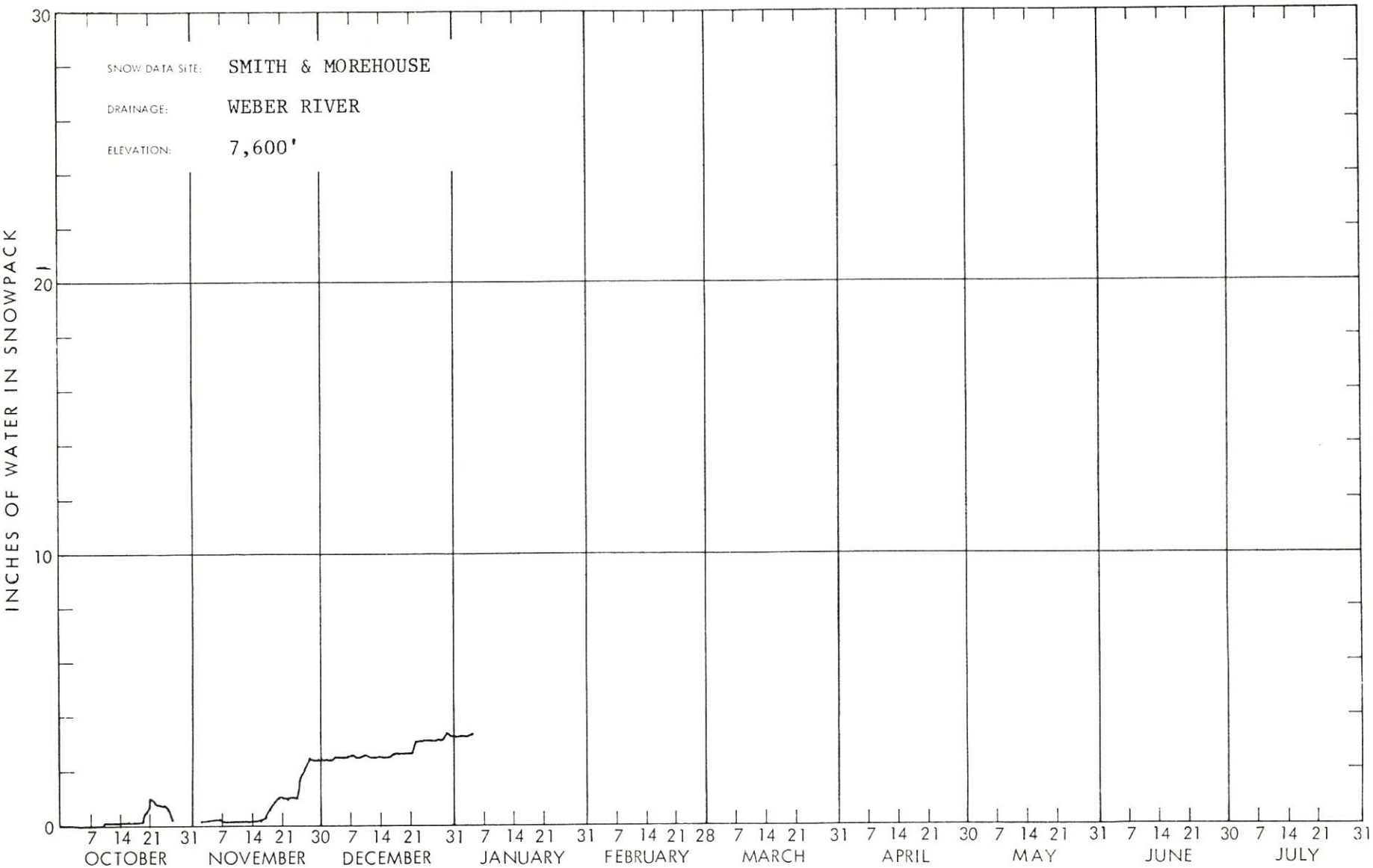
SNOW DATA SITE: SMITH & MOREHOUSE
DRAINAGE: WEBER RIVER
ELEVATION: 7,600'
INCHES OF WATER IN SNOWPACK
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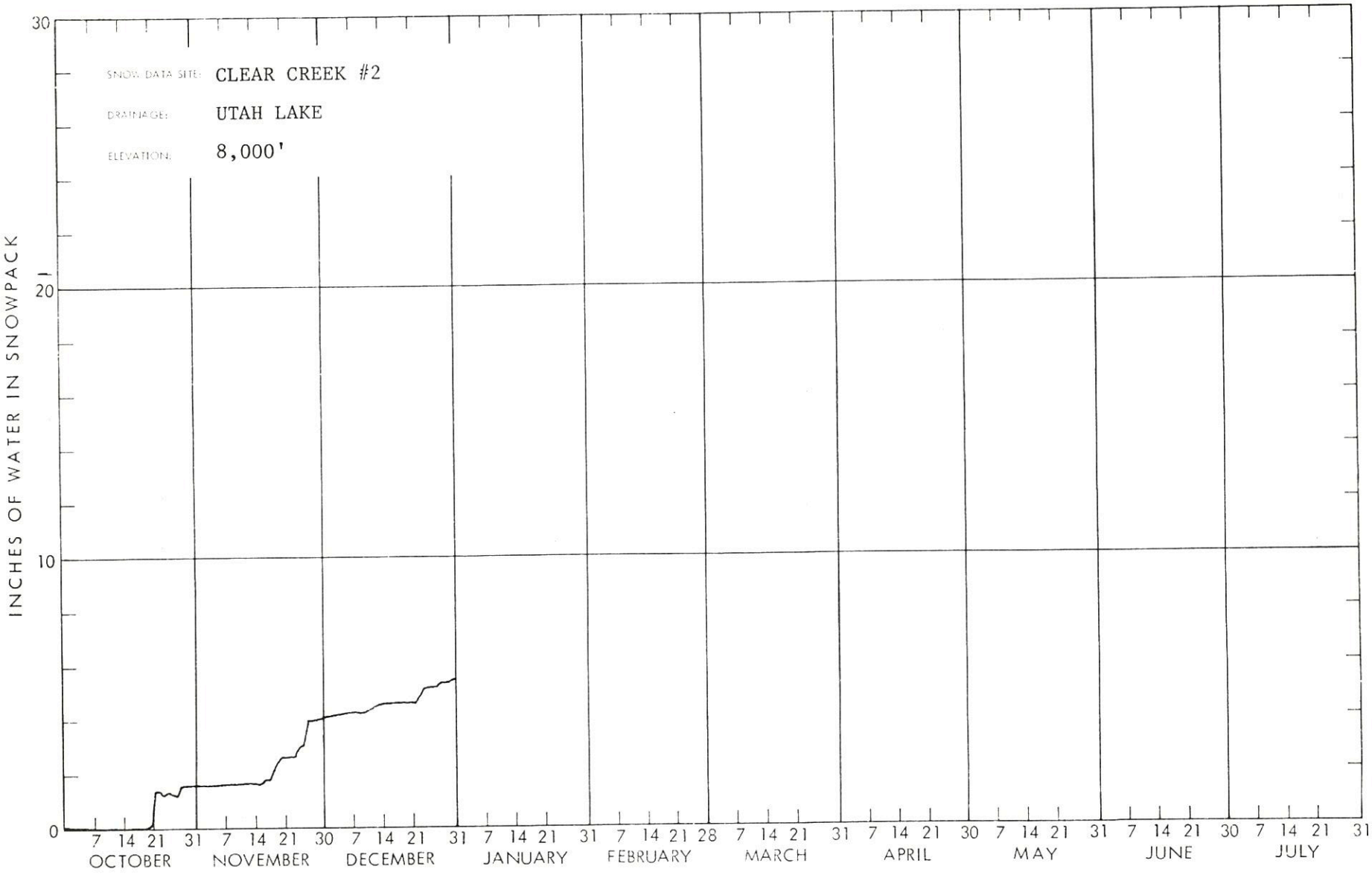
SNOW DATA SITE: CLEAR CREEK #2
DRAINAGE: UTAH LAKE
ELEVATION: 8,000'
INCHES OF WATER IN SNOWPACK
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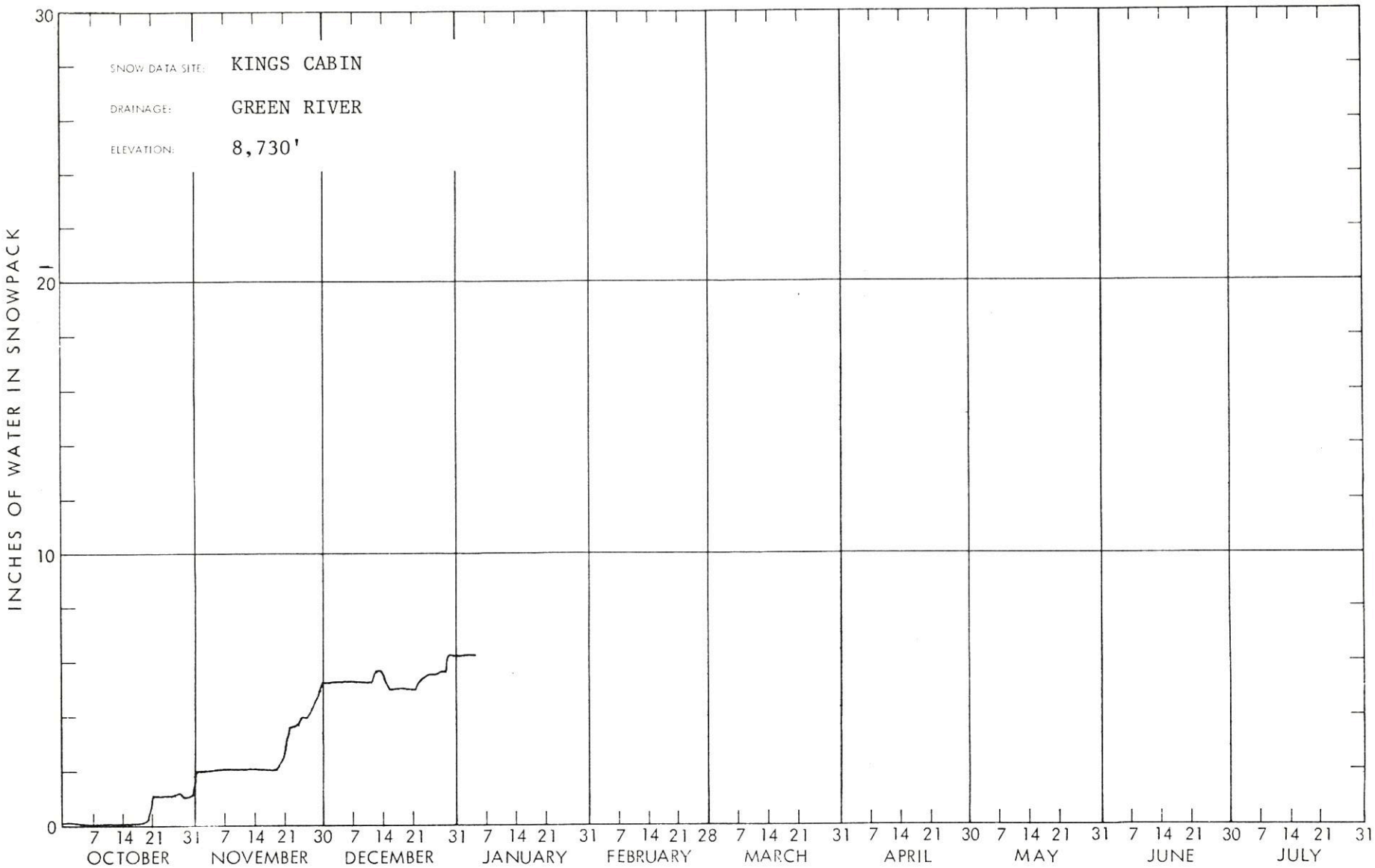
SNOW DATA SITE: KINGS CABIN
DRAINAGE: GREEN RIVER
ELEVATION: 8,730'
INCHES OF WATER IN SNOWPACK
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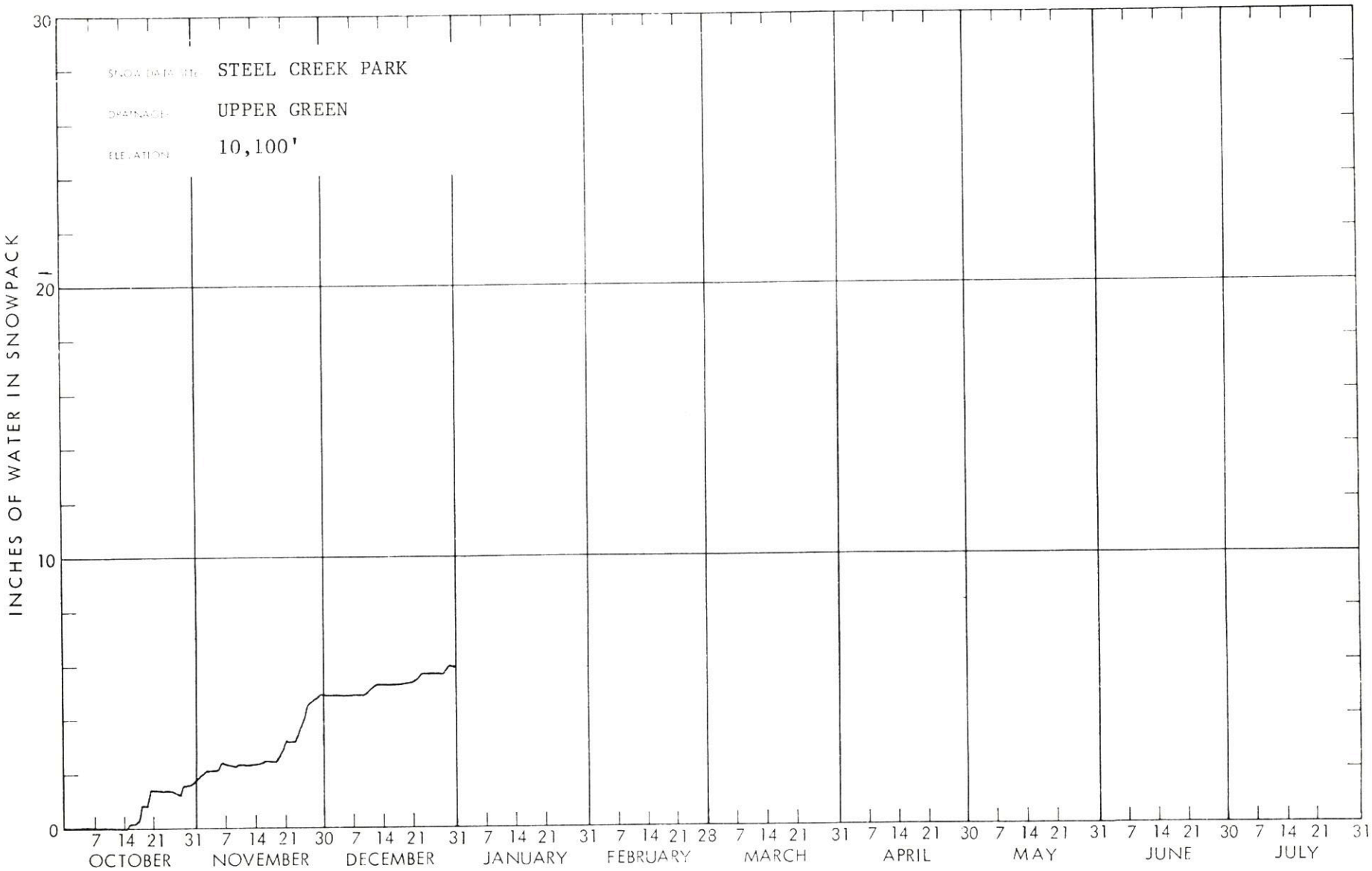
STEEL CREEK PARK
UPPER GREEN
10,100'
INCHES OF WATER IN SNOWPACK
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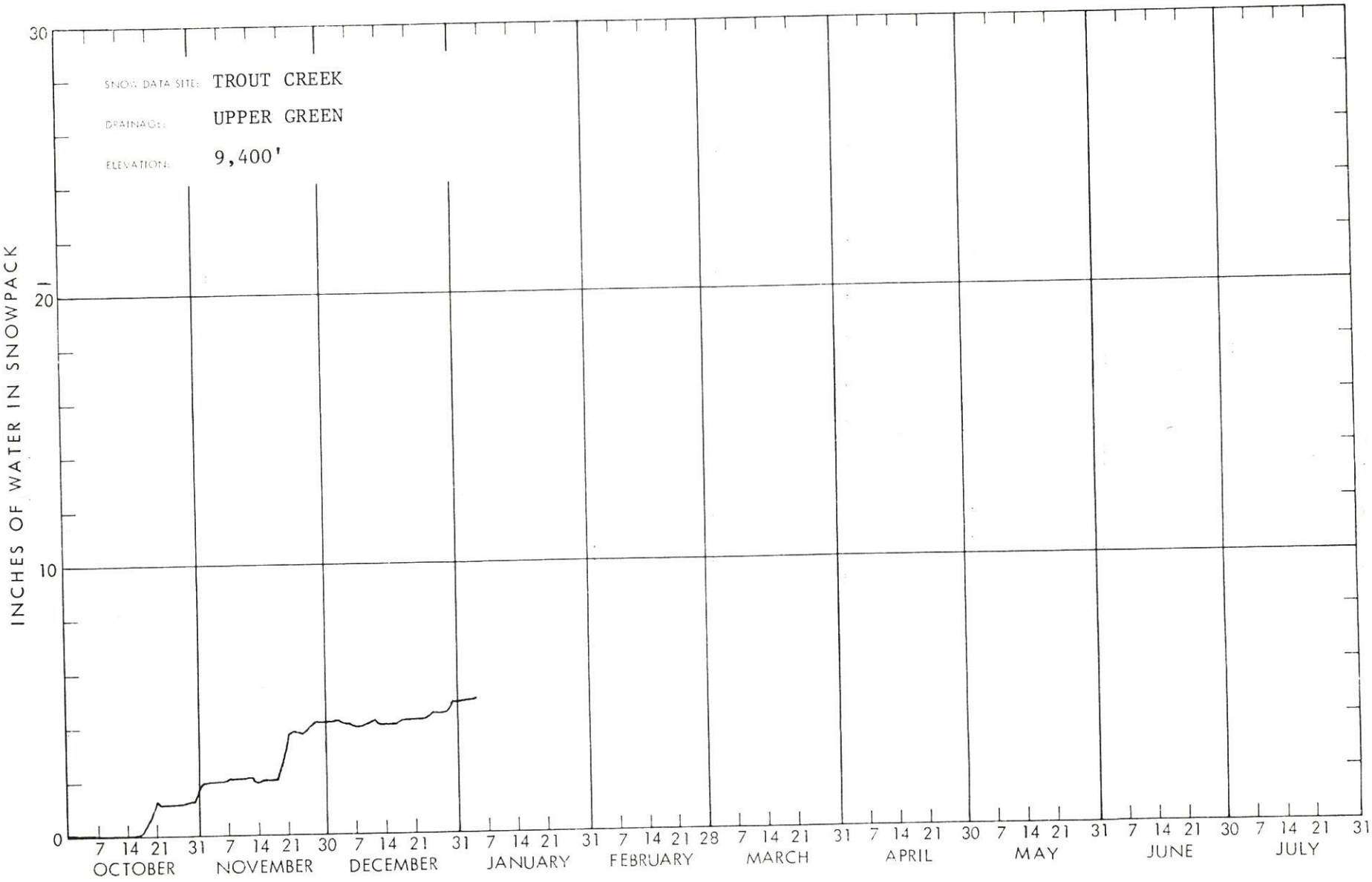
SNOW DATA SITE: TROUT CREEK
DRAINAGE: UPPER GREEN
ELEVATION: 9,400'
INCHES OF WATER IN SNOWPACK
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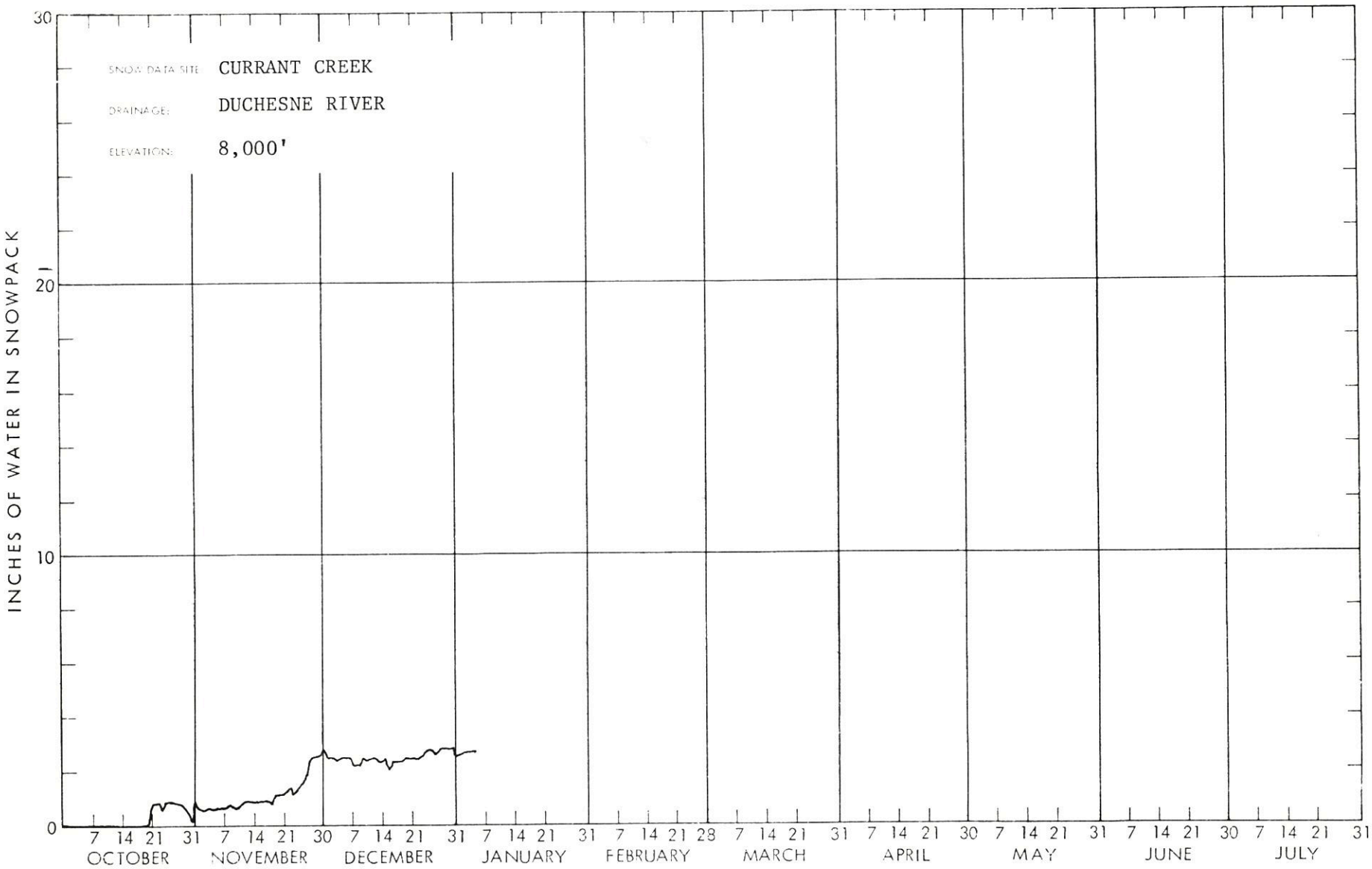
SNOW DATA SITE: CURRANT CREEK
DRAINAGE: DUCHESNE RIVER
ELEVATION: 8,000'
INCHES OF WATER IN SNOWPACK
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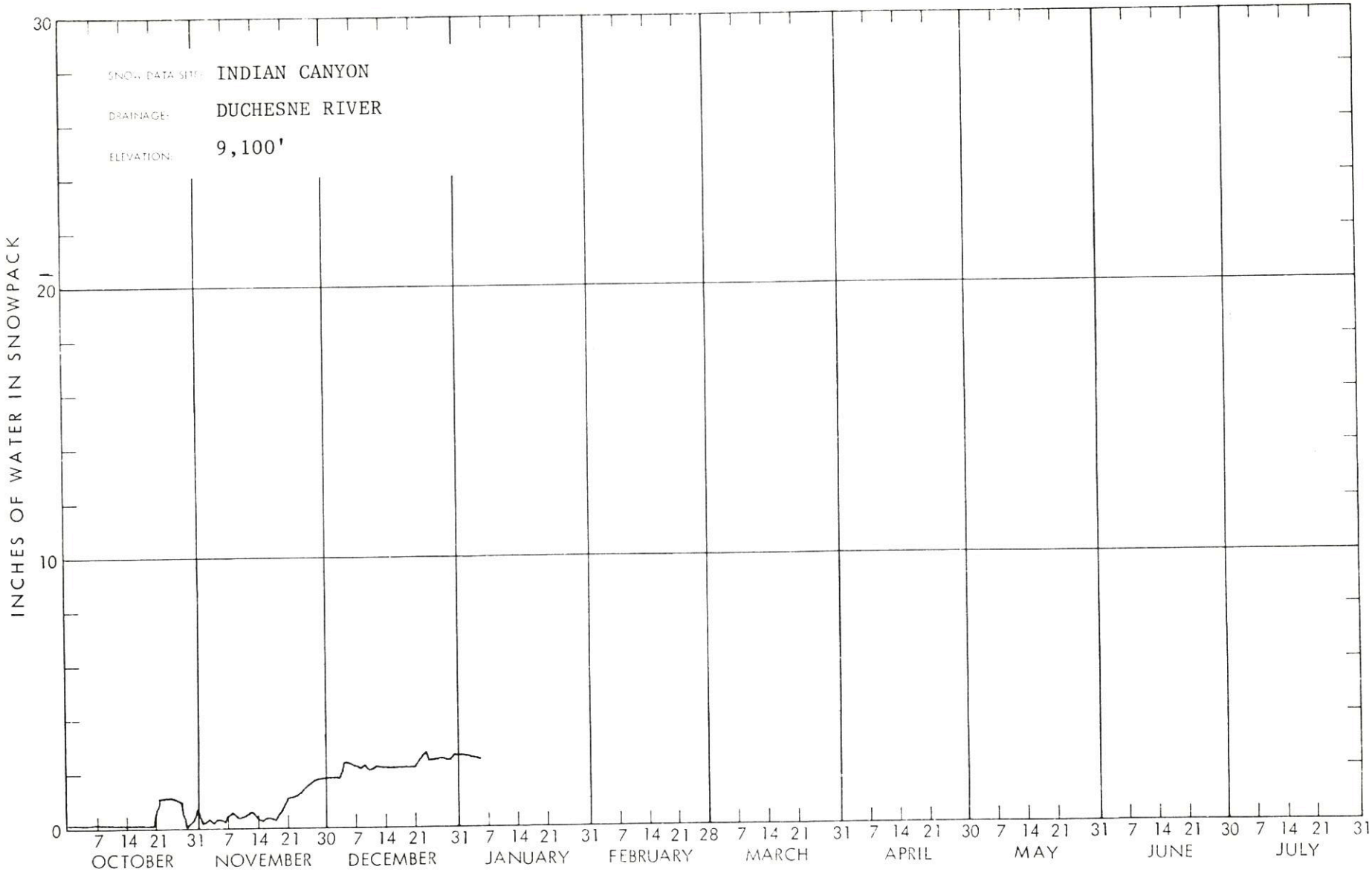
SNOW DATA SITE: INDIAN CANYON
DRAINAGE: DUCHESNE RIVER
ELEVATION: 9,100'
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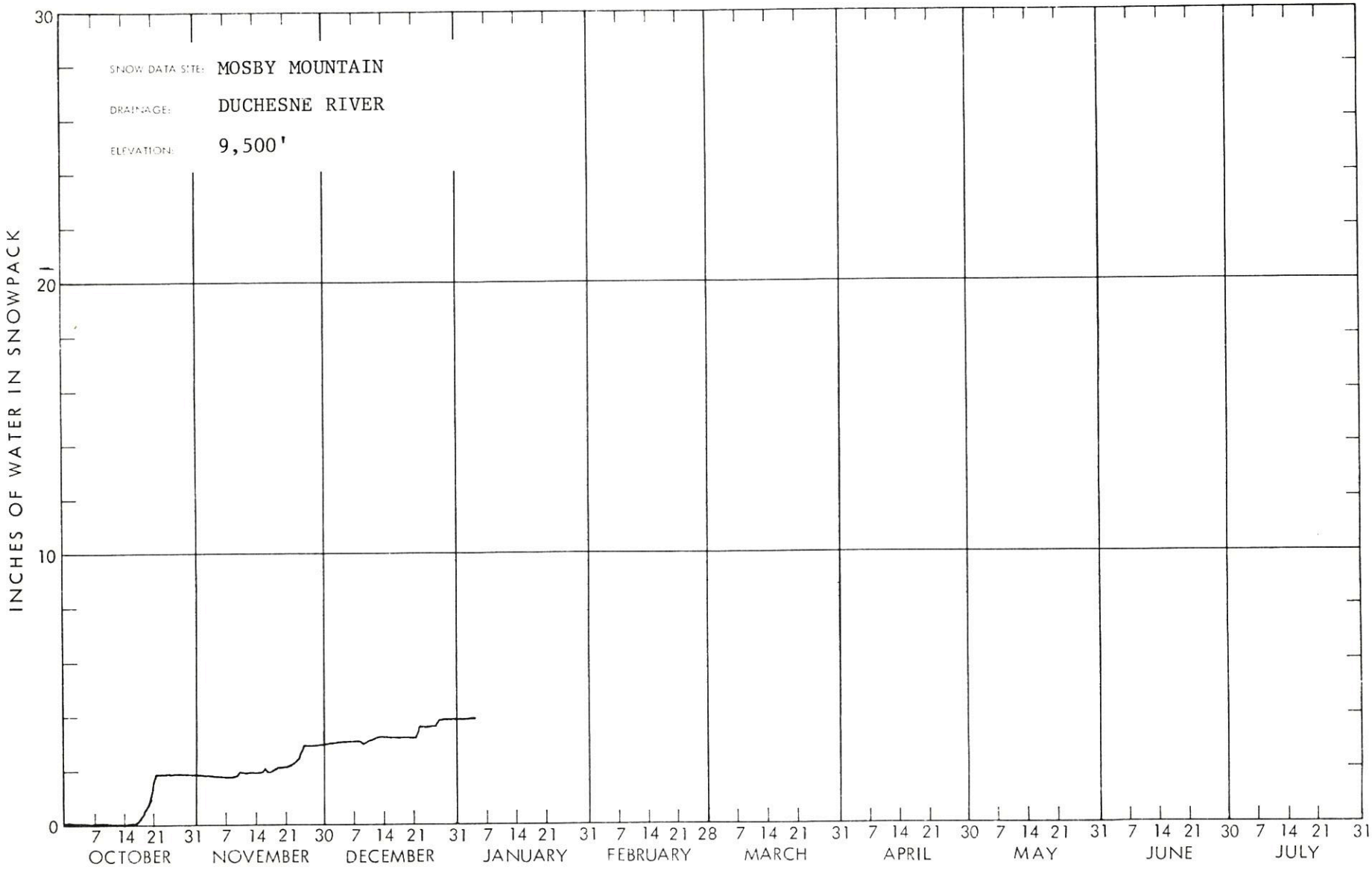
SNOW DATA SITE: MOSBY MOUNTAIN
DRAINAGE: DUCHESNE RIVER
ELEVATION: 9,500'
INCHES OF WATER IN SNOWPACK
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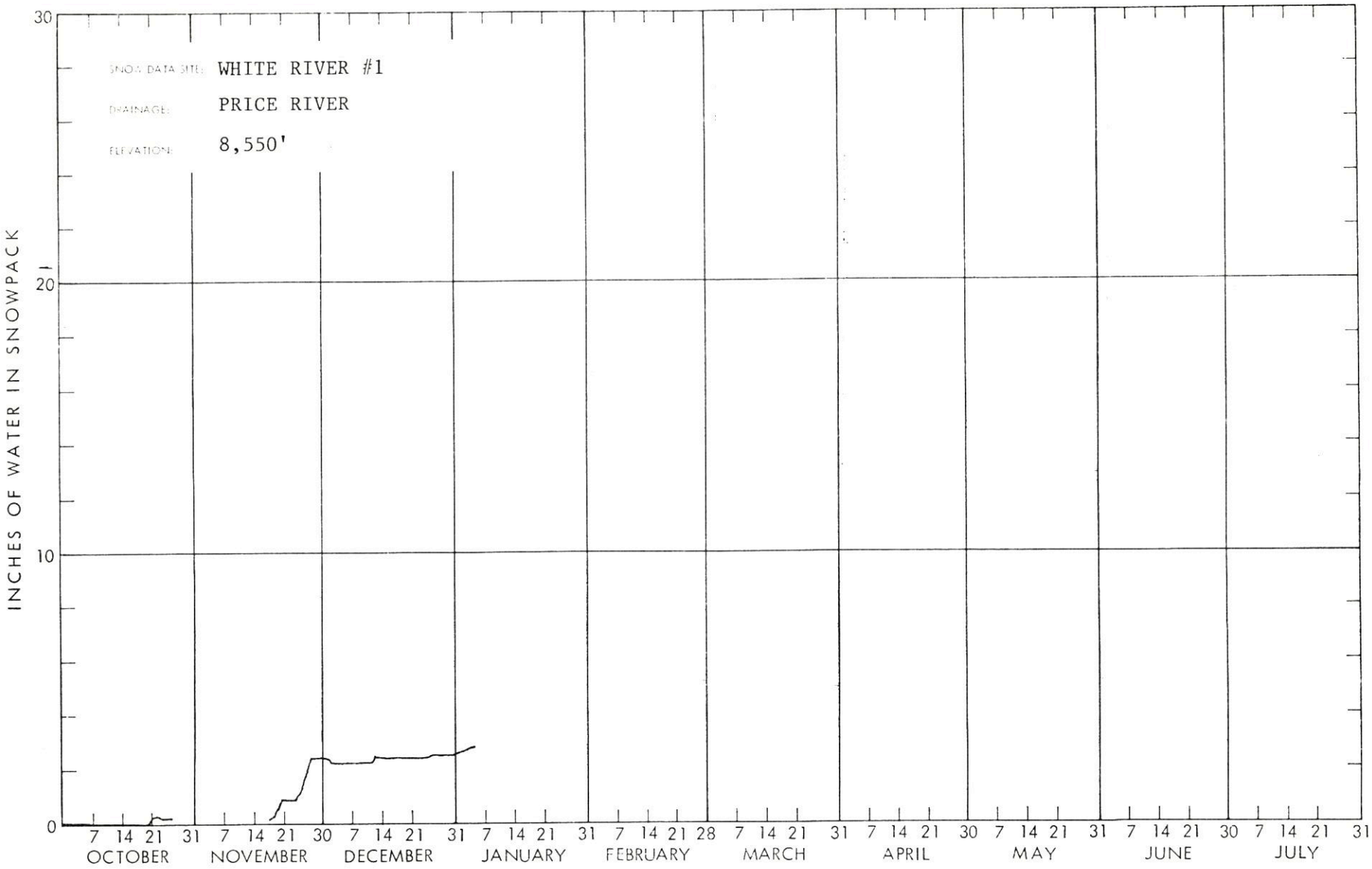
SNOW DATA SITE: WHITE RIVER #1
DRAINAGE: PRICE RIVER
ELEVATION: 8,550'
INCHES OF WATER IN SNOWPACK
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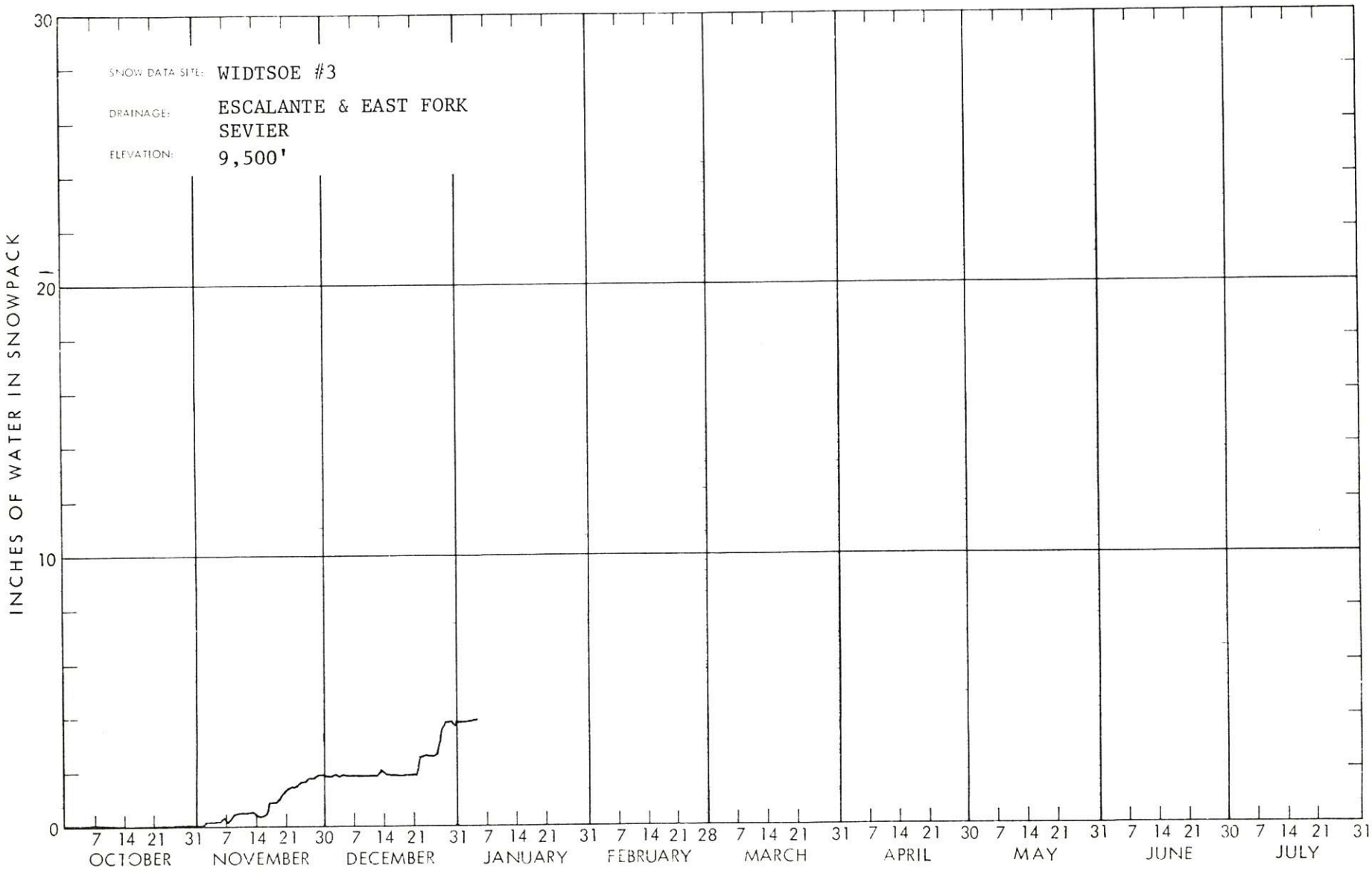
SNOW DATA SITE: WIDTSOE #3
DRAINAGE: ESCALANTE & EAST FORK SEVIER
ELEVATION: 9,500'
INCHES OF WATER IN SNOWPACK
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BEAR RIVER BASIN in UTAH

STREAMFLOW FORECASTS

BASIN, STREAM and/or FORECAST POINT	THIS YEAR FORECAST Thousand Acre Feet	THIS YEAR FORECAST Percent of Average	FORECAST PERIOD	PAST RECORD THOUSAND ACRE FEET Last Year	PAST RECORD THOUSAND ACRE FEET Average †
BEAR RIVER					
Bear nr UT-Wyo. State Line	91	80	Apr-July	90	114
Bear nr Woodruff	80	54	Apr-July	68	148
Woodruff Crk nr Woodruff, UT	9.3	51	Apr-July		18.4b
Big Creek nr Randolph, Utah	2.0	48	Apr-July		4.2b
Bear nr Randolph	40	33	Apr-July	40	120
Thomas Fork nr UT-Wy State Ln	15	43	Apr-Sept		35
Smith's Fork nr Border, Wyo.	68	57	Apr-Sept		120
Bear at Harer, Idaho 1/	129	39	Apr-Sept		332
Logan nr Logan 1	91	77	Apr-July	92	118
Blacksmith Fork nr Hyrum	32	59	Apr-July	40	54
Little Bear nr Paradise	17.9	47	Apr-June	24	38
Cub River nr Preston, ID			Apr-Sept		52

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

SUMMARY of SNOW MEASUREMENTS (COMPARISON WITH PREVIOUS YEARS)

RIVER BASIN and/or SUB-WATERSHED	Number of Courses Averaged	THIS YEAR AS A PERCENT OF Last Year	THIS YEAR AS A PERCENT OF Average
BEAR RIVER	16	43	51
UPPER BEAR RIVER	3	45	51
LOWER BEAR RIVER	13	43	51
LOGAN RIVER	7	42	50
UPPER RAFT RIVER	-	-	-

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	937.8	978.9	1035.4
	Woodruff Narrows	26.5	6.5	18.5e	18.1
LITTLE BEAR	Hyrum	15.3	10.1	10.2	10.4
	Porcupine	11.3	0.9	2.5	2.7

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

PEAK FLOWS

FORECAST POINT	PEAK FLOW (SECOND FEET) Forecast Range	PEAK FLOW (SECOND FEET) Average †
Bear River nr UT/WY Stateline	Will publish March 1.	
Big Creek nr Randolph		
Logan River nr Logan		
Woodruff Creek nr Woodruff		
Little Bear nr Paradise		

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					
Cub River R.S.					
Emigrant Summit					
Franklin Basin					
Hayden Fork					
Klondike Narrows					

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					
Little Bear Upper					
Monte Cristo					
Salt River Summit					
Stillwater Camp					
Tony Grove R.S.					

STREAMFLOW FORECASTS

BASIN, STREAM and/or FORECAST POINT	THIS YEAR FORECAST Thousand Acre Feet	THIS YEAR FORECAST Percent of Average	FORECAST PERIOD	PAST RECORD THOUSAND ACRE FEET Last Year	PAST RECORD THOUSAND ACRE FEET Average †
WEBER-OGDEN RIVERS					
Weber nr Oakley	81	78	Apr-June	82	104
Rockport Reservoir Inflow[1]	78	70	Apr-June	60	112
Chalk Creek at Coalville	25	64	Apr-June	13.5	39
Weber nr Coalville	70	57	Apr-June	49	123
Echo Reservoir Inflow	99	62	Apr-June		160
Lost Creek nr Croydon, Utah	12.0	69	Apr-June	15.5	17.4[b]
East Canyon Creek nr Morgan[1]	13.0	50	Apr-June	20	26
Hardscrabble Crk nr Porterville	13.0	69	Apr-June		18.8
Weber at Gateway	167	54	Apr-June	162	308
South Fork Ogden nr Huntsville	38	67	Apr-June	54	57
Pineview Reservoir Inflow[2]	83	72	Apr-June	124	115
JORDAN RIVER & SALT LAKE					
Farmington Crk nr Farmington	6.1	75	Apr-July	7.0	8.1[b]

1 - Observed flow corrected for change in storage and diversions
2 - Inflow record as computed by U.S. Bureau of Reclamation
3 - Provisional flows - Subject to Correction

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	3	41	58
WEBER RIVER	8	52	64

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

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	1.9	1.7	1.8[b]
	Pineview	110.1			
WEBER	East Canyon	48.1	27.6	35.0	26.6
	Echo	73.9	31.8	57.8	44.4
	Lost Creek	20.0	12.8	14.4	12.6
	Rockport	60.9	30.2	39.4	37.9
	Willard Bay	193.3	166.4	159.6	121.6[b]

PEAK FLOWS

FORECAST POINT	PEAK FLOW (SECOND FEET) Forecast Range	PEAK FLOW (SECOND FEET) Average †
South Fork Ogden nr Huntsville		
Chalk Creek nr Coalville		

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.					
Beaver Creek-Skunk Creek					
Ben Lomond Peak					
Ben Lomond Trail					
Chalk Creek #1					
Chalk Creek #2					
Dry Bread Pond					

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					
Lost Creek Reservoir					
Monte Cristo					
Parleys Canyon Summit					
Sagebrush Flat					
Smith & Morehouse					
Trial Lake					

e - estimated

UTAH LAKE, JORDAN RIVER and TOOELE VALLEY WATERSHEDS in UTAH

STREAMFLOW FORECASTS

BASIN, STREAM and/or FORECAST POINT	THIS YEAR FORECAST Thousand Acre Feet	THIS YEAR FORECAST Percent of Average	FORECAST PERIOD	PAST RECORD THOUSAND ACRE FEET Last Year	PAST RECORD THOUSAND ACRE FEET Average †
PROVO RIVER AND UTAH LAKE					
Provo nr Hailstone [1]	80	78	Apr-July		102
Provo below Deer Creek Dam [1]	96	80	Apr-July		120
American Fork nr American Fork	24	77	Apr-July		31
Hobble Creek or Springville			Apr-July		
Strawberry Reservoir Inflow [1]	30	58	Apr-July		52
Spanish Fork at Thistle			Apr-July		
Payson Creek nr Payson			Apr-July		
Utah Lake Inflow	207	85	Apr-July		244
JORDAN RIVER & SALT LAKE					
Little Cottonwood Crk nr SLC	31	81	Apr-July		38
Big Cottonwood nr SLC	29	76	Apr-July	30	38
Parley's Creek nr SLC	10.6	69	Apr-July		15.4
Mill Creek nr SLC	5.4	86	Apr-July		6.3
Emigration Creek nr SLC			Apr-July		
City Creek nr SLC			Apr-July		
TOOELE VALLEY					
Vernon Creek nr Vernon	0.8	80	Mar-July		1.0
Settlement Crk nr Tooele	issued 4/1		Apr-July		

SUMMARY of SNOW MEASUREMENTS (COMPARISON WITH PREVIOUS YEARS)

RIVER BASIN and/or SUB-WATERSHED	Number of Courses Averaged	THIS YEAR AS A PERCENT OF Last Year	THIS YEAR AS A PERCENT OF Average
PROVO RIVER & UTAH LAKE	6	50	64
JORDAN RIVER & SALT LAKE	4	51	62
TOOELE VALLEY	2	47	69

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

RESERVOIR STORAGE (Thousand Acre Feet)

BASIN OR STREAM	RESERVOIR	Usable Capacity	USEABLE STORAGE This Year	USEABLE STORAGE Last Year	USEABLE STORAGE Average †
SPANISH FORK	Strawberry	270.0	152.6	157.4	147.8
UTAH LAKE	Utah Lake	883.9	647.6	742.1	639.3
	Settlement Creek	1.2	0.4	0.5	-
	Vernon Creek	0.6	0.5	0.5	-
PROVO	Deer Creek	149.7	88.7	87.6	107.3

PEAK FLOWS

FORECAST POINT	PEAK FLOW (SECOND FEET) Forecast Range	PEAK FLOW (SECOND FEET) Average †
Hobble Creek nr Springville	Will be published March 1.	
Spanish Fork nr Thistle		
Big Cottonwood nr Salt Lake City		

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					
Camp Altamont					
Clear Creek #1					
Clear Creek #2					
Clear Creek #3					
Daniels-Strawberry Summit					
Deseret Peak					
Dutchman R.S.					
Hobble Creek Summit					
Lambs Canyon #2					
Middle Canyon					
Mill Creek					

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					
Parleys Canyon Summit					
Payson R.S.					
Rocky Basin-Settlement Canyon					
Silver Lake Brighton					
Soapstone R.S.					
South Fork R.S.					
Timpanogos Divide					
Trial Lake					
Vernon Creek					

UINTAH BASIN and DAGGETT SCD's in UTAH

STREAMFLOW FORECASTS

BASIN, STREAM and/or FORECAST POINT	THIS YEAR FORECAST Thousand Acre Feet	THIS YEAR FORECAST Percent of Average	FORECAST PERIOD	PAST RECORD THOUSAND ACRE FEET Last Year	PAST RECORD THOUSAND ACRE FEET Average †
DUCHESNE RIVER					
Duchesne nr Tabiona[1]	82	77	Apr-July		107
Duchesne at Duchesne[1]	140	72	Apr-July		193
Strawberry at Duchesne	30	57	Apr-July		57
Rock Creek nr Mtn. Home	76	80	Apr-July		95
Currant Creek nr Fruitland	6.3	32	Apr-July		20
Lakefork below Moon Lake[1]	53	72	Apr-July	55	72
Yellowstone nr Altonah	45	67	Apr-July	48	67
Duchesne at Myton[1]	131	62	Apr-July		210
Whiterocks nr Whiterock	46	77	Apr-July	44	60
Uintah nr Neola	59	66	Apr-July	61	89
Duchesne at Randlett[1]	144	54	Apr-July		266
West Fork Duchesne at Hanna	19.9	76	Apr-July		26
FLAMING GORGE TO DUCHESNE RIVER					
Henry's Fork at Linwood	42	78	Apr-Sept		54
Black's Fork at Millburne	93	101	Apr-July		92
Flaming Gorge Inflow[1]	935	72	Apr-July	781	1292
Ashley Creek nr Vernal	40	78	Apr-July	39	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	8	48	66
LAKEFORK-YELLOWSTONE CREEKS	1	36	34
STRAWBERRY RIVER	4	41	59
UINTAH - WHITEROCKS RIVERS	2	26	56
ASHLEY CREEK	1	74	104
BLACK'S FORK	-	-	-

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

RESERVOIR STORAGE (Thousand Acre Feet)

BASIN OR STREAM	RESERVOIR	Usable Capacity	USEABLE STORAGE This Year	USEABLE STORAGE Last Year	USEABLE STORAGE Average †
ASHLEY CREEK	Steinaker	33.3	12.2	10.0	19.0
GREEN RIVER	Flaming Gorge	3749.0		2673.3	-
LAKE FORK	Moon Lake	35.8	5.8	5.0	15.0
STRAWBERRY	Starvation	165.3	16.1	136.9	-
UINTAH	Bottle Hollow	11.3	10.2	9.5	9.8[b]

PEAK FLOWS

FORECAST POINT	PEAK FLOW (SECOND FEET) Forecast Range	PEAK FLOW (SECOND FEET) Average †
Strawberry at Duchesne	Will be published March 1	
Ashley Creek nr Vernal		

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					
Currant Creek					
Daniels-Strawberry					
Hewinta G.S.					
Hickerson Park					
Hole-in-the-Rock					
Hole-in-the-Rock G.S.					
Jackson Park					
Kings Cabin Upper					

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					
Mosby Mountain					
Paradise Park					
Rock Creek Ranch					
Spirit Lake					
Steel Creek Park					
Strawberry Divide					
Trout Creek					

e - estimated

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			Apr-July		10.1
Scofield Reservoir Inflow	30	83	Apr-July		36
Price nr Heiner[1]			Apr-July		
SAN RAFAEL RIVER					
Huntington Crk nr Huntington	40	86	Apr-July		49[b]
Cottonwood Crk nr Orangeville	43	98	Apr-July		44[b]
Ferron Creek nr Ferron	34	100	Apr-July		34
MUDDY CREEK					
Muddy Creek nr Emery	16.8	100	Apr-July		16.8
UPPER COLORADO BASIN					
Colorado nr Cisco, Utah			Apr-July	4940	2716
Green at Green River, Utah	2400	81	Apr-July	2986	2974
Mill Creek nr Moab	5.3	104	Apr-July		5.1[b]
Navajo Reservoir Inflow			Apr-July		608
San Juan nr Bluff, Utah			Apr-July		865
FREMONT RIVER					
Seven Mile Crk nr Fish Lake	5.0	78	Apr-July		6.4

SUMMARY of SNOW MEASUREMENTS (COMPARISON WITH PREVIOUS YEARS)

RIVER BASIN and or SUB-WATERSHED	Number of Courses Averaged	THIS YEAR AS A PERCENT OF Last Year	THIS YEAR AS A PERCENT OF Average
PRICE RIVER	2	49	67
SAN RAFAEL RIVER	3	63	83
FREMONT RIVER	-	-	-
LASAL MOUNTAINS	2	72	114
BLUE MOUNTAINS	-	-	-

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

RESERVOIR STORAGE (Thousand Acre Feet)

BASIN OR STREAM	RESERVOIR	Usable Capacity	USEABLE STORAGE This Year	USEABLE STORAGE Last Year	USEABLE STORAGE Average †
PRICE RIVER	Scofield	65.8	41.5	38.6	33.7
SAN RAFAEL	Huntington North	3.9	1.5	1.0	1.7
	Joe's Valley	54.6	32.8	35.1	35.1[b]
	Mill Site	16.7			-
SAN JUAN	Navajo	1696.0		1196.0	-

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

PEAK FLOWS

FORECAST POINT	PEAK FLOW (SECOND FEET) Forecast Range	PEAK FLOW (SECOND FEET) Average †
Ferron Creek near Ferron		
Muddy Creek near Emery		

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 †
Duck Flat					
Puckboard Flat					
Camp Jackson					
Dills Camp					
Dry Valley Divide Alternate					
Huntington-Horseshoe					

SNOW

DRAINAGE BASIN and/or SNOW COURSE NAME	THIS YEAR Date of Survey	THIS YEAR Snow Depth (Inches)	THIS YEAR Water Content (Inches)	PAST RECORD Water Content (Inches) Last Year	PAST RECORD Water Content (Inches) Average †
Mammoth-Cottonwood R.S.					
Monticello City Park					
Mud Creek					
Seeley Creek					
White River #1					
White River #3					

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	THIS YEAR FORECAST PERIOD	PAST RECORD THOUSAND ACRE FEET Last Year	PAST RECORD THOUSAND ACRE FEET Average †
SEVIER RIVER					
Sevier at Hatch	35	85	Apr-July	101[e]	41
Sevier nr Circleville			Apr-July		29
Sevier nr Kingston	19	84	Apr-July	80	23
Antimony Crk nr Antimony			Apr-July		6.9
East Fork Sevier nr Kingston[1]	12.6	83	Apr-July	60	15.2
Sevier below Piute Dam	32	88	Apr-July		36
Clear Crk nr Sevier (abv Div)			Apr-July		17.8
Inflow					
Kingston to Vermillion Dam			Apr-June		
Vermillion Dam to Gunnison			Mar-June		
Salina Creek at Salina			Apr-June		11.1
Sevier nr Gunnison	44	88	Apr-July		50
Chalk Creek nr Fillmore	16.7	108	Apr-July		15.5[b]
Chicken Creek nr Levan	3.3	106	Apr-July	8.3	3.1
Oak Cr. nr Oak City	Data not available		Apr-July	1.4	1.4
SAN PITCH RIVER					
Ephraim Creek nr Ephraim			Apr-July		8.6
Pleasant Crk nr Mt. Pleasant			Apr-July		
BEAVER RIVER					
Beaver nr Beaver	18.4	92	Apr-July	51	20
North Creek (Combined)	11.0	90	Apr-July		12.2[b]
[illegible] Inflow	5.7	86	Apr-June	55	6.6

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
UPPER SEVIER RIVER	7	32	61
East Fork Sevier	2	36	90
South Fork Sevier	3	24	44
LOWER SEVIER	8	89	98
BEAVER RIVER	1	45	76

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

RESERVOIR STORAGE (Thousand Acre-Feet)

BASIN OR STREAM	RESERVOIR	Usable Capacity	USABLE STORAGE This Year	USABLE STORAGE Last Year	USABLE STORAGE Average †
SEVIER RIVER	Gunnison	18.2	5.7	7.3	9.7
	Otter Creek	52.5	37.5	17.2	26.0
	Piute	71.8	45.2	18.5	32.2
	Sevier Bridge	236.0	95.4	48.2	99.0
BEAVER RIVER	Minersville (Rky Fd)	23.3		10.6	10.0

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

PEAK FLOWS

FORECAST POINT	PEAK FLOW (SECOND FEET) Forecast Range	PEAK FLOW (SECOND FEET) Average †
Sevier River at Hatch	Will be published March 1.	
Sevier River nr C cleville		
Sevier River nr Kingston		
Clear Creek nr Sevier		
Salina Creek nr Salina		
Beaver River nr Beaver		

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					
Bryce Canyon					
Castle Valley					
Duck Creek					
Farnsworth Lake					
Gooseberry R.S.					

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 †
Harris Flat					
Kimberly Mine					
Long Valley Junction					
Merchants Valley Upper					
Midway Valley					
Otter Lake					
Pickle Keg Springs					
Widtsoe-Escalante #3					

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			Apr-June		
Santa Clara nr Pine Valley			Apr-June		
COAL CREEK					
Coal Creek nr Cedar City	12.6	75	Apr-July	-	16.7
UPPER COLORADO					
Lake Powell Inflow			Apr-July	10845	

2 - Provisional Flows - Subject to correction

SUMMARY of SNOW MEASUREMENTS (COMPARISON WITH PREVIOUS YEARS)

RIVER BASIN and or SUB-WATERSHED	Number of Courses Averaged	THIS YEAR AS A PERCENT OF Last Year	THIS YEAR AS A PERCENT OF Average
COAL CREEK	2	28	54
VIRGIN RIVER	3	31	63
PAROWAN CREEK	3	65	102
ENTERPRISE - NEW HARMONY	-	-	-

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		15686.0	-
	Blue Mesa	829.5		594.4	-

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

PEAK FLOWS

FORECAST POINT	PEAK FLOW (SECOND FEET) Forecast Range	PEAK FLOW (SECOND FEET) Average †
Coal Creek nr Cedar City		
Virgin nr Virgin		

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					
Brian Head					
Harris Flat					
Koloh-Crystal					
Little Grassy					
Long Flat					

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					
SUSC Ranch					
Tall Poles					
Webster Flat					
Yankee Reservoir					

SNOW	THIS YEAR			PAST RECORD		PRECIPITATION (Inches)					
DRAINAGE BASIN and/or SNOW COURSE				Water Content (inches)		CURRENT INFORMATION			FROM APPROX. OCT 1 TO DATE		
NAME	Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Last Year	Average +	Date of Reading	Month's Precipitation	Average +	This Year	Average +	Percent of Average
GREAT BASIN											
UPPER BEAR RIVER (Above Harer, Idaho)											
Burts-Miller Ranch	12/28	10	2.0	--	--	12/28	--	--	4.54	--	--
CCC Camp	--	--	--	--	--	--	--	--	--	--	--
Hayden Fork	12/28	17	3.7	7.7a	--	12/28	--	--	7.88	--	--
Monte Cristo R.S.	12/26	23	4.6	8.7	--	12/26	--	--	8.67	11.07b	78
Salt River Summit	12/26	19	2.8	8.4	5.9	12/26	.93	--	5.19	7.17	72
Stillwater Camp	12/28	18	3.1	--	--	12/28	--	--	5.60	--	--
Lily Lake	12/28	24	4.6	--	--	--	--	--	--	--	--
LOWER BEAR RIVER (Below Harer, Idaho)											
Bug Lake	12/26	19	3.3	8.8	7.7a	12/31	--	--	8.1	--	--
Cub River R.S.	12/27	13	2.5	3.7	--	--	--	--	--	--	--
Emigrant Summit	12/27	24	5.2	10.8	9.4b	--	--	--	--	--	--
Franklin Basin	12/27	21	4.1	9.7	9.9b	12/31	--	--	9.9	--	--
Garden City Summit	12/26	14	2.9	9.9	6.9	--	--	--	--	8.06	--
Klondike Narrows	12/27	17	3.1	8.0	7.1	12/27	--	--	7.87	--	--
Little Bear (lower)	12/27	11	1.8	6.1	--	--	--	--	--	--	-
Little Bear (upper)	12/27	12	2.2	6.9	5.8b	12/31	--	--	7.10	--	--
Slug Creek Divide	12/26	18	3.7	6.9	7.5b	--	--	--	--	--	--
Steep Hollow #1	12/27	32	8.1	14.3	13.6	--	--	--	--	--	--
Steep Hollow #2	12/27	21	4.5	10.3	9.1	--	--	--	--	--	--
Tony Grove Lake	12/27	29	7.4	16.4	12.5b	--	--	--	11.00	--	--
Tony Grove R.S.	12/27	12	1.7	7.1	4.1	12/27	--	--	6.55	--	--
Willow Flat	12/27	16	3.4	8.1	--	12/27	.38	--	7.14	10.14b	70
OGDEN RIVER											
Beaver Creek-Skunk Creek	12/26	13	3.7	5.9	--	--	--	--	--	--	--
Ben Lomond Peak	12/27	27	6.8	16.0	12.4	12/31	--	--	10.20	--	--
Ben Lomond Trail	12/27	18	3.7	11.1	5.6b	12/27	--	--	10.75	12.95b	83
Causey Dam	--	--	--	--	--	12/26	--	--	6.03	6.62b	92
Dry Bread Pond	12/26	15	3.9	7.8	6.9b	12/31	--	-	14.40	--	--
Sagebrush Flat	12/26	8	1.9	4.2	--	12/26	--	--	6.29	--	--
WEBER RIVER											
Beaver Creek R.S.	12/26	8	1.4	8.8	3.6	--	--	--	--	--	--
Chalk Creek #1	12/28	32	7.1	11.6	9.3b	12/31	--	--	9.90	--	--
Chalk Creek #2	12/28	27	5.9	5.7	6.6b	12/31	--	--	6.70	--	--
Chalk Creek #3	12/28	15	2.7	3.3	--	12/28	--	--	6.00	--	--
Farmington Canyon (lower)	12/26	27	6.1	12.4	9.3b	12/26	.80	--	7.85	13.14	60
Farmington Canyon (upper)	12/26	28	6.6	13.1	12.9b	--	--	--	--	--	--
Farmington G.S.	--	--	--	--	--	11/29	--	--	7.45	13.12b	57
Horse Ridge	12/26	20	4.7	10.9	7.9b	12/26	--	--	8.41	--	--
Kilfoil Creek	12/26	18	3.4	8.5	--	--	--	--	--	--	--
Lost Creek Reservoir	12/26	0	0.0	4.2	--	12/26	--	--	4.63	--	--
Park City Summit	1/3	22	5.0	12.2	--	--	--	--	--	--	--
Parley's Canyon Summit	12/27	21	4.7	7.6	7.9	12/27	--	--	7.24	10.49	69
Redden Mine (lower)	12/26	21	3.9	--	--	12/26	--	--	6.02	--	--
Smith & Morehouse	12/28	18	3.5	6.5	5.2	12/28	--	--	6.19	8.35	74
PROVO RIVER & UTAH LAKE											
Beaver Creek Divide	12/28	14	2.6	--	6.2b	12/31	--	--	4.90	--	--
Camp Altamont	12/28	11	2.0	10.6	6.5	--	--	--	--	--	--
Clear Creek Ridge #1	12/29	25	6.4	9.0	7.2b	--	--	--	7.20	--	--
Clear Creek Ridge #2	12/29	24	5.6	7.9	5.8b	12/29	--	--	6.57	--	--
Clear Creek Ridge #3	12/29	11	2.4	5.1	--	--	--	--	--	--	--
Dutchman R.S.	12/28	15	3.3	9.8	--	--	--	--	--	--	--
Hobble Creek Summit	12/29	15	3.1	9.7	--	12/29	--	--	5.92	--	--
Payson R.S.	12/28	27	6.9	8.2	8.0	12/28	--	--	7.94	8.74	91
Soapstone R.S.	12/26	13	2.3	--	5.3	12/26	--	--	5.40	7.77	69
South Fork R.S.	12/28	7	1.4	--	2.6	--	--	--	--	--	--
Timpanogos Cave Camp	12/28	0	0.0	--	1.2	--	--	--	--	--	--
Timpanogos Divide	12/28	14	3.0	15.5	10.8	12/28	.80	5.23	6.00	12.46	42
Trial Lake	12/26	30	7.0	10.7a	10.3	12/26	--	--	7.72	11.49	67

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

SNOW	THIS YEAR			PAST RECORD		PRECIPITATION (Inches)					
				Water Content (inches)		CURRENT INFORMATION			FROM APPROX. OCT 1 TO DATE		
DRAINAGE BASIN and/or SNOW COURSE NAME	Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Last Year	Average †	Date of Reading	Month's Precipitation	Average †	This Year	Average †	Percent of Average
JORDAN RIVER & GREAT SALT LAKE											
Bevan's Cabin	Not Measured										
Lamb's Canyon #2	12/27	19	3.9	7.1	--	12/27	--	--	6.18	--	--
Middle Canyon	12/28	15	4.2	7.6	6.1b	12/28	--	--	5.77	--	--
Mill Creek	12/28	22	5.1	7.5	--	--	--	--	--	--	--
Mill D South Fork	12/28	18	4.3	8.4	8.2	--	--	--	--	--	--
Mt. Dell Dam						1/2	.31	--	3.03	--	--
Rocky Basin-Settlement Canyon	Not Measured					10/28	--	--	1.18	--	--
Silver Lake (Brighton)	12/28	23	6.4	11.4	10.3	12/28	.82	4.98	7.17	12.67	57
Snow Bird (Gad Valley)	12/30	26	5.8	--	--	--	--	--	--	--	--
Vernon Creek	12/28	12	3.3	8.5	4.7b	12/28	--	--	3.30a	--	--
UPPER SEVIER RIVER (South of Richfield, Utah)											
Box Creek	12/27	21	4.0	10.6	4.6b	12/27	--	--	5.02	--	--
Bryce Canyon	12/28	9	1.2	4.6	2.1	--	--	--	--	--	--
Castle Valley	12/27	24	4.3	10.8	5.6b	12/27	--	--	4.56	--	--
Duck Creek R.S.	12/30	11	1.7	9.8	5.2	12/30	--	--	4.28	8.03	53
Farview	12/28	19	1.9	6.3	--	--	--	--	--	--	--
Harris Flat	12/30	8	1.2	7.2	3.0	12/31	--	--	3.00a	--	--
Kimberly Mine	12/27	25	4.7	9.2	6.2	12/27	--	--	6.22	8.07	77
Midway Valley	12/30	20	4.5	14.4	8.5	12/30	--	--	4.85	--	--
Panguitch Lake	12/27	10	1.8	6.2	--	12/27	--	--	2.71	--	--
Rainbow Point	12/28	16	1.8	10.0	--	--	--	--	--	--	--
Squaw Springs	12/27	15	3.5	6.3	--	--	--	--	--	--	--
LOWER SEVIER RIVER (Including San Pitch River)											
Beaver Dams	12/28	17	4.4	5.5	4.2b	12/28	--	--	5.73	5.84b	98
Farnsworth Lake	12/30	35	9.4	7.0	8.0	12/30	--	--	9.84	8.55	115
G.B.R.C. Headquarters	12/28	29	6.1	7.5	6.8	12/28	--	--	9.15	8.54	107
G.B.R.C. Majors						12/28	.60	--	5.20	4.23b	123
G.B.R.C. Meadows	12/28	34	8.8	10.3	9.0b	12/28	--	--	9.34	10.14	92
G.B.R.C. Oaks						12/28	.83	--	6.21	5.80	107
Gooseberry R.S.	12/30	25	6.2	5.2	5.3	12/30	--	--	7.21	--	--
Mammoth-Cottonwood Creek	12/29	23	5.9	9.6	7.9	12/29	--	--	5.90a	--	--
Middle Fork	Not Measured					--	--	--	--	--	--
Mt. Baldy R.S.	12/28	32	7.6	10.4	9.2	12/28	3.2	--	7.60a	7.97b	95
Oak Creek	Not Measured			7.3	--	10/29	--	--	2.47	--	--
Pickle Keg Springs	12/28	28	7.0	6.9a	6.4b	12/28	--	--	8.00a	--	--
Pine Creek	12/27	28	7.2	8.8	--	12/27	--	--	8.43	--	--
Ree's Flat	12/28	25	5.0	6.8	--	12/28	--	--	6.06	--	--
Shingle Mill	Not Measured			5.2	4.5b	--	--	--	--	8.15b	--
Thistle Flat	Not Measured					--	--	--	--	--	--
BEAVER RIVER											
Beaver Canyon Power House	--	--	--	--	--	1/2	1.24	1.73	--	3.39	--
Beaver Race Track	--	--	--	0.0	--	--	--	--	--	--	--
Big Flat	12/27	24	4.5	10.0	5.9b	12/27	--	--	4.45	--	--
Merchant's Valley (upper)	12/27	19	3.5	7.0	--	12/27	--	--	4.04	--	--
Otter Lake	12/27	19	3.8	8.2	--	--	--	--	--	--	--
PAROWAN CREEK											
Birch Crossing	12/28	19	4.4	5.4	3.2b	--	--	--	--	--	--
Brian Head	12/27	34	6.5	14.0	8.8b	--	--	--	--	--	--
Tall Poles	12/28	31	6.8	8.4	6.0b	12/28	--	--	6.70	7.28b	92
Yankee Reservoir	12/27	23	4.7	7.6	--	12/27	--	--	6.04	--	--
ENTERPRISE TO NEW HARMONY DRAINAGES											
Little Grassy Creek	12/30	1	0.2	5.4	--	12/30	--	--	2.61	--	--
Long Flat	12/30	8	1.8	6.6	--	12/30	--	--	3.87	--	--
COAL CREEK											
Cedar City Golf Course	--	--	--	0.0	--	--	--	--	--	--	--
SUSC Ranch	12/28	7	1.0	7.8	3.4b	--	--	--	--	--	--

† 1958-1972 period

USDA-SCS-PORTLAND, OR 1977 M7 0-22021 0

SNOW	THIS YEAR			PAST RECORD		PRECIPITATION (Inches)					
DRAINAGE BASIN and/or SNOW COURSE				Water Content (inches)		CURRENT INFORMATION			FROM APPROX. OCT 1 TO DATE		
NAME	Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Last Year	Average +	Date of Reading	Month's Precipitation	Average +	This Year	Average +	Percent of Average
COLORADO RIVER DRAINAGE											
UPPER GREEN RIVER - UTAH											
Ashley-Twin Lakes (A)	Not Measured					--	--	--	--	--	--
Black's Fork G.S.-East Fork	12/28	15	3.4	--	--	12/28	--	--	5.30	--	--
Black's Fork Junction	12/28	21	4.3	--	--	12/28	--	--	6.00	--	--
Buck Pasture (A)	Not Measured					--	--	--	--	--	--
Burnt Creek	12/26	17	4.1	4.2	2.1b	12/26	--	--	6.70	4.49b	149
Dutch John Junction	12/26	23	4.3	3.8	--	--	--	--	--	--	--
Grizzly Ridge	12/26	24	5.3	7.1	--	12/26	--	--	6.88	6.31b	109
Hewinta G.S.	12/28	21	3.9	--	--	12/28	--	--	6.38	--	--
Hickerson Park	--	--	--	--	--	--	--	--	--	--	--
Highline Trail	--	--	--	--	--	--	--	--	--	--	--
King's Cabin (upper)	12/28	25	5.2	7.0a	--	12/28	--	--	6.00	--	--
Reynolds Park (A)	Not Measured					--	--	--	--	--	--
Spirit Lake	12/28	31	6.0	--	--	12/28	--	--	7.11	--	--
Steel Creek Park	12/28	31	6.6	--	--	12/28	--	--	6.60 a	--	--
Trout Creek	12/28	25	4.6	6.7a	--	12/28	--	--	6.10	--	--
Windy Park (A)	--	--	--	--	--	--	--	--	--	--	--
DUCHESNE RIVER											
Atwood Lake (A)	Not Measured					--	--	--	--	--	--
Brown Duck Ridge	12/26	23	5.0	6.8a	7.5b	12/26	--	--	5.00	--	--
Chepeta-Whiterocks (A)	Not Measured					--	--	--	--	--	--
Currant Creek	12/29	11	2.3	6.5	4.0b	12/29	--	--	4.17	--	--
Daniels-Strawberry Summit	12/29	15	2.9	8.3	5.6	12/29	--	--	6.29	8.44	75
East Portal	12/31	14	3.0	6.8	4.5	12/31	.77	--	2.91	7.80	37
Five Points Lake (A)	Not Measured					--	--	--	--	--	--
Indian Canyon	12/29	13	2.6	10.0	5.2	12/29	--	--	3.35	6.28	53
Jackson Park	12/26	18	3.4	--	--	12/26	--	--	3.95	--	--
Lakefork Basin (A)	Not Measured					--	--	--	--	--	--
Lakefork Mountain	12/26	11	2.0	5.6a	5.8b	12/26	--	--	3.70	--	--
Lakefork Mountain #3	12/26	9	1.5	--	--	--	--	--	--	--	--
Lightning Lake (A)	Not Measured					--	--	--	--	--	--
Mosby Mountain	12/26	13	1.8	6.9a	4.2	12/26	--	--	4.15	6.59b	63
Paradise Park	12/26	18	3.6	--	5.4	12/26	--	--	4.05	8.26	49
Rock Creek Ranch	12/26	6	1.0	--	--	12/26	--	--	2.97	--	--
Strawberry Divide	12/31	23	4.8	10.4	7.8	12/31	.77	--	6.60	--	--
PRICE RIVER											
Dry Valley Divide Alternate	Not Measured					--	--	--	--	--	--
Mud Creek	12/29	18	4.1	6.7	5.7	12/29	--	--	5.42	--	--
White River #1	12/29	14	3.3	8.5	5.4b	12/29	--	--	4.30	6.50	66
White River #3	12/29	12	3.0	4.8	--	--	--	--	--	--	--
SAN RAFAEL RIVER											
Buck Flat	12/28	24	5.4	7.2	6.1b	12/28	--	--	6.15	6.30	98
Huntington-Horseshoe	12/29	29	8.1	10.5	--	--	--	--	--	--	--
Orange Olsen	12/28	9	2.6	2.5	--	12/28	--	--	2.60a	--	--
Red Pine Ridge	12/29	22	5.0	8.0	5.6b	12/29	--	--	5.60	--	--
Seeley Creek R.S.	12/28	18	4.5	7.4	6.2b	12/28	--	--	--	--	--
Stuart R.S.	12/29	12	3.0	4.2	--	12/29	--	--	3.00a	--	--
Upper Joe's Valley	12/29	15	2.9	5.0	--	--	--	--	--	--	--
Wrigley Creek	12/28	13	2.8	5.6	--	--	--	--	--	--	--
MUDDY RIVER											
Black's Fork	12/28	19	3.9	--	--	--	--	--	--	--	--
Dill's Camp	12/28	16	3.6	5.5	4.6b	12/28	--	--	5.10	--	--
FREMONT RIVER											
Black's Flat-U.M. Creek	12/30	19	4.3	4.0	--	12/30	--	--	4.86	--	--
Fish Lake	12/30	9	2.0	2.0	--	12/30	--	--	3.04	5.02b	61
Johnson Valley	12/30	12	2.8	2.7	--	--	--	--	--	--	--

USDA-SCS-PORTLAND, OR 1977 M7 0-22021 D

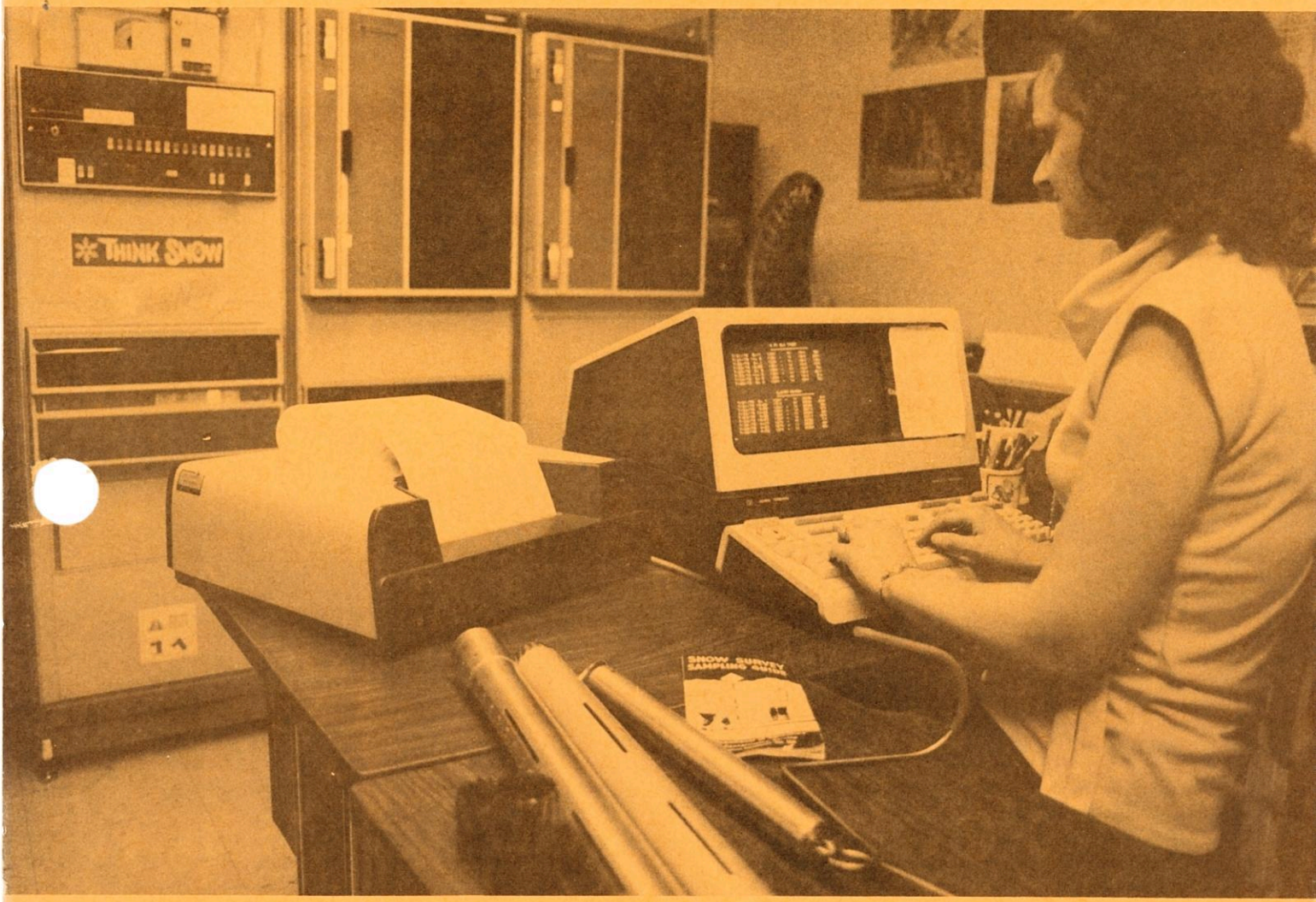
+ 1958-1972 period

SNOW	THIS YEAR			PAST RECORD		PRECIPITATION (Inches)					
				Water Content (inches)		CURRENT INFORMATION			FROM APPROX. OCT 1 TO DATE		
DRAINAGE BASIN and/or SNOW COURSE NAME	Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Last Year	Average +	Date of Reading	Month's Precipitation	Average +	This Year	Average +	Percent of Average
SOUTHEASTERN UTAH DRAINAGES											
Buckboard Flat	1/2	29	6.3	14.2	--	1/2	--	--	7.95	--	--
Camp Jackson	1/2	28	6.2	11.8	--	1/2	--	--	7.22	--	--
LaSal Mountain (lower)	1/3	22	4.8	5.6	3.6b	--	--	--	--	--	--
LaSal Mountain (upper)	1/3	31	5.6	8.8	5.5b	1/3	--	--	6.20	--	--
Monticello City Park	1/4	12	2.2	4.4	--	--	--	--	--	--	--
ESCALANTE RIVER											
Widtsoe-Escalante #3	12/30	19	4.9	11.2	4.5	12/30	--	--	4.93	6.01	82
VIRGIN RIVER											
Kolob-Crystal	12/30	23	5.3	15.6	--	12/31	--	--	3.10	--	--
Long Valley Junction	12/30	7	1.0	7.8	1.5	--	--	--	--	--	--
Webster Flat	12/30	19	4.4	11.2	6.6	12/30	--	--	5.79	8.14	71

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

+ 1958-1972 period

Water Supply Outlook For Utah



SOIL CONSERVATION SERVICE
U.S. DEPARTMENT OF AGRICULTURE

Cooperating with

UTAH STATE DEPARTMENT of NATURAL RESOURCES

AS OF
JAN. 1, 1980

FEB 1 1980

USDA-SCS-PORTLAND, OR 1979

WATER SUPPLY OUTLOOK FOR UTAH

and

FEDERAL - STATE - PRIVATE COOPERATIVE SNOW SURVEYS

Issued by

NORMAN A. BERG

ADMINISTRATOR
SOIL CONSERVATION SERVICE
WASHINGTON, D.C.

Released by

GEORGE D. McMILLAN

STATE CONSERVATIONIST
SOIL CONSERVATION SERVICE
SALT LAKE CITY, UTAH

In Cooperation with

UTAH STATE DEPT. OF NATURAL RESOURCES

DEE C. HANSEN
State Engineer
Division of Water Rights

DANIEL F. LAWRENCE
Director
Division of Water Resources

Report prepared by

BOB L. WHALEY, Snow Survey Supervisor
DAVID A. JOHNCOX, Hydrologic Technician
and
JOAN E. OLSEN, Clerk

SOIL CONSERVATION SERVICE
SNOW SURVEY SECTION
4420 FEDERAL BUILDING
SALT LAKE CITY, UTAH 84138

PROSPECTIVE WATER SUPPLIES

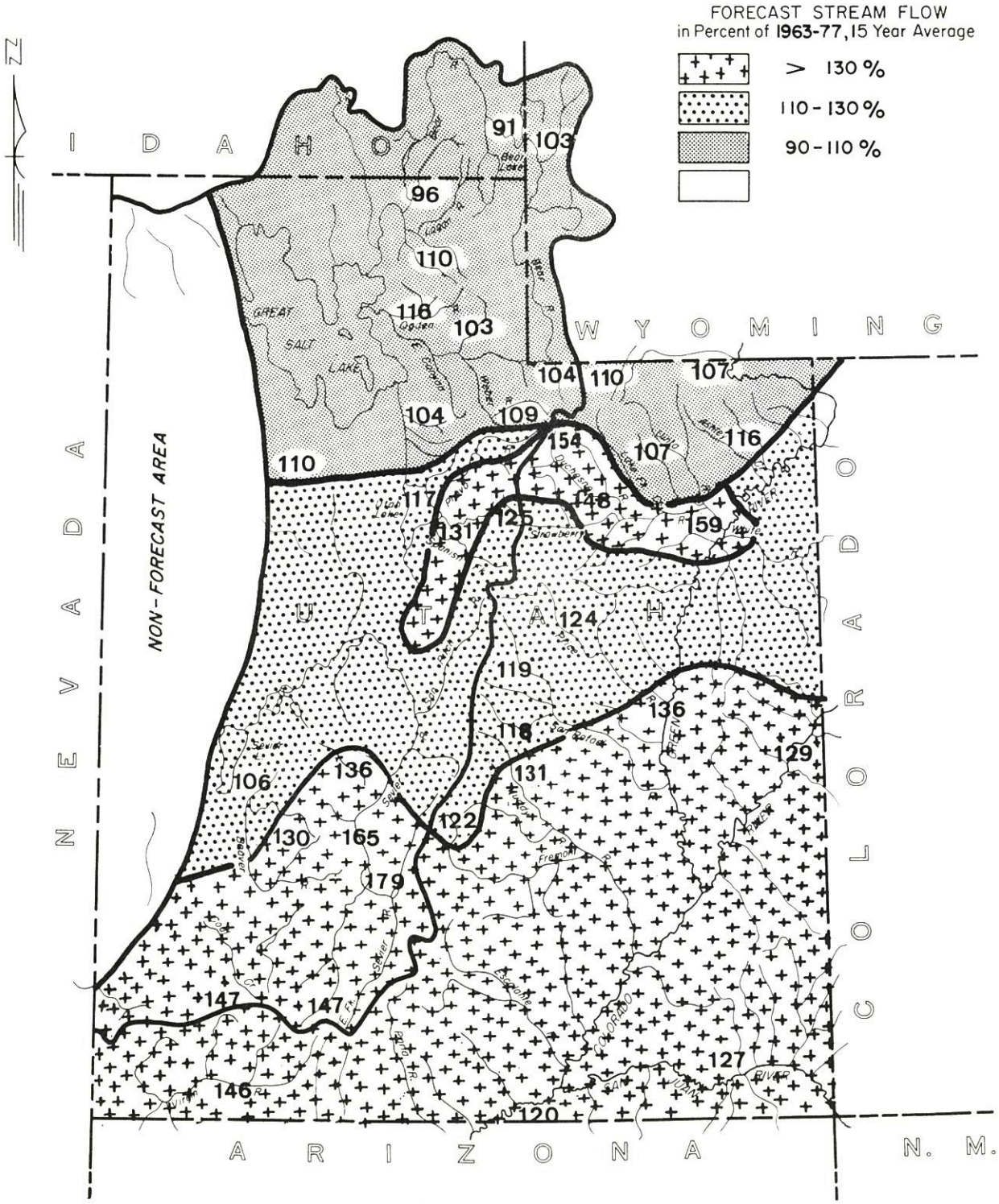
Based on Snow Surveys Made on UTAH and BEAR RIVER WATERSHEDS

February 1, 1980

Approximate Date

50 0 50 100

SCALE IN MILES



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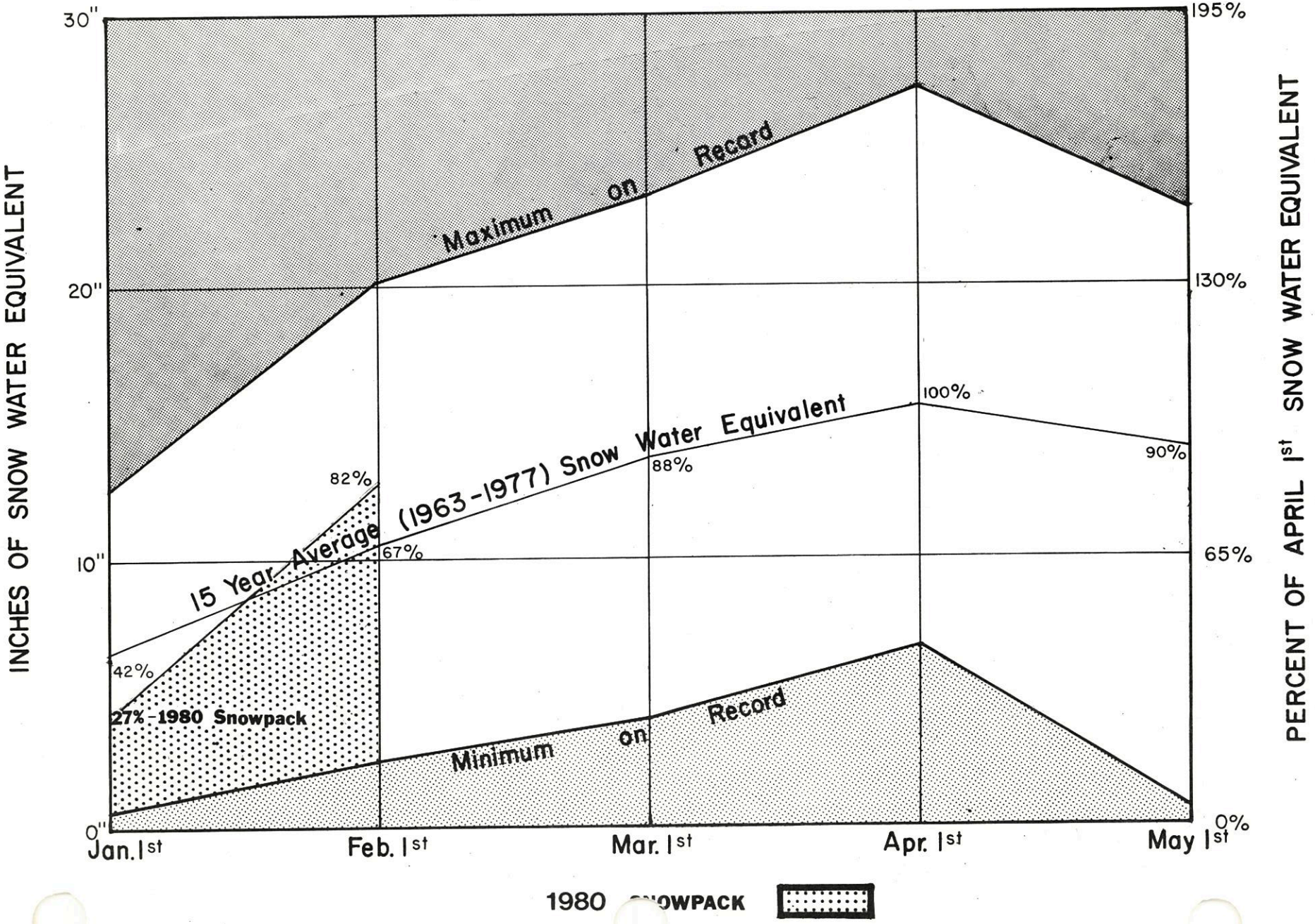
UTAH'S WINTER SNOWPACK

Data based on 51 selected snow courses



WATER SUPPLY OUTLOOK

as of
February 1, 1980

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* * * * * * * * * * * * * * * * * * * * * * * * * * * * * * *
* Utah's 1980 water supply outlook ranges from near average *
* in the north to above average in the south.  Snow cover   *
* improved dramatically and now ranges from average  to     *
* 176% of average.  Reservoir storage is near average state-*
* wide and streamflow is forecast from near average in the  *
* north to better than one and one half times average in    *
* Southern Utah.                                            *
* * * * * * * * * * * * * * * * * * * * * * * * * * * * * * *
```

SNOW COVER

Snow cover has improved with good January storms and now range from 94% of average along the Salt Lake Front to 176% in the southeastern corner of the state on the Blue Mountains. Bear River is 111% of average, Ogden 124%, Weber 113%, Provo 131%, Duchesne 140%, Price 135%, San Rafael 117%, Muddy 143%, Fremont 128%, Upper Sevier 159%, Lower Sevier 116%, Beaver 136%, Coal Creek 145%, and Virgin River 161%.

PRECIPITATION

Precipitation at mountain stations ranged from one and one half times average for January in northern Utah to over four times average in southern Utah. The greatest increase was 17.95 inches at Timpanogos Divide on the American Fork drainage.

SOIL MOISTURE

Watershed soils generally improved at lower elevations and are now near average but remain drier than average at higher elevations.

RESERVOIR STORAGE

Storage in 26 key irrigation reservoirs is about 101% of the February 1 average. Reservoirs in Uintah Basin are below average while those in southern Utah are above average.

STREAMFLOW FORECASTS

Streamflow forecasts now range from 89% of the April-July average for the Bear at Randolph to 179% on the East Fork Sevier.

Bear River is forecast 104% at stateline, 91% at Harer, Idaho, and Logan River 102%. Pineview Inflow is forecast 116%, the Weber at Oahley 109%, Chalk Creek 110%, East Canyon 104%. Lost Creek 103% and Echo Inflow 104%. Provo River is forecast 125% at Hailstone, 135% at Deer Creek, and 117% for the Utah Lake Inflow. Streams along the Salt Lake front range from 119% for Mill Creek to 97% for Big Cottonwood.

WATER SUPPLY OUTLOOK (continued)

Streams in Uintah Basin range from 98% of average on Yellowstone to 172% for the Duchesne at Myton. Lakefork Creek is forecast 103% and Ashley Creek 116% of the April-July average.

Streamflow forecasts on the Price drainage range from 119% for Scoffield Inflow to 130% for Gooseberry Creek and 124% for Price at Heiner. Huntington Creek is forecast 119%, Cottonwood 108%, Ferron Creek 118%, Muddy 131% and Seven Mile Creek 122%.

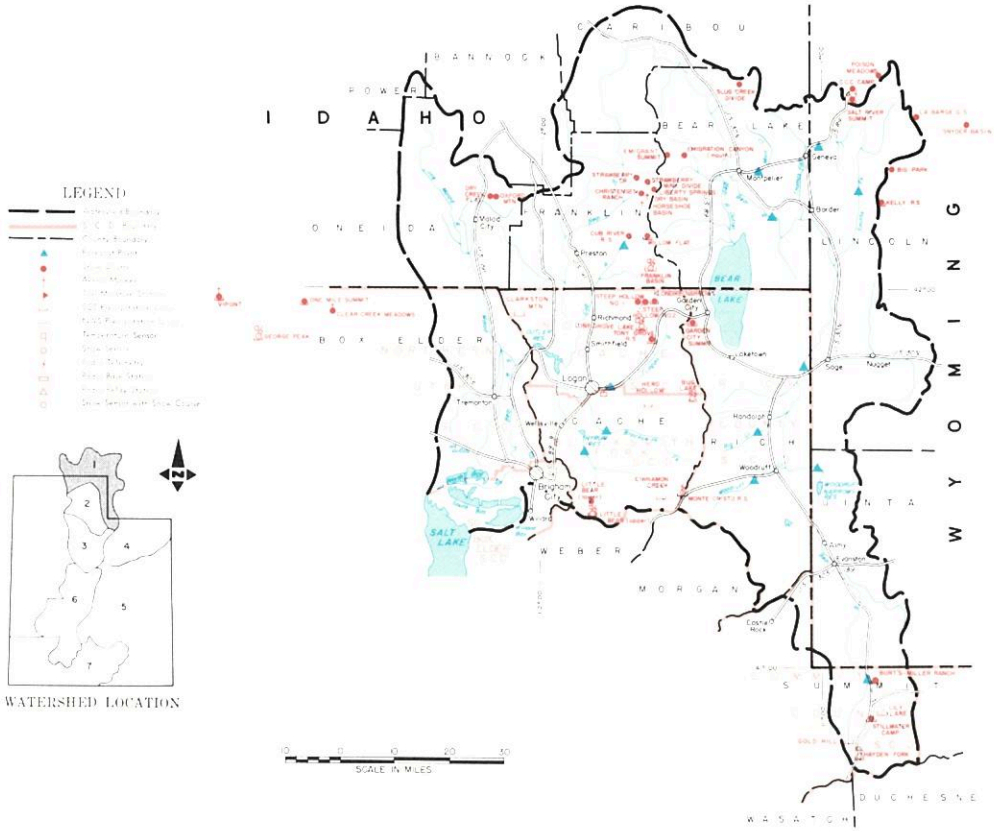
Sevier River forecasts range from 119% for Pleasant Creek to 179% for the East Fork Sevier. The Sevier is forecast 147% at Hatch, 160% at Circleville, 157% at Kingston and 145% at Gunnison. Salina Creek is forecast 130%, Chalk Creek 136%, and Ephrain Creek 135%. Beaver River is forecast 130% at Beaver and 106% for Minersville Reservoir Inflow.

Coal Creek is forecast 147% of average, the Virgin River and Santa Clara 146%, and Lake Powell Inflow 120% of the April-July average.

All water users of the state are expected to have adequate water supplies except possibly some on reservoir water only in Uintah Basin.

WATER SUPPLY OUTLOOK
BEAR RIVER BASIN in UTAH

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



FEBRUARY 1, 1980

THE WATER SUPPLY OUTLOOK IS NEAR AVERAGE

SNOW COVER ranges from 107% of the February 1 average on the Logan River to 116% on the Upper Bear River.

PRECIPITATION at mountain stations varied from 166% of average for January at Salt River Summit to 225% at Garden City Summit.

SOIL MOISTURE under the high snow pack is drier than average. Lower elevations picked up moisture during January.

RESERVOIR STORAGE in Bear Lake is 973,400 acre feet (95%). Woodruff Narrows has 12,500 acre feet (64%), and Hyrum and Porcupine are near average with 10,200 and 2,800 acre feet respectively.

STREAMFLOW FORECASTS range from 89% of the April-July average for the Bear near Randolph to 110% for the Little Bear near Paradise. Other forecasts are as follows: Bear River near Stateline 104%, near Woodruff 95%, at Harer, Idaho 91%, Smith's Fork 102%, Thomas Fork 103%, Logan 102%, Blacksmith Fork 102%, and Woodruff Creek 91%. Most water users are expected to have about average water supplies this season.

USDA-SCS-PORTLAND, OR. 1978 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	PAST RECORD THOUSAND ACRE FEET Average †
BEAR RIVER					
Bear nr UT-Wyo. State Line	119	104	Apr-July	93	114
Bear nr Woodruff	141	95	Apr-July	100	148
Woodruff Crk nr Woodruff, UT	16.8	91	Apr-July	17.4	18.4b
Big Creek nr Randolph, Utah	4.3	102	Apr-July	4.5	4.2b
Bear nr Randolph	107	89	Apr-July	80	120
Thomas Fork nr UT-Wy State Ln	36	103	Apr-Sept	38	35
Smith's Fork nr Border, Wyo.	122	102	Apr-Sept	130	120
Bear at Harer, Idaho 1/	303	91	Apr-Sept	288	332
Logan nr Logan 1	120	102	Apr-July	125	118
Blacksmith Fork nr Hyrum	55	102	Apr-July	57	54
Little Bear nr Paradise	42	110	Apr-June	37	38
Cub River nr Preston, ID	50	96	Apr-Sept	52	52

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

SUMMARY of SNOW MEASUREMENTS (COMPARISON WITH PREVIOUS YEARS)

RIVER BASIN and or SUB-WATERSHED	Number of Courses Averaged	THIS YEAR AS A PERCENT OF Last Year	THIS YEAR AS A PERCENT OF Average
BEAR RIVER	19	96	111
UPPER BEAR RIVER	5	110	116
LOWER BEAR RIVER	14	92	109
LOGAN RIVER	7	94	107

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	973.4	1003.7	1026.5
	Woodruff Narrows	26.5	12.5	17.3	19.5
LITTLE BEAR	Hyrum	15.3	10.2	10.2	10.6
	Porcupine	11.3	2.8	3.4	3.0

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

PEAK FLOWS

FORECAST POINT	PEAK FLOW (SECOND FEET) Forecast Range	PEAK FLOW (SECOND FEET) Average †
Bear River nr UT/WY Stateline	Will publish March 1.	
Big Creek nr Randolph		
Logan River nr Logan		
Woodruff Creek nr Woodruff		
Little Bear nr Paradise		

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	1/31	31	5.9	4.5	--
Cub River R.S.	2/3	22	6.2	8.6	6.4
Emigrant Summit	1/30	65	16.6	17.8	17.0
Franklin Basin	2/3	50	18.1	18.1	17.8a
Hayden Fork	1/31	50	13.3	9.2	9.6b
Klondike Narrows	2/3	45	16.3	15.5	13.0

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 †
Little Bear Lower	2/3	24	7.7	10.6	6.2
Little Bear Upper	2/3	28	8.2	12.5	8.7b
Monte Cristo	2/3	61	19.8	16.9	16.3
Salt River Summit	1/30	46	10.2	12.2	11.0
Stillwater Camp	1/31	45	9.8	7.8	7.2
Tony Grove R.S.	2/3	30	9.4	12.4	8.6

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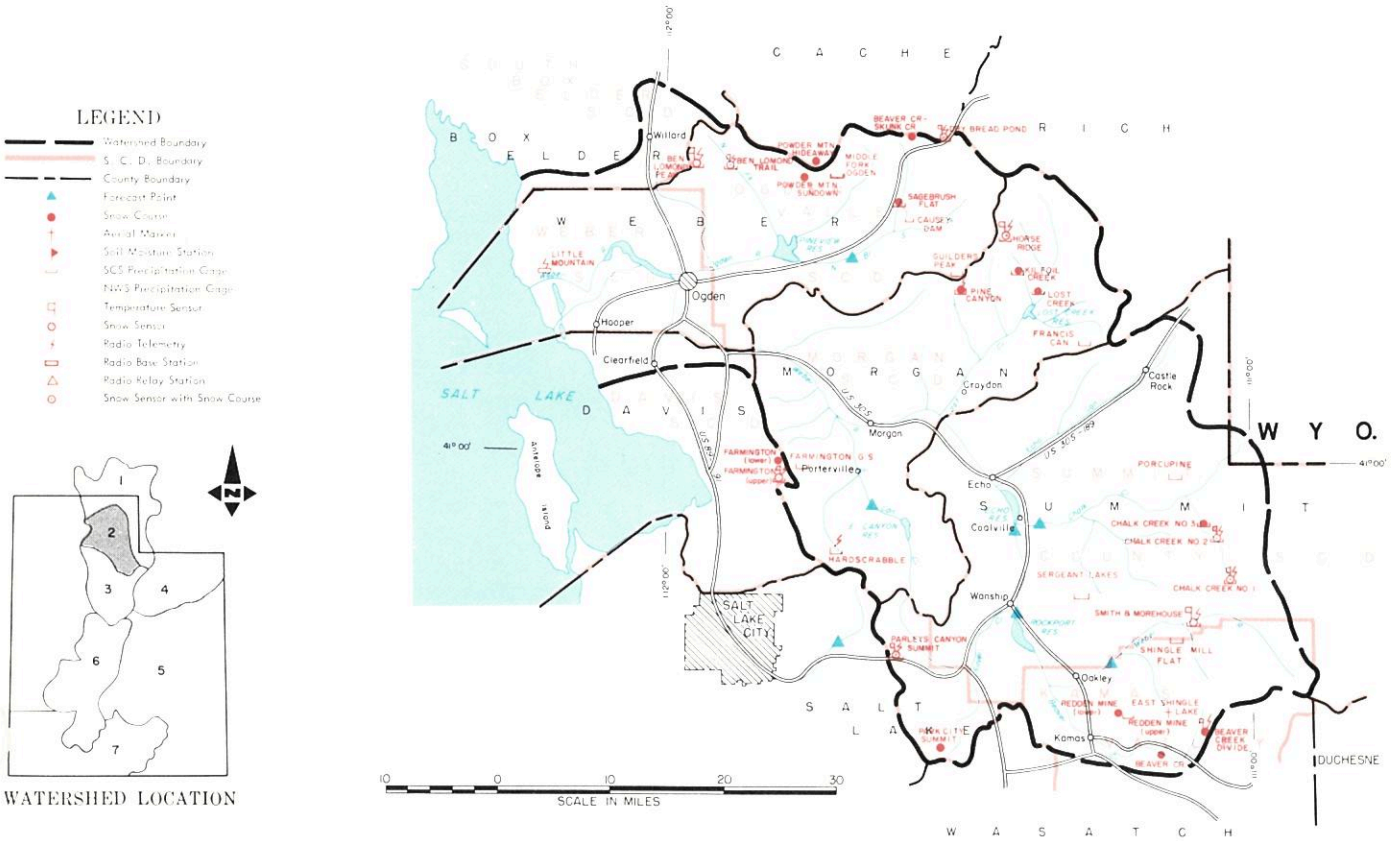
WATER SUPPLY OUTLOOK

WEBER-OGDEN WATERSHEDS in UTAH

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



FEBRUARY 1, 1980

THE WATER SUPPLY OUTLOOK IS NEAR AVERAGE

SNOW COVER is now 113% of the February 1 average on the Weber River and 124% on the Ogden River.

PRECIPITATION at mountain stations during January ranged from 163% at Farmington Lower to 276% at Causey Dam.

SOIL MOISTURE under the medium and high elevation snow pack is drier than average but lower elevations improved during January.

RESERVOIR STORAGE ranges from 78% of average at Rockport to 144% at Willard Bay. Echo is 90% of average, Lost Creek is 105% and East Canyon is 110%. Pineview is 131% of average and Causey is 135%.

STREAMFLOW FORECASTS range from 93% of the April-June average on Hardscrabble Creek to 116% for Pineview Inflow. Weber River is forecast 109% at Oakley, 107% at Rockport, 104% for Echo Inflow and 106% at Gateway. Lost Creek is forecast 103%, Chalk Creek 110%, and East Canyon 104%. All water users are expected to have near average water supplies this season.

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

WEBER-OGDEN WATERSHEDS in UTAH

STREAMFLOW FORECASTS

BASIN, STREAM and/or FORECAST POINT	THIS YEAR FORECAST Thousand Acre Feet	THIS YEAR FORECAST Percent of Average	FORECAST PERIOD	PAST RECORD THOUSAND ACRE FEET Last Year	PAST RECORD THOUSAND ACRE FEET Average †
WEBER-OGDEN RIVERS					
Weber nr Oakley	113	109	Apr-June	76	104
Rockport Reservoir Inflow[1]	120	107	Apr-June	84	112
Chalk Creek at Coalville	43	110	Apr-June	29	39
Weber nr Coalville	125	102	Apr-June	91	123
Echo Reservoir Inflow[1]	167	104	Apr-June	--	160
Lost Creek nr Croydon, Utah	18.0	103	Apr-June	14	17.4b
East Canyon Creek nr Morgan[1]	27	104	Apr-June	18.8	26
Hardscrabble Crk nr Porterville	18.4	93	Apr-June	17.0	18.8
South Fork Ogden nr Huntsville	65	114	Apr-June	61	57
Pineview Reservoir Inflow[2]	133	116	Apr-June	125	115
Weber at Gateway	326	106	Apr-June	258	308
JORDAN RIVER & SALT LAKE					
Farmington Crk nr Farmington	7.7	95	Apr-July	8.1	8.1b

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

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	97	124
WEBER RIVER	9	106	113

RESERVOIR STORAGE (Thousand Acre Feet)

BASIN OR STREAM	RESERVOIR	Usable Capacity	USEABLE STORAGE This Year	USEABLE STORAGE Last Year	USEABLE STORAGE Average †
OGDEN	Causey	6.9	2.7	1.4	2.0b
	Pineview	110.1	68.4	52.6	52.2
WEBER	East Canyon	48.1	30.5	36.8	27.6
	Echo	73.9	43.8	63.7	48.5
	Lost Creek	20.0	13.6	14.7	12.9
	Rockport	60.9	27.5	33.6	35.2
	Willard Bay	193.3	183.5	161.7	127.2b

PEAK FLOWS

FORECAST POINT	PEAK FLOW (SECOND FEET) Forecast Range	PEAK FLOW (SECOND FEET) Average †
South Fork Ogden nr Huntsville	Will publish March 1.	
Chalk Creek nr Coalville		

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.	2/1	35	8.6	5.8	5.9
Beaver Creek-Skunk Creek	2/2	34	10.8	10.8	8.3
Ben Lomond Peak	2/3	74	27.3	28.1	22.4b
Ben Lomond Trail	2/3	43	13.8	17.4	12.4b
Chalk Creek #1	2/1	71	18.7	12.6	13.6a
Chalk Creek #2	2/1	50	12.0	8.2	9.7
Dry Bread Pond	2/2	45	15.9	13.5	12.2

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	2/2	56	17.1	18.5	15.0a
Lost Creek Reservoir	--	--	--	6.9	--
Monte Cristo	2/3	61	19.8	16.9	16.3
Parleys Canyon Summit	2/1	45	11.6	11.9	12.7
Sagebrush Flat	2/2	23	6.0	5.8	4.1
Smith & Morehouse	2/1	39	10.6	8.5	8.9
Trial Lake	2/1	87	20.4	16.8	15.6

e - estimated

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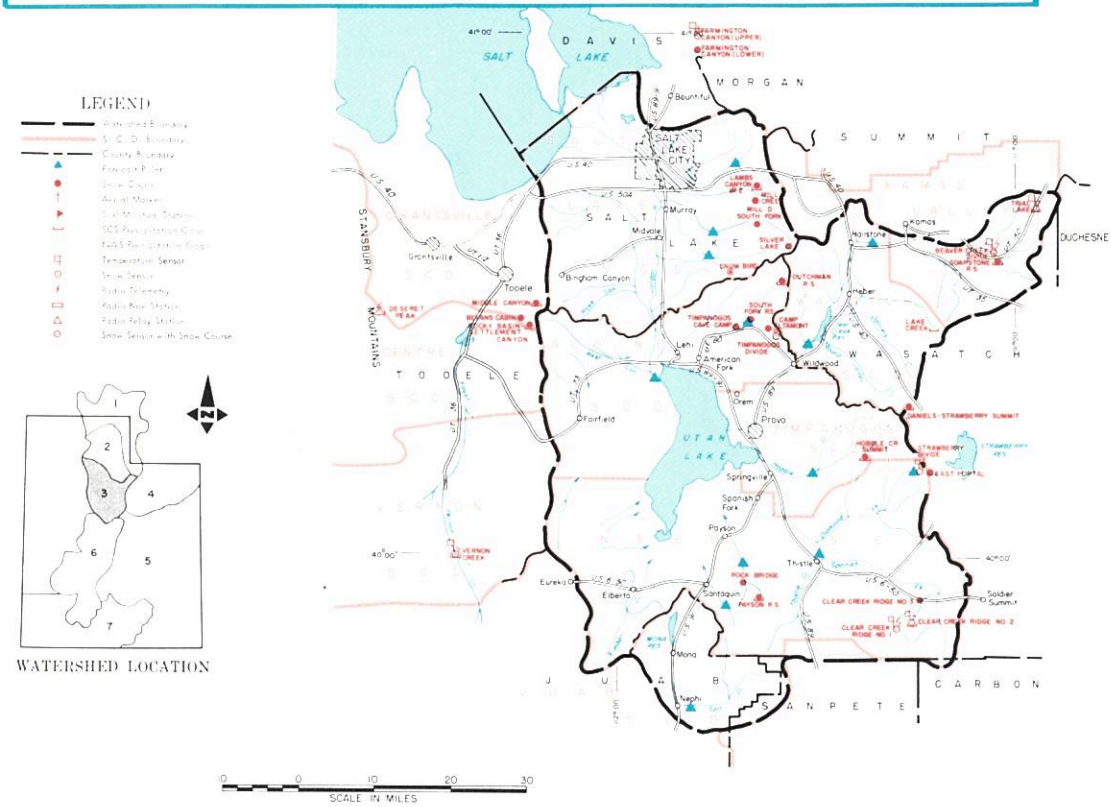
WATER SUPPLY OUTLOOK
UTAH LAKE, JORDAN RIVER and TOOELE VALLEY WATERSHEDS in UTAH

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



FEBRUARY 1, 1980

THE WATER SUPPLY OUTLOOK IS NEAR AVERAGE

SNOW COVER ranges from 94% of average in Jordan River and Tooele Valley drainages to 131% on Provo River and Utah Lake drainages.

PRECIPITATION at mountain stations during January ranged from 144% of average at Middle Canyon above Tooele to 361% of average at Timpanogos Divide.

SOIL MOISTURE is still below average at higher elevations but improved at medium elevations and above average at valley locations.

RESERVOIR STORAGE ranges from 95% of average at Deer Creek to 107% in Utah Lake. Strawberry is 105% of the February 1 average, Vernon Creek is full and Settlement Canyon is half full.

STREAMFLOW FORECASTS range from 90% of average for Vernon Creek to 155% for Hobble Creek. The Provo River is forecast 125% at Hailstone, 135% at Deer Creek Dam and 117% for Utah Lake Inflow. American Fork is forecast 113%, Spanish Fork 131%, Strawberry Inflow 125% and Payson Creek 115%. Little Cottonwood is forecast 101%, Big Cottonwood 97%, Parleys 104%, Mill Creek 119%, Emigration 103% and City Creek 111% of average. Near average or better than average water supplies are expected for water users in the basin this season.

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

UTAH LAKE, JORDAN RIVER and TOOELE VALLEY WATERSHEDS in UTAH

STREAMFLOW FORECASTS

BASIN, STREAM and/or FORECAST POINT	THIS YEAR FORECAST Thousand Acre Feet	THIS YEAR FORECAST Percent of Average	FORECAST PERIOD	PAST RECORD THOUSAND ACRE FEET Last Year	PAST RECORD THOUSAND ACRE FEET Average †
PROVO RIVER AND UTAH LAKE					
Provo nr Hailstone [1]	128	125	Apr-July	110	109
Provo below Deer Creek Dam [1]	162	135	Apr-July	135	122
American Fork nr American Fork	35	113	Apr-July	35	31
Hobble Creek nr Springville [1]	27	155	Apr-July	22	19.7b
Strawberry Reservoir Inflow [1]	65	125	Apr-July	59	52
Spanish Fork at Thistle	51	131	Apr-July	45	39
Payson Creek nr Payson	7.2	115	Apr-July	7.0	--
Utah Lake Inflow	285	117	Apr-July	270	244
JORDAN RIVER & SALT LAKE					
Little Cottonwood Crk nr SLC	38	101	Apr-July	39	38
Big Cottonwood nr SLC	37	97	Apr-July	41	38
Parley's Creek nr SLC	16	104	Apr-July	15.0	15.4
Mill Creek nr SLC	7.5	119	Apr-July	7.0	8.8
Emigration Creek nr SLC	4.1	103	Apr-July	4.5	4.9
City Creek nr SLC	8.9	111	Apr-July	10.5	10.7
TOOELE VALLEY					
Vernon Creek nr Vernon	0.9	90	Mar-July	2.0	1.0
Settlement Crk nr Tooele			Apr-July		

SUMMARY of SNOW MEASUREMENTS (COMPARISON WITH PREVIOUS YEARS)

RIVER BASIN and or SUB-WATERSHED	Number of Courses Averaged	THIS YEAR AS A PERCENT OF Last Year	THIS YEAR AS A PERCENT OF Average
PROVO RIVER & UTAH LAKE	13	109	131
JORDAN RIVER & SALT LAKE	3	96	94
TOOELE VALLEY	2	76	94

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

RESERVOIR STORAGE (Thousand Acre Feet)

BASIN OR STREAM	RESERVOIR	Usable Capacity	USEABLE STORAGE This Year	USEABLE STORAGE Last Year	USEABLE STORAGE Average †
SPANISH FORK	Strawberry	270.0	158.8	161.5	150.8
UTAH LAKE	Utah Lake	883.9	732.5	780.1	683.1
	Settlement Creek	1.2	0.6	0.6	--
	Vernon Creek	0.6	0.6	0.6	--
PROVO	Deer Creek	149.7	102.1	84.7	107.0

PEAK FLOWS

FORECAST POINT	PEAK FLOW (SECOND FEET) Forecast Range	PEAK FLOW (SECOND FEET) Average †
Hobble Creek nr Springville	Will publish March 1.	
Spanish Fork nr Thistle		
Big Cottonwood nr Salt Lake City		

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	--	--	--	--	--
Camp Altamont	2/1	43	14.4	16.5	10.2
Clear Creek #1	2/2	56	17.3	14.2	11.2b
Clear Creek #2	2/2	48	12.9	12.5	9.6b
Clear Creek #3	2/2	29	7.4	--	5.5
Daniels-Strawberry Summit	2/2	48	14.1	10.6	10.0
Deseret Peak	--	--	--	--	--
Dutchman R.S.	2/1	55	17.6	--	12.9
Hobble Creek Summit	2/2	42	10.9	--	9.6
Lambs Canyon #2	1/31	43	10.4	10.2	11.1
Middle Canyon	1/31	31	7.7	9.6	9.2
Mill Creek	2/1	40	10.7	10.9	12.4

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 †
Mill D South Fork	1/28	34	10.5	12.2	13.2
Parleys Canyon Summit	2/1	45	11.6	11.9	12.7
Payson R.S.	2/2	51	15.2	12.2	12.2
Rocky Basin-Settlement Canyon	--	--	--	--	--
Silver Lake Brighton	1/28	61	17.0	15.6	15.8
Soapstone R.S.	2/1	48	10.8	9.5	8.6
South Fork R.S.	2/1	20	4.3	8.8	4.5
Timpanogos Divide	1/31	72	23.2	21.7	16.9
Trial Lake	2/1	87	20.4	16.8	15.6
Vernon Creek	1/30	36	8.0	11.2	7.5b

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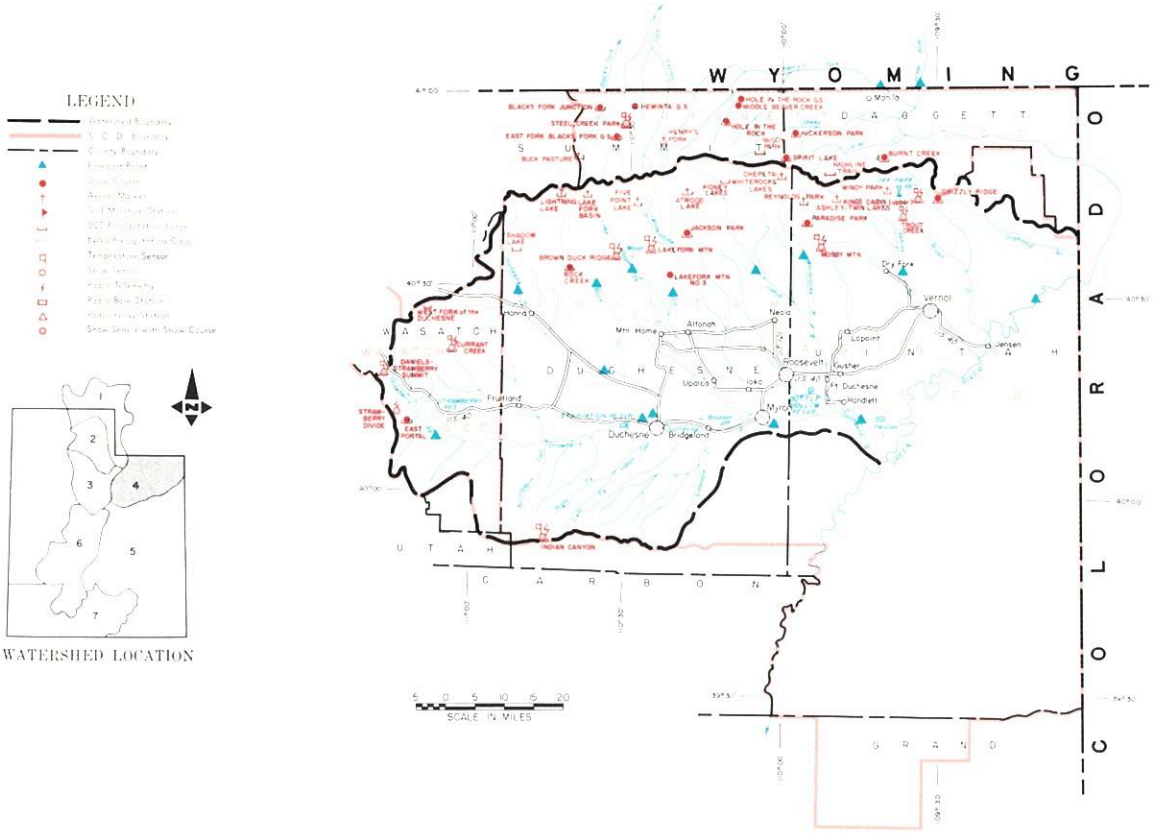
WATER SUPPLY OUTLOOK

UINTAH BASIN and DAGGETT SCD's in UTAH

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



FEBRUARY 1, 1980

THE WATER SUPPLY OUTLOOK RANGES FROM NEAR AVERAGE TO ABOVE AVERAGE

SNOW COVER has improved greatly and ranges from 137% on Ashley Creek to 157% on Uintah-Whiterocks drainages. Lakefork-Yellowstone Creeks are 153% and Strawberry River is 150%.

PRECIPITATION at mountain stations for January ranges from 138% at Burnt Creek to 349% at Mosby Mountain.

SOIL MOISTURE is generally below average.

RESERVOIR STORAGE is below average with Steinaker 66%, Moon Lake 44% and Starvation 32%.

STREAMFLOW FORECASTS range from 93% of average on Henry's Fork to 172% for the Duchesne at Myton. The Duchesne is forecast 148% at Tabiona, 144% at Duchesne and 159% at Randlett. Currant Creek is forecast 105%, Rock Creek 126%, Lakefork 103%, Yellowstone 98%, Uintah 107%, Whiterocks 102%, Ashley Creek 116% and Blacks Fork 110%. Most water users are expected to have adequate water supplies this season. Some may have reduced supplies on reservoir storage only if reservoirs do not fill as runoff progresses this spring.

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	THIS YEAR FORECAST PERIOD	PAST RECORD THOUSAND ACRE FEET Last Year	PAST RECORD THOUSAND ACRE FEET Average †
DUCHESNE RIVER					
Duchesne nr Tabiona[1]	158	148	Apr-July	98	107
Duchesne at Duchesne[1]	277	144	Apr-July	178	193
Strawberry at Duchesne	76	133	Apr-July	60	57
Rock Creek nr Mtn. Home	120	126	Apr-July	99	95
Currant Creek nr Fruitland	21	105	Apr-July	21	20
Lakefork below Moon Lake[1]	74	103	Apr-July	72	72
Yellowstone nr Altonah	66	98	Apr-July	68	67
Duchesne at Myton[1]	362	172	Apr-July	220	210
Whiterocks nr Whiterock	61	102	Apr-July	57	60
Uintah nr Neola	95	107	Apr-July	90	89
Duchesne at Randlett[1]	424	159	Apr-July	266	266
West Fork Duchesne at Hanna	40	154	Apr-July	25	26
FLAMING GORGE TO DUCHESNE RIVER					
Henry's Fork nr Manila	50	93	Apr-Sept	48	54
Black's Fork at Millburne	101	110	Apr-July	80	92
Flaming Gorge Inflow[1]	1380	107	Apr-July	1300	1292
Ashley Creek nr Vernal	59	116	Apr-July	57	51

SUMMARY of SNOW MEASUREMENTS (COMPARISON WITH PREVIOUS YEARS)

RIVER BASIN and or SUB-WATERSHED	Number of Courses Averaged	THIS YEAR AS A PERCENT OF Last Year	THIS YEAR AS A PERCENT OF Average
DUCHESNE RIVER - TOTAL	9	100	140
LAKEFORK-YELLOWSTONE CREEKS	1	102	153
STRAWBERRY RIVER	2	133	150
UINTAH - WHITEROCKS RIVERS	2	114	157
ASHLEY CREEK	1	132	137
BLACK'S FORK			

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

RESERVOIR STORAGE (Thousand Acre Feet)

BASIN OR STREAM	RESERVOIR	Usable Capacity	USEABLE STORAGE This Year	USEABLE STORAGE Last Year	USEABLE STORAGE Average †
ASHLEY CREEK	Steinaker	33.3	13.6	11.3	20.5
GREEN RIVER	Flaming Gorge	3749.0	2318.0	2595.4	--
LAKE FORK	Moon Lake	35.8	7.5	6.9	16.8
STRAWBERRY	Starvation	165.3	42.7	141.6	129.4b
UINTAH	Bottle Hollow	11.3	10.2	9.5	9.8b

PEAK FLOWS

FORECAST POINT	PEAK FLOW (SECOND FEET) Forecast Range	PEAK FLOW (SECOND FEET) Average †
Strawberry at Duchesne	Will publish March 1.	
Ashley Creek nr Vernal		

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	2/1	69	16.5	--	9.5
Currant Creek	2/2	45	11.8	--	7.3b
Daniels-Strawberry	2/2	48	14.1	10.6	10.0
Hewinta G.S.	1/31	38	9.1	6.3	--
Hickerson Park	1/31	33	7.5	5.0	--
Hole-in-the-Rock	--	--	--	--	--
Hole-in-the-Rock G.S.	--	--	--	--	--
Jackson Park	--	--	--	10.5	--
Kings Cabin Upper	1/31	50	10.3	7.8	--

SNOW

DRAINAGE BASIN and/or SNOW COURSE NAME	THIS YEAR Date of Survey	THIS YEAR Snow Depth (Inches)	THIS YEAR Water Content (Inches)	PAST RECORD Water Content (Inches) Last Year	PAST RECORD Water Content (Inches) Average †
Lakefork Mountain	2/1	46	10.4	10.2	6.8
Mosby Mountain	2/1	44	10.5	7.5	6.3
Paradise Park	2/1	49	12.5	12.6	8.3
Rock Creek Ranch	2/1	36	9.5	6.9	--
Spirit Lake	1/31	41	10.0	9.8	--
Steel Creek Park	1/31	54	13.0	9.0	--
Strawberry Divide	--	--	--	16.4	12.4
Trout Creek	1/31	44	9.5	9.1	--

e - estimated

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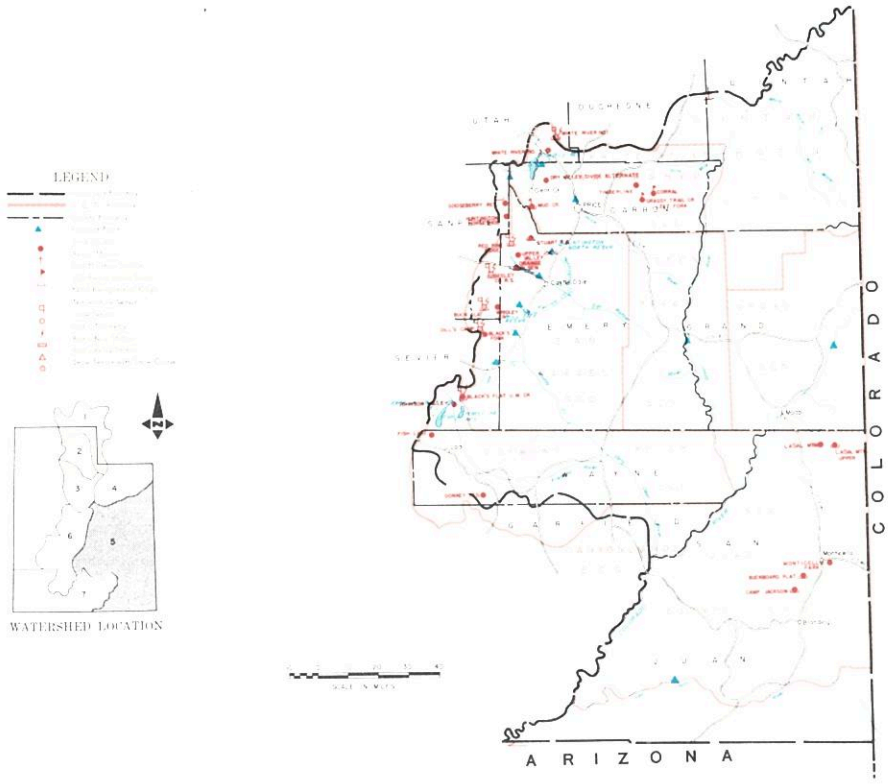
WATER SUPPLY OUTLOOK
CARBON, EMERY, WAYNE, GRAND and SAN JUAN COUNTIES in UTAH

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



FEBRUARY 1, 1980

THE WATER SUPPLY OUTLOOK IS NEAR AVERAGE

SNOW COVER ranges from 117% on the San Rafael to 176% of the February 1 average on the Blue Mountains. Price River Basin is 135%, and Muddy is 143%, and the LaSal's 145% of average. Fremont River Basin is 128% of average.

PRECIPITATION at mountain stations was generally two to three times average.

SOIL MOISTURE under the high elevation snow pack is still drier than average. Valley locations improved during the month.

RESERVOIR STORAGE is near average. Scofield has 43,200 acre feet compared to 40,000 last year. Joe's Valley has 33,800 acre feet and 43,600 a year ago. Mill Site is estimated to have about 4,000 acre feet compared to 5,600 last year at this time.

STREAMFLOW FORECASTS range from 108% of average on Cottonwood Creek to 136% for the Green at Green River. Other forecasts are as follows: Scofield Inflow 119%, Price near Heiner 124%, Huntington Creek 119%, Ferron Creek 118%, Muddy Creek 131%, Seven Mile Creek 122%, Mill Creek 135%, San Juan 127% at Bluff and the Colorado near Cisco 129%. Water users in this area are expected to have adequate water supplies this season.

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

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

STREAMFLOW FORECASTS

BASIN, STREAM and/or FORECAST POINT	THIS YEAR FORECAST Thousand Acre Feet	THIS YEAR FORECAST Percent of Average	THIS YEAR FORECAST PERIOD	PAST RECORD THOUSAND ACRE FEET Last Year	PAST RECORD THOUSAND ACRE FEET Average †
PRICE RIVER					
Gooseberry Crk nr Scofield	13	130	Apr-July	15.0	10.1
Scofield Reservoir Inflow	43	119	Apr-July	52	36
Price nr Heiner[1]	79	124	Apr-July	90	64
SAN RAFAEL RIVER					
Huntington Crk nr Huntington	55	119	Apr-July	71	49b
Cottonwood Crk nr Orangeville	48	108	Apr-July	48	44b
Ferron Creek nr Ferron	46	118	Apr-July	40	34
MUDDY CREEK					
Muddy Creek nr Emery	22	131	Apr-July	20	16.8
UPPER COLORADO BASIN					
Colorado nr Cisco, Utah	3500	129	Apr-July	4100	2716
Green at Green River, Utah	4040	136	Apr-July	3500	2975
Mill Creek nr Moab	6.9	135	Apr-July	10.0	5.1b
Navajo Reservoir Inflow	810	133	Apr-July	1150	608
San Juan nr Bluff, Utah	1100	127	Apr-July	1600	865
FREMONT RIVER					
Seven Mile Crk nr Fish Lake	7.8	122	Apr-July	7.0	6.4

SUMMARY of SNOW MEASUREMENTS (COMPARISON WITH PREVIOUS YEARS)

RIVER BASIN and or SUB-WATERSHED	Number of Courses Averaged	THIS YEAR AS A PERCENT OF Last Year	THIS YEAR AS A PERCENT OF Average
PRICE RIVER	3	93	135
SAN RAFAEL RIVER	6	95	117
FREMONT RIVER	3	74	128
LASAL MOUNTAINS	2	82	145
BLUE MOUNTAINS	2	63	176
MUDDY RIVER	2	109	143

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

RESERVOIR STORAGE (Thousand Acre Feet)

BASIN OR STREAM	RESERVOIR	Usable Capacity	USEABLE STORAGE This Year	USEABLE STORAGE Last Year	USEABLE STORAGE Average †
PRICE RIVER	Scofield	65.8	43.2	40.0	34.7
SAN RAFAEL	Huntington North	3.9	2.2	1.5	2.4b
	Joe's Valley	54.6	33.8	43.6	36.0b
	Mill Site	16.7	4.0e	5.6	--
SAN JUAN	Navajo	1696.0	1157.0	1180.7	--

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

PEAK FLOWS

FORECAST POINT	PEAK FLOW (SECOND FEET) Forecast Range	PEAK FLOW (SECOND FEET) Average †
Ferron Creek near Ferron	Will publish March 1.	
Muddy Creek near Emery		

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	2/1	51	12.8	14.4	10.2
Buckboard Flat	1/28	48	12.7	21.1	7.1e
Camp Jackson	1/28	46	12.6	19.3	7.3e
Dills Camp	2/1	44	10.5	9.6	7.0b
Dry Valley Divide Alternate	2/1	42	9.9	9.9	7.2
Huntington-Horseshoe	2/1	53	16.1	17.6	14.8b

SNOW

DRAINAGE BASIN and/or SNOW COURSE NAME	THIS YEAR Date of Survey	THIS YEAR Snow Depth (Inches)	THIS YEAR Water Content (Inches)	PAST RECORD Water Content (Inches) Last Year	PAST RECORD Water Content (Inches) Average †
Mammoth-Cottonwood R.S.	2/1	51	16.2	16.4	13.2
Monticello City Park	1/31	22	5.9	8.8	--
Mud Creek	2/1	48	11.8	11.8	8.8
Seeley Creek	2/2	37	11.4	12.5	9.3b
White River #1	2/2	44	11.6	13.9	8.6
White River #3	2/2	32	8.2	8.1	--

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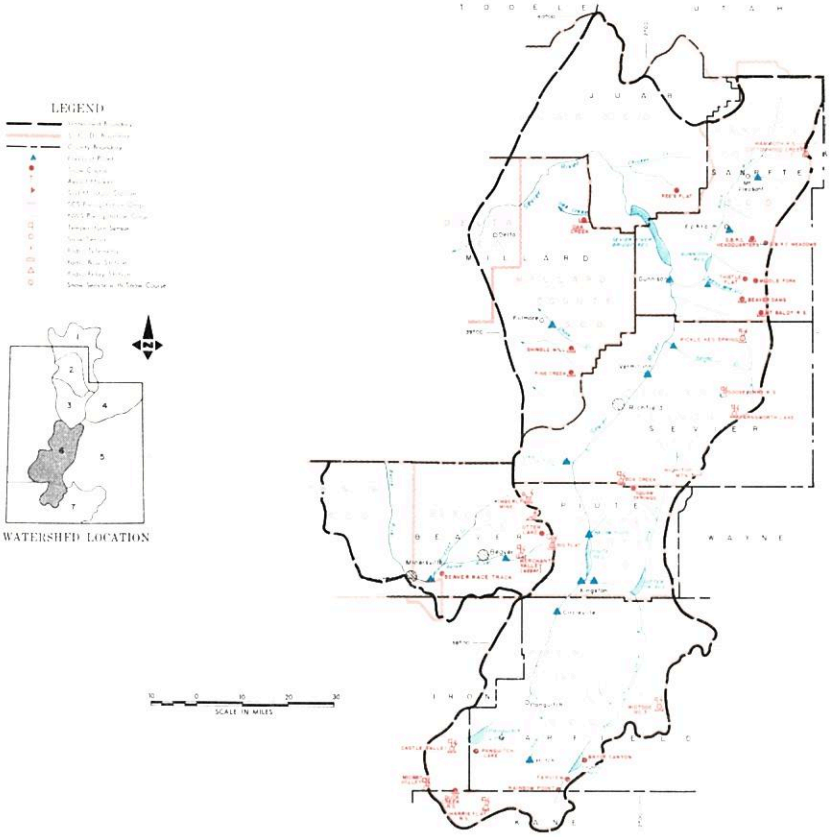
WATER SUPPLY OUTLOOK

SEVIER RIVER BASIN including BEAVER RIVER in UTAH

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



FEBRUARY 1, 1980

THE WATER SUPPLY OUTLOOK IS ABOVE AVERAGE

SNOW COVER ranges from 116% of the February average to 159% on the South Fork Sevier. The East Fork is 139% and Beaver River is 136%.

PRECIPITATION at mountain stations ranged from 118% at Gooseberry Ranger Station to 408% at Duck Creek Ranger Station.

SOIL MOISTURE under the high elevation snow pack is still drier than average but improved considerably at valley locations.

RESERVOIR STORAGE is above average except possibly in Gunnison where storage was estimated at about 8,000 acre feet or 68% of average. Otter Creek is 139% of average, Piute is 127%, Sevier Bridge is 103% and Minersville is 193% of average.

STREAMFLOW FORECASTS range from 106% for Minersville Inflow to 179% for the East Fork Sevier. The Sevier River is forecast 147% at Hatch, 160% at Circleville, 157% at Kingston, and 145% at Gunnison. Salina Creek is forecast 130%, Chalk Creek 136%, Ephraim Creek 135%, Pleasant Creek 119%, and Beaver River 130% of the April-July average. Water users in this area are expected to have above average water supplies 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	PAST RECORD THOUSAND ACRE FEET Average †
SEVIER RIVER					
Sevier at Hatch	60	147	Apr-July	80	41
Sevier nr Circleville	48	160	Apr-July	65	29
Sevier nr Kingston	35	157	Apr-July	53	22
Antimony Crk nr Antimony	11.5	158	Apr-July	14.7	6.9
East Fork Sevier nr Kingston[1]	27	179	Apr-July	38	15.4
Sevier below Piute Dam	60	165	Apr-July	85	36
Clear Crk nr Sevier (abv Div)	25	140	Apr-July	31	17.8
Inflow					
Kingston to Vermillion Dam	70	125	Apr-June	105	56
Vermillion Dam to Gunnison	51	148	Mar-June	55	35
Salina Creek at Salina	15.1	130	Apr-June	18.5	11.1
Sevier nr Gunnison	72	145	Apr-July	78	50
Chalk Creek nr Fillmore	21	136	Apr-July	18.0	15.5b
Chicken Creek nr Levan	4.1	132	Apr-July	--	3.1
Oak Cr. nr Oak City	--	--	Apr-July	--	1.4
SAN PITCH RIVER					
Ephraim Creek nr Ephraim	20	135	Apr-July	28.5	14.5
Pleasant Crk nr Mt. Pleasant	10	119	Apr-July	12.4	8.6
BEAVER RIVER					
Beaver nr Beaver	26	130	Apr-July	32	20
North Creek (Combined)	15.9	130	Apr-July	15.2	12.2b
Minersville Reservoir Inflow	7.0	106	Apr-June	12.2	6.6

SUMMARY of SNOW MEASUREMENTS (COMPARISON WITH PREVIOUS YEARS)

RIVER BASIN and/or SUB-WATERSHED	Number of Courses Averaged	THIS YEAR AS A PERCENT OF Last Year	THIS YEAR AS A PERCENT OF Average
UPPER SEVIER RIVER	6	72	130
East Fork Sevier	2	62	139
South Fork Sevier	4	80	159
LOWER SEVIER	7	96	116
BEAVER RIVER	3	77	136

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

RESERVOIR STORAGE (Thousand Acre Feet)

BASIN OR STREAM	RESERVOIR	USEABLE CAPACITY	USEABLE STORAGE This Year	USEABLE STORAGE Last Year	USEABLE STORAGE Average †
SEVIER RIVER	Gunnison	18.2	8.0e	9.3	11.7
	Otter Creek	52.5	41.2	19.2	29.6
	Piute	71.8	51.3	27.2	40.1
	Sevier Bridge	236.0	117.7	59.5	113.6
BEAVER RIVER	Minersville (Rky Fd)	23.3	17.2	11.6	12.0

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

PEAK FLOWS

FORECAST POINT	PEAK FLOW (SECOND FEET) Forecast Range	PEAK FLOW (SECOND FEET) Average †
Sevier River at Hatch	Will publish March 1.	
Sevier River nr Circleville		
Sevier River nr Kingston		
Clear Creek nr Sevier		
Salina Creek nr Salina		
Beaver River nr Beaver		

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	1/31	57	13.8	18.2	10.0
Bryce Canyon	1/28	18	3.7	9.9	3.0
Castle Valley	1/31	41	10.3	15.4	--
Duck Creek	2/3	56	14.5	19.8	8.0
Farnsworth Lake	2/3	49	14.1	13.3	11.8
Gooseberry R.S.	2/3	32	9.1	8.4	7.4

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 †
Harris Flat	2/3	34	9.3	14.0	5.3
Kimberly Mine	1/31	55	14.1	15.4	9.5b
Long Valley Junction	2/3	32	8.5	15.8	3.2
Merchants Valley Upper	1/31	41	9.8	11.2	7.5b
Midway Valley	2/3	65	18.2	24.0	12.7
Otter Lake	1/31	42	10.4	14.6	7.5
Pickle Keg Springs	2/1	46	12.3	13.8	10.5
Widtsoe-Escalante #3	2/3	36	9.4	14.6	6.4

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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, 1980

THE WATER SUPPLY OUTLOOK IS ABOVE AVERAGE

SNOW COVER ranges from 145% of the February 1 average on Coal Creek to 161% on the Virgin River. Parowan Creek is 146% of average and Long Flat has as much water as it usually has on March 1 and Little Grassy above Enterprise has twice as much Snow Water Content as it usually has on March 1.

PRECIPITATION at mountain stations was generally heavy ranging from over twice average in Parowan Canyon to more than three times average over most of the rest of the area.

SOIL MOISTURE under the higher elevation snow is still drier than average but medium and lower elevations improved greatly with January precipitation.

RESERVOIR STORAGE is above average. Reports indicate Gunlock and Exterprise Reservoirs are full and spilling as a result of heavy January precipitation and snow melt.

STREAMFLOW FORECASTS range from 120% of the April-July average for Lake Powell Inflow to 146% for the Virgin and Santa Clara and 147% for Coal Creek. Streams flowing into Enterprise Reservoirs and the Santa Clara River still has the potential for high peak flows with better than March 1 average snow pack still on the ground at 6000 foot elevations and above. Above average water supplies are expected for water users in this area this season.

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

EAST GARFIELD, KANE, WASHINGTON and IRON COUNTIES in UTAH

STREAMFLOW FORECASTS

BASIN, STREAM and/or FORECAST POINT	THIS YEAR FORECAST Thousand Acre Feet	THIS YEAR FORECAST Percent of Average	THIS YEAR FORECAST PERIOD	PAST RECORD THOUSAND ACRE FEET Last Year	PAST RECORD THOUSAND ACRE FEET Average †
VIRGIN RIVER					
Virgin nr Hurricane	71	146	Apr-June	93	48.5
Santa Clara nr Pine Valley	6.0	146	Apr-June	8.0	4.1
COAL CREEK					
Coal Creek nr Cedar City	25	147	Apr-July	30	17.0
UPPER COLORADO					
Lake Powell Inflow	8350	120	Apr-July	9700	6952

2 - Provisional Flows - Subject to correction

SUMMARY of SNOW MEASUREMENTS (COMPARISON WITH PREVIOUS YEARS)

RIVER BASIN and/or SUB-WATERSHED	Number of Courses Averaged	THIS YEAR AS A PERCENT OF Last Year	THIS YEAR AS A PERCENT OF Average
COAL CREEK	3	70	145
VIRGIN RIVER	3	66	161
PAROWAN CREEK	3	81	146

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	20,904.0	15222.0	---
	Blue Mesa	829.5	510.0	523.2	---

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

PEAK FLOWS

FORECAST POINT	PEAK FLOW (SECOND FEET) Forecast Range	PEAK FLOW (SECOND FEET) Average †
Coal Creek nr Cedar City	Will publish March 1.	
Virgin nr Virgin		

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	1/31	31	9.0	9.3	4.3b
Brian Head	1/31	59	15.5	21.2	12.4b
Harris Flat	2/3	34	9.3	14.0	5.3
Kolob-Crystal	2/3	69	18.5	28.8	13.3b
Little Grassy	2/3	22	7.3	13.5	--
Long Flat	2/3	22	5.7	13.6	4.7

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	2/3	32	8.5	15.8	3.2
SUSC Ranch	1/31	29	7.3	14.0	5.8b
Tall Poles	1/31	47	12.2	14.7	8.5b
Webster Flat	2/3	57	16.1	21.0	10.2
Yankee Reservoir	1/31	29	7.6	10.6	--

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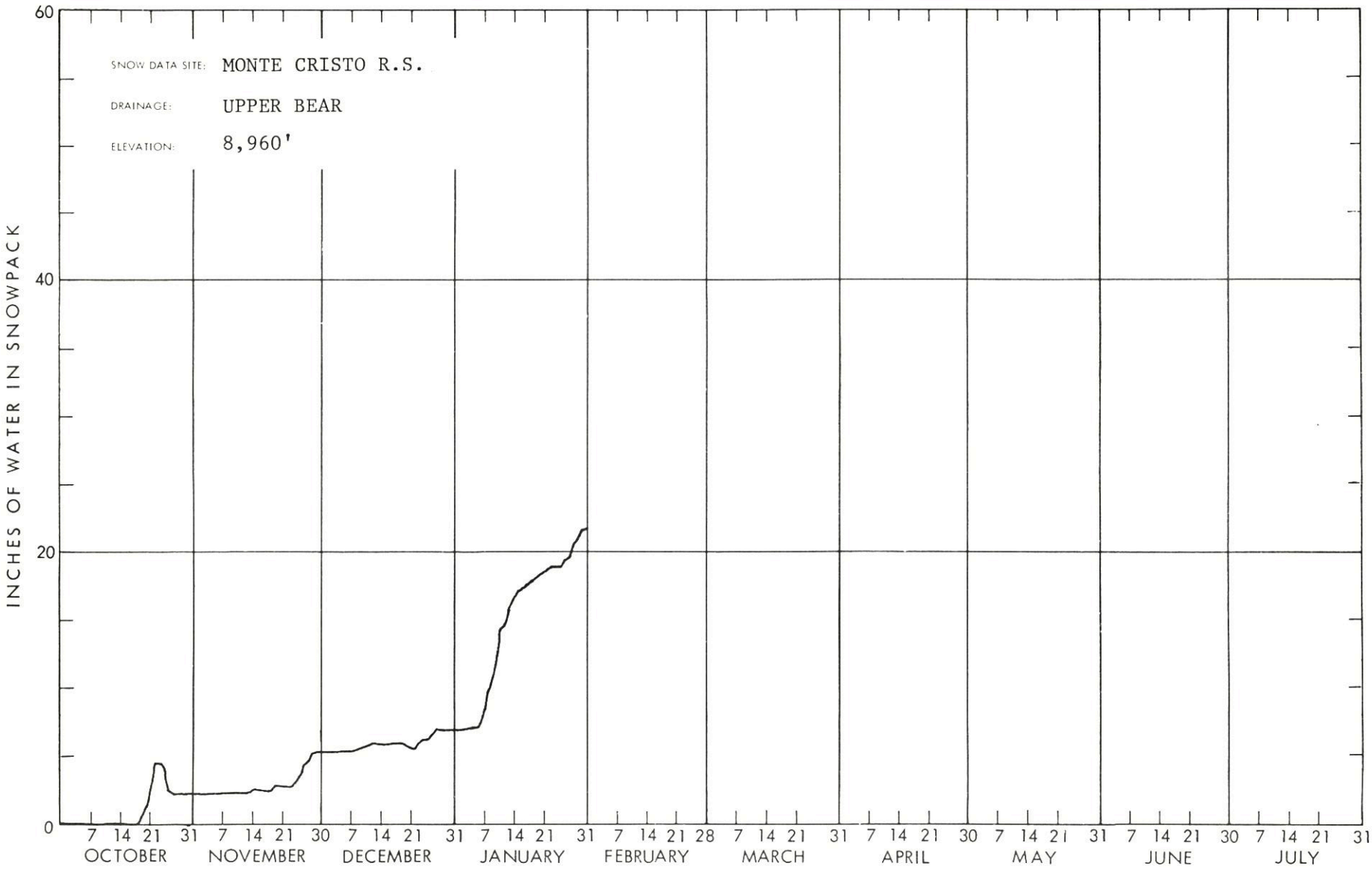
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DRAINAGE: UPPER BEAR
ELEVATION: 8,960'
INCHES OF WATER IN SNOWPACK
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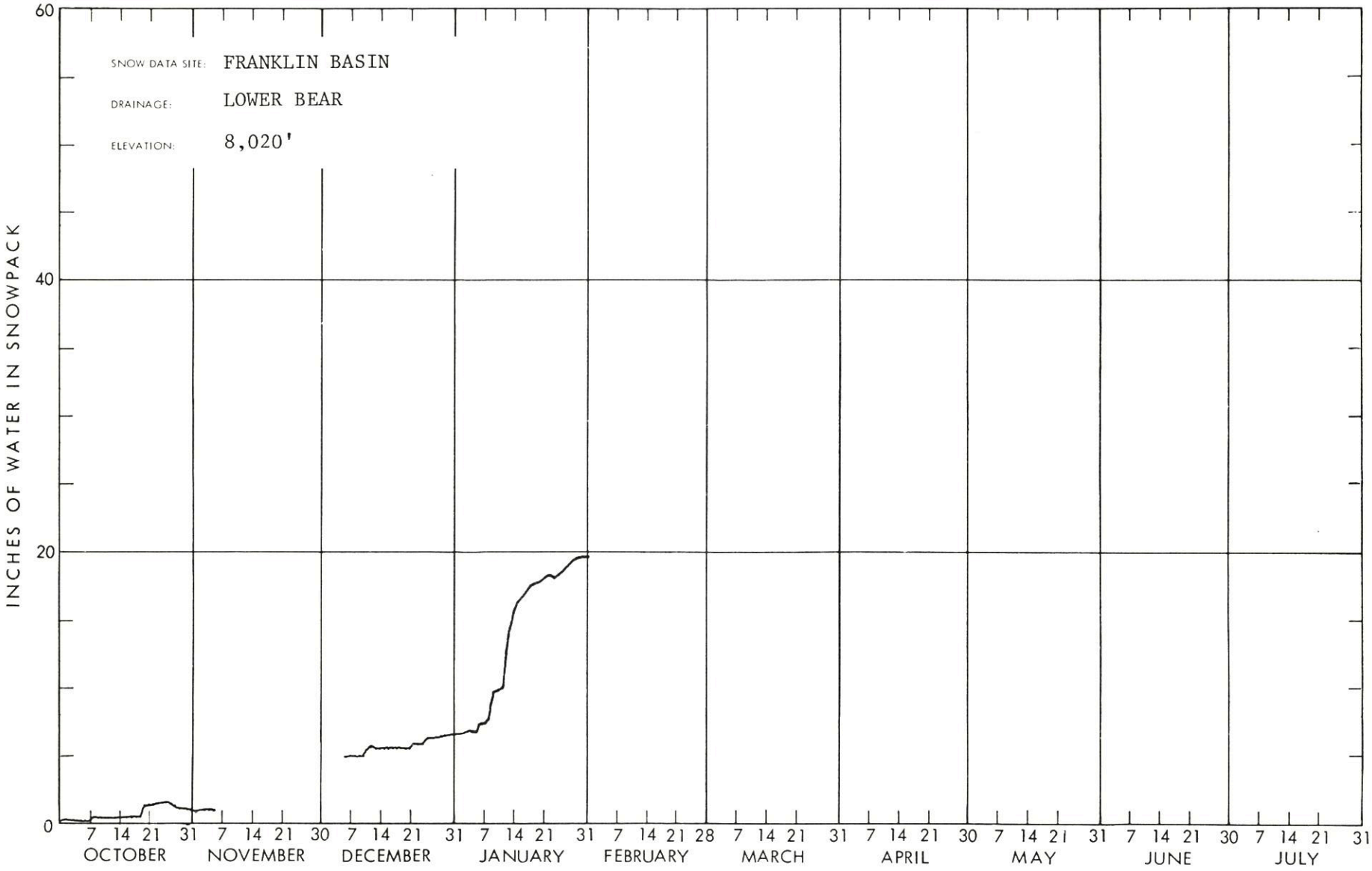
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DRAINAGE: LOWER BEAR
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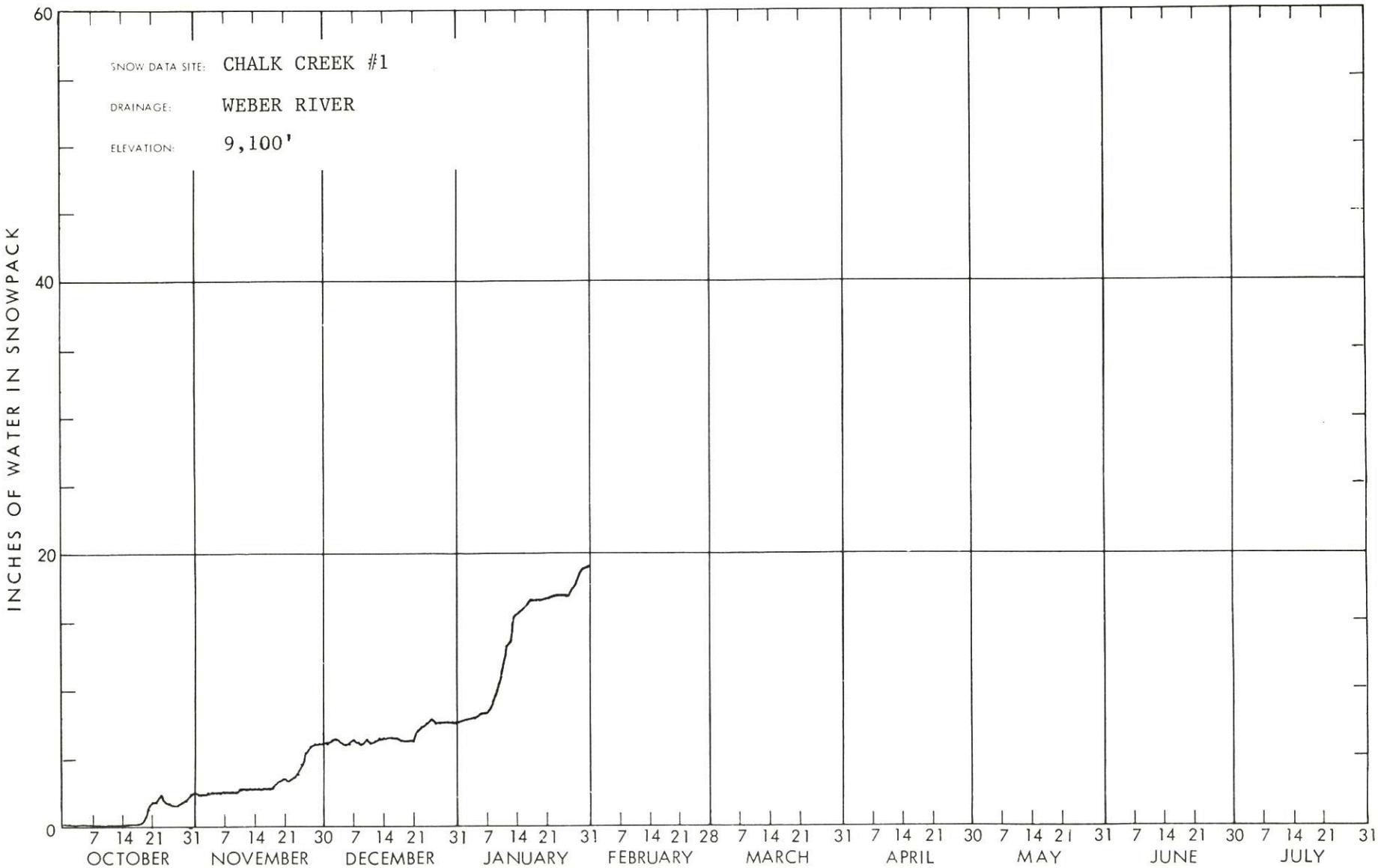
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DRAINAGE: WEBER RIVER
ELEVATION: 9,100'
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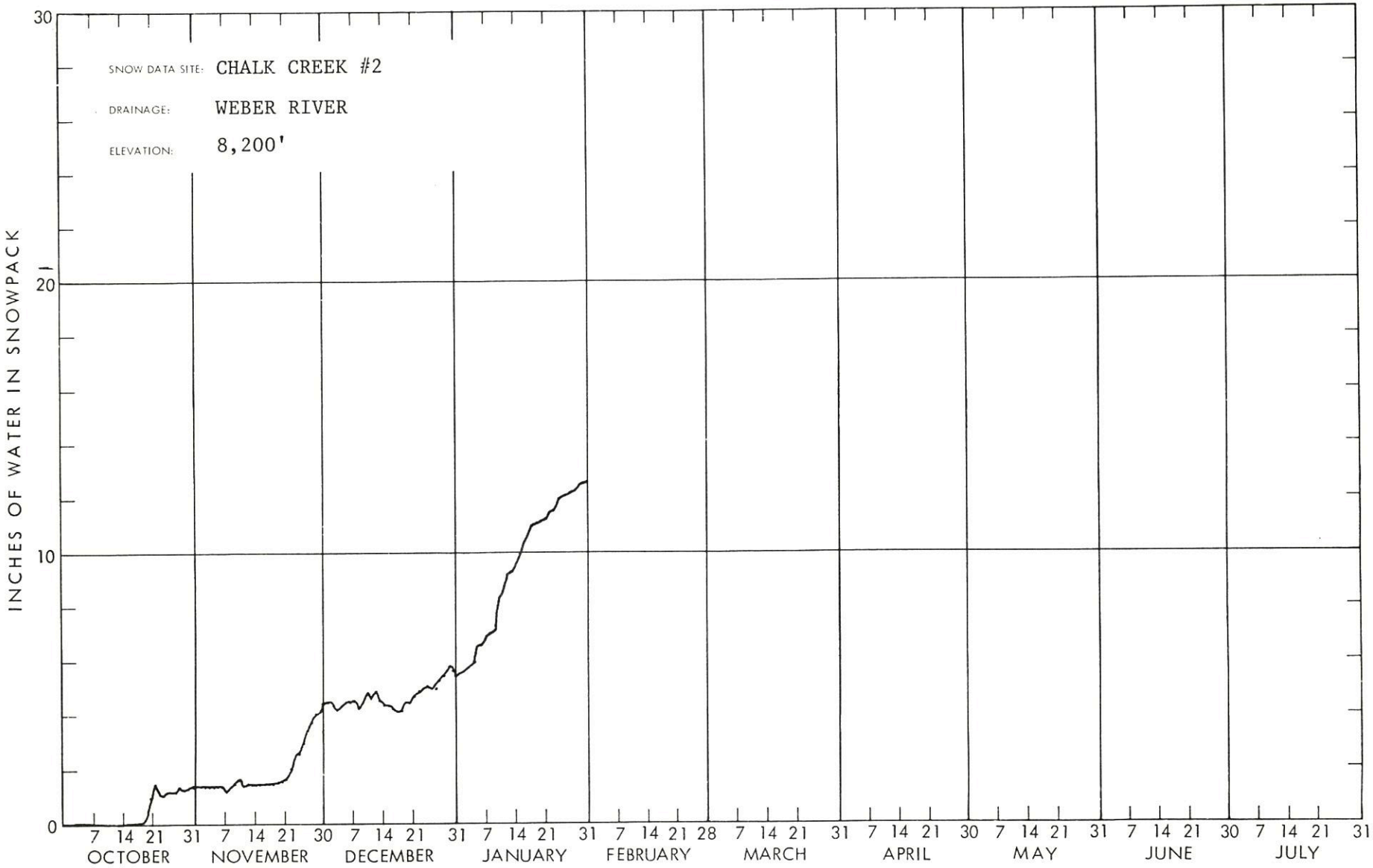
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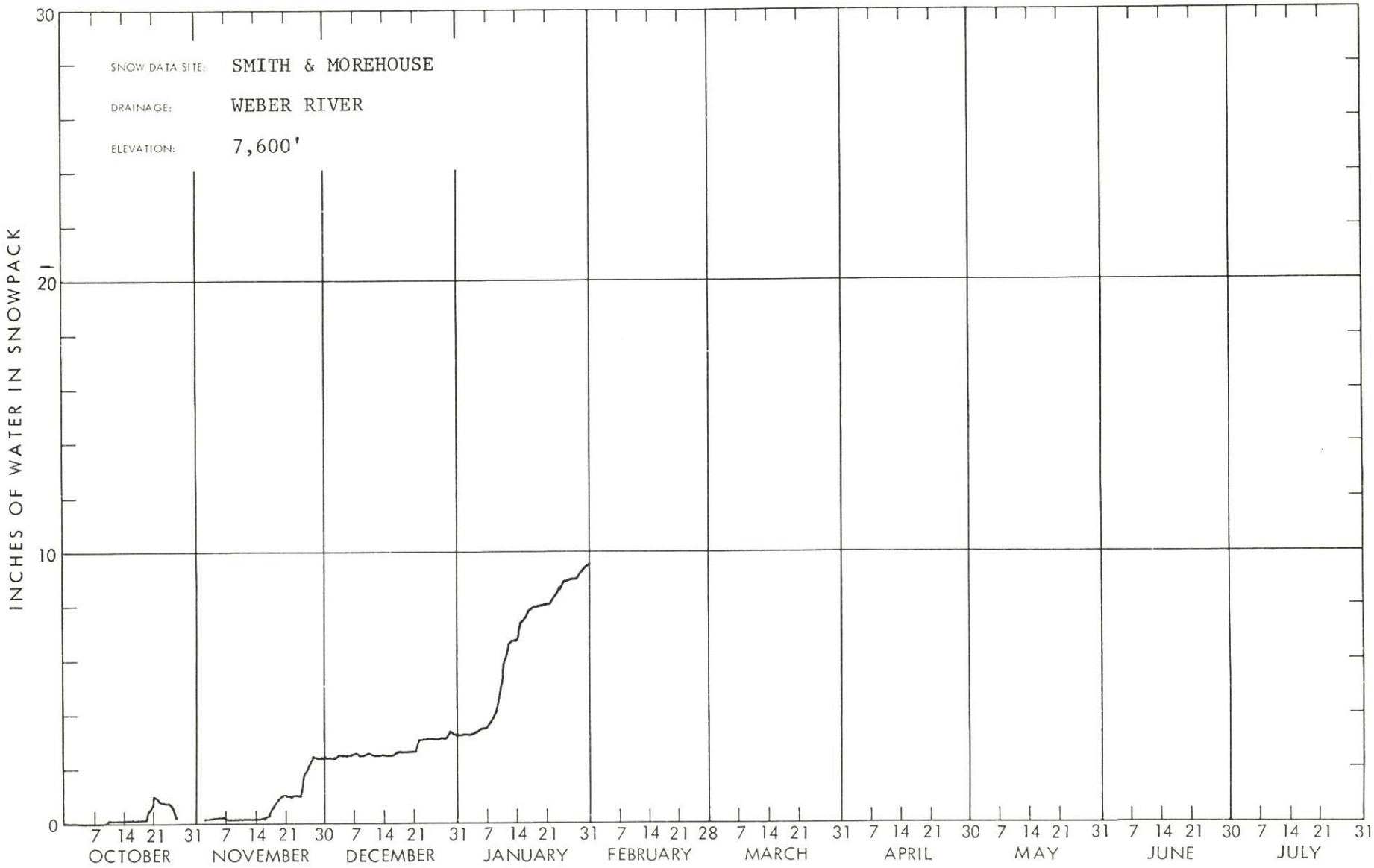
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DRAINAGE: WEBER RIVER
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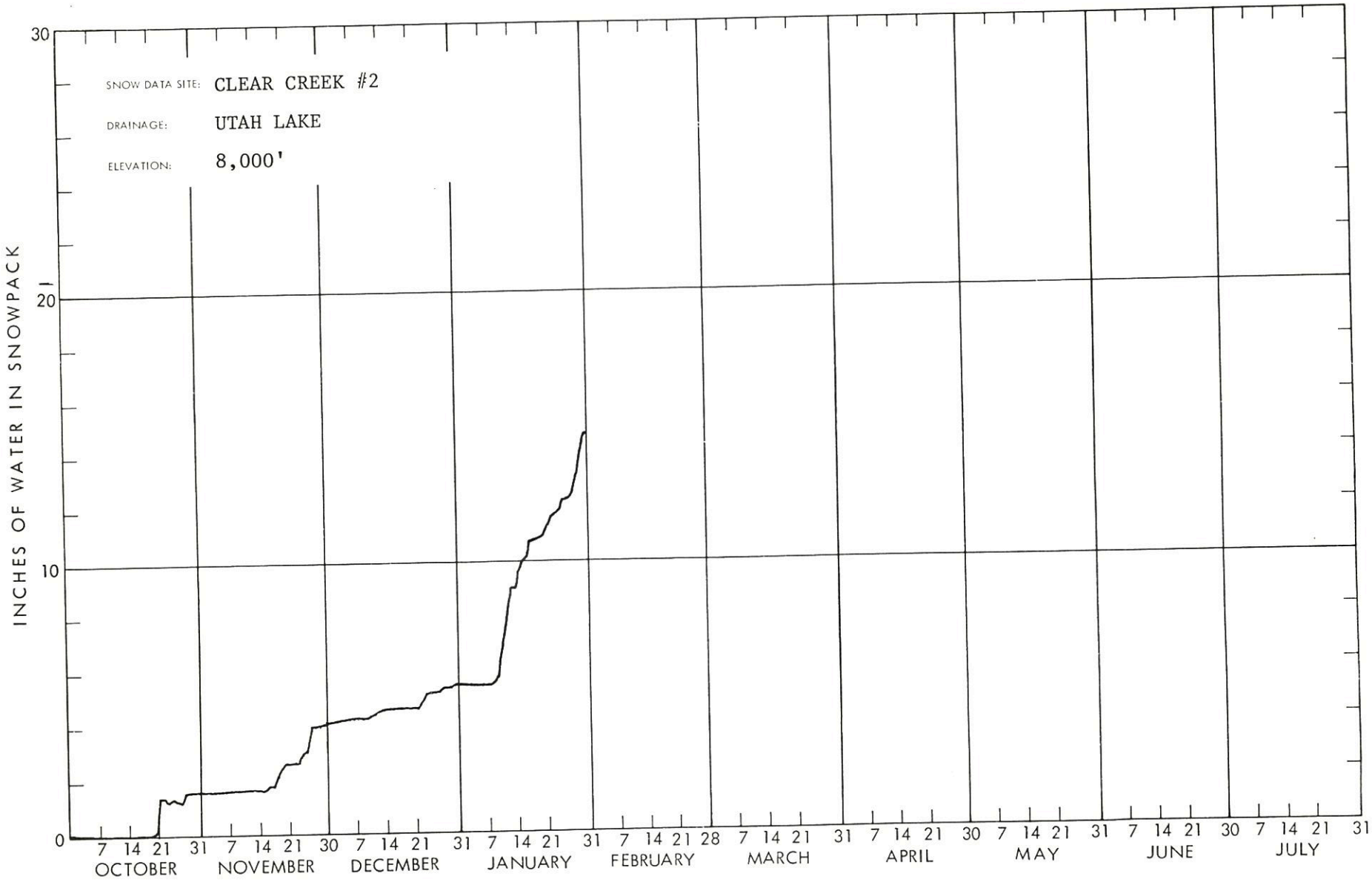
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DRAINAGE: UTAH LAKE
ELEVATION: 8,000'
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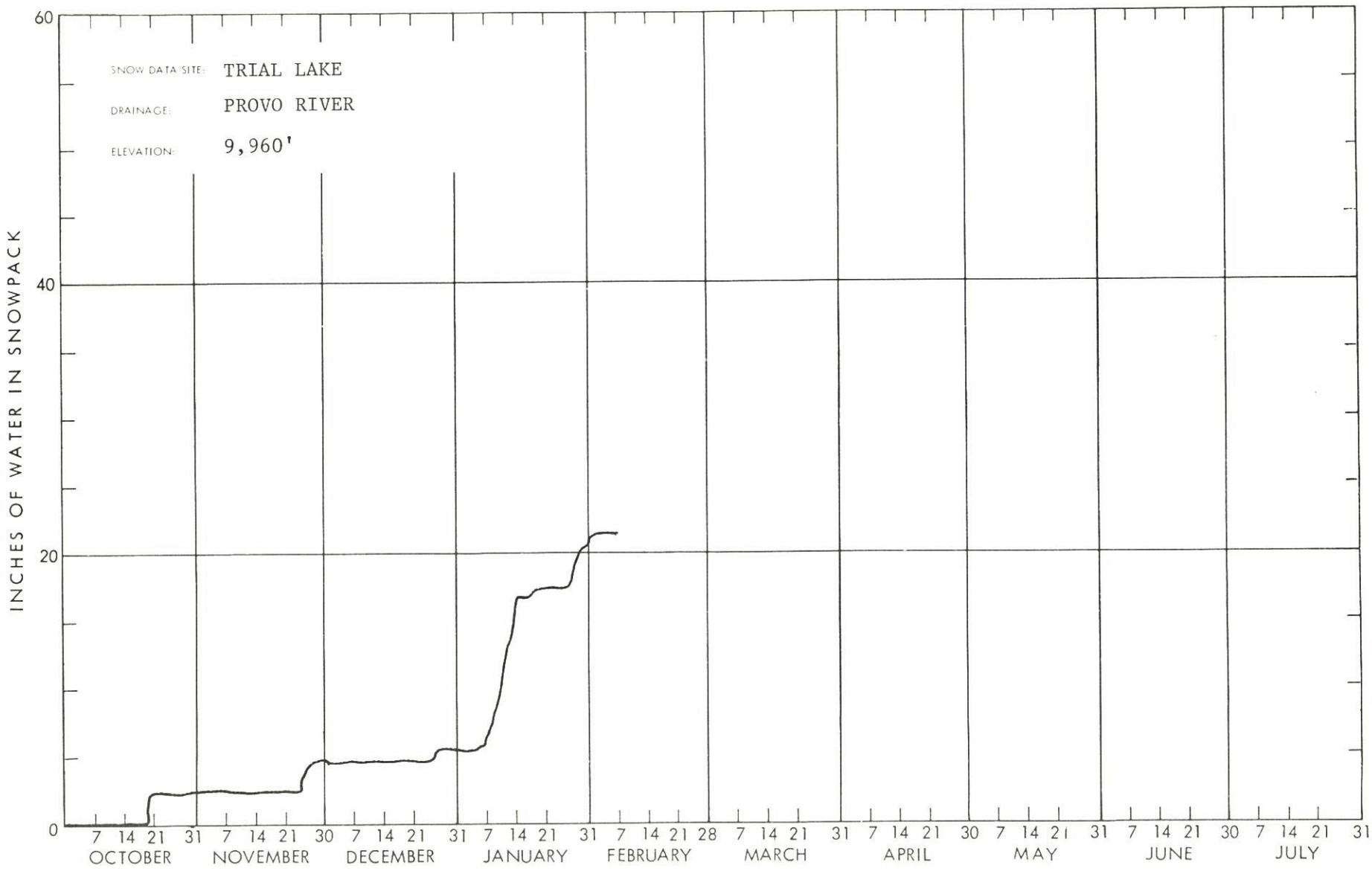
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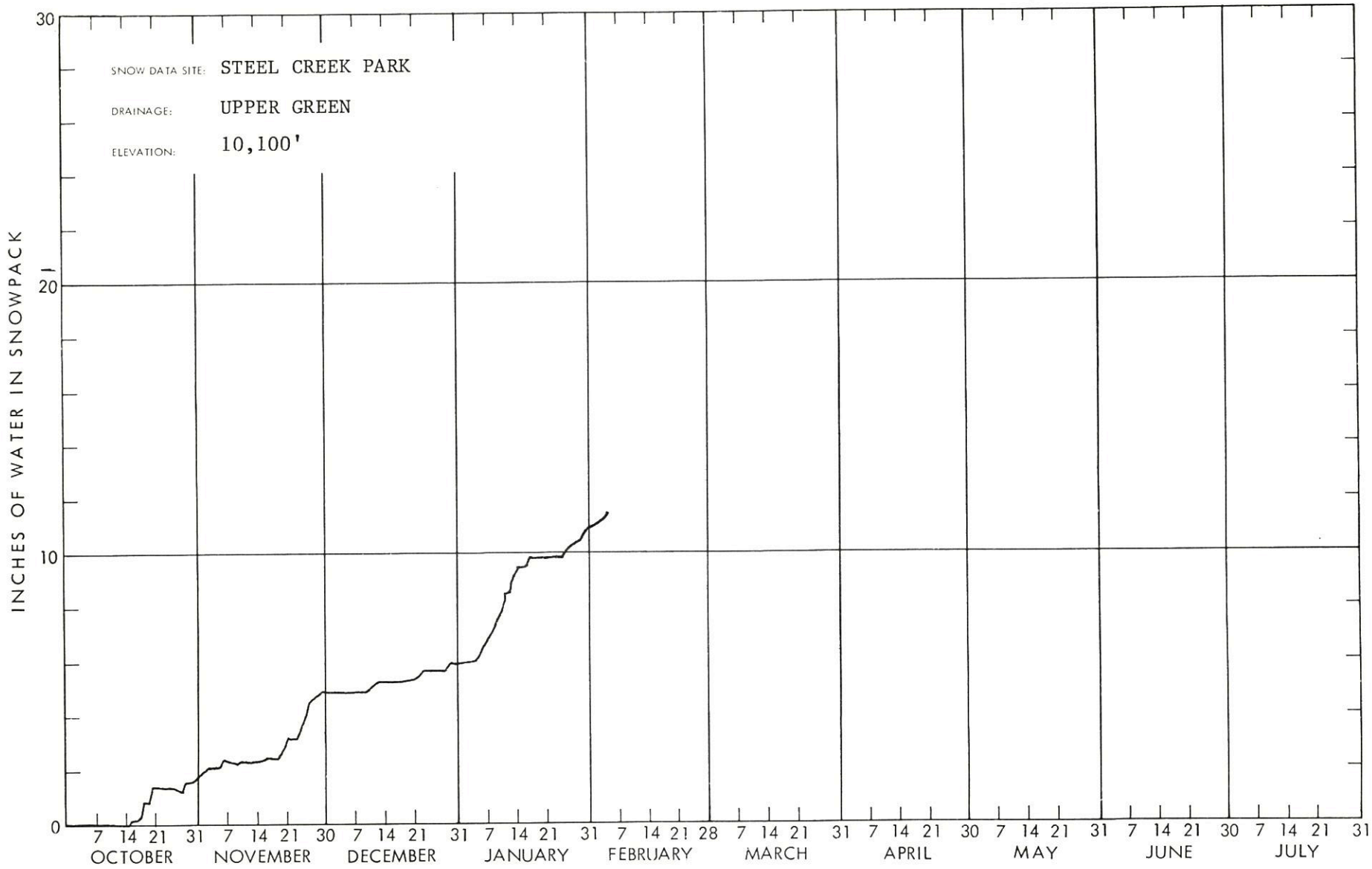
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DRAINAGE: UPPER GREEN
ELEVATION: 10,100'
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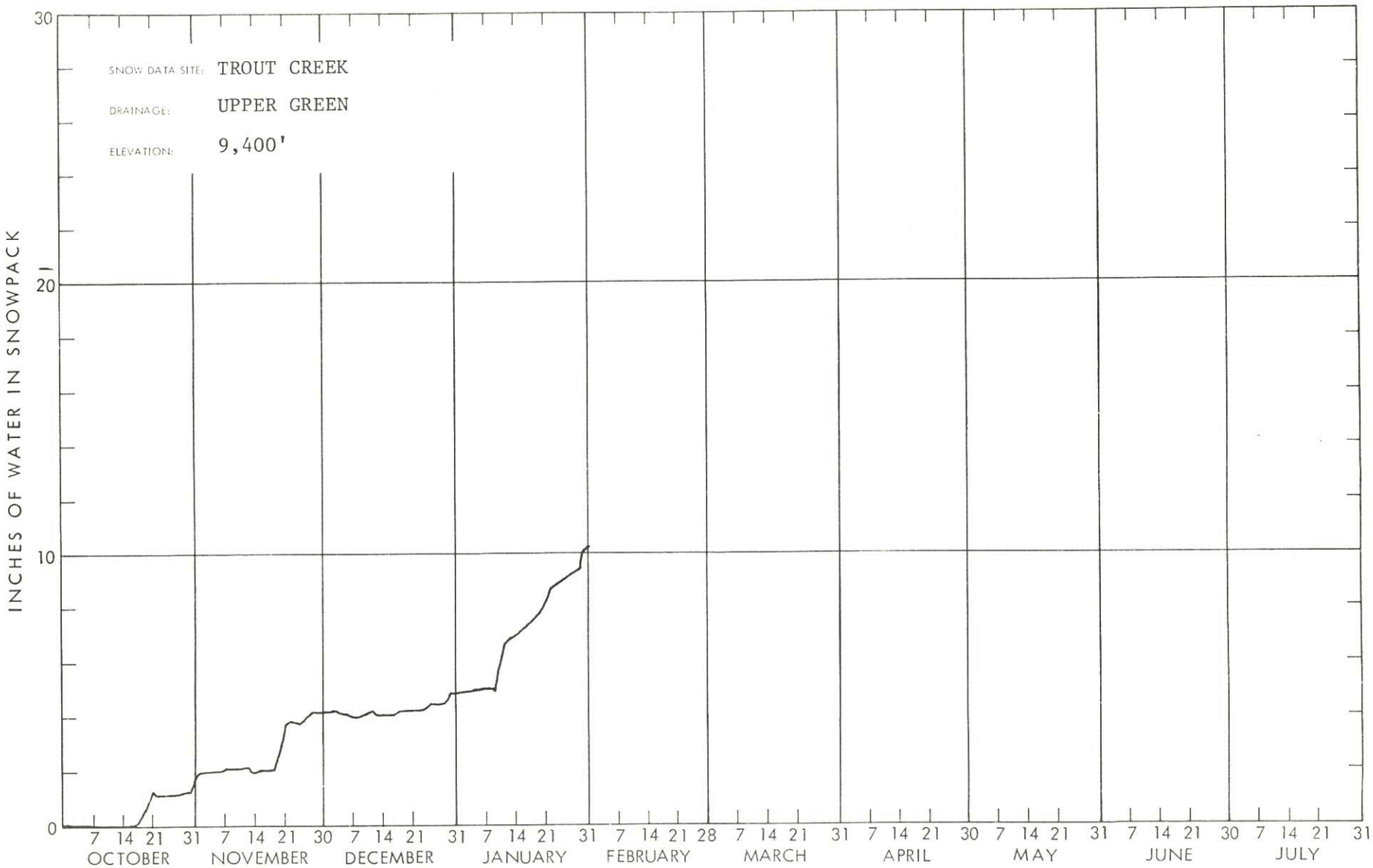
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DRAINAGE: UPPER GREEN
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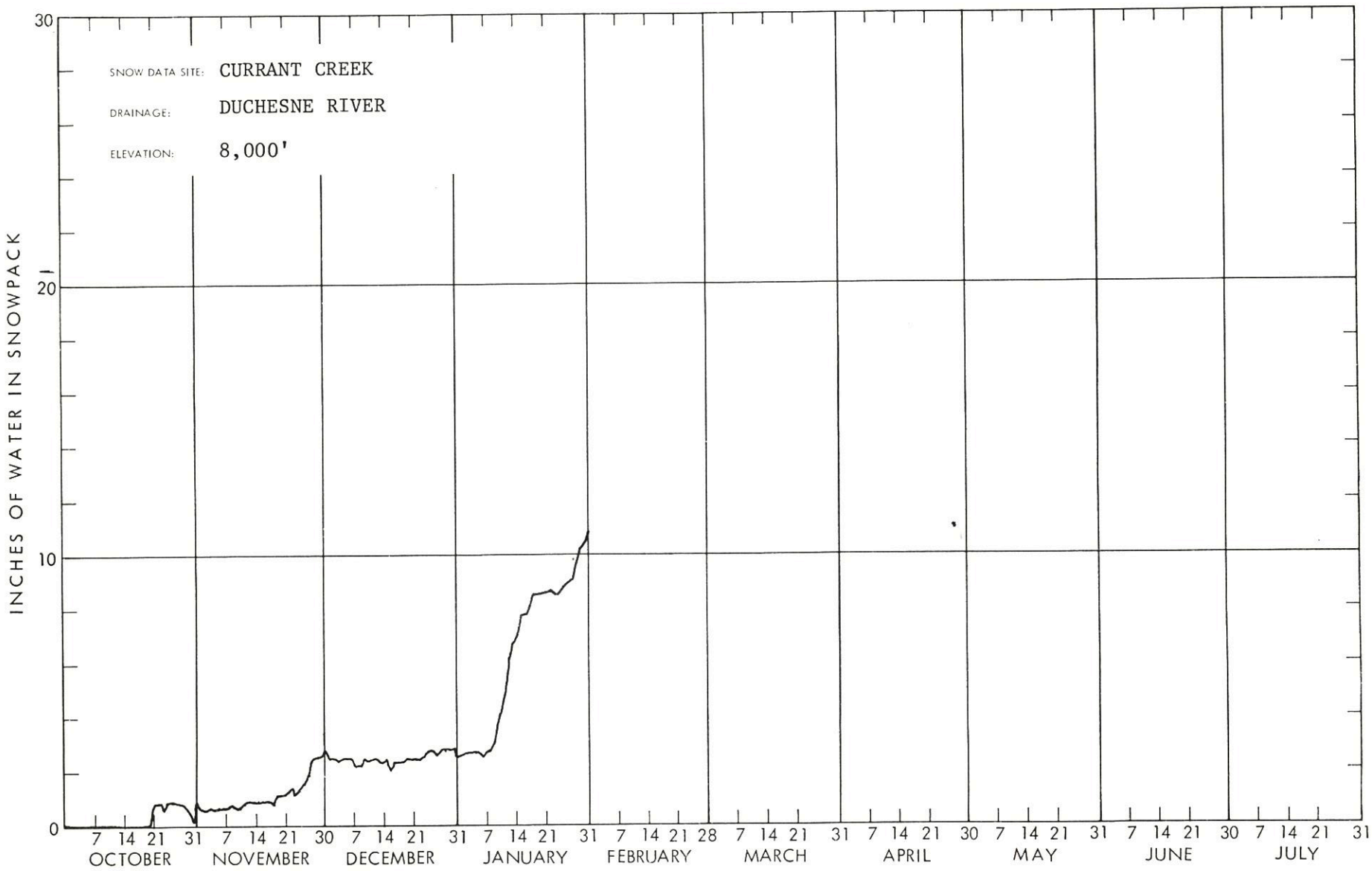
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DRAINAGE: DUCHESNE RIVER
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INCHES OF WATER IN SNOWPACK
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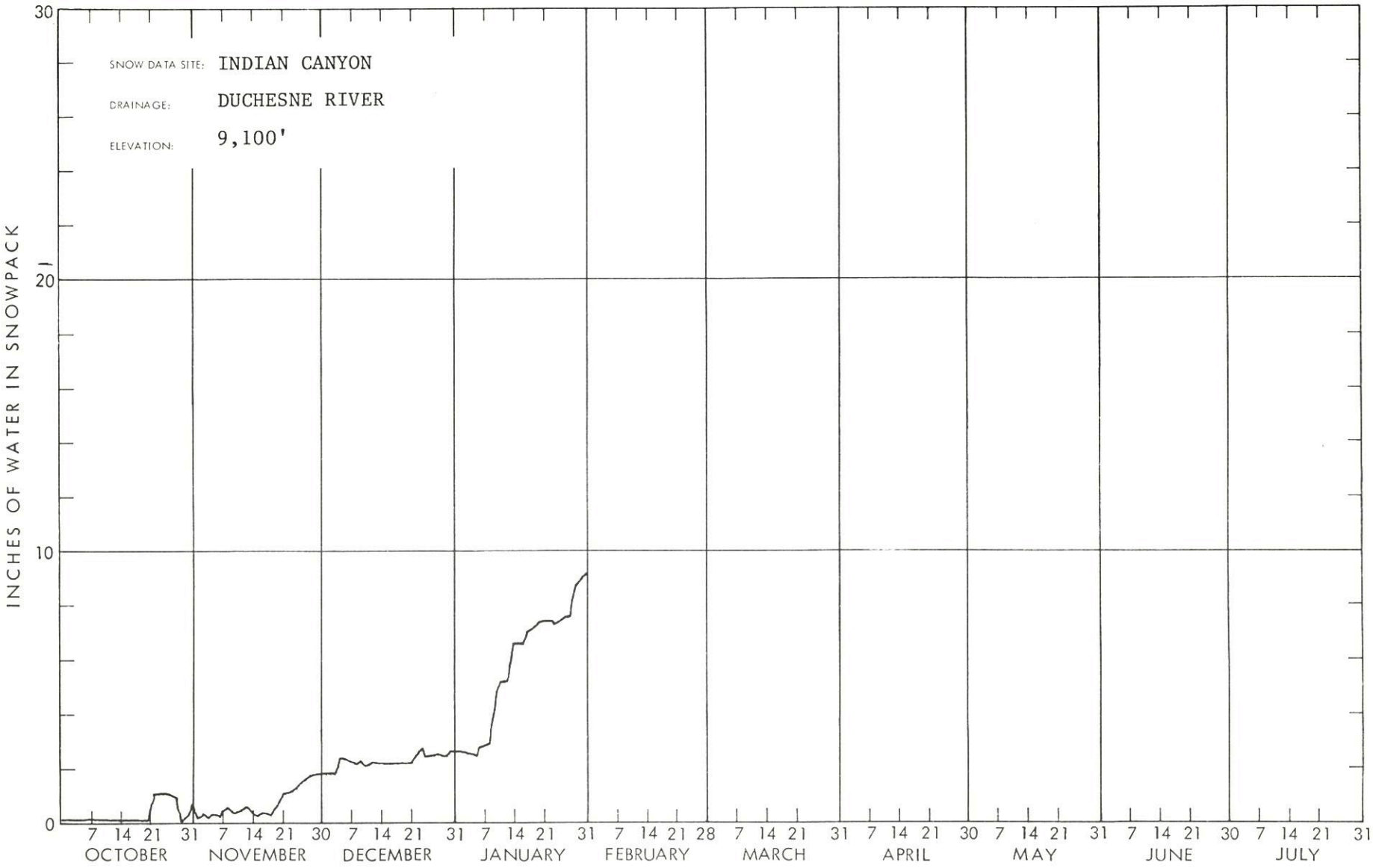
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DRAINAGE: DUCHESNE RIVER
ELEVATION: 9,100'
INCHES OF WATER IN SNOWPACK
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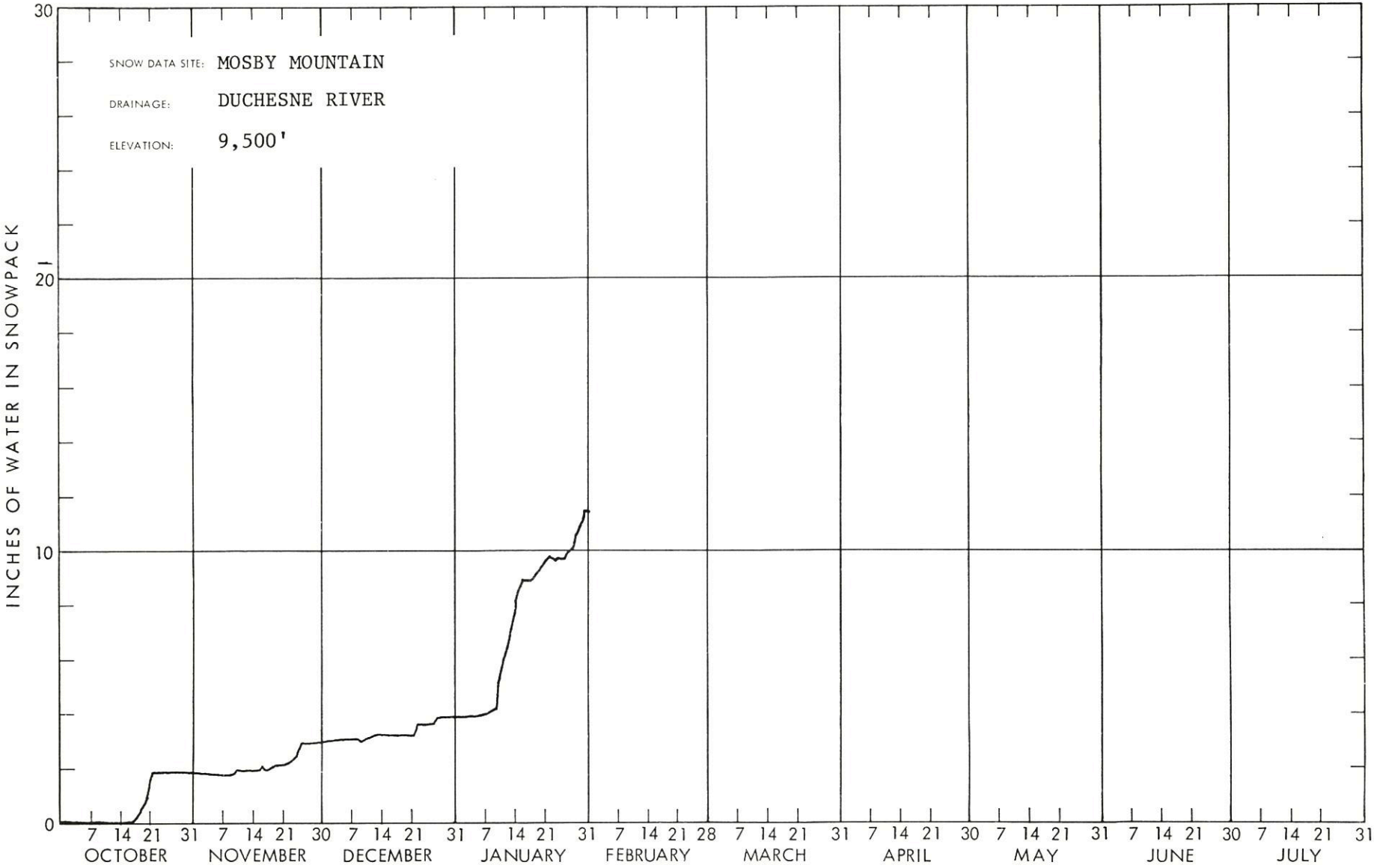
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DRAINAGE: DUCHESNE RIVER
ELEVATION: 9,500'
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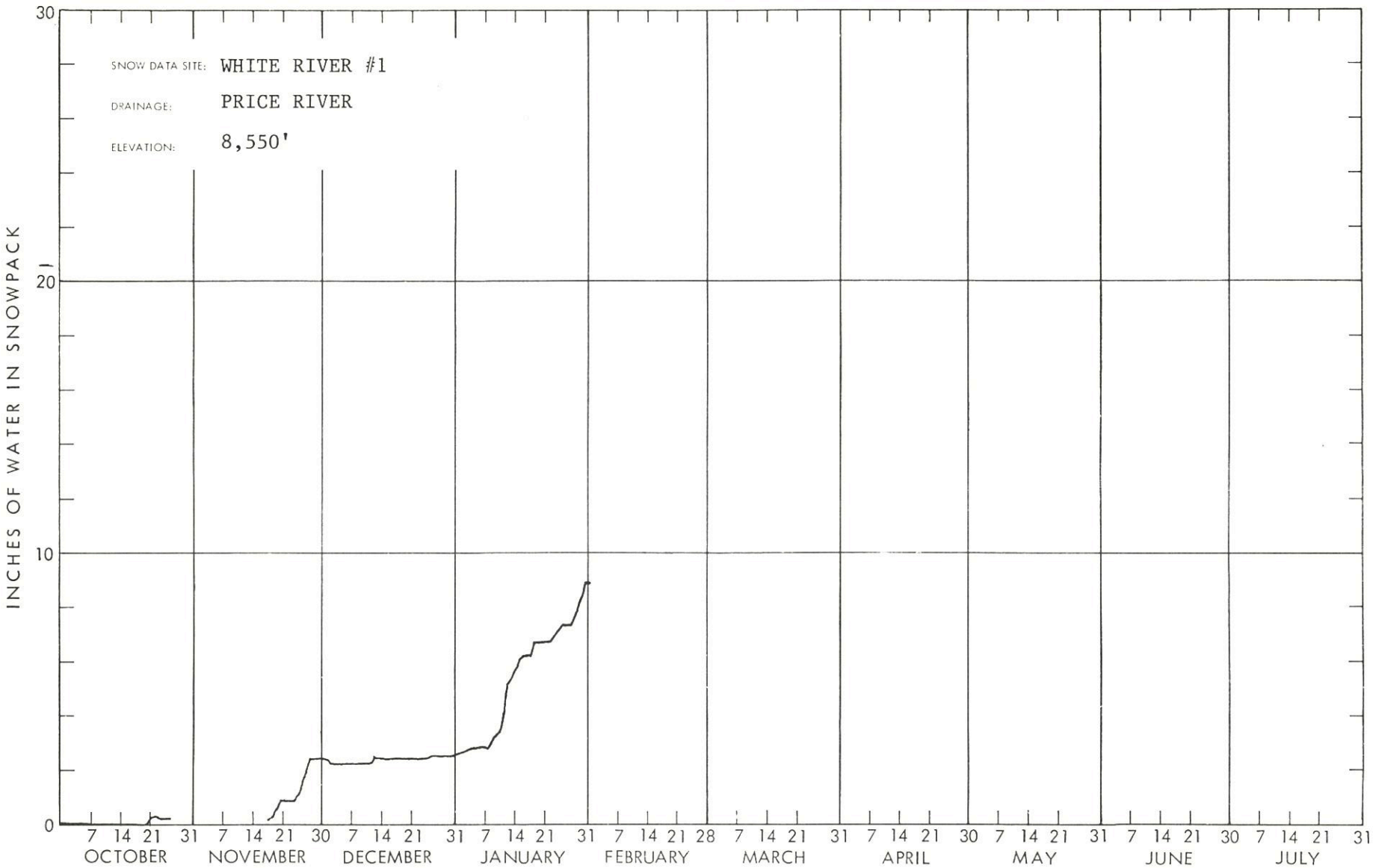
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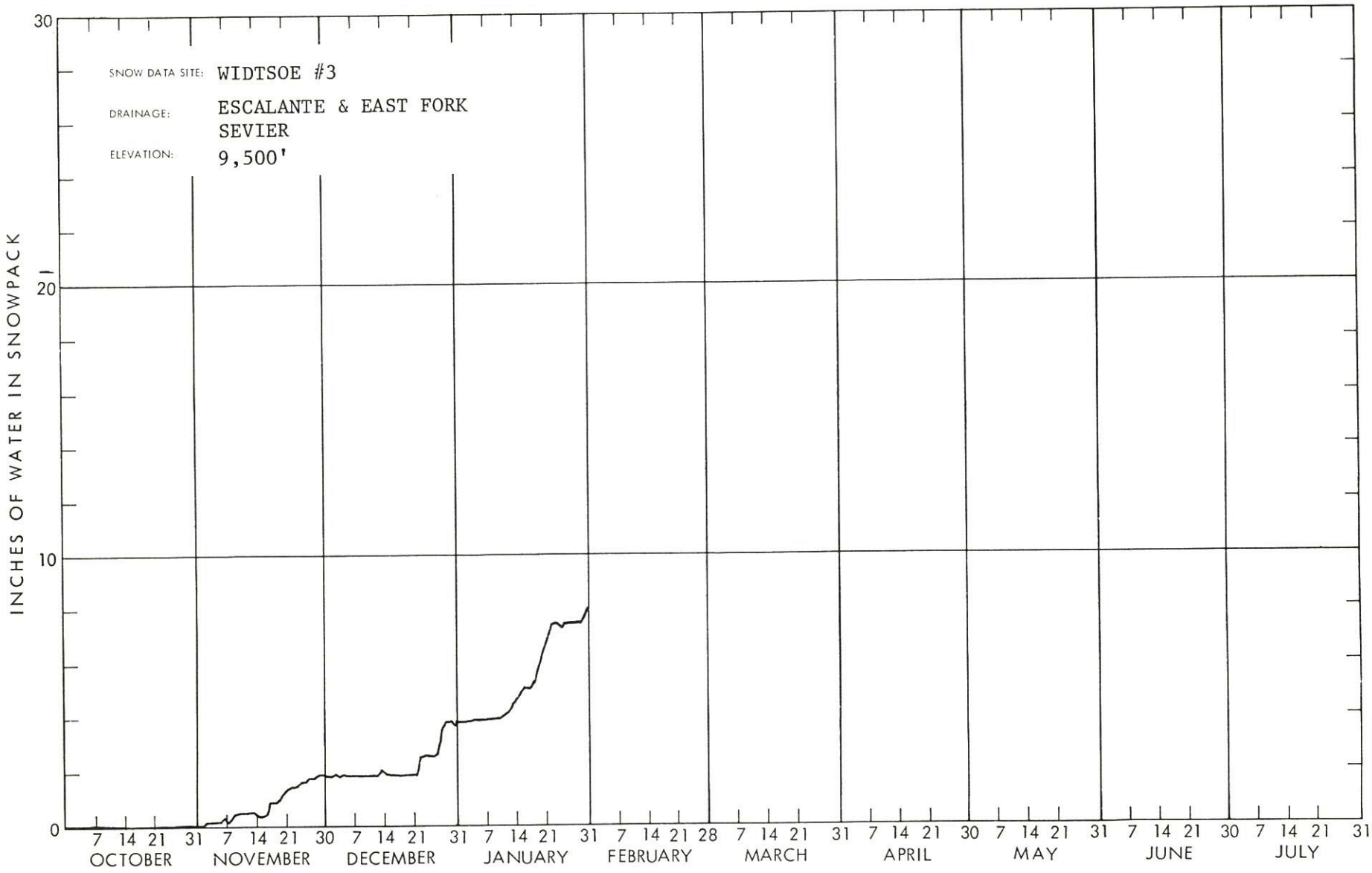
JUNE
JULY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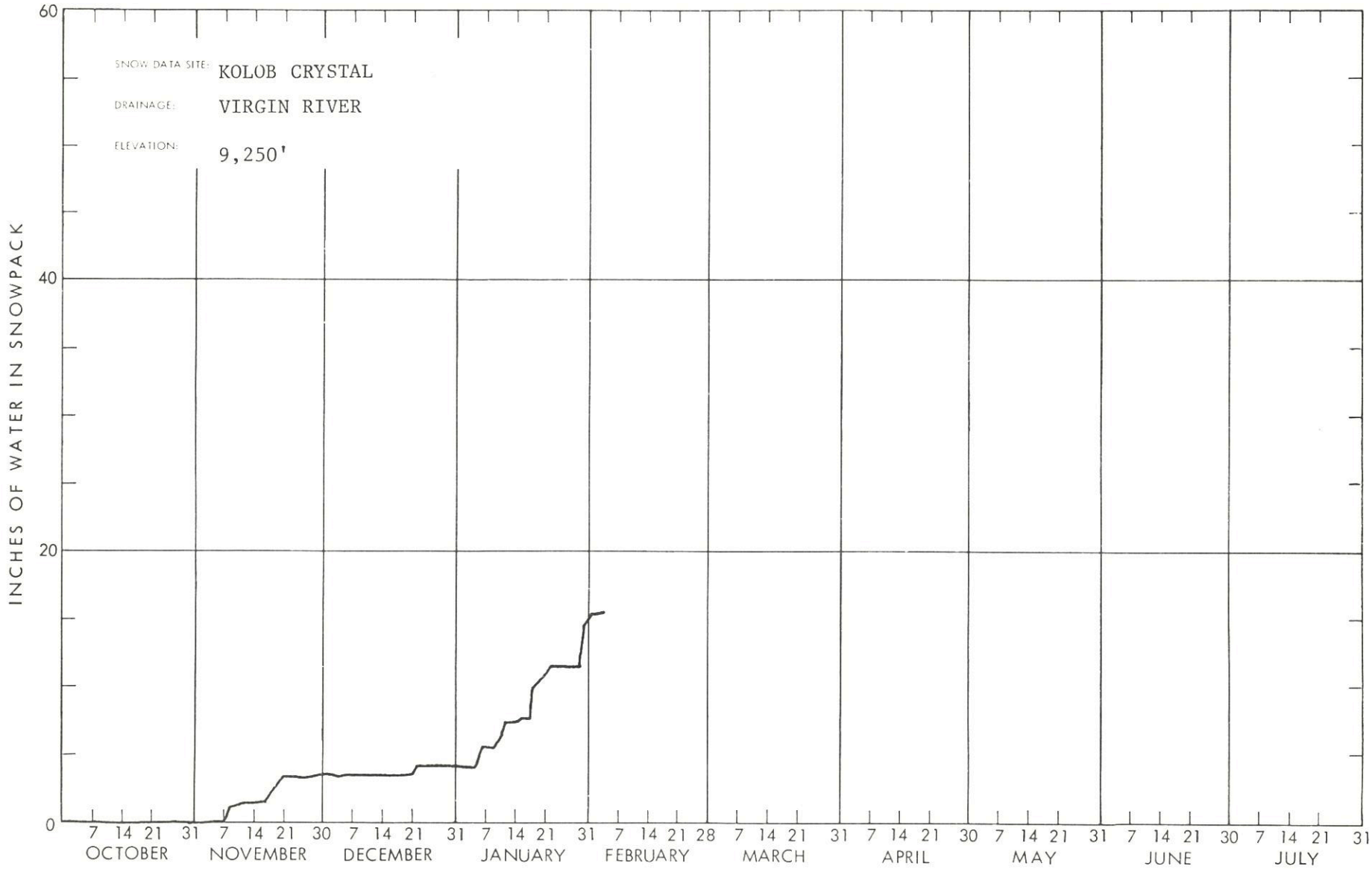
DRAINAGE: ESCALANTE & EAST FORK SEVIER
ELEVATION: 9,500'
INCHES OF WATER IN SNOWPACK
30
20
10
0
7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 31 7 14 21 28 7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 30 7 14 21 31
OCTOBER
NOVEMBER
DECEMBER
JANUARY
FEBRUARY
MARCH
APRIL
MAY
JUNE
JULY


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

SNOW	THIS YEAR			PAST RECORD		PRECIPITATION (Inches)					
				Water Content (inches)		CURRENT INFORMATION			FROM APPROX. OCT. 1 TO DATE		
DRAINAGE BASIN and/or SNOW COURSE NAME	Date of Survey	Snow Depth (inches)	Water Content (inches)	Last Year	Average +	Date of Reading	Month's Precipitation	Average +	This Year	Average +	Percent of Average
GREAT BASIN											
UPPER BEAR RIVER (Above Harer, Idaho)											
Burts-Miller Ranch	1/31	31	5.9	4.5	--	1/31	4.16	--	8.70	--	--
CCC Camp	1/30	37	8.2	9.6	8.6						
Hayden Fork	1/31	50	13.3	9.2	9.6b	1/31	8.41	--	16.29	--	--
Monte Cristo R.S.	2/3	61	19.8	16.9	16.3	2/3	11.03	6.10b	19.70	17.12	115
Salt River Summit	1/30	46	10.2	12.2	11.0	1/30	6.93	4.18	12.12	11.35	107
Stillwater Camp	1/31	45	9.8	7.8	7.2	1/31	6.41	--	12.01	--	--
Lily Lake	Not Measured										
LOWER BEAR RIVER (Below Harer, Idaho)											
Bug Lake	2/3	49	14.4	16.2	13.1b	2/1	8.60	--	--	--	--
Cub River R.S.	2/3	22	6.2	8.6	6.4						
Emigrant Summit	1/30	65	16.6	17.8	17.0						
Franklin Basin	2/3	50	18.1	18.1	17.8a						
Garden City Summit	2/3	42	12.8	15.5	11.6	2/3	9.63	4.27	12.80a	12.33	
Klondike Narrows	2/3	45	16.3	15.5	13.0	2/3	9.31	--	17.18	--	--
Little Bear (lower)	2/3	24	7.7	10.6	6.2						
Little Bear (upper)	2/3	28	8.2	12.5	8.7b						
Slug Creek Divide	1/30	47	13.2	11.0	11.5	2/3	9.50	--	--	--	--
Steep Hollow #1	2/3	69	25.2	24.5	23.3						
Steep Hollow #2	2/3	55	19.3	18.3	17.1						
Tony Grove Lake	2/3	74	26.0	26.6	21.5b	2/1	7.40	--	--	--	--
Tony Grove R.S.	2/3	30	9.4	12.4	8.6	2/3	9.14	--	15.69	--	--
Willow Flat	2/3	36	11.6	14.8	10.9	2/3	9.68	5.00b	16.82	15.14	111
OGDEN RIVER											
Beaver Creek-Skunk Creek	2/2	34	10.8	10.8	8.3						
Ben Lomond Peak	2/3	74	27.3	28.1	22.4b						
Ben Lomond Trail	2/3	43	13.8	17.4	12.4b	2/3	16.78	7.56b	27.53	20.51b	134
Causey Dam	--	--	--	--	--	2/2	7.08	2.56b	13.11	9.49	138
Dry Bread Pond	2/2	45	15.9	13.5	12.2	2/1	8.50	--	--	--	--
Sagebrush Flat	2/2	23	6.0	5.8	4.1	2/2	8.11	--	14.40	9.49	152
WEBER RIVER											
Beaver Creek R.S.	2/1	35	8.6	5.8	5.9						
Chalk Creek #1	2/1	71	18.7	12.6	13.6a	2/1	5.50	--	--	--	--
Chalk Creek #2	2/1	50	12.0	8.2	9.7	2/1	5.80	--	--	--	--
Chalk Creek #3	2/1	36	7.5	5.6	5.4	2/1	5.20	--	11.20	9.44b	119
Farmington Canyon (lower)	2/2	50	14.1	18.6	14.0b	2/2	8.50	5.22b	16.35	18.36	89
Farmington Canyon (upper)	2/2	57	18.6	21.9	19.5b	2/1	6.90	--	--	--	--
Farmington G.S.	--	--	--	--	--	2/2	9.42	--	16.87	--	--
Horse Ridge	2/2	56	17.1	18.5	15.0a	2/2	11.05	--	19.46	--	--
Kilfoil Creek	2/2	48	13.6	13.1	--						
Lost Creek Reservoir	--	--	--	6.9	--	2/2	6.25	--	10.88	--	--
Park City Summit	--	--	--	17.3	--						
Parley's Canyon Summit	2/1	45	11.6	11.9	12.7	2/1	7.12	4.31	14.36	14.80	97
Redden Mine (lower)	2/1	54	14.8	--	--	2/1	6.51	--	12.53	--	--
Smith & Morehouse	2/1	39	10.6	8.5	8.9	2/1	7.25	3.55	13.44	11.90	113
PROVO RIVER & UTAH LAKE											
Beaver Creek Divide	2/1	50	12.0	--	8.9b	2/1	8.50	--	--	--	--
Camp Altamont	2/1	43	14.4	16.5	10.2						
Clear Creek Ridge #1	2/2	56	17.3	14.2	11.2b	2/1	8.60	--	--	--	--
Clear Creek Ridge #2	2/2	48	12.9	12.5	9.6b	2/2	7.40	--	13.97	10.87b	129
Clear Creek Ridge #3	2/2	29	7.4	--	5.5						
Dutchman R.S.	2/1	55	17.6	16.0	12.9	2/1	14.85	--	17.60b	--	--
Hobble Creek Summit	2/2	42	10.9	--	9.6	2/2	8.55	--	14.47	--	--
Payson R.S.	2/2	51	15.2	12.2	12.2	2/2	6.52	3.30	14.46	12.04	--
Soapstone R.S.	2/1	48	10.8	9.5	8.6	2/1	8.48	3.39	13.88	11.16	124
South Fork R.S.	2/1	20	4.3	8.8	4.5						
Timpanogos Cave Camp	2/1	9	1.8	4.0	2.3						
Timpanogos Divide	1/31	72	23.2	21.7	16.9	1/31	17.95	4.97	23.95	17.43	137
Trial Lake	2/1	87	20.4	16.8	15.6	2/1	12.93	4.71	20.65	16.20	127

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

SNOW	THIS YEAR			PAST RECORD		PRECIPITATION (Inches)					
				Water Content (inches)		CURRENT INFORMATION			FROM APPROX. OCT 1 TO DATE		
DRAINAGE BASIN and/or SNOW COURSE NAME	Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Last Year	Average +	Date of Reading	Month's Precipitation	Average +	This Year	Average +	Percent of Average
JORDAN RIVER & GREAT SALT LAKE											
Bevan's Cabin											
Lamb's Canyon #2	1/31	43	10.4	10.2	11.1	1/31	6.77	--	12.95	--	--
Middle Canyon	1/31	31	7.7	9.6	9.2	1/31	3.90	2.71b	9.67	9.74	99
Mill Creek	2/1	40	10.7	10.9	--						
Mill D South Fork	1/28	34	10.5	12.2	13.2						
Mt. Dell Dam	Not Measured							2.16		9.37	
Rock Basin-Settlement Canyon	Not Measured										
Silver Lake (Brighton)	1/28	61	17.0	15.6	15.8	1/28	--	5.36	--	18.07	--
Snow Bird (Gad Valley)	2/2	77	23.6	23.8	23.6						
Vernon Creek	1/30	36	8.0	11.2	7.5b	1/30	9.20	--	12.50a	--	--
UPPER SEVIER RIVER (South of Richfield, Utah)											
Box Creek	1/31	45	10.8	14.2	7.8	1/31	5.92	--	10.94	--	--
Bryce Canyon	1/28	18	3.7	9.9	3.0						
Castle Valley	1/31	41	10.3	15.4	--	1/31	5.66	--	10.22	--	--
Duck Creek R.S	2/3	56	14.5	19.8	8.0	2/3	11.71	2.87	15.99	10.90	147
Farview	1/28	30	7.9	13.7	5.5						
Harris Flat	2/3	34	9.3	14.0	5.3	2/1	7.30	--	--	--	--
Kimberly Mine	1/31	55	14.1	15.4	9.5b	1/31	7.06	3.13b	13.28	11.20	119
Midway Valley	2/3	65	18.2	24.0	12.7	2/3	10.13	--	14.98	--	--
Panguitch Lake	1/31	15	4.0	9.8	--	1/31	2.84	--	5.55	--	--
Rainbow Point	1/28	29	7.6	16.0	4.6						
Squaw Springs	1/31	32	7.6	9.0	--						
LOWER SEVIER RIVER (Including San Pitch River)											
Beaver Dams	2/1	30	7.8	12.2	9.3b	2/1	3.99	--	9.72	--	--
Farnsworth Lake	2/3	49	14.1	13.3	11.8	2/3	5.19	3.09	15.03	11.64	129
G.B.R.C. Headquarters	2/2	41	11.5	12.2	9.8	2/2	4.66	2.98	13.81	11.52	120
G.B.R.C. Majors	Not Measured							1.42		5.65	
G.B.R.C. Meadows	2/2	54	16.6	15.0	13.5	2/2	6.64	3.84	15.98	13.98	114
G.B.R.C. Oaks	Not Measured							2.02		7.82	
Gooseberry R.S.	2/3	32	9.1	8.4	7.4	2/3	2.90	2.45b	10.11	7.49b	134
Mammoth-Cottonwood Creek	2/1	51	16.2	16.4	13.2	2/1	5.10	--	--	--	--
Middle Fork	Not Measured										
Mt. Baldy R.S.	2/1	61	16.4	21.4	--	2/1	6.16	--	13.76	--	--
Oak Creek	Not Measured			11.5	--						
Pickle Keg Springs	2/1	46	12.3	13.8	10.5	2/1	5.00	--	--	--	--
Pine Creek	1/31	46	12.5	11.6	10.6	1/31	4.84	--	13.27	--	--
Ree's Flat	2/2	37	10.1	8.7	--	2/2	4.93	--	10.99	--	--
Shingle Mill	Not Measured			6.6	5.7			2.10b		10.25	
Thistle Flat	Not Measured										
BEAVER RIVER											
Beaver Canyon Power House	Not Measured							1.23		5.45	
Beaver Race Track	1/31	2	0.5	1.2	0.7						
Big Flat	1/31	57	13.8	18.2	10.0	1/31	7.71	--	12.16	9.93	122
Merchant's Valley (upper)	1/31	41	9.8	11.2	7.5b	1/31	6.14	--	10.18	9.18b	111
Otter Lake	1/31	42	10.4	14.6	7.5						
PAROWAN CREEK											
Birch Crossing	1/31	31	9.0	9.3	4.3b						
Brian Head	1/31	59	15.5	21.2	12.4b						
Tall Poles	1/31	47	12.2	14.7	8.5b	1/31	5.15	2.20b	11.85	9.48b	125
Yankee Reservoir	1/31	29	7.6	10.6	--	1/31	3.42	--	9.46	--	--
ENTERPRISE TO NEW HARMONY DRAINAGES											
Little Grassy Creek	2/3	22	7.3	13.5	--	2/3	6.11	--	8.72	--	--
Long Flat	2/3	22	5.7	13.6	4.7	2/3	6.30	--	10.17	--	--
COAL CREEK											
Cedar City Golf Course	1/31	3	0.5	1.6							
SUSC Ranch	1/31	29	7.3	14.0	5.8b						

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

+ 1958-1972 period

SNOW	THIS YEAR			PAST RECORD		PRECIPITATION (Inches)					
				Water Content (inches)		CURRENT INFORMATION			FROM APPROX. OCT. 1 TO DATE		
DRAINAGE BASIN and/or SNOW COURSE NAME	Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Last Year	Average +	Date of Reading	Month's Precipitation	Average +	This Year	Average +	Percent of Average
COLORADO RIVER DRAINAGE											
UPPER GREEN RIVER - UTAH											
Ashley-Twin Lakes (A)	Not Measured										
Black's Fork G.S.-East Fork	1/31	31	7.5	6.4	--	1/31	4.28	--	9.58	--	--
Black's Fork Junction	1/31	42	9.6	6.9	--	1/31	4.87	--	10.87	--	--
Buck Pasture (A)	Not Measured										
Burnt Creek	1/31	28	5.7	5.0	--	1/31	2.20	1.60b	8.90	6.09b	146
Dutch John Junction	Not Measured										
Grizzly Ridge	1/31	47	11.5	9.1	--	1/31	5.57	2.44b	12.45	8.75b	142
Hewinta G.S.	1/31	38	9.1	6.3	--	1/31	5.02	--	11.40	--	--
Hickerson Park	1/31	33	7.5	5.0	--						
King's Cabin (upper)	1/31	50	10.3	7.8	--						
Reynolds Park (A)	Not Measured										
Spirit Lake	1/31	41	10.0	9.8	--	1/31	3.94	--	11.05	--	--
Steel Creek Park	1/31	54	13.0	9.0	--	2/1	5.70	--	--	--	--
Trout Creek	1/31	44	9.5	9.1	--	1/31	5.17	--	11.27	--	--
Windy Park (A)	Not Measured										
DUCHESNE RIVER											
Atwood Lake (A)											
Brown Duck Ridge	2/1	69	16.5	--	9.5	2/1	13.55	--	18.55	--	--
Chepeta-Whiterocks (A)	Not Measured										
Currant Creek	2/2	45	11.8	--	7.3b	2/2	9.28	--	13.45	--	--
Daniels-Strawberry Summit	2/2	48	14.1	10.6	10.0	2/2	11.57	3.59	17.86	12.03	148
East Portal	1/30	41	9.0	11.5	7.4			3.34		11.14	
Five Points Lake (A)	Not Measured										
Indian Canyon	2/2	42	11.1	14.1	8.0	2/2	7.78	2.41	11.13	8.69	128
Jackson Park	--	--	--	10.5	--	2/1	9.55	--	13.50	--	--
Lakefork Basin (A)	Not Measured										
Lakefork Mountain	2/1	46	10.4	10.2	6.8	2/1	8.40	--	12.20	8.68	139
Lakefork Mountain #3	2/1	40	9.4	--	--						
Lightning Lake (A)	Not Measured										
Mosby Mountain	2/1	44	10.5	7.5	6.3	2/1	7.95	2.28b	12.10	8.87	136
Paradise Park	2/1	49	12.5	12.6	8.3	2/1	5.80	2.39b	9.85	9.36	105
Rock Creek Ranch	2/1	36	9.5	6.9	--	2/1	7.85	--	10.82	--	--
Strawberry Divide	1/30	55	15.6	16.4	12.4	2/1	10.00	--	--	--	--
PRICE RIVER											
Dry Valley Divide Alternate	2/1	42	9.9	9.9	7.2						
Mud Creek	2/1	48	11.8	11.8	8.8	2/1	6.78	2.70	12.20	9.20	133
White River #1	2/2	44	11.6	13.9	8.6	2/2	6.69	--	10.99	--	--
White River #3	2/2	32	8.2	8.1	--						
SAN RAFAEL RIVER											
Buck Flat	2/1	51	12.8	14.4	10.2	2/1	7.15	--	13.30	11.29b	118
Huntington-Horseshoe	2/1	53	16.1	17.6	14.8b						
Orange Olsen	2/1	30	5.9	4.5	--	2/1	4.50	--	7.10	5.22b	136
Red Pine Ridge	2/1	49	12.0	11.4	10.7	2/1	6.98	--	12.58	12.77	99
Seeley Creek R.S.	2/2	37	11.4	12.5	9.3b						
Stuart R.S.	2/1	37	8.1	8.0	--	2/1	5.44	--	8.44	--	--
Upper Joe's Valley	2/1	40	8.5	7.8	6.6						
Wrigley Creek	2/1	43	10.6	--	6.4						
MUDDY RIVER											
Black's Fork	2/1	44	10.6	--	7.7b						
Dill's Camp	2/1	44	10.5	9.6	7.0b	2/1	5.30b	--	10.4b	--	--
FREMONT RIVER											
Black's Flat-U.M. Creek	2/3	37	9.4	10.4	6.9	2/3	4.89	--	9.75	--	--
Fish Lake	2/3	27	5.7	9.0	5.2	2/3	4.40	1.33b	7.44	6.35	117
Johnson Valley	2/3	27	6.0	8.8	4.3						

USDA-SCS-PORTLAND, OR 1977 M7 0-220270

SNOW

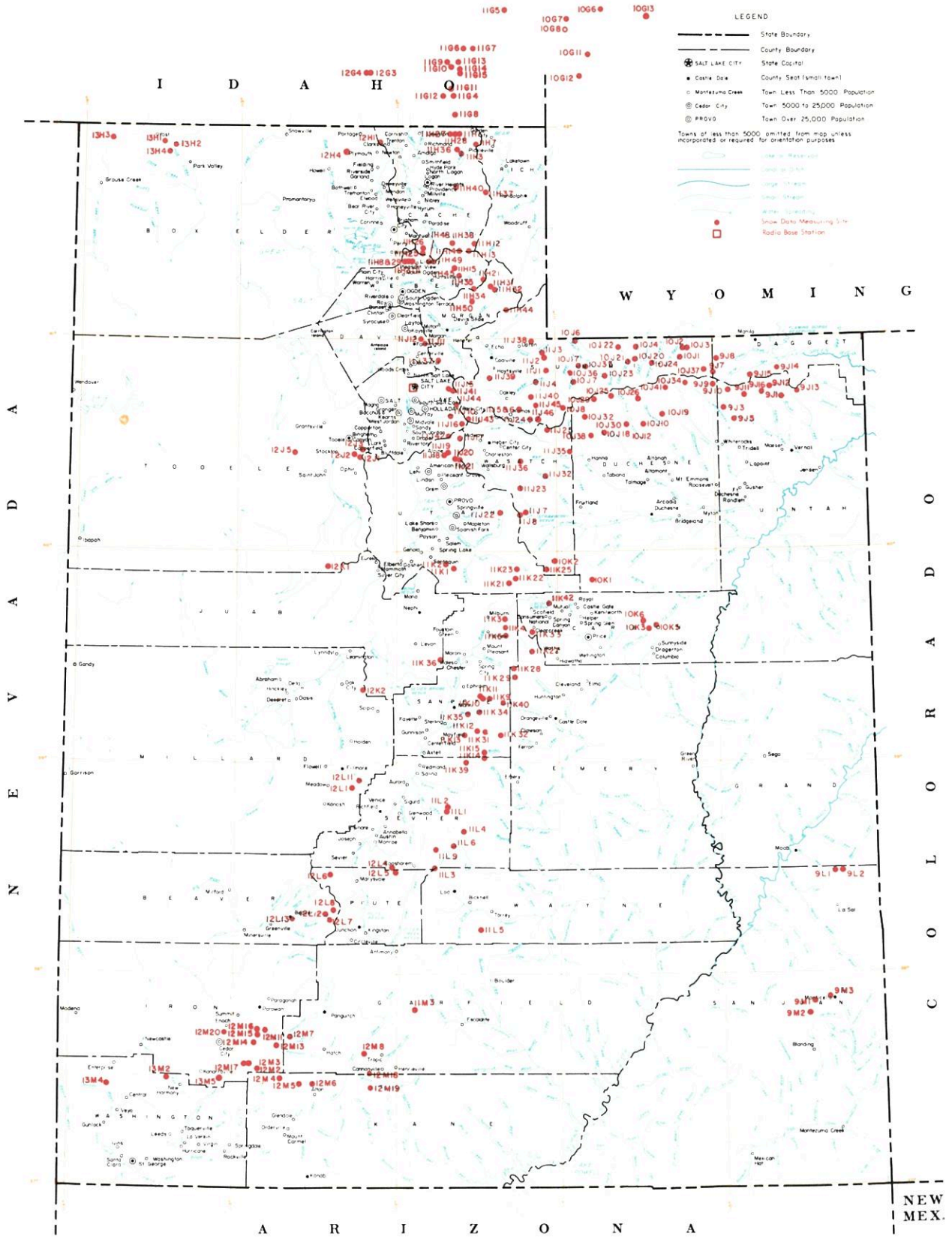
DRAINAGE BASIN and/or SNOW COURSE NAME	THIS YEAR Date of Survey	THIS YEAR Snow Depth (Inches)	THIS YEAR Water Content (Inches)	PAST RECORD Water Content (Inches) Last Year	PAST RECORD Water Content (Inches) Average +
SOUTHEASTERN UTAH DRAINAGES					
Buckboard Flat	1/28	48	12.7	21.1	7.1e
Camp Jackson	1/28	46	12.6	19.3	7.3e
LaSal Mountain (lower)	1/30	33	8.1	9.0	5.4e
LaSal Mountain (upper)	1/30	47	12.2	15.6	8.6e
Monticello City Park	1/31	22	5.9	8.8	--
ESCALANTE RIVER					
Widtsoe-Escalante #3	2/3	36	9.4	14.6	6.4
VIRGIN RIVER					
Kolob-Crystal	2/3	69	18.5	28.8	13.3b
Long Valley Junction	2/3	32	8.5	15.8	3.2
Webster Flat	2/3	57	16.1	21.0	10.2

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
SOUTHEASTERN UTAH DRAINAGES						
Buckboard Flat						
Camp Jackson						
LaSal Mountain (lower)						
LaSal Mountain (upper)	1/30	4.80	--	11.00	--	--
Monticello City Park						
ESCALANTE RIVER						
Widtsoe-Escalante #3	2/3	5.22	1.58	10.15	7.59	134
VIRGIN RIVER						
Kolob-Crystal	2/1	12.40				
Long Valley Junction						
Webster Flat	2/3	11.70	3.48	17.49	11.62	151

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

+ 1958-1972 period



SNOW COURSES AND RELATED DATA MEASURING SITES

UTAH

1980

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 1979 M7-01-42047

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
		PROVO RIVER & UTAH LAKE (continued)				
11J25P	U	Soapstone R.S.	9	3S	8E	7,800
11J19	U	South Fork R.S.	24	4S	2E	6,100
11J18	U	Timpanogos Cave Camp	27	4S	2E	5,500
11J21PST	U	Timpanogos Divide	33	4S	3E	8,140
10J8PST	U	Trial Lake	5	2S	9E	9,960
		JORDAN RIVER & GREAT SALT LAKE				
12J2	U	Bevan's Cabin	24	4S	4W	6,450
12J5P	U	Deseret Peak	15	4S	7W	9,250
11J41P	U	Lamb's Canyon #2	21	1S	3E	7,500
12J3P	U	Middle Canyon	8	4S	3W	7,000
11J44	U	Mill Creek	25	1S	2E	6,950
11J10	U	Mill D South Fork	18	2S	3E	7,400
12J1P	U	Rocky Basin-Settlement Canyon	30	4S	3W	8,900
11J16P	U	Silver Lake (Brighton)	35	2S	3E	8,725
11J42	U	Snow Bird (Gad Valley)	18	3S	3E	9,700
12K1PST	U	Vernon Creek	21	10S	5W	7,500
		UPPER SEVIER RIVER (South of Richfield, Utah)				
12L4PST	U	Box Creek	33	26S	2W	9,300
12M8	U	Bryce Canyon	36	36S	4W	8,000
12M13PST	U	Castle Valley	23	36S	8W	9,580
12M4P	U	Duck Creek R.S.	11	38S	8W	8,700
12M18	U	Farview	32	37S	4W	8,200
12M5PST	U	Harris Flat	24	38S	7W	7,700
11L9p	U	High-Top Mountain	36	25S	1E	11,400
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
10J1BP	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	Snotel Data Site

Water Supply Outlook For Utah

SOIL CONSERVATION SERVICE
U.S. DEPARTMENT OF AGRICULTURE

Cooperating with

UTAH STATE DEPARTMENT of NATURAL RESOURCES

AS OF
MAR. 1, 1980

USDA SCS PORTLAND, OR 1979

WATER SUPPLY OUTLOOK FOR UTAH

and

FEDERAL - STATE - PRIVATE COOPERATIVE SNOW SURVEYS

Issued by

NORMAN A. BERG

ADMINISTRATOR
SOIL CONSERVATION SERVICE
WASHINGTON, D.C.

Released by

GEORGE D. McMILLAN

STATE CONSERVATIONIST
SOIL CONSERVATION SERVICE
SALT LAKE CITY, UTAH

In Cooperation with

UTAH STATE DEPT. OF NATURAL RESOURCES

DEE C. HANSEN
State Engineer
Division of Water Rights

DANIEL F. LAWRENCE
Director
Division of Water Resources

Report prepared by

BOB L. WHALEY, Snow Survey Supervisor
DAVID A. JOHNCOX, Hydrologic Technician
and
JOAN E. OLSEN, Clerk

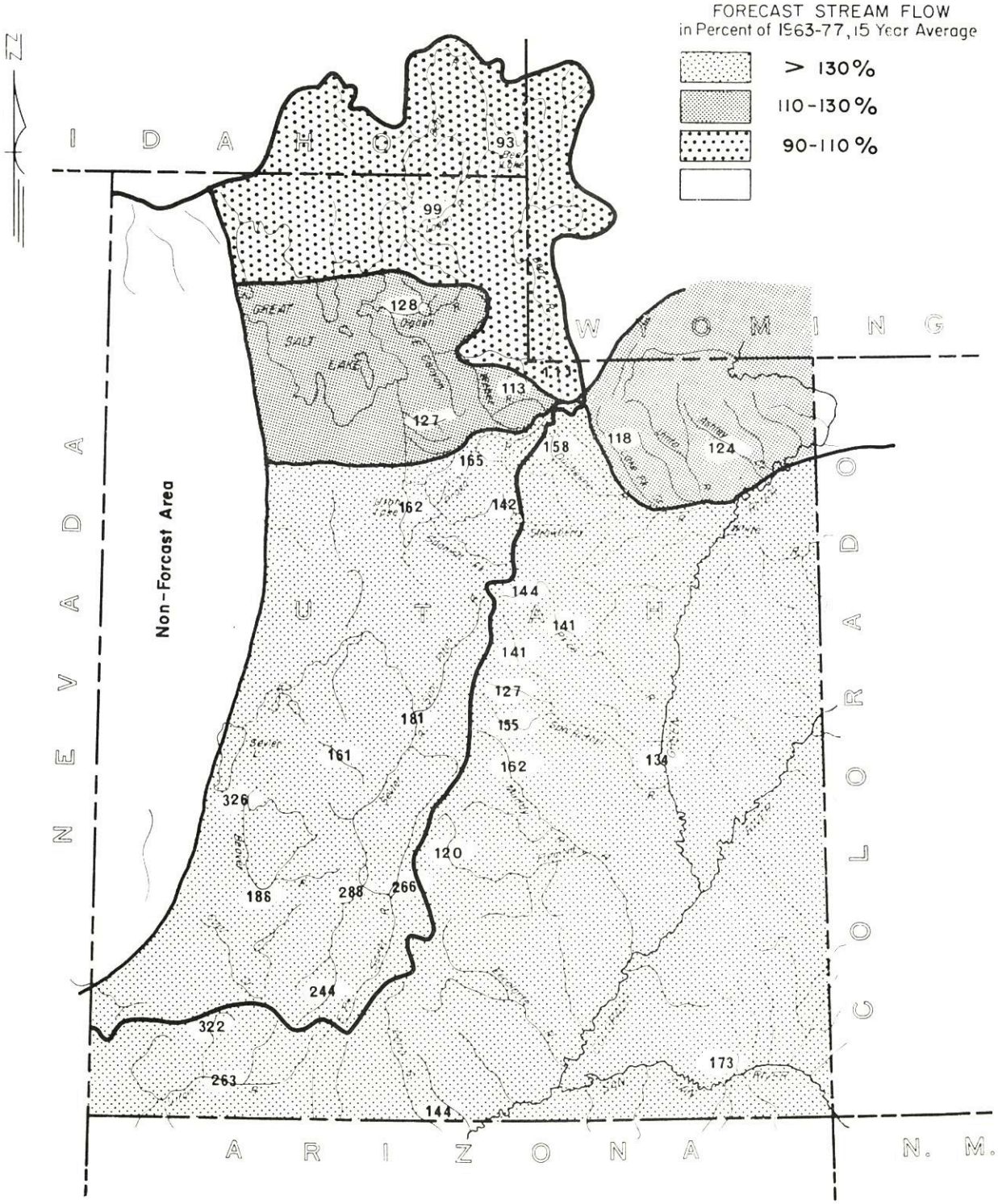
SOIL CONSERVATION SERVICE
SNOW SURVEY SECTION
4420 FEDERAL BUILDING
SALT LAKE CITY, UTAH 84138

PROSPECTIVE WATER SUPPLIES

Based on Snow Surveys Made on UTAH and BEAR RIVER WATERSHEDS

March 1, 1980

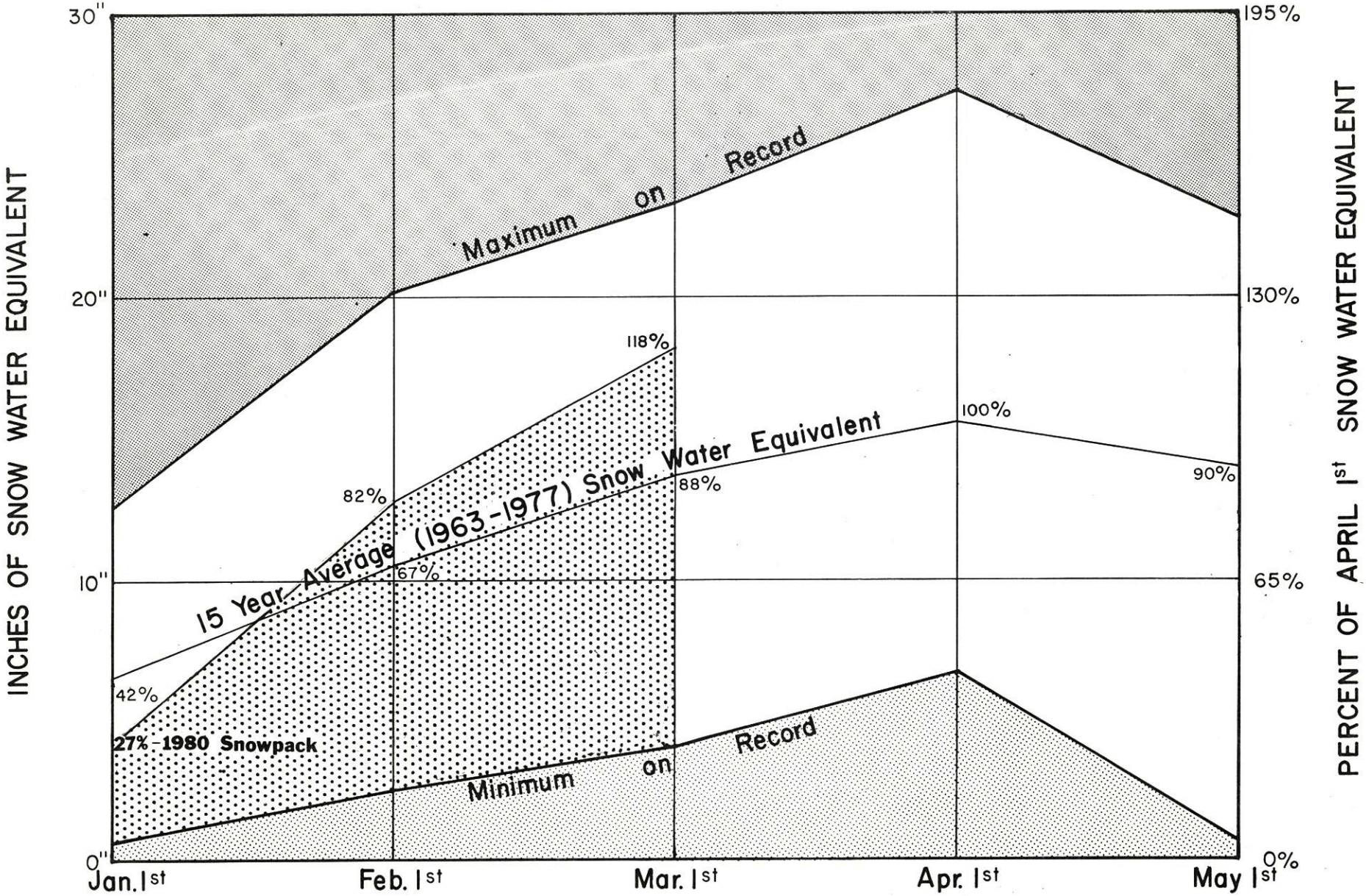
Approximate Date



7-0-16150-L

UTAH'S WINTER SNOWPACK

Data based on 51 selected snow courses



198 SNOWPACK

WATER SUPPLY OUTLOOK

as of
March 1, 1980

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* * * * * * * * * * * * * * * * * * * * * * * * * * *
* Utah's 1980 water supply outlook ranges from       *
* near average in the north to much above average    *
* in the south.  Snow cover ranges from near average *
* in the north to better than twice average in the   *
* south.  Reservoir storage is near average state-   *
* wide and  streamflow forecasts range from near     *
* average in the north to two and three times average *
* in the south.                                      *
*                                                    *
* * * * * * * * * * * * * * * * * * * * * * * * * * *
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SNOW COVER

Snow cover improved again this month in all areas except Bear River. Bear River snow cover is 109% of the March 1 average.

Southern Utah snow cover is very heavy again this year with Blue Mountains above Monticello 224% of average, Virgin River 192%, Coal Creek 198%, Upper Sevier 177%, and the Enterprise area 221% of average.

Uintah Basin snow cover improved again this month and now varies from 159% on Strawberry River to 181% on both Ashley and Lakefork Creeks.

Ogden River snow pack is now 140% of average, Weber River 132%, and Provo-Utah Lake 146% of average.

Price River snow cover is 141% of average, San Rafael River 146%, Muddy 164%, and Fremont 143% of average. LaSal Mountains are 168% of the March 1 average snow cover.

PRECIPITATION

Precipitation at mountain stations during February ranged from 92% of average at Garden City Summit on the Bear River to 414% at Duck Creek R.S. on the Upper Sevier.

SOIL MOISTURE

February rains in most of Utah's lower elevations primed soils in the valleys but watershed soils under the higher snow pack is still mostly below average.

RESERVOIR STORAGE

Reservoir storage in 25 of Utah's key irrigation reservoirs now totals 103% on the March 1 average and 6% better than a year ago. Uintah Basin

WATER SUPPLY OUTLOOK (continued)

reservoirs, Moon Lake and Steinaker are below average but should improve as the spring snow melt runoff progresses.

STREAMFLOW FORECASTS

Streamflow forecasts for the spring runoff season range from 88% of average for Woodruff Creek on Bear River to 326% of average for Minersville Reservoir Inflow on the Lower Beaver River. Forecasts generally range from near average in the northern part of the state to two to three times average in southern Utah.

Bear River is forecast 111% at Stateline, 112% at Woodruff, 105% at Randolph, and 95% at Harer, Idaho. Logan River is forecast 99%, Blacksmith Fork 102%, and Little Bear 105%.

Ogden River is forecast 114% on the South Fork and 128% for Pineview Inflow.

Weber River forecasts range from 108% for Chalk Creek to 129% for Lost Creek. The forecast at Oakley is 113% of the April-June average and Rockport Inflow is 121%. East Canyon Creek is forecast 123%.

Streams into Utah Lake and Jordan River are forecast as follows: Provo 165% at Deer Creek Dam, Utah Lake 162%, Spanish Fork 174%, American Fork 167% and streams along the Salt Lake Front range from 114% for Little Cottonwood to 139% for City Creek.

Price River is forecast 144% at Scofield, and 141% at Heiner. Huntington Creek is forecast 141%, Cottonwood 127%, Ferron 155%, Muddy 162% and Seven Mile Creek 120%. Mill Creek is forecast 196% near Moab.

Sevier River forecasts range from 297% at Circleville to 181% at Gunnison. Sevier at Hatch is forecast 244%, Kingston 288% and the East Fork 266%.

Beaver River is forecast 188% at Beaver and 326% for Minersville Inflow.

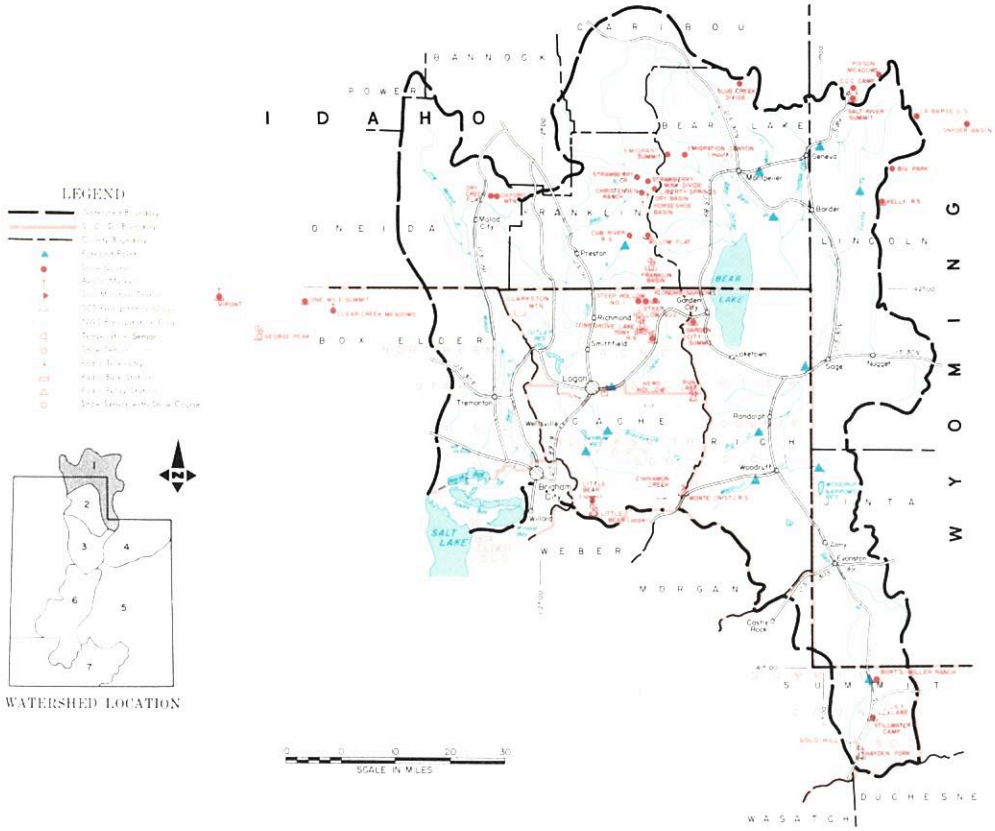
Virgin River is forecast 263% at Hurricane and the Santa Clara 322% near Pine Valley. Coal Creek is forecast 156% of average.

Uintah Basin streams are forecast 124% for Ashley Creek, 107% for Whiterocks, 125% for Uintah River, 118% for Lakefork, 154% for Rock Creek, 151% for Duchesne at Tabiona, 186% for Strawberry River and 145% for Current Creek. Strawberry Reservoir Inflow is forecast 142% of the April-July average.

Higher than average peak flows are expected in southern Utah. Precautions should be taken to safeguard property close to stream channels in this area.

WATER SUPPLY OUTLOOK
BEAR RIVER BASIN in UTAH

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



March 1, 1980

THE WATER SUPPLY OUTLOOK IS NEAR AVERAGE

SNOW COVER did not improve as much as expected and now varies from 108% on the Lower Bear to 112% on the Upper Bear.

PRECIPITATION at mountain stations ranged from 92% of average at Garden City Summit to 145% at Willow Flat.

SOIL MOISTURE is drier than average under the snow pack but near to above average in the valley.

RESERVOIR STORAGE is slightly below average but should be adequate by the end of spring runoff.

STREAMFLOW FORECASTS range from 88% of the April-July average on Woodruff Creek to 112% for the Bear near Woodruff. Bear at Stateline is 111% and 95% at Harer, Idaho. Logan River is forecast 99%. Most water users are expected to have adequate water this season and peak flows should not be a problem.

USDA-SCS-PORTLAND, OR. 1978 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	PAST RECORD THOUSAND ACRE FEET Average †
BEAR RIVER					
Bear nr UT-Wyo. State Line	127	111	Apr-July	90	114
Bear nr Woodruff	166	112	Apr-July	68	148
Woodruff Crk nr Woodruff, UT	16.1	88	Apr-July	16.4	18.4b
Big Creek nr Randolph, Utah	4.0	95	Apr-July	--	5.0b
Bear nr Randolph	126	105	Apr-July	40	120
Thomas Fork nr UT-Wy State Ln	37	106	Apr-Sept	--	35
Smith's Fork nr Border, Wyo.	123	102	Apr-Sept	--	120
Bear at Harer, Idaho 1/	314	95	Apr-Sept	--	332
Logan nr Logan 1	117	99	Apr-July	92	118
Blacksmith Fork nr Hyrum	55	102	Apr-July	40	54
Little Bear nr Paradise	40	105	Apr-June	27	38
Cub River nr Preston, ID	50	100	Apr-Sept	--	50

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

SUMMARY of SNOW MEASUREMENTS (COMPARISON WITH PREVIOUS YEARS)

RIVER BASIN and or SUB-WATERSHED	Number of Courses Averaged	THIS YEAR AS A PERCENT OF Last Year	THIS YEAR AS A PERCENT OF Average
BEAR RIVER	18	96	109
UPPER BEAR RIVER	4	104	112
LOWER BEAR RIVER	14	95	108
LOGAN RIVER	7	108	108
UPPER RAFT RIVER	5	105	96

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	1007.9	1025.1	1030.6
	Woodruff Narrows	26.5		17.6	20.5
LITTLE BEAR	Hyrum	15.3	10.3	10.2	10.9
	Porcupine	11.3	2.8	4.3	3.6

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

PEAK FLOWS

FORECAST POINT	PEAK FLOW (SECOND FEET) Forecast Range	PEAK FLOW (SECOND FEET) Average †
Bear River nr UT/WY Stateline	1600-2200	1600
Big Creek nr Randolph	50-80	44
Logan River nr Logan	800-1200	1016
Woodruff Creek nr Woodruff	200-300	267
Little Bear nr Paradise	430-700	517

SNOW

DRAINAGE BASIN and/or SNOW COURSE NAME	THIS YEAR Date of Survey	THIS YEAR Snow Depth (Inches)	THIS YEAR Water Content (Inches)	PAST RECORD Water Content (Inches) Last Year	PAST RECORD Water Content (Inches) Average †
Burts-Miller Ranch	2/27	29	8.6	5.4	--
Cub River R.S.	2/26	25	8.7	11.5	8.4
Emigrant Summit	2/27	72	22.8	23.3	21.7
Franklin Basin	2/26	68	23.3	22.8	22.7
Hayden Fork	2/26	61	18.0	14.0	12.7a
Klondike Narrows	2/26	62	19.6	18.5	17.3

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 †
Little Bear Lower	2/25	29	8.5	12.6	9.2
Little Bear Upper	2/25	39	10.6	15.1	10.9
Monte Cristo	2/25	73	24.9	22.7e	22.0
Salt River Summit	2/28	42	13.8	15.4	14.4
Stillwater Camp	2/27	51	13.7	9.9	--
Tony Grove R.S.	2/25	38	10.9	14.9	10.9

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WATER SUPPLY OUTLOOK

WEBER-OGDEN WATERSHEDS in UTAH

UNITED STATES DEPARTMENT OF AGRICULTURE-SOIL CONSERVATION SERVICE
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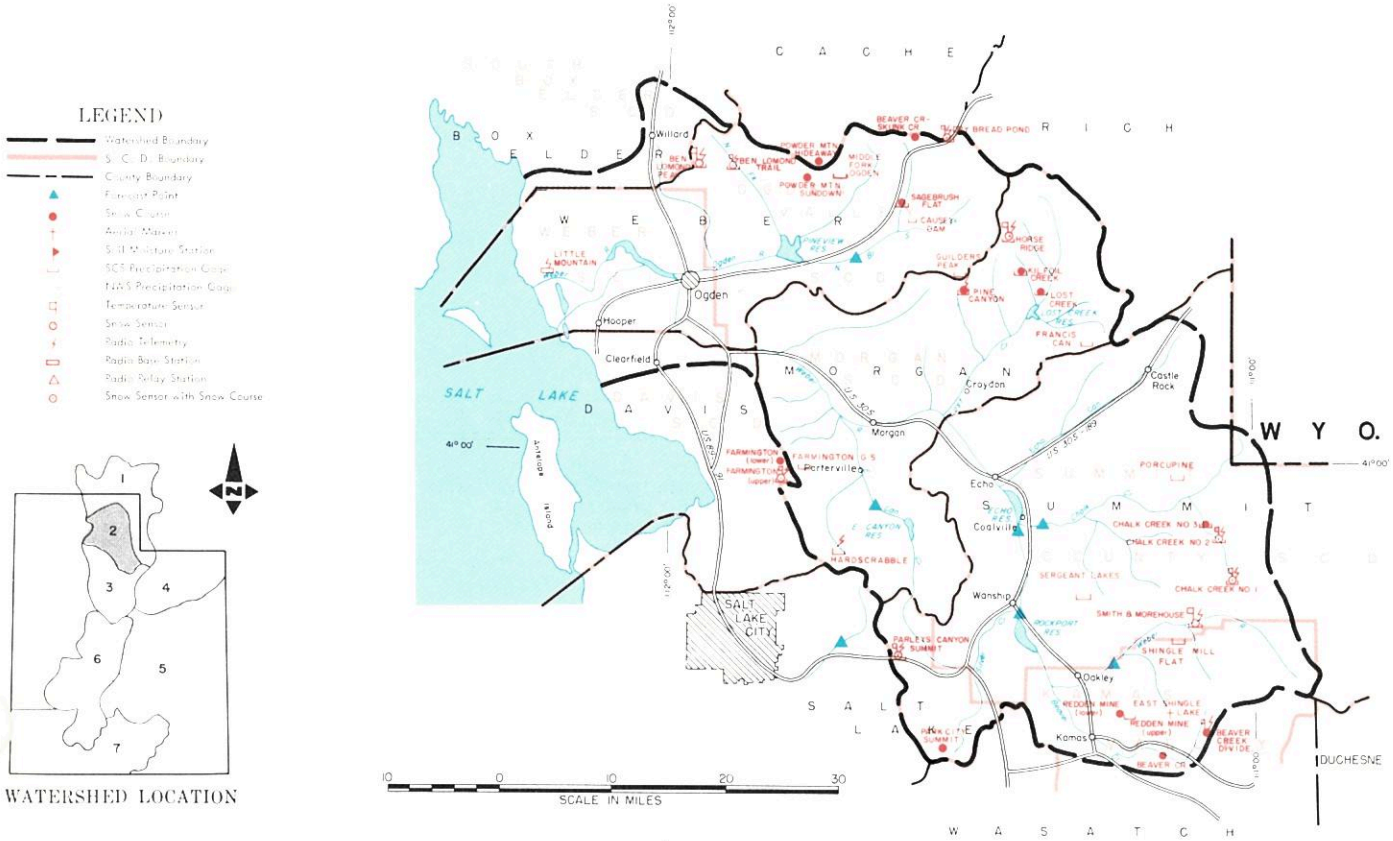

March 1, 1980

THE WATER SUPPLY OUTLOOK IS AVERAGE

SNOW COVER is now 140% of the March 1 average on the Ogden and 132% on the Weber after better than average increases during February.

PRECIPITATION at mountain stations ranged from 131% of the February average at Causey Dam to better than twice average at Farmington Upper and Ben Lomond Trail.

SOIL MOISTURE is very good in the valley, improved at medium elevations but still drier than average under the high snow pack.

RESERVOIR STORAGE in Pineview is 147% of average and about 153% of last year on February 1. Weber River Reservoir storage now totals 118% average and about the same as last year at this time.

STREAMFLOW FORECASTS range from 108% for Chalk Creek to 129% for Lost Creek. Pineview Inflow is forecast 128% of the April-June average and South Fork Ogden 114%. Weber River is forecast 113% at Oakley, 121% for Rockport Inflow, 112% for Echo Inflow, and East Canyon 123%. Mean daily peak flows are expected to be 700-1,000 cubic feet per second on the S. Fork Ogden, 325-450 cfs on Lost Creek, and 500-800 cfs on Chalk Creek and assuming normal precipitation during the melt period are not expected to cause many problems. Average or better water supplies are expected for all water users in this area.

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

WEBER-OGDEN WATERSHEDS in UTAH

STREAMFLOW FORECASTS

BASIN, STREAM and/or FORECAST POINT	THIS YEAR FORECAST Thousand Acre Feet	THIS YEAR FORECAST Percent of Average	FORECAST PERIOD	PAST RECORD THOUSAND ACRE FEET Last Year	PAST RECORD THOUSAND ACRE FEET Average †
WEBER-OGDEN RIVERS					
Weber nr Oakley	118	113	Apr-June	82	104
Rockport Reservoir Inflow[1]	135	121	Apr-June	60	112
Chalk Creek at Coalville	42	108	Apr-June	13.5	39
Weber nr Coalville	139	113	Apr-June	49	123
Echo Res. Inflow	179	112	Apr-June		160
Lost Creek nr Croydon, Utah[1]	23	129	Apr-June	15.5	17.4b
East Canyon Creek nr Morgan[1]	32	123	Apr-June	20	26
Hardscrabble Crk nr Porterville	21	110	Apr-June	--	18.8
South Fork Ogden nr Huntsville	65	114	Apr-June	59	57
Pineview Reservoir Inflow[2]	147	128	Apr-June	124	115
Weber at Gateway	371	120	Apr-June	162	308
JORDAN RIVER & SALT LAKE					
Farmington Crk nr Farmington	9.8	121	Apr-July	--	8.1b

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

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	103	140
WEBER RIVER	12	125	132

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	3.1	1.7	2.0b
	Pineview	110.1	73.5	48.0	49.9
WEBER	East Canyon	48.1	33.2	38.2	28.3
	Echo	73.9	52.7	66.1	51.7
	Lost Creek	20.0	14.0	15.0	13.2b
	Rockport	60.9	24.1	27.9	32.8
	Willard Bay	193.3	184.1	163.8	135.1

PEAK FLOWS

FORECAST POINT	PEAK FLOW (SECOND FEET) Forecast Range	PEAK FLOW (SECOND FEET) Average †
South Fork Ogden nr Huntsville	700-1000	772
Chalk Creek nr Coalville	500-800	569
Lost Creek nr Croydon	325-450	206b

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.	2/26	40	12.2	8.5	7.5
Beaver Creek-Skunk Creek	2/25	39	14.5	15.5	10.8
Ben Lomond Peak	2/25	120	44.4	38.4	29.1
Ben Lomond Trail	2/25	60	20.0	25.2	15.7b
Chalk Creek #1	2/27	81	24.6	17.6	18.0
Chalk Creek #2	2/27	59	16.1	12.0	12.2
Dry Bread Pond	2/25	65	21.6	18.6	16.0

SNOW

DRAINAGE BASIN and/or SNOW COURSE NAME	THIS YEAR Date of Survey	THIS YEAR Snow Depth (Inches)	THIS YEAR Water Content (Inches)	PAST RECORD Water Content (inches) Last Year	PAST RECORD Water Content (inches) Average †
Horse Ridge	2/25	68	21.8	23.9	18.2b
Lost Creek Reservoir	Course plowed			9.3	4.9b
Monte Cristo	2/25	73	24.9	22.7e	22.0
Parleys Canyon Summit	2/28	62	17.1	17.5	16.1
Sagebrush Flat	2/25	19	6.7	6.7	5.0
Smith & Morehouse	2/27	51	15.5	12.2	11.4
Trial Lake	2/26	100	30.4	22.3	20.0

e - estimated

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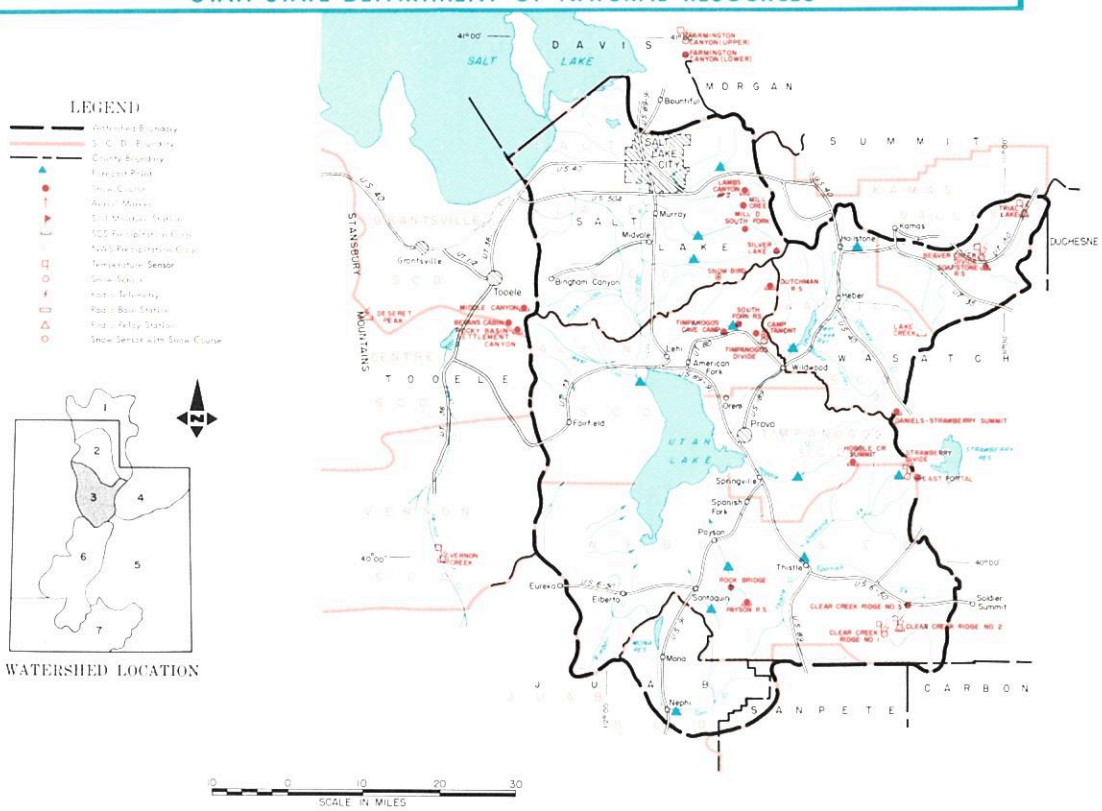
WATER SUPPLY OUTLOOK
UTAH LAKE, JORDAN RIVER and TOOELE VALLEY WATERSHEDS in UTAH

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



March 1, 1980

THE WATER SUPPLY OUTLOOK IS NEAR AVERAGE

SNOW COVER ranges from average in Tooele Valley to 146% of average on the Provo-Utah Lake Watershed.

PRECIPITATION at mountain stations varied from 139% of the February average at Soapstone to 257% at Timpanogos Divide.

SOIL MOISTURE is below average at higher elevations but above average in the valley.

RESERVOIR STORAGE is above average.

STREAMFLOW FORECASTS range from 114% for Little Cottonwood to 174% for Spanish Fork at Thistle. All water users are expected to have average or better than average water supplies this season.

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

UTAH LAKE, JORDAN RIVER and TOOELE VALLEY WATERSHEDS in UTAH

STREAMFLOW FORECASTS

BASIN, STREAM and/or FORECAST POINT	THIS YEAR FORECAST Thousand Acre Feet	THIS YEAR FORECAST Percent of Average	FORECAST PERIOD	PAST RECORD THOUSAND ACRE FEET Last Year	PAST RECORD THOUSAND ACRE FEET Average †
PROVO RIVER AND UTAH LAKE					
Provo nr Hailstone [1]	168	164	Apr-July	--	109
Provo below Deer Creek Dam [1]	198	165	Apr-July	--	122
American Fork nr American Fork	51	167	Apr-July	--	31
Hobble Creek nr Springville	30	170	Apr-July	--	19.7b
Strawberry Reservoir Inflow [1]	74	142	Apr-July	--	52
Spanish Fork at Thistle	68	174	Apr-July	--	39b
Payson Creek nr Payson	7.0	111	Apr-July	--	6.3
Utah Lake Inflow	395	162	Apr-July	--	244
JORDAN RIVER & SALT LAKE					
Little Cottonwood Crk nr SLC	43	114	Apr-July	--	38
Big Cottonwood nr SLC	45	120	Apr-July	30	38
Parley's Creek nr SLC	19.0	127	Apr-July	--	15.4
Mill Creek nr SLC	8.2	130	Apr-July	--	8.8
Emigration Creek nr SLC	5.9	135	Apr-July	--	4.9
City Creek nr SLC	11.1	139	Apr-July		10.7
TOOELE VALLEY					
Vernon Creek nr Vernon	1.3	130	Mar-July	--	1.0
Settlement Crk nr Tooele	--	--	Apr-July	--	--

SUMMARY of SNOW MEASUREMENTS (COMPARISON WITH PREVIOUS YEARS)

RIVER BASIN and/or SUB-WATERSHED	Number of Courses Averaged	THIS YEAR AS A PERCENT OF Last Year	THIS YEAR AS A PERCENT OF Average
PROVO RIVER & UTAH LAKE	13	115	146
JORDAN RIVER & SALT LAKE	2	117	132
TOOELE VALLEY	2	76	100

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

RESERVOIR STORAGE (Thousand Acre Feet)

BASIN OR STREAM	RESERVOIR	Usable Capacity	USEABLE STORAGE This Year	USEABLE STORAGE Last Year	USEABLE STORAGE Average†
SPANISH FORK	Strawberry	270.0	164.3	164.3	153.7
UTAH LAKE	Utah Lake	883.9	820.0	844.2	719.8
	Settlement Creek	1.2	0.6	0.7	--
	Vernon Creek	0.6	0.6e	0.6	--
PROVO	Deer Creek	149.7	109.9	82.8	106.6

PEAK FLOWS

FORECAST POINT	PEAK FLOW (SECOND FEET) Forecast Range	PEAK FLOW (SECOND FEET) Average †
Hobble Creek nr Springville	200-325	--
Spanish Fork nr Thistle	700-850	--
Big Cottonwood nr Salt Lake City	400-550	--
Emigration Creek nr Salt Lake City	50-70	--
City Creek nr Salt Lake City	80-100	--
Provo nr Hailstone	2400-3200	--

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	--	--	--	--	--
Camp Altamont	2/27	67	23.4	21.8	13.4
Clear Creek #1	2/27	72	21.8	18.2e	15.6
Clear Creek #2	2/27	58	14.0	14.6	11.8
Clear Creek #3	2/27	29	8.9	10.9	6.9
Daniels-Strawberry Summit	2/27	67	19.9	16.0	12.3
Deseret Peak	Not scheduled				
Dutchman R.S.	2/28	81	28.2	20.8	14.4
Hobble Creek Summit	2/27	60	17.0	15.6	12.3
Lambs Canyon #2	2/28	52	16.1	15.0	--
Middle Canyon	2/27	33	10.4	14.8	12.1
Mill Creek	2/28	54	16.4	15.8	--

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 †
Mill D South Fork	2/29	57	17.4	17.3	17.1
Parleys Canyon Summit	2/28	61	17.1	17.5	16.1
Payson R.S.	2/27	62	18.4	15.2	16.5b
Rocky Basin-Settlement Canyon	Not scheduled				
Silver Lake Brighton	2/29	95	31.1	24.2	19.6
Soapstone R.S.	2/26	56	16.0	12.3	11.1
South Fork R.S.	2/28	22	7.2	10.4	6.1
Timpanogos Divide	2/27	100	35.2	27.2	21.5
Trial Lake	2/26	100	30.4	22.3	20.0
Vernon Creek	2/28	40	11.0	13.2	9.3a

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WATER SUPPLY OUTLOOK

UINTAH BASIN and DAGGETT SCD's in UTAH

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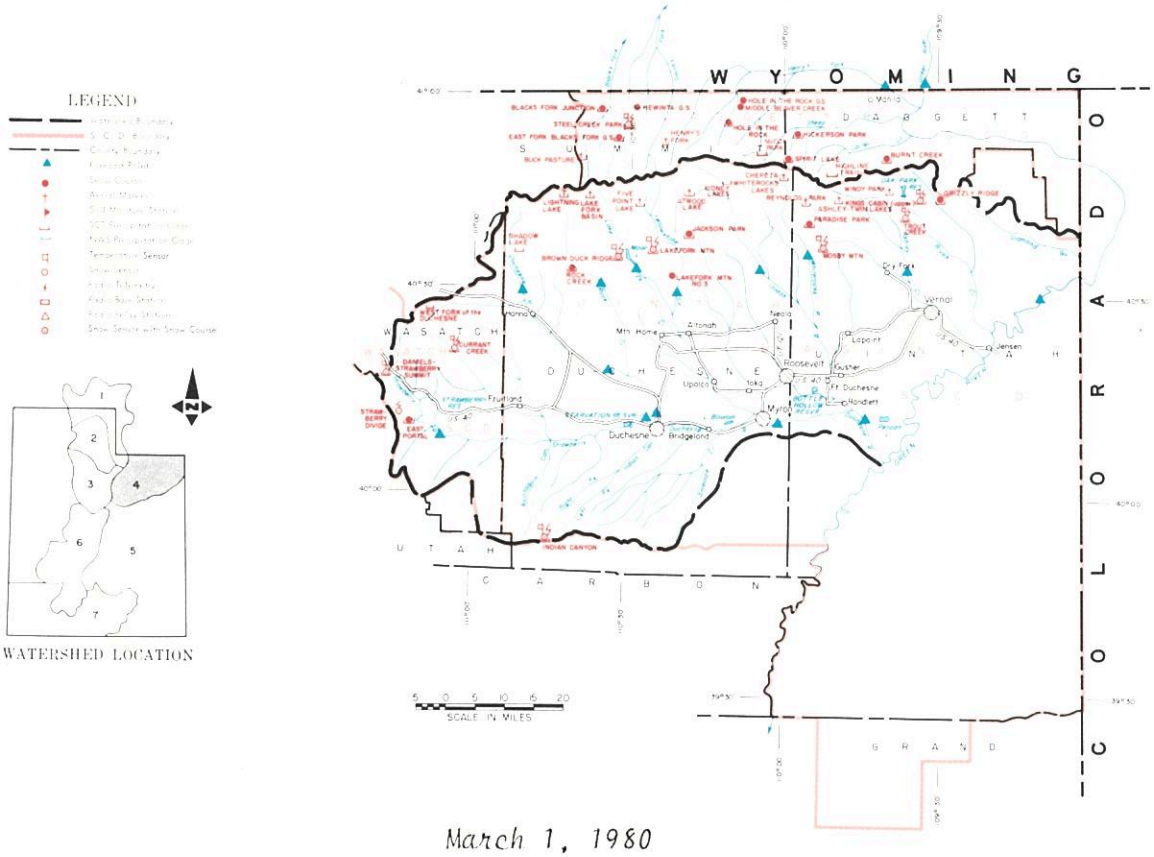

March 1, 1980

THE WATER SUPPLY OUTLOOK RANGES FROM NEAR AVERAGE TO ABOVE AVERAGE

SNOW COVER improved 9 to 40% with Ashley and Lakefork-Yellowstone Creeks now 181% of the March 1 average. Strawberry River is now 159%, Uintah-Whiterocks 166% and Black Fork 154% of average.

PRECIPITATION at mountain stations ranged from 188% of average at Rock Creek Ranch to 290% at Indian Canyon.

SOIL MOISTURE is generally below average under the snow pack but improved at valley locations.

RESERVOIR STORAGE is still below average in Moon Lake and Steinaker but a little better than last year at this time.

STREAMFLOW FORECASTS range from 107% of the April-July average for Whiterocks River to about twice average for the Duchesne at Myton. Water supplies are expected to be near to above average for those on natural streamflow. Reservoir water users may have a reduced supply if reservoirs do not fill.

M7-OL-22027-4
USDA-SCS-PORTLAND, OR. 1979

UINTAH BASIN and DAGGETT SCD's in UTAH

STREAMFLOW FORECASTS

BASIN, STREAM and/or FORECAST POINT	THIS YEAR FORECAST Thousand Acre Feet	THIS YEAR FORECAST Percent of Average	FORECAST PERIOD	PAST RECORD THOUSAND ACRE FEET Last Year	PAST RECORD THOUSAND ACRE FEET Average †
DUCHESNE RIVER					
Duchesne nr Tabiona[1]	162	151	Apr-July	--	107
Duchesne at Duchesne[1]	291	151	Apr-July	--	193
Strawberry at Duchesne	106	186	Apr-July	--	57
Rock Creek nr Mtn. Home	146	154	Apr-July	--	95
Currant Creek nr Fruitland	29	145	Apr-July	--	20
Lakefork below Moon Lake[1]	85	118	Apr-July	55	72
Yellowstone nr Altonah	79	118	Apr-July	48	67
Duchesne at Myton[1]	425	202	Apr-July	--	210
Whiterocks nr Whiterock	64	107	Apr-July	44	60
Uintah nr Neola	111	125	Apr-July	61	89
Duchesne at Randlett[1]	505	190	Apr-July	--	266
West Fork Duchesne at Hanna	41	158	Apr-July	--	26
FLAMING GORGE TO DUCHESNE RIVER					
Henry's Fork at Linwood	73	135	Apr-Sept	--	54
Black's Fork at Millburne	118	128	Apr-July	--	92
Flaming Gorge Inflow[1]			Apr-July	781	1292
Ashley Creek nr Vernal	63	124	Apr-July	39	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	10	116	165
LAKEFORK-YELLOWSTONE CREEKS	3	140	181
STRAWBERRY RIVER	3	114	159
UINTAH - WHITEROCKS RIVERS	2	115	166
ASHLEY CREEK	2	138	181
BLACK'S FORK	4	150	154

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

RESERVOIR STORAGE (Thousand Acre Feet)

BASIN OR STREAM	RESERVOIR	Usable Capacity	USEABLE STORAGE This Year	USEABLE STORAGE Last Year	USEABLE STORAGE Average†
ASHLEY CREEK	Steinaker	33.3	15.2	12.3	21.9
GREEN RIVER	Flaming Gorge	3749.0		2501.7	--
LAKE FORK	Moon Lake	35.8	9.0	7.0e	18.3
STRAWBERRY	Starvation	165.3		--	130.0b
UINTAH	Bottle Hollow	11.3		9.5	9.9b

PEAK FLOWS

FORECAST POINT	PEAK FLOW (SECOND FEET) Forecast Range	PEAK FLOW (SECOND FEET) Average †
Strawberry at Duchesne	900-1300	656
Ashley Creek nr Vernal	1000-1500	1030

SNOW

DRAINAGE BASIN and/or SNOW COURSE NAME	THIS YEAR Date of Survey	THIS YEAR Snow Depth (Inches)	THIS YEAR Water Content (Inches)	PAST RECORD Water Content (Inches) Last Year	PAST RECORD Water Content (Inches) Average †
Brown Duck Ridge	2/26	82	23.6	18.9	14.1a
Currant Creek	2/27	56	16.8	13.5	7.8a
Daniels-Strawberry	2/27	67	19.9	16.0	12.3
Hewinta G.S.	2/27	43	12.1	8.0	7.3
Hickerson Park	2/27	38	10.4	6.2	5.0b
Hole-in-the-Rock	Not Scheduled				
Hole-in-the-Rock G.S.	Not Scheduled				
Jackson Park	2/26	65	18.6	13.1	--
Kings Cabin Upper	2/27	52	14.4	9.6e	8.1

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 †
Lakefork Mountain	2/26	55	15.5	10.9	9.0
Mosby Mountain	2/26	54	13.9	11.4	7.7
Paradise Park	2/26	56	15.8	14.5	10.2
Rock Creek Ranch	2/26	49	13.5	7.9	--
Spirit Lake	2/27	51	14.7	11.7	9.7
Steel Creek Park	2/27	63	17.3	12.0	12.8b
Strawberry Divide	2/28	71	21.6	21.8	16.5
Trout Creek	2/27	47	13.1	11.2	--

e - estimated

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

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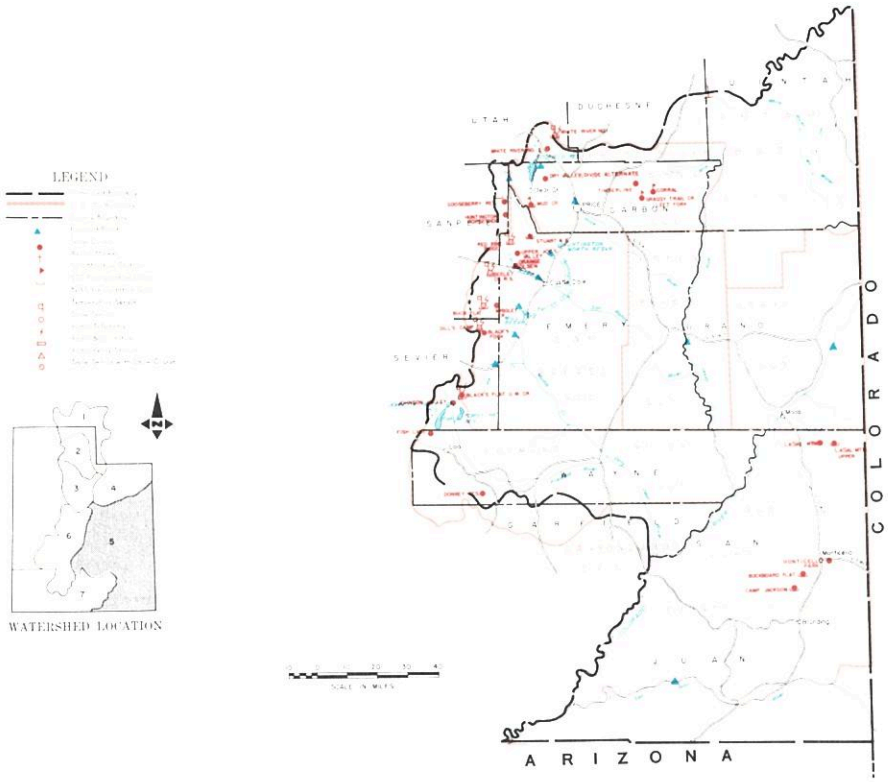
UTAH STATE DEPARTMENT OF NATURAL RESOURCES



March 1, 1980

THE WATER SUPPLY OUTLOOK IS ABOVE AVERAGE

SNOW COVER varies from 141% on Price River to 224% on the Blue Mountains above Monticello after above average monthly increases.

PRECIPITATION at mountain stations ranged from 223% of the February average at Buck Flat to 391% at Orange Olsen.

SOIL MOISTURE under the snow pack is still drier than average but lower elevations soils improved during February.

RESERVOIR STORAGE is near to above average.

STREAMFLOW FORECASTS range from 120% of average for Seven Mile Creek to 196% for Mill Creek near Moab. All water users are expected to have adequate water supplies.

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

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

STREAMFLOW FORECASTS

BASIN, STREAM and/or FORECAST POINT	THIS YEAR FORECAST Thousand Acre Feet	THIS YEAR FORECAST Percent of Average	THIS YEAR FORECAST PERIOD	PAST RECORD THOUSAND ACRE FEET Last Year	PAST RECORD THOUSAND ACRE FEET Average +
PRICE RIVER					
Gooseberry Crk nr Scofield			Apr-July		10.1
Scofield Reservoir Inflow	52	144	Apr-July		36
Price nr Heiner[1]			Apr-July		64
SAN RAFAEL RIVER					
Huntington Crk nr Huntington	65	141	Apr-July		49b
Cottonwood Crk nr Orangeville	56	127	Apr-July	40	44b
Ferron Creek nr Ferron	53	155	Apr-July	37	34
MUDDY CREEK					
Muddy Creek nr Emery	27	162	Apr-July	21	16.8
UPPER COLORADO BASIN					
Colorado nr Cisco, Utah			Apr-July	4890	2716
Green at Green River, Utah	4000	134	Apr-July	2986	2975
Mill Creek nr Moab	9.7	196	Apr-July	7.3	5.1b
Navajo Reservoir Inflow			Apr-July		608
San Juan nr Bluff, Utah			Apr-July		865
FREMONT RIVER					
Seven Mile Crk nr Fish Lake	7.7	120	Apr-July		6.4

SUMMARY of SNOW MEASUREMENTS (COMPARISON WITH PREVIOUS YEARS)

RIVER BASIN and/or SUB-WATERSHED	Number of Courses Averaged	THIS YEAR AS A PERCENT OF Last Year	THIS YEAR AS A PERCENT OF Average
PRICE RIVER	3	101	141
SAN RAFAEL RIVER	5	117	146
FREMONT RIVER	3	77	143
LASAL MOUNTAINS	2	103	168
BLUE MOUNTAINS	2	89	224
MUDDY RIVER	1	141	164

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

RESERVOIR STORAGE (Thousand Acre Feet)

BASIN OR STREAM	RESERVOIR	Usable Capacity	USEABLE STORAGE This Year	USEABLE STORAGE Last Year	USEABLE STORAGE Average+
PRICE RIVER	Scofield	65.8		41.0	35.8
SAN RAFAEL	Huntington North	3.9		1.6	3.0b
	Joe's Valley	54.6		38.0	36.9b
	Mill Site	16.7		5.9	--
SAN JUAN	Navajo	1696.0	1101.0	1166.2	--

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

PEAK FLOWS

FORECAST POINT	PEAK FLOW (SECOND FEET) Forecast Range	PEAK FLOW (SECOND FEET) Average +
Ferron Creek near Ferron	500-750	422
Muddy Creek near Emery	200-300	154

SNOW

DRAINAGE BASIN and/or SNOW COURSE NAME	THIS YEAR Date of Survey	THIS YEAR Snow Depth (Inches)	THIS YEAR Water Content (Inches)	PAST RECORD Water Content (inches) Last Year	PAST RECORD Water Content (inches) Average +
Buck Flat	2/27	73	19.2	17.6	13.3
Buckboard Flat	2/26	63	19.7	23.5	8.8
Camp Jackson	2/26	74	22.8	24.5	10.3
Dills Camp	2/27	59	16.1	11.4	9.8a
Dry Valley Divide Alternate	2/28	48	12.8	11.8	--
Huntington-Horseshoe	2/28	77	24.2	23.0	--

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 +
Mammoth-Cottonwood R.S.	2/28	77	17.7	22.0	17.4
Monticello City Park	2/27	13	4.6	9.2	--
Mud Creek	2/28	65	16.8	14.2	11.4
Seeley Creek	2/27	60	19.2	14.2	13.4
White River #1	2/28	55	15.4	17.4	11.3
White River #3	2/27	36	10.6	10.6	7.6

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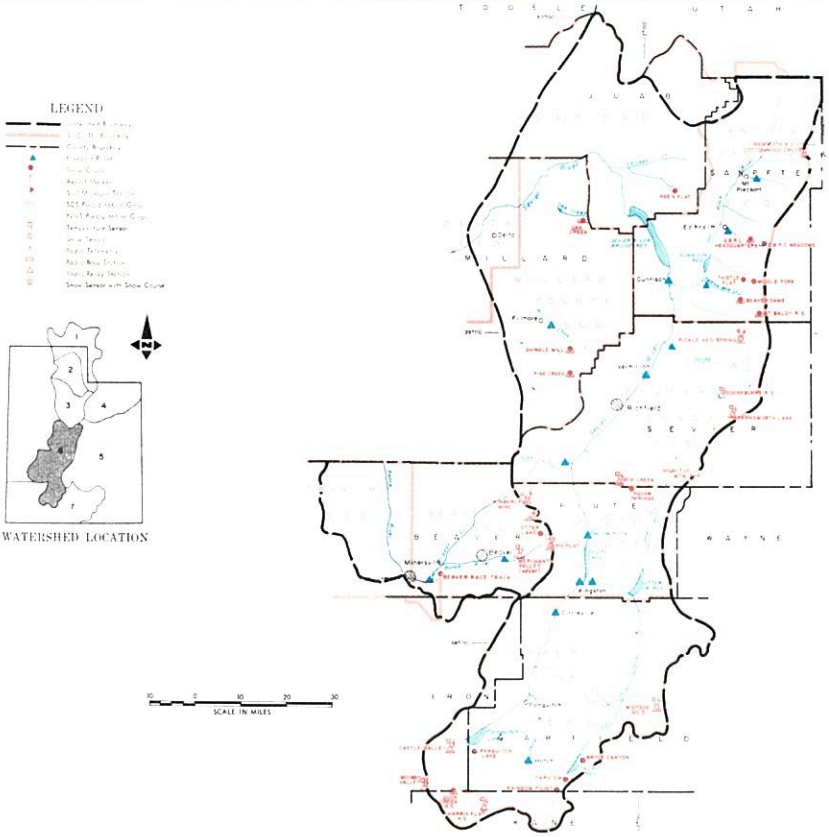
WATER SUPPLY OUTLOOK

SEVIER RIVER BASIN including BEAVER RIVER in UTAH

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



March 1, 1980

THE WATER SUPPLY OUTLOOK IS EXCELLENT

SNOW COVER ranges from 125% on the Lower Sevier to 183% on the Beaver. The Upper Sevier is 177% of the March 1 average.

PRECIPITATION at mountain stations ranged from 118% of the February average at Farnsworth Lake to 414% at Duck Creek R.S.

SOIL MOISTURE under the snow pack is still drier than average at high elevations but is average or better in the valley.

RESERVOIR STORAGE is above average with Sevier River Reservoirs 119% of average and Minersville 140%.

STREAMFLOW FORECASTS range from 121% of average for Clear Creek to 326% for Minersville Inflow. Upper Sevier forecasts are generally two and a half to three times average and Beaver River is forecast 188% of average. Peak flows are expected to be higher than usual and could cause some damage along stream banks. Precautions should be taken to protect property close to the channel prior to snow melt runoff.

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	99	244	Apr-July	101	41
Sevier nr Circleville	90	297	Apr-July	--	29
Sevier nr Kingston	65	288	Apr-July	80	22
Antimony Crk nr Antimony	11.8	162	Apr-July	--	6.9
East Fork Sevier nr Kingston[1]	40	266	Apr-July	60	15.4
Sevier below Piute Dam	102	285	Apr-July	--	36
Clear Crk nr Sevier (abv Div)	23	121	Apr-July	--	17.8
Inflow					
Kingston to Vermillion Dam	82	146	Apr-June	--	56
Vermillion Dam to Gunnison	42	120	Mar-June	--	35
Salina Creek at Salina	18.0	155	Apr-June	--	11.1
Sevier nr Gunnison	90	181	Apr-July	--	50
Chalk Creek nr Fillmore	25	161	Apr-July	--	15.5b
Chicken Creek nr Levan	6.3	203	Apr-July	8.3	3.1
Oak Cr. nr Oak City	2.5	179	Apr-July	1.4	1.4
SAN PITCH RIVER					
Ephraim Creek nr Ephraim	26	180	Apr-July	--	14.5
Pleasant Crk nr Mt. Pleasant	10.3	123	Apr-July	--	8.6
BEAVER RIVER					
Beaver nr Beaver	38	188	Apr-July	51	20
North Creek (Combined)	22	182	Apr-July	--	12.2b
Minersville Reservoir Inflow	22	326	Apr-June	55	6.6

SUMMARY of SNOW MEASUREMENTS (COMPARISON WITH PREVIOUS YEARS)

RIVER BASIN and or SUB-WATERSHED	Number of Courses Averaged	THIS YEAR AS A PERCENT OF Last Year	THIS YEAR AS A PERCENT OF Average
UPPER SEVIER RIVER	9	81	177
East Fork Sevier	4	77	171
South Fork Sevier	6	80	178
LOWER SEVIER	11	97	125
BEAVER RIVER	3	92	183

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

BASIN OR STREAM	RESERVOIR	Usable Capacity	USABLE STORAGE This Year	USABLE STORAGE Last Year	USABLE STORAGE Average†
SEVIER RIVER	Gunnison	18.2	18.2	12.4	14.0
	Otter Creek	52.5	46.8	23.3	33.1
	Piute	71.8	48.9	31.7	44.9
	Sevier Bridge	236.0	152.9	76.3	131.4
BEAVER RIVER	Minersville (Rky Fd)	23.3	18.9	13.6	13.5

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

PEAK FLOWS

FORECAST POINT	PEAK FLOW (SECOND FEET) Forecast Range	PEAK FLOW (SECOND FEET) Average †
Sevier River at Hatch	800-1100	--
Sevier River nr Circleville	--	--
Sevier River nr Kingston	550-800	--
Clear Creek nr Sevier	200-300	--
Salina Creek nr Salina	450-750	--
Beaver River nr Beaver	350-500	211

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	2/26	83	23.2	22.7	12.8
Bryce Canyon	2/27	34	10.1	10.4	3.9
Castle Valley	2/26	63	17.0	20.2	10.6
Duck Creek	3/2	70	20.2	25.0	10.7
Farnsworth Lake	3/1	60	18.6	17.4	15.1
Gooseberry R.S.	3/1	37	10.6	12.2	10.1

SNOW

DRAINAGE BASIN and/or SNOW COURSE NAME	Date of Survey	THIS YEAR Snow Depth (Inches)	THIS YEAR Water Content (Inches)	PAST RECORD Water Content (Inches) Last Year	PAST RECORD Water Content (Inches) Average †
Harris Flat	3/2	44	15.2	22.0	6.9
Kimberly Mine	2/26	68	18.0	22.1	12.3
Long Valley Junction	3/2	33	12.4	15.6	4.0
Merchants Valley Upper	2/26	58	16.0	20.0	9.6b
Midway Valley	3/2	100	30.8	33.8	16.6
Otter Lake	2/26	74	20.0	22.0	9.9
Pickle Keg Springs	2/27	59	15.8	20.0	13.2a
Widtsoe-Escalante #3	3/2	49	13.9	20.0	8.3

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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, 1980

THE WATER SUPPLY OUTLOOK IS EXCELLENT

SNOW COVER ranges from 157% of the March 1 average on Parowan Creek to 221% on the Enterprise-New Harmony watersheds.

PRECIPITATION at mountain stations ranged from 4 to almost 12 inches of moisture. Several stations were over three times the February average.

SOIL MOISTURE under the high snow pack is still drier than average. Valley soils are well primed.

RESERVOIR STORAGE is above average. Most smaller reservoirs have filled and spilled earlier in February.

STREAMFLOW FORECASTS range from 144% of the April-July flow period for Lake Powell Inflow to 322% for Santa Clara River. The Virgin is forecast 263% and Coal Creek 156% of average. All water users are expected to have above average water supplies this year.

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

EAST GARFIELD, KANE, WASHINGTON and IRON COUNTIES in UTAH

STREAMFLOW FORECASTS

BASIN, STREAM and/or FORECAST POINT	THIS YEAR FORECAST Thousand Acre Feet	THIS YEAR FORECAST Percent of Average	THIS YEAR FORECAST PERIOD	PAST RECORD THOUSAND ACRE FEET Last Year	PAST RECORD THOUSAND ACRE FEET Average +
VIRGIN RIVER					
Virgin nr Hurricane	158	263	Apr-June	--	49
Santa Clara nr Pine Valley	13.2	322	Apr-June	--	4.1
COAL CREEK					
Coal Creek nr Cedar City	26	156	Apr-July	--	17.0
UPPER COLORADO					
Lake Powell Inflow	10000	144	Apr-July	--	6952

2 - Provisional Flows - Subject to correction

SUMMARY of SNOW MEASUREMENTS (COMPARISON WITH PREVIOUS YEARS)

RIVER BASIN and or SUB-WATERSHED	Number of Courses Averaged	THIS YEAR AS A PERCENT OF Last Year	THIS YEAR AS A PERCENT OF Average
COAL CREEK	4	98	198
VIRGIN RIVER	4	94	192
PAROWAN CREEK	4	92	157
ENTERPRISE - NEW HARMONY	2	72	221

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	21080.0	15126.0	--
	Blue Mesa	829.5	945.5	420.4	--

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

PEAK FLOWS

FORECAST POINT	PEAK FLOW (SECOND FEET) Forecast Range	PEAK FLOW (SECOND FEET) Average +
Coal Creek nr Cedar City	350-450	--
Virgin nr Virgin	1900-2200	--

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	2/28	35	12.2	10.8	6.0b
Brian Head	2/26	82	22.2	26.2	16.3b
Harris Flat	3/2	44	15.2	22.0	6.9
Kolob-Crystal	3/2	95	28.5	30.0	17.3a
Little Grassy	3/2	18	8.6	15.5	3.6
Long Flat	3/2	33	11.7	12.8	5.6

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	3/2	33	12.4	15.6	4.0
SUSC Ranch	2/28	45	16.3	16.2	7.5b
Tall Poles	2/28	60	18.3	19.6	11.5b
Webster Flat	3/2	85	28.0	27.0	13.9
Yankee Reservoir	2/26	46	12.0	14.0	7.4

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SNOW	THIS YEAR			PAST RECORD		PRECIPITATION (Inches)					
				Water Content (inches)		CURRENT INFORMATION			FROM APPROX. OCT. 1 TO DATE		
DRAINAGE BASIN and/or SNOW COURSE NAME	Date of Survey	Snow Depth (inches)	Water Content (inches)	Last Year	Average +	Date of Reading	Month's Precipitation	Average +	This Year	Average +	Percent of Average
GREAT BASIN											
UPPER BEAR RIVER (Above Harer, Idaho)											
Burts-Miller Ranch	2/27	29	8.6	5.4	--	2/27	2.57	--	11.27	--	--
CCC Camp	2/28	40	11.0	13.2	11.1						
Hayden Fork	2/26	61	18.0	14.0	12.7a	2/26	4.88	--	21.17	--	--
Monte Cristo R.S.	2/26	73	24.9	22.7c	22.0	2/26	4.68	4.15	24.38	21.27	115
Salt River Summit	2/28	52	13.8	15.4	14.4	2/28	3.44	2.91	15.56	14.26	109
Stillwater Camp	2/27	51	13.7	9.9	--	2/27	3.19	--	15.80	--	--
Lily Lake	2/27	60	16.2	--	--						
LOWER BEAR RIVER (Below Harer, Idaho											
Bug Lake	2/25	65	19.0	20.1	15.6a	2/29	3.80				
Cub River R.S.	2/26	25	8.7	11.5	8.4						
Emigrant Summit	2/27	72	22.8	23.3	21.7						
Franklin Basin	2/26	68	23.3	22.8	22.7						
Garden City Summit	2/25	54	17.0	17.7	15.3	2/25	3.27	3.47	16.07a	15.80	102
Klondike Narrows	2/26	62	19.6	18.5	17.3	2/26	4.19	--	21.37	--	--
Little Bear (lower)	2/25	29	8.5	12.6	9.2						
Little Bear (upper)	2/25	39	10.6	15.1	10.9	2/29	6.50				
Slug Creek Divide	2/27	54	16.7	14.8	14.8						
Steep Hollow #1	2/26	95	31.7	32.2	30.8						
Steep Hollow #2	2/26	78	24.4	23.5	22.4						
Tony Grove Lake	2/26	99	32.9	32.8	28.4a						
Tony Grove R.S.	2/25	38	10.9	14.9	10.9	2/25	3.77	--	19.48	--	--
Willow Flat	2/26	43	15.6	19.9	13.9	2/26	5.39	3.71	22.21	18.85	118
OGDEN RIVER											
Beaver Creek-Skunk Creek	2/25	39	14.5	15.5	10.8						
Ben Lomond Peak	2/25	120	44.4	38.4	29.1	2/29	13.70				
Ben Lomond Trail	2/25	60	20.0	25.2	15.7b	2/25	10.12	4.47b	37.65	24.98b	151
Causey Dam	--	--	--	--	--	2/25	3.16	2.42b	16.27	11.91	137
Dry Bread Pond	2/25	65	21.6	18.6	16.0	--	--	--	--	16.96b	--
Sagebrush Flat	2/25	19	6.7	6.7	5.0	2/25	3.47	2.58	17.87	12.07	148
WEBER RIVER											
Beaver Creek R.S.	2/26	40	12.2	8.5	7.5						
Chalk Creek #1	2/27	81	24.6	17.6	18.0						
Chalk Creek #2	2/27	59	16.1	12.0	12.2						
Chalk Creek #3	2/27	40	10.9	6.4	6.7	2/27	3.62	1.82b	14.82	11.26b	131
Farmington Canyon (lower)	2/25	73	24.8	26.8	18.4b	2/25	9.18	4.04b	25.53	22.40	114
Farmington Canyon (upper)	2/25	96	31.1	28.8	25.3b	2/29	12.80				
Farmington G.S.	--	--	--	--	--	2/25	9.49	--	26.36	19.40b	136
Horse Ridge	2/25	68	21.8	23.9	18.2b	2/25	4.78	--	24.24	19.40b	125
Kilfoil Creek	2/25	55	17.0	16.3	11.6b						
Lost Creek Reservoir	2/25	Course	plowed	9.3	4.9b	2/25	2.63	--	13.51	--	--
Park City Summit				24.4							
Parley's Canyon Summit	2/28	62	17.1	17.5	16.1	2/28	5.87	3.68	20.23	18.48	110
Pine Canyon	2/25	66	19.7	--	--						
Redden Mine (lower)	2/26	67	20.9		15.0	2/26	5.00	--	17.53	--	--
Smith & Morehouse	2/27	51	15.5	12.2	11.4	2/27	4.55	2.81	17.99	14.71	122
PROVO RIVER & UTAH LAKE											
Beaver Creek Divide	2/26	57	16.6	11.8	10.9a	2/29	4.70				
Camp Altamont	2/27	67	23.4	21.8	13.4						
Clear Creek Ridge #1	2/27	72	21.8	18.2e	15.6	2/28	6.10				
Clear Creek Ridge #2	2/27	58	14.0	14.6	11.8	2/27	4.01	2.48b	17.98	13.35b	135
Clear Creek Ridge #3	2/27	29	8.9	10.9	6.9						
Dutchman R.S.	2/28	81	28.2	20.8	14.4						
Hobble Creek Summit	2/27	60	17.0	15.6	12.3	2/27	7.32	--	21.79	14.49	150
Payson R.S.	2/27	62	18.4	15.2	16.5b	2/27	5.84	3.01	20.30	15.05	135
Soapstone R.S.	2/26	56	16.0	12.3	11.1	2/26	3.69	2.66	17.57	13.82	127
South Fork R.S.	2/28	22	7.2	10.4	6.1						
Timpanogos Cave Camp	2/28	3	1.2	5.4	2.4						
Timpanogos Divide	2/27	100	35.2	27.2	21.5	2/29	8.50	4.30	--	21.73	--
Trial Lake	2/26	100	30.4	22.3	20.0	2/26	7.40	3.87	28.05	20.07	140

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

SNOW	THIS YEAR			PAST RECORD		PRECIPITATION (Inches)					
DRAINAGE BASIN and/or SNOW COURSE NAME	Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Water Content (Inches) Last Year	Water Content (Inches) Average +	CURRENT INFORMATION Date of Reading	Month's Precipitation	Average +	FROM APPROX. OCT. 1 TO DATE This Year	Average +	Percent of Average
JORDAN RIVER & GREAT SALT LAKE											
Bevan's Cabin											
Lamb's Canyon #2	2/28	52	16.1	15.0	--	2/28	4.47	--	17.42	--	--
Middle Canyon	2/29	33	10.4	14.8	12.1	2/29	5.20	2.79	14.87	12.53	119
Mill Creek	2/28	54	16.8	15.8	--						
Mill D South Fork	2/29	57	17.5	17.3	17.1						
Mt. Dell Dam	--	--	--	--	--	3/3	3.35	1.77	--	11.14	--
Rock Basin-Settlement Canyon	--	--	--	--	--	--	--	--	--	--	--
Silver Lake (Brighton)	2/29	95	31.1	24.2	19.6	3/3	8.07	4.31	--	22.38	--
Snow Bird (Gad Valley)				34.2	--						
Vernon Creek	2/28	40	11.0	13.2	9.3a	2/28	6.50	--	19.00	12.76b	149
UPPER SEVIER RIVER (South of Richfield, Utah)											
Box Creek	3/1	53	15.0	22.2	10.7	--	--	--	--	11.10	--
Bryce Canyon	2/27	34	10.1	10.4	3.9						
Castle Valley	2/26	63	17.0	20.2	10.6	2/26	6.37	--	16.59	11.12	149
Duck Creek R.S.	3/2	70	20.2	25.0	10.7	3/2	9.74	2.35b	25.73	13.25	194
Farview	2/28	50	15.1	19.5	--						
Harris Flat	3/2	44	15.2	22.0	6.9						
Kimberly Mine	2/26	68	18.0	22.1	12.3	2/26	6.54	3.18b	19.82	14.38	138
Midway Valley	3/2	100	30.8	33.8	16.6	3/2	10.04	--	25.02	--	--
Panguitch Lake	2/26	28	7.4	11.4	3.8	2/26	4.17	--	9.72	6.51b	149
Rainbow Point	2/28	59	19.9	20.8	--						
Squaw Springs	3/1	40	10.7	11.8	6.1						
LOWER SEVIER RIVER (Including San Pitch River)											
Beaver Dams	2/27	42	12.0	14.5	9.6b	2/27	5.24	--	14.96	10.66	140
Farnsworth Lake	3/1	60	18.6	17.4	15.1	3/1	4.22	3.59	19.25	15.23	126
G.B.R.C. Headquarters	2/27	64	17.6	16.8	13.0	2/27	7.68	2.69	21.49	14.21	151
G.B.R.C. Majors	--	--	--	--	--	3/1	5.43	1.30	12.95	6.95	186
G.B.R.C. Meadows	2/27	83	25.2	21.0	18.6	2/27	8.90	3.59	24.88	17.57	142
G.B.R.C. Oaks	--	--	--	--	--	3/1	6.06a	1.88	14.86a	9.70	153
Gooseberry R.S.	3/1	37	10.6	12.2	10.1	3/1	2.87	2.38b	12.98	9.87b	131
Gooseberry Reservoir	--	--	--	--	--	2/27	7.89	--	23.60	--	--
Mammoth-Cottonwood Creek	2/28	77	23.1	22.0	17.4						
Middle Fork				22.4	--						
Mt. Baldy R.S.	2/27	88	26.0	26.0	18.6b	2/27	6.90	--	20.66	13.76	150
Oak Creek	2/28	54	15.3	14.9	--	2/28	--	--	22.82	--	--
Pickle Keg Springs	2/27	59	15.8	20.0	13.2a						
Pine Creek	2/26	56	16.8	16.8	13.1	2/26	4.85	--	18.12	18.53	98
Ree's Flat	2/27	51	14.6	12.3	10.3b	2/27	6.73	--	17.72	--	--
Shingle Mill	2/28	24	9.0	9.2	7.6	2/28	11.80	2.33b	24.70	12.58	196
Thistle Flat				15.8	--						
BEAVER RIVER											
Beaver Canyon Power House											
Beaver Race Track				0.5	--						
Big Flat	2/26	83	23.2	22.7	12.8	2/26	8.35	2.60	20.51	12.53	164
Merchant's Valley (Upper)	2/26	58	16.0	20.0	9.6b	2/26	6.97	2.11b	17.15	11.29	152
Otter Lake	2/26	74	20.0	22.0	9.9						
PAROWAN CREEK											
Birch Crossing	2/28	35	12.2	10.8	6.0b						
Brian Head	2/26	82	22.2	26.2	16.3b						
Tall Poles	2/28	60	18.3	19.6	11.5b	2/28	8.40	2.39b	20.25	11.87b	171
Yankee Reservoir	2/26	46	12.0	14.0	7.4	2/26	4.22	--	13.68	9.40b	146
ENTERPRISE TO NEW HARMONY DRAINAGES											
Little Grassy Creek	3/2	18	8.6	15.5	3.6	3/2	10.53	--	19.25	12.33b	156
Long Flat	3/2	33	11.7	12.8	5.6	3/2	6.84	--	17.01	9.23	184
COAL CREEK											
Cedar City Golf Course	2/28	0	--	1.0	--						
SUSC Ranch	2/28	45	16.3	16.2	7.5b						

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+ 1958-1972 (or less)

SNOW	THIS YEAR			PAST RECORD		PRECIPITATION (Inches)					
				Water Content (inches)		CURRENT INFORMATION			FROM APPROX. OCT 1 TO DATE		
DRAINAGE BASIN and/or SNOW COURSE NAME	Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Last Year	Average +	Date of Reading	Month's Precipitation	Average +	This Year	Average +	Percent of Average
GREAT BASIN											
UPPER BEAR RIVER (Above Harer, Idaho)											
Burts-Miller Ranch	2/27	29	8.6	5.4	--	2/27	2.57	--	11.27	--	--
CCC Camp	2/28	40	11.0	13.2	11.1						
Hayden Fork	2/26	61	18.0	14.0	12.7a	2/26	4.88	--	21.17	--	--
Monte Cristo R.S.	2/26	73	24.9	22.7c	22.0	2/26	4.68	4.15	24.38	21.27	115
Salt River Summit	2/28	52	13.8	15.4	14.4	2/28	3.44	2.91	15.56	14.26	109
Stillwater Camp	2/27	51	13.7	9.9	--	2/27	3.19	--	15.80	--	--
Lily Lake	2/27	60	16.2	--	--						
LOWER BEAR RIVER (Below Harer, Idaho											
Bug Lake	2/25	65	19.0	20.1	15.6a	2/29	3.80				
Cub River R.S.	2/26	25	8.7	11.5	8.4						
Emigrant Summit	2/27	72	22.8	23.3	21.7						
Franklin Basin	2/26	68	23.3	22.8	22.7						
Garden City Summit	2/25	54	17.0	17.7	15.3	2/25	3.27	3.47	16.07a	15.80	102
Klondike Narrows	2/26	62	19.6	18.5	17.3	2/26	4.19	--	21.37	--	--
Little Bear (lower)	2/25	29	8.5	12.6	9.2						
Little Bear (upper)	2/25	39	10.6	15.1	10.9	2/29	6.50				
Slug Creek Divide	2/27	54	16.7	14.8	14.8						
Steep Hollow #1	2/26	95	31.7	32.2	30.8						
Steep Hollow #2	2/26	78	24.4	23.5	22.4						
Tony Grove Lake	2/26	99	32.9	32.8	28.4a						
Tony Grove R.S.	2/25	38	10.9	14.9	10.9	2/25	3.77	--	19.48	--	--
Willow Flat	2/26	43	15.6	19.9	13.9	2/26	5.39	3.71	22.21	18.85	118
OGDEN RIVER											
Beaver Creek-Skunk Creek	2/25	39	14.5	15.5	10.8						
Ben Lomond Peak	2/25	120	44.4	38.4	29.1	2/29	13.70				
Ben Lomond Trail	2/25	60	20.0	25.2	15.7b	2/25	10.12	4.47b	37.65	24.98b	151
Causey Dam	--	--	--	--	--	2/25	3.16	2.42b	16.27	11.91	137
Dry Bread Pond	2/25	65	21.6	18.6	16.0	--	--	--	--	16.96b	--
Sagebrush Flat	2/25	19	6.7	6.7	5.0	2/25	3.47	2.58	17.87	12.07	148
WEBER RIVER											
Beaver Creek R.S.	2/26	40	12.2	8.5	7.5						
Chalk Creek #1	2/27	81	24.6	17.6	18.0						
Chalk Creek #2	2/27	59	16.1	12.0	12.2						
Chalk Creek #3	2/27	40	10.9	6.4	6.7	2/27	3.62	1.82b	14.82	11.26b	131
Farmington Canyon (lower)	2/25	73	24.8	26.8	18.4b	2/25	9.18	4.04b	25.53	22.40	114
Farmington Canyon (upper)	2/25	96	31.1	28.8	25.3b	2/29	12.80				
Farmington G.S.	--	--	--	--	--	2/25	9.49	--	26.36	19.40b	136
Horse Ridge	2/25	68	21.8	23.9	18.2b	2/25	4.78	--	24.24	19.40b	125
Kilfoil Creek	2/25	55	17.0	16.3	11.6b						
Lost Creek Reservoir	2/25	Course	plowed	9.3	4.9b	2/25	2.63	--	13.51	--	--
Park City Summit				24.4							
Parley's Canyon Summit	2/28	62	17.1	17.5	16.1	2/28	5.87	3.68	20.23	18.48	110
Pine Canyon	2/25	66	19.7	--	--						
Redden Mine (lower)	2/26	67	20.9		15.0	2/26	5.00	--	17.53	--	--
Smith & Morehouse	2/27	51	15.5	12.2	11.4	2/27	4.55	2.81	17.99	14.71	122
PROVO RIVER & UTAH LAKE											
Beaver Creek Divide	2/26	57	16.6	11.8	10.9a	2/29	4.70				
Camp Altamont	2/27	67	23.4	21.8	13.4						
Clear Creek Ridge #1	2/27	72	21.8	18.2e	15.6	2/28	6.10				
Clear Creek Ridge #2	2/27	58	14.0	14.6	11.8	2/27	4.01	2.48b	17.98	13.35b	135
Clear Creek Ridge #3	2/27	29	8.9	10.9	6.9						
Dutchman R.S.	2/28	81	28.2	20.8	14.4						
Hobble Creek Summit	2/27	60	17.0	15.6	12.3	2/27	7.32	--	21.79	14.49	150
Payson R.S.	2/27	62	18.4	15.2	16.5b	2/27	5.84	3.01	20.30	15.05	135
Soapstone R.S.	2/26	56	16.0	12.3	11.1	2/26	3.69	2.66	17.57	13.82	127
South Fork R.S.	2/28	22	7.2	10.4	6.1						
Timpanogos Cave Camp	2/28	3	1.2	5.4	2.4						
Timpanogos Divide	2/27	100	35.2	27.2	21.5	2/29	8.50	4.30	--	21.73	--
Trial Lake	2/26	100	30.4	22.3	20.0	2/26	7.40	3.87	28.05	20.07	140

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SNOW	THIS YEAR			PAST RECORD		PRECIPITATION (Inches)					
				Water Content (inches)		CURRENT INFORMATION			FROM APPROX OCT 1 TO DATE		
DRAINAGE BASIN and/or SNOW COURSE NAME	Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Last Year	Average +	Date of Reading	Month's Precipitation	Average +	This Year	Average +	Percent of Average
JORDAN RIVER & GREAT SALT LAKE											
Bevan's Cabin											
Lamb's Canyon #2	2/28	52	16.1	15.0	--	2/28	4.47	--	17.42	--	--
Middle Canyon	2/29	33	10.4	14.8	12.1	2/29	5.20	2.79	14.87	12.53	119
Mill Creek	2/28	54	16.8	15.8	--						
Mill D South Fork	2/29	57	17.5	17.3	17.1						
Mt. Dell Dam	--	--	--	--	--	3/3	3.35	1.77	--	11.14	--
Rock Basin-Settlement Canyon	--	--	--	--	--	--	--	--	--	--	--
Silver Lake (Brighton)	2/29	95	31.1	24.2	19.6	3/3	8.07	4.31	--	22.38	--
Snow Bird (Gad Valley)				34.2	--						
Vernon Creek	2/28	40	11.0	13.2	9.3a	2/28	6.50	--	19.00	12.76b	149
UPPER SEVIER RIVER (South of Richfield, Utah)											
Box Creek	3/1	53	15.0	22.2	10.7	--	--	--	--	11.10	--
Bryce Canyon	2/27	34	10.1	10.4	3.9						
Castle Valley	2/26	63	17.0	20.2	10.6	2/26	6.37	--	16.59	11.12	149
Duck Creek R.S.	3/2	70	20.2	25.0	10.7	3/2	9.74	2.35b	25.73	13.25	194
Farview	2/28	50	15.1	19.5	--						
Harris Flat	3/2	44	15.2	22.0	6.9						
Kimberly Mine	2/26	68	18.0	22.1	12.3	2/26	6.54	3.18b	19.82	14.38	138
Midway Valley	3/2	100	30.8	33.8	16.6	3/2	10.04	--	25.02	--	--
Panguitch Lake	2/26	28	7.4	11.4	3.8	2/26	4.17	--	9.72	6.51b	149
Rainbow Point	2/28	59	19.9	20.8	--						
Squaw Springs	3/1	40	10.7	11.8	6.1						
LOWER SEVIER RIVER (Including San Pitch River)											
Beaver Dams	2/27	42	12.0	14.5	9.6b	2/27	5.24	--	14.96	10.66	140
Farnsworth Lake	3/1	60	18.6	17.4	15.1	3/1	4.22	3.59	19.25	15.23	126
G.B.R.C. Headquarters	2/27	64	17.6	16.8	13.0	2/27	7.68	2.69	21.49	14.21	151
G.B.R.C. Majors	--	--	--	--	--	3/1	5.43	1.30	12.95	6.95	186
G.B.R.C. Meadows	2/27	83	25.2	21.0	18.6	2/27	8.90	3.59	24.88	17.57	142
G.B.R.C. Oaks	--	--	--	--	--	3/1	6.06a	1.88	14.86a	9.70	153
Gooseberry R.S.	3/1	37	10.6	12.2	10.1	3/1	2.87	2.38b	12.98	9.87b	131
Gooseberry Reservoir	--	--	--	--	--	2/27	7.89	--	23.60	--	--
Mammoth-Cottonwood Creek	2/28	77	23.1	22.0	17.4						
Middle Fork				22.4	--						
Mt. Baldy R.S.	2/27	88	26.0	26.0	18.6b	2/27	6.90	--	20.66	13.76	150
Oak Creek	2/28	54	15.3	14.9	--	2/28	--	--	22.82	--	--
Pickle Keg Springs	2/27	59	15.8	20.0	13.2a						
Pine Creek	2/26	56	16.8	16.8	13.1	2/26	4.85	--	18.12	18.53	98
Ree's Flat	2/27	51	14.6	12.3	10.3b	2/27	6.73	--	17.72	--	--
Shingle Mill	2/28	24	9.0	9.2	7.6	2/28	11.80	2.33b	24.70	12.58	196
Thistle Flat				15.8	--						
BEAVER RIVER											
Beaver Canyon Power House											
Beaver Race Track				0.5	--						
Big Flat	2/26	83	23.2	22.7	12.8	2/26	8.35	2.60	20.51	12.53	164
Merchant's Valley (Upper)	2/26	58	16.0	20.0	9.6b	2/26	6.97	2.11b	17.15	11.29	152
Otter Lake	2/26	74	20.0	22.0	9.9						
PAROWAN CREEK											
Birch Crossing	2/28	35	12.2	10.8	6.0b						
Brian Head	2/26	82	22.2	26.2	16.3b						
Tall Poles	2/28	60	18.3	19.6	11.5b	2/28	8.40	2.39b	20.25	11.87b	171
Yankee Reservoir	2/26	46	12.0	14.0	7.4	2/26	4.22	--	13.68	9.40b	146
ENTERPRISE TO NEW HARMONY DRAINAGES											
Little Grassy Creek	3/2	18	8.6	15.5	3.6	3/2	10.53	--	19.25	12.33b	156
Long Flat	3/2	33	11.7	12.8	5.6	3/2	6.84	--	17.01	9.23	184
COAL CREEK											
Cedar City Golf Course	2/28	0	--	1.0	--						
SUSC Ranch	2/28	45	16.3	16.2	7.5b						

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SNOW	THIS YEAR			PAST RECORD		PRECIPITATION (Inches)					
DRAINAGE BASIN and/or SNOW COURSE				Water Content (inches)		CURRENT INFORMATION			FROM APPROX. OCT. 1 TO DATE		
NAME	Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Last Year	Average +	Date of Reading	Month's Precipitation	Average +	This Year	Average +	Percent of Average
COLORADO RIVER DRAINAGE											
UPPER GREEN RIVER - UTAH											
Ashley-Twin Lakes (A)				15.9	--						
Black's Fork G.S.-East Fork	2/27	41	11.1	7.8	7.4	2/27	3.10	--	12.68	9.51	133
Black's Fork Junction	2/27	46	13.1	8.0	7.4	2/27	3.12	--	13.99	9.37	149
Buck Pasture (A)				14.2	--						
Burnt Creek	2/28	25	7.0	5.2	4.0b	2/28	2.00	1.23b	--	7.32b	--
Dutch John Junction	2/28	26	7.4	5.4	--						
Grizzly Ridge	2/28	51	14.8	11.5	8.0b	2/28	3.80	1.80b	16.25	10.55	154
Hewinta G.S.	2/27	43	12.1	8.0	7.3	2/27	3.00	--	14.40	10.06	143
Hickerson Park	2/27	38	10.4	6.2	5.0b	2/27	2.62	--	10.22	7.65b	134
King's Cabin (upper)	2/27	52	14.4	9.6e	8.1	2/27	--	--	14.15	9.24	153
Reynolds Park (A)				21.8							
Spirit Lake	2/27	51	14.7	11.7	9.7	2/27	3.85	--	14.90	11.04	135
Steel Creek Park	2/27	63	17.3	12.0	12.8b						
Trout Creek	2/27	47	13.1	11.2	--	2/27	3.33	--	14.60	--	--
Windy Park (A)				14.8	--						
DUCHESNE RIVER											
Atwood Lake (A)				23.0	--						
Brown Duck Ridge	2/26	82	22.6	18.9	14.1a	2/26	4.65	--	23.20	--	--
Chepeta-Whiterocks (A)	Not Measured			19.2	--						
Currant Creek	2/27	56	16.8	13.5	7.8a	2/27	5.54	--	18.99	--	--
Daniels-Strawberry Summit	2/27	67	19.8	16.0	12.3	2/27	6.45	3.10	24.31	15.13	161
East Portal	2/28	52	13.2	15.5	9.6	2/28	6.18	3.08	--	14.22	--
Five Points Lake (A)				17.3	--						
Indian Canyon	2/28	57	16.2	16.3	10.1	2/28	6.33	2.18	17.46	10.87	161
Jackson Park	2/26	65	18.6	13.1	--	2/26	3.55	--	17.05	--	--
Lakefork Basin (A)				18.6							
Lakefork Mountain	2/26	55	15.5	10.9	9.0	2/26	3.56	1.86	15.66	10.54	149
Lakefork Mountain #3	2/26	46	12.4	6.9	5.3						
Lightning Lake (A)				21.1	--	2/29	7.60				
Mosby Mountain	2/26	54	13.9	11.4	7.7	2/26	3.50	1.66b	15.60	10.53	148
Paradise Park	2/26	56	15.8	14.5	10.2	2/26	3.60	1.91b	13.45	11.27	119
Rock Creek Ranch	2/26	49	13.5	7.9	--	2/26	3.88	--	14.70	--	--
Strawberry Divide	2/28	71	21.6	21.8	16.5						
PRICE RIVER											
Dry Valley Divide Alternate	2/28	48	12.8	11.8	--						
Mud Creek	2/28	65	16.8	14.2	11.4	2/28	5.98	2.49	18.18	11.69	156
White River #1	2/28	55	15.4	17.4	11.3	2/28	4.66	--	15.65	11.08	141
White River #3	2/27	36	10.6	10.6	7.6						
SAN RAFAEL RIVER											
Buck Flat	2/27	73	19.2	17.6	13.3	2/27	7.17	3.21	20.47	14.50	141
Huntington-Horseshoe	2/28	77	24.2	23.0	--						
Orange Olsen	2/28	30	8.8	8.4	--	2/28	4.57	1.17b	11.67	6.39	183
Red Pine Ridge	2/28	69	18.2	16.0	14.3	2/28	7.55	3.48	20.13	16.25	129
Seeley Creek R.S.	2/27	60	19.2	14.2	13.4						
Stuart R.S.	2/28	47	13.2	10.4	--	2/28	5.55	--	13.99	--	--
Upper Joe's Valley	2/28	54	13.8	12.4	8.8						
Wrigley Creek	2/27	58	15.2	12.8	8.9						
MUDDY RIVER											
Black's Fork	2/27	56	15.9	14.0							
Dill's Camp	2/27	59	16.1	11.4	9.8a	2/27	6.03	--	16.43	--	--
FREMONT RIVER											
Black's Flat-U.M. Creek	3/1	44	12.4	14.2	8.9	3/1	3.91	--	13.66	9.64b	142
Fish Lake	3/1	29	7.8	13.2	6.6	3/1	3.26	1.15	23.60	7.50	315
Johnson Valley	3/1	37	10.0	11.6	5.6						

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SNOW	THIS YEAR			PAST RECORD		PRECIPITATION (Inches)					
						CURRENT INFORMATION			FROM APPROX. OCT 1 TO DATE		
DRAINAGE BASIN and/or SNOW COURSE NAME	Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Water Content (inches) Last Year	Water Content (inches) Average +	Date of Reading	Month's Precipitation	Average +	This Year	Average +	Percent of Average
SOUTHEASTERN UTAH DRAINAGES											
Buckboard Flat	2/26	63	19.7	23.5	8.8	2/26	7.36	--	--	15.18	--
Camp Jackson	2/26	74	22.8	24.5	10.3	2/26	9.90	--	--	14.27	--
LaSal Mountain (lower)	2/28	46	13.2	11.6	7.1						
LaSal Mountain (upper)	2/28	63	18.2	18.9	11.6b	2/28	6.08	--	17.08	11.04	155
Monticello City Park	2/27	13	4.6	9.2							
ESCALANTE RIVER											
Widtsoe-Escalante #3	3/2	49	13.9	20.0	8.3	3/2	5.51	2.08	15.66	9.67	162
VIRGIN RIVER											
Kolob-Crystal	3/2	95	28.5	30.0	17.3a						
Long Valley Junction	3/2	33	12.4	15.6	4.0						
Webster Flat	3/2	85	28.0	27.0	13.9	3/2	11.84	3.53	29.33	15.15	194

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

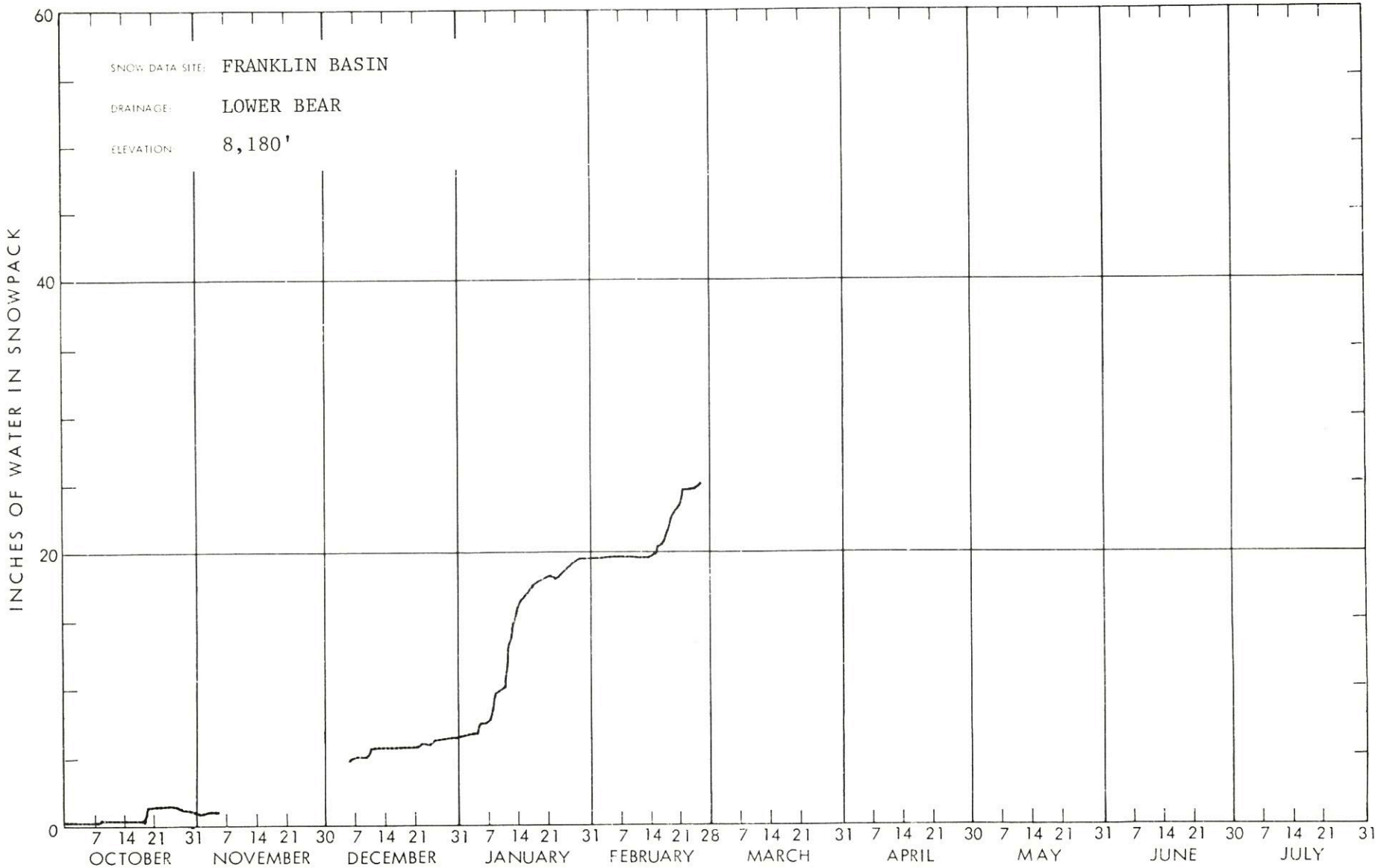
USDA-SCS-PORTLAND, OR 1977 M7-0-22027 D

+ 1958-1972 period

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	1007.9	1025.1	1030.6
	Woodruff Narrows	26.5	15.0e	17.6	20.5
Beaver River	Minersville (Rky Fd)	23.3	18.9	13.6	13.5
Little Bear	Hyrum	15.3	10.3	10.2	10.9
	Porcupine	11.3	2.8	4.3	3.6
	Causey	6.9	3.1	1.6	2.0b
	Pineview	110.1	73.5	48.0	49.9
Provo	Deer Creek	149.7	109.9	82.8	106.6
Settlement Creek	Settlement Creek	1.2	0.6	0.7	--
	Vernon Creek	0.6	0.6e	0.6	--
	Gunnison	18.2	18.2	12.4	14.0
	Otter Creek	52.5	46.8	23.3	33.1
	Piute	71.8	48.9	31.7	44.9
	Sevier Bridge	236.0	152.9	76.3	131.4
Spanish Fork	Strawberry	270.0	164.3	164.3	153.7
Utah Lake	Utah Lake	883.9	805.9	844.2	719.8
Weber	East Canyon	48.1	33.2	38.2	28.3
	Echo	73.9	52.7	66.1	51.7
	Lost Creek	20.0	14.0	15.0	13.2b
	Rockport	60.9	24.1	27.9	32.8
	Willard Bay	193.3	184.1	163.8	135.1
Ashley Creek	Steinaker	33.3	15.2	12.3	21.9
COLORADO RIVER BASIN					
Colorado	Blue Mesa	829.5	445.5	420.4	--
	Lake Powell	25002.0	21080.0	15126.0	--
Green	Flaming Gorge	3749.0	2440.2	2501.7	--
Lakefork	Moon Lake	35.8	9.0	7.0e	18.3
Price River	Scofield	65.8	44.7	41.0	35.8
San Juan	Navajo	1696.0	1101.0	1166.2	--
San Rafael	Huntington North	3.9	3.0	1.6	3.0b
	Joe's Valley	54.6	34.8	38.0	36.9b
	Mill Site	16.7	5.0e	5.9	--
Strawberry	Starvation	165.3	37.6	--	130.0b
Uintah	Bottle Hollow	11.3	10.4	9.5	9.9b

WSFB-X13C


SNOW DATA SITE: FRANKLIN BASIN
DRAINAGE: LOWER BEAR
ELEVATION: 8,180'
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
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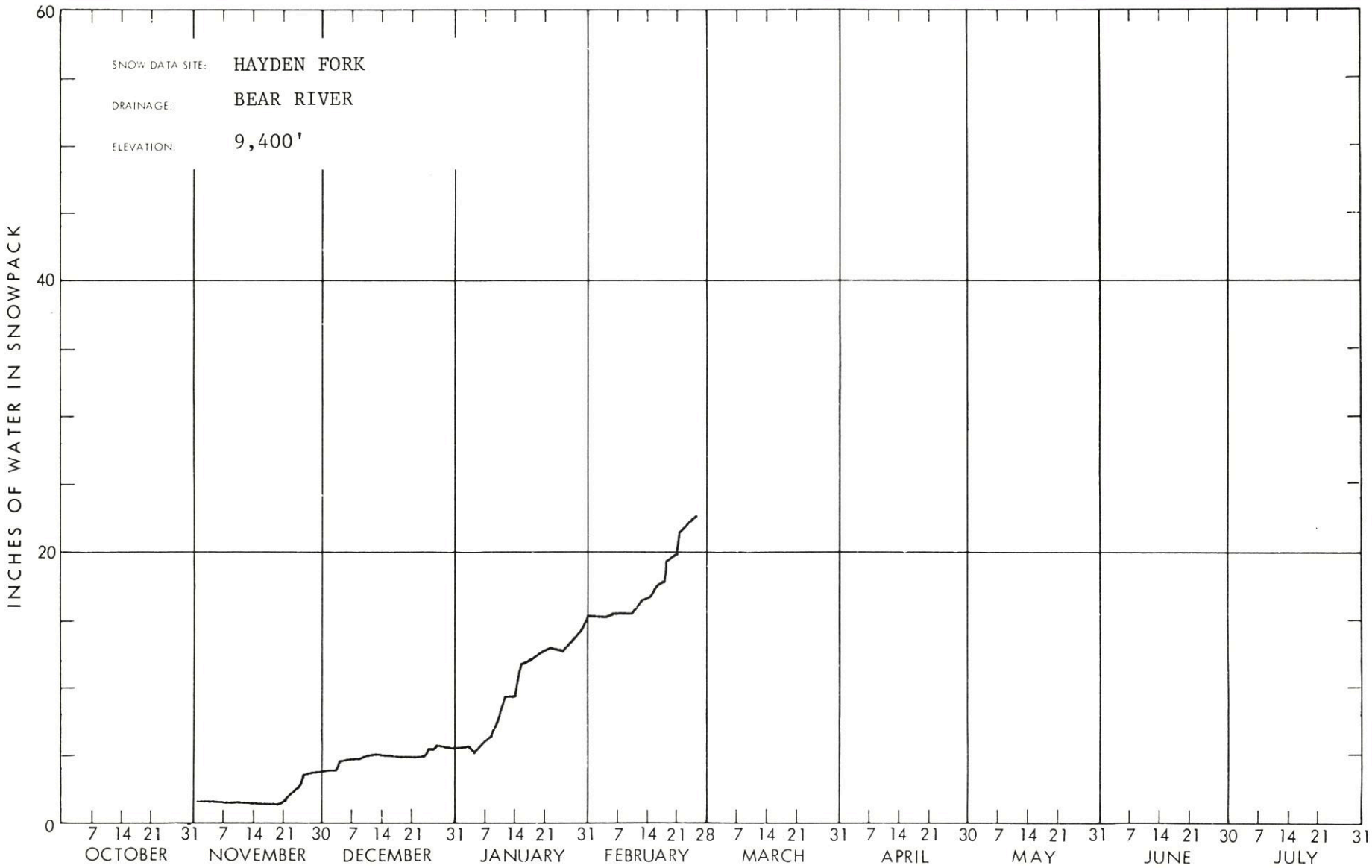
SNOW DATA SITE: HAYDEN FORK
DRAINAGE: BEAR RIVER
ELEVATION: 9,400'
INCHES OF WATER IN SNOWPACK
60
40
20
0
7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 31 7 14 21 28 7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 30 7 14 21 31
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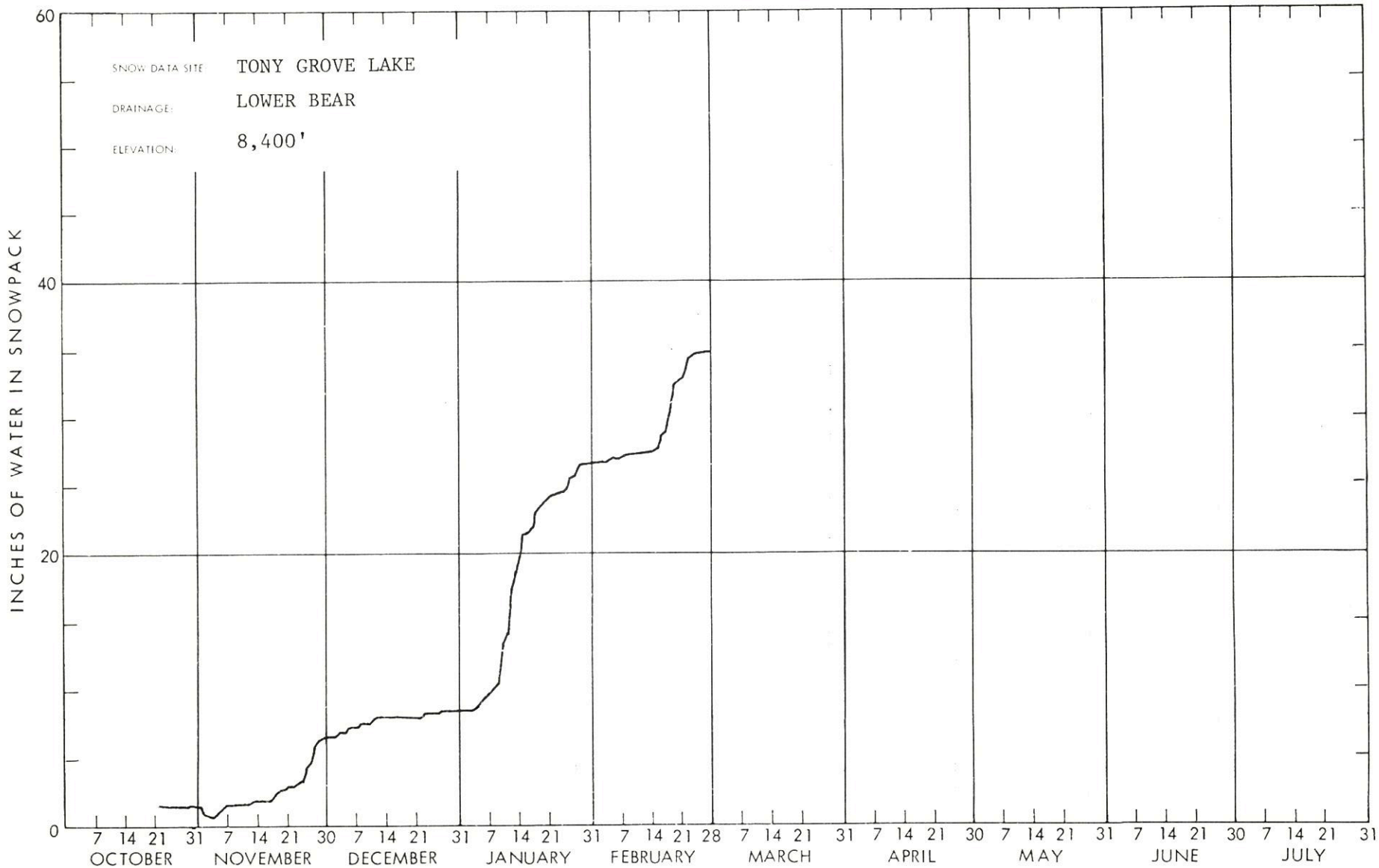
SNOW DATA SITE: TONY GROVE LAKE
DRAINAGE: LOWER BEAR
ELEVATION: 8,400'
INCHES OF WATER IN SNOWPACK
60
40
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0
7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 31 7 14 21 28 7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 30 7 14 21 31
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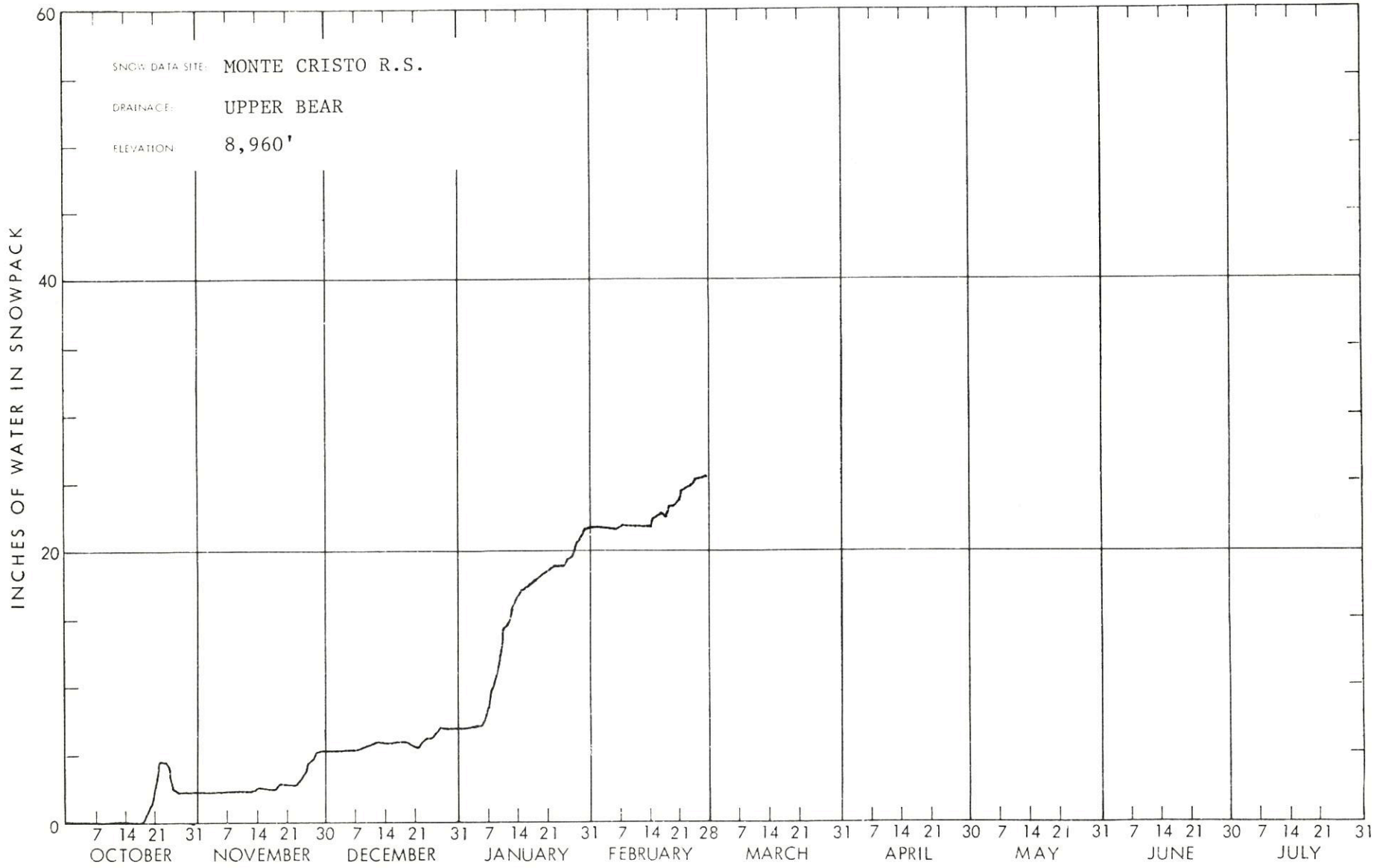
SNOW DATA SITE: MONTE CRISTO R.S.
DRAINAGE: UPPER BEAR
ELEVATION: 8,960'
INCHES OF WATER IN SNOWPACK
60
40
20
0
7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 31 7 14 21 28 7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 30 7 14 21 31
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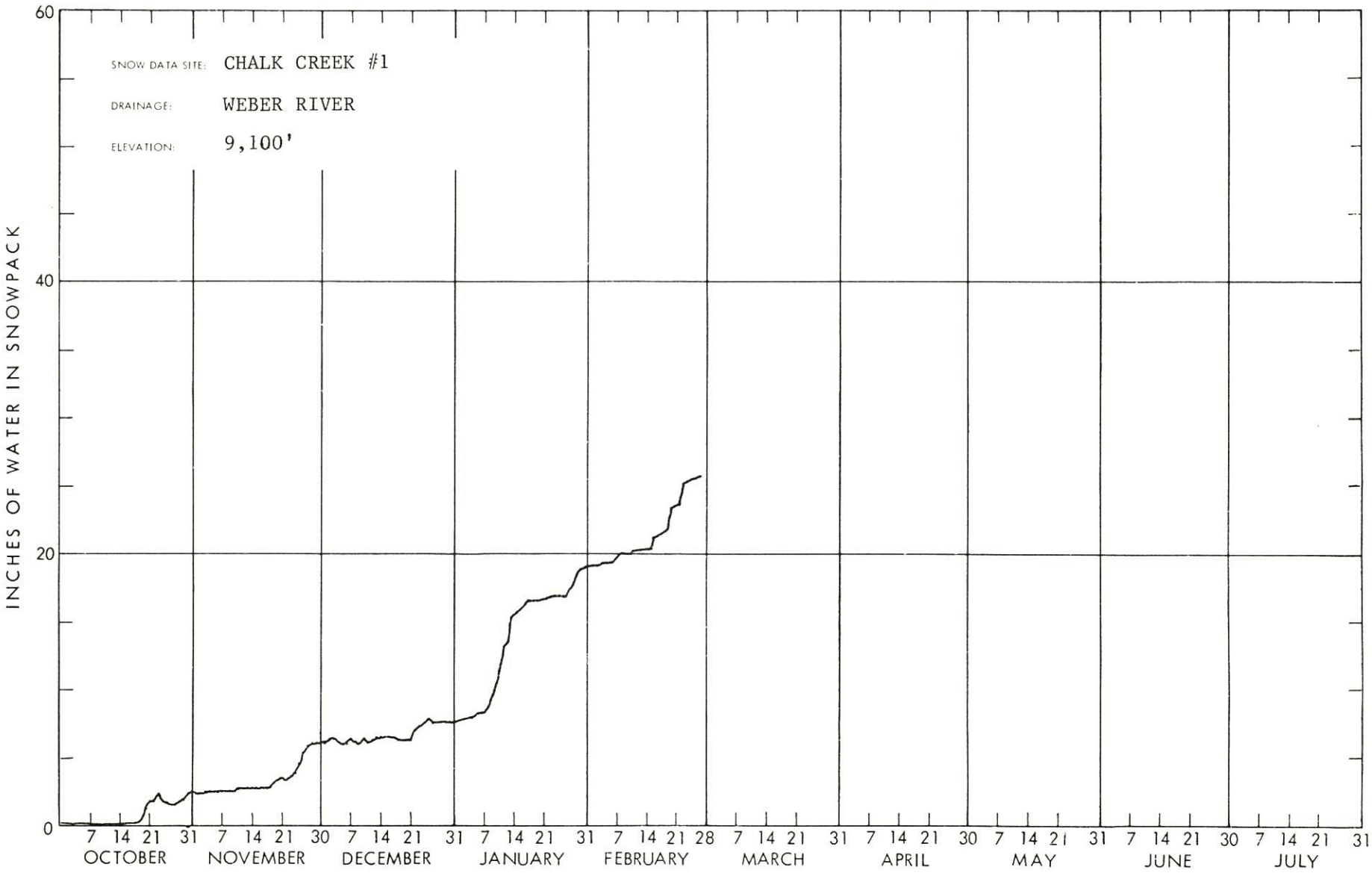
SNOW DATA SITE: CHALK CREEK #1
DRAINAGE: WEBER RIVER
ELEVATION: 9,100'
INCHES OF WATER IN SNOWPACK
60
40
20
0
7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 31 7 14 21 28 7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 30 7 14 21 31
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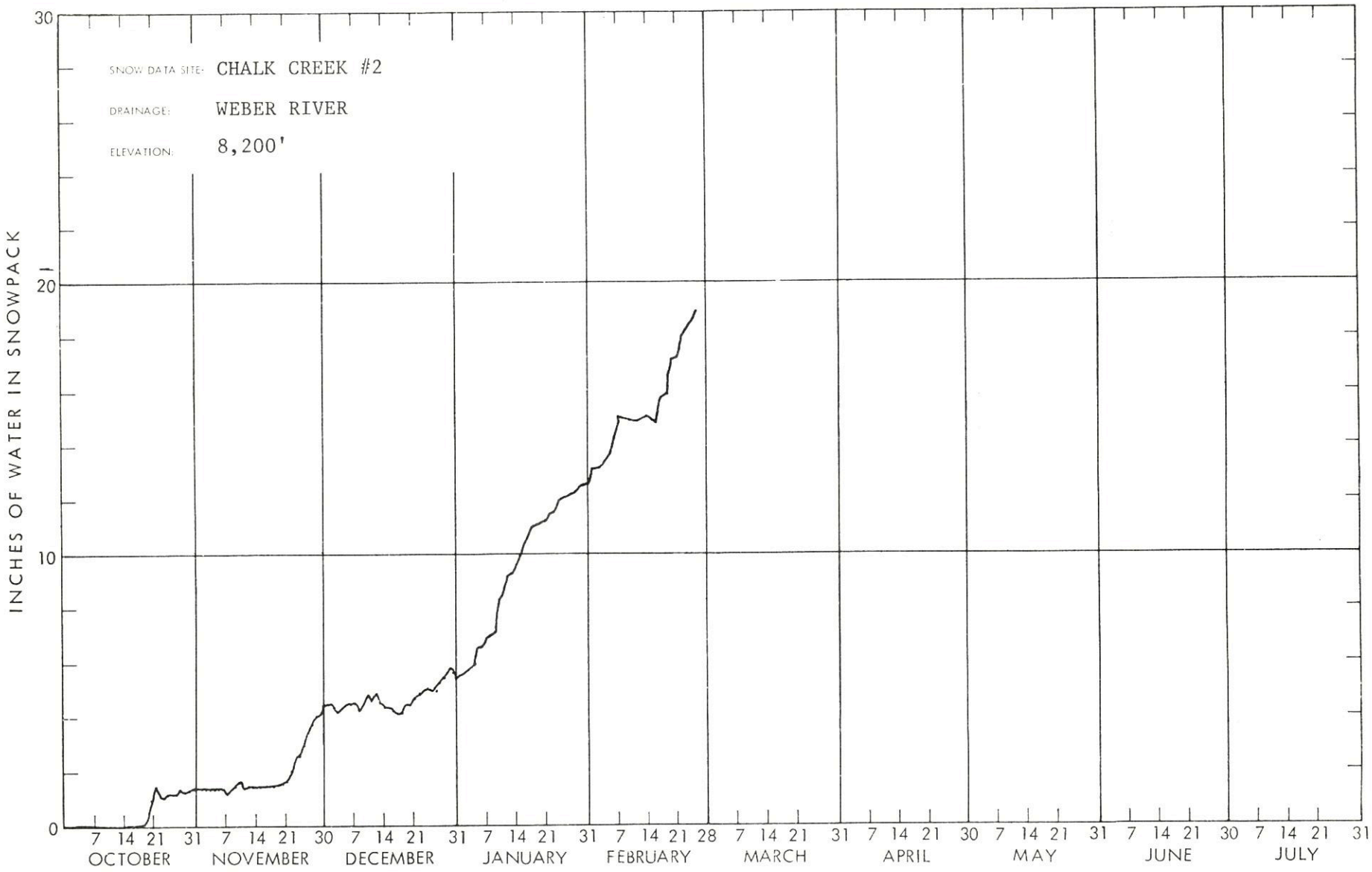
SNOW DATA SITE: CHALK CREEK #2
DRAINAGE: WEBER RIVER
ELEVATION: 8,200'
INCHES OF WATER IN SNOWPACK
30
20
10
0
7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 31 7 14 21 28 7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 30 7 14 21 31
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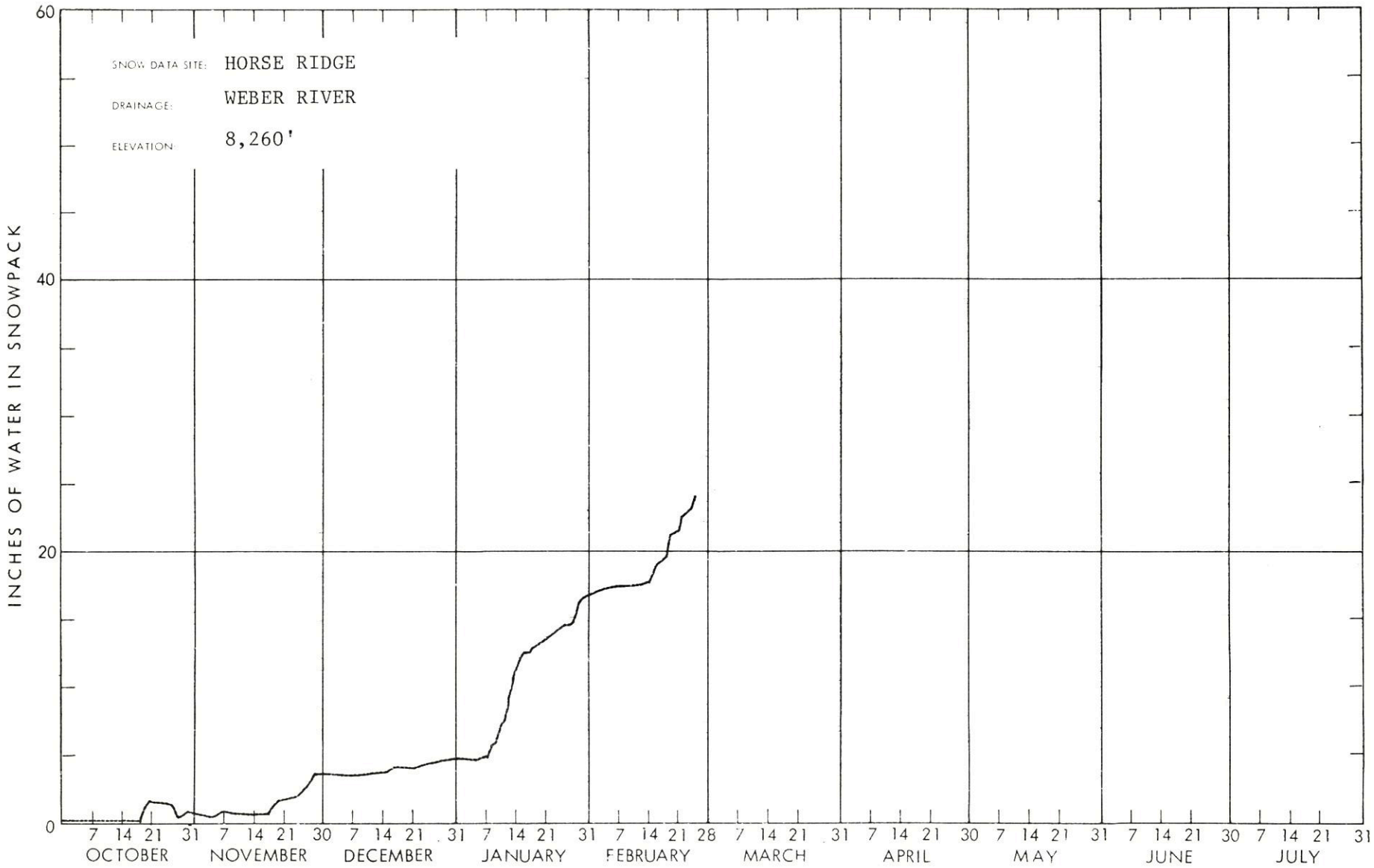
SNOW DATA SITE: HORSE RIDGE
DRAINAGE: WEBER RIVER
ELEVATION: 8,260'
INCHES OF WATER IN SNOWPACK
60
40
20
0
7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 31 7 14 21 28 7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 30 7 14 21 31
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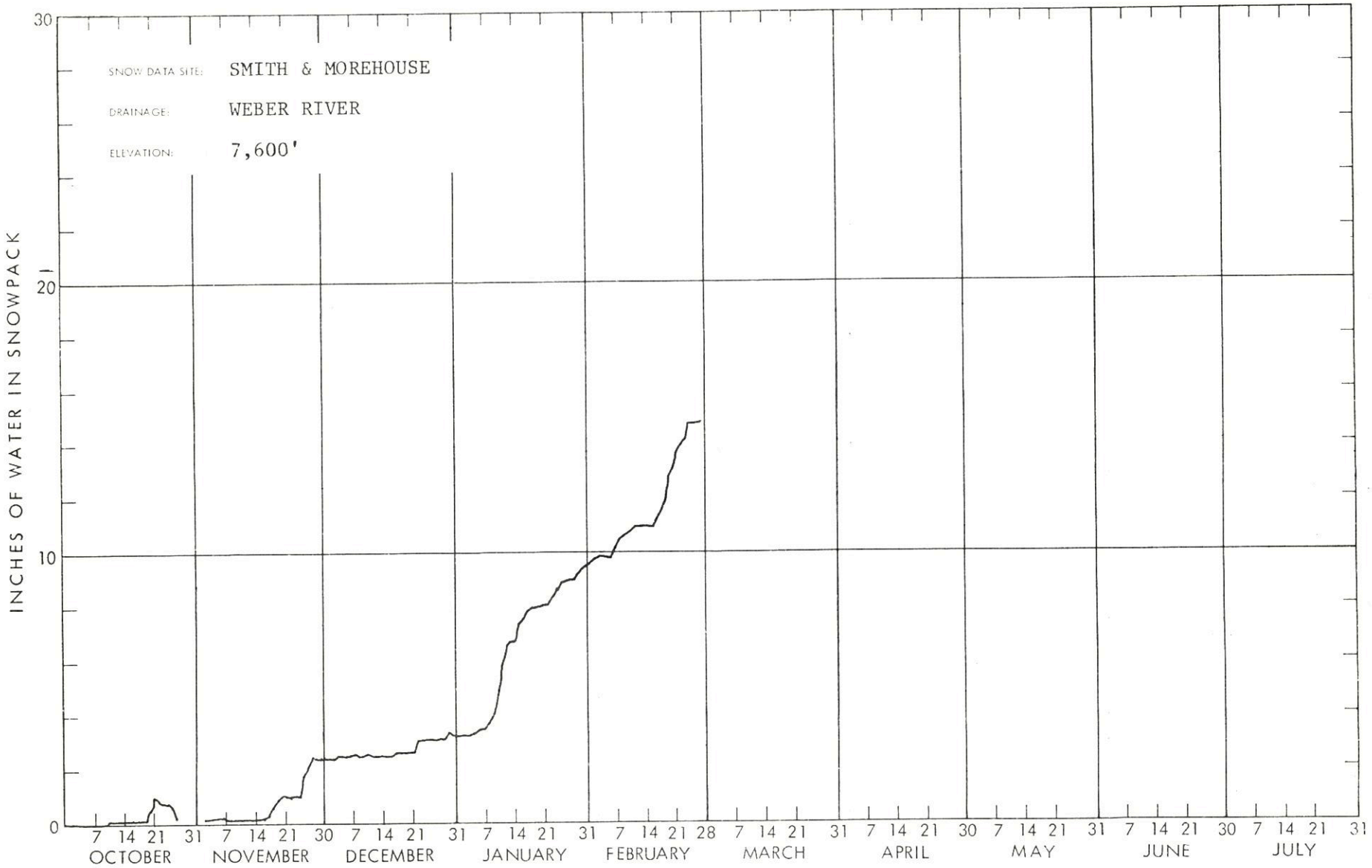
SNOW DATA SITE: SMITH & MOREHOUSE
DRAINAGE: WEBER RIVER
ELEVATION: 7,600'
INCHES OF WATER IN SNOWPACK
30
20
10
0
7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 31 7 14 21 28 7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 30 7 14 21 31
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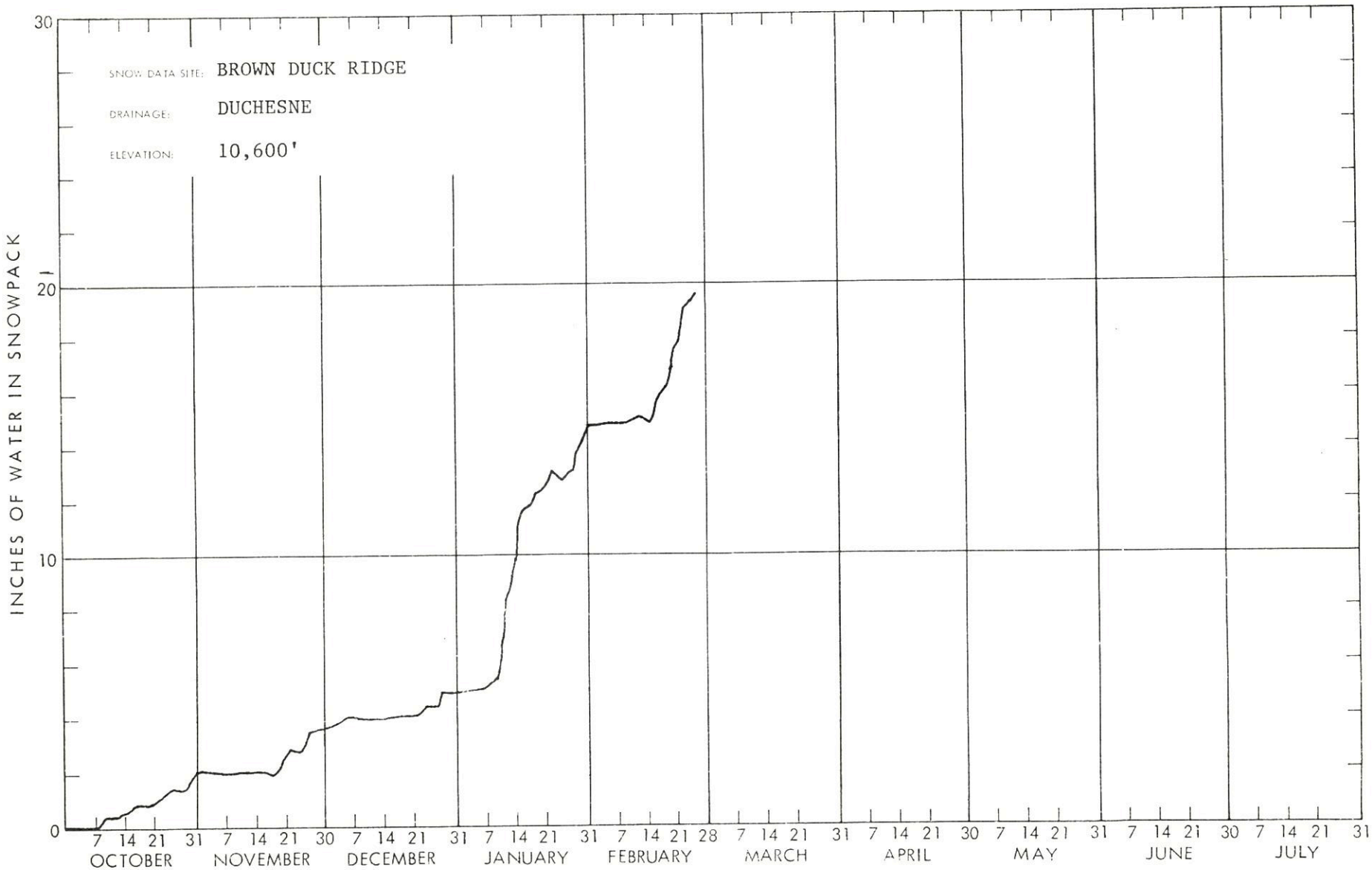
SNOW DATA SITE: BROWN DUCK RIDGE
DRAINAGE: DUCHESNE
ELEVATION: 10,600'
INCHES OF WATER IN SNOWPACK
30
20
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7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 31 7 14 21 28 7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 30 7 14 21 31
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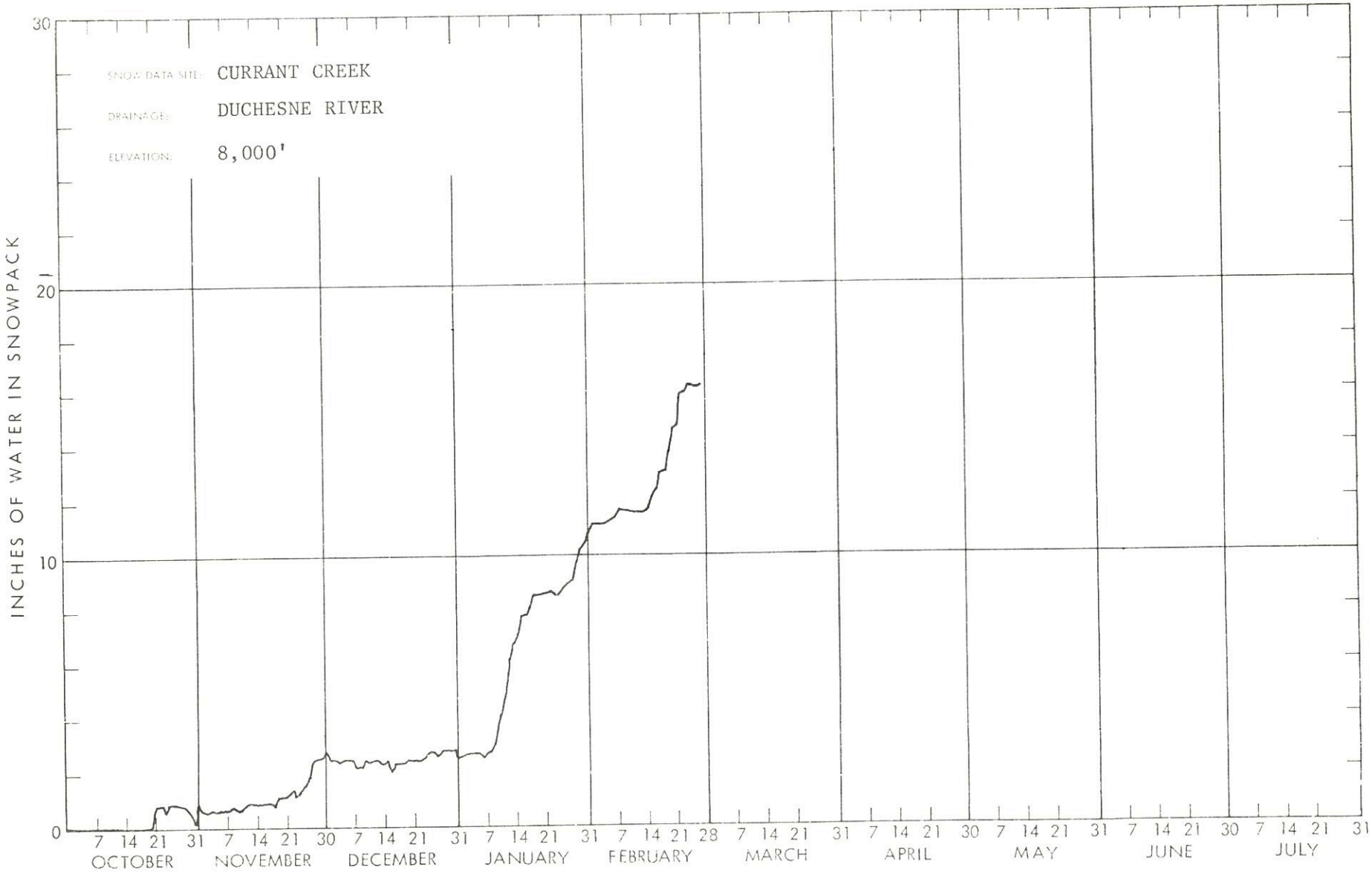
SNOW DATA SITE: CURRANT CREEK
DRAINAGE: DUCHESNE RIVER
ELEVATION: 8,000'
INCHES OF WATER IN SNOWPACK
30
20
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0
7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 31 7 14 21 28 7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 30 7 14 21 31
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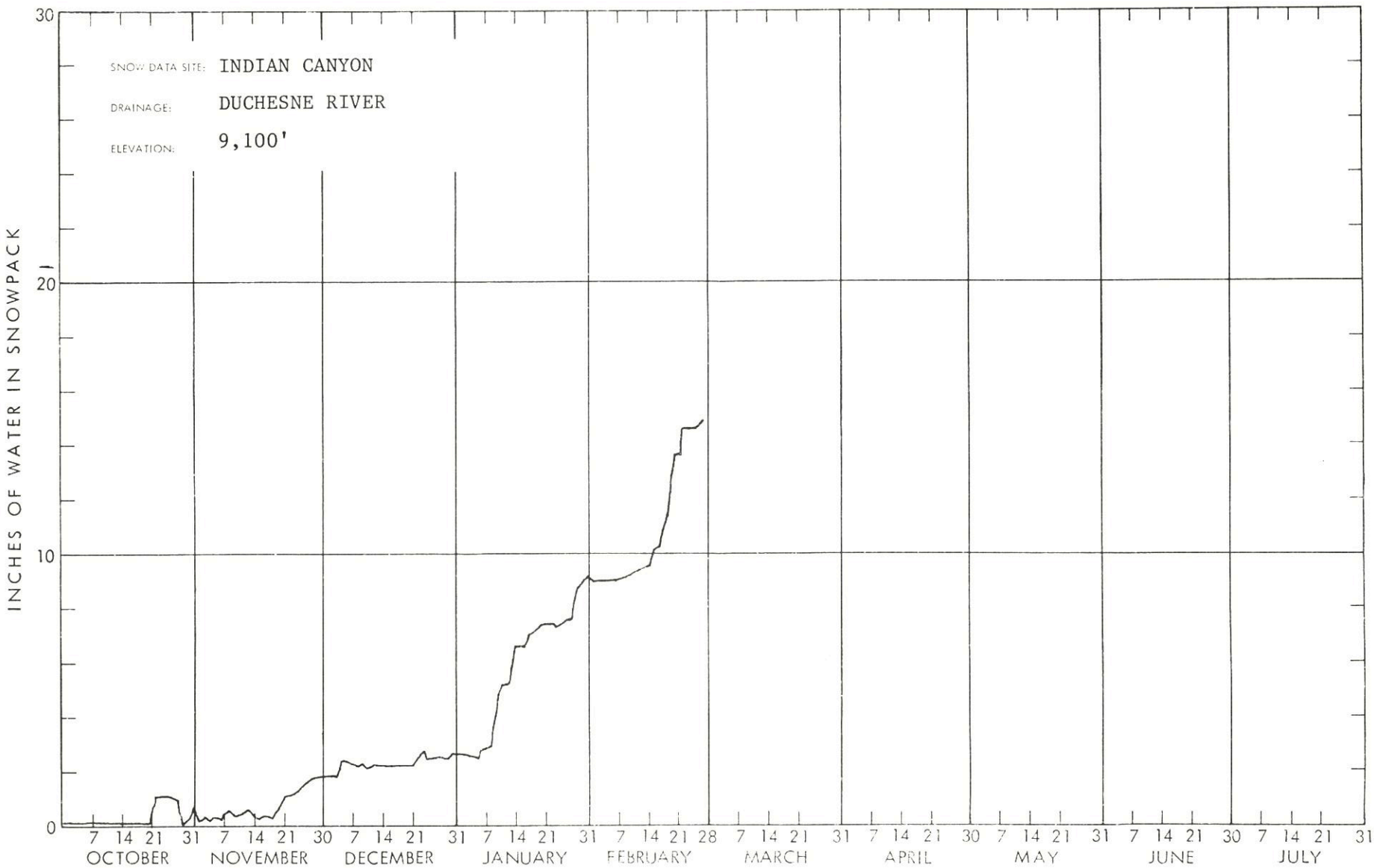
SNOW DATA SITE: INDIAN CANYON
DRAINAGE: DUCHESNE RIVER
ELEVATION: 9,100'
INCHES OF WATER IN SNOWPACK
30
20
10
0
7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 31 7 14 21 28 7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 30 7 14 21 31
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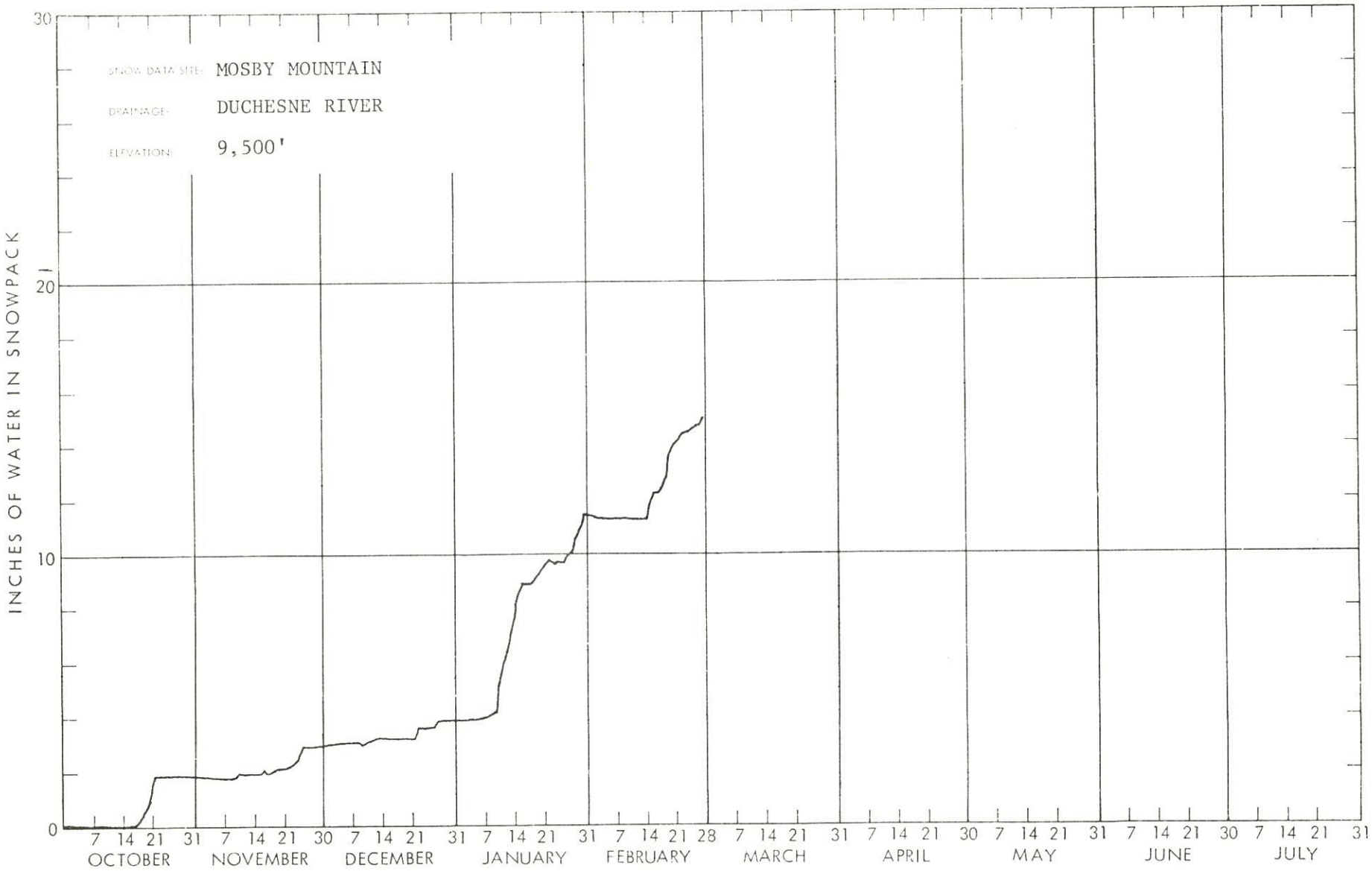
SNOW DATA SITE: MOSBY MOUNTAIN
DRAINAGE: DUCHESNE RIVER
ELEVATION: 9,500'
INCHES OF WATER IN SNOWPACK
30
20
10
0
7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 31 7 14 21 28 7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 30 7 14 21 31
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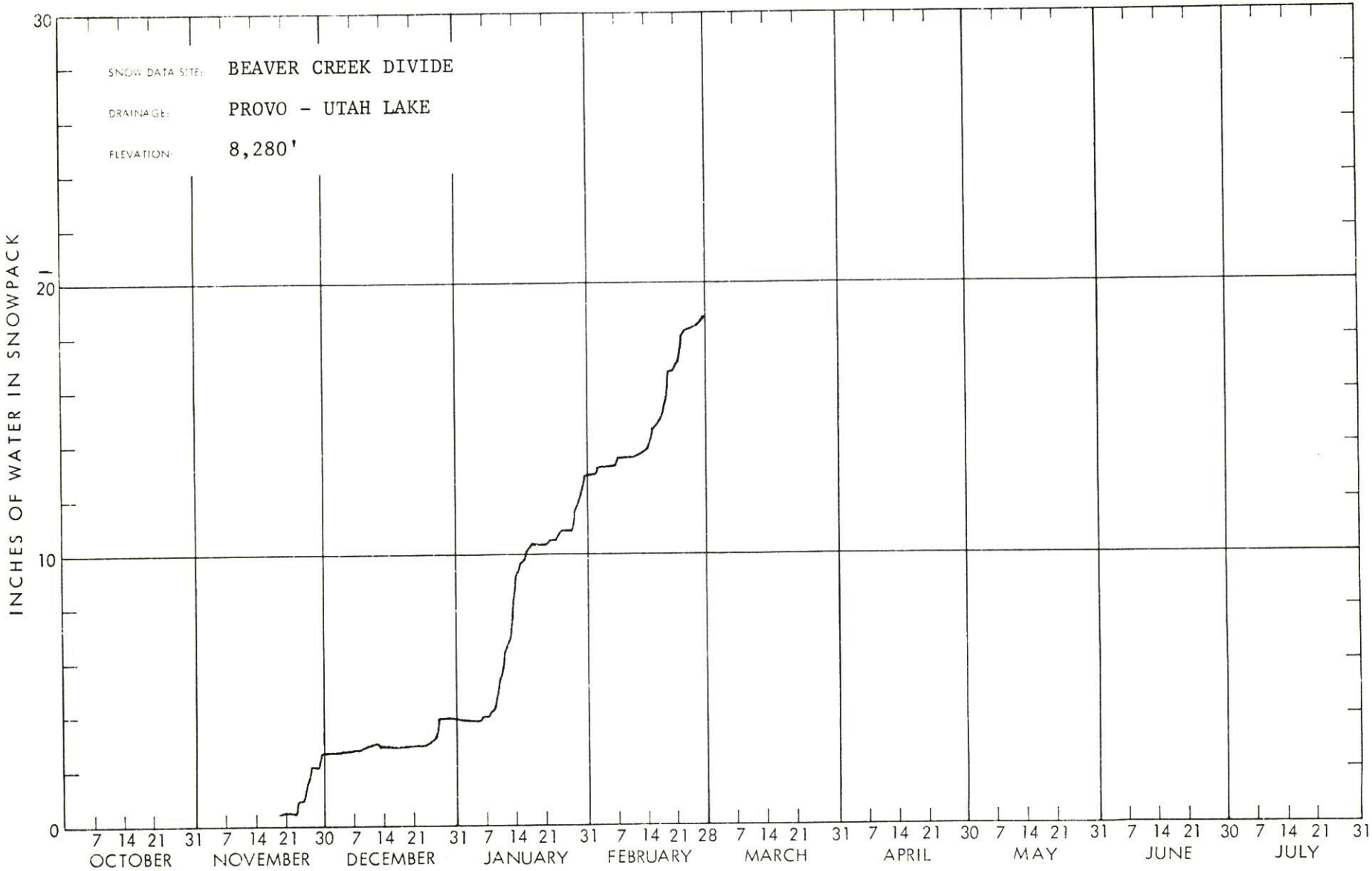
SNOW DATA SITE: BEAVER CREEK DIVIDE
DRAINAGE: PROVO - UTAH LAKE
ELEVATION: 8,280'
INCHES OF WATER IN SNOWPACK
30
20
10
0
7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 31 7 14 21 28 7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 30 7 14 21 31
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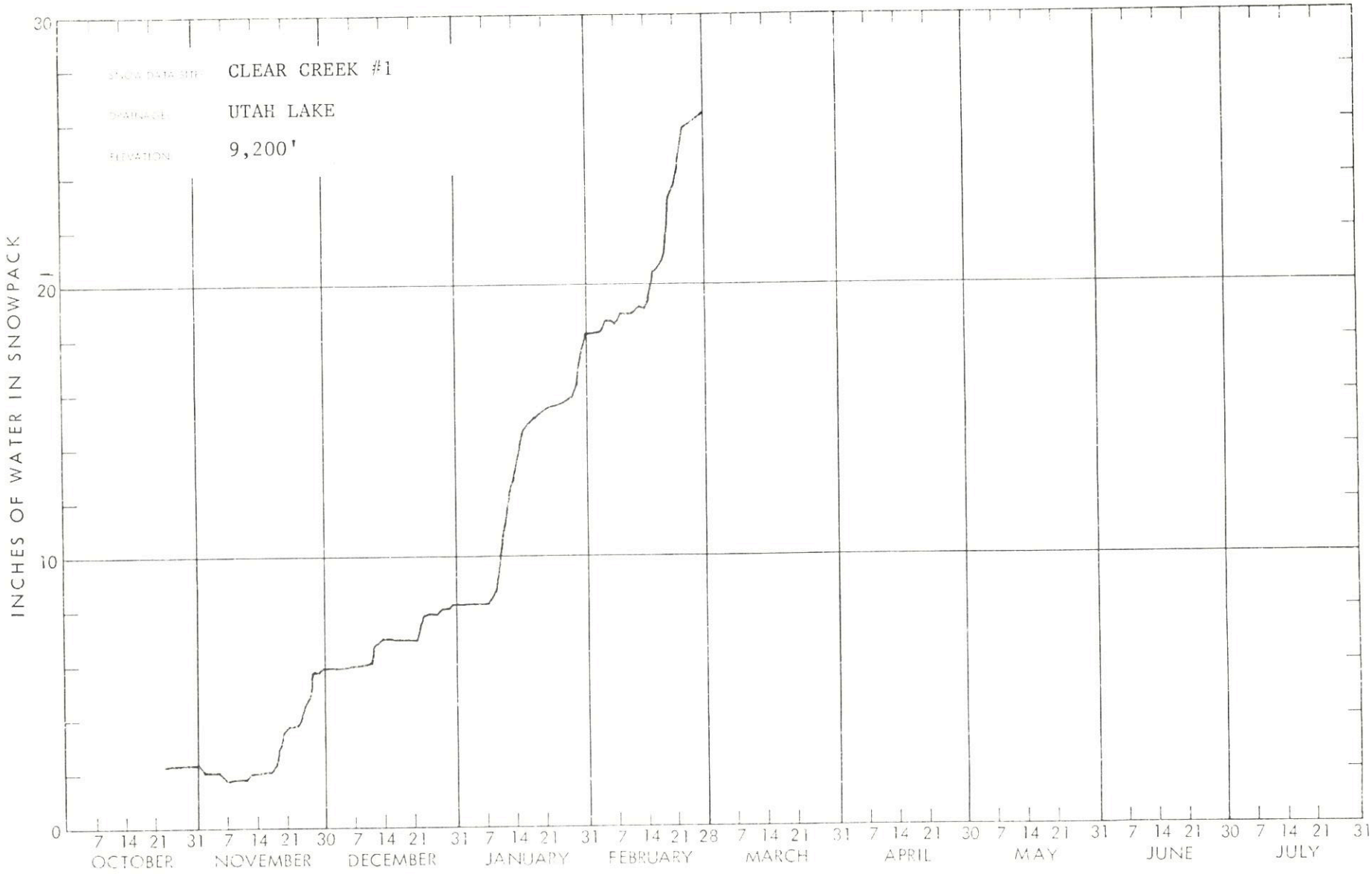
CLEAR CREEK #1
UTAH LAKE
9,200'
INCHES OF WATER IN SNOWPACK
30
20
10
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7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 31 7 14 21 28 7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 30 7 14 21 31
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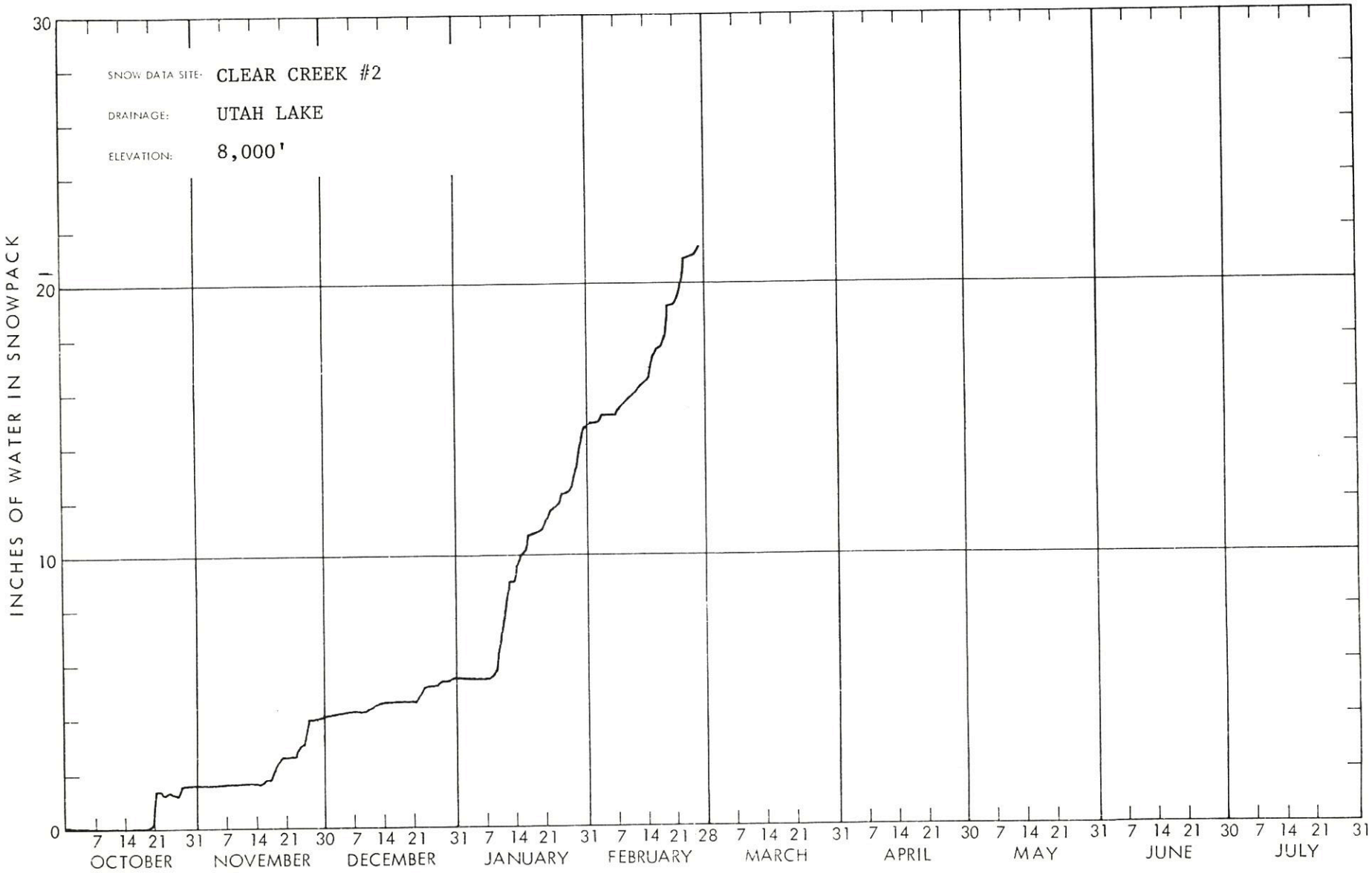
SNOW DATA SITE: CLEAR CREEK #2
DRAINAGE: UTAH LAKE
ELEVATION: 8,000'
INCHES OF WATER IN SNOWPACK
30
20
10
0
7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 31 7 14 21 28 7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 30 7 14 21 31
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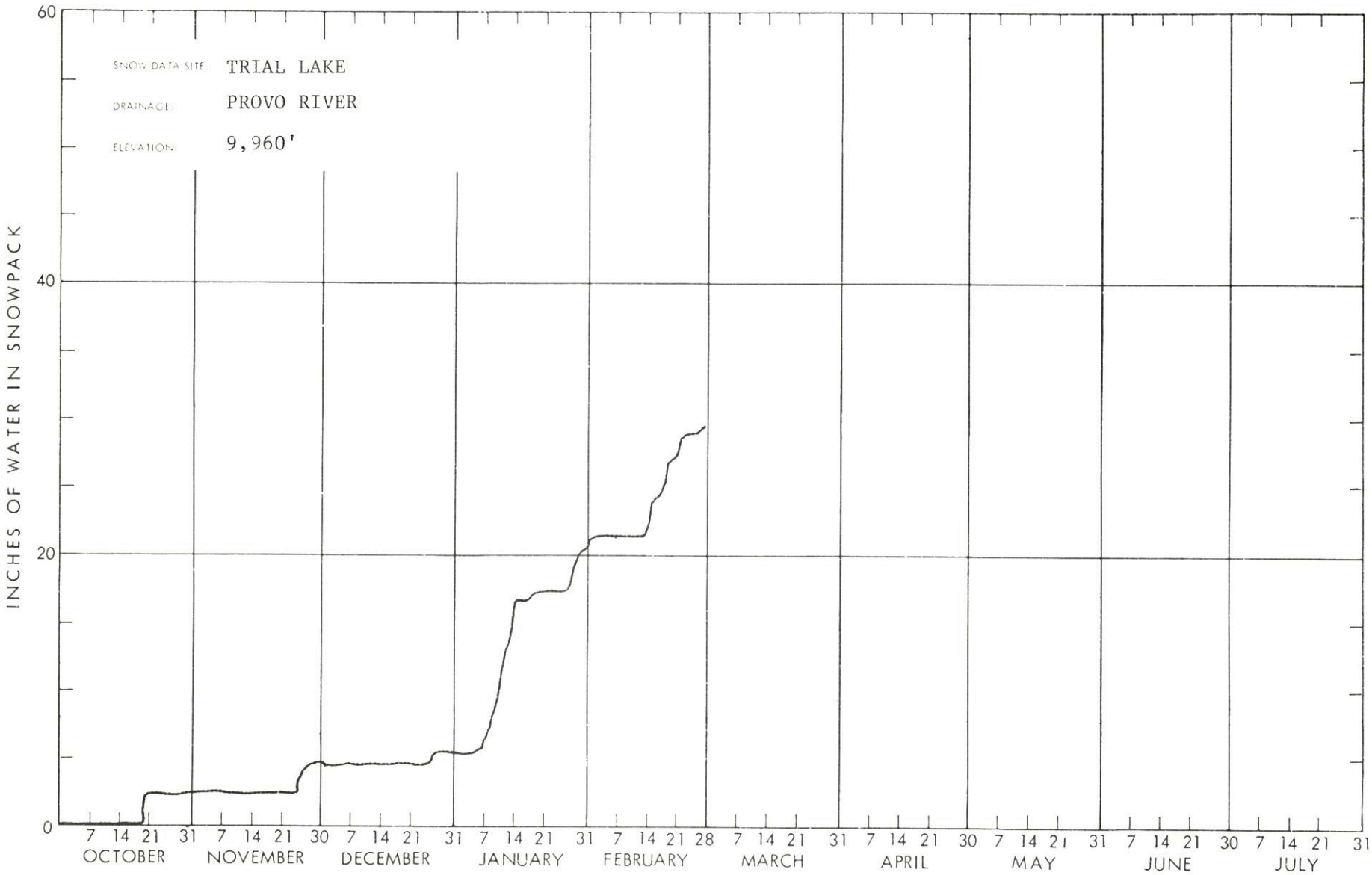
SNOW DATA SITE: TRIAL LAKE
DRAINAGE: PROVO RIVER
ELEVATION: 9,960'
INCHES OF WATER IN SNOWPACK
60
40
20
0
7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 31 7 14 21 28 7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 30 7 14 21 31
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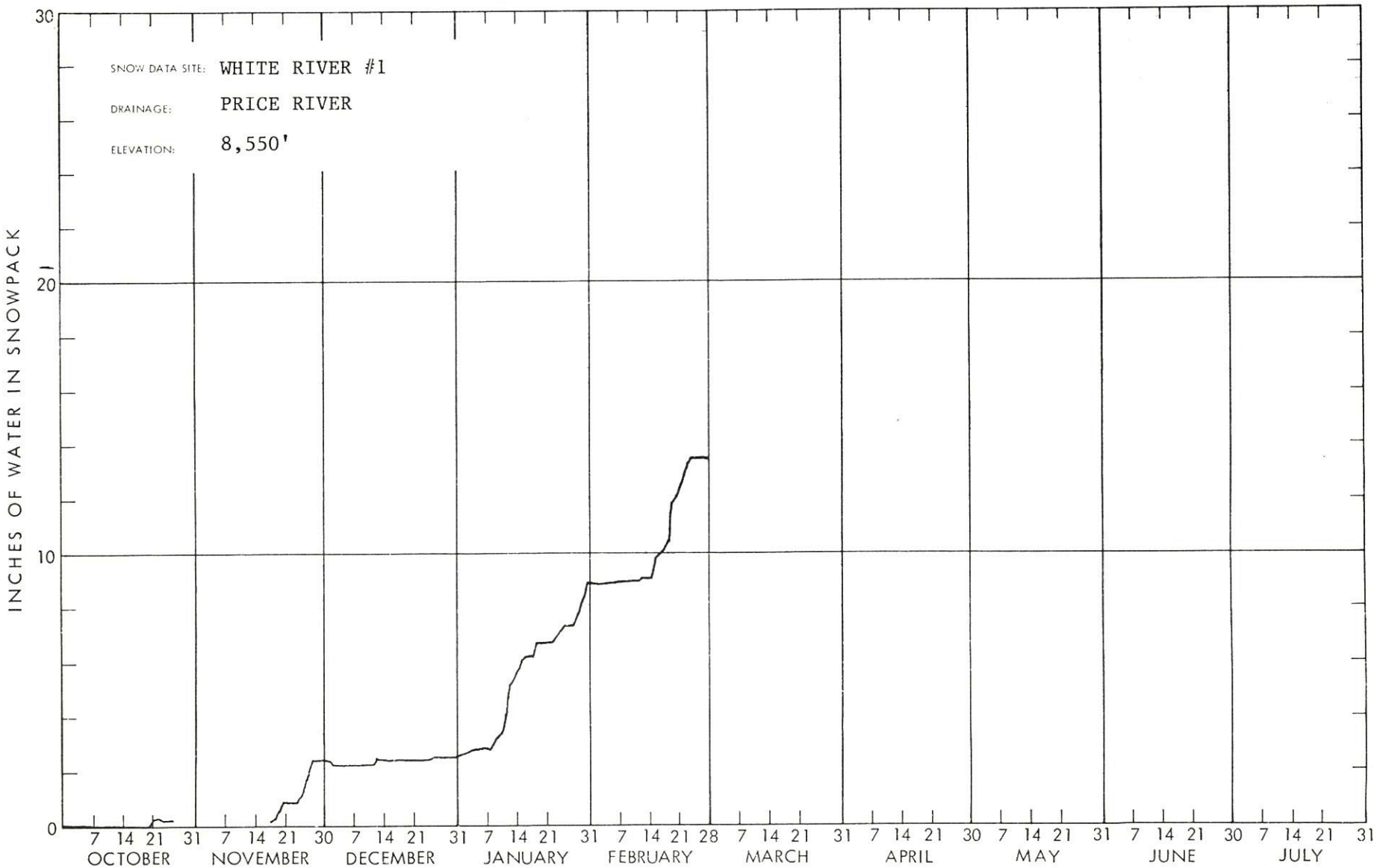
SNOW DATA SITE: WHITE RIVER #1
DRAINAGE: PRICE RIVER
ELEVATION: 8,550'
INCHES OF WATER IN SNOWPACK
30
20
10
0
7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 31 7 14 21 28 7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 30 7 14 21 31
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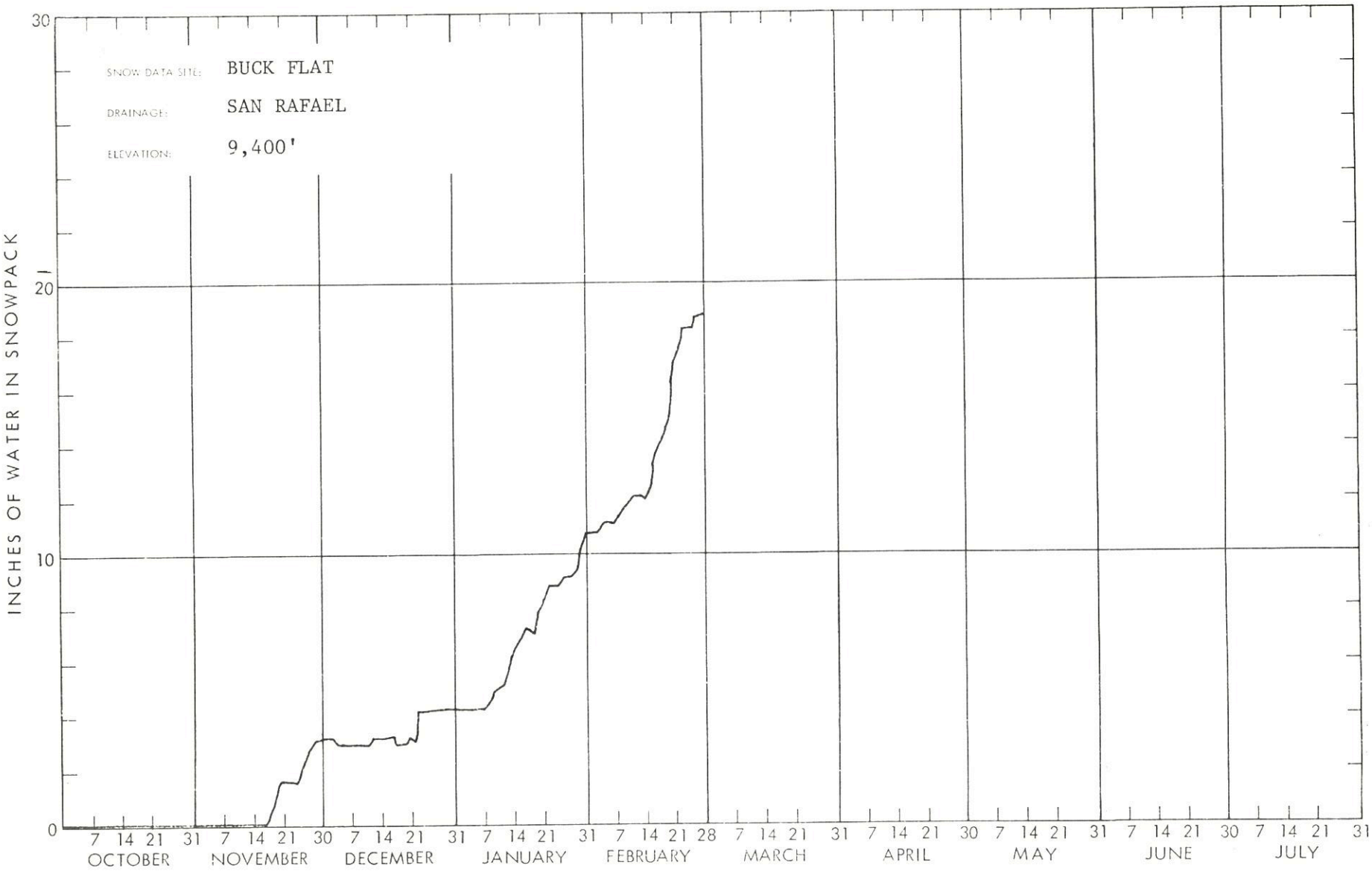
SNOW DATA SITE: BUCK FLAT
DRAINAGE: SAN RAFAEL
ELEVATION: 9,400'
INCHES OF WATER IN SNOWPACK
30
20
10
0
7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 31 7 14 21 28 7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 30 7 14 21 31
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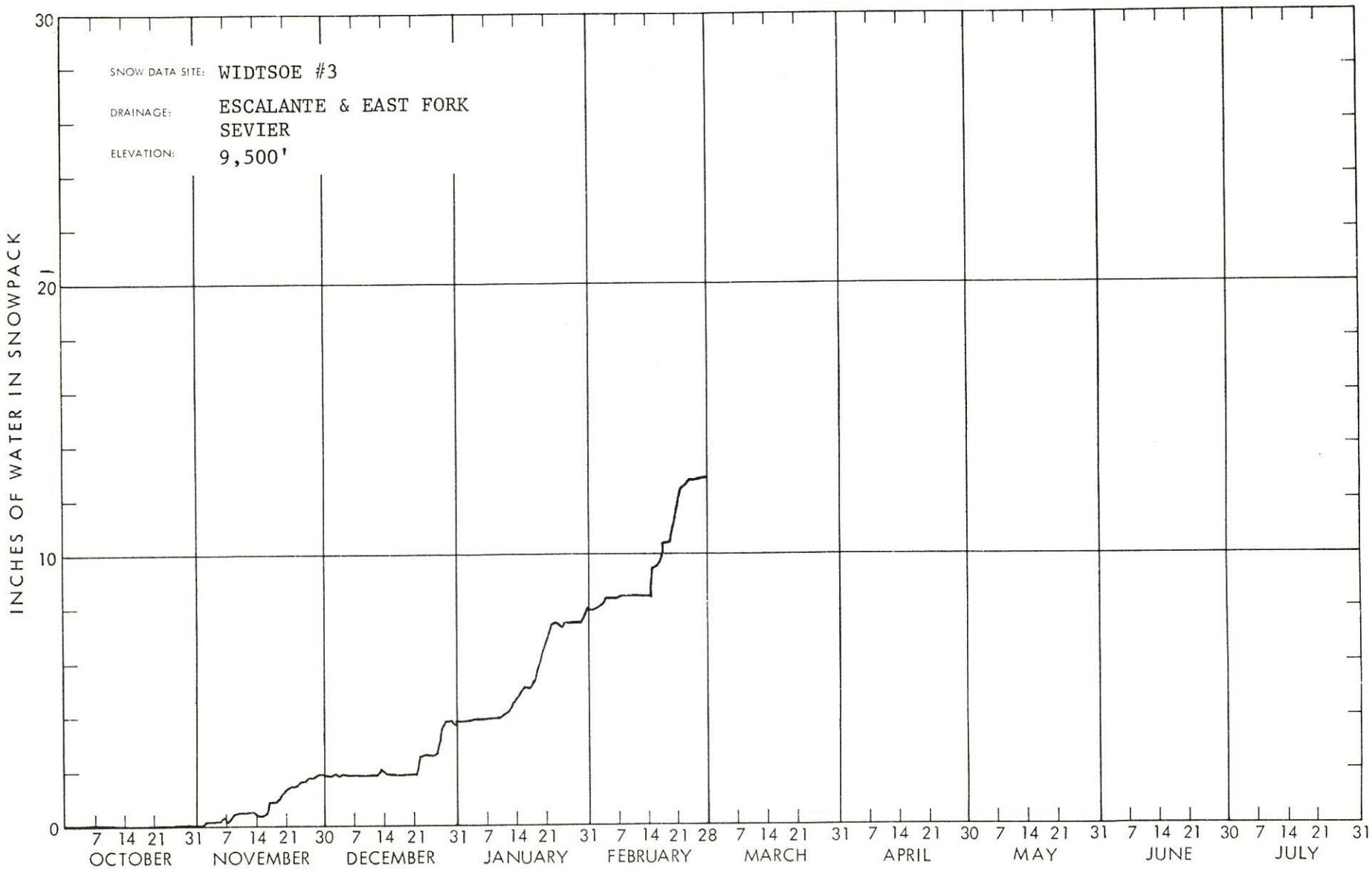
SNOW DATA SITE: WIDTSOE #3
DRAINAGE: ESCALANTE & EAST FORK SEVIER
ELEVATION: 9,500'
INCHES OF WATER IN SNOWPACK
30
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7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 31 7 14 21 28 7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 30 7 14 21 31
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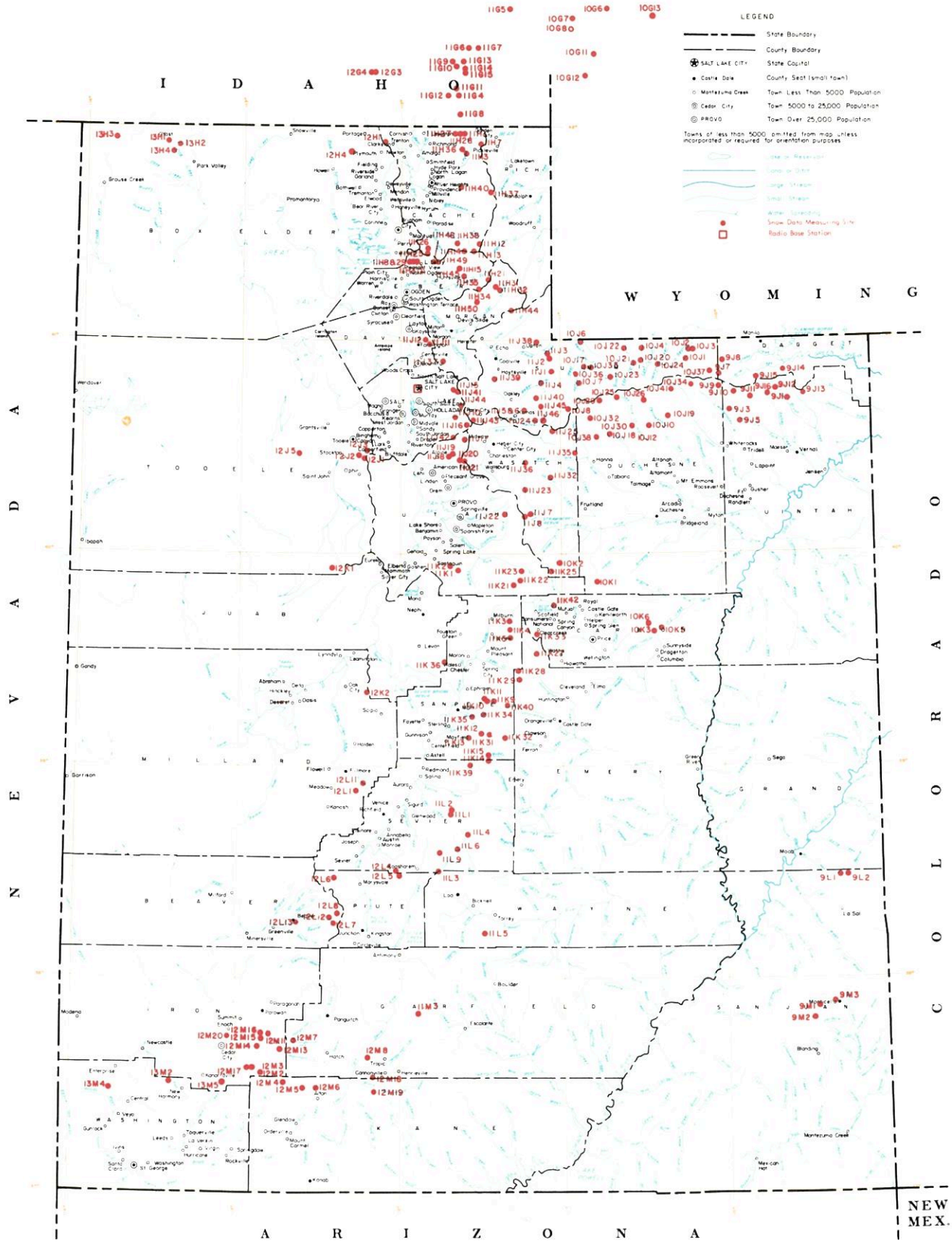


SNOW COURSES AND RELATED DATA MEASURING SITES

UTAH

1980

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 1979 M7-01-42021

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
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

NO	STATE	NAME	SEC	TWP	RGE	ELEV
		PROVO RIVER & UTAH LAKE (continued)				
11J25P	U	Soapstone R.S.	9	3S	8E	7,800
11J19	U	South Fork R.S.	24	4S	2E	6,100
11J18	U	Timpanogos Cave Camp	27	4S	2E	5,500
11J21PST	U	Timpanogos Divide	33	4S	3E	8,140
10J8PST	U	Trial Lake	5	2S	9E	9,960
		JORDAN RIVER & GREAT SALT LAKE				
12J2	U	Bevan's Cabin	24	4S	4W	6,450
12J5P	U	Deseret Peak	15	4S	7W	9,250
11J41P	U	Lamb's Canyon #2	21	1S	3E	7,500
12J3P	U	Middle Canyon	8	4S	3W	7,000
11J44	U	Mill Creek	25	1S	2E	6,950
11J10	U	Mill D South Fork	18	2S	3E	7,400
12J1P	U	Rocky Basin-Settlement Canyon	30	4S	3W	8,900
11J16P	U	Silver Lake (Brighton)	35	2S	3E	8,725
11J42	U	Snow Bird (Gad Valley)	18	3S	3E	9,700
12K1PST	U	Vernon Creek	21	10S	5W	7,500
		UPPER SEVIER RIVER (South of Richfield, Utah)				
12L4PST	U	Box Creek	33	26S	2W	9,300
12M8	U	Bryce Canyon	36	36S	4W	8,000
12M13PST	U	Castle Valley	23	36S	8W	9,580
12M4P	U	Duck Creek R.S.	11	38S	8W	8,700
12M18	U	Farview	32	37S	4W	8,200
12M5PST	U	Harris Flat	24	38S	7W	7,700
11L9p	U	High-Top Mountain	36	25S	1E	11,400
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
		UPPER GREEN RIVER IN UTAH (above Duchesne River) (continued)				
9J1PST	U	King's Cabin (upper)	22	1S	21E	8,730
10J37p	U	McCoy Park	6	1N	17E	10,680
10J2	U	Middle Beaver Creek	31	3N	16E	8,650
9J10aP	U	Reynolds Park	9	1S	18E	10,400
9J7P	U	Spirit Lake	10	1N	17E	10,300
10J20PST	U	Steel Creek Park	17	2N	13E	10,100
9J16PST	U	Trout Creek	9	1S	20E	9,400
9J12ap	U	Windy Park	2	1S	20E	9,400
		DUCHESNE RIVER				
10J41ap	U	Atwood Lake	13	4N	4W	10,840
10J30PST	U	Brown Duck Ridge	8	2N	6W	10,600
9J9ap	U	Chepeta-Whiterocks Lakes	3	4N	1W	10,350
11J32MPST	U	Currant Creek	26	1S	11W	8,000
11J23MPST	U	Daniels-Strawberry Summit	20	2S	12W	8,000
11J7P	U	East Portal	36	7S	6E	7,560
10J26ap	U	Five Point Lake	28	4N	5W	11,000
10K1PST	U	Indian Canyon	2	11S	10E	9,100
10J19P	U	Jackson Park	25	3N	4W	10,600
10J34p	U	Kidney Lake	28	5N	3W	11,000
10J25ap	U	Lakefork Basin	13	4N	7W	11,100
10J10PST	U	Lakefork Mountain	2 & 3	2N	5W	10,200
10J12	U	Lakefork Mountain #3	20	2N	4W	8,400
10J29ap	U	Lightning Lake	23	4N	8W	10,500
9J5PST	U	Mosby Mountain	33	3N	1E	9,500
9J3P	U	Paradise Park	7	3N	1E	10,100
10J18P	U	Rock Creek	21	2N	7W	7,900
10J32p	U	Shadow Lake	29	3N	8W	10,150
11J8PST	U	Strawberry Divide	2	4S	12W	8,400
11J35P	U	West Fork of the Duchesne	22	1N	11W	9,480
		PRICE RIVER				
10K5M	U	Corral	32	13S	14E	8,200
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	Snotel Data Site

Water Supply Outlook For Utah

SOIL CONSERVATION SERVICE
U.S. DEPARTMENT OF AGRICULTURE

Cooperating with

UTAH STATE DEPARTMENT of NATURAL RESOURCES

AS OF
APR. 1, 1980

USDA SCS PORTLAND, OR 1979

WATER SUPPLY OUTLOOK FOR UTAH

and

FEDERAL - STATE - PRIVATE COOPERATIVE SNOW SURVEYS

Issued by

NORMAN A. BERG

ADMINISTRATOR
SOIL CONSERVATION SERVICE
WASHINGTON, D.C.

Released by

GEORGE D. McMILLAN

STATE CONSERVATIONIST
SOIL CONSERVATION SERVICE
SALT LAKE CITY, UTAH

In Cooperation with

UTAH STATE DEPT. OF NATURAL RESOURCES

DEE C. HANSEN
State Engineer
Division of Water Rights

DANIEL F. LAWRENCE
Director
Division of Water Resources

Report prepared by

BOB L. WHALEY, Snow Survey Supervisor
DAVID A. JOHNCOX, Hydrologic Technician
and
JOAN E. OLSEN, Clerk

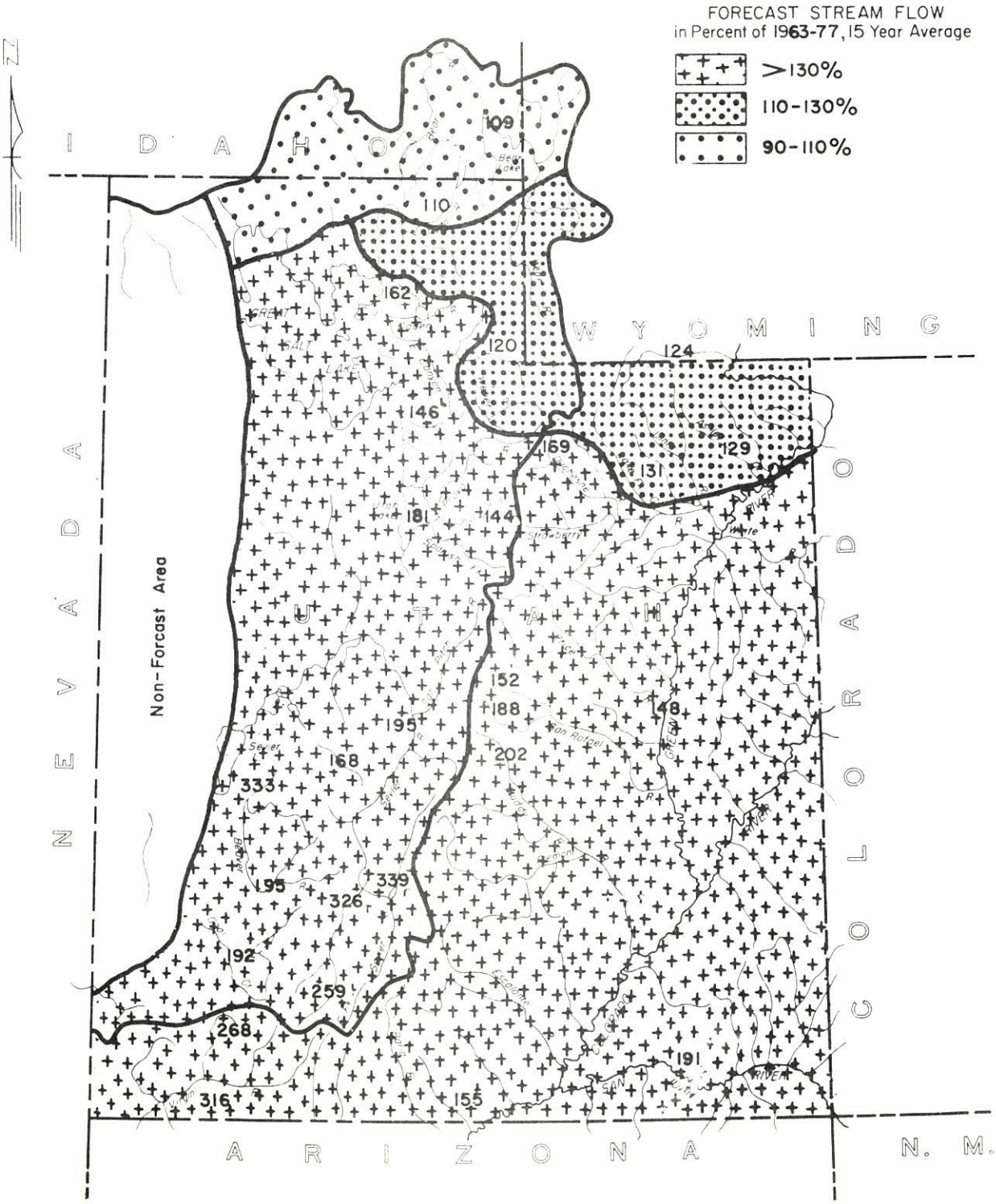
SOIL CONSERVATION SERVICE
SNOW SURVEY SECTION
4420 FEDERAL BUILDING
SALT LAKE CITY, UTAH 84138

PROSPECTIVE WATER SUPPLIES

Based on Snow Surveys Made on UTAH and BEAR RIVER WATERSHEDS

April 1, 1980

Approximate Date



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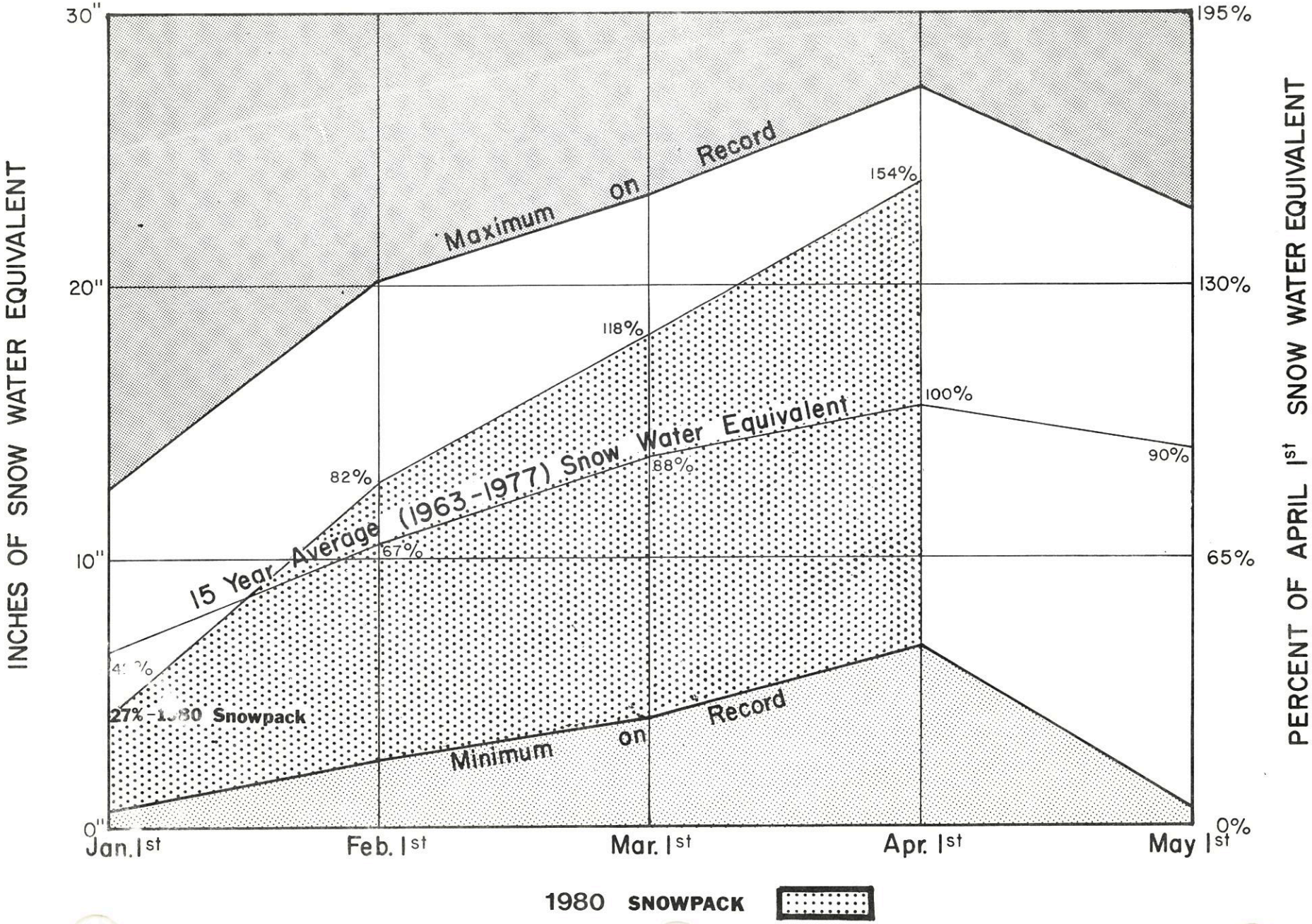
UTAH'S WINTER SNOWPACK

Data based on 51 selected snow courses



1980 SNOWPACK

WATER SUPPLY OUTLOOK

as of
April 1, 1980

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* * * * * * * * * * * * * * * * * * * * * * * * * * *
* Utah's 1980 water supply outlook ranges from near  *
* average to excellent. Snow cover is 154% of the    *
* April 1 average ranging from 96% on the Raft River *
* to 309% above Enterprise in the southwest corner   *
* of the state. Reservoir storage is 104% of the     *
* April 1 average statewide.                         *
*                                                    *
* * * * * * * * * * * * * * * * * * * * * * * * * * *
```

SNOW COVER

Snow cover had above average gain for the third successive month and now ranges from 96% of average on the Raft River Mountains in the extreme northwest corner of the state to 309% in the southwest corner above Enterprise. Snow cover is very heavy in the southern third of the state with the Virgin River 204%, Upper Sevier 205%, Coal Creek 213%, Escalante River 205%, Fremont River 180%, Blue Mountains 222%, and LaSal Mountain 192% of the April 1 average.

The Uinta Basin averages 178%, the Provo-Utah Lake Basin 170%, Weber Basin 141%, Ogden Basin 165%, Bear Basin 122%, Price River 183%, San Rafael 165%, and the Muddy 168% of average.

PRECIPITATION

March precipitation at mountain stations generally ranged from near average along the northern border to better than twice average at some southern and eastern Utah locations.

SOIL MOISTURE

Watershed soils under the medium and high elevation snow pack are still drier than average and will absorb some moisture as snow melt progresses.

RESERVOIR STORAGE

Reservoir storage in 26 key irrigation reservoirs now averages 104% of the April 1 average and 3% higher than a year ago. Again this month Moon Lake, Steinaker and Starvation Reservoirs are below average but should improve greatly or fill as runoff progresses. Utah Lake is now 0.51 feet below compromise and the Great Salt Lake is now 4199.2 feet above sea level.

STREAMFLOW FORECASTS

Streamflow forecasts for the snow melt runoff season now range from near average on the Bear River to better than three times average on the Virgin, Sevier, and Beaver Rivers.

WATER SUPPLY OUTLOOK (continued)

Bear River forecasts range from 105% at Harer, Idaho to 124% near Woodruff. Logan River is forecast 110%, Blacksmith Fork 113%, Little Bear 132%, and Cub River 116%.

The South Fork of the Ogden River is forecast 151% and Pineview Inflow 162%.

Weber River forecasts range from 120% of average on Chalk Creek to 159% for the Weber River at Gateway.

Provo River forecasts range from 147% at Hailstone to 181% for Utah Lake Inflow. Spanish Fork and Hobble Creek are 218% and 210% respectively. Creeks along the Salt Lake Front range from 129% for Little Cottonwood to 160% for Mill Creek.

Uintah Basin streams are forecast from 118% on the Whiterocks River to 235% for the Duchesne at Randlett. Ashley Creek is 129%, Lakefork 131%, Rock Creek 159%, Duchesne at Tabiona 164% and Strawberry River 223%.

Price River is forecast 167% for Scofield Inflow and 150% at Heiner. Huntington Creek is forecast 163%, Cottonwood 152%, Ferron 188%, Muddy 202%, and Seven Mile Creek 142%. Mill Creek above Moab is forecast 192% of average.

Beaver River is forecast 195% near Beaver and 333% for Minersville Inflow.

The Sevier is forecast 259% at Hatch, 326% at Kingston, 339% for the East Fork, 354% below Piute Dam and 217% at Gunnison.

The Virgin River is forecast 316% near Hurricane and 268% for the Santa Clara near Pine Valley. Coal Creek is forecast 192% of average.

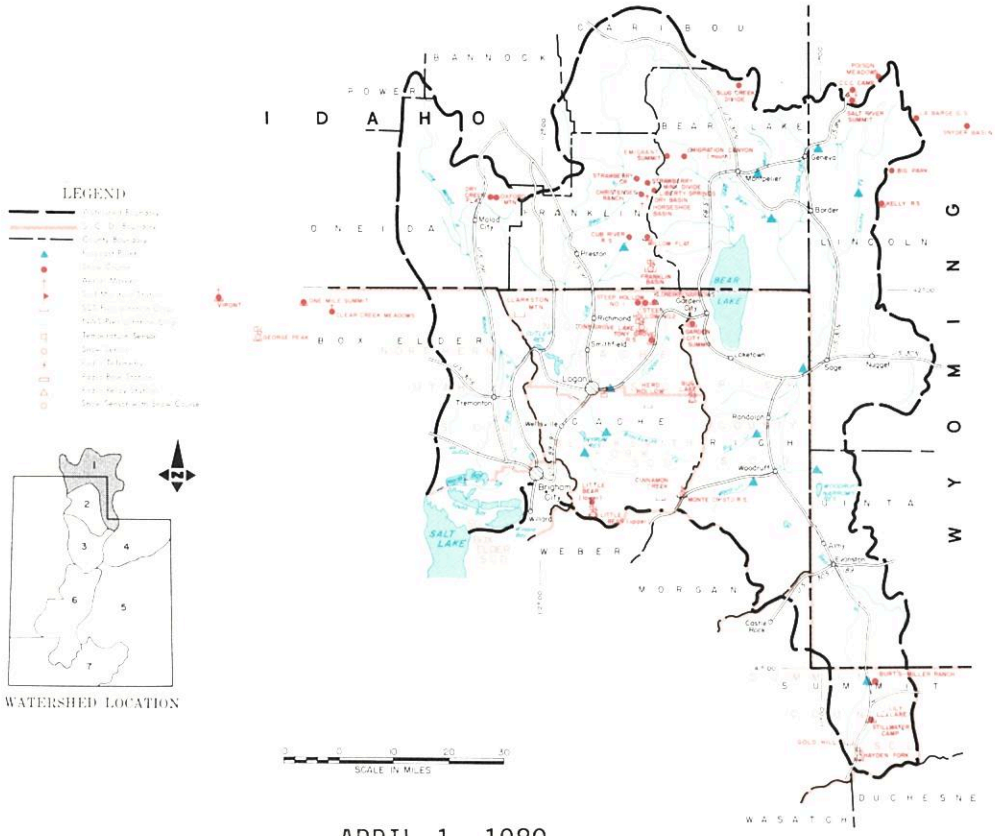
Peak flows on the Virgin, Sevier, Beaver, Coal Creek and some other streams in central and eastern Utah are expected to be well above average this year. Precautions should be taken to protect property in the flood plains of these streams.

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	1036.2	1039.6	1039.5
	Woodruff Narrows	26.5	17.5e	19.5	23.8
Beaver River	Minersville (RkyFd)	23.3	20.5	15.9	14.9
Little Bear	Hyrum	15.3	10.3	10.5	12.4
	Porcupine	11.3	4.2	5.4	5.2
	Causey	6.9	2.7	2.0	2.5
	Pineview	110.1	77.1	59.7	55.8
Provo	Deer Creek	149.7	121.5	84.8	108.7
Settlement Creek	Settlement Creek	1.2	0.6	0.7	--
	Vernon Creek	0.6	0.6	0.6	--
	Gunnison	18.2	18.2	18.1	16.5
	Otter Creek	52.5	52.5	31.5	37.3
	Piute	71.8	50.8	34.8	49.9
	Sevier Bridge	236.0	192.0	106.0	146.8
Spanish Fork	Strawberry	270.0	168.5	167.8	156.9
Utah Lake	Utah Lake	883.9	835.7	857.8	752.0
Weber	East Canyon	48.1	35.1	41.3	29.0
	Echo	73.9	54.9	59.8	50.7
	Lost Creek	20.0	12.9	14.8	13.1
	Rockport	60.9	18.7	34.5	32.5
	Willard Bay	193.3	183.3	159.6	145.6
COLORADO RIVER BASIN					
Ashley Creek	Steinaker	33.3	16.7	13.7	23.4
Colorado	Blue Mesa	829.5	370.0	311.5	--
	Lake Powell	25002.0	21240.0	15946.0	--
Green	Flaming Gorge	3749.0	2245.0	2471.6	--
Lakefork	Moon Lake	35.8	10.5	9.0e	19.6
Price River	Scofield	65.8	44.7	42.5	36.8
San Juan	Navajo	1696.0	1017.0	1185.0	--
San Rafael	Huntington North	3.9	3.9	2.5	3.6
	Joe's Valley	54.6	35.7	39.2	38.0
	Mill Site	16.7	4.2	6.8	--
Strawberry	Starvation	165.3	49.6	122.8	127.6
Uintah	Bottle Hollow	11.3	11.1	9.9	10.6

WATER SUPPLY OUTLOOK
BEAR RIVER BASIN in UTAH

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



APRIL 1, 1980

THE WATER SUPPLY OUTLOOK IS NEAR AVERAGE

SNOW COVER improved during March and now ranges from 96% on the Raft River to 122% on the Bear. Logan River is 116% of average.

PRECIPITATION at mountain stations ranged from 93% of average at Klondike Narrows to 186% at Little Bear Upper. Most other sites were near average to 30% above average.

SOIL MOISTURE is still drier than average under the high elevation snow pack.

RESERVOIR STORAGE is near average.

STREAMFLOW FORECASTS range from 102% for Big Creek to 132% for Little Bear. Bear River is forecast 116% at State Line, 124% near Woodruff, 118% at Randolph, and 105% at Harer, Idaho. Logan River is forecast 110%, Blacksmith Fork 113%, and Cub River 116%.

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	THIS YEAR FORECAST PERIOD	PAST RECORD THOUSAND ACRE FEET Last Year	PAST RECORD THOUSAND ACRE FEET Average †
BEAR RIVER					
Bear nr UT-Wyo. State Line	132	116	Apr-July	90	114
Bear nr Woodruff	184	124	Apr-July	68	148
Woodruff Crk nr Woodruff, UT	18.9	103	Apr-July	16.4	18.4b
Big Creek nr Randolph, Utah	5.1	102	Apr-July	--	5.0b
Bear nr Randolph	142	118	Apr-July	40	120
Thomas Fork nr UT-Wy State Ln	38	109	Apr-Sept	--	35
Smith's Fork nr Border, Wyo.	125	104	Apr-Sept	--	120
Bear at Harer, Idaho 1/	350	105	Apr-Sept	--	332
Logan nr Logan 1	130	110	Apr-July	92	118
Blacksmith Fork nr Hyrum	61	113	Apr-July	40	54
Little Bear nr Paradise	50	132	Apr-June	27	38
Cub River nr Preston, ID	58	116	Apr-Sept	--	52

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

SUMMARY of SNOW MEASUREMENTS (COMPARISON WITH PREVIOUS YEARS)

RIVER BASIN and/or SUB-WATERSHED	Number of Courses Averaged	THIS YEAR AS A PERCENT OF Last Year	THIS YEAR AS A PERCENT OF Average
BEAR RIVER	30	116	122
UPPER BEAR RIVER	6	121	122
LOWER BEAR RIVER	24	115	122
LOGAN RIVER	7	113	116
UPPER RAFT RIVER	3	104	96

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	1036.2	1039.6	1039.5
	Woodruff Narrows	26.5	17.5e	19.5	23.8
LITTLE BEAR	Hyrum	15.3	10.3	10.5	12.4
	Porcupine	11.3	4.2	5.4	5.2

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

PEAK FLOWS

FORECAST POINT	PEAK FLOW (SECOND FEET) Forecast Range	PEAK FLOW (SECOND FEET) Average †
Bear River nr UT/WY Stateline	1700-2300	1600
Big Creek nr Randolph	81-121	44
Logan River nr Logan	1000-1400	1016
Woodruff Creek nr Woodruff	250-350	267
Little Bear nr Paradise	600-900	517

SNOW

DRAINAGE BASIN and/or SNOW COURSE NAME	THIS YEAR Date of Survey	THIS YEAR Snow Depth (Inches)	THIS YEAR Water Content (Inches)	PAST RECORD Water Content (Inches) Last Year	PAST RECORD Water Content (Inches) Average †
Burts-Miller Ranch	3/24	30	9.3	5.3	6.1
Cub River R.S.	4/3	26	10.4	9.8	6.9
Emigrant Summit	4/3	83	27.6	23.7	26.0
Franklin Basin	4/3	82	32.1	27.8	28.2
Hayden Fork	3/24	63	23.0	17.5	15.9
Klondike Narrows	4/3	64	25.9	20.7	20.7

SNOW

DRAINAGE BASIN and/or SNOW COURSE NAME	THIS YEAR Date of Survey	THIS YEAR Snow Depth (Inches)	THIS YEAR Water Content (Inches)	PAST RECORD Water Content (Inches) Last Year	PAST RECORD Water Content (Inches) Average †
Little Bear Lower	4/2	34	12.6	11.7	9.9
Little Bear Upper	4/2	46	16.7	16.0	12.9
Monte Cristo	4/2	81	31.1	24.7	25.9
Salt River Summit	3/27	55	16.4	18.4	16.9
Stillwater Camp	3/24	49	15.7	10.7	11.3b
Tony Grove R.S.	4/3	36	14.0	14.6	11.9

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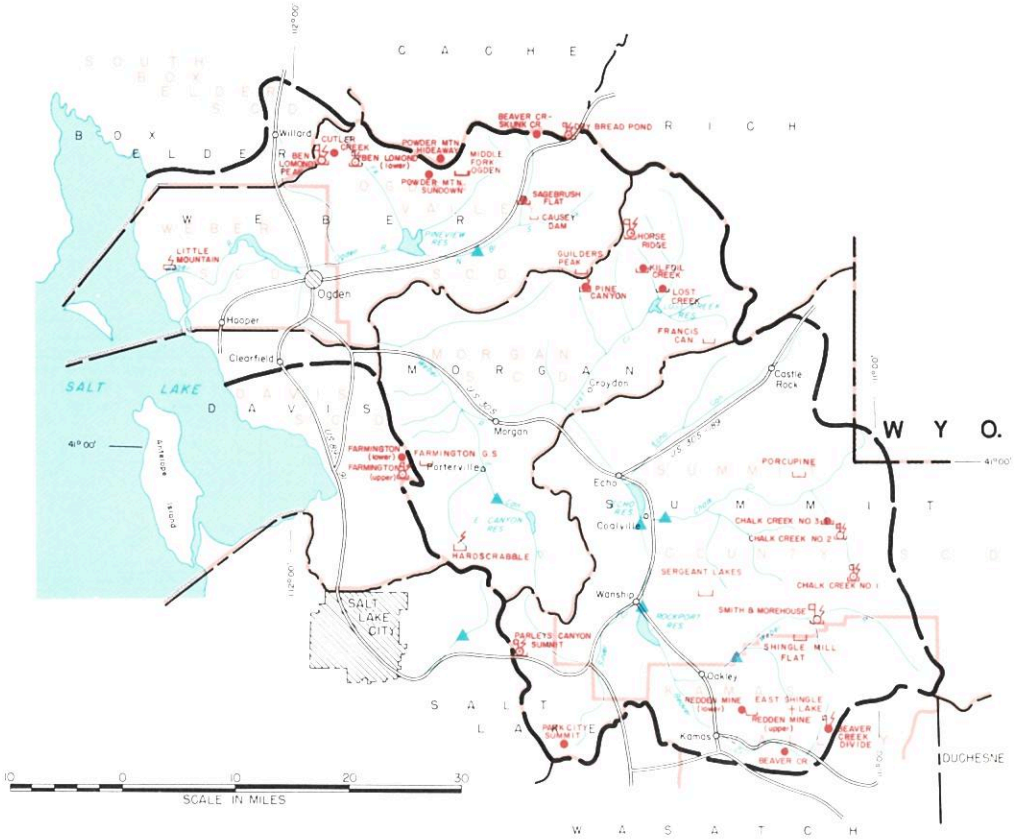
WATER SUPPLY OUTLOOK

WEBER-OGDEN WATERSHEDS in UTAH

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



APRIL 1, 1980

THE WATER SUPPLY OUTLOOK IS ABOVE AVERAGE

SNOW COVER is 165% of the April 1 average on the Ogden Basin and 141% on the Weber.

PRECIPITATION at mountain stations ranged from 109% of average at Chalk Creek #3 to 163% at Farmington Lower.

SOIL MOISTURE is still drier than average under the higher elevation snow pack.

RESERVOIR STORAGE is above average except in Rockport and Lost Creek and these are expected to fill with the spring runoff.

STREAMFLOW FORECASTS range from 120% of average on Chalk Creek to 162% for Pineview Inflow. Weber River is forecast 125% at Oakley, 138% for Rockport Inflow, 128% for Echo Inflow and 159% at Gateway. East Canyon is forecast 158%, Lost Creek 149% and South Fork Ogden 151%. Farmington Creek is forecast 143% and Hardscrabble Creek 134% of average.

Peak flows in this area are expected to be above average but should not cause much damage unless higher than average temperatures and precipitation occurs before low elevation snow melts.

M7-OL-22027-2
USDA-SCS-PORTLAND, OR. 1979

WEBER-OGDEN WATERSHEDS in UTAH

STREAMFLOW FORECASTS

BASIN, STREAM and/or FORECAST POINT	THIS YEAR FORECAST Thousand Acre Feet	THIS YEAR FORECAST Percent of Average	FORECAST PERIOD	PAST RECORD THOUSAND ACRE FEET Last Year	PAST RECORD THOUSAND ACRE FEET Average †
WEBER-OGDEN RIVERS					
Weber nr Oakley	130	125	Apr-June	82	104
Rockport Reservoir Inflow[1]	154	138	Apr-June	60	112
Chalk Creek at Coalville	47	120	Apr-June	13.5	39
Weber nr Coalville	162	132	Apr-June	49	123
Echo Res. Inflow	205	128	Apr-June		160
Lost Creek nr Croydon, Utah	26	149	Apr-June	15.5	17.4b
East Canyon Creek nr Morgan	41	158	Apr-June	20.0	26
Hardscrabble Crk nr Porterville	25	134	Apr-June		18.6e
South Fork Ogden nr Huntsville	86	151	Apr-June	59	57
Pineview Reservoir Inflow[2]	186	162	Apr-June	124	115
Weber at Gateway	490	159	Apr-June	162	308
JORDAN RIVER & SALT LAKE					
Farmington Crk nr Farmington	116	143	Apr-July	--	8.1b

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

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	126	165
WEBER RIVER	11	133	141

RESERVOIR STORAGE (Thousand Acre Feet)

BASIN OR STREAM	RESERVOIR	Usable Capacity	USEABLE STORAGE This Year	USEABLE STORAGE Last Year	USEABLE STORAGE Average †
OGDEN	Causey	6.9	2.7	2.0	2.5
	Pineview	110.1	77.1	59.7	55.8
WEBER	East Canyon	48.1	35.1	41.3	29.0
	Echo	73.9	54.9	59.8	50.7
	Lost Creek	20.0	12.9	14.8	13.1
	Rockport	60.9	18.7	34.5	32.5
	Willard Bay	193.3	183.3	159.6	145.6

PEAK FLOWS

FORECAST POINT	PEAK FLOW (SECOND FEET) Forecast Range	PEAK FLOW (SECOND FEET) Average †
South Fork Ogden nr Huntsville	900-1200	772
Chalk Creek nr Coalville	500-850	569
Lost Creek nr Croydon	350-500	206b

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.	3/26	44	9.9	5.8	7.2
Beaver Creek-Skunk Creek	4/2	45	18.5	14.5	12.0
Ben Lomond Peak	4/2	132	56.5	45.3	34.1
Ben Lomond Trail	4/2	63	27.8	27.7	16.2b
Chalk Creek #1	3/24	85	30.2	19.9	22.4
Chalk Creek #2	3/24	63	19.3	14.7	15.6
Dry Bread Pond	4/2	71	29.5	20.6	18.9

SNOW

DRAINAGE BASIN and/or SNOW COURSE NAME	THIS YEAR Date of Survey	THIS YEAR Snow Depth (Inches)	THIS YEAR Water Content (Inches)	PAST RECORD Water Content (Inches) Last Year	PAST RECORD Water Content (Inches) Average †
Horse Ridge	4/2	69	27.3	23.1	21.9b
Lost Creek Reservoir	--	--	--	6.4	2.0b
Monte Cristo	4/2	81	31.1	24.7	25.9
Parleys Canyon Summit	3/27	78	23.5	17.8	18.5
Sagebrush Flat	4/2	12	4.9	0.7	2.0
Smith & Morehouse	3/24	54	18.3	14.7	12.9
Trial Lake	3/26	102	38.6	27.0e	23.5

e - estimated

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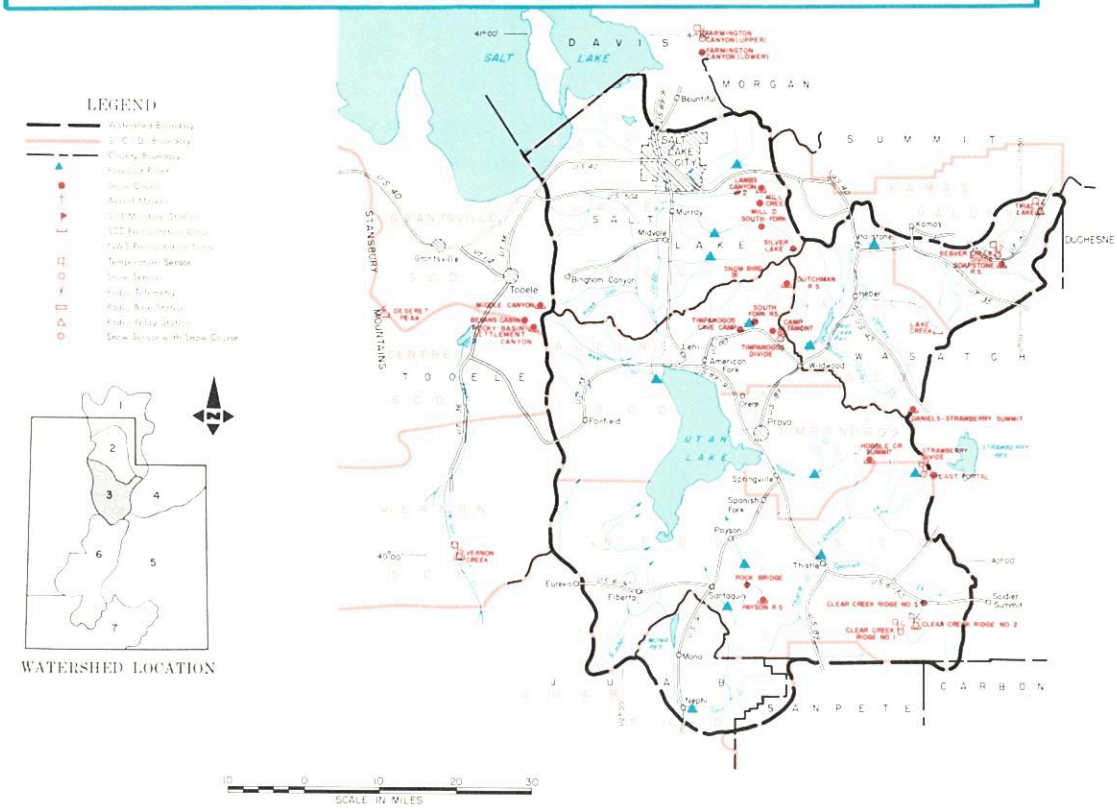
WATER SUPPLY OUTLOOK
UTAH LAKE, JORDAN RIVER and TOOELE VALLEY WATERSHEDS in UTAH

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



APRIL 1, 1980

THE WATER SUPPLY OUTLOOK IS ABOVE AVERAGE

SNOW COVER ranges from 137% of the April 1 average along the Salt Lake Front to 170% for the Provo River and Utah Lake Basin. Tooele Valley snow cover is 139% of average.

PRECIPITATION at mountain stations ranged from 116% of the March average at Payson Ranger Station to 260% at Middle Canyon above Tooele.

SOIL MOISTURE is still drier than average under the higher elevation snow pack.

RESERVOIR STORAGE is above average with Utah Lake only 0.51 feet below compromise level.

STREAMFLOW FORECASTS range from 129% on Little Cottonwood to 218% on Spanish Fork. Provo River is forecast 147% at Hailstone, 177% at Deer Creek Dam, and 181% for Utah Lake Inflow. Hobble Creek is forecast 210%, Payson Creek 143%, American Fork 169%, and Strawberry Inflow 144% of average. Other streams along the Salt Lake Front range from 132% for Big Cottonwood to 160% for Mill Creek. Vernon Creek is forecast 162% and Settlement Creek 182% of average. Peak flows are expected to be above average but should not cause excessive damage in this area.

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

UTAH LAKE, JORDAN RIVER and TOOELE VALLEY WATERSHEDS in UTAH

STREAMFLOW FORECASTS

BASIN, STREAM and/or FORECAST POINT	THIS YEAR FORECAST Thousand Acre Feet	THIS YEAR FORECAST Percent of Average	FORECAST PERIOD	PAST RECORD Thousand Acre Feet Last Year	PAST RECORD Thousand Acre Feet Average †
PROVO RIVER AND UTAH LAKE					
Provo nr Hailstone [1]	150	147	Apr-July	-	109
Provo below Deer Creek Dam[1]	213	177	Apr-July	-	122
American Fork nr American Fork	52	169	Apr-July	-	31
Hobble Creek nr Springville	37	210	Apr-July	-	19.7b
Strawberry Reservoir Inflow[1]	75	144	Apr-July	-	52
Spanish Fork at Thistle	85	218	Apr-July	-	39b
Payson Creek nr Payson	9.0	143	Apr-July	-	63
Utah Lake Inflow	442	181	Apr-July	-	244
JORDAN RIVER & SALT LAKE					
Little Cottonwood Crk nr SLC	49	129	Apr-July	-	38
Big Cottonwood nr SLC	50	132	Apr-July	30	38
Parley's Creek nr SLC	22	146	Apr-July	-	15.4
Mill Creek nr SLC	10.1	160	Apr-July	-	8.8
Emigration Creek nr SLC	6.0	150	Apr-July	-	4.9
City Creek nr SLC	11.6	145	Apr-July	-	10.7
TOOELE VALLEY					
Vernon Creek nr Vernon	1.3	162	Apr-July	-	0.8
Settlement Crk nr Tooele	4.0	182	Apr-July	-	2.2

SUMMARY of SNOW MEASUREMENTS (COMPARISON WITH PREVIOUS YEARS)

RIVER BASIN and or SUB-WATERSHED	Number of Courses Averaged	THIS YEAR AS A PERCENT OF Last Year	THIS YEAR AS A PERCENT OF Average
PROVO RIVER & UTAH LAKE	14	125	170
JORDAN RIVER & SALT LAKE	6	132	137
TOOELE VALLEY	4	120	139

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

RESERVOIR STORAGE (Thousand Acre Feet)

BASIN OR STREAM	RESERVOIR	Usable Capacity	USEABLE STORAGE This Year	USEABLE STORAGE Last Year	USEABLE STORAGE Average †
SPANISH FORK	Strawberry	270.0	168.5	167.8	156.9
UTAH LAKE	Utah Lake	883.9	835.7	857.8	752.0
	Settlement Creek	1.2	0.6	0.7	--
	Vernon Creek	0.6	0.6	0.6	--
PROVO	Deer Creek	149.7	121.5	84.8	108.7

PEAK FLOWS

FORECAST POINT	PEAK FLOW (SECOND FEET) Forecast Range	PEAK FLOW (SECOND FEET) Average †
Hobble Creek nr Springville	400-500	260[b]
Spanish Fork nr Thistle	850-1050	482[b]
Big Cottonwood nr Salt Lake City	475-575	310
Mill Creek nr Salt Lake City	75-95	--
Parleys Cn. nr Salt Lake City	225-275	116

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	3/30	38	12.3	10.1	11.5
Camp Altamont	3/27	72	28.2	23.6	13.4
Clear Creek #1	3/26	80	27.2	22.8	18.2
Clear Creek #2	3/26	67	21.3	17.0	13.6
Clear Creek #3	3/26	33	10.8	6.9	5.2
Daniels-Strawberry Summit	3/26	67	24.7	18.2	13.7
Deseret Peak	3/26	99	33.5	--	--
Dutchman R.S.	3/28	85	33.8	22.2	15.4
Hobble Creek Summit	3/26	62	21.3	21.8	12.9
Lambs Canyon #2	3/27	69	21.8	14.6	--
Middle Canyon	3/29	44	19.2	16.9	14.1
Mill Creek	3/31	81	25.9	17.6	--

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	3/28	73	24.0	18.4	19.9
Parleys Canyon Summit	3/27	78	23.5	17.8	18.5
Payson R.S.	3/26	69	24.1	22.7	18.4
Rocky Basin-Settlement Canyon	3/26	105	39.8	29.2	27.1
Silver Lake Brighton	3/28	107	37.2	28.0	24.9
Soapstone R.S.	3/26	54	19.2	12.4	11.5
South Fork R.S.	3/28	18	7.4	11.4	3.2
Timpanogos Divide	3/27	107	40.2	31.4	23.5
Trial Lake	3/26	102	38.6	27.0e	23.5
Vernon Creek	3/28	59	17.3	17.4	11.2a

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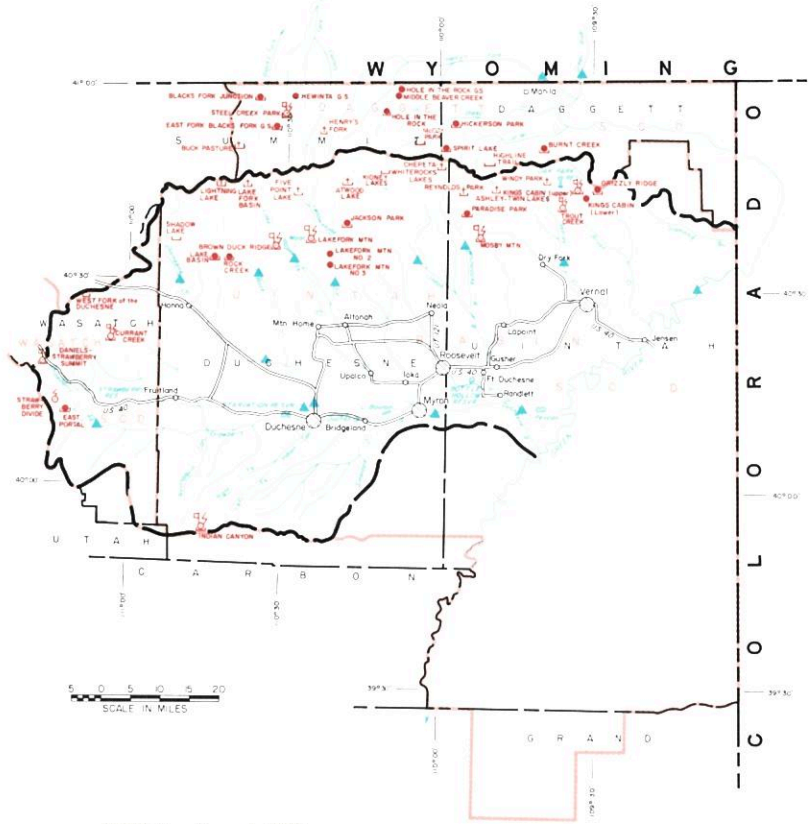
WATER SUPPLY OUTLOOK

UINTAH BASIN and DAGGETT SCD's in UTAH

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



APRIL 1, 1980

THE WATER SUPPLY OUTLOOK RANGES FROM AVERAGE TO ABOVE AVERAGE

SNOW COVER ranges from 150% of the April 1 average on the Blacks Fork to 211% on Lakefork - Yellowstone Creeks. Strawberry River is 175%, Ashley Creek 189%, and Uintah - Whiterocks 190%. Low elevations courses have better than twice average water contents since cool temperatures have delayed melt. High aerial markers have estimated water content greater than 1978. Radios on these sites need repair and calibration but authorization to visit the sites has not been obtained.

PRECIPITATION at mountain stations ranges from near average on the north slope Uintahs to 250% at Paradise Park on the south slope.

SOIL MOISTURE is still below average under the high elevation snow pack.

RESERVOIR STORAGE is still below average in Moon Lake and Steinaker Reservoirs.

STREAMFLOW FORECASTS have increased again this month and now range from 112% of the April-July average for Flaming Gorge Inflow to 235% for the Duchesne at Randlett. The Duchesne at Tabiona is forecast 164%, at Duchesne 160% and at Myton 214%. rrant Creek is forecast 175%, Strawberry at Duchesne 223%, Rock Creek 159%, kefork 131%, Yellowstone 127%, Uintah 128%, Whiterocks 118% and Ashley Creek 129%.

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

UINTAH BASIN and DAGGETT SCD's in UTAH

STREAMFLOW FORECASTS

BASIN, STREAM and/or FORECAST POINT	THIS YEAR FORECAST Thousand Acre Feet	THIS YEAR FORECAST Percent of Average	FORECAST PERIOD	PAST RECORD THOUSAND ACRE FEET Last Year	PAST RECORD THOUSAND ACRE FEET Average †
DUCHESNE RIVER					
Duchesne nr Tabiona[1]	175	164	Apr-July	--	107
Duchesne at Duchesne[1]	308	160	Apr-July	--	193
Strawberry at Duchesne	127	223	Apr-July	--	57
Rock Creek nr Mtn. Home	151	159	Apr-July	--	95
Currant Creek nr Fruitland	35	175	Apr-July	--	20
Lakefork below Moon Lake[1]	94	131	Apr-July	55	72
Yellowstone nr Altonah	85	127	Apr-July	48	67
Duchesne at Myton[1]	450	214	Apr-July	--	210
Whiterocks nr Whiterock	71	118	Apr-July	44	60
Uintah nr Neola	114	128	Apr-July	61	89
Duchesne at Randlett[1]	626	235	Apr-July	--	266
West Fork Duchesne at Hanna	44	169	Apr-July	--	26
FLAMING GORGE TO DUCHESNE RIVER					
Henry's Fork at Linwood	67	124	Apr-Sept	--	54
Black's Fork at Millburne	124	135	Apr-July	--	92
Flaming Gorge Inflow[1]	1450	112	Apr-July	781	1292
Ashley Creek nr Vernal	66	129	Apr-July	39	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	123	178
LAKEFORK-YELLOWSTONE CREEKS	2	175	211
STRAWBERRY RIVER	4	124	175
UINTAH - WHITEROCKS RIVERS	3	119	190
ASHLEY CREEK	1	119	189
BLACK'S FORK	4	125	150

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

RESERVOIR STORAGE (Thousand Acre Feet)

BASIN OR STREAM	RESERVOIR	Usable Capacity	USEABLE STORAGE This Year	USEABLE STORAGE Last Year	USEABLE STORAGE Average†
ASHLEY CREEK	Steinaker	33.3	16.7	13.7	23.4
GREEN RIVER	Flaming Gorge	3749.0	2245.0	2471.6	--
LAKE FORK	Moon Lake	35.8	10.5	9.0e	19.6
STRAWBERRY	Starvation	165.3	49.6	122.8	127.6
UINTAH	Bottle Hollow	11.3	11.1	9.9	10.6

PEAK FLOWS

FORECAST POINT	PEAK FLOW (SECOND FEET) Forecast Range	PEAK FLOW (SECOND FEET) Average †
Strawberry at Duchesne	1200-1800	656
Ashley Creek nr Vernal	1100-1600	1030

SNOW

DRAINAGE BASIN and/or SNOW COURSE NAME	THIS YEAR Date of Survey	THIS YEAR Snow Depth (Inches)	THIS YEAR Water Content (Inches)	PAST RECORD Water Content (Inches) Last Year	PAST RECORD Water Content (Inches) Average †
Brown Duck Ridge	3/26	85	22.5	22.0e	17.4a
Currant Creek	3/26	58	19.2	14.3	7.7
Daniels-Strawberry	3/26	67	24.7	18.2	13.7
Hewinta G.S.	3/24	46	15.0e	12.0	9.4
Hickerson Park	3/25	44	14.6	5.7	5.9b
Hole-in-the-Rock	3/28	37	8.9	7.1	5.0
Hole-in-the-Rock G.S.	3/28	38	9.1	5.6	1.4
Jackson Park	3/26	72	22.7	13.8e	11.5b
Kings Cabin Upper	3/25	44	14.6	5.7	5.9b

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	3/26	59	19.1	12.7e	10.6
Mosby Mountain	3/26	68	18.7	15.7	8.6
Paradise Park	3/25	69	19.3	21.5e	11.8
Rock Creek Ranch	3/26	44	12.3	7.3	5.8
Spirit Lake	3/25	65	19.1	18.0	12.1
Steel Creek Park	3/24	66	21.0	17.0	15.6
Strawberry Divide	3/31	81	27.3	23.2	18.5
Trout Creek	3/25	58	18.1	16.7	--

e - estimated

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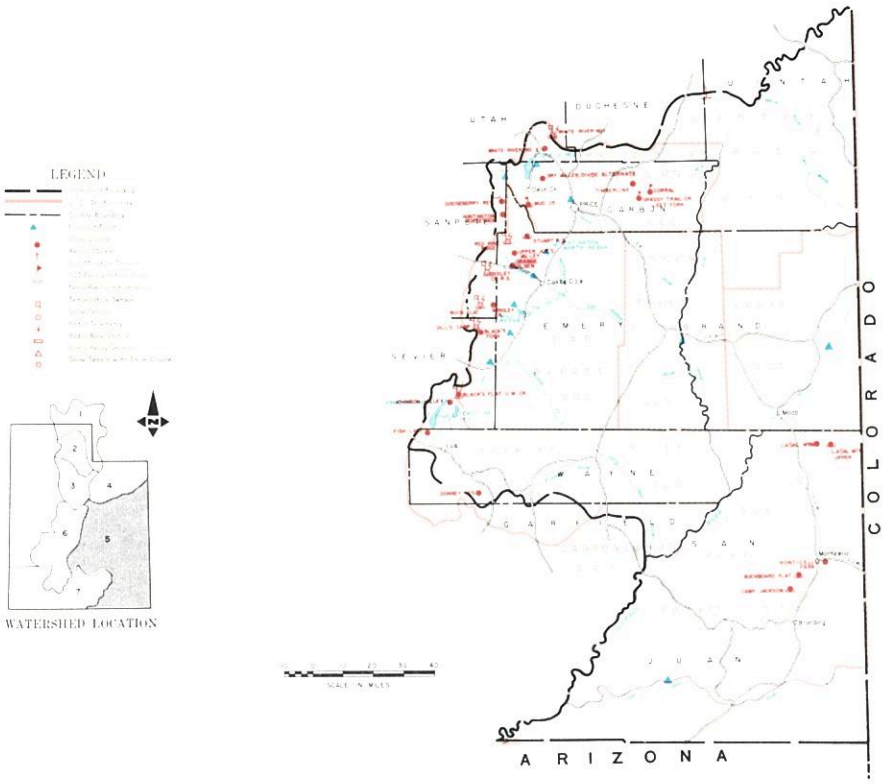
WATER SUPPLY OUTLOOK
CARBON, EMERY, WAYNE, GRAND and SAN JUAN COUNTIES in UTAH

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



APRIL 1, 1980

THE WATER SUPPLY OUTLOOK IS ABOVE AVERAGE

SNOW COVER ranges from 165% of the April 1 average on the San Rafael to 221% on the Blue Mountains above Monticello. The LaSal Mountains are 192%, Price River 183%, and Fremont River 180% of average.

PRECIPITATION at mountain stations ranged from 118% on the north end of the Blue Mountains to 254% on the LaSal Mountains. Most other areas were 150% to 200%.

SOIL MOISTURE is still drier than average under higher elevation snow pack.

RESERVOIR STORAGE is near to above average.

STREAMFLOW FORECASTS now range from 142% of average on Gooseberry Creek and Seven Mile Creek to 202% on Muddy Creek. Scofield Inflow is forecast 167%, Huntington Creek 163%, Cottonwood Creek 152%, Ferron Creek 188%, and Mill Creek 192%. The Colorado at Cisco is forecast 166%, Green River 148%, and San Juan at Bluff 191%. Peak flows in this area are expected to be higher than average and precautions should be taken along stream channels.

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

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

STREAMFLOW FORECASTS

BASIN, STREAM and/or FORECAST POINT	THIS YEAR FORECAST Thousand Acre Feet	THIS YEAR FORECAST Percent of Average	FORECAST PERIOD	PAST RECORD THOUSAND ACRE FEET Last Year	PAST RECORD THOUSAND ACRE FEET Average †
PRICE RIVER					
Gooseberry Crk nr Scofield	14.2	142	Apr-July	--	10.1
Scofield Reservoir Inflow	60	167	Apr-July	--	36
Price nr Heiner[1]	96	150	Apr-July	--	64
SAN RAFAEL RIVER					
Huntington Crk nr Huntington	75	163	Apr-July	--	49b
Cottonwood Crk nr Orangeville	67	152	Apr-July	40	44b
Ferron Creek nr Ferron	64	188	Apr-July	37	34
MUDDY CREEK					
Muddy Creek nr Emery	34	202	Apr-July	21	16.8
UPPER COLORADO BASIN					
Colorado nr Cisco, Utah	4500	166	Apr-July	4940	2716
Green at Green River, Utah	4400	148	Apr-July	2986	2975
Mill Creek nr Moab	9.8	192	Apr-July	7.3	5.1b
Navajo Reservoir Inflow	1150	189	Apr-July	--	608
San Juan nr Bluff, Utah	1650	191	Apr-July	--	865
FREMONT RIVER					
Seven Mile Crk nr Fish Lake	9.1	142	Apr-July	--	6.4

SUMMARY of SNOW MEASUREMENTS (COMPARISON WITH PREVIOUS YEARS)

RIVER BASIN and/or SUB-WATERSHED	Number of Courses Averaged	THIS YEAR AS A PERCENT OF Last Year	THIS YEAR AS A PERCENT OF Average
PRICE RIVER	3	127	183
SAN RAFAEL RIVER	7	119	165
FREMONT RIVER	4	100	180
LASAL MOUNTAINS	2	114	192
BLUE MOUNTAINS	2	90	221

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

RESERVOIR STORAGE (Thousand Acre Feet)

BASIN OR STREAM	RESERVOIR	Usable Capacity	USEABLE STORAGE This Year	USEABLE STORAGE Last Year	USEABLE STORAGE Average†
PRICE RIVER	Scofield	65.8	44.7	42.5	36.8
SAN RAFAEL	Huntington North	3.9	3.9	2.5	3.6
	Joe's Valley	54.6	35.7	39.2	38.0
	Mill Site	16.7	4.2	6.8	--
SAN JUAN	Navajo	1696.0	1017.0	1185.0	--

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

PEAK FLOWS

FORECAST POINT	PEAK FLOW (SECOND FEET) Forecast Range	PEAK FLOW (SECOND FEET) Average †
Ferron Creek near Ferron	550-900	422
Muddy Creek near Emery	250-350	154
Price near Heiner	600-800	--

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	3/26	82	25.6	23.0	15.4
Buckboard Flat	3/25	75	23.3	27.6	11.7
Camp Jackson	3/25	82	26.6	28.0	10.8
Dills Camp	3/26	65	20.2	14.6	11.4
Dry Valley Divide Alternate	3/27	51	16.9	15.4	--
Huntington-Horseshoe	3/27	94	32.3	28.8	22.7

SNOW

DRAINAGE BASIN and/or SNOW COURSE NAME	THIS YEAR Date of Survey	THIS YEAR Snow Depth (Inches)	THIS YEAR Water Content (Inches)	PAST RECORD Water Content (Inches) Last Year	PAST RECORD Water Content (Inches) Average †
Mammoth-Cottonwood R.S.	3/27	89	30.6	27.0	20.3
Monticello City Park	3/26	1	0.1e	0.0	--
Mud Creek	3/27	71	23.1	17.1	12.3
Seeley Creek	3/26	68	24.0	19.1	16.0
White River #1	3/27	58	20.1	18.8	12.8
White River #3	3/27	41	13.8	9.1	6.1

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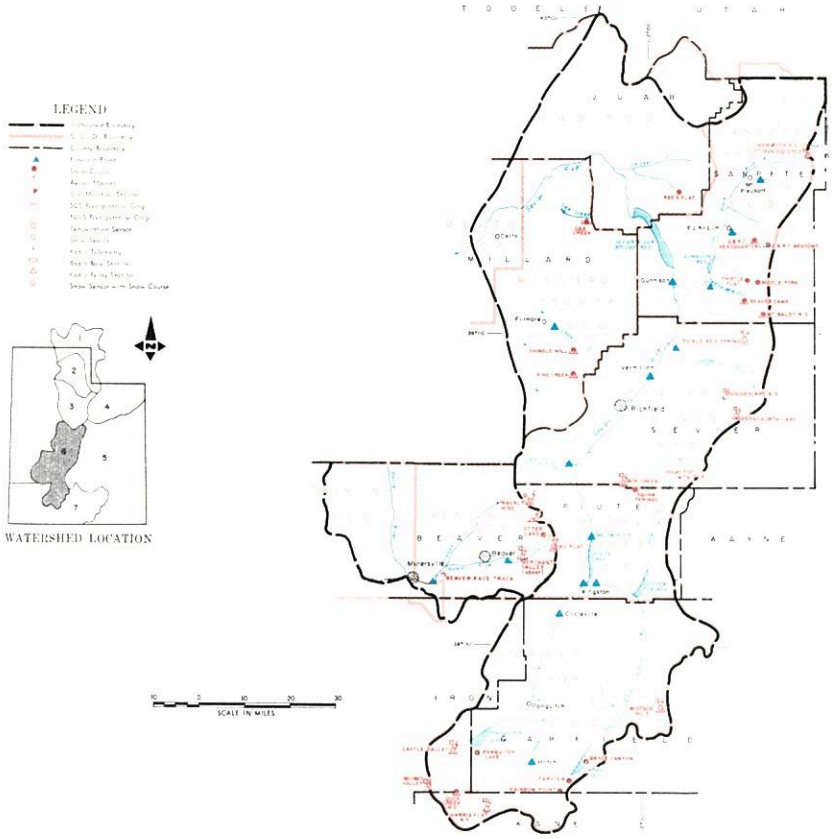
WATER SUPPLY OUTLOOK

SEVIER RIVER BASIN including BEAVER RIVER in UTAH

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



APRIL 1, 1980

THE WATER SUPPLY OUTLOOK IS EXCELLENT

SNOW COVER ranges from 142% of the April 1 average on the Lower Sevier to 210% on the South Fork Sevier. The East Fork is 191% and Beaver River is 185% of average.

PRECIPITATION at mountain stations ranges from near average for some stations on the Lower Sevier and Chalk Creek to better than 200% above Enterprise and on Parowan Creek.

SOIL MOISTURE is still drier than average under the higher elevation snow pack.

RESERVOIR STORAGE is above average. Sevier River storage is 125% of average and Minersville is 138%.

STREAMFLOW FORECASTS range from 137% of average on Pleasant Creek to 354% for the Sevier below Piute Dam. The Sevier is forecast 259% at Hatch, 323% at Circleville, 326% at Kingston, 339% for the East Fork and 217% at Sevier Bridge. Beaver River is forecast 195% at Beaver, 197% for North Creeks, and 333% for the Inflow to Minersville Reservoir.

Peak flows on streams in this area are expected to be much high than average and precautions 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	PAST RECORD THOUSAND ACRE FEET Average +
SEVIER RIVER					
Sevier at Hatch	105	259	Apr-July	101e	41
Sevier nr Circleville	98	323	Apr-July	--	29
Sevier nr Kingston	74	326	Apr-July	80	22
Antimony Crk nr Antimony	14.0	192	Apr-July	--	6.9
East Fork Sevier nr Kingston[1]	52	339	Apr-July	60	15.4
Sevier below Piute Dam	127	354	Apr-July	--	36
Clear Crk nr Sevier (abv Div)	31	174	Apr-July	--	17.8
Inflow - Sigurd to Gunnison	46	175	Apr-July	--	--
Kingston to Vermillion Dam	103	184	Apr-June	--	56
Vermillion Dam to Gunnison	63	182	Mar-June	--	35
Salina Creek at Salina	21.5	185	Apr-June	--	11.1
Sevier nr Gunnison	108	217	Apr-July	--	50
Chalk Creek nr Fillmore	26	168	Apr-July	--	15.5b
Chicken Creek nr Levan	7.8	252	Apr-July	8.3	3.1
Oak Cr. nr Oak City	2.9	207	Apr-July	1.4	1.4
SAN PITCH RIVER					
Ephraim Creek nr Ephraim	22.0	152	Apr-July	--	14.5
Pleasant Crk nr Mt. Pleasant	11.5	137	Apr-July	--	8.6
BEAVER RIVER					
Beaver nr Beaver	39	195	Apr-July	51	20
North Creek (Combined)	24	197	Apr-July	--	12.2b
Minersville Reservoir Inflow	22	333		55	6.6

BASIN OR STREAM	RESERVOIR	Usable Capacity	USEABLE STORAGE This Year	USEABLE STORAGE Last Year	USEABLE STORAGE Average+
SEVIER RIVER	Gunnison	18.2	18.2	18.1	16.5
	Otter Creek	52.5	52.5	31.5	37.3
	Piute	71.8	50.8	34.8	49.9
	Sevier Bridge	236.0	192.0	106.0	146.8
BEAVER RIVER	Minersville (Rky Fd)	23.3	20.5	15.9	14.9

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

SUMMARY of SNOW MEASUREMENTS (COMPARISON WITH PREVIOUS YEARS)

RIVER BASIN and or SUB-WATERSHED	Number of Courses Averaged	THIS YEAR AS A PERCENT OF Last Year	THIS YEAR AS A PERCENT OF Average
UPPER SEVIER RIVER	9	98	205
East Fork Sevier	3	102	191
South Fork Sevier	6	96	210
LOWER SEVIER	12	111	142
BEAVER RIVER	3	102	185

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

PEAK FLOWS

FORECAST POINT	PEAK FLOW (SECOND FEET) Forecast Range	PEAK FLOW (SECOND FEET) Average +
Sevier River at Hatch	875-1000	418
Sevier River nr Circleville	--	--
Sevier River nr Kingston	750-850	263
Clear Creek nr Sevier	350-400	170
Salina Creek nr Salina	400-550	235
Beaver River nr Beaver	400-600	212
East Fork Sevier near Kingston	725-825	--

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	3/25	92	28.4	27.7	16.1
Bryce Canyon	3/29	38	11.4	10.8	3.1
Castle Valley	3/25	67	21.3	21.2	11.3
Duck Creek	3/29	80	28.7	29.4	11.5
Farnsworth Lake	3/29	89	23.5	19.0	19.5
Gooseberry R.S.	3/28	65	16.8	11.8	12.0

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 +
Harris Flat	3/29	53	20.7	23.0	6.5
Kimberly Mine	3/25	80	25.4	20.4	15.8
Long Valley Junction	3/29	34	14.7	13.6	2.7
Merchants Valley Upper	3/25	68	20.0	17.4	9.7b
Midway Valley	3/29	113	38.0	43.2	20.1
Otter Lake	3/25	76	21.9	24.0	12.3
Pickle Keg Springs	3/26	70	22.9	17.0	16.1b
Widtsoe-Escalante #3	3/29	64	20.3	24.0	9.9

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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, 1980

THE WATER SUPPLY OUTLOOK IS EXCELLENT

SNOW COVER RANGES FROM 179% of the April 1 average on Parowan Creek to 309% on Enterprise - New Harmony area. Coal Creek is 213% and the Virgin River 204% of average after cool temperatures held snow on lower elevations and added above average amounts at higher elevations.

PRECIPITATION at mountain stations ranged from 129% of the March average at Midway Valley to 223% at Little Grassy above Enterprise and was generally 150% to 200% of average over the area.

SOIL MOISTURE is still drier than average under the higher elevation snow pack. Valley and lower elevations are well primed.

RESERVOIR STORAGE is above average. Smaller reservoirs filled and spilled earlier in the season and Lake Powell is expected to fill for the first time since it was built.

STREAMFLOW FORECASTS range from 155% of average for Lake Powell Inflow to 316% for the Virgin River near Hurricane. The Santa Clara is forecast at 268% and Coal Creek 192% of average.

All streams are expected to peak well above average with Coal Creek at 500-600 cubic feet per second. Precautions should be taken to protect property near stream channels.

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

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	155	316	Apr-June		48.5
Santa Clara nr Pine Valley	11.0	268	Apr-June		4.1
COAL CREEK					
Coal Creek nr Cedar City	32	192	Apr-July		17.0
UPPER COLORADO					
Lake Powell Inflow	10800	155	Apr-July	10845	6952

2 - Provisional Flows - Subject to correction

SUMMARY of SNOW MEASUREMENTS (COMPARISON WITH PREVIOUS YEARS)

RIVER BASIN and/or SUB-WATERSHED	Number of Courses Averaged	THIS YEAR AS A PERCENT OF Last Year	THIS YEAR AS A PERCENT OF Average
COAL CREEK	3	90	213
VIRGIN RIVER	3	86	204
PAROWAN CREEK	4	108	179
ENTERPRISE - NEW HARMONY	2	80	309

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	21240.0	15946.0	--
	Blue Mesa	829.5	370.0	311.5	--

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

PEAK FLOWS

FORECAST POINT	PEAK FLOW (SECOND FEET) Forecast Range	PEAK FLOW (SECOND FEET) Average †
Coal Creek nr Cedar City	500-600	245
Virgin nr Virgin		

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	3/27	42	13.7	13.5	5.3b
Brian Head	3/25	97	30.8	30.0	19.9b
Harris Flat	3/29	53	20.7	23.0	6.5
Kolob-Crystal	3/29	115	39.0	45.0	21.8a
Little Grassy	3/29	18	7.8	13.7	2.0
Long Flat	3/29	46	15.4	15.4	5.5

SNOW

DRAINAGE BASIN and/or SNOW COURSE NAME	THIS YEAR Date of Survey	THIS YEAR Snow Depth (Inches)	THIS YEAR Water Content (Inches)	PAST RECORD Water Content (Inches) Last Year	PAST RECORD Water Content (Inches) Average †
Long Valley Junction	3/29	34	14.7	13.6	2.7
SUSC Ranch	3/27	47	17.8	19.8	6.1b
Tall Poles	3/31	86	27.5	21.2	13.8b
Webster Flat	3/29	105	33.5	36.6	15.7
Yankee Reservoir	3/25	57	14.0	15.2	9.0

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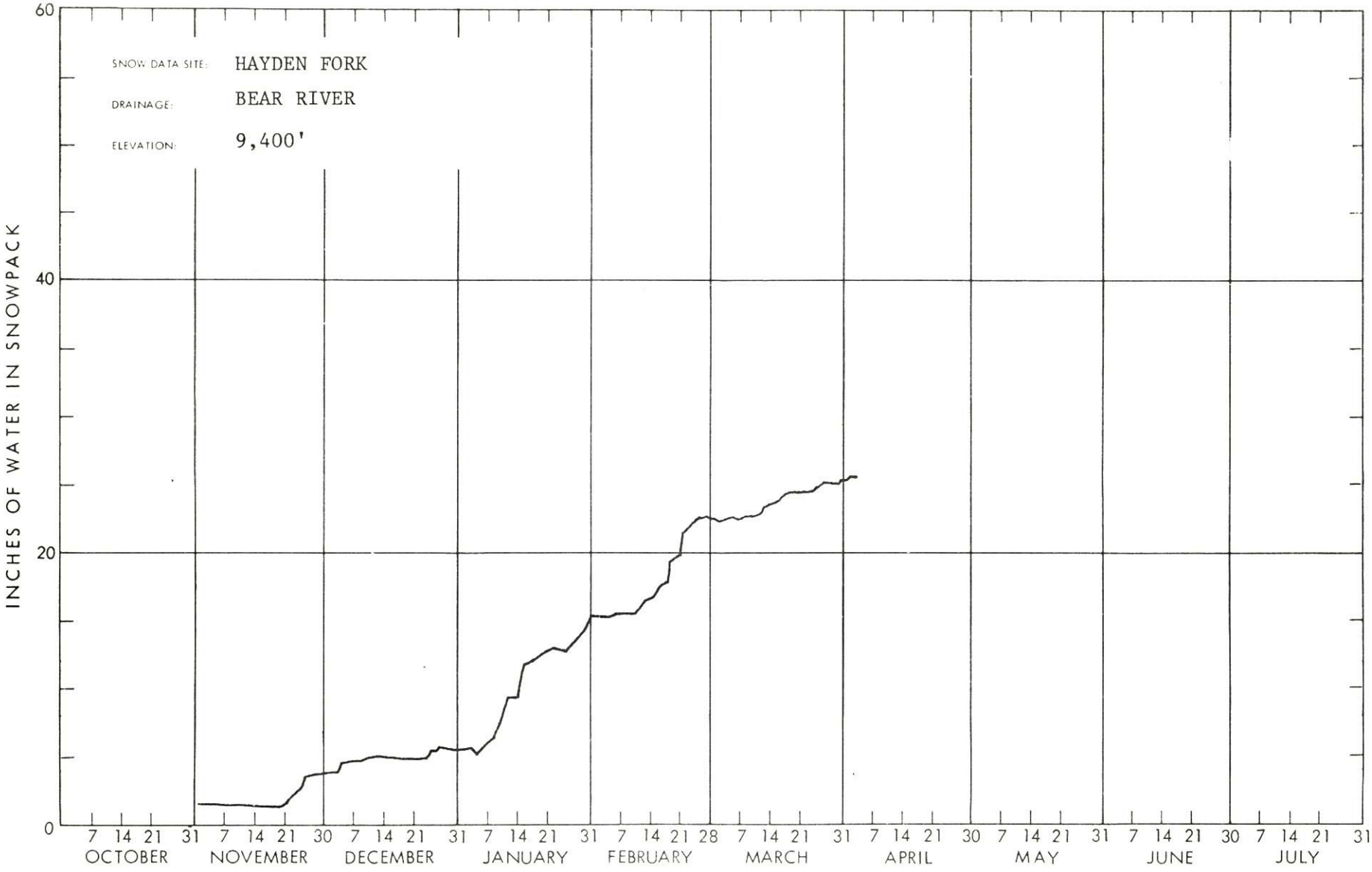
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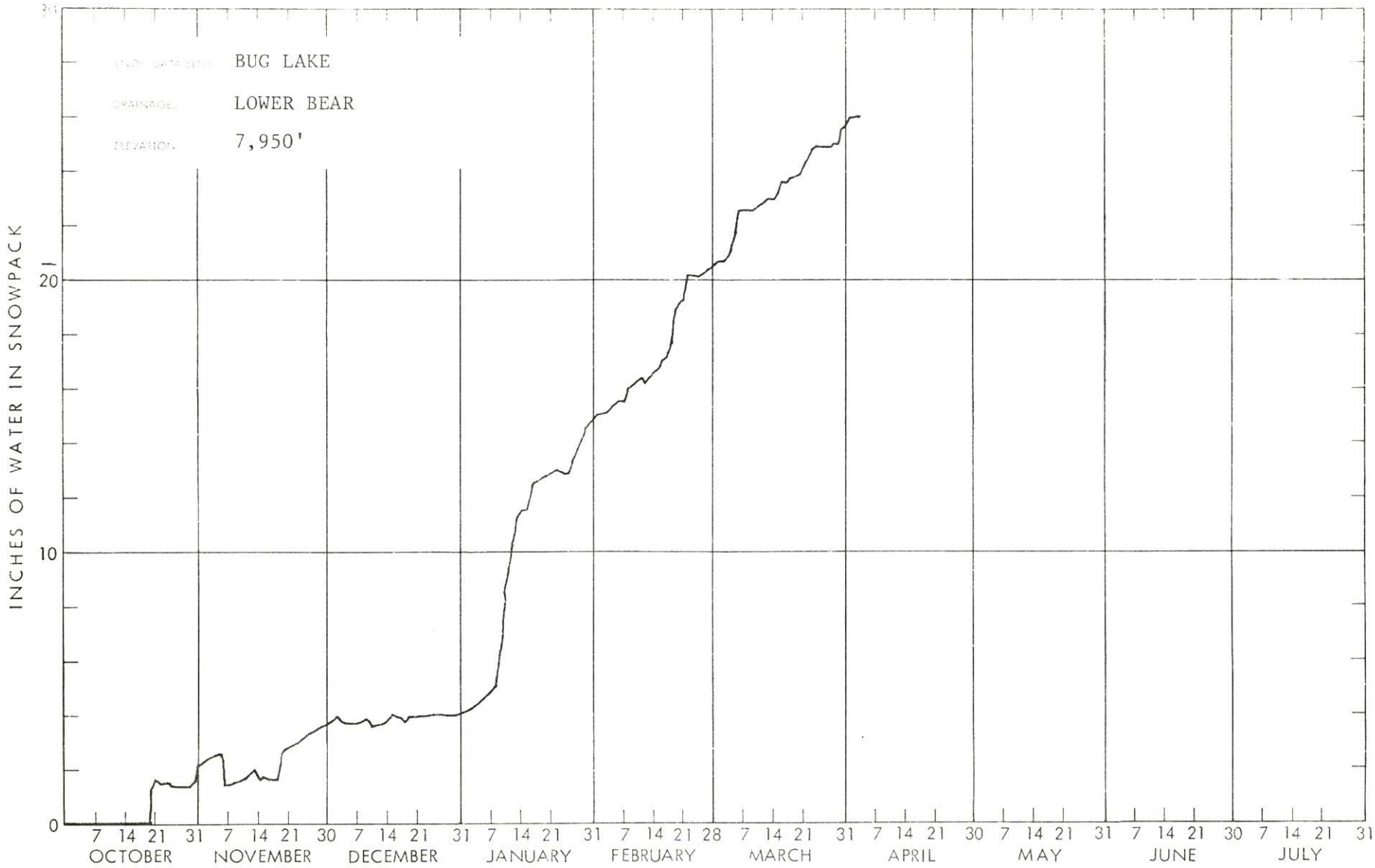
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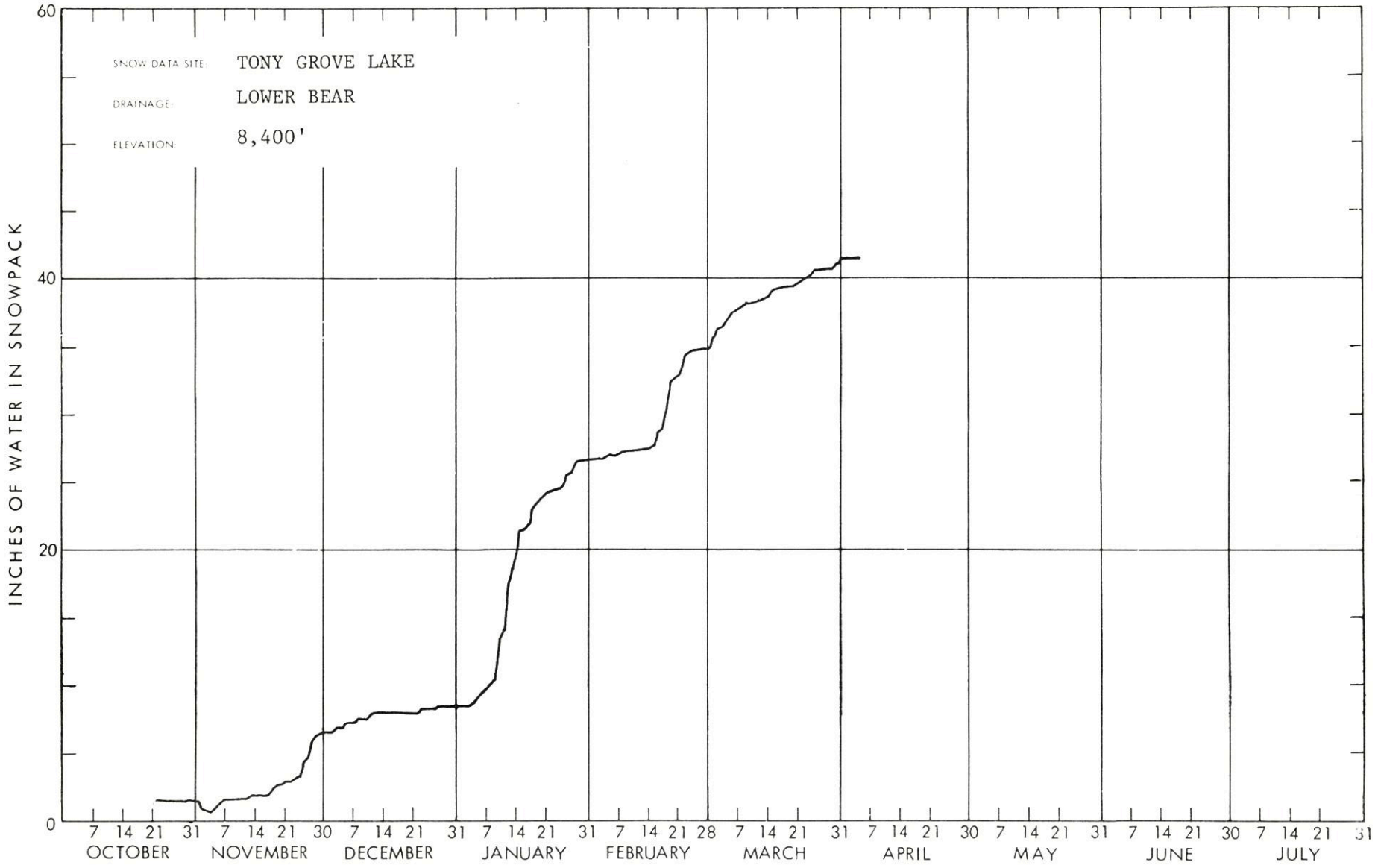
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ELEVATION: 8,400'
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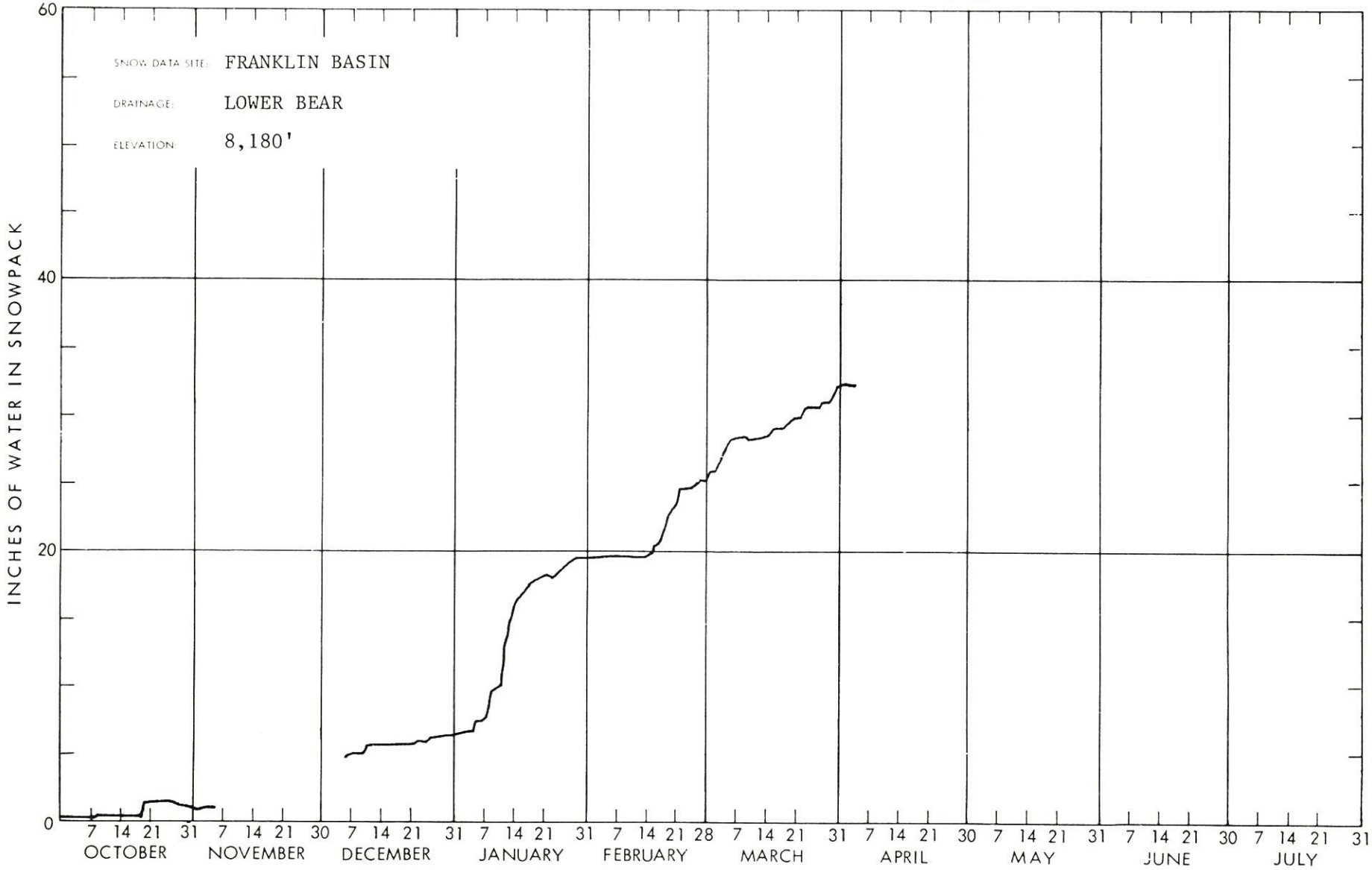
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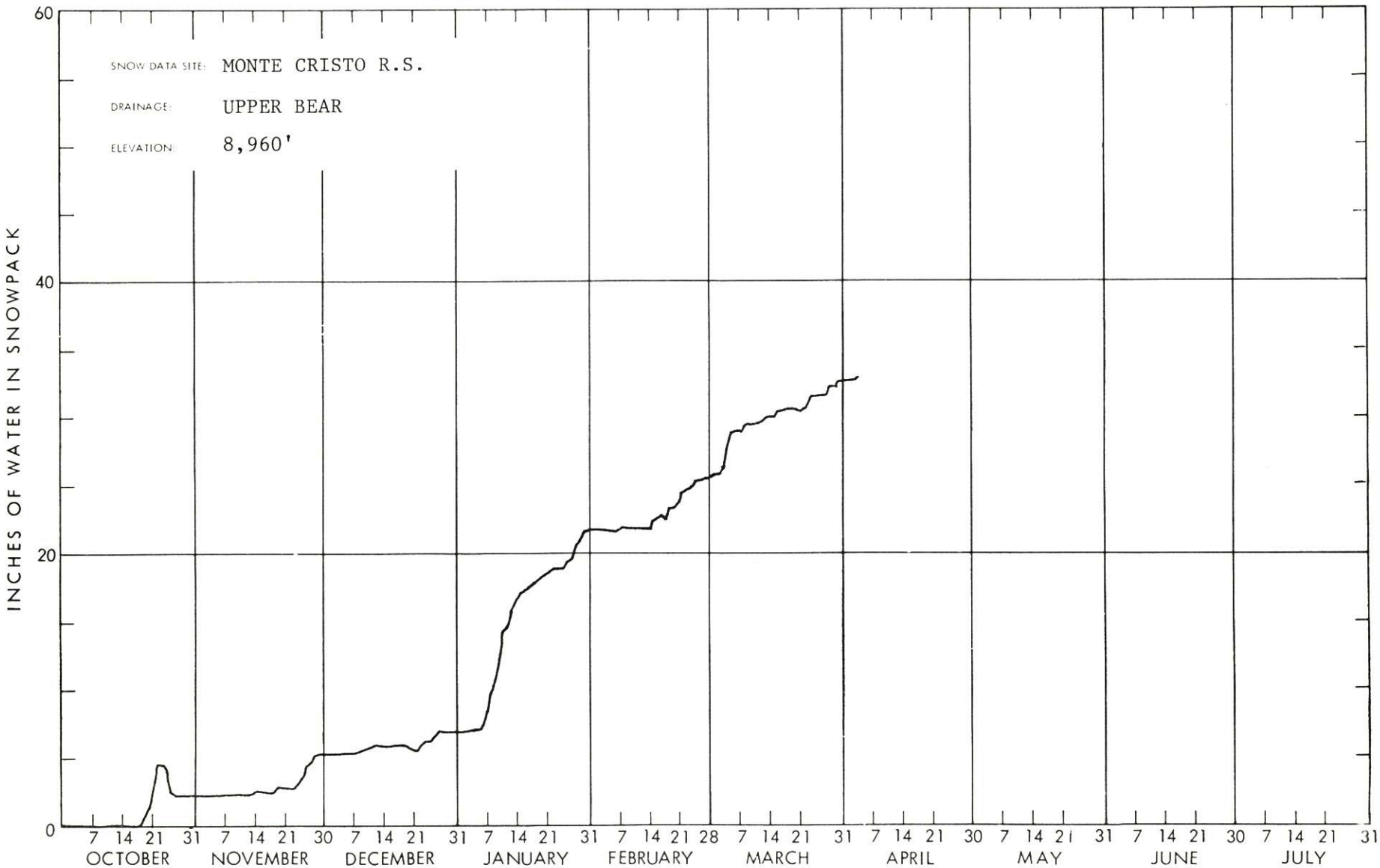
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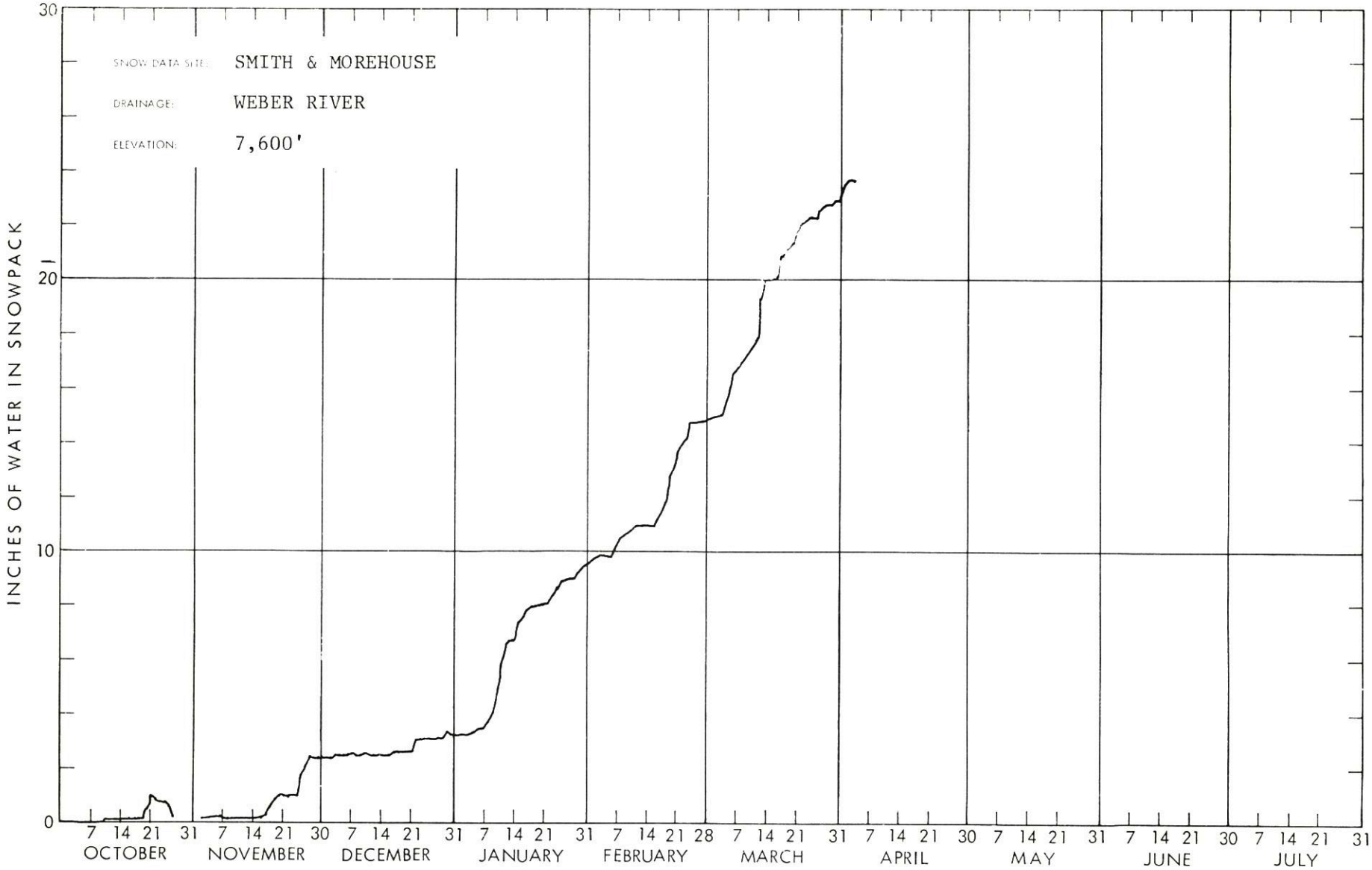
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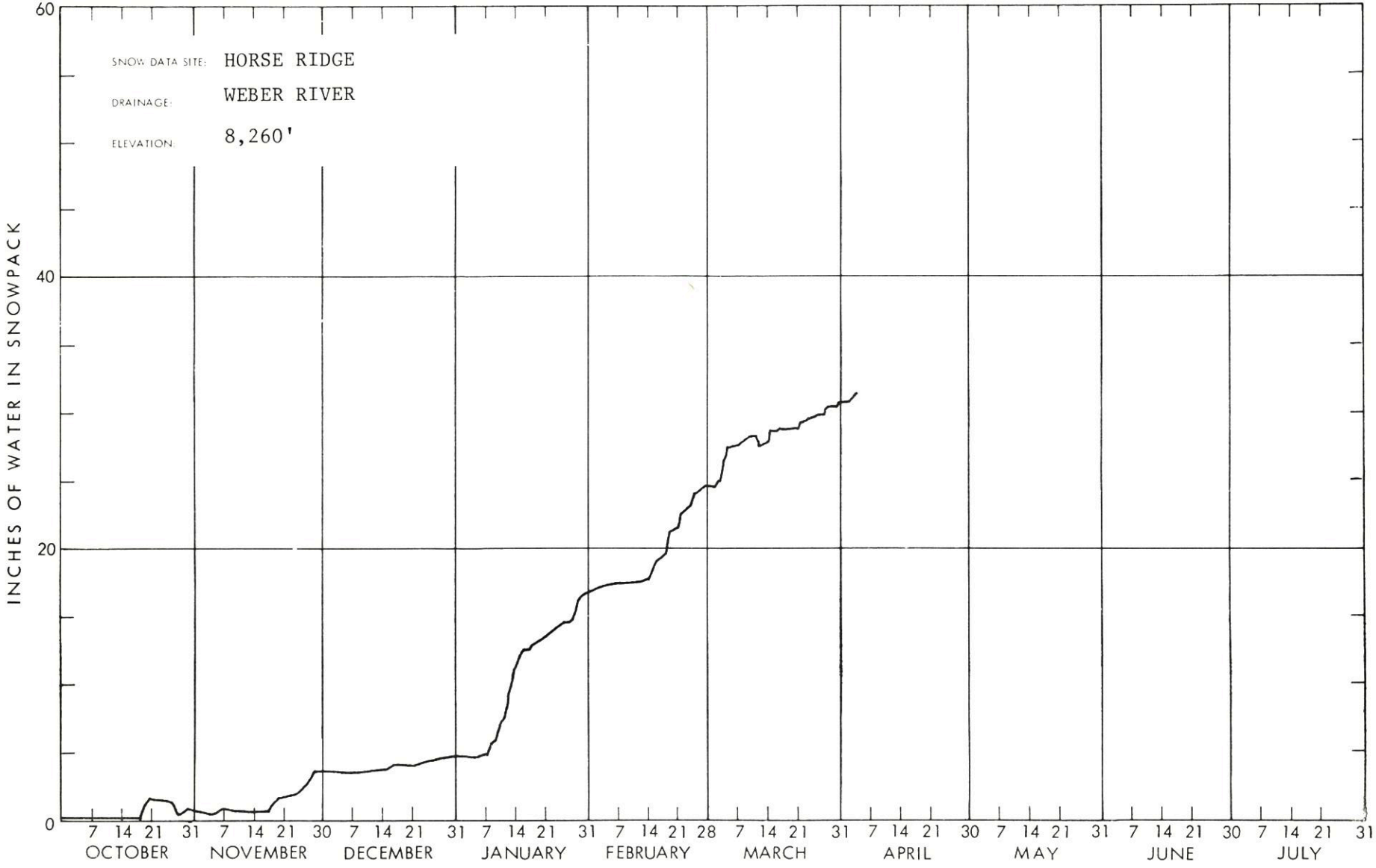
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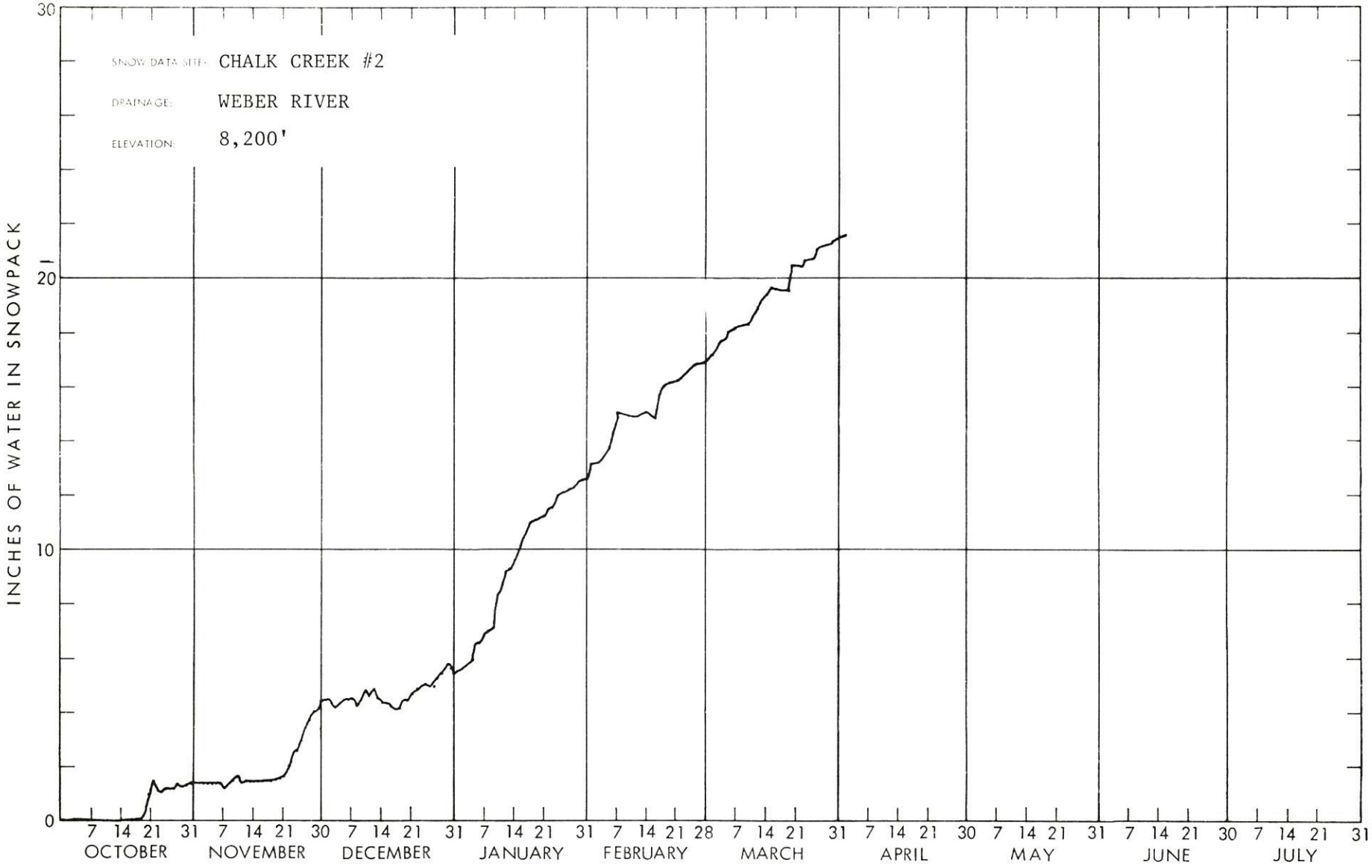
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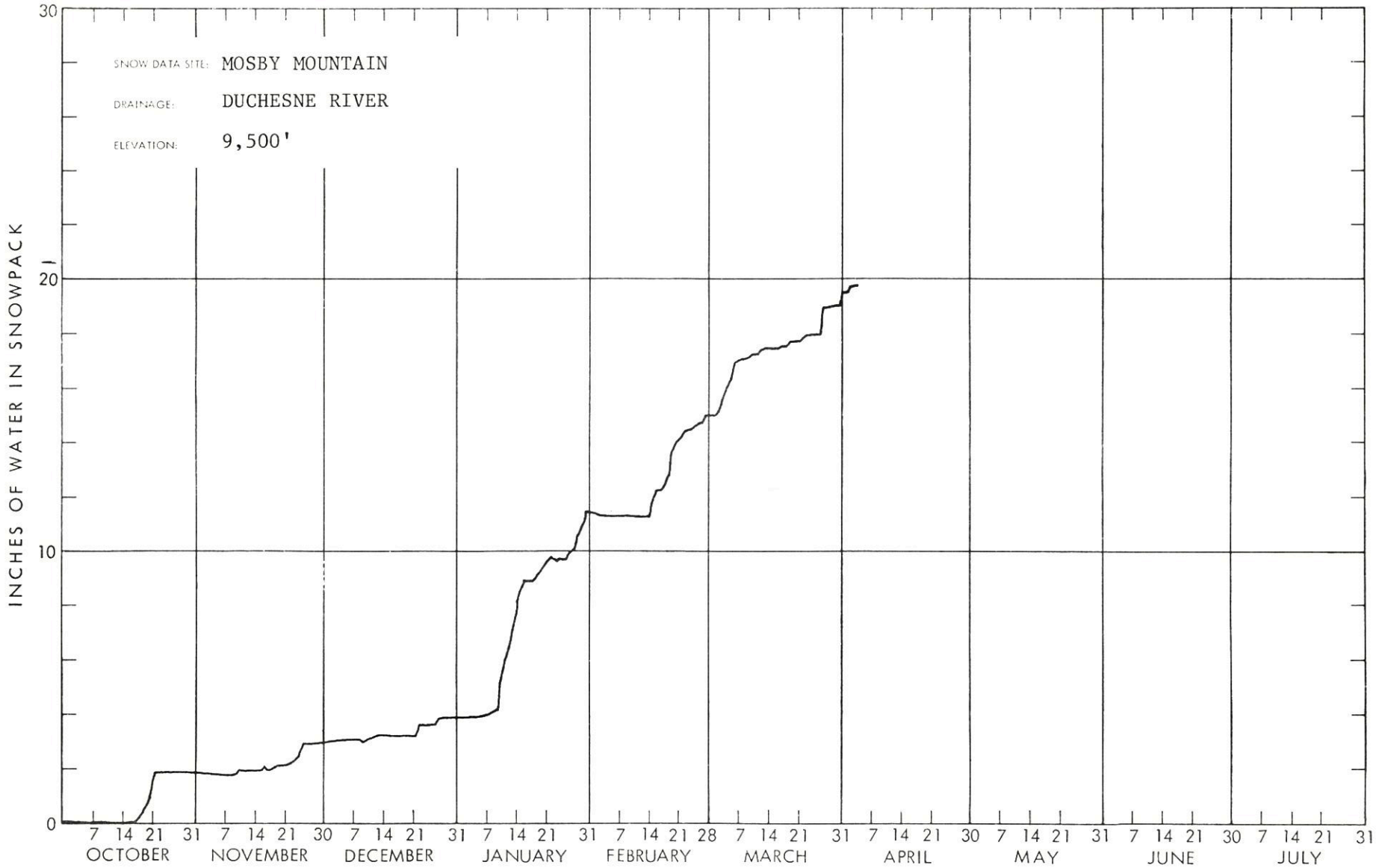
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DRAINAGE: DUCHESNE RIVER
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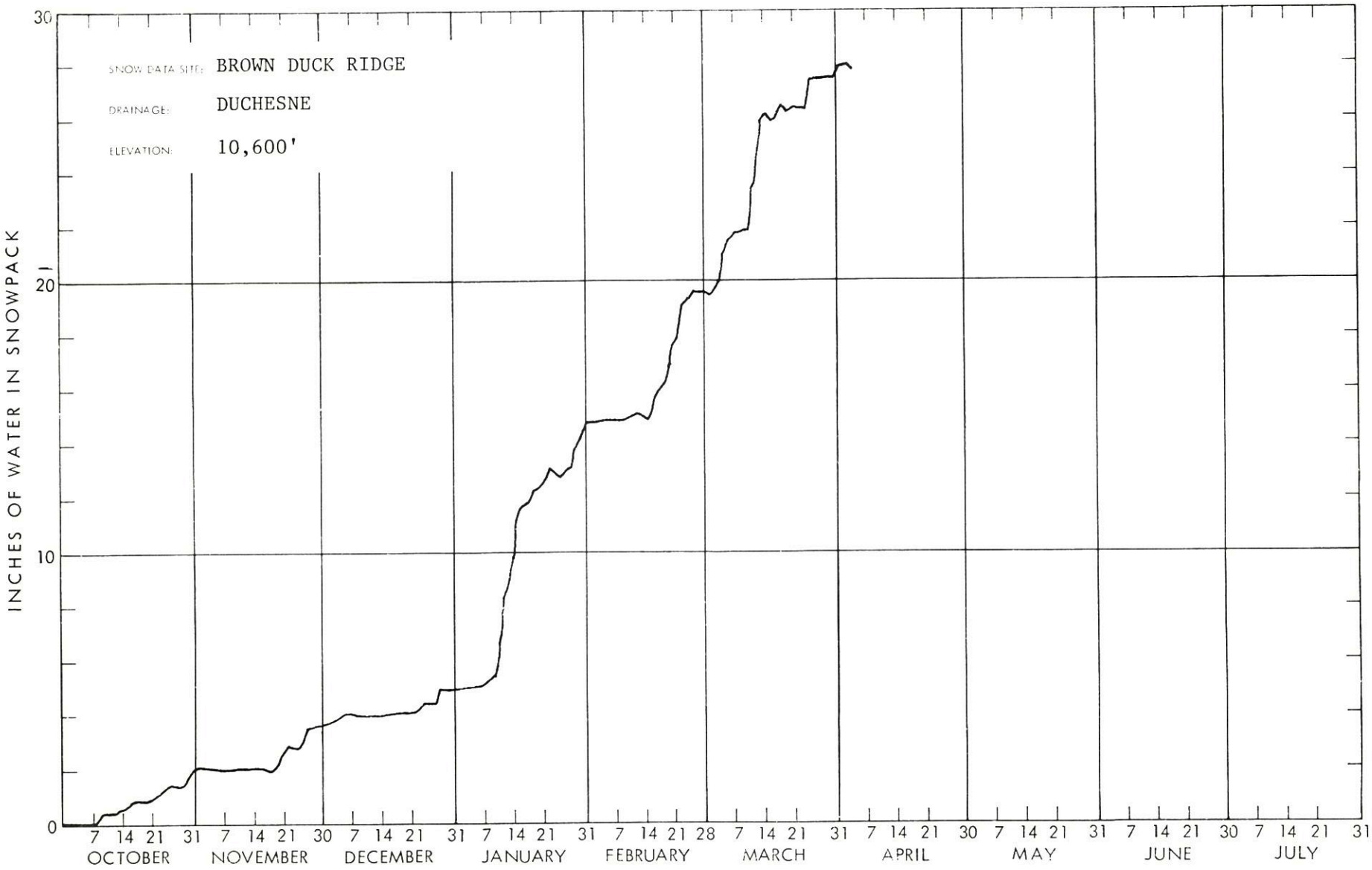
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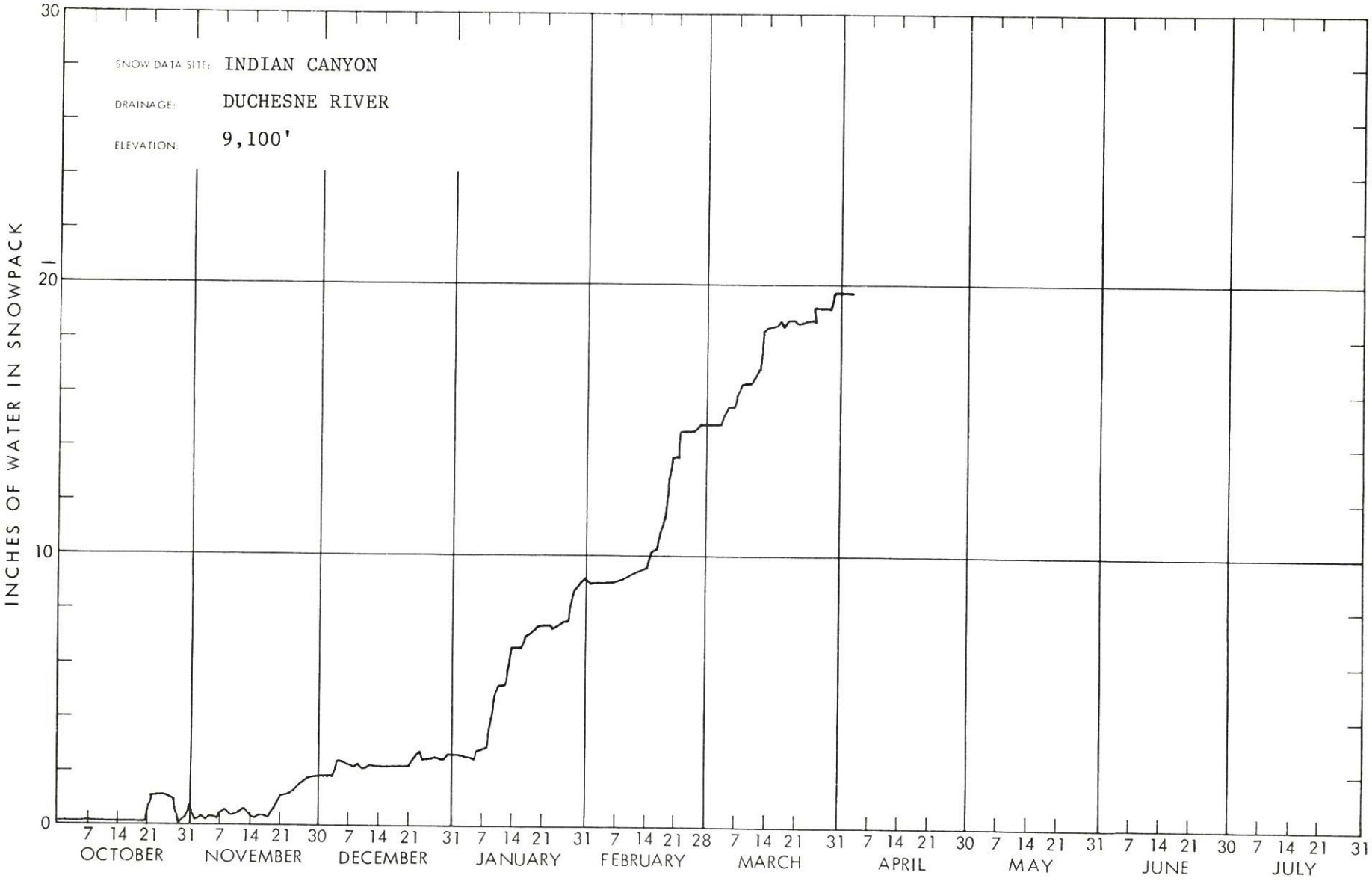
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DRAINAGE: DUCHESNE RIVER
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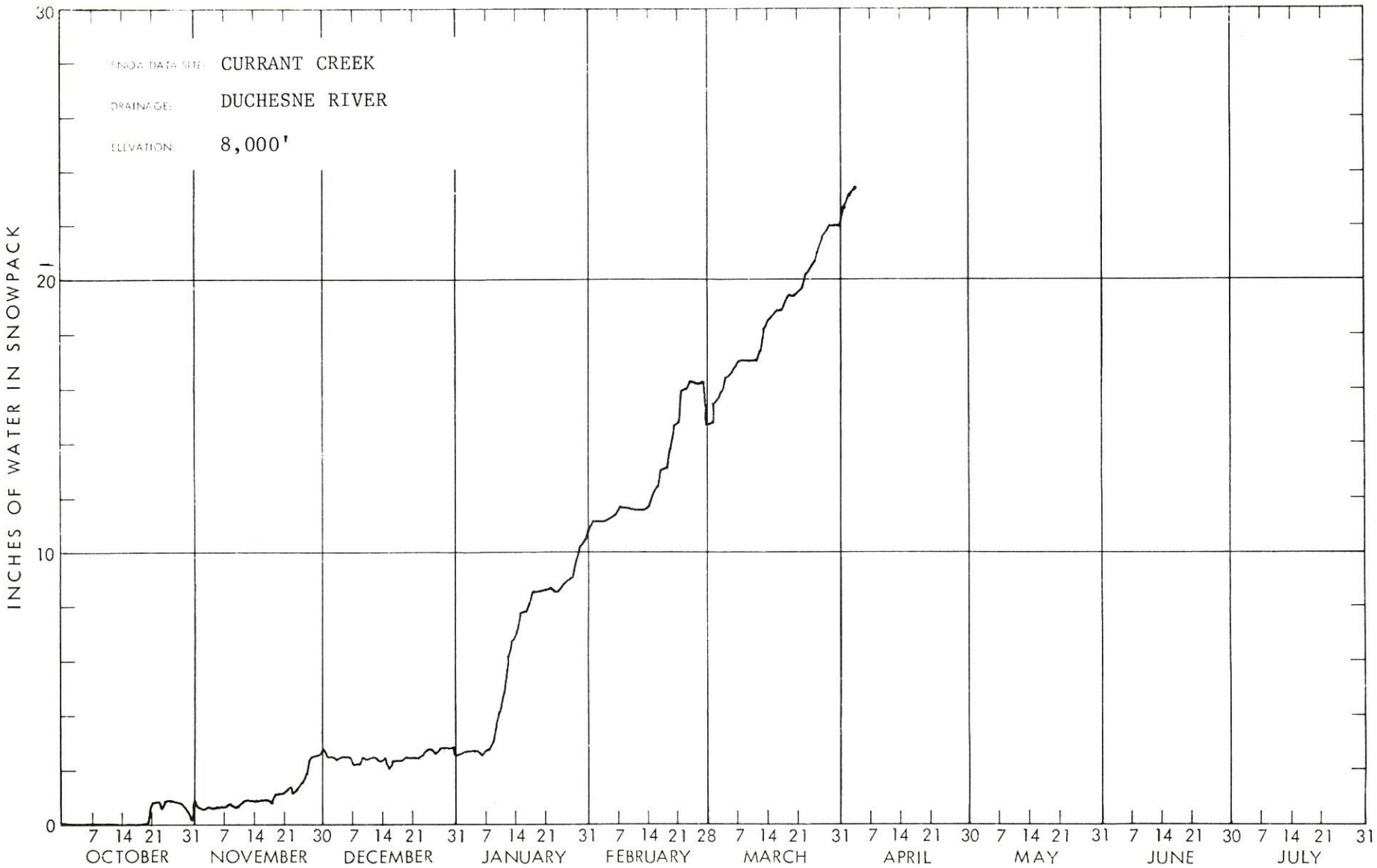
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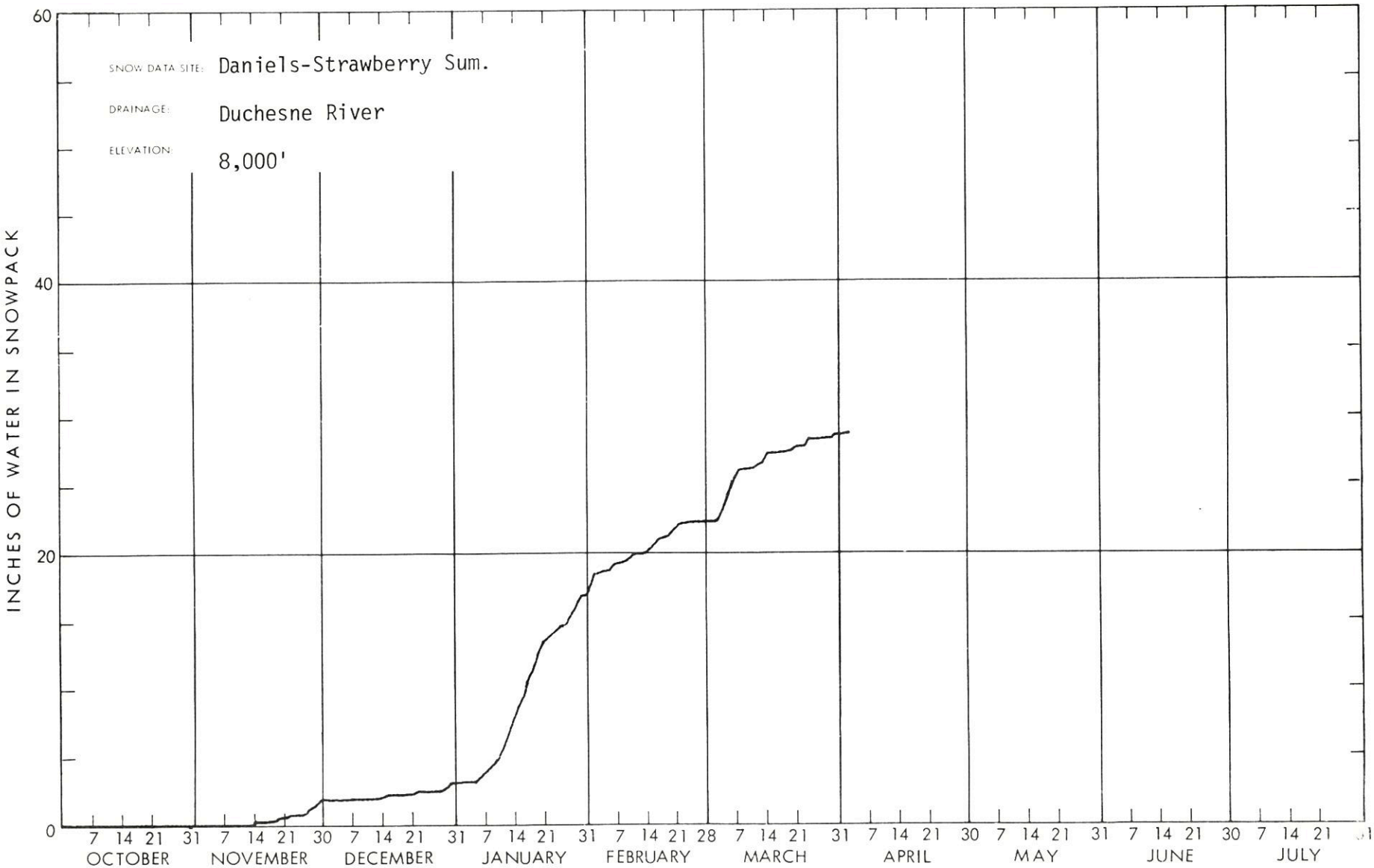
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DRAINAGE: Duchesne River
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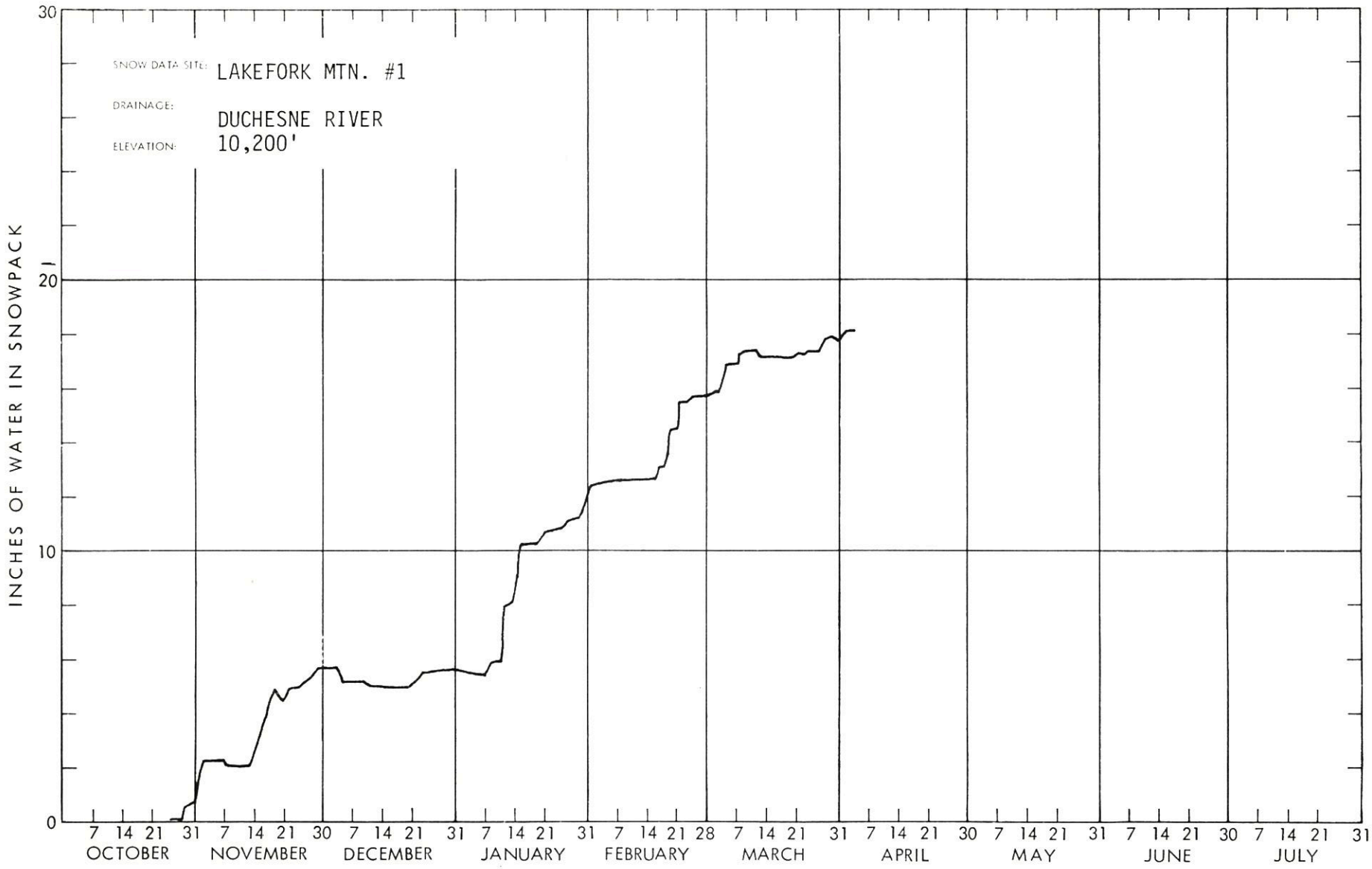
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DRAINAGE: DUCHESNE RIVER
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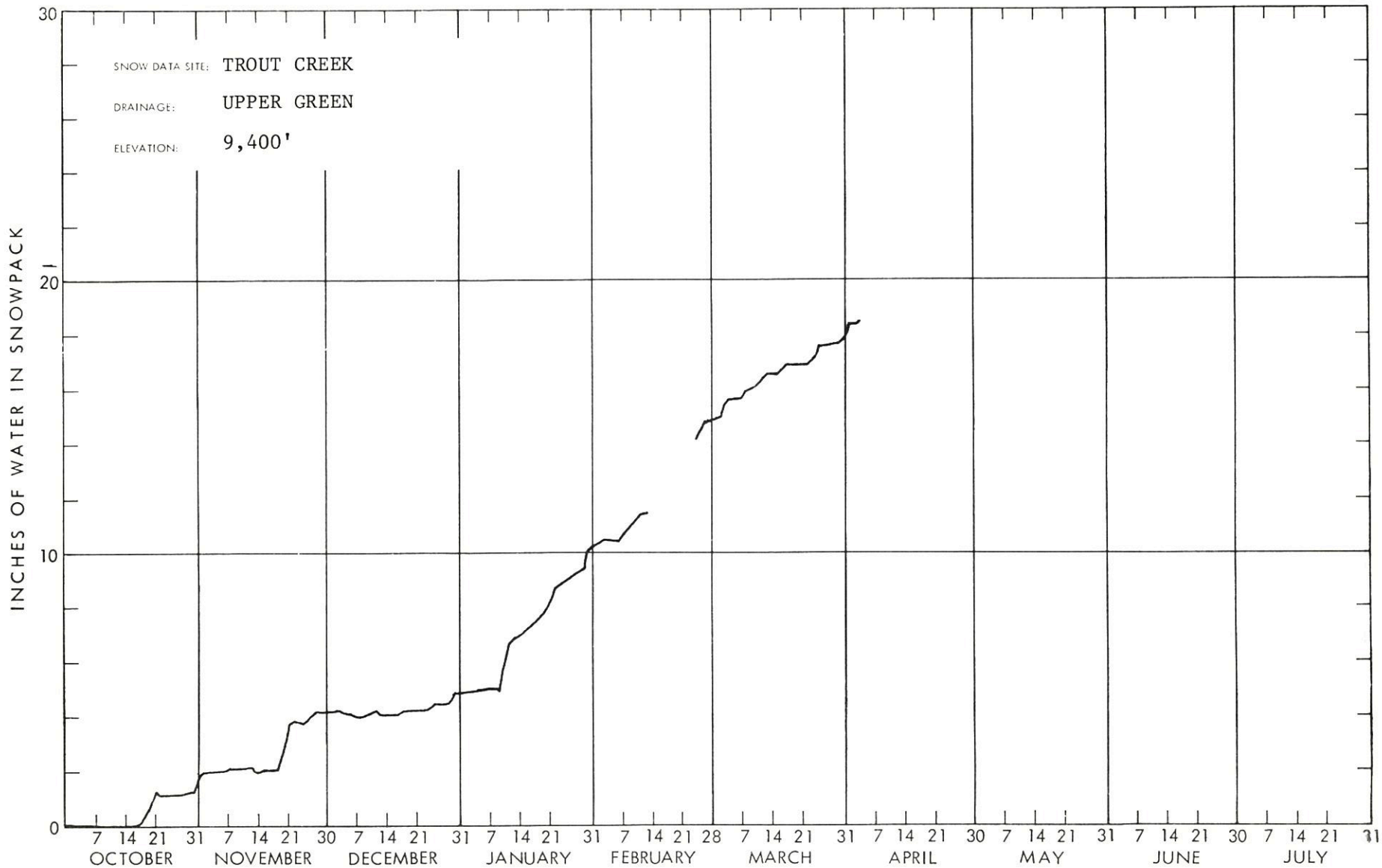
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DRAINAGE: UPPER GREEN
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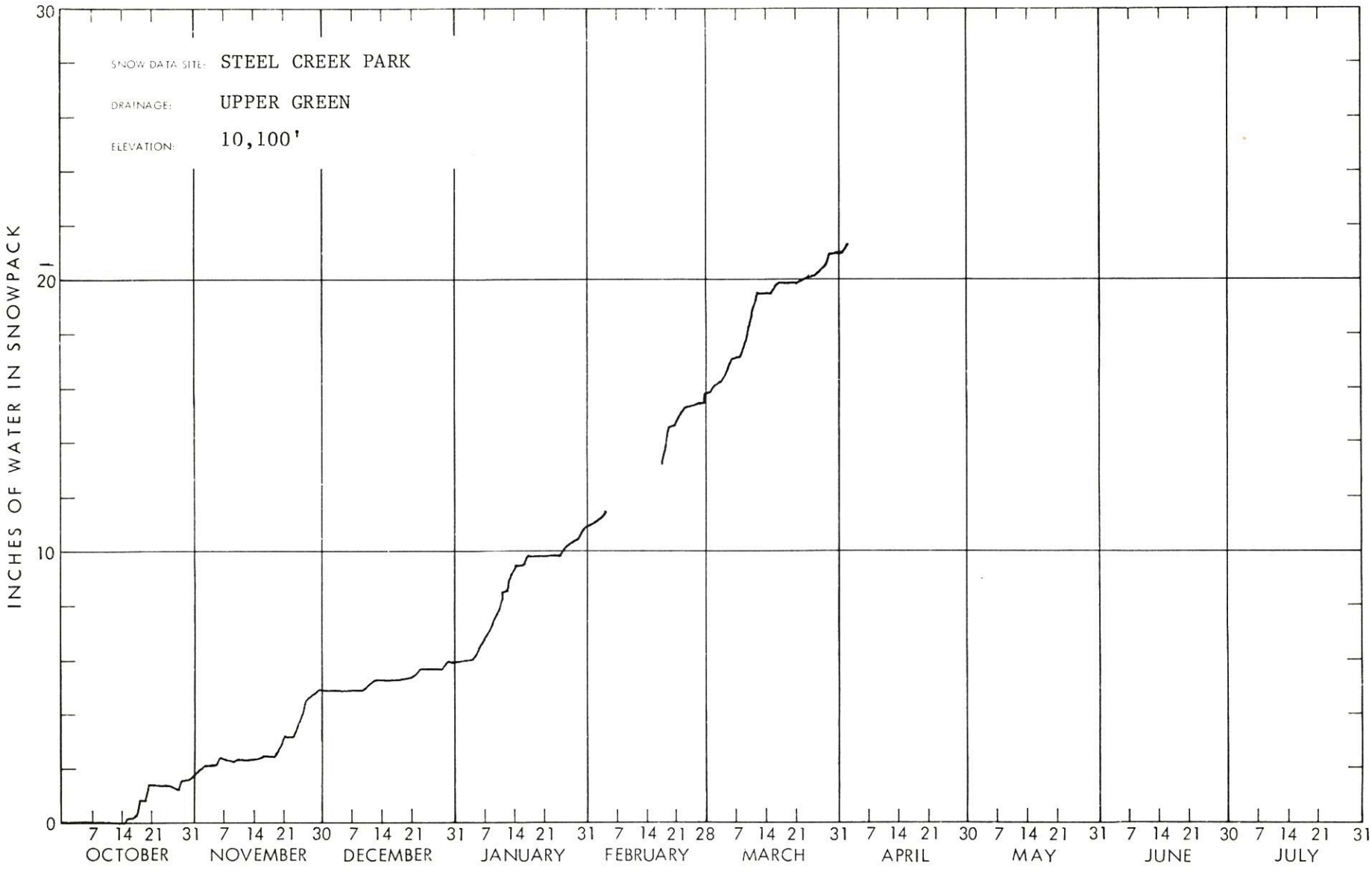
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INCHES OF WATER IN SNOWPACK
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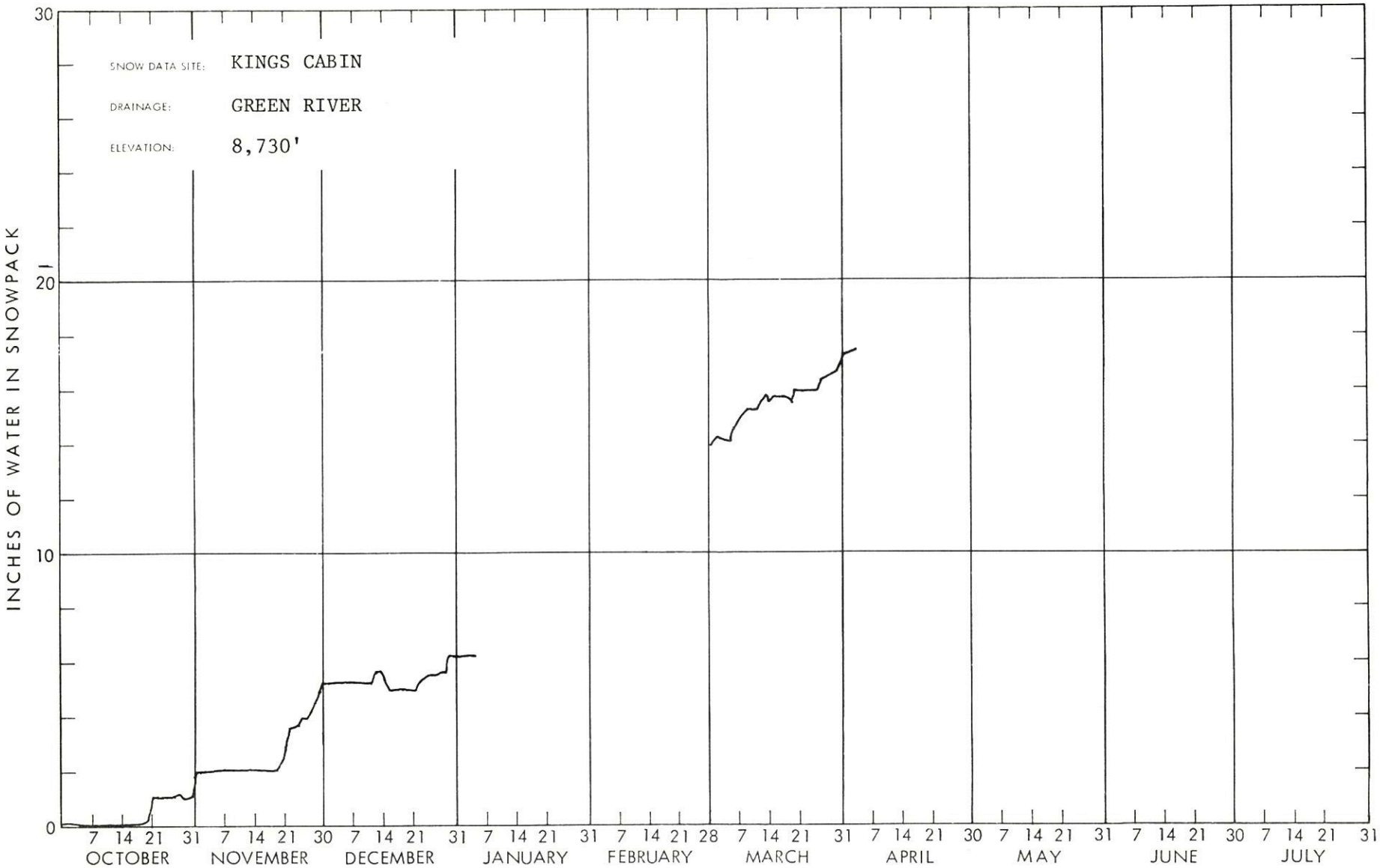
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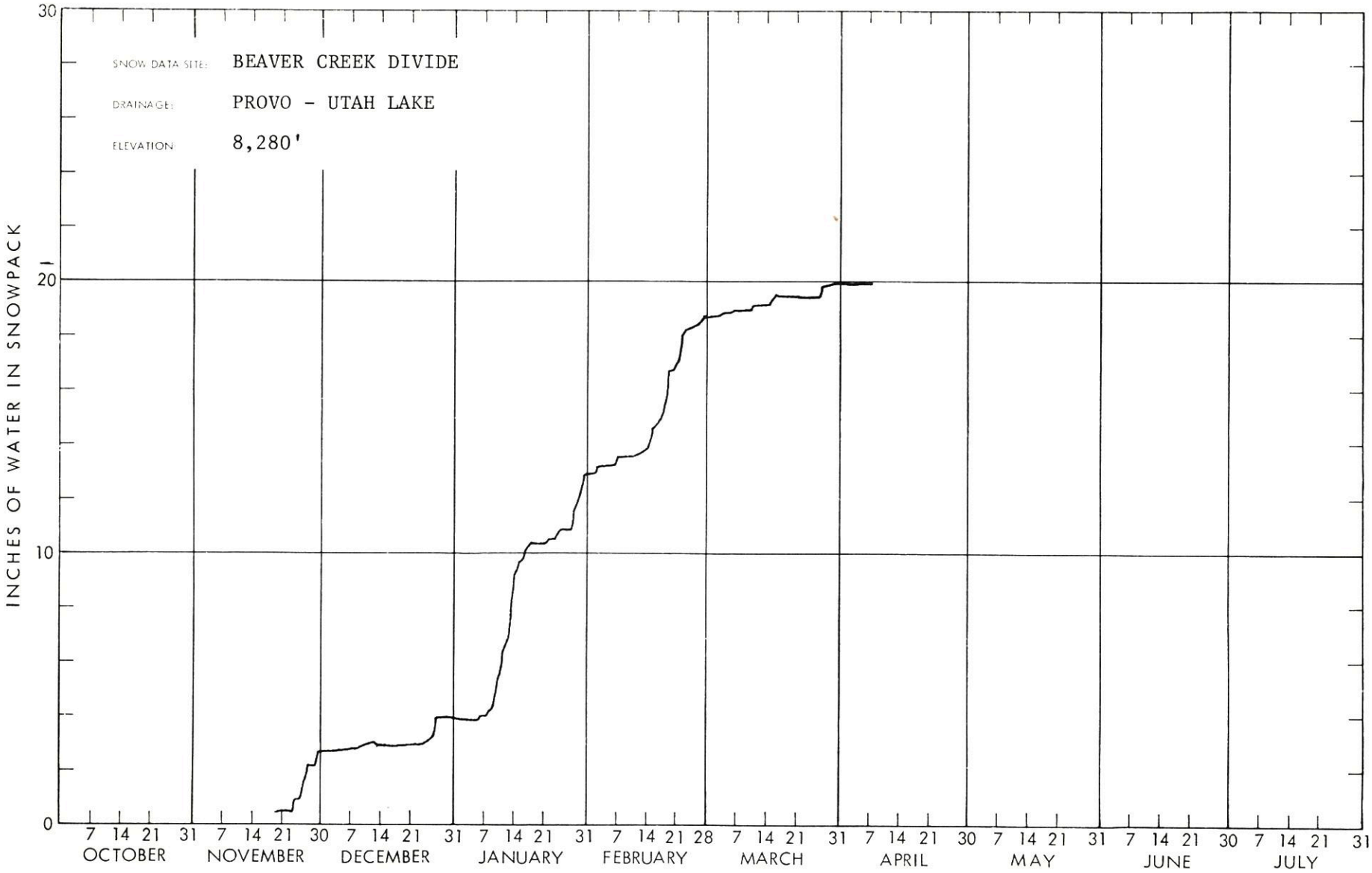
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DRAINAGE: PROVO - UTAH LAKE
ELEVATION: 8,280'
INCHES OF WATER IN SNOWPACK
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7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 31 7 14 21 28 7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 30 7 14 21 31
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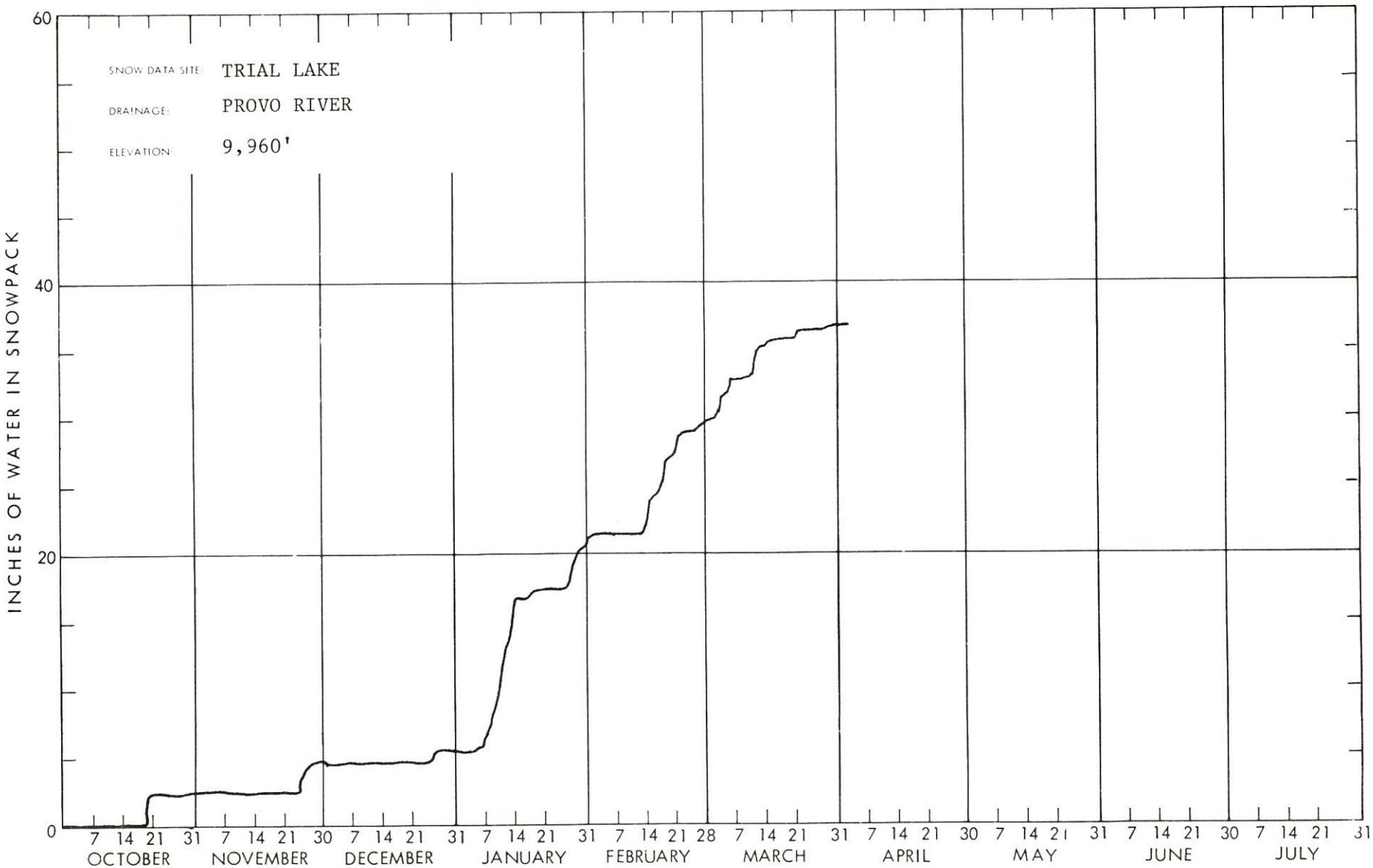
SNOW DATA SITE: TRIAL LAKE
DRAINAGE: PROVO RIVER
ELEVATION: 9,960'
INCHES OF WATER IN SNOWPACK
60
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7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 31 7 14 21 28 7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 30 7 14 21 31
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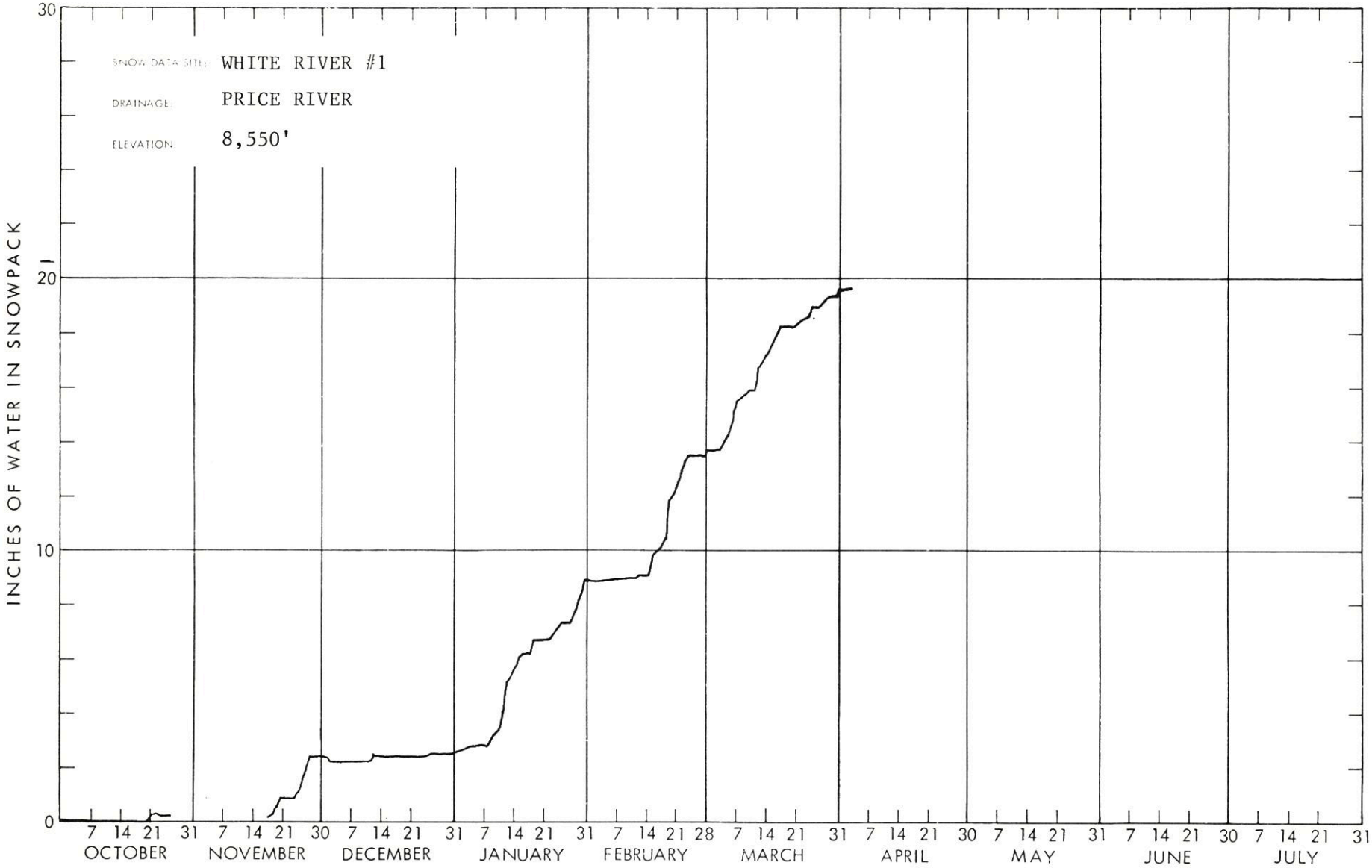
SNOW DATA SITE: WHITE RIVER #1
DRAINAGE: PRICE RIVER
ELEVATION: 8,550'
INCHES OF WATER IN SNOWPACK
30
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7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 31 7 14 21 28 7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 30 7 14 21 31
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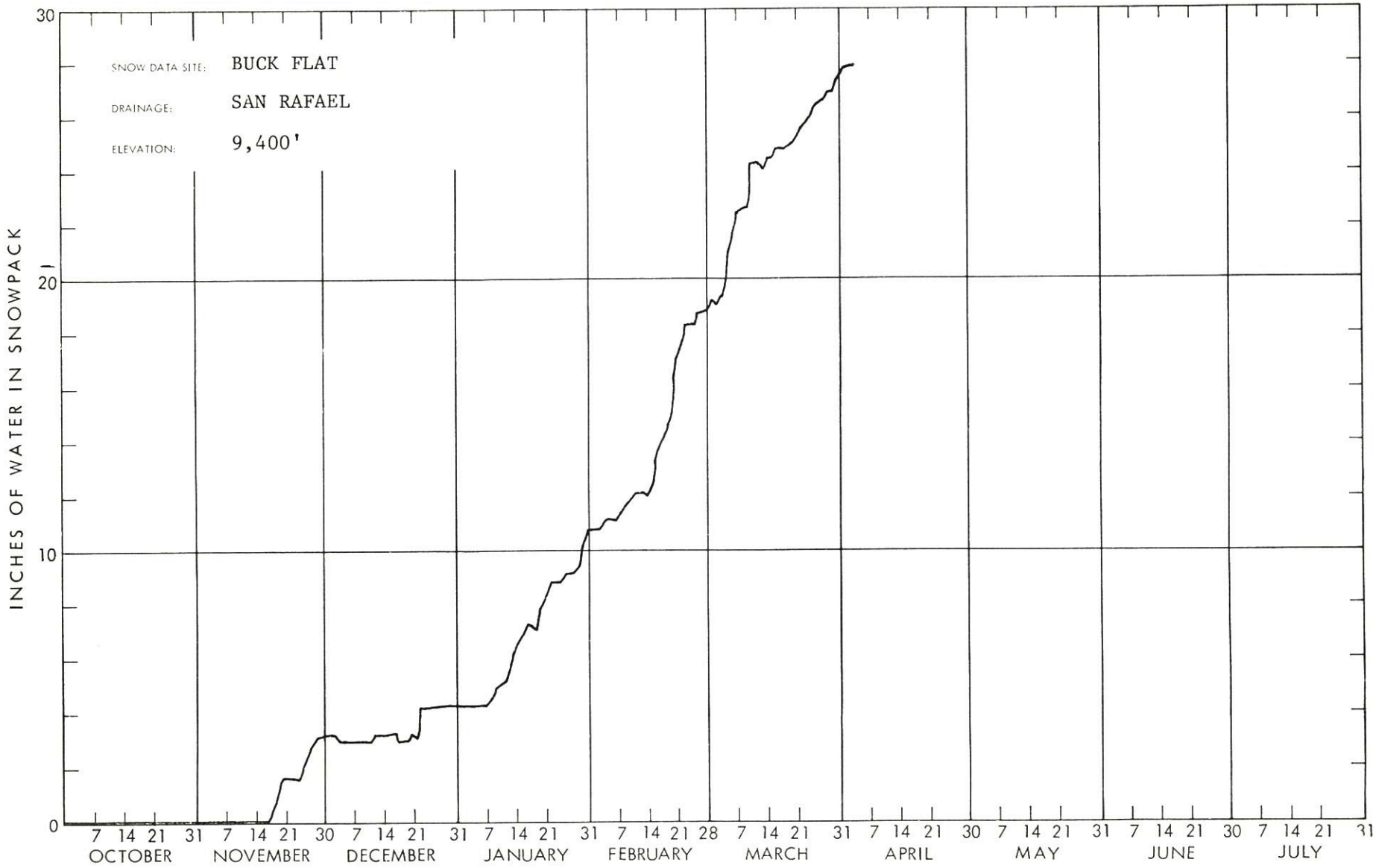

SNOW DATA SITE: BUCK FLAT
DRAINAGE: SAN RAFAEL
ELEVATION: 9,400'
INCHES OF WATER IN SNOWPACK
30
20
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7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 31 7 14 21 28 7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 30 7 14 21 31
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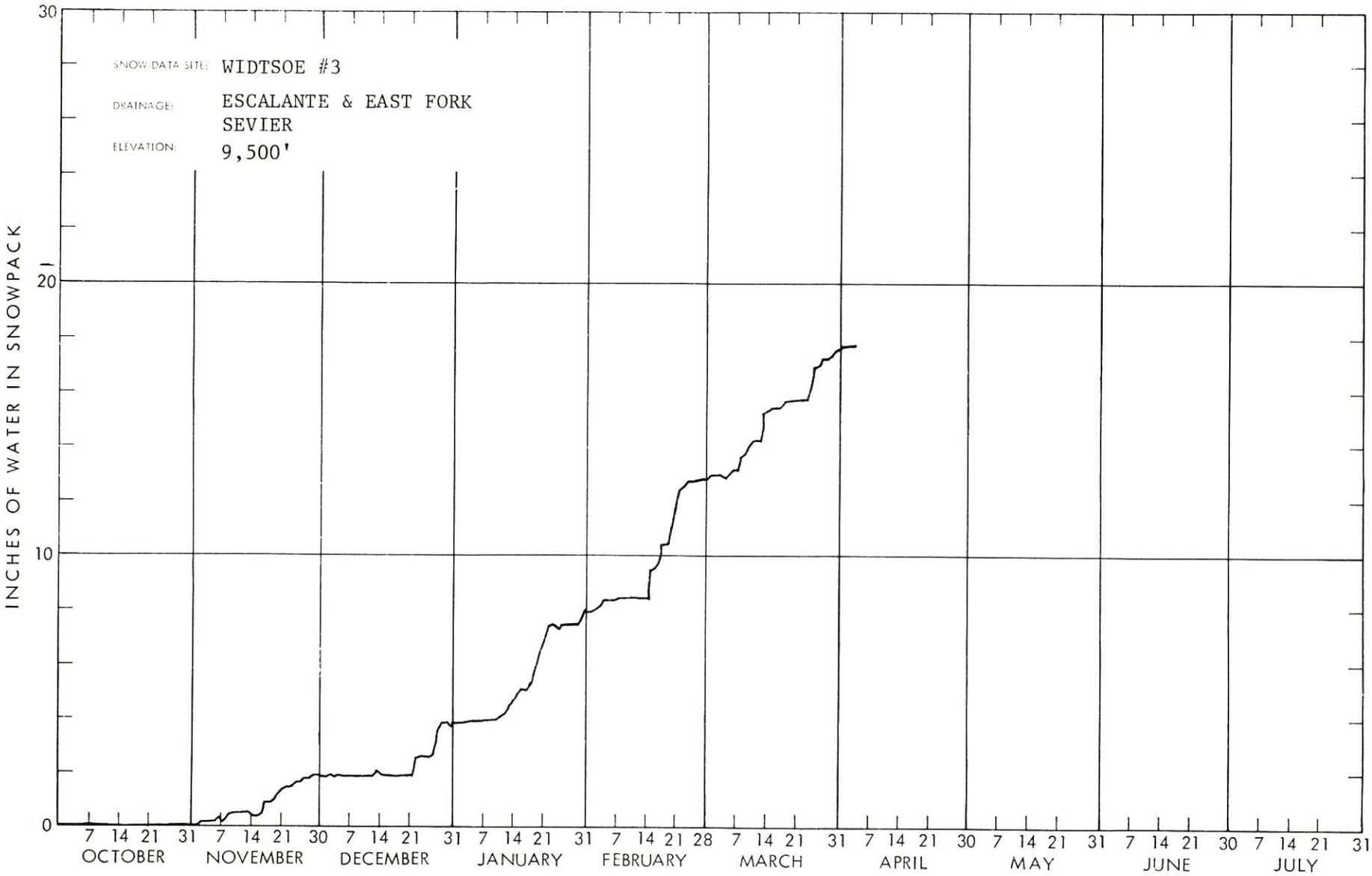

SNOW DATA SITE: WIDTSOE #3
DRAINAGE: ESCALANTE & EAST FORK SEVIER
ELEVATION: 9,500'
INCHES OF WATER IN SNOWPACK
30
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7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 31 7 14 21 28 7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 30 7 14 21 31
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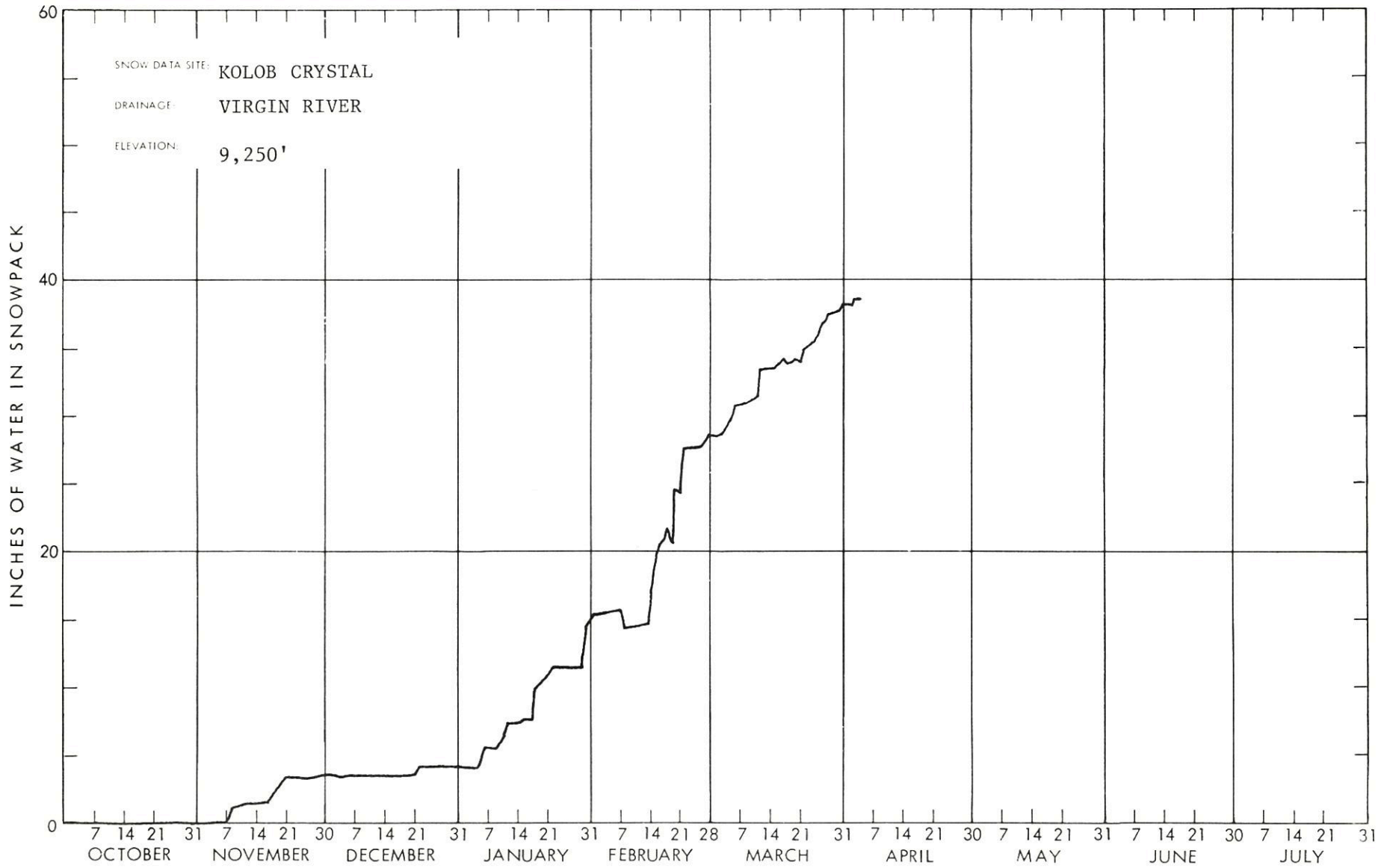
SNOW DATA SITE: KOLOB CRYSTAL
DRAINAGE: VIRGIN RIVER
ELEVATION: 9,250'
INCHES OF WATER IN SNOWPACK
60
40
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7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 31 7 14 21 28 7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 30 7 14 21 31
OCTOBER NOVEMBER DECEMBER JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY

SNOW	THIS YEAR			PAST RECORD		PRECIPITATION (Inches)					
DRAINAGE BASIN and/or SNOW COURSE NAME	Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Water Content (inches) Last Year	Water Content (inches) Average †	CURRENT INFORMATION Date of Reading	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	3/24	30	9.3	5.3	6.1	3/24	1.68	--	12.95	12.00b	108
CCC Camp	3/28	48	13.6	13.4	13.4						
Hayden Fork	3/24	63*	23.0*	17.5	15.9	3/24	3.45	--	24.62	20.06b	123
Monte Cristo R.S.	4/2	81	31.1	24.7	25.9	4/2	6.09	4.68	30.47	25.95	117
Salt River Summit	3/27	55	16.4	18.4	16.9	3/27	3.12	2.97	18.68	17.23	108
Stillwater Camp	3/24	49	15.7	10.7	11.3b	3/24	2.51	--	18.31	12.39	148
Lily Lake	3/24	56	18.4	--	--						
LOWER BEAR RIVER (Below Harer, Idaho)											
Bug Lake	4/2	69	24.8	21.4	20.7a	4/2	4.10	--	24.60	--	--
Christensen Ranch	4/3	33	12.7	9.6	7.6						
Cliff Canyon	4/4	34	10.4	11.0	--						
Cub River R.S.	4/3	26	10.4	9.8	6.9						
Daniels Creek	4/4	26	9.6	6.6	--						
Dry Basin	4/3	99	38.4	30.0	30.2						
Dry Creek Flat	4/4	29	10.4	7.6	5.3						
Emigrant Summit	4/3	83	27.6	23.7	26.0						
Emigration Canyon	4/3	42	14.3	11.3	11.1						
Franklin Basin	4/3	82	32.1	27.8	28.2	4/3	8.80	--	33.30	--	--
Garden City Summit	4/2	60	21.2	20.3	18.5	4/2	3.82	3.43	19.89	19.23	103
Horseshoe Basin	4/3	96	39.8	29.8	25.6						
Klondike Narrows	4/3	64	25.9	20.7	20.7	4/3	3.95	4.25b	25.32	23.85b	98
Liberty Springs	4/4	117	40.7	40.4	39.8						
Little Bear (lower)	4/2	34	12.6	11.7	9.9						
Little Bear (upper)	4/2	46	16.7	16.0	12.9	4/2	5.40a	2.91b	28.50a	18.13b	157
Lower Elkhorn	4/4	52	18.9	12.2	14.0a						
Oxford Mountain	4/4	38	12.3	12.5	9.5a						
Slug Creek Divide	3/26	58	19.5	18.0	18.0						
Steep Hollow #1	4/3	106	42.2	37.5	38.0						
Steep Hollow #2	4/3	81	31.8	27.5	27.0						
Strawberry Creek	4/3	38	12.7	12.7	10.2						
Strawberry Mink Divide	4/3	73	29.3	23.8	21.9						
Tony Grove Lake	4/3	104	41.0	36.3	35.0a		--	4.16b	--	--	--
Tony Grove R.S.	4/3	36	14.0	14.6	11.9	4/3	3.89	2.85b	23.37	--	--
Upper Elkhorn	4/4	71	22.0	19.3	19.5a						
Willow Flat	4/3	41	20.4	19.4	14.8	4/3	4.26	4.04	26.47	22.89	116
Worm Creek	4/3	66	25.2	21.1	--						
RAFT RIVER											
Clear Creek Meadows	3/29	65	19.8	20.4	23.6						
George Peak	Not Measured			21.2	--						
One Mile Summit	3/29	26	7.5	5.9	7.6						
Vipont (A)	3/29	52	17.0	16.5	15.1a						
OGDEN RIVER											
Beaver Creek-Skunk Creek	4/2	45	18.3	14.5	12.0						
Ben Lomond Peak	4/2	132	56.5	45.3	34.1	4/2	12.10	6.17b	56.50	47.13b	120
Ben Lomond Trail	4/2	63	27.8	27.7	16.2b	4/2	6.15	3.76b	43.60	28.74b	152
Causey Dam						4/2	3.45	2.31b	19.72	14.22	139
Dry Bread Pond	4/2	71	29.5	20.6	18.9	4/2	7.90	3.88b	--	20.84	--
Sagebrush Flat	4/2	12	4.9	0.7	2.0	4/2	3.06	2.28b	20.93	14.35	146
WEBER RIVER											
Beaver Creek R.S.	3/26	44	14.9	5.8	7.2						
Chalk Creek #1	3/24	85	30.2	19.9	22.4	3/24	5.60	3.04b	30.20	17.70	171
Chalk Creek #2	3/24	63	19.3	14.7	15.6	3/24	2.80	3.11b	19.30	16.17b	119
Chalk Creek #3	3/24	41	11.9	6.8	7.5	3/24	2.78	2.68b	17.60	13.94b	126
East Shingle Lake (A)	4/4	108	41.0	--	--						
Farmington Canyon (lower)	4/2	90	34.0	30.9	22.4b	4/2	8.52	5.23b	34.05	27.63	123
Farmington Canyon (upper)	4/2	113	43.1	34.4	30.8						
Farmington G.S.						4/2	4.16	5.49	27.52	29.01	95
Horse Ridge	4/2	69	27.3	23.1	21.9b	4/2	5.92	4.24b	30.16	23.64	128
Kilfoil Creek	4/2	64	22.7	17.5	13.5b						
Lost Creek Reservoir				6.4	2.0b	4/2	2.94	--	16.45	--	--
Park City Summit	3/27	91	29.5	--	--						
Parley's Canyon Summit	3/27	78	23.5	17.8	18.5	3/27	5.96	4.07	26.19	22.55	116
Pine Canyon	4/2	67	25.2	--	--						
Redden Mine (lower)	3/24	69	24.1	17.0	18.0	3/24	4.00	--	21.53	--	--
Sargeant Lake (A)	4/4	74	26.6	--	--						
Smith & Morehouse	3/24	54	18.3	14.7	12.9	3/24	3.95	3.04	21.94	17.75	124

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† 1958-1972 period

SNOW	THIS YEAR			PAST RECORD		PRECIPITATION (Inches)					
DRAINAGE BASIN and/or SNOW COURSE NAME	Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Water Content (inches) Last Year	Water Content (inches) Average +	CURRENT INFORMATION Date of Reading	Month's Precipitation	Average +	FROM APPROX. OCT 1 TO DATE This Year	Average +	Percent of Average
PROVO RIVER & UTAH LAKE											
Beaver Creek Divide	3/26	54	20.1	11.5e	10.8a	3/26	4.50	--	21.10a	--	--
Camp Altamont	3/27	72	28.2	23.6	13.4						
Clear Creek Ridge #1	3/26	80	27.2	22.8	18.2	3/26	5.40	5.40b	27.20	21.20b	128
Clear Creek Ridge #2	3/26	67	21.3	17.0	13.6	3/26	4.10	2.71b	22.08	16.06b	137
Clear Creek Ridge #3	3/26	33	10.8	6.9	5.2						
Dutchman R.S.	3/28	85	33.8	22.2	15.4	3/28	5.35	3.07b	32.85	20.82	158
Hobble Creek Summit	3/26	62	21.3	21.8	12.9	3/26	3.84	2.70	25.63	17.19	149
Payson R.S.	3/26	69	24.1	22.7	18.4	3/26	3.38	2.90	23.68	17.95	132
Soapstone R.S.	3/26	54	19.2	12.4	11.6	3/26	3.45	2.40	21.02	16.22	130
South Fork R.S.	3/28	18	7.4	11.4	3.2						
Timpanogos Cave Camp	3/28	1	0.1	1.5	0.6						
Timpanogos Divide	3/27	107	40.2	31.4	23.5	3/27	5.70	3.36	40.70	25.09	162
Trial Lake	3/26	102	38.6	27.0e	23.5	3/26	4.65	3.77	32.70	23.84	137
JORDAN RIVER & GREAT SALT LAKE											
Bevan's Cabin	3/30	38	12.3	10.1	11.5						
Lamb's Canyon #2	3/27	69	21.8	14.6	--	3/27	4.07	--	21.49	--	--
Middle Canyon	3/29	44	19.2	16.9	14.1	3/29	8.80	3.39	32.80	15.92	206
Mill Creek	3/31	81	25.9	17.6	--						
Mill D South Fork	3/28	73	24.0	18.4	19.9						
Mtn. Dell Dam						WB	4.20	2.09	13.60	13.23	103
Rock Basin Settlement Canyon	3/26	105	39.8	29.2	27.1	3/26	--	--	36.82	24.01b	153
Silver Lake (Brighton)	3/28	107	37.2	28.0	24.9	WB	7.38	4.80	35.63	27.18	131
Snowbird (Gad Valley)	3/31	146	53.8	34.0	--						
Vernon Creek	3/28	59	17.3	17.4	11.2a	3/28	4.70	2.51b	23.70	15.27	155
Deseret Peak	3/26	99	33.5	30.0	--						
UPPER SEVIER RIVER (South of Richfield, Utah)											
Box Creek	3/25	63	19.7	19.0	12.9	3/25	4.13	2.79	20.04	13.89	144
Bryce Canyon	3/29	38	11.4	10.8	3.1						
Castle Valley	3/25	67	21.3	21.2	11.3	3/25	4.18	2.77	20.77	13.89	150
Duck Creek R.S.	3/29	80	28.7	29.4	11.5	3/31	5.90	3.28b	31.63	16.53	191
Farview	3/28	58	18.8	21.0	--						
Harris Flat	3/29	53	20.7	23.0	6.5	3/29	3.80a	--	21.50a	--	--
Kimberly Mine	3/25	80	25.4	20.4	15.8	3/25	4.79	3.79b	24.61	18.17	135
Midway Valley	3/29	113	38.0	43.2	20.1	3/29	4.78	3.71b	29.80	19.17b	155
Panguitch Lake	3/25	31	8.7	11.2	2.9	3/25	1.84	1.38	11.56	7.89	147
Rainbow Point	4/1	67	25.6	24.3	--						
Squaw Springs	3/25	47	14.3	12.3	6.6						
LOWER SEVIER RIVER (Including San Pitch River)											
Beaver Dams	3/26	51	16.7	15.8	10.6	3/26	4.44	2.41	19.40	13.07	148
Farnsworth Lake	3/29	88	23.5	19.0	19.5	3/29	6.60	4.33	25.85	19.56	132
G.B.R.C. Headquarters	3/26	79	26.9	23.2	15.8	3/26	5.50	4.08	26.99	18.29	148
G.B.R.C. Majors						3/31	4.00	1.56b	16.95	8.51	199
G.B.R.C. Meadows	3/26	96	31.3	29.2	22.4	3/26	6.10	4.10	30.98	21.67	143
G.B.R.C. Oaks						3/31	4.85	2.17	19.53	11.87	165
Gooseberry R.S.	3/28	65	16.8	11.8	12.0	3/28	4.66	3.04b	17.64	12.91b	137
Gooseberry Reservoir						3/27	6.17	2.75	29.77	18.11	164
Mammoth-Cottonwood Creek	3/27	89	30.6	27.0	20.3	3/27	7.50	2.75b	31.00	18.11b	171
Middle Fork	3/26	100	26.3	28.9	23.4						
Mt. Baldy R.S.	3/26	102	30.8	34.8	21.8	3/26	5.31	3.14	25.97	16.90	154
Oak Creek	3/27	67	21.6	--	11.5b	3/27	2.65	--	25.47	13.78b	185
Pickle Keg Springs	3/26	70	22.9	17.0	16.1b	3/26	5.90b	--	24.90	--	--
Pine Creek	3/25	62	19.7	15.8	15.2	3/25	5.13	4.94	23.25	23.47	99
Ree's Flat	3/26	61	19.1	14.1	12.2	3/26	4.83	--	22.55	--	--
Shingle Mill	3/27	32	11.2	--	8.4	3/27	3.60	3.10	28.30	15.68	180
Thistle Flat	3/26	72	22.8	20.5	15.9						
BEAVER RIVER											
Beaver Race Track	Not Measured			0.2	--			1.72		8.53	
Big Flat	3/25	92	28.4	27.7	16.1	3/25	5.14	3.00	25.65	15.53	165
Merchant's Valley (upper)	3/25	68	20.0	17.4	9.7b	3/25	4.85	2.96b	22.00	14.25	154
Otter Lake	3/25	76	21.9	24.0	12.3						

+ 1958-1972 period

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SNOW	THIS YEAR			PAST RECORD		PRECIPITATION (Inches)					
DRAINAGE BASIN and/or SNOW COURSE				Water Content (inches)		CURRENT INFORMATION			FROM APPROX. OCT. 1 TO DATE		
NAME	Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Last Year	Average +	Date of Reading	Month's Precipitation	Average +	This Year	Average +	Percent of Average
PAROWAN CREEK											
Birch Crossing	3/27	42	13.7	13.5	5.3b						
Brian Head	3/25	97	30.8	30.0	19.9b						
Tall Poles	3/31	86	27.5	21.2	13.8b	3/31	6.15	3.02b	26.40	14.89b	177
Yankee Reservoir	3/25	57	14.0	15.2	9.0	3/25	3.75	2.73b	17.43	12.13	144
ENTERPRISE TO NEW HARMONY DRAINAGES											
Little Grassy Creek	3/29	18	8.0	13.7	2.0	3/29	4.81	2.16	24.06	14.49	166
Long Flat	3/29	46	15.4	15.4	5.5	3/29	4.59	2.40	21.60	11.63	186
COAL CREEK											
Cedar City Golf Course SUSC Ranch	3/27	47	17.8	19.8	6.1b						
COLORADO RIVER DRAINAGE											
UPPER GREEN RIVER - UTAH											
Ashley-Twin Lakes (A)	4/2	84	25.2	--	--						
Black's Fork G.S.-East Fork	3/24	44	13.6	11.7	9.0	3/24	2.45	2.43	15.13	11.94	127
Black's Fork Junction	3/24	47	15.1	11.0	9.2	3/24	2.03	2.25	16.02	11.62	138
Buck Pasture (A)	4/2	75	24.0	--	--						
Burnt Creek	3/26	28	7.8	6.0	--	3/26	1.50	1.51b	12.40	8.83b	140
Dutch John Junction	3/26	27	8.0	5.8	--						
Grizzly Ridge	3/26	56	17.3	13.3	--	3/26	3.30	2.23b	19.55	12.78	153
Henrys Fork (A)	4/2	61	18.3	--	--						
Hewinta G.S.	3/24	46	15.0e	12.0	9.4			2.50		12.50	
Hickerson Park	3/25	44	14.6	5.7	5.9b	3/25	1.63	1.76b	11.85	9.41b	126
Hole in the Rock	3/28	37	8.9	7.1	5.0						
Hole in the Rock G.S.	3/28	38	9.1	5.6	1.4						
King's Cabin (upper)	3/25	59	18.5	15.5	9.8	3/25	3.39	1.90	17.54	11.14	157
Middle Beaver Creek	3/28	52	12.5	6.3	4.5b						
Reynolds Park (A)	4/2	80	22.4	--	--						
Spirit Lake	3/25	65	19.1	18.0	12.1	3/25	3.50	2.57b	18.40	13.61b	135
Steel Creek Park	3/24	66	21.0	17.0	15.6	3/24	2.60a	2.75b	17.50	20.85b	84
Trout Creek	3/25	58	18.1	16.7	--	3/25	3.25	--	17.85	--	--
Windy Park (A)											
DUCHESNE RIVER											
Atwood Lake (A)	4/2	51	16.3								
Brown Duck Ridge	3/26	85	22.5	22.0e	17.4a	3/26	3.60	3.41b	26.80	20.70b	129
Chepeta-Whiterocks (A)	4/2	77	21.6	--	--						
Currant Creek	3/26	58	19.2	14.3	7.7	3/26	3.32	2.14b	22.31	13.79b	162
Daniels-Strawberry	3/26	67	24.7	18.2	13.7	3/26	5.21	2.68	29.52	17.81	166
East Portal	3/31	59	17.8	16.0	10.9	3/31	4.02	2.51b	24.19	16.73	145
Five Points Lake (A)	4/2	81	25.9	--	--						
Indian Canyon	3/27	62	19.7	21.7e	12.0	3/27	2.94	1.91	20.40	12.78	160
Jackson Park	3/26	72	22.7	13.8e	11.5b	3/26	3.55	--	20.60	--	--
Lakefork Basin (A)	4/2	79	22.9	--	--						
Lakefork Mountain	3/26	59	19.1	12.7e	10.6	3/26	2.86	2.08	18.52	12.62	147
Lakefork Mountain #3	3/26	47	14.4	6.4e	5.3						
Lightning Lake (A)	4/2	90	34.2	--	--						
Mosby Mountain	3/25	68	18.7*	15.7	8.6	3/25	4.00	1.47	19.50	12.00	162
Paradise Park	3/25	69	19.3	21.5e	11.8	3/26	4.45	1.78b	17.90	13.05	137
Rock Creek Ranch	3/26	44	12.3	7.3	5.8	3/26	2.42	--	17.12	11.04	155
Strawberry Divide	3/31	81	27.3	23.2	18.5	3/31	4.00a	--	28.00	--	--
PRICE RIVER											
Dry Valley Divide Alternate	3/27	51	16.9	15.4	--						
Mud Creek	3/27	71	23.1	17.1	12.3	3/27	4.47	2.56	22.65	14.25	159
White River #1	3/27	58	20.1	18.8	12.8	3/27	3.30	2.14	18.95	13.22	143
White River #3	3/27	41	13.8	9.1	6.1						

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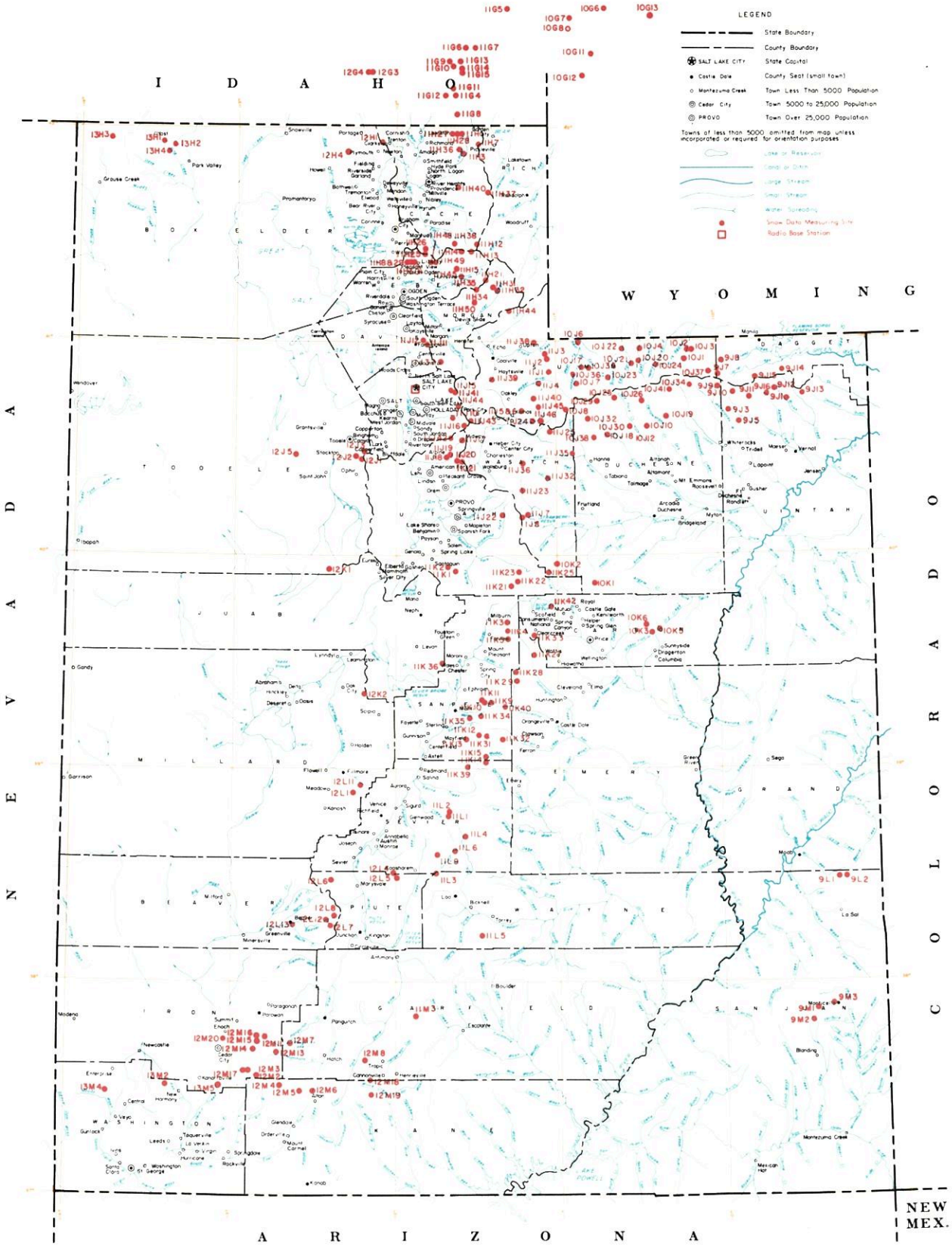
+ 1958-1972 period

SNOW	THIS YEAR			PAST RECORD		PRECIPITATION (Inches)					
				Water Content (inches)		CURRENT INFORMATION			FROM APPROX. OCT 1 TO DATE		
DRAINAGE BASIN and/or SNOW COURSE NAME	Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Last Year	Average +	Date of Reading	Month's Precipitation	Average +	This Year	Average +	Percent of Average
SAN RAFAEL RIVER											
Buck Flat	3/26	82	25.6	23.0	15.4	3/26	5.19	2.71	25.66	17.21	149
Huntington-Horseshoe	3/27	94	32.3	28.8	22.7						
Orange Olsen	3/28	31	9.3	--	--	3/28	2.27	1.01b	13.94	7.40	188
Red Pine Ridge	3/28	78	24.2	20.3	16.5	3/28	5.42	3.54	25.55	19.79	129
Seeley Creek R.S.	3/26	68	24.0	19.1	16.0						
Stuart R.S.	3/27	52	16.8	11.3	6.5	3/27	2.31	--	16.30	11.62	140
Upper Joe's Valley	3/28	58	17.2	13.2	9.5						
Wrigley Creek	3/26	62	19.6	17.9	10.1						
MUDDY RIVER											
Black's Fork	3/26	64	20.1	15.6	12.6						
Dill's Camp	3/26	65	20.2	14.6	11.4	3/26	3.91	--	20.34	14.40b	141
FREMONT RIVER											
Black's Flat-U.M. Creek	3/29	57	16.8	13.0	10.4	3/29	4.46	2.46b	18.12	12.10b	150
Donkey Reservoir	3/29	58	14.8	--	6.9b						
Fish Lake	3/25	37	10.6	15.2	7.0	3/25	2.27	1.68	25.87	9.18	282
Johnson Valley	3/25	44	12.4	11.4	6.1						
SOUTHEASTERN UTAH DRAINAGES											
Buckboard Flat	3/25	75	23.3	27.6	11.7	3/25	3.48	2.96	18.66	18.14	103
Camp Jackson	3/25	82	26.6	28.0	10.8	3/25	4.92	2.51	19.19	16.78	114
LaSal Mountain (lower)	3/26	71	19.8	14.6	8.6						
LaSal Mountain (upper)	3/26	88	26.2	25.8	15.3	3/26	8.00a	3.14	25.08a	14.18	177
Monticello City Park	3/26	1	0.1e	0.0	--						
ESCALANTE RIVER											
Widtsoe-Escalante #3	3/29	64	20.3	24.0	9.9	3/29	4.20	2.40	19.86	12.07	165
VIRGIN RIVER											
Kolob-Crystal	3/29	115	39.0	45.0	21.8a						
Long Valley Junction	3/29	34	14.7	13.6	2.7						
Webster Flat	3/29	105	33.5	36.6	15.7	3/29	6.99	4.00	36.32	19.15	190

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 COURSES AND RELATED DATA MEASURING SITES

UTAH

1980

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. 1979 M7-OL-22027

INDEX TO UTAH, BEAR & UPPER COLORADO RIVER BASINS

GREAT BASIN DRAINAGE

NO	STATE	NAME	SEC	TWP	RGE	ELEV
		UPPER BEAR RIVER (above Harer, Idaho)				
10G11	W	Big Park	7	27N	117W	8,700
10J6P	U	Burts-Miller Ranch	19	3N	10E	7,900
10G7	W	CCC Camp x	9	29N	118W	7,500
10J36p	U	Gold Hill	15	1N	9E	10,000
10J7PST	U	Hayden Fork	25	1N	9E	9,400
10G12	W	Kelly Ranger Station	13	26N	118W	8,200
10J35p	U	Lily Lake	34	2N	10E	9,050
11H12PST	U	Monte Cristo R.S.	4	8N	4E	8,960
10G6	W	Poison Meadows x	29	30N	116W	8,500
10G8P	W	Salt River Summit x	32	29N	118W	7,900
10G13MP	W	Snyder Basin x	15	29N	115W	8,400
10J17P	U	Stillwater Camp	32	2N	10E	8,550
		LOWER BEAR RIVER (below Harer, Idaho)				
11H37pST	U	Bug Lake	18	11N	5E	7,950
11G11	I	Christensen Ranch	27	13S	41E	5,600
11H38p	U	Cinnamon Creek	5	8N	3E	7,300
12H1p	U	Clarkston Mountain	29	14N	2W	6,300
11G12	I	Cub River Ranger Station	5	15S	41E	5,400
11G14a	I	Dry Basin	30	13S	42E	7,900
12G4	I	Dry Creek Flat	31	13S	37E	6,350
11G6	I	Emigrant Summit	21	12S	42E	7,350
11G7	I	Emigration Canyon (mouth)	24	12S	42E	6,500
11G8MPST	I	Franklin Basin	1	16S	41E	8,000
11H7MP	U	Garden City Summit	34 & 35	14N	4E	7,600
11H40p	U	Herd Hollow	3	11N	3E	7,200
11G15a	I	Horseshoe Basin	31	13S	42E	8,000
11H1MP	U	Klondike Narrows	10	14N	3E	7,400
11G13	I	Liberty Springs	7	13S	42E	8,240
11H26	U	Little Bear (lower)	16	8N	1E	6,000
11H25PST	U	Little Bear (upper)	22	8N	1E	6,550
12G3	I	Oxford Mountain	32	13S	37E	6,800
11G5	I	Slug Creek Divide	15	10S	44E	7,225
11H27	U	Steep Hollow #1	7	14N	3E	8,500
11H28	U	Steep Hollow #2	9	14N	3E	7,700
11G9	I	Strawberry Creek	9	13S	41E	5,800
11G10	I	Strawberry Mink Divide	14	13S	41E	6,800
11H36PST	U	Tony Grove Lake	5	13N	3E	8,400
11H3MP	U	Tony Grove Ranger Station	11	13N	3E	6,250
11G4P	I	Willow Flat	2	15S	41E	6,100
		RAFT RIVER				
13H2a	U	Clear Creek Meadows	26	14N	14W	9,050
13H4PS	U	George Peak	4	13N	14W	9,000
13H1	U	One Mile Summit	17	14N	14W	7,330
13H3a	U	ViPont	17	14N	17W	7,670
		OGDEN RIVER				
11H14M	U	Beaver Creek-Skunk Creek	22	8N	3E	7,150
11H8PST	U	Ben Lomond Peak	3	7N	1W	8,000
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
		PROVO RIVER & UTAH LAKE (continued)				
11J25P	U	Soapstone R.S.	9	3S	8E	7,800
11J19	U	South Fork R.S.	24	4S	2E	6,100
11J18	U	Timpanogos Cave Camp	27	4S	2E	5,500
11J21PST	U	Timpanogos Divide	33	4S	3E	8,140
10J8PST	U	Trial Lake	5	2S	9E	9,960
		JORDAN RIVER & GREAT SALT LAKE				
12J2	U	Bevan's Cabin	24	4S	4W	6,450
12J5P	U	Deseret Peak	15	4S	7W	9,250
11J41P	U	Lamb's Canyon #2	21	1S	3E	7,500
12J3P	U	Middle Canyon	8	4S	3W	7,000
11J44	U	Mill Creek	25	1S	2E	6,950
11J10	U	Mill D South Fork	18	2S	3E	7,400
12J1P	U	Rocky Basin-Settlement Canyon	30	4S	3W	8,900
11J16P	U	Silver Lake (Brighton)	35	2S	3E	8,725
11J42	U	Snow Bird (Gad Valley)	18	3S	3E	9,700
12K1PST	U	Vernon Creek	21	10S	5W	7,500
		UPPER SEVIER RIVER (South of Richfield, Utah)				
12L4PST	U	Box Creek	33	26S	2W	9,300
12M8	U	Bryce Canyon	36	36S	4W	8,000
12M13PST	U	Castle Valley	23	36S	8W	9,580
12M4P	U	Duck Creek R.S.	11	38S	8W	8,700
12M1B	U	Farview	32	37S	4W	8,200
12M5PST	U	Harris Flat	24	38S	7W	7,700
11L9p	U	High-Top Mountain	36	25S	1E	11,400
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

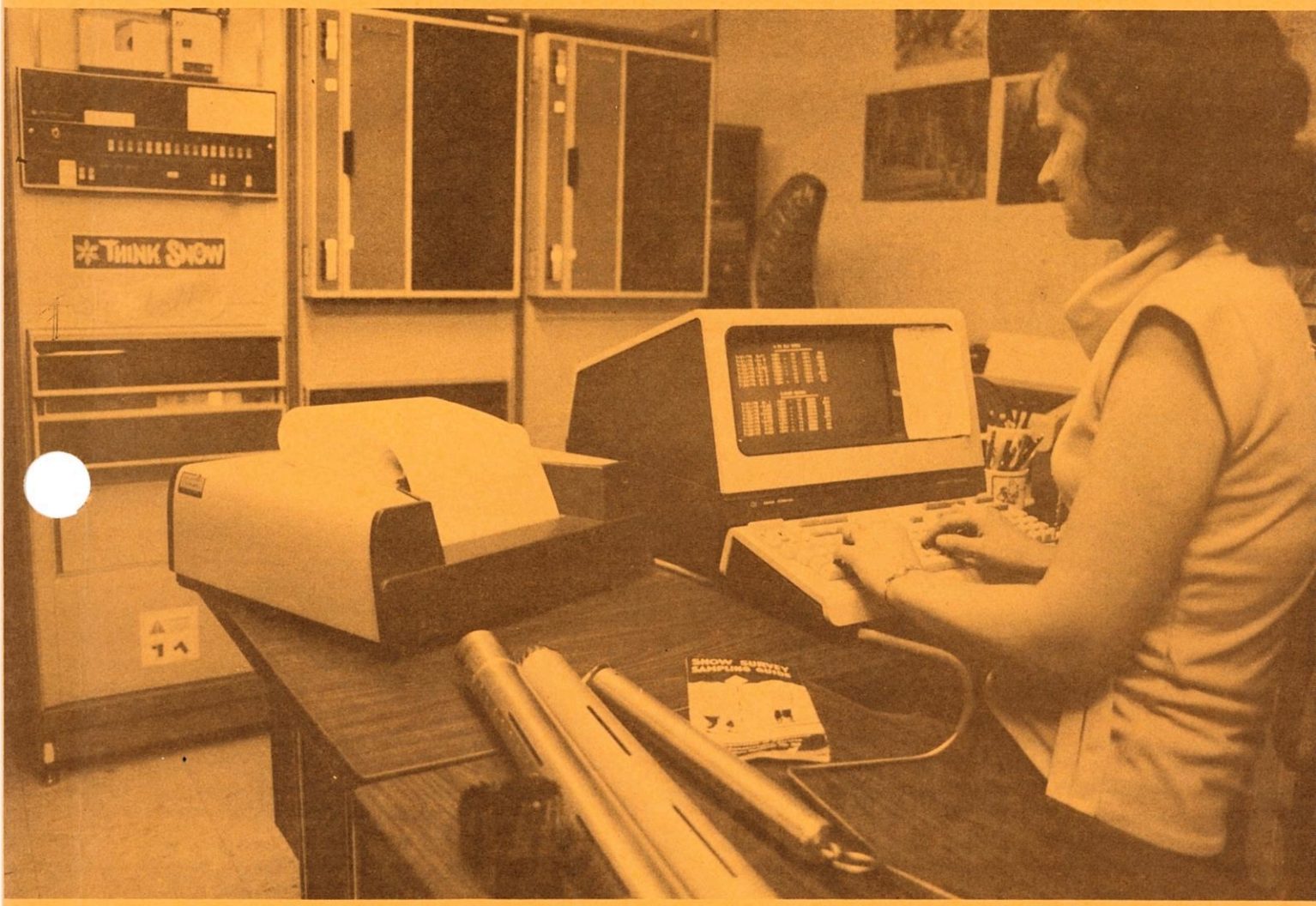
COLORADO RIVER DRAINAGE

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
		UPPER GREEN RIVER IN UTAH (above Duchesne River) (continued)				
9J1PST	U	King's Cabin (upper)	22	1S	21E	8,730
10J37p	U	McCoy Park	6	1N	17E	10,680
10J2	U	Middle Beaver Creek	31	3N	16E	8,650
9J10aP	U	Reynolds Park	9	1S	18E	10,400
9J7P	U	Spirit Lake	10	1N	17E	10,300
10J20PST	U	Steel Creek Park	17	2N	13E	10,100
9J16PST	U	Trout Creek	9	1S	20E	9,400
9J12ap	U	Windy Park	2	1S	20E	9,400
		DUCHESNE RIVER				
10J41ap	U	Atwood Lake	13	4N	4W	10,840
10J30PST	U	Brown Duck Ridge	8	2N	6W	10,600
9J9ap	U	Chepeta-Whiterocks Lakes	3	4N	1W	10,350
11J32MPST	U	Currant Creek	26	1S	11W	8,000
11J23MPST	U	Daniels-Strawberry Summit	20	2S	12W	8,000
11J7P	U	East Portal	36	7S	6E	7,560
10J26ap	U	Five Point Lake	28	4N	5W	11,000
10K1PST	U	Indian Canyon	2	11S	10E	9,100
10J19P	U	Jackson Park	25	3N	4W	10,600
10J34p	U	Kidney Lake	28	5N	3W	11,000
10J25ap	U	Lakefork Basin	13	4N	7W	11,100
10J10PST	U	Lakefork Mountain	2 & 3	2N	5W	10,200
10J12	U	Lakefork Mountain #3	20	2N	4W	8,400
10J29ap	U	Lightning Lake	23	4N	8W	10,500
9J5PST	U	Mosby Mountain	33	3N	1E	9,500
9J3P	U	Paradise Park	7	3N	1E	10,100
10J18P	U	Rock Creek	21	2N	7W	7,900
10J32p	U	Shadow Lake	29	3N	8W	10,150
11J8PST	U	Strawberry Divide	2	4S	12W	8,400
11J35P	U	West Fork of the Duchesne	22	1N	11W	9,480
		PRICE RIVER				
10K5M	U	Corral	32	13S	14E	8,200
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	Snotel Data Site.

Water Supply Outlook For Utah



SOIL CONSERVATION SERVICE
U.S. DEPARTMENT OF AGRICULTURE

Cooperating with

UTAH STATE DEPARTMENT of NATURAL RESOURCES

AS OF
MAY 1, 1980

USDA-SCS PORTLAND, OR 1979

WATER SUPPLY OUTLOOK FOR UTAH

and

FEDERAL - STATE - PRIVATE COOPERATIVE SNOW SURVEYS

Issued by

NORMAN A. BERG

ADMINISTRATOR
SOIL CONSERVATION SERVICE
WASHINGTON, D.C.

Released by

GEORGE D. McMILLAN

STATE CONSERVATIONIST
SOIL CONSERVATION SERVICE
SALT LAKE CITY, UTAH

In Cooperation with

UTAH STATE DEPT. OF NATURAL RESOURCES

DEE C. HANSEN
State Engineer
Division of Water Rights

DANIEL F. LAWRENCE
Director
Division of Water Resources

Report prepared by

BOB L. WHALEY, Snow Survey Supervisor
DAVID A. JOHNCOX, Hydrologic Technician
and
JOAN E. OLSEN, Clerk

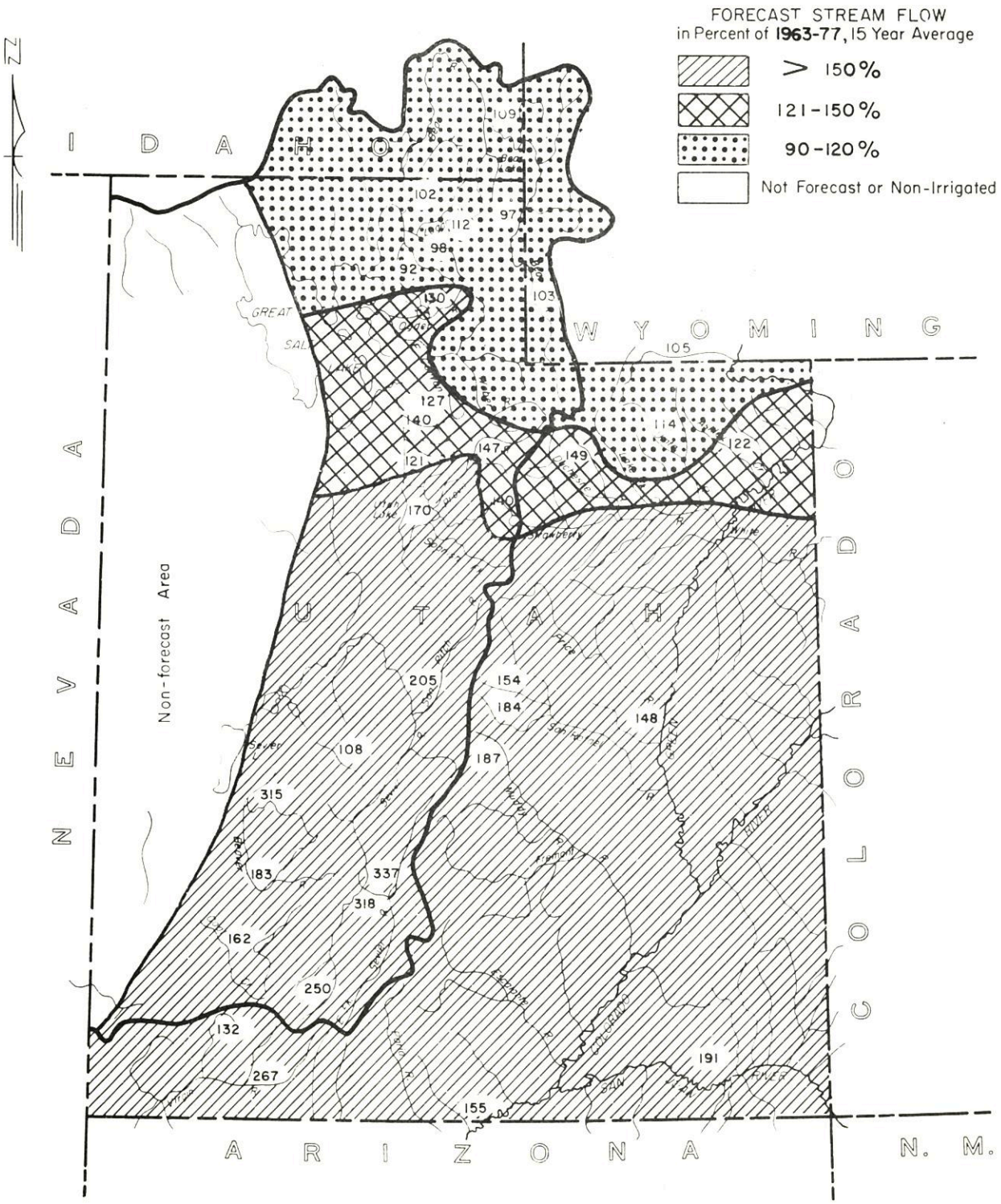
SOIL CONSERVATION SERVICE
SNOW SURVEY SECTION
4420 FEDERAL BUILDING
SALT LAKE CITY, UTAH 84138

PROSPECTIVE WATER SUPPLIES

Based on Snow Surveys Made on UTAH and BEAR RIVER WATERSHEDS

MAY 1, 1980

Approximate Date



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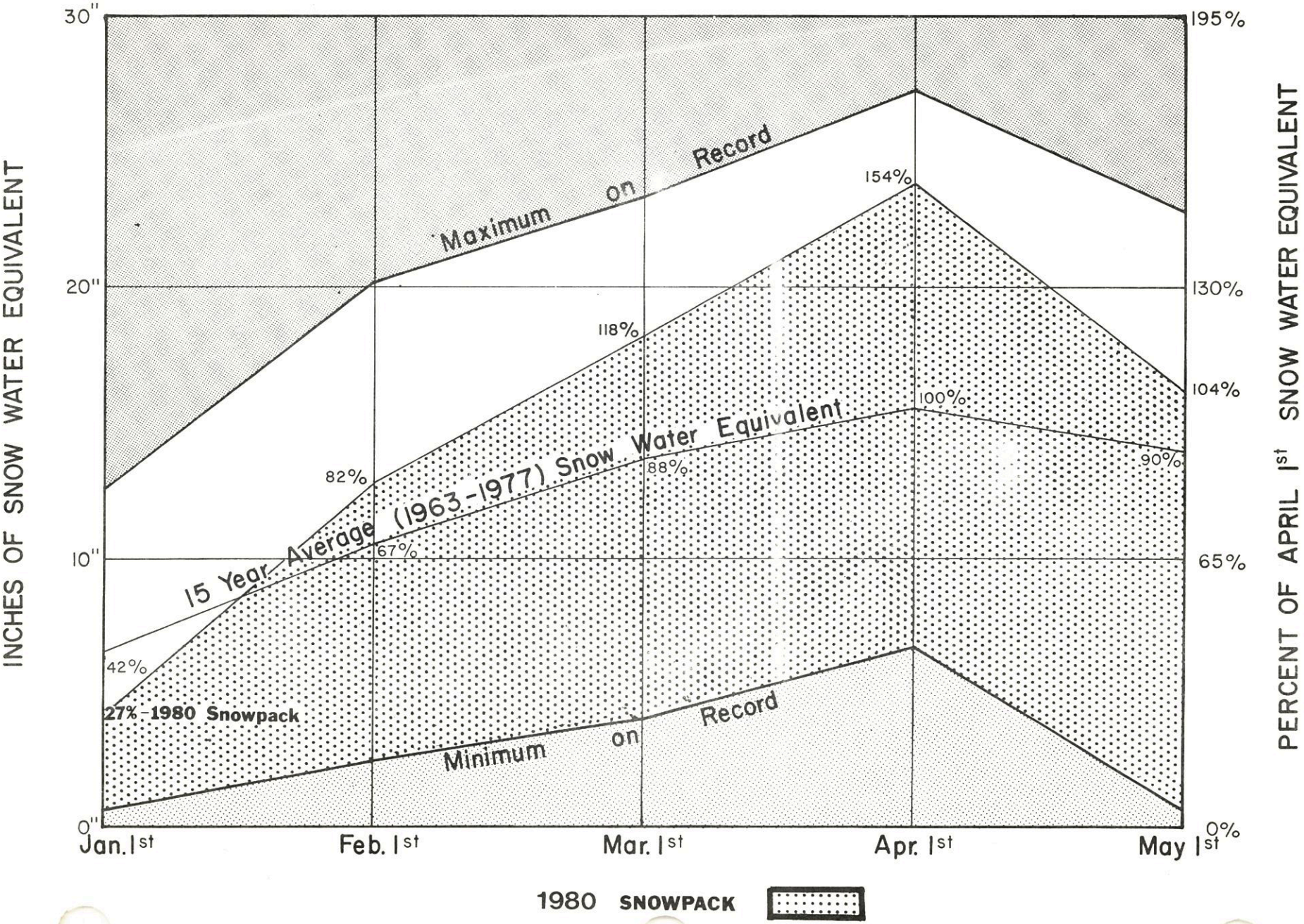
UTAH'S WINTER SNOWPACK

Data based on 51 selected snow courses



WATER SUPPLY OUTLOOK

as of
May 1, 1980

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* * * * * * * * * * * * * * * * * * * * * * * * * * *
* Utah's 1980 water supply outlook ranges from near  *
* average along the northern border to excellent in  *
* the southern third of the state.  Snow Cover is    *
* 121% of average statewide and reservoir storage    *
* is 107% of average.  Streamflow forecasts range    *
* from near average on the Bear to better than three *
* times average on the Sevier.                       *
*                                                    *
* * * * * * * * * * * * * * * * * * * * * * * * * * *
```

SNOW COVER

May 1 snow cover ranges from 77% of average on the Lower Bear to 324% on the Blue Mountains in southeastern Utah. Lower and middle elevation snow melted faster than normal during a warm, dry April.

Snow cover in other basins is as follows: Ogden River 106%, Weber River 106%, Provo 120%, Strawberry 159%, Lakefork 182%, Ashley 161%, Price 166%, San Rafael 154%, Muddy 152%, Lower Sevier 110%, Upper Sevier 172%, Virgin 191%, Beaver 173%, Coal Creek 195% of average.

SOIL MOISTURE

Soil moisture improved as snow melted at medium and higher elevations. Valley soils began to lose moisture.

RESERVOIR STORAGE

Reservoir storage in 24 key irrigation structures totaled 107% of average and 4% better than last year. Most reservoirs are now expected to fill as runoff progresses.

STREAMFLOW FORECASTS

Streamflow forecasts now range from near average on the Bear River to better than three times average on the Sevier and Lower Beaver. Bear River Basin forecasts range from 92% for Little Bear to 112% for Logan River. Weber-Ogden forecasts range from 114% for the Weber at Oakley to 130% for Pineview Reservoir Inflow. Provo-Utah Lake tributary forecasts range from 164% for American Fork to 209% for Spanish Fork. Streams along the Salt Lake Front range from 121% for Little Cottonwood to 150% for Mill Creek.

Uintah Basin forecasts range from 107% on Whiterocks to 217% for Duchesne at Myton. Southeastern Utah forecasts range from 133% for Seven Mile Creek to 191% for San Juan near Bluff.

WATER SUPPLY OUTLOOK (continued)

Sevier River forecasts range from 152% for Ephraim Creek on the San Pitch to 341% for the Sevier below Piute Dam.

Virgin River is forecast 267% at Hurricane and 132% for Santa Clara near Pine Valley. Coal Creek is forecast 162% and Beaver River 183% near Beaver and for North Creeks and 315% for the inflow to Minersville Reservoir.

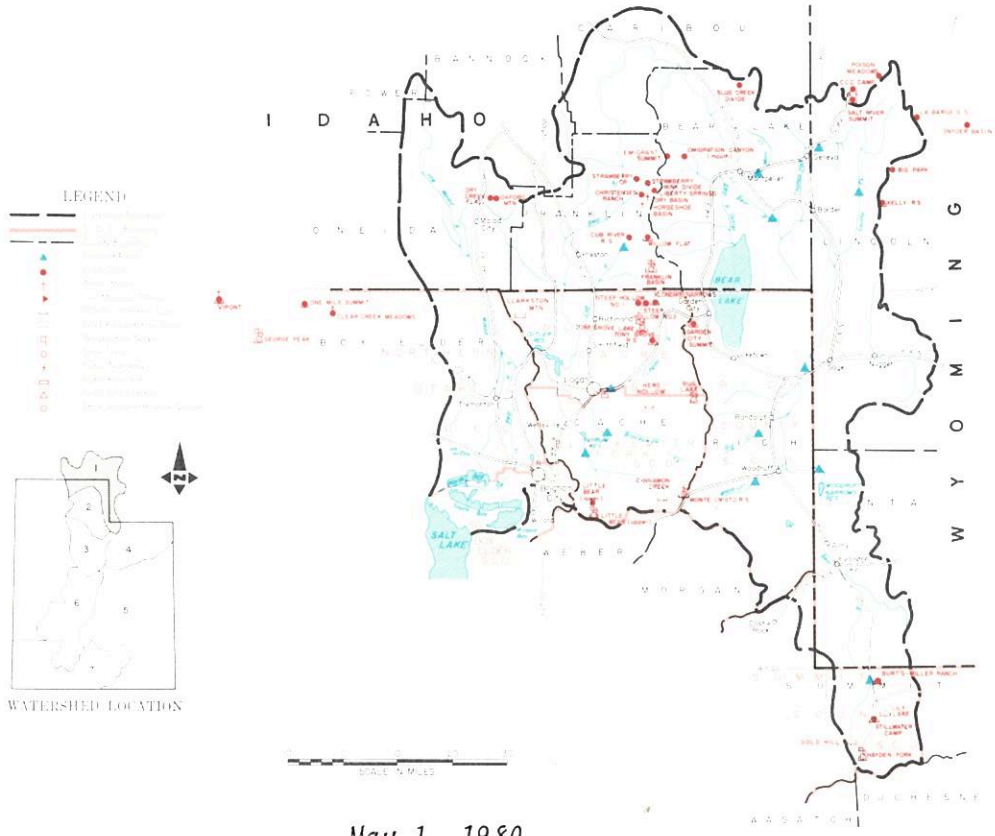
Water users are expected to have near average supplies on the Bear River and above average to excellent water supplies in southern Utah.

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	1,116.1	1091.7	1098.4
	Woodruff Narrows	26.5	19.0	26.5	25.7
Beaver River	Minersville (RkyFd)	23.3	19.9	17.9	15.3
Little Bear	Hyrum	15.3	11.5	10.5	13.4
	Porcupine	11.3	11.4	11.1	8.7
	Causey	6.9	5.6	4.7	2.3[b]
	Pineview	110.1	83.1	92.0	76.9
Provo	Deer Creek	149.7	127.2	93.7	115.1
Settlement Creek	Settlement Creek	1.2	0.6	0.8	--
	Vernon Creek	0.6	0.6	0.6	--
	Gunnison	18.2	18.2	17.2	14.9
	Otter Creek	52.5	49.2	43.7	39.5
	Piute	71.8	50.1	45.4	47.1
	Sevier Bridge	236.0	192.9	123.9	144.6
Spanish Fork	Strawberry	270.0	182.0	176.3	166.0
Utah Lake	Utah Lake	883.9	886.8	883.9	775.5
Weber	East Canyon	48.1	39.7	43.3	33.1
	Echo	73.9	45.4	63.0	55.2
	Lost Creek	20.0	12.3	15.2	13.9[b]
	Rockport	60.9	32.9	40.4	37.2
	Willard Bay	193.3	178.2	164.1	162.9[b]
COLORADO RIVER BASIN					
Ashley Creek	Steinaker	33.3	18.1	15.3	23.7
Colorado	Blue Mesa	829.5	352.1	274.7	--
	Lake Powell	25002.0	21569.0	17317.0	--
Green	Flaming Gorge	3749.0	2381.8	2475.0	--
Lakefork	Moon Lake	35.8	11.9	12.0e	19.0
Price River	Scofield	65.8	45.2	40.7	36.9
San Juan	Navajo	1696.0	1181.0	1247.8	--
San Rafael	Huntington North	3.9	3.8	3.7	3.9[b]
	Joe's Valley	54.6	37.7	40.7	39.1[b]
	Mill Site	16.7	6.4	8.7	--
Strawberry	Starvation	165.3	79.6	101.3	--
Uintah	Bottle Hollow	11.3	11.0	10.8	--

WATER SUPPLY OUTLOOK
BEAR RIVER BASIN in UTAH

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



May 1, 1980

THE WATER SUPPLY OUTLOOK IS NEAR AVERAGE

SNOW COVER began to melt with warmer temperatures and is now gone from low and medium elevations. The Upper Bear is 86% of average and the Lower Bear is 77% of average for May 1.

PRECIPITATION at mountain stations ranged from 15 to 56% of the April average.

SOIL MOISTURE improved at higher and medium elevations as snow melt progressed but valley areas began to lose moisture with less than average precipitation.

RESERVOIR STORAGE is near average.

STREAMFLOW FORECASTS range from 92% of average on the Little Bear to 112% on the Logan River. All water users should have a near average water supply this season.

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	PAST RECORD THOUSAND ACRE FEET Average †
BEAR RIVER					
Bear nr UT-Wyo. State Line	110	101	May-July		109
Bear nr Woodruff	130	103	May-July		126
Woodruff Crk nr Woodruff, UT	16.0	98	May-July		16.3
Big Creek nr Randolph, Utah	5.0	104	May-July		4.8b
Bear nr Randolph	89	97	May-July		92
Thomas Fork nr UT-Wy State Ln	38	109	May-Sept		35
Smith's Fork nr Border, Wyo.	125	104	May-Sept		120
Bear at Harer, Idaho 1/	268	99	May-Sept		271
Logan nr Logan 1	116	118 2	May-July		104
Blacksmith Fork nr Hyrum	39	98	May-July		40
Little Bear nr Paradise	24	92	May-June		26
Cub River nr Preston, ID	50	102	May-Sept		49

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

SUMMARY of SNOW MEASUREMENTS (COMPARISON WITH PREVIOUS YEARS)

RIVER BASIN and/or SUB-WATERSHED	Number of Courses Averaged	THIS YEAR AS A PERCENT OF Last Year	THIS YEAR AS A PERCENT OF Average
BEAR RIVER	20	89	80
UPPER BEAR RIVER	7	107	86
LOWER BEAR RIVER	13	82	77
LOGAN RIVER	7	90	83
UPPER RAFT RIVER	--	--	--

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	1116.1	1091.7	1098.4
	Woodruff Narrows	26.5	19.0	26.5	25.7
LITTLE BEAR	Hyrum	15.3	11.5	10.5	13.4
	Porcupine	11.3	11.4	11.1	8.7

+ - 1963-77 15 year Average Period

PEAK FLOWS

FORECAST POINT	PEAK FLOW (SECOND FEET) Forecast Range	PEAK FLOW (SECOND FEET) Average †
Bear River nr UT/WY Stateline	1300-1800	1600
Big Creek nr Randolph	60-100	44
Logan River nr Logan	900-1300	1016
Woodruff Creek nr Woodruff	150-250	267
Little Bear nr Paradise		517

SNOW estimated

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	4/25	5	1.5	0.0	3.0
Cub River R.S.	4/28	0	0.0	0.0	0.0
Emigrant Summit	4/30	41	19.4	19.1	24.9
Franklin Basin	4/28	49	23.0	24.8	27.0a
Hayden Fork	4/25	39	18.3	13.5	16.7
Klondike Narrows	4/28	28	12.3	15.1	16.8

SNOW

DRAINAGE BASIN and/or SNOW COURSE NAME	Date of Survey	THIS YEAR Snow Depth (Inches)	THIS YEAR Water Content (Inches)	PAST RECORD Water Content (Inches) Last Year	PAST RECORD Water Content (Inches) Average †
Little Bear Lower	4/28	0	0.0	0.0	2.1
Little Bear Upper	4/28	0	0.0	8.4	6.7
Monte Cristo	4/28	53	25.5	24.7	27.6
Salt River Summit	4/29	27	10.0	14.2	15.4
Stillwater Camp	4/25	29	11.4	6.1	10.2b
Tony Grove R.S.	4/28	0	0.0	4.2	3.8

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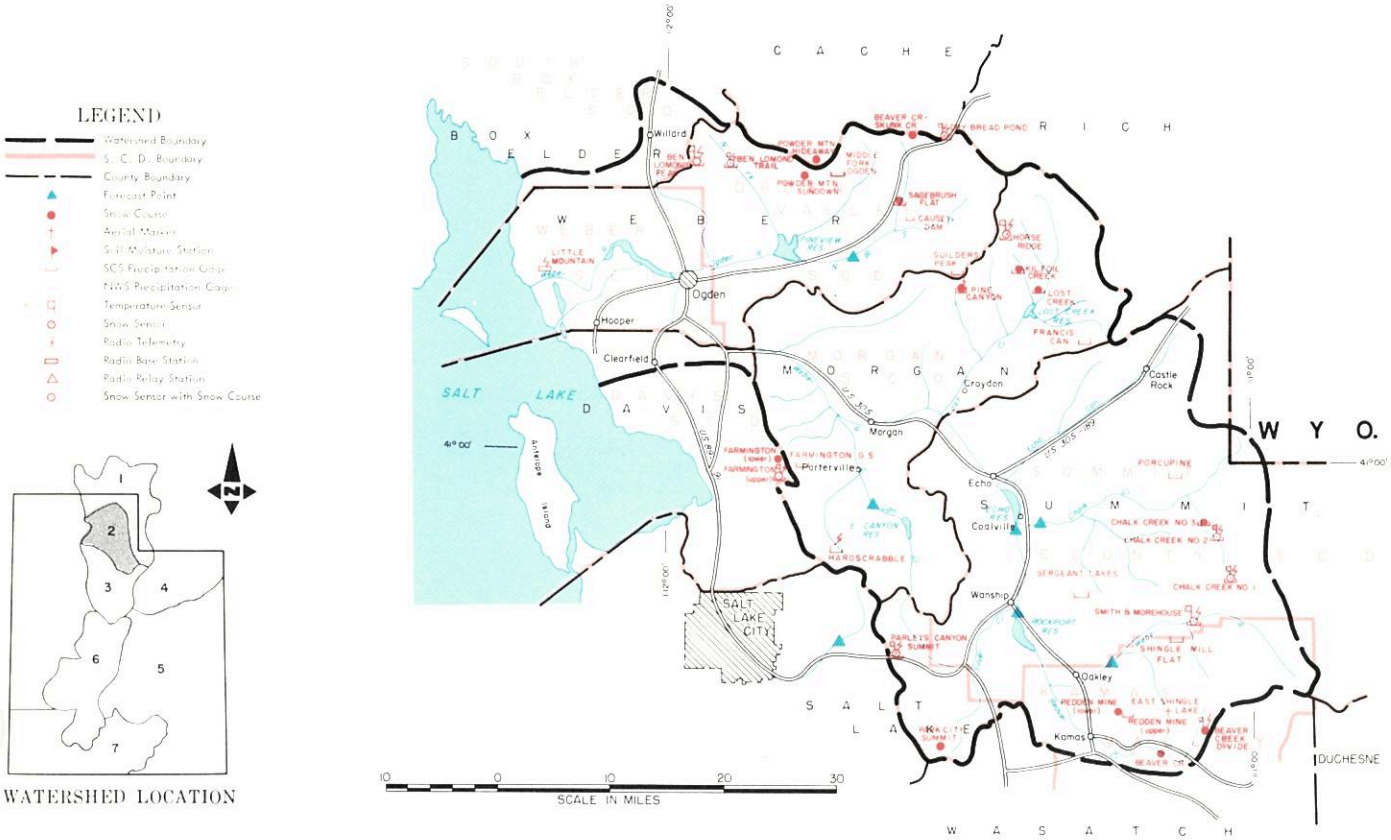
WATER SUPPLY OUTLOOK

WEBER-OGDEN WATERSHEDS in UTAH

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



May 1, 1980

THE WATER SUPPLY OUTLOOK IS ABOVE AVERAGE

SNOW COVER is now 106% of the May 1 average on both the Ogden and Weber watersheds after a warm, dry April. The Ogden snow cover is 13% less than last year on May 1 and the Weber is 24% more than a year ago.

PRECIPITATION at mountain stations ranged from 16 to 58% of the April average.

SOIL MOISTURE improved with the melting of the snow pack at medium and high elevations. Valley soils are beginning to lose moisture after a dry April.

RESERVOIR STORAGE is generally near to above average with all reservoirs expected to fill as runoff progresses.

STREAMFLOW FORECASTS for the May-June period range from 93% for Farmington Creek to 130% for Pineview Inflow. The Weber at Oakley is forecast 114%, East Canyon Creek 127%, Chalk Creek 115%, Lost Creek 119%, and Hardscrabble Creek 102%. Rockport Reservoir Inflow is forecast 114% and Echo Reservoir Inflow 116% of the May-June average. All water users are expected to have near average water supplies this season.

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

WEBER-OGDEN WATERSHEDS in UTAH

STREAMFLOW FORECASTS

BASIN, STREAM and/or FORECAST POINT	THIS YEAR FORECAST Thousand Acre Feet	THIS YEAR FORECAST Percent of Average	FORECAST PERIOD	PAST RECORD THOUSAND ACRE FEET Last Year	PAST RECORD THOUSAND ACRE FEET Average †
WEBER-OGDEN RIVERS					
Weber nr Oakley	109	114	May-June		96
Rockport Reservoir Inflow [1]	112	114	May-June		98
Chalk Creek at Coalville	38	115	May-June		33
Weber nr Coalville	121	116	May-June		104
Echo Res. Inflow	154	116	May-June		133
Lost Creek nr Croydon, Utah	15.0	119	May-June		12.6
East Canyon Creek nr Morgan [1]	22	127	May-June		17.3
Hardscrabble Crk nr Portervillel	6.6	102	May-June		16.3 [b]
South Fork Ogden nr Huntsville	54	129	May-June		42
Pineview Reservoir Inflow [2]	99	130	May-June		76
Weber at Gateway	278	116	May-June		238
JORDAN RIVER & SALT LAKE					
Farmington Crk nr Farmington	6.4	93	May-July		6.9

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

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	87	106
WEBER RIVER	12	124	106

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	5.6	4.7	2.3 [b]
	Pineview	110.1	83.1	92.0	76.9
WEBER	East Canyon	48.1	39.7	43.3	33.1
	Echo	73.9	45.4	63.0	55.2
	Lost Creek	20.0	12.3	15.2	13.9 [b]
	Rockport	60.9	32.9	40.4	37.2
	Willard Bay	193.3	178.2	164.1	162.9 [b]

PEAK FLOWS

FORECAST POINT	PEAK FLOW (SECOND FEET) Forecast Range	PEAK FLOW (SECOND FEET) Average †
South Fork Ogden nr Huntsville	850-1150	772
Chalk Creek nr Coalville	500-850	569
Lost Creek nr Croydon	270-390	206b

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.	4/25	10	4.8	0.0	1.3
Beaver Creek-Skunk Creek	4/28	13	4.5	7.4	7.1
Ben Lomond Peak	4/28	84	42.2	44.6	37.2
Ben Lomond Trail	4/28	22	9.1	15.4	7.7 [b]
Chalk Creek #1	4/25	62	26.3	20.4	25.4
Chalk Creek #2	4/25	39	16.2	11.3	15.3
Dry Bread Pond	4/28	43	19.4	19.3	19.0

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	4/28	39	18.7	20.0	20.8 [b]
Lost Creek Reservoir	4/28	0	0.0	0.0	0.0 [b]
Monte Cristo	4/28	53	25.5	24.7	27.6
Parleys Canyon Summit	4/29	32	13.1	11.6	14.6
Sagebrush Flat	4/28	0	0.0	0.0	0.0
Smith & Morehouse	4/25	32	12.3	7.1	10.0
Trial Lake	4/25	75	32.1	25.0	26.1

e - estimated

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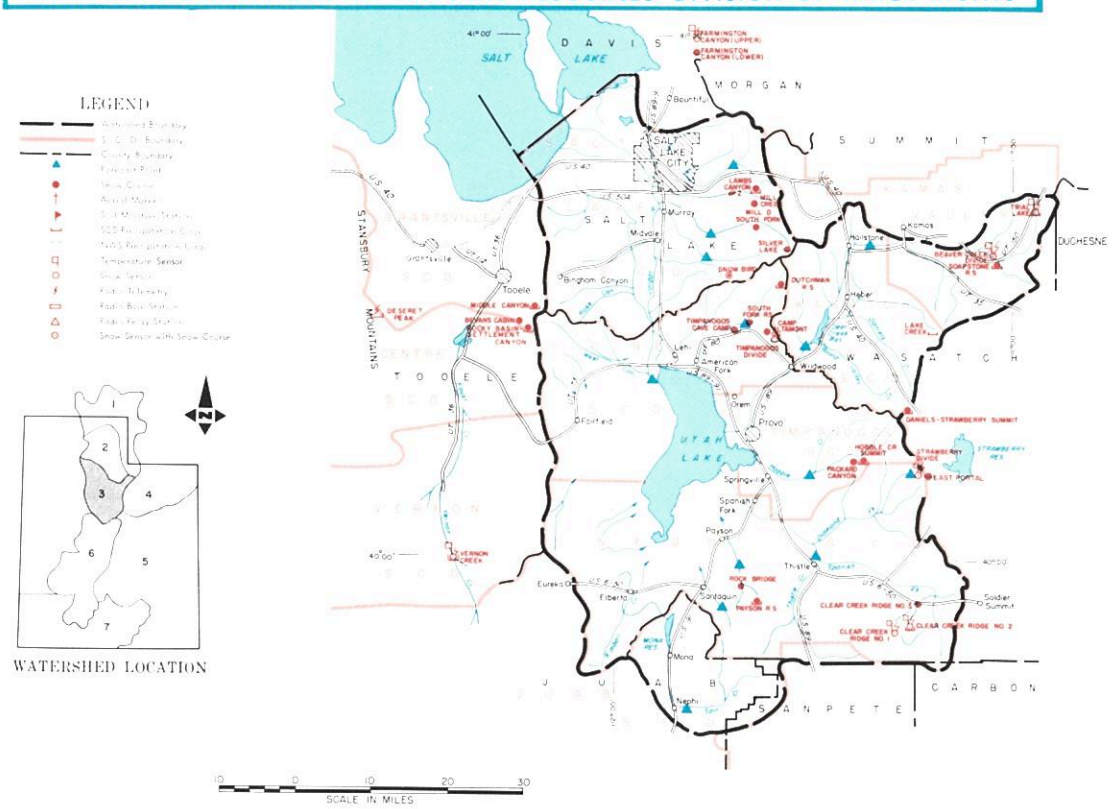
WATER SUPPLY OUTLOOK
UTAH LAKE, JORDAN RIVER and TOOELE VALLEY WATERSHEDS in UTAH

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



May 1, 1980

THE WATER SUPPLY OUTLOOK IS ABOVE AVERAGE

SNOW COVER ranges from 103% of the May 1 average in Tooele Valley to 120% on the Provo-Utah Lake watershed. Snow cover along the Salt Lake Front is now 106% of average.

PRECIPITATION at mountain stations ranged from 27% of the April average at Timpanogos Divide to 75% at Middle Canyon above Tooele.

SOIL MOISTURE improved at medium and higher elevations as the snow began to melt. Lower elevation soils have lost moisture during April.

RESERVOIR STORAGE is above average and above average April inflow caused Utah Lake to go above compromise at +0.03 feet.

STREAMFLOW FORECASTS now range from 114% for Settlement Creek to 209% for the Spanish Fork River. Provo River is forecast 170% at Deer Creek Dam and 170% for Utah Lake Inflow. Salt Lake Front streams are forecast 121% for Little Cottonwood to 150% for Mill Creek. Vernon Creek is forecast 167% of average. All water users are expected to have average or better water supplies this season.

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

UTAH LAKE, JORDAN RIVER and TOOELE VALLEY WATERSHEDS in UTAH

STREAMFLOW FORECASTS

BASIN, STREAM and/or FORECAST POINT	THIS YEAR FORECAST Thousand Acre Feet	THIS YEAR FORECAST Percent of Average	FORECAST PERIOD	PAST RECORD THOUSAND ACRE FEET Last Year	PAST RECORD THOUSAND ACRE FEET Average †
PROVO RIVER AND UTAH LAKE					
Provo nr Hailstone 1	137	147	May-July		106
Provo below Deer Creek Dam1	168	170	May-July		100
American Fork nr American Fork	46	164	May-July		28
Hobble Creek nr Springville	30	208	May-July		14.4b
Strawberry Reservoir Inflow1	59	140	May-July		42
Spanish Fork at Thistle	63	209	May-July		30b
Payson Creek nr Payson	7.0	137	May-July		5.1b
Utah Lake Inflow	296	170	May-July		174.3
JORDAN RIVER & SALT LAKE					
Little Cottonwood Crk nr SLC	43	121	May-July		35
Big Cottonwood nr SLC	44	129	May-July		34
Parley's Creek nr SLC	17.0	140	May-July		12.1
Mill Creek nr SLC	8.1	150	May-July		5.4
Emigration Creek nr SLC	4.2	145	May-July		2.9
City Creek nr SLC	9.5	138	Apr-July		6.9
TOOELE VALLEY					
Vernon Creek nr Vernon	1.0	167	May-July		0.6
Settlement Crk nr Tooele	2.5	114	May-July		2.1b

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	2	114	120
JORDAN RIVER & SALT LAKE	6	97	106
TOOELE VALLEY	4	92	103

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

RESERVOIR STORAGE (Thousand Acre Feet)

BASIN OR STREAM	RESERVOIR	Usable Capacity	USEABLE STORAGE This Year	USEABLE STORAGE Last Year	USEABLE STORAGE Average †
SPANISH FORK	Strawberry	270.0	182.0	176.3	166.0
UTAH LAKE	Utah Lake	883.9	886.8	898.0	775.5
	Settlement Creek	1.2	0.6	0.8	--
	Vernon Creek	0.6	0.6	0.6	--
PROVO	Deer Creek	149.7	127.2	93.7	115.1

PEAK FLOWS

FORECAST POINT	PEAK FLOW (SECOND FEET) Forecast Range	PEAK FLOW (SECOND FEET) Average †
Hobble Creek nr Springville	400-500	260b
Spanish Fork nr Thistle	950-1150	482b
Big Cottonwood nr Salt Lake City	475-575	310
Mill Creek nr Salt Lake City	75-95	--
Parleys Creek nr Salt Lake City	225-275	116
Little Cottonwood	550-650	--
American Fork nr American Fork	550-700	--
Provo nr Hailstone	2200-2500	--
Emigration Creek	60-80	--
City Creek	100-125	--

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	4/29	3	1.5	3.6	5.9
Camp Altamont	4/29	28	13.8	12.5	7.7
Clear Creek #1	5/3	47	19.4	19.1	17.7
Clear Creek #2	5/3	--	5.0e	0.0	10.5
Clear Creek #3	5/3	0	0.0	0.0	0.1
Daniels-Strawberry Summit	5/3	30	12.6	12.7	9.5
Deseret Peak	4/30	74	34.0	--	--
Dutchman R.S.	4/29	41	20.0	13.8	9.8
Hobble Creek Summit	5/3	15	7.2	13.5	7.7
Lambs Canyon #2	5/1	21	8.2	6.1	--
Middle Canyon	4/29	14	6.4	12.5	10.4
Mill Creek	5/1	45	18.8	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 †
Mill D South Fork	4/29	33	14.8	14.6	16.2
Parleys Canyon Summit	4/29	32	13.1	11.6	14.6
Payson R.S.	5/3	31	12.4	16.6	15.8
Rocky Basin-Settlement Canyon	5/2	71	33.2	27.8	30.2
Silver Lake Brighton	4/29	62	37.8	31.4	27.6
Soapstone R.S.	4/25	25	9.2	5.6	7.9
South Fork R.S.	4/29	0	0.0	--	--
Timpanogos Divide	4/29	69	34.2	24.0	22.0
Trial Lake	4/25	75	32.1	25.0	26.1
Vernon Creek	4/30	13	6.5	13.0	4.0b

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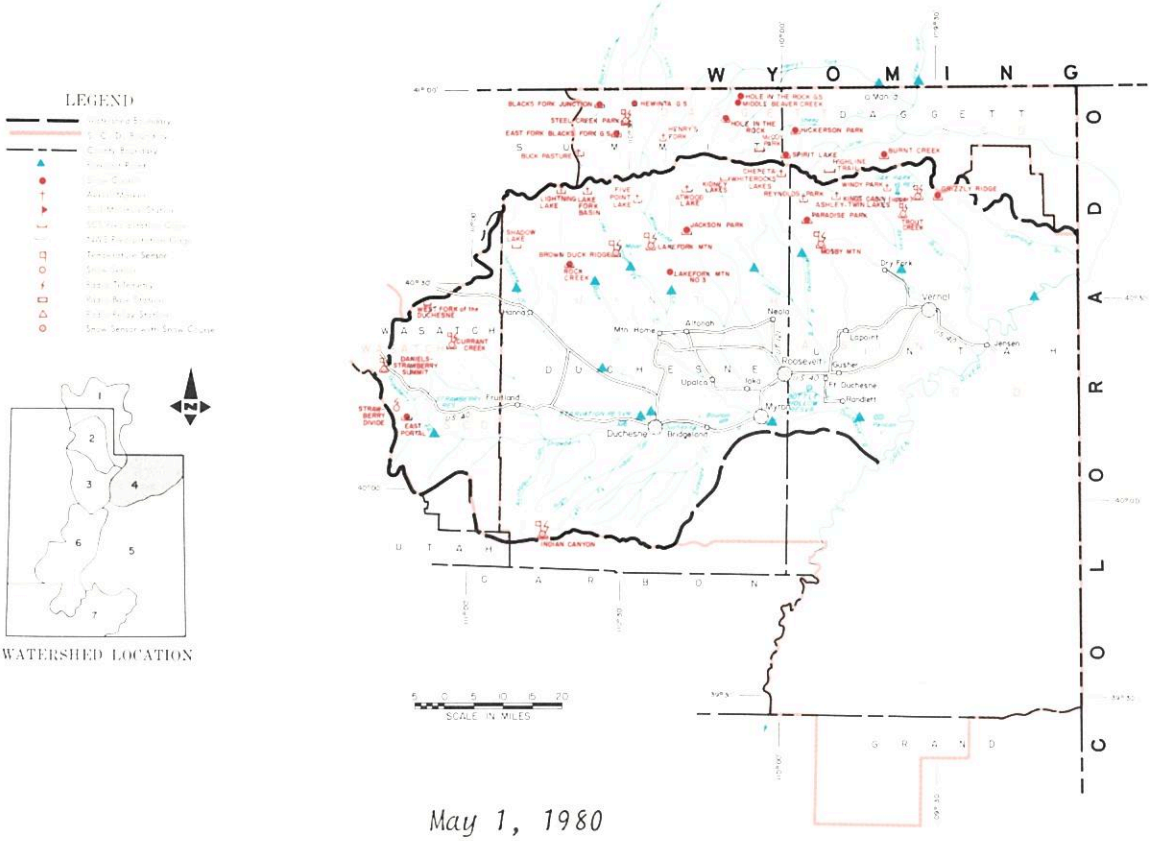
WATER SUPPLY OUTLOOK

UINTAH BASIN and DAGGETT SCD's in UTAH

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



May 1, 1980

THE WATER SUPPLY RANGES FROM AVERAGE TO ABOVE AVERAGE

SNOW COVER ranges from 118% of the May 1 average on Black's Fork to 182% on Lakefork-Yellowstone Rivers. The Uintah-Whiterocks Rivers are 164% and Ashley Creek 161% of the May 1 average. Aerial Markers flown May 5 indicate record water contents at Lightning Lake and Ashley-Twin Lakes. Others are near previous highs.

PRECIPITATION at mountain stations ranged from 58 to 82% of the April average.

SOIL MOISTURE improved with the beginning of snow melt at higher elevations.

RESERVOIR STORAGE is below the 15 year average but should fill as snow melt progresses.

STREAMFLOW FORECASTS for the May-June period range from 105% on Henry's Fork to 217% for the Strawberry at Duchesne. Ashley Creek is forecast 122%, Whiterocks 107%, Uintah 114%, Yellowstone 119%, Lakefork 113%, Rock Creek 137%, Duchesne at Tabiona 143%, and Currant Creek 130%. Flaming Gorge Inflow is forecast 112% of the April-July average. Water users are expected to have near average or better water supplies this season.

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	PAST RECORD THOUSAND ACRE FEET Average †
DUCHESNE RIVER					
Duchesne nr Tabiona [1]	146	149	May-July		98
Duchesne at Duchesne [1]	264	147	May-July		180
Strawberry at Duchesne	104	217	May-July		48
Rock Creek nr Mtn. Home	125	137	May-July		91
Currant Creek nr Fruitland	26	130	May-July		16
Lakefork below Moon Lake [1]	78	113	May-July		69
Yellowstone nr Altonah	75	119	May-July		63
Duchesne at Myton [1]	350	181	May-July		193
Whiterocks nr Whiterock	62	107	May-July		58
Uintah nr Neola	101	114	May-July		89
Duchesne at Randlett [1]	417	188	May-July		222
West Fork Duchesne at Hanna	33	138	May-July		24
FLAMING GORGE TO DUCHESNE RIVER					
Henry's Fork at Linwood	45	105	May- July		43
Black's Fork at Millburne	120	133	May-July		90
Flaming Gorge Inflow [1]	1450	112	Apr-July		1292
Ashley Creek nr Vernal	61	122	May-July		50

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	123	153
LAKEFORK-YELLOWSTONE CREEKS	2	195	182
STRAWBERRY RIVER	3	101	159
UINTAH - WHITEROCKS RIVERS	2	129	164
ASHLEY CREEK	1	169	161
BLACK'S FORK	3	150	118

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

RESERVOIR STORAGE (Thousand Acre Feet)

BASIN OR STREAM	RESERVOIR	Usable Capacity	USEABLE STORAGE This Year	USEABLE STORAGE Last Year	USEABLE STORAGE Average†
ASHLEY CREEK	Steinaker	33.3	18.1	15.3	23.7
GREEN RIVER	Flaming Gorge	3749.0	2381.8	2475.0	--
LAKE FORK	Moon Lake	35.8	11.9	12.0e	19.0
STRAWBERRY	Starvation	165.3	79.6	101.3	129.1[b]
UINTAH	Bottle Hollow	11.3	11.0	10.8	10.7[b]

PEAK FLOWS

FORECAST POINT	PEAK FLOW (SECOND FEET) Forecast Range	PEAK FLOW (SECOND FEET) Average †
Strawberry at Duchesne	1050-1600	636
Ashley Creek nr Vernal	900-1400	1030

SNOW

DRAINAGE BASIN and/or SNOW COURSE NAME	THIS YEAR Date of Survey	THIS YEAR Snow Depth (Inches)	THIS YEAR Water Content (Inches)	PAST RECORD Water Content (inches) Last Year	PAST RECORD Water Content (inches) Average †
Brown Duck Ridge	4/25	70	27.7	21.5	20.2a
Currant Creek	5/3	13	5.1	5.9	2.3a
Daniels-Strawberry	5/3	30	12.6	12.7	9.5
Hewinta G.S.	4/25	31	11.9	9.0	10.4
Hickerson Park	4/25	32	11.0	7.0	5.9a
Hole-in-the-Rock	--	--	--	--	--
Hole-in-the-Rock G.S.	--	--	--	--	--
Jackson Park	4/26	51	21.0	16.0	--
Kings Cabin Upper	4/25	42	16.6	9.8	10.3

SNOW

DRAINAGE BASIN and/or SNOW COURSE NAME	THIS YEAR Date of Survey	THIS YEAR Snow Depth (Inches)	THIS YEAR Water Content (Inches)	PAST RECORD Water Content (inches) Last Year	PAST RECORD Water Content (inches) Average †
Lakefork Mountain	4/26	42	17.9	10.7	11.9
Mosby Mountain	4/26	47	18.7	11.9	9.9
Paradise Park	4/26	49	20.9	18.8	14.3
Rock Creek Ranch	4/25	16	6.9	0.0	1.3[b]
Spirit Lake	4/25	50	20.7	15.3	15.5
Steel Creek Park	4/25	59	22.3	14.2	18.7
Strawberry Divide	5/1	46	19.8	20.1	--
Trout Creek	4/25	38	13.7	9.9	--

e - estimated

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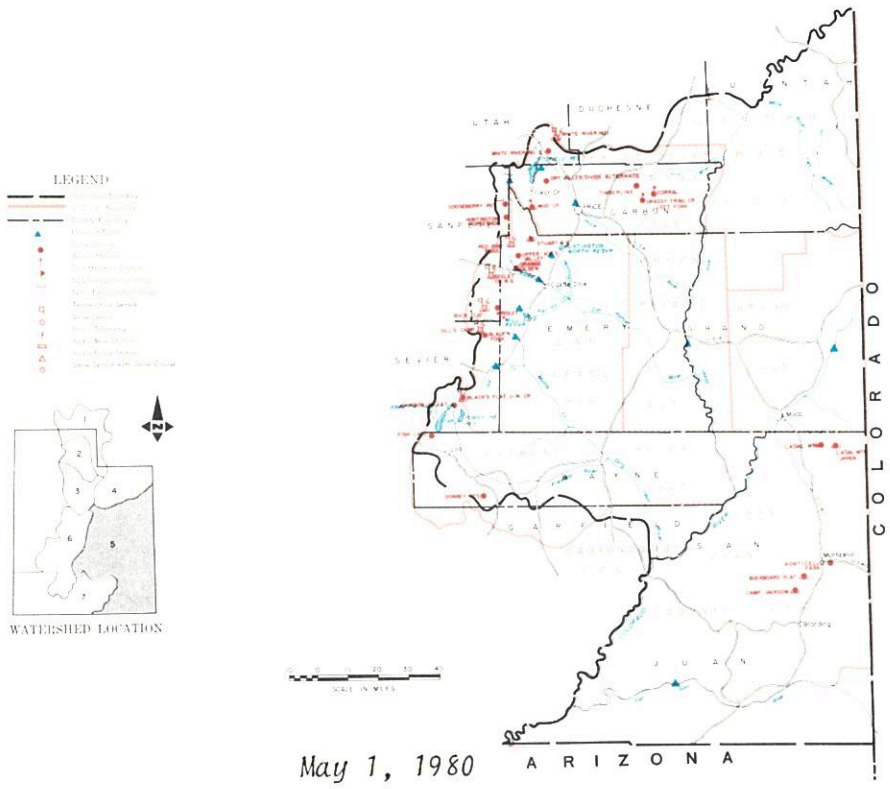
WATER SUPPLY OUTLOOK
CARBON, EMERY, WAYNE, GRAND and SAN JUAN COUNTIES in UTAH

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



May 1, 1980

THE WATER SUPPLY OUTLOOK IS ABOVE AVERAGE

SNOW COVER ranges from 115% of the May 1 average on the Fremont River to 324% on the Blue Mountains above Monticello. Price River is 166%, San Rafael 154%, and LaSal Mountains 224%.

PRECIPITATION at mountain stations ranged from 68% of the April average at Indian Canyon to 158% at Orange Olsen.

SOIL MOISTURE improved as snow melt started at higher elevations.

RESERVOIR STORAGE is above average in Scofield and near average in Joe's Valley and Huntington North. Reservoirs are expected to fill as snow melt progresses.

STREAMFLOW FORECASTS range from 133% of the May-July average for Seven Mile Creek to 191% for the San Juan. Scofield Inflow is forecast 156%, Huntington Creek 155%, Cottonwood 154%, Ferron 184%, Muddy Creek 187%, and Mill Creek 181% of average. Water users in this area are expected to have better than average water supplies this year.

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

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

STREAMFLOW FORECASTS

BASIN, STREAM and/or FORECAST POINT	THIS YEAR FORECAST Thousand Acre Feet	THIS YEAR FORECAST Percent of Average	FORECAST PERIOD	PAST RECORD THOUSAND ACRE FEET Last Year	PAST RECORD THOUSAND ACRE FEET Average †
PRICE RIVER					
Gooseberry Crk nr Scofield	13.0	138	May-July		9.4
Scofield Reservoir Inflow	50	156	May-July		31
Price nr Heiner[1]	78	150	May-July		52[b]
SAN RAFAEL RIVER					
Huntington Crk nr Huntington	65	155	May-July		45[b]
Cottonwood Crk nr Orangeville	63	154	May-July		41[b]
Ferron Creek nr Ferron	59	184	May-July		32
MUDDY CREEK					
Muddy Creek nr Emery	29	187	May-July		15.5
UPPER COLORADO BASIN					
Colorado nr Cisco, Utah	4500	166	Apr-July		2835
Green at Green River, Utah	4400	148	Apr-July		2839
Mill Creek nr Moab	7.8	181	May-July		4.3[b]
Navajo Reservoir Inflow	1150	189	Apr-July		597
San Juan nr Bluff, Utah	1650	191	Apr-July		853
FREMONT RIVER					
Seven Mile Crk nr Fish Lake	7.6	133	May-July		5.7

SUMMARY of SNOW MEASUREMENTS (COMPARISON WITH PREVIOUS YEARS)

RIVER BASIN and or SUB-WATERSHED	Number of Courses Averaged	THIS YEAR AS A PERCENT OF Last Year	THIS YEAR AS A PERCENT OF Average
PRICE RIVER	3	129	166
SAN RAFAEL RIVER	6	124	154
FREMONT RIVER	3	74	115
LASAL MOUNTAINS	2	184	224
BLUE MOUNTAINS	2	94	324

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

RESERVOIR STORAGE (Thousand Acre Feet)

BASIN OR STREAM	RESERVOIR	Usable Capacity	USEABLE STORAGE This Year	USEABLE STORAGE Last Year	USEABLE STORAGE Average†
PRICE RIVER	Scofield	65.8	45.2	40.7	36.9
SAN RAFAEL	Huntington North	3.9	3.8	3.7	3.9[b]
	Joe's Valley	54.6	37.7	40.7	39.1[b]
	Mill Site	16.7	6.4	11.1	--
SAN JUAN	Navajo	1696.0	1181.0	1247.8	--

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

PEAK FLOWS

FORECAST POINT	PEAK FLOW (SECOND FEET) Forecast Range	PEAK FLOW (SECOND FEET) Average †
Ferron Creek near Ferron	500-850	442
Muddy Creek near Emery	200-300	154

SNOW

DRAINAGE BASIN and/or SNOW COURSE NAME	THIS YEAR Date of Survey	THIS YEAR Snow Depth (Inches)	THIS YEAR Water Content (Inches)	PAST RECORD Water Content (Inches) Last Year	PAST RECORD Water Content (Inches) Average †
Buck Flat	5/2	54	23.9	19.9	15.4
Buckboard Flat	4/24	51	20.1	22.0	7.1
Camp Jackson	4/24	52	21.7	22.3	5.8
Dills Camp	5/2	37	15.0	11.1	9.9a
Dry Valley Divide Alternate	5/3	10	3.6	5.6	--
Huntington-Horseshoe	5/2	70	31.9	30.0	--

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 †
Mammoth-Cottonwood R.S.	5/3	51	22.2	25.0	19.1
Monticello City Park	4/24	0	0.0	0.0	--
Mud Creek	5/2	34	13.1	9.6	7.9
Seeley Creek	5/2	53	23.7	20.5	17.2
White River #1	5/3	27	10.8	15.4	10.5
White River #3	5/3	0	0.0	0.0	1.0[b]

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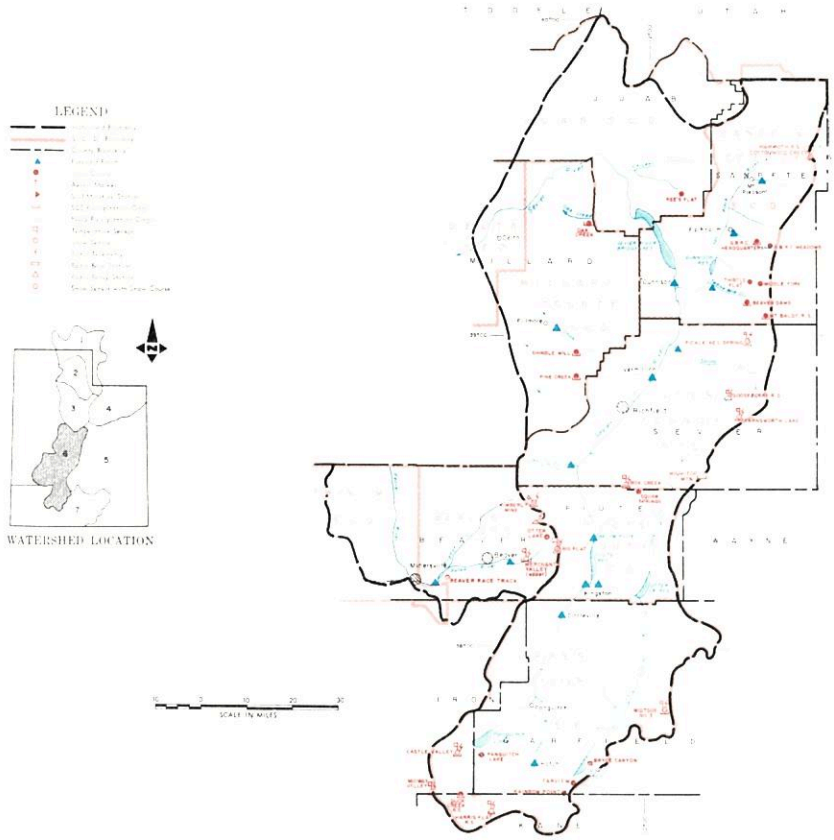
WATER SUPPLY OUTLOOK

SEVIER RIVER BASIN including BEAVER RIVER in UTAH

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



THE WATER SUPPLY OUTLOOK IS EXCELLENT

SNOW COVER ranges from 110% of the May 1 average on the Lower Sevier to 172% on the South Fork Sevier. The East Fork is 152% of average and the Beaver River 173%.

PRECIPITATION at mountain stations ranged from 56% of the April average at Gooseberry Reservoir to 158% at Widtsoe #3. Most stations received less than average moisture.

SOIL MOISTURE improved as snow melt began at higher elevation stations.

RESERVOIR STORAGE is above average and all reservoirs are expected to fill.

STREAMFLOW FORECASTS range from 108% on Chalk Creek to 341% for Sevier below Piute Dam. The Sevier is forecast 250% at Hatch, 313% at Circleville, 318% at Kingston, 337% for the East Fork, and 205% at Gunnison. Clear Creek is forecast 170%, Salina Creek 154%, Chicken Creek 188%, Oak Creek 200%, Ephraim Creek 152%, and Pleasant Creek 135% of the April-July average. Beaver River is forecast 183%, North Creeks 183%, and Minersville Inflow 315% of average.

All water users are expected to have better than average water supplies 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	PAST RECORD THOUSAND ACRE FEET Average +
SEVIER RIVER					
Sevier at Hatch	88	250	May-July		35
Sevier nr Circleville	72	313	May-July		23
Sevier nr Kingston	54	318	May-July		16.9
Antimony Crk nr Antimony	10.5	185	May-July		5.7b
East Fork Sevier nr Kingston1	35	337	May-July		10.5
Sevier below Piute Dam	91	341	May-July		27
Clear Crk nr Sevier (abv Div)	26	170	May-July		15.3
Inflow					
Kingston to Vermillion Dam	95	190	Apr-June		50
Vermillion Dam to Gunnison	60	171	Mar-June		35
Salina Creek at Salina	16.0	154	May-June		10.4
Sevier nr Gunnison	78	205	May-July		38
Chalk Creek nr Fillmore	14.2	108	May-July		13.1
Chicken Creek nr Levan	4.5	188	May-July		2.4
Oak Cr. nr Oak City	2.0	200	May-July		1.0b
SAN PITCH RIVER					
Ephraim Creek nr Ephraim	20	152	May-July		13.2b
Pleasant Crk nr Mt. Pleasant	10.7	135	May-July		7.9b
BEAVER RIVER					
Beaver nr Beaver	33	183	May-July		18.0
North Creek (Combined)	22	183	May-July		12.0b
Minersville Reservoir Inflow	17.0	315	May-June		5.4

SUMMARY of SNOW MEASUREMENTS (COMPARISON WITH PREVIOUS YEARS)

RIVER BASIN and or SUB-WATERSHED	Number of Courses Averaged	THIS YEAR AS A PERCENT OF Last Year	THIS YEAR AS A PERCENT OF Average
UPPER SEVIER RIVER	8	75	164
East Fork Sevier	3	87	152
South Fork Sevier	6	71	172
LOWER SEVIER	10	96	110
BEAVER RIVER	3	90	173

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

BASIN OR STREAM	RESERVOIR	Usable Capacity	USEABLE STORAGE This Year	USEABLE STORAGE Last Year	USEABLE STORAGE Average+
SEVIER RIVER	Gunnison	18.2	18.2	17.2	14.9
	Otter Creek	52.5	49.2	43.7	39.5
	Piute	71.8	50.1	45.4	47.1
	Sevier Bridge	236.0	192.9	123.9	144.6
BEAVER RIVER	Minersville (Rky Fd)	23.3	19.9	17.9	15.3

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

PEAK FLOWS

FORECAST POINT	PEAK FLOW (SECOND FEET) Forecast Range	PEAK FLOW (SECOND FEET) Average +
Sevier River at Hatch	875-1000	
Sevier River nr Circleville		
Sevier River nr Kingston	750-850	
Clear Creek nr Sevier	375-450	
Salina Creek nr Salina	600-800	
Beaver River nr Beaver	350-550	212
E Fk Sevier nr Kingston	725-825	

SNOW

DRAINAGE BASIN and/or SNOW COURSE NAME	THIS YEAR Date of Survey	THIS YEAR Snow Depth (Inches)	THIS YEAR Water Content (Inches)	PAST RECORD Water Content (Inches) Last Year	PAST RECORD Water Content (Inches) Average +
Big Flat	4/30	79	29.1	30.2	18.6
Bryce Canyon	5/5	0	0.0	2.9	--
Castle Valley	4/30	34	13.4	22.2	7.2
Duck Creek	5/4	39	18.1	25.4	7.8
Farnsworth Lake	4/30	61	24.1	22.4	22.2
Gooseberry R.S.	5/4	16	5.1	6.2	10.2

SNOW

DRAINAGE BASIN and/or SNOW COURSE NAME	THIS YEAR Date of Survey	THIS YEAR Snow Depth (Inches)	THIS YEAR Water Content (Inches)	PAST RECORD Water Content (Inches) Last Year	PAST RECORD Water Content (Inches) Average +
Harris Flat	5/4	12	4.4	20.2	2.1
Kimberly Mine	4/30	50	21.2	22.4	15.8
Long Valley Junction	5/3	0	0.0	0.0	0.0b
Merchants Valley Upper	4/30	35	14.1	15.8	5.9b
Midway Valley	5/4	77	36.6	42.2	21.5
Otter Lake	4/30	51	19.9	24.4	12.1
Pickle Keg Springs	5/4	40	17.8	16.7	15.1b
Widtsoe-Escalante #3	5/4	37	16.3	21.2	9.0

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WATER SUPPLY OUTLOOK

EAST GARFIELD, KANE, WASHINGTON and IRON COUNTIES in UTAH

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

May 1, 1980

THE WATER SUPPLY OUTLOOK IS EXCELLENT

SNOW COVER ranges from 72% of average for the Enterprise-New Harmony area to 195% for Coal Creek. Virgin River is 191% of average Parowan Creek is 127%.

PRECIPITATION at mountain stations ranged from 42% at Webster Flat to 80% at Yankee Reservoir.

SOIL MOISTURE at higher elevations is improving as the snow melts. Lower elevation soils are losing moisture.

RESERVOIR STORAGE is above average.

STREAMFLOW FORECASTS range from 132% of average on the Santa Clara to 267% for the Virgin near Hurricane. Coal Creek is forecast 162% and the Inflow to Lake Powell is 155%.

USDA-SCS-PORTLAND, OR. 1978 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	80	267	May-June		30
Santa Clara nr Pine Valley	5.0	132	May-June		3.8
COAL CREEK					
Coal Creek nr Cedar City	23	162	May-July		14.2
UPPER COLORADO					
Lake Powell Inflow	10800	155	Apr-July		6881

2 - Provisional Flows - Subject to correction

SUMMARY of SNOW MEASUREMENTS (COMPARISON WITH PREVIOUS YEARS)

RIVER BASIN and or SUB-WATERSHED	Number of Courses Averaged	THIS YEAR AS A PERCENT OF Last Year	THIS YEAR AS A PERCENT OF Average
COAL CREEK	3	85	195
VIRGIN RIVER	2	97	191
PAROWAN CREEK	4	88	127
ENTERPRISE - NEW HARMONY	2	--	72

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	21569.0	17380.0	--
	Blue Mesa	829.5	352.1	274.0	--

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

PEAK FLOWS

FORECAST POINT	PEAK FLOW (SECOND FEET) Forecast Range	PEAK FLOW (SECOND FEET) Average +
Coal Creek nr Cedar City	500-600	--
Virgin nr Hurricane	1500-1700	--

SNOW

DRAINAGE BASIN and/or SNOW COURSE NAME	THIS YEAR Date of Survey	THIS YEAR Snow Depth (Inches)	THIS YEAR Water Content (Inches)	PAST RECORD Water Content (Inches) Last Year	PAST RECORD Water Content (Inches) Average +
Birch Crossing	4/30	0	0.0	0.0	2.5[b]
Brian Head	4/28	63	28.0	32.6	20.8[b]
Harris Flat	5/4	12	4.4	20.2	2.1
Kolob-Crystal	4/29	81	34.8	38.9	22.5a
Little Grassy	4/29	0	0.0	0.0	0.2
Long Flat	4/29	5	1.8	0.0	2.3

SNOW

DRAINAGE BASIN and/or SNOW COURSE NAME	THIS YEAR Date of Survey	THIS YEAR Snow Depth (Inches)	THIS YEAR Water Content (Inches)	PAST RECORD Water Content (Inches) Last Year	PAST RECORD Water Content (Inches) Average +
Long Valley Junction	5/3	0	0.0	0.0	0.0[b]
SUSC Ranch	4/30	8	2.7	11.5	2.5[b]
Tall Poles	4/30	42	17.3	18.8	12.3[b]
Webster Flat	4/29	62	34.4	32.7	13.8
Yankee Reservoir	4/30	25	8.8	10.4	7.0

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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 †	PRECIPITATION (Inches): CURRENT INFORMATION: Date of Reading	CURRENT INFORMATION: Month's Precipitation	CURRENT INFORMATION: Average †	FROM APPROX. OCT 1 TO DATE: This Year	FROM APPROX. OCT 1 TO DATE: Average †	FROM APPROX. OCT 1 TO DATE: Percent of Average
GREAT BASIN											
UPPER BEAR RIVER (Above Harer, Idaho)											
Big Park	5/1	43	18.8	17.8	22.7						
Burts-Miller Ranch	4/25	5	1.5	0.0	3.0	4/25	0.40	2.66[b]	13.35	14.66[b]	91
CCC Camp	4/29	14	5.4	8.4	10.4						
Hayden Fork	4/25	39	18.3	13.5	16.7	4/25	2.30	4.08[b]	26.92	24.14	112
Monte Cristo R.S.	4/28	53	25.5	24.7	27.6	4/28	2.14	5.22	32.61	31.17	105
Salt River Summit	4/29	27	10.0	14.2	15.4	4/29	2.37	2.53	21.05	19.76	107
Stillwater Camp	4/25	29	11.4	6.1	10.2[b]	4/25	1.60	3.40	19.91	15.79	126
Lily Lake	4/25	40	17.3	--	--						
LOWER BEAR RIVER (Below Harer, Idaho)											
Bug Lake	4/28	40	17.4	19.1	19.2[a]	4/28	1.30e	--	25.90e	--	--
Cub River R.S.	4/28	0	0.0	0.0	0.0						
Emigrant Summit	4/30	41	19.4	19.1	24.9						
Franklin Basin	4/28	49	23.0	24.8	27.0[a]						
Garden City Summit	4/28	37	15.9	18.1	18.5	4/28	1.50	3.10	21.39	22.33	96
Klondike Narrows	4/28	28	12.3	15.1	16.8	4/28	1.82[b]	3.75[b]	26.83	27.60[b]	103
Little Bear (lower)	4/28	0	0.0	0.0	2.1						
Little Bear (upper)	4/28	0	0.0	8.4	6.7	4/28	1.50e	--	30.00e	--	--
Slug Creek Divide	4/30	19	17.9								
Steep Hollow #1	4/28	74	35.5	38.6	40.8						
Steep Hollow #2	4/28	44	20.2	22.3	25.2						
Tony Grove Lake	4/28	69	34.4	34.4	37.6[a]						
Tony Grove R.S.	4/28	0	0.0	4.2	3.8	4/28	1.48	--	24.85	--	--
Willow Flat	4/28	6	2.3	10.2	5.5[b]	4/28	1.71	4.62[b]	28.18	27.51	102
OGDEN RIVER											
Beaver Creek-Skunk Creek	4/28	13	4.5	7.4	7.1						
Ben Lomond Peak	4/28	84	42.2	44.6	37.2						
Ben Lomond Trail	4/28	22	9.1	15.4	7.7[b]	4/28	1.14	5.38[b]	44.74	34.12[b]	131
Causey Dam	4/28					4/28	1.08	2.42	20.80	16.64	125
Dry Bread Pond	4/28	43	19.4	19.3	19.0	4/28	2.40e	4.44[b]		25.28	
Sagebrush Flat	4/28	0	0.0	0.0	0.0	4/28	1.18	2.48[b]	22.11	16.83	131
WEBER RIVER											
Beaver Creek R.S.	4/25	10	4.8	0.0	1.3						
Chalk Creek #1	4/25	62	26.3	20.4	25.4	4/25	2.80e	--	33.00e	--	--
Chalk Creek #2	4/25	39	16.2	11.3	15.3	4/25	1.90e	--	21.20e	--	--
Chalk Creek #3	4/25	14	6.3	0.0	3.5	4/25	2.00	3.45[b]	19.60	17.39[b]	113
East Shingle Lake (A)	5/5	68	30.6	27.8	--						
Farmington Canyon (lower)	4/28	53	22.4	29.7	22.5	4/28	0.99	6.29[b]	35.04	33.92	103
Farmington Canyon (upper)	4/28	71	32.4	35.1	33.3						
Farmington G.S.						4/28	1.09	6.16[b]	28.61	33.24[b]	86
Horse Ridge	4/28	39	18.7	20.0	20.8[b]	4/28	1.95	4.74[b]	32.11	28.38	113
Kilfoil	4/28	34	13.0	14.2	10.3[b]						
Lost Creek Reservoir	4/28	0	0.0	0.0	0.0[b]	4/28	0.89	--	17.34	--	--
Park City Summit	5/7	45	22.7	--							
Parley's Canyon Summit	4/29	32	13.1	11.6	14.6	4/29	2.70	5.03	28.89	27.58	105
Pine Canyon	4/28	40	16.1	--	--						
Redden Mine (lower)	4/25	49	19.8	--	18.3	4/25	2.05	--	23.58	--	--
Sargeant Lakes (A)	5/5	13	5.8	14.0	--						
Smith & Morehouse	4/25	32	12.3	7.1	10.0	4/25	1.85	4.26	23.79	22.01	108
PROVO RIVER & UTAH LAKE											
Beaver Creek Divide	4/25	20	8.7	3.8	8.7[a]	4/25	1.60e	--	22.70e	--	--
Camp Altamont	4/29	28	13.8	12.5	7.7						
Clear Creek Ridge #1	5/3	47	19.4	19.1	17.7	5/3	2.60e	--	29.80e	--	--
Clear Creek Ridge #2	5/3	--	5.0e	13.4	10.5			3.31		19.37	
Clear Creek Ridge #3	5/3	0	0.0	0.0	0.1						
Dutchman R.S.	4/29	41	20.0	13.8	9.8	4/29	1.25	4.17[b]	34.10	24.99	136
Hobble Creek Summit	5/3	15	5.8	13.5	7.7	5/3	2.08	3.20	27.71	20.39	136
Payson R.S.	5/3	31	12.4	16.6	15.8			3.58		21.53	
Soapstone R.S.	4/25	25	9.2	5.6	7.9	4/25	1.60	3.57	22.62	19.79	114
South Fork R.S.	4/29	0	0.0	--	--						
Timpanogos Cave Camp	4/29	0	0.0	0.0	--						
Timpanogos Divide	4/29	69	34.2	24.0	22.0	4/29	1.15	4.30	41.85	29.39	142
Trial Lake	4/25	75	32.1	25.0	26.1	4/25	2.35	4.89	35.05	28.73	122

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† 1958-1972 period

SNOW	THIS YEAR			PAST RECORD		PRECIPITATION (Inches)					
DRAINAGE BASIN and/or SNOW COURSE				Water Content (inches)		CURRENT INFORMATION			FROM APPROX. OCT 1 TO DATE		
NAME	Date of Survey	Snow Depth (inches)	Water Content (inches)	Last Year	Average †	Date of Reading	Month's Precipitation	Average †	This Year	Average †	Percent of Average
JORDAN RIVER & GREAT SALT LAKE											
Bevan's Cabin	4/29	3	1.5	3.6	5.9						
Deseret Peak	4/30	74	34.0	24.9	--						
Lamb's Canyon #2	5/1	21	8.2	6.1	--	5/1	2.30	--	23.79	--	--
Middle Canyon	4/29	14	6.4	12.5	10.4	4/29	3.20	4.28[b]	36.00	20.20	178
Mill Creek	5/1	45	18.8	19.5	--						
Mill D South Fork	4/29	33	14.8	14.6	16.2						
Mtn. Dell Dam											
Rocky Basin-Settlement Can.	5/2	71	33.2	27.8	30.2	5/2	4.80	--	41.62	--	--
Silver Lake (Brighton)	4/29	62	37.8	31.4	27.6						
Snowbird (Gad Valley)				42.0	--						
Vernon Creek	4/30	13	6.5	13.0	4.0[b]	4/30	1.70	2.58[b]	25.40	17.85	142
UPPER SEVIER RIVER (South of Richfield, Utah)											
Box Creek	5/4	40	16.1	17.6	12.1	5/4	3.45	2.99	23.49	16.88	139
Bryce Canyon	5/5	0	0.0	2.9	--						
Castle Valley	4/30	34	13.4	22.2	7.2	4/30	2.82	3.24	23.59	17.13	138
Duck Creek R.S.	5/4	39	18.1	25.4	7.8	5/4	1.74	--	33.37	--	--
Farview	5/6	15	6.3	10.7	--						
Harris Flat	5/4	12	4.4	20.2	2.1	5/4	0.80e	--	22.30e	--	--
Kimberly Mine	4/30	50	21.2	22.4	15.8	4/30	3.58	4.44[b]	28.19	22.61	125
Midway Valley	5/4	77	36.6	42.2	21.5	5/4	1.91	--	31.71	--	--
Panguitch Lake	4/30	0	0.0	6.5	0.8	4/30	1.43	1.50	12.99	9.39	138
Rainbow Point	5/6	23	10.6	17.0	--						
Squaw Springs	5/4	19	6.7	6.2	4.6						
LOWER SEVIER RIVER (Including San Pitch River)											
Beaver Dams	5/2	13	4.8	11.5	7.4	5/2	3.24	3.27	22.64	16.34	139
Farnsworth Lake	4/30	61	24.1	22.4	22.2	4/30	2.94	4.69	28.79	24.25	119
G.B.R.C. Headquarters	5/2	47	20.0	20.4	16.1	5/2	3.45	4.26	30.44	22.55	135
G.B.R.C. Majors						5/6	1.25	2.15[b]	18.20	10.66	171
G.B.R.C. Meadows	5/2	72	30.7	28.8	25.1	5/2	4.22	5.17	35.20	26.84	131
G.B.R.C. Oaks						5/6	1.50	3.01	21.03	14.88	141
Gooseberry R.S.	5/4	16	5.1	6.2	10.2	5/4	2.66	3.61	20.30	16.52[b]	123
Mammoth-Cottonwood Creek	5/3	51	22.2	25.0	19.1						
Middle Fork				--	12.8[b]						
Mt. Baldy R.S.	5/2	75	33.0	33.8	24.2	5/2	3.52	3.93	29.49	20.83	142
Oak Creek	5/1	37	14.8	--	9.6[b]	5/1	3.52	--	28.99	--	--
Pickle Keg Springs	5/4	40	17.8	16.7	15.1[b]	5/4	4.70e	--	29.60e	--	--
Pine Creek	5/4	34	13.6	14.8	13.6	5/4	5.30	5.88	28.55	29.35	97
Ree's Flat	5/4	28	9.9	9.7	--	5/4	2.88	--	25.43	--	--
Shingle Mill	5/1	3	1.1	0.0	3.2[b]	5/1	3.30	3.87[b]	31.60	19.55	152
Thistle Flat											
BEAVER RIVER											
Beaver Canyon Power House				0.0	--						
Beaver Race Track								2.30		10.83	
Big Flat	4/30	79	29.1	30.2	18.6	4/30	2.64	3.47	28.29	19.00	149
Merchant's Valley (upper)	4/30	35	14.1	15.8	5.9[b]	4/30	1.99	2.96[b]	23.99	17.21	139
Otter Lake	4/30	51	19.9	24.4	12.1						
PAROWAN											
Birch Crossing	4/30	0	0.0	0.0	2.5[b]						
Brian Head	4/28	63	28.0	32.6	20.8[b]						
Tall Poles	4/30	42	17.3	18.8	12.3[b]	4/30	2.20	3.48[b]	28.60	18.37[b]	156
Yankee Reservoir	4/30	25	8.8	10.4	7.0	4/30	2.42	3.01	19.85	15.14	131
ENTERPRISE TO NEW HARMONY DRAINAGES											
Little Grassy Creek	4/29	0	0.0	0.0	0.2	4/29	1.08	1.80	25.14	16.29	154
Long Flat	4/29	5	1.8	0.0	2.3	4/29	1.20	2.27	22.80	13.90	164
COAL CREEK											
Cedar City Golf Course				--	0.0[b]						
SUSC Ranch	4/30	8	2.7	11.5	2.5[b]						

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† 1958-1972 period

SNOW	THIS YEAR			PAST RECORD		PRECIPITATION (Inches)					
				Water Content (inches)		CURRENT INFORMATION			FROM APPROX. OCT 1 TO DATE		
DRAINAGE BASIN and/or SNOW COURSE NAME	Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Last Year	Average †	Date of Reading	Month's Precipitation	Average †	This Year	Average †	Percent of Average
COLORADO RIVER DRAINAGE											
UPPER GREEN RIVER - UTAH											
Ashley-Twin Lakes (A)	5/5	58	26.1	15.3	16.4[b]						
Black's Fork G.S.-East Fork	4/25	32	12.0	7.6	9.9	4/25	2.40	3.35	17.71	15.29	116
Black's Fork Junction	Not Measured			5.3	8.7			3.08		14.70	
Buck Pasture (A)	5/5	36	15.1	15.3	--						
Burnt Creek	4/28	1	0.1	--	--	4/28	2.35	3.06[b]	14.75	12.07[b]	122
Dutch John Junction	4/28	0	0.0	--	--	4/25	2.50e	--	20.10e	--	--
Grizzly Ridge	4/28	33	13.3	--	--	4/28	2.00	3.25[b]	21.55	16.69[b]	129
Hewinta G.S.	4/25	31	11.9	9.0	10.4	4/25	2.08a	3.59	18.65a	16.15	115
Hickerson Park	4/25	32	11.0	7.0	5.9[b]	4/25	2.55	3.56[b]	14.40	12.97	111
King's Cabin (upper)	4/25	42	16.6	9.8	10.3	4/25	1.65	2.95	19.19	19.21	135
Reynold's Park (A)	5/5	51	23.0	20.3	--						
Spirit Lake	4/25	50	20.7	15.3	15.5	4/25	3.45	4.94[b]	21.85	18.55	118
Steel Creek Park	4/25	59	22.3	14.2	18.7						
Trout Creek	4/25	38	13.7	9.9	--	4/25	2.25	--	20.10	--	--
Henry's Fork (A)	5/5	40	16.8	10.8	11.0[b]						
DUCHESNE RIVER											
Atwood Lake (A)	5/5	27	12.2	13.9	--						
Brown Duck Ridge	4/25	70	27.7	21.5	20.2a	4/25	1.95	--	28.75	--	--
Chepeta-Whiterocks	4/26	48	17.6	18.6	14.9[b]						
Currant Creek	5/3	13	5.1	5.9	2.3[b]	5/3	1.53	2.41[b]	23.84	16.20	147
Daniels-Strawberry Summit	5/3	30	12.6	12.7	9.5	5/3	2.05	3.28	31.57	21.09	150
East Portal	5/1	21	8.0	6.8	4.4[b]	5/1	1.08	2.99[b]	--	19.72	--
Five Points Lake (A)	5/5	45	20.2	14.4	--						
Indian Canyon	5/3	31	12.8	16.9	10.9	5/3	1.81	2.68	22.21	15.46	144
Jackson Park	4/26	51	21.0	16.0	--	4/26	2.15	--	22.75	--	--
Lakefork Basin (A)	5/5	59	26.6	21.0	--						
Lakefork Mountain	4/26	42	17.9	10.7	11.9	4/26	1.85	3.08	20.37	15.70	130
Lakefork Mountain #3	4/26	18	7.6	2.4	2.1						
Lightning Lake (A)	5/5	72	32.4	23.1	--						
Mosby Mountain	4/26	47	18.7	11.9	9.9	4/26	2.15	3.18[b]	21.65	15.18	142
Paradise Park	4/26	49	20.9	18.8	14.3	4/26	2.40	3.91	20.30	16.96	120
Rock Creek Ranch	4/25	16	6.9	0.0	1.3[b]	4/26	1.85	2.27	18.97	13.20	144
Strawberry Divide	5/1	96	19.8	20.1	--						
PRICE RIVER											
Dry Valley Divide Alternate	5/3	10	3.6	5.6	--						
Gooseberry Reservoir						5/3	2.03	3.60	31.80	21.71	146
Mud Creek	5/2	34	13.1	9.6	7.9	5/2	2.52	2.96	25.17	17.21	146
White River #1	5/3	27	10.8	15.4	10.5	5/3	2.12	2.84	21.07	16.06	131
White River #3	5/3	0	0.0	0.0	1.0[b]						
SAN RAFAEL RIVER											
Buck Flat	5/2	54	23.9	19.9	15.4	5/2	3.02	3.24	28.68	20.45	140
Huntington-Horseshoe	5/2	70	31.9	30.0	--						
Orange Olsen	5/2	0	0.0	0.0	--	5/2	1.78	1.13[b]	15.72	8.53	184
Red Pine Ridge	5/2	45	19.5	15.9	14.8	5/2	3.26	3.60	28.81	23.39	123
Seeley Creek R.S.	5/2	53	23.7	20.5	17.2						
Stuart R.S.	5/2	14	6.0	0.8	1.8	5/2	3.15	2.15	19.45	13.77	141
Upper Joe's Valley	5/2	26	10.6	8.0	5.7						
Wrigley Creek	5/2	32	13.3	13.4	8.1						
MUDDY RIVER											
Black's Fork	5/2	36	15.1	14.4	--						
Dill's Camp	5/2	37	15.0	11.1	9.9a	5/2	2.89	--	23.23	--	--
FREMONT RIVER											
Black's Flat-U.M. Creek	5/4	32	12.5	11.8	8.8	5/4	2.12	2.65	20.24	14.75	137
Fish Lake	5/4	10	3.8	11.3	5.4	5/4	2.72	2.16	28.59	11.34	252
Johnson Valley	5/4	16	5.1	5.9	4.4						

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SNOW	THIS YEAR			PAST RECORD		PRECIPITATION (Inches)					
DRAINAGE BASIN and/or SNOW COURSE NAME	Date of Survey	Snow Depth (inches)	Water Content (inches)	Water Content (inches) Last Year	Average †	CURRENT INFORMATION Date of Reading	Month's Precipitation	Average †	FROM APPROX. OCT 1 TO DATE This Year	Average †	Percent of Average
SOUTHEASTERN UTAH DRAINAGES											
Buckboard Flat	4/24	51	20.1	22.0	7.1	4/24	2.92	2.75	21.58	20.89	103
Camp Jackson	4/24	52	21.7	22.3	5.8	4/24	1.80	2.42	20.99	19.20	109
LaSal Mountain (lower)	4/28	32	12.2	8.4	4.3						
LaSal Mountain (upper)	4/28	58	25.6	22.2	12.6	4/28	2.92	2.99	28.00	17.17	163
Monticello City Park	4/24	0	0.0	0.0	--						
ESCALANTE RIVER											
Widtsoe-Escalante #3	5/4	37	16.3	21.2	9.0	5/4	4.97	3.14	24.83	15.21	163
VIRGIN RIVER											
Kolob-Crystal	4/29	81	34.8	38.9	22.5a						
Long Valley Junction	5/3	0	0.0	0.0	0.0b						
Webster Flat	4/29	62	34.4	32.7	13.8	4/29	1.58	3.81	37.90	23.08	164

a - Partly estimated
b - Average of past record in average period - less than 15 years
+ - 1963-77 15 year average record period
(A) - Aerial marker reading

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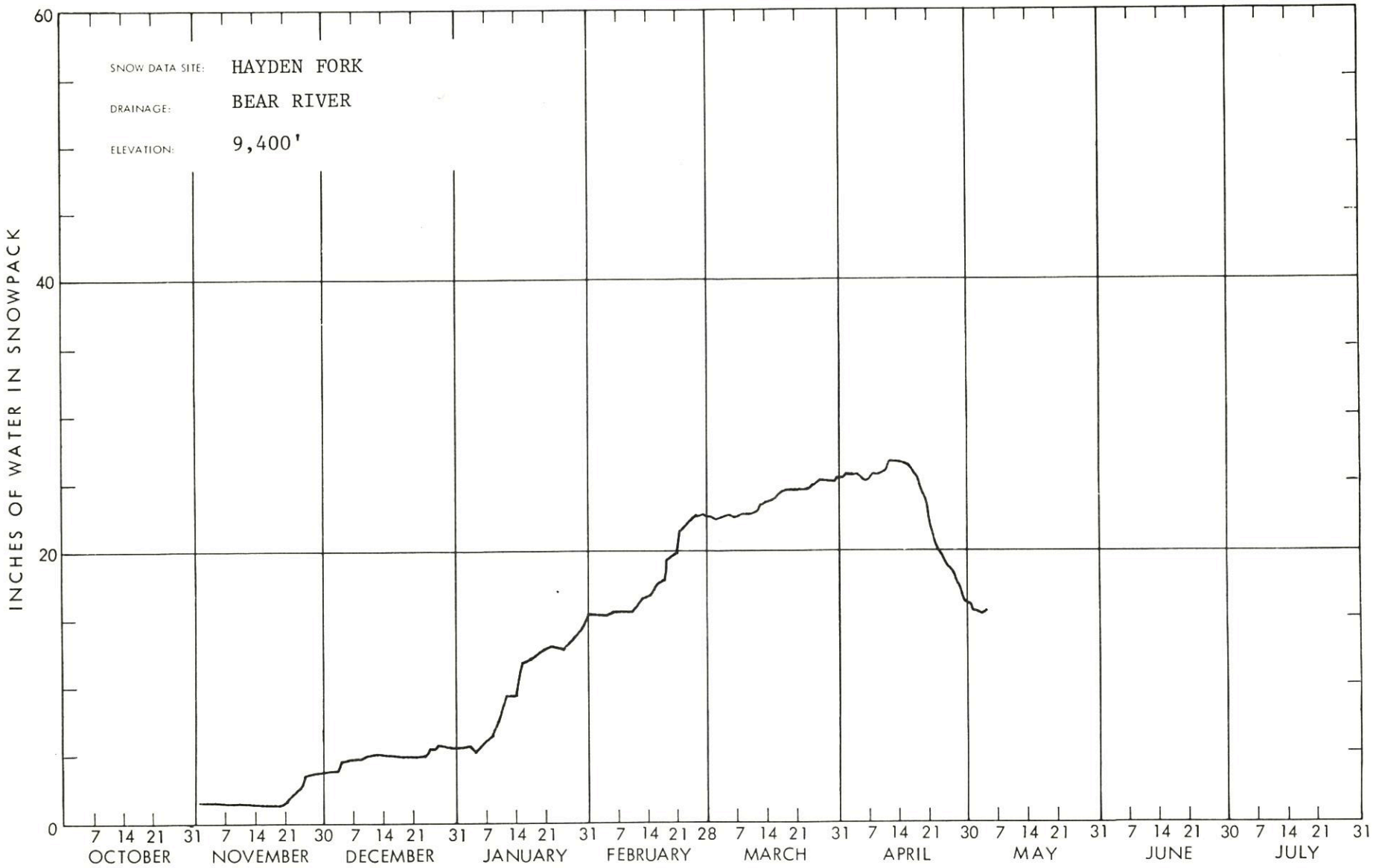
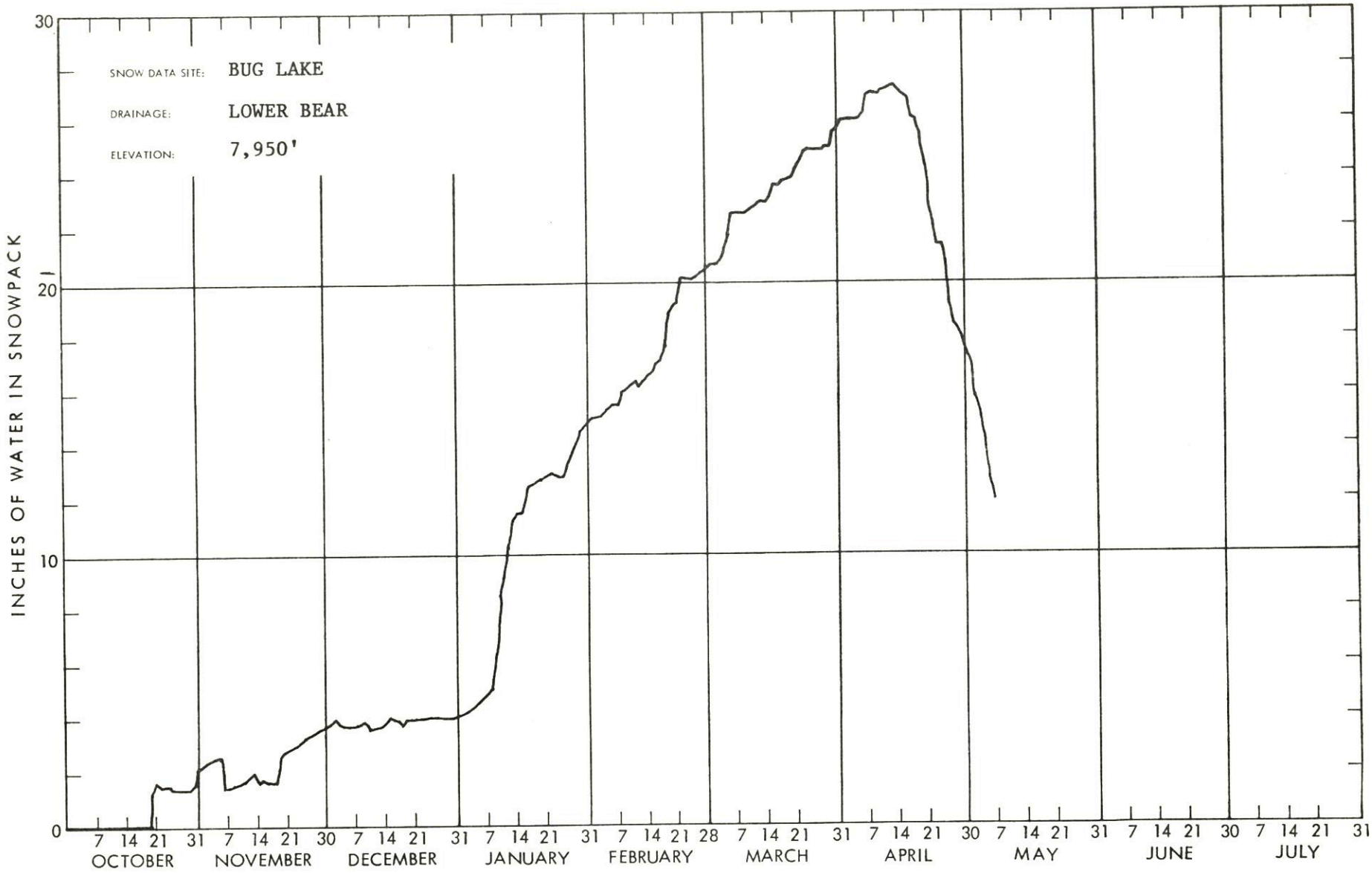
† 1958-1972 period


SNOW DATA SITE: HAYDEN FORK
DRAINAGE: BEAR RIVER
ELEVATION: 9,400'
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: BUG LAKE
DRAINAGE: LOWER BEAR
ELEVATION: 7,950'
INCHES OF WATER IN SNOWPACK
30
20
10
0
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OCTOBER
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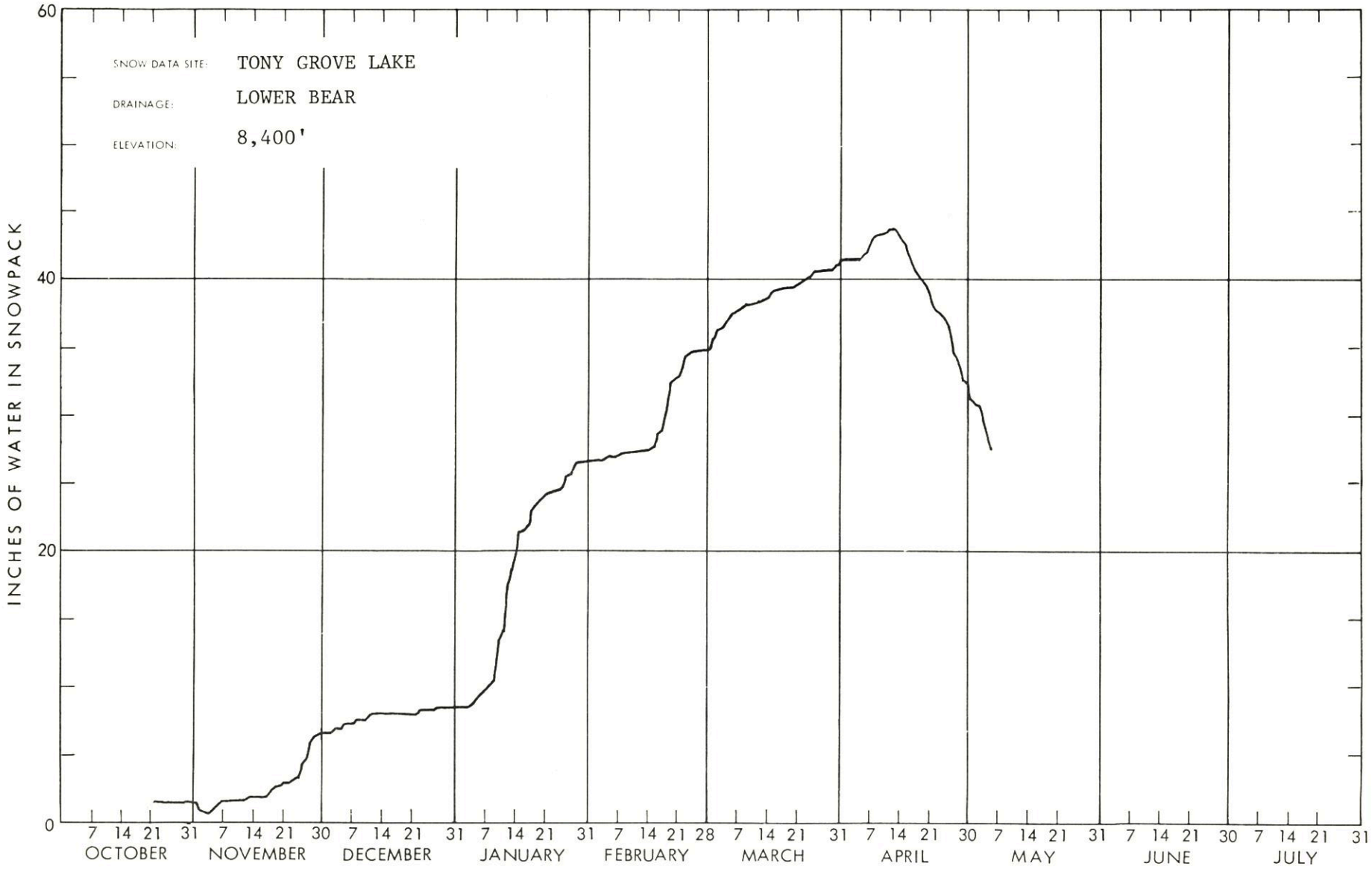
DECEMBER
JANUARY
FEBRUARY
MARCH
APRIL
MAY
JUNE
JULY


SNOW DATA SITE: TONY GROVE LAKE
DRAINAGE: LOWER BEAR
ELEVATION: 8,400'
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
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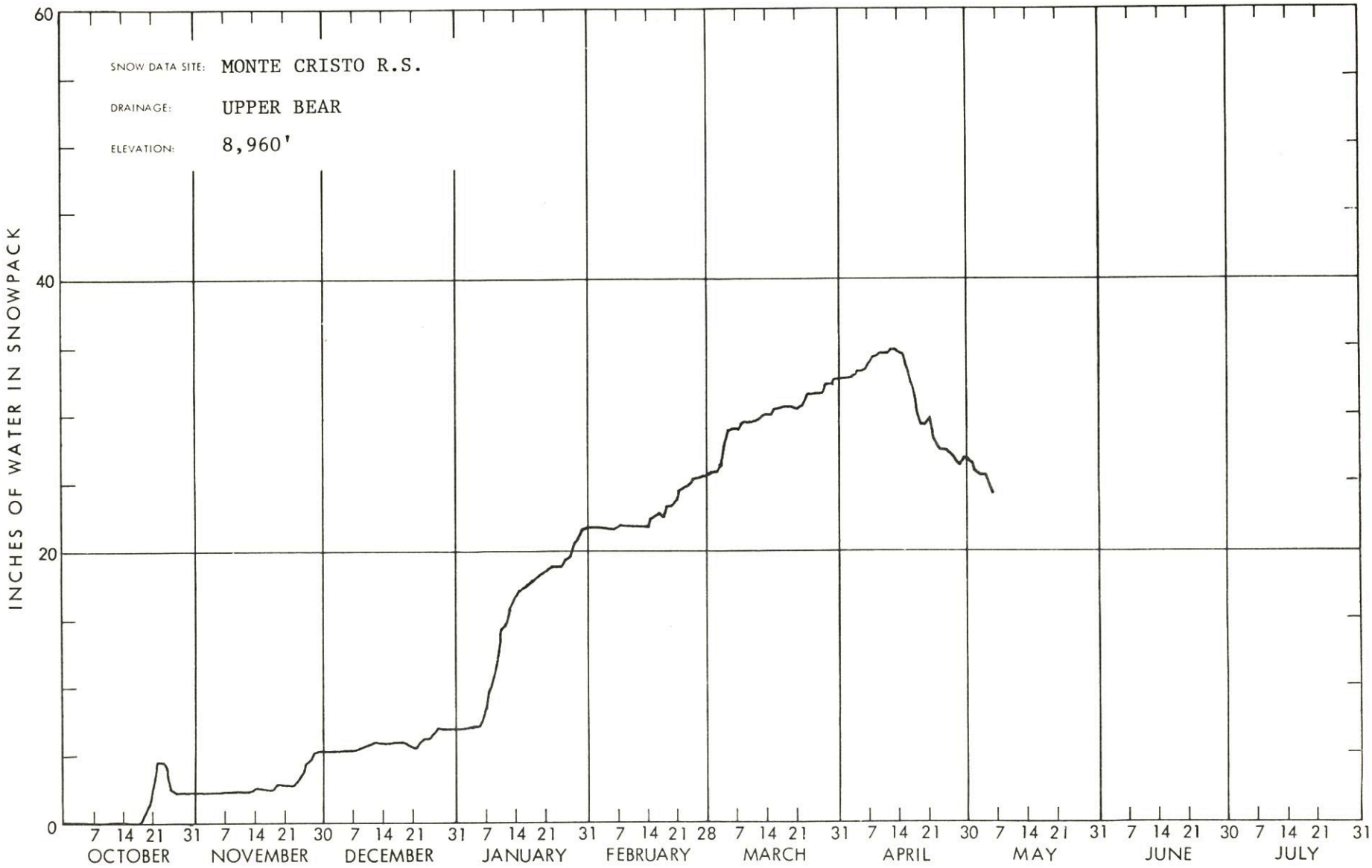
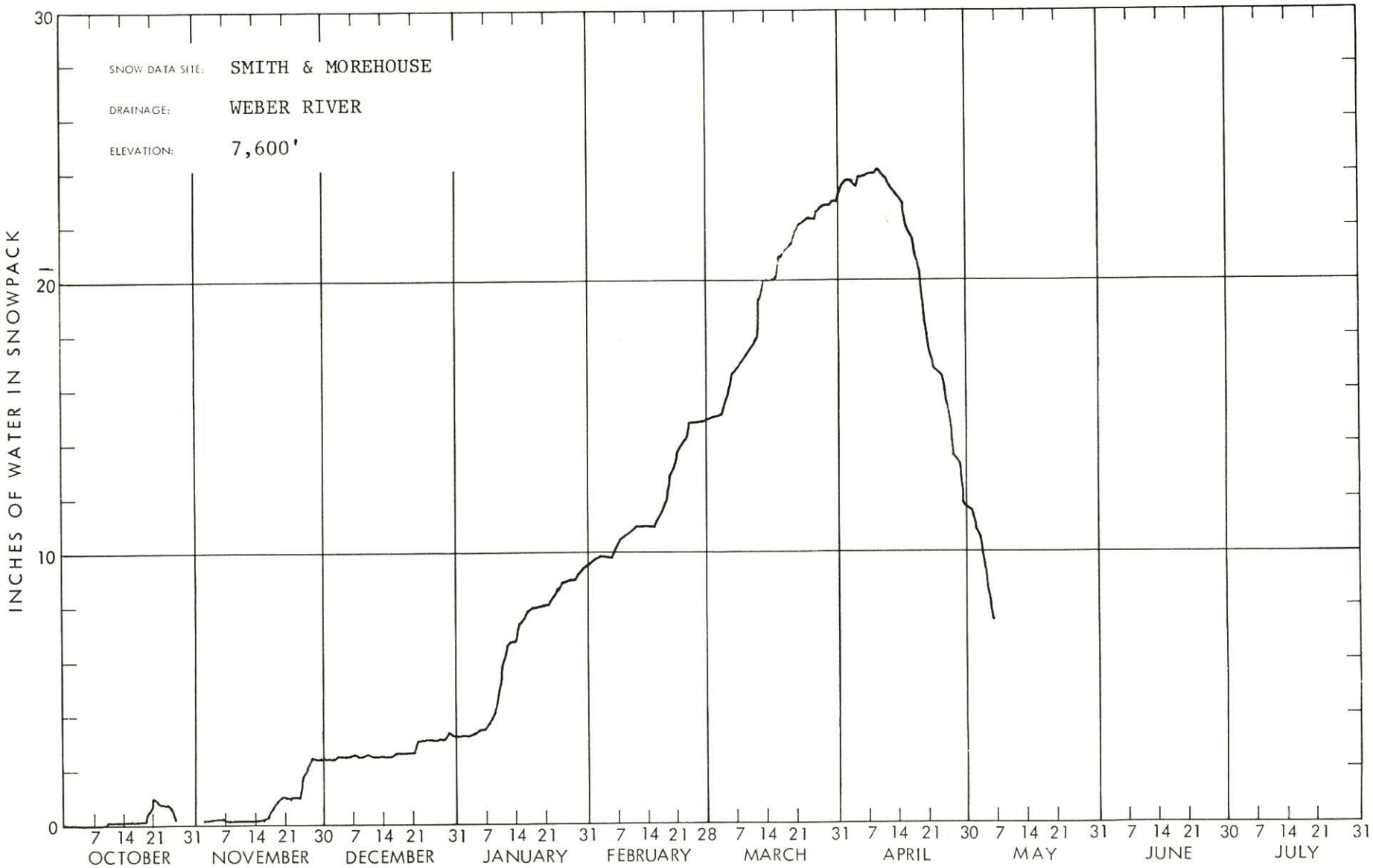
APRIL
MAY
JUNE
JULY


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


SNOW DATA SITE: SMITH & MOREHOUSE
DRAINAGE: WEBER RIVER
ELEVATION: 7,600'
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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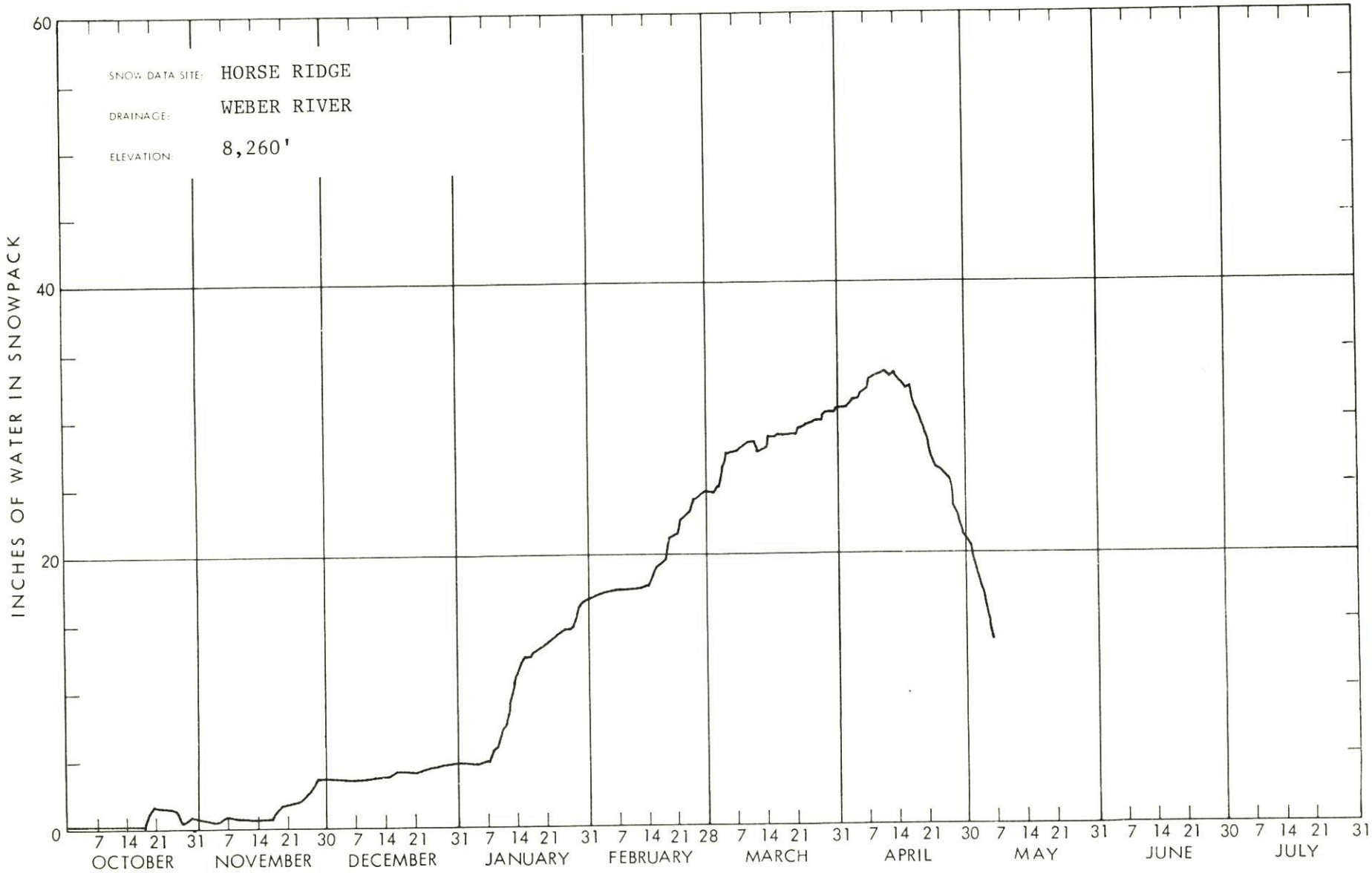
SNOW DATA SITE: HORSE RIDGE
DRAINAGE: WEBER RIVER
ELEVATION: 8,260'
INCHES OF WATER IN SNOWPACK
60
40
20
0
7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 31 7 14 21 28 7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 30 7 14 21 31
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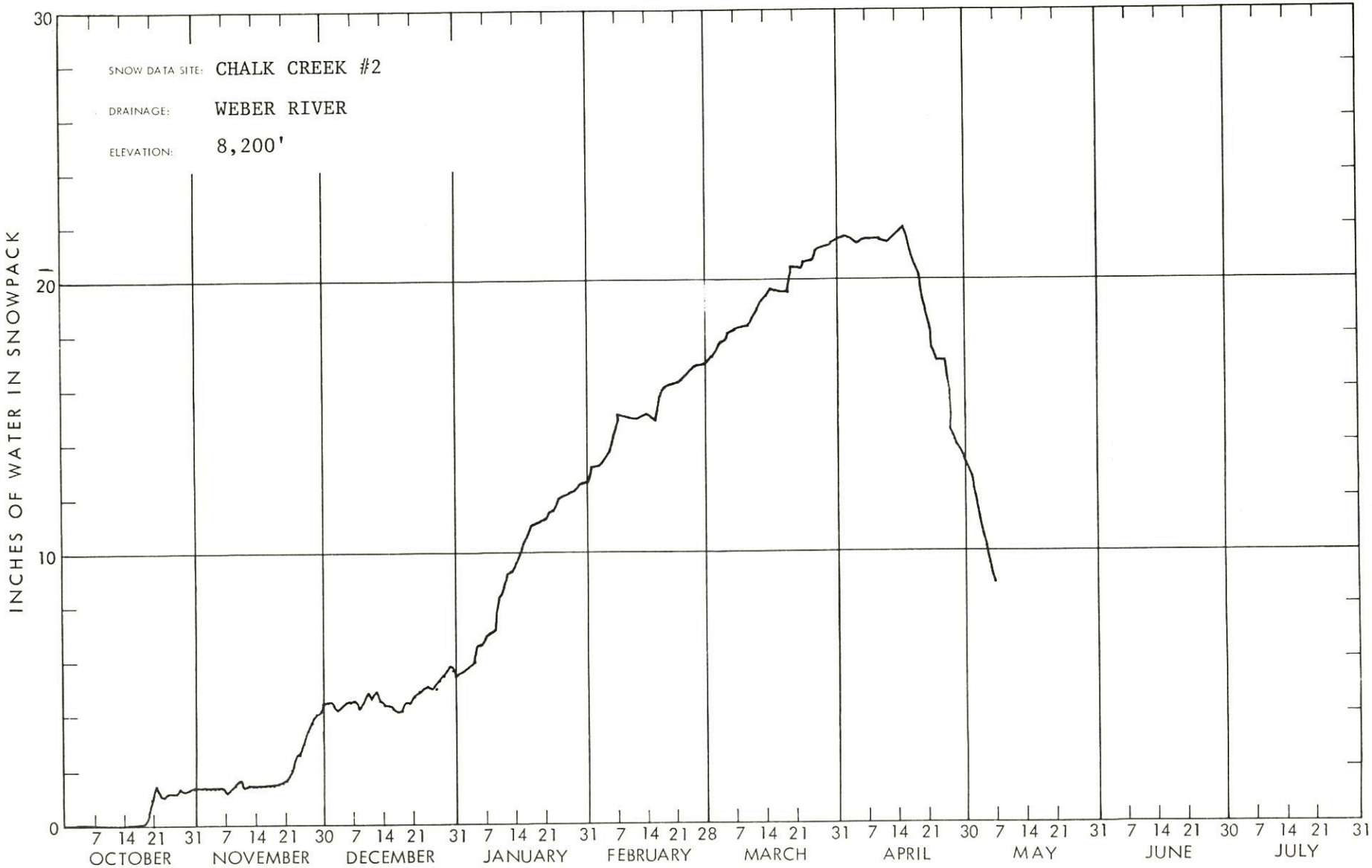
SNOW DATA SITE: CHALK CREEK #2
DRAINAGE: WEBER RIVER
ELEVATION: 8,200'
INCHES OF WATER IN SNOWPACK
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20
10
0
7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 31 7 14 21 28 7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 30 7 14 21 31
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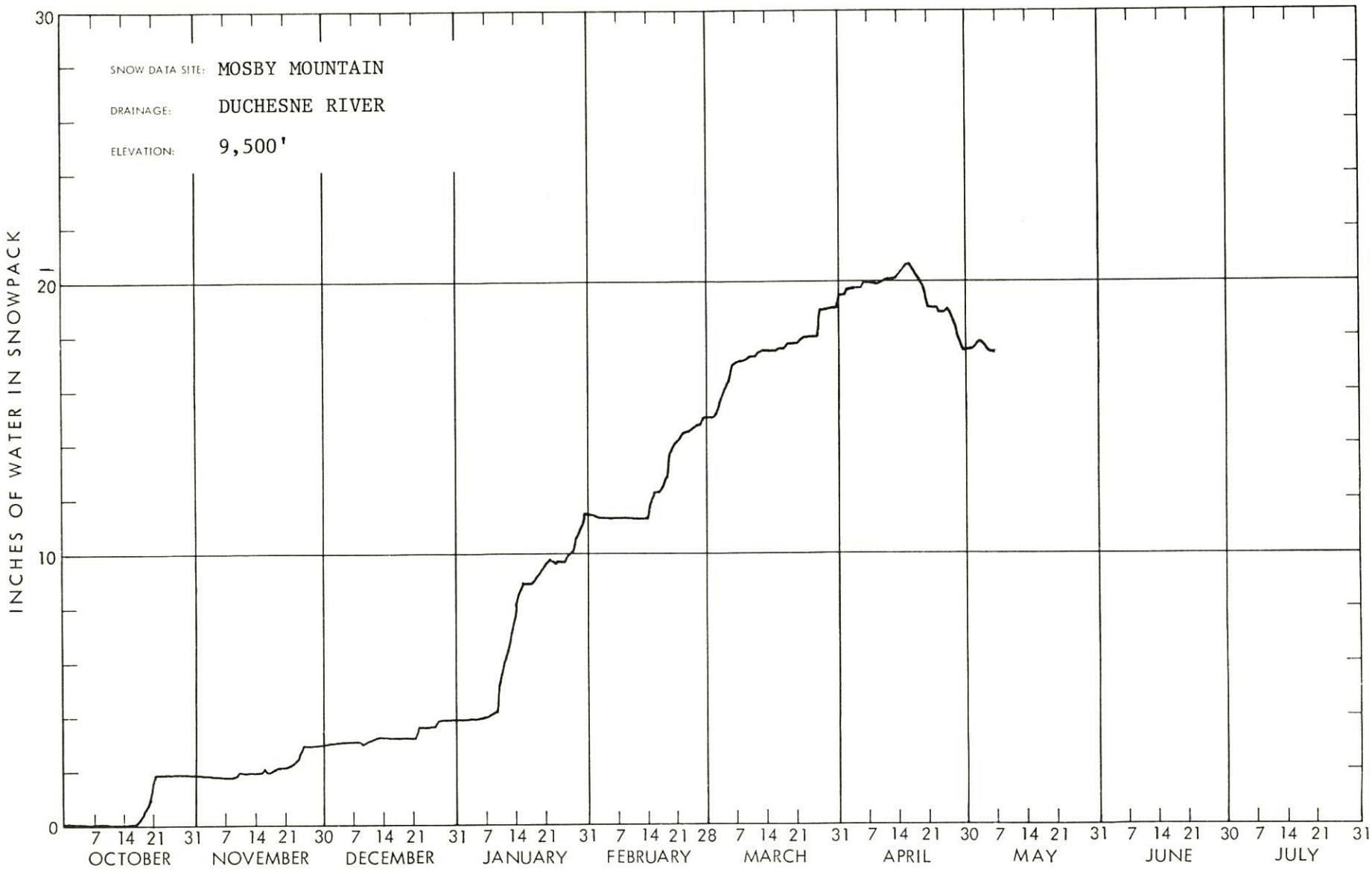
SNOW DATA SITE: MOSBY MOUNTAIN
DRAINAGE: DUCHESNE RIVER
ELEVATION: 9,500'
INCHES OF WATER IN SNOWPACK
30
20
10
0
7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 31 7 14 21 28 7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 30 7 14 21 31
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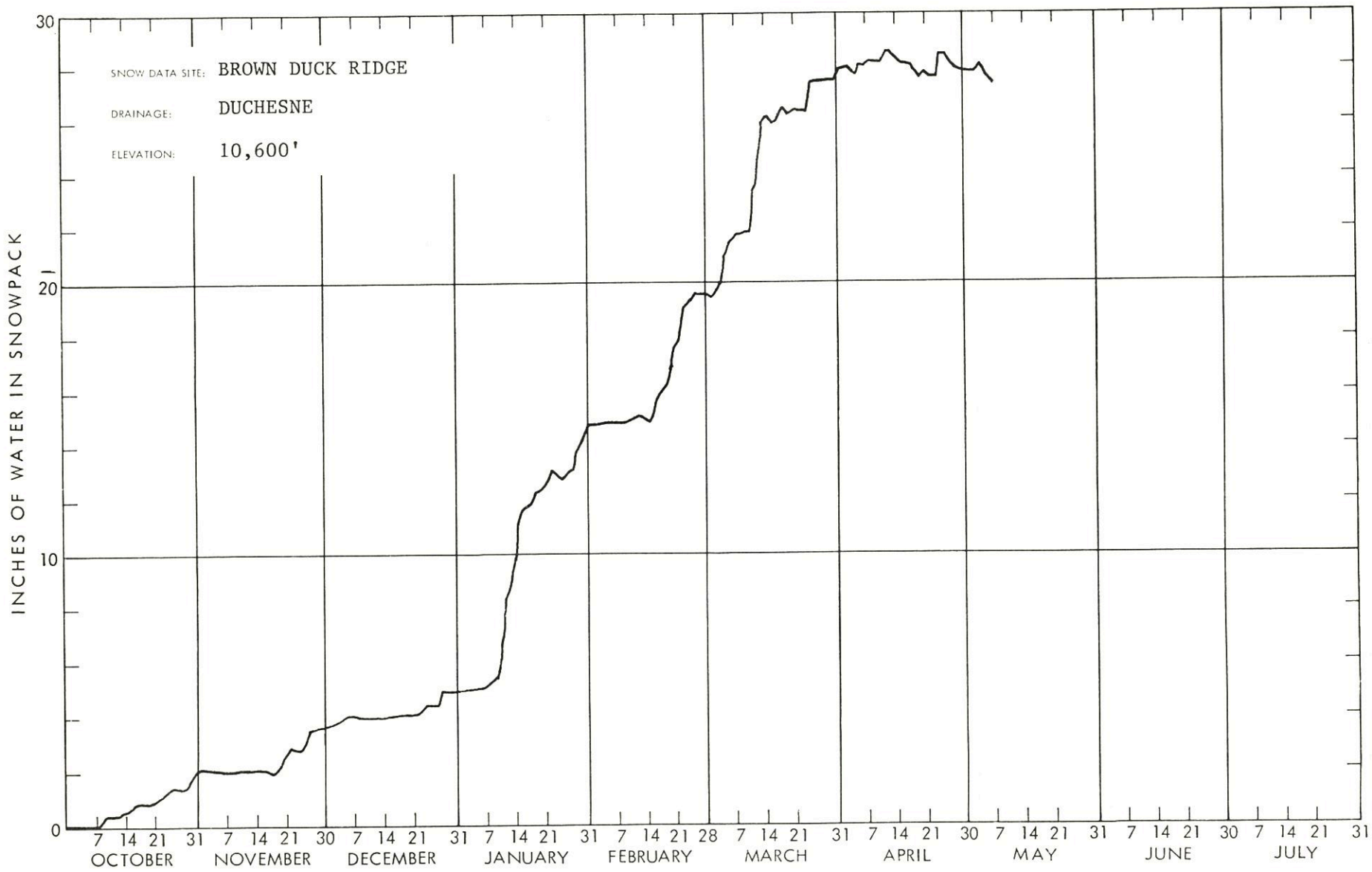
SNOW DATA SITE: BROWN DUCK RIDGE
DRAINAGE: DUCHESNE
ELEVATION: 10,600'
INCHES OF WATER IN SNOWPACK
30
20
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7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 31 7 14 21 28 7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 30 7 14 21 31
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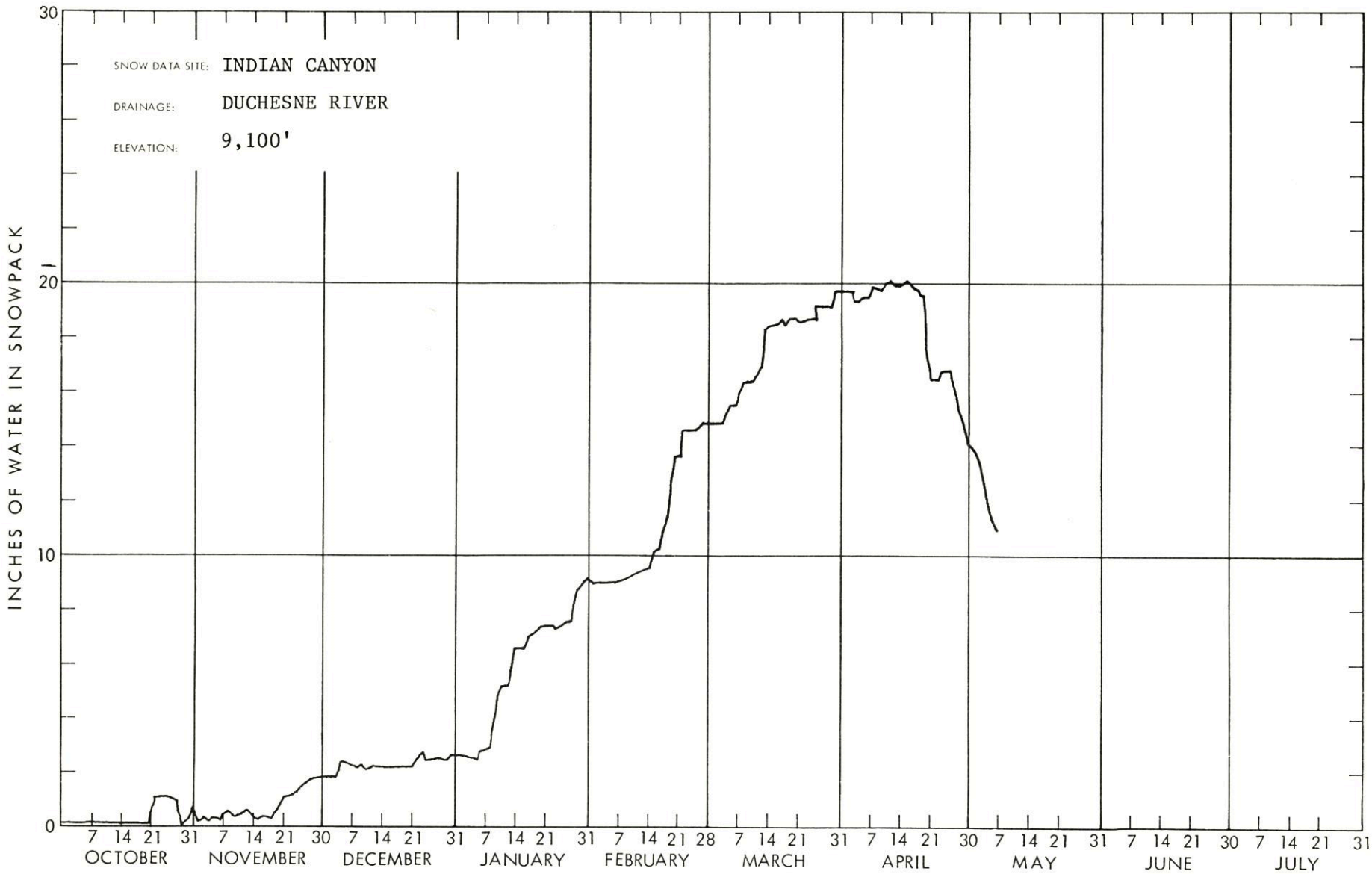
SNOW DATA SITE: INDIAN CANYON
DRAINAGE: DUCHESNE RIVER
ELEVATION: 9,100'
INCHES OF WATER IN SNOWPACK
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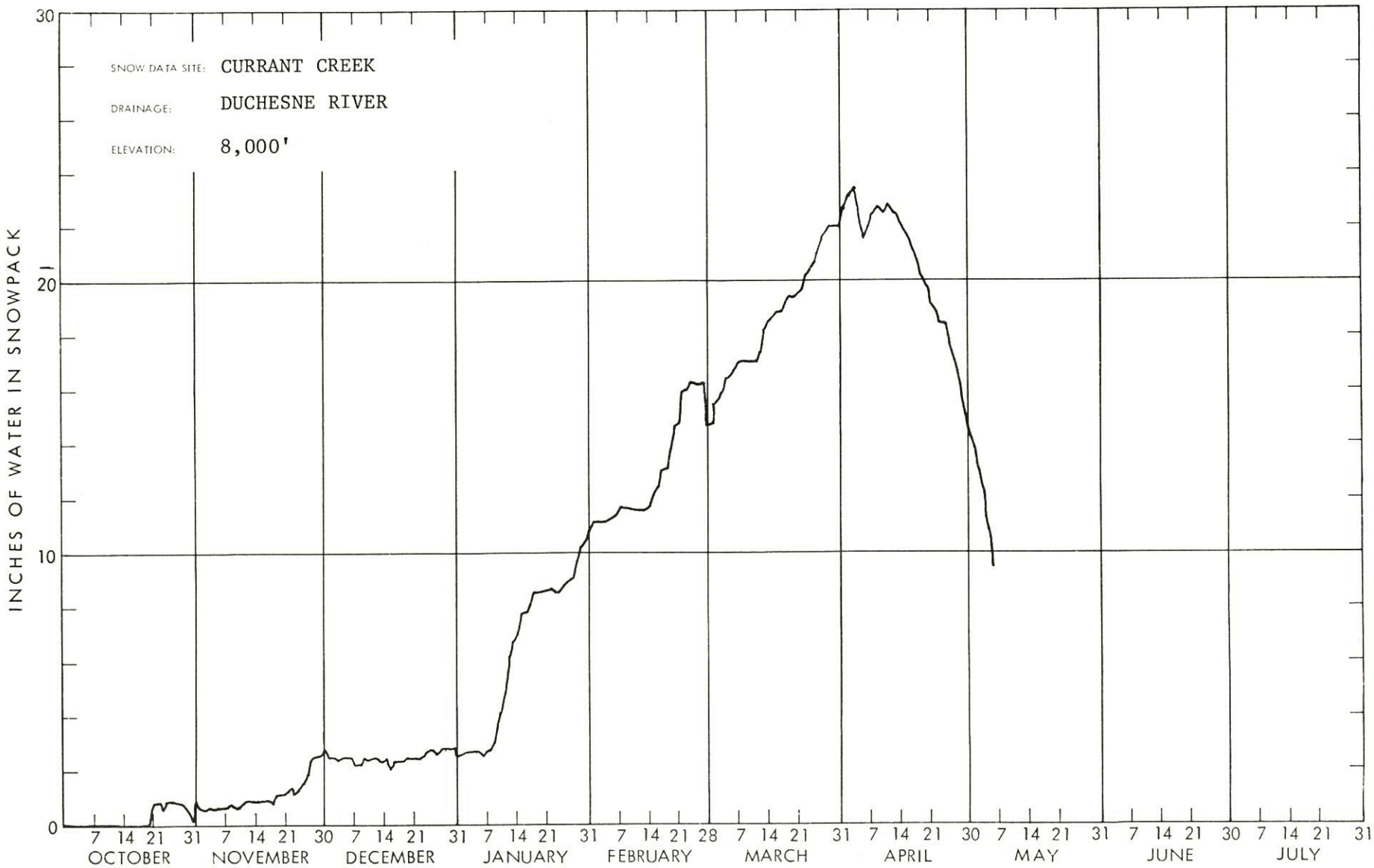
SNOW DATA SITE: CURRANT CREEK
DRAINAGE: DUCHESNE RIVER
ELEVATION: 8,000'
INCHES OF WATER IN SNOWPACK
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20
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7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 31 7 14 21 28 7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 30 7 14 21 31
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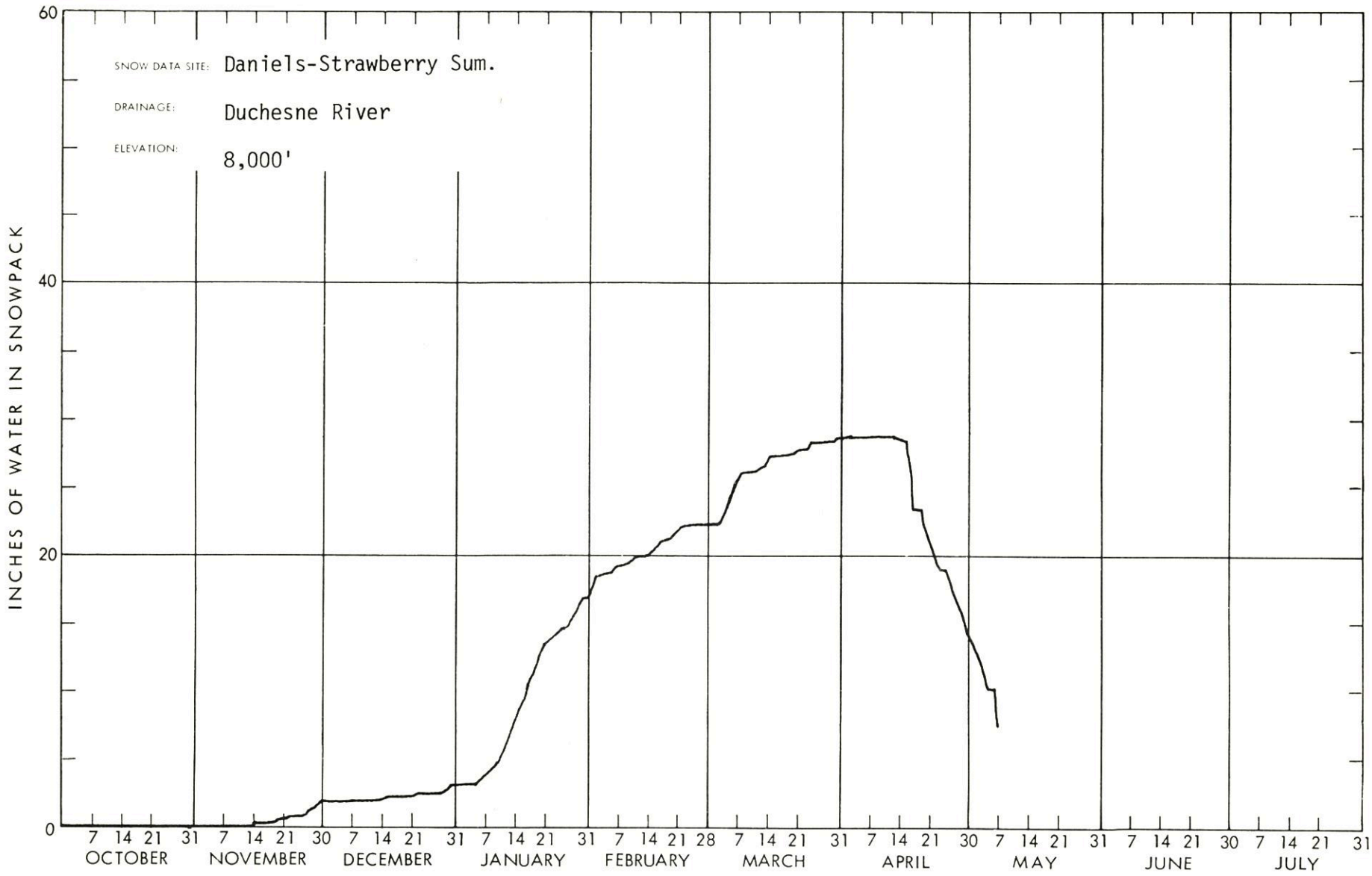
SNOW DATA SITE: Daniels-Strawberry Sum.
DRAINAGE: Duchesne River
ELEVATION: 8,000'
INCHES OF WATER IN SNOWPACK
60
40
20
0
7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 31 7 14 21 28 7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 30 7 14 21 31
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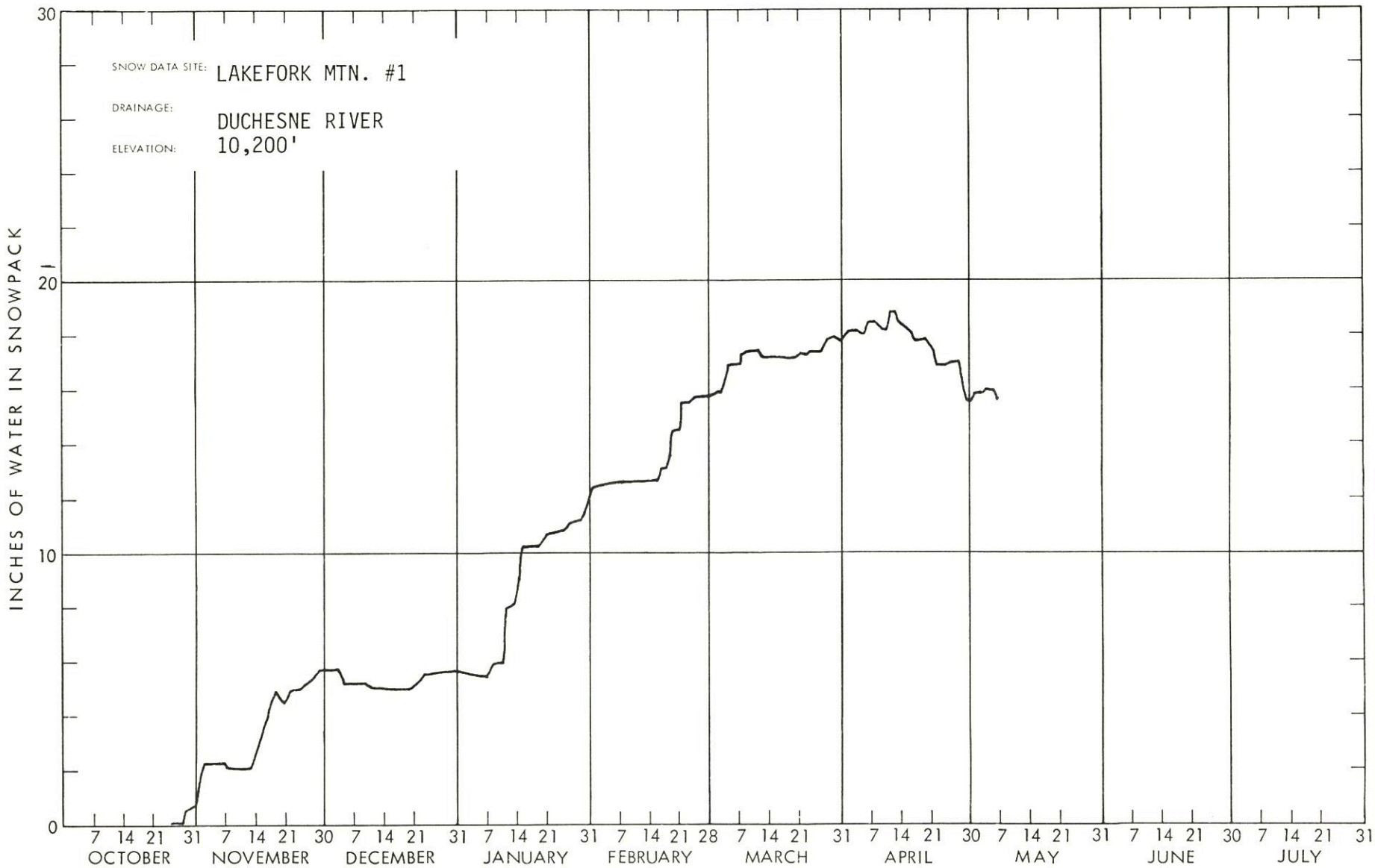
SNOW DATA SITE: LAKEFORK MTN. #1
DRAINAGE: DUCHESNE RIVER
ELEVATION: 10,200'
INCHES OF WATER IN SNOWPACK
30
20
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7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 31 7 14 21 28 7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 30 7 14 21 31
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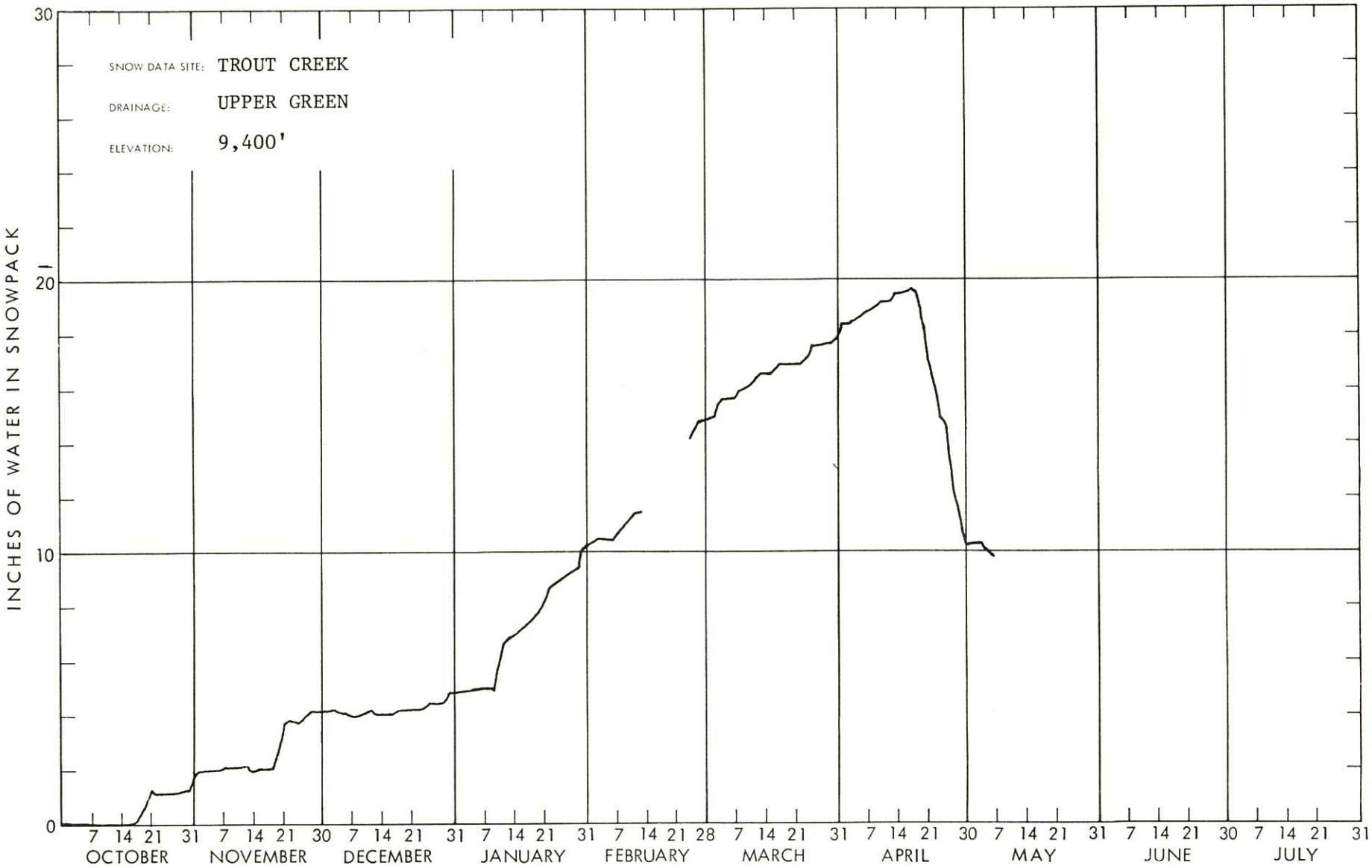
SNOW DATA SITE: TROUT CREEK
DRAINAGE: UPPER GREEN
ELEVATION: 9,400'
INCHES OF WATER IN SNOWPACK
30
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7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 31 7 14 21 28 7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 30 7 14 21 31
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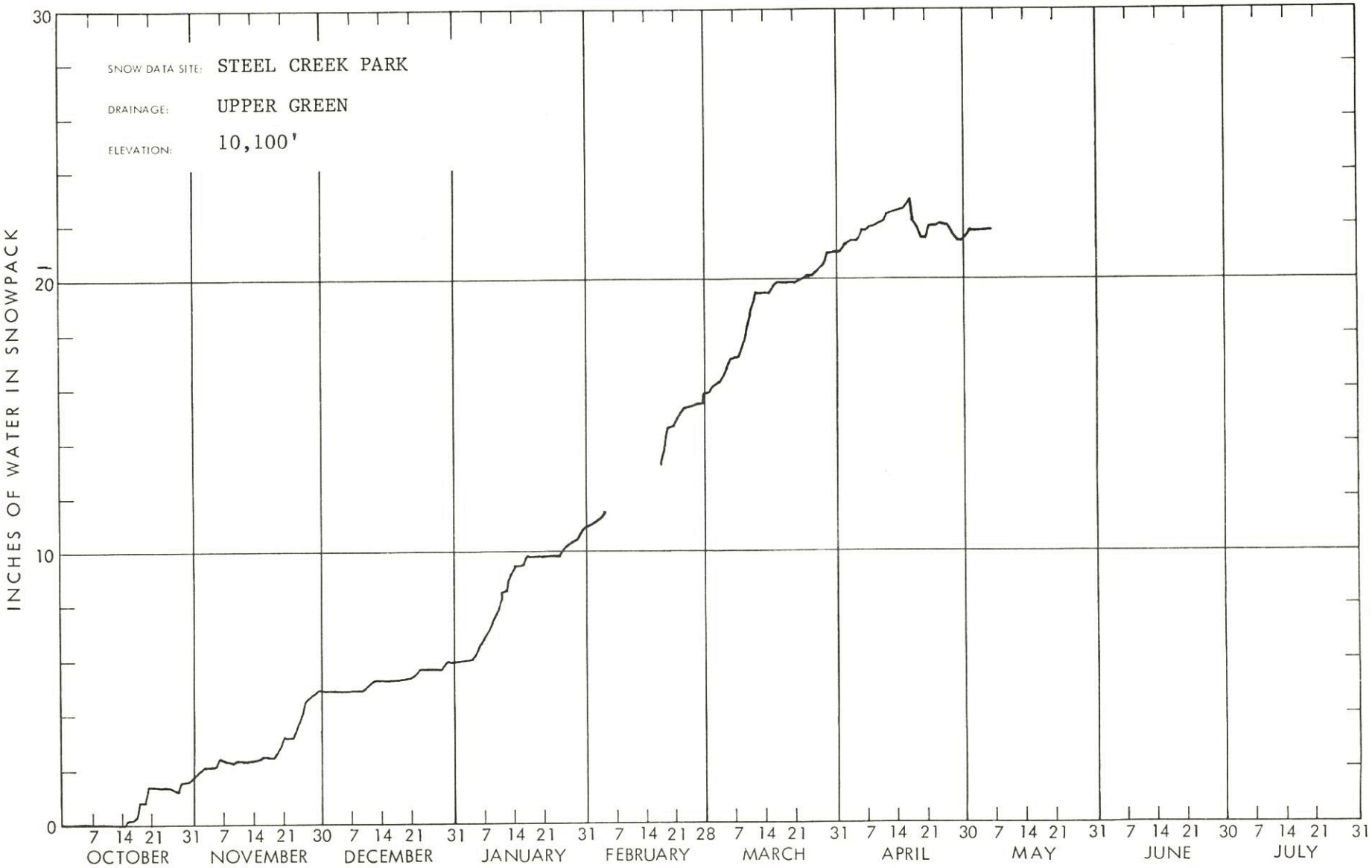
SNOW DATA SITE: STEEL CREEK PARK
DRAINAGE: UPPER GREEN
ELEVATION: 10,100'
INCHES OF WATER IN SNOWPACK
30
20
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7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 31 7 14 21 28 7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 30 7 14 21 31
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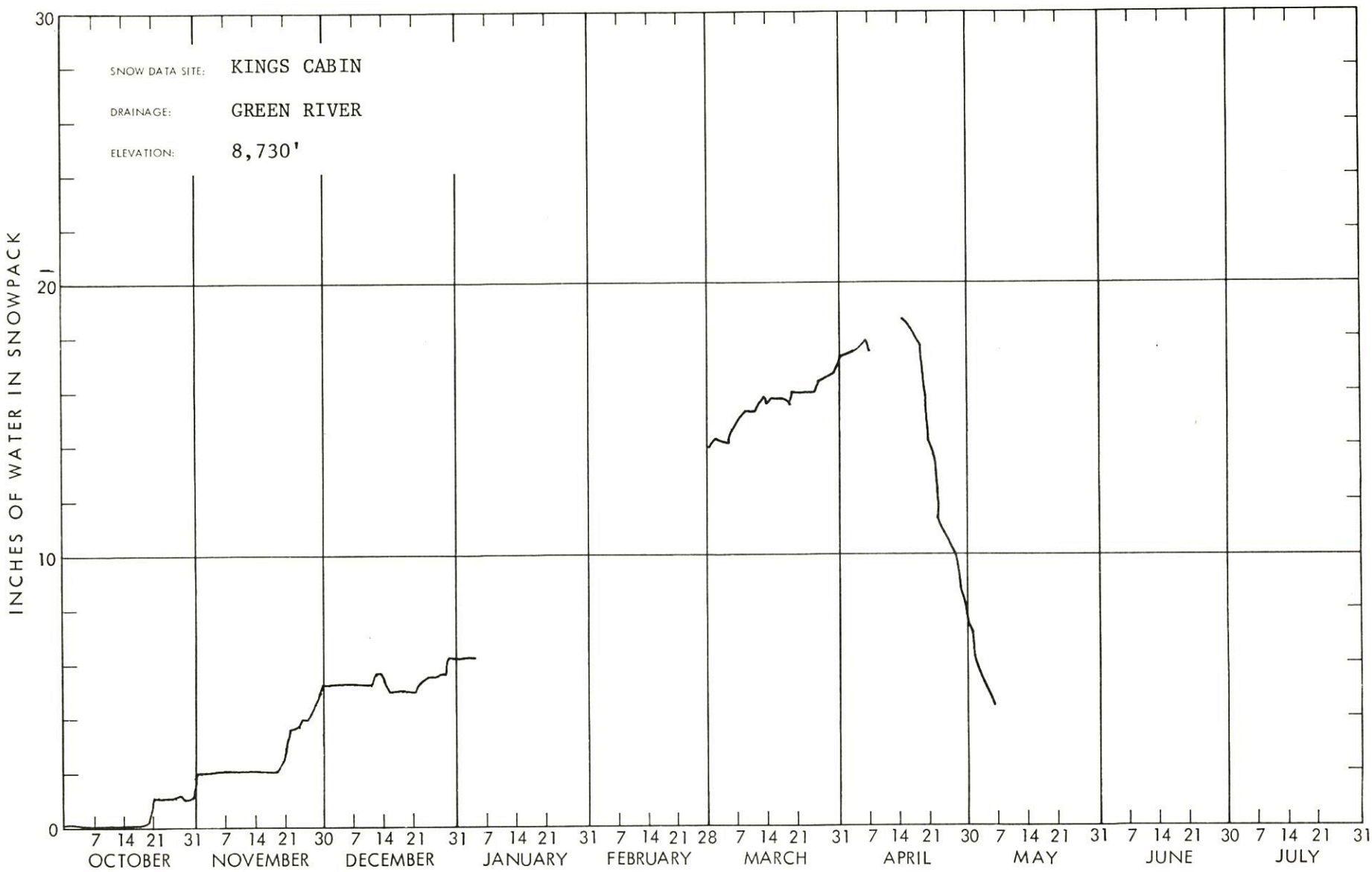
SNOW DATA SITE: KINGS CABIN
DRAINAGE: GREEN RIVER
ELEVATION: 8,730'
INCHES OF WATER IN SNOWPACK
30
20
10
0
7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 31 7 14 21 28 7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 30 7 14 21 31
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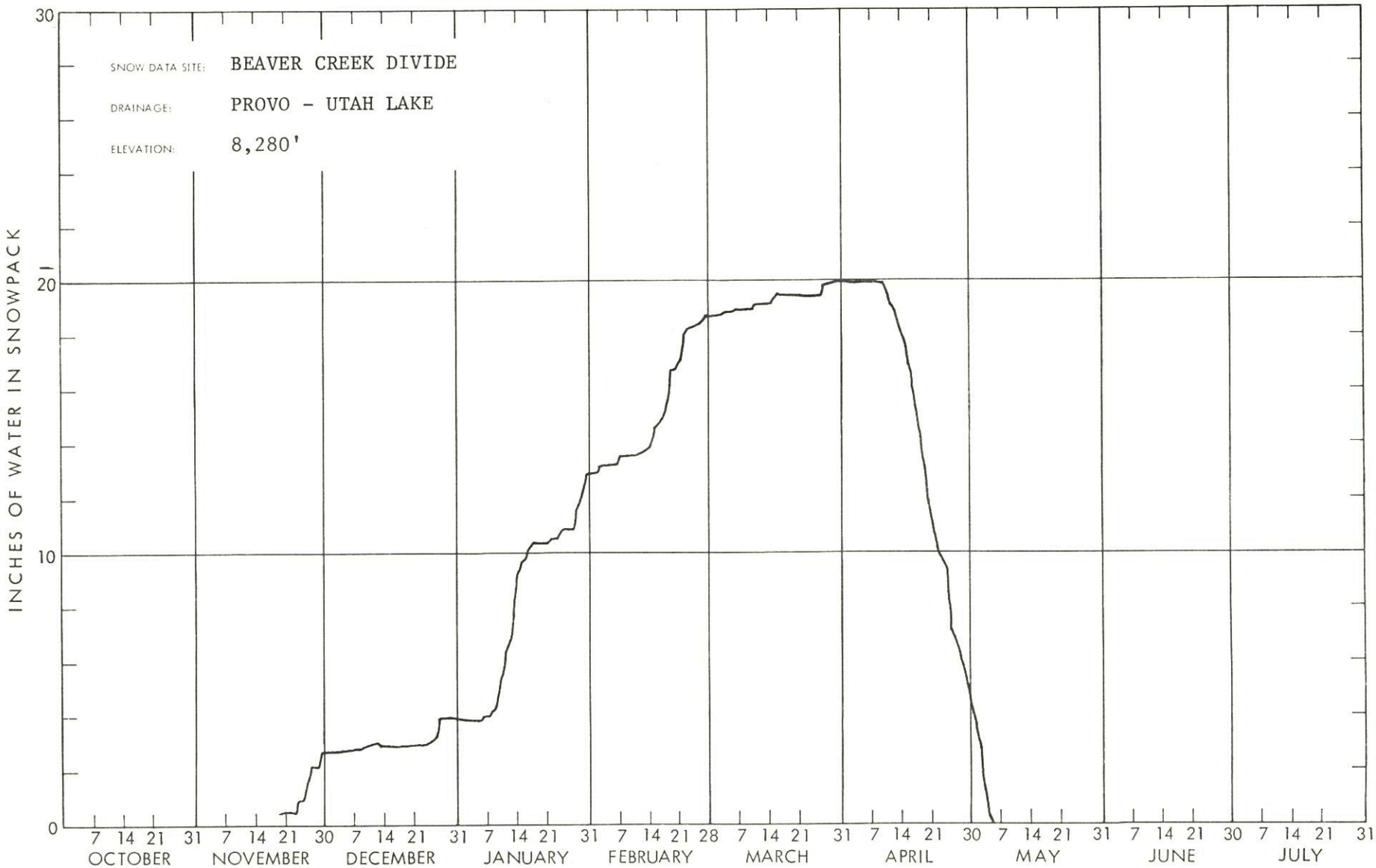
SNOW DATA SITE: BEAVER CREEK DIVIDE
DRAINAGE: PROVO - UTAH LAKE
ELEVATION: 8,280'
INCHES OF WATER IN SNOWPACK
30
20
10
0
7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 31 7 14 21 28 7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 30 7 14 21 31
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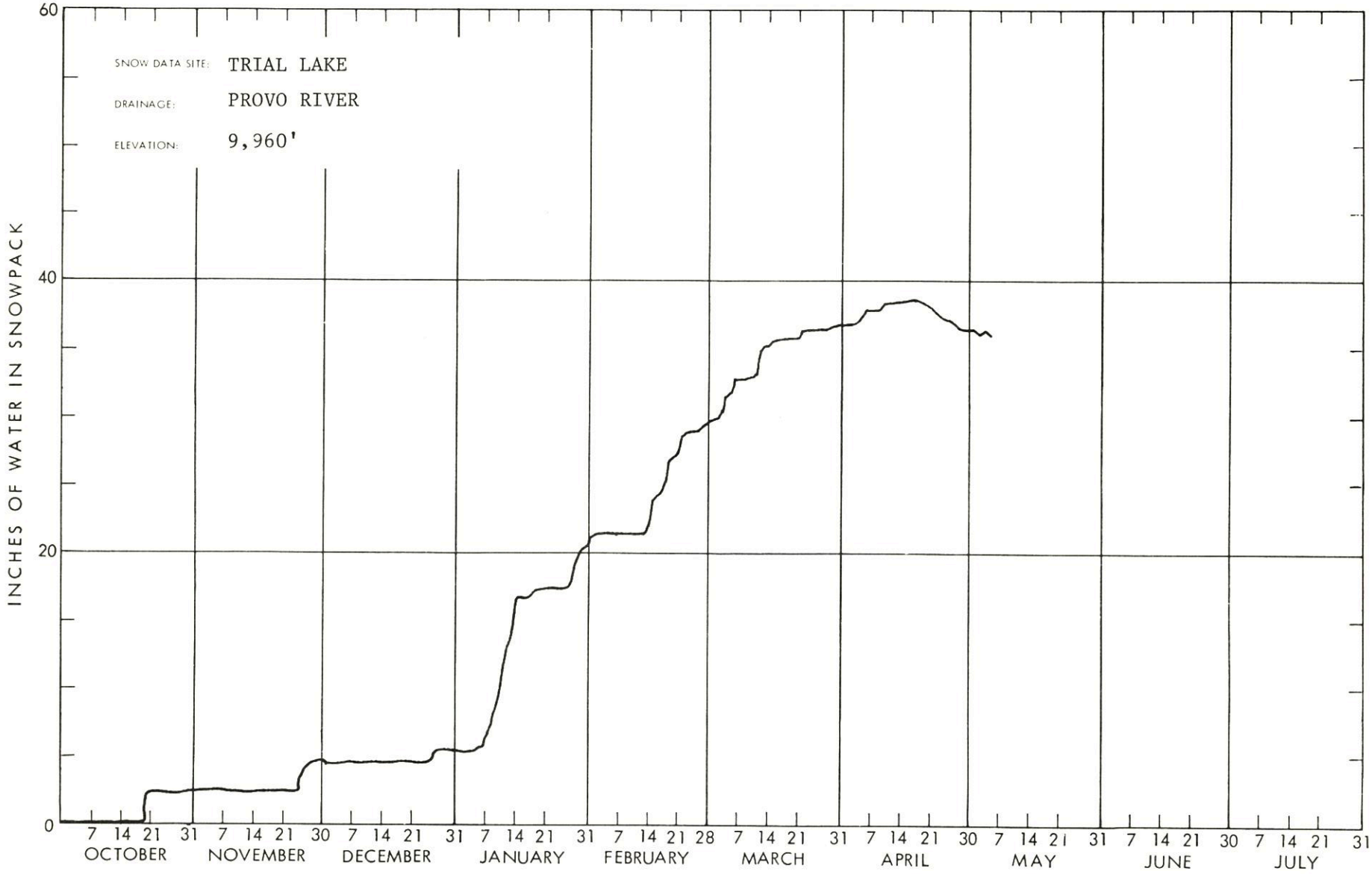
SNOW DATA SITE: TRIAL LAKE
DRAINAGE: PROVO RIVER
ELEVATION: 9,960'
INCHES OF WATER IN SNOWPACK
60
40
20
0
7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 31 7 14 21 28 7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 30 7 14 21 31
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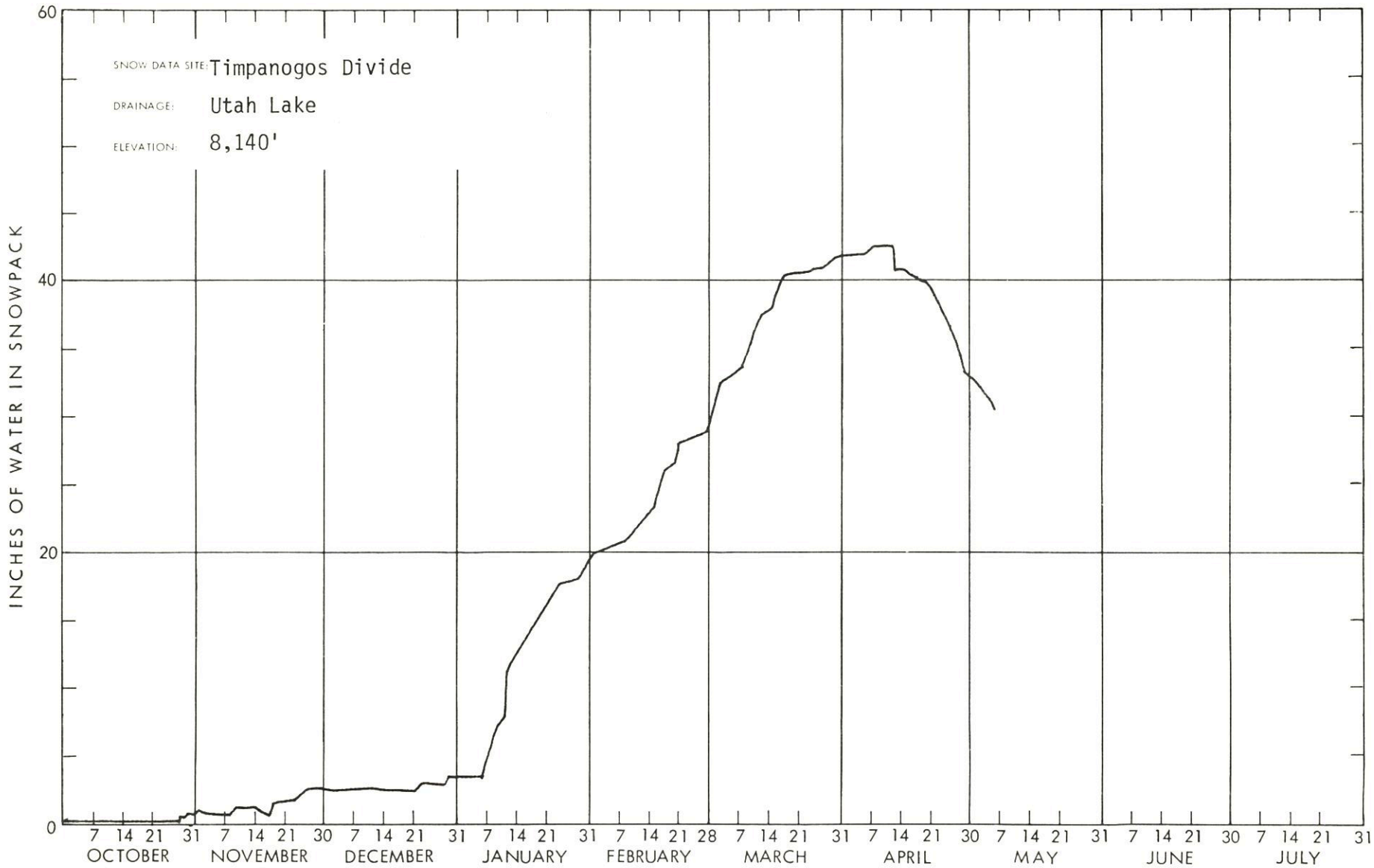
SNOW DATA SITE: Timpanogos Divide
DRAINAGE: Utah Lake
ELEVATION: 8,140'
INCHES OF WATER IN SNOWPACK
60
40
20
0
7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 31 7 14 21 28 7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 30 7 14 21 31
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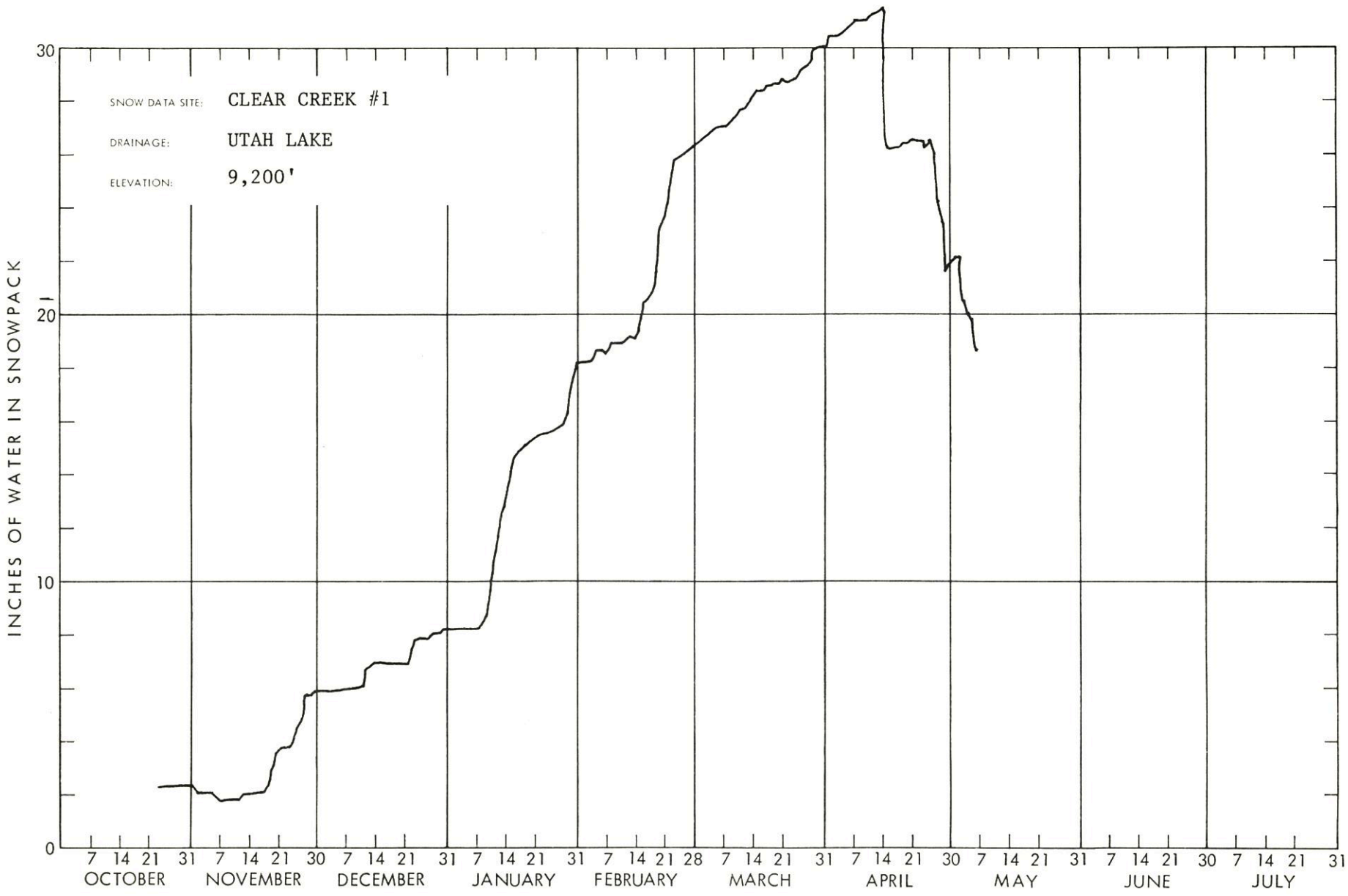
SNOW DATA SITE: CLEAR CREEK #1
DRAINAGE: UTAH LAKE
ELEVATION: 9,200'
INCHES OF WATER IN SNOWPACK
30
20
10
0
7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 31 7 14 21 28 7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 30 7 14 21 31
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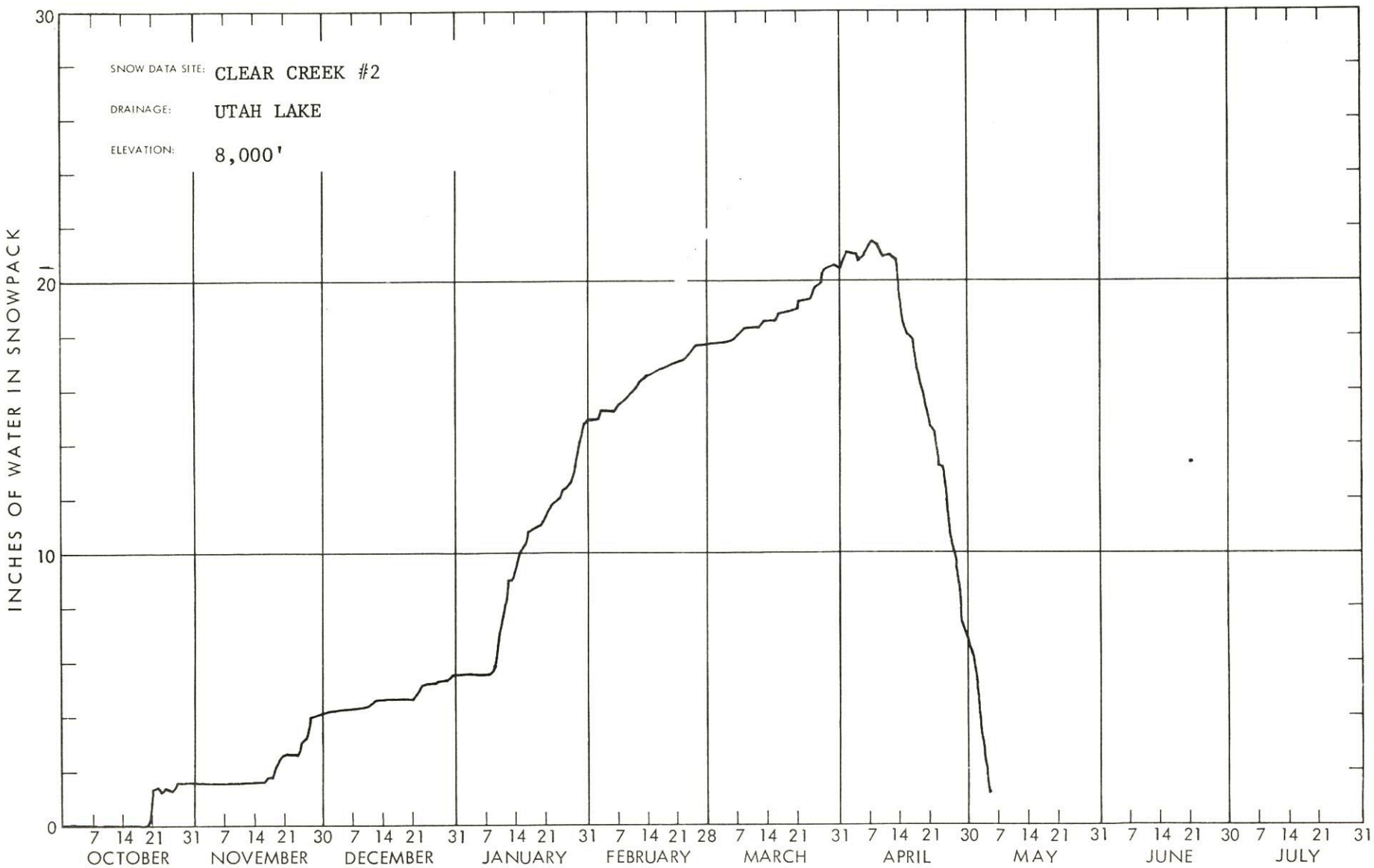
SNOW DATA SITE: CLEAR CREEK #2
DRAINAGE: UTAH LAKE
ELEVATION: 8,000'
INCHES OF WATER IN SNOWPACK
30
20
10
0
7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 31 7 14 21 28 7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 30 7 14 21 31
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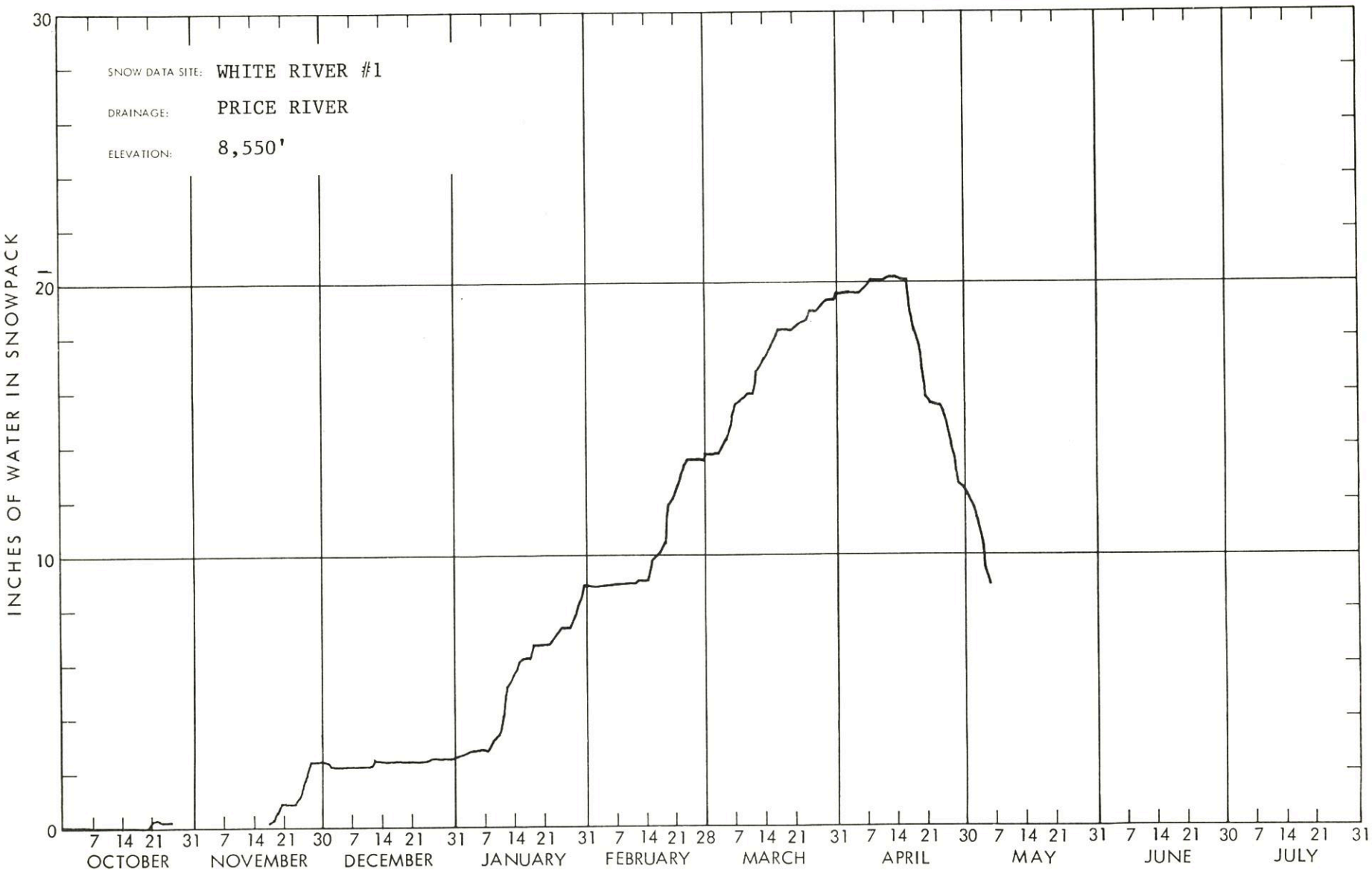
SNOW DATA SITE: WHITE RIVER #1
DRAINAGE: PRICE RIVER
ELEVATION: 8,550'
INCHES OF WATER IN SNOWPACK
30
20
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7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 31 7 14 21 28 7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 30 7 14 21 31
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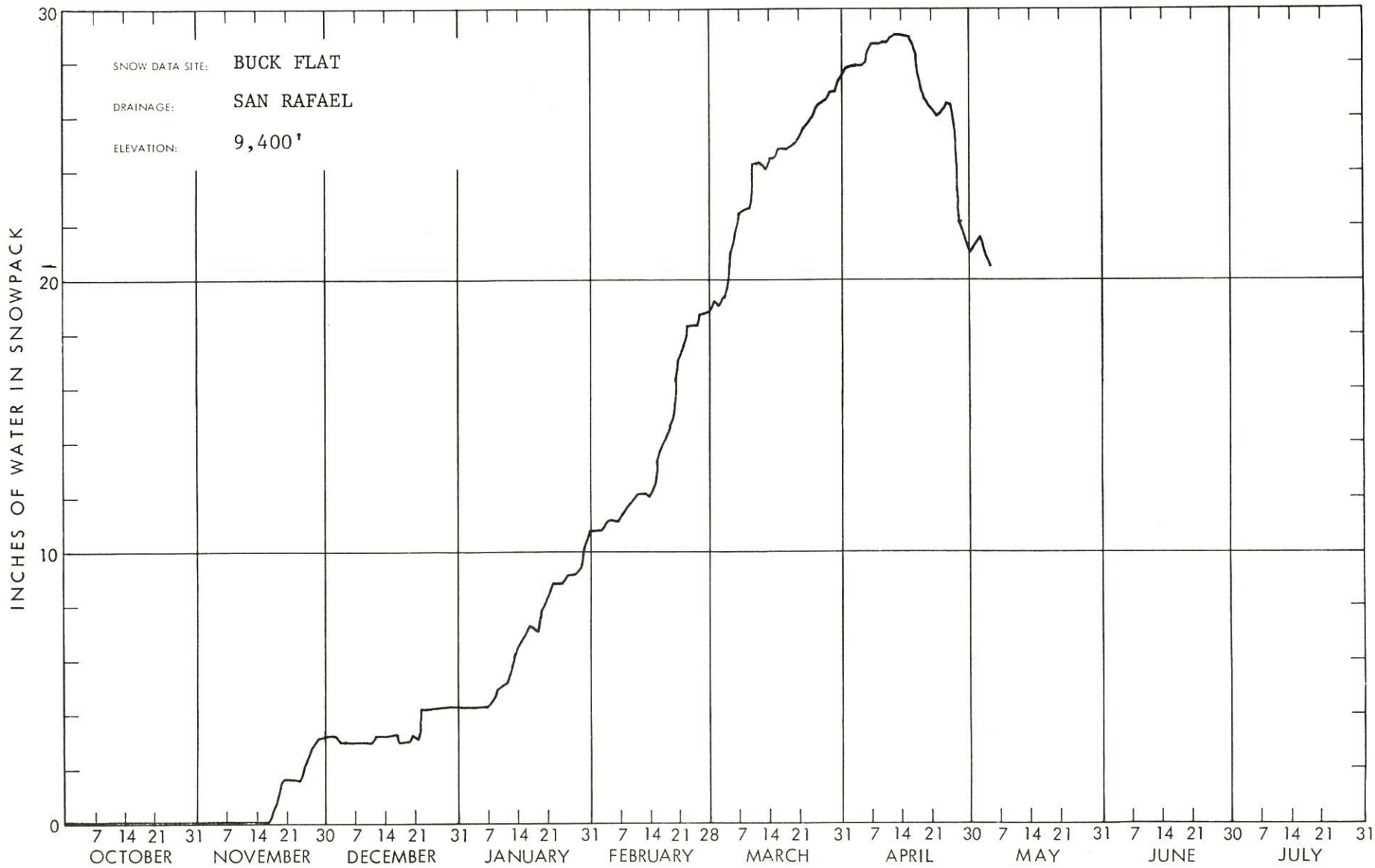
SNOW DATA SITE: BUCK FLAT
DRAINAGE: SAN RAFAEL
ELEVATION: 9,400'
INCHES OF WATER IN SNOWPACK
30
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7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 31 7 14 21 28 7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 30 7 14 21 31
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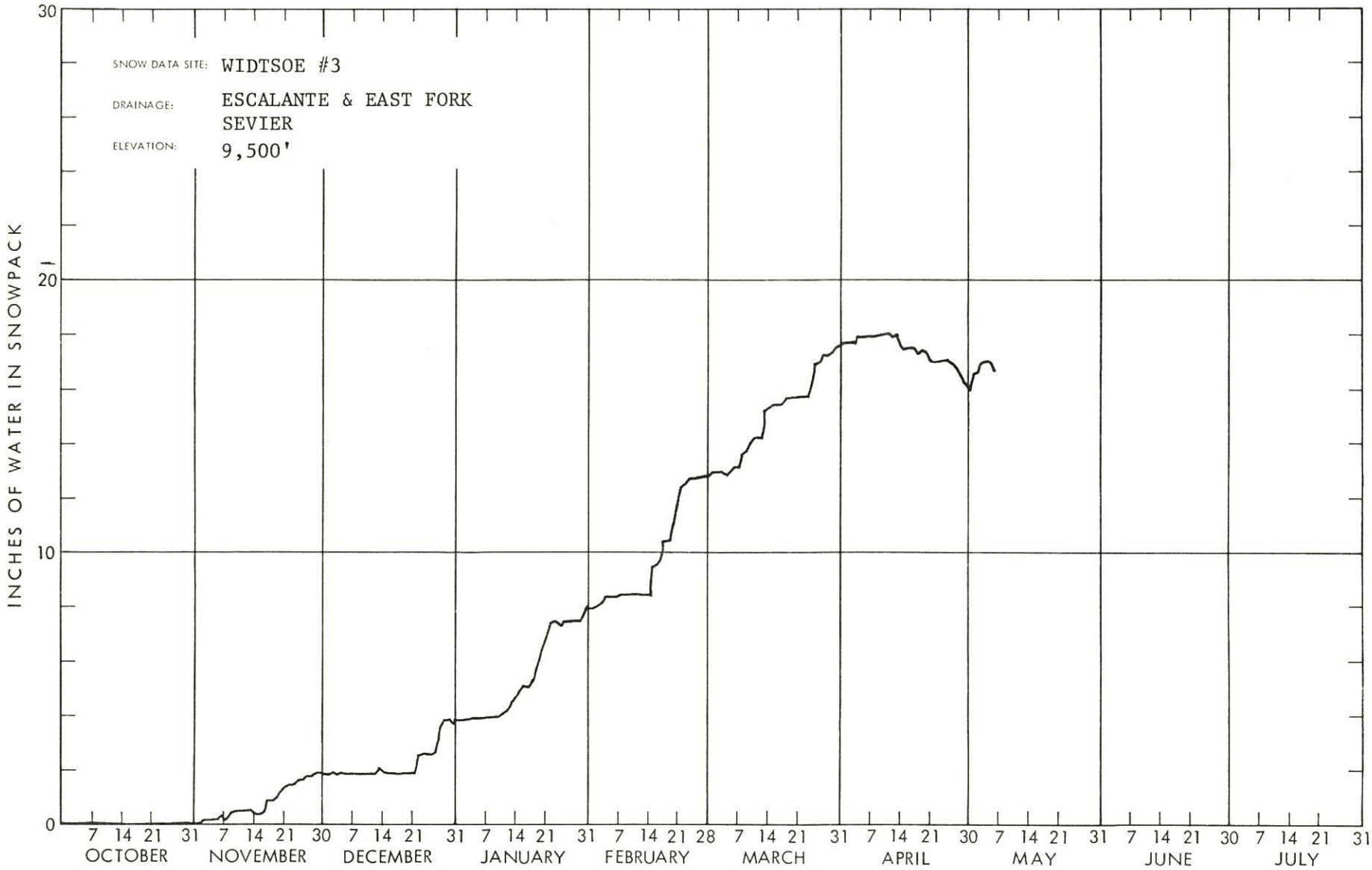
SNOW DATA SITE: WIDTSOE #3
DRAINAGE: ESCALANTE & EAST FORK SEVIER
ELEVATION: 9,500'
INCHES OF WATER IN SNOWPACK
30
20
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7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 31 7 14 21 28 7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 30 7 14 21 31
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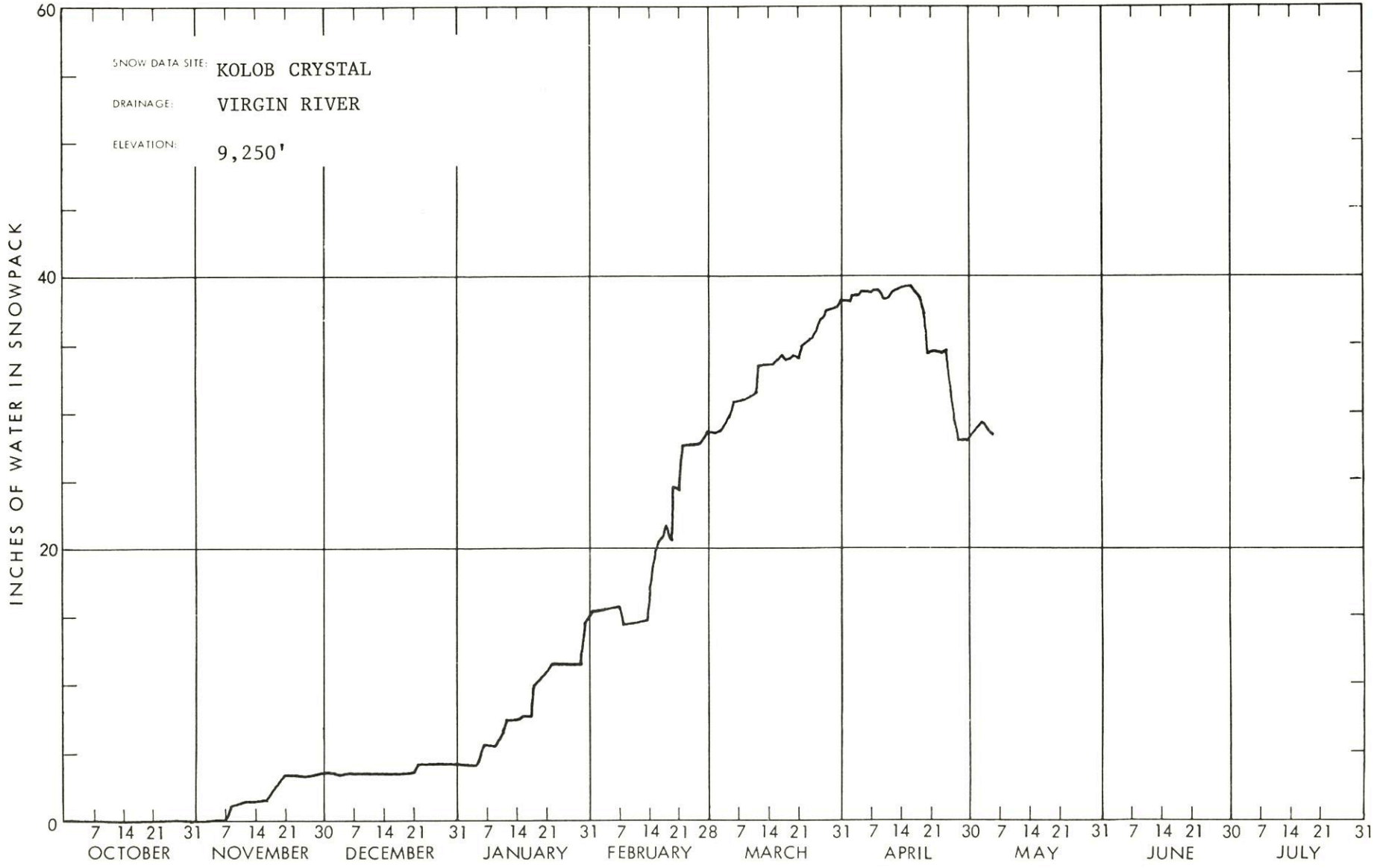
SNOW DATA SITE: KOLOB CRYSTAL
DRAINAGE: VIRGIN RIVER
ELEVATION: 9,250'
INCHES OF WATER IN SNOWPACK
60
40
20
0
7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 31 7 14 21 28 7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 30 7 14 21 31
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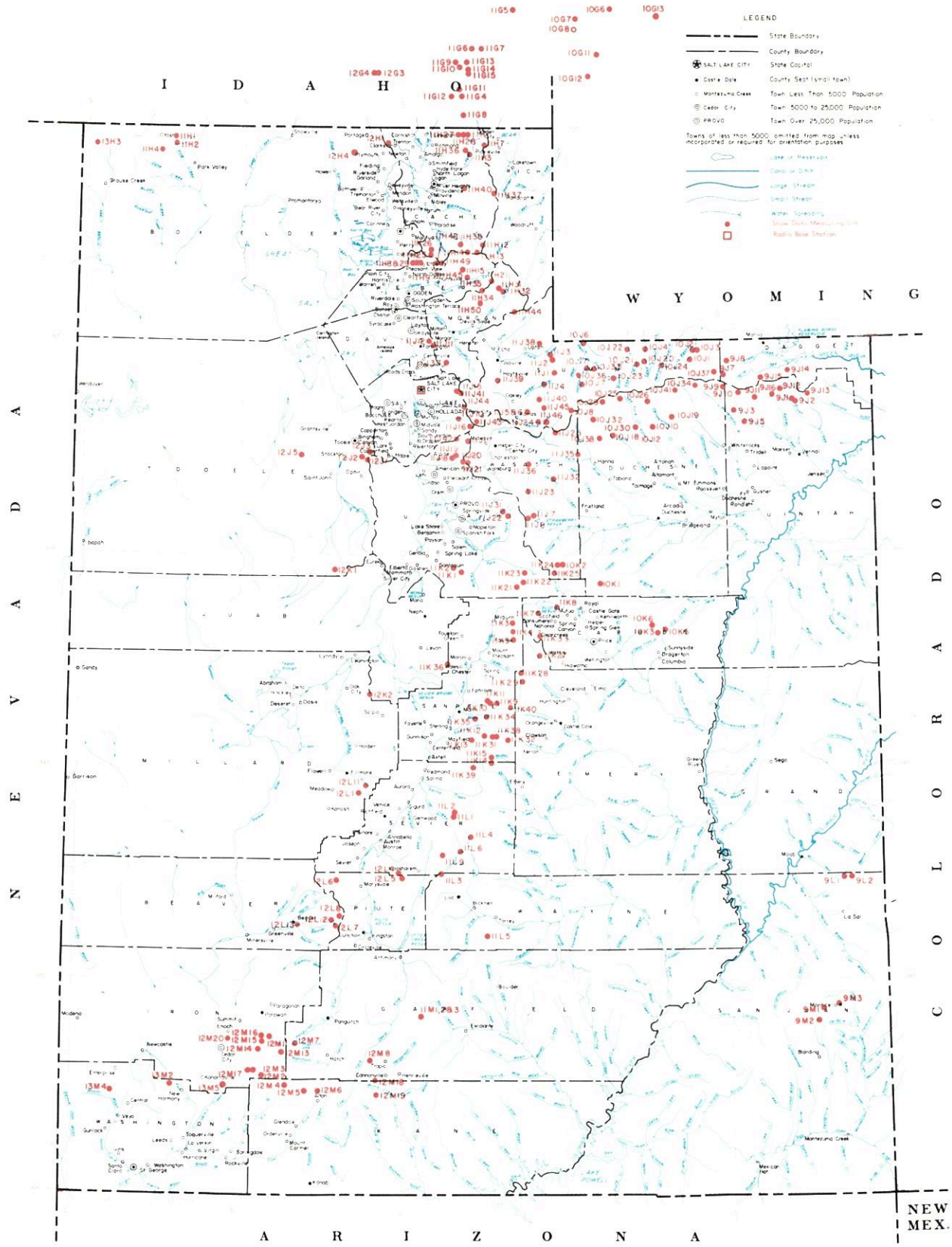

SNOW COURSES AND RELATED DATA MEASURING SITES

UTAH

1978

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

SCALE 1:1,000,000

ALBERS EQUAL AREA PROJECTION

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

INDEX TO UTAH, BEAR & UPPER COLORADO RIVER BASINS

GREAT BASIN DRAINAGE

NO.	STATE	NAME	SEC	TAP	RGE	ELEV.
		UPPER BEAR RIVER (above Harer, Idaho)				
10G11	W	Big Park	7	27N	117W	8,700
10J6P	U	Burts-Miller Ranch	19	3N	10E	7,900
10G7	W	CCC Camp x	9	29N	118W	7,500
10J36p	U	Gold Hill	15	1N	9E	10,000
10J7PST	U	Hayden Fork	25	1N	9E	9,400
10G12	W	Kelly Ranger Station	13	26N	118W	8,200
10J35p	U	Lily Lake	34	2N	10E	9,050
11H12PST	U	Monte Cristo R.S.	4	8N	4E	8,960
10G6	W	Poison Meadows x	29	30N	116W	8,500
10G8P	W	Salt River Summit x	32	29N	118W	7,900
10G13MP	W	Snyder Basin x	15	29N	115W	8,400
10J17P	U	Stillwater Camp	32	2N	10E	8,550
		LOWER BEAR RIVER (below Harer, Idaho)				
11H37pST	U	Bug Lake	18	11N	5E	7,950
11G11	I	Christensen Ranch	27	13S	41E	5,600
11H38p	U	Cinnamon Creek	5	8N	3E	7,300
12H1p	U	Clarkston Mountain	29	14N	2W	6,300
11G12	I	Cub River Ranger Station	5	15S	41E	5,400
11G14a	I	Dry Basin	30	13S	42E	7,900
12G4	I	Dry Creek Flat	31	13S	37E	6,350
11G6	I	Emigrant Summit	21	12S	42E	7,350
11G7	I	Emigration Canyon (mouth)	24	12S	42E	6,500
11G8MPST	I	Franklin Basin	1	16S	41E	8,000
11H7MP	U	Garden City Summit	34 & 35	14N	4E	7,600
11H40p	U	Herd Hollow	3	11N	3E	7,200
11G15a	I	Horseshoe Basin	31	13S	42E	8,000
11H1MP	U	Klondike Narrows	10	14N	3E	7,400
11G13	I	Liberty Springs	7	13S	42E	8,240
11H26	U	Little Bear (lower)	16	8N	1E	6,000
11H25PST	U	Little Bear (upper)	22	8N	1E	6,550
12G3	I	Oxford Mountain	32	13S	37E	6,800
11G5	I	Slug Creek Divide	15	10S	44E	7,225
11H27	U	Steep Hollow #1	7	14N	3E	8,500
11H28	U	Steep Hollow #2	9	14N	3E	7,700
11G9	I	Strawberry Creek	9	13S	41E	5,800
11G10	I	Strawberry Mink Divide	14	13S	41E	6,800
11H36PST	U	Tony Grove Lake	5	13N	3E	8,400
11H3MP	U	Tony Grove Ranger Station	11	13N	3E	6,250
11G4P	I	Willow Flat	2	15S	41E	6,100
		RAFT RIVER				
13H2a	U	Clear Creek Meadows	26	14N	14W	9,050
13H4PS	U	George Peak	4	13N	14W	9,000
13H1	U	One Mile Summit	17	14N	14W	7,330
13H3a	U	ViPont	17	14N	17W	7,670
		OGDEN RIVER				
11H14M	U	Beaver Creek-Skunk Creek	22	8N	3E	7,150
11H8PST	U	Ben Lomond Peak	3	7N	1W	8,000
11H9PST	U	Ben Lomond (lower)	1	7N	1W	5,680
11H35p	U	Causey Dam	34	7N	3E	5,500
11H29	U	Cutler Creek	3	7N	1W	6,780
11H13MPST	U	Dry Bread Pond	19	8N	4E	8,350
11H34p	U	Guilder's Peak	21	6N	4E	8,050
11H45p	U	Middle Fork Ogden	16	7N	2E	8,420
11H49	U	Powder Mountain Hideaway	6	7N	2E	8,250
11H48	U	Powder Mountain Sundown	1	7N	1E	8,400
11H15P	U	Sagebrush Flat	21	7N	3E	6,300
		WEBER RIVER				
11J24	U	Beaver Creek R.S.	28	2S	7E	7,500
11J1PST	U	Chalk Creek #1	4	1N	8E	9,100
11J2MPST	U	Chalk Creek #2	29	2N	8E	8,200
11J3MP	U	Chalk Creek #3	7	2N	8E	7,500
11J45a	U	East Shingle Lake	6	2S	8E	9,750
11J12P	U	Farmington Canyon (lower)	15	3N	1E	6,950
11J11PST	U	Farmington Canyon (upper)	23	3N	1E	8,000
11H44p	U	Francis Canyon	29	5N	6E	7,400
11J37p	U	Hardscrabble	22	2N	2E	6,700
11H21PST	U	Horse Ridge	25	7N	4E	8,260
11H31	U	Kilfoil Creek	20	6N	5E	7,300
11H32P	U	Lost Creek	27	6N	5E	7,300
11J43	U	Park City Summit	30	2S	4E	9,300
11J15PST	U	Parley's Canyon Summit	5	1S	3E	7,500
11H50	U	Pine Canyon	6	5N	4E	8,000
11J38p	U	Porcupine	22	3N	7E	8,100
11J6	U	Redden Mine (lower)	1	2S	6E	8,500
11J5P	U	Redden Mine (upper)	1	2S	6E	9,000
11J39p	U	Sergeant Lakes	9	1N	6E	8,300
11J40p	U	Shingle Mill Flat	22	1S	7E	9,040
11J4PST	U	Smith & Morehouse	25	1N	7E	7,600
		PROVO RIVER & UTAH LAKE				
11J46PST	U	Beaver Creek Divide	25	2S	7E	8,280
11J20	U	Camp Altamont	29	4S	3E	7,300
11K21PST	U	Clear Creek Ridge #1	18	11S	6E	9,200
11K22PST	U	Clear Creek Ridge #2	9	11S	6E	8,000
11K23	U	Clear Creek Ridge #3	27	10S	6E	6,600
11J17P	U	Dutchman R.S.	27	3S	3E	7,560
11J22P	U	Hobble Creek Summit	27	7S	5E	7,420
11J36P	U	Lake Creek	36	4S	6E	9,000
11J31	U	Packard Canyon	21	7S	5E	6,400
11K1P	U	Payson R.S.	30	10S	3E	8,050
11K2	U	[illegible] Bridge	14	10S	2E	6,750
		PROVO RIVER & UTAH LAKE (continued)				
11J25P	U	Soapstone R.S.	9	3S	8E	7,800
11J19	U	South Fork R.S.	24	4S	2E	6,100
11J18	U	Timpanogos Cave Camp	27	4S	2E	5,500
11J21PST	U	Timpanogos Divide	33	4S	3E	8,140
10J8PST	U	Trial Lake	5	2S	9E	9,960
		JORDAN RIVER & GREAT SALT LAKE				
12J2	U	Bevan's Cabin	24	4S	4W	6,450
12J5P	U	Deseret Peak	15	4S	7W	9,250
11J41P	U	Lamb's Canyon #2	21	1S	3E	7,500
12J3P	U	Middle Canyon	8	4S	3W	7,000
11J44	U	Mill Creek	25	1S	2E	6,950
11J10	U	Mill D South Fork	18	2S	3E	7,400
12J1P	U	Rocky Basin-Settlement Canyon	30	4S	3W	8,900
11J16P	U	Silver Lake (Brighton)	35	2S	3E	8,725
11J42	U	Snow Bird (Gad Valley)	18	3S	3E	9,700
12K1PST	U	Vernon Creek	21	10S	5W	7,500
		UPPER SEVIER RIVER (South of Richfield, Utah)				
12L4PST	U	Box Creek	33	26S	2W	9,300
12M8	U	Bryce Canyon	36	36S	4W	8,000
12M13PST	U	Castle Valley	23	36S	8W	9,580
12M4P	U	Duck Creek R.S.	11	38S	8W	8,700
12M18	U	Farview	32	37S	4W	8,200
12M5PST	U	Harris Flat	24	38S	7W	7,700
11L9p	U	High-Top Mountain	36	25S	1E	11,400
12L6P	U	Kimberly Mine	11	27S	5W	9,300
12M2MPST	U	Midway Valley	26	37S	9W	9,800
12M7P	U	Panguitch Lake	4 & 5	36S	7W	8,200
12M19	U	Rainbow Point	29	38S	4W	9,100
12L5	U	Squaw Springs	3	27S	2W	9,300
		LOWER SEVIER RIVER (Including San Pitch River)				
11K13P	U	Beaver Dam	22	19S	3E	8,000
11L1PST	U	Farnsworth Lake	34	23S	2E	9,600
11K11P	U	G.B.R.C. Headquarters	21	17S	4E	8,700
11K10P	U	G.B.R.C. Meadows	27	17S	4E	10,000
11L2PST	U	Gooseberry R.S.	21	23S	2E	8,000
11K3MPST	U	Mammoth R.S.-Cottonwood Creek	13	13S	5E	8,800
11K34	U	Middle Fork	16	18S	4E	9,600
11K12P	U	Mt. Baldy R.S.	19	19S	4E	9,500
12K2P	U	Oak Creek	9	17S	3W	7,760
11K39PST	U	Pickle Keg Springs	4	21S	3E	9,000
12L1PS	U	Pine Creek	24	22S	4W	8,700
11K36	U	Rees's Flat	20	15S	2E	7,300
12L11P	U	Shingle Mill	5	22S	3W	6,200
11K35	U	Thistle Flat	19	18S	3E	8,760
		BEAVER RIVER				
12L13	U	Beaver Race Track	23	29S	7W	6,020
12L7PST	U	Big Flat	7	29S	4W	10,290
12L12PST	U	Merchant's Valley (upper)	8	29S	5W	8,750
12L8	U	Otter Lake	12	29S	5W	9,600
		PAROWAN CREEK				
12M16	U	Birch Crossing	23	35S	9W	8,100
12M14	U	Brian Head	10	36S	9W	10,000
12M15P	U	Tall Poles	26 & 35	35S	9W	8,800
12M11P	U	Yankee Reservoir	20	35S	8W	8,700
		ENTERPRISE TO NEW HARMONY DRAINAGES				
13M4MP	U	Little Grassy Creek	14	38S	18W	6,100
13M2MPST	U	Long Flat	2	38S	14W	8,000
		COAL CREEK				
12M20	U	Cedar City Golf Course	11	36S	11W	5,800
12M17	U	SUSC Ranch	18	37S	9W	8,200

COLORADO RIVER DRAINAGE

NO.	STATE	NAME	SEC	TAP	RGE	ELEV.
		UPPER GREEN RIVER IN UTAH (above Duchesne River)				
9J11aP	U	Ashley Twin Lakes	20	1S	19E	10,500
10J21P	U	Black's Fork G.S.-East Fork	25	2N	12E	9,300
10J22P	U	Black's Fork Junction	33	3N	12E	8,925
10J23a	U	Buck Pasture	2	1N	11E	9,700
9J14P	U	Burnt Creek	4	1N	20E	7,900
9J13P	U	Grizzly Ridge	8	1S	22E	8,500
10J24ap	U	Henry's Fork	29	2N	14E	10,000
10J4P	U	Hewinta G.S.	33	3N	13E	9,500
9J8P	U	Hickenson Park	13	2N	17E	9,100
9J15p	U	Highline Trail	24	1N	19E	10,250
10J1	U	Hole-in-the-Rock	13	2N	15E	9,150
10J3	U	Hole-in-the-Rock G.S.	32	3N	16E	8,300
9J2	U	King's Cabin (lower)	23 & 24	1S	21E	8,640
9J1PST	U	King's Cabin (upper)	22	1S	21E	8,730
10J37p	U	McCoy Park	6	1N	17E	10,680
10J2	U	Middle Beaver Creek	31	3N	16E	8,650
9J10aP	U	Reynolds Park	9	1S	18E	10,400
9J7P	U	Spirit Lake	10	1N	17E	10,300
10J20PST	U	Steel Creek Park	17	2N	13E	10,100
9J16PST	U	Trout Creek	9	1S	20E	9,400
9J12ap	U	Windy Park	2	1S	20E	9,400
		DUCHESNE RIVER				
10J41ap	U	Atwood Lake	13	4N	4W	10,840
10J30PST	U	Brown Duck Ridge	8	2N	6W	10,600
9J9ap	U	Chepeta-Whiterocks Lakes	3	4N	1W	10,350
11J32MPST	U	Currant Creek	26	1S	11W	8,000
11J23MPST	U	Daniels-Strawberry Summit	20	2S	12W	8,000
11J7P	U	East Portal	36	7S	6E	7,560
10J26ap	U	Five Point Lake	28	4N	5W	11,000
10K1PST	U	Indian Canyon	2	11S	10E	9,100
10J19P	U	Jackson Park	25	3N	4W	10,600
10J34p	U	Kidney Lake	28	5N	3W	11,000
10J25ap	U	Lakefork Basin	13	4N	7W	11,100
10J10PST	U	Lakefork Mountain	2 & 3	2N	5W	10,200
10J12	U	Lakefork Mountain #3	20	2N	4W	8,400
10J29ap	U	Lightning Lake	23	4N	8W	10,500
9J5PST	U	Mosby Mountain	33	3N	1E	9,500
9J3P	U	Paradise Park	7	3N	1E	10,100
10J18P	U	Rock Creek	21	2N	7W	7,900
10J32p	U	Shadow Lake	29	3N	8W	10,150
11J8PST	U	Strawberry Divide	2	4S	12W	8,400
11J35P	U	West Fork of the Duchesne	22	1N	11W	9,480
		PRICE RIVER				
10K5M	U	Corral	32	13S	14E	8,200
11K8	U	Dry Valley Divide	14	11S	7E	7,900
10K3M	U	Grassy Trail Creek-Left Fork	1	14S	13E	7,970
11K7	U	Jones Ranch	32	12S	7E	7,600
11K33MP	U	Mud Creek	4	14S	7E	8,600
10K6	U	Timberline	23	13S	13E	9,100
10K2MPST	U	White River #1	11	10S	8E	8,550
11K24	U	White River #2	9	10S	8E	7,600
11K25	U	White River #3	30	10S	8E	7,400
		SAN RAFAEL RIVER				
11K31PST	U	Buck Flat	23	19S	4E	9,400
11K4P	U	Gooseberry Reservoir	25	13S	5E	8,700
11K5	U	Huntington-Horseshoe	12	14S	5E	9,800
11K40P	U	Orange Olsen	31	17S	6E	7,200
11K28PST	U	Red Pine Ridge	5	16S	6E	9,200
11K38	U	Rush Pond	24	19S	4E	9,800
11K9PST	U	Seeley Creek	25	17S	4E	10,000
11K27P	U	Stuart R.S.	8	15S	7E	7,950
11K29	U	Upper Joe's Valley	21	16S	6E	8,900
11K32	U	Wrigley Creek	27	19S	5E	9,000
		MUDDY RIVER				
11K14	U	Black's Fork	34	20S	4E	9,200
11K15PST	U	Dill's Camp	27	20S	4E	9,200
		FREMONT RIVER				
11L4P	U	Black's Flat-U.M. Creek	33	24S	3E	9,400
11L5	U	Donkey Reservoir	9	30S	4E	9,800
11L3P	U	Fish Lake	35	26S	1E	8,700
11L6	U	Johnson Valley	24	25S	2E	8,850
		SOUTHEASTERN UTAH DRAINAGES				
9M1P	U	Buckboard Flat	36	33S	22E	9,000
9M2P	U	Camp Jackson	22	34S	22E	8,600
9L1	U	LaSal Mountain	5	27S	24E	8,800
9L2P	U	LaSal Mountain (upper)	3	27S	24E	9,850
9M3	U	Monticello Park	25	33S	23E	7,050
		ESCALANTE RIVER				
11M1	U	Widtsoe-Escalante Summit	22	34S	1W	9,500
11M2PST	U	Widtsoe-Escalante #2	22	34S	1W	9,500
11M3PST	U	Widtsoe-Escalante #3	22	34S	1W	9,500
		VIRGIN RIVER				
13M5PST	U	Kolob-Crystal	2	38S	11W	9,250
12M6	U	Long Valley Junction	22	38S	6W	7,500
12M3MPST	U	Webster Flat	20	37S	9W	9,200

LEGEND
Numbering System (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	Snotel Data Site

Water Supply Outlook For Utah

SOIL CONSERVATION SERVICE
U.S. DEPARTMENT OF AGRICULTURE

Cooperating with

UTAH STATE DEPARTMENT of NATURAL RESOURCES

AS OF
JUNE 1, 1980

USDA-SCS-PORTLAND, OR 1979

WATER SUPPLY OUTLOOK FOR UTAH

and

FEDERAL - STATE - PRIVATE COOPERATIVE SNOW SURVEYS

Issued by

NORMAN A. BERG

ADMINISTRATOR
SOIL CONSERVATION SERVICE
WASHINGTON, D.C.

Released by

GEORGE D. McMILLAN

STATE CONSERVATIONIST
SOIL CONSERVATION SERVICE
SALT LAKE CITY, UTAH

In Cooperation with

UTAH STATE DEPT. OF NATURAL RESOURCES

DEE C. HANSEN
State Engineer
Division of Water Rights

DANIEL F. LAWRENCE
Director
Division of Water Resources

Report prepared by

BOB L. WHALEY, Snow Survey Supervisor
DAVID A. JOHNCOX, Hydrologic Technician
and
JOAN E. OLSEN, Clerk

SOIL CONSERVATION SERVICE
SNOW SURVEY SECTION
4420 FEDERAL BUILDING
SALT LAKE CITY, UTAH 84138

WATER SUPPLY OUTLOOK

as of
June 1, 1980

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* * * * * * * * * * * * * * * * * * * * * * * * * *
* Utah's 1980 water supply outlook is excellent   *
* over most of the state after a very wet May.     *
* Heavy snow cover remains at high elevations and *
* reservoirs are full or near full as of June 1.   *
*                                                  *
* * * * * * * * * * * * * * * * * * * * * * * * * *
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SNOW COVER

Much heavier than normal snow cover remains in higher elevations of the state. A cool, wet May delayed melt and actually increased snow water content at higher elevation snow courses. Snow water contents range from 23 inches on the Upper Logan, to 30 inches in the Uintahs and along sky line drive between the San Pitch and San Rafael, to 35 inches on the head of the Beaver to 25 at the head of the Sevier, Coal Creek and Virgin Rivers.

PRECIPITATION

Precipitation at mountain stations ranged from 1 1/2 times average to better than 4 times average. Heaviest areas were in the southwest corner of the state and on the Uintah Mountains. Many stations set new record catches for May -- as high as ten inches of moisture at some stations.

SOIL MOISTURE

Watershed soils have been soaking up snow melt and are now primed in the top 1 to 2 feet of soil and to a greater depth in many areas.

RESERVOIR STORAGE

Most reservoirs are full or will fill in June. Deer Creek still lacked 13,000 acre feet of filling but is expected to fill as warmer temperatures melt the high snow. Moon Lake was also reported about 2/3 full and should fill as snow melt pregresses. Lake Powell is expected to fill for the first time this season and was 94.8% full on June 1. Utah Lake was reported about one foot above compromise.

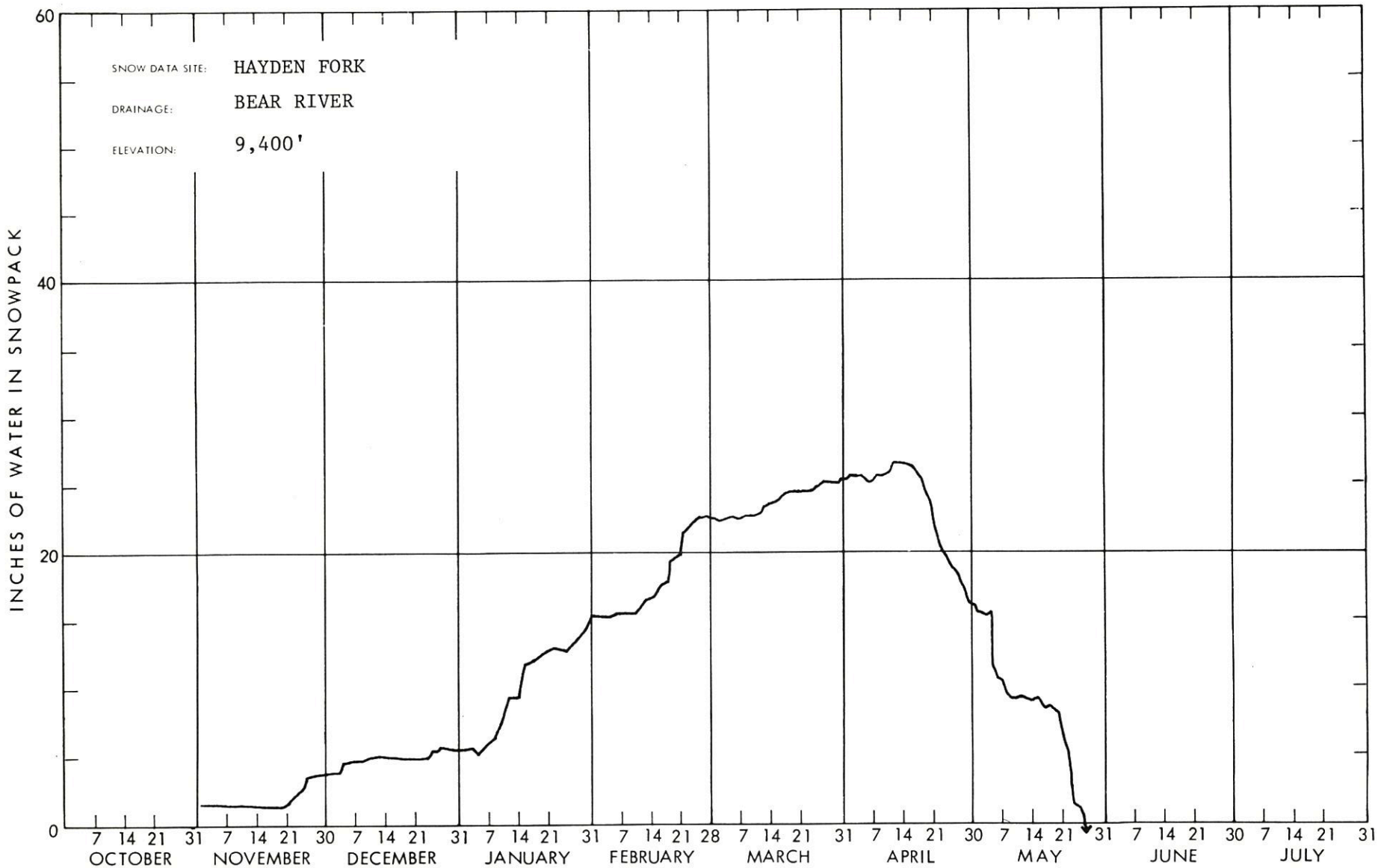
STREAMFLOW

The U.S. Geological Survey reports that flows in May were below normal in northern Utah and excessive in southern Utah. Streamflow ranged from 65% of median for Whiterocks River to 198% of median for the San Juan near Bluff. The elevation of the Great Salt Lake was 4,200.10 feet, 0.30 feet higher than a year ago and 8.75 feet above the all time record low of October 1963. The level of the lake rose 0.70 feet during May which is an unusally large rise for this time of year according to the USGS.

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	1312.0	1134.2	
	Woodruff Narrows	26.5		26.5	
Beaver River	Minersville (RkyFd)	23.3	23.3	23.3	
Little Bear	Hyrum	15.3	15.6	15.3	
	Porcupine	11.3	11.4	11.3	
Ogden	Causey	6.9	7.0	6.9	
	Pineview	110.1	110.1	110.1	
Provo	Deer Creek	149.7	136.7	142.7	
Settlement Creek	Settlement Creek	1.2			
	Vernon Creek	0.6	0.6		
Sevier River	Gunnison	18.2	18.2	18.2	
	Otter Creek	52.5	52.7	52.5	
	Piute	71.8	66.8	71.8	
	Sevier Bridge	236.0	219.2		
Spanish Fork	Strawberry	270.0	236.6		
Utah Lake	Utah Lake	883.9	980.5		
Weber	East Canyon	48.1	48.1	48.1	
	Echo	73.9	71.0	72.0	
	Lost Creek	20.0	20.0	20.0	
	Rockport	60.9	46.5	61.8	
	Willard Bay	193.3	183.0	193.3	
COLORADO RIVER BASIN					
Ashley Creek	Steinaker	33.3	30.0		
Colorado	Blue Mesa	829.5	495.9	450.0	
	Lake Powell	25002.0	23691.0	19600.0	
Green	Flaming Gorge	3749.0	2639.6	2566.0	
Lakefork	Moon Lake	35.8			
Price River	Scofield	65.8	65.8		
San Juan	Navajo	1696.0	1360.0	1400.0	
San Rafael	Huntington North	3.9	3.8		
	Joe's Valley	54.6	48.1		
	Mill Site	16.7	16.7		
Strawberry	Starvation	165.3	138.5		
Uintah	Bottle Hollow	11.3			

USDA-SCS-PORTLAND, OREG 1969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DRAINAGE: BEAR RIVER
ELEVATION: 9,400'
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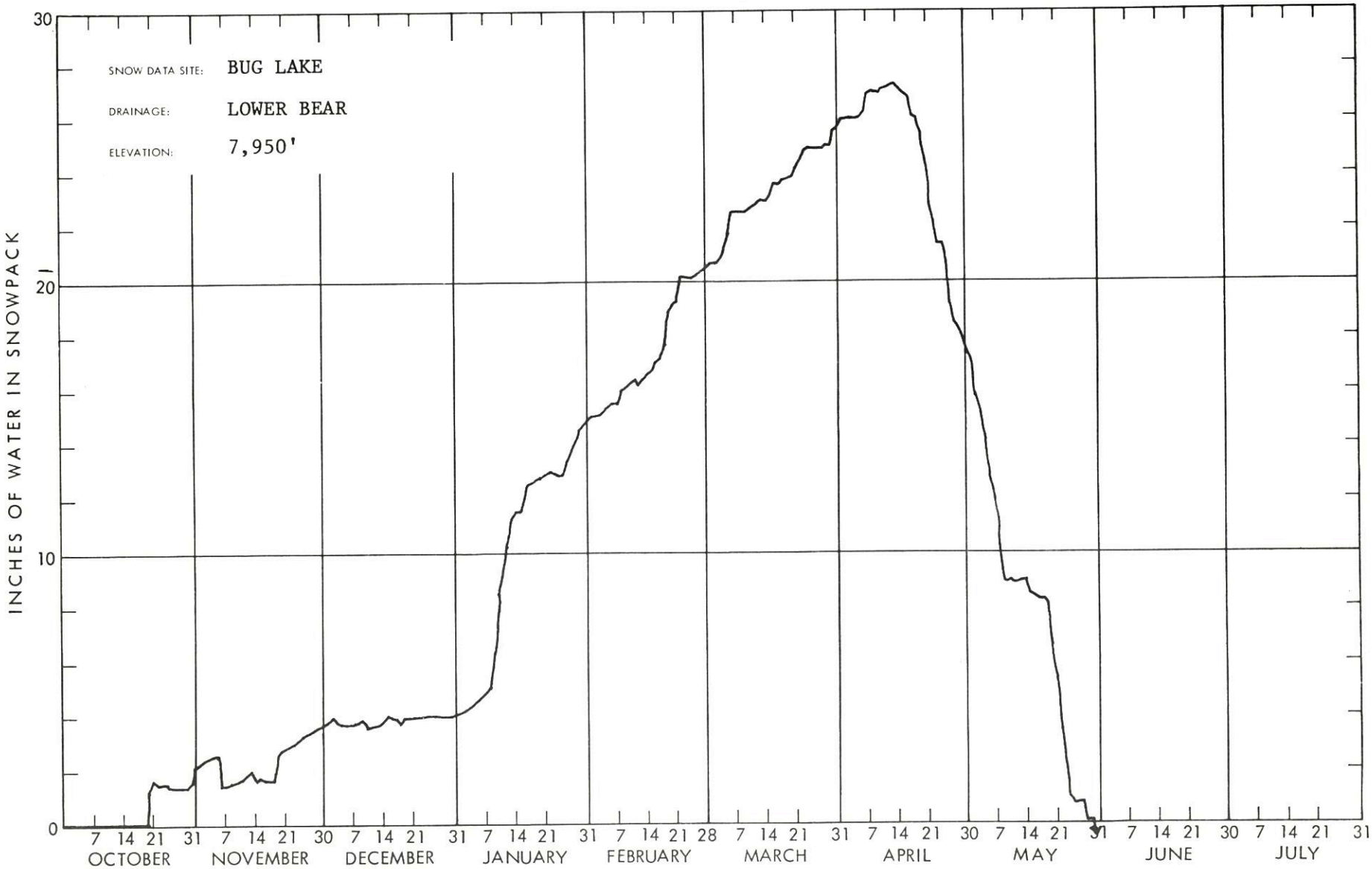
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DRAINAGE: LOWER BEAR
ELEVATION: 7,950'
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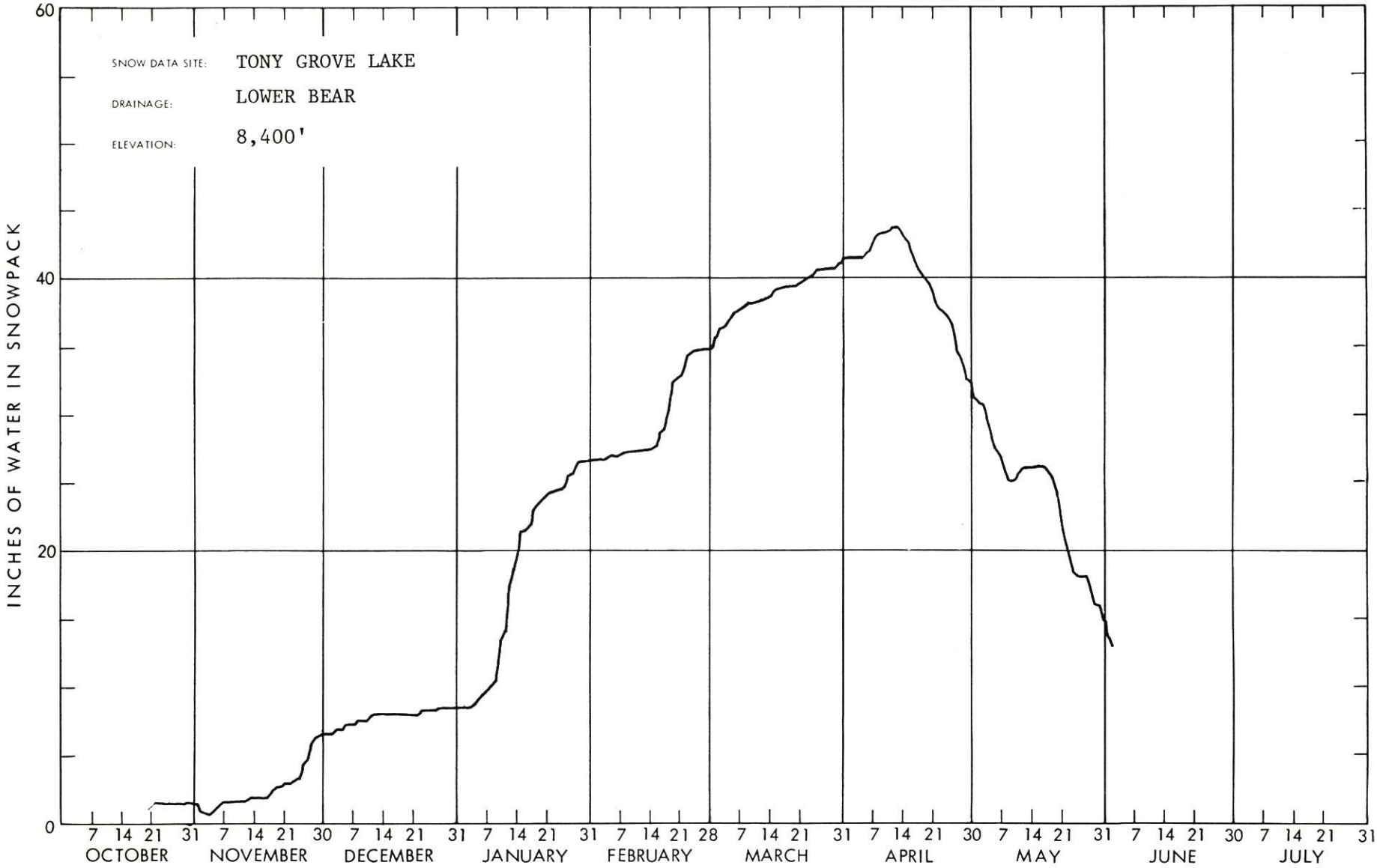
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DRAINAGE: LOWER BEAR
ELEVATION: 8,400'
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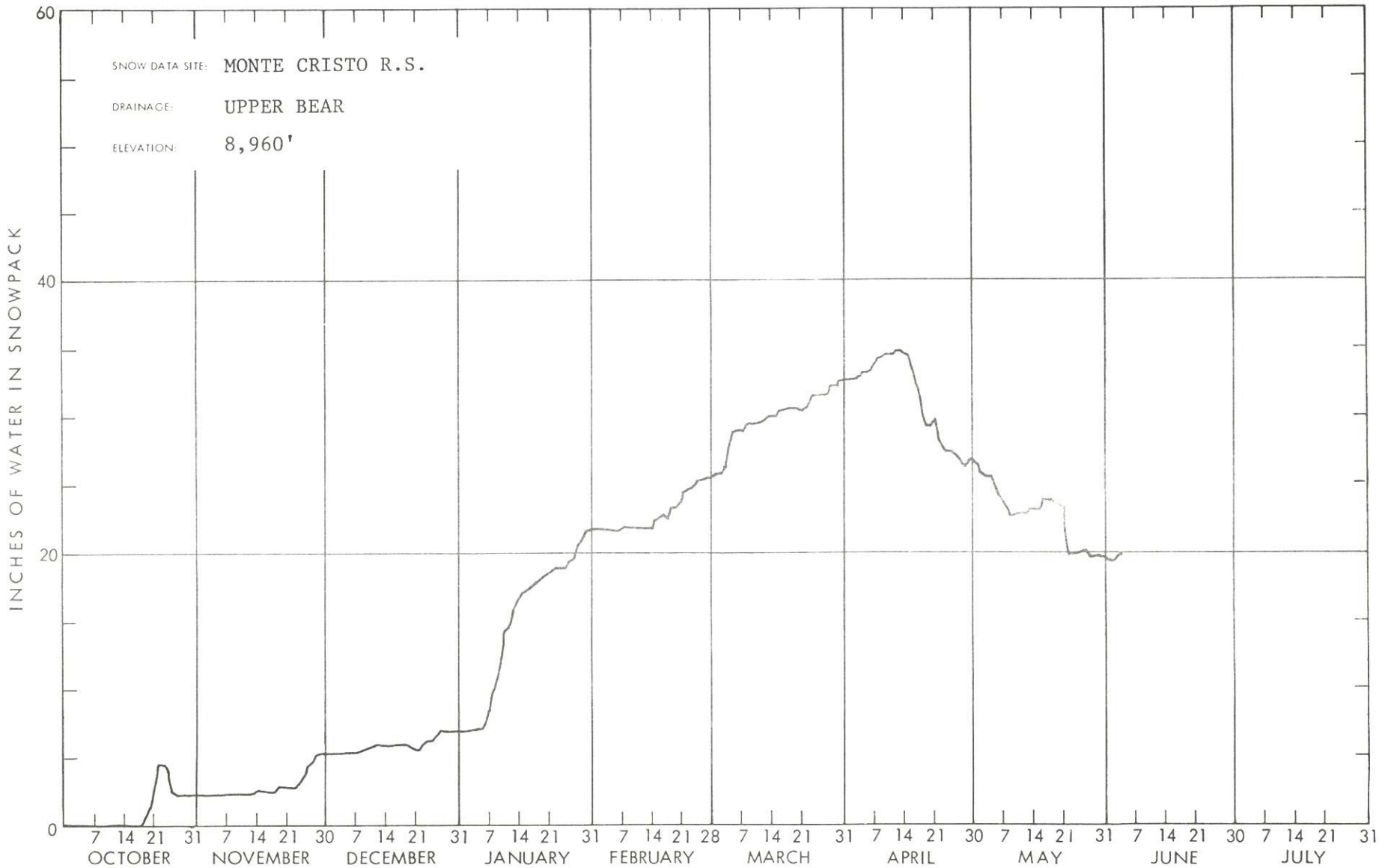
SNOW DATA SITE: MONTE CRISTO R.S.
DRAINAGE: UPPER BEAR
ELEVATION: 8,960'
INCHES OF WATER IN SNOWPACK
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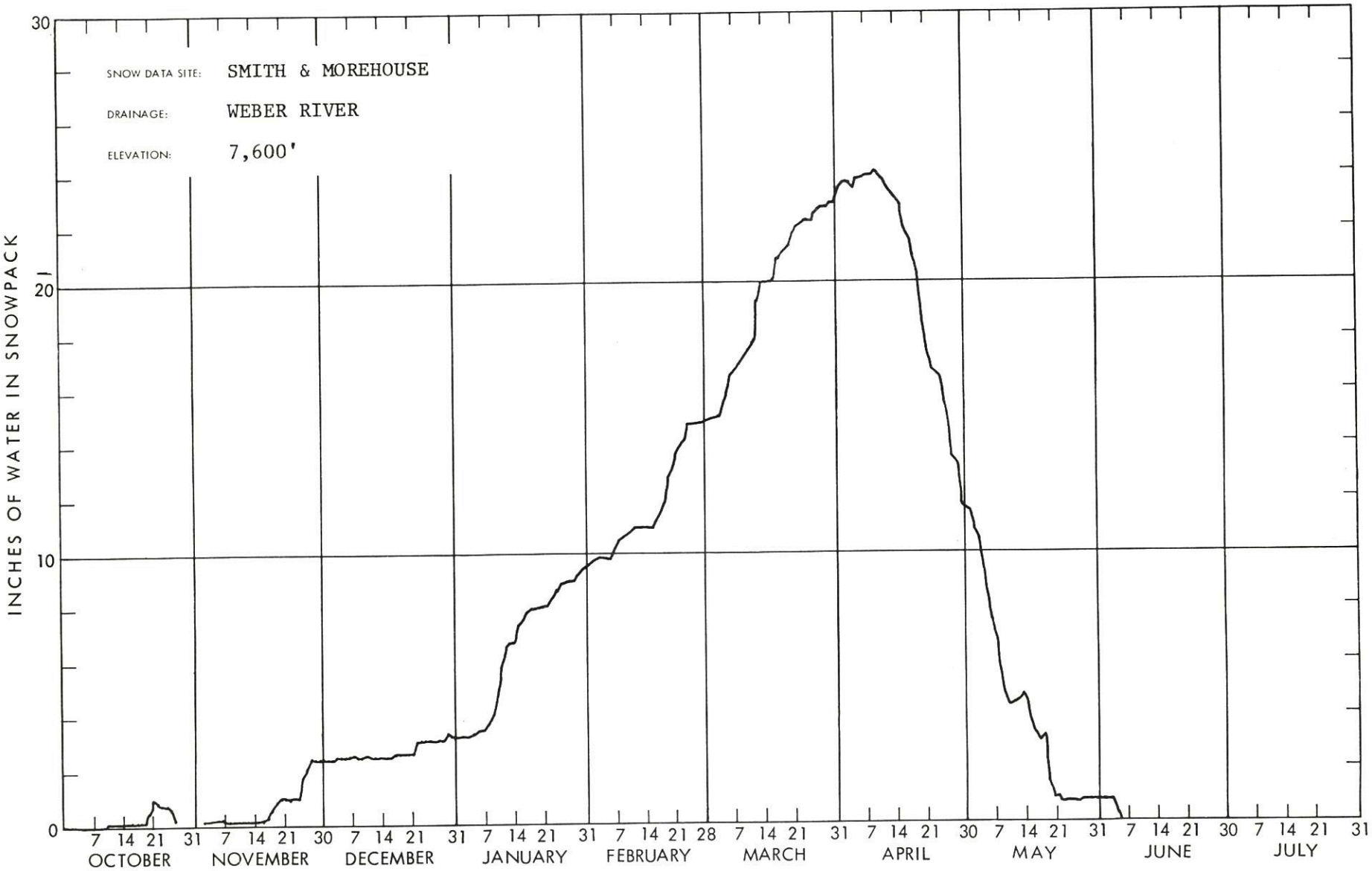
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DRAINAGE: WEBER RIVER
ELEVATION: 7,600'
INCHES OF WATER IN SNOWPACK
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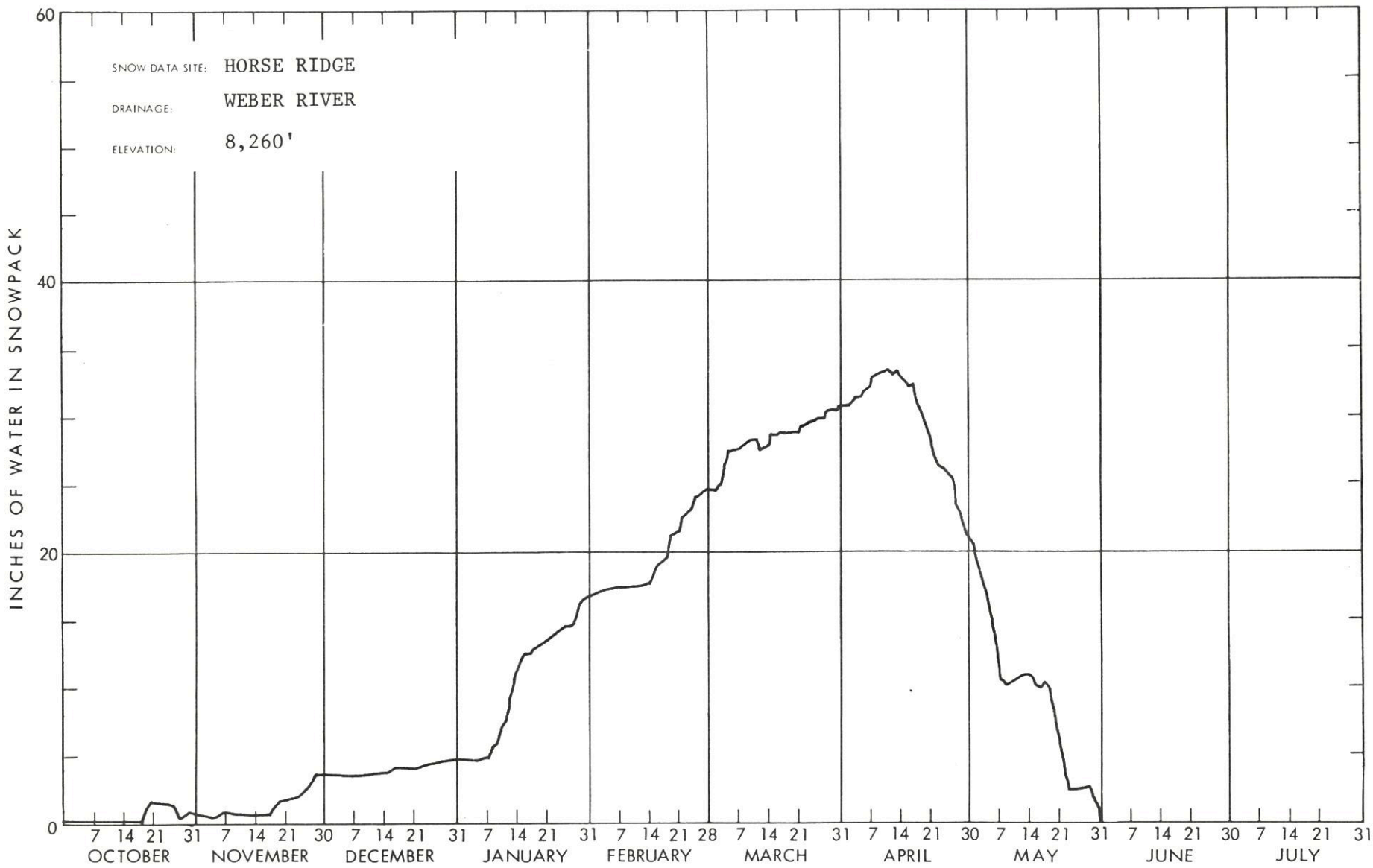
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DRAINAGE: WEBER RIVER
ELEVATION: 8,260'
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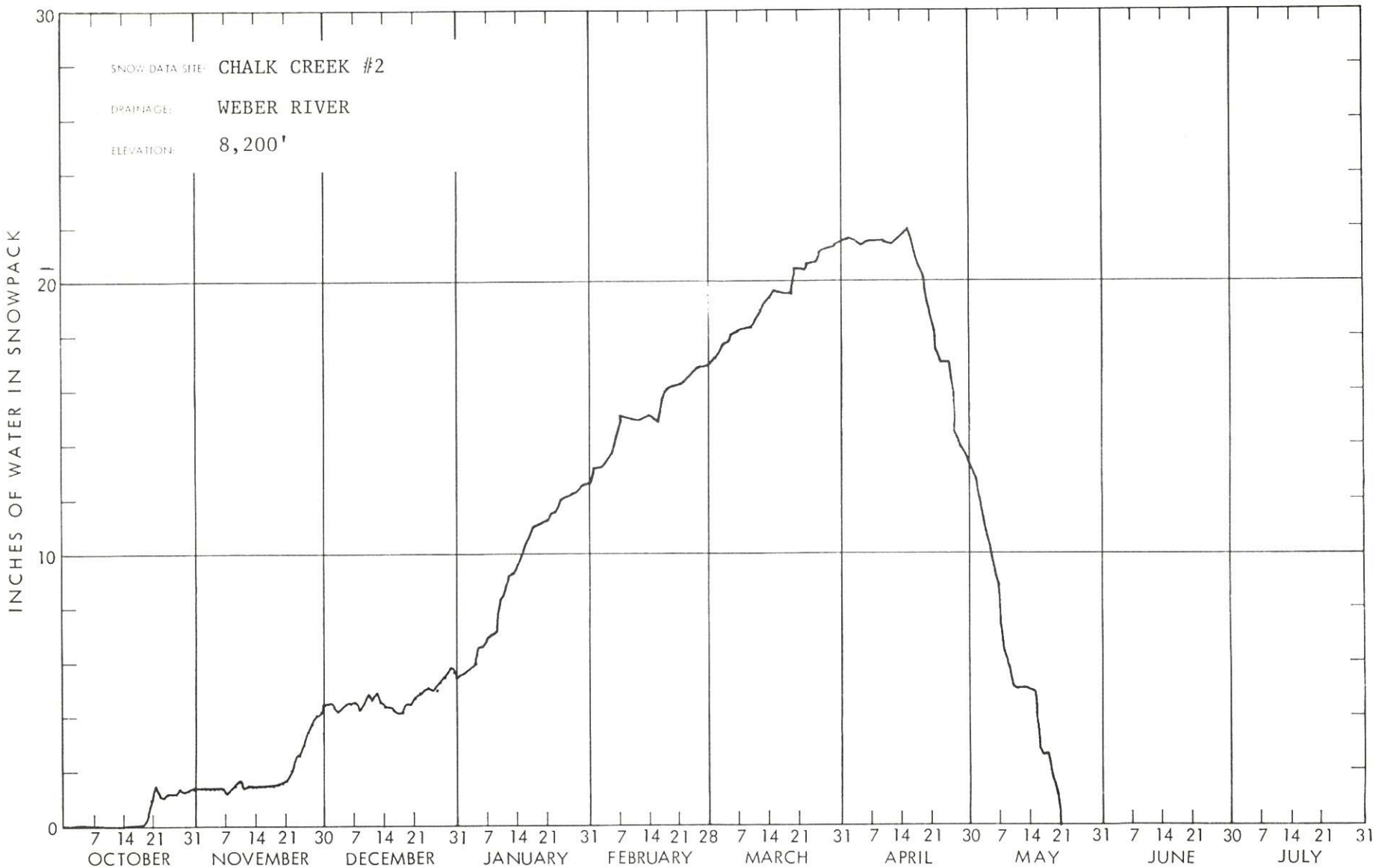
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DRAINAGE: WEBER RIVER
ELEVATION: 8,200'
INCHES OF WATER IN SNOWPACK
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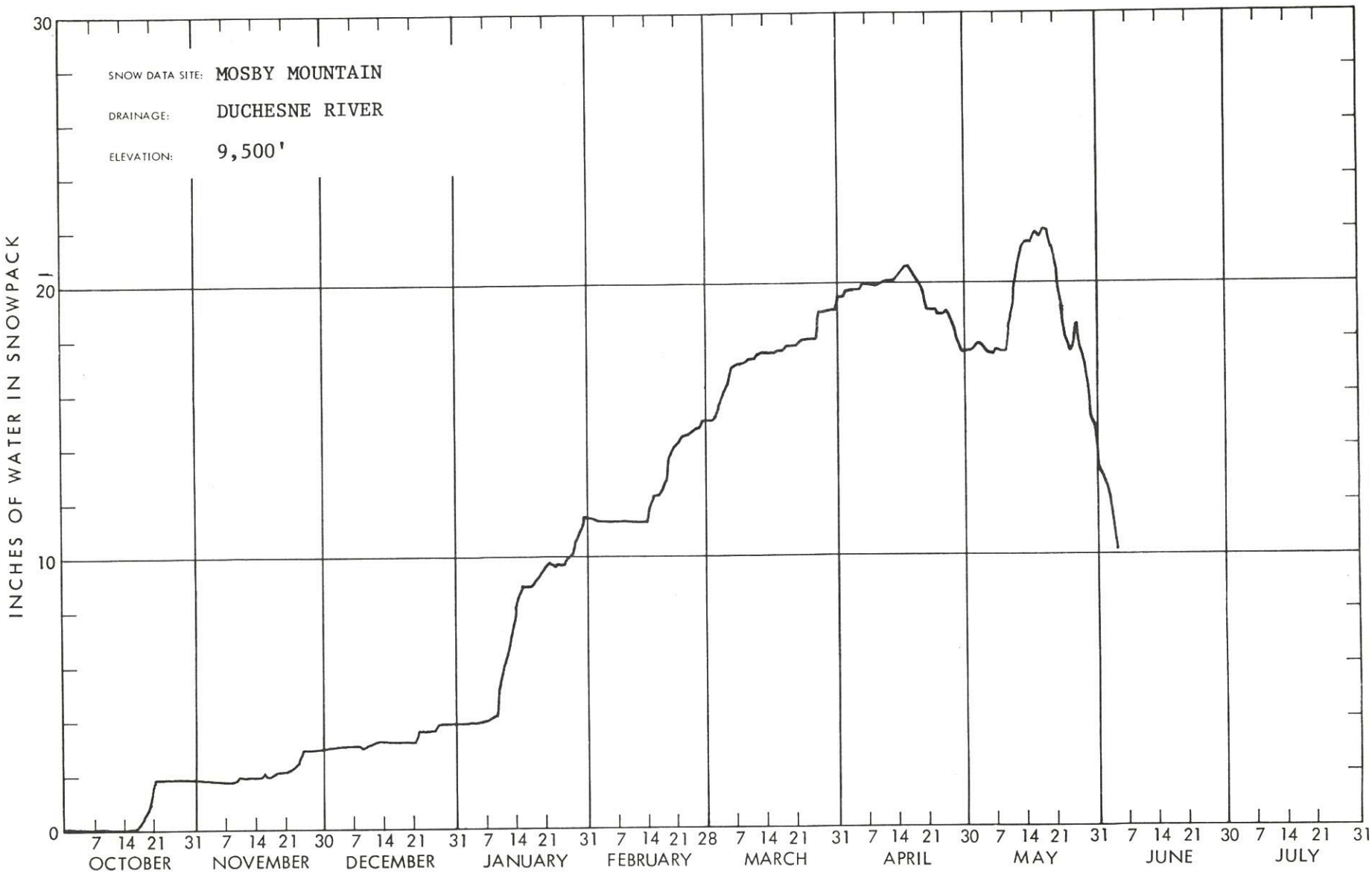
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DRAINAGE: DUCHESNE RIVER
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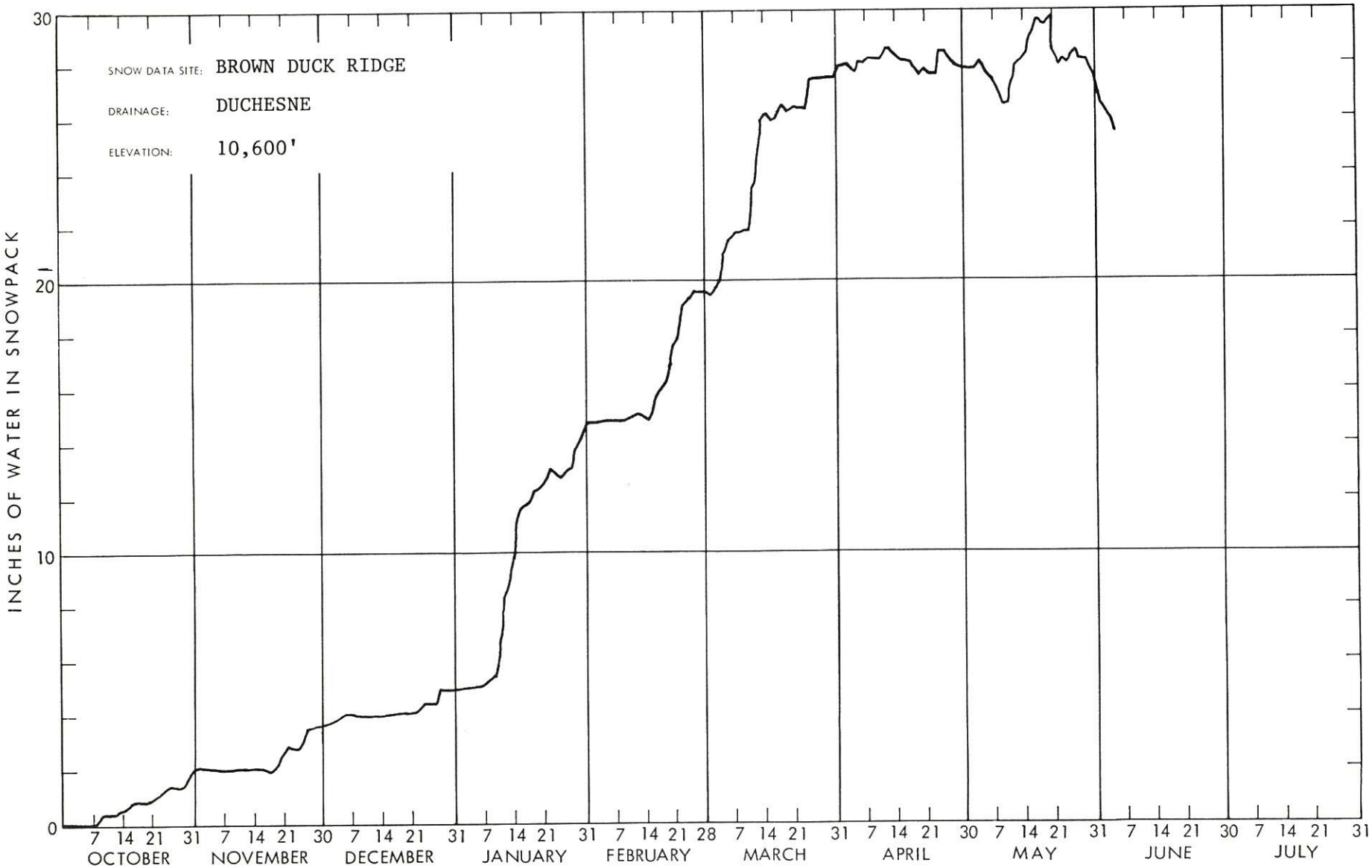
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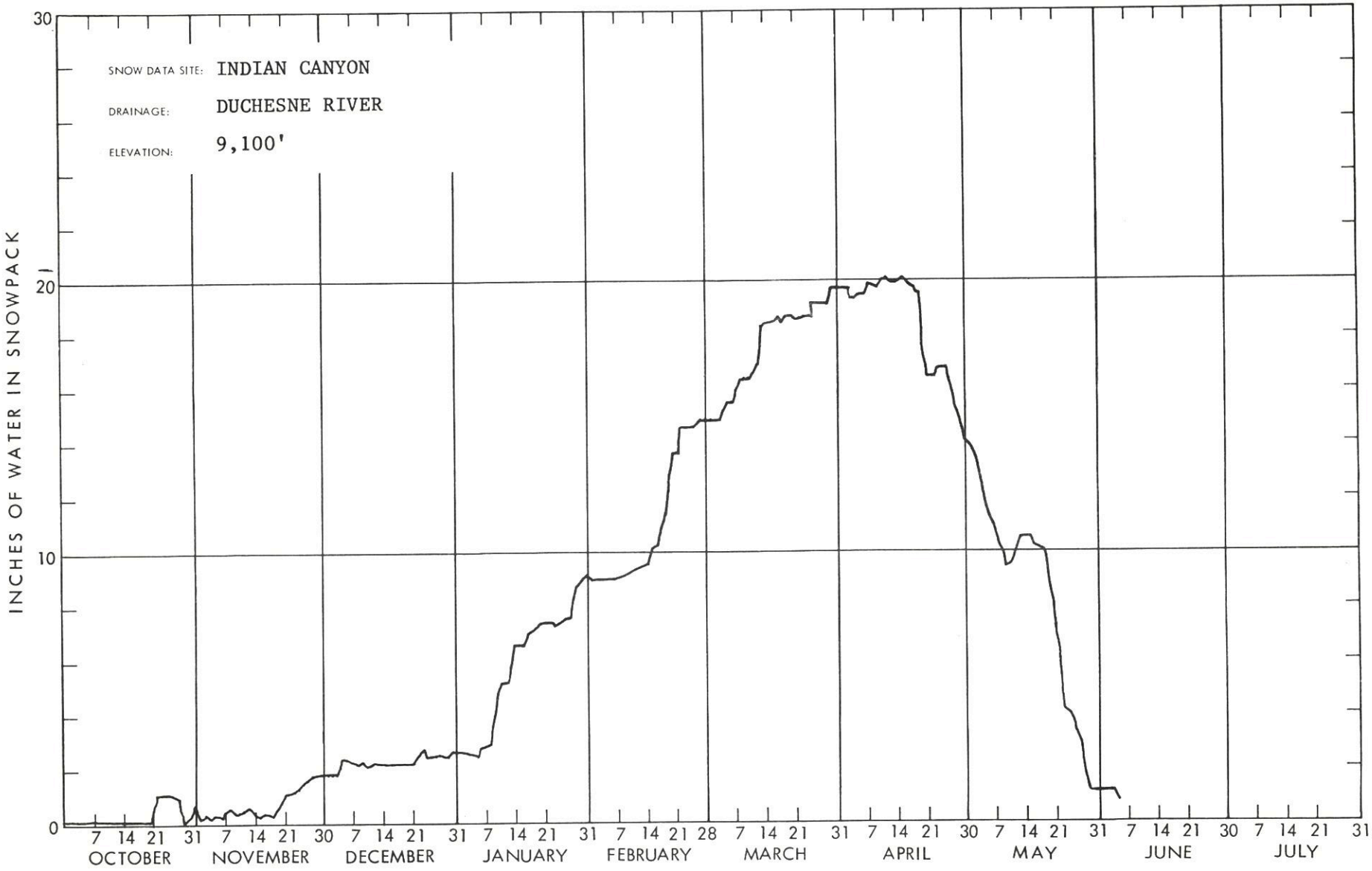
SNOW DATA SITE: INDIAN CANYON
DRAINAGE: DUCHESNE RIVER
ELEVATION: 9,100'
INCHES OF WATER IN SNOWPACK
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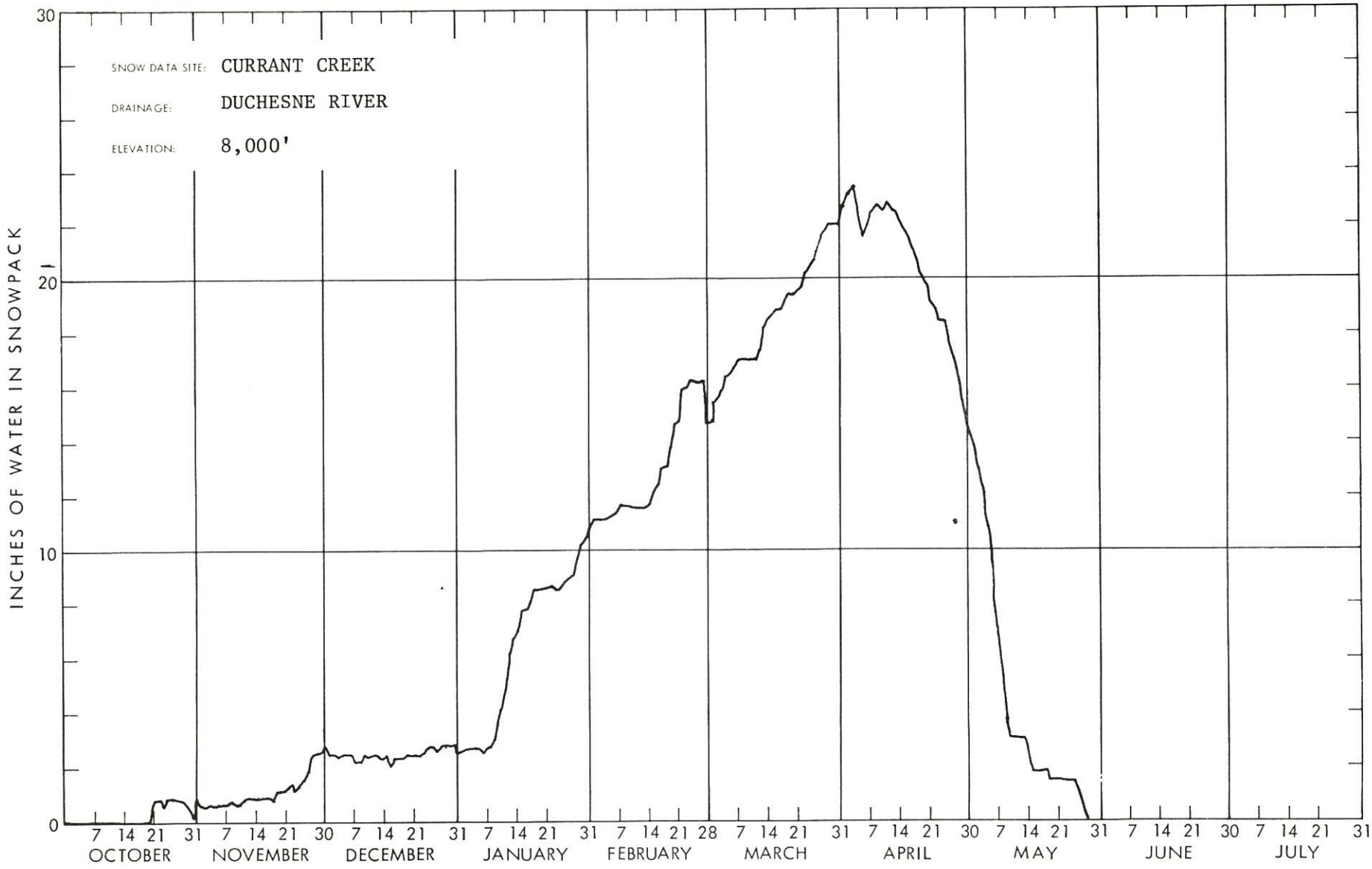
SNOW DATA SITE: CURRANT CREEK
DRAINAGE: DUCHESNE RIVER
ELEVATION: 8,000'
INCHES OF WATER IN SNOWPACK
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7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 31 7 14 21 28 7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 30 7 14 21 31
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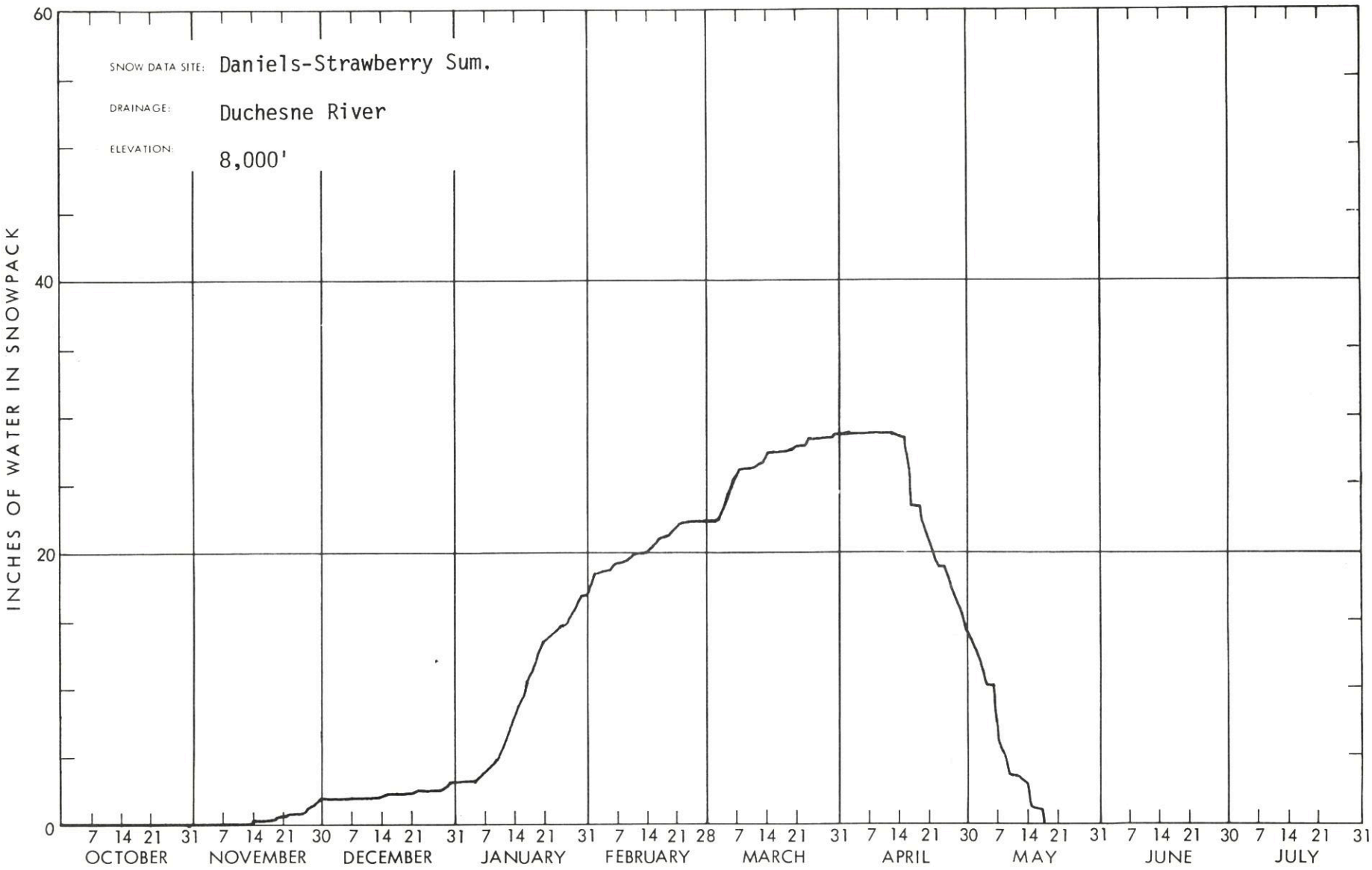
SNOW DATA SITE: Daniels-Strawberry Sum.
DRAINAGE: Duchesne River
ELEVATION: 8,000'
INCHES OF WATER IN SNOWPACK
60
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7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 31 7 14 21 28 7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 30 7 14 21 31
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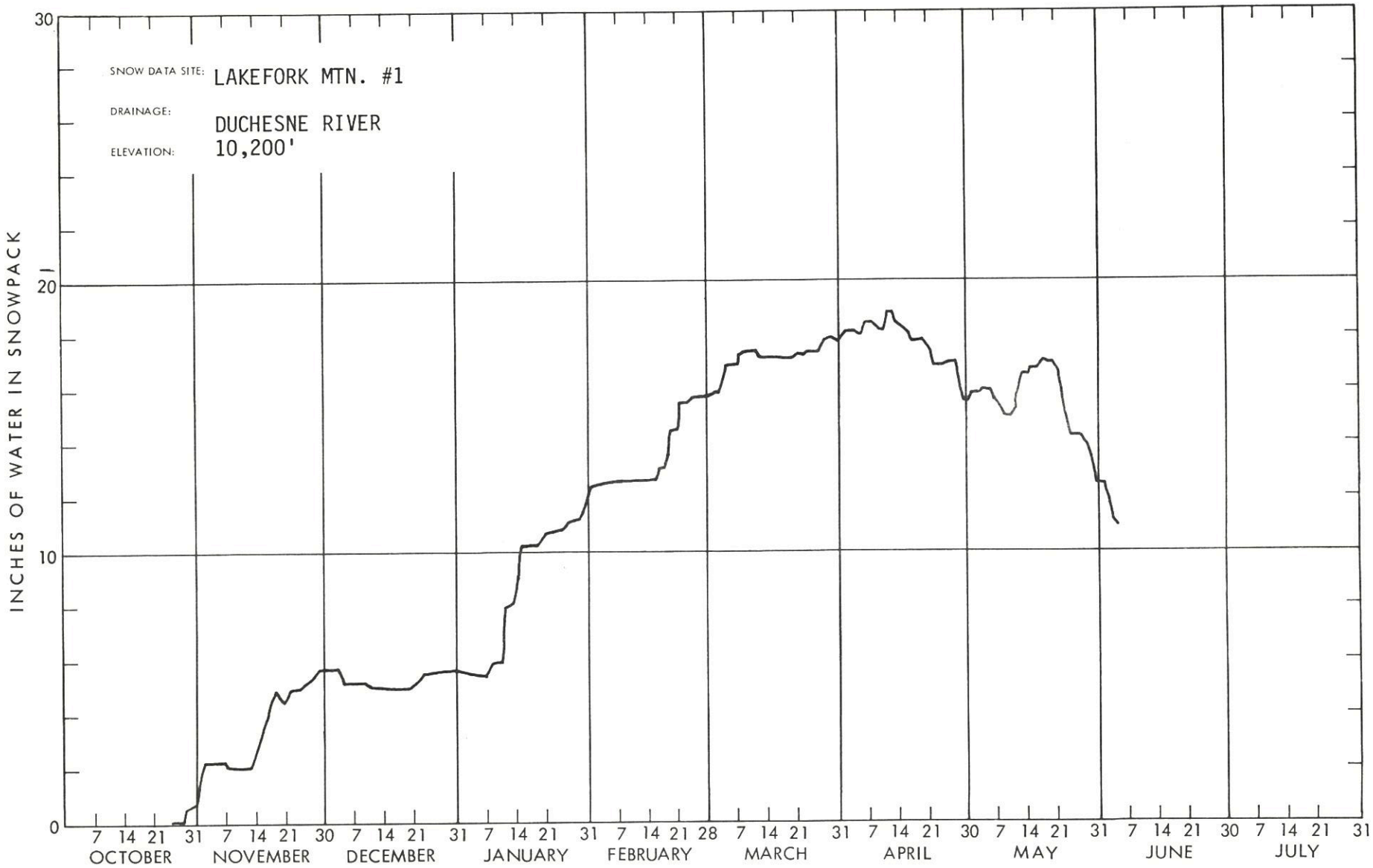
SNOW DATA SITE: LAKEFORK MTN. #1
DRAINAGE: DUCHESNE RIVER
ELEVATION: 10,200'
INCHES OF WATER IN SNOWPACK
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7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 31 7 14 21 28 7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 30 7 14 21 31
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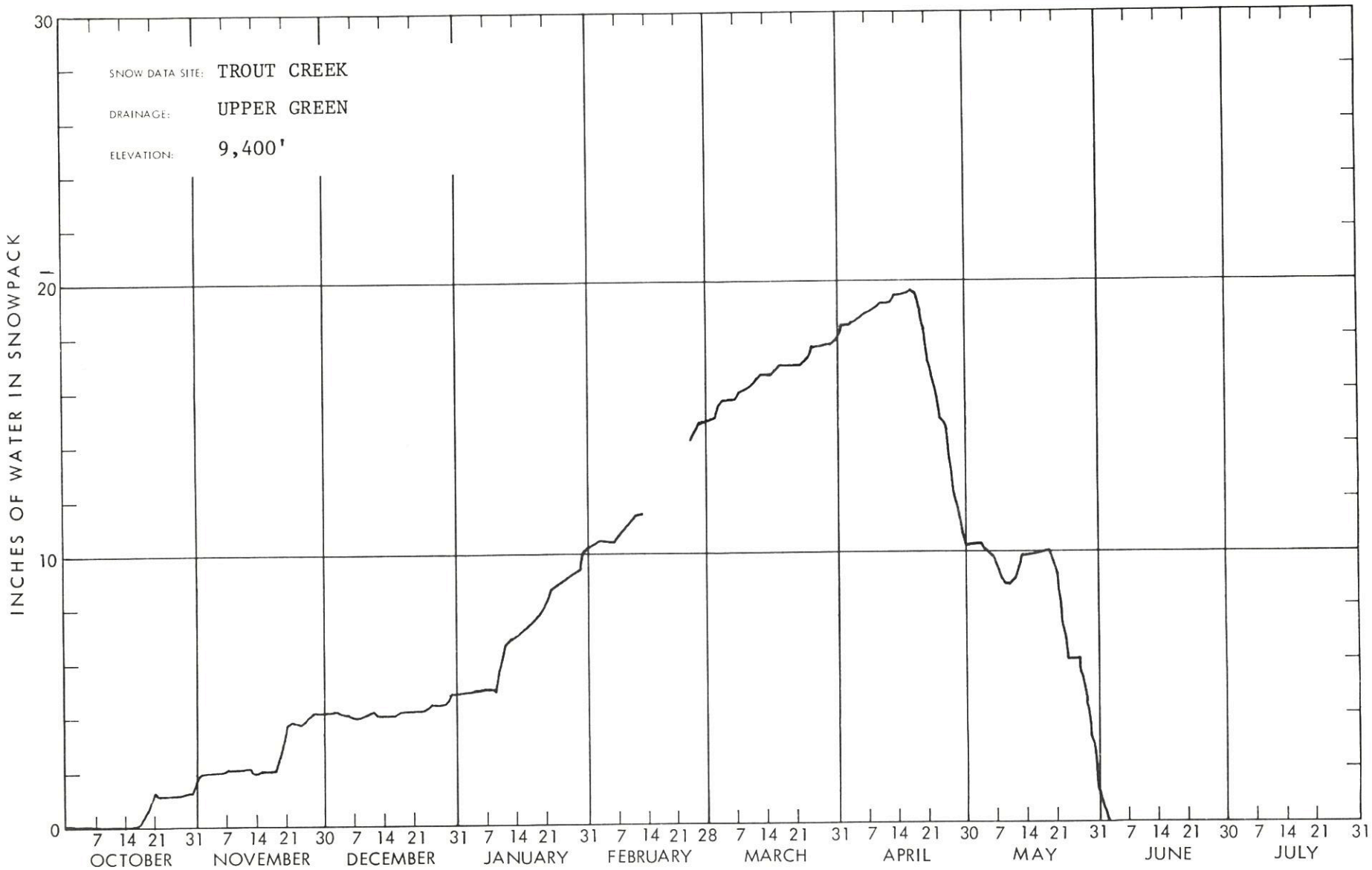
SNOW DATA SITE: TROUT CREEK
DRAINAGE: UPPER GREEN
ELEVATION: 9,400'
INCHES OF WATER IN SNOWPACK
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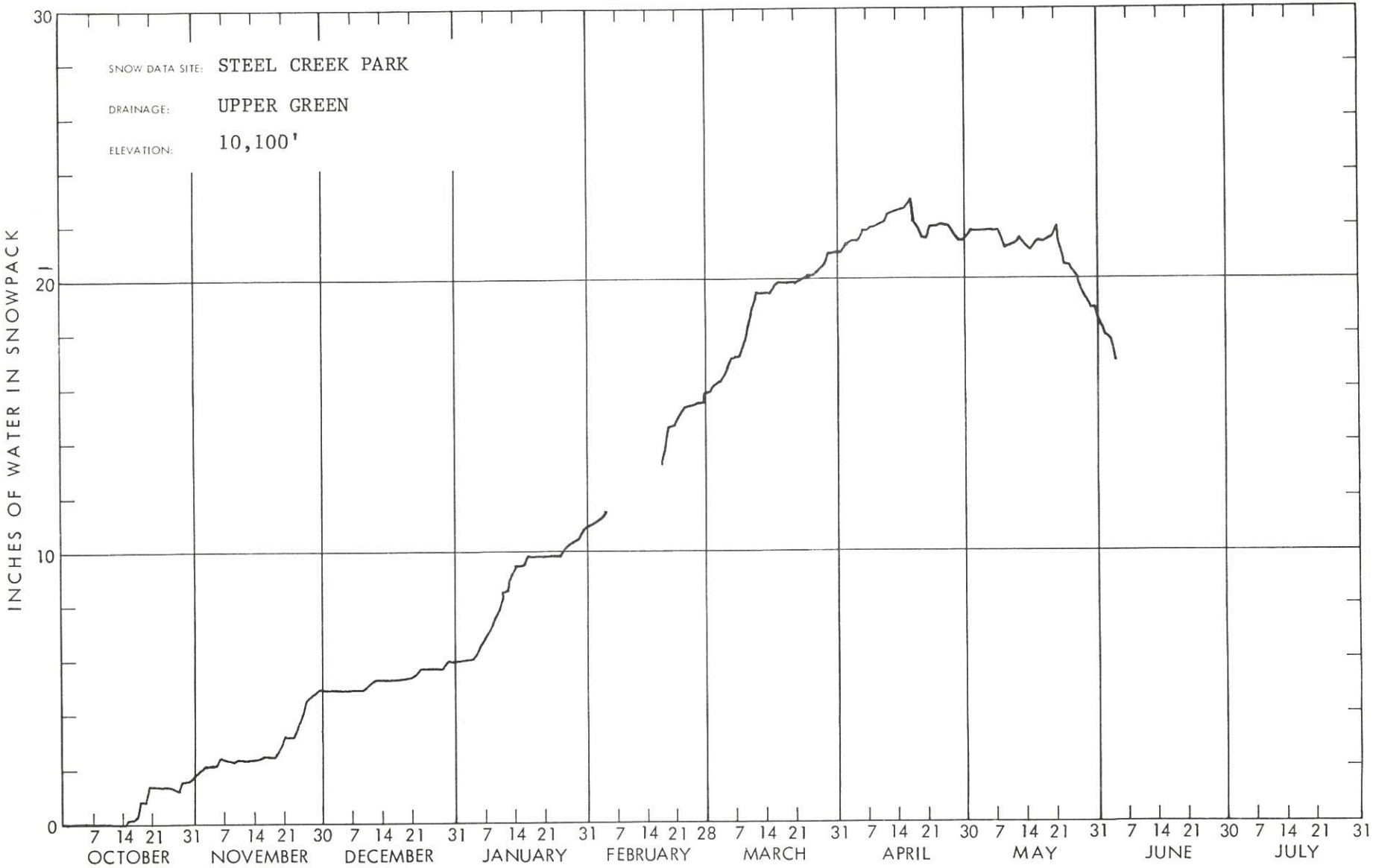
SNOW DATA SITE: STEEL CREEK PARK
DRAINAGE: UPPER GREEN
ELEVATION: 10,100'
INCHES OF WATER IN SNOWPACK
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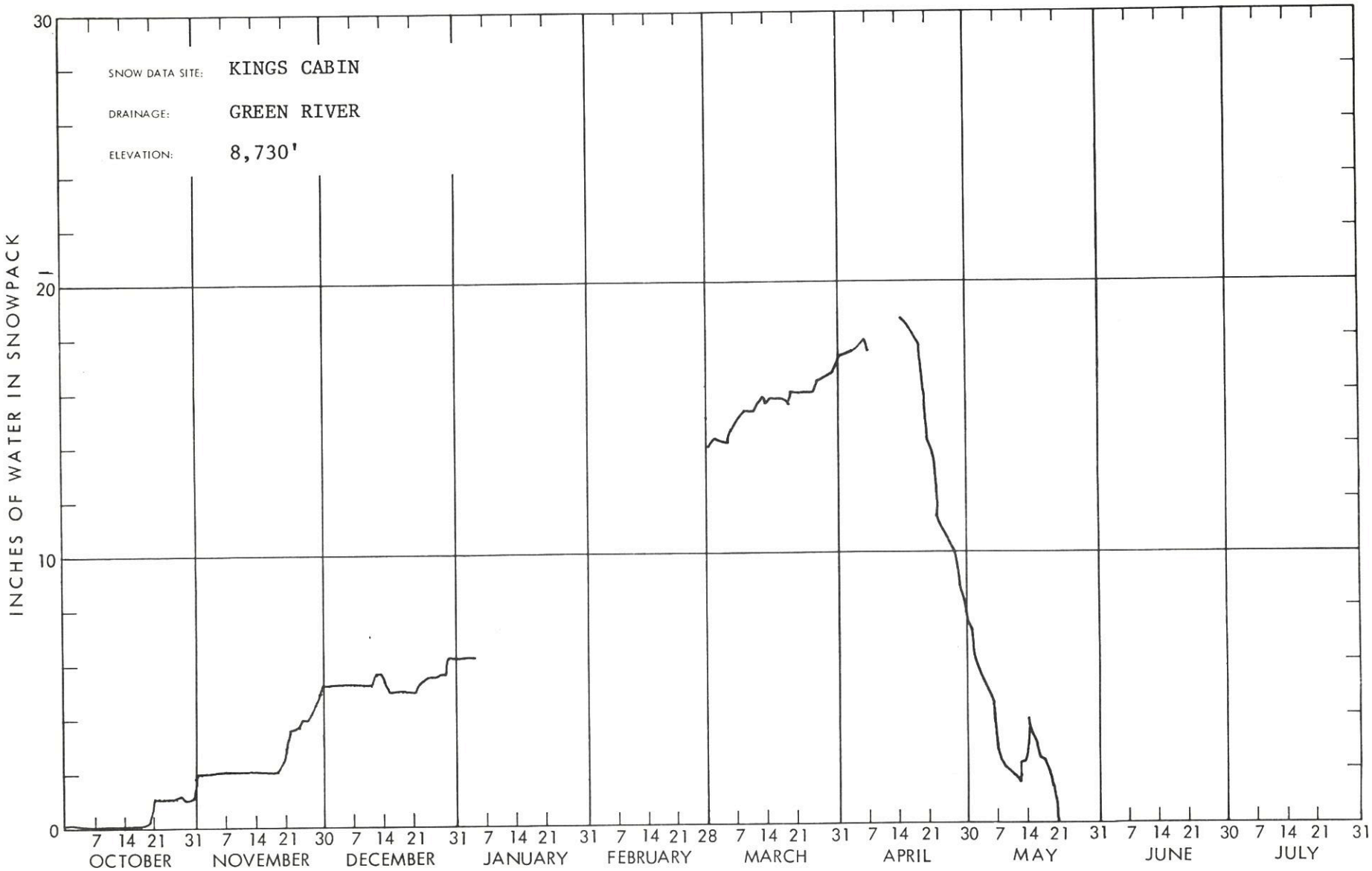
SNOW DATA SITE: KINGS CABIN
DRAINAGE: GREEN RIVER
ELEVATION: 8,730'
INCHES OF WATER IN SNOWPACK
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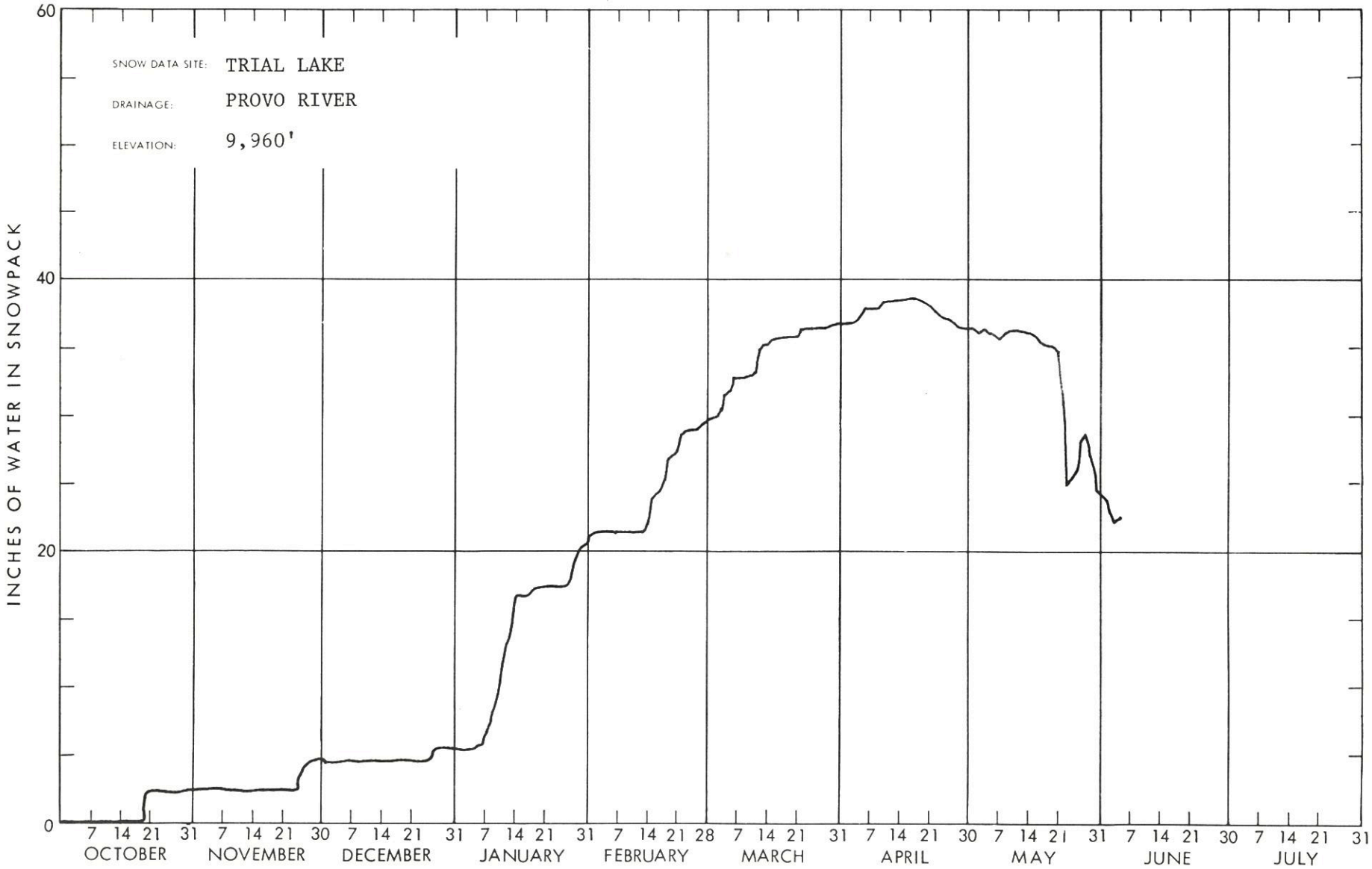
SNOW DATA SITE: TRIAL LAKE
DRAINAGE: PROVO RIVER
ELEVATION: 9,960'
INCHES OF WATER IN SNOWPACK
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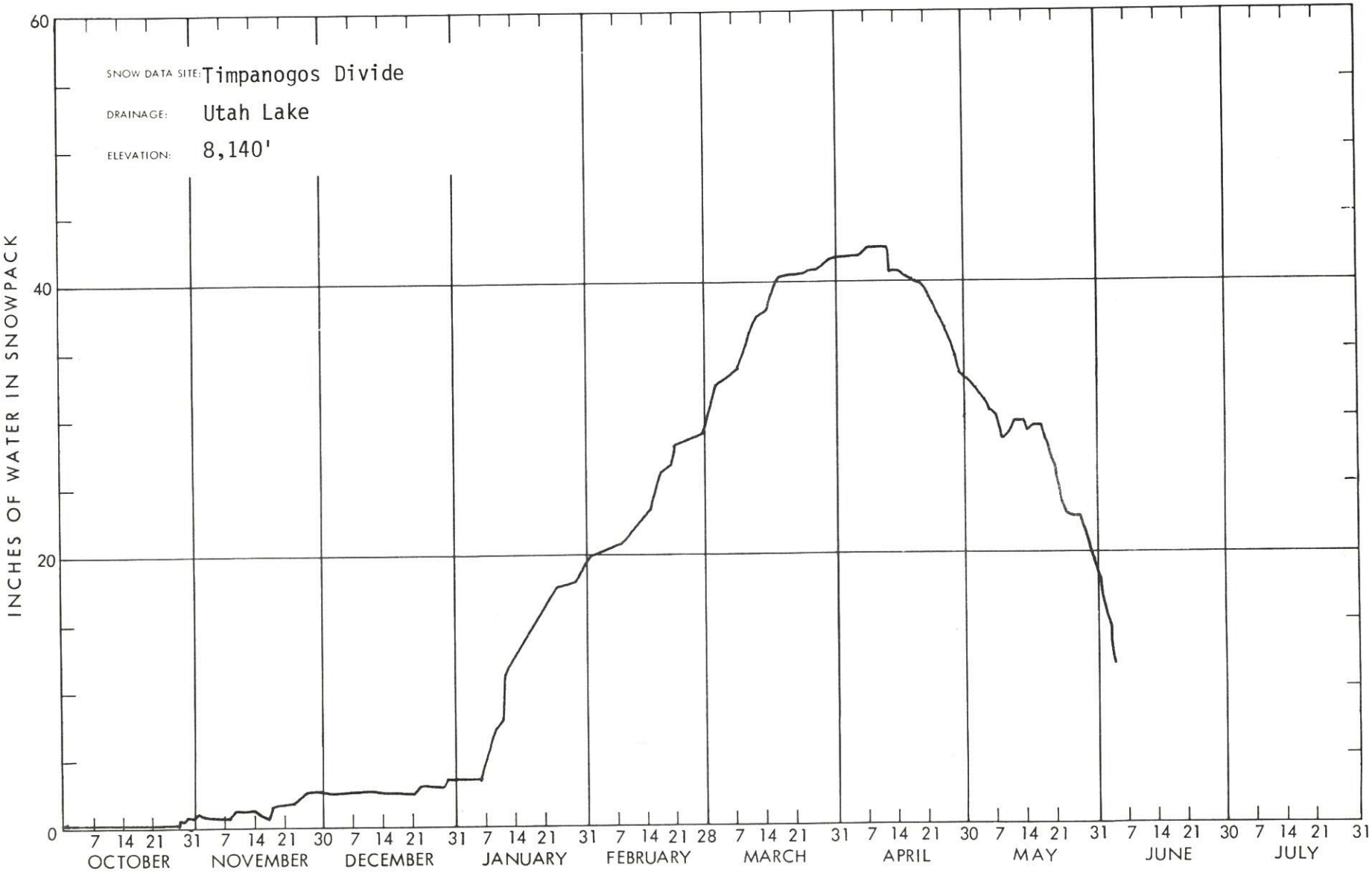
SNOW DATA SITE: Timpanogos Divide
DRAINAGE: Utah Lake
ELEVATION: 8,140'
INCHES OF WATER IN SNOWPACK
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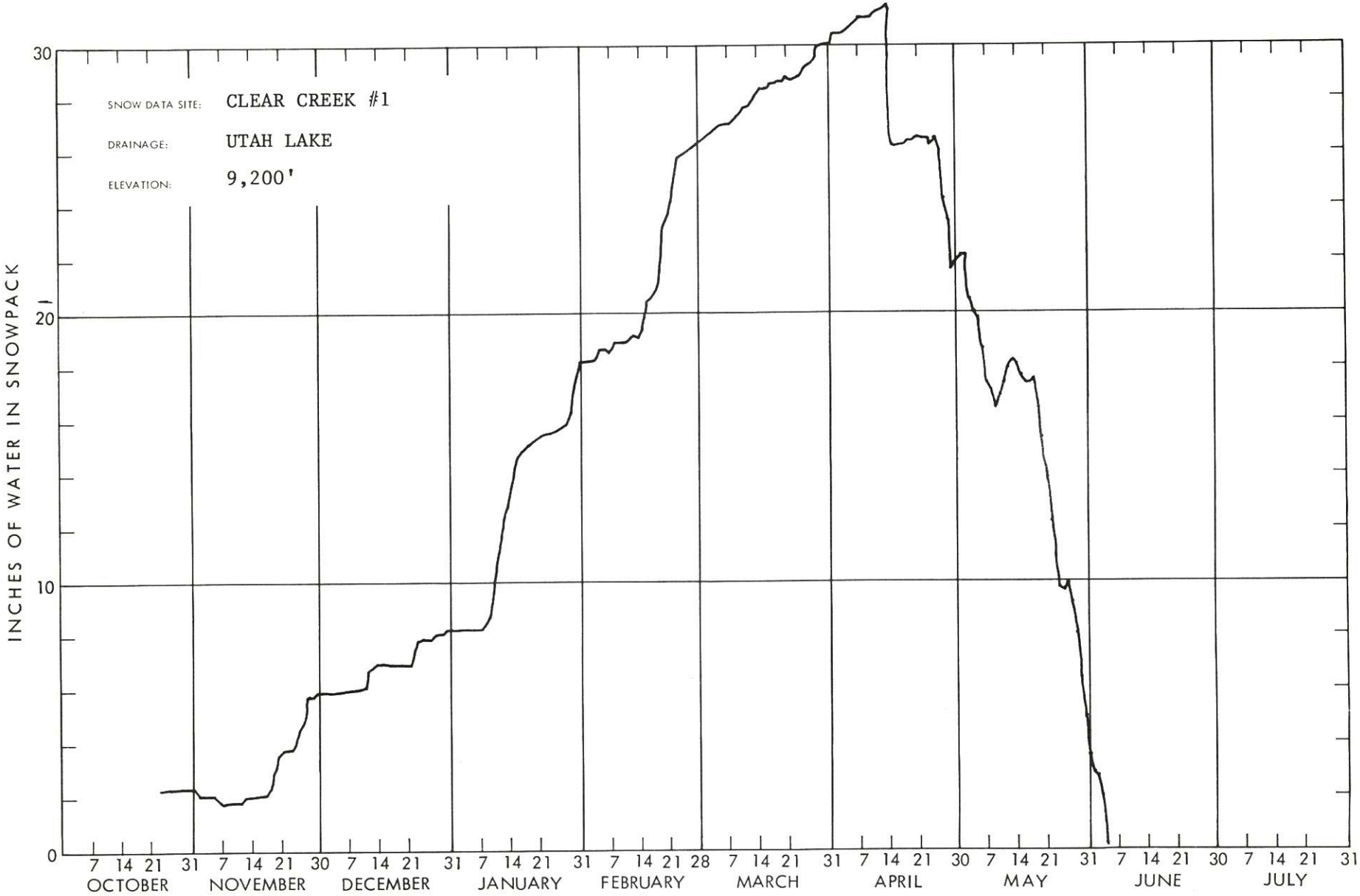
SNOW DATA SITE: CLEAR CREEK #1
DRAINAGE: UTAH LAKE
ELEVATION: 9,200'
INCHES OF WATER IN SNOWPACK
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7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 31 7 14 21 28 7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 30 7 14 21 31
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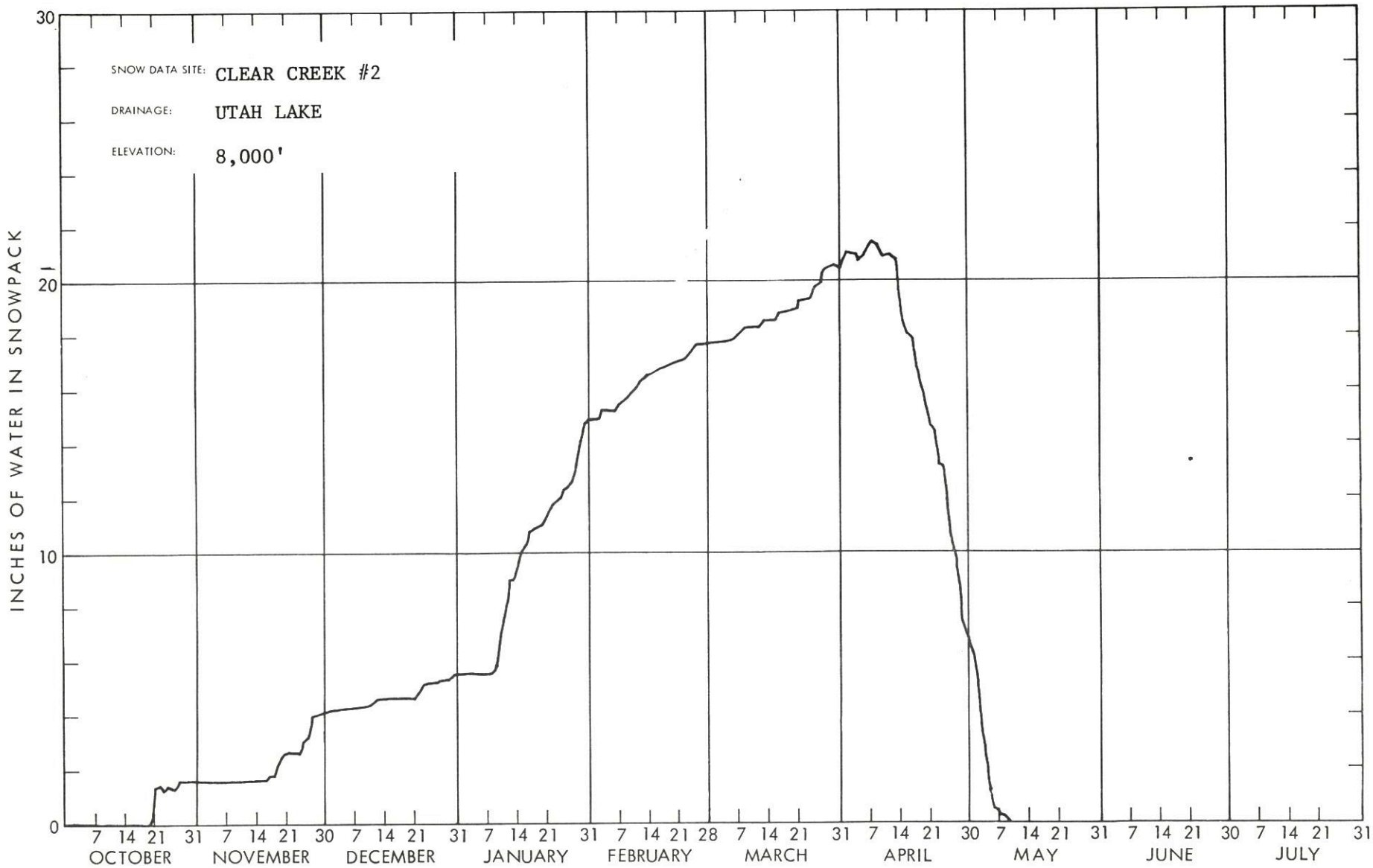
SNOW DATA SITE: CLEAR CREEK #2
DRAINAGE: UTAH LAKE
ELEVATION: 8,000'
INCHES OF WATER IN SNOWPACK
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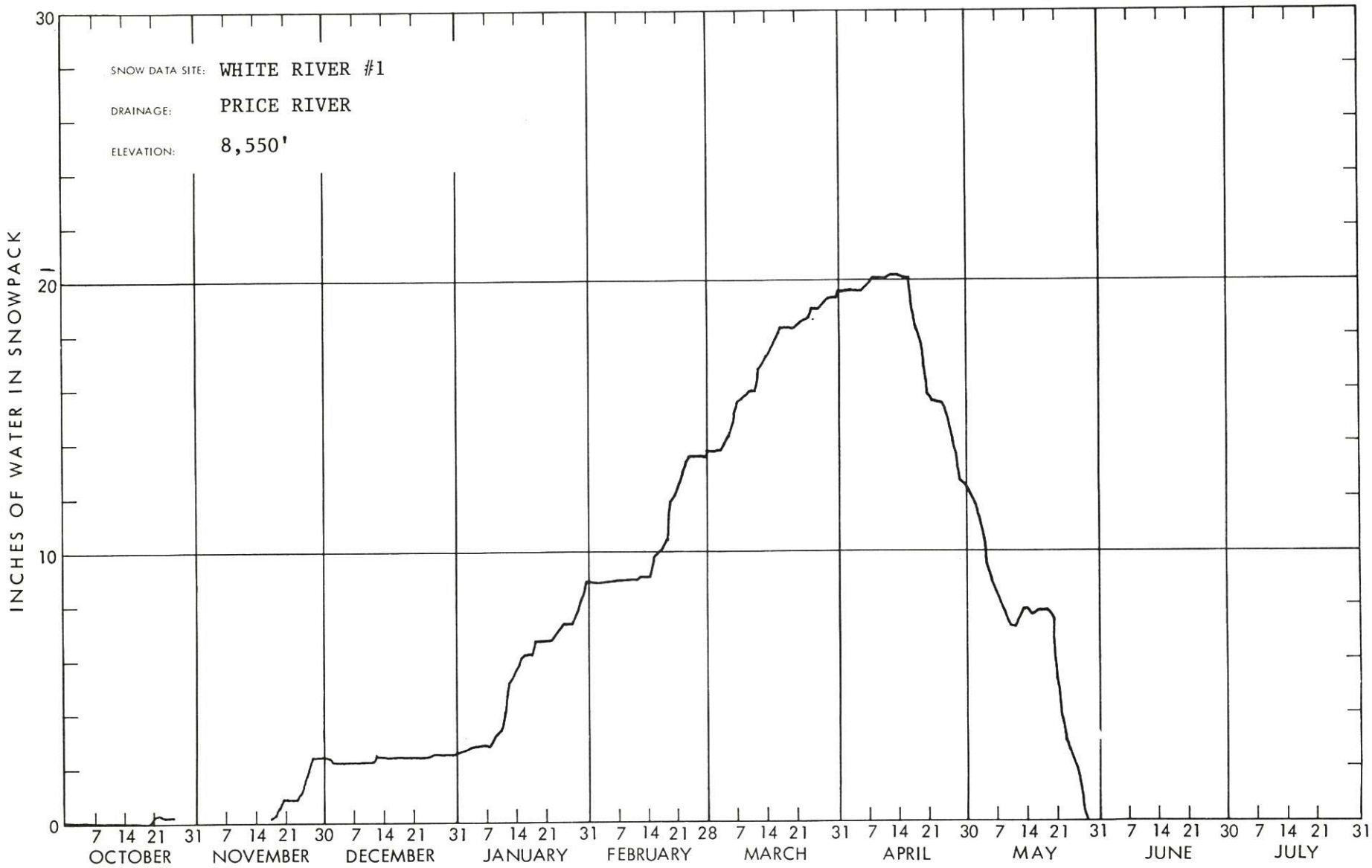
SNOW DATA SITE: WHITE RIVER #1
DRAINAGE: PRICE RIVER
ELEVATION: 8,550'
INCHES OF WATER IN SNOWPACK
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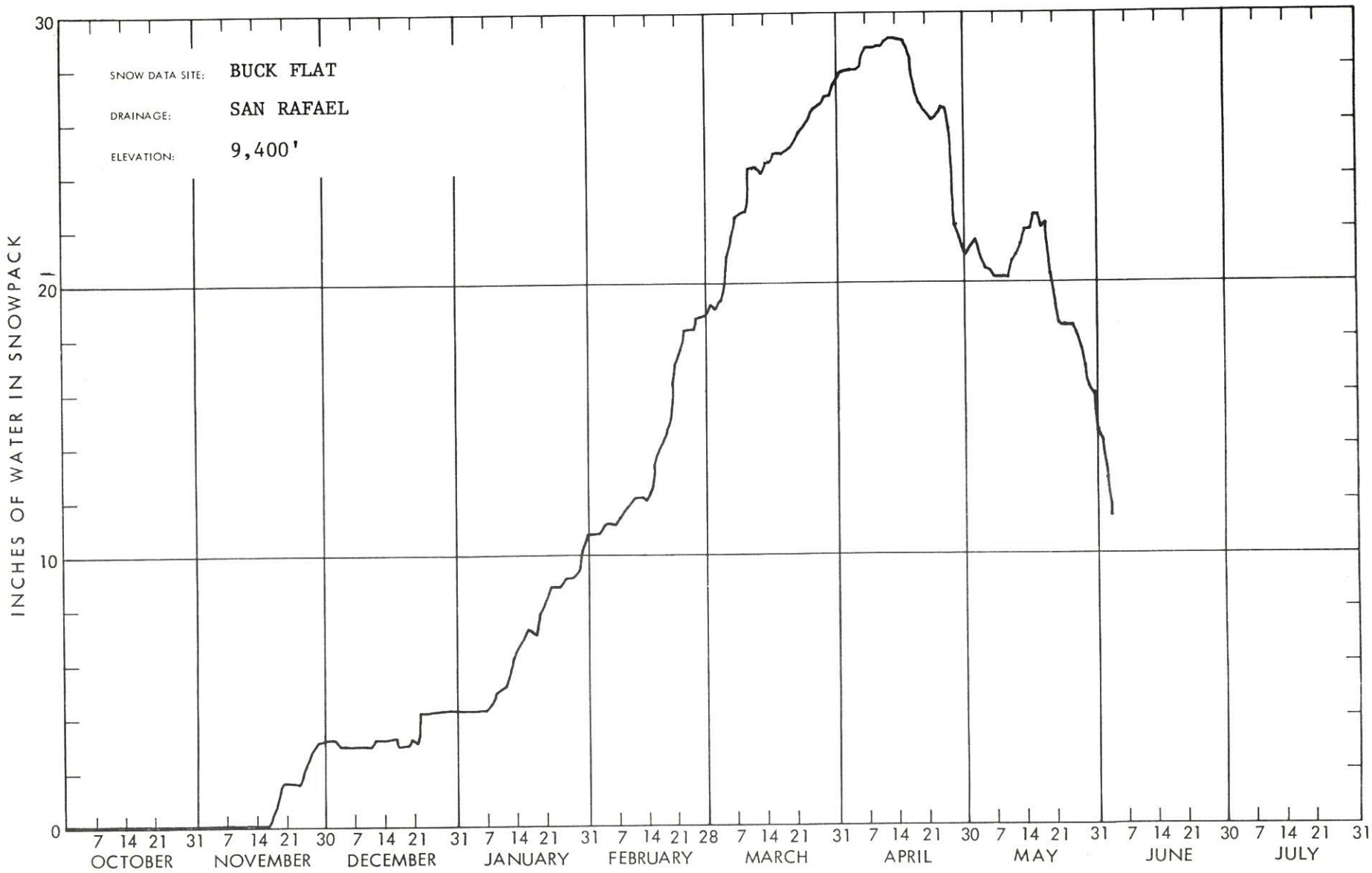
SNOW DATA SITE: BUCK FLAT
DRAINAGE: SAN RAFAEL
ELEVATION: 9,400'
INCHES OF WATER IN SNOWPACK
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7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 31 7 14 21 28 7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 30 7 14 21 31
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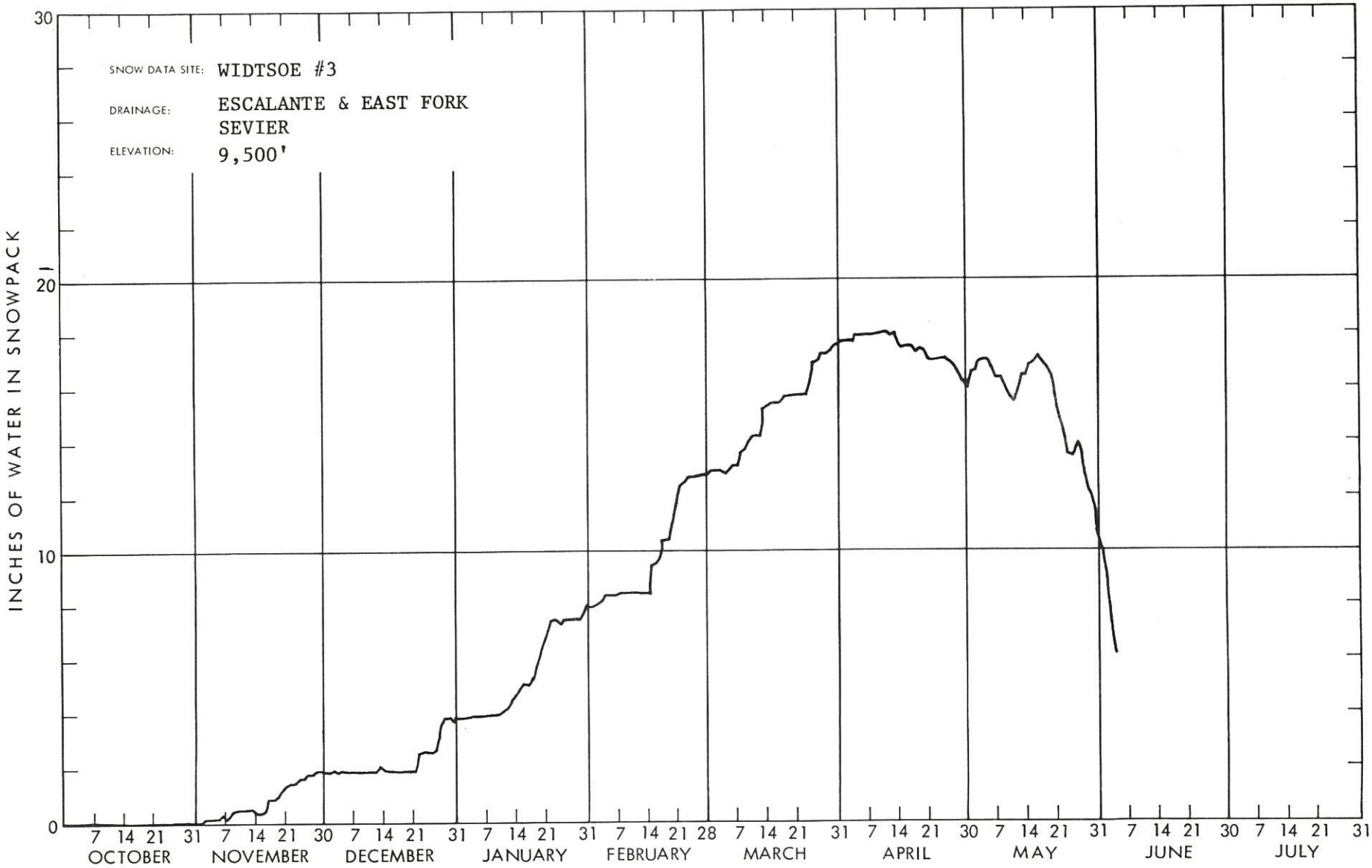
SNOW DATA SITE: WIDTSOE #3
DRAINAGE: ESCALANTE & EAST FORK SEVIER
ELEVATION: 9,500'
INCHES OF WATER IN SNOWPACK
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7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 31 7 14 21 28 7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 30 7 14 21 31
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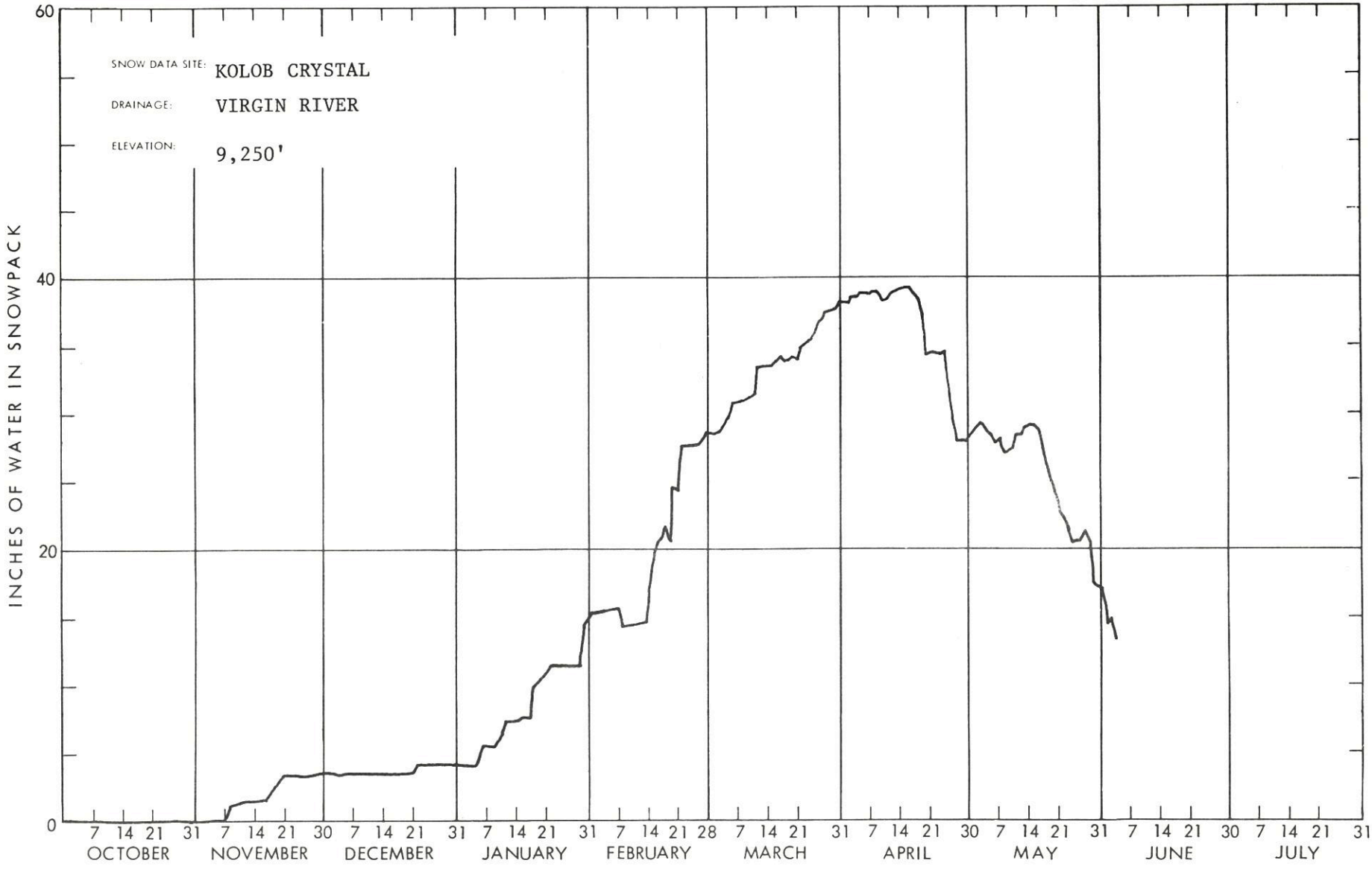
SNOW DATA SITE: KOLOB CRYSTAL
DRAINAGE: VIRGIN RIVER
ELEVATION: 9,250'
INCHES OF WATER IN SNOWPACK
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SNOW	THIS YEAR			PAST RECORD		PRECIPITATION (Inches)					
				Water Content (inches)		CURRENT INFORMATION			FROM APPROX. OCT 1 TO DATE		
DRAINAGE BASIN and/or SNOW COURSE NAME	Date of Survey	Snow Depth (inches)	Water Content (inches)	Last Year	2 yrs ago	Date of Reading	Month's Precipitation	Average +	This Year	Average +	Percent of Average
GREAT BASIN											
UPPER BEAR RIVER (Above Harer, Idaho)											
Burts-Miller Ranch	6/2	0	0.0	0.0	0.0	6/2	3.90	2.32a	17.25	13.99a	123
CCC Camp											
Hayden Fork	6/2	0	0.0	0.0	0.8	6/2	4.55	3.02b	31.47	27.16	116
Monte Cristo	5/28	28	13.2	1.7	19.6	5/28	5.46	2.83	38.07	34.00	112
Salt River Summit						5/28	5.07	1.47	26.12	21.23	123
Stillwater Camp	6/2	0	0.0	0.0	0.0	6/2	3.50	2.22	23.41	17.32	135
Lily Lake	6/2	0	0.0	--	--						
LOWER BEAR RIVER (Below Harer, Idaho)											
Bug Lake	5/28	0	0.0	0.0	0.0	5/28	4.00e	--	29.90e	--	--
Cub River	5/28	0	0.0								
Emigrant Summit											
Franklin Basin	5/28	13	5.2	0.0	19.8						
Garden City Summit	5/28	0	0.0	0.0	0.0	5/28	4.18	2.14b	25.57	24.47	104
Klondike Narrows	5/28	0	0.0	0.0	0.0	5/28	4.88	2.75b	31.71	29.20b	109
Little Bear (lower)	5/28	0	0.0	0.0	0.0						
Little Bear (upper)	5/28	0	0.0	0.0	0.0	5/28	7.00e	--	37.00e	--	--
Slug Creek Divide											
Steep Hollow #1	5/28	45	23.0	--	39.2						
Steep Hollow #2	5/28	0	0.0	0.0	8.9						
Tony Grove Lake	5/28	30	15.8	0.0	30.2	5/28	4.60e	--	44.70e	--	--
Tony Grove R.S.	5/28	0	0.0	0.0	0.0	5/28	4.12	1.56a	28.97	22.97a	126
Willow Flat	5/28	0	0.0	--	0.0	5/28	6.25	2.85b	34.43	30.36	113
OGDEN RIVER											
Beaver Creek-Skunk Creek	5/28	0	0.0	0.0	0.0						
Ben Lomond Peak	5/28	43	20.2	14.2a	31.3						
Ben Lomond Trail	5/28	0	0.0	0.0	--	5/28	7.72	3.05b	52.46	37.17b	141
Causey Dam						5/28	4.59	1.86b	25.39	18.50	137
Dry Bread Pond	5/28	6	2.2	0.0	2.7	5/28	5.24e	2.62b		27.90	
Sagebrush Flat	5/28	0	0.0	0.0	0.0	5/28	4.39	1.75b	26.50	18.58	143
WEBER RIVER											
Beaver Creek R.S.	6/2	0	0.0	0.0	0.0						
Chalk Creek #1	6/2	35	17.1e	3.1a	17.6						
Chalk Creek #2	6/2	0	0.0	0.0	0.0	6/2	5.00e	2.25	26.20e	19.64	133
Chalk Creek #3	6/2	0	0.0	0.0	0.0	6/2	4.60	2.17b	24.20	17.76b	136
Farmington Canyon (lower)	5/28	0	0.0	0.0	0.0	5/28	8.14	--	43.18	--	--
Farmington Canyon (upper)	5/28	38	18.1	0.0	21.1						
Farmington G.S.	5/28	0	0.0	0.0	--	5/28	8.18	--	36.79	--	--
Horse Ridge	5/28	0	0.0	0.0	0.0	5/28	5.62	2.62b	37.73	31.00	122
Kilfoil Creek	5/28	0	0.0	0.0	0.0						
Lost Creek Reservoir	5/28	0	0.0	0.0	0.0	5/28	3.39	--	20.73	--	--
Park City Summit											
Parley's Canyon Summit	5/30	0	0.0	0.0	0.0	5/30	3.94	2.80	32.83	30.38	108
Pine Canyon	5/28	0	0.0		--						
Redden Mine (lower)	6/2	0	0.0	--	0.0	6/2	4.65		28.23		
Smith & Morehouse	6/2	0	0.0	0.0	0.0	6/2	4.90e	2.46	25.70e	24.47	105
Sergeant Lake (A)	6/5	0	0.0	0.0	2.2						
PROVO RIVER & UTAH LAKE											
Beaver Creek Divide				0.0	0.0						
Camp Altamont	5/29	0	0.0	0.0	0.0						
Clear Creek Ridge #1	5/28	22	9.7	0.0	4.0	5/28	3.00e	--	32.80e	--	--
Clear Creek Ridge #2	5/28	0	0.0	0.0	0.0	5/28	3.46a	2.01	27.16	21.38	127
Clear Creek Ridge #3	5/28	0	0.0	0.0	0.0						
Dutchman R.S.	5/29	1	0.2	0.0	0.0	5/29	4.10	2.64b	38.20	27.63	138
Hobble Creek Summit	5/29	0	0.0	0.0	0.0	5/29	3.50	2.15	31.21	22.54	138
Payson R.S.	5/29	0	0.0	0.0	0.0	5/29	3.41	1.98	26.82	23.51	114
Soapstone R.S.	6/2	0	0.0	0.0	0.0	6/2	2.75	2.05	25.37	21.84	116
South Fork R.S.				0.0	0.0						
Timpanogos Cave Camp				0.0	0.0						
Timpanogos Divide	5/29	28	16.4	0.0	4.4	5/29	5.95	2.78	47.80	32.17	149
Trial Lake	6/2	58	30.2	17.5	30.5	6/2	4.70	2.72	39.75	31.45	126

+ 1958-1972 period

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

SNOW	THIS YEAR			PAST RECORD		PRECIPITATION (Inches)					
DRAINAGE BASIN and/or SNOW COURSE				Water Content (inches)		CURRENT INFORMATION			FROM APPROX. OCT 1 TO DATE		
NAME	Date of Survey	Snow Depth (inches)	Water Content (inches)	Last Year	2 yrs ago	Date of Reading	Month's Precipitation	Average +	This Year	Average +	Percent of Average
JORDAN RIVER & GREAT SALT LAKE											
Bevan's Cabin					0.0						
Lamb's Canyon #2	5/30	0	0.0	0.0	0.0	5/30	3.24	--	27.03	--	--
Middle Canyon	5/30	0	0.0	0.0	0.0	5/30	4.20	2.86b	40.20	23.06	174
Mill Creek	5/30	3	1.3	0.0	6.5						
Mill D South Fork				0.0	0.0						
Mtn. Dell Dam											
Rocky Basin Settlement Can.	5/30	44	18.8	--	24.6	5/30	5.00	--	9.62	--	--
Silver Lake (Brighton)	5/30	32	18.9		--						
Snowbird (Gad Valley)											
Vernon Creek				0.0	0.0	5/31	3.80e	2.05b	29.30e	19.90	147
UPPER SEVIER RIVER (South of Richfield, Utah)											
Box Creek	5/31	21	8.2	--	0.0	5/31	3.96	1.88	27.45	18.29	150
Bryce Canyon											
Castle Valley	5/27	0	0.0	0.0	0.0	5/27	3.21	1.62	26.80	18.75	143
Duck Creek R.S.	5/30	15	6.9	0.0	0.0	5/30	3.53	1.91	36.90	21.55	171
Farview											
Harris Flat	5/30	0	0.0	0.0	0.0	5/30	2.10e	--	24.40e	--	--
Kimberly Mine	5/27	34	16.9	3.3	10.2	5/27	5.81	2.15b	34.00	24.76	137
Midway Valley	5/30	61	25.3	23.2	26.0	5/30	2.93	--	34.64	--	--
Panguitch Lake	5/27	0	0.0	0.0	0.0	5/27	2.15	1.04	15.14	10.43	145
Rainbow Point											
Squaw Springs	5/31	0	0.0	--	0.0						
LOWER SEVIER RIVER (Including San Pitch River)											
Beaver Dams	5/28	0	0.0	0.0	0.0	5/28	3.51a	2.10b	26.15a	18.44	142
Farnsworth Lake	5/31	43	18.6	--	21.3	5/31	4.95	--	33.74	--	--
G.B.R.C. Headquarters	5/28	24	10.2	0.0	2.4	5/28	4.82	2.38	35.26	24.93	141
G.B.R.C. Majors						6/2	3.50	1.51b	21.70	12.17	178
G.B.R.C. Meadows	5/28	58	29.1	--	25.8	5/28	4.90	2.60	40.10	29.80	135
G.B.R.C. Oaks						6/2	4.00	1.78	25.03	16.66	150
Gooseberry R.S.	5/31	0	0.0	0.0	0.0	5/31	4.57	1.83b	24.87	17.85b	139
Gooseberry Reservoir						5/28	5.63	2.33	37.43	24.04	156
Mammoth-Cottonwood Creek	5/28	37	16.1	0.0	12.4	5/28	4.10e	--	26.20e	--	--
Middle Fork				--	30.8						
Mt. Baldy R.S.	5/28	64	30.2	--	31.0	5/28	4.35	2.67b	33.84	23.51b	144
Oak Creek				0.0	0.0			1.83b		21.62	
Pickle Keg Springs	5/29	17	7.1	0.0	5.8	5/29	3.60e	--	33.20e	--	--
Pine Creek	5/29	17	6.8	0.0	13.2	5/29	6.40	3.00	34.95	30.70	114
Ree's Flat	5/29	0	0.0	--	0.0	5/29	4.77	--	30.20	--	--
Shingle Mill	6/2	0	0.0	0.0	0.0	6/2	5.30	2.14b	34.60	21.69	160
Thistle Flat				--	1.0						
BEAVER RIVER											
Beaver Canyon Power House											
Beaver Race Track				0.0	0.0						
Big Flat	5/27	82	35.5	27.7a	26.8	5/27	8.09	2.71	36.38	21.71	168
Merchant's Valley (upper)	5/27	17	7.0	0.0	0.0	5/27	8.56	1.88	32.55	19.09	171
Otter Lake	5/27	48	20.8	--	16.8						
PAROWAN CREEK											
Birch Crossing	5/30	0	0.0	--	0.0						
Brian Head	5/27	50	22.8	17.8	18.4						
Tall Poles	5/30	0	0.0	0.0	0.0	5/30	3.50	1.42b	32.10	19.79b	162
Yankee Reservoir	5/28	0	0.0	0.0	0.0	5/28	2.17	1.43	22.02	16.57	133
ENTERPRISE TO NEW HARMONY DRAINAGES											
Little Grassy Creek	5/30	0	0.0	--	0.0	5/30	2.81	0.88b	27.95	15.61b	179
Long Flat	5/30	0	0.0	--	0.0	5/30	2.52	1.23b	25.32	14.24b	178
COAL CREEK											
Cedar City Golf Course	5/30	0	0.0	0.0	0.0						
SUSC Ranch	5/30	0	0.0	0.0	0.0						

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

+ 1958-1972 period

SNOW	THIS YEAR			PAST RECORD		PRECIPITATION (Inches)					
				Water Content (inches)		CURRENT INFORMATION			FROM APPROX. OCT. 1 TO DATE		
DRAINAGE BASIN and/or SNOW COURSE NAME	Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Last Year	2 yrs ago	Date of Reading	Month's Precipitation	Average +	This Year	Average +	Percent of Average
COLORADO RIVER DRAINAGE											
UPPER GREEN RIVER - UTAH											
Ashley-Twin Lakes (A)	6/5	51	25.5	12.0e	14.0						
Black's Fork G.S.-East Fork	6/5	0	0.0	0.0	0.0						
Black's Fork Junction	6/5	0	0.0	--	0.0						
Buck Pasture (A)	6/5	6	3.0	1.5e	11.4	6/4	4.75	--	19.50	--	--
Burnt Creek				0.0	0.0	6/4	4.70	2.90b	26.25	19.50	135
Grizzly Ridge				0.0	0.0						
Hewinta G.S.				0.0	0.0			2.57b		15.54	
Hickerson Park				0.0	0.0	6/2	5.50	3.01	24.69	17.59	140
King's Cabin (upper)	6/2	0	0.0	0.0	0.0						
Reynolds Park (A)	6/5	36	18.0	10.5e	16.2	6/2	10.30	3.68b	32.15	22.38b	144
Spirit Lake	6/2	37	16.0	3.0e	6.1	6/5	6.00e	--	26.10e	--	--
Steel Creek Park	6/5	33	16.5e	6.0e	19.1	6/2	3.90e	--	21.50e	--	--
Trout Creek	6/2	0	0.0	0.0	0.0						
Windy Park (A)				2.5e	4.7						
Henrys Fork (A)	6/5	6	3.0	0.0	15.2						
DUCHESNE RIVER											
Atwood Lake (A)	6/5	15	7.5	6.0e	12.2						
Brown Duck Ridge	6/2	55	30.4	12.0a	18.9	6/2	5.55	--	34.30	--	--
Chepeta-Whiterocks (A)	6/2	45	19.4	11.5e	13.0						
Currant Creek	5/29	0	0.0	0.0	0.0	5/29	2.88	1.58b	26.72	17.78	150
Daniels-Strawberry Summit	5/29	0	0.0	0.0	0.0	5/29	3.02	1.90b	34.59	22.99	150
East Portal				0.0	0.0	6/1	3.04	--	29.27	--	--
Five Points Lake (A)	6/5	28	14.0	12.0e	15.6						
Indian Canyon	5/28	3	0.8	0.0a	0.0	5/28	3.81	1.71b	26.02	17.37b	150
Jackson Park	6/2	42	19.7	--	7.7	6/2	6.55	--	29.30	--	--
Lakefork Basin (A)	6/5	48	24.0	15.0e	22.8	6/5	4.80e	--	27.70e	--	--
Lakefork Mountain	6/2	17	7.3	0.0a	3.8	6/2	4.15	2.60	24.52	18.30	134
Lakefork Mountain #3	6/3	0	0.0	0.0	0.0						
Lightning Lake (A)	6/5	36	18.0	18.0e	33.6	6/5	2.70e	--	25.10e	--	--
Mosby Mountain	6/2	20	8.6	0.0	5.7	6/2	8.90	2.62b	30.55	17.80	172
Paradise Park	6/2	39	18.9	--	11.2	6/2	8.30	2.50	28.60	20.56	139
Rock Creek Ranch	6/2	0	0.0	0.0	0.0	6/2	3.45	1.83	22.42	15.35	146
Strawberry Divide				0.0	0.0						
PRICE RIVER											
Dry Valley Divide Alt.	5/28	0	0.0	--	0.0						
Mud Creek	5/28	0	0.0	0.0	0.0	5/28	3.10	1.95	28.27	19.16	147
White River #1	5/28	0	0.0	0.0	0.0	5/28	3.48	1.71b	24.55	17.77	138
White River #3	5/28	0	0.0	--	0.0						
SAN RAFAEL RIVER											
Buck Flat	5/28	37	17.0	0.0	11.4	5/28	4.51	2.52	33.19	22.97	144
Huntington-Horseshoe	5/28	58	28.9	10.3	30.8						
Orange Olsen	5/28	0	0.0	0.0	0.0	5/28	1.82	0.97b	17.54	9.50	185
Red Pine Ridge	5/28	18	6.9	0.0	1.6	5/28	3.15	2.22	31.95	25.61	125
Seeley Creek R.S.	5/28	35	17.5	0.0	16.8						
Stuart R.S.	5/28	0	0.0	0.0	0.0	5/28	2.72	1.65	22.17	15.42	144
Upper Joe's Valley	5/28	0	0.0	--	0.0						
Wrigley Creek	5/28	0	0.0	--	0.0						
MUDDY RIVER											
Black's Fork	5/28	18	7.1	--	1.9						
Dill's Camp	5/28	16	6.3	--	0.0	5/28	4.71	--	27.94	--	--
FREMONT RIVER											
Black's Flat-U.M. Creek	5/31	0	0.0	--	0.0	5/31	2.09	1.81	22.33	16.28	137
Fish Lake	5/31	0	0.0	--	0.0	5/31	2.79	1.39	31.38	12.39	253
Johnson Valley	5/31	0	0.0	--	0.0						

+ 1958-1972 period

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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): 2 yrs ago	CURRENT INFORMATION: Date of Reading	CURRENT INFORMATION: Month's Precipitation	CURRENT INFORMATION: Average +	FROM APPROX. OCT 1 TO DATE: This Year	FROM APPROX. OCT 1 TO DATE: Average +	FROM APPROX. OCT 1 TO DATE: Percent of Average
SOUTHEASTERN UTAH DRAINAGES											
Buckboard Flat	5/28	6	2.5	0.0	0.0	5/28	5.60	1.94	27.18	22.83	119
Camp Jackson	5/28	0	0.0	0.0	0.0	5/28	3.41	1.56	24.40	20.76	117
LaSal Mountain (lower)				0.0	0.0						
LaSal Mountain (upper)	5/27	33	15.9	0.0	2.3	5/27	4.92	2.21	32.92	19.38	170
Monticello City Park				0.0	0.0						
ESCALANTE RIVER											
Widtsoe-Escalante #3	5/31	13	4.8	2.4	0.0	5/31	3.10a	1.81	27.93	17.02	148
VIRGIN RIVER											
Kolob-Crystal	5/30	37	17.1	14.6a	22.8	5/30	5.40e	--	39.50e	--	--
Long Valley Junction	5/30	0	0.0	0.0	0.0						
Webster Flat	5/30	27	13.3	--	11.4	5/30	3.53	1.90b	41.43	24.98b	166

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

ADDITIONS AND CORRECTIONS TO PREVIOUSLY PUBLISHED 1980 DATA

JANUARY 1, 1980

No corrections

FEBRUARY 1, 1980

No corrections

MARCH 1, 1980

Beaver Dams	2/27	42	13.4
Clear Creek #1	2/27	72	21.8
Clear Creek #2	2/27	58	15.5
Duck Creek R.S.	3/2	70	22.5
Fish Lake	3/1	29	9.0
Johnson Valley	3/1	37	11.1
Kimberly Mine	2/26	68	18.6
Mammoth-Cottonwood	2/28	77	23.1
Merchant Valley	2/26	58	17.9

APRIL 1, 1980

No corrections

MAY 1, 1980

Widtsoe-Escalante	5/4	37	15.2
Farview	5/6	15	7.1
Rainbow Point	5/6	23	10.4

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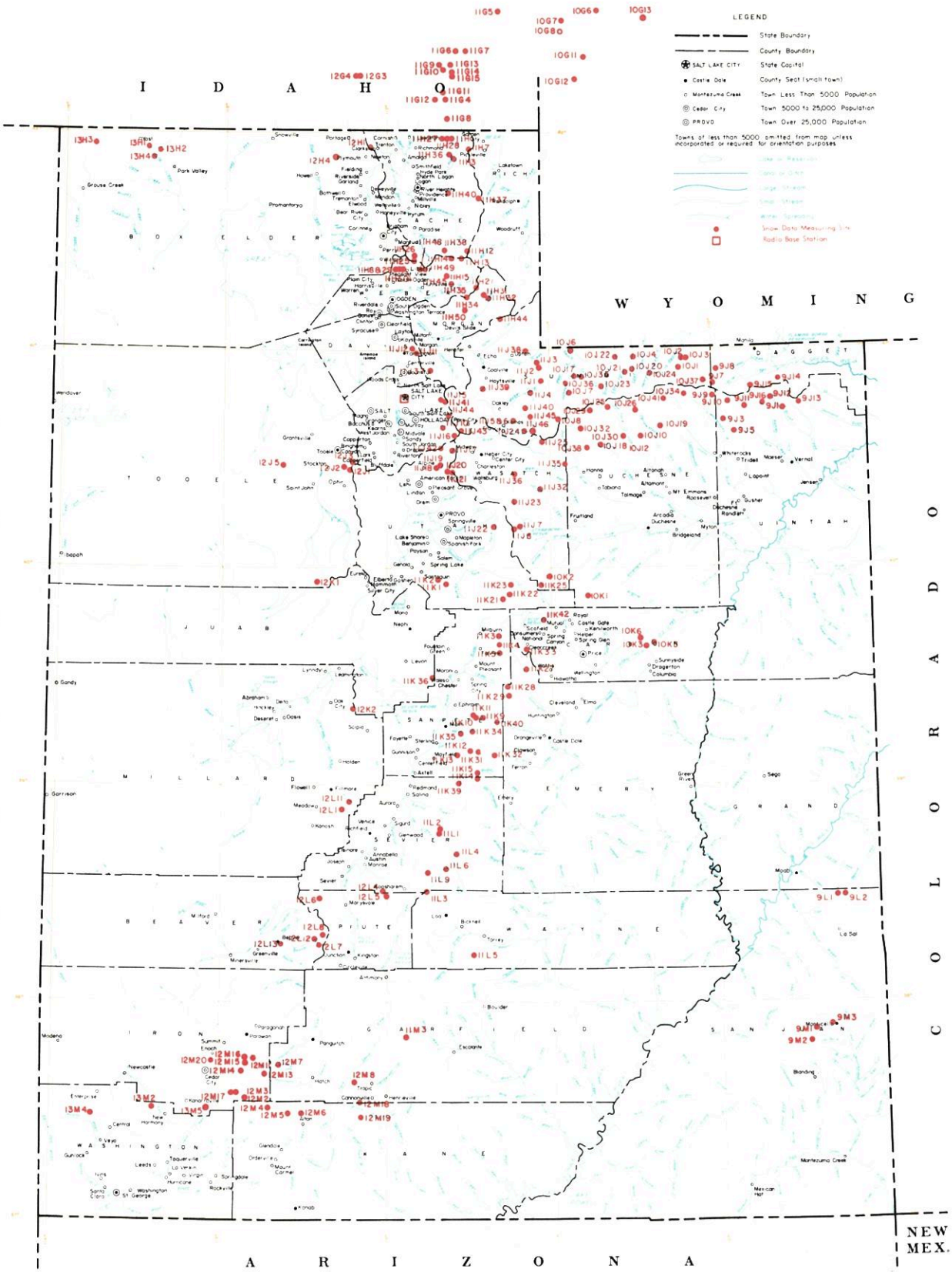
+ 1958-1972 period



SNOW COURSES AND RELATED DATA MEASURING SITES

UTAH

1980

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 1979 M7-OL-22027

INDEX TO UTAH, BEAR & UPPER COLORADO RIVER BASINS

GREAT BASIN DRAINAGE

NO.	STATE	NAME	SEC	TWP	RGE	ELEV
		UPPER BEAR RIVER (above Harer, Idaho)				
10G11	W	Big Park	7	27N	117W	8,700
10J6P	U	Burts-Miller Ranch	19	3N	10E	7,900
10G7	W	CCC Camp x	9	29N	118W	7,500
10J36p	U	Gold Hill	15	1N	9E	10,000
10J7PST	U	Hayden Fork	25	1N	9E	9,400
10G12	W	Kelly Ranger Station	13	26N	118W	8,200
10J35p	U	Lily Lake	34	2N	10E	9,050
11H12PST	U	Monte Cristo R.S.	4	8N	4E	8,960
10G6	W	Poison Meadows x	29	30N	116W	8,500
10G8P	W	Salt River Summit x	32	29N	118W	7,900
10G13MP	W	Snyder Basin x	15	29N	115W	8,400
10J17P	U	Stillwater Camp	32	2N	10E	8,550
		LOWER BEAR RIVER (below Harer, Idaho)				
11H37pST	U	Bug Lake	18	11N	5E	7,950
11G11	I	Christensen Ranch	27	13S	41E	5,600
11H38p	U	Cinnamon Creek	5	8N	3E	7,300
12H1p	U	Clarkston Mountain	29	14N	2W	6,300
11G12	I	Cub River Ranger Station	5	15S	41E	5,400
11G14a	I	Dry Basin	30	13S	42E	7,900
12G4	I	Dry Creek Flat	31	13S	37E	6,350
11G6	I	Emigrant Summit	21	12S	42E	7,350
11G7	I	Emigration Canyon (mouth)	24	12S	42E	6,500
11G8MPST	I	Franklin Basin	1	16S	41E	8,000
11H7MP	U	Garden City Summit	34 & 35	14N	4E	7,600
11H40p	U	Herd Hollow	3	11N	3E	7,200
11G15a	I	Horseshoe Basin	31	13S	42E	8,000
11H1MP	U	Klondike Narrows	10	14N	3E	7,400
11G13	I	Liberty Springs	7	13S	42E	8,240
11H26	U	Little Bear (lower)	16	8N	1E	6,000
11H25PST	U	Little Bear (upper)	22	8N	1E	6,550
12G3	I	Oxford Mountain	32	13S	37E	6,800
11G5	I	Slug Creek Divide	15	10S	44E	7,225
11H27	U	Steep Hollow #1	7	14N	3E	8,500
11H28	U	Steep Hollow #2	9	14N	3E	7,700
11G9	I	Strawberry Creek	9	13S	41E	5,800
11G10	I	Strawberry Mink Divide	14	13S	41E	6,800
11H36PST	U	Tony Grove Lake	5	13N	3E	8,400
11H3MP	U	Tony Grove Ranger Station	11	13N	3E	6,250
11G4P	I	Willow Flat	2	15S	41E	6,100
		RAFT RIVER				
13H2a	U	Clear Creek Meadows	26	14N	14W	9,050
13H4PS	U	George Peak	4	13N	14W	9,000
13H1	U	One Mile Summit	17	14N	14W	7,330
13H3a	U	ViPont	17	14N	17W	7,670
		OGDEN RIVER				
11H14M	U	Beaver Creek-Skunk Creek	22	8N	3E	7,150
11H8PST	U	Ben Lomond Peak	3	7N	1W	8,000
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
		PROVO RIVER & UTAH LAKE (continued)				
11J25P	U	Soapstone R.S.	9	3S	8E	7,800
11J19	U	South Fork R.S.	24	4S	2E	6,100
11J18	U	Timpanogos Cave Camp	27	4S	2E	5,500
11J21PST	U	Timpanogos Divide	33	4S	3E	8,140
10J8PST	U	Trial Lake	5	2S	9E	9,960
		JORDAN RIVER & GREAT SALT LAKE				
12J2	U	Bevan's Cabin	24	4S	4W	6,450
12J5P	U	Deseret Peak	15	4S	7W	9,250
11J41P	U	Lamb's Canyon #2	21	1S	3E	7,500
12J3P	U	Middle Canyon	8	4S	3W	7,000
11J44	U	Mill Creek	25	1S	2E	6,950
11J10	U	Mill D South Fork	18	2S	3E	7,400
12J1P	U	Rocky Basin-Settlement Canyon	30	4S	3W	8,900
11J16P	U	Silver Lake (Brighton)	35	2S	3E	8,725
11J42	U	Snow Bird (Gad Valley)	18	3S	3E	9,700
12K1PST	U	Vernon Creek	21	10S	5W	7,500
		UPPER SEVIER RIVER (South of Richfield, Utah)				
12L4PST	U	Box Creek	33	26S	2W	9,300
12M8	U	Bryce Canyon	36	36S	4W	8,000
12M13PST	U	Castle Valley	23	36S	8W	9,580
12M4P	U	Duck Creek R.S.	11	38S	8W	8,700
12M18	U	Farview	32	37S	4W	8,200
12M5PST	U	Harris Flat	24	38S	7W	7,700
11L9p	U	High-Top Mountain	36	25S	1E	11,400
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

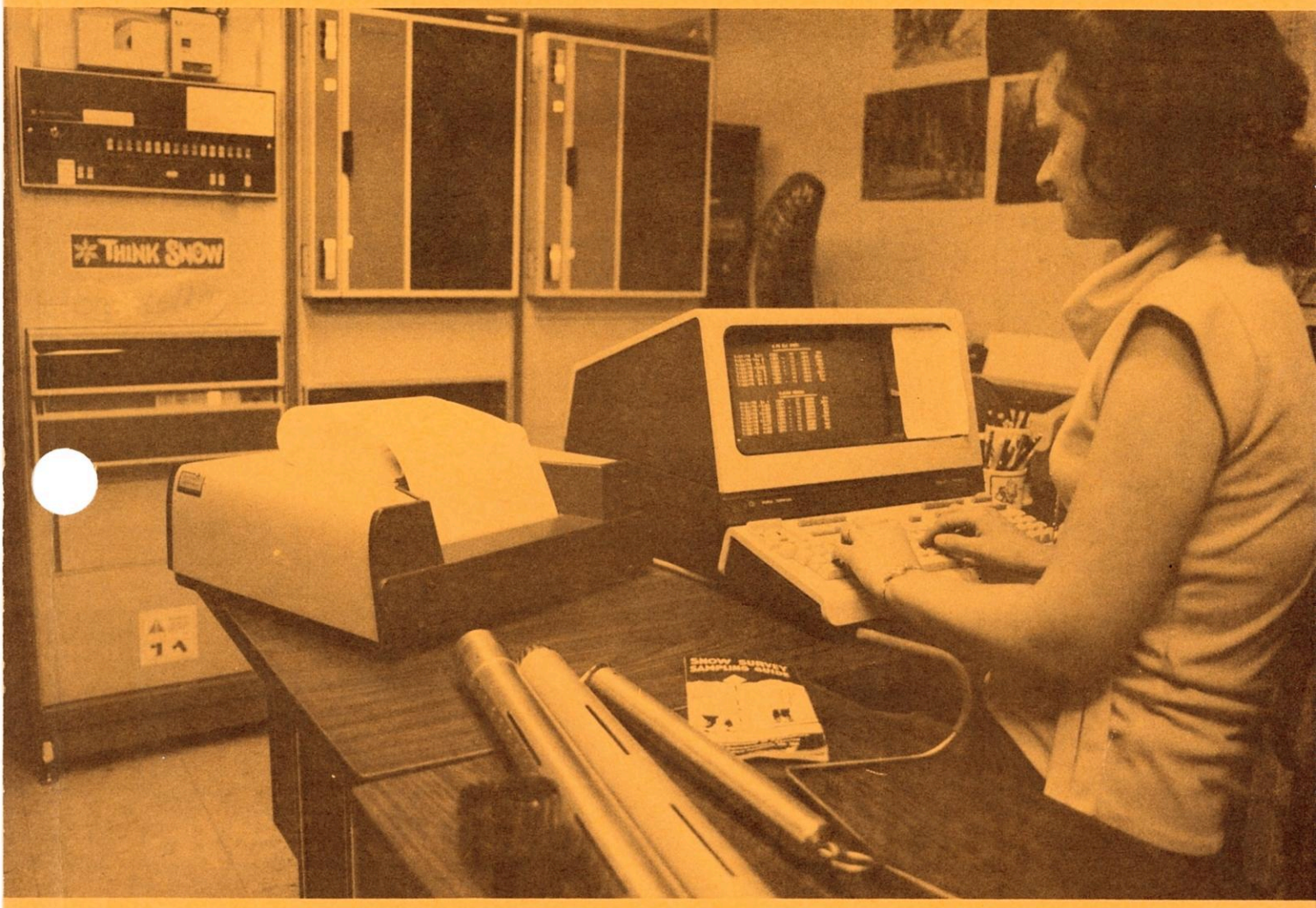
COLORADO RIVER DRAINAGE

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
		UPPER GREEN RIVER IN UTAH (above Duchesne River) (continued)				
9J1PST	U	King's Cabin (upper)	22	1S	21E	8,730
10J37p	U	McCoy Park	6	1N	17E	10,680
10J2	U	Middle Beaver Creek	31	3N	16E	8,650
9J10aP	U	Reynolds Park	9	1S	18E	10,400
9J7P	U	Spirit Lake	10	1N	17E	10,300
10J20PST	U	Steel Creek Park	17	2N	13E	10,100
9J16PST	U	Trout Creek	9	1S	20E	9,400
9J12ap	U	Windy Park	2	1S	20E	9,400
		DUCHESNE RIVER				
10J41ap	U	Atwood Lake	13	4N	4W	10,840
10J30PST	U	Brown Duck Ridge	8	2N	6W	10,600
9J9ap	U	Chepeta-Whiterocks Lakes	3	4N	1W	10,350
11J32MPST	U	Currant Creek	26	1S	11W	8,000
11J23MPST	U	Daniels-Strawberry Summit	20	2S	12W	8,000
11J7P	U	East Portal	36	7S	6E	7,560
10J26ap	U	Five Point Lake	28	4N	5W	11,000
10K1PST	U	Indian Canyon	2	11S	10E	9,100
10J19P	U	Jackson Park	25	3N	4W	10,600
10J34p	U	Kidney Lake	28	5N	3W	11,000
10J25ap	U	Lakefork Basin	13	4N	7W	11,100
10J10PST	U	Lakefork Mountain	2 & 3	2N	5W	10,200
10J12	U	Lakefork Mountain #3	20	2N	4W	8,400
10J29ap	U	Lightning Lake	23	4N	8W	10,500
9J5PST	U	Mosby Mountain	33	3N	1E	9,500
9J3P	U	Paradise Park	7	3N	1E	10,100
10J18P	U	Rock Creek	21	2N	7W	7,900
10J32p	U	Shadow Lake	29	3N	8W	10,150
11J8PST	U	Strawberry Divide	2	4S	12W	8,400
11J35P	U	West Fork of the Duchesne	22	1N	11W	9,480
		PRICE RIVER				
10K5M	U	Corral	32	13S	14E	8,200
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	Snotel Data Site

Water Supply Outlook For Utah



SOIL CONSERVATION SERVICE
U.S. DEPARTMENT OF AGRICULTURE

Cooperating with

UTAH STATE DEPARTMENT of NATURAL RESOURCES

AS OF
OCT. 1, 1980

USDA SCS PORTLAND, OR 1979

WATER SUPPLY OUTLOOK FOR UTAH

and

FEDERAL - STATE - PRIVATE COOPERATIVE SNOW SURVEYS

Issued by

NORMAN A. BERG

ADMINISTRATOR
SOIL CONSERVATION SERVICE
WASHINGTON, D.C.

Released by

GEORGE D. McMILLAN

STATE CONSERVATIONIST
SOIL CONSERVATION SERVICE
SALT LAKE CITY, UTAH

In Cooperation with

UTAH STATE DEPT. OF NATURAL RESOURCES

DEE C. HANSEN
State Engineer
Division of Water Rights

DANIEL F. LAWRENCE
Director
Division of Water Resources

Report prepared by

BOB L. WHALEY, Snow Survey Supervisor
DAVID A. JOHNCOX, Hydrologic Technician
and
JOAN E. OLSEN, Clerk

SOIL CONSERVATION SERVICE
SNOW SURVEY SECTION
4420 FEDERAL BUILDING
SALT LAKE CITY, UTAH 84138

WATER SUPPLY OUTLOOK

SUMMARY

as of

October 1, 1980

```
* * * * * * * * * * * * * * * * * * * * * * *
* Utah's 1980 water supply was as good or    *
* better than forecast last May and ranged   *
* from "average" to "well above average."    *
* Reservoir storage is "above average" as    *
* of October 1 and fall soil moisture is     *
* improving with recent storms.              *
*                                            *
* * * * * * * * * * * * * * * * * * * * * * *
```

Delayed snow melt last spring produced more flow than forecast on many streams -- especially in central and southern Utah. Provisional flows provided by the U.S. Geological Survey indicates some northern Utah streams were slightly over forecast (Logan River) and some received more flow than forecast (Inflow to Pineview Reservoir). Others were very close or right on the forecast (East Canyon Creek).

Summer precipitation was again very short and fall soil moisture was drier than average. Storms after October 1 should improve this situation if enough moisture falls before watershed soils freeze.

Reservoir storage in 19 of the state's key irrigations facilities now totals 124% of the October 1 average and some reservoirs are better than twice the 15 year average for October 1, such as the three Sevier River Reservoirs. Others that have a very good carry-over supply are Strawberry, Utah Lake, Pineview, Steinaker, Starvation, and Minersville.

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

WATER SUPPLY OUTLOOK

Station	Forecast Period	May 1 Forecast (1000 A.F.)	Measured Flow for the Period (1000 A.F.)
BEAR RIVER			
Logan nr Logan (combined)	May-July	116	112.1
Blacksmith Fork nr Hyrum	May-July	39	46.5
Little Bear nr Paradise	May-June	24	42.3
WEBER-OGDEN RIVERS			
Weber nr Oakley	May-June	109	100.3
Chalk Creek nr Coalville	May-June	38	35.0
Lost Creek nr Croydon	May-June	15	19.3
East Canyon nr Porterville	May-June	22	22.0
South Fk Ogden nr Huntsville	May-June	54	64.0
Pineview Inflow	May-June	99	125.9
UTAH LAKE-JORDAN RIVER			
Provo nr Hailstone	May-July	137	122.6
Utah Lake Inflow	May-July	296	241.0
UINTAH BASIN & DAGGETT SCDs			
Ashley Cr nr Vernal	May-July	61	59.8
Lakefork below Moon Lake	May-July	78	79.3
Yellowstone nr Altonah	May-July	75	70.6
Uintah nr Neola	May-July	101	91.2
Whiterocks nr Whiterocks	May-July	62	65.6
SEVIER RIVER BASIN including BEAVER RIVER			
Sevier at Hatch	May-July	88	95.6
Sevier nr Kingston	May-July	54	82.3
East Fork Sevier nr Kingston	May-July	35	37.7
Piute Reservoir Inflow	May-July	91	120.0
Beaver River nr Beaver	May-July	33	44.9

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	1182.4	956.9	1091.1
	Woodruff Narrows	26.5	4.2	5.0e	12.0
Beaver River	Minersville (RkyFd)	23.3	14.6	10.1	5.2
Little Bear	Hyrum	15.3	10.1	5.9	8.7
	Porcupine	11.3	1.6	1.0	2.2
	Causey	6.9	2.3	1.1	1.6b
	Pineview	110.1	71.2	58.2	57.7
Provo	Deer Creek	149.7	103.4	80.4	100.9
Settlement Creek	Settlement Creek	1.2		0.0	--
	Vernon Creek	0.6		0.1	--
	Gunnison	18.2		0.1	3.6
	Otter Creek	52.5	39.9	35.0	18.7
	Piute	71.8	51.6	20.2	13.4
	Sevier Bridge	236.0	144.1	65.0	66.3
Spanish Fork	Strawberry	270.0	213.5	149.2	149.0
Utah Lake	Utah Lake	883.9	806.1	584.7	569.8
Weber	East Canyon	48.1	31.4	25.0	25.3
	Echo	73.9	34.7	10.2	27.6
	Lost Creek	20.0	15.4	12.8	13.8b
	Rockport	60.9	48.8	43.7	44.4
	Willard Bay	193.3	168.3	165.1	145.9
COLORADO RIVER BASIN					
Ashley Creek	Steinaker	33.3	21.8	10.1	16.4
Colorado	Blue Mesa	829.5	737.8	710.0	
	Lake Powell	25002.0	23084.0	21637.0	
Green	Flaming Gorge	3749.0	3077.5	2572.0	
Lakefork	Moon Lake	35.8	10.3	--	10.6
Price River	Scofield	65.8	47.5	41.2	34.0
San Juan	Navajo	1696.0	1555.0	1364.0	
San Rafael	Huntington North	3.9	0.9	0.2	1.0b
	Joe's Valley	54.6	42.4	36.9	38.6b
	Mill Site	16.7	9.3	1.3	--
Strawberry	Starvation	165.3	140.7	2.2	123.6b
Uintah	Bottle Hollow	11.3	10.8	--	10.2b
	b=less than 15 yrs.				

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

1980 WATER YEAR

STATION NAME	OCT.-DEC.		JANUARY		FEBRUARY		MARCH		APRIL		MAY		JUNE		JULY-SEPT.		TOTAL
BUG LAKE	12/31	8.10	1/31	8.80	2/29	3.80	3/31	4.10	4/30	1.90	5/31	3.50	6/30	2.00	9/30	2.00	34.20
BURTS-MILLER	12/28	4.54	1/31	4.16	2/27	2.57	3/24	1.68	4/25	.40	6/02	3.90			9/25	2.64	19.89
CLARKSTON MTN															9/30		46.36
FRANKLIN BASIN	12/31	14.29	1/31	11.11	2/29	0.70	3/31	0.90	4/30	7.94	5/31	6.35	6/30	4.22	9/30	7.41	52.92
GARDEN CTY SMT	12/26	6.46	2/03	9.63	2/25	3.27	4/02	3.82	4/28	1.50	5/28	4.18	7/07	2.98	9/25	2.34	27.72
GEORGE PEAK	12/31	8.78	1/30	8.10	2/27	5.18	3/27	2.48			5/12	6.08	6/24	8.78	9/30	3.90	43.30
HAYDEN FORK	12/28	7.88	1/31	8.30	2/26	4.88	3/24	3.45	4/24	2.30	6/2	4.55	6/24	. 0	9/16	3.40	34.76
HERD HOLLOW															9/25	33.72	33.72
LILY LAKE	12/28	6.19	1/31	6.27	2/26	3.82	3/24	2.70	4/24	1.80	6/11	3.57	6/24	.33	9/25	2.58	27.26
LITTLE BEAR UP	12/31	7.10	1/30	9.50	2/29	6.50	3/31	5.40	4/30	1.90	5/31	6.40	6/30	. 0	9/30	8.60	37.40
KLONDIKE NRWS	12/27	7.87	2/03	9.31	2/26	4.19	4/03	3.95	4/28	1.51	5/28	4.88	7/07	4.76	9/25	3.68	40.13
MONTE CRISTO	12/26	8.67	2/03	11.03	2/25	4.68	4/02	6.09	4/28	2.14	5/28	5.46	7/09	3.90	10/14	9.65	51.62
SALT RIVER SMT	12/26	5.19	1/30	6.93	2/28	3.44	3/27	3.30	4/29	2.37	5/29	5.07	6/30	2.19	10/16	3.06	31.55
STILLWATER CMP	12/28	5.60	1/31	6.40	2/27	3.19	3/24	2.51	4/25	1.60	6/2	3.50	6/24	. 0	9/25	.15	22.95
TONY GROVE LK	12/31	15.77	1/31	12.26	2/29	0.82	3/31	0.98	4/30	8.75	5/31	7.01	6/30	4.67	9/30	8.16	58.42
TONY GROVE RS	12/27	6.55	2/03	9.14	2/25	3.77	4/03	3.89	4/28	1.48	5/28	4.12	7/07	3.28	9/25	2.29	34.52
WILLOW FLAT	12/27	7.14	2/03	9.68	2/26	5.39	4/03	4.26	4/28	1.71	5/28	6.25	6/27	4.58	10/01	4.96	43.97

W E B E R - O G D E N R I V E R B A S I N S

BEN LOMOND TR	12/27	10.75	2/03	16.78	2/25	10.12	4/2	6.15	4/28	1.14	5/28	7.72	7/09	4.86	10/14	4.73	62.25
BEN LOMOND PK	12/27	13.74	2/03	21.21	2/25	12.73	4/2	7.69	4/28	1.33	5/28	9.74	7/09	6.23	9/14	5.89	78.56
CAUSEY DAM	12/26	6.03	2/02	7.08	2/25	3.16	4/2	3.45	4/28	1.08	5/28	4.59	7/09	3.00	10/01	2.28	30.67
CHALK CREEK 1	12/28	9.52	2/01	8.23	2/27	5.83	3/24	4.23	4/24	3.35	6/02	7.31	6/26	38.47	9/24	3.51	41.98
CHALK CREEK 2	12/28	6.01	2/01	5.21	2/27	3.62	3/24	2.78	4/24	1.99	6/02	4.72	6/26	24.33	9/24	3.40	27.73
CHALK CREEK 3	12/28	6.00	2/01	5.20	2/27	3.62	3/24	2.73	4/24	2.00	6/02	4.60	6/26	. 0	9/24	2.97	27.17
DRY BREAD POND	12/26	6.65	2/03	8.31	2/25	3.57	1/2	4.82	4/28	1.59	5/28	4.16	7/09	3.01	10/14	7.40	39.51
FARMINGTON GS	11/29	8.10	2/02	9.42	2/25	9.49	4/2	8.78	4/28	1.09	5/28	8.18			10/09	12.28	57.34
FARMINGTON LWR	12/26	7.85	2/02	8.50	2/25	9.18	4/2	8.52	4/28	.99	5/28	8.14			10/09	11.93	55.11
FRANCIS CANYON															9/29		30.35
GUILDERS PEAK															9/29		35.26
HORSE RIDGE	12/26	8.41	2/02	11.05	2/25	4.78	4/2	5.92	4/28	1.95	5/28	5.62	7/17	3.09	9/25	2.55	43.37
LOST CREEK	12/26	4.63	2/02	6.25	2/25	2.63	4/2	2.94	4/28	.89	5/28	3.39	7/16	1.56	9/29	1.45	23.74
PARLEY CYN SMT	12/27	7.24	2/01	7.12	2/28	5.87	3/27	5.96	4/29	2.70	5/30	3.94	6/27	.40	10/08	3.56	36.79
PINE CANYON															9/25		33.89
PORCUPINE													6/26	26.26	9/24	3.85	30.11
REDDEN MINE LW	12/26	6.02	2/01	6.51	2/26	5.00	3/24	4.03	4/25	2.05	6/02	4.65	6/25	. 0	9/23	2.70	30.93
SAGEBRUSH FLAT	12/26	6.29	2/02	8.11	2/25	3.47	4/02	3.06	4/28	1.16	5/28	4.39	7/9	3.05	10/01	2.22	31.77
SERGEANT LAKES													6/26	30.38	9/24	3.30	33.68
SMCMOREHOUSE	12/28	6.19	2/01	7.25	2/26	4.55	3/24	3.95	4/24	1.85			6/25	4.15	9/23	5.64	33.58
BEN LOMOND TRL	12/27	10.75	2/03	16.78	2/25	10.12	4/02	6.15	4/28	1.14	5/28	7.72	7/9	4.86	10/14	4.63	62.05

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

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

1980 WATER YEAR

STATION NAME	OCT.-DEC.		JANUARY		FEBRUARY		MARCH		APRIL		MAY		JUNE		JULY-SEPT.		TOTAL
U T A H L A K E - J O R D A N R I V E R B A S I N																	
CLEAR CR RDG 2	12/29	6.57	2/02	7.40	2/27	4.63	3/26	4.10			5/28	5.08			9/11	5.15	32.31
DANIEL-STR SMT	12/29	6.29	2/02	11.57	2/27	6.45	3/26	5.21	5/03	2.05	5/29	3.02	6/23	. 3	9/22	2.92	37.54
DUTCHMAN RS	12/28	2.55	2/01	14.85	2/28	21.01	0/32	8 .53	5/42	9 .12	5/52	9 .41	0/	.	92 5	30	64.12
EAST PORTAL	12/31	5.36	1/30	8.63	2/28	6.18	3/31	4.02	5/01	1.08	6/01	3.04	7/8	.24	9/30	2.77	31.32
HOBBLE CK SMT	12/29	5.92	2/02	8.55	2/27	7.32	3/26	3.94	5/03	2.06	5/29	3.50			9/26	3.65	34.86
LAKE CREEK	11/02	2.98											6/23	32.66	9/22	3.15	38.79
LAMBS CANYON	12/27	6.18	1/31	6.77	2/28	4.47	3/28	4.07	5/01	2.30	5/30	3.24	7/1	1.45	10/08	2.62	31.10
MIDDLE CANYON	12/28	5.77	1/31	3.90	2/29	5.20	3/29	8.80	4/29	3.20	5/30	4.20			9/30	2.15	33.22
PAYSON RS	12/28	7.94	2/02	6.52	2/27	5.84	3/26	3.38			5/29	3.41	6/17	. 0	9/29	2.35	29.44
ROCKY BASIN-SC							3/26	36.82	5/02	4.80	5/30	5.00			9/22	2.15	48.77
SOAPSTONE RS	12/26	5.40	2/1	8.48	2/26	3.69	3/26	3.45	4/24	1.60	6/02	2.75	6/25	. 0	9/25	3.32	28.69
TIMPANOGOS DIV	12/28	6.00	1/31	17.95	2/27	11.05	3/27	5.70	4/29	1.15	5/29	5.95	7/01	.30	9/24	4.30	52.40
TRIAL LAKE	12/26	7.72	1/31	12.93	2/26	7.40	3/26	4.65	4/24	2.35	6/02	4.70	6/24	. 0	9/25	1.54	41.29
VERNON CREEK	12/28	2.36	1/30	9.20	2/28	6.50	3/28	4.70	4/30	1.70	6/06	5.20	7/01	. 0	9/23	2.39	32.05
D U C H E S N E - G R E E N R I V E R B A S I N																	
ASHLEY TWIN LK															10/02		17.29
ATWOOD LAKE															8/15		18.99
BLACKS FK JCT	12/28	6.00	1/31	4.87	2/27	3.12	3/24	2.03	4/24	3.10			6/24	2.17	9/25	2.41	23.70
BROWN DUCK RDG	12/26	.15	2/01	13.55	2/26	4.65	3/26	3.60	4/25	1.95	6/02	5.55	6/30	2.50	9/26	4.70	34.15
BUCK PASTURE															9/25		32.25
BURNT CREEK	12/26	6.70	1/31	2.20	2/28	2.00	3/26	1.50	4/28	2.35	6/04	4.75	7/01	.15	9/30	3.40	24.40
CHEPETA WTROCK															9/29		25.15
CURRANT CREEK	12/29	4.17	2/02	9.28	2/27	5.54	3/26	3.32	5/03	1.53	5/29	2.88	6/23	.15	9/22	2.18	29.05
E FK BLACKS FK	12/28	5.30	1/31	4.28	2/27	3.10	3/24	2.45	5/03	2.40			6/24	3.64	9/25	2.43	23.60
FIVE POINT LK															8/14		28.57
GRIZZLY RIDGE	12/26	6.88	1/31	5.57	2/28	3.80	3/26	3.30	4/26	2.00	6/04	4.70	7/01	.45	9/30	4.10	30.80
HENRYS FORK															9/26		27.60
HICKERSON PARK		13	1/ 7	60.22	7/ 2	62.32	4/ 1	63.42	4/ 2	55.			7/01	5.30	9/30	4.40	24.10
HEWINTA GS	12/28	6.38	1/31	5.02	2/27	3.00			4/24	4.25			6/24	4.00	9/25	2.56	25.21
INDIAN CANYON	12/29	3.35	2/02	7.78	2/28	6.33	3/27	2.94	5/03	1.81	5/28	3.81			9/19	5.43	31.45
JACKSON PARK	12/28	3.95	2/01	9.55	2/26	3.55	3/26	3.53	4/25	2.15	6/02	6.55			9/26	6.16	35.46
KIDNEY LAKES															9/26		30.83
KINGS CABIN UP	12/27	6.00			2/27	8.15	3/25	3.39	4/24	1.65	6/02	5.50	7/01	.10	9/30	4.40	29.19
LAKEFORK BASIN															6/12		37.15
LAKEFORK MTN 1	12/26	3.70	2/01	8.40	2/26	3.56	3/26	2.86	4/26	1.85	6/02	4.15	7/17	.90	9/30	4.40	29.82

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

1980 WATER YEAR

STATION NAME	OCT.-DEC.		JANUARY		FEBRUARY		MARCH		APRIL		MAY		JUNE		JULY-SEPT.		TOTAL
LIGHTNING LAKE															9/30		27.70
MOSBY MOUNTAIN	12/26	4.15	2/01	7.95	2/26	3.50			4/25	5.65	6/02	8.90	6/30	.0	10/02	6.50	36.65
PARADISE PARK	12/26	4.05	2/01	5.80	2/26	3.60	3/25	4.45	4/26	2.40	6/02	8.30	6/30	.0	10/02	5.42	34.02
REYNOLDS PARK															9/26		26.83
ROCK CREEK	12/26	2.97	2/01	7.85	2/28	3.98	3/26	2.42	4/26	1.85	6/02	3.45			9/30	4.17	26.59
SPIRIT LAKE	12/28	7.11	1/31	3.94	2/27	3.85	3/25	3.50	4/24	3.45	6/02	10.30	7/01	.0	9/30	4.20	36.35
STEEL CRK PARK													6/24	19.89	9/30	3.60	23.49
TROUT CREEK	12/29	6.10	1/31	5.17	2/27	3.33	3/25	3.25	4/24	2.25	6/02	5.50	7/01	.0	9/25	0.80	26.40
W FK DUCHESNE													6/23	32.63	9/22	2.73	35.36
P R I C E - S A N R A F A E L R I V E R B A S I N																	
BLACKS FLAT-UM	12/30	4.86	2/3	4.89	3/01	3.91	3/29	4.46	5/04	2.12	5/31	2.09	6/19	.0	9/26	2.70	25.03
BUCKBOARD FLAT	1/02	7.95	1/28	6.55	2/26	7.36	3/25	3.48	4/24	2.92	5/28	5.60	6/25	.0	10/14	2.75	29.93
BUCK FLAT	12/28	6.15	2/01	7.15	2/27	7.17	3/26	5.19	5/02	3.02	5/28	4.51	7/02	.0	9/30	4.40	37.59
CAMP JACKSON	1/02	7.22	1/28	7.09	2/26	9.90	3/25	4.92	4/24	1.80	5/28	3.41	6/25	.0	10/14	3.42	27.82
DILLS CAMP	12/28	5.10	2/01	5.30	2/27	6.03	3/26	3.91	5/02	2.89	5/28	4.71	7/14	.53	9/30	4.58	33.06
FISH LAKE	12/30	3.04	2/03	4.40	3/01	3.26	3/25	2.27	5/04	2.72	5/31	2.79	6/27	.0	9/25	4.30	22.78
GOOSEBERRY RES	12/29	6.81	2/01	8.36	2/28	7.89	3/27	6.17	5/03	2.03	5/28	5.63			9/30	4.00	40.89
LASAL MTN UPR	1/03	6.20	1/30	4.80	2/28	6.08	3/26	8.00	4/28	2.92	5/27	4.92	6/26	.5	10/15	5.70	38.67
MUD CREEK	12/29	5.42	2/01	6.78	2/28	5.98	3/27	4.47	5/02	2.52	5/28	3.10	7/03	.57	9/23	3.10	31.94
ORANGE OLSEN	12/28	1.90	2/01	4.50	2/28	4.57	3/28	2.27	5/02	1.78	5/28	1.82	7/01	.0	9/24	3.70	20.54
RED PINE RIDGE	12/29	5.60	2/01	6.98	2/28	7.55	3/28	5.42	5/02	3.26	5/28	3.15	7/03	.0	9/25	3.40	35.36
STUART RS OLD	12/29	2.72	2/01	5.44	2/28	5.55	3/27	2.31	5/02	3.15	5/28	2.72	7/03	.52	9/24	3.35	25.76
WHITE RIVER #1	12/29	4.30	2/02	6.69	2/28	4.66	3/27	3.30	5/03	2.12	5/28	3.45	7/03	.56	9/19	6.95	32.03
S E V I E R - B E A V E R R I V E R B A S I N S																	
BEAVER DAMS	12/28	5.73	2/01	3.99	2/27	5.24	3/26	4.44	5/02	3.24	5/28	3.51	6/18	.0	9/29	3.98	30.03
BIG FLAT	12/27	4.45	1/31	7.71	2/26	8.35	3/25	5.41	4/30	2.64	5/27	8.09	7/07	.53	9/26	4.01	41.19
BOX CREEK	12/27	5.02	1/31	5.92	3/01	4.97	3/25	4.13	5/02	3.45	5/31	3.96			9/25	5.65	33.10
CASTLE VALLEY	12/27	4.56	1/31	5.66	2/26	6.37	3/25	4.18	4/30	2.82	5/27	3.21	6/27	.0	9/29	4.55	31.35
DUCK CREEK	12/30	4.28	2/03	11.71	3/02	9.74	3/29	5.90	5/04	1.74	5/30	3.53	6/27	.0	9/29	7.70	44.60
FARNSWORTH LK	12/30	9.84	2/03	4.69	3/01	4.22	3/28	6.60	4/30	2.94	5/31	4.95	6/27	.0	9/26	5.30	38.54
GBRC HEADQTRS	12/28	9.15	2/02	4.66	2/27	7.68	3/26	5.50	5/02	3.45	5/28	4.82	7/02	.16	10/01	4.72	40.14
GBRC MAJORS	12/28	5.20	2/02	2.32	2/27	5.43	3/31	4.00	5/06	1.25	5/28	3.50	7/02	.5	10/01	3.35	25.10
GBRC MEADOWS	12/28	9.34	2/02	6.64	2/27	8.90	3/26	6.10	5/02	4.22	5/28	4.90	7/02	.12	10/01	5.25	45.46
GBRC OAKS	12/28	6.21	2/02	2.59	2/27	6.06	3/31	4.85	5/06	1.50	5/28	4.00	7/02	.15	10/01	3.55	28.91
GOOSEBERRY RS	12/30	7.21	2/03	3.14	3/01	2.87	3/28	4.66	5/01	2.66	5/31	4.57	6/20	.2	9/26	4.85	29.95
HI-TOP MTN															7/15		27.94

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

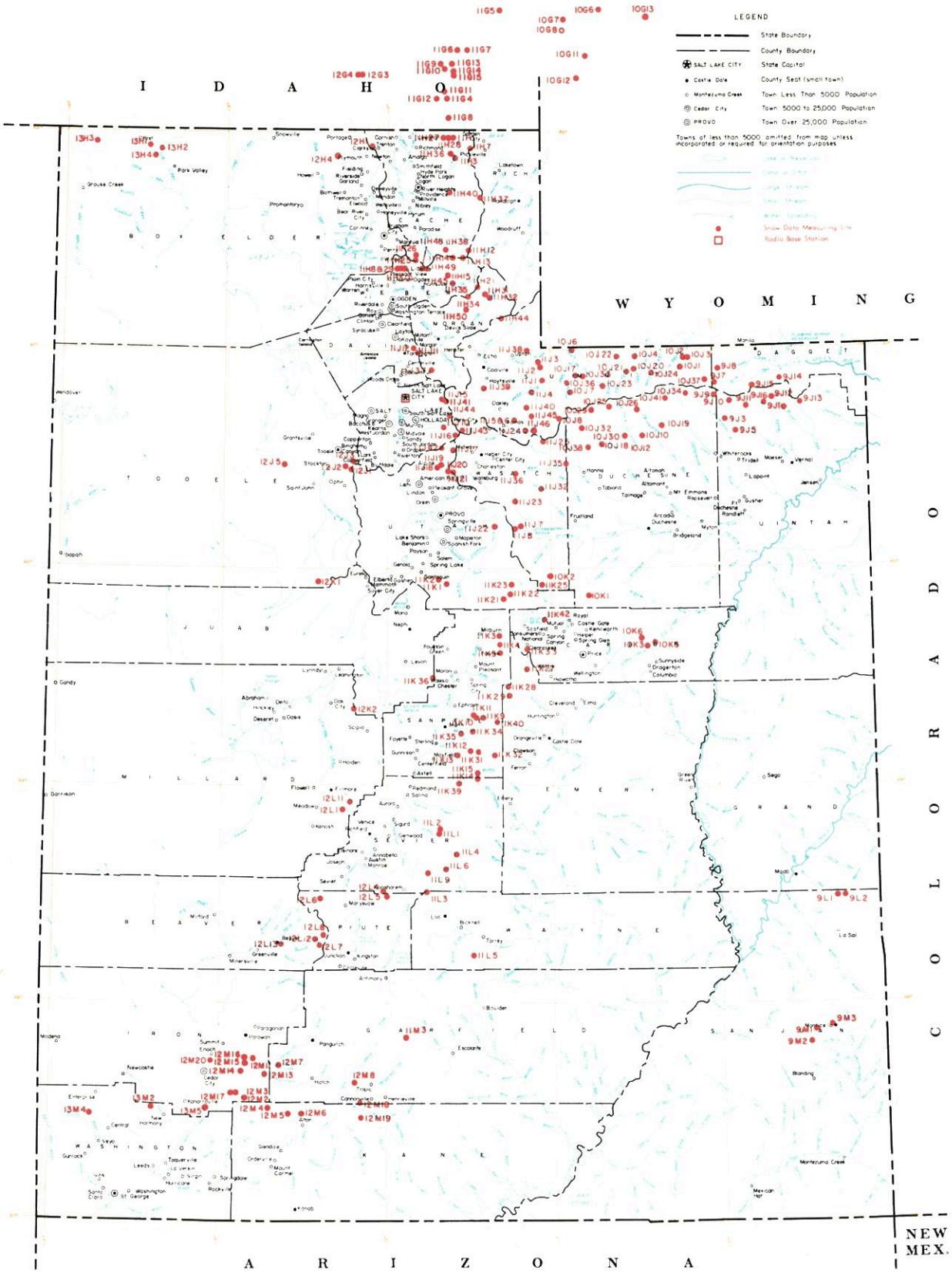
U T A H P R E C I P I T A T I O N D A T A

1980 WATER YEAR

STATION NAME	OCT.-DEC.		JANUARY		FEBRUARY		MARCH		APRIL		MAY		JUNE		JULY-SEPT.		TOTAL
KIMBERLY MINE	12/27	6.22	1/31	7.06	2/26	6.54	3/25	4.79	4/30	3.58	5/27	5.81	7/07	1.11	9/26	5.72	40.83
MERCHANT VALLY	12/27	4.04	1/31	6.14	2/26	6.97	3/25	4.85	4/30	1.99	5/27	8.56	7/07	2.71	9/26	3.97	39.23
MIDWAY VALLEY	12/30	4.85	2/03	10.13	3/02	10.04	3/29	4.78	5/04	1.91	5/30	2.93					
MT BALDY RS	12/28	6.25	2/03	6.16	2/27	6.90	3/26	5.31	5/02	3.52	5/28	4.35	6/30	.0	9/29	4.90	37.39
OAK CREEK					2/28	20.35	3/27	2.65	5/01	3.52	6/05	5.62	7/01	.37	9/30	2.57	35.08
PANGUITCH LAKE	12/27	2.71	1/31	2.84	2/26	4.17	3/25	1.84	4/30	1.43	5/27	2.15	6/27	.0	9/29	4.44	19.58
PICKLE KEG SPG	12/31	8.00	1/31	4.60	2/29	5.90	3/31	7.50	4/30	2.20	5/31	2.90	6/30	.0	9/30	4.10	35.20
PINE CREEK	12/27	8.43	1/31	4.94	2/26	4.85	3/25	5.13	5/04	5.30	5/29	6.40	6/30	.0	9/25	3.90	39.85
REES FLAT	12/28	6.06	2/02	4.93	2/27	6.73	3/26	4.83	5/04	2.98	5/29	4.77	7/01	.0	9/30	3.10	33.74
SHINGLE MILL					2/28	14.57	3/27	3.60	5/01	3.30	6/02	5.40	6/30	.0	9/29	3.15	30.02
WIDTSOE-ESCL 3	12/30	14.93	2/03	5.22	3/02	5.51	3/29	4.20	5/04	4.97	5/31	3.10	6/25	.0	9/29	7.41	49.34

C O A L C R E E K - V I R G I N - E S C A L A N T E R I V E R B A S I N S

KOLOB CRYSTAL	12/31	3.10	1/31	12.30	2/29	6.50	3/31	0.80	4/30	9.70	5/31	1.90	6/30	1.10	9/30	9.80	45.20
LITTLE GRASSY	12/30	2.61	2/03	6.11	3/02	10.53	3/29	4.81	4/29	1.08	5/30	2.81					
LONG FLAT	12/30	3.87	2/03	6.30	3/02	6.84	3/29	4.59	4/29	1.20	5/30	2.52					
TALL POLES	12/28	6.70	1/31	5.15	2/28	3.25	3/31	6.15	4/30	2.20	5/30	3.50			9/30	6.10	33.05
WEBSTER FLAT	12/30	5.79	2/03	11.70	3/02	11.84	3/29	6.99	4/29	1.56	5/30	3.53					
YANKEE RESVR	12/27	6.04	1/31	3.42	2/26	4.22	3/25	3.75	4/30	2.42	5/27	2.17			9/30	3.89	25.91



SNOW COURSES AND RELATED DATA MEASURING SITES

UTAH

1980

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. 1979 M7-OL-22027

INDEX TO UTAH, BEAR & UPPER COLORADO RIVER BASINS

GREAT BASIN DRAINAGE

NO.	STATE	NAME	SEC.	TWP.	RGE.	ELEV.
		UPPER BEAR RIVER (above Harer, Idaho)				
10G11	W	Big Park	7	27N	117W	8,700
10J6P	U	Burts-Miller Ranch	19	3N	10E	7,900
10G7	W	CCC Camp x	9	29N	118W	7,500
10J36p	U	Gold Hill	15	1N	9E	10,000
10J7PST	U	Hayden Fork	25	1N	9E	9,400
10G12	W	Kelly Ranger Station	13	26N	118W	8,200
10J35p	U	Lily Lake	34	2N	10E	9,050
11H12PST	U	Monte Cristo R.S.	4	8N	4E	8,960
10G6	W	Poison Meadows x	29	30N	116W	8,500
10G8P	W	Salt River Summit x	32	29N	118W	7,900
10G13MP	W	Snyder Basin x	15	29N	115W	8,400
10J17P	U	Stillwater Camp	32	2N	10E	8,550
		LOWER BEAR RIVER (below Harer, Idaho)				
11H37pST	U	Bug Lake	18	11N	5E	7,950
11G11	I	Christensen Ranch	27	13S	41E	5,600
11H38p	U	Cinnamon Creek	5	8N	3E	7,300
12H1p	U	Clarkston Mountain	29	14N	2W	6,300
11G12	I	Cub River Ranger Station	5	15S	41E	5,400
11G14a	I	Dry Basin	30	13S	42E	7,900
12G4	I	Dry Creek Flat	31	13S	37E	6,350
11G6	I	Emigrant Summit	21	12S	42E	7,350
11G7	I	Emigration Canyon (mouth)	24	12S	42E	6,500
11G8MPST	I	Franklin Basin	1	16S	41E	8,000
11H7MP	U	Garden City Summit	34 & 35	14N	4E	7,600
11H40p	U	Herd Hollow	3	11N	3E	7,200
11G15a	I	Horseshoe Basin	31	13S	42E	8,000
11H1MP	U	Klondike Narrows	10	14N	3E	7,400
11G13	I	Liberty Springs	7	13S	42E	8,240
11H26	U	Little Bear (lower)	16	8N	1E	6,000
11H25PST	U	Little Bear (upper)	22	8N	1E	6,550
12G3	I	Oxford Mountain	32	13S	37E	6,800
11G5	I	Slug Creek Divide	15	10S	44E	7,225
11H27	U	Steep Hollow #1	7	14N	3E	8,500
11H28	U	Steep Hollow #2	9	14N	3E	7,700
11G9	I	Strawberry Creek	9	13S	41E	5,800
11G10	I	Strawberry Mink Divide	14	13S	41E	6,800
11H36PST	U	Tony Grove Lake	5	13N	3E	8,400
11H3MP	U	Tony Grove Ranger Station	11	13N	3E	6,250
11G4P	I	Willow Flat	2	15S	41E	6,100
		RAFT RIVER				
13H2a	U	Clear Creek Meadows	26	14N	14W	9,050
13H4PS	U	George Peak	4	13N	14W	9,000
13H1	U	One Mile Summit	17	14N	14W	7,330
13H3a	U	ViPont	17	14N	17W	7,670
		OGDEN RIVER				
11H14M	U	Beaver Creek-Skunk Creek	22	8N	3E	7,150
11H8PST	U	Ben Lomond Peak	3	7N	1W	8,000
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
		PROVO RIVER & UTAH LAKE (continued)				
11J25P	U	Soapstone R.S.	9	3S	8E	7,800
11J19	U	South Fork R.S.	24	4S	2E	6,100
11J18	U	Timpanogos Cave Camp	27	4S	2E	5,500
11J21PST	U	Timpanogos Divide	33	4S	3E	8,140
10J8PST	U	Trial Lake	5	2S	9E	9,960
		JORDAN RIVER & GREAT SALT LAKE				
12J2	U	Bevan's Cabin	24	4S	4W	6,450
12J5P	U	Deseret Peak	15	4S	7W	9,250
11J41P	U	Lamb's Canyon #2	21	1S	3E	7,500
12J3P	U	Middle Canyon	8	4S	3W	7,000
11J44	U	Mill Creek	25	1S	2E	6,950
11J10	U	Mill D South Fork	18	2S	3E	7,400
12J1P	U	Rocky Basin-Settlement Canyon	30	4S	3W	8,900
11J16P	U	Silver Lake (Brighton)	35	2S	3E	8,725
11J42	U	Snow Bird (God 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
11K3S	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
		UPPER GREEN RIVER IN UTAH (above Duchesne River) (continued)				
9J1PST	U	King's Cabin (upper)	22	1S	21E	8,730
10J37p	U	McCoy Park	6	1N	17E	10,680
10J2	U	Middle Beaver Creek	31	3N	16E	8,650
9J10aP	U	Reynolds Park	9	1S	18E	10,400
9J7P	U	Spirit Lake	10	1N	17E	10,300
10J20PST	U	Steel Creek Park	17	2N	13E	10,100
9J16PST	U	Trout Creek	9	1S	20E	9,400
9J12ap	U	Windy Park	2	1S	20E	9,400
		DUCHESNE RIVER				
10J41ap	U	Atwood Lake	13	4N	4W	10,840
10J30PST	U	Brown Duck Ridge	8	2N	6W	10,600
9J9ap	U	Chepeta-Whiterocks Lakes	3	4N	1W	10,350
11J32MPST	U	Currant Creek	26	1S	11W	8,000
11J23MPST	U	Daniels-Strawberry Summit	20	2S	12W	8,000
11J7P	U	East Portal	36	7S	6E	7,560
10J26ap	U	Five Point Lake	28	4N	5W	11,000
10K1PST	U	Indian Canyon	2	11S	10E	9,100
10J19P	U	Jackson Park	25	3N	4W	10,600
10J34p	U	Kidney Lake	28	5N	3W	11,000
10J25ap	U	Lakefork Basin	13	4N	7W	11,100
10J10PST	U	Lakefork Mountain	2 & 3	2N	5W	10,200
10J12	U	Lakefork Mountain #3	20	2N	4W	8,400
10J29ap	U	Lightning Lake	23	4N	8W	10,500
9J5PST	U	Mosby Mountain	33	3N	1E	9,500
9J3P	U	Paradise Park	7	3N	1E	10,100
10J18P	U	Rock Creek	21	2N	7W	7,900
10J32p	U	Shadow Lake	29	3N	8W	10,150
11J8PST	U	Strawberry Divide	2	4S	12W	8,400
11J35P	U	West Fork of the Duchesne	22	1N	11W	9,480
		PRICE RIVER				
10K5M	U	Corral	32	13S	14E	8,200
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	Snotel Data Site.