United States
Department of
Agriculture

Soil
Conservation
Service

Salt Lake City
Utah

WATER SUPPLY OUTLOOK FOR UTAH

in Cooperation with Utah State
Department of Natural Resources

January 1, 1981

WATER SUPPLY OUTLOOK FOR UTAH

and

FEDERAL - STATE - PRIVATE COOPERATIVE SNOW SURVEYS

Issued by

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SALT LAKE CITY, UTAH

In Cooperation with

UTAH STATE DEPT. OF NATURAL RESOURCES

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

WATER SUPPLY OUTLOOK

as of
January 1, 1981

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* * * * * * * * * * * * * * * * * * * * * * * * * * *
* Utah's 1981 water supply outlook ranges from below *
* average to near average.  Snow cover varies from   *
* 22% to 68% of the January 1 average on drier than  *
* average soils.  Reservoir storage is 122% of the 15 *
* year average and 126% of last year at this time.   *
* Streamflow forecasts range from 47% to 159% of the *
* April-July average.                                 *
*                                                     *
* * * * * * * * * * * * * * * * * * * * * * * * * * *
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SNOW COVER

Snow surveys taken the last week of December were well below average again this year.

Basin average snow water content ranges from 22% of the January 1 average on the Virgin River to 68% on the Uintah-Whiterocks Rivers. San Rafael basin is 23% of average and the Upper Sevier 29%. Lower Sevier is 97% and the Beaver River 55%.

All northern Utah basins are 40 to 50% of the January 1 average.

Usually by January 1, 42% of the average April 1 maximum is on the ground. This year we have only 17%. Last year we had 27% on January 1 but gained rapidly after January 10 and were 154% statewide by April 1.

PRECIPITATION

Fall precipitation is generally 40 to 80% of the October-December average. Very little rain fell prior to October 11 when the first snow fell at the medium and higher elevations of the state. Storms have been spotty since that time leaving most areas well below average.

SOIL MOISTURE

Watershed soils follow the fall precipitation pattern and are generally much drier than average.

RESERVOIR STORAGE

Storage in 25 of Utah's key irrigation reservoirs is 122% of average and 26% better than last year at this time. Several reservoirs are already concerned with releasing water to make room for spring runoff. Storage water is generally very good this year.

WATER SUPPLY OUTLOOK (continued)

STREAMFLOW FORECASTS

Streamflow forecasts for the April-July period range from 47% of average for the Strawberry and Duchesne to 159% for the Sevier at Piute Dam. Carry-over flow in southern Utah is holding most forecasts higher than present snow cover indicates. The Sevier at Hatch is 85%, Circleville 125%, Kingston 146%, and East Fork 79%. Beaver River is forecast 100% at Beaver, 102% for North Creeks, and 106% for the Inflow to Minersville Reservoir. Gunnison Reservoir has been releasing water down the San Pitch and the forecast for the Sevier at Gunnison is 146% of average. Sevenmile Creek below Fish Lake is forecast 70% of average, Muddy River 48%, Ferron Creek 65%, Cottonwood Creek 64%, Huntington Creek 85%, Price River 69%, and Scofield Inflow 75% of average.

Uintah Basin streams range from 47% on Strawberry to 88% on Whiterocks. Ashley Creek is 84%, Lakefork 76%, Currant Creek 52% and Strawberry Inflow 62%.

Utah Lake Inflow is forecast 76% of average and releasing water to hold the level down prior to spring runoff. Provo River is forecast 72% at Hailstone, and 80% at Deer Creek Dam. Salt Lake Front streams are forecast from 80 to 90% of average.

The Weber River is forecast 86% at Oakley, 78% at Wanship, 77% at Coalville and 68% at Gateway. Chalk Creek is forecast 67%, Lost Creek 62%, East Canyon 52%, and Hardscrabble 77%.

The South Fork Ogden is forecast 68% and Pineview Inflow 57%.

Bear River forecasts range from 83% at State Line to 50% at Randolph and 75% at Harer, Idaho. Logan River is forecast 73%, Cub River 72%, Blacksmith Fork 67%, and Little Bear 66%. Water users with storage water are expected to have an average or better water supply this season. Water users on natural flow are expected to have reduced supplies unless above average snowfall occurs in the next 2 or 3 months.

The SNOTEL system is now fully operational with 63 automated data sites reporting twice daily readings. Graphs showing the early morning readings will be published in this monthly bulletin. A SNOTEL UPDATE will be mailed everly Friday to those requesting information.

WSFB-X2-L January 1, 1981

RESERVOIR STORAGE (Thousand Acre Feet) END OF MONTH

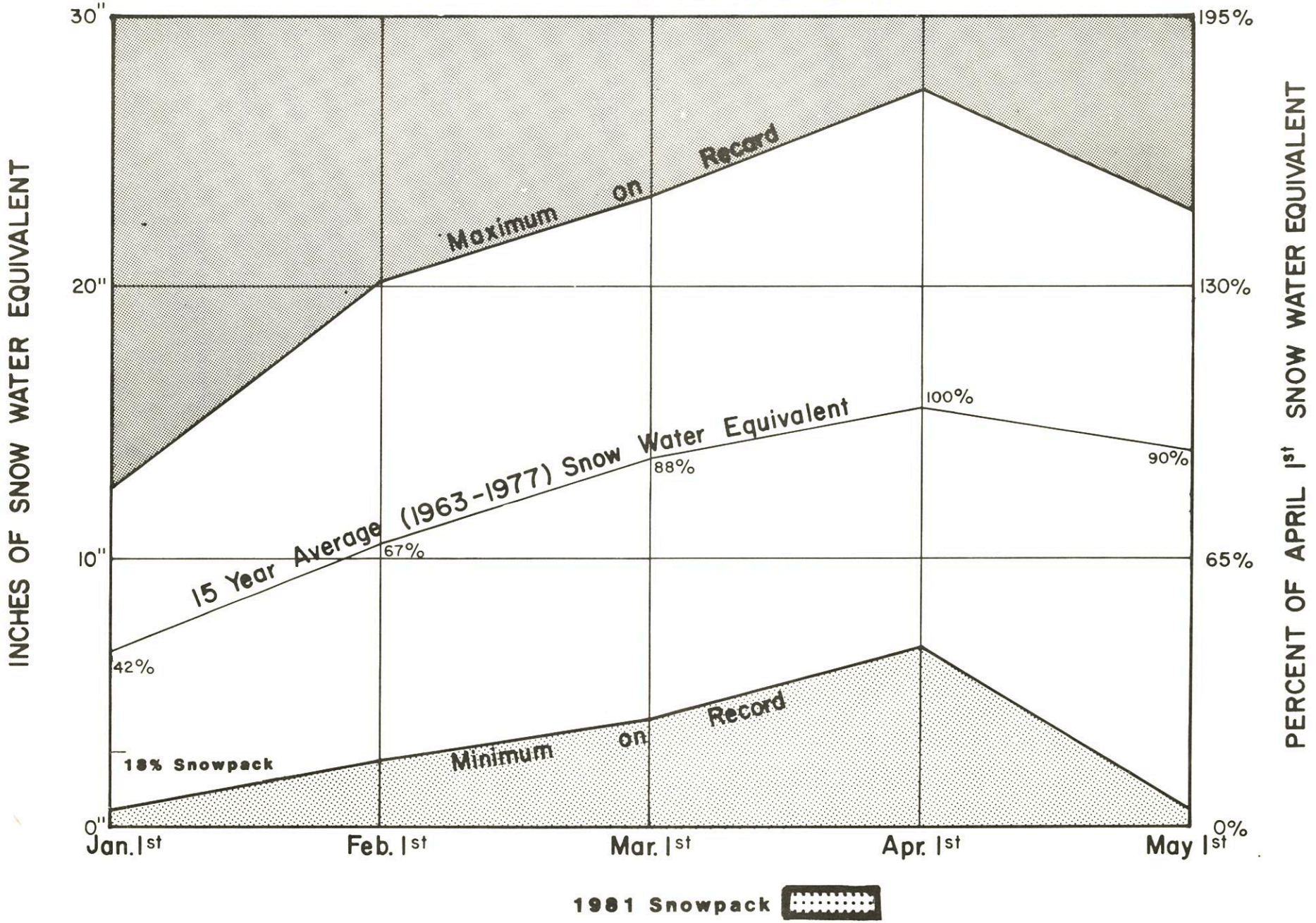
Basin or Stream	RESERVOIR	Usable Capacity	Usable Storage		
			This Year	Last Year	Average+
GREAT BASIN					
Bear River	Bear Lake	1421.0	1059.0	937.8	1035.4
	Woodruff Narrows	26.5	11.4	6.5	18.1
Beaver River	Minersville (RkyFd)	23.3	21.0	14.2	10.0
Little Bear	Hyrum	15.3	10.2	10.1	10.4
	Porcupine	11.3	2.3	0.9	2.7
	Causey	6.9	3.6	1.9	1.8b
	Pineview	110.1	57.2	61.2	52.1
Provo	Deer Creek	149.7	99.5	88.7	107.3
Settlement Creek	Settlement Creek	1.2	0.5	0.4	---
	Vernon Creek	0.6	0.3	0.5	---
	Gunnison	18.2	17.4	5.7	9.7
	Otter Creek	52.5	48.0	37.5	26.0
	Piute	71.8	49.7	45.2	32.2
	Sevier Bridge	236.0	214.1	95.4	99.0
Spanish Fork	Strawberry	270.0	211.0	152.6	147.8
Utah Lake	Utah Lake	883.9	859.3	647.6	639.3
Weber	East Canyon	48.1	34.8	27.6	26.6
	Echo	73.9	53.7	31.8	44.4
	Lost Creek	20.0	15.8	12.8	12.6b
	Rockport	60.9	40.4	30.2	37.9
	Willard Bay	193.3	162.7	166.4	121.6b
COLORADO RIVER BASIN					
Ashley Creek	Steinaker	33.3	23.9	12.2	19.0
Colorado	Blue Mesa	829.5	558.0	580.0	---
	Lake Powell	25002.0	22105.0	20854.0	---
Green	Flaming Gorge	3749.0	3013.0	2397.0	---
Lakefork	Moon Lake	35.8	13.8	5.8	15.0
Price River	Scofield	65.8	48.5	41.5	33.7
San Juan	Navajo	1696.0	1382.0	1234.0	---
San Rafael	Huntington North	3.9	1.1	1.5	1.7
	Joe's Valley	54.6	37.6	32.8	35.1b
	Mill Site	16.7	9.3	3.7	---
			136.9		---
Strawberry	Starvation	165.3		16.1	---
Uintah	Bottle Hollow	11.3	11.3	10.2	9.8b

b=less than 15 yrs.

USDA-SCS PORTLAND, OREG. 1969

UTAH'S WINTER SNOWPACK

Data based on 79 selected snow courses



Soil Conservation Service, Salt Lake City, Utah

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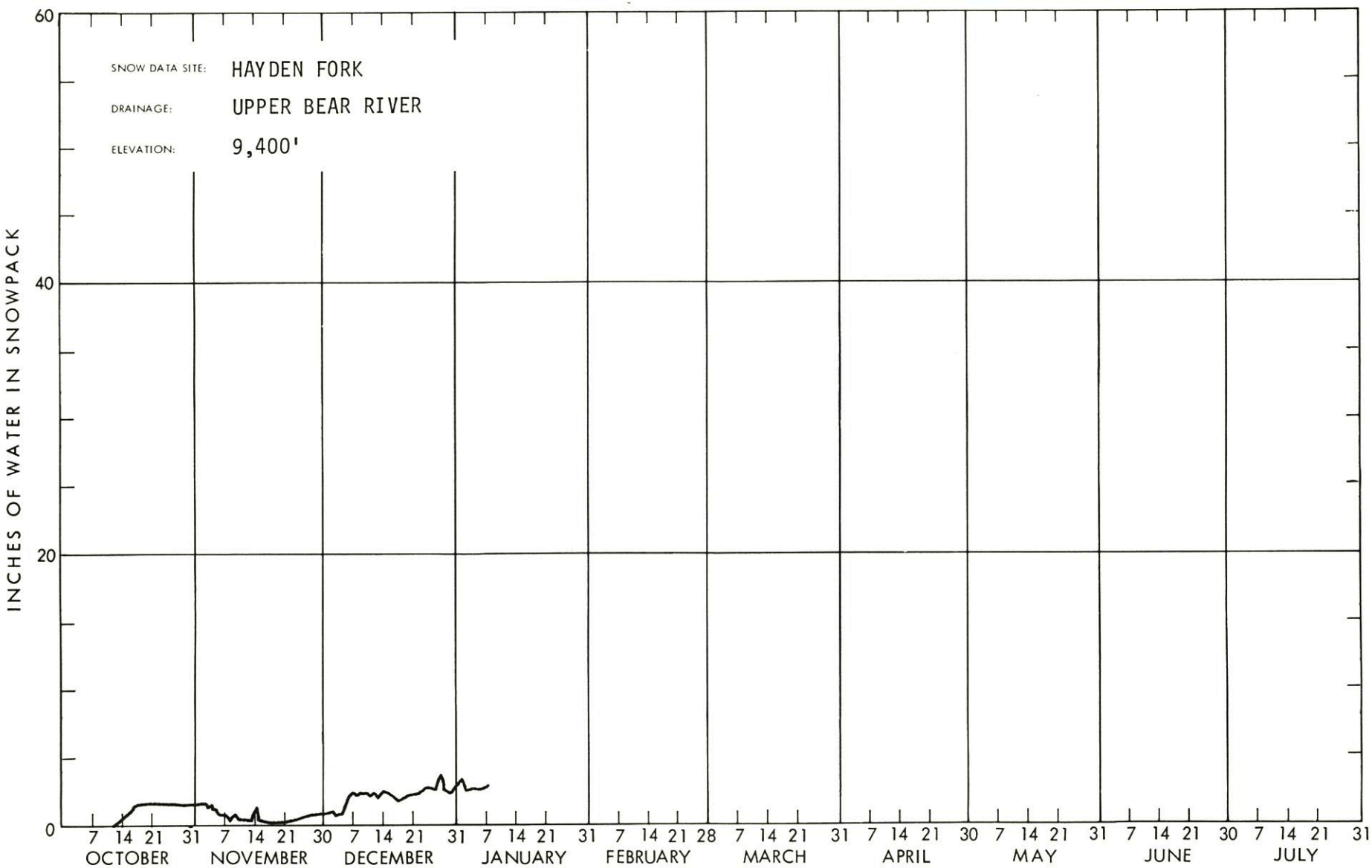
SNOW DATA SITE: HAYDEN FORK
DRAINAGE: UPPER BEAR RIVER
ELEVATION: 9,400'
INCHES OF WATER IN SNOWPACK
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7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 31 7 14 21 28 7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 30 7 14 21 31
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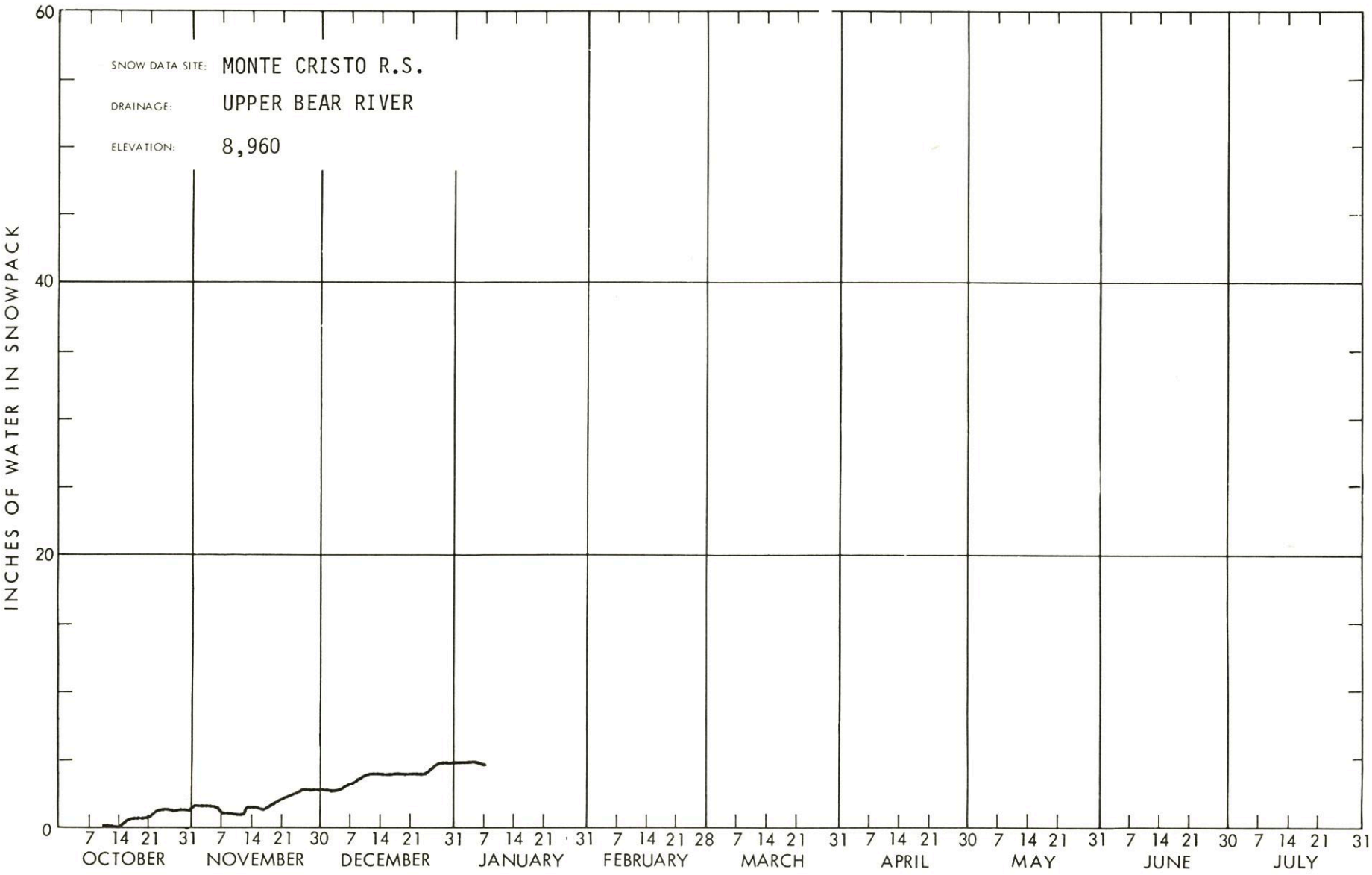
SNOW DATA SITE: MONTE CRISTO R.S.
DRAINAGE: UPPER BEAR RIVER
ELEVATION: 8,960
INCHES OF WATER IN SNOWPACK
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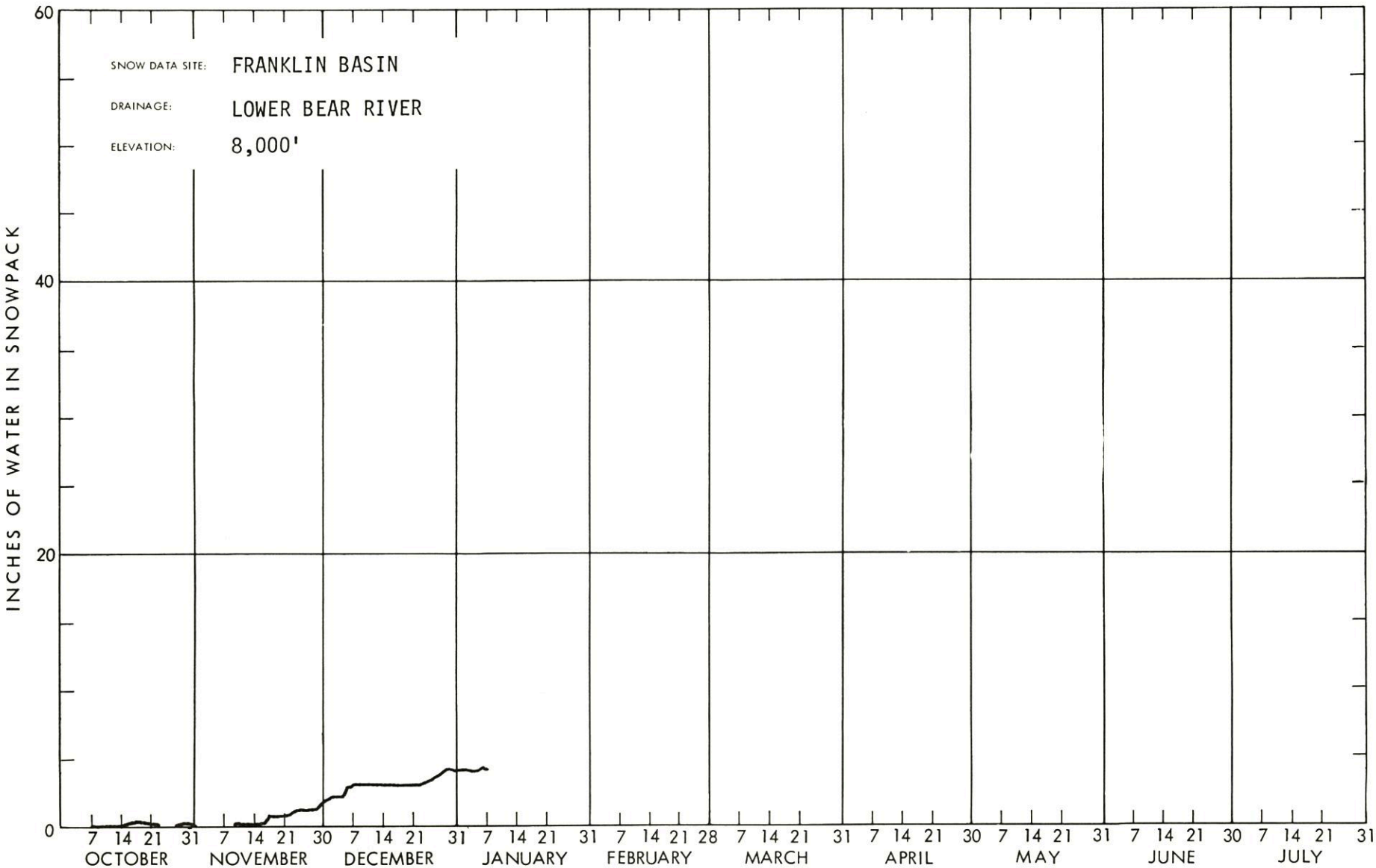
SNOW DATA SITE: FRANKLIN BASIN
DRAINAGE: LOWER BEAR RIVER
ELEVATION: 8,000'
INCHES OF WATER IN SNOWPACK
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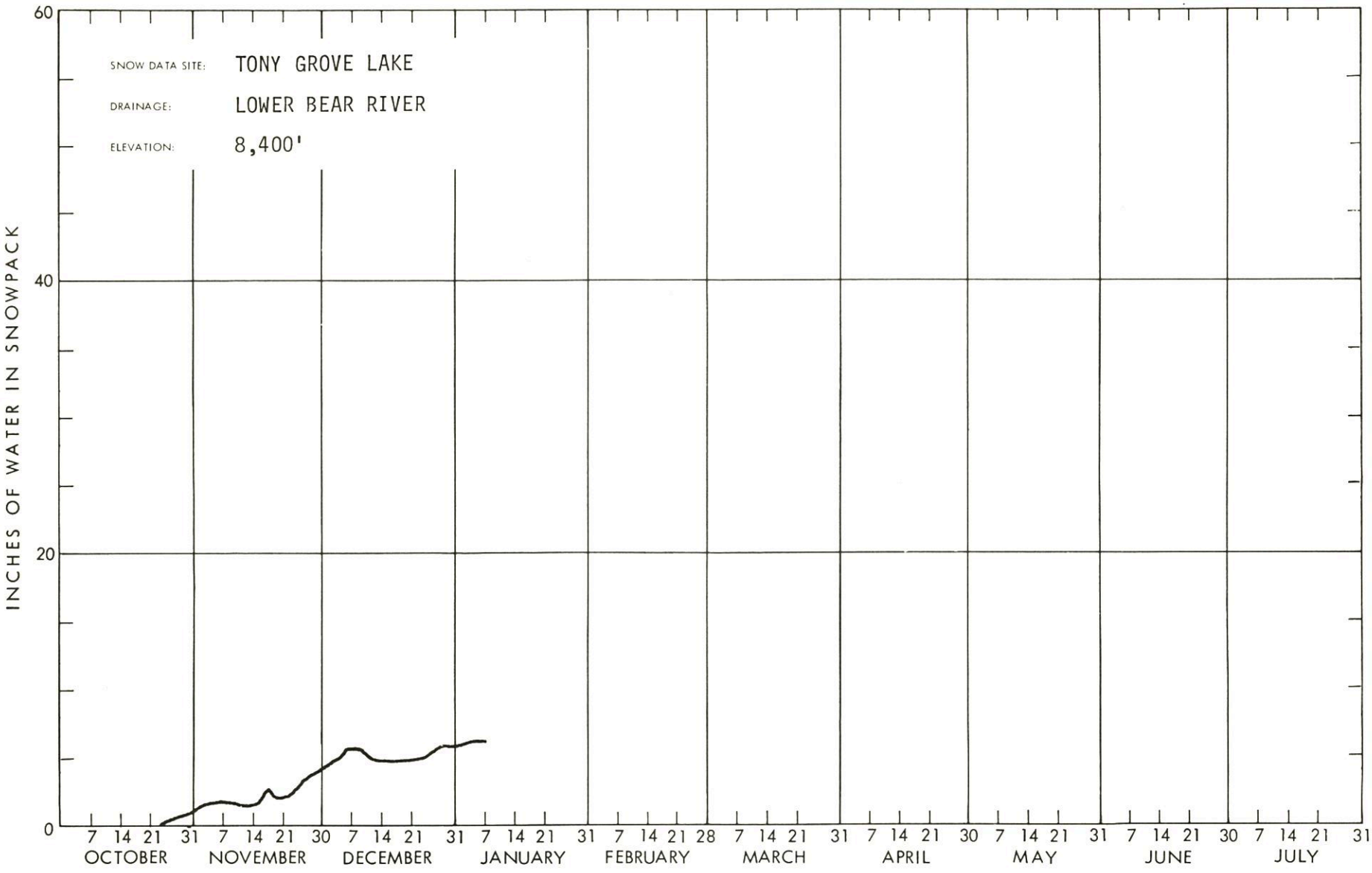
SNOW DATA SITE: TONY GROVE LAKE
DRAINAGE: LOWER BEAR RIVER
ELEVATION: 8,400'
INCHES OF WATER IN SNOWPACK
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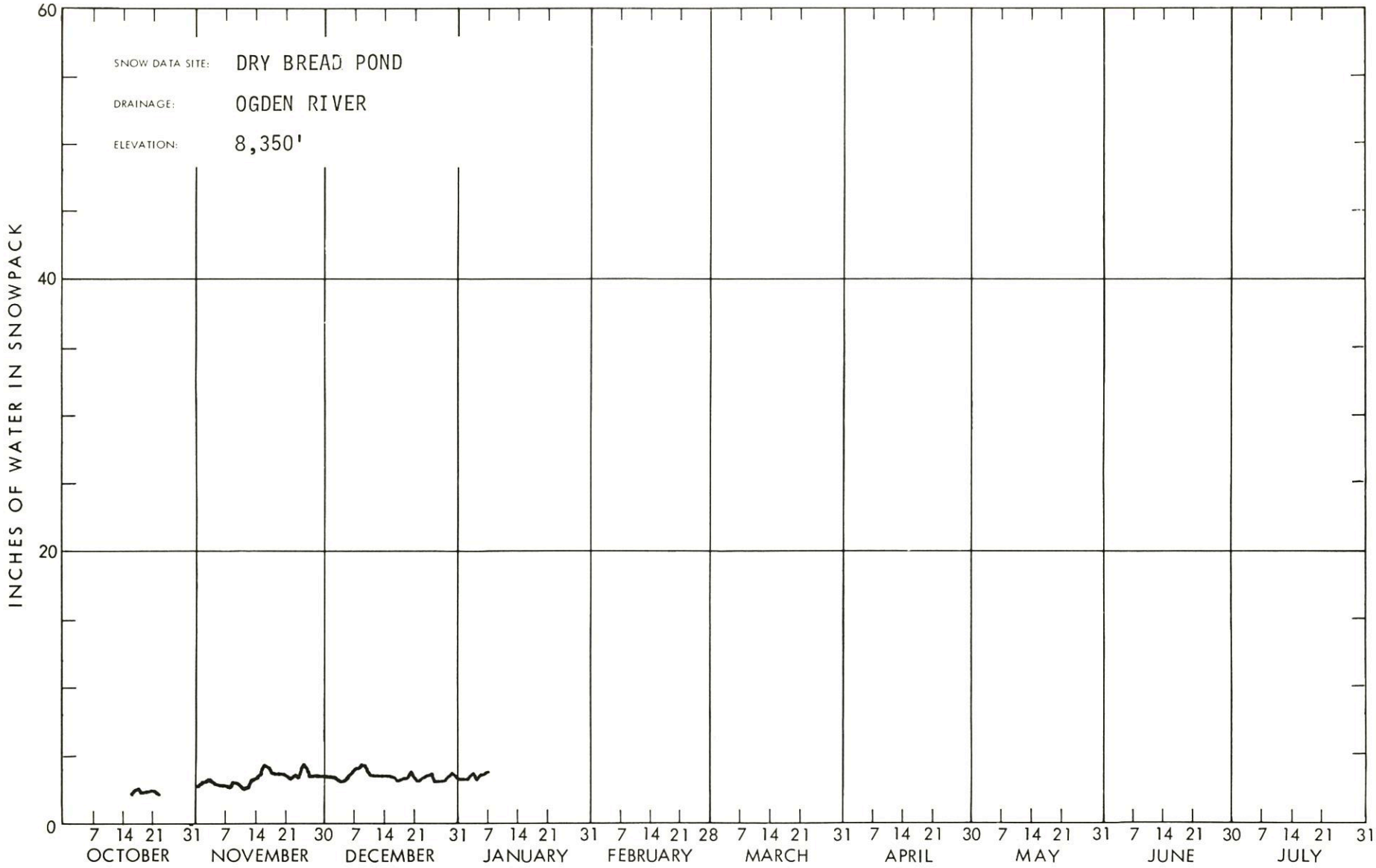
SNOW DATA SITE: DRY BREAD POND
DRAINAGE: OGDEN RIVER
ELEVATION: 8,350'
INCHES OF WATER IN SNOWPACK
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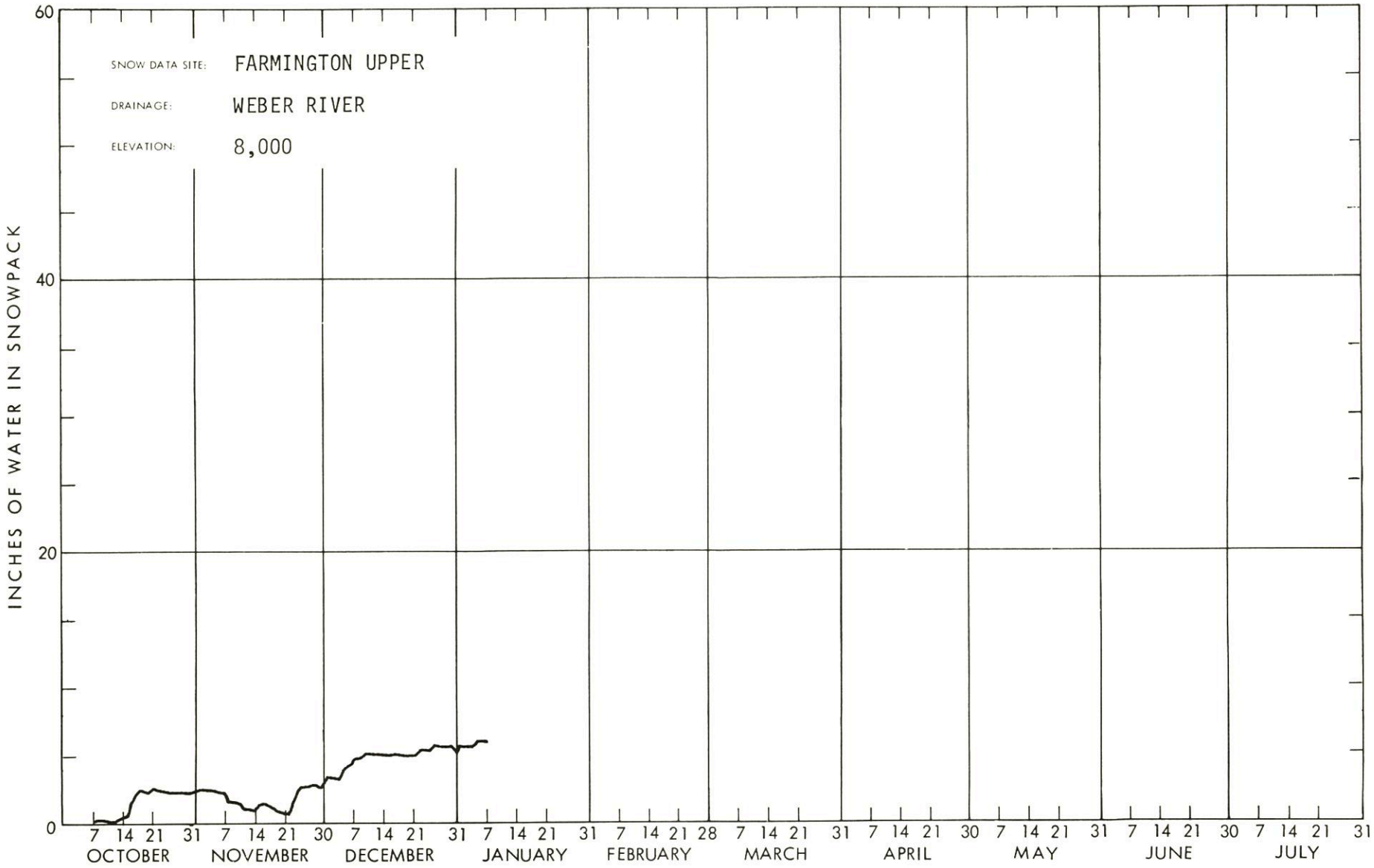
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DRAINAGE: WEBER RIVER
ELEVATION: 8,000
INCHES OF WATER IN SNOWPACK
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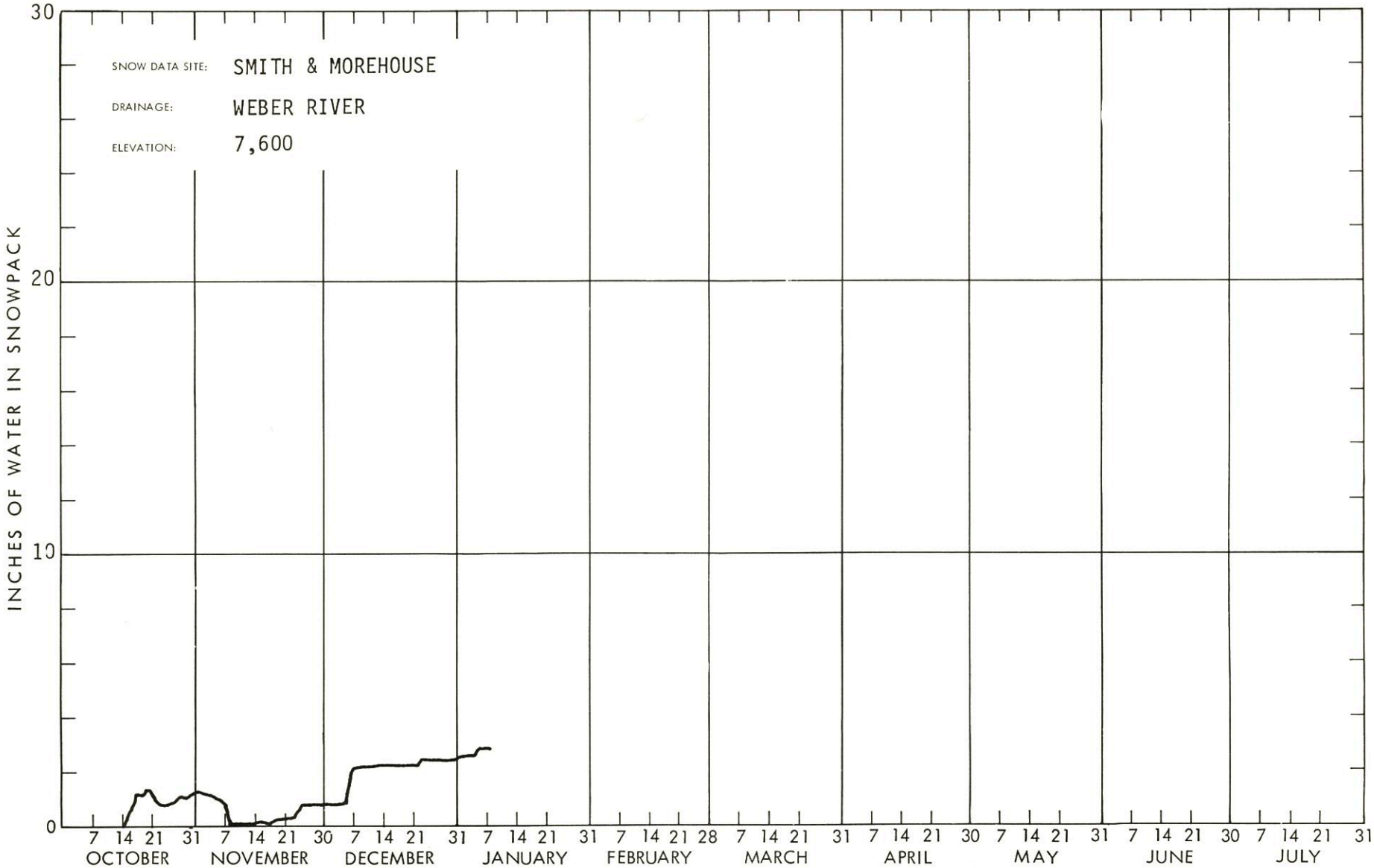
SNOW DATA SITE: SMITH & MOREHOUSE
DRAINAGE: WEBER RIVER
ELEVATION: 7,600
INCHES OF WATER IN SNOWPACK
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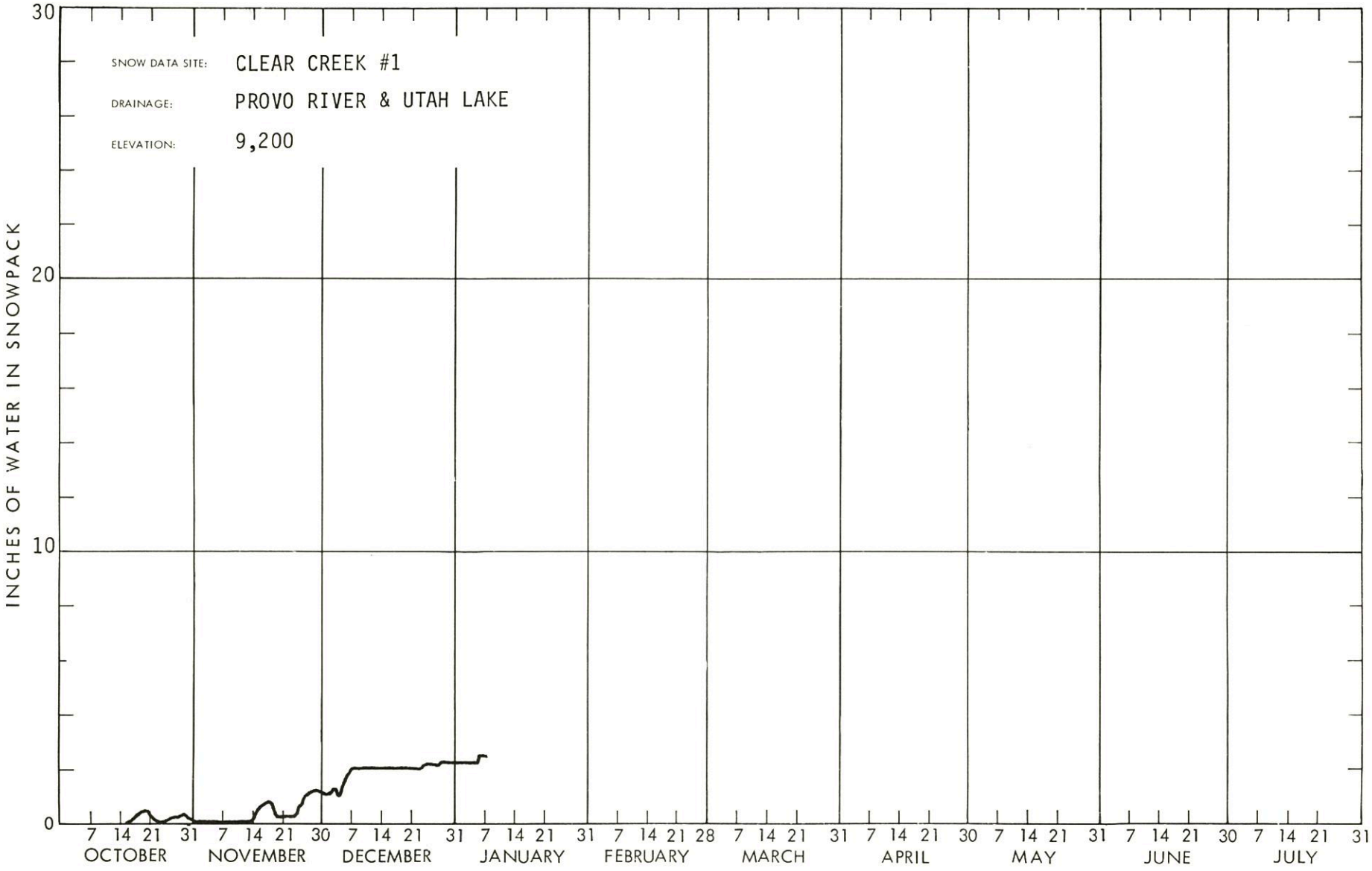
SNOW DATA SITE: CLEAR CREEK #1
DRAINAGE: PROVO RIVER & UTAH LAKE
ELEVATION: 9,200
INCHES OF WATER IN SNOWPACK
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7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 31 7 14 21 28 7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 30 7 14 21 31
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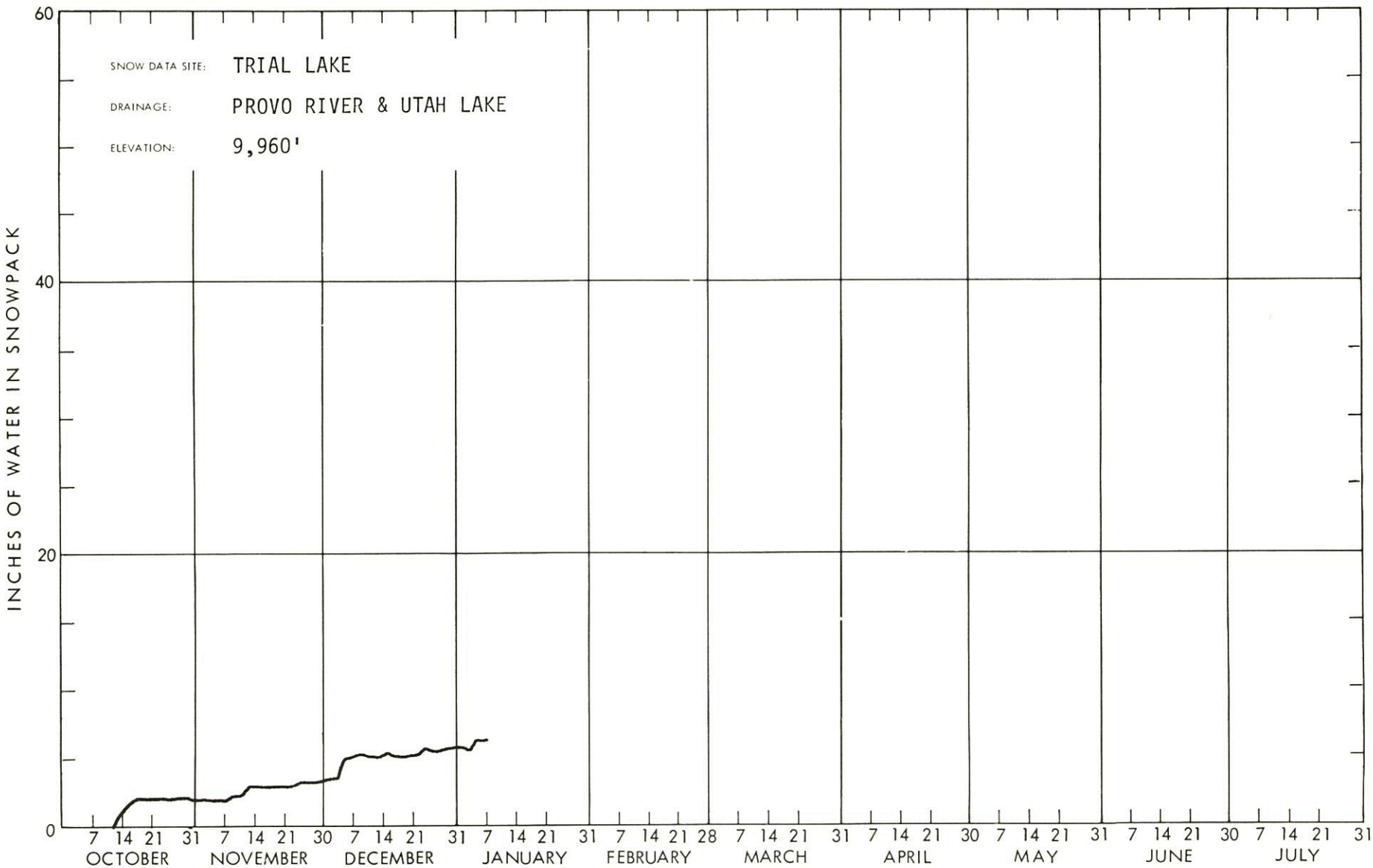
SNOW DATA SITE: TRIAL LAKE
DRAINAGE: PROVO RIVER & UTAH LAKE
ELEVATION: 9,960'
INCHES OF WATER IN SNOWPACK
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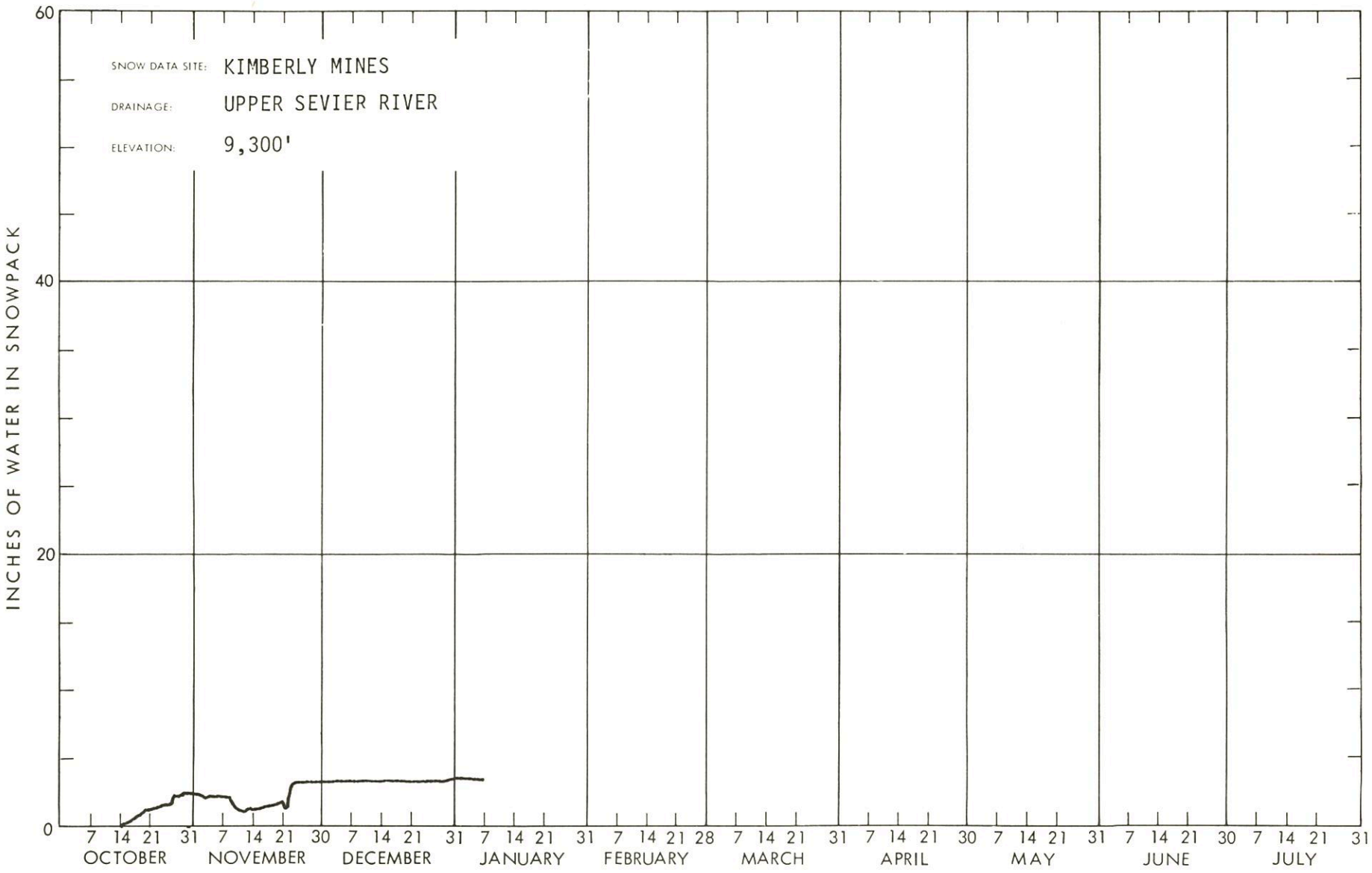
SNOW DATA SITE: KIMBERLY MINES
DRAINAGE: UPPER SEVIER RIVER
ELEVATION: 9,300'
INCHES OF WATER IN SNOWPACK
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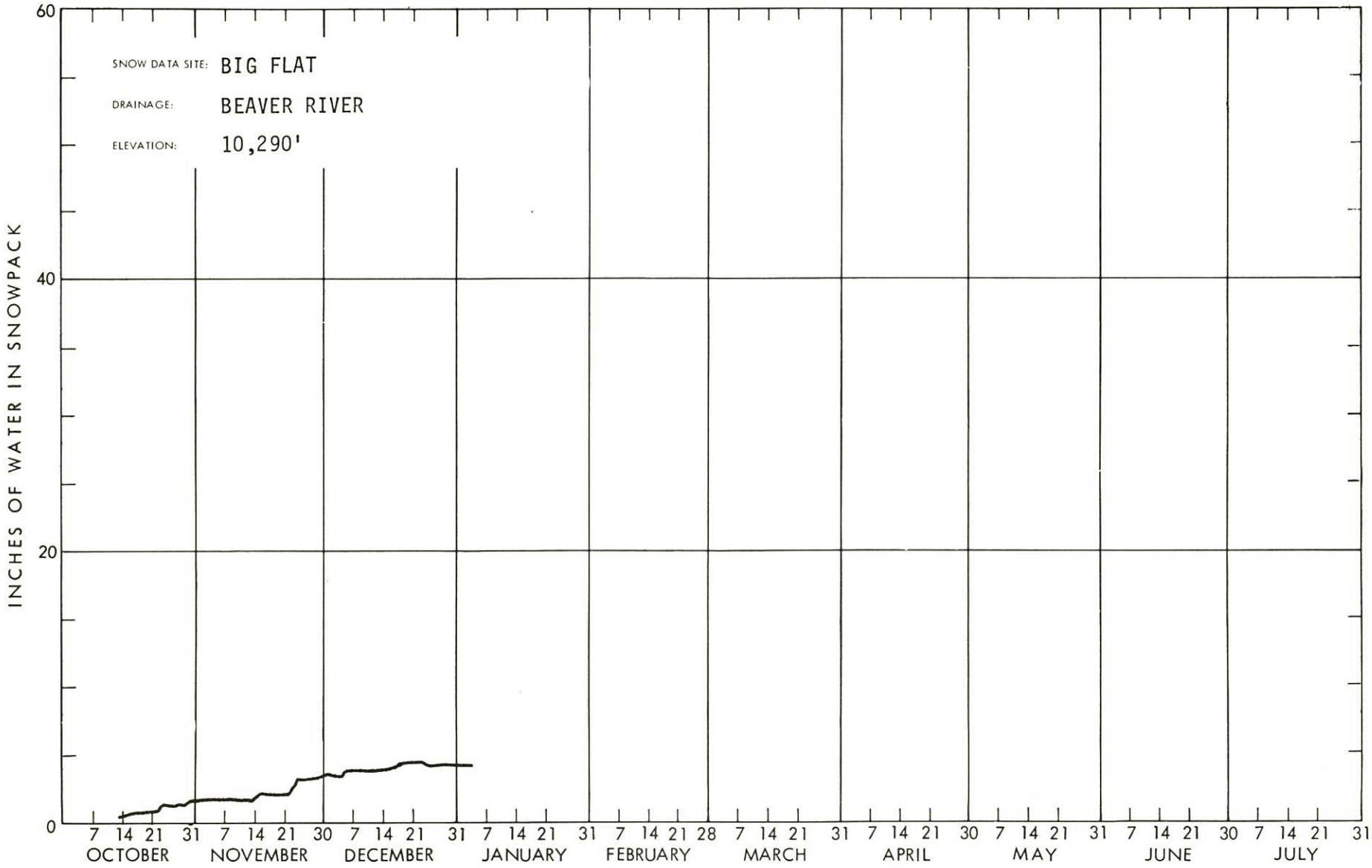
SNOW DATA SITE: BIG FLAT
DRAINAGE: BEAVER RIVER
ELEVATION: 10,290'
INCHES OF WATER IN SNOWPACK
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7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 31 7 14 21 28 7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 30 7 14 21 31
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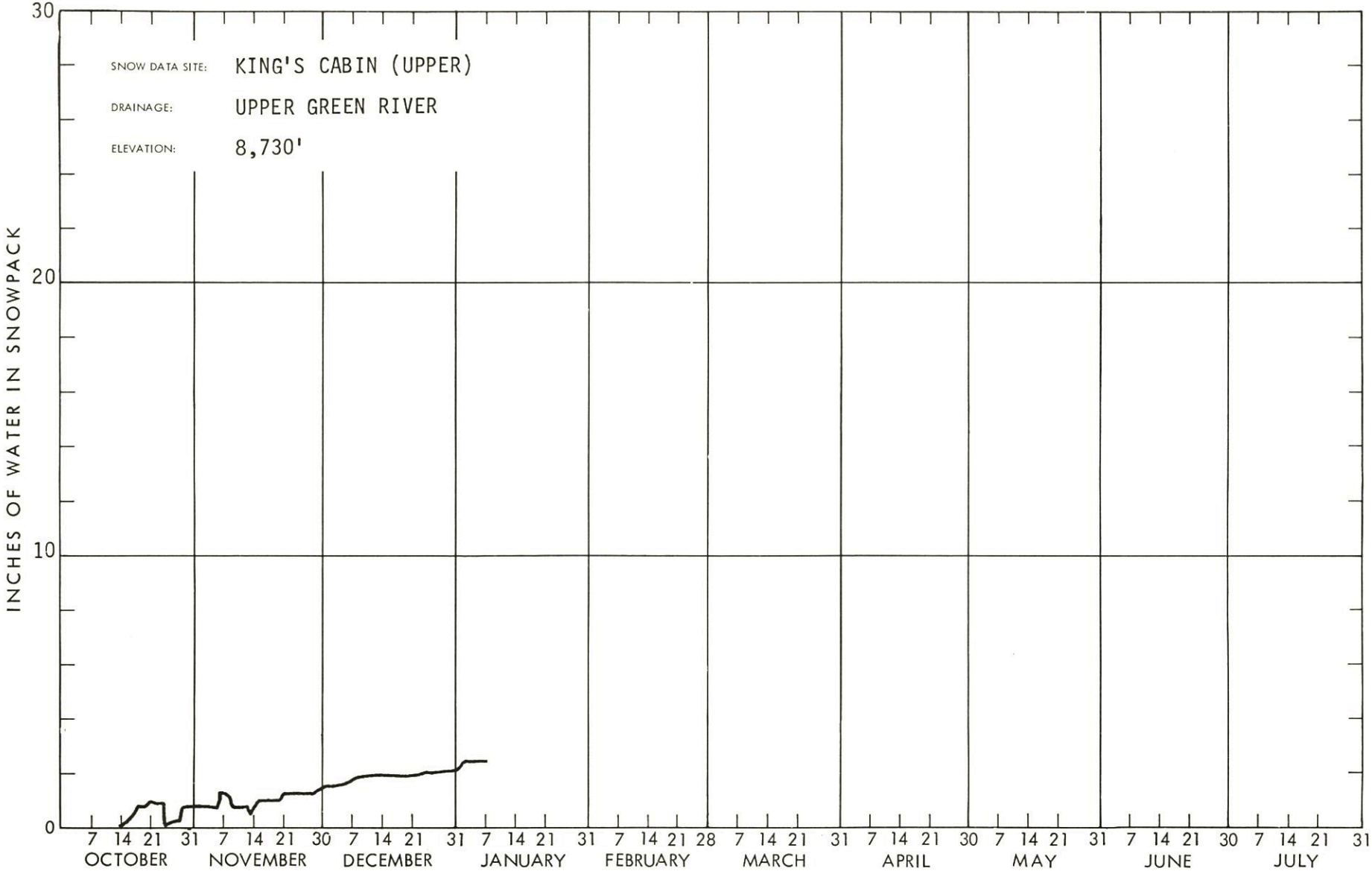
SNOW DATA SITE: KING'S CABIN (UPPER)
DRAINAGE: UPPER GREEN RIVER
ELEVATION: 8,730'
INCHES OF WATER IN SNOWPACK
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7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 31 7 14 21 28 7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 30 7 14 21 31
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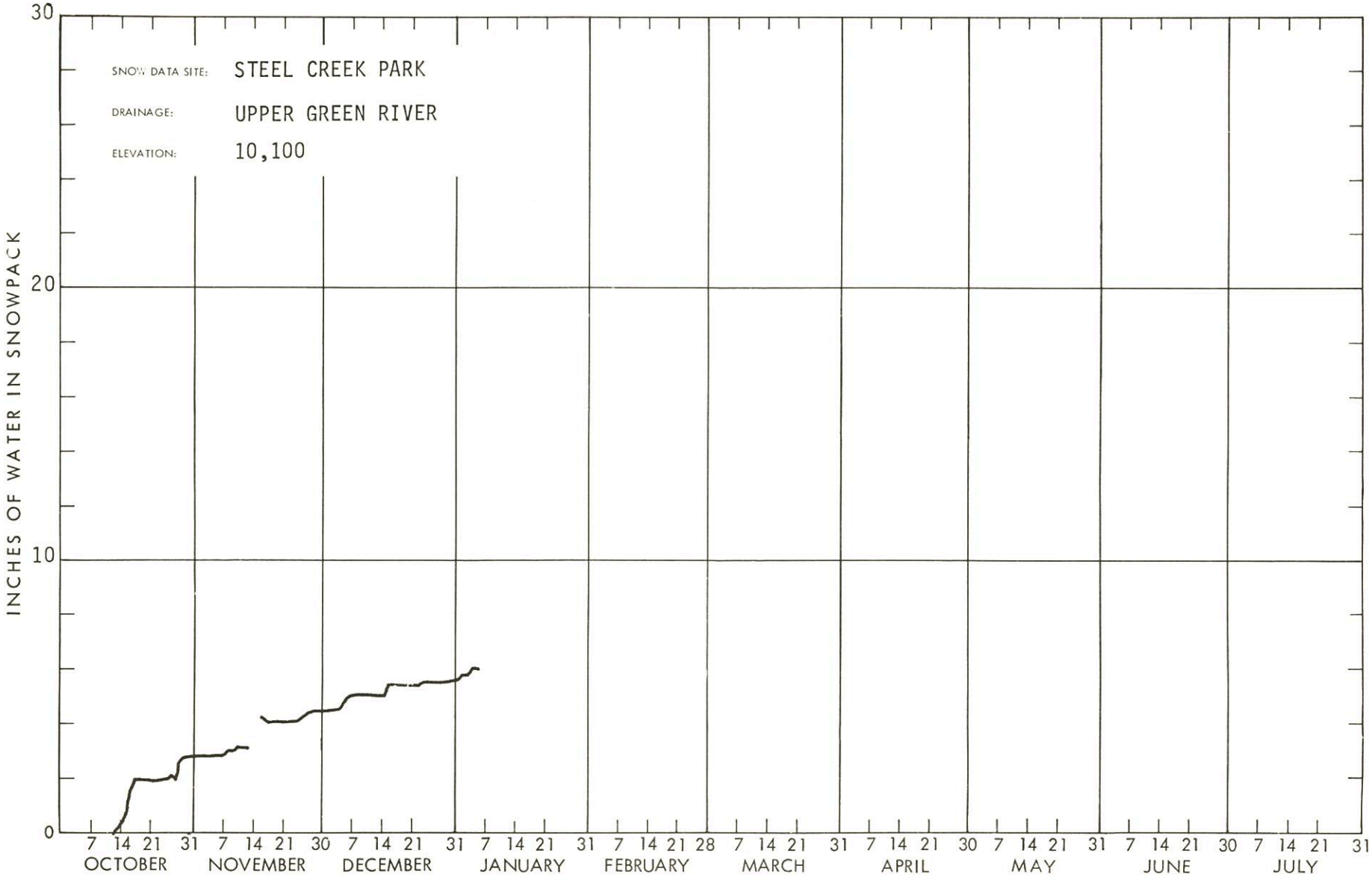
SNOW DATA SITE: STEEL CREEK PARK
DRAINAGE: UPPER GREEN RIVER
ELEVATION: 10,100
INCHES OF WATER IN SNOWPACK
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7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 31 7 14 21 28 7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 30 7 14 21 31
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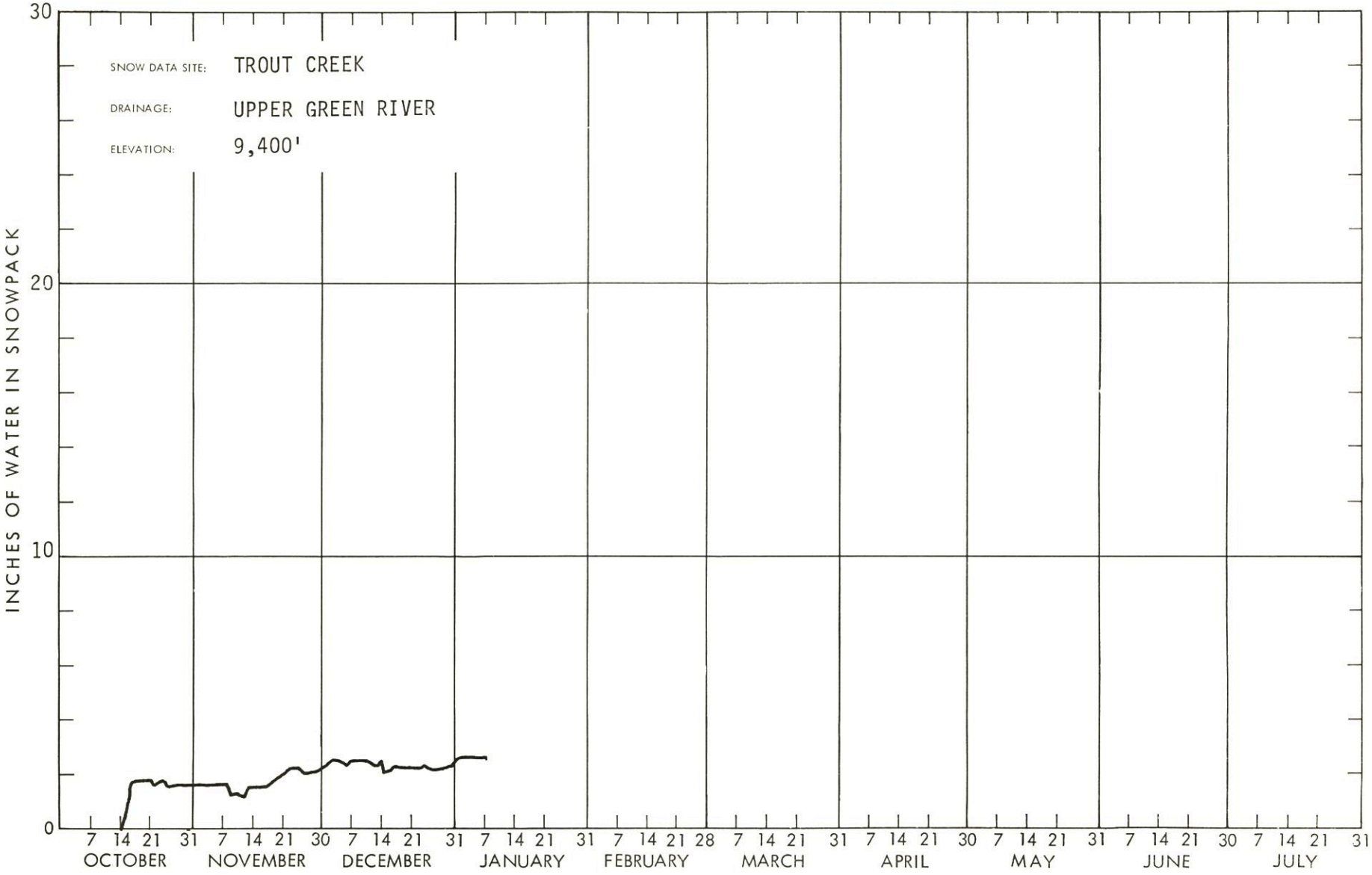
SNOW DATA SITE: TROUT CREEK
DRAINAGE: UPPER GREEN RIVER
ELEVATION: 9,400'
INCHES OF WATER IN SNOWPACK
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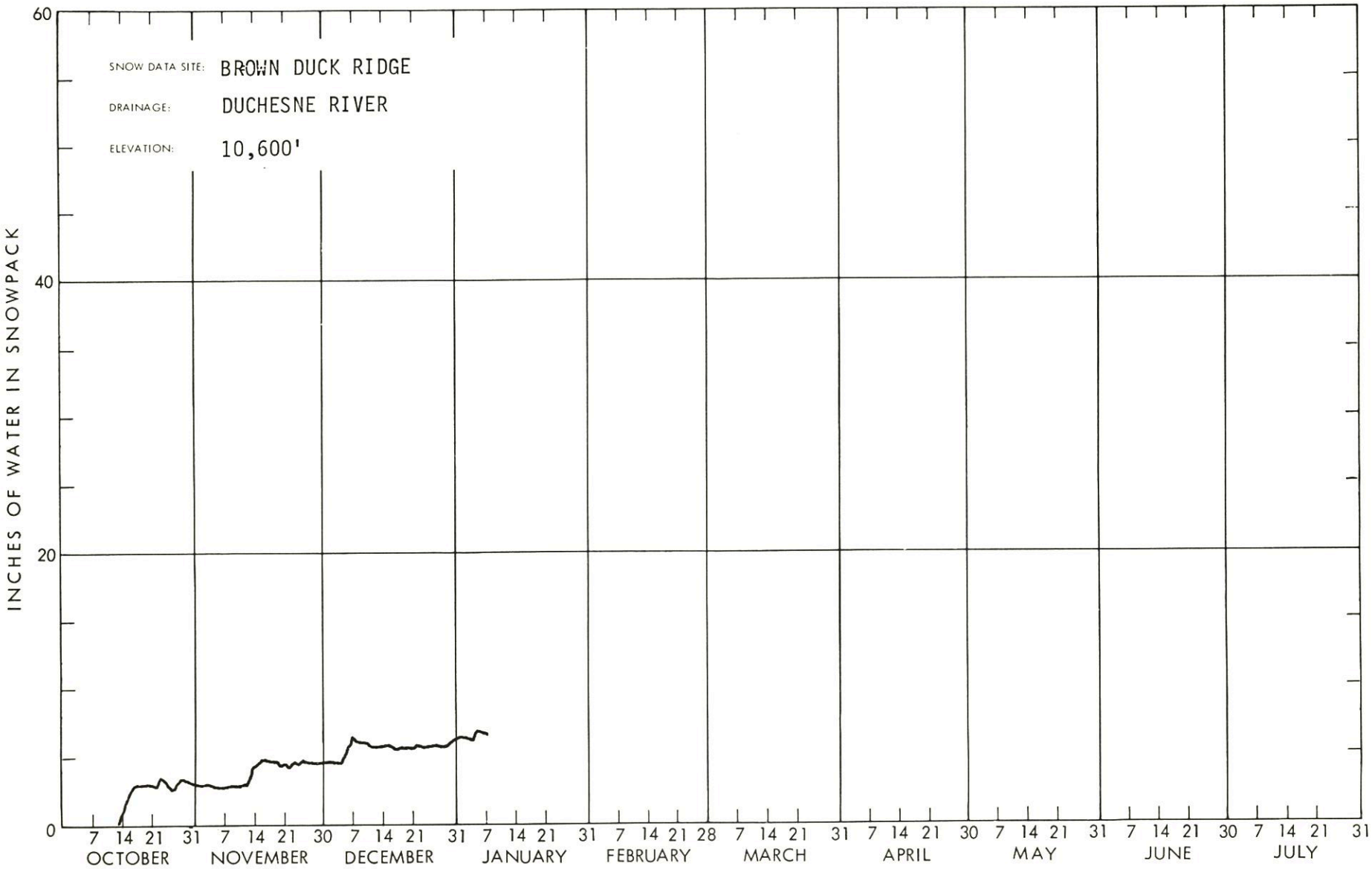
SNOW DATA SITE: BROWN DUCK RIDGE
DRAINAGE: DUCHESNE RIVER
ELEVATION: 10,600'
INCHES OF WATER IN SNOWPACK
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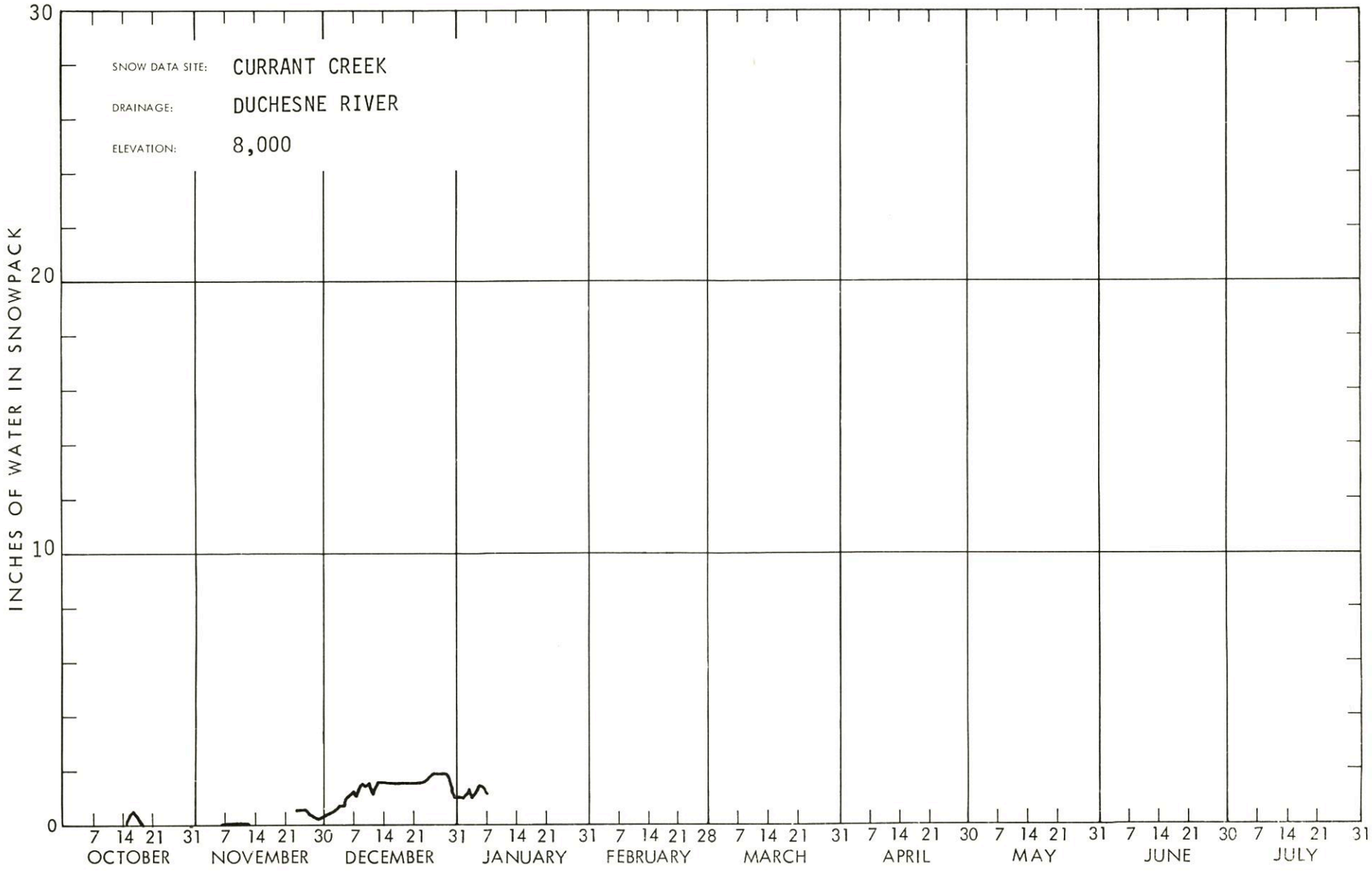
SNOW DATA SITE: CURRANT CREEK
DRAINAGE: DUCHESNE RIVER
ELEVATION: 8,000
INCHES OF WATER IN SNOWPACK
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7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 31 7 14 21 28 7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 30 7 14 21 31
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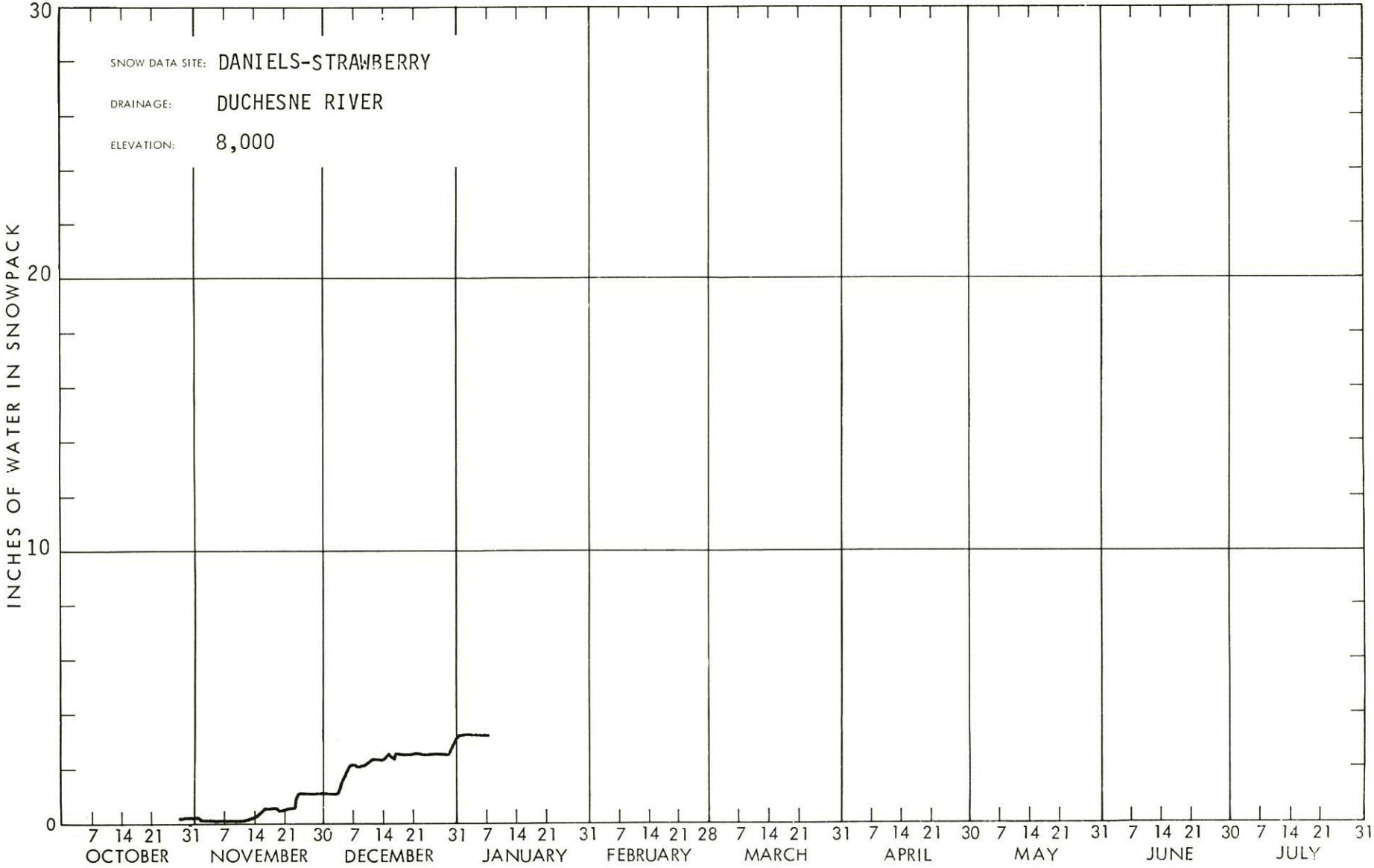
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DRAINAGE: DUCHESNE RIVER
ELEVATION: 8,000
INCHES OF WATER IN SNOWPACK
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7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 31 7 14 21 28 7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 30 7 14 21 31
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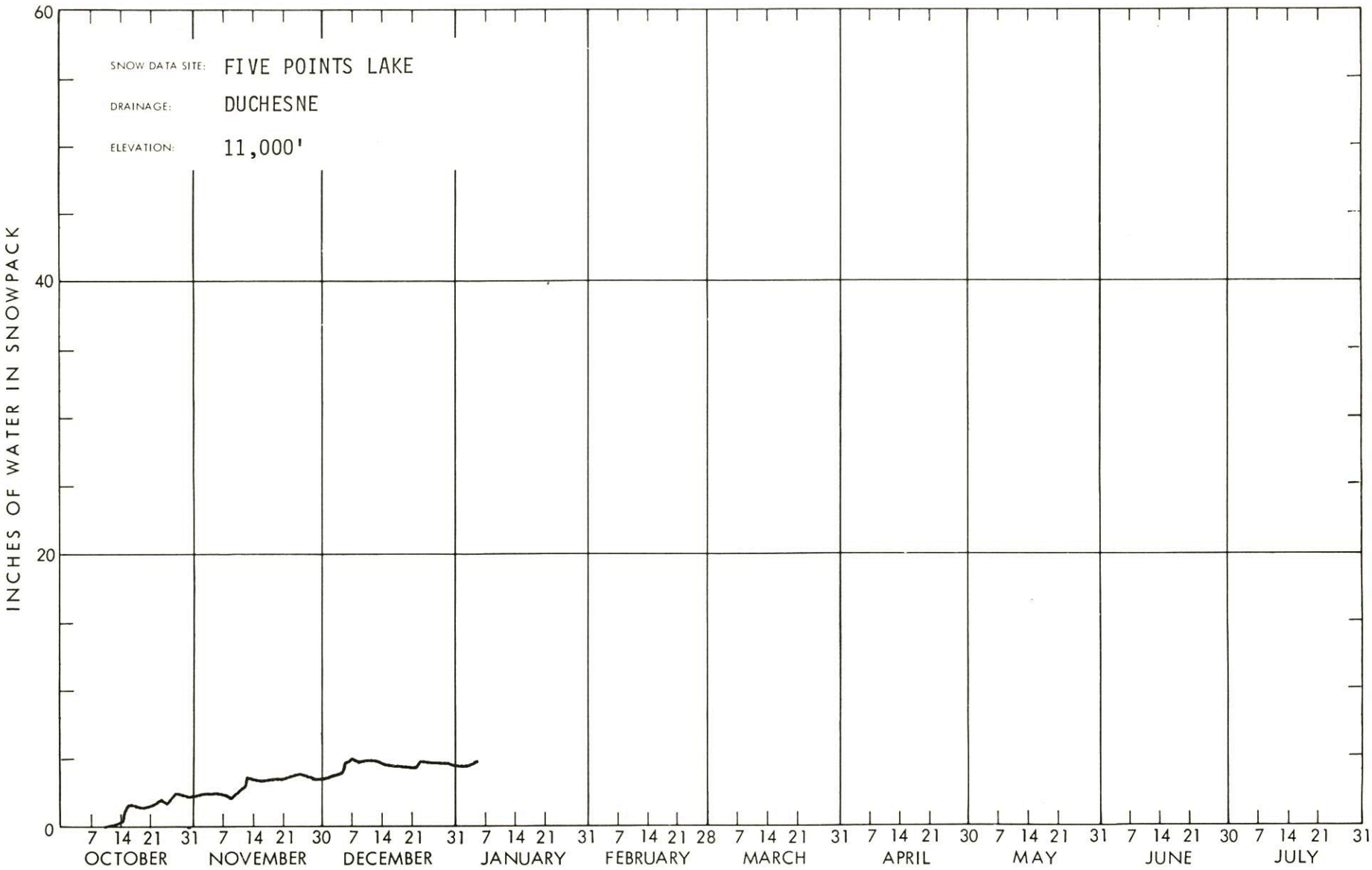
SNOW DATA SITE: FIVE POINTS LAKE
DRAINAGE: DUCHESNE
ELEVATION: 11,000'
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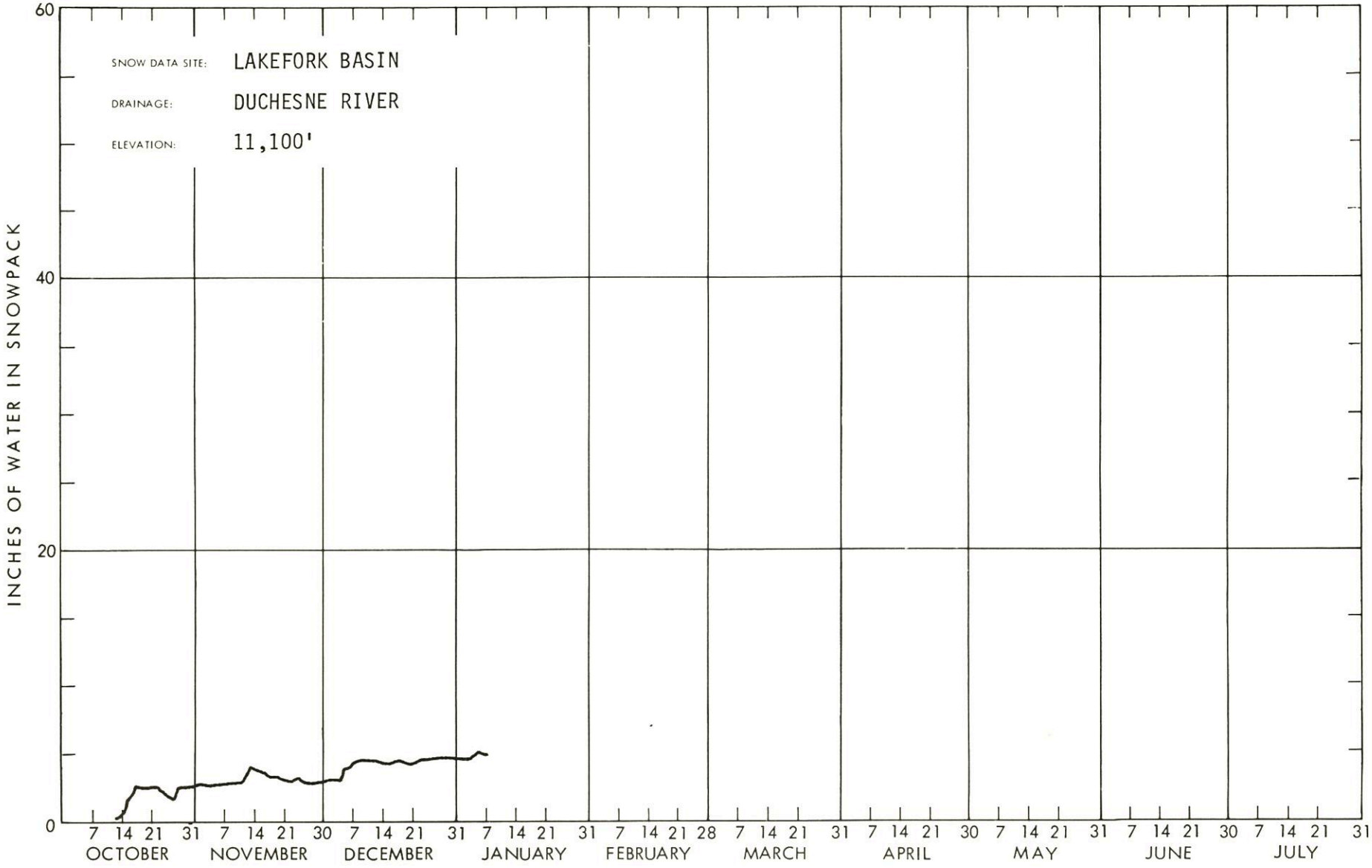
SNOW DATA SITE: LAKEFORK BASIN
DRAINAGE: DUCHESNE RIVER
ELEVATION: 11,100'
INCHES OF WATER IN SNOWPACK
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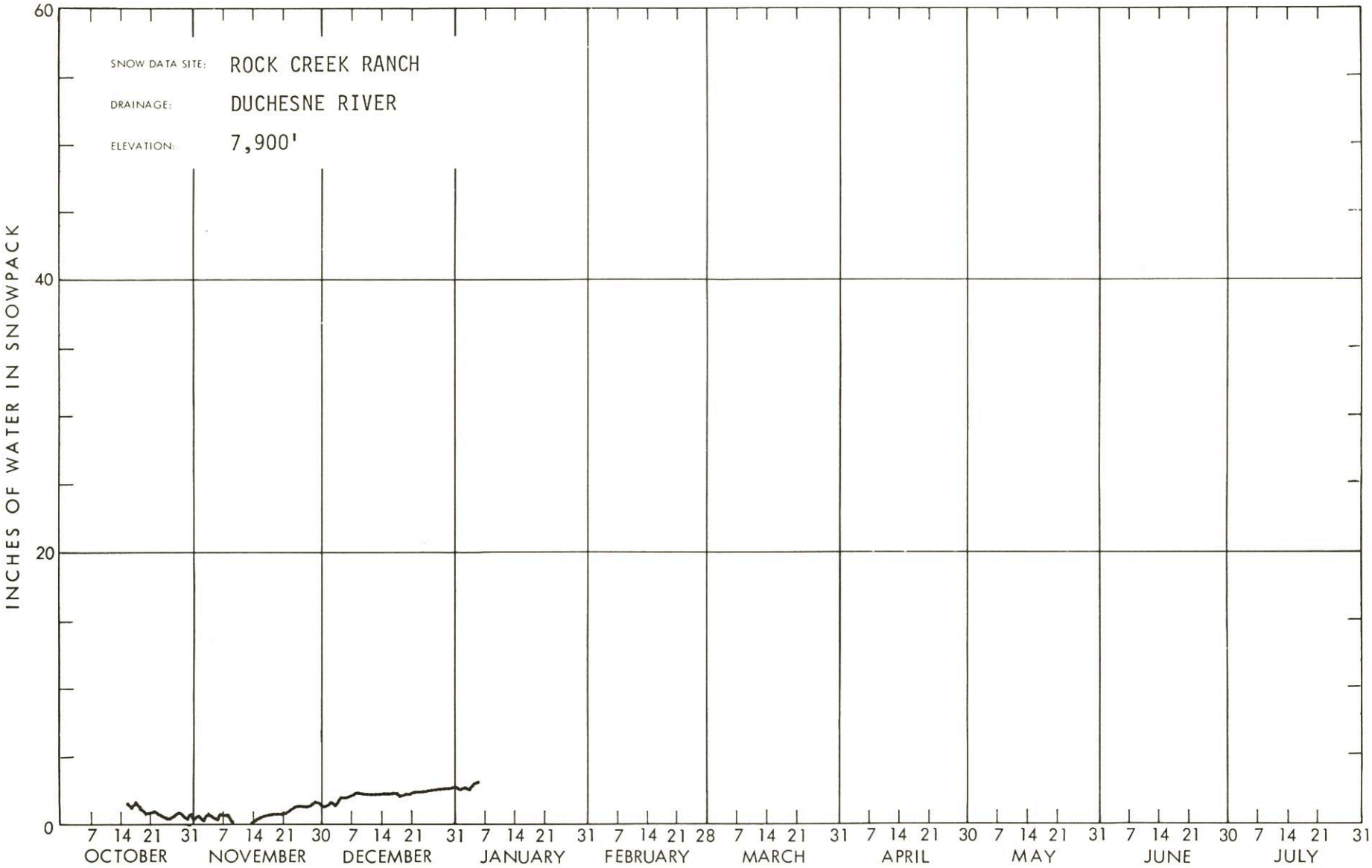
SNOW DATA SITE: ROCK CREEK RANCH
DRAINAGE: DUCHESNE RIVER
ELEVATION: 7,900'
INCHES OF WATER IN SNOWPACK
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7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 31 7 14 21 28 7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 30 7 14 21 31
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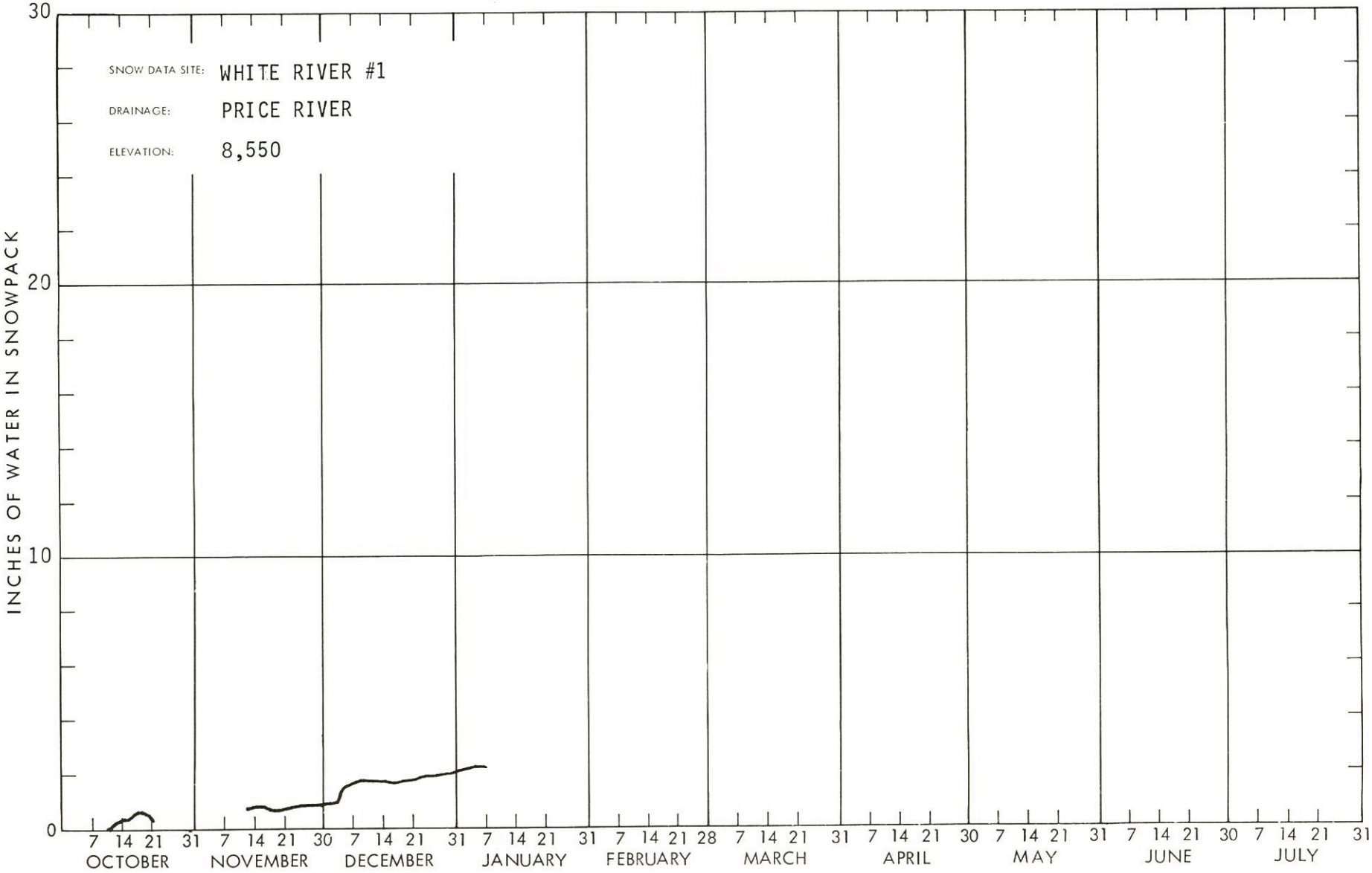
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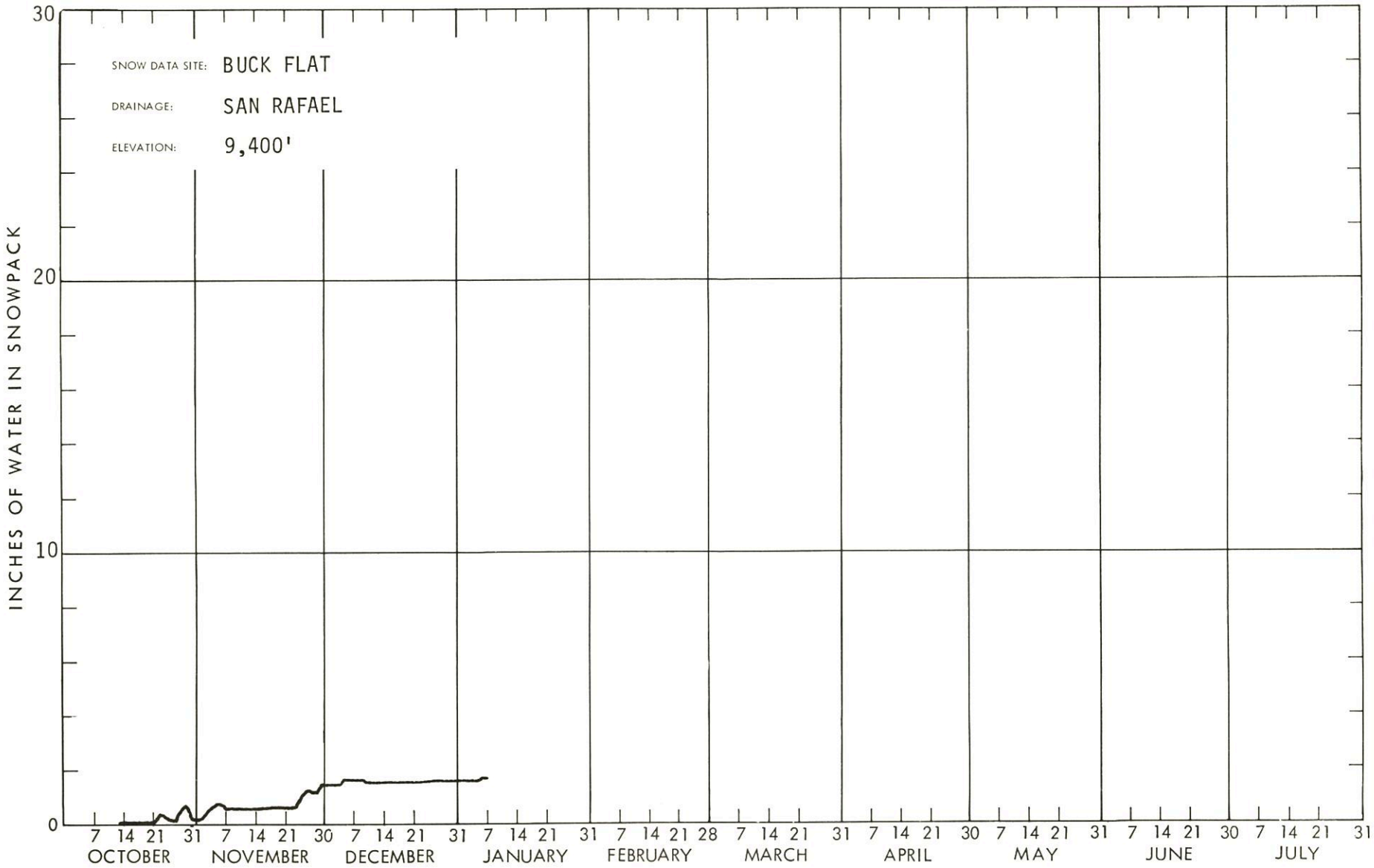
DRAINAGE: PRICE RIVER
ELEVATION: 8,550
INCHES OF WATER IN SNOWPACK
30
20
10
0
7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 31 7 14 21 28 7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 30 7 14 21 31
OCTOBER
NOVEMBER
DECEMBER
JANUARY
FEBRUARY
MARCH
APRIL
MAY
JUNE
JULY

WSFB-X13A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DRAINAGE: SAN RAFAEL
ELEVATION: 9,400'
INCHES OF WATER IN SNOWPACK
30
20
10
0
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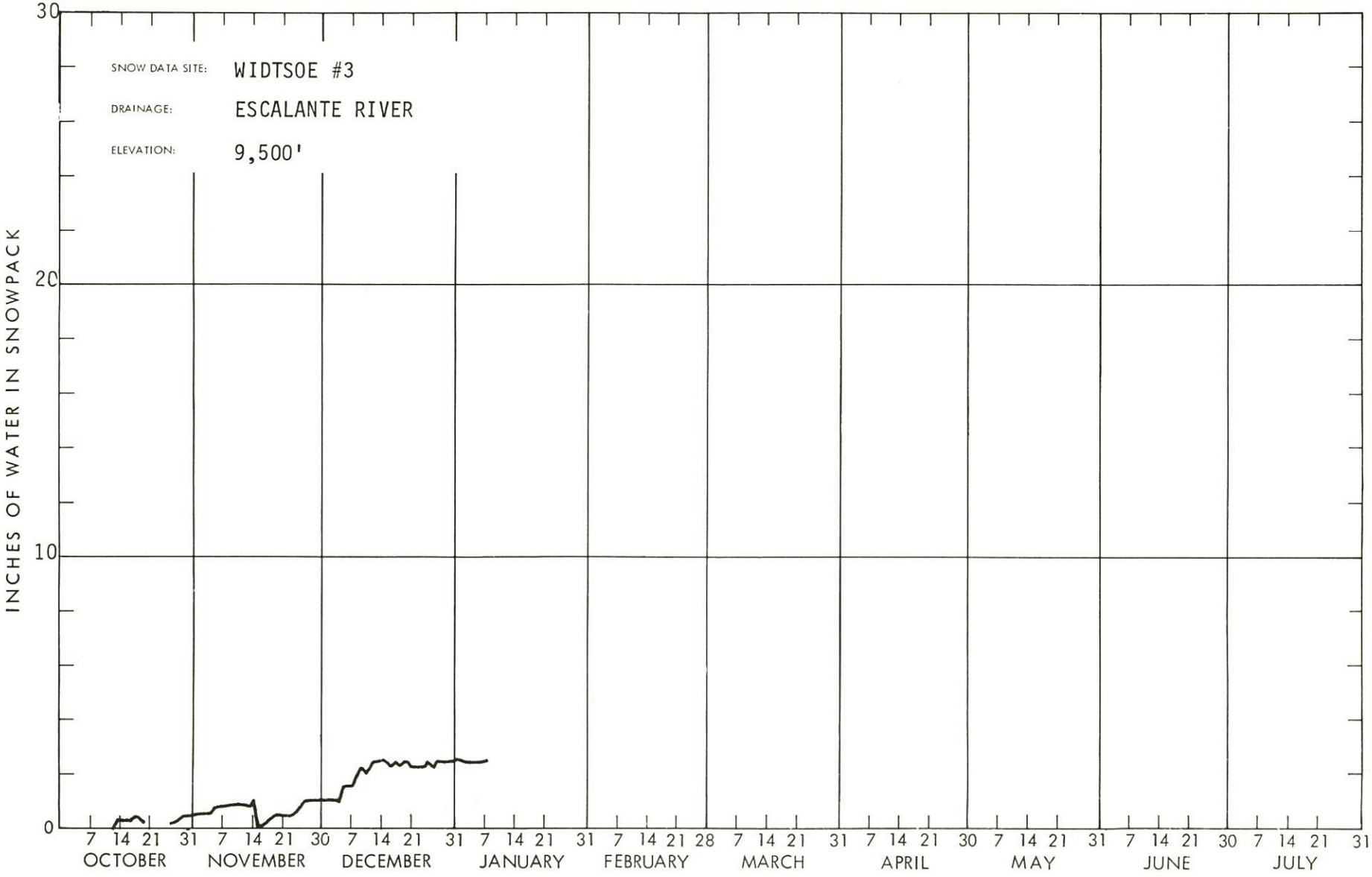
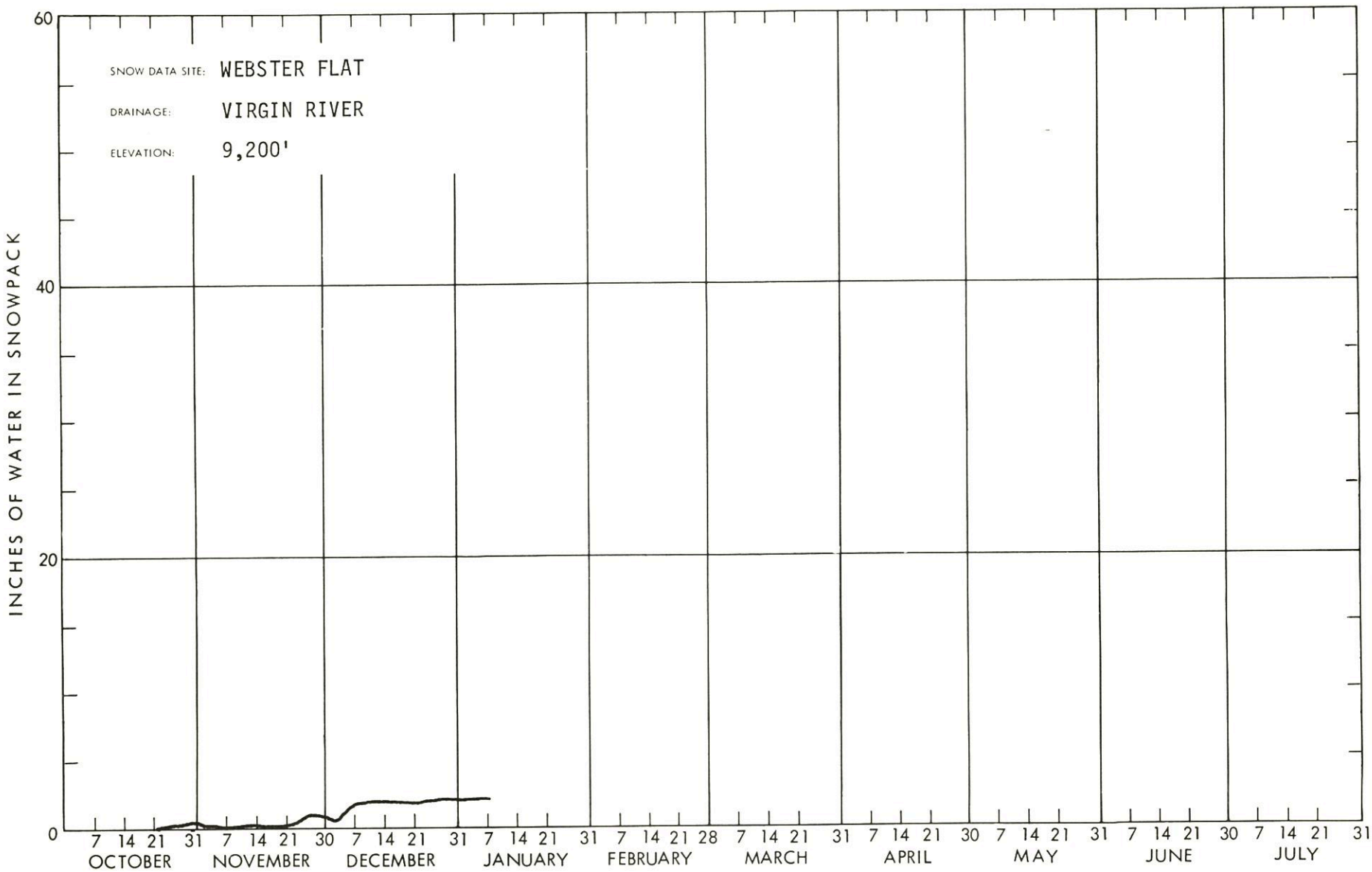
OCTOBER
NOVEMBER
DECEMBER
JANUARY
FEBRUARY
MARCH
APRIL
MAY
JUNE
JULY

WSFB-X13A


SNOW DATA SITE: WIDTSOE #3
DRAINAGE: ESCALANTE 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
OCTOBER
NOVEMBER
DECEMBER
JANUARY
FEBRUARY
MARCH
APRIL
MAY
JUNE
JULY

WSFB-X13C


SNOW DATA SITE: WEBSTER FLAT
DRAINAGE: VIRGIN RIVER
ELEVATION: 9,200'
INCHES OF WATER IN SNOWPACK
60
40
20
0
7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 31 7 14 21 28 7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 30 7 14 21 31
OCTOBER
NOVEMBER
DECEMBER
JANUARY
FEBRUARY
MARCH
APRIL
MAY
JUNE
JULY

SNOW	THIS YEAR			PAST RECORD		PRECIPITATION (Inches)					
DRAINAGE BASIN and/or SNOW COURSE NAME	Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Water Content (inches) Last Year	Water Content (inches) Average +	CURRENT INFORMATION Date of Reading	CURRENT INFORMATION Month's Precipitation	CURRENT INFORMATION Average +	FROM APPROX. OCT 1 TO DATE This Year	FROM APPROX. OCT 1 TO DATE Average +	FROM APPROX. OCT 1 TO DATE Percent of Average
GREAT BASIN											
UPPER BEAR RIVER (Above Harer, Idaho											
Burts-Miller Ranch	12/30	5	1.0	2.0	--	12/30	--	--	5.31	--	--
CCC Camp	12/30	13	2.0	--	--			--		--	
Hayden Fork	12/30	13	2.6	3.7	6.4	12/30	--	--	6.70	--	--
Monte Cristo R.S.	12/26	17	4.4	4.6	9.b	12/26	--	--	6.40	11.07b	58
Salt River Summit	12/30	17	3.0	2.8	5.9			--		7.17	
Stillwater Camp	12/30	10	1.8	3.1	--	12/30		--	2.11	--	--
Lily Lake	12/30	22	5.1	4.6	--	12/30		--	5.79a	--	
LOWER BEAR RIVER (Below Harer, Idaho)											
Bug Lake	12/26	18	4.6	3.3	7.7a	12/26		--	6.70a	--	
Cub River R.S.	12/27	5	1.5	2.5	3.4a			--		--	
Emigrant Summit	12/29	15	4.2	5.2	9.4b			--		--	
Franklin Basin	12/27	14	3.4	4.1	9.9b	12/27		--	6.47a	--	
Garden City Summit	12/27	12	3.2	2.9	6.9			--		8.06	
Klondike Narrows	12/27	11	3.5	3.1	7.1	12/27		--	4.83	--	--
Little Bear (lower)	12/26	9	2.8	1.8	--			--		--	
Little Bear (upper)	12/26	10	2.8	2.2	5.8b	12/26		--	6.65a	--	
Slug Creek Divide	12/29	14	3.4	3.7	7.5b			--		--	
Steep Hollow #1	12/27	24	6.9	8.1	13.6			--		--	
Steep Hollow #2	12/27	16	4.7	4.5	9.1	12/27		--		--	
Tony Grove Lake	12/27	22	5.8	16.4	12.5	12/27		--	6.05a	--	
Tony Grove R.S.	12/27	8	2.2	1.7	4.1	12/27		--	4.09	--	--
Willow Flat	12/27	8	3.1	3.4	5.9a	12/27		--	5.67	10.14b	56
OGDEN RIVER											
Beaver Creek-Skunk Creek	12/26	7	2.3	3.7	--			--		--	
Ben Lomond Peak	12/26	22	5.9	6.8	12.4	12/26		--	5.00a	--	--
Ben Lomond Trail	12/26	9	2.6	3.7	5.6b	12/26		--	5.82	12.95b	45
Causey Dam				--	--	12/26		--	3.25	6.62b	49
Dry Bread Pond	12/26	10	3.4	3.9	6.9b	12/26		--	5.40a	--	
Sagebrush Flat	12/26	0	0.0	1.8	--	12/26		--	3.07	--	--
WEBER RIVER											
Beaver Creek R.S.	12/30	6	1.0	1.4	3.6			--		--	
Chalk Creek #1	12/30	25	6.2	7.1	9.3b			--		--	
Chalk Creek #2	12/30	19	4.6	5.9	6.6b	12/30		--		--	
Chalk Creek #3	12/30	7	1.6	2.7	3.6	12/30		--	5.97	--	--
Farmington Canyon (lower)	12/26	15	4.0	6.1	9.3b	12/26		--	6.13	13.14	47
Farmington Canyon (upper)	12/26	19	5.4	6.6	12.9b			--		--	
Farmington G. S.				--	--	12/26		--	7.01	13.12b	53
Horse Ridge	12/26	14	3.8	4.7	7.9b	12/26	.56	--	3.90	--	--
Killfoil Creek	12/26	14	3.1	3.4	--			--		--	
Lost Creek Reservoir	12/26	0	0.0	0.0	--	12/26		--	7.53	--	--
Parley's Canyon Summit	12/30	15	3.4	4.7	7.9	12/30	--	--	6.67	10.49	63
Redden Mine (lower)	12/30	14	3.2	3.9	--	12/30		--	6.35	--	--
Smith & Morehouse	12/30	11	2.0	3.5	5.2	12/30		--	7.15	8.35	86
Park City Summit	1/7	24	5.5a	5.0	--			--		--	
PROVO RIVER & UTAH LAKE											
Beaver Creek Divide	12/30	11	2.0	2.6	6.2b			--		--	
Camp Altamont	12/26	18	5.2	2.0	6.5			--		--	
Clear Creek Ridge #1	12/29	13	2.4	6.4	7.2b			--		--	
Clear Creek Ridge #2	12/29	15	3.4	5.6	5.8b	12/29	--	--	5.35	--	--
Clear Creek Ridge #3	12/29	8	1.5	2.4	--			--		--	
Dutchman R.S.	12/27	17	4.8	3.3	--			--		--	
Hobble Creek Summit	12/29	14	2.3	3.1	--	12/29	--	--	5.59	--	--
Payson R.S.	12/28	13	2.8	6.9	8.0	12/28	--	--	6.34	8.74	72
Soapstone R.S.	12/30	8	1.6	2.3	5.3	12/30	--	--	5.03	7.77	65
South Fork R.S.	12/26	5	2.2	1.4	2.6			--		--	
Timpanogos Cave Camp	12/26	0	0.0	0.0	1.2			--		--	
Timpanogos Divide	12/26	26	7.7	3.0	10.8	12/26	4.40	5.23	9.70	12.46	77
Trial Lake	12/30	26	5.8	7.0	10.3	12/30	--	--	7.72	11.49	67

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

+ 1958-1972 period

SNOW	THIS YEAR			PAST RECORD		PRECIPITATION (Inches)					
						CURRENT INFORMATION			FROM APPROX. OCT 1 TO DATE		
DRAINAGE BASIN and/or SNOW COURSE NAME	Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Water Content (inches) Last Year	Water Content (inches) Average †	Date of Reading	Month's Precipitation	Average †	This Year	Average †	Percent of Average
JORDAN RIVER & GREAT SALT LAKE											
Desert Peak								--		--	
Lamb's Canyon #2	12/30	16	2.6	3.9	--	12/30		--	4.95	--	--
Middle Canyon	12/30	13	3.2	4.2	6.1b	12/30	--	--	7.10	--	--
Mill Creek	12/30	14	3.3	5.1	--			--		--	
Mill D South Fork	12/31	9	3.2	4.3	8.2			--		--	
Mt. Dell Dam				--				--		--	
Rocky Basin-Settlement Canyon				--				4.98		12.67	
Silver Lake (Brighton)	12/31	16	4.5	6.4	10.3			--		--	
Snow Bird (Gad Valley)				5.8	--			--		--	
Vernon Creek	12/30	4	1.5	3.3	4.7b	12/30	--	--	2.80	--	--
COLORADO RIVER DRAINAGE											
UPPER GREEN RIVER - UTAH											
Ashley-Twin Lakes (A)								--		--	
Black's Fork G.S.-East Fork	12/30	6	1.1	3.4	--	12/30	--	--	4.56	--	--
Black's Fork Junction	12/30	7	1.4	4.3	--	12/30	--	--	4.75	--	--
Buck Pasture (A)				--				--		--	
Burnt Creek				4.1	2.1b			--		4.49b	
Dutch John Junction				4.3	--			--		--	
Grizzly Ridge				5.3	--			--		6.31b	
Henry's Fork (A)											
Hewinta G.S.	12/30	8	1.4	3.9	--	12/30	--	--	4.81	--	--
Hickerson Park	12/31	10	2.8	--	--	12/31	--	--	4.25	--	--
King's Cabin (upper)	12/31	10	2.1	5.2	5.0b			--		--	
Reynolds Park (A)				--	--			--		--	
Spirit Lake	12/31	19	4.8	6.0	--	12/31	--	--	6.56	--	--
Steel Creek Park	12/30	25	5.6	6.6	--			--		--	
Trout Creek	12/31	12	2.6	4.6	--	12/31		--	3.35	--	
DUCHESNE RIVER											
Atwood Lake (A)				--				--		--	
Brown Duck Ridge	12/31	27	6.0	5.0	7.5b	12/31	--	--	6.20	--	--
Chepeta-Whiterocks (A)				--							
Currant Creek	12/29	1	0.1	2.3	4.0b	12/29	--	--	3.72	--	--
Daniels-Strawberry Summit	12/29	9	2.0	2.9	5.6	12/29	--	--	5.33	8.44	63
East Portal	12/30	8	3.0	3.0	4.5	12/30	1.45	--	5.01	7.80	64
Five Points Lake (A)				--				--		--	
Indian Canyon	12/29	10	2.1	2.6	5.2	12/29	--	--	4.08	6.28	65
Jackson Park	12/31	19	4.0	3.4	--	12/31	--	--	3.12	--	--
Lakefork Basin (A)				--							
Lakefork Mountain	12/31	11	2.0	2.0	5.8b			--		--	
Lakefork Mountain #3	12/31	7	1.1	1.5	--			--		--	
Lightning Lake (A)				--				--		--	
Mosby Mountain	12/31	11	2.1	1.8	4.2	12/31	--	--	4.46	6.59b	68
Paradise Park	12/31	18	4.4	3.6	5.4	12/31	--	--	5.95	8.26	72
Rock Creek	12/31	4	.6	1.0	--			--		--	
Strawberry Divide	12/30	15	3.9	4.8	7.8			--		--	
PRICE RIVER											
Dry Valley Divide Alt.	12/29	5	0.9					--		--	
Gooseberry Reservoir						12/28			4.44		
Jones Ranch											
Mud Creek	12/28	5	1.0	4.1	5.7	12/28	--	--	3.04	--	--
White River #1	12/29	10	2.0	3.3	5.4b	12/29	--	--	4.48	6.50	69
White River #2											
White River #3	12/29	2	0.4	3.0	--			--		--	
SAN RAFAEL RIVER											
Buck Flat	12/28	8	1.2	5.4	6.1b	12/28		--	4.22	6.30	67
Huntington-Horseshoe	12/28	13	3.8	8.1	--			--		--	
Orange Olsen	12/28	0	0.0	2.6	--	12/28	--	--	1.80	--	--
Red Pine Ridge	12/28	4	0.9	5.0	5.6b	12/28	--	--	4.45	--	
Rush Pond								--		--	
Seeley Creek P.S.	12/28	9	2.0	4.5	6.2b	12/28		--	3.23a	--	
Stuart R.S.	12/28	0	0.0	3.0	--	12/28	--	--	2.35	--	--
Upper Joe's Valley	12/28	3	0.4	2.9	--			--		--	
Wrigley Creek	12/28	5	0.5	2.8	--			--		--	

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

† 1958-1972 period

SNOW	THIS YEAR			PAST RECORD		PRECIPITATION (Inches)					
DRAINAGE BASIN and/or SNOW COURSE				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
MUDDY RIVER											
Black's Fork	12/28	7	1.1	3.9	--			--		--	
Dill's Camp	12/28	3	0.4	3.6	4.6b	12/28	--	--	3.97	--	--
FREMONT RIVER											
Black's Flat-U.M. Creek	12/27	7	0.8	4.3	--	12/27	.19	--	2.94	--	--
Fish Lake	12/27	6	1.4	2.0	--	12/27		--		5.02b	
Johnson Valley	12/27	3	0.8	2.8	--			--		--	
UPPER SEVIER RIVER (South of Richfield, Utah)											
Box Creek	12/27	11	1.8	4.0	4.6b	12/27	.20	--	4.45	--	--
Bryce Canyon	12/30	0	0.0	1.2	2.1			--		--	
Castle Valley	12/26	10	1.4	4.3	5.6b	12/26	.97	--	4.54	--	--
Duck Creek R.S.	12/26	6	1.2	1.7	5.2	12/26	--	--	4.35	8.03	54
Farview	12/30	3	0.6	1.9	--			--		--	
Harris Falt	12/26	0	0.0	1.2	3.0			--		--	
Kimberly Mine	12/27	14	2.9	4.7	6.2	12/27	--	--	6.21	8.07	77
Midway Valley	12/26	15	2.7	4.5	8.5			--		--	
Panguitch Lake	12/26	0	0.0	1.8	--	12/26	--	--	2.63	--	--
Rainbow Point	12/30	0	0.0	1.8	--			--		--	
Squaw Springs	12/27	4	1.0	3.5	--			--		--	
LOWER SEVIER RIVER (Including San Pitch River)											
Beaver Dam	12/28	8	1.8	4.4	4.2b	12/27	--	--	5.27	5.84b	90
Farnsworth Lake	12/27	20	4.7	9.4	8.0	12/27	--	--	6.83	8.55	80
G.B.R.C. Headquarters	12/28	19	4.2	6.1	6.8			--		8.54	
G.B.R.C. Majors										4.23b	
G.B.R.C. Meadows	12/28	20	4.7	8.8	9.0b	12/28		--	7.46	10.14	74
G.B.R.C. Oaks										5.80	
Gooseberry R.S.	12/27	11	1.5	6.2	5.3	12/27	--	--	5.69	--	--
Mammoth-Cottonwood Creek	12/28	13	2.5	5.9	7.9			--		--	
Mt. Baldy R.S.	12/28	22	5.0	7.6	9.2	12/28	--	--	5.29	7.97b	66
Oak Creek					--			--		--	
Pickle Keg Springs	12/28	12	2.4	7.0	6.4b	12/28		--	6.40a	--	
Pine Creek	12/27	11	2.8	7.2	--	12/27	--	--	7.83	--	
Ree's Flat	12/28	13	3.1	5.0	--	12/28		--	4.39	--	
Shingle Mill				--	4.5b			--		8.15b	
BEAVER RIVER											
Beaver Race Track	12/27	0	0.0	--	--			--		--	
Beaver Canyon Power House				--	--			1.73		3.39	
Big Flat	12/27	19	4.3	4.5	5.9b	12/27		--	5.08	--	
Merchant's Valley (upper)	12/27	13	2.3	7.0	--	12/27	--	--	4.45	--	
Otter Lake	12/27	10	1.8	8.2	--			--		--	
PAROWAN CREEK											
Birch Crossing	1/5	0	0.0	4.4	3.2b			--		--	
Brian Head	12/26	18	4.2	6.5	8.8b			--		--	
Tall Poles	1/5	14	2.5	6.8	6.0b			--	5.55	7.28b	76
Yankee Reservoir	12/26	6	1.3	4.7	--	12/26	--	--	2.76	--	--
ENTERPRISE TO NEW HARMONY DRAINAGES											
Little Grassy Creek	12/26	0	0.0	0.2	--						
Long Flat	12/26	0	0.0	1.8	2.1b	12/26	.68	--		--	
COAL CREEK											
Cedar City Golf Course	1/5	0	0.0	--	--			--		--	
SUSC Ranch	1/5	0	0.0	1.0	3.4b			--		--	
SOUTHEASTERN UTAH DRAINAGES											
Buckboard Flat	12/29	8	2.6	6.3	--	12/29	--	--	5.80	--	--
Camp Jackson	12/29	7	1.9	6.2	--	12/29	--	--	2.90	--	--
LaSal Mountain (lower)	12/30	13	3.4	4.8	3.6b			--		--	

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

+ 1958-1972 period

SNOW

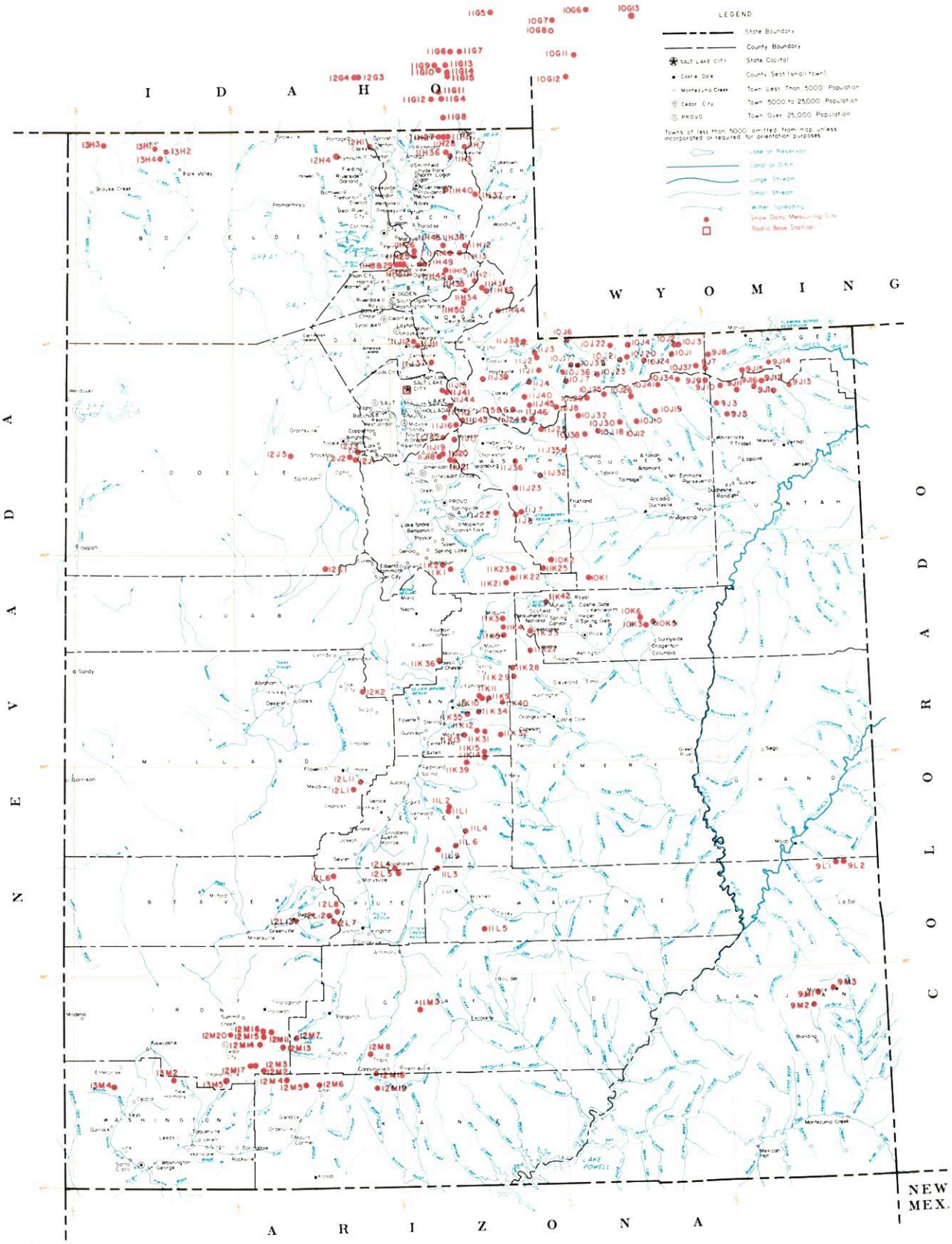
DRAINAGE BASIN and/or SNOW COURSE NAME	THIS YEAR Date of Survey	THIS YEAR Snow Depth (inches)	THIS YEAR Water Content (inches)	PAST RECORD Water Content (inches) Last Year	PAST RECORD Water Content (inches) Average +
LaSal Mountain (upper)	12/30	26	6.5	5.6	5.5b
Monticello City Park				2.2	--
ESCALANTE RIVER					
Widtsoe-Escalante #3	12/27	14	2.4	4.9	4.5
VIRGIN RIVER					
Kolob-Crystal	12/26	9	1.6	5.3	8.9b
Long Valley Junction	12/26	0	0.0	1.0	1.5
Webster Flat	12/26	10	2.2	4.4	6.6

PRECIPITATION (Inches)

DRAINAGE BASIN and/or SNOW COURSE NAME	CURRENT INFORMATION Date of Reading	CURRENT INFORMATION Month's Precipitation	CURRENT INFORMATION Average +	FROM APPROX. OCT 1 TO DATE This Year	FROM APPROX. OCT 1 TO DATE Average +	FROM APPROX. OCT 1 TO DATE Percent of Average
LaSal Mountain (upper)			--		--	
Monticello City Park						
ESCALANTE RIVER						
Widtsoe-Escalante #3	12/27	--	--	4.47	6.01	74
VIRGIN RIVER						
Kolob-Crystal			--		--	
Long Valley Junction			--		--	
Webster Flat	12/26	--	--	5.34	8.14	66

a - Partly Estimated
b - Average of all past record - less than 15 years
+ - 1958-72 15 year average period
(A) - Aerial Marker Reading

+ 1958-1972 period



SNOW COURSES AND RELATED DATA MEASURING SITES

UTAH

1981

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

SCALE 1:1,000,000

ALBERS EQUAL AREA PROJECTION

USDA-SCS-PORTLAND OR 1980 M7-01-22027

INDEX TO UTAH, BEAR & UPPER COLORADO RIVER BASINS

GREAT BASIN DRAINAGE

NO	STATE	NAME	SEC	TWP	RGE	ELEV
		UPPER BEAR RIVER (above Harer, Idaho)				
10G11	W	Big Park	7	27N	117W	8,700
10J6P	U	Burts-Miller Ranch	19	3N	10E	7,900
10G7	W	CCC Camp x	9	29N	118W	7,500
10J36p	U	Gold Hill	15	1N	9E	10,000
10J7PST	U	Hayden Fork	25	1N	9E	9,400
10G12	W	Kelly Ranger Station	13	26N	118W	8,200
10J35p	U	Lily Lake	34	2N	10E	9,050
11H12PST	U	Monte Cristo R.S.	4	8N	4E	8,960
10G6	W	Poison Meadows x	29	30N	116W	8,500
10G8P	W	Salt River Summit x	32	29N	118W	7,900
10G13MP	W	Snyder Basin x	15	29N	115W	8,400
10J17P	U	Stillwater Camp	32	2N	10E	8,550
		LOWER BEAR RIVER (below Harer, Idaho)				
11H37pST	U	Bug Lake	18	11N	5E	7,950
11G11	I	Christensen Ranch	27	13S	41E	5,600
11H38p	U	Cinnamon Creek	5	8N	3E	7,300
12H1p	U	Clarkston Mountain	29	14N	2W	6,300
11G12	I	Cub River Ranger Station	5	15S	41E	5,400
11G14a	I	Dry Basin	30	13S	42E	7,900
12G4	I	Dry Creek Flat	31	13S	37E	6,350
11G6	I	Emigrant Summit	21	12S	42E	7,350
11G7	I	Emigration Canyon (mouth)	24	12S	42E	6,500
11G8MPST	I	Franklin Basin	1	16S	41E	8,000
11H7MP	U	Garden City Summit	34 & 35	14N	4E	7,600
11H40p	U	Herd Hollow	3	11N	3E	7,200
11G15a	I	Horseshoe Basin	31	13S	42E	8,000
11H1MP	U	Klondike Narrows	10	14N	3E	7,400
11G13	I	Liberty Springs	7	13S	42E	8,240
11H26	U	Little Bear (lower)	16	8N	1E	6,000
11H25PST	U	Little Bear (upper)	22	8N	1E	6,550
12G3	I	Oxford Mountain	32	13S	37E	6,800
11G5	I	Slug Creek Divide	15	10S	44E	7,225
11H27	U	Steep Hollow #1	7	14N	3E	8,500
11H28	U	Steep Hollow #2	9	14N	3E	7,700
11G9	I	Strawberry Creek	9	13S	41E	5,800
11G10	I	Strawberry Mink Divide	14	13S	41E	6,800
11H36PST	U	Tony Grove Lake	5	13N	3E	8,400
11H3MP	U	Tony Grove Ranger Station	11	13N	3E	6,250
11G4P	I	Willow Flat	2	15S	41E	6,100
		RAFT RIVER				
13H2a	U	Clear Creek Meadows	26	14N	14W	9,050
13H4PS	U	George Peak	4	13N	14W	9,000
13H1	U	One Mile Summit	17	14N	14W	7,330
13H3a	U	VilPont	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	Killpail 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

ELEV NO
Numbering System (example)

10J7	Snow Course Only
10J7F	Snow Course and Precipitation Gage
10J7M	Snow Course and Soil Moisture Station
10J7A	Snow Course and Aerial Marker
10J7MA	Snow Course, Soil Moisture Station and Aerial Marker
10J7MF	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	Sound Data Site

United States
Department of
Agriculture

Soil
Conservation
Service

Salt Lake City
Utah

WATER SUPPLY OUTLOOK FOR UTAH

in Cooperation with Utah State
Department of Natural Resources

February 1, 1981

WATER SUPPLY OUTLOOK FOR UTAH

and

FEDERAL - STATE - PRIVATE COOPERATIVE SNOW SURVEYS

Issued by

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In Cooperation with

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

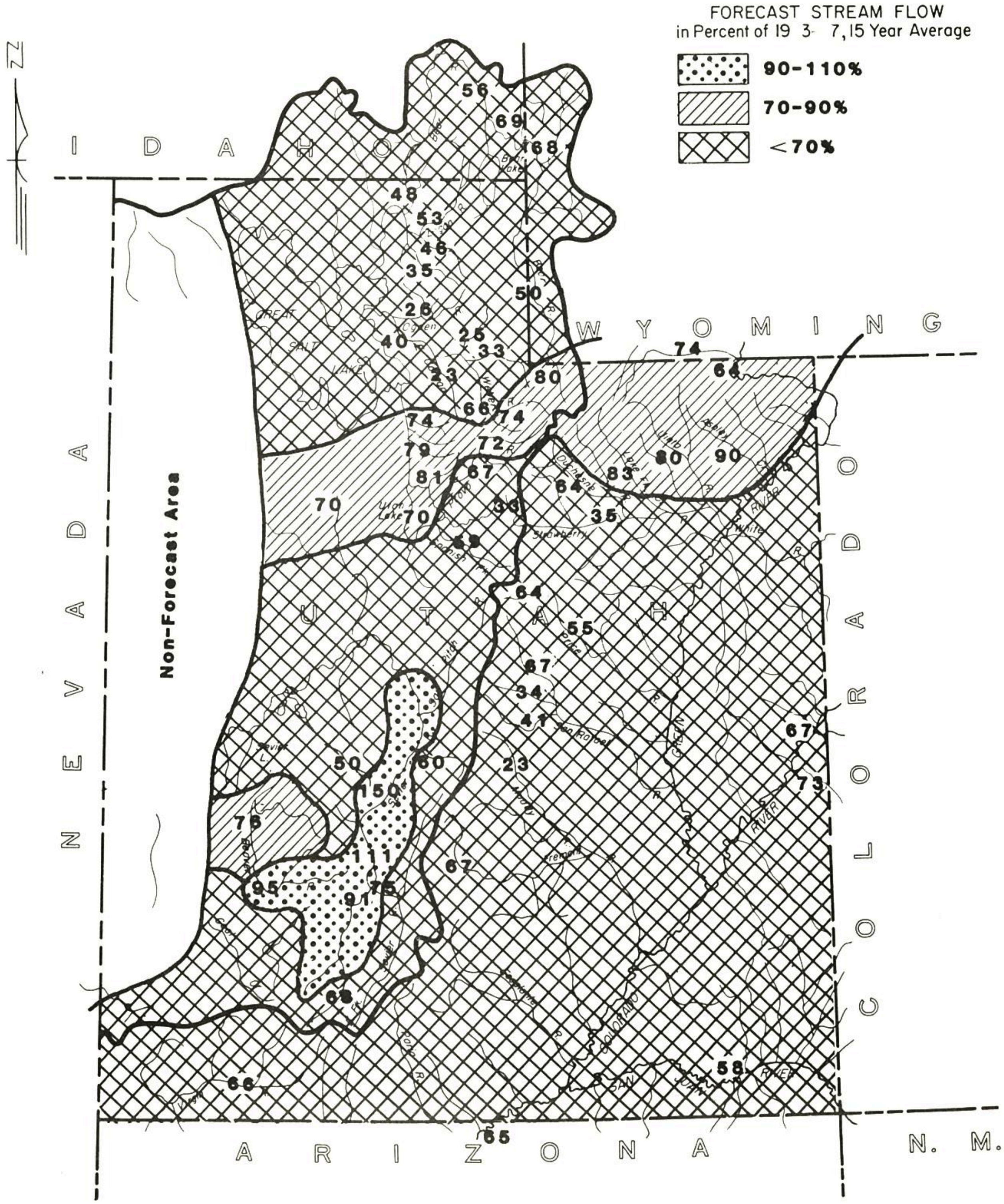
PROSPECTIVE WATER SUPPLIES

Based on Snow Surveys Made on
UTAH and BEAR RIVER WATERSHEDS

February 1, 1981

Approximate Date

50 0 50 100
SCALE IN MILES



WATER SUPPLY OUTLOOK

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* * * * * * * * * * * * * * * * * * * * * * * * * * * *
* Utah's 1981 Water Supply Outlook ranges from "poor"   *
* to "near average".  Snow cover varies from 16 to 71%  *
* of average.  Soil moisture is below average but       *
* reservoir storage is generally above average.         *
* Streamflow forecasts range from 23 to 150% for the    *
* April-July period.                                    *
* * * * * * * * * * * * * * * * * * * * * * * * * * * *
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SNOW COVER

Snow cover range from 16% of the February 1 average on the Muddy River areas to 71% on the LaSal Mountains near Moab. As a general rule the snow pack in Northern Utah is much better than February 1, 1977 while in Southern Utah it is generally worse.

Basin snow cover is as follows: Bear 35%, Ogden 28%, Weber 43%, Provo 54%, Duchesne 46%, Price 17%, San Rafael 21%, and Fremont 23%; Upper Sevier, Virgin, Blue Mountain areas are 22% of average, Beaver River 43%, Coal Creek 26% and Lower Sevier 35%.

PRECIPITATION

Precipitation at mountain stations during the October-January period has generally ranged from 30 to 70% of average. January precipitation ranged from 8 to 111% of average but generally below 50% of average.

SOIL MOISTURE

Watershed soils are generally much drier than average as reflected by the lack of fall precipitation over most of the state. These soils are expected to soak up snow melt water this spring and reduce streamflow.

RESERVOIR STORAGE

Reservoir storage statewide is about 120% of the fifteen year average and better than February 1, 1977.

Sevier River reservoirs are almost twice average for this time of year. Otter Creek and Gunnison are already full and Sevier Bridge and Piute are expected to fill.

Weber River reservoirs are above average at this time but inflow forecasts into East Canyon and Lost Creek are poor and these reservoirs may not fill unless conditions improve soon.

WATER SUPPLY OUTLOOK (continued)

Ogden River reservoirs are also above average but the inflow into Pineview is expected to be very short and this reservoir may not fill. Deer Creek Reservoir is a little below average but should fill this spring. Utah Lake is -0.10 feet below compromise and has been releasing water all winter. Smaller reservoirs in southern and central Utah may not fill this year unless conditions improve considerably soon.

STREAMFLOW FORECASTS

Streamflow forecasts range from 23% of average on Muddy River to 150% for the inflow Sigard to Gunnison on the Lower Sevier River.

Bear River forecasts range from 80% at state line to 34% at Randolph, 56% at Harer, Idaho, 53% on Logan River, 46% for Blacksmith Fork, and 35% for Little Bear.

Ogden River is forecast 32% for South Fork and 36% for Pineview inflow. Weber River is forecast 74% at Oakly, 66% at Wanship, 59% at Coalville and 40% at Gateway. Chalk Creek is forecast 33%, East Canyon 23%, Lost Creek 25%, and Hardscrabble 32% of the April-June average.

Provo River is forecast 72% at Hailstone, 67% at Deer Creek Dam and 70% for Utah Lake inflow. Salt Lake front streams are forecast from 65% on Emigration Creek to 84% for Big Cottonwood Creek. Vernon Creek is forecast 70% of the March-July average. Strawberry inflow is 33% of average. Uintah Basin streams range from 35% on Strawberry River and Current Creek to 90% for Ashley Creek.

Price River is forecast 55%, San Rafael tributaries range from 34% on Cottonwood to 67% on Huntington Creek.

Sevier River is forecast 68% at Hatch and 128% at Gunnison. Smaller tributories range from 43% at Oak Creek to 82% at Antimony Creek. Beaver River is forecast 95% at Beaver and 76% for Minersville inflow.

Virgin River is forecast 66% at Hurricane and 38% for Santa Clara. Coal Creek is forecast 63% of the April-July average.

Many water users are likely to have short water supplies by mid-summer if much above normal snow pack increases do not occur between now and April 1. Those with early water rights and/or reservoir storage are expected to have a near average supply. Others may expect a season similar to 1961 or 1977 short years.

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	1047.3	973.4	1026.5
	Woodruff Narrows	26.5	15.1	12.5	19.5
Beaver River	Minersville (RkyFd)	23.3	22.8	17.2	12.0
Little Bear	Hyrum	15.3	10.2	10.2	10.6
	Porcupine	11.3	5.2	2.8	3.0
Ogden	Causey	6.9	4.0	2.7	2.0b
	Pineview	110.1	59.3	68.4	52.2
Provo	Deer Creek	149.7	104.1	102.1	107.0
Settlement Creek	Settlement Creek	1.2	0.5	0.6	--
	Vernon Creek	0.6	0.5	0.6	--
Sevier River	Gunnison	18.2	18.2	8.0e	11.7
	Otter Creek	52.5	52.5	41.2	29.6
	Piute	71.8	60.4	51.3	40.1
	Sevier Bridge	236.0	227.6	117.7	113.6
Spanish Fork	Strawberry	270.0	213.2	158.8	150.8
Utah Lake	Utah Lake	883.9	874.4	732.5	683.1
Weber	East Canyon	48.1	36.3	30.5	27.6
	Echo	73.9	55.3	43.8	48.5
	Lost Creek	20.0	16.1	13.6	12.9
	Rockport	60.9	42.3	27.5	35.2
	Willard Bay	193.3	169.6	183.5	127.2b
COLORADO RIVER BASIN					
Ashley Creek	Steinaker	33.3	25.5	13.6	20.5
Colorado	Blue Mesa	829.5	484.5	510.0	--
	Lake Powell	25002.0	21853.0	20904.0	--
Green	Flaming Gorge	3749.0	3009.2	2318.0	--
Lakefork	Moon Lake	35.8	15.3	7.5	16.8
Price River	Scofield	65.8	49.0	43.2	34.7
San Juan	Navajo	1696.0	1300.0	1157.0	--
San Rafael	Huntington North	3.9	1.8	2.2	2.4b
	Joe's Valley	54.6	37.3	33.8	36.0b
	Mill Site	16.7	9.8	4.0e	--
Strawberry	Starvation	165.3	144.2	42.7	129.4b
Uintah	Bottle Hollow	11.3	11.3	10.2	9.8b

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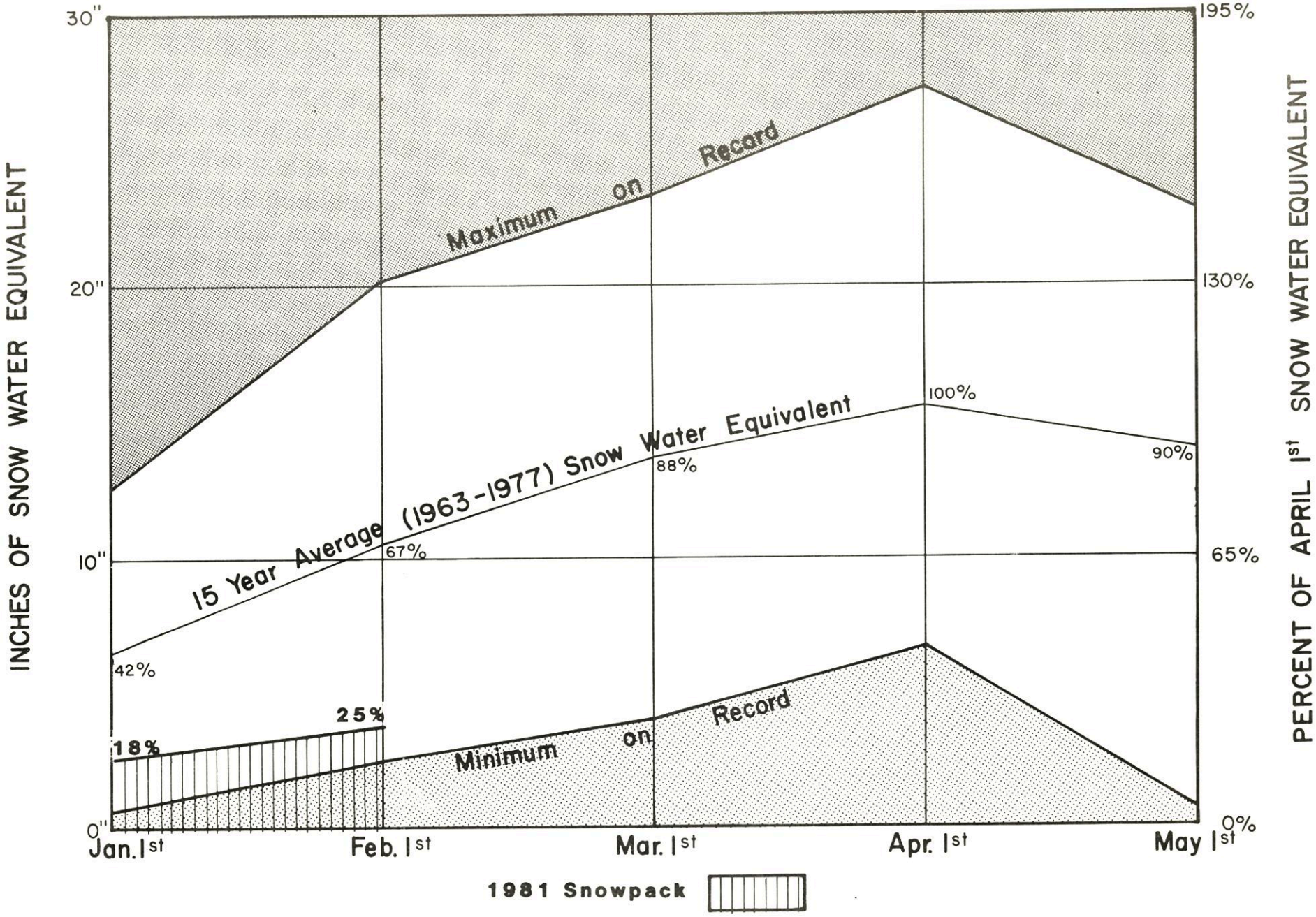
UTAH'S WINTER SNOWPACK

Data based on 79 selected snow courses



Soil Conservation Service, Salt Lake City, Utah

WATER SUPPLY OUTLOOK
BEAR RIVER BASIN in UTAH

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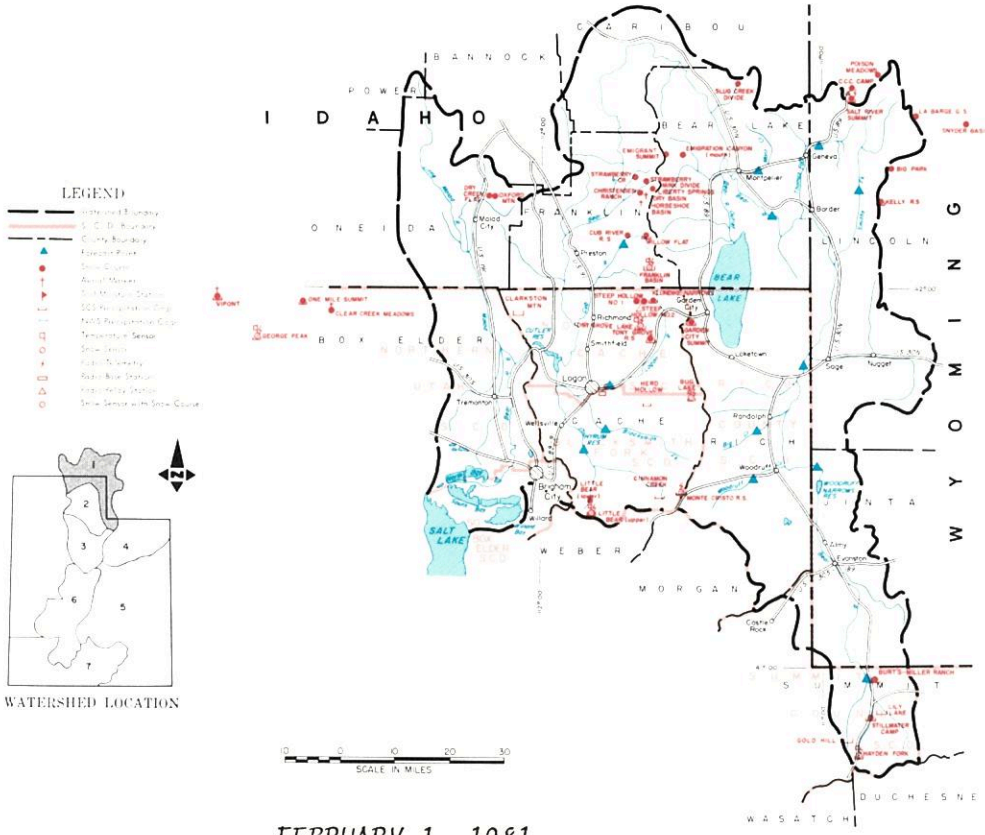

FEBRUARY 1, 1981

THE WATER SUPPLY OUTLOOK IS WELL BELOW AVERAGE

SNOW COVER ranges from 33% of the February 1 average on Logan River to 42% on the Upper Bear. Snow on the Bear Basin has generally about 1/3 as much water as last year at this time but about 1 1/2 times as much as February 1, 1977.

PRECIPITATION at mountain stations for the total period October 1-February 1 was 41% of average for Monte Cristo and 43% for Willow Flat. January precipitation ranged from 11 to 36% of average.

SOIL MOISTURE under the snow pack is well below average as reflected by the lack of fall precipitation.

RESERVOIR STORAGE is better than last year at this time. Bear Lake and Porcupine are above average while Woodruff Narrows and Hyrum are 23 and 4% below average.

STREAMFLOW FORECASTS range from 20% of the April-July average on Woodruff Creek to 80% of average for Bear near Utah-Wyo. State Line. Other forecasts on the Bear River are 50% at Woodruff, 34% at Randolph and 56% at Harer, Idaho. The Smith's Fork is forecast 68%. Thomas Fork 69%, Cub River 48%, Logan River 53%, Blacksmith Fork 46%, and Little Bear 35% of average. Water users in this area are expected to have water supply shortages this season unless considerably above average snow fall occurs in the next two or three months.

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WATER SUPPLY OUTLOOK

WEBER-OGDEN WATERSHEDS in UTAH

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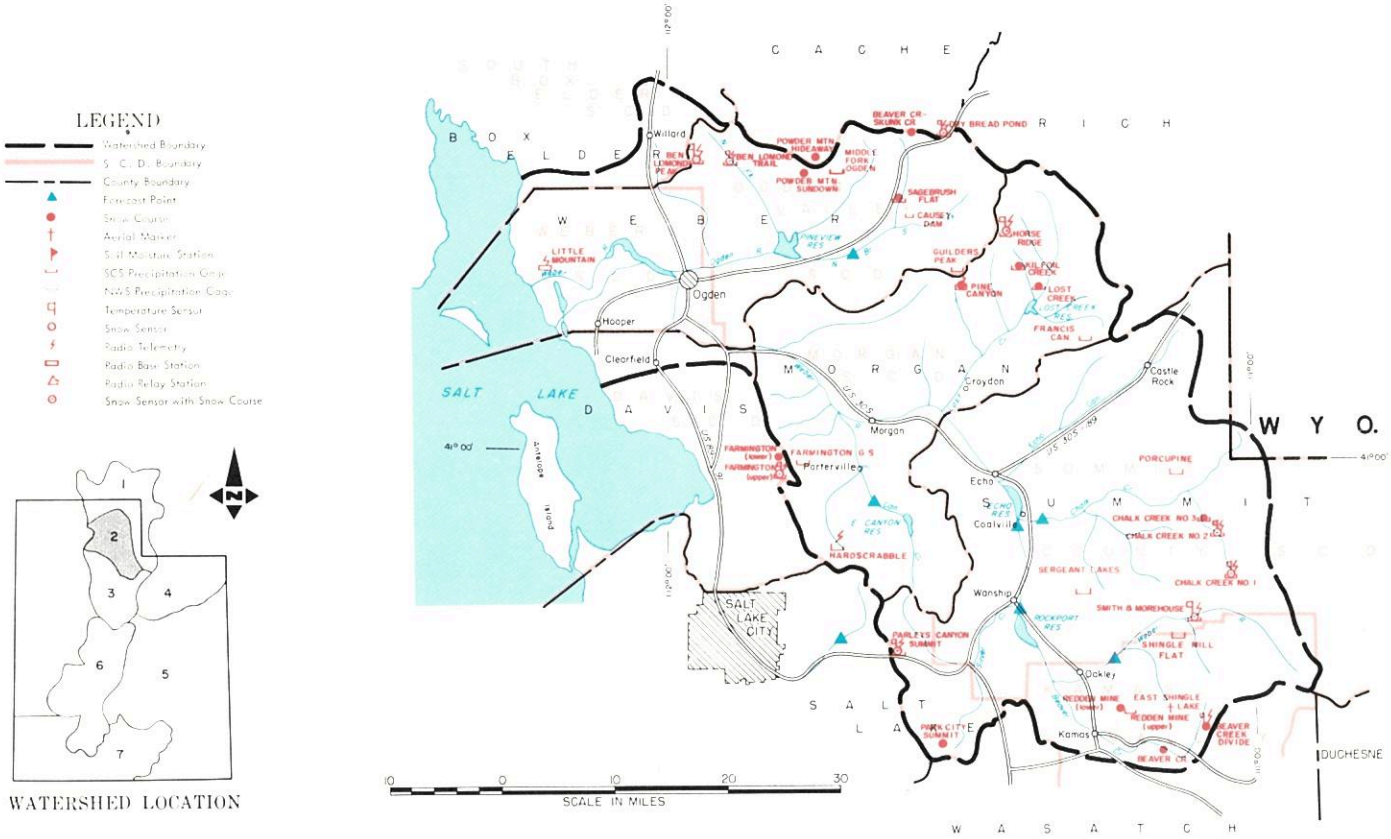

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THE WATER SUPPLY OUTLOOK IS BELOW AVERAGE TO WELL BELOW AVERAGE

SNOW COVER ranges from 28% of average on the Ogden River to 43% on the Weber River. Most measurements average about 1/3 as much as last February 1 but about 1 1/2 to 2 times as much as February 1, 1977. The storm that occurred the last day or two of January only improved the snow pack from 4% at Monte Cristo to 14% at Farmington Upper. Many more storms like this are needed to bring the snow pack up to near average by April 1.

PRECIPITATION at mountain locations for the October-January period ranged from 33% of average at Ben Lomond Trail to 72% at Smith and Morehouse. January precipitation at these same locations was 12% and 41% respectively.

SOIL MOISTURE under the snow pack is much drier than usual as reflected by the lack of fall precipitation. This moisture will be made up from the melting snow pack.

RESERVOIR STORAGE is above average and varies from 114% at Pineview (59,500 A.F.) and Echo (55,400 A.F.) to 133% at Willard (169,600 A.F.) and 200% at Causey (4,100 A.F.) Rockport is 120% (42,300 A.F.) and Lost Creek 125% (16,100 A.F.).

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STREAMFLOW FORECASTS range from 23% (6,000 A.F.) for the April-June period on East Canyon Creek to 74% (77,000 A.F.) for Weber at Oakley. Other Weber River forecasts are as follows. Rockport Inflow 66% (74,000 A.F.), Echo Inflow 56% (89,000 A.F.), Chalk Creek 33% (13,000 A.F.), Lost Creek 25% (4,400 A.F.), Hardscrabble 32% (6,100 A.F.), and at Gateway 40% (123,000 A.F.). Farmington Creek is forecast 47% (3,800 A.F.). The South Fork Ogden is forecast 32% (18,000 A.F.) of the April-June average and Pineview Inflow 36% (41,000 A.F.).

Water supplies in this area are expected to be very poor for those users with later water rights and to be near average for those water users with better water rights. At least 1 1/2 to twice average snowfall is needed between now and April 1 to bring us up to near average.

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

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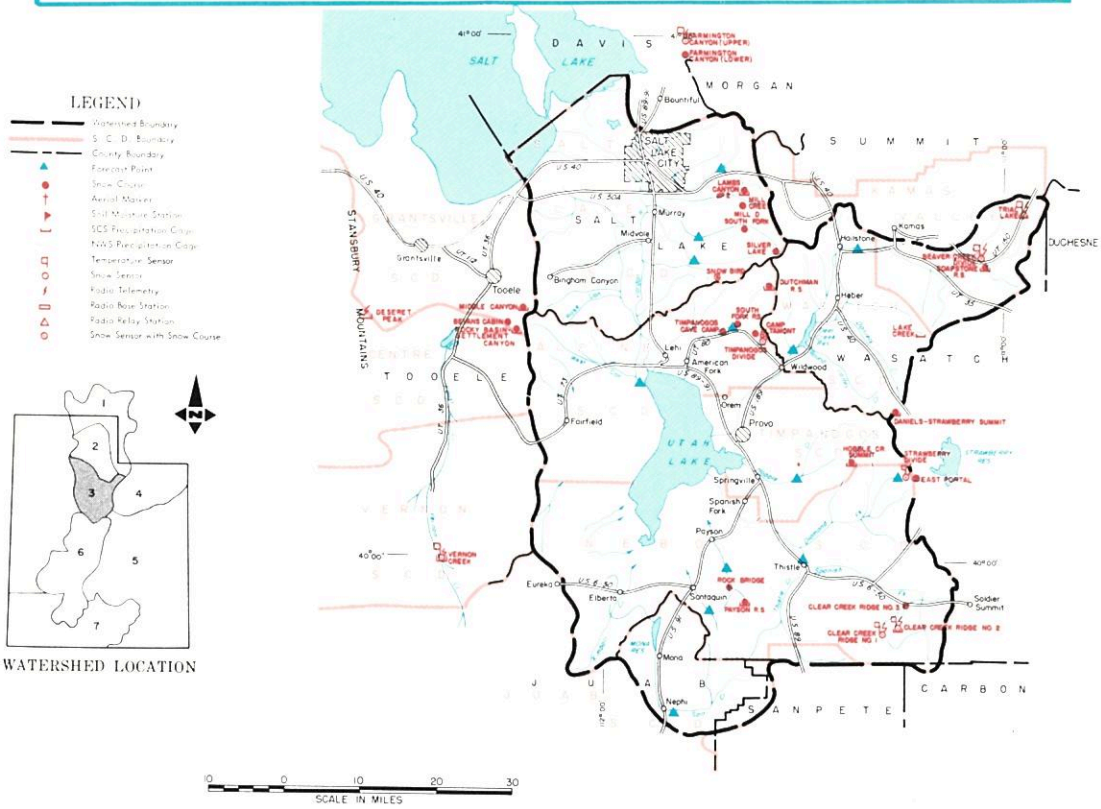

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THE WATER SUPPLY OUTLOOK IS BELOW AVERAGE

SNOW COVER ranges from 34% of average in Tooele Valley to 54% on Provo River-Utah Lake drainage. Jordan River-Salt Lake Front drainages are 39% of the February 1 average. Snow water content this year is 1 1/2 to almost 3 times that of February 1, 1977 along the Salt Lake Front but only 9% better than '77 in Middle Canyon above Tooele.

PRECIPITATION at mountain locations ranged from 45% at Hobble Creek Summit to 76% at Middle Canyon for the October-January period. January ranged 39% of average at Timpanogos Divide to 77% at Soapstone.

SOIL MOISTURE under the snow pack is drier than usual and will absorb some snow melt this spring.

RESERVOIR STORAGE is near average in Deer Creek (104,100 A.F.) and above average in Strawberry (213,200 A.F.) and Utah Lake (874,400 A.F.).

STREAMFLOW FORECASTS range from 33% of average for Strawberry Inflow to 84% for Big Cottonwood. Provo River is forecast 72% at Hailstone, 67% at Deer Creek Dam and 70% at Utah Lake Inflow. Payson Creek is forecast 59%, Spanish Fork 59%, Hobble Creek 57% and American Fork 81%.

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Streams along the Salt Lake Front are forecast from 65% on Emigration Creek to 79% on Little Cottonwood. Parleys Creek is forecast 74%, Mill Creek 71%, and City Creek 68%. Vernon Creek is forecast 70% of the March-July average.

Water users in this area are expected to have below average water supplies unless they have an early water right.

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WATER SUPPLY OUTLOOK

UINTAH BASIN and DAGGETT SCD's in UTAH

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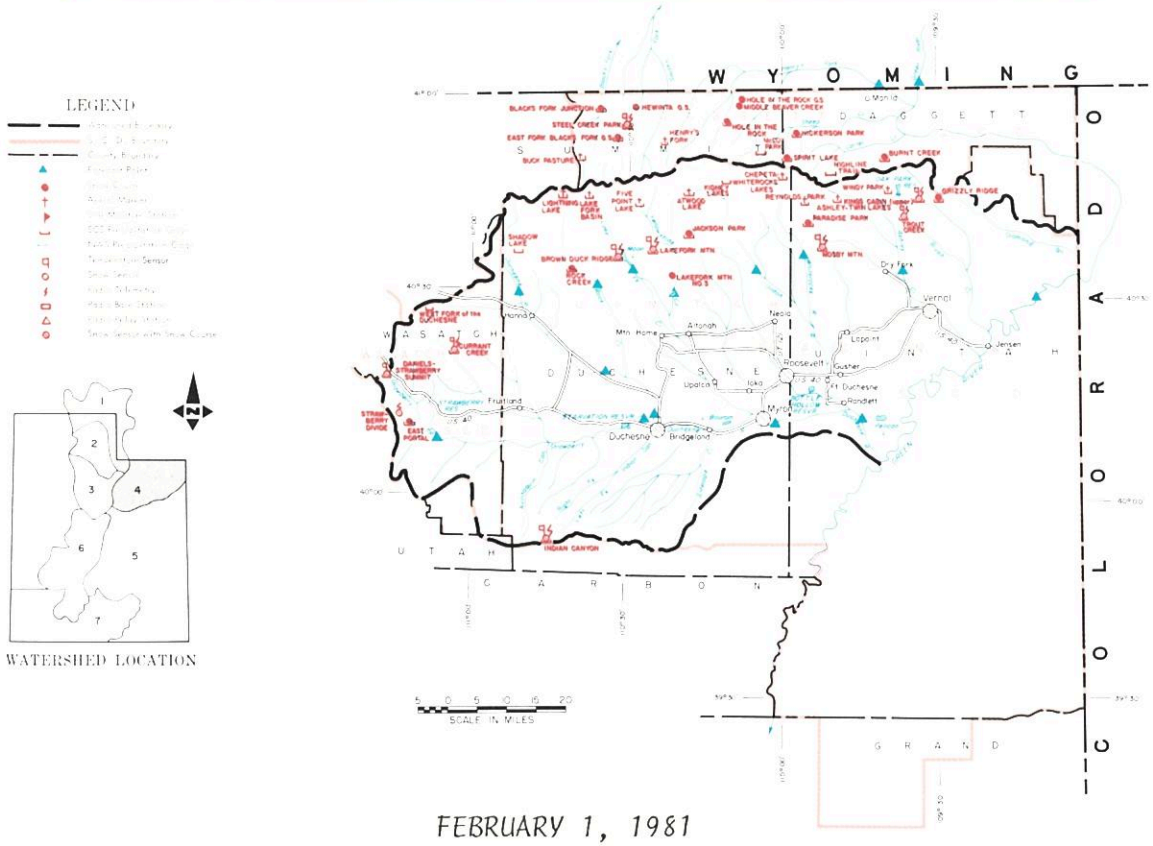

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THE WATER SUPPLY OUTLOOK IS BELOW AVERAGE

SNOW COVER ranges from 23% of average on Strawberry River to 71% on Lakefork-Yellowstone Creeks. The Uintah-Whiterocks is 69% and Ashley Creek 63% of the February 1 average. Snow cover in Uintah Basin this year is much better than on February 1, 1977 except on Strawberry and Currant Creek.

PRECIPITATION at mountain stations for the October-January period ranged from 48% of average at Daniels Summit to 92% at Paradise Park. January precipitation was 8% of average at Indian Canyon and 111% at Paradise Park.

SOIL MOISTURE under the snow pack is well below average at most locations as indicated by fall precipitation.

RESERVOIR STORAGE ranges from near average at Moon Lake to 124% of average at Steinaker. Starvation is reported as being held down some to complete a study.

STREAMFLOW FORECASTS range from 35% for Currant Creek and Strawberry River to 90% for Ashley Creek for the April-July period. The Duchesne is forecast 64% at Tabiona, 67% at Duchesne, 54% at Myton, and 50% at Randlett. Rock Creek is forecast 74%, Lakefork 83%, Yellowstone 79%, Uintah 80% and White Rocks 88% of the April-July average.

Water users in this area are expected to have some shortages in late season unless weather conditions improve the snow pack by April 1.

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

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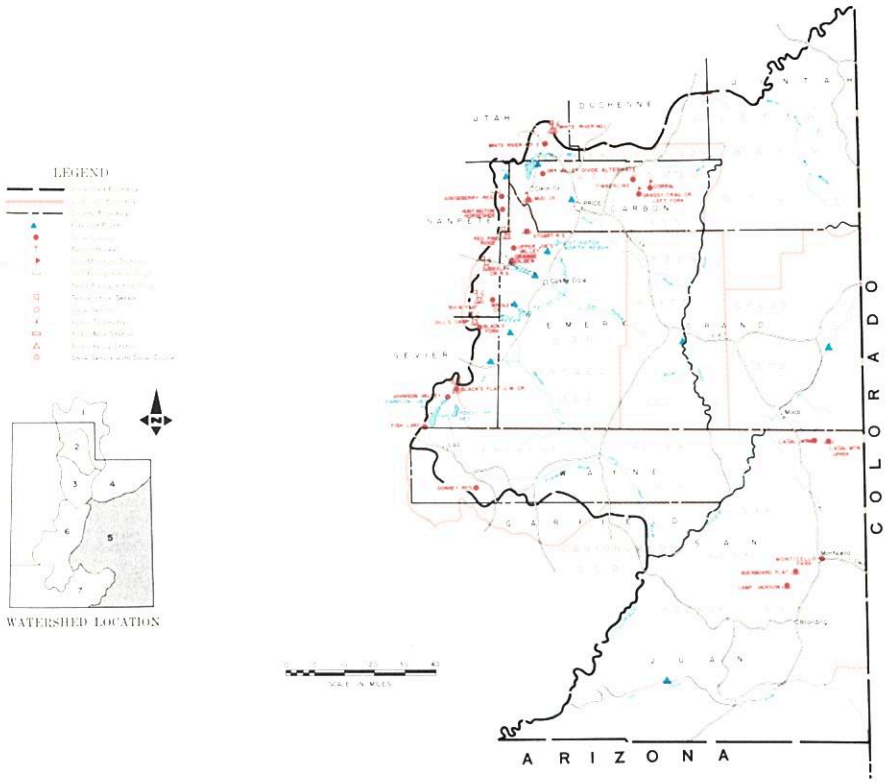

FEBRUARY 1, 198

THE WATER SUPPLY IS WELL BELOW AVERAGE

SNOW COVER ranges from 16% of average on Muddy Creek to 46% on the LaSal Mountains above Moab. Price River is 17%, San Rafael tributaries are 21% and Fremont 23% of the February 1 average. Snow courses in the higher elevations such as Seeley Creek and Huntington-Horseshoe have about 1 1/2 to 2 times the water content they had February of 1977. Lower elevation sites have less than 1977 water contents.

PRECIPITATION at mountain locations has been less than half average for the October-January period at most stations. January precipitation was very short with only 15% of average at Mud Creek on the head of the Price River.

SOIL MOISTURE under snow pack is much drier than usual and will absorb several inches of snow melt water.

RESERVOIR STORAGE is near average in Huntington and Joe's Valley and above average in Scofield and Mill Site.

STREAMFLOW FORECASTS range from 23% of the April-July average on Muddy Creek to 73% on Mill Creek near Moab. Other forecasts are as follows: Scofield Inflow 64% (23,000 A.F.), Price River 55% (35,000 A.F.), Huntington Creek 67%

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(31,000 A.F.), Cottonwood 34% (15,000 A.F.), Ferron Creek 41% (14,000 A.F.) and Seven Mile Creek 67% (4,300 A.F.). The Colorado at Cisco is forecast 67%, Green River 64% and San Juan near Bluff 58% of the April-July average.

Water users in the area are expected to have short water supplies unless they have a good storage water right.

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WATER SUPPLY OUTLOOK

SEVIER RIVER BASIN including BEAVER RIVER in UTAH

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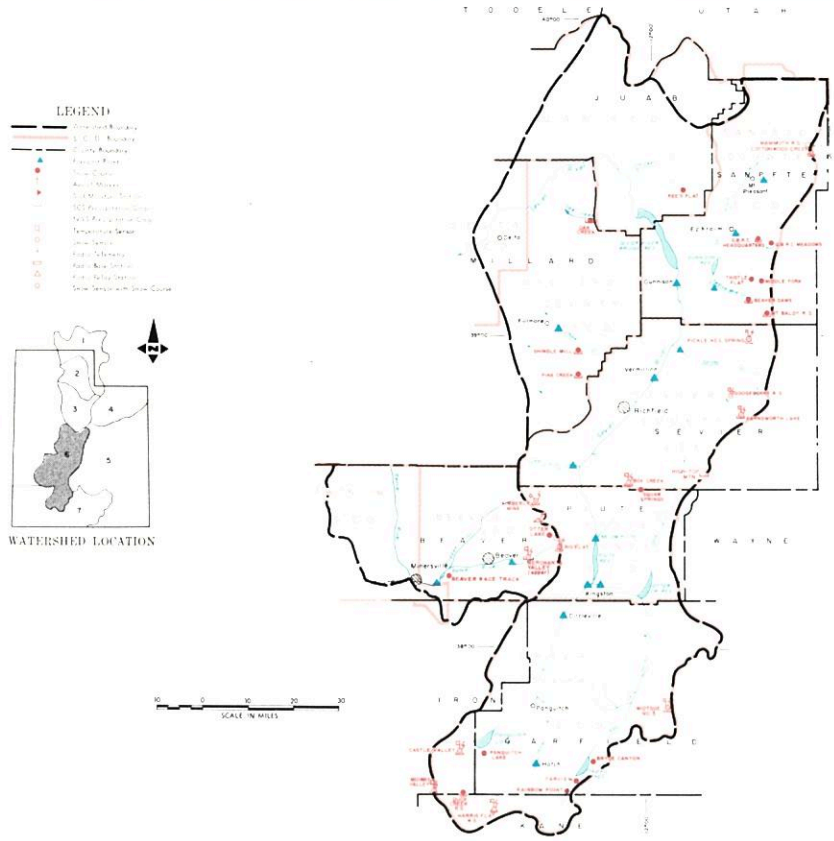

FEBRUARY 1, 1981

THE WATER SUPPLY OUTLOOK IS NEAR AVERAGE TO POOR

SNOW COVER ranges from 22% on the South Fork Sevier to 43% on the Beaver. The East Fork Sevier is 32% and the Lower Sevier is 35% of the February 1 average. Some snow courses on the upper Sevier have less snow water content than February 1, 1977 and others have very little more than that extremely dry year. Lower Sevier and Beaver River high elevation courses are 20 to 30% better than 1977 but medium elevation courses are about 20 to 30% less than 1977.

PRECIPITATION at mountain stations for January ranged from only 20 to 50% of average and is only 44 to 83% for the October-January period.

SOIL MOISTURE is well below average under the snow pack.

RESERVOIR STORAGE is very good. Sevier River storage ranges from 151% (60,400 A.F.) at Piute to 200% (227,600 A.F.) at Sevier Bridge. Otter Creek and Gunnison are reported as full and Minersville is almost full at 190% (22,800 A.F.).

STREAMFLOW FORECASTS have dropped this month and range from 43% of average on Oak Creek to 150% for the Inflow Sigurd to Gunnison. The Sevier is forecast 68% at Hatch, 91% at Circleville, 91% at Kingston, 75% on the East Fork, 111%

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at Piute Dam and 128% at Gunnison. Antimony Creek is forecast 82%, Clear Creek 58%, Salina Creek 60%, Chalk Creek 50%, Chicken Creek 48%, Ephraim Creek 59%, and Pleasant Creek 70% of the April-July average.

Beaver River is forecast 95% at Beaver, North Creeks 86% and Inflow to Minersville 76%.

Water users in this area not depending on reservoir storage are expected to have water shortages by mid summer. Those with good storage water rights are expected to have a good season.

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WATER SUPPLY OUTLOOK

EAST GARFIELD, KANE, WASHINGTON and IRON COUNTIES in UTAH

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THE WATER SUPPLY OUTLOOK IS WELL BELOW AVERAGE

SNOW COVER is generally less this year than February 1977, and ranges from no snow on the Little Grassy and Long Flat courses to 22% of average on the Virgin watershed to 26% on Coal Creek to 34% on Parowan Creek.

PRECIPITATION at mountain stations has been very short for the October-January period ranging from 48% of the 15 year average at Webster Flat to 66% at Tall Poles. January precipitation at these same sites was 8% at Webster Flat and 32% at Tall Poles.

SOIL MOISTURE on mountain watersheds is much drier than usual and will soak up some snow melt runoff.

RESERVOIR STORAGE is below average with some reservoirs drawn down for repairs.

STREAMFLOW FORECASTS range from 38% of the April-June average on Santa Clara to 66% for the Virgin. Coal Creek is forecast 63% and the inflow to Lake Powell 65%.

Water users is this area are expected to have water shortages this season unless they have a very good water right or the weather provides a heavy accumulation of snow soon.

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SNOW	THIS YEAR			PAST RECORD		PRECIPITATION (Inches)					
DRAINAGE BASIN and or SNOW COURSE				Water Content (inches)		CURRENT INFORMATION			FROM APPROX. OCT 1 TO DATE		
NAME	Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Last Year	Average +	Date of Reading	Month's Precipitation	Average +	This Year	Average +	Percent of Average
GREAT BASIN											
UPPER BEAR RIVER (Above Harer, Idaho)											
Burts-Miller Ranch	1/29	8	1.9	5.9	--	1/29	0.42	--	5.73	--	--
CCC Camps	1/29	25	3.4	8.2	8.6						
Hayden Fork	2/2	26	5.3	13.3	9.6b	2/2	2.67	--	9.37	--	--
Monte Cristo R.S.	1/26	21	5.0	19.8	16.3	1/26	0.70	6.10b	7.10	17.12	41
Salt River Summit	1/29	32	5.2	10.2	11.0	1/29	1.50	4.18		11.35	
Stillwater Camp	2/2	21	3.3	9.8	7.2	2/2	1.04				
Lily Lake	2/2	21	3.3	--	--						
LOWER BEAR RIVER (Below Harer, Idaho)											
Bug Lake	1/26	23	5.3	14.4	13.1b						
Cub River R.S.	1/26	12	2.8	6.2	6.4						
Emigrant Summit	2/2	39	7.1	16.6	17.0						
Franklin Basin	1/26	20	5.2	18.1	17.8a						
Garden City, Summit	1/26	18	3.9	12.8	11.6	1/26	--	4.27	--	12.33	--
Klondike Narrows	1/27	16	4.0	16.3	13.0	1/27	0.67	--	5.50	--	--
Little Bear (lower)	1/26	14	3.2	7.7	6.2						
Little Bear (upper)	1/26	16	3.3	8.2	8.7b						
Slug Creek Divide	1/29	21	4.4	13.2	11.5						
Steep Hollow #1	1/26	34	8.2	25.2	23.3						
Steep Hollow #2	1/26	24	6.0	19.3	17.1						
Tony Grove Lake	1/27	31	7.0	26.0	21.5b						
Tony Grove R.S.	1/26	12	2.5	9.4	8.6	1/26	0.66	--	4.75	--	--
Willow Flat	1/26	14	3.8	11.6	10.9	1/26	0.91	5.00b	6.58	15.14	43
OGDEN RIVER											
Beaver Creek-Skunk Creek	1/26	9	2.2	10.8	8.3						
Ben Lomond Peak	1/26	29	7.1	27.3	22.4b						
Ben Lomond Trail	1/26	18	3.7	13.8	12.4b	1/26	0.92	7.56b	6.74	20.51b	33
Causey Dam						1/26	0.48	2.56b	3.73	9.49	39
Dry Bread Pond	1/26	12	3.6	15.9	12.2						
Sagebrush Flat	1/26	1	0.2	6.0	4.1	1/26	0.39	--	3.46	9.49	36
WEBER RIVER											
Beaver Creek R.S.	2/2	21	3.9	8.6	5.9						
Shalk Creek #1	1/29	37	8.0	18.7	13.6a						
Chalk Creek #2	1/29	26	5.8	12.0	9.7						
Chalk Creek #3	1/29	11	3.0	7.5	5.4	1/29	0.68	--	6.45	9.44b	68
Farmington Canyon (lower)	1/26	23	5.6	14.1	14.0b	1/26	0.28	5.22b	6.41	18.36	35
Farmington Canyon (upper)	1/26	24	6.3	18.6	19.5b						
Farmington G.S.						1/26	0.91	--	7.92	--	--
Horse Ridge	1/26	18	4.4	17.1	15.0a	1/26	0.83	--	4.73	--	--
Kilfoil Creek	1/26	17	3.7	13.6	--						
Lost Creek Reservoir	1/26					1/26	0.37	--	7.90	--	--
Park City Summit	2/2	36	8.6								
Parley's Canyon Summit	1/29	24	4.9	11.6	12.7	1/29	0.93	4.31	7.60	14.80	51
Redden Mine (lower)	1/29	25	5.5	14.8	--	1/29	1.18	--	7.53	--	
Sargeant Lakes (A)	1/26	6	1.3								
Smith & Morehouse	1/29	21	4.3	10.6	8.9	1/29	1.45	3.55	8.60	11.90	72
PROVO RIVER & UTAH LAKE											
Beaver Creek Divide	2/2	28	5.4	12.0	8.9b						
Camp Altamont	1/30	40	9.2	14.4	10.2						
Clear Creek Ridge #1	1/28	19	3.9	17.3	11.2b						
Clear Creek Ridge #2	1/28	20	4.0	12.9	9.6b	1/28	0.56	--	5.91	10.87b	54
Clear Creek Ridge #3	1/28	8	2.2	7.4	5.5						
Dutchman R.S.	1/29	34	8.0	17.6	12.9					17.60b	
Hobble Creek Summit	1/29	21	3.5	10.9	9.6	1/29	0.99	--	6.58	14.47	45
Payson R.S.	1/28	16	4.1	15.2	12.2						
Soapstone R.S.	2/2	23	3.8	10.8	8.6	2/2	2.53	3.30	7.56	12.04	63
South Fork R.S.	1/29	12	3.3	4.3	4.5			3.39		11.16	
Timpanogos Cave Camp	1/29	1	0.4	1.8	2.3						
Timpanogos Divide	1/30	51	11.2	23.2	16.9	1/30	1.92a	4.97	11.62	17.43	67
Trial Lake	2/2	48	10.0	20.4	15.6	2/2	3.51	4.71	11.23	16.20	69

+ 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
JORDAN RIVER & GREAT SALT LAKE											
Bevan's Cabin											
Lamb's Canyon #2	1/29	24	4.4	10.4	11.1	1/29	0.84	--	5.71	--	--
Middle Canyon	1/25	17	3.7	7.7	9.2	1/25	0.30	2.71b	7.40	9.74	76
Mill Creek	1/28	19	4.5	10.7	--						
Mill D. South Fork	1/30	27	4.9	10.5	13.2						
Mt. Dell Dam								2.16		9.73	
Rock Basin-Settelement Canyon											
Silver Lake (Brighton)	1/30	38	7.4	17.0	15.8	1/31	4.10	5.36	12.19	18.07	68
Snow Bird (Gad Valley)				23.6	23.6						
Vernon Creek	1/25	12	2.0	8.0	7.5b	1/25	0.60	--	3.40	--	--
UPPER SEVIER RIVER (South of Richfield, Utah)											
Box Creek	1/26	15	2.6	10.8	7.8	1/26	0.49	--	4.94	--	--
Bryce Canyon	1/29	0	0.0	3.7	3.0						
Castle Valley	1/25	13	2.5	10.3	7.5a	1/25	0.45	--	4.99	--	--
Duck Creek R.S.	1/25	0	0.0	14.5	8.0	1/25	0.40	2.87	4.75	10.90	44
Farview	1/29	4	0.7	7.9	5.5						
Harris Flat	1/25	0	0.0	9.3	5.3						
Kimberly Mine	1/26	23	4.4	14.1	9.5b	1/26	0.84	3.3b	7.05	11.20	63
Midway Valley	1/25	17	3.8	18.2	12.7						
Panguitch Lake	1/25	0	0.0 -	4.0-	--	1/25	0.24	--	2.87	--	--
Rainbow Point	1/29	1	0.2	7.6	4.6						
Squaw Springs	1/26	2	0.5-	7.6-	--						
LOWER SEVIER RIVER (Including San Pitch River)											
Beaver Dams	1/27	10	2.5	7.8	9.3b	1/27	0.58	--	5.85	--	--
Farnsworth Lake	1/26	25	5.7	14.1	11.8	1/26	0.64	3.09	7.47	11.64	64
G.B.R.C. Headquarters	1/27	18	3.6	11.5	9.8	1/27	0.64	2.98	7.61	11.52	66
G.B.R.C. Majors						2/2	0.65	1.42	4.60	5.65	81
G.B.R.C. Meadows	1/27	24	5.7	16.6	13.5	1/27	1.24	3.84	8.70	13.98	62
G.B.R.C. Oaks						2/2	1.03	2.02	5.68	7.82	73
Gooseberry R.S.	1/26	16	2.8	9.1	7.4	1/26	0.49	2.45b	6.18	7.49b	83
Gooseberry Reservoir						1/28	1.96	3.71	6.40	12.09	53
Mammoth-Cottonwood Creek Middle Fork	1/28	18	3.4	16.2	13.2						
Mt. Baldy R.S.	1/27	26	5.8	16.4	--	1/27	0.55	--	5.84	--	--
Oak Creek	2/2	26	3.8	--	--	2/2	--	--	6.60	--	--
Pickle Keg Springs	1/27	15	2.9	12.3	10.5						
Pine Creek	1/26	14	3.6	12.5	10.6	1/26		--	2.75	--	--
Ree's Flat	1/27	17	4.0	10.1	--	1/27	0.52	--	4.91	--	--
Shingle Mill	2/2	17	3.0	--	5.7	2/2	--	2.10b	6.70	10.25	65
Thistle Flat											
BEAVER RIVER											
Beaver Canyon Power House								1.23		5.45	
Beaver Race Track	1/30	4	0.2	0.5	--						
Big Flat	1/26	25	5.0	13.8	10.0	1/26	0.86	--	5.94	9.93	60
Merchant's Valley (upper)	1/26	17	2.8	9.8	7.5b	1/26	0.79	--	5.24	9.18b	57
Otter Lake	1/26	18	2.9	10.4	7.5						
PAROWAN CREEK											
Birch Crossing	1/30	4	0.3	9.0	4.3b						
Brian Head	1/25	21	4.5	15.5	12.4b						
Tall Poles	1/30	22	3.8	12.2	8.5b	1/30	0.70	2.20b	6.25	9.48b	66
Yankee Reservoir	1/25	8.0	1.0	7.6	--	1/25	0.03	--	2.79	--	--
ENTERPRISE TO NEW HARMONY DRAINAGES											
Little Grassy Creek	1/25	0	0.0	7.3	--		0.14	--		--	
Long Flat	1/25	0	0.0	5.7	4.7	1/25	0.42	--		--	
COAL CREEK											
Cedar City Golf Course	1/30	5	0.2	0.5	--						
SUSC Ranch	1/30	16	1.5	7.3	5.8b						

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

+ 1958-1972 period.

FEBRUARY 1, 1981

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)	1/27	24	5.5								
Black's Fork G.S.-East Fork	2/2	16	3.0	7.5	--	2/2	1.44	--	6.00	--	--
Black's Fork Junction	2/2	16	2.8	9.6	--	2/2	1.04	--	5.79	--	--
Buck Pasture (A)	1/27	27	5.1								
Burnt Creek	1/29	8	1.6	5.7	--	1/29	0.05	1.60b	4.60	6.09b	76
Dutch John Junction											
Grizzly Ridge	1/29	6	1.6	11.5	--	1/29	0.40	2.44b	5.25	8.75b	60
Henry's Fork	1/27	25	4.2								
Hewinta G.S.	2/2	17	3.0	9.1	--	2/2	1.35	--	6.16	--	--
Hickerson Park	2/3	17	4.1	7.5	--	2/3	0.97		5.22		
King's Cabin (upper)	2/3	22	4.7	10.3	7.5c	2/3	2.03				
Reynolds Park (A)	1/27	24	5.5								
Spirit Lake	2/3	36	7.8	10.0	--	2/3	2.66	--	9.22	--	
Steel Creek Park	2/2	41	7.1	13.0		2/2	1.68a		6.37a		
Trout Creek	2/3	26	5.1	9.5	--	2/3	1.96	--	5.31a	--	
DUCHESNE RIVER											
Atwood Lake (A)	2/4	27	5.1								
Brown Duck Ridge	2/3	45	7.9	16.5	9.5	2/3	1.91	--	8.14	--	
Chepeta-Whiterocks	2/3	39	7.4			2/3					
Currant Creek	1/28	2	0.3	11.8	7.3b			--		--	
Daniels-Strawberry Summit	1/28	14	2.4	14.1	10.0	2/2	0.44	3.59	5.77	12.03	48
East Portal	1/28	14	2.5	9.0	7.4	1/28	0.59	3.34	5.60	11.14	50
Five Points Lake (A)	1/27	21	3.8			1/27			4.50a		
Indian Canyon	1/28	12	2.4	11.1	8.0	1/28	0.18	2.41	4.26	8.69	49
Jackson Park	2/3	34	6.5	--	--	2/3	2.40	--	5.52	--	--
Lakefork Basin (A)	1/27	27	4.9								
Lakefork Mountain #1	2/3	16	4.8	10.4	6.8	2/3	2.04	--		8.68	
Lakefork Mountain #3	2/3	15	3.0	9.4	--						
Lightning Lake (A)	2/4	48	11.3								
Mosby Mountain	2/4	21	3.8	10.5	6.3	2/4	1.37	2.28b	5.83	8.87	66
Paradise Park	2/3	27	6.3	12.5	8.3	2/3	2.65	2.39b	8.60	9.36	92
Rock Creek Ranch	2/3	13	2.5	9.5	--	2/4	1.31a	--			
Strawberry Divide	1/28	19	4.0	15.6	12.4						
PRICE RIVER											
Dry Valley Divide Alternate	1/28	2	0.5	9.9	7.2						
Mud Creek	1/27	10	1.3	11.8	8.8	1/27	0.41	2.70	3.45	9.20	38
White River #1	1/28	12	2.5	11.6	8.6	1/28	0.27	--	4.75	--	--
White River #3	1/28	1	0.2	8.2	--						
SAN RAFAEL RIVER											
Buck Flat	1/27	11	1.6	12.8	10.2	1/27	0.48	--	4.70	11.29b	42
Huntington-Horseshoe	1/27	20	5.4	16.1	14.8b						
Orange Olsen	1/27	0	0.0	5.9	--	1/27	0.10	--	1.90	5.22b	36
Red Pine Ridge	1/27	8	1.4	12.0	10.7	1/27	0.72	--	5.72	12.77	45
Seeley Creek R.S.	1/27	11	2.2	11.4	9.3b	1/27	0.62a		3.85a		
Stuart R.S.	1/27	1	0.2	8.1	--	1/27	0.25	--	2.60	--	--
Upper Joe's Valley	1/27	3	0.5	8.5	6.6						
Wrigley Creek	1/27	0.7	0.9	10.6	6.4						
MUDDY RIVER											
Black's Fork	1/27	9	1.4	10.6	7.7b						
Dill's Camp	1/27	5	0.9	10.5	7.0b	1/27	0.31	--	4.28	--	
FREMONT RIVER											
Black's Flat-U.M. Creek	1/26	11	1.7	9.4	6.9	1/26	0.39	--	3.33	--	--
Fish Lake	1/25	4	0.7	5.7	5.2	1/26	0.21	1.33b	2.59a	6.35	41
Johnson Valley	1/26	1	0.1	6.0	4.3						

+ 1958-1972 period.

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

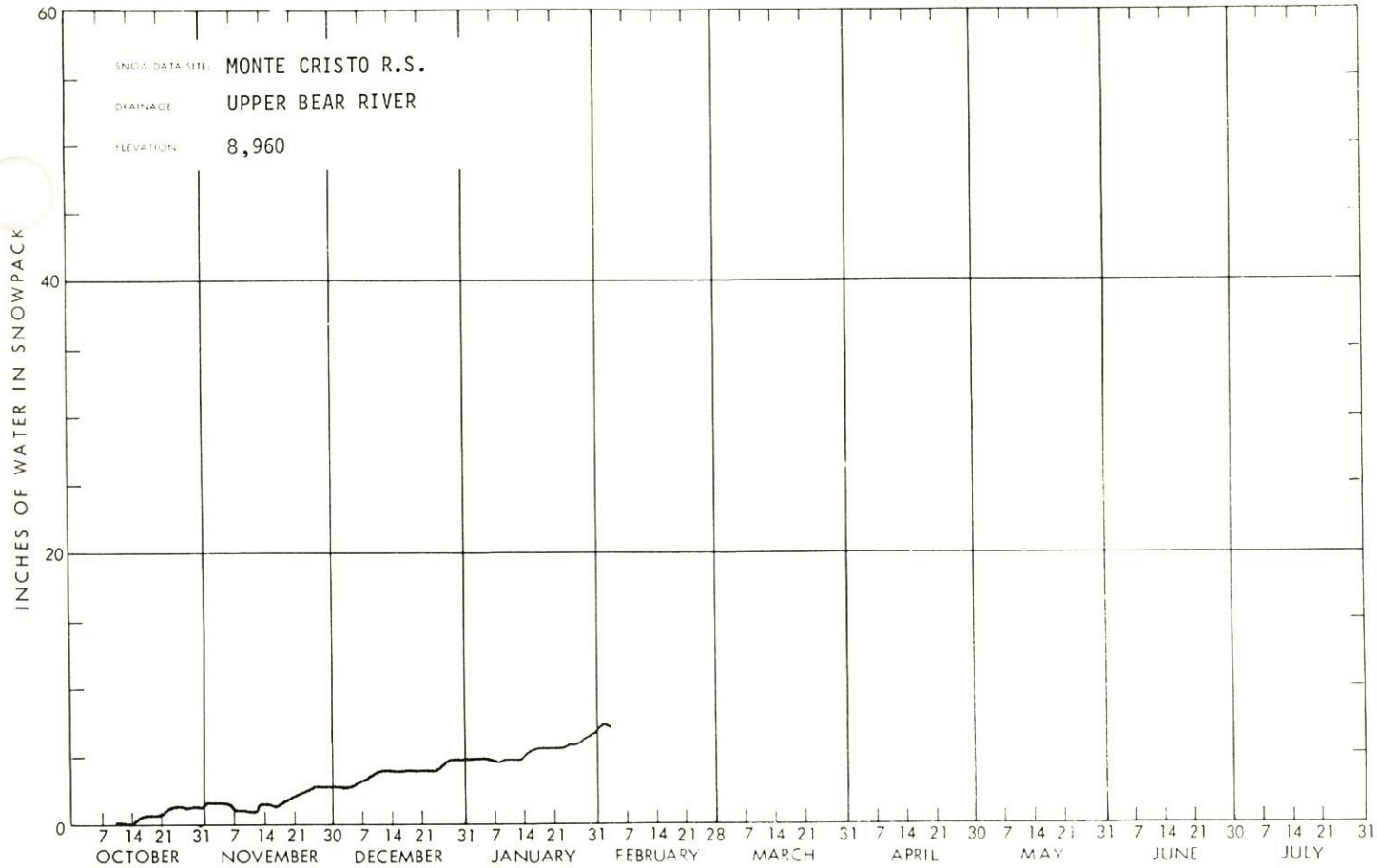
SNOW / PRECIPITATION (Inches)

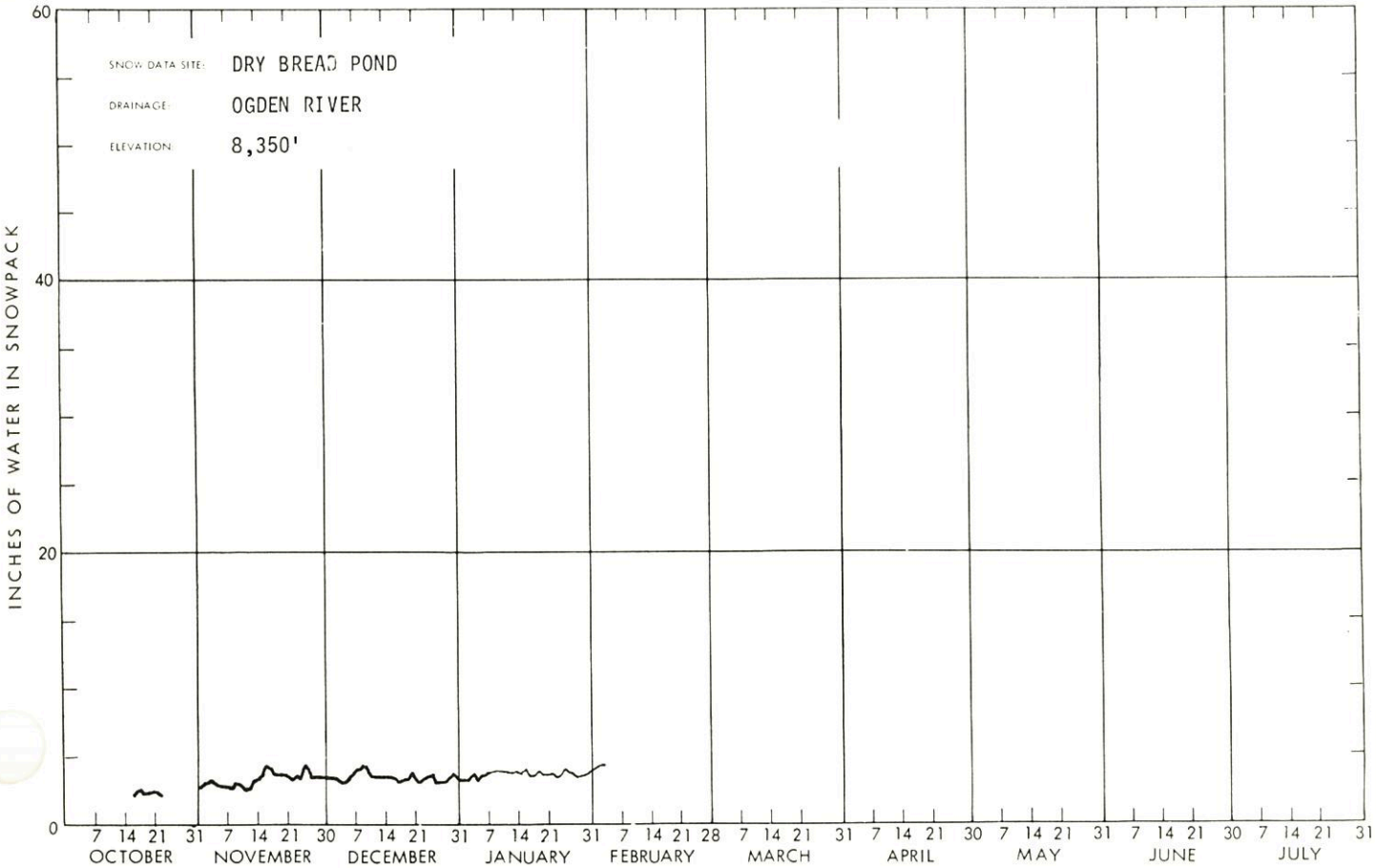
DRAINAGE BASIN and/or SNOW COURSE NAME	THIS YEAR: Date of Survey	THIS YEAR: Snow Depth (Inches)	THIS YEAR: Water Content (Inches)	PAST RECORD: Water Content (inches): Last Year	PAST RECORD: Water Content (inches): Average +	CURRENT INFORMATION: Date of Reading	CURRENT INFORMATION: Month's Precipitation	CURRENT INFORMATION: Average +	FROM APPROX. OCT 1 TO DATE: This Year	FROM APPROX. OCT 1 TO DATE: Average +	FROM APPROX. OCT 1 TO DATE: Percent of Average
SOUTHEASTERN UTAH DRAINAGES											
Buckboard Flat	1/27	9	2.1	12.7	7.1e	1/27	0.73				
Camp Jackson	1/27	6	1.1	12.6	7.3e	1/27	0.0		2.90		
LaSal Mountain (lower)	1/26	16	2.9	8.1	5.4e						
LaSal Mountain (upper)	1/26	29	7.0	12.2	8.6e	1/26	0.89	--	6.71	--	--
Monticello City Park	1/27	0	0.0	5.9	--						
ESCALANTE RIVER											
Widtsoe-Escalante #3	1/25	15	2.9	9.4	6.4	1/25	0.20	1.58	4.67	7.59	62
VIRGIN RIVER											
Kolob-Crystal	1/25	13	2.3	18.5	13.3b	1/25					
Long Valley Junction	1/25	0	0.0	8.5	3.2						
Webster Flat	1/25	11	2.4	16.1	10.2	1/25	0.27	3.48	5.61	11.62	48
Midway Valley	1/25	17	3.8	18.2	12.7						

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

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

+ 1958-1972 period.


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


SNOW DATA SITE: DRY BREAD POND
DRAINAGE: OGDEN RIVER
ELEVATION: 8,350'
INCHES OF WATER IN SNOWPACK
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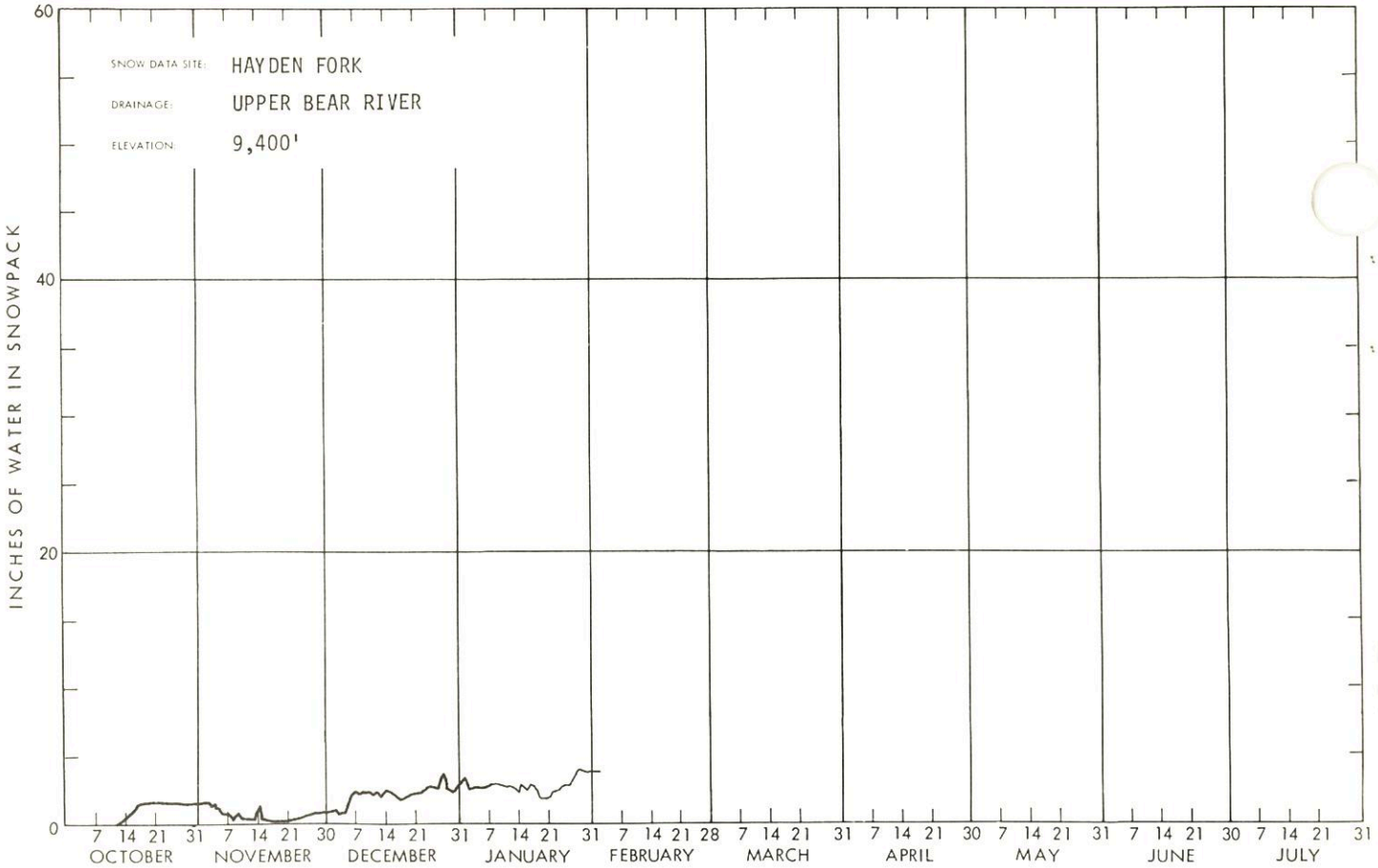
40
20
0
7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 31 7 14 21 28 7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 30 7 14 21 31
OCTOBER NOVEMBER DECEMBER JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY


SNOW DATA SITE: HAYDEN FORK
DRAINAGE: UPPER BEAR RIVER
ELEVATION: 9,400'
INCHES OF WATER IN SNOWPACK
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40
20
0
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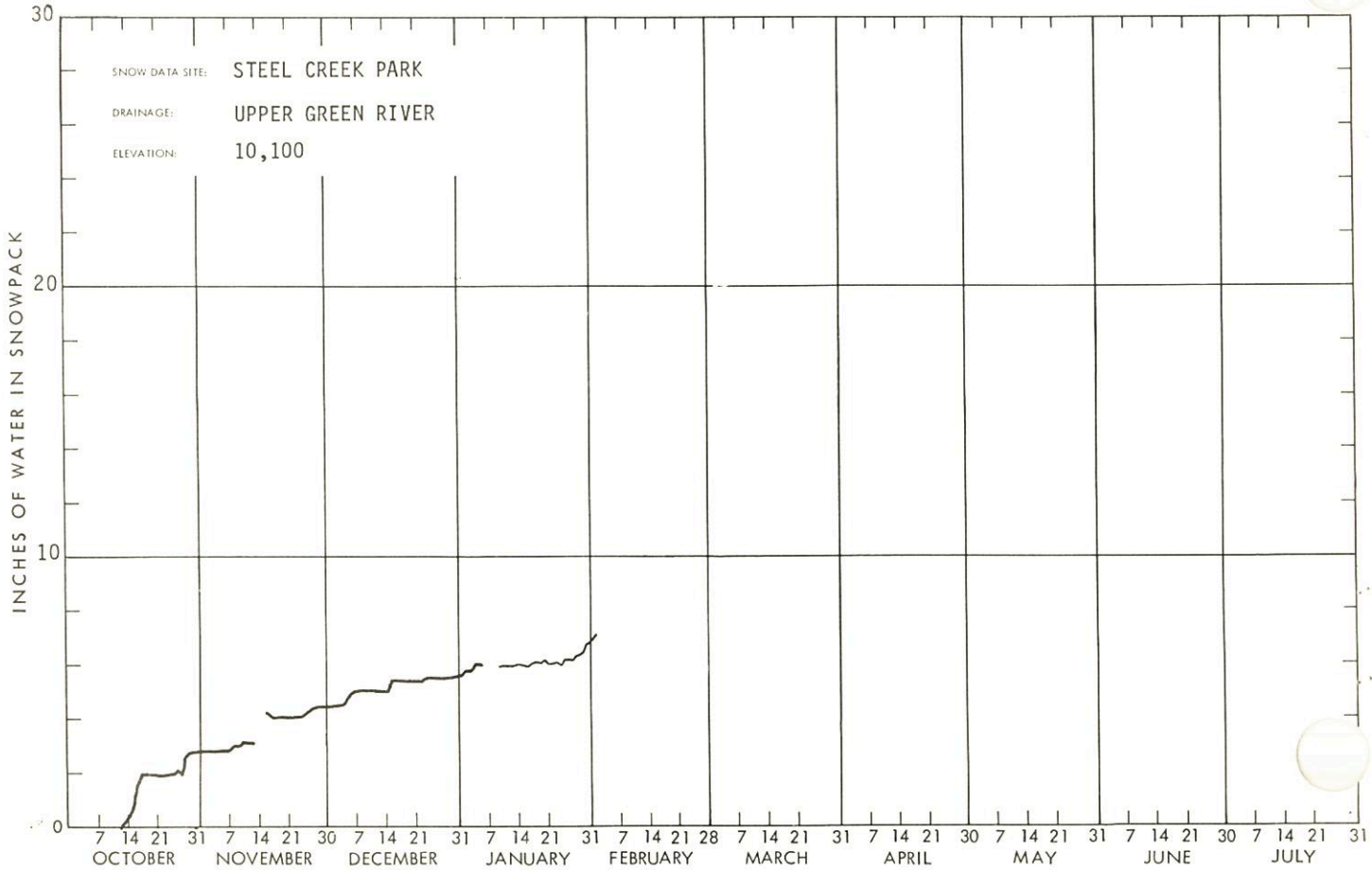
OCTOBER NOVEMBER DECEMBER JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY


SNOW DATA SITE: STEEL CREEK PARK
DRAINAGE: UPPER GREEN RIVER
ELEVATION: 10,100
INCHES OF WATER IN SNOWPACK
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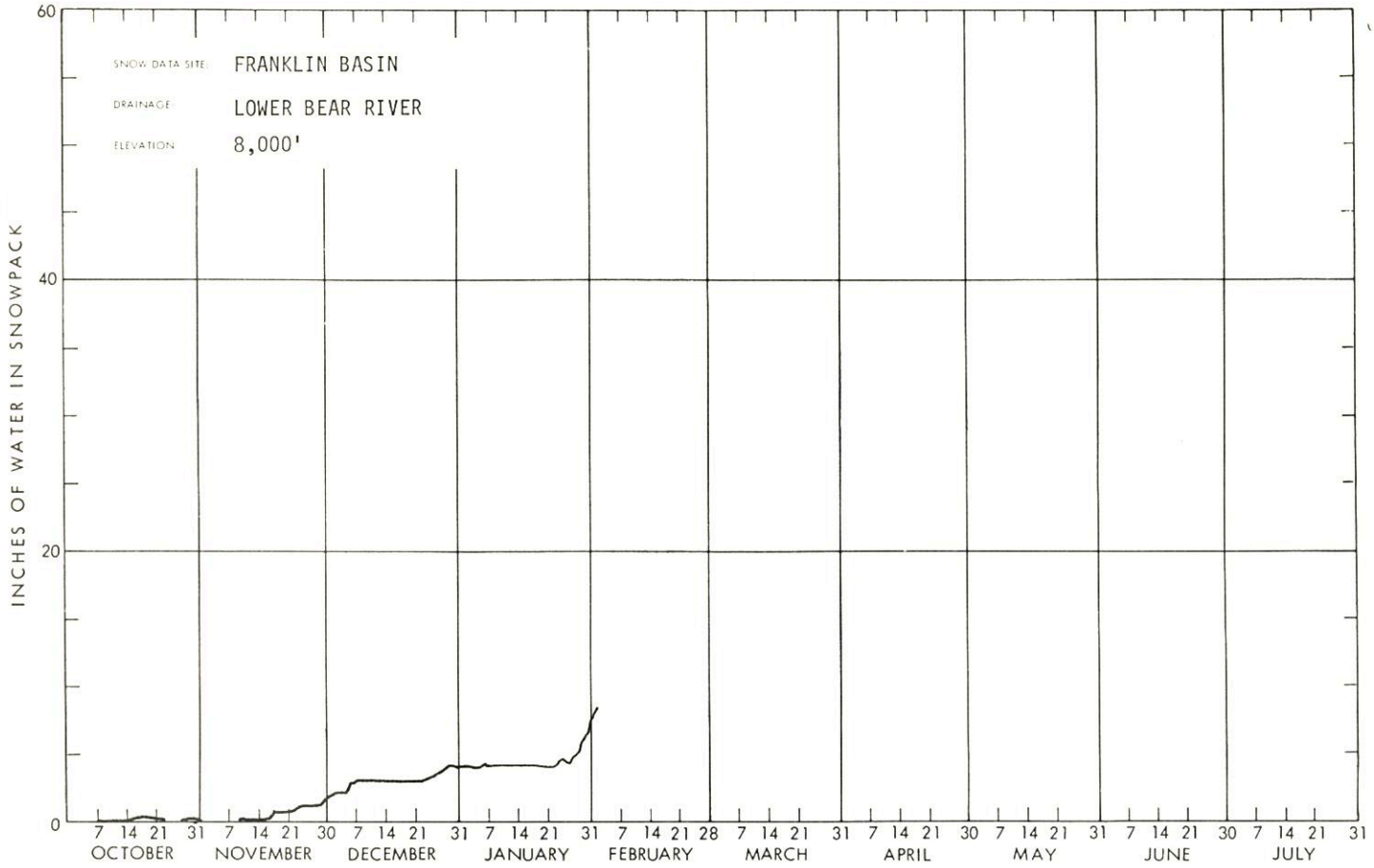
20
10
0
7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 31 7 14 21 28 7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 30 7 14 21 31
OCTOBER NOVEMBER DECEMBER JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY


SNOW DATA SITE: FRANKLIN BASIN
DRAINAGE: LOWER BEAR RIVER
ELEVATION: 8,000'
INCHES OF WATER IN SNOWPACK
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40
20
0
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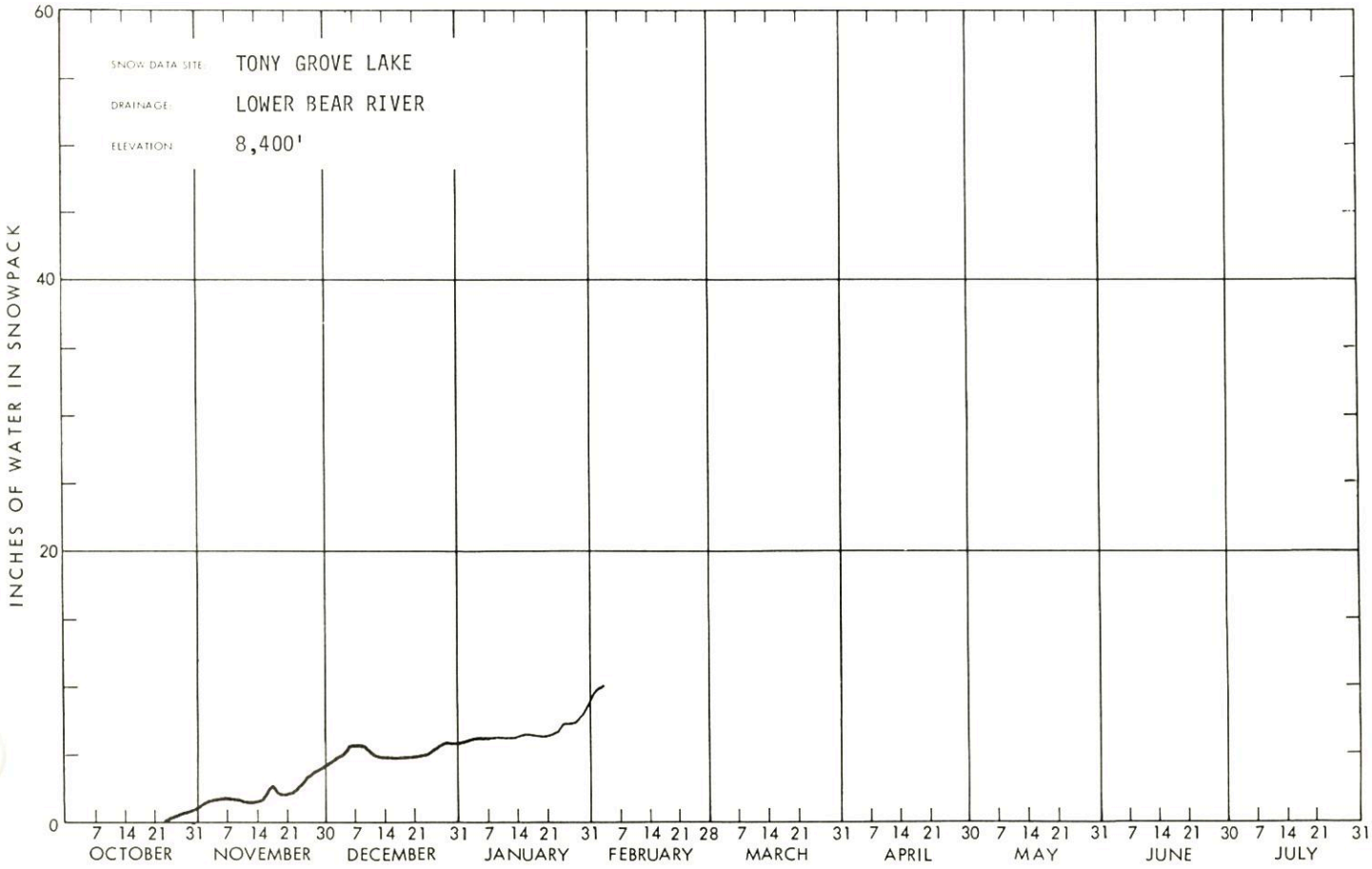
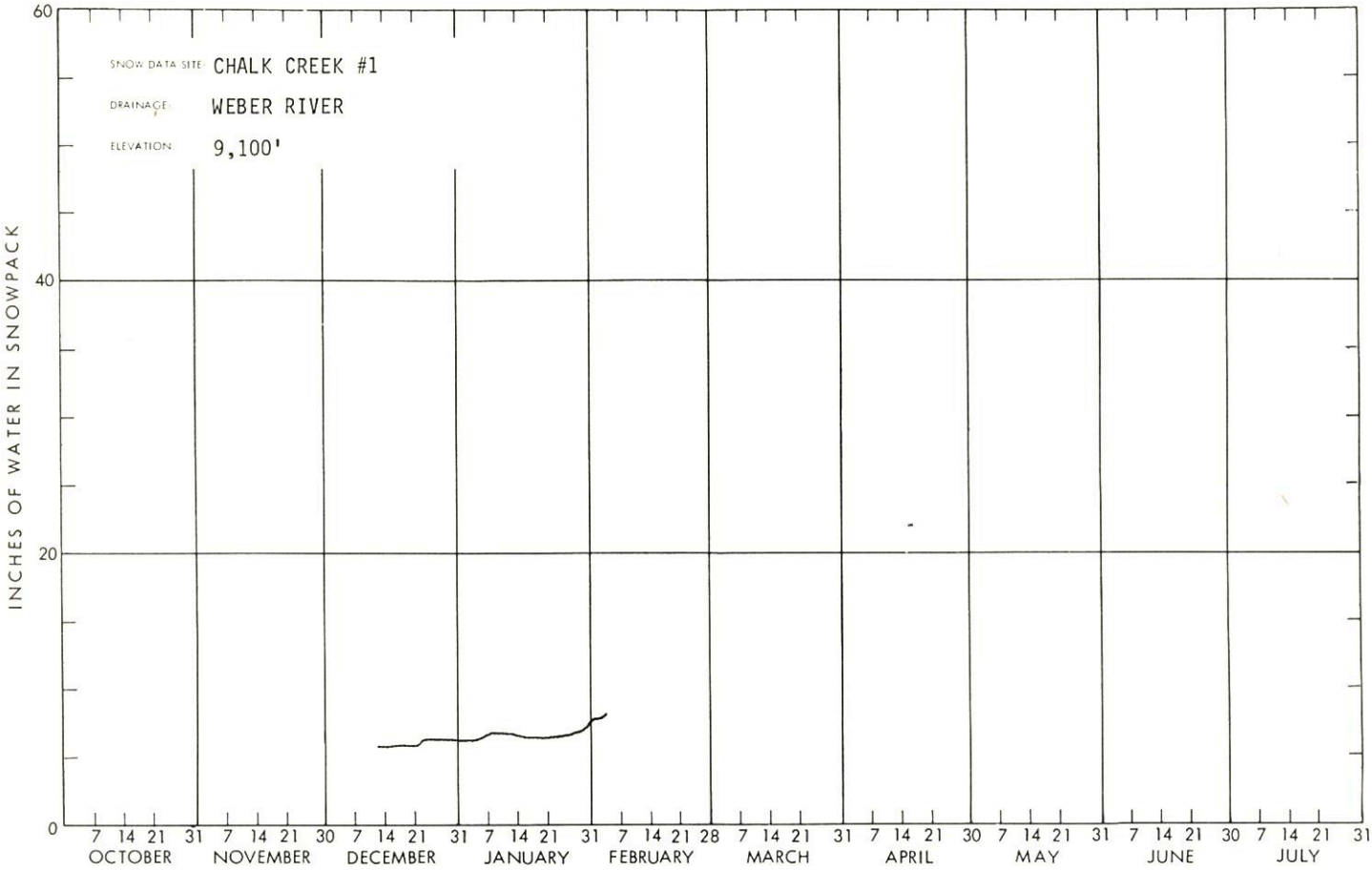
OCTOBER NOVEMBER DECEMBER JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY


SNOW DATA SITE: TONY GROVE LAKE
DRAINAGE: LOWER BEAR RIVER
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 JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY


SNOW DATA SITE: CHALK CREEK #1
DRAINAGE: WEBER RIVER
ELEVATION: 9,100'
INCHES OF WATER IN SNOWPACK
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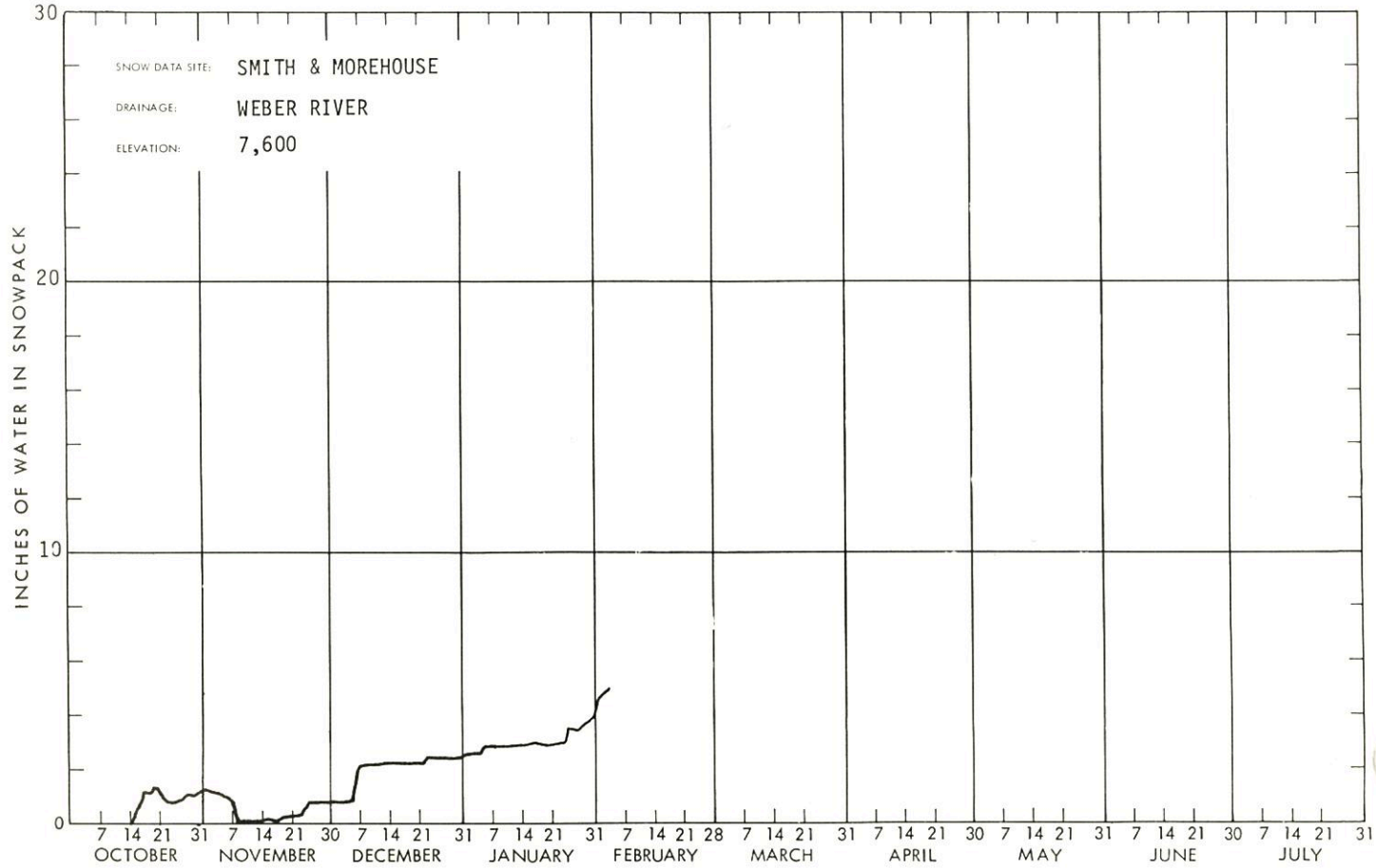
40
20
0
7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 31 7 14 21 28 7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 30 7 14 21 31
OCTOBER NOVEMBER DECEMBER JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY


SNOW DATA SITE: SMITH & MOREHOUSE
DRAINAGE: WEBER RIVER
ELEVATION: 7,600
INCHES OF WATER IN SNOWPACK
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20
10
0
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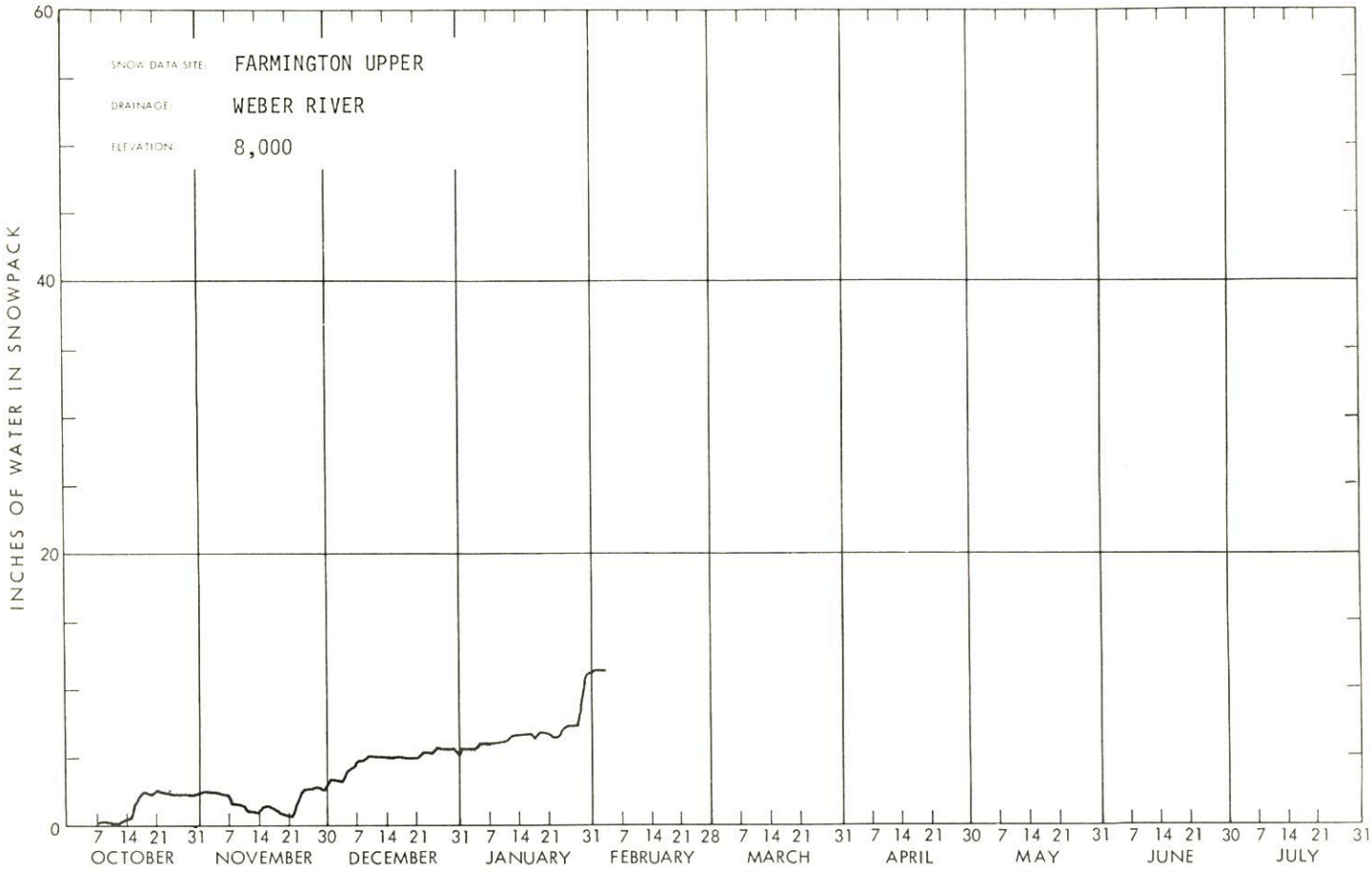
OCTOBER NOVEMBER DECEMBER JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY


SNOW DATA SITE: FARMINGTON UPPER
DRAINAGE: WEBER RIVER
ELEVATION: 8,000
INCHES OF WATER IN SNOWPACK
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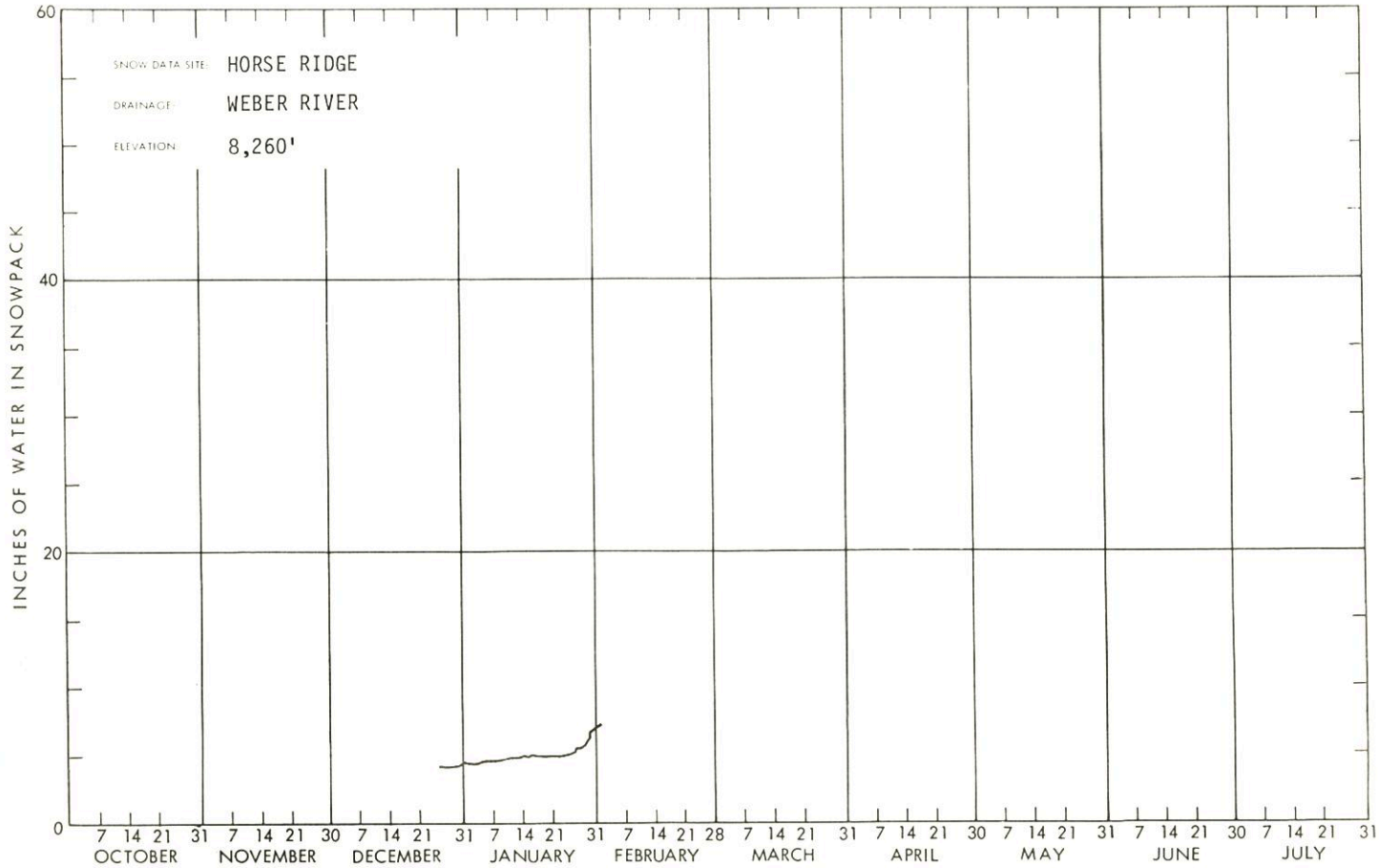
40
20
0
7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 31 7 14 21 28 7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 30 7 14 21 31
OCTOBER NOVEMBER DECEMBER JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY


SNOW DATA SITE: HORSE RIDGE
DRAINAGE: WEBER RIVER
ELEVATION: 8,260'
INCHES OF WATER IN SNOWPACK
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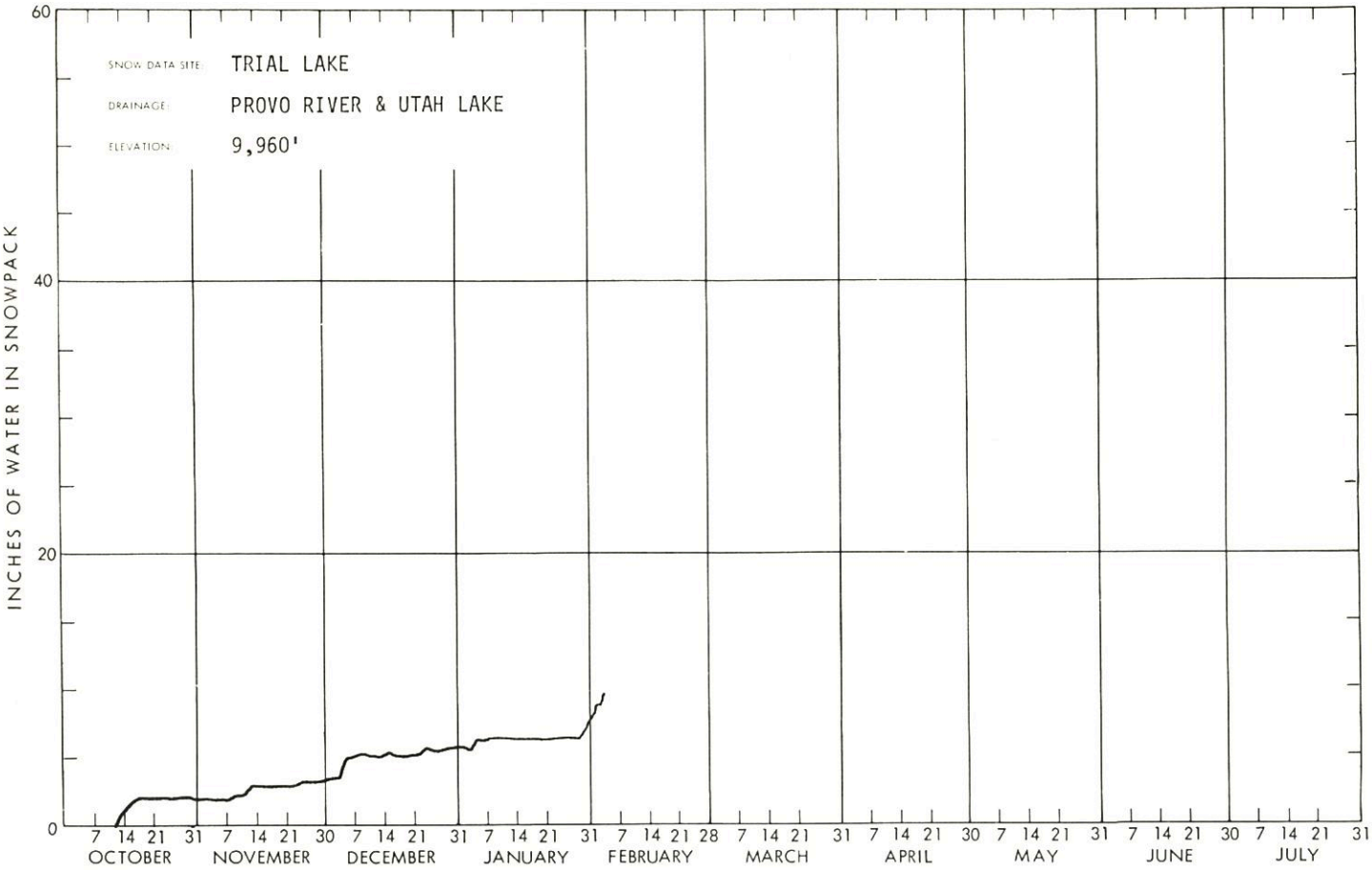
40
20
0
7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 31 7 14 21 28 7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 30 7 14 21 31
OCTOBER NOVEMBER DECEMBER JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY


SNOW DATA SITE: TRIAL LAKE
DRAINAGE: PROVO RIVER & UTAH LAKE
ELEVATION: 9,960'
INCHES OF WATER IN SNOWPACK
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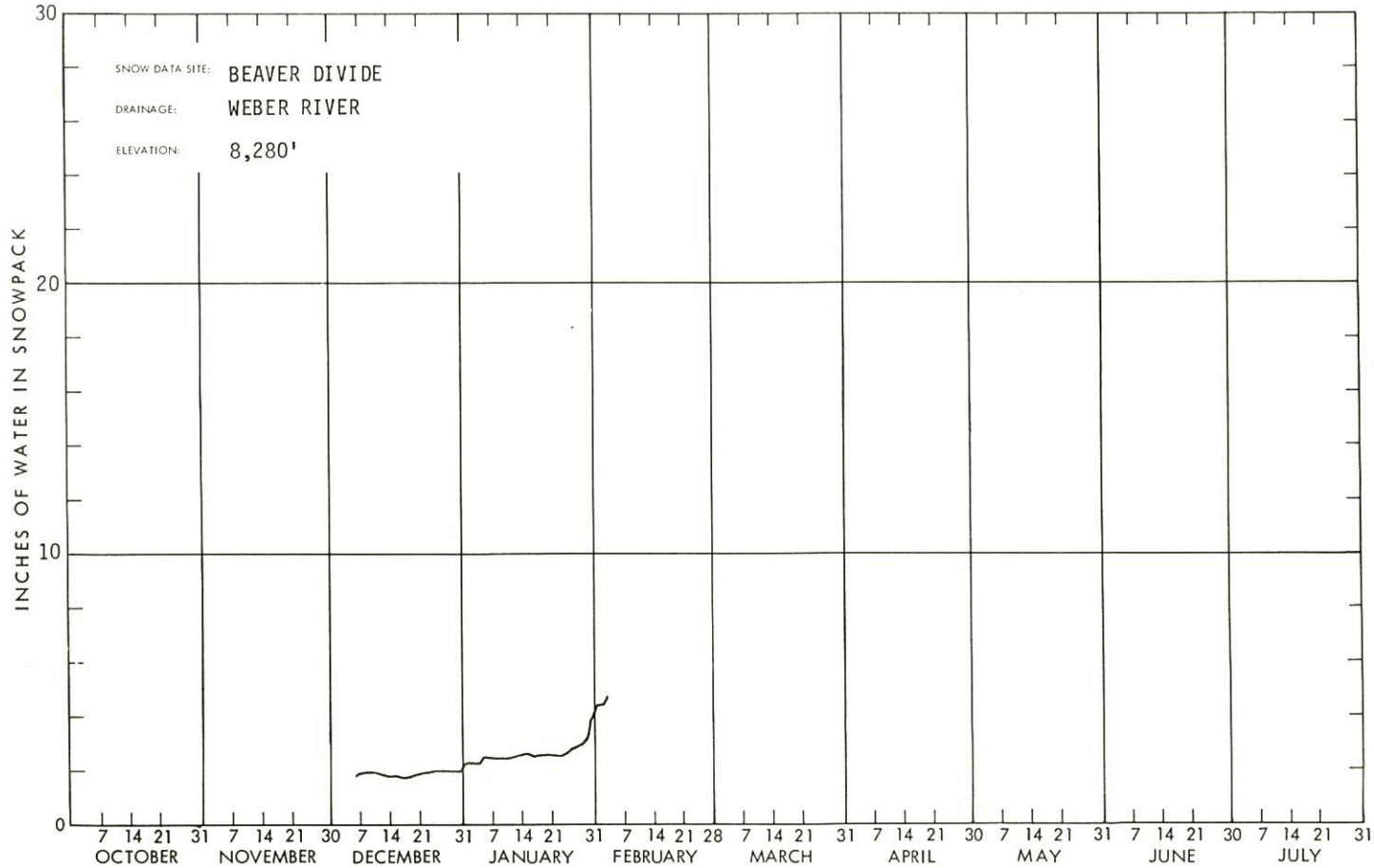
40
20
0
7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 31 7 14 21 28 7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 30 7 14 21 31
OCTOBER NOVEMBER DECEMBER JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY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DRAINAGE: WEBER RIVER
ELEVATION: 8,280'
INCHES OF WATER IN SNOWPACK
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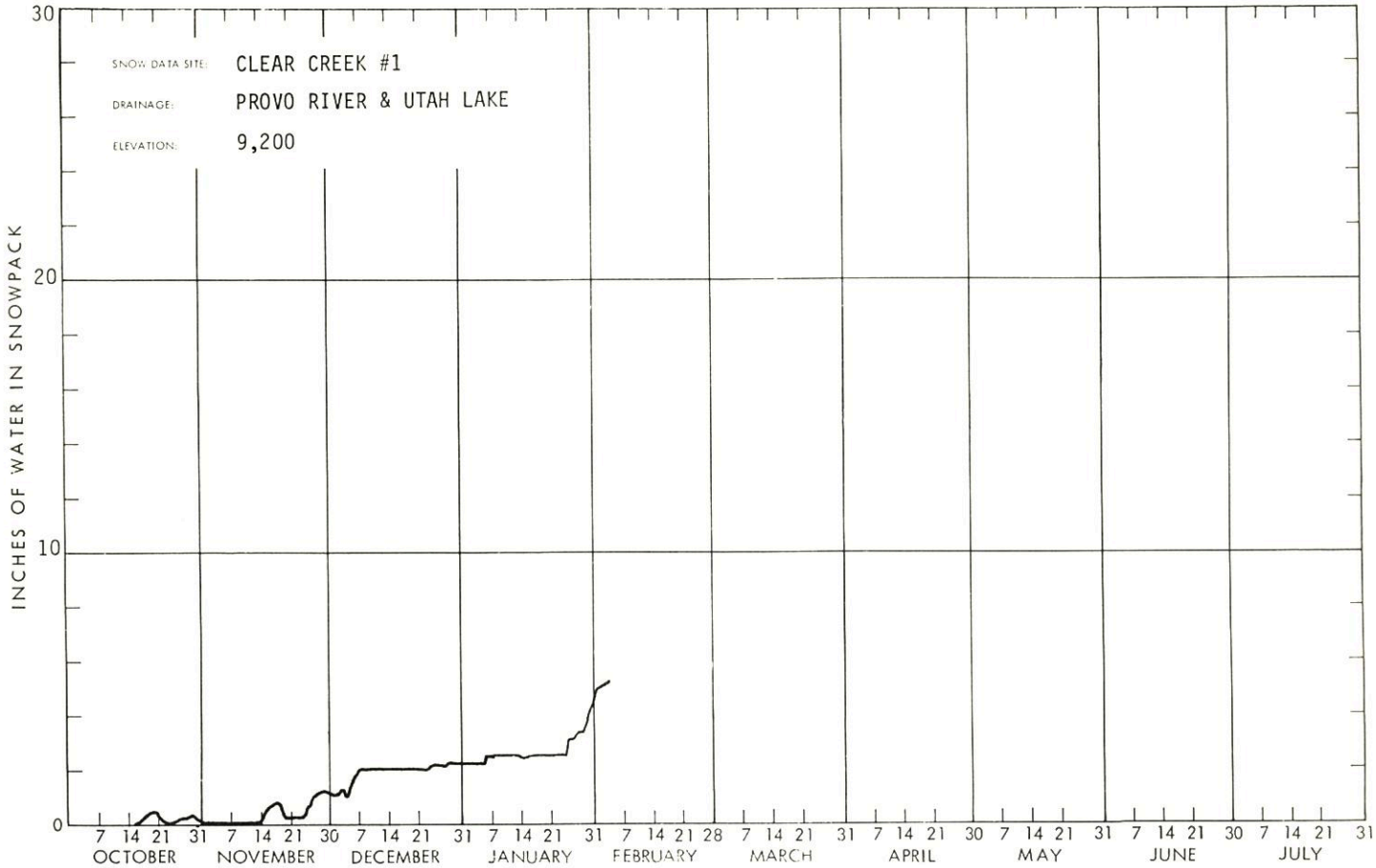
OCTOBER NOVEMBER DECEMBER JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY


SNOW DATA SITE: CLEAR CREEK #1
DRAINAGE: PROVO RIVER & UTAH LAKE
ELEVATION: 9,200
INCHES OF WATER IN SNOWPACK
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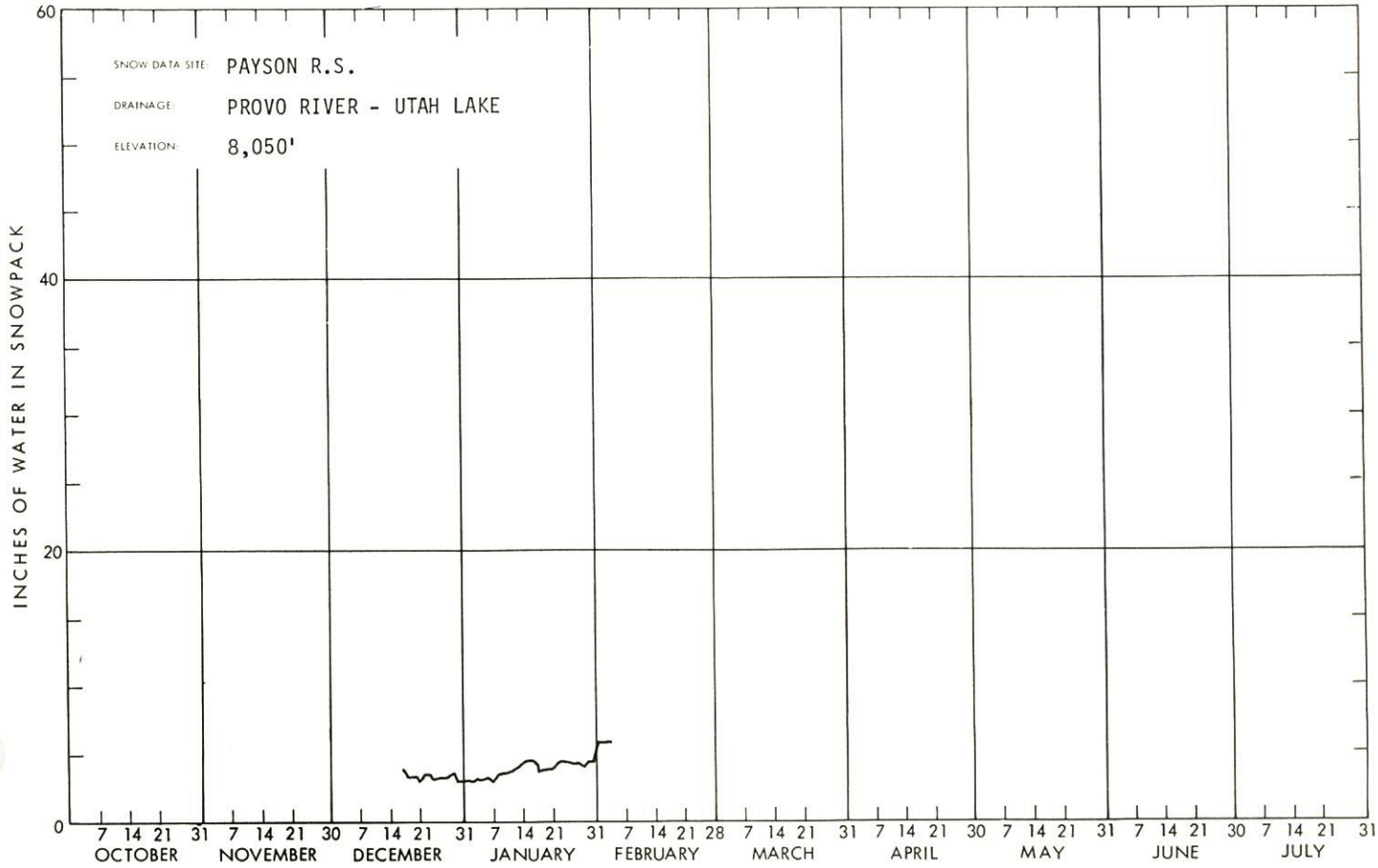
10
20
30
7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 31 7 14 21 28 7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 30 7 14 21 31
OCTOBER NOVEMBER DECEMBER JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY


SNOW DATA SITE: PAYSON R.S.
DRAINAGE: PROVO RIVER - UTAH LAKE
ELEVATION: 8,050'
INCHES OF WATER IN SNOWPACK
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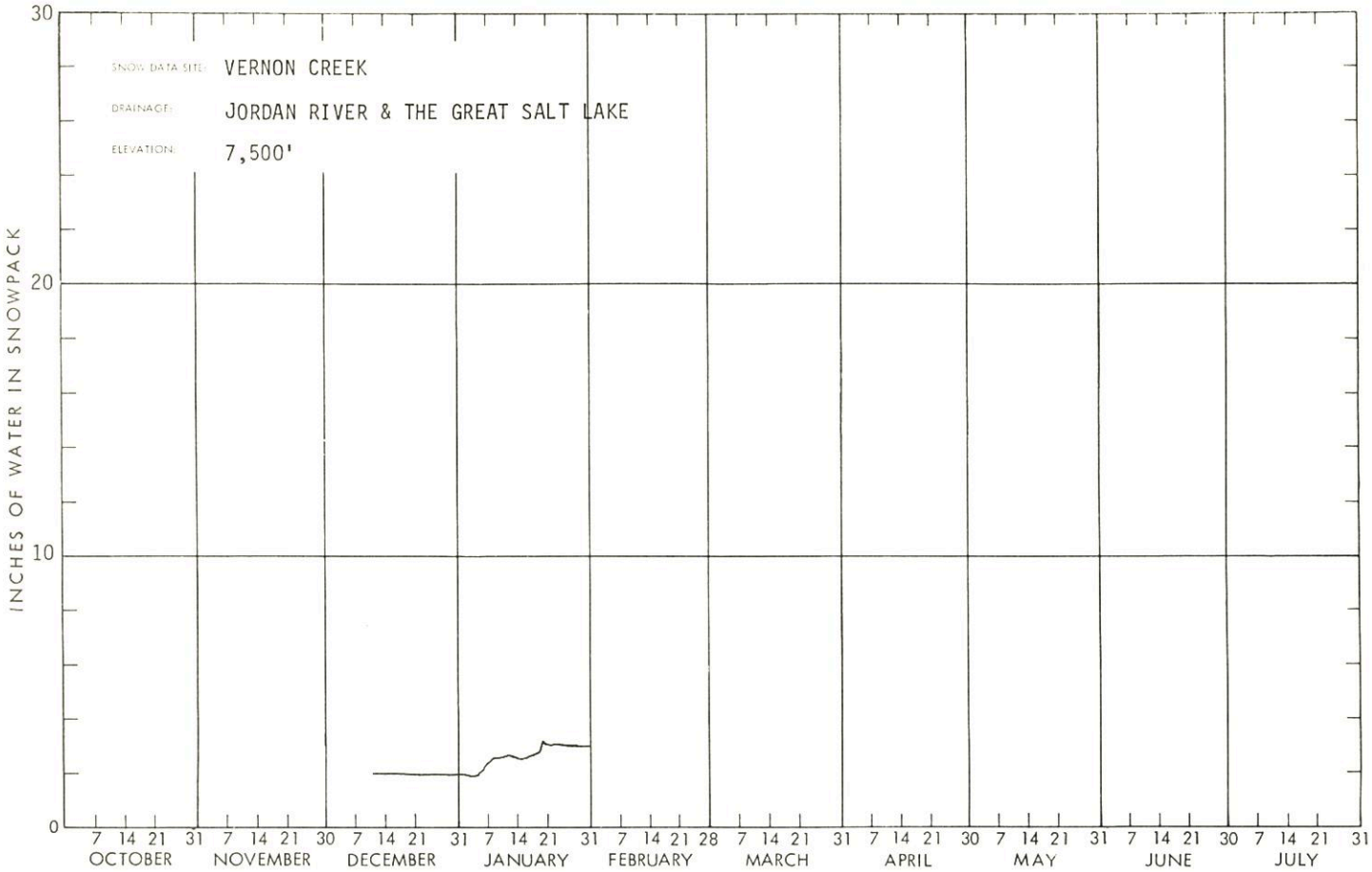
20
40
60
7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 31 7 14 21 28 7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 30 7 14 21 31
OCTOBER NOVEMBER DECEMBER JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY


SNOW DATA SITE: VERNON CREEK
DRAINAGE: JORDAN RIVER & THE GREAT SALT LAKE
ELEVATION: 7,500'
INCHES OF WATER IN SNOWPACK
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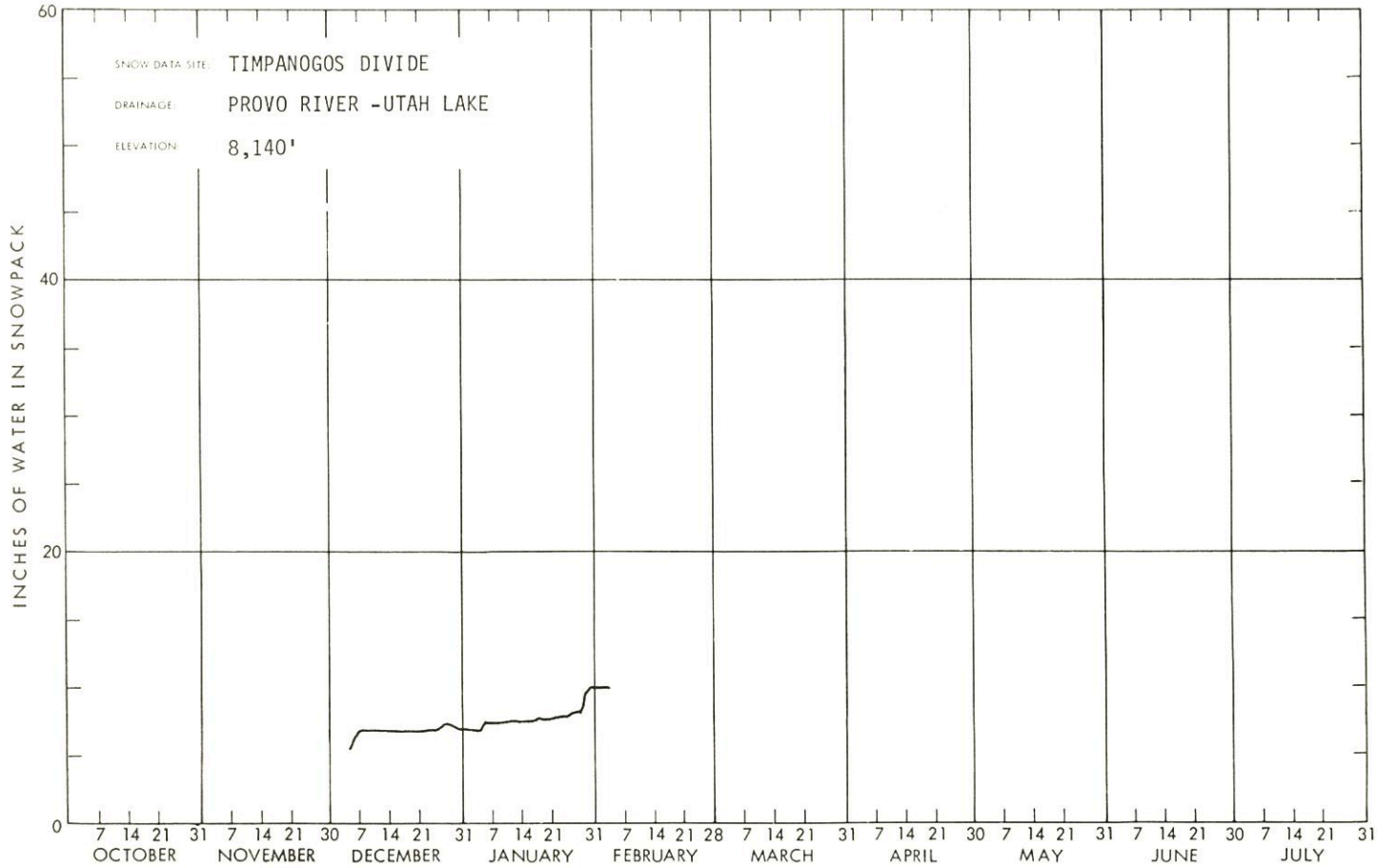
20
10
0
7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 31 7 14 21 28 7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 30 7 14 21 31
OCTOBER NOVEMBER DECEMBER JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY


SNOW DATA SITE: TIMPANOGOS DIVIDE
DRAINAGE: PROVO RIVER -UTAH LAKE
ELEVATION: 8,140'
INCHES OF WATER IN SNOWPACK
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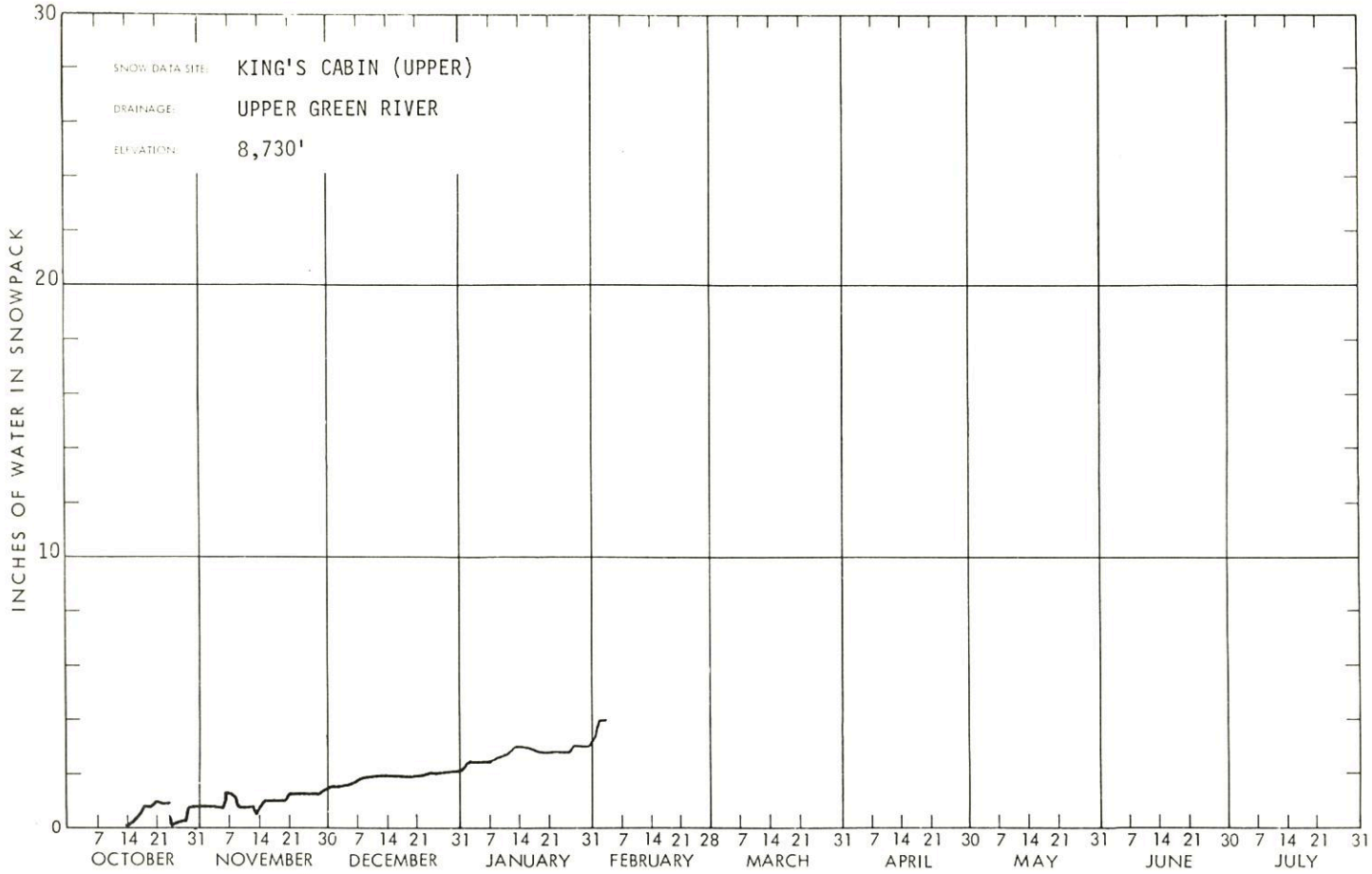
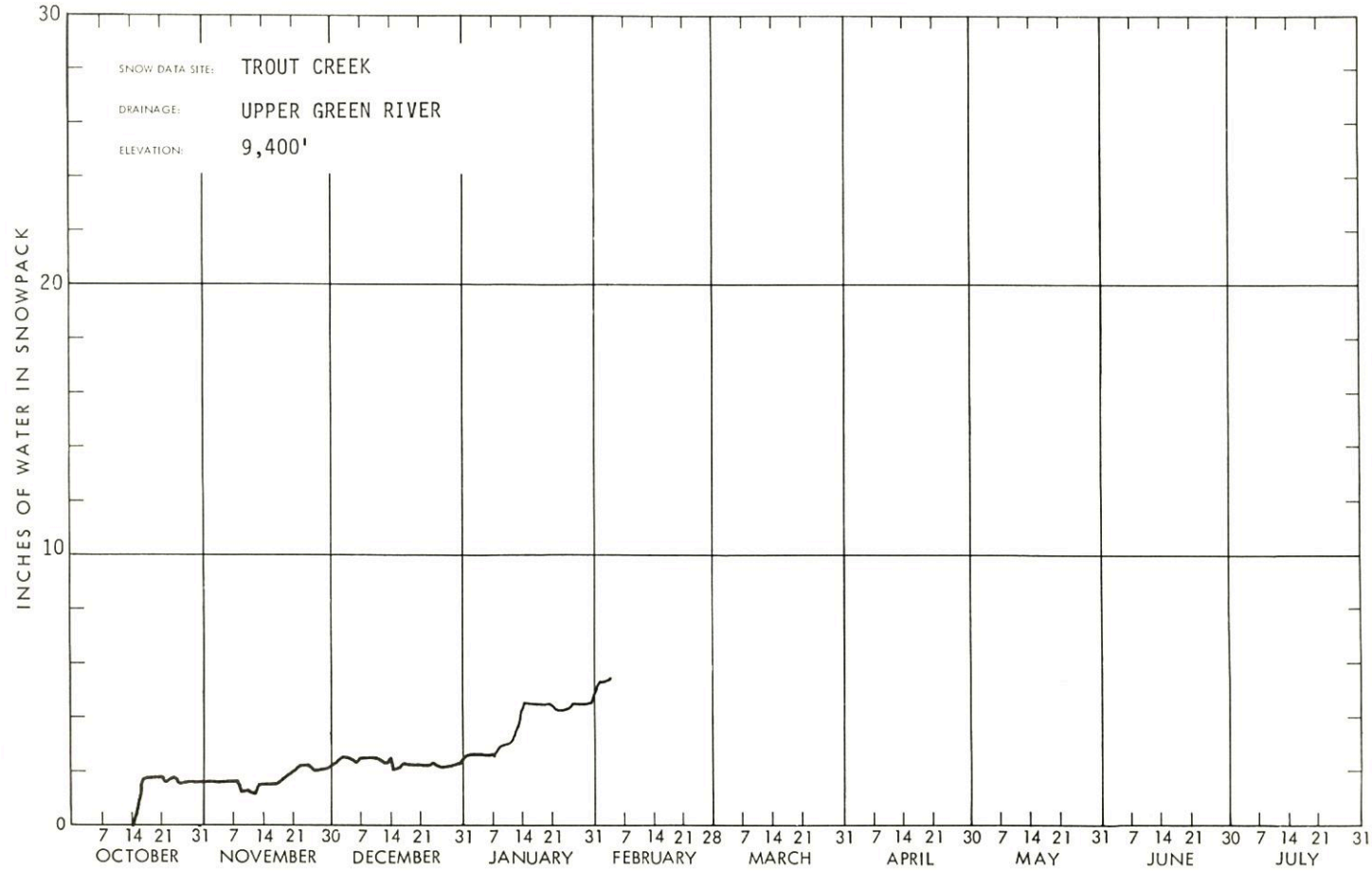
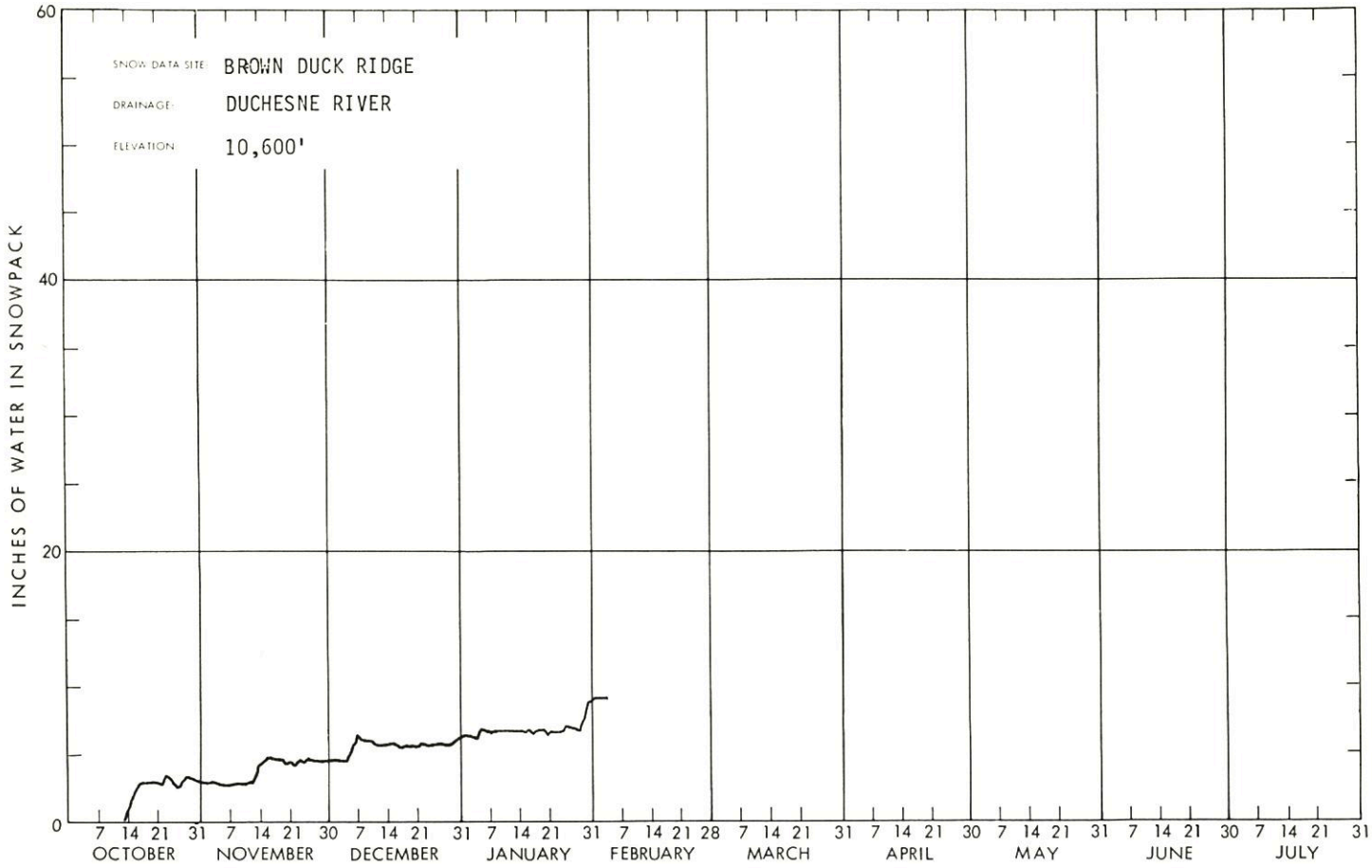
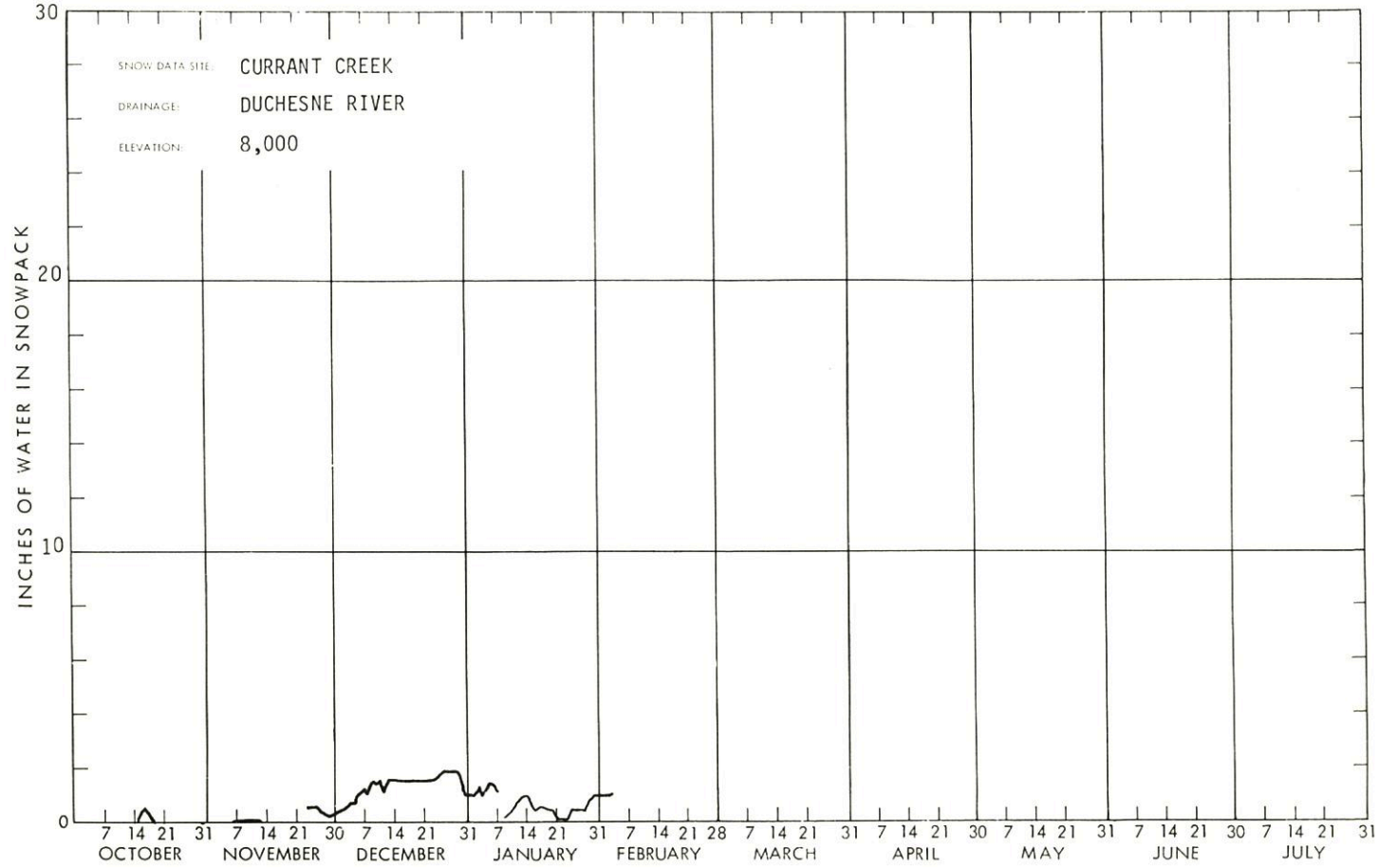
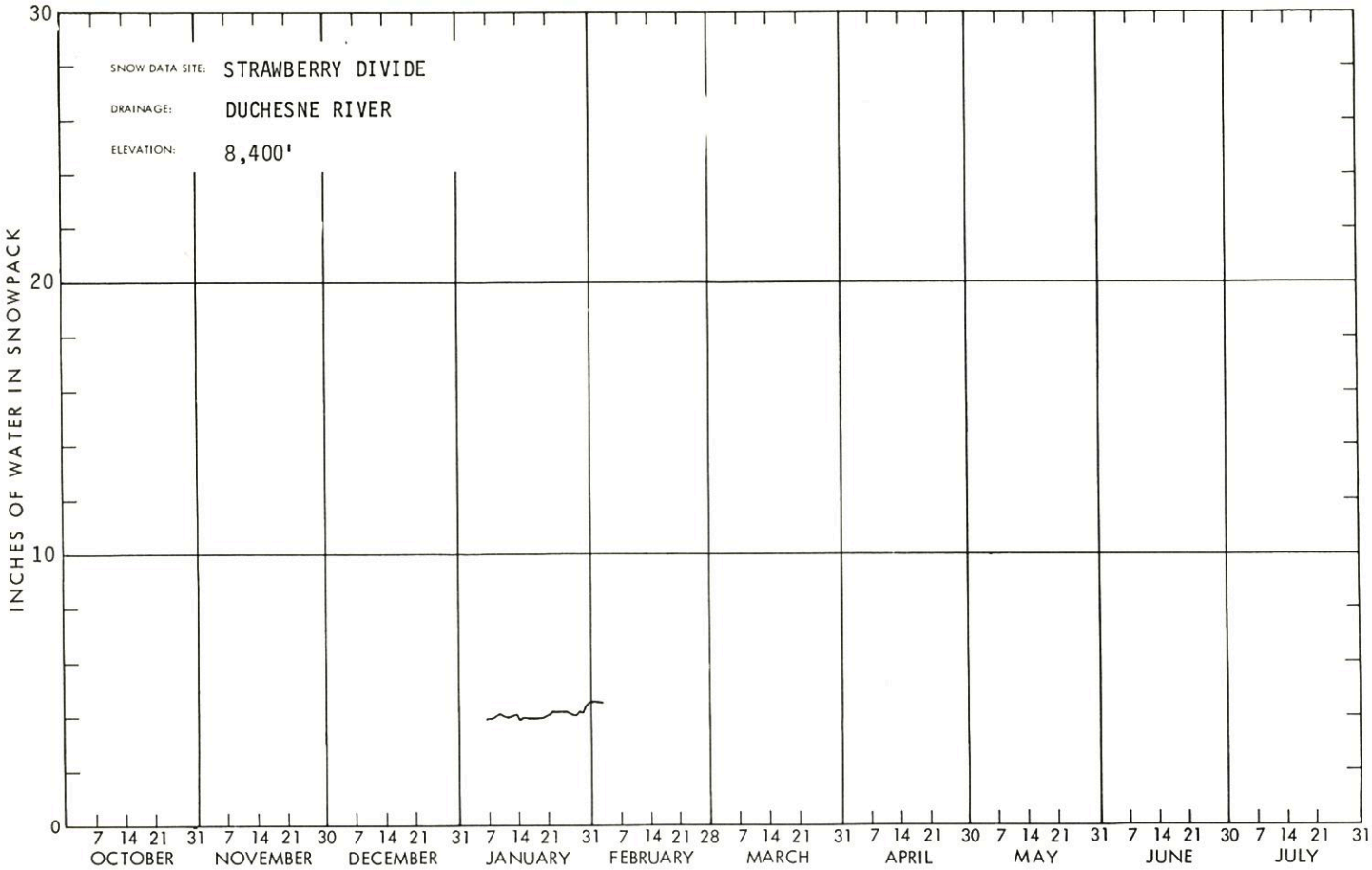
20
0
7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 31 7 14 21 28 7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 30 7 14 21 31
OCTOBER NOVEMBER DECEMBER JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY

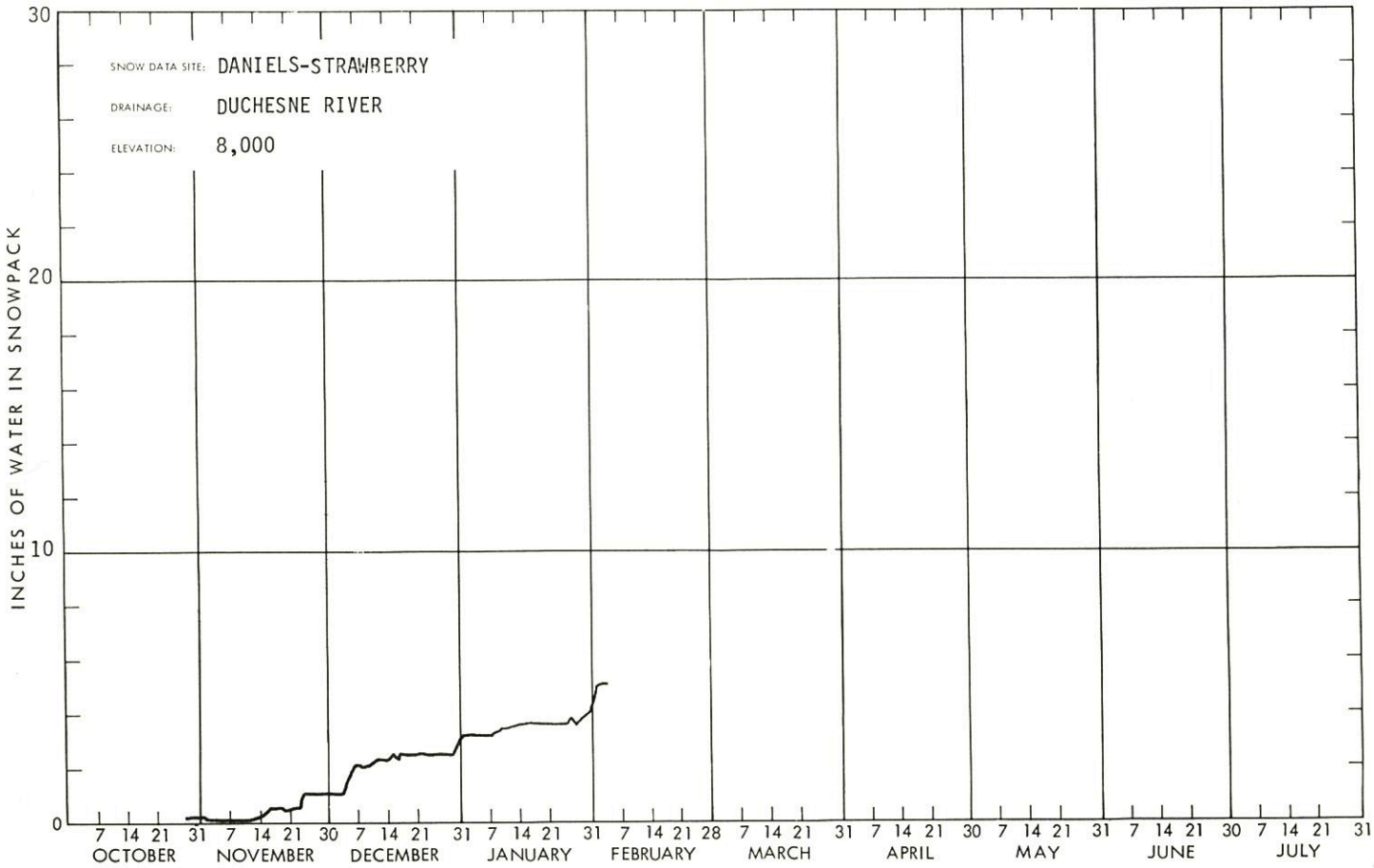

SNOW DATA SITE: KING'S CABIN (UPPER)
DRAINAGE: UPPER GREEN RIVER
ELEVATION: 8,730'
INCHES OF WATER IN SNOWPACK
30
20
10
0
7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 31 7 14 21 28 7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 30 7 14 21 31
OCTOBER NOVEMBER DECEMBER JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY

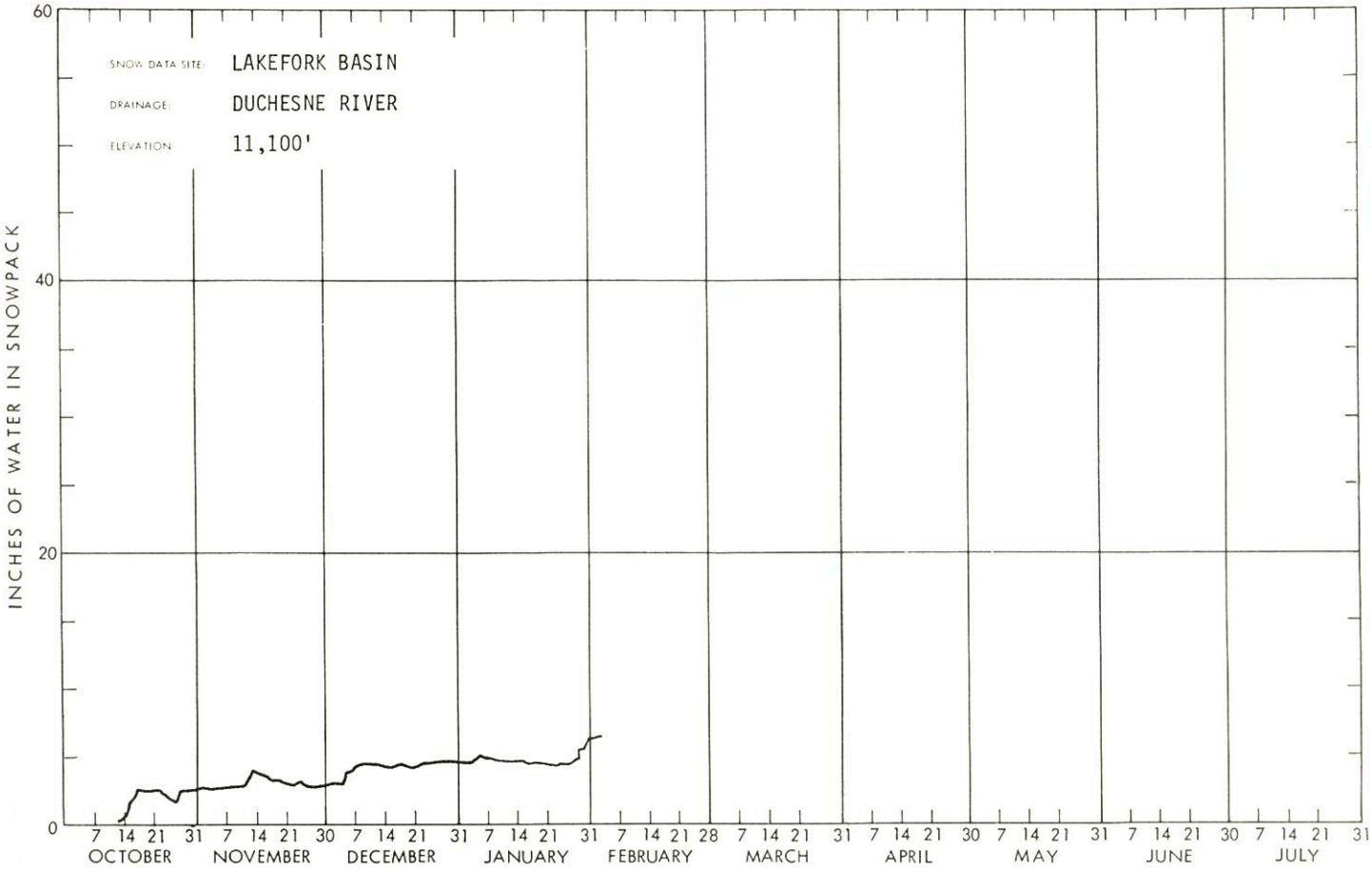

SNOW DATA SITE: TROUT CREEK
DRAINAGE: UPPER GREEN RIVER
ELEVATION: 9,400'
INCHES OF WATER IN SNOWPACK
30
20
10
0
7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 31 7 14 21 28 7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 30 7 14 21 31
OCTOBER NOVEMBER DECEMBER JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY

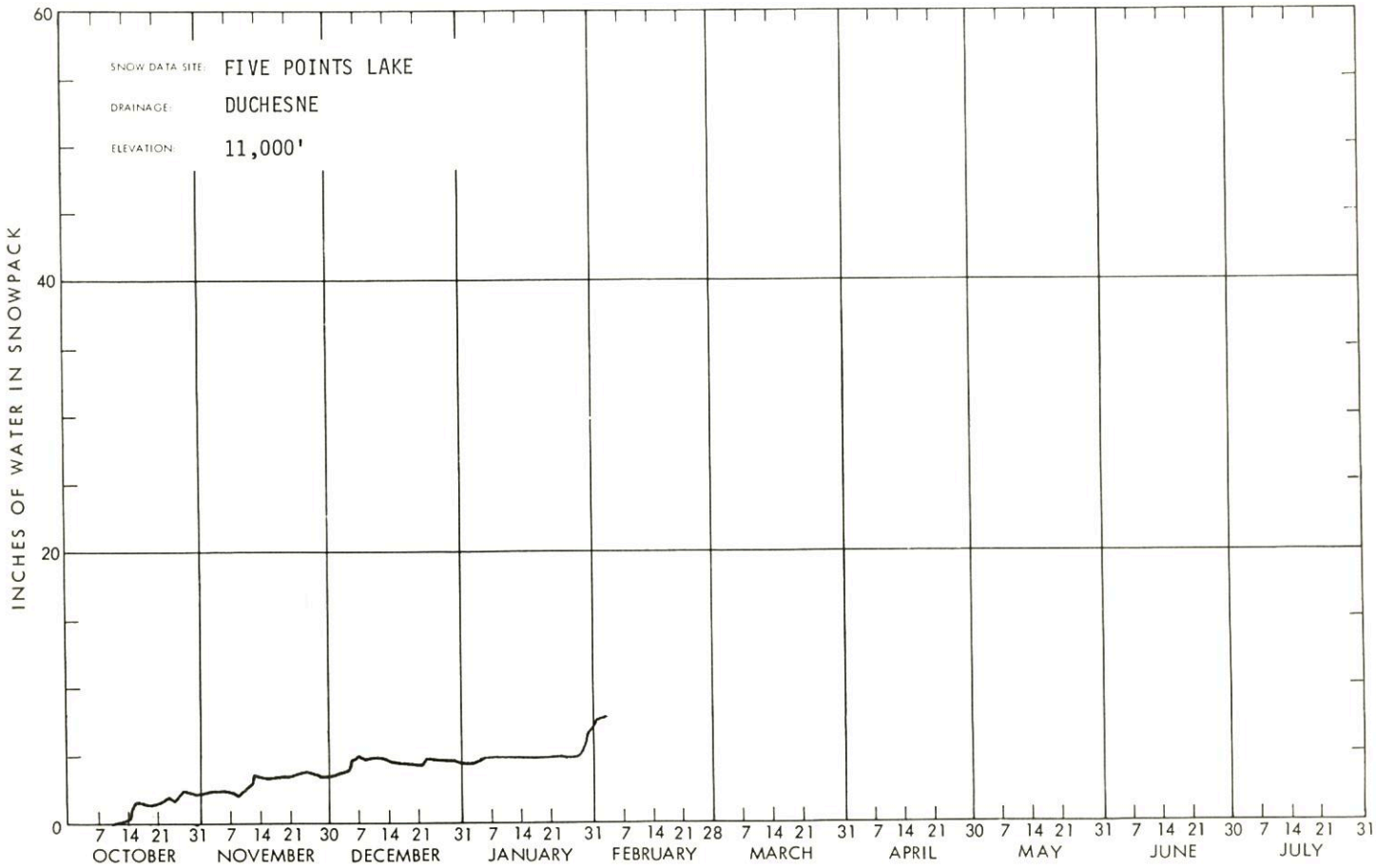

SNOW DATA SITE: BROWN DUCK RIDGE
DRAINAGE: DUCHESNE RIVER
ELEVATION: 10,600'
INCHES OF WATER IN SNOWPACK
60
40
20
0
7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 31 7 14 21 28 7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 30 7 14 21 31
OCTOBER NOVEMBER DECEMBER JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY

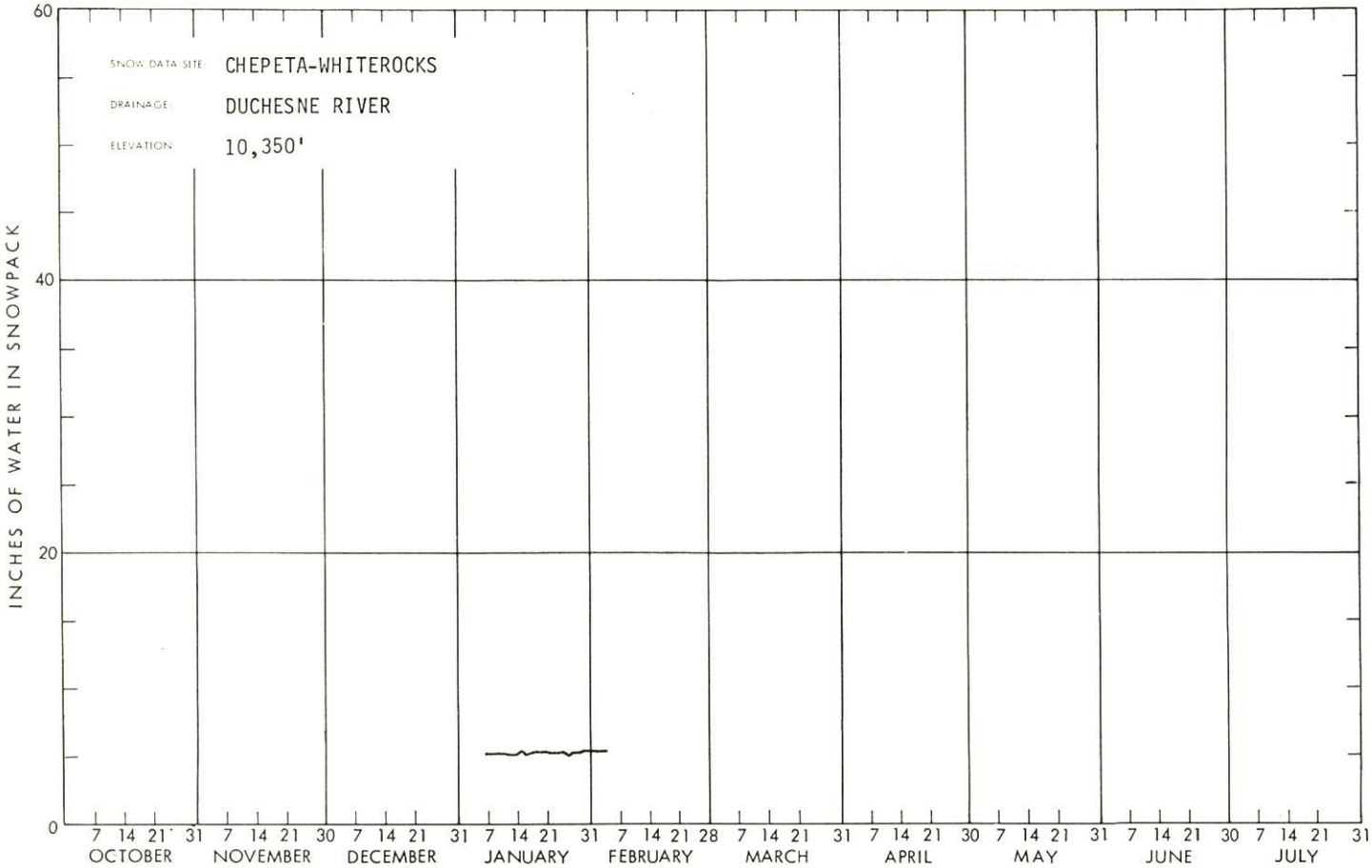

SNOW DATA SITE: CURRANT CREEK
DRAINAGE: DUCHESNE RIVER
ELEVATION: 8,000
INCHES OF WATER IN SNOWPACK
30
20
10
0
7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 31 7 14 21 28 7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 30 7 14 21 31
OCTOBER NOVEMBER DECEMBER JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY

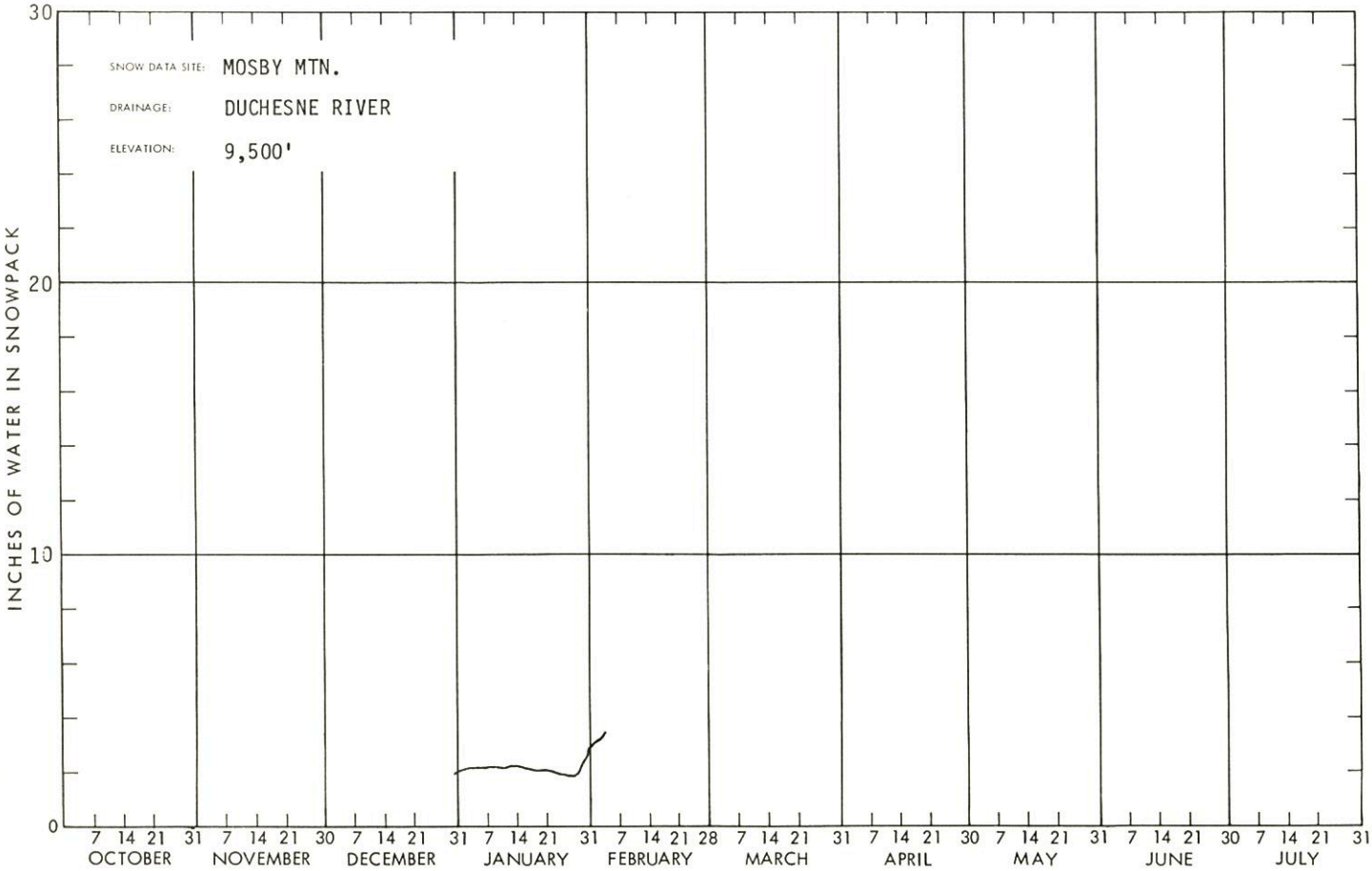

SNOW DATA SITE: STRAWBERRY DIVIDE
DRAINAGE: DUCHESNE RIVER
ELEVATION: 8,400'
INCHES OF WATER IN SNOWPACK
30
20
10
0
7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 31 7 14 21 28 7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 30 7 14 21 31
OCTOBER NOVEMBER DECEMBER JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY

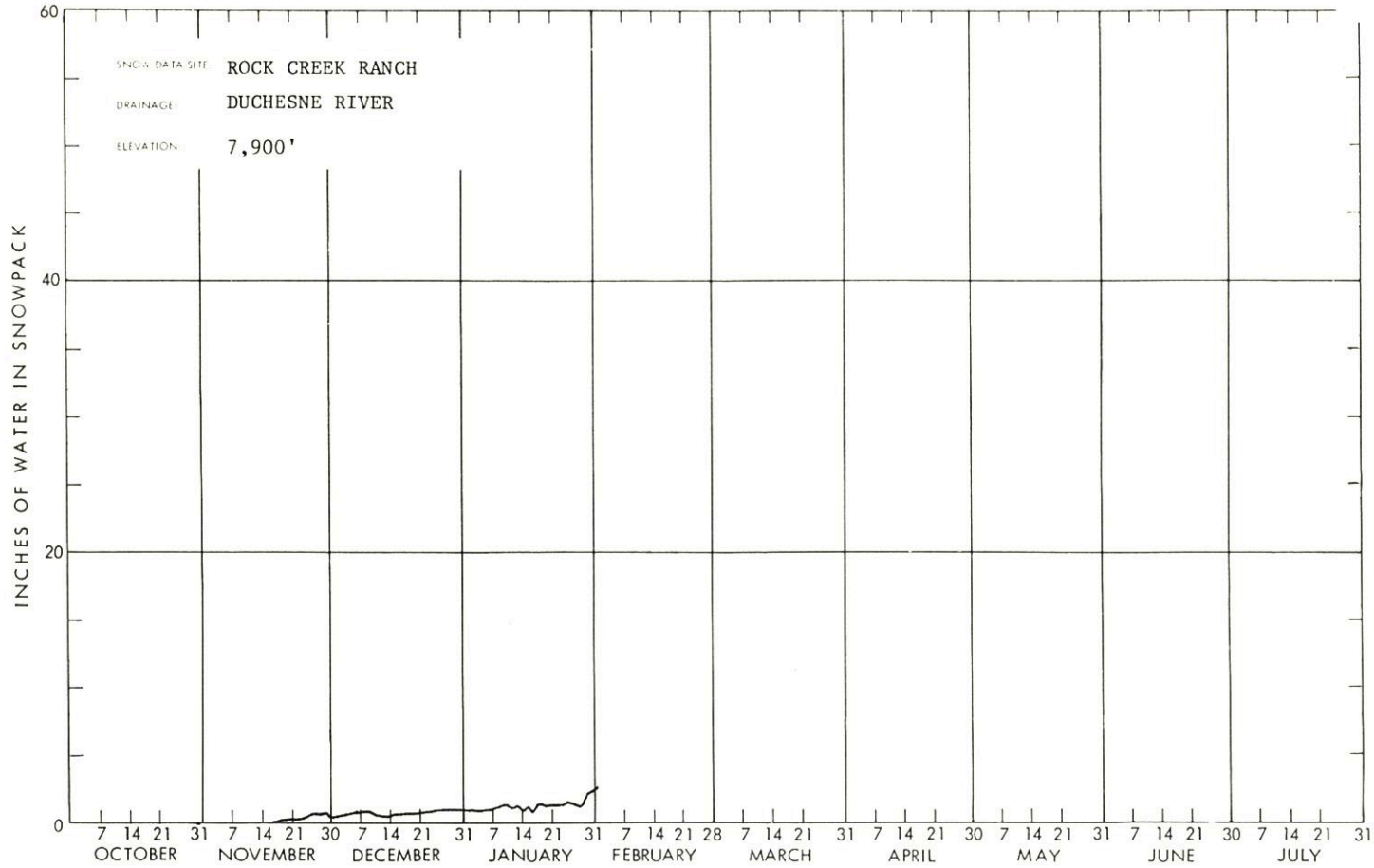

SNOW DATA SITE: DANIELS-STRAWBERRY
DRAINAGE: DUCHESNE RIVER
ELEVATION: 8,000
INCHES OF WATER IN SNOWPACK
30
20
10
0
7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 31 7 14 21 28 7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 30 7 14 21 31
OCTOBER NOVEMBER DECEMBER JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY

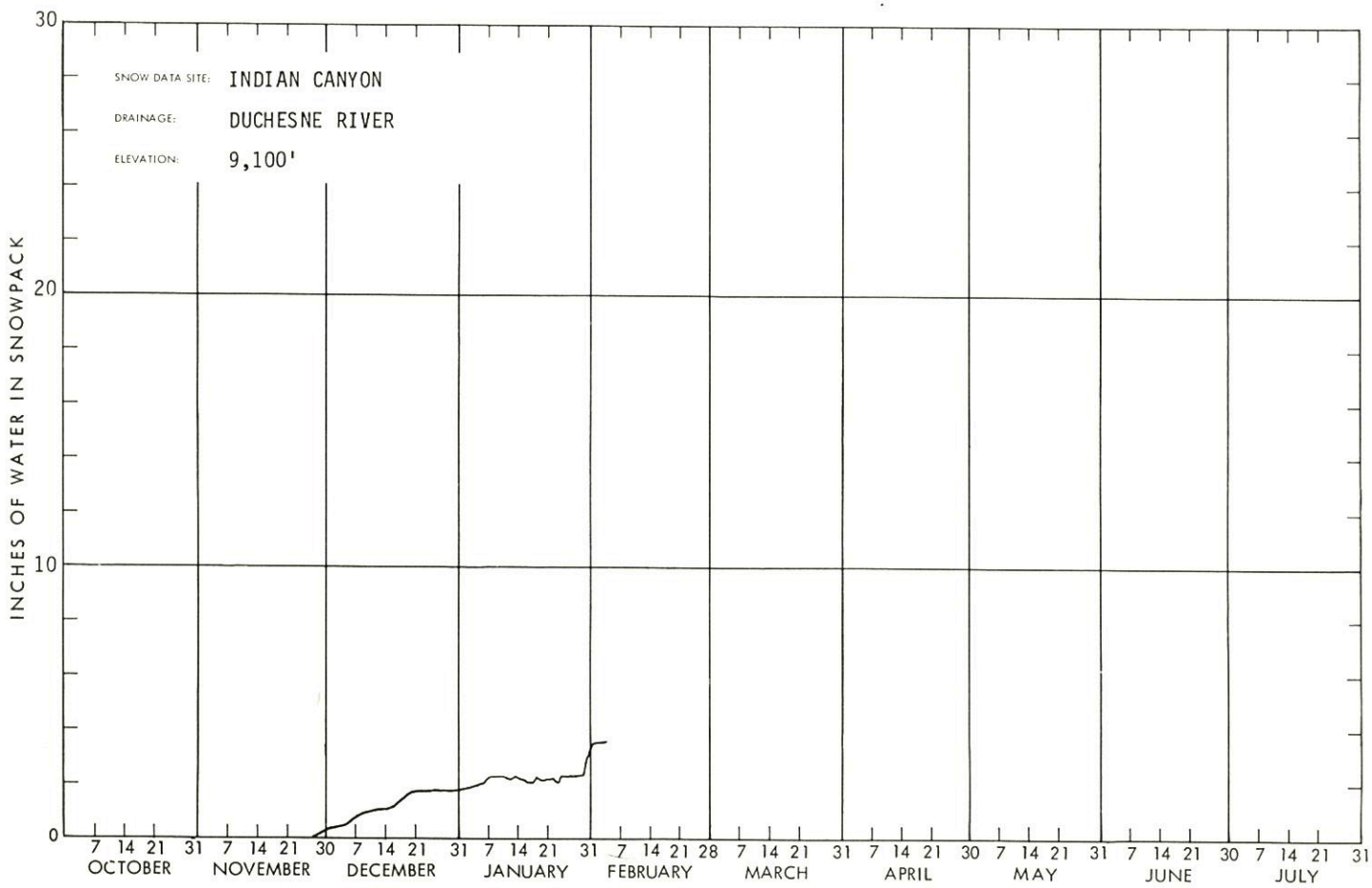

SNOW DATA SITE: LAKEFORK BASIN
DRAINAGE: DUCHESNE RIVER
ELEVATION: 11,100'
INCHES OF WATER IN SNOWPACK
60
40
20
0
7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 31 7 14 21 28 7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 30 7 14 21 31
OCTOBER NOVEMBER DECEMBER JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY

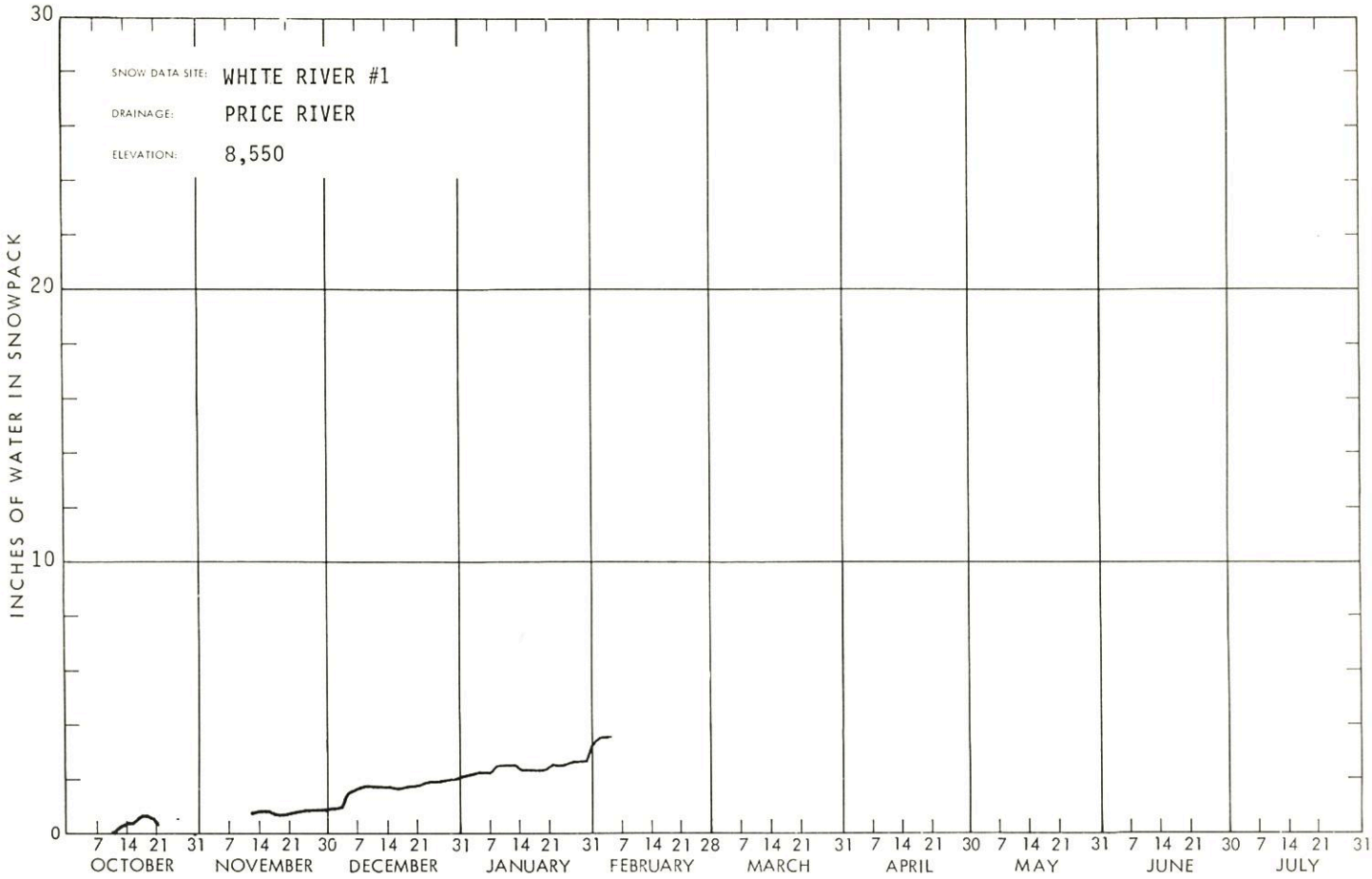

SNOW DATA SITE: FIVE POINTS LAKE
DRAINAGE: DUCHESNE
ELEVATION: 11,000'
INCHES OF WATER IN SNOWPACK
60
40
20
0
7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 31 7 14 21 28 7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 30 7 14 21 31
OCTOBER NOVEMBER DECEMBER JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY

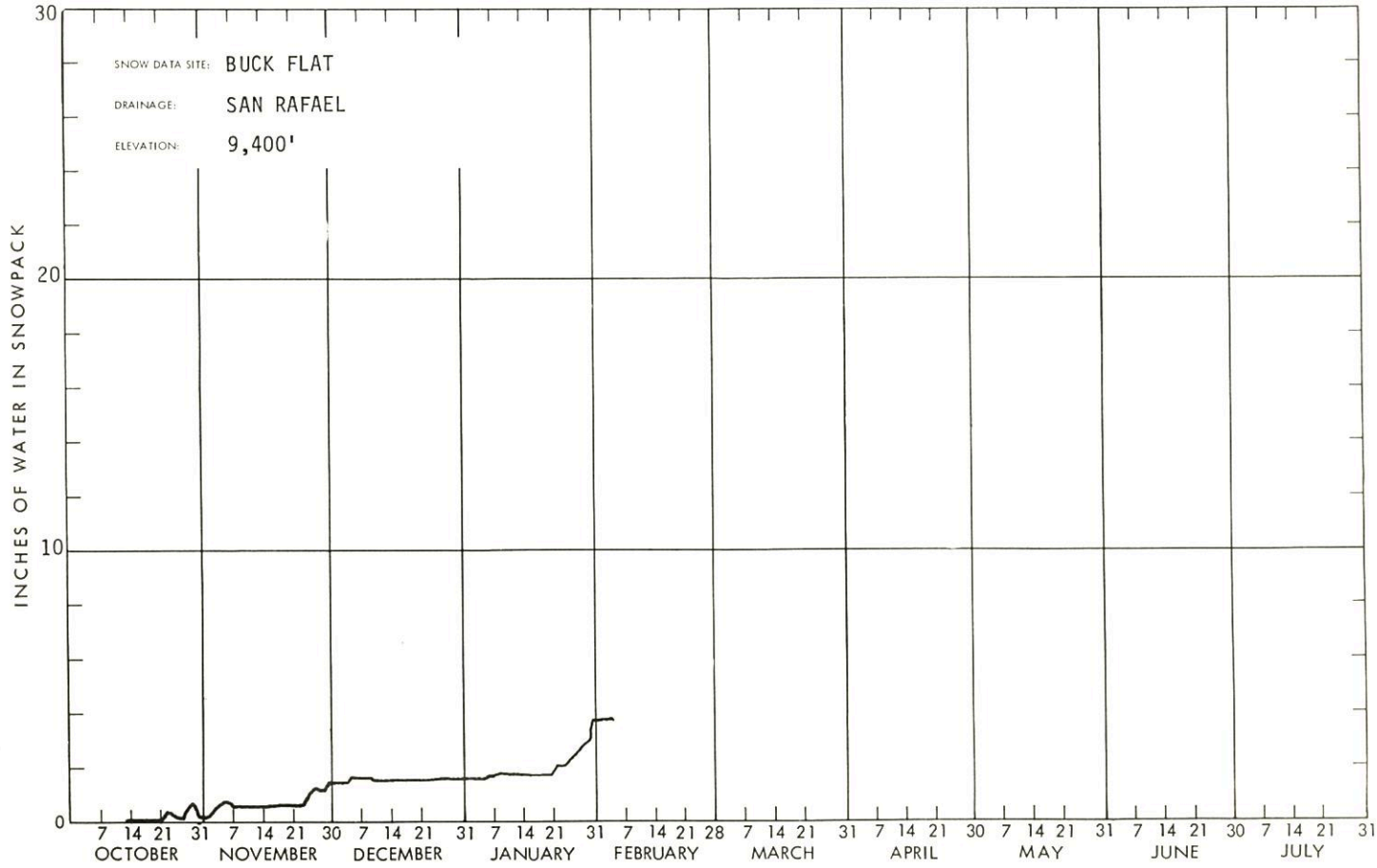

SNOW DATA SITE: CHEPETA-WHITEROCKS
DRAINAGE: DUCHESNE RIVER
ELEVATION: 10,350'
INCHES OF WATER IN SNOWPACK
60
40
20
0
7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 31 7 14 21 28 7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 30 7 14 21 31
OCTOBER NOVEMBER DECEMBER JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY

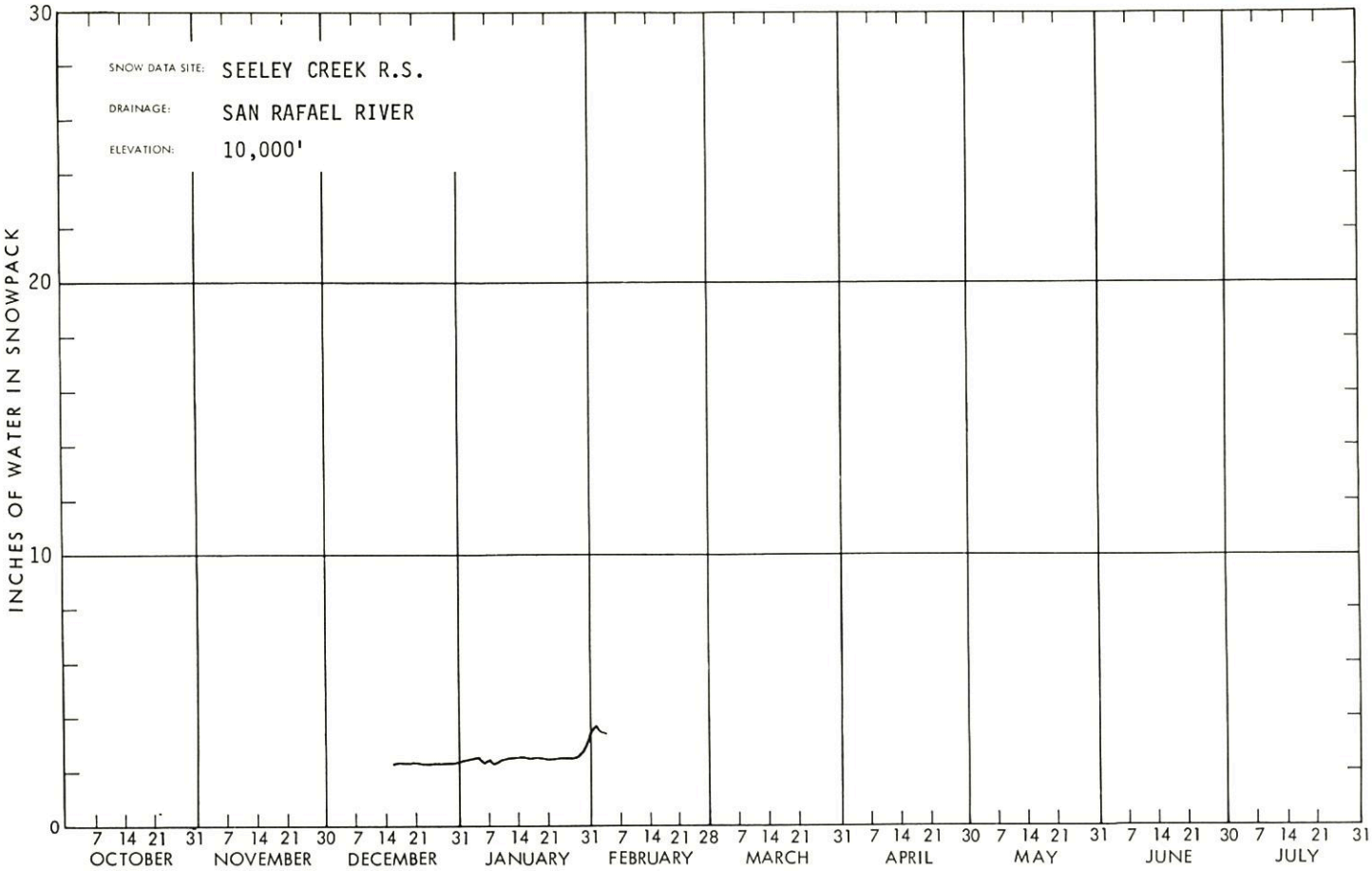

SNOW DATA SITE: MOSBY MTN.
DRAINAGE: DUCHESNE RIVER
ELEVATION: 9,500'
INCHES OF WATER IN SNOWPACK
30
20
10
0
7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 31 7 14 21 28 7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 30 7 14 21 31
OCTOBER NOVEMBER DECEMBER JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY

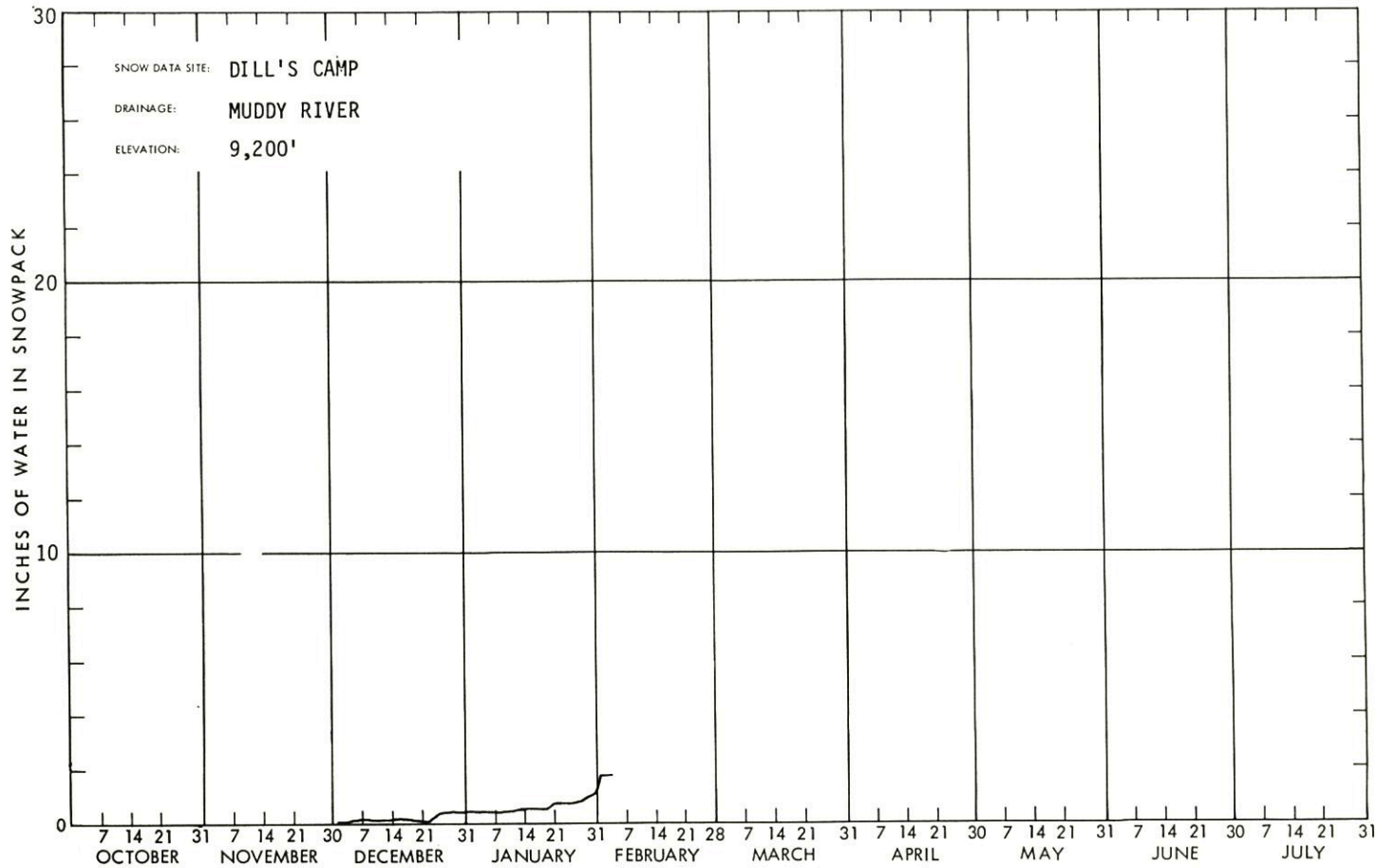

SNOW DATA SITE: ROCK CREEK RANCH
DRAINAGE: DUCHESNE RIVER
ELEVATION: 7,900'
INCHES OF WATER IN SNOWPACK
60
40
20
0
7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 31 7 14 21 28 7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 30 7 14 21 31
OCTOBER NOVEMBER DECEMBER JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY

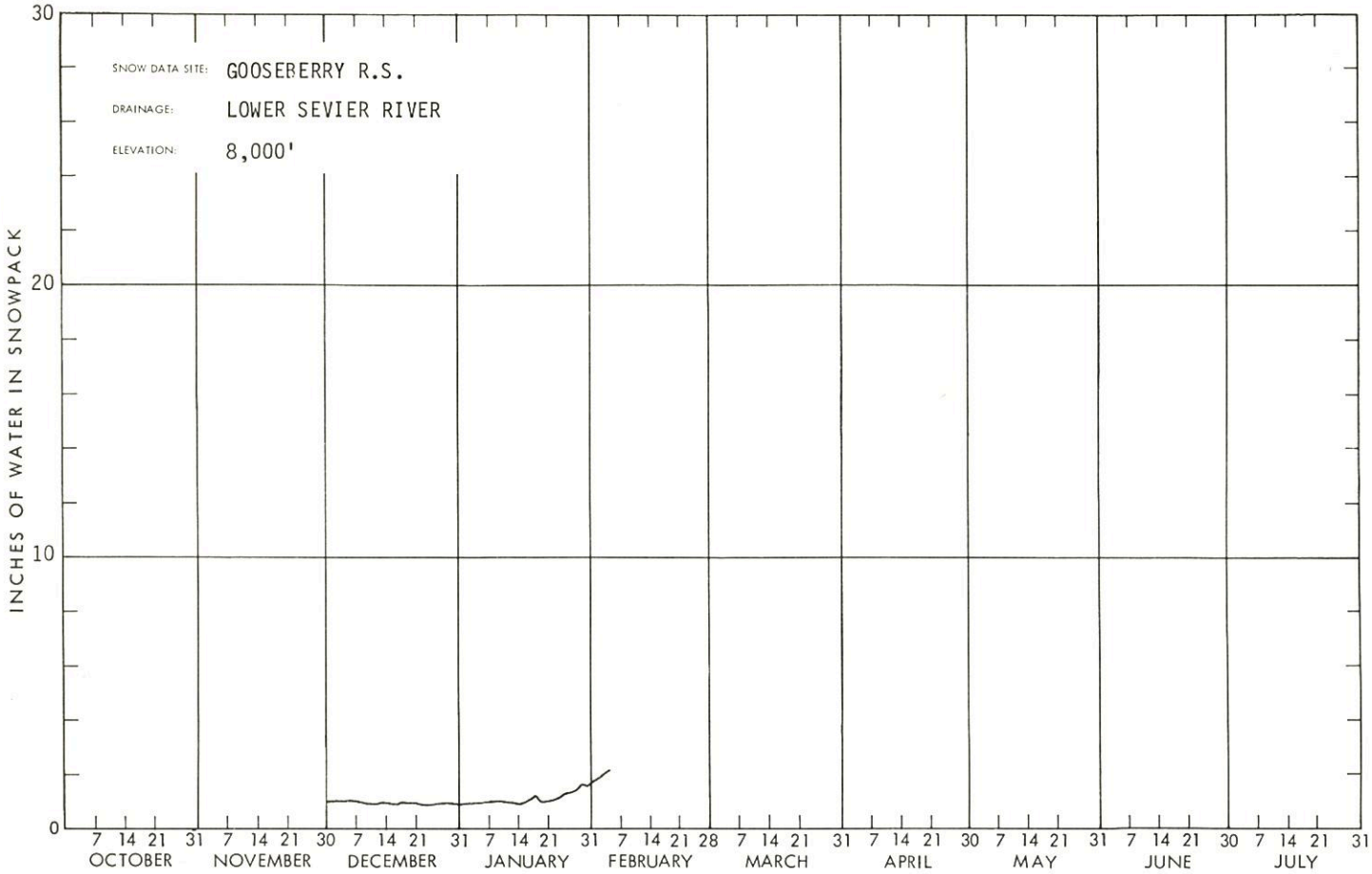

SNOW DATA SITE: INDIAN CANYON
DRAINAGE: DUCHESNE RIVER
ELEVATION: 9,100'
INCHES OF WATER IN SNOWPACK
30
20
10
0
7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 31 7 14 21 28 7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 30 7 14 21 31
OCTOBER NOVEMBER DECEMBER JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY

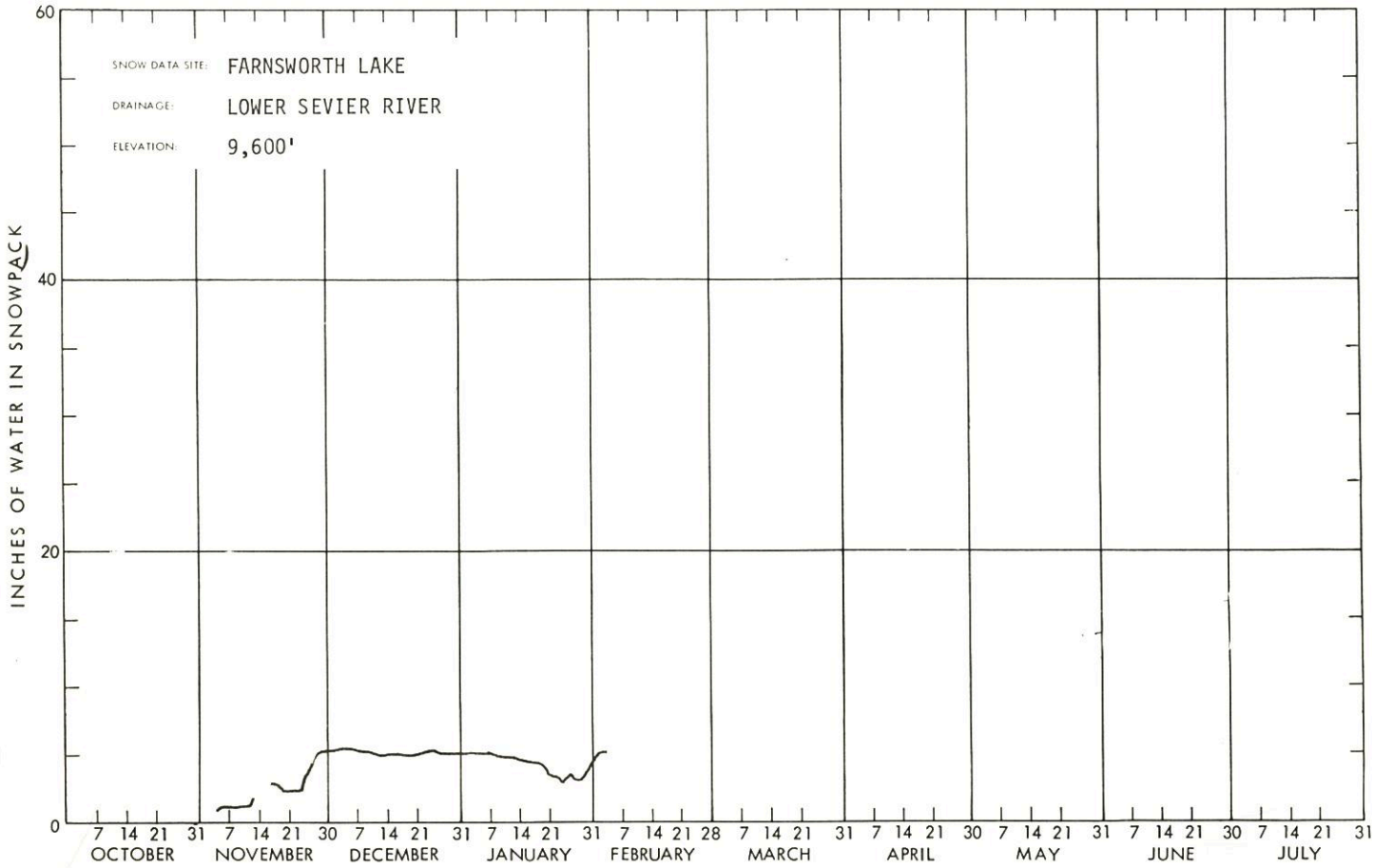

SNOW DATA SITE: WHITE RIVER #1
DRAINAGE: PRICE RIVER
ELEVATION: 8,550
INCHES OF WATER IN SNOWPACK
30
20
10
0
7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 31 7 14 21 28 7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 30 7 14 21 31
OCTOBER NOVEMBER DECEMBER JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY

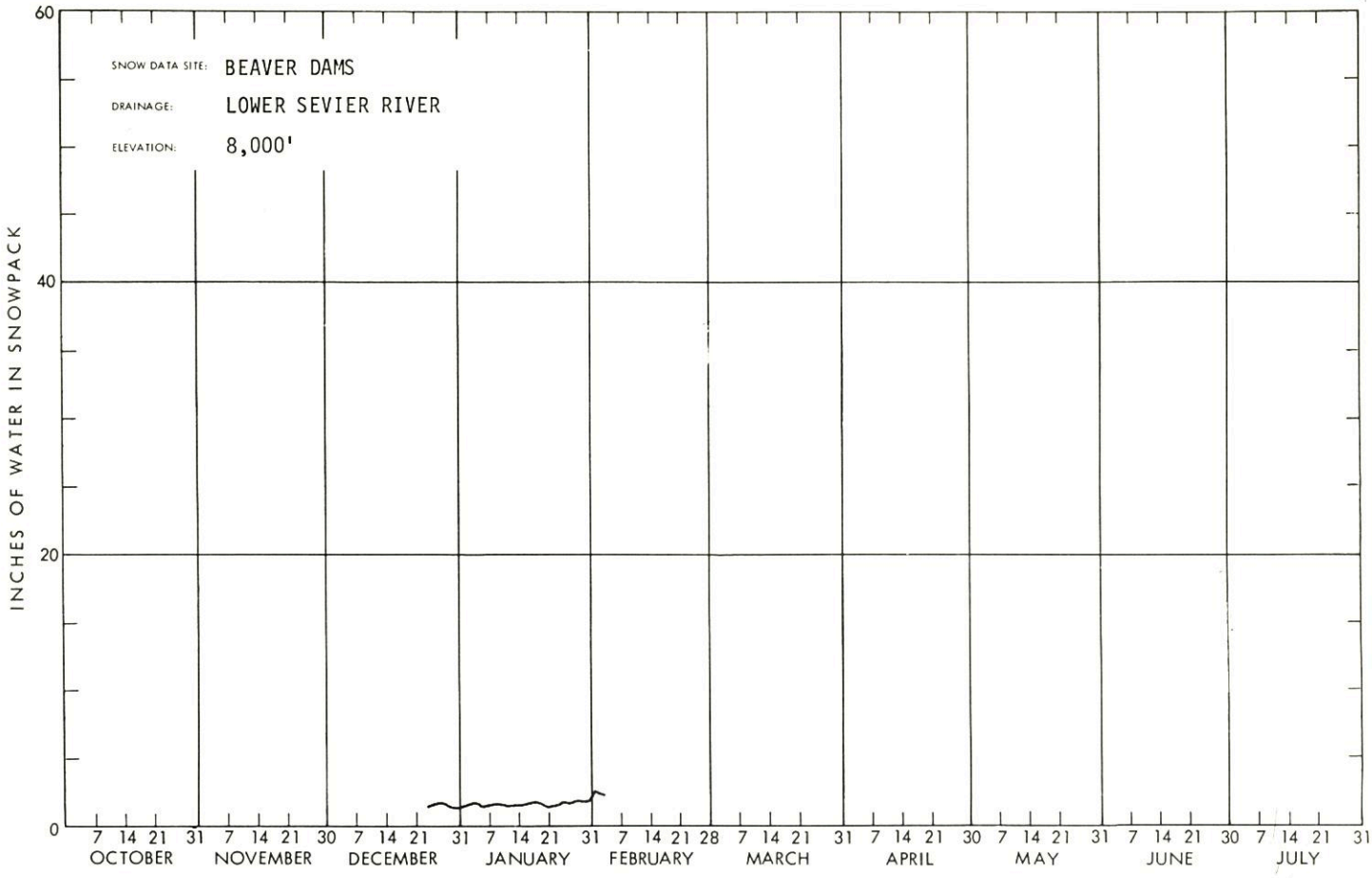

SNOW DATA SITE: BUCK FLAT
DRAINAGE: SAN RAFAEL
ELEVATION: 9,400'
INCHES OF WATER IN SNOWPACK
30
20
10
0
7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 31 7 14 21 28 7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 30 7 14 21 31
OCTOBER NOVEMBER DECEMBER JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY

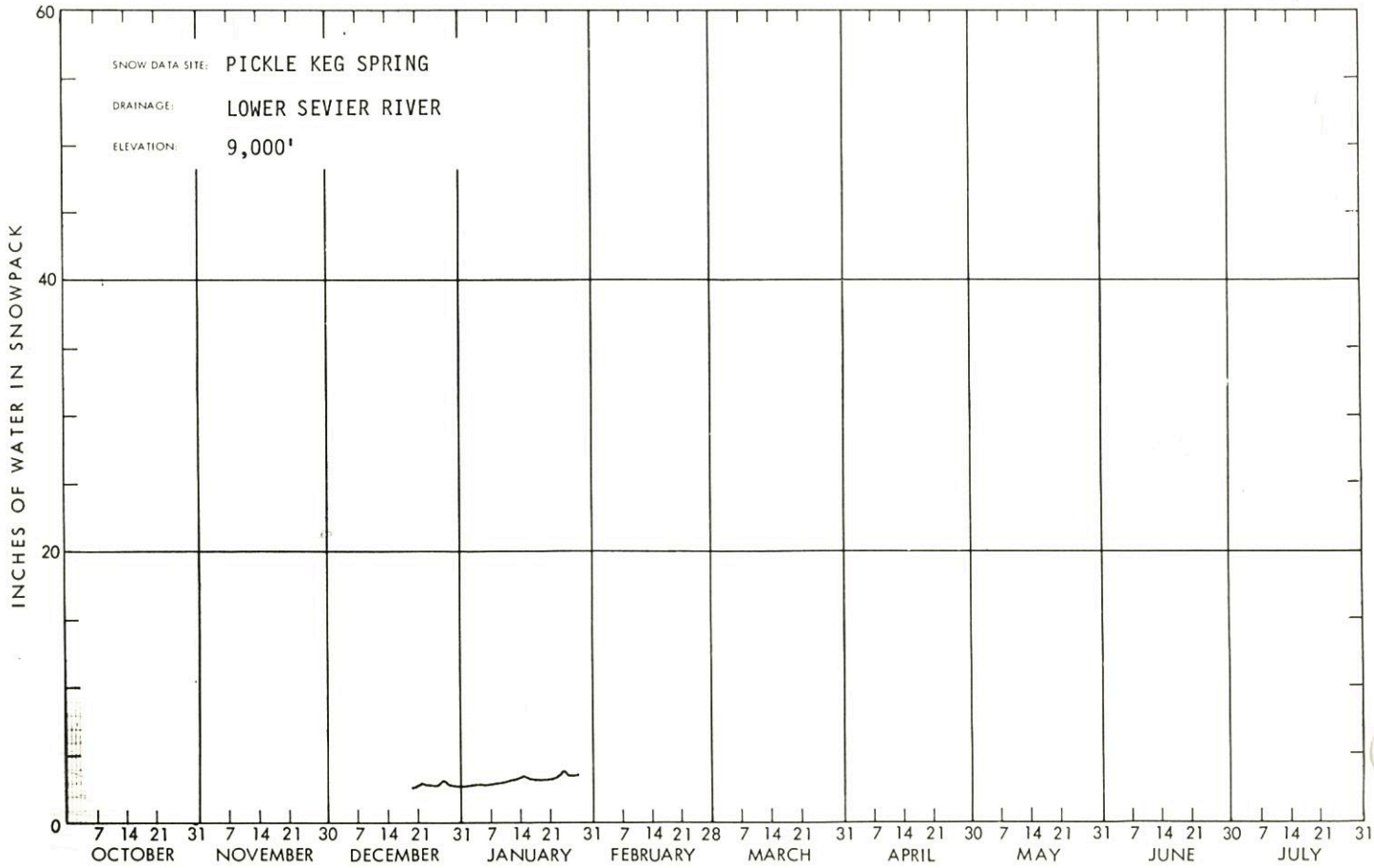

SNOW DATA SITE: SEELEY CREEK R.S.
DRAINAGE: SAN RAFAEL RIVER
ELEVATION: 10,000'
INCHES OF WATER IN SNOWPACK
30
20
10
0
7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 31 7 14 21 28 7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 30 7 14 21 31
OCTOBER NOVEMBER DECEMBER JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY

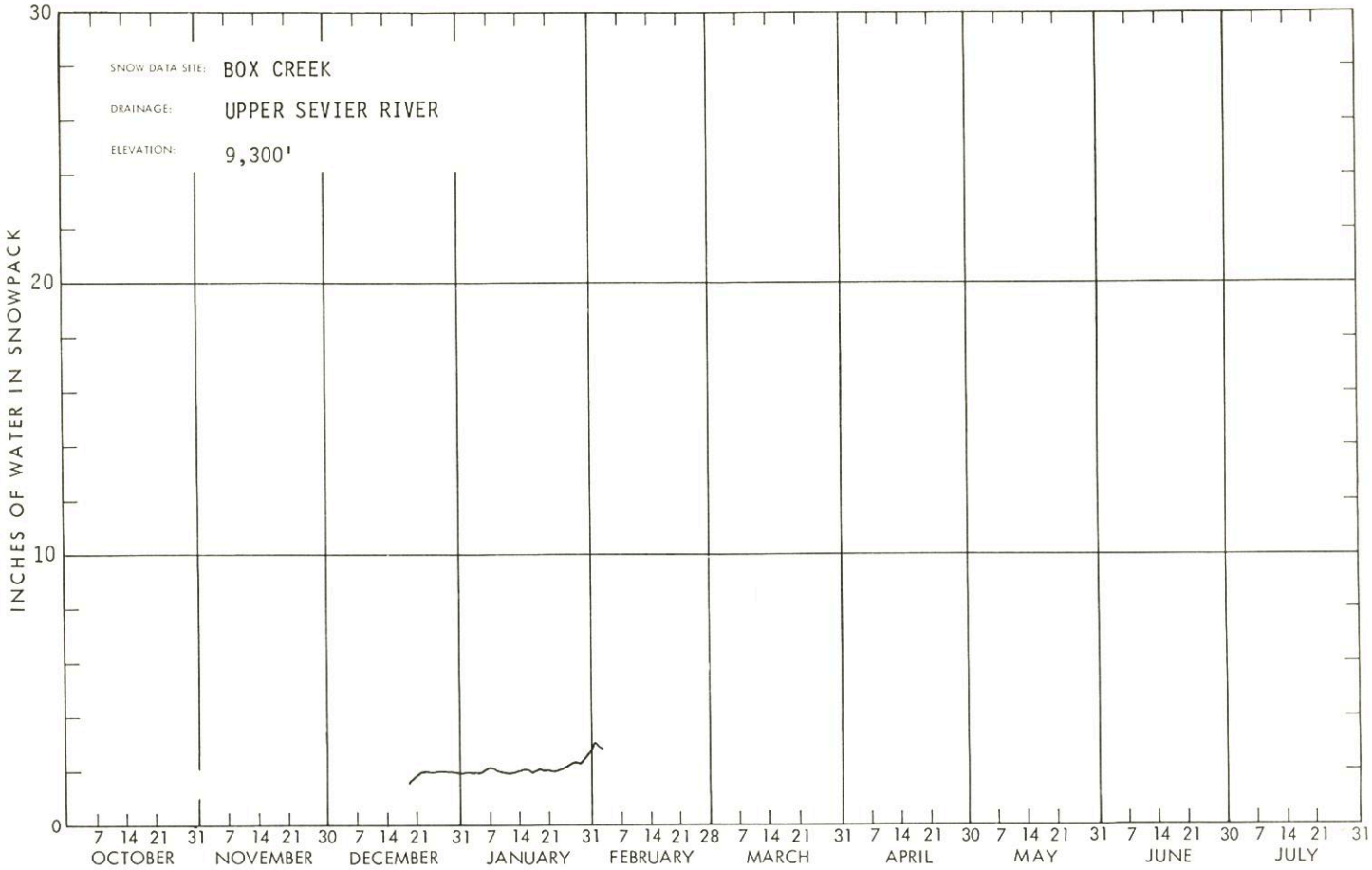

SNOW DATA SITE: DILL'S CAMP
DRAINAGE: MUDDY RIVER
ELEVATION: 9,200'
INCHES OF WATER IN SNOWPACK
30
20
10
0
7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 31 7 14 21 28 7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 30 7 14 21 31
OCTOBER NOVEMBER DECEMBER JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY

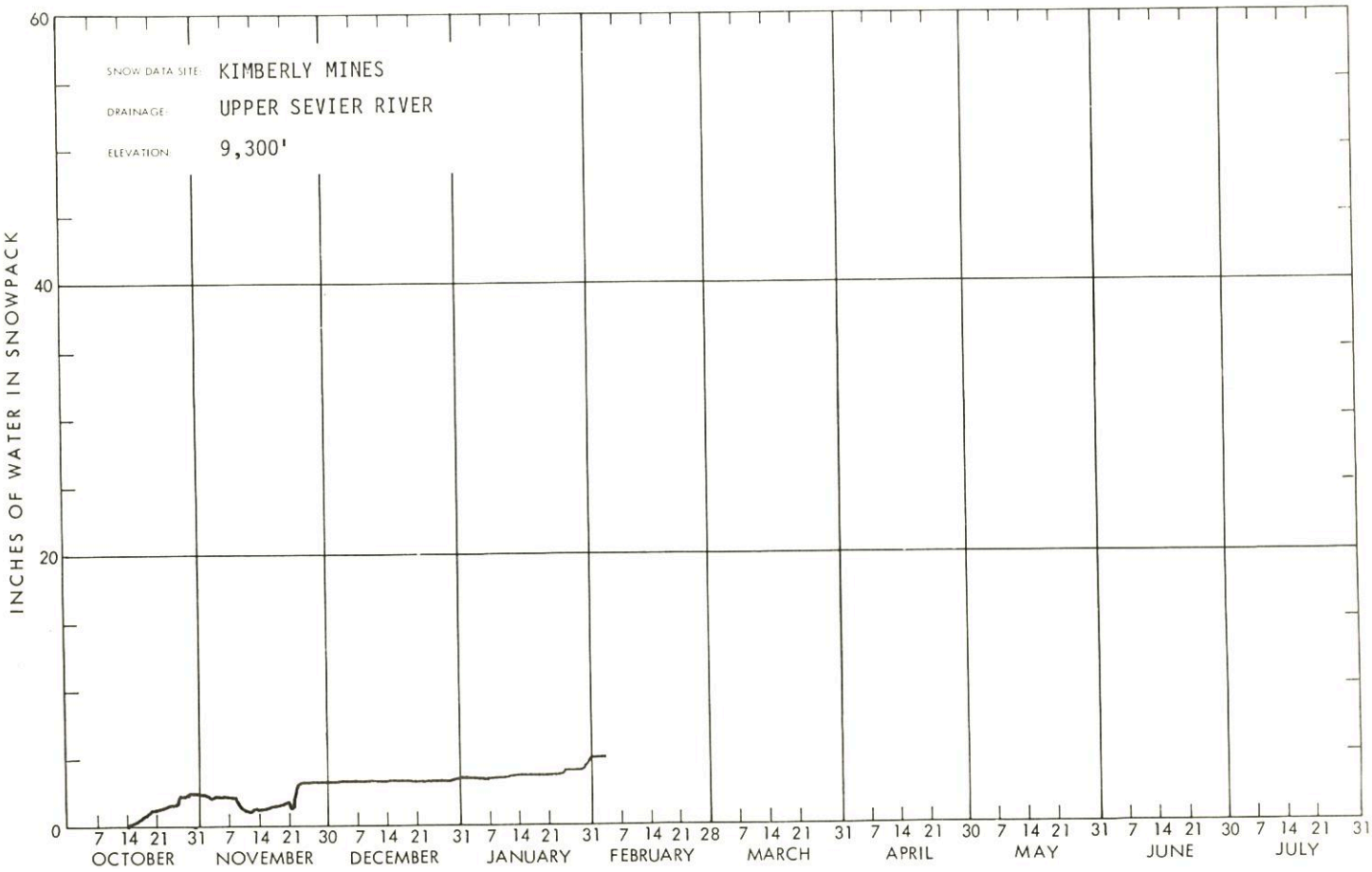

SNOW DATA SITE: GOOSEBERRY R.S.
DRAINAGE: LOWER SEVIER RIVER
ELEVATION: 8,000'
INCHES OF WATER IN SNOWPACK
30
20
10
0
7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 31 7 14 21 28 7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 30 7 14 21 31
OCTOBER NOVEMBER DECEMBER JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY

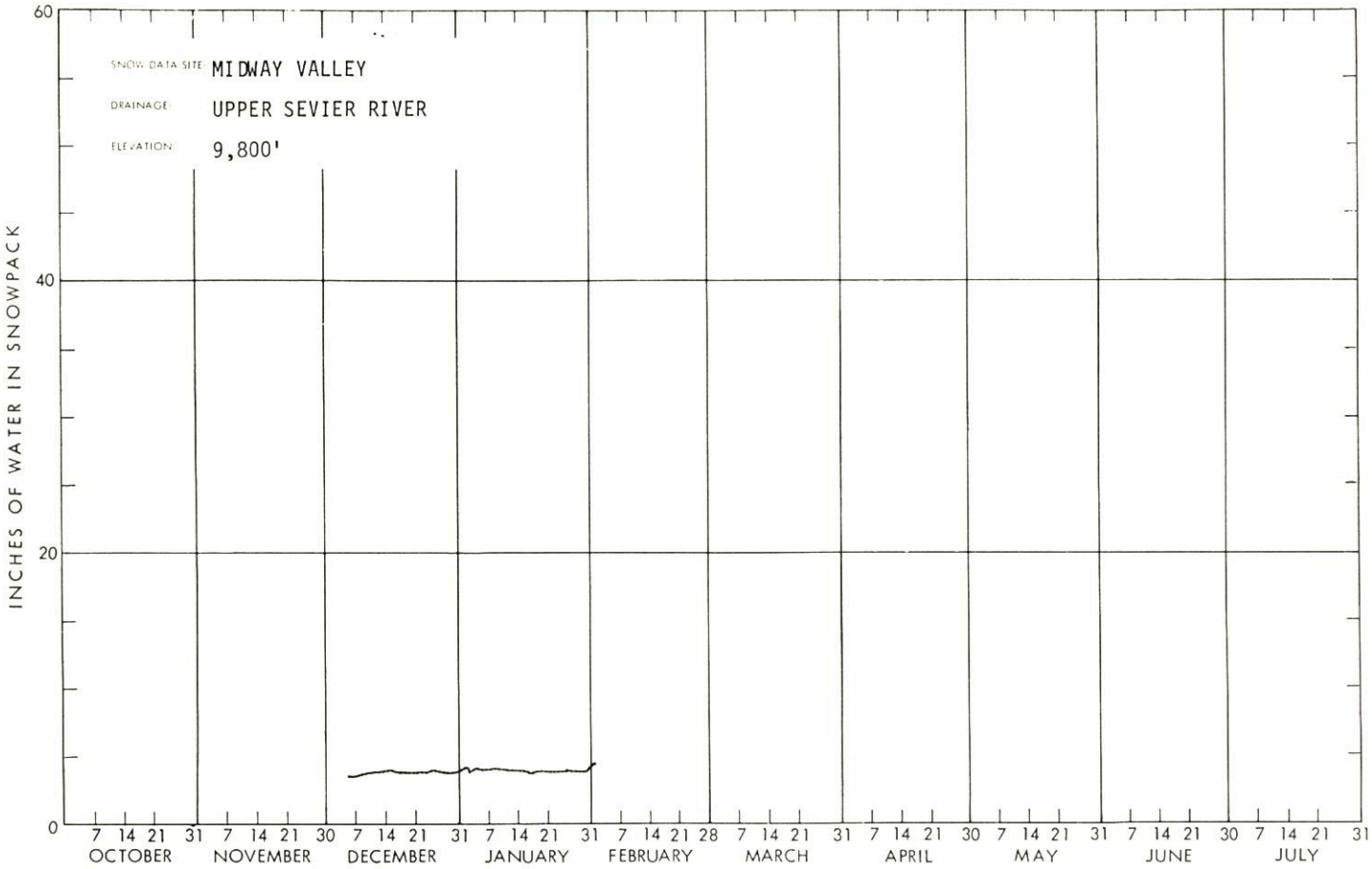

SNOW DATA SITE: FARNSWORTH LAKE
DRAINAGE: LOWER SEVIER RIVER
ELEVATION: 9,600'
INCHES OF WATER IN SNOWPACK
60
40
20
0
7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 31 7 14 21 28 7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 30 7 14 21 31
OCTOBER NOVEMBER DECEMBER JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY

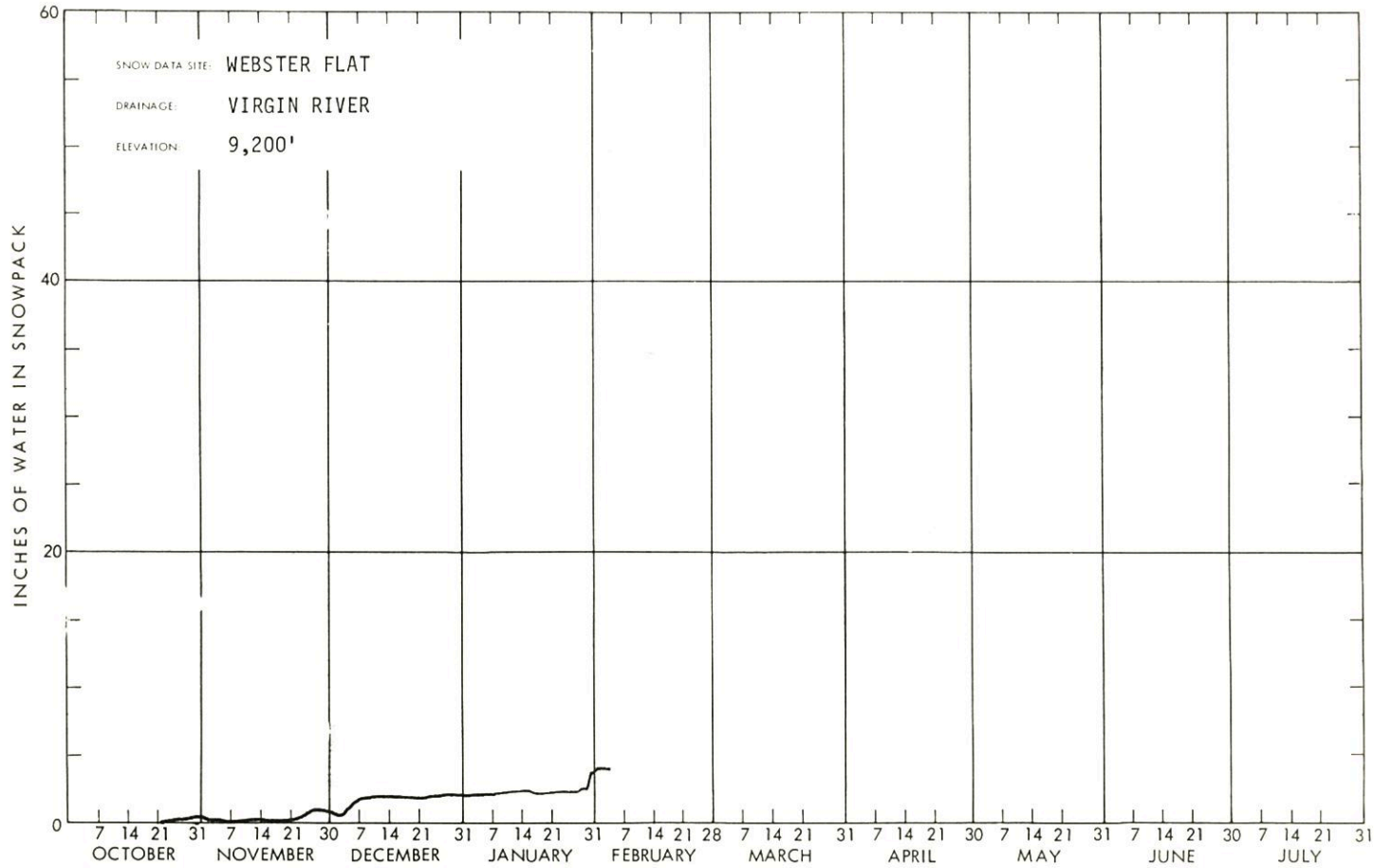

SNOW DATA SITE: BEAVER DAMS
DRAINAGE: LOWER SEVIER RIVER
ELEVATION: 8,000'
INCHES OF WATER IN SNOWPACK
60
40
20
0
7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 31 7 14 21 28 7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 30 7 14 21 31
OCTOBER NOVEMBER DECEMBER JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY

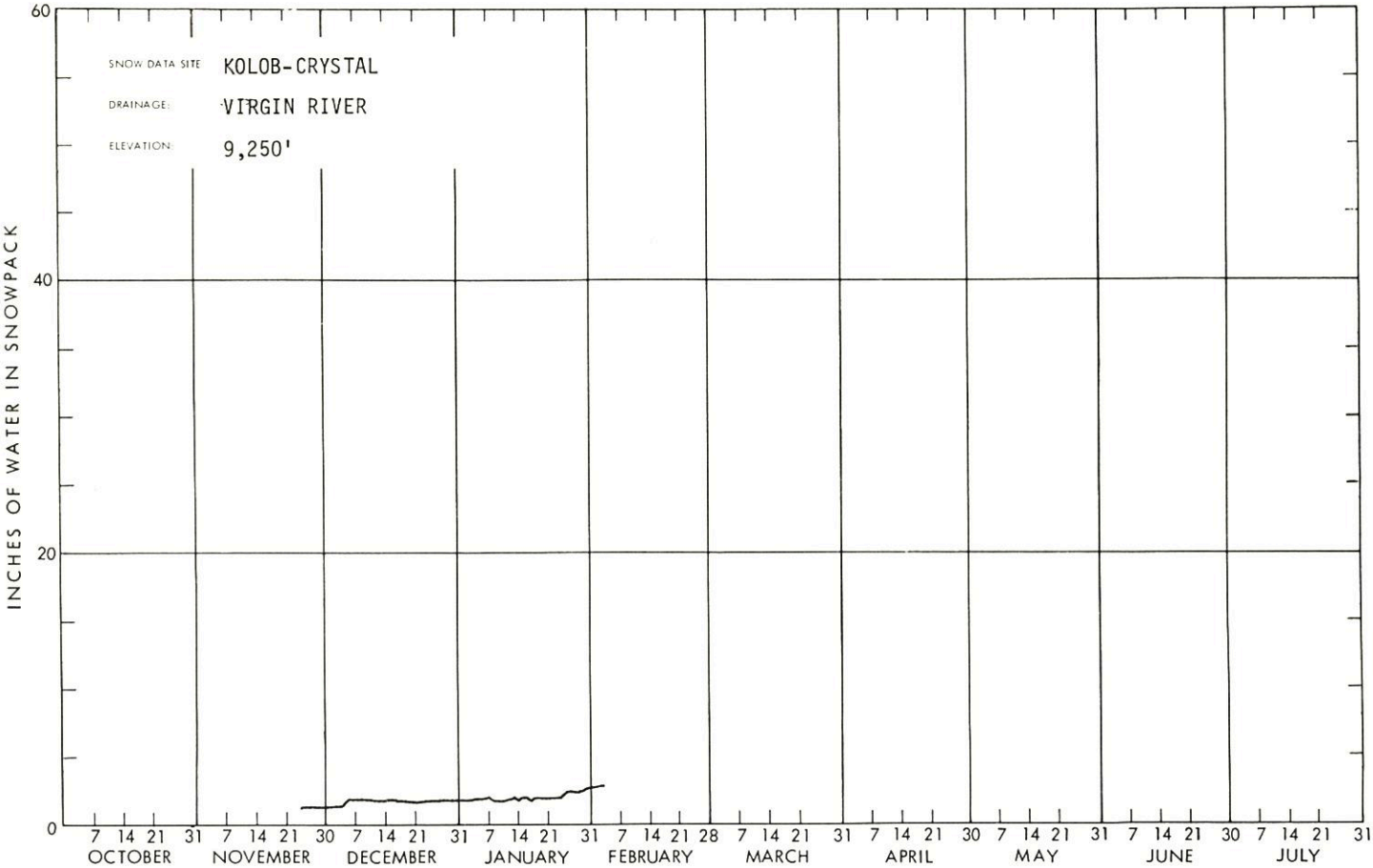

SNOW DATA SITE: PICKLE KEG SPRING
DRAINAGE: LOWER SEVIER RIVER
ELEVATION: 9,000'
INCHES OF WATER IN SNOWPACK
60
40
20
0
7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 31 7 14 21 28 7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 30 7 14 21 31
OCTOBER NOVEMBER DECEMBER JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY

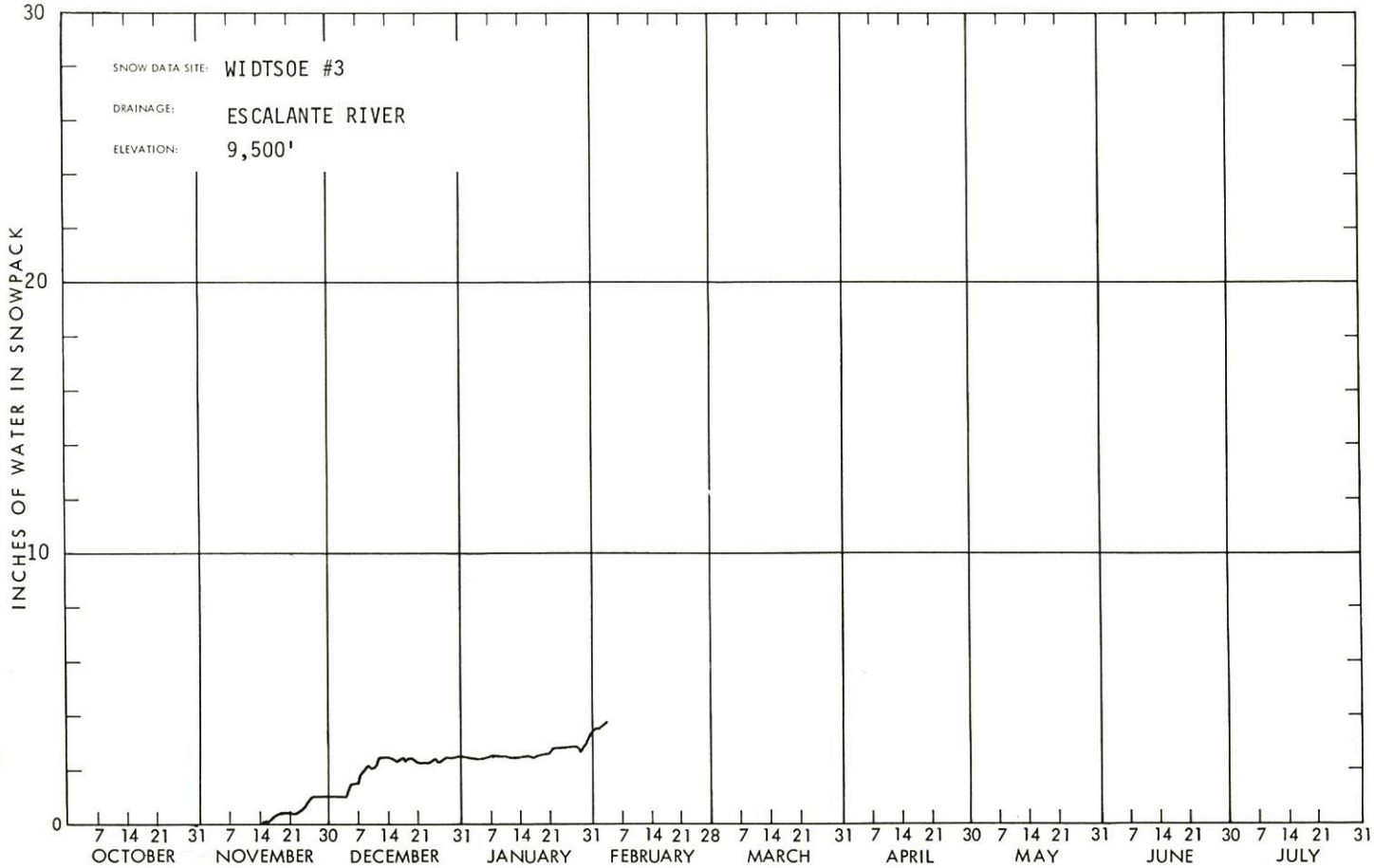

SNOW DATA SITE: BOX CREEK
DRAINAGE: UPPER SEVIER RIVER
ELEVATION: 9,300'
INCHES OF WATER IN SNOWPACK
30
20
10
0
7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 31 7 14 21 28 7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 30 7 14 21 31
OCTOBER NOVEMBER DECEMBER JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY

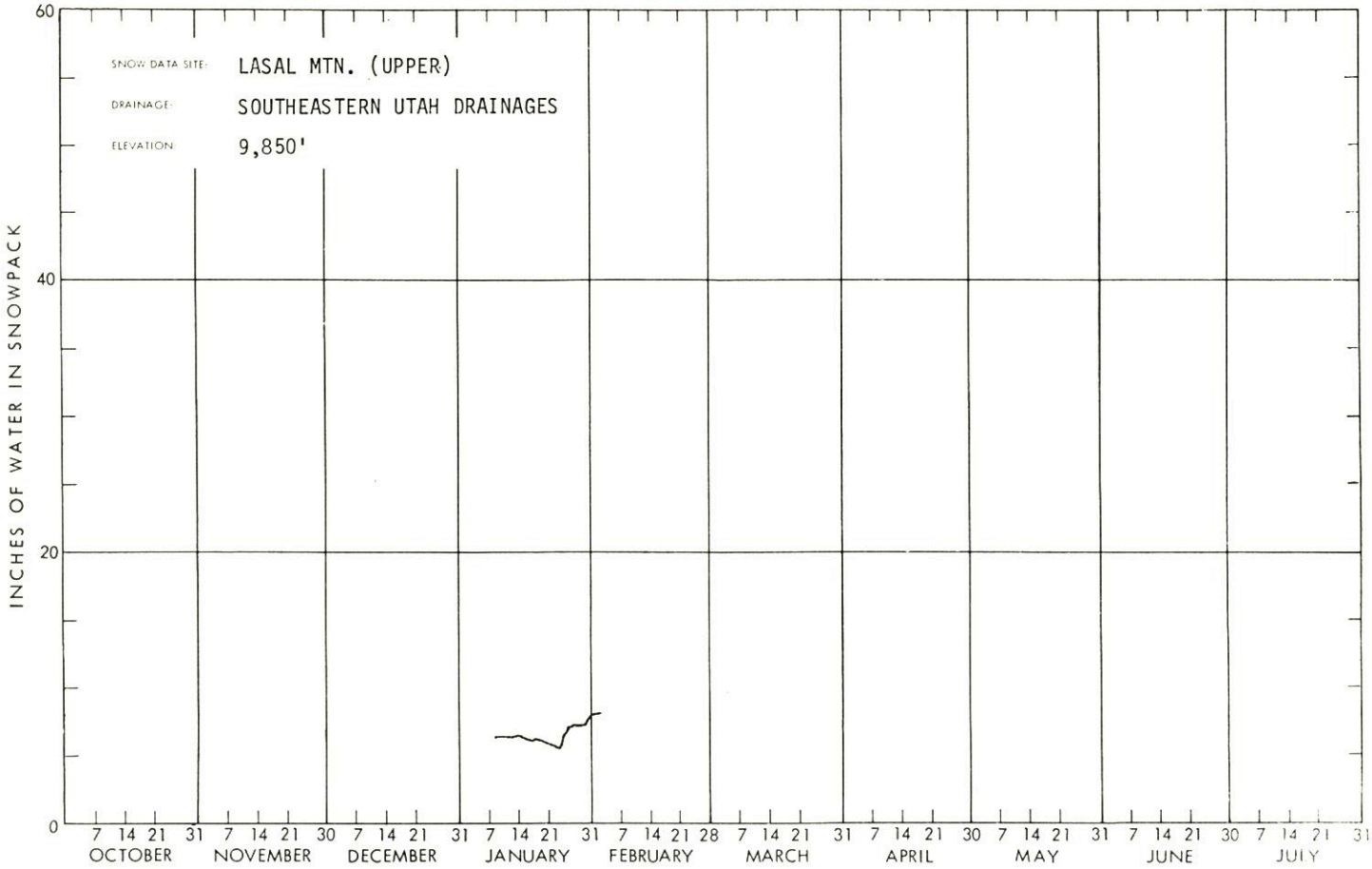

SNOW DATA SITE: KIMBERLY MINES
DRAINAGE: UPPER SEVIER RIVER
ELEVATION: 9,300'
INCHES OF WATER IN SNOWPACK
60
40
20
0
7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 31 7 14 21 28 7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 30 7 14 21 31
OCTOBER NOVEMBER DECEMBER JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY

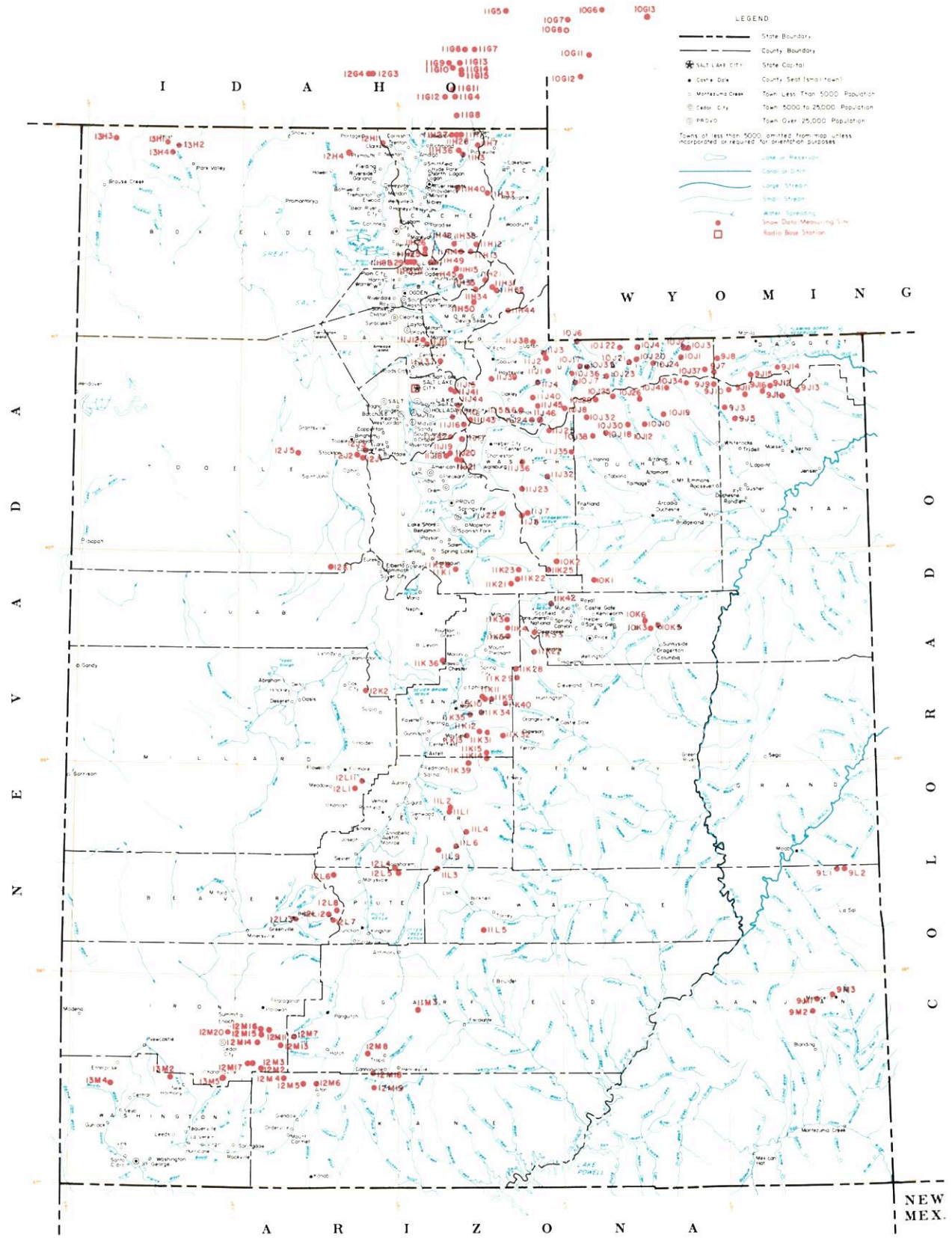

SNOW DATA SITE: MIDWAY VALLEY
DRAINAGE: UPPER SEVIER RIVER
ELEVATION: 9,800'
INCHES OF WATER IN SNOWPACK
60
40
20
0
7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 31 7 14 21 28 7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 30 7 14 21 31
OCTOBER NOVEMBER DECEMBER JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY


SNOW DATA SITE: WEBSTER FLAT
DRAINAGE: VIRGIN RIVER
ELEVATION: 9,200'
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 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 DATA SITE: WIDTSOE #3
DRAINAGE: ESCALANTE 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
OCTOBER NOVEMBER DECEMBER JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY


SNOW DATA SITE: LASAL MTN. (UPPER)
DRAINAGE: SOUTHEASTERN UTAH DRAINAGES
ELEVATION: 9,850'
INCHES OF WATER IN SNOWPACK
60
40
20
0
7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 31 7 14 21 28 7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 30 7 14 21 31
OCTOBER
NOVEMBER
DECEMBER
JANUARY
FEBRUARY
MARCH
APRIL
MAY
JUNE
JULY



SNOW COURSES AND RELATED DATA MEASURING SITES

UTAH

1981

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

SCALE 1:5,000,000

ALBERS EQUAL AREA PROJECTION

USDA-NCS, PORTLAND, OR 1980 M7-101-2-2-0-2

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
11J1B	U	Timpanogos Cave Camp	27	4S	2E	5,500
11J21PST	U	Timpanogos Divide	33	4S	3E	8,140
10J8PST	U	Trial Lake	5	2S	9E	9,960
		JORDAN RIVER & GREAT SALT LAKE				
12J2	U	Bevan's Cabin	24	4S	4W	6,450
12J5P	U	Deseret Peak	15	4S	7W	9,250
11J41P	U	Lamb's Canyon #2	21	1S	3E	7,500
12J3P	U	Middle Canyon	8	4S	3W	7,000
11J44	U	Mill Creek	25	1S	2E	6,950
11J10	U	Mill D South Fork	18	2S	3E	7,400
12J1P	U	Rocky Basin-Settlement Canyon	30	4S	3W	8,900
11J16P	U	Silver Lake (Brighton)	35	2S	3E	8,725
11J42	U	Snow Bird (Gad Valley)	18	3S	3E	9,700
12K1PST	U	Vernon Creek	21	10S	5W	7,500
		UPPER SEVIER RIVER (South of Richfield, Utah)				
12L4PST	U	Box Creek	33	26S	2W	9,300
12M8	U	Bryce Canyon	36	36S	4W	8,000
12M13PST	U	Castle Valley	23	36S	8W	9,580
12M4P	U	Duck Creek R.S.	11	38S	8W	8,700
12M18	U	Farview	32	37S	4W	8,200
12M5PST	U	Harris Flat	24	38S	7W	7,700
11L9p	U	High-Top Mountain	36	25S	1E	11,400
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	8,750
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

United States
Department of
Agriculture

Soil
Conservation
Service

Salt Lake City
Utah

WATER SUPPLY OUTLOOK FOR UTAH

in Cooperation with Utah State
Department of Natural Resources

March 1, 1981

CAUTION

Irrigators May Face a Water Shortage This Year

SNOW COURSE MEASUREMENTS MADE ON FEBRUARY 1, 1981, INDICATE THAT LOW FLOWS WILL OCCUR IN MANY STREAMS. STUDY THE ATTACHED WATER SUPPLY FORECAST CAREFULLY FOR STREAM FLOW AND/OR RESERVOIR STORAGE FIGURES THAT CONCERN YOUR AREA. KEEP IN TOUCH WITH YOUR IRRIGATION DISTRICT OR OTHER OFFICIALS FOR ESTIMATES OF THE SUPPLY AVAILABLE TO YOU. YOU MAY FIND YOU'LL NEED TO CHANGE CROPS, REDUCE PLANTED ACREAGE, ADJUST TIMING OF WATER APPLICATION, OR IMPROVE EFFICIENCY OF YOUR WATER DISTRIBUTION SYSTEM.

THESE ARE SOME OF THE EARLY DECISIONS AND PLANS YOU MAY HAVE TO MAKE:

CHANGE CROPS	Plant crops which require less water.
REDUCE ACREAGE	Reduce your crop acreage. This will help you make better use of your water as well as reduce the amount of seed and fertilizer you need to buy. Be sure to use cover crops to prevent wind erosion on land you don't irrigate.
CONSIDER ENERGY COSTS	Even if you are able to pump supplemental water, you should compare inflated energy costs with anticipated crop earnings. You may be money ahead to reduce acreage or change crops.
CHECK IRRIGATION SYSTEM	Check your irrigation systems carefully. Make certain that ditches have no water-wasting weeds or debris to slow delivery, sprinkler heads don't have leaks, pipes have tight connections, and pumps work properly. If new parts or equipment are needed, buy them early.
PLANT BEST LAND	Plant only your best land - it makes most efficient use of water. If your soil has been mapped, local Soil Conservation Service (SCS) personnel can guide you. If not, they can still give you general information.
TECHNICAL ASSISTANCE?	Maintain close contact with the Soil Conservation Service or your local Conservation District for the latest water supply forecast, and for soil information. SCS has water conservation pamphlets and other information that can help irrigators get by with less water.
COST-SHARE OR LOANS?	Maintain close contact with local offices of Agricultural Stabilization and Conservation Service (ASCS) and the Farmers Home Administration (FmHA). If a drought situation develops, funds might be made available for cost-sharing or loans to help you apply special water conservation practices.
CROPS, FEED, FERTILIZER, OR MARKETING QUESTIONS?	Contact your local Cooperative Extension Service office for crop selection alternatives, fertilizer recommendations, feed supply conditions, and marketing outlook.

SCS, ASCS, AND FmHA ARE LISTED IN THE PHONE BOOK UNDER "U.S. GOVERNMENT, AGRICULTURE, DEPARTMENT OF." COOPERATIVE EXTENSION SERVICE IS USUALLY LISTED WITH LOCAL COUNTY OFFICES.

WATER SUPPLY OUTLOOK FOR UTAH

and

FEDERAL - STATE - PRIVATE COOPERATIVE SNOW SURVEYS

Issued by

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In Cooperation with

UTAH STATE DEPT. OF NATURAL RESOURCES

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

PROSPECTIVE WATER SUPPLIES

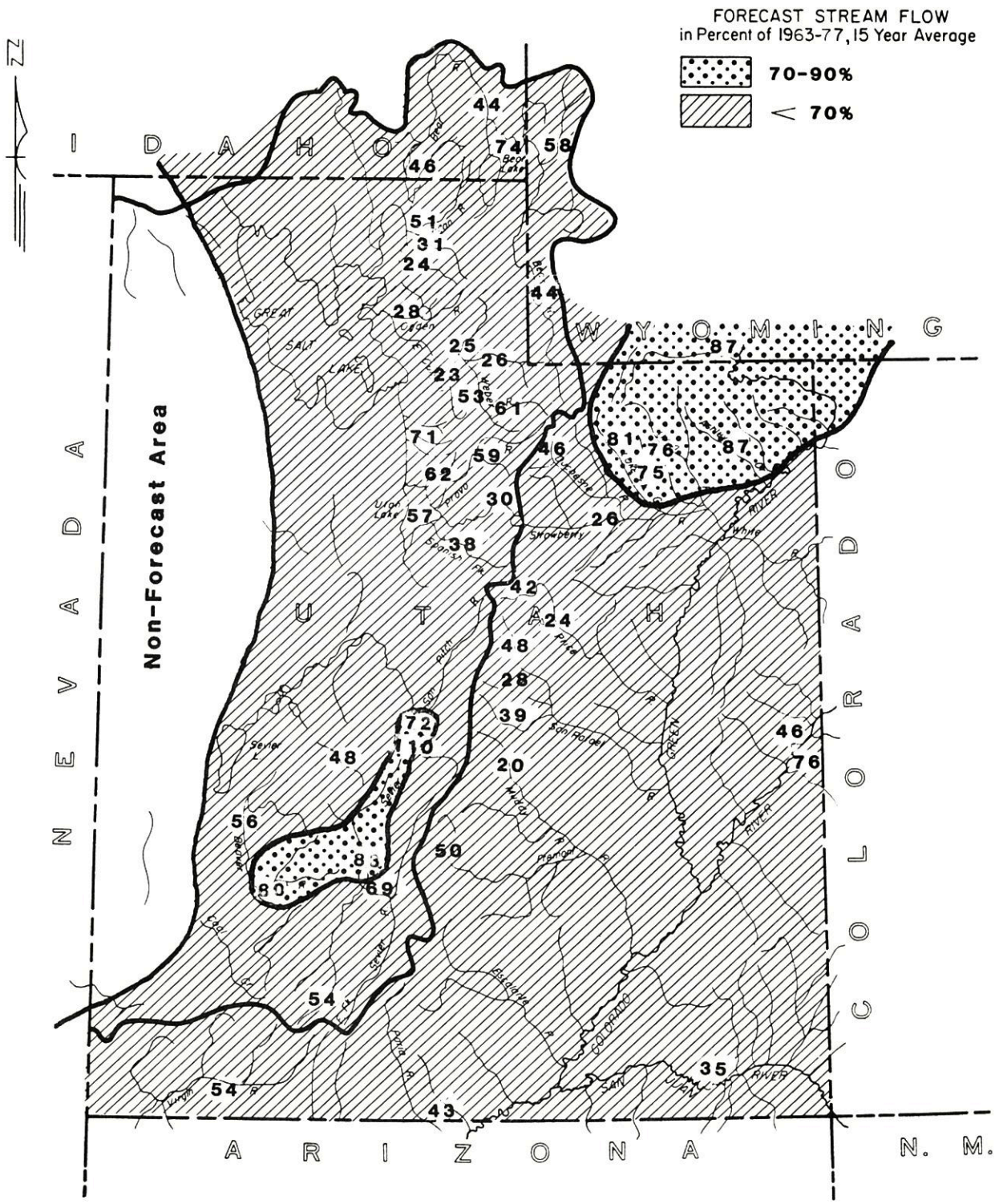
Based on Snow Surveys Made on UTAH and BEAR RIVER WATERSHEDS

March 1, 1981

Approximate Date

50 0 50 100

SCALE IN MILES



WATER SUPPLY OUTLOOK

as of
MARCH 1, 1981

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* * * * * * * * * * * * * * * * * * * * * * * * * *
* Utah's 1981 water supply outlook ranges from     *
* "near average" to "poor". Snow cover varies      *
* from 23 to 88% of the March 1 average and soil   *
* moisture under the snow is well below average.   *
* Reservoir storage is above average but stream-   *
* flow forecasts are well below average.           *
*                                                  *
* * * * * * * * * * * * * * * * * * * * * * * * * *
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SNOW COVER

Snow cover ranges from 23% of the March 1 average on the Blue Mountains above Blanding and Monticello to 88% on Sheep Creek above Manila on the east end of the Uintahs. Snow cover on the Upper Sevier, Virgin, San Rafael, Fremont, Muddy and Price Rivers is generally less than 35% of the March 1 average and the east end of the Uintahs and the LaSal Mountains are 60 to 90% of average. The rest of the state is 40 to 60% of the March 1 average. Most of the state has better snow water content than March 1, 1977, except the central area on the Muddy, San Rafael and Price Rivers where many snow measurements were less than in 1977.

PRECIPITATION

Mountain precipitation stations generally follow the snow cover for the October-February period and range from 30 to 90% of average. February precipitation, although better, ranged 14 to 147% of average and generally 60 to 80% of average.

SOIL MOISTURE

Watershed soil moisture under the snow pack is generally much drier than average. Soils are expected to soak up snow melt water and further reduce streamflow this spring.

RESERVOIR STORAGE

Storage in 26 of Utah's key reservoirs is now 19% above the 15 year average and about 15% better than last year at this time. Statewide, these reservoirs are 83% of useable capacity and most are expected to fill this year. The exceptions may be Pineview, Lost Creek, East Canyon and Strawberry. Filling these will depend on how fast the flow sequence begins this spring.

STREAMFLOW FORECASTS

Streamflow forecasts were reduced again this month and now range from 14% of average on Woodruff Creek to 110% on the Lower Sevier.

WATER SUPPLY OUTLOOK (continued)

Bear River forecasts range from 74% at State Line to 24% at Randolph and 44% at Harer, Idaho. Weber River is forecast 61% at Oakley and 28% at Gateway with East Canyon Creek 23% and Lost Creek 25%. Pineview Reservoir Inflow is forecast 23% and South Fork Ogden 26% of the April-June average.

Provo River is forecast 59% at Hailstone, 45% at Deer Creek Dam, and 57% for the Inflow to Utah Lake. Strawberry Inflow is forecast 30% and Spanish Fork 38%.

Streams along the Wasatch Front above Salt Lake City are forecast 38 to 72% of average, Vernon Creek 50%, and Settlement Creek 32% of the April-July average.

Forecasts for streams in Uintah Basin range from 26% for the Strawberry at Duchesne to 87% for Henrys Fork. Lakefork is forecast 81% and Ashley Creek 82% of the April-July average.

Streams in the Price-San Rafael-Fremont River area are forecast 20 to 50% of average. Mill Creek above Moab is forecast 76% of average.

Sevier Basin forecasts dropped 2 to 40% this month and now range from 26% of average on Salina Creek to 110% for the Inflow Sigurd to Gunnison. The Sevier at Hatch is 54% and at Gunnison the forecast is 92% of the April-July average.

Beaver River is forecast 80% of average at Beaver and 56% for Minersville Inflow. Virgin River is forecast 54%, Santa Clara 31%, and Coal Creek 53%.

Water users without adequate reservoir storage or those without first rights to natural streamflow are expected to have short water supplies by mid-season. Precautions should be taken to conserve and stretch water supplies as much as possible this season.

RESERVOIR STORAGE (Thousand Acre Feet) END OF MONTH

Basin or Stream	RESERVOIR	Usable Capacity	Usable Storage		
			This Year	Last Year	Average+
GREAT BASIN					
Bear River	Bear Lake	1421.0	1052.9	1007.9	1030.6
	Woodruff Narrows	57.3	20.2	15.0e	20.5
Beaver River	Minersville (RkyFd)	23.3	24.1	18.9	13.5
Little River	Hyrum	15.3	10.5	10.3	10.9
	Porcupine	11.3	3.8	2.8	3.6
Ogden	Causey	6.9	4.4	3.1	2.0b
	Pineview	110.1	62.0	73.5	49.9
Provo	Deer Creek	149.7	115.2	109.9	106.6
Settlement Creek	Settlement Creek	1.2	0.5	0.6	--
	Vernon Creek	0.6	0.6	0.6e	--
Sevier River	Gunnison	18.2	18.2	18.2	14.0
	Otter Creek	52.5	52.5	46.8	33.1
	Piute	71.8	70.5	48.9	44.9
	Sevier Bridge	236.0	230.8	152.9	131.4
Spanish Fork	Strawberry	270.0	216.3	164.3	153.7
Utah Lake	Utah Lake	883.9	873.3	805.9	719.8
Weber	East Canyon	48.1	37.8	33.2	28.3
	Echo	73.9	58.0	52.7	51.7
	Lost Creek	20.0	16.5	14.0	13.2b
	Rockport	60.9	44.3	24.1	32.8
	Willard Bay	193.3	175.6	184.1	135.1
COLORADO RIVER BASIN					
Ashley Creek	Steinaker	33.3	26.7	15.2	21.9
Colorado	Blue Mesa	829.5	446.0	445.5	--
	Lake Powell	25002.0	21635.0	21080.0	--
Green	Flaming Gorge	3749.0	2970.0	2440.2	--
Lakefork	Moon Lake	35.8	16.7	9.0	18.3
Price River	Scofield	65.8	50.4	44.7	35.8
San Juan	Navajo	1696.0	1253.0	1101.0	--
San Rafael	Huntington North	3.9	2.8	3.0	3.0b
	Joe's Valley	54.6	37.0	34.8	36.9b
	Mill Site	16.7	10.0e	5.0e	--
Strawberry	Starvation	165.3	150.7	37.6	130.0b
Uintah	Bottle Hollow	11.3	11.3	10.4	9.9b

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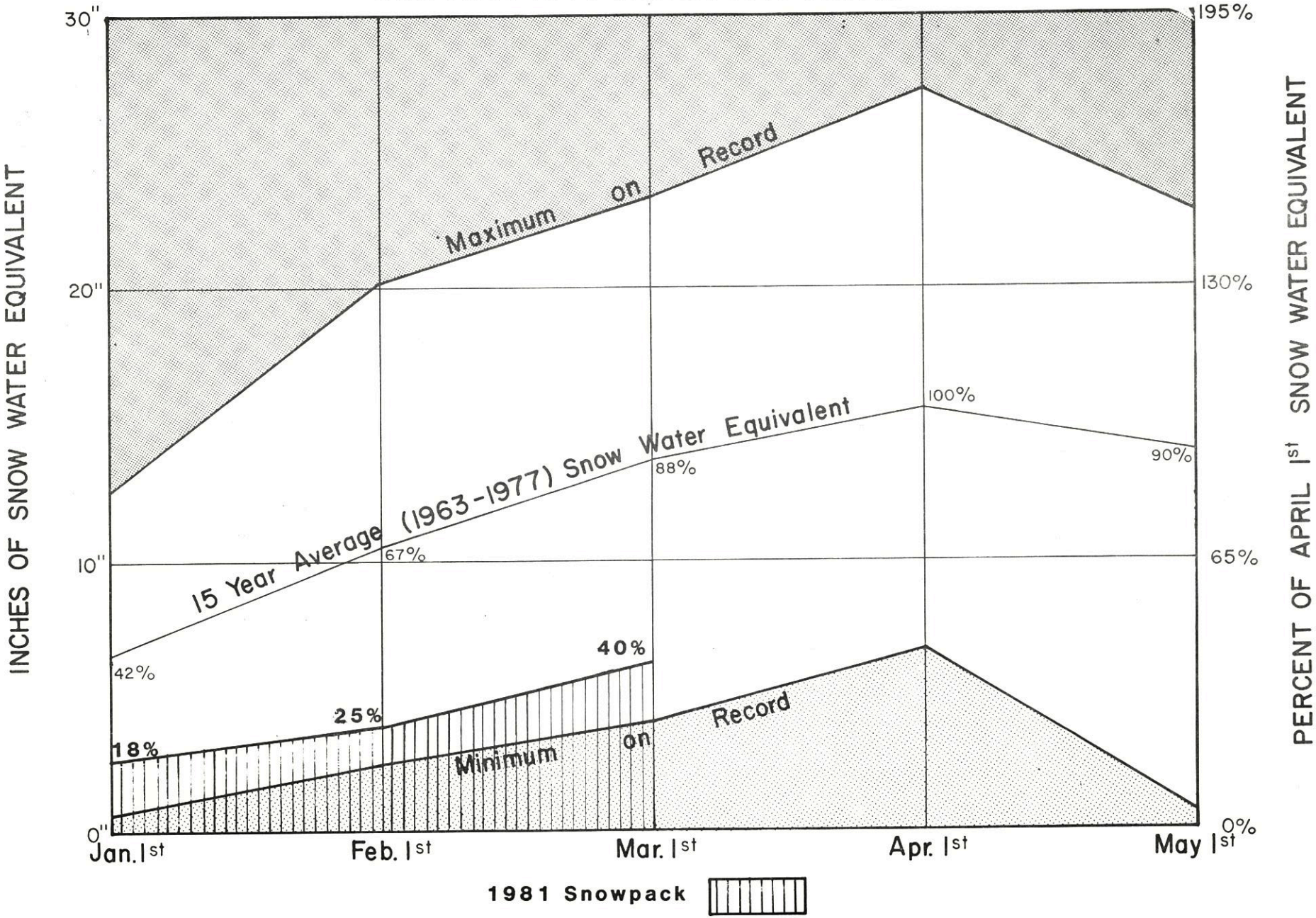
UTAH'S WINTER SNOWPACK

Data based on 79 selected snow courses



WATER SUPPLY OUTLOOK
BEAR RIVER BASIN in UTAH

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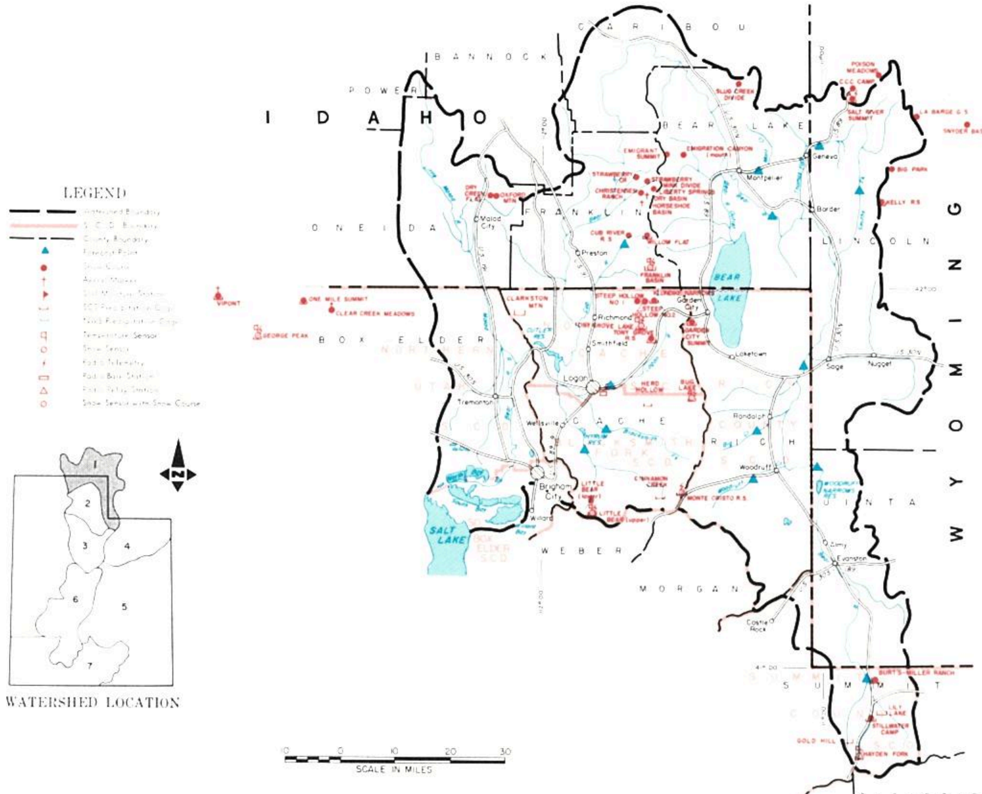

MARCH 1, 1981

THE WATER SUPPLY OUTLOOK IS WELL BELOW AVERAGE

SNOW COVER improved a little this month and now ranges from 43% of average on Logan River to 64% on Raft River Mountains above Park Valley. The Upper Bear is 48% of average and Lower Bear 45%. Snow cover on the Bear River Basin is roughly 1 1/2 times March 1, 1977.

PRECIPITATION at mountain stations ranges from 42% of the October-February period at Klondike Narrows to 53% at Salt River Summit. February storms produced nearer average precipitation but still only 59% at Klondike and 103% at Salt River Summit.

SOIL MOISTURE under the snow pack is much drier than normal and will soak up snow melt water.

RESERVOIR STORAGE is near average in all reservoirs. Bear Lake is 102% (1,052,900 A.F.), and Woodruff Narrows is 98% (20,200 A.F.) of the old capacity. It now has about 31,000 A.F. more capacity to fill this season. Hyrum is now 96% (10,500 A.F.) and Porcupine is 106% (3,800 A.F.).

STREAMFLOW FORECASTS range from 16% (800 A.F.) on Big Creek to 74% (84,000 A.F.) for the Bear near Utah-Wyo. state line. The Bear River is forecast 41% (61,000 A.F.) at Woodruff, 24% (29,000 A.F.) at Randolph, and 44% (147,000 A.F.) at

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Harer, Idaho. Woodruff Creek is forecast 14% (2,600 A.F.), Thomas Fork 55% (19,000 A.F.), Smith's Fork 58% (69,000 A.F.), Logan River 51% (60,000 A.F.), Blacksmith Fork 31% (17,000 A.F.), Little Bear 24% (9,000 A.F.), and Cub River 46% (23,000 A.F.).

Water users in this area not on reservoir storage are expected to have water shortages by mid summer.

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WATER SUPPLY OUTLOOK

WEBER-OGDEN WATERSHEDS in UTAH

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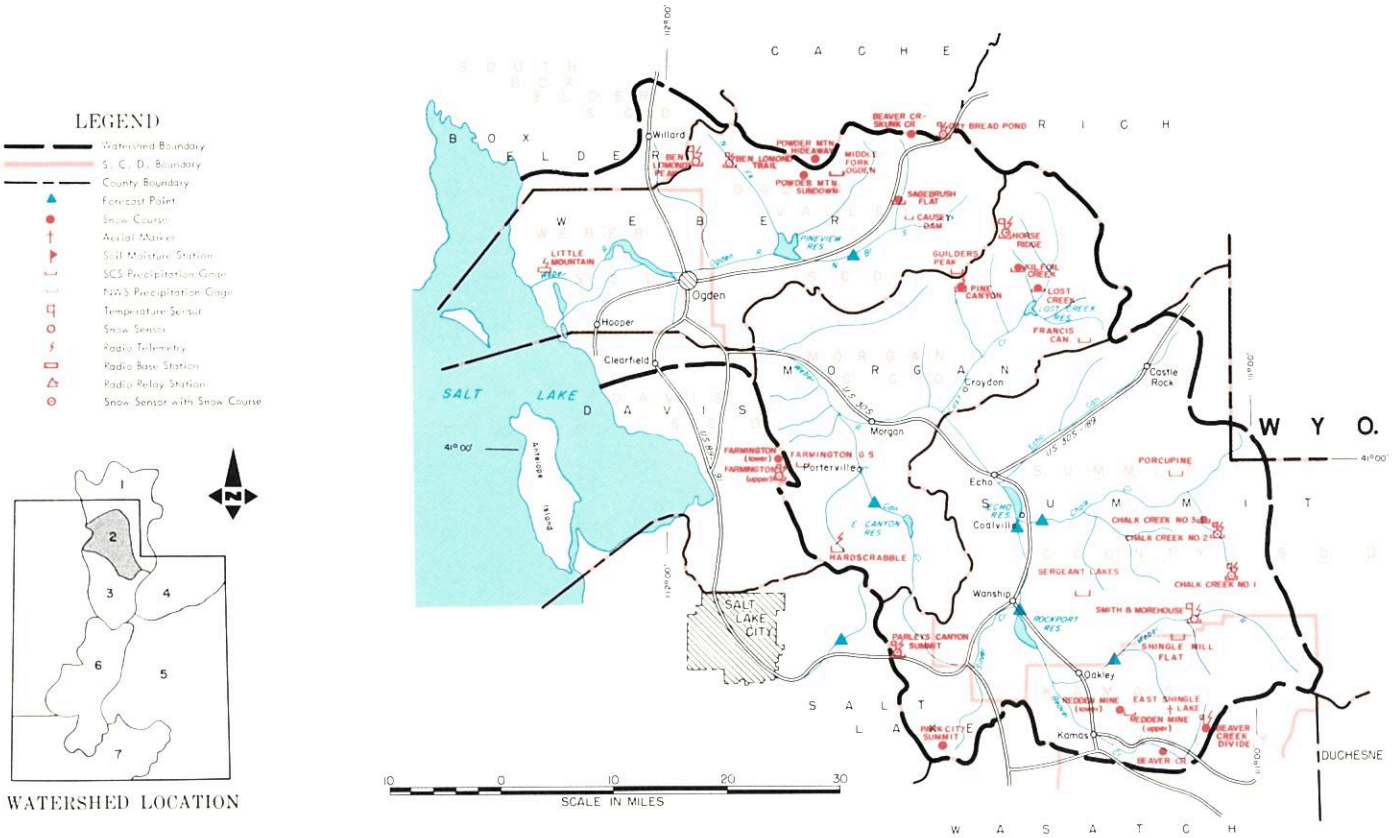

MARCH 1, 1981

THE WATER SUPPLY OUTLOOK IS BELOW AVERAGE TO POOR

SNOW COVER is now 40% of the March 1 average on the Ogden Basin and 50% on the Weber Basin. Ogden River snow cover is about 10% higher (45%) on the North Fork than on the South Fork (32%). Weber River snow courses ranged from 37% on Lost Creek to 68% on Chalk Creek #1. Snow cover is still 1 1/2 to 2 times March 1, 1977 snow water contents.

PRECIPITATION at mountain stations ranged from 40% of the October-February average at Ben Lomond Trail to 75% for Smith & Morehouse. February precipitation ranged from 54% at Causey Dam to 134% at Farmington Lower.

SOIL MOISTURE under the snow pack is well below average and is expected to soak up snow melt water.

RESERVOIR STORAGE is above average and most reservoirs are expected to fill. Pineview and East Canyon are not expected to fill and Lost Creek will be close depending on spring weather.

STREAMFLOW FORECASTS dropped again this month and now range from 23% (26,000 A.F.) for the Inflow to Pineview and 23% (6,000 A.F.) for East Canyon to 61% (63,000 A.F.) for the Weber near Oakley.

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The South Fork Ogden is forecast 26% (15,000 A.F.) for the April-June period and Lost Creek 25% (4,400 A.F.). The Weber River is forecast 53% (59,000 A.F.) for Rockport Inflow, 41% (51,000 A.F.) at Coalville, Chalk Creek 26% (10,200 A.F.), Echo Reservoir Inflow 42% (67,000 A.F.) and Weber at Gateway 28% (85,000 A.F.). Hardscrabble Creek is forecast 30% (4,900 A.F.) for the April-June period.

Water users in these drainages without adequate reservoir water rights can expect short water supplies by early summer unless spring and summer precipitation is considerably above average.

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

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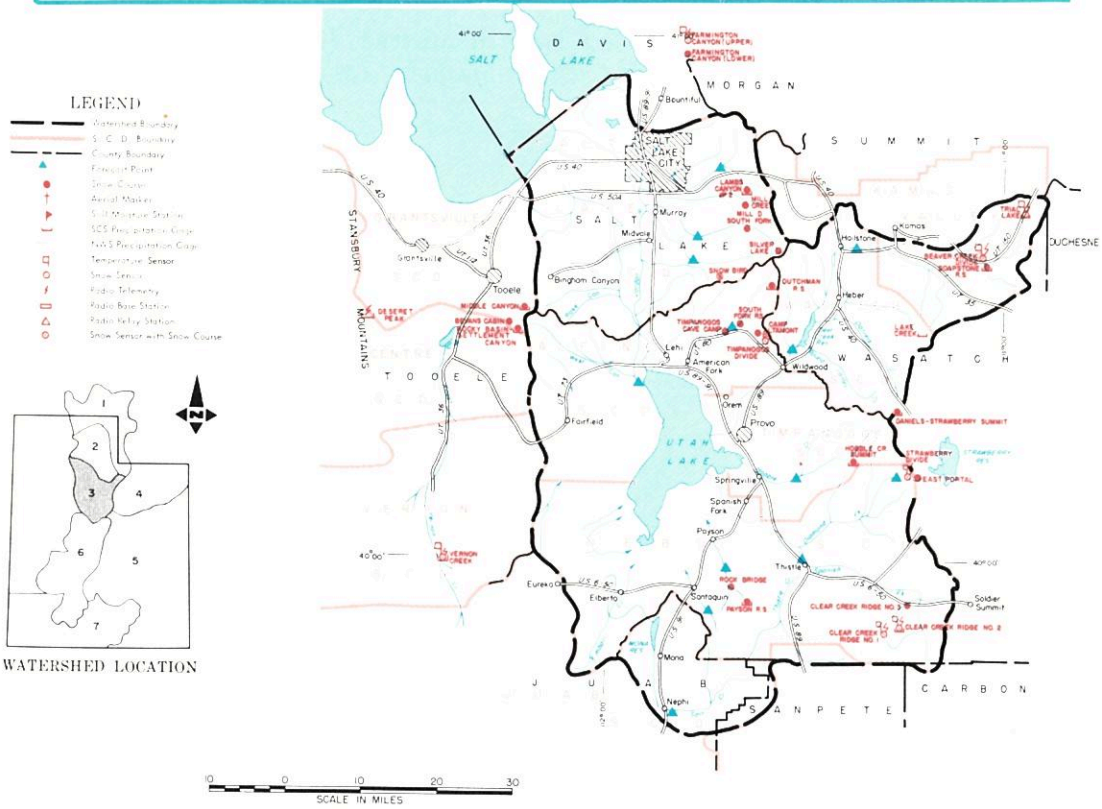

MARCH 1, 1981

THE WATER SUPPLY OUTLOOK IS BELOW AVERAGE

SNOW COVER ranges from 54% of the March 1 average on Provo River - Utah Lake drainages to 64% in Tooele Valley. The Wasatch Front near Salt Lake City is 58% of average.

PRECIPITATION at mountain stations for the October-February period ranged from 59% at Clear Creek to 75% at Smith & Morehouse. The month of February ranged from 37% of average at Timpanogos Divide to 106% at Daniels Summit.

SOIL MOISTURE under the snow pack is drier than average and will soak up snow-melt water as runoff begins.

RESERVOIR STORAGE is above average. Deer Creek now has 115,200 A.F. (108%), Utah Lake 873,300 A.F. (121%), and Strawberry 216,300 A.F. (141%). Settlement Creek is about half full and Vernon Creek is full.

STREAMFLOW FORECASTS range from 30% (15,400 A.F.) for Strawberry Reservoir Inflow to 72% (27,000 A.F.) for Little Cottonwood Creek. The Provo River is forecast 59% (60,000 A.F.) at Hailstone, 45%, (54,000 A.F.) at Deer Creek Dam and 57% (140,000 A.F.) for Utah Lake Inflow. Payson Creek is 35% (2,200 A.F.). Spanish Fork is 38% (15,000 A.F.), Hobble Creek 34% (6,000 A.F.) and American

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Fork 62% (19,000 A.F.) for the April-July period.

Streams along the Salt Lake Front are forecast from 38% (1,500 A.F.) for Emigration Creek to 72% (27,000 A.F.) for Little Cottonwood, Big Cottonwood 71% (27,000 A.F.), Mill Creek 46% (4,000 A.F.), Parleys Creek 45% (6,000 A.F.), and City Creek 45% (3,600 A.F.) Vernon Creek is forecast 50% (500 A.F.) for the March-July period and Settlement Creek 32% (700 A.F.).

Some water shortages can be expected by mid summer for those water users without adequate reservoir storage or first water rights to direct streamflow.

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WATER SUPPLY OUTLOOK

UINTAH BASIN and DAGGETT SCD's in UTAH

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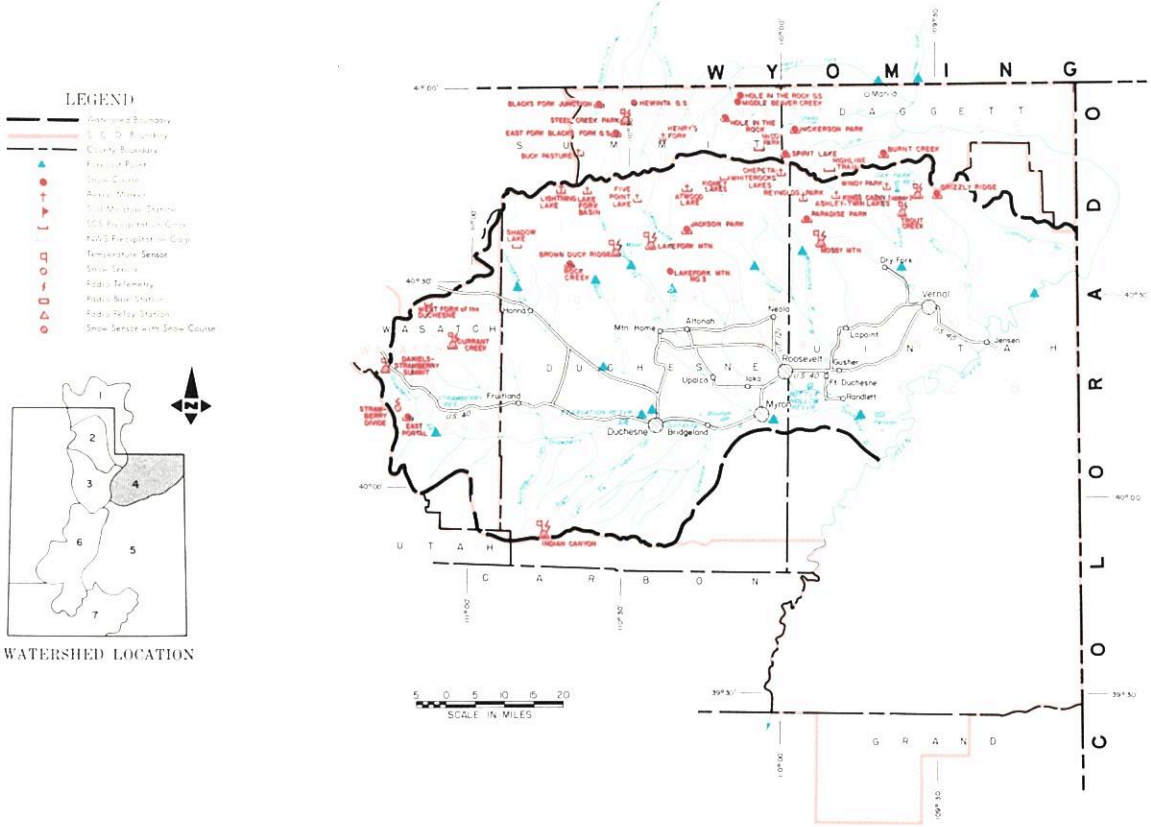

THE WATER SUPPLY OUTLOOK IS BELOW AVERAGE

SNOW COVER ranges from 46% of the March 1 average on Strawberry River to 88% on Sheep Creek. Ashley Creek-Brush Creeks are 67%, Uintah-Whiterocks 63%, Lakefork-Yellowstone 56% and Blacks Fork 58% of the March 1 average for the 1963-77 15 year period. Although Uintah Basin snow cover is well below average, it is still much better than March 1, 1977 except at Currant Creek where snow water content is just a little less than 1977.

PRECIPITATION at mountain stations ranges from 61% at Indian Canyon for the October-February period to 92% at Spirit Lake. February precipitation ranged from 108% of average at Indian Canyon to 14% at Paradise Park.

SOIL MOISTURE under the snow pack is below average.

RESERVOIR STORAGE is above average in all reservoirs except Moon Lake and it is near average.

STREAMFLOW FORECASTS range from 26% (15,000 A.F.) for the Strawberry River at Duchesne to 87% (47,000 A.F.) for Henry's Fork. The Duchesne River is forecast 48% (51,000 A.F.) at Tabiona, 46% (12,000 A.F.) for West Fork, 47% (90,000 A.F.) at Duchesne, 37% (77,000 A.F.) at Myton, and 35% (93,000 A.F.) at Randlett.

USDA-SCS-PORTLAND OR 1980 M7-OL-22027-4

Currant Creek is forecast 32% (6,300 A.F.), Rock Creek 59% (56,000 A.F.), Lakefork 81% (58,000 A.F.), Yellowstone 75% (50,000 A.F.), Uintah 76% (68,000 A.F.), Whiterocks 83% (50,000 A.F.) and Ashley Creek 82% (42,000 A.F.).

Some water shortage is expected by about mid-summer for water users without adequate storage unless remaining spring storms are exceptionally heavy.

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

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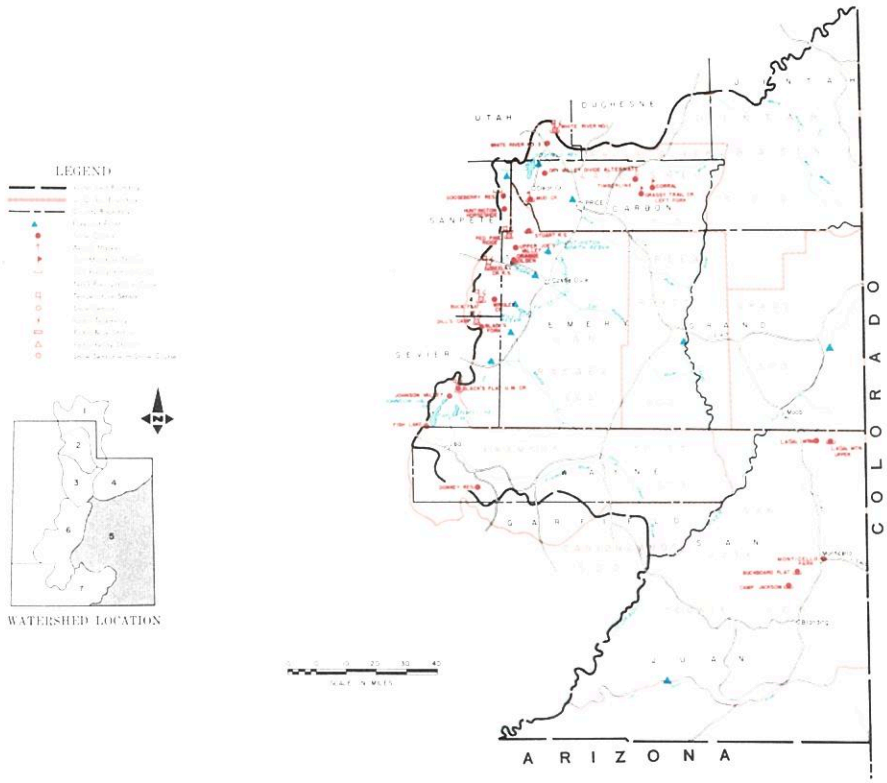

MARCH 1, 1981

THE WATER SUPPLY OUTLOOK IS POOR

SNOW COVER ranges from 23% of the March 1 average on Blue Mountains near Blanding to 81% on the LaSal Mountains above Moab. The Price River is 25%, San Rafael 31%, Muddy River 29%. Snow water content on the San Rafael-Muddy drainages is generally less than March 1, 1977.

PRECIPITATION at mountain stations has been about half average for the October-February period except on the LaSal Mountains where it was 81% of average.

SOIL MOISTURE under the snow pack is much drier than average and will soak up snow melt.

RESERVOIR STORAGE is generally near to above average with Scofield 141% (50,400 A.F.), Joes Valley 100% (37,000 A.F.), Huntington North 93% (2,800 A.F.), and Mill Site estimated at 10,000 A.F.

STREAMFLOW FORECASTS range from 20% (3,400 A.F.) on the Muddy to 76% (3,900 A.F.) for Mill Creek above Moab. Price River is forecast 40% (4,000 A.F.) at Gooseberry Creek, 42% (45,000 A.F.) for Scofield Inflow, 24% (15,000 A.F.) at Heiner. San Rafael tributaries are forecast 48% (21,000 A.F.) for Huntington Creek, 28% (12,400 A.F.) for Cottonwood Creek, and 39% (13,300 A.F.) for Ferron Creek.

USDA-SCS-EXHIBIT AND GR-TIN M7-OL-22027-5

Muddy Creek forecast is 20% (3,400 A.F.) and Seven Mile Creek 50% (3,200 A.F.).

The Colorado at Cisco is forecast 46% of average, the Green at Green River 46% and the San Juan near Bluff 35% for the April-July period.

Water users in this area can expect water shortages by mid summer unless they have good reservoir storage.

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WATER SUPPLY OUTLOOK

SEVIER RIVER BASIN including BEAVER RIVER in UTAH

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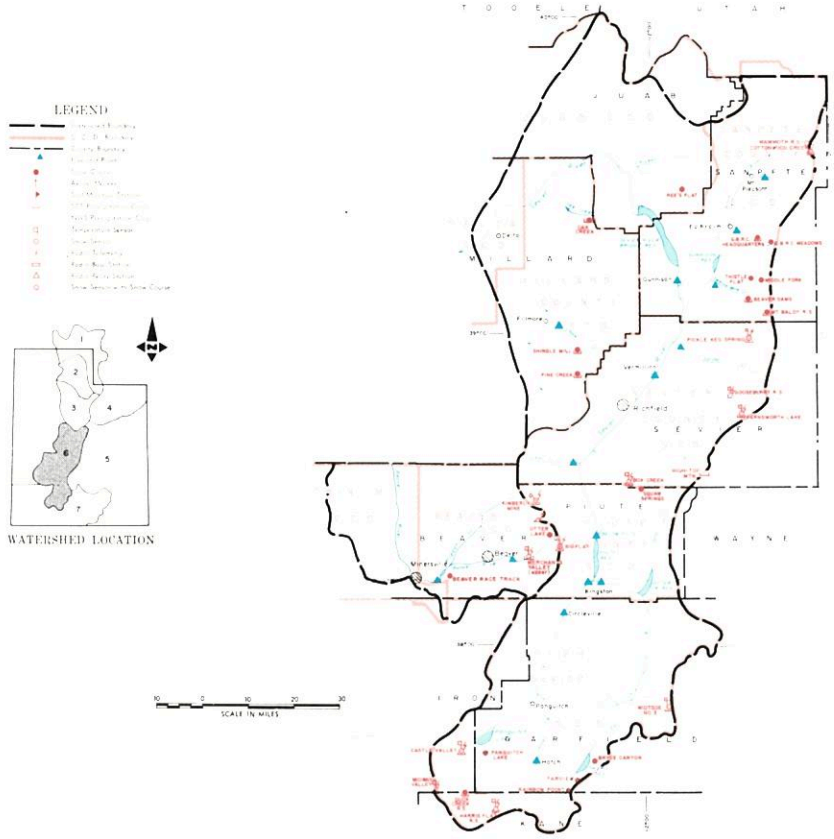

MARCH 1, 1981

THE WATER SUPPLY OUTLOOK IS NEAR AVERAGE TO POOR

SNOW COVER improved during February and now ranges from 31% of the March 1 average on the East Fork Sevier to 52% on the Beaver. The South Fork Sevier is 32% of average and the Lower Sevier is 49% of the March 1 average. Most snow courses on the Upper Sevier and Beaver have a little more water content this year than March 1, 1977. On the Lower Sevier only the high elevation courses are better than March 1, 1977.

PRECIPITATION at mountain stations ranges from 27% of the October-February average at Pine Creek above Fillmore to 71% of average at Beaver Dams above Mayfield. Most areas are about 50% of average. February precipitation ranged from 47% of average at Pine Creek to 108% at Merchant Valley above Beaver.

SOIL MOISTURE under the snow pack is well below average and will soak up snow melt.

RESERVOIR STORAGE is very good with Gunnison, Otter Creek and Minersville full and Piute and Sevier Bridge expected to fill very soon.

STREAMFLOW FORECASTS dropped 2 to 40% as a reflection of the low snow pack and now ranges from 26% (3,000 A.F.) on Salina Creek to 110% (29,000 A.F.) for the Inflow Sigurd to Gunnison. Sevier River is forecast 54% (22,000 A.F.) at Hatch,

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

63% (19,000 A.F.) at Circleville, 66% (15,000 A.F.) at Kingston, 69% (10,500 A.F.) for the East Fork, 83% (30,000 A.F.) below Piute Dam, 110% (29,000 A.F.) for the Inflow Sigurd to Gunnison, and 92% (46,000 A.F.) at Gunnison. Clear Creek is forecast 50% (9,500 A.F.), Salina Creek 26% (3,000 A.F.), Ephraim Creek 46% (6,600 A.F.), Pleasant Creek 60% (5,000 A.F.), and Chicken Creek 45% (1,400 A.F.) for the April-July period.

Beaver River is forecast 80% (16,000 A.F.) near Beaver, North Creeks 79% (9,600 A.F.) and Minersville Inflow 56% (3,700 A.F.). Chalk Creek near Fillmore is forecast 48% (7,400 A.F.) and Oak Creek 36% (500 A.F.) for the April-July period.

Water users in the area without reservoir storage can expect water shortages by mid-season.

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WATER SUPPLY OUTLOOK

EAST GARFIELD, KANE, WASHINGTON and IRON COUNTIES in UTAH

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EAST GARFIELD

THE WATER SUPPLY OUTLOOK IS WELL BELOW AVERAGE

SNOW COVER ranges from zero in the Enterprise-New Harmony area to 32% of average on Parowan Creek. The Virgin River is 24% and Coal Creek is 27% of the March 1 average. Many snow water content figures were approaching the previous record minimum and a few were less than in 1977.

PRECIPITATION at mountain stations has been about half average for the October-February period and February precipitation ranged from 61 to 87% of average.

SOIL MOISTURE under the snow pack is very dry and will soak up snow melt water.

RESERVOIR STORAGE is good with Gunlock and Baker reported full and Enterprise Reservoirs repaired and starting to fill.

STREAMFLOW FORECASTS range from 31% (2,500 A.F.) of average on the Santa Clara to 54% (26,000 A.F.) on the Virgin River at Hurricane. Coal Creek is forecast 53% (8,900 A.F.) and Lake Powell Inflow 43% (3,000,000 A.F.).

Water users in this area without good reservoir storage rights can expect water shortages by early summer unless we have a wetter than average spring.

USDA-SCS PORTLAND OR 1980 M7-OL-22027-7

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SNOW	THIS YEAR			PAST RECORD		PRECIPITATION (Inches)					
DRAINAGE BASIN and/or SNOW COURSE NAME	Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Water Content (Inches) Last Year	Water Content (Inches) Average †	CURRENT INFORMATION Date of Reading	CURRENT INFORMATION Month's Precipitation	CURRENT INFORMATION Average †	FROM APPROX. OCT 1 TO DATE This Year	FROM APPROX. OCT 1 TO DATE Average †	FROM APPROX. OCT 1 TO DATE Percent of Average
GREAT BASIN											
UPPER BEAR RIVER (Above Harer, Idaho)											
Burts-Miller Ranch	2/24	10	3.1	8.6	---	2/24	1.48	0.93b	7.21	7.25b	99
CCC Camp	2/26	30	6.2	11.0	11.1						
Hayden Fork	2/24	26	6.8	18.0	12.7a	2/24	1.01	2.87a	10.38	12.86a	81
Monte Cristo R.S.	2/22	31	7.9	24.9	22.0	2/22	3.03	4.15	10.13	21.27	48
Salt River Summit	2/26	36	8.2	13.8	14.4	2/26	3.00a	2.91	7.56a	14.26	53
Stillwater Camp	2/24	19	3.7	13.7	---	2/24	0.40a	1.64b	3.55	10.09b	35
Lily Lake	2/24	34	8.0	16.2	---	2/24	1.10a	2.23b	7.60a	12.11b	63
LOWER BEAR RIVER (Below Harer, Idaho)											
Bug Lake	2/22	29	7.1	19.0	15.6a	2/22	2.00a	5.28b	9.14a	18.12b	50
Christensen Ranch	2/23	16	5.0		7.9						
Cliff Canyon	2/23	9	3.0		---						
Cub River R.S.	2/23	17	4.9	8.7	8.4						
Daniels Creek	2/23	12	3.7		---						
Dry Basin	2/23	40	11.6		24.2b						
Dry Creek Flat	2/23	3	0.8		7.4						
Emigrant Summit	2/24	33	8.5	22.8	21.7						
Emigration Canyon	2/24	17	5.0		9.7						
Franklin Basin	2/23	36	10.2	23.3	22.7	2/23	5.00a	5.78a	12.72a	21.23a	60
Garden City Summit	2/22	23	5.9	17.0	15.3	---	---	3.47	---	15.80	--
Horseshoe Basin	2/23	30	10.9		22.0b						
Klondike Narrows	2/22	27	7.5	19.6	17.3	2/22	2.94	4.99b	8.44	19.93b	42
Liberty Spring	2/23	47	13.7		32.7						
Little Bear (lower)	2/22	16	4.6	8.5	9.2						
Little Bear (upper)	2/22	19	5.1	10.6	10.9	2/22	2.56a	3.19a	9.96a	17.14b	58
Lower Elkhorn	2/23	16	5.5		12.7b						
Oxford Mountain	2/23	15	4.3		9.4b						
Slug Creek Divide	2/25	25	8.0	16.7	14.8						
Steep Hollow #1	2/22	55	14.6	31.7	30.8						
Steep Hollow #2	2/22	39	10.0	24.4	22.4						
Strawberry Creek	2/24	14	4.2		9.6						
Strawberry Mink Divide	2/23	28	7.5		18.7						
Tony Grove Lake	2/22	45	11.6	32.9	28.4a	2/22	4.75a	5.76a	11.98a	31.69a	38
Tony Grove R.S.	2/22	15	4.1	10.9	10.9	2/22	2.13	3.10b	6.88	14.93b	46
Upper Elkhorn	2/23	27	6.9		16.4b						
Willow Flat	2/23	21	6.2	15.6	13.9	2/23	3.13	3.71	9.71	18.85	52
Worm Creek	2/23	27	8.0		---						
RAFT RIVER											
Clear Creek (meadows A)	2/26	38	13.6	16.8	19.1						
One Mile Summit	2/26	8	2.5	5.2	6.1						
George Creek	2/26	30	8.7	---	---						
George Peak	not measured										
OGDEN RIVER											
Beaver Creek-Skunk Creek	2/22	12	3.8	14.5	10.8						
Ben Lomond Peak	2/22	46	13.3	44.4	29.1	2/22	6.20a	7.67b	13.80a	34.23b	40
Ben Lomond Trail	2/22	25	6.9	20.0	15.7b	2/22	3.23	4.47b	9.97	24.98b	40
Causey Dam	2/22	0	0.0			2/22	1.32	2.42b	5.05	11.91	42
Dry Bread Pond	2/22	19	6.3	21.6	16.0	2/22	2.44a	3.47b	7.90a	16.96b	47
Sagebrush Flat	2/22	1	0.1	6.7	5.0	2/22	1.42	2.58	4.88	12.07	40
WEBER RIVER											
Beaver Creek R.S.	2/24	13	3.8	12.2	7.5						
Chalk Creek #1	2/24	41	11.4	24.6	18.0	2/24	2.75a	1.97a	12.68a	18.38a	69
Chalk Creek #2	2/24	32	8.3	16.1	12.2	2/24	2.00a	2.24b	9.00a	13.17b	68
Chalk Creek #3	2/24	14	4.4	10.9	6.7	2/24	1.78	1.82b	8.23	11.26b	73
Farmington Canyon (lower)	2/22	38	10.6	24.8	18.4b	2/22	5.40	4.04b	11.81	22.40	53
Farmington Canyon (upper)	2/22	43	11.8	31.1	25.3b	2/22	5.90a	6.17a	14.70a	22.44a	66
Farmington G.S.	2/22	30	8.0			2/22	5.04	4.21b	12.96	19.40b	67
Hardscrabble Creek	3/4	27	7.6								
Horse Ridge	2/22	28	7.0	21.8	18.2b	2/22	3.40	3.79b	8.13	19.40b	42
Kilfoil Creek	2/22	24	4.3	17.0	11.6b						
Lost Creek Reservoir	2/23	0	0.0	---	4.9b	2/22	1.16	1.72b	9.06	9.16b	99
Park City Summit	2/22	47	17.0	---	---						
Parley's Canyon Summit	2/26	36	7.6	17.1	16.1	2/26	3.49	3.68	11.09	18.48	60
Redden Mine (lower)	2/24	28	7.9	20.9	15.0	2/24	1.74	---	9.27	---	--
Sargeant Lakes	3/5	36	10.1								
Smith & Morehouse	2/24	22	6.3	15.5	11.4	2/24	2.41	2.81	11.01	14.71	75

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† 1958-1972 period

SNOW	THIS YEAR			PAST RECORD		PRECIPITATION (Inches)					
						CURRENT INFORMATION			FROM APPROX. OCT 1 TO DATE		
DRAINAGE BASIN and/or SNOW COURSE NAME	Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Water Content (Inches) Last Year	Water Content (Inches) Average †	Date of Reading	Month's Precipitation	Average †	This Year	Average †	Percent of Average
PROVO RIVER & UTAH LAKE											
Beaver Creek Divide	2/24	21	5.3	16.6	10.9a	2/24	0.87a				
Camp Altamont	2/25	28	9.8	23.4	13.4						
Clear Creek Ridge #1	2/25	25	7.0	21.8	15.6	2/25	4.12a		10.12a		
Clear Creek Ridge #2	2/25	25	6.5	14.0	11.8	2/25	1.89	2.48b	7.80	13.35b	58
Clear Creek Ridge #3	2/25	9	2.8	8.9	6.9						
Dutchman R.S.	2/25	30	10.6	28.2	14.4	2/25	2.80	4.39b	---	17.75b	
Hobble Creek Summit	2/25	26	5.2	17.0	12.3	2/27	2.73	---	9.31	14.49	64
Payson R.S.	2/23	27	6.6	18.4	16.5b	2/23	2.79	3.01	9.64	15.05	64
Soapstone R.S.	2/24	20	6.0	16.0	11.1	2/24	1.20	2.66	8.76	13.82	63
South Fork R.S.	2/25	9	3.6	7.2	6.1						
Timpanogos Cave Camp	2/25	1	0.1	1.2	2.4						
Timpanogos Divide	2/25	37	12.8	35.2	21.5	2/25	1.60	4.30	13.22	21.73	61
Trial Lake	2/24	44	12.1	30.4	20.0	2/24	1.56	3.87	12.79	20.07	64
JORDAN RIVER & GREAT SALT LAKE											
Deseret Peak	3/4	57	15.1								
Lamb's Canyon #2	2/26	31	8.1	16.1	---	2/26	2.46	---	8.25	---	
Middle Canyon	2/27	29	7.5	10.4	12.1	2/27	4.10	2.79	11.50	12.53	92
Mill Creek	2/24	30	8.4	16.8	---						
Mill D South Fork	2/27	35	8.8	17.5	17.1						
Mt. Dell Dam								1.77		11.14	
Rock Basin-Settlement Canyon	3/4	53	12.9								
Silver Lake (Brighton)	2/27	46	11.1	31.1	19.6			4.31		22.38	
Snowbird (Gad Valley)	2/25	41	11.2	---	---						
Vernon Creek	2/27	24	6.1	11.0	9.3a	2/27	3.70	---	7.10	12.76b	56
UPPER SEVIER RIVER (South of Richfield, Utah)											
Box Creek	2/24	20	4.1	15.0	10.7	2/24	2.06		7.00	11.10	63
Bryce Canyon	2/28	0	0.0	10.1	3.9						
Castle Valley	2/23	16	4.6	17.0	10.6	2/23	1.64	---	6.63	11.12	60
Duck Creek R.S.	2/23	7	1.6	20.2	10.7	2/23	2.04	2.35b	6.79	13.25	51
Farview	2/28	5	1.3	15.1	---						
Harris Flat	2/23	0	0.0	15.2	6.9						
Kimberly Mine	2/24	29	7.5	18.0	12.3	2/24	2.25	3.18b	9.30	14.38	65
Midway Valley	2/23	23	5.7	30.8	16.6						
Panguitch Lake	2/23	0	0.0	7.4	3.8	2/23	0.80	---	3.67	6.51b	56
Rainbow Point	2/28	5	1.6	19.9	---						
Squaw Springs	2/24	0	0.0	10.7	6.1						
LOWER SEVIER RIVER (Including San Pitch River)											
Beaver Dams	2/25	12	4.0	12.0	9.6b	2/25	1.75	---	7.60	10.66	71
Farnsworth Lake	2/24	34	8.6	18.6	15.1	2/24	2.74	3.59	10.21	15.23	67
G.B.R.C. Headquarters	2/25	25	6.6	17.6	13.0	2/25	1.96	2.69	9.57	14.21	67
G.B.R.C. Majors						2/24	0.70	1.30		6.95	
G.B.R.C. Meadows	2/25	30	9.4	25.2	18.6	2/25	2.85	3.59	11.55	17.57	66
G.B.R.C. Oaks								1.88		9.70	
Gooseberry R.S.	2/24	19	4.3	10.6	10.1	2/24	2.13	2.38b	8.31	9.87b	84
LOWER SEVIER RIVER (cont.) (Including San Pitch River)											
Mammoth-Cottonwood Creek	2/25	28	7.8	17.6	17.4	2/25	2.62a				
Mt. Baldy R.S.	2/25	31	8.7	26.0	18.6b	2/25	2.16	---	8.00	13.76	58
Oak Creek	2/26	23	4.7	15.0	10.0a	2/26	1.00	---	7.80	---	
Pickle Keg Springs	2/24	26	6.5	15.8	13.2a	2/24	3.56a		10.39a		
Pine Creek	2/22	19	5.7	16.8	13.1	2/22	2.25	---	5.00	18.53	27
Ree's Flat	2/22	26	6.5	14.6	10.3b	2/22	2.24	---	7.15	---	
Shingle Mill	2/26	17	3.9	9.0	7.6	2/26	1.10	2.33b	7.80	12.58	62
Gooseberry Reservoir						2/25	3.30	2.38b	9.70	9.87b	98
BEAVER RIVER											
Beaver Race Track	2/27	0	0.0	---	---						
Big Flat	2/24	31	7.3	23.2	12.8	2/24	2.34	2.60	8.28	12.53	66
Merchant's Valley (upper)	2/24	16	4.1	16.0	9.6b	2/24	2.29	2.11b	7.53	11.29	67
Otter Lake	2/24	21	4.7	20.0	9.9						
PAROWAN CREEK											
Birch Crossing	2/26	10	1.0	12.2	6.0b						
Brian Head	2/23	26	6.0	22.2	16.3b						
Tall Poles	2/26	27	4.0	18.3	11.5b	2/26	1.45	2.39b	7.70	11.87b	65
Yankee Reservoir	2/23	10	2.3	12.0	7.4	2/23	1.3a	---	4.09a	9.40b	44
ENTERPRISE TO NEW HARMONY DRAINAGES											
Little Grassy Creek	2/23	0	0.0	8.6	3.6	2/23	2.56	---		12.33b	
Long Flat	2/23	0	0.0	11.7	5.6	2/23	1.30	---	3.90a	9.23	42
COAL CREEK											
Cedar City Golf Course	2/26	3	.5	---	---						
SUSC Ranch	2/26	14	1.0	16.3	7.5b						

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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
COLORADO RIVER DEAINAGE											
UPPER GREEN RIVER - UTAH											
Ashley-Twin Lakes (A)	3/5	44	11.9	---	---						
Black's Fork G.S.-East Fork	2/24	16	3.9	11.1	7.4	2/24	1.28	---	7.28	9.51	77
Black's Fork Junction	2/24	16	3.6	13.1	7.4	2/24	1.37		7.16	9.37	76
Buck Pasture (A)	3/5	48	10.6	---	---						
Burnt Creek	3/3	11	3.3	7.0	4.2b	3/3	1.20	1.23b	5.80	7.32b	79
Grizzly Ridge	3/3	16	4.0	14.8	8.0b	3/3	2.35	1.80b	7.60	10.55	72
Hewinta G.S.	2/24	18	4.4	12.1	7.3	2/24	1.40	---	7.56	10.06	75
Hickerson Park	2/25	17	4.4	10.4	5.0b	2/25	0.75	---	5.97	7.65b	78
King's Cabin (upper)	2/25	22	5.4	14.4	8.1	2/25	0.38	---	6.50b	9.24	70
Reynolds Park (A)	3/5	50	13.5	---	---						
Spirit Lake	2/25	32	8.6	14.7	9.7	2/25	0.94	---	10.16	11.04	92
Steel Creek Park	2/24	38	8.5	17.3	12.8b	2/24	1.43a		7.80a		
Trout Creek	2/25	23	5.6	13.1	---	2/25	0.40	---	6.00a	---	
Henrys Fork (A)	3/5	37	8.9								
DUCHESNE RIVER											
Atwood Lake (A)	3/5	34	7.8	---	---						
Brown Duck Ridge	2/25	41	9.8	23.6	14.1a	2/25	0.70	---	8.84	---	---
Chepeta	2/25	34	8.1	---	---	2/25	0.31a				
Currant Creek	2/27	6	1.2	16.8	7.8a						
Daniels-Strawberry Summit	2/27	24	5.3	19.8	12.3	2/27	3.28a	3.10	9.05a	15.13	60
East Portal	2/27	23	6.0	13.2	9.6	2/27	2.67	3.08	8.72	14.22	61
Five Points Lake (A)	3/5	48	11.5	---	---						
Indian Canyon	2/26	24	4.9	16.1	10.1	2/26	2.36	2.18	6.62	10.87	61
Jackson Park	2/25	29	6.8	18.6	---	2/25	0.54	---	6.06	---	---
Lakefork Basin (A)	3/5	45	10.8	---	---						
Lakefork Mountain #1	2/25	22	5.4	15.5	9.0	2/25	0.37	1.86	7.70a	10.54	73
Lakefork Mountain #3	2/25	11	2.6	12.4	5.3						
Lightning Lake (A)	3/5	60	14.4	---	---						
Mosby Mountain	2/25	16	3.6	13.9	7.7	2/25	0.28a	1.66b	7.62a	10.53	72
Paradise Park	2/25	28	7.6	15.8	10.2	2/25	0.26	1.91b	8.86	11.27	79
Rock Creek Ranch	2/25	8	2.2	13.5	---	2/25	0.54	---	5.40a	---	
Strawberry Divide	2/27	34	8.8	21.6	16.5						
PRICE RIVER											
Dry Valley Divide Alternate	2/26	3	0.5	12.8	---						
Mud Creek	2/25	15	3.6	16.8	11.4	2/25	1.90	2.49	5.35	11.69	46
White River #1	2/26	24	4.0	15.4	11.3	2/26	1.74	---	6.49	11.08	59
White River #3	2/26	1	0.1	10.6	7.6						
SAN RAFAEL RIVER											
Buck Flat	2/25	19	5.1	19.2	13.3	2/25	2.37	3.21	7.07	14.50	47
Huntington-Horseshoe	2/25	26	8.8	24.2	19.5a						
Orange Olsen	2/25	0	0.0	8.8	---	2/25	0.75	1.17b	2.65	6.39	42
Red Pine Ridge	2/25	16	4.3	18.2	14.3	2/25	3.54	3.48	9.26	16.25	57
Seeley Creek R.S.	2/25	10	3.2	19.2	13.4	2/25	1.43a			5.28a	
Stuart R.S.	2/25	0	0.0	13.2	---	2/25	1.45	---	4.05	---	---
Upper Joe's Valley	2/25	8	1.8	13.8	8.8						
Wrigley Creek	2/25	12	4.0	15.2	8.9						
MUDDY RIVER											
Black's Fork	2/24	16	3.6	15.9	10.8a						
Dill's Camp	2/24	10	2.3	16.1	9.8a	2/24	1.94	---	6.22	---	---
FREMONT RIVER											
Black's Flat-U.M. Creek	2/24	13	2.5	12.4	8.9	2/24	1.56	---	4.89	9.64b	51
Fish Lake	2/24	7	1.6	7.8	6.6	2/24	1.23	1.15	3.82	7.50	51
Johnson Valley	2/24	3	0.9	10.0	5.6						

+ 1958-1972 period

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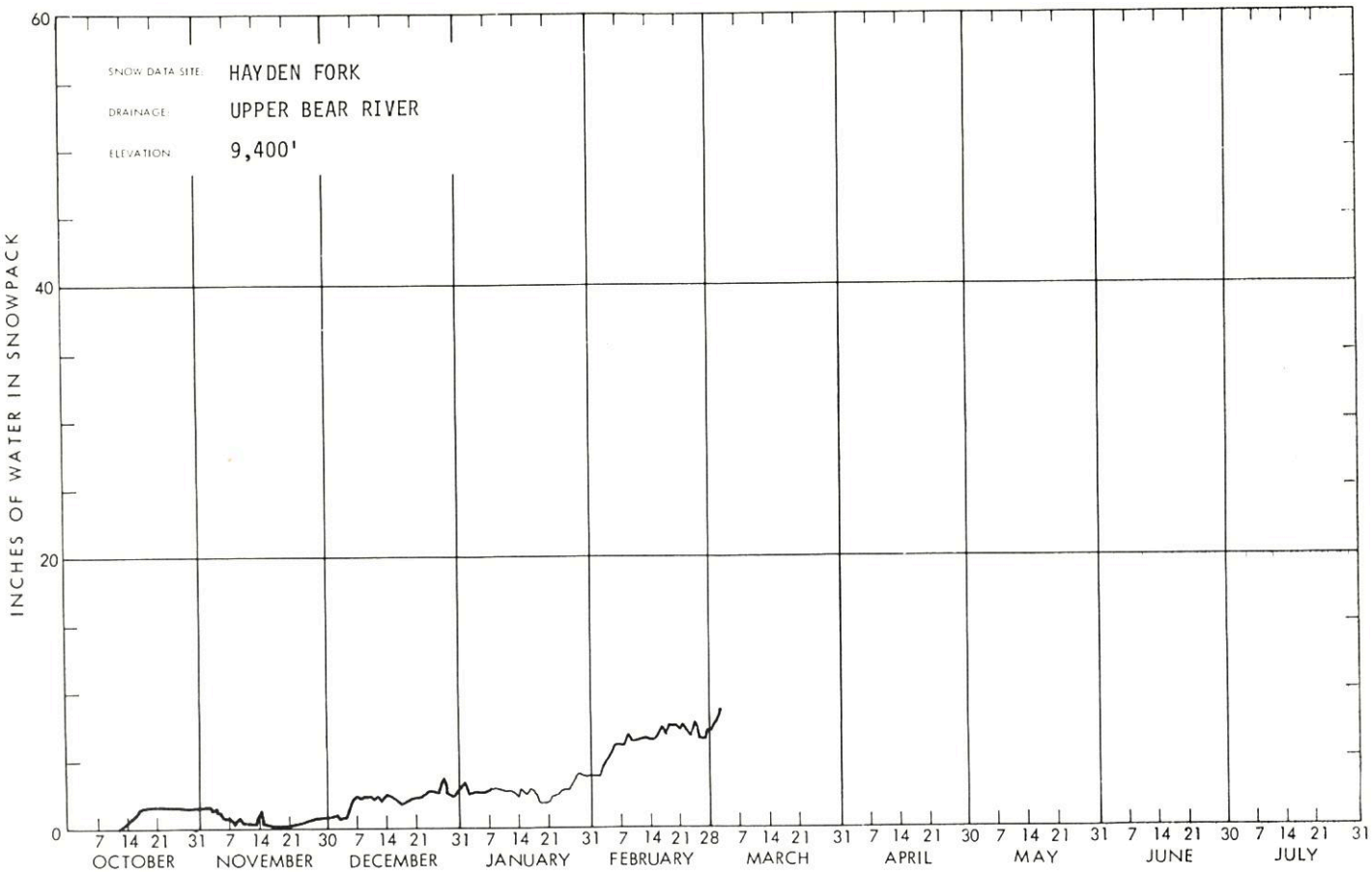
SNOW	THIS YEAR			PAST RECORD		PRECIPITATION (Inches)					
				Water Content (inches)		CURRENT INFORMATION			FROM APPROX. OCT. 1 TO DATE		
DRAINAGE BASIN and/or SNOW COURSE NAME	Date of Survey	Snow Depth (inches)	Water Content (inches)	Last Year	Average +	Date of Reading	Month's Precipitation	Average +	This Year	Average +	Percent of Average
SOUTHEASTERN UTAH DRAINAGES											
Buckboard Flat	2/24	8	2.3	19.7	8.8	2/24	0.56	---	7.09	15.18	47
Camp Jackson	2/24	8	2.3	22.8	10.3	2/24	0.52	---	3.42	14.27	
LaSal Mountain (lower)	2/25	20	5.2	13.2	7.1						
LaSal Mountain (upper)	2/25	36	10.0	18.2	11.6b	2/25	2.22	---	8.93	11.04	81
Monticello City Park	2/24	0	0.0	4.6	---						
ESCALANTE RIVER											
Widtsoe-Escalante #3	2/23	20	4.8	13.9	8.3	2/23	1.65	2.08	6.32	9.67	65
VIRGIN RIVER											
Kolob-Crystal	2/23	19	4.3	28.5	17.3a						
Long Valley Junction	2/23	0	0.0	12.4	4.0						
Webster Flat	2/23	16	4.3	28.0	13.9	2/25	2.57	3.53	8.18	15.15	54

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 M7-10-22027 D

+ 1958-1972 period

WSFB-X13C



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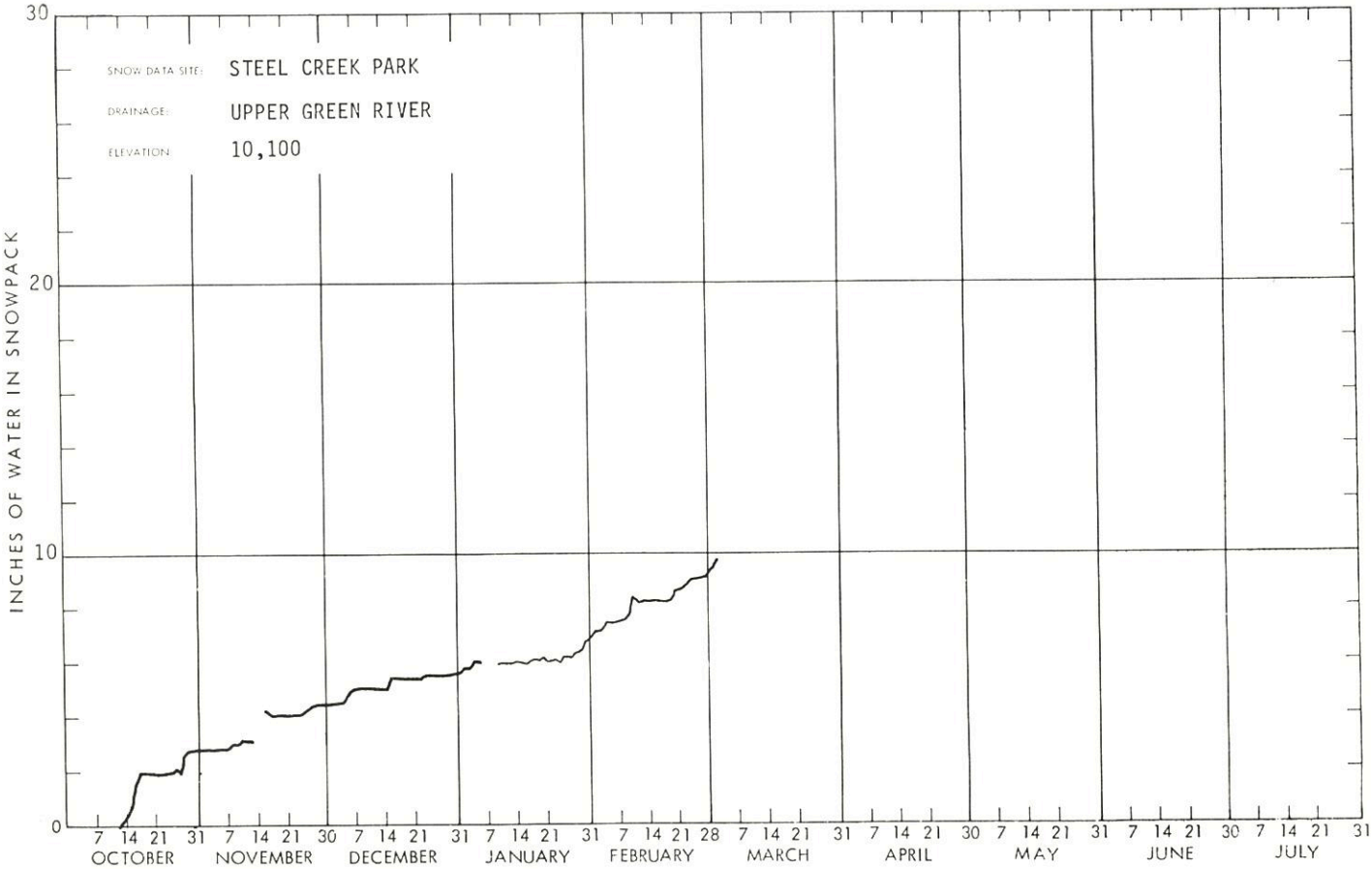

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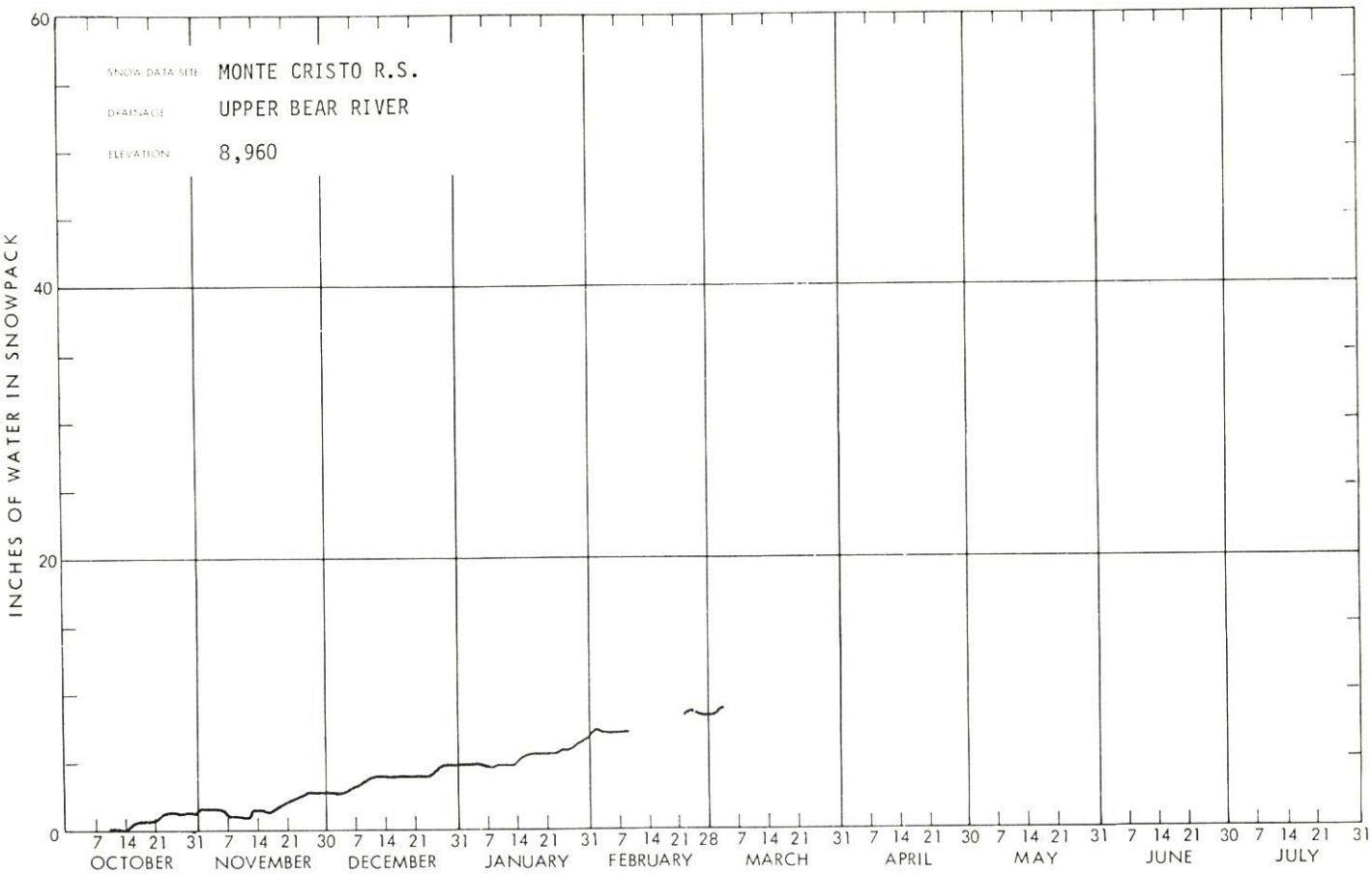

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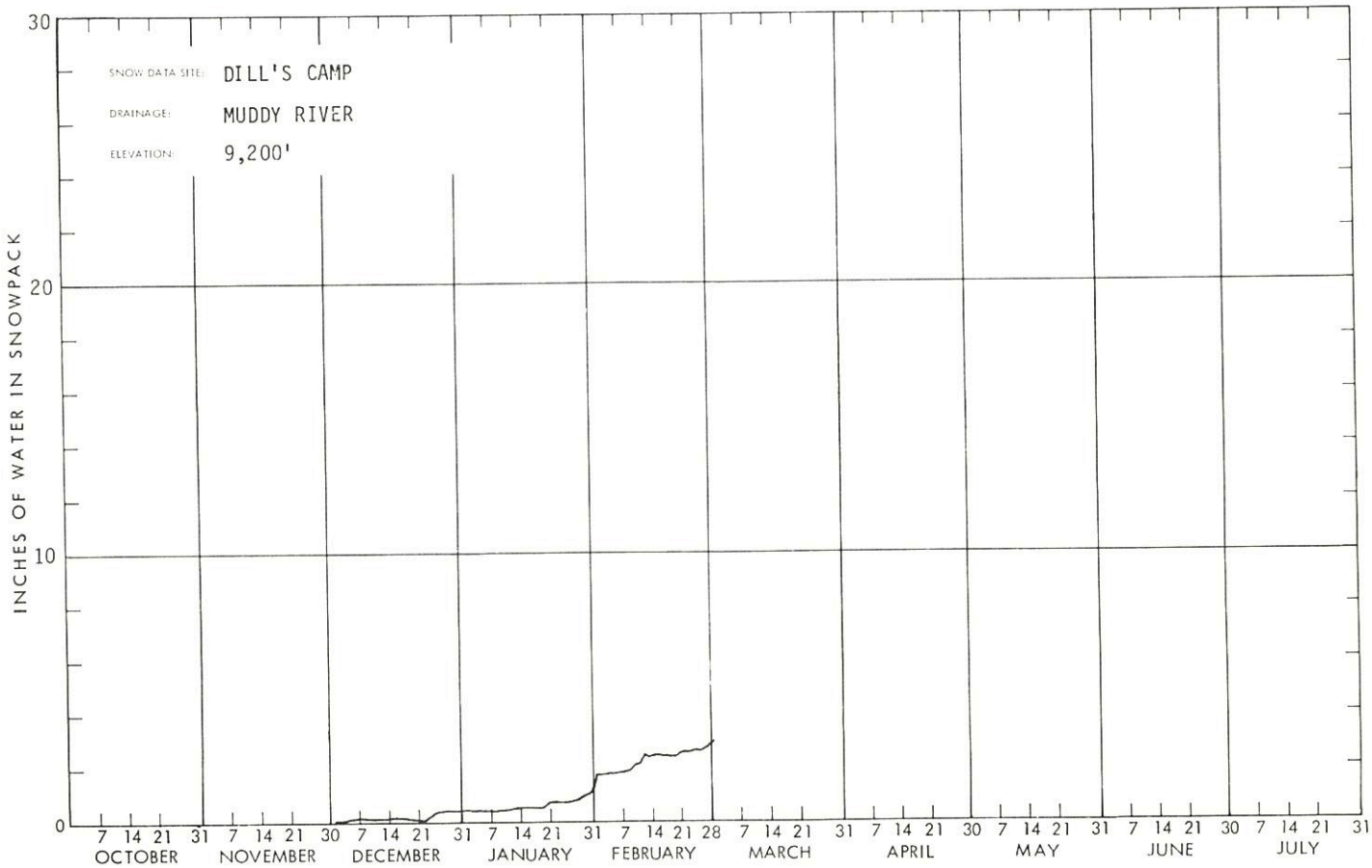

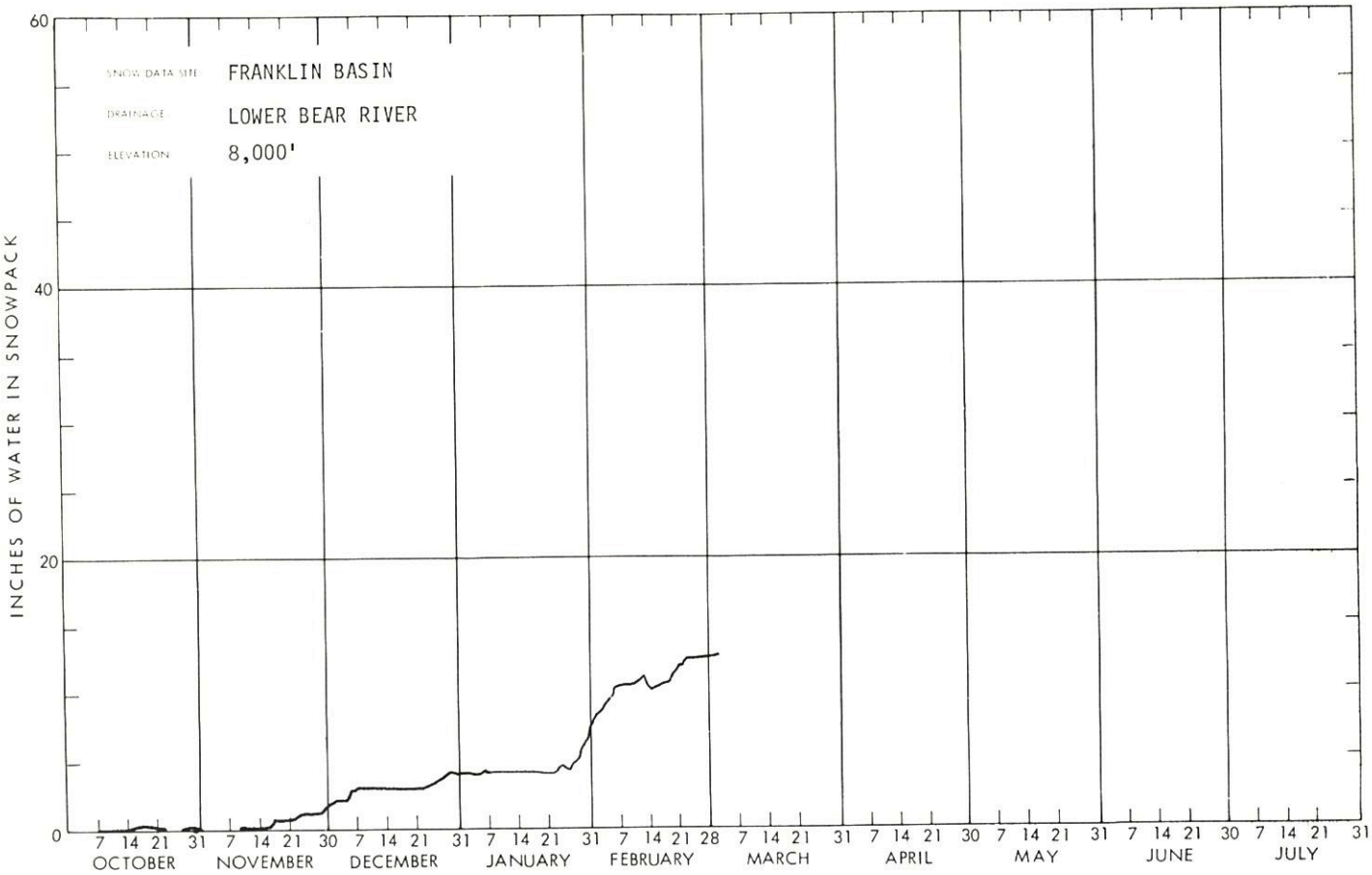
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ELEVATION 8,000'
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40
20
0
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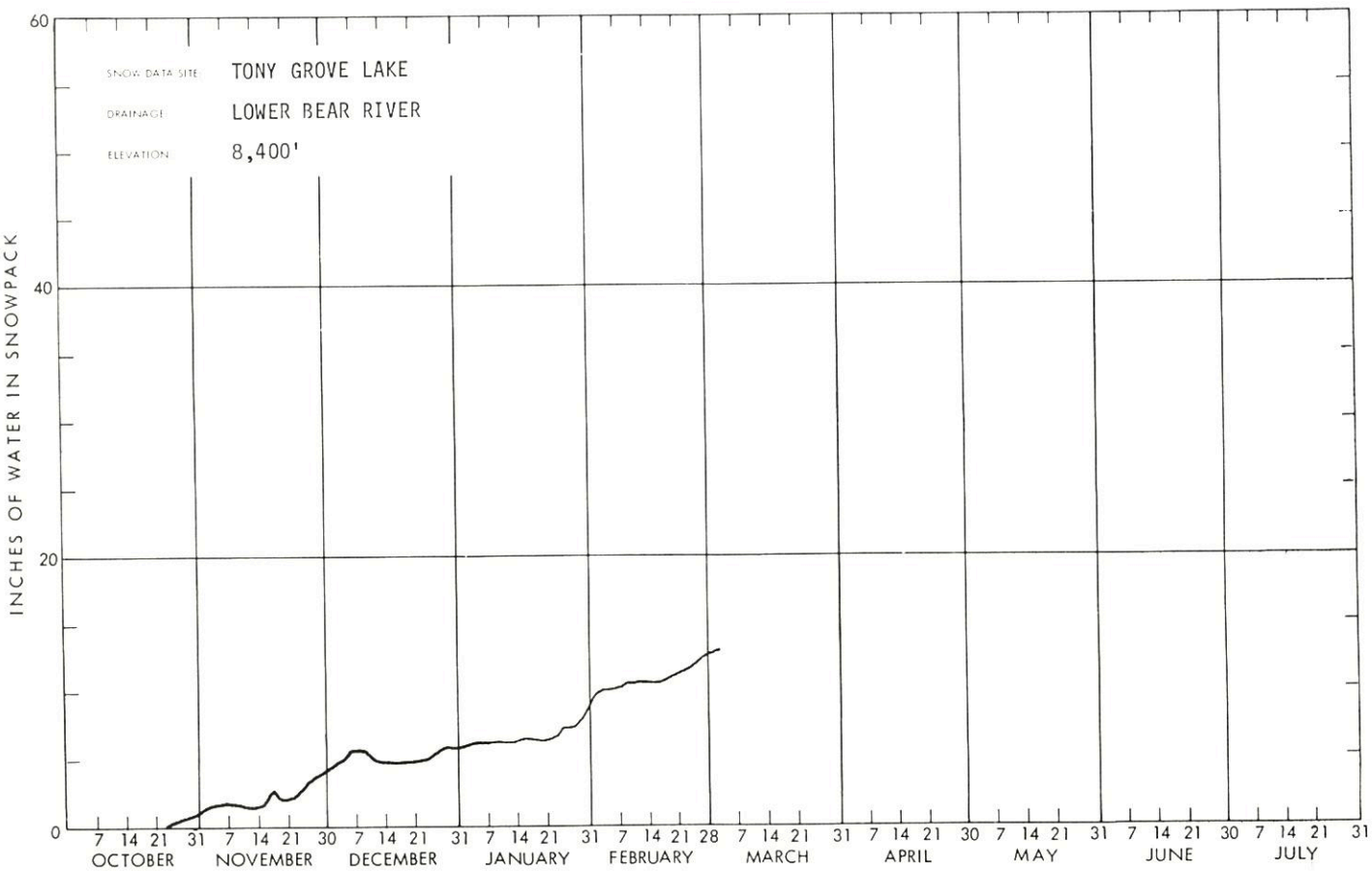
OCTOBER NOVEMBER DECEMBER JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY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ELEVATION 8,400'
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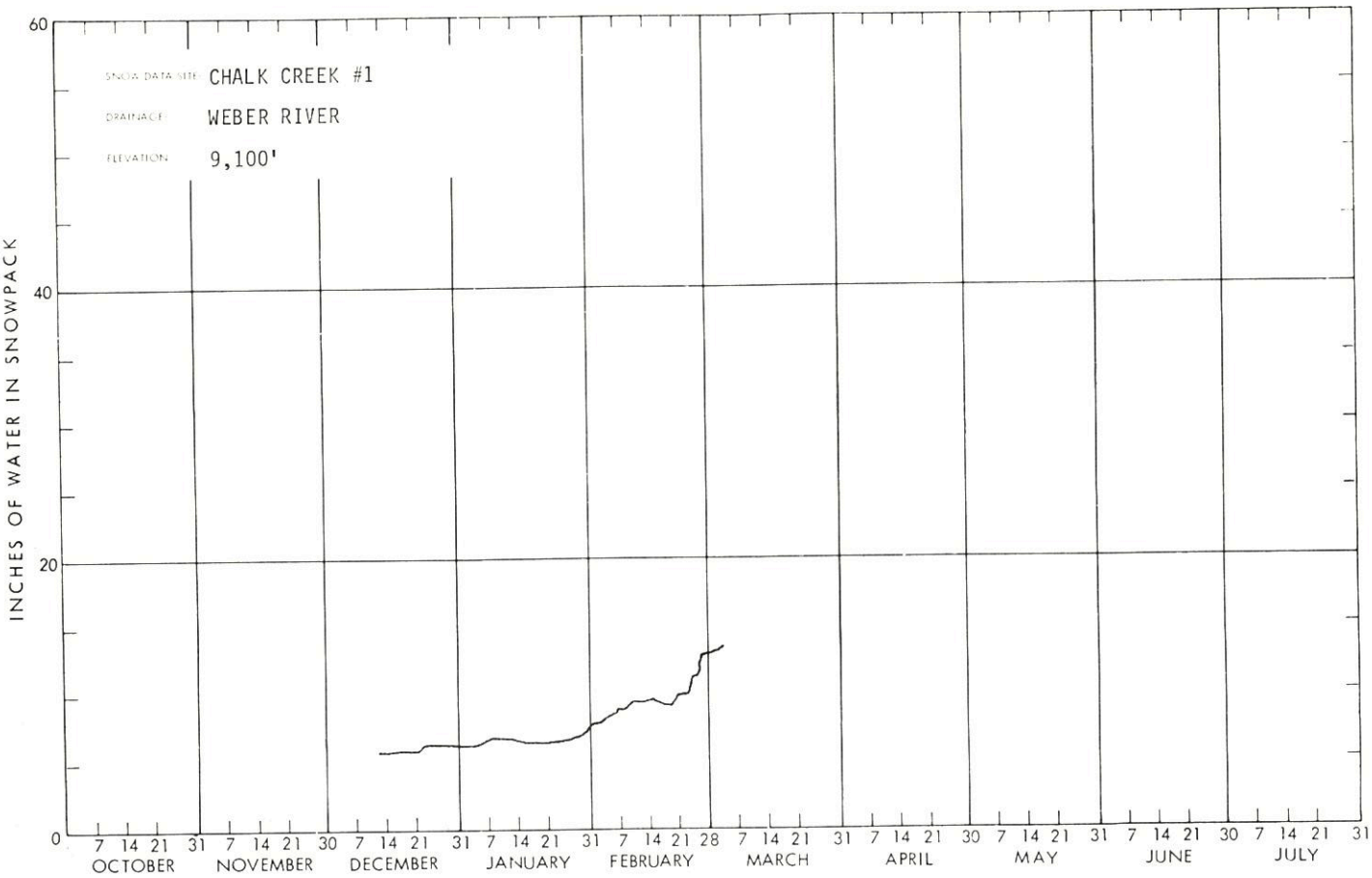
OCTOBER NOVEMBER DECEMBER JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY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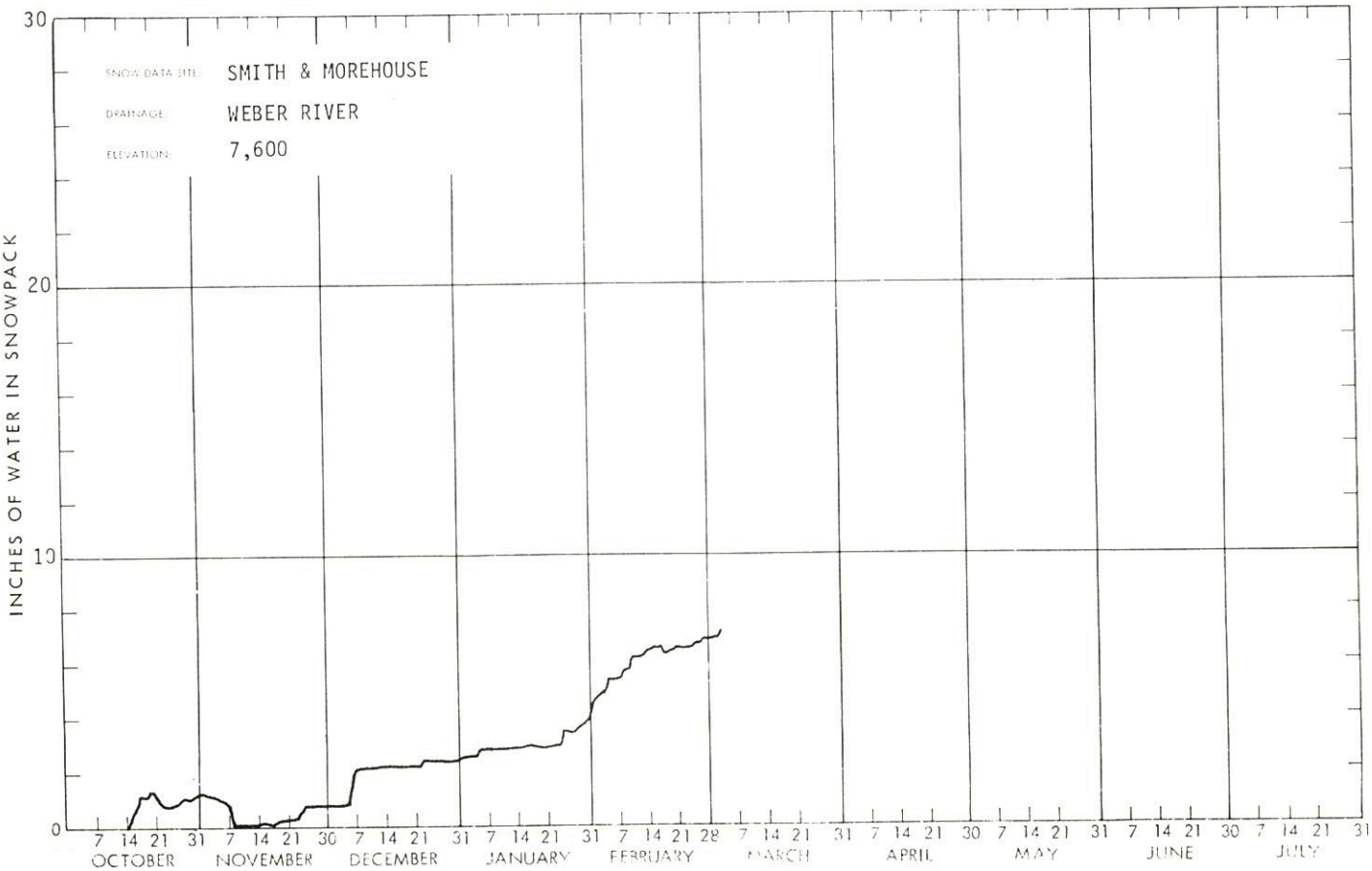
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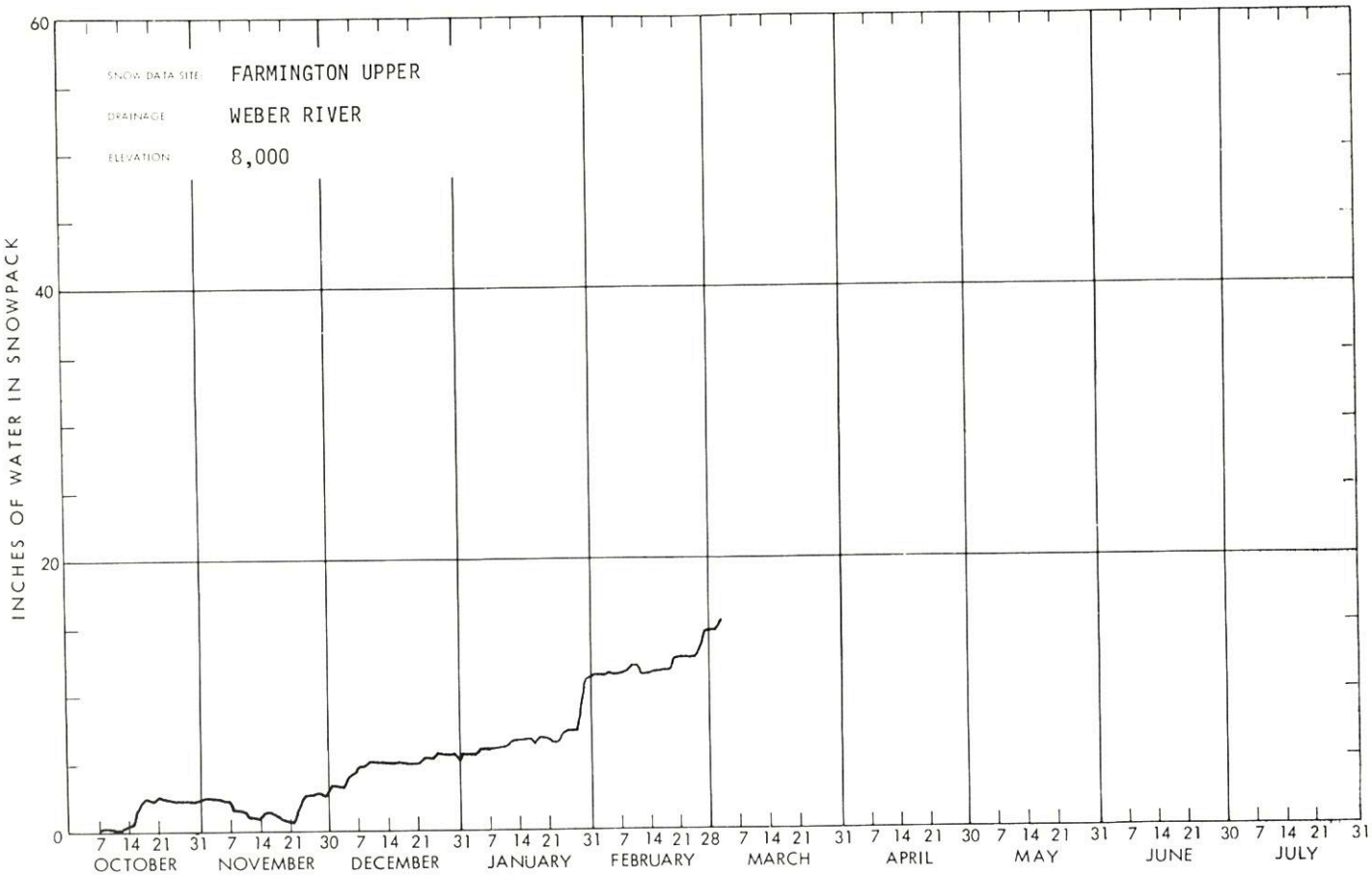
JULY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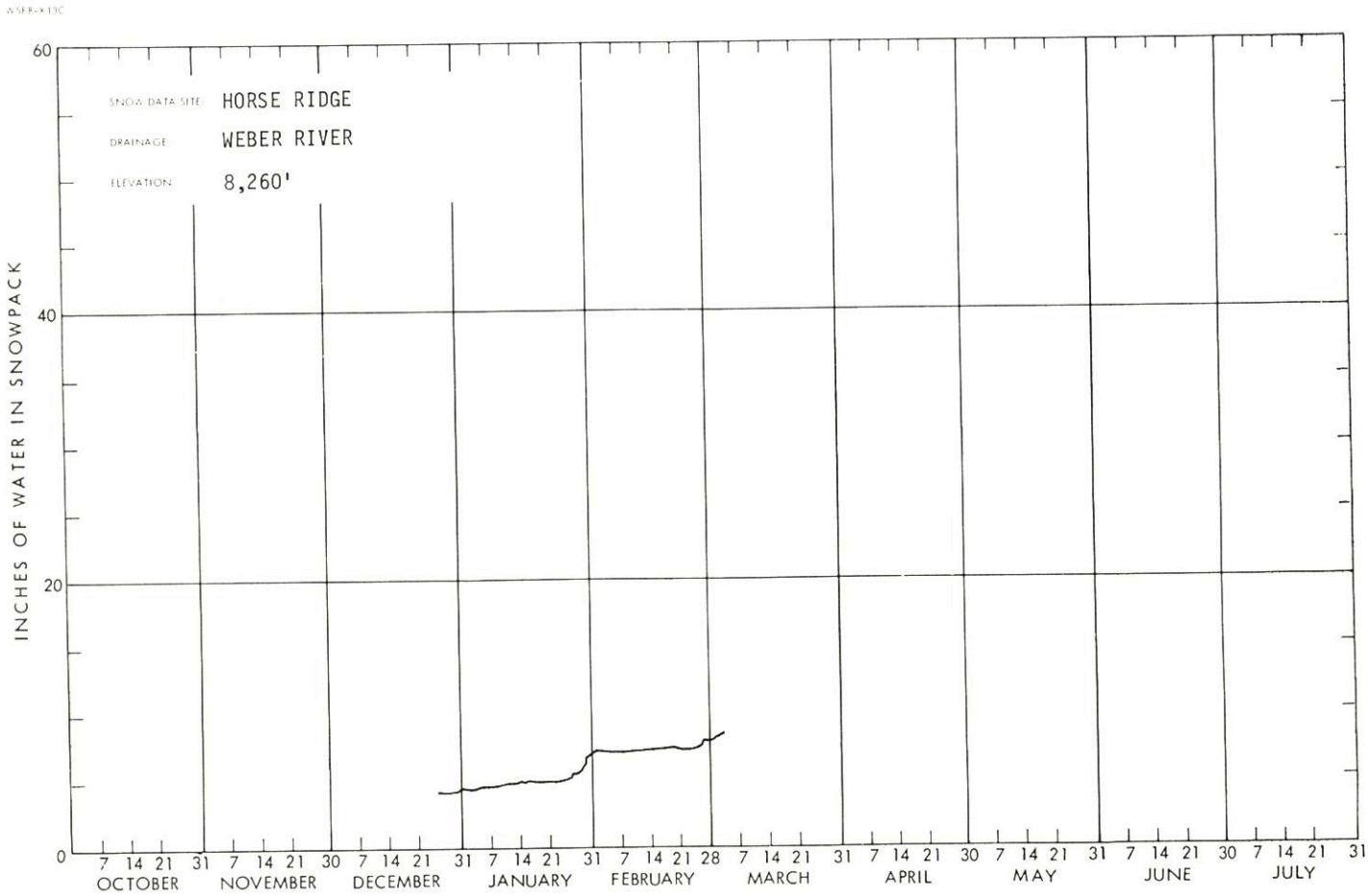
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DRAINAGE: WEBER RIVER
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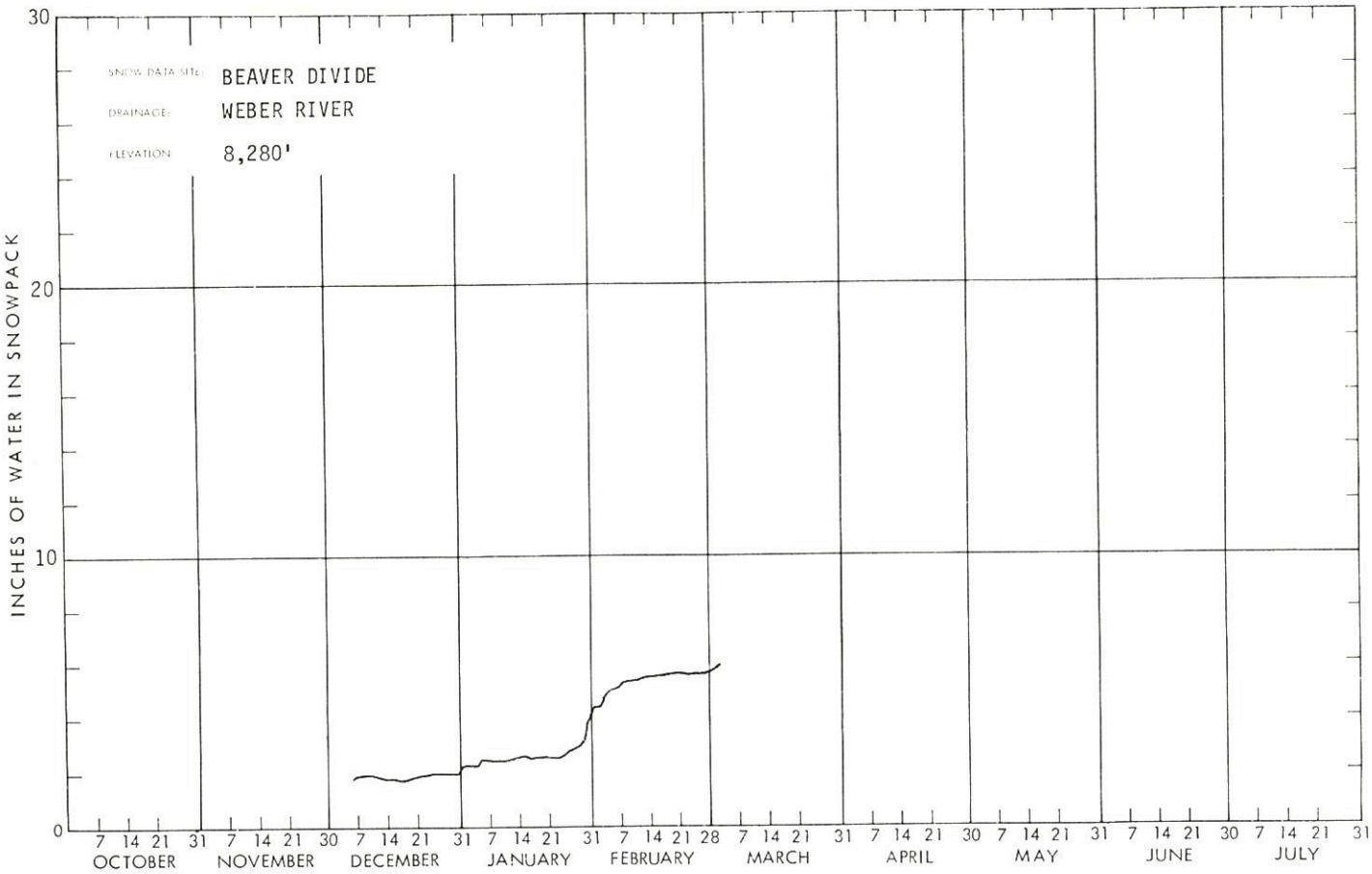
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OCTOBER
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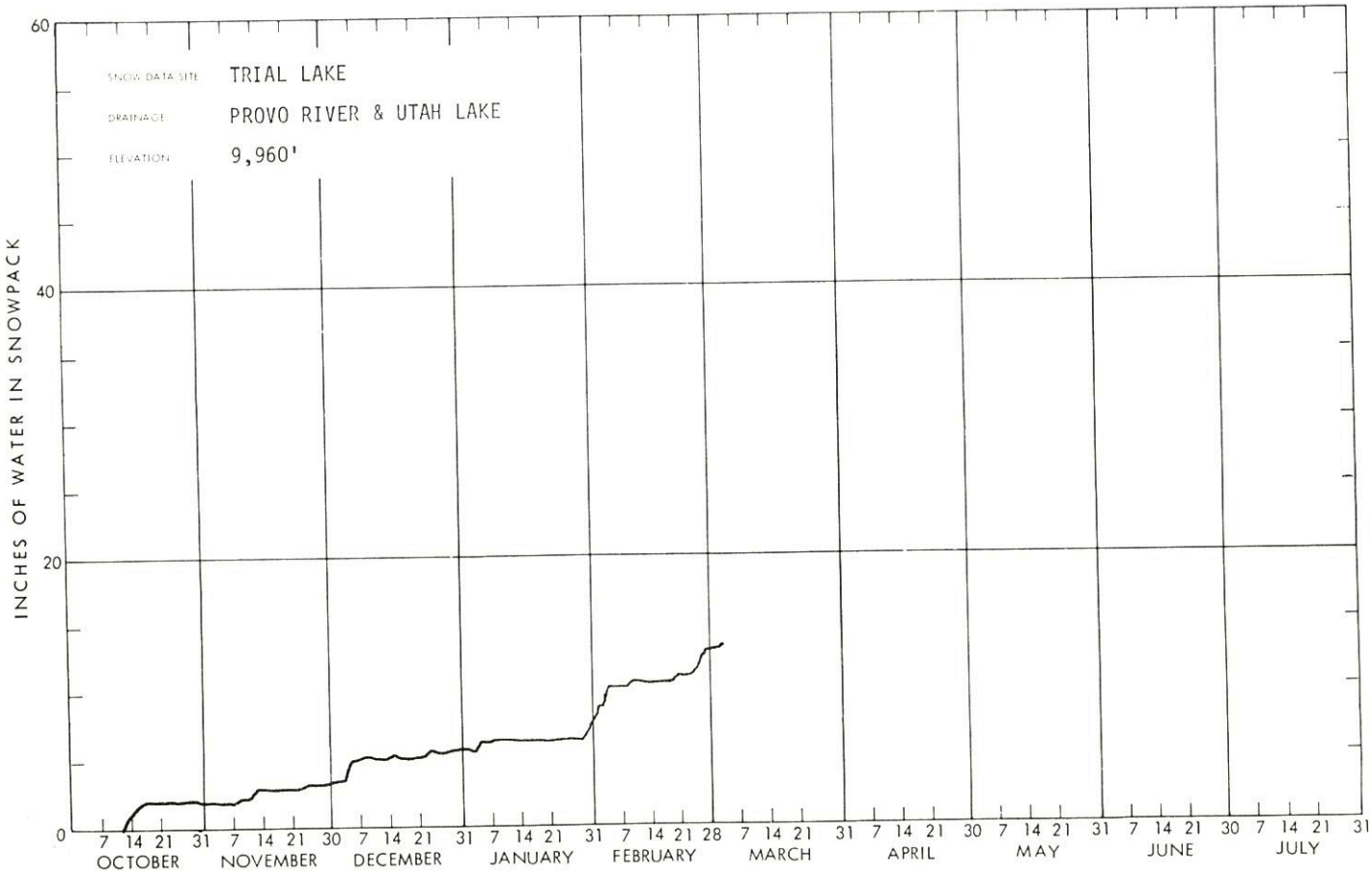
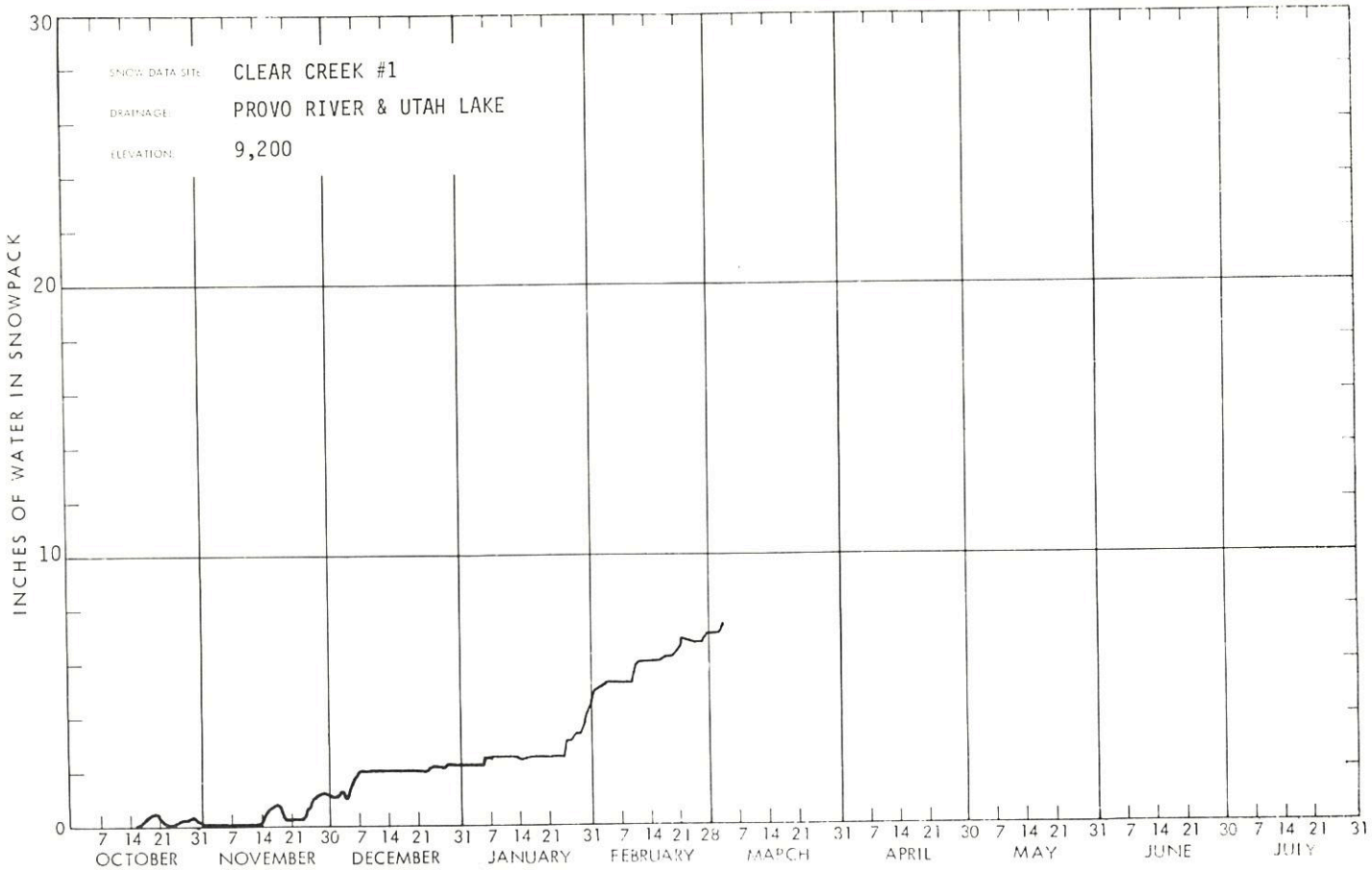
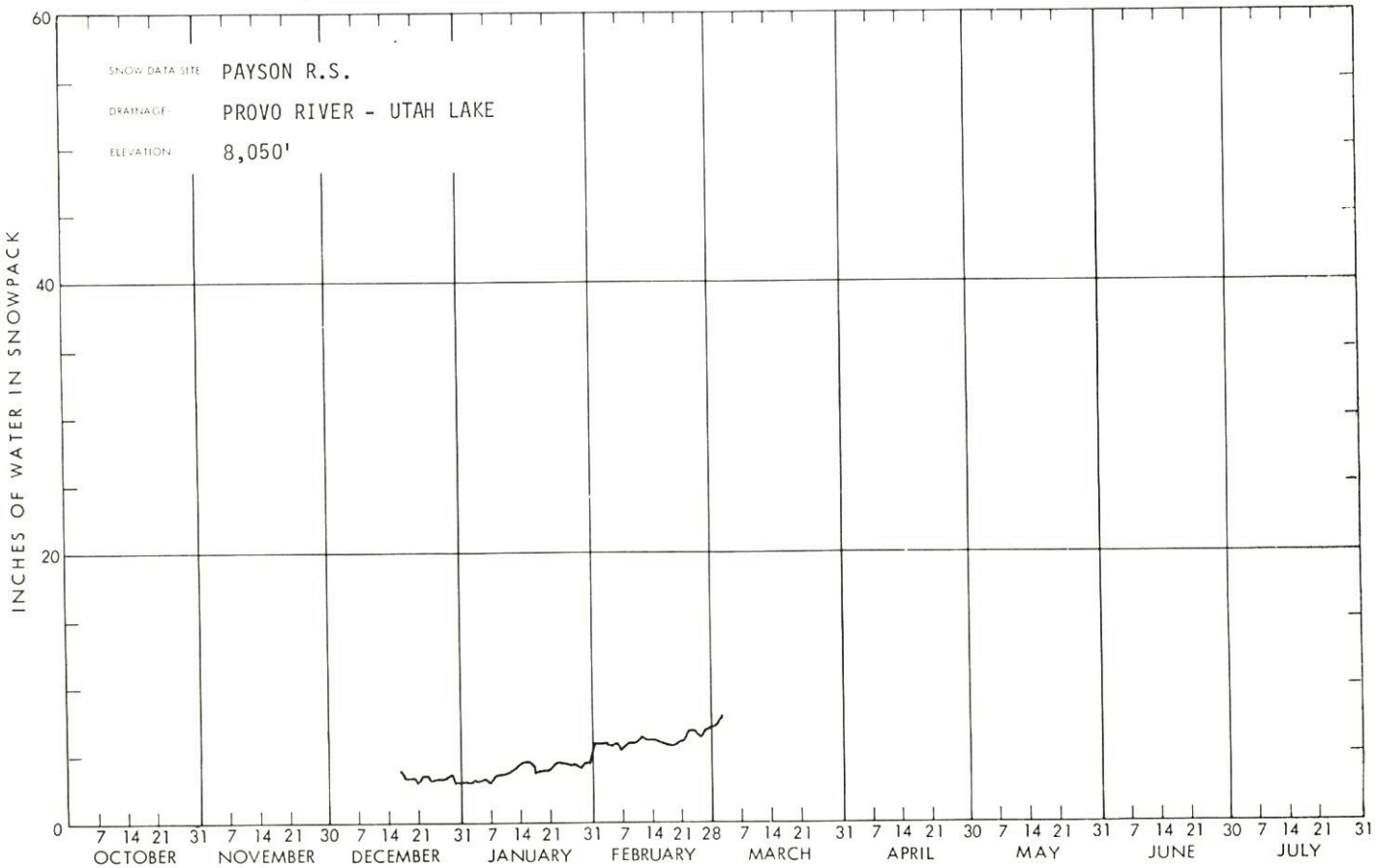
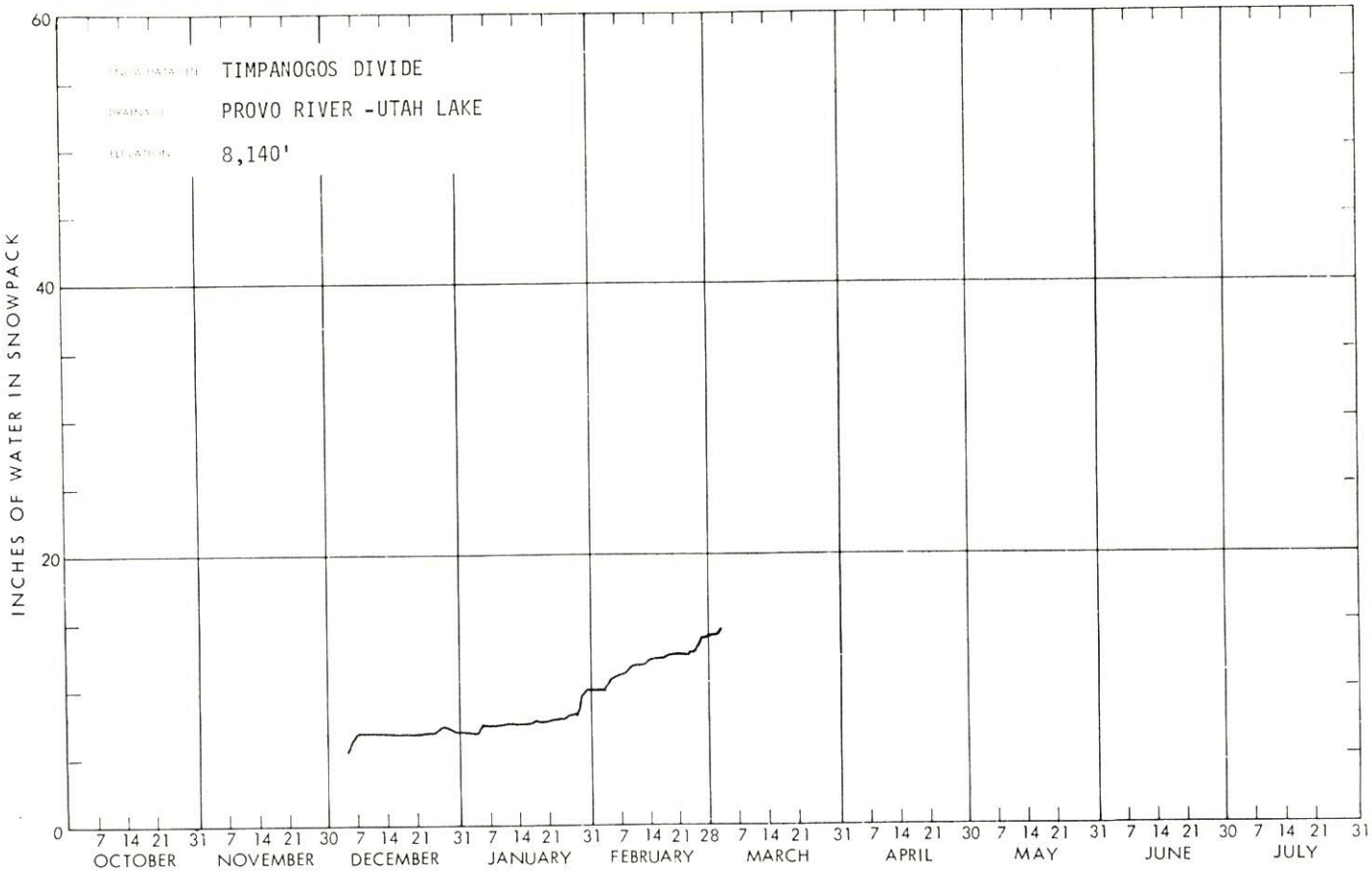
JUNE
JULY


SNOW DATA SITE: TRIAL LAKE
DRAINAGE: PROVO RIVER & UTAH LAKE
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
OCTOBER
NOVEMBER
DECEMBER
JANUARY
FEBRUARY
MARCH
APRIL
MAY
JUNE
JULY


SNOW DATA SITE: CLEAR CREEK #1
DRAINAGE: PROVO RIVER & UTAH LAKE
ELEVATION: 9,200
INCHES OF WATER IN SNOWPACK
30
20
10
0
7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 31 7 14 21 28 7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 30 7 14 21 31
OCTOBER NOVEMBER DECEMBER JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY


SNOW DATA SITE: PAYSON R.S.
DRAINAGE: PROVO RIVER - UTAH LAKE
ELEVATION: 8,050'
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


TIMPANOGOS DIVIDE
PROVO RIVER -UTAH LAKE
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
OCTOBER
NOVEMBER
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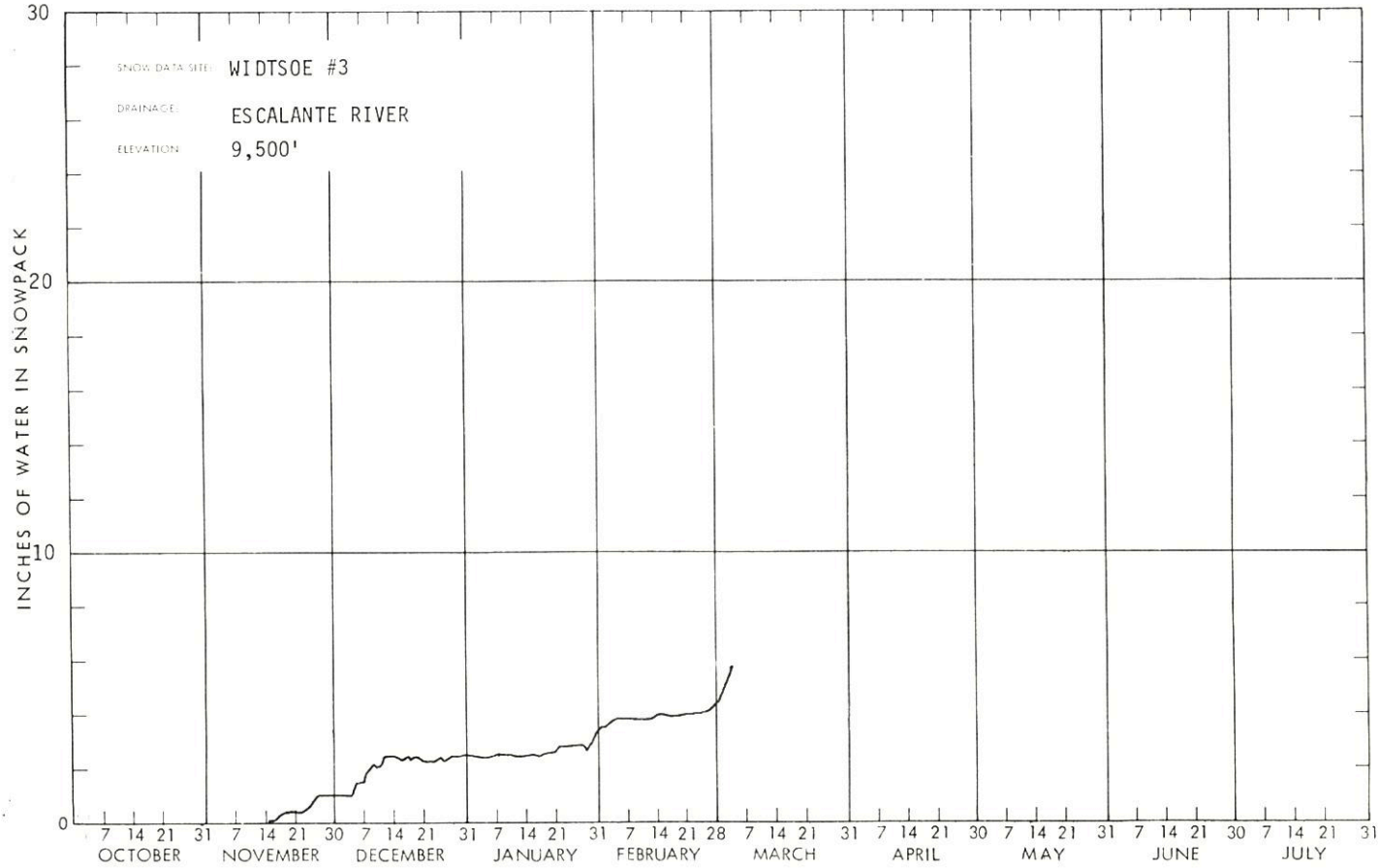
JULY


SNOW DATA SITE:
WIDTSOE #3
DRAINAGE:
ESCALANTE 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
OCTOBER
NOVEMBER
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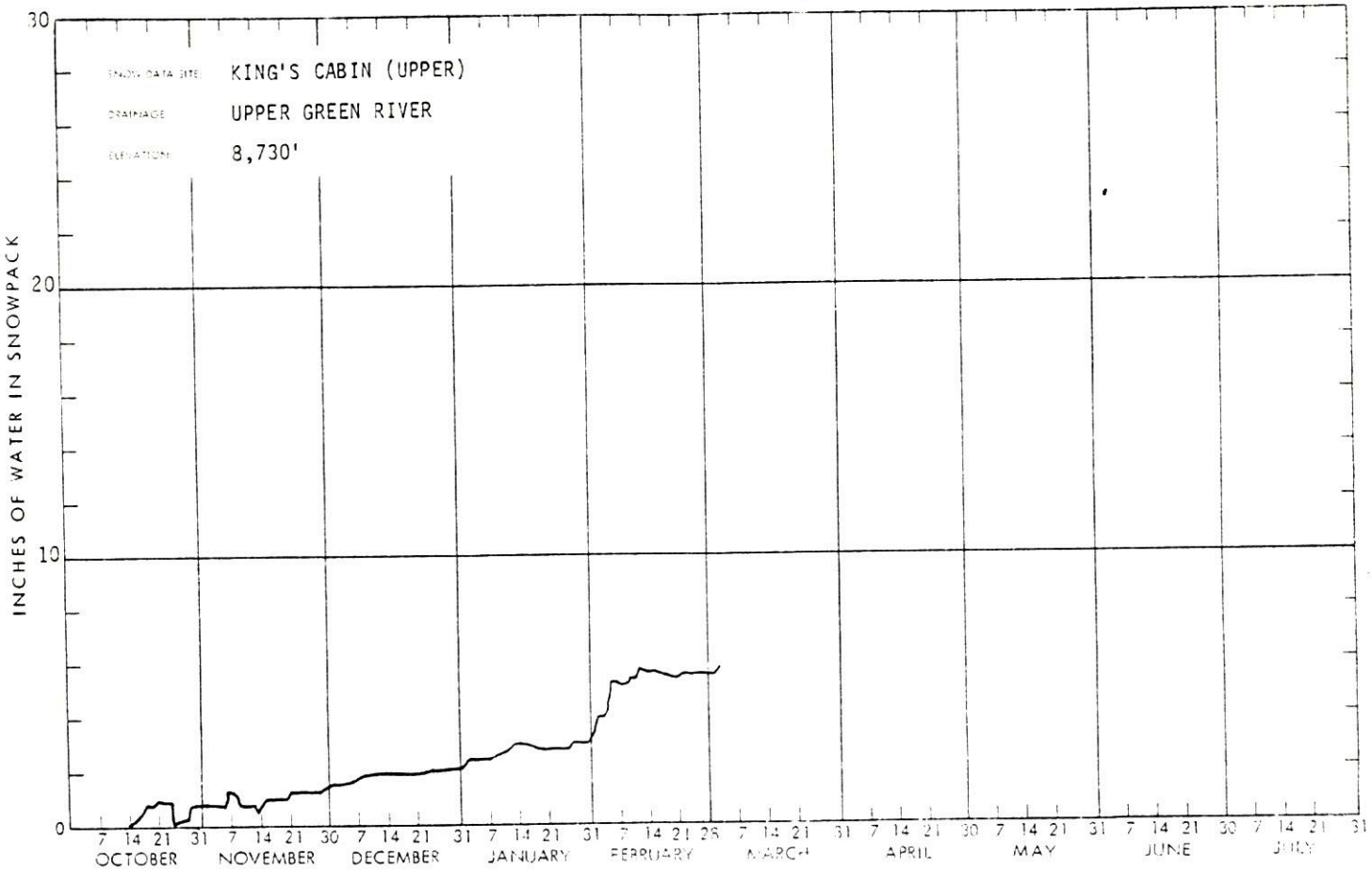
MAY
JUNE
JULY


SNOW DATA SITE: KING'S CABIN (UPPER)
DRAINAGE: UPPER 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
OCTOBER
NOVEMBER
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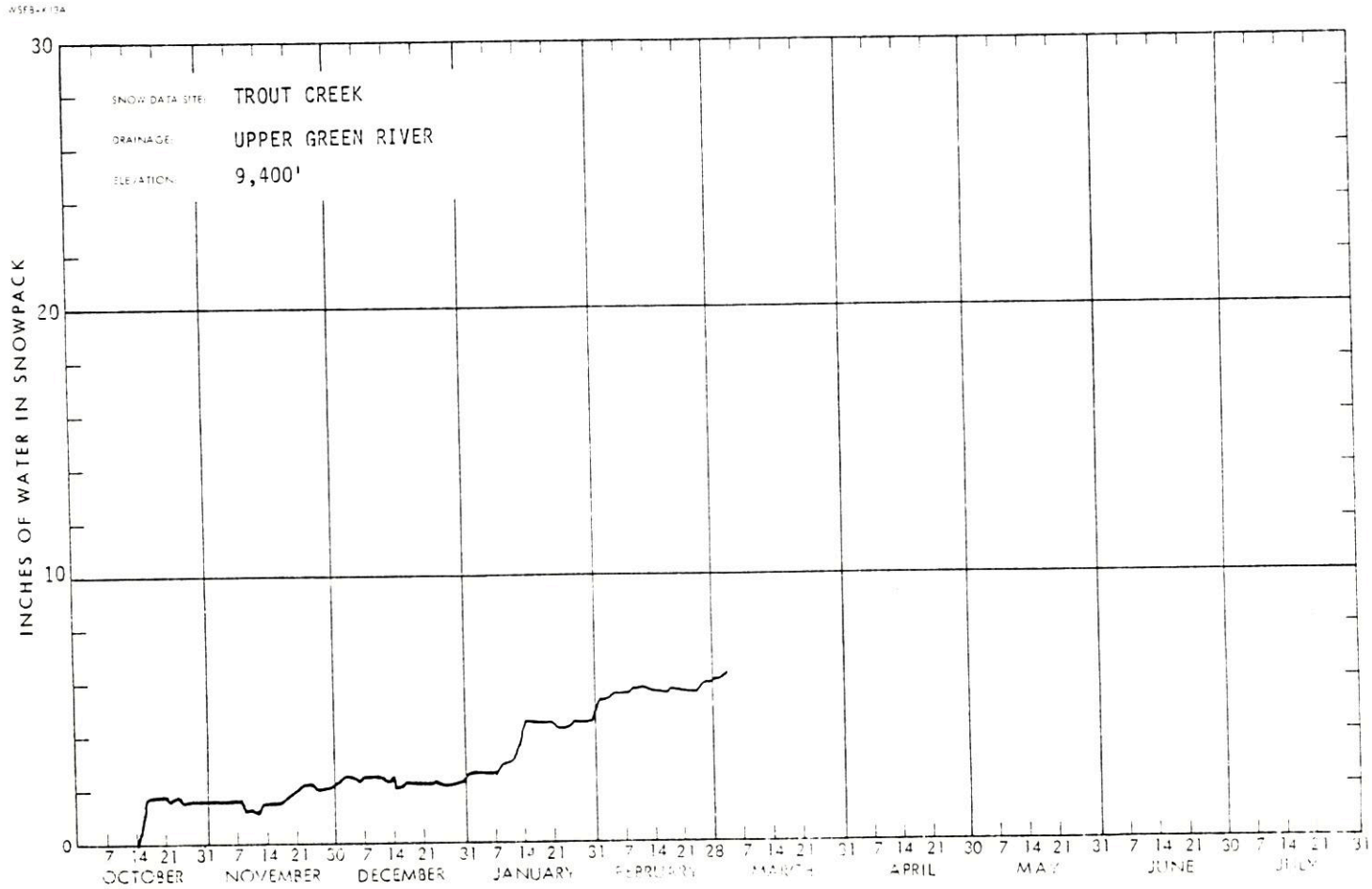
JUNE
JULY


SNOW DATA SITE: TROUT CREEK
DRAINAGE: UPPER GREEN RIVER
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
OCTOBER
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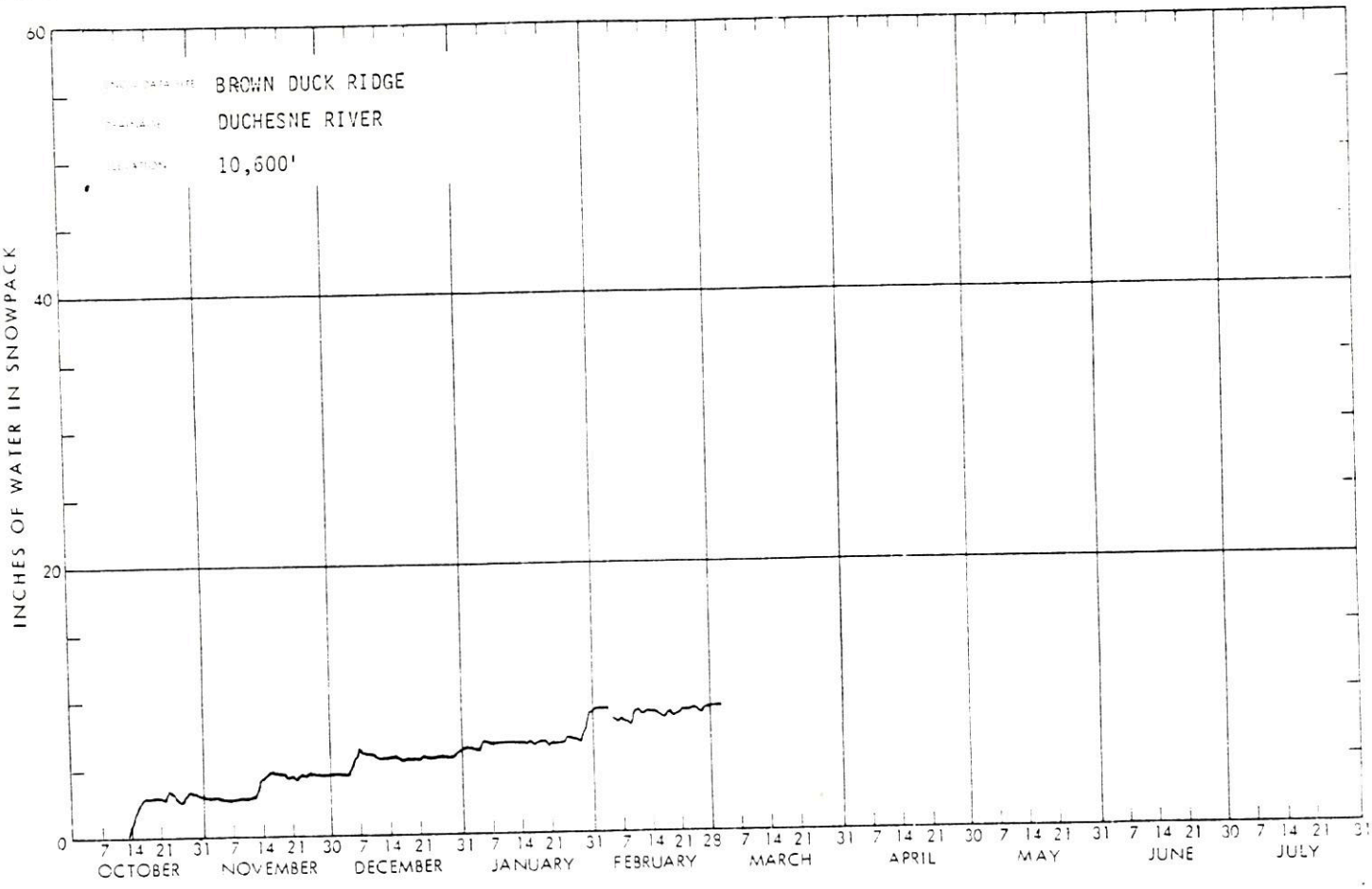
BROWN DUCK RIDGE
DUCHESNE RIVER
10,600'
INCHES OF WATER IN SNOWPACK
60
40
20
0
7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 31 7 14 21 28 7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 30 7 14 21 31
OCTOBER
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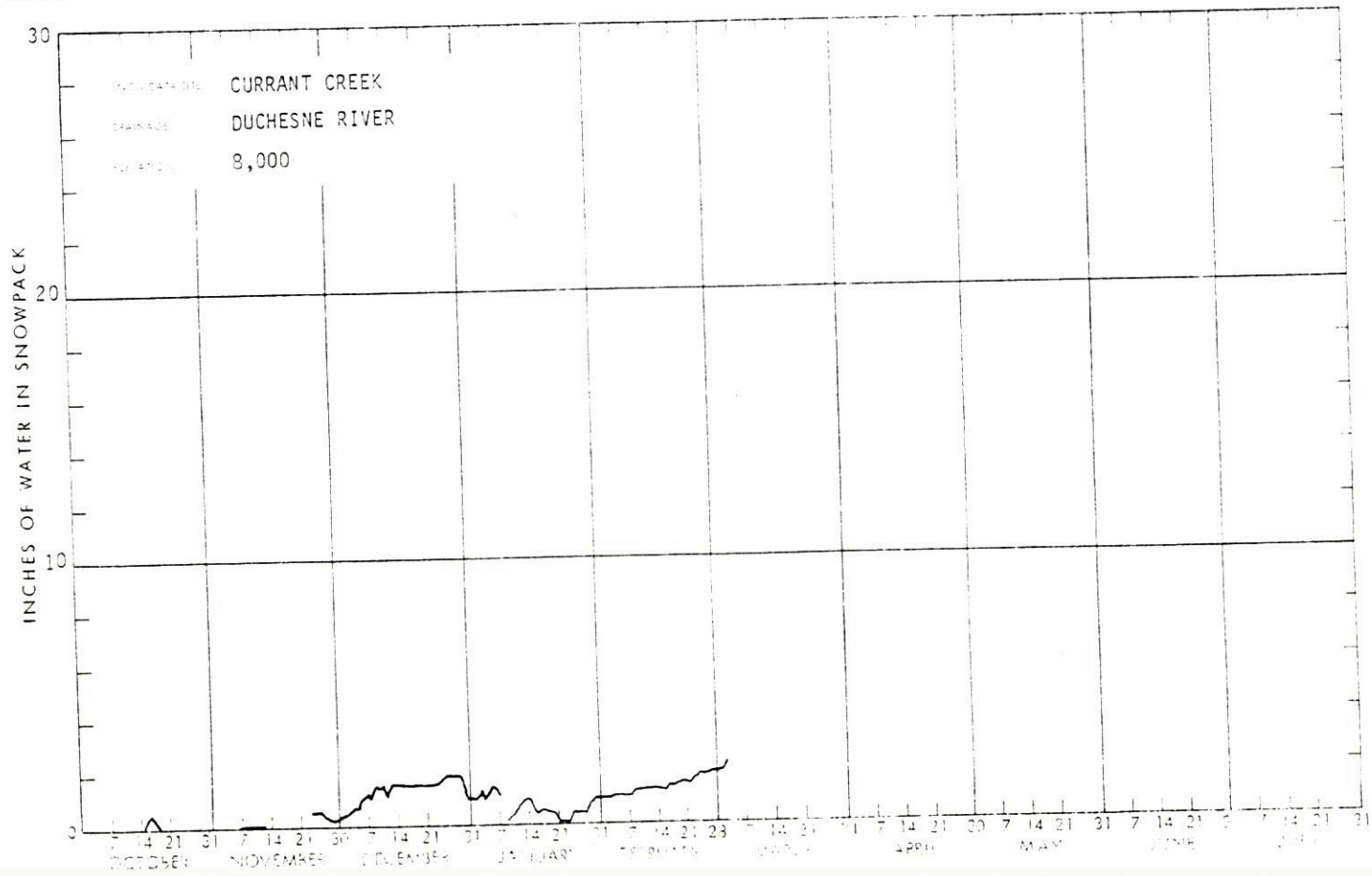
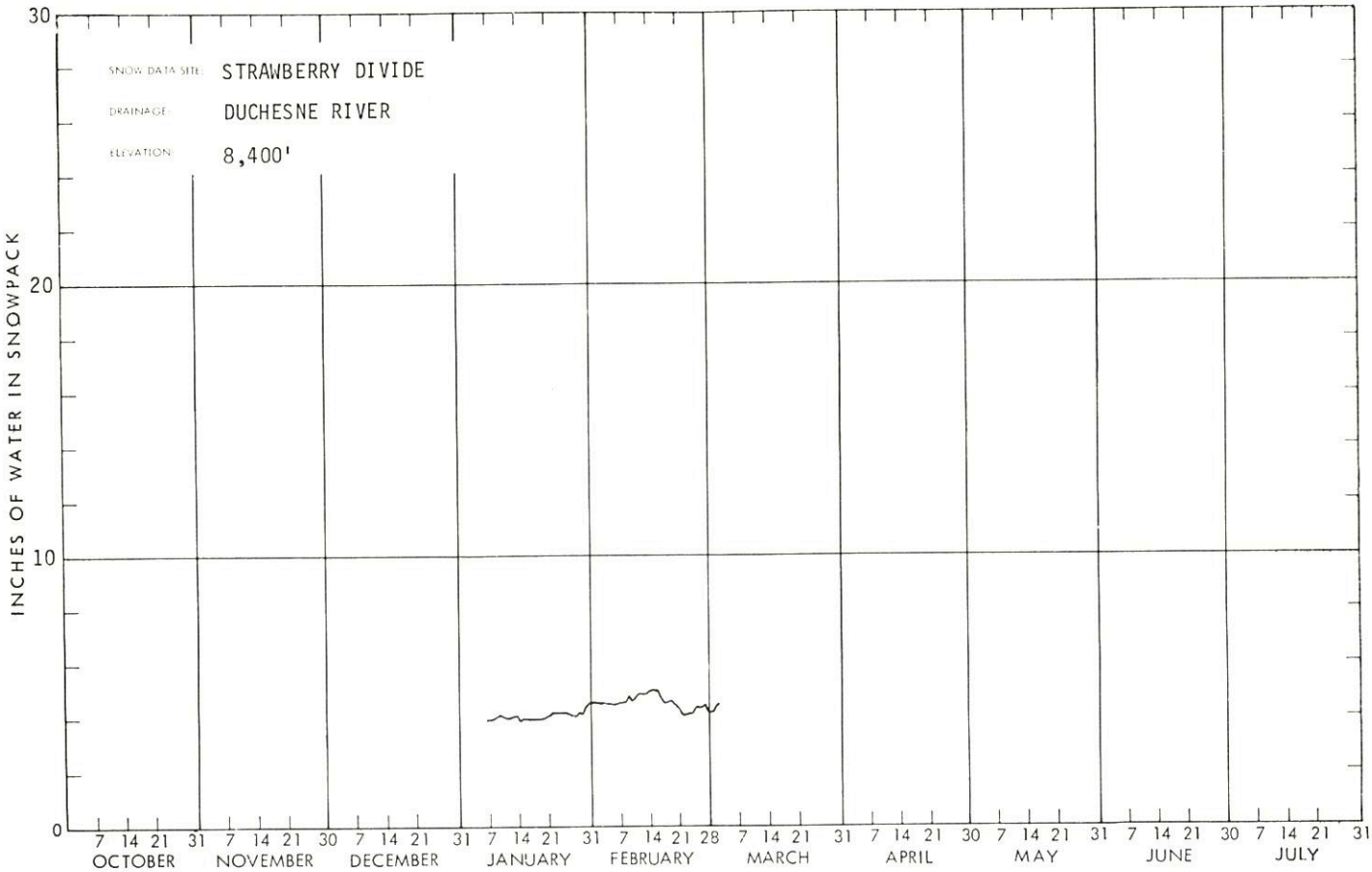
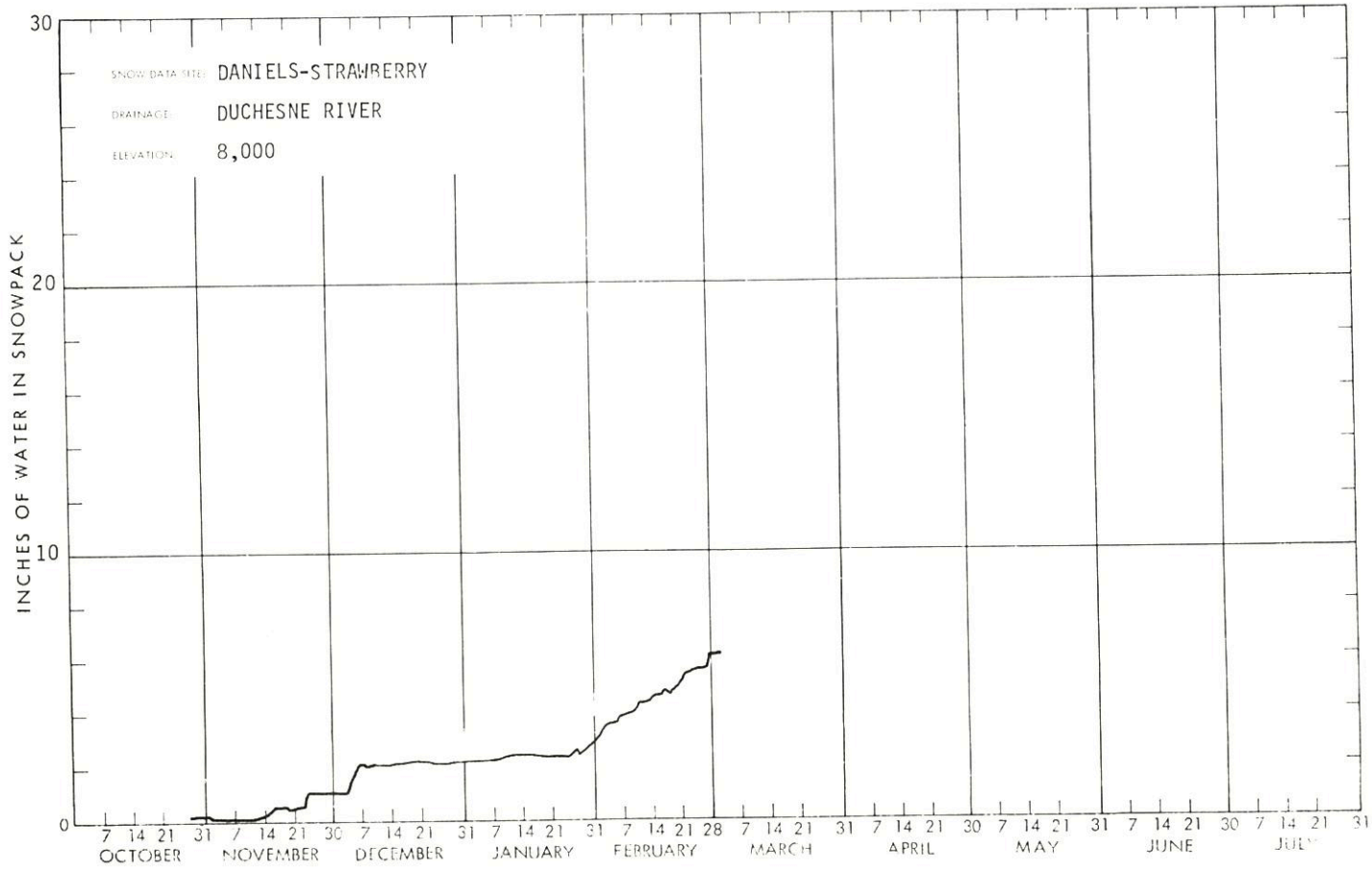
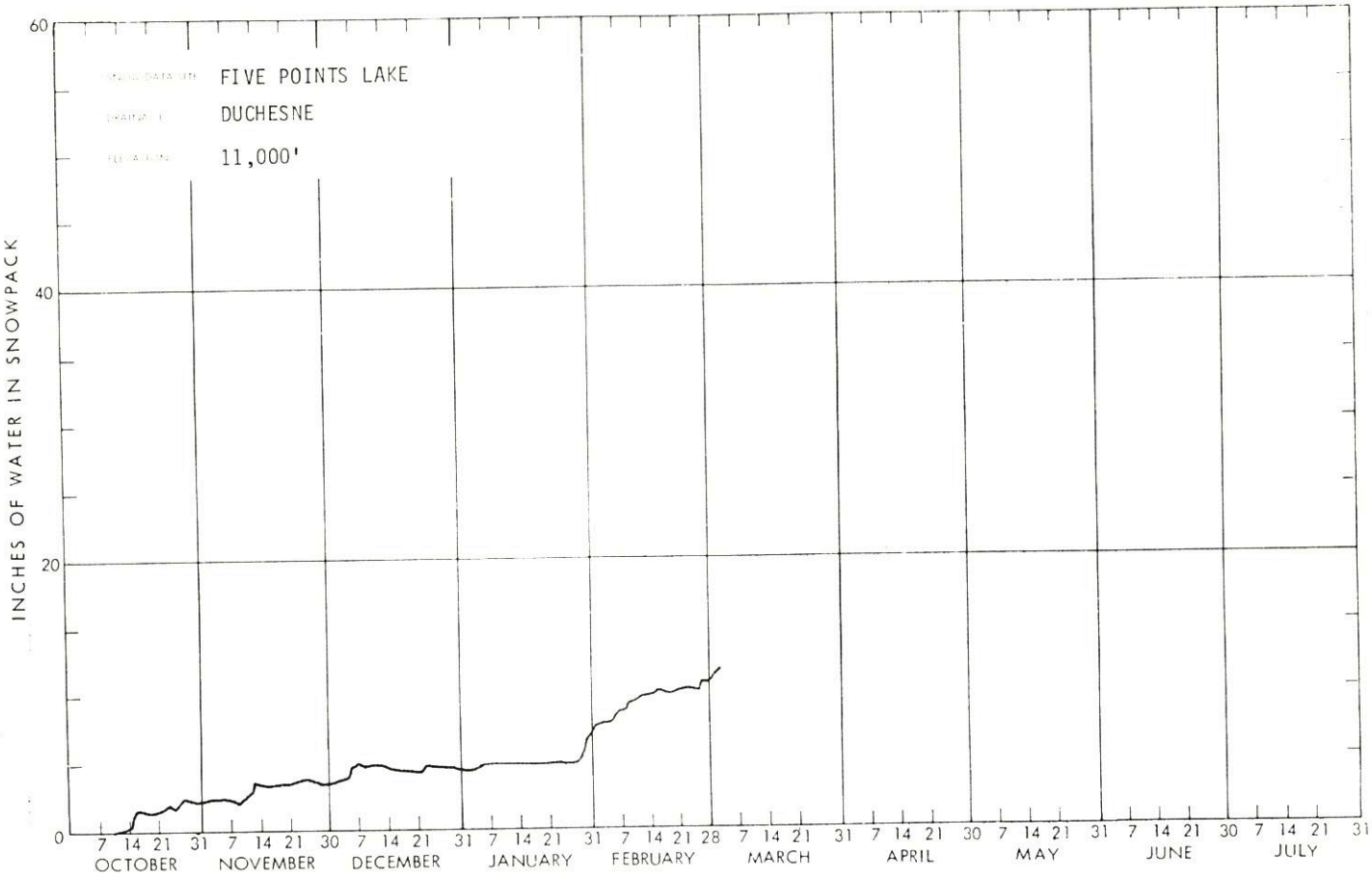
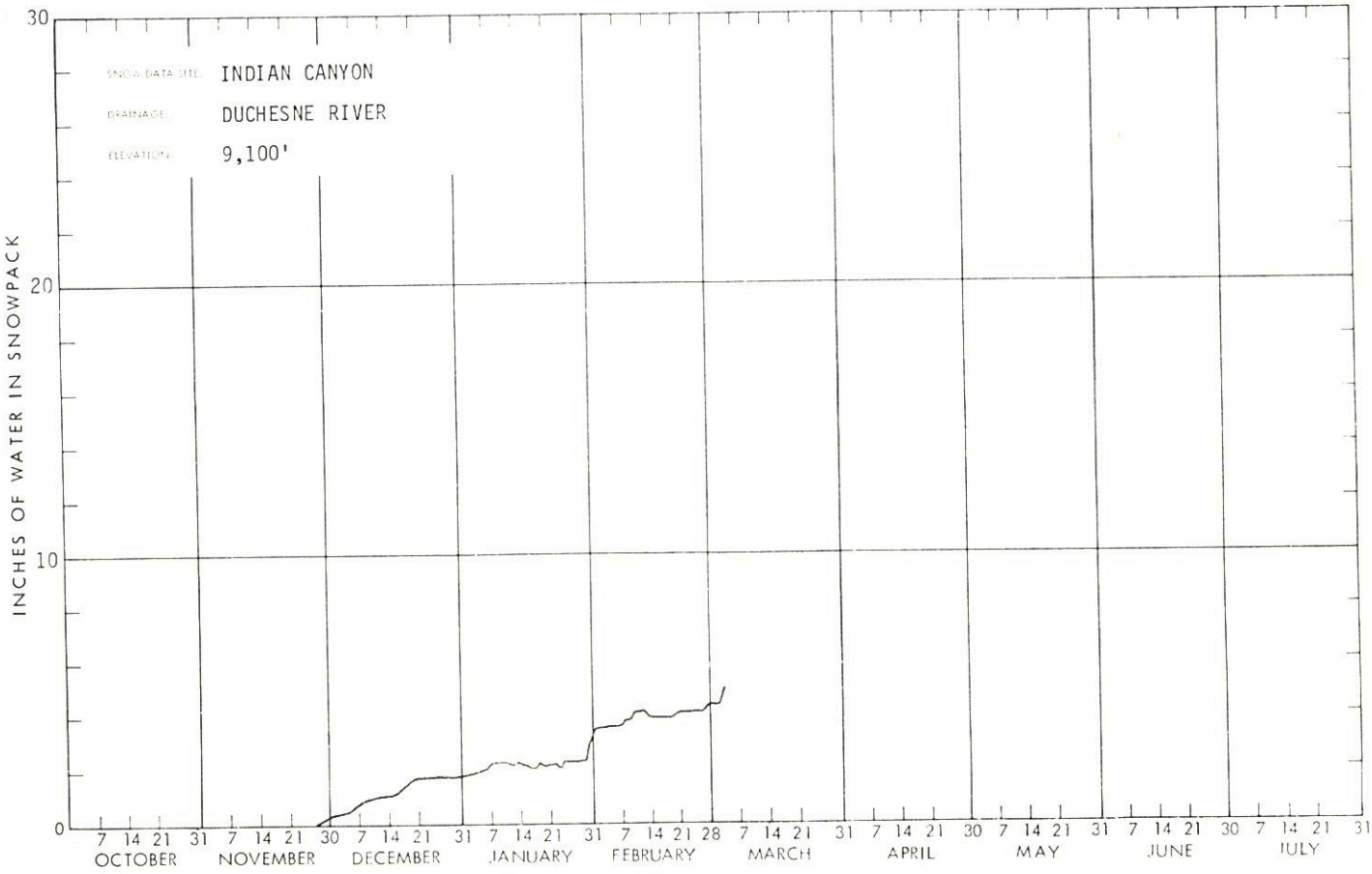
JULY


CURRANT CREEK
DUCHESNE RIVER
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 30 7 14 21 31 7 14 21
OCTOBER
NOVEMBER
DECEMBER
JANUARY
FEBRUARY
APRIL
MAY
JUNE


SNOW DATA SITE: STRAWBERRY DIVIDE
DRAINAGE: DUCHESNE RIVER
ELEVATION: 8,400'
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
OCTOBER NOVEMBER DECEMBER JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY


SNOW DATA SITE: DANIELS-STRAWBERRY
DRAINAGE: DUCHESNE RIVER
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
OCTOBER NOVEMBER DECEMBER JANUARY FEBRUARY MARCH APRIL MAY JUNE


FIVE POINTS LAKE
DUCHESNE
11,000'
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
OCTOBER
NOVEMBER
DECEMBER
JANUARY
FEBRUARY
MARCH
APRIL
MAY
JUNE
JULY


INDIAN CANYON
DUCHESNE RIVER
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
OCTOBER
NOVEMBER
DECEMBER
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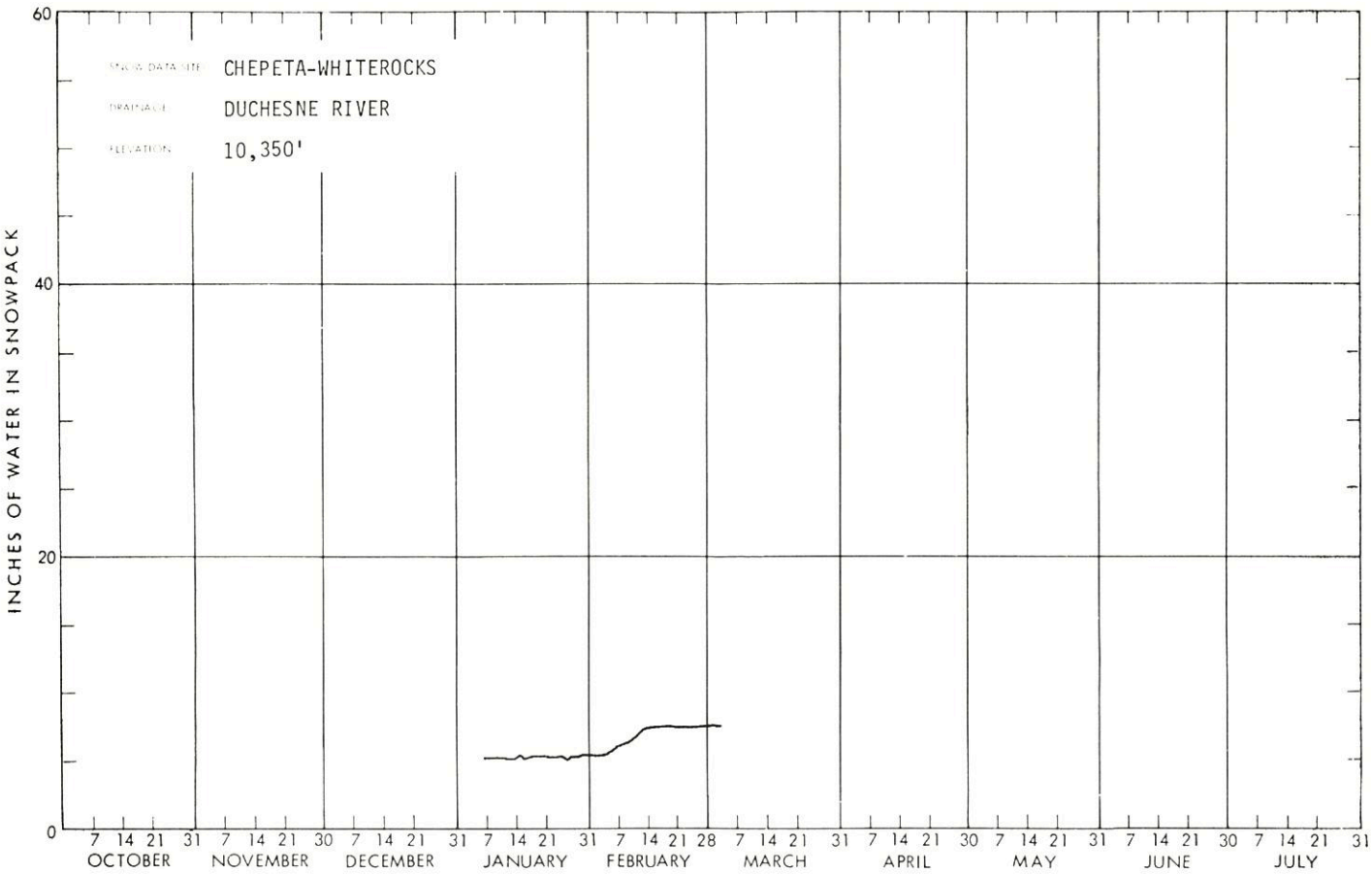
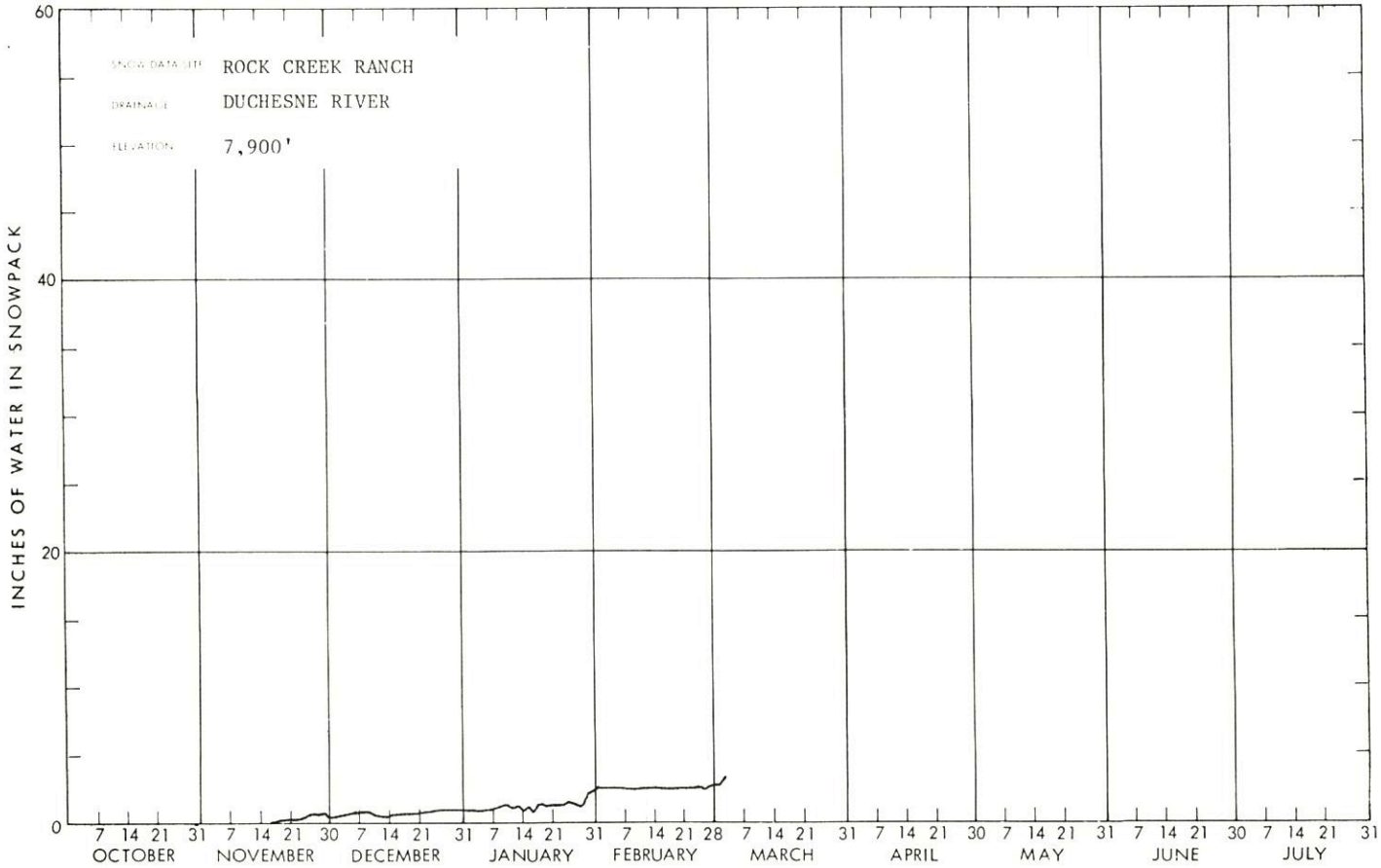
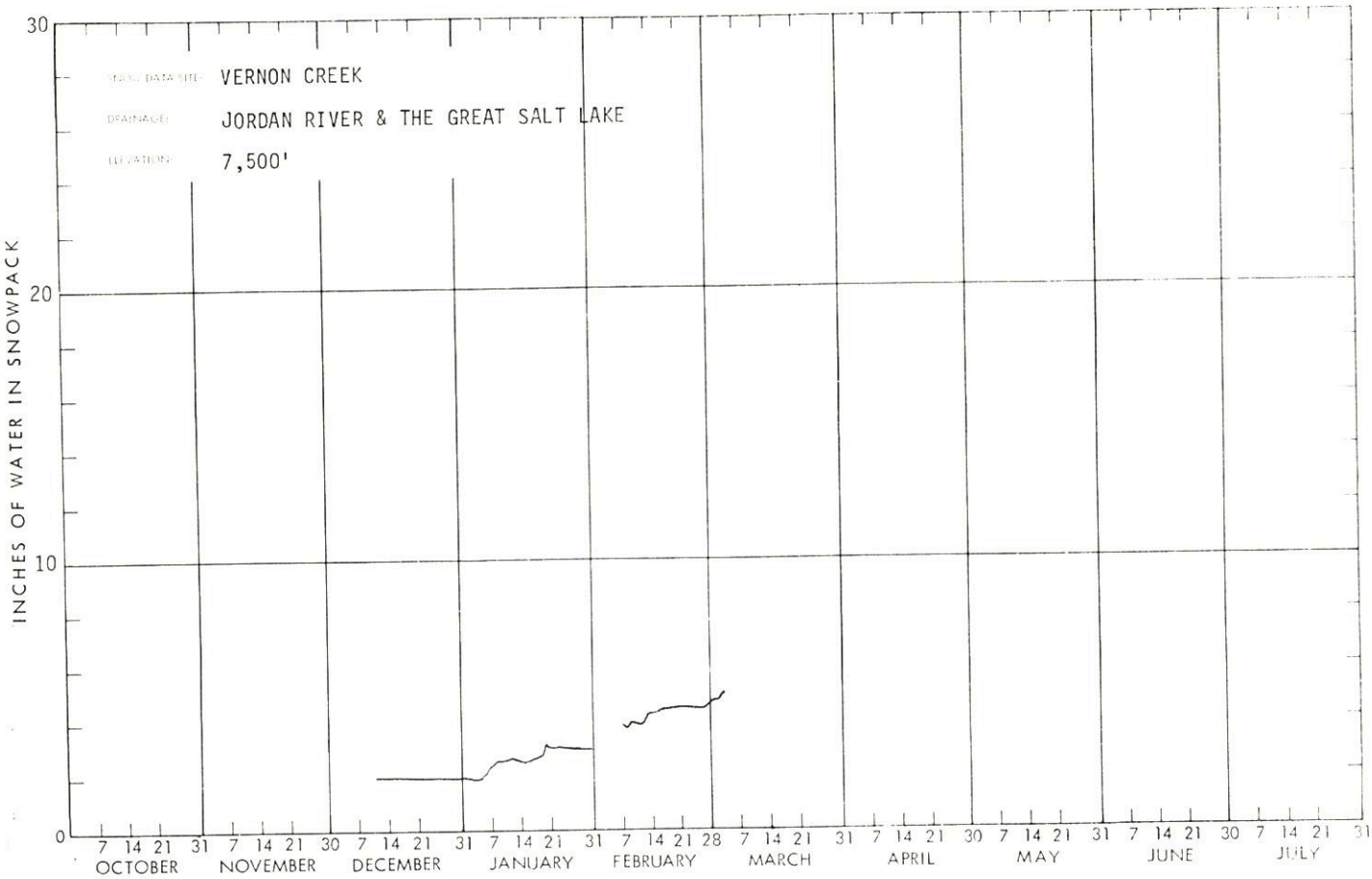
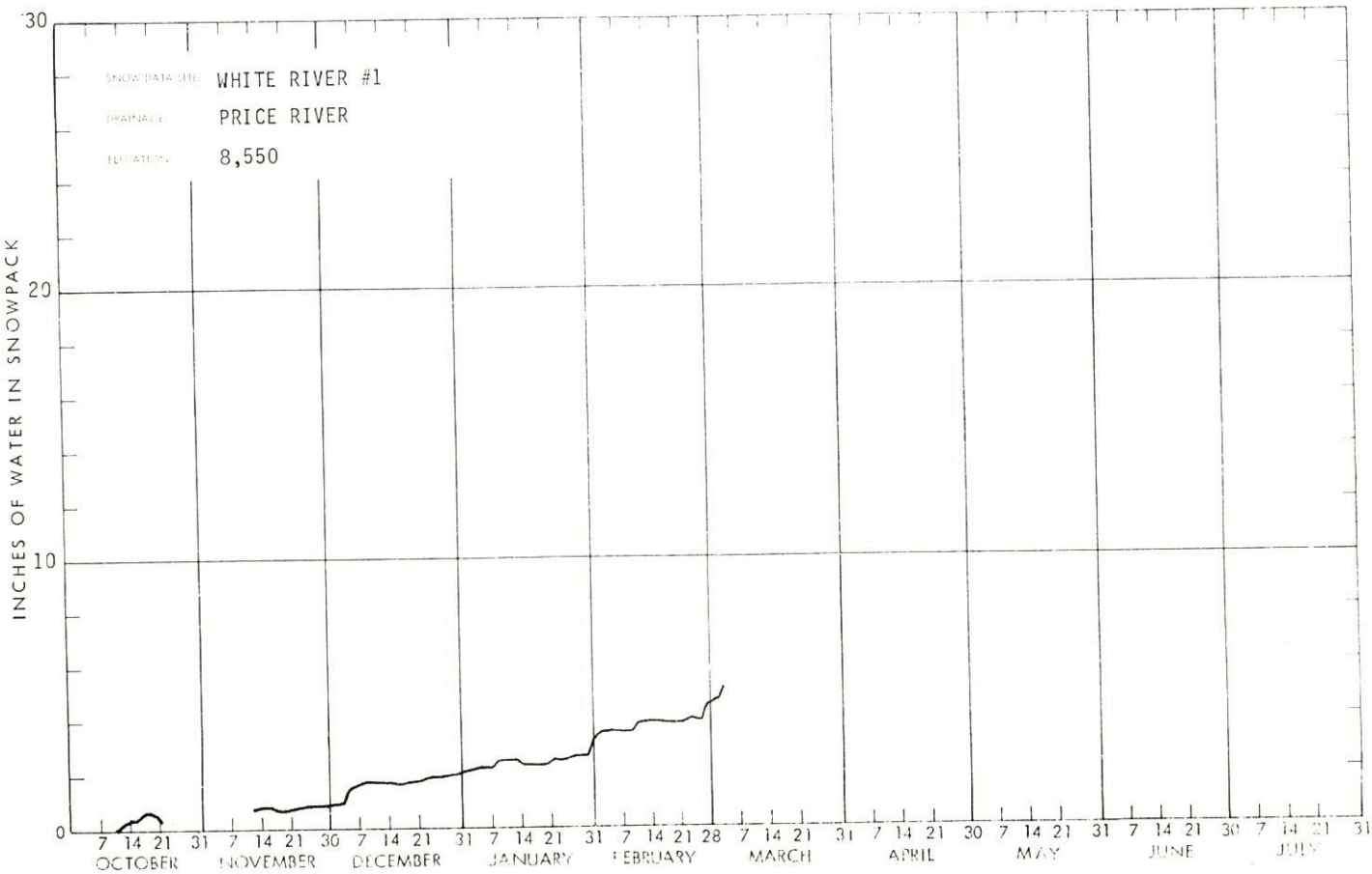
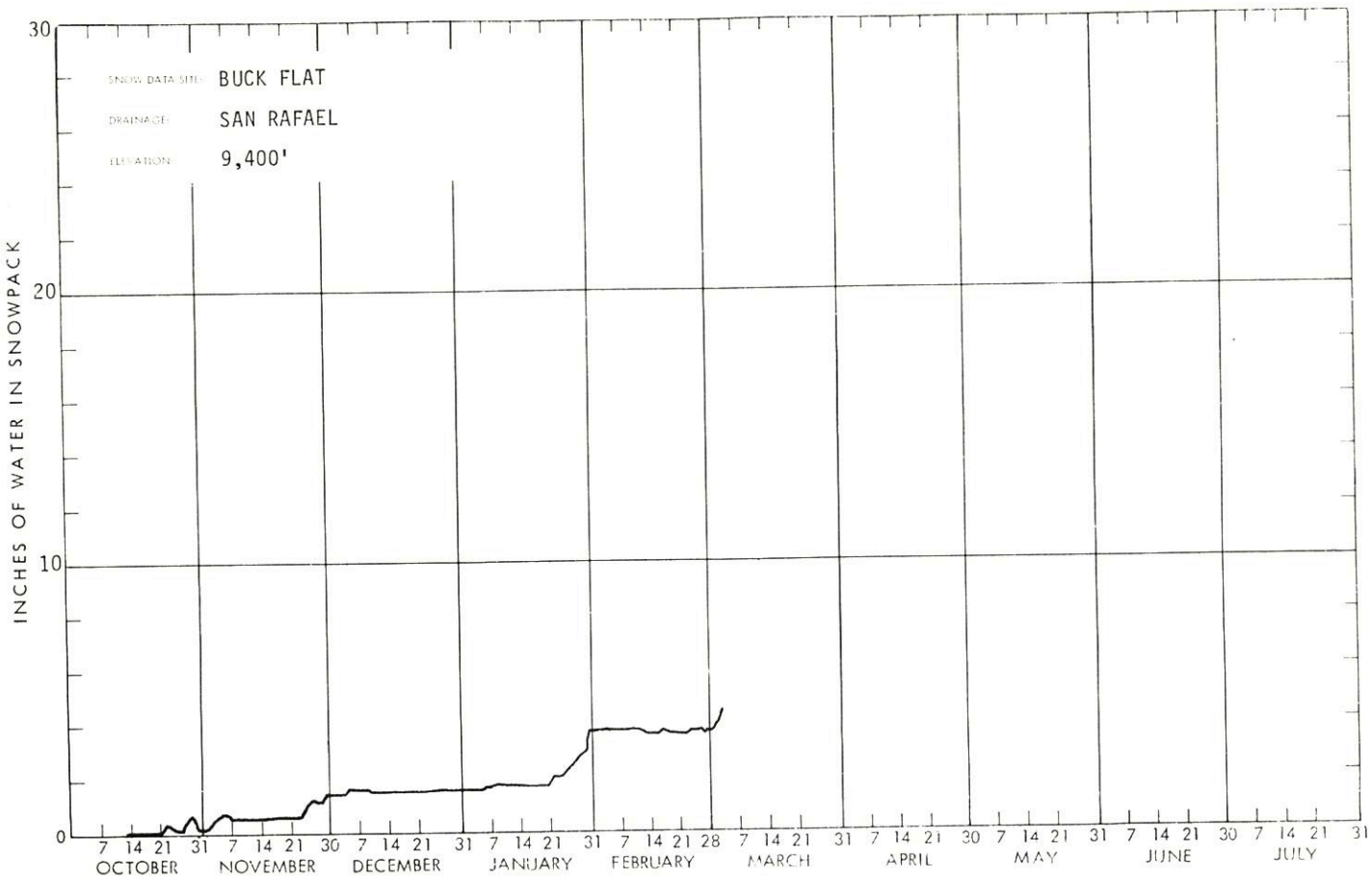
JUNE
JULY


SNOW DATA SITE CHEPETA-WHITEROCKS
DRAINAGE DUCHESNE RIVER
ELEVATION 10,350'
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

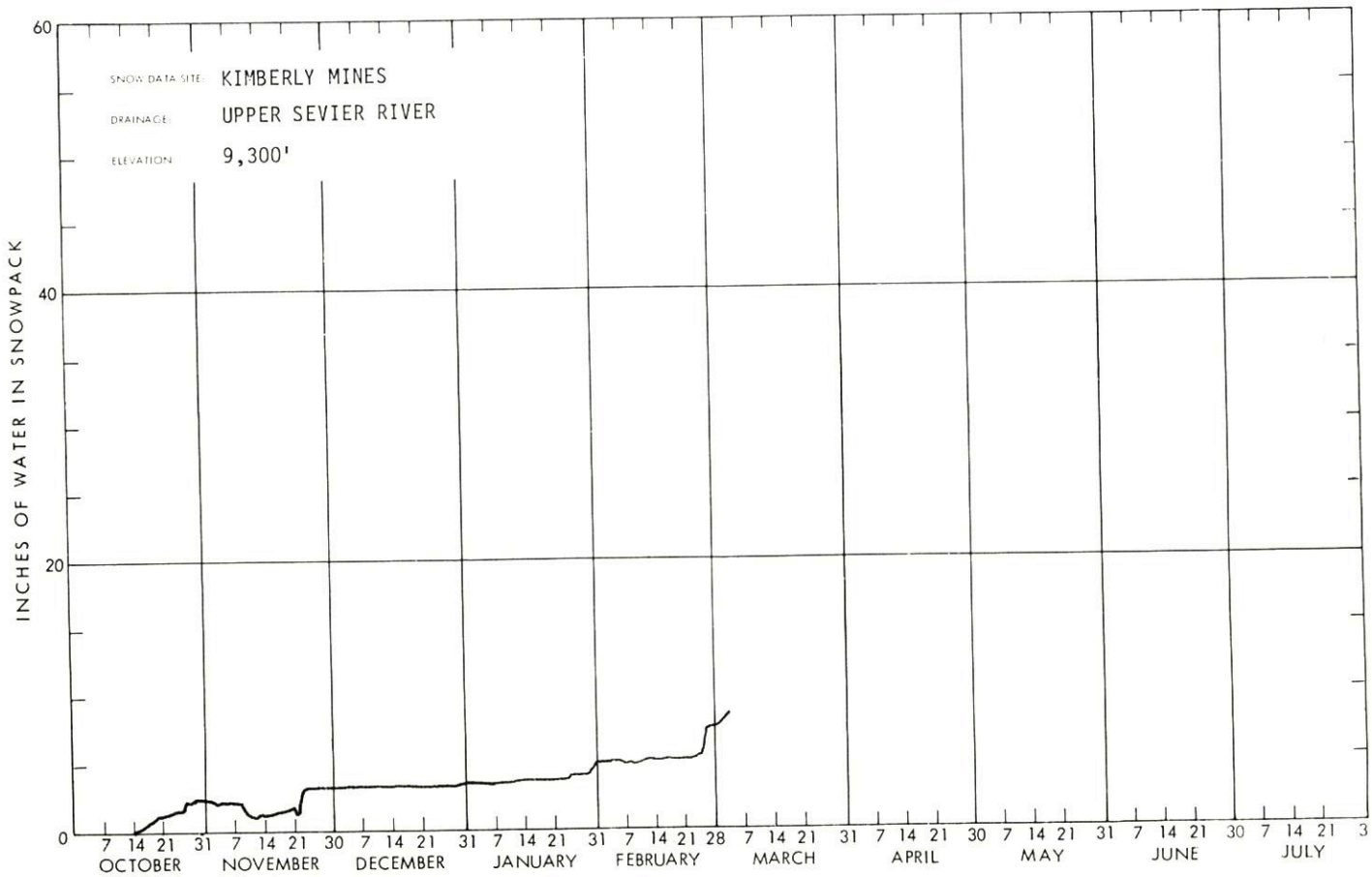

SNOW DATA SITE ROCK CREEK RANCH
DRAINAGE DUCHESNE RIVER
ELEVATION 7,900'
INCHES OF WATER IN SNOWPACK
60
40
20
0
7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 31 7 14 21 28 7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 30 7 14 21 31
OCTOBER NOVEMBER DECEMBER JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY

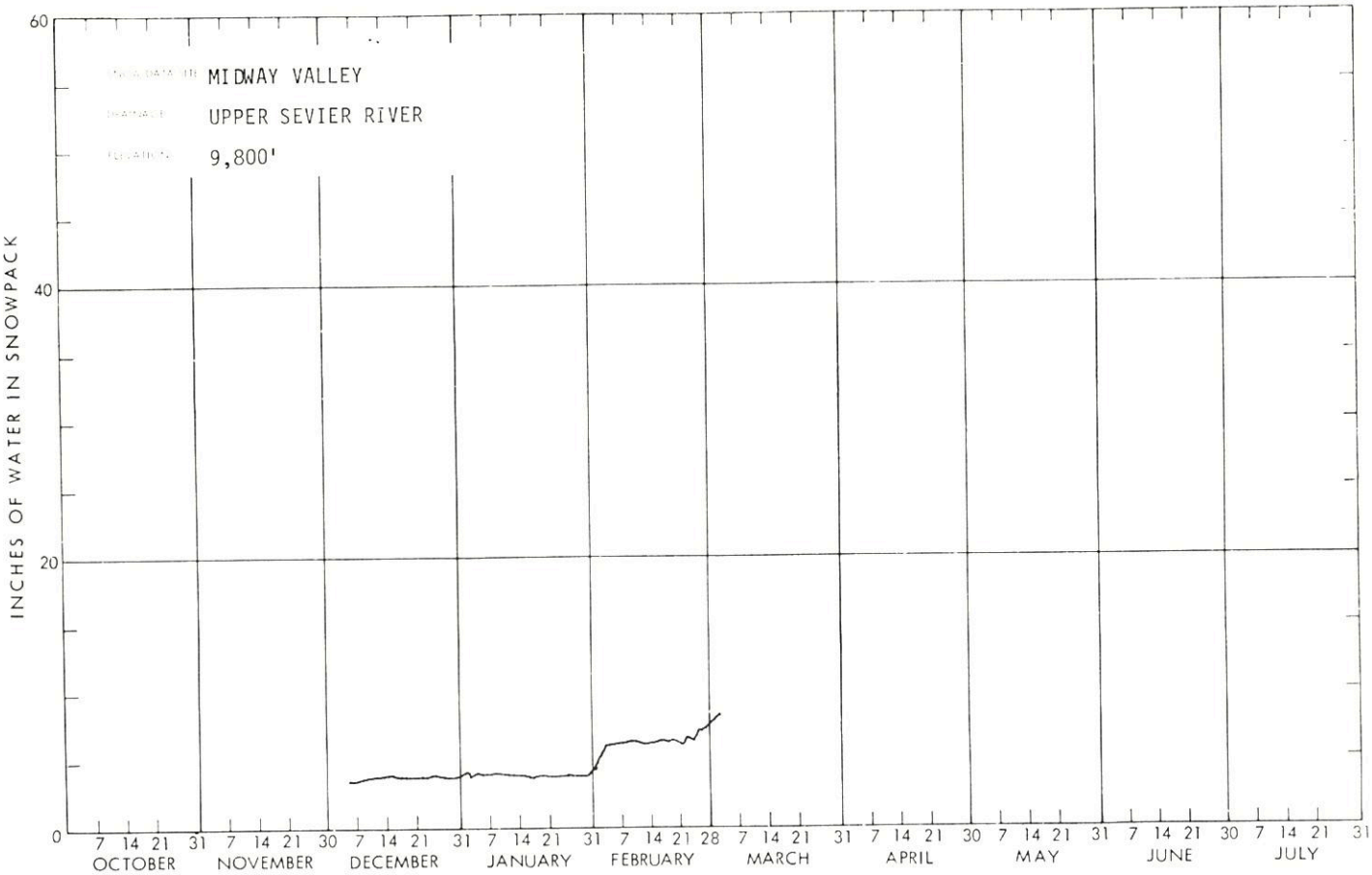

SNOW DATA SITE: VERNON CREEK
DRAINAGE: JORDAN RIVER & THE GREAT SALT LAKE
ELEVATION: 7,500'
INCHES OF WATER IN SNOWPACK
30
20
10
0
7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 31 7 14 21 28 7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 30 7 14 21 31
OCTOBER NOVEMBER DECEMBER JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY

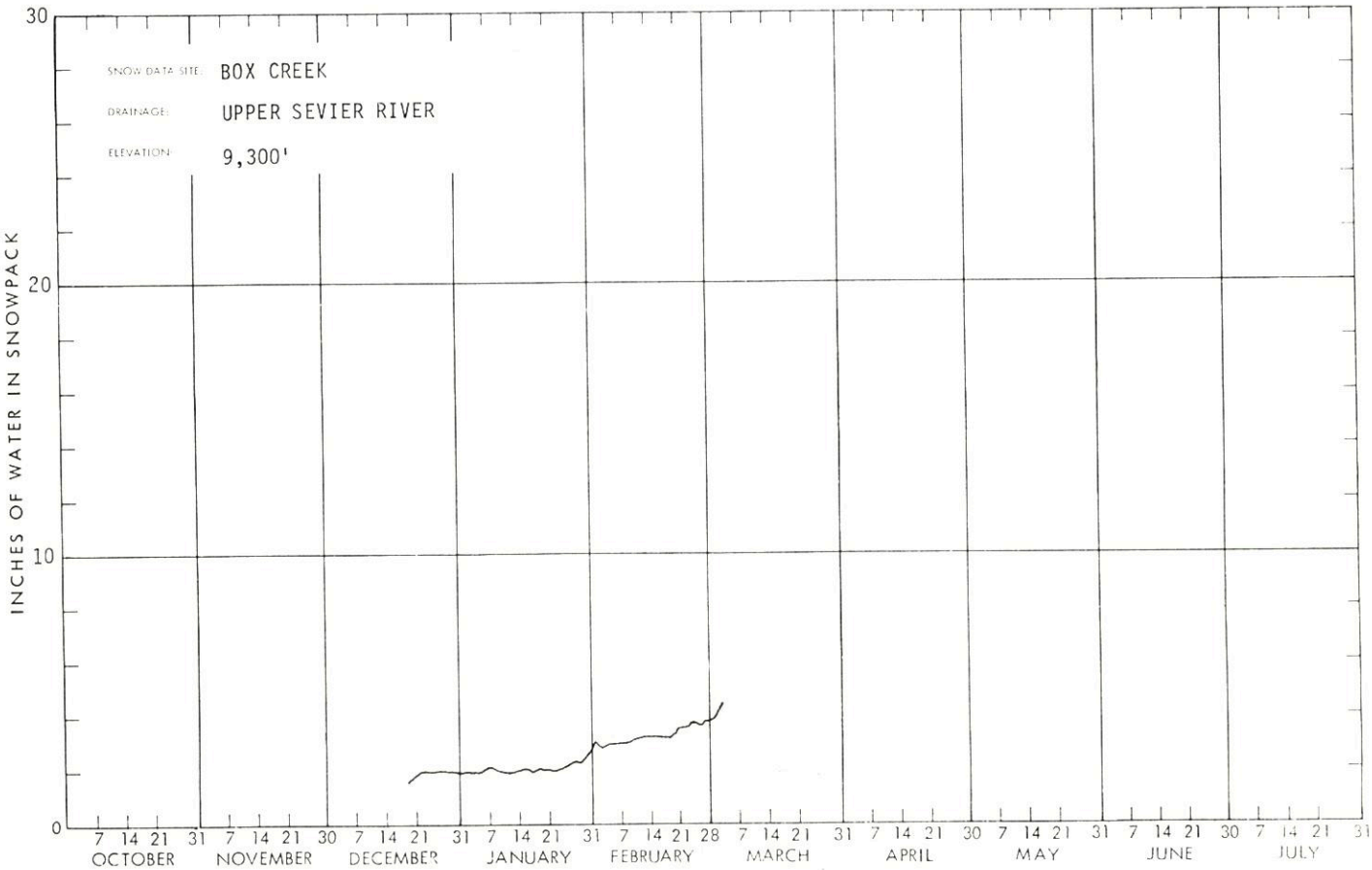

SNOW DATA SITE: WHITE RIVER #1
DRAINAGE: PRICE RIVER
ELEVATION: 8,550
INCHES OF WATER IN SNOWPACK
30
20
10
0
7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 31 7 14 21 28 7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 30 7 14 21 31
OCTOBER NOVEMBER DECEMBER JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY

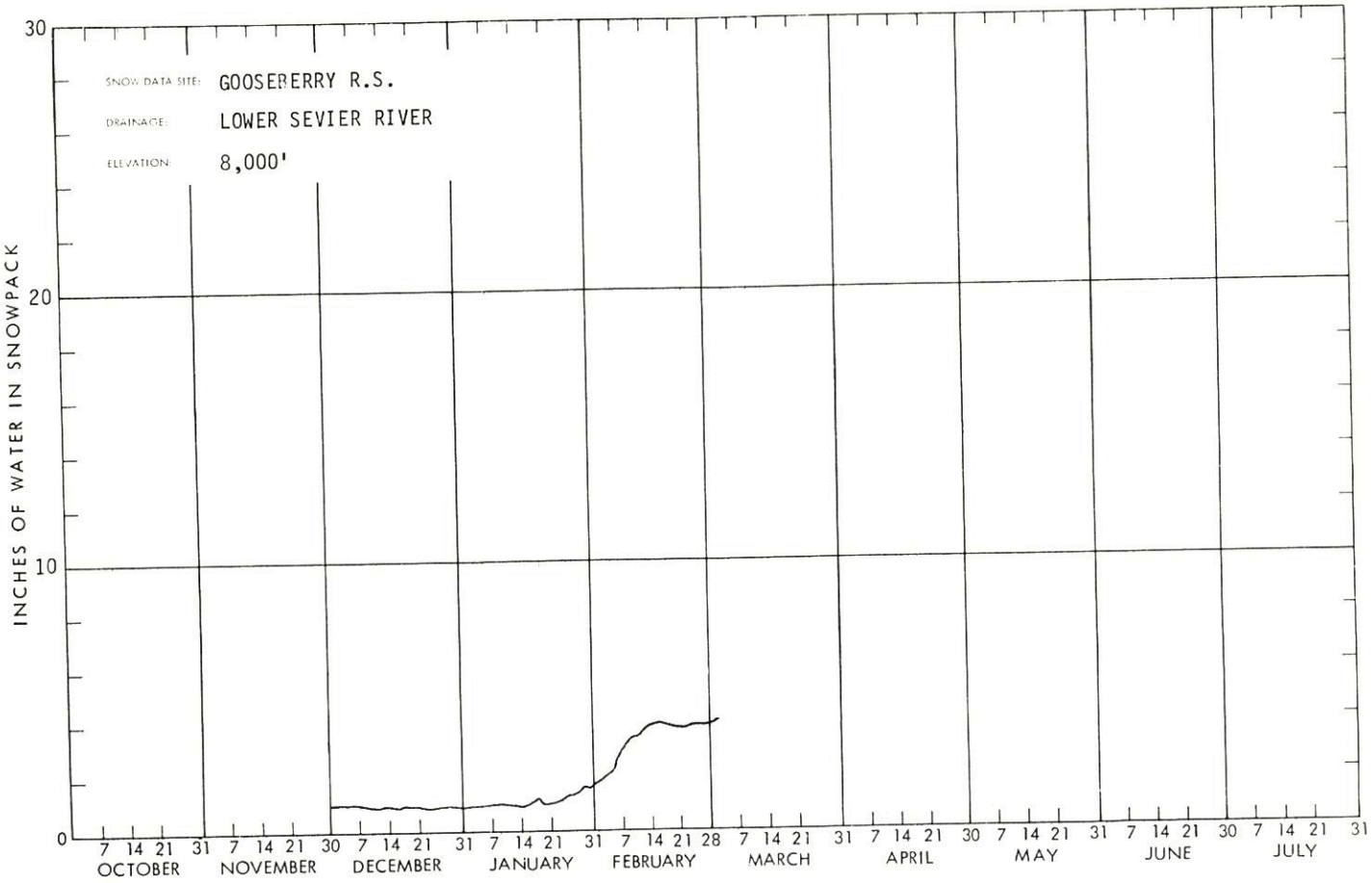

SNOW DATA SITE: BUCK FLAT
DRAINAGE: SAN RAFAEL
ELEVATION: 9,400'
INCHES OF WATER IN SNOWPACK
30
20
10
0
7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 31 7 14 21 28 7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 30 7 14 21 31
OCTOBER
NOVEMBER
DECEMBER
JANUARY
FEBRUARY
MARCH
APRIL
MAY
JUNE
JULY

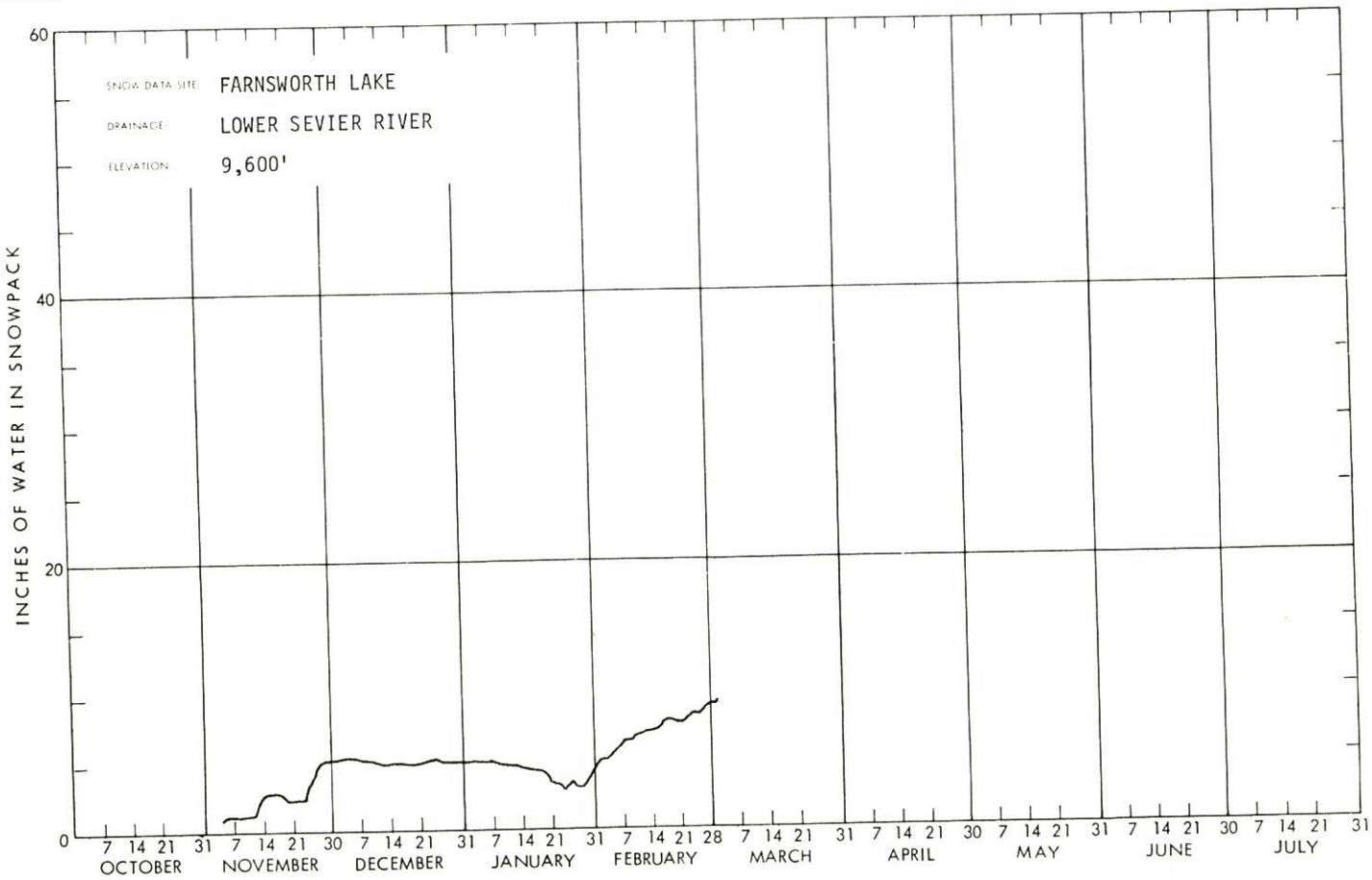
WSFB-X13C


SNOW DATA SITE: KIMBERLY MINES
DRAINAGE: UPPER SEVIER RIVER
ELEVATION: 9,300'
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 3
OCTOBER
NOVEMBER
DECEMBER
JANUARY
FEBRUARY
MARCH
APRIL
MAY
JUNE
JULY


MIDWAY VALLEY
UPPER SEVIER RIVER
9,800'
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:
BOX CREEK
DRAINAGE:
UPPER SEVIER RIVER
ELEVATION:
9,300'
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: GOOSEBERRY R.S.
DRAINAGE: LOWER SEVIER RIVER
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
OCTOBER
NOVEMBER
DECEMBER
JANUARY
FEBRUARY
MARCH
APRIL
MAY
JUNE
JULY


SNOW DATA SITE: FARNSWORTH LAKE
DRAINAGE: LOWER SEVIER RIVER
ELEVATION: 9,600'
INCHES OF WATER IN SNOWPACK
60
40
20
0
7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 31 7 14 21 28 7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 30 7 14 21 31
OCTOBER
NOVEMBER
DECEMBER
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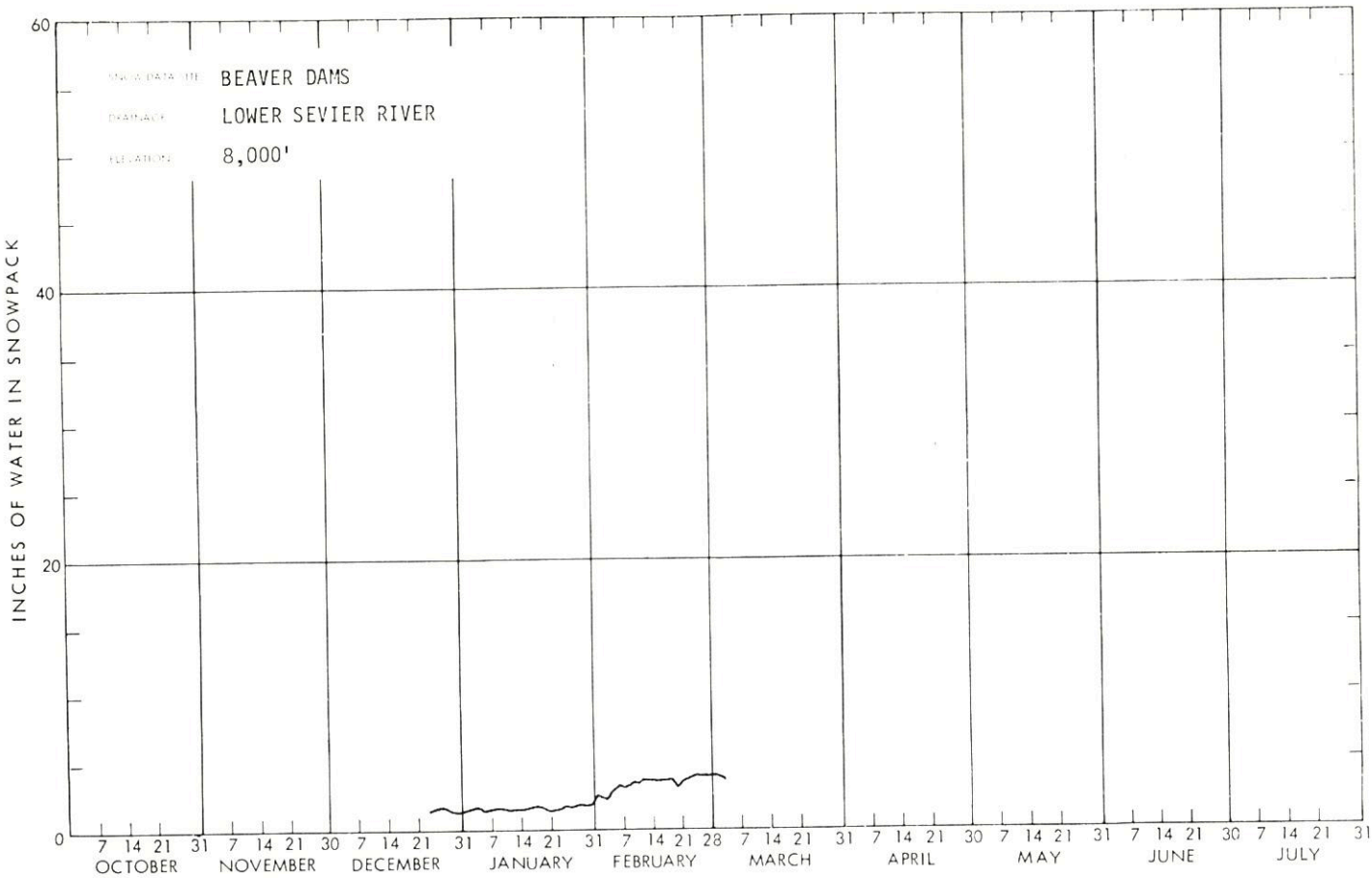
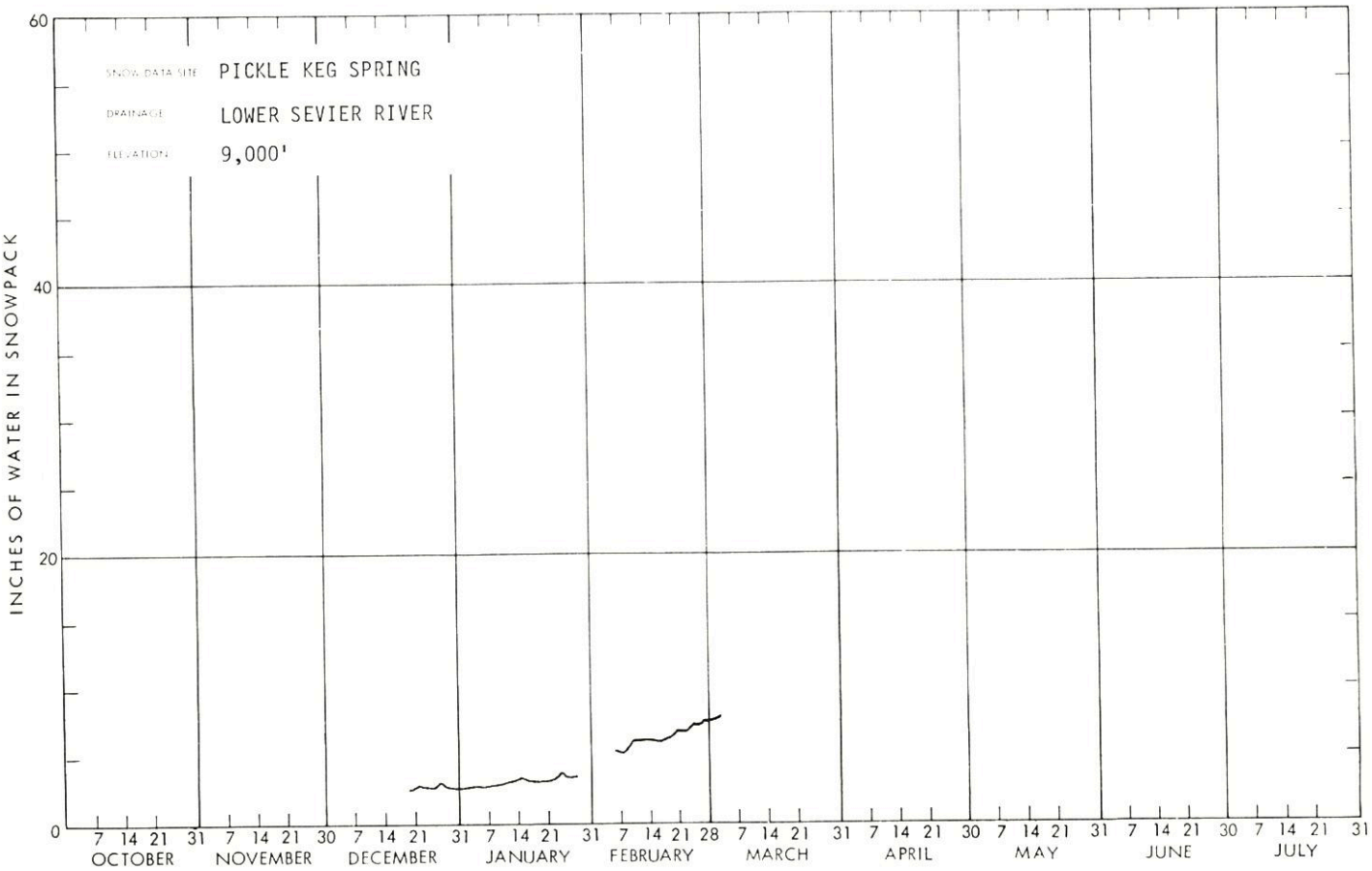
JUNE
JULY


SNOW DATA SITE BEAVER DAMS
DRAINAGE LOWER SEVIER 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
OCTOBER NOVEMBER DECEMBER JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY


SNOW DATA SITE PICKLE KEG SPRING
DRAINAGE LOWER SEVIER RIVER
ELEVATION 9,000'
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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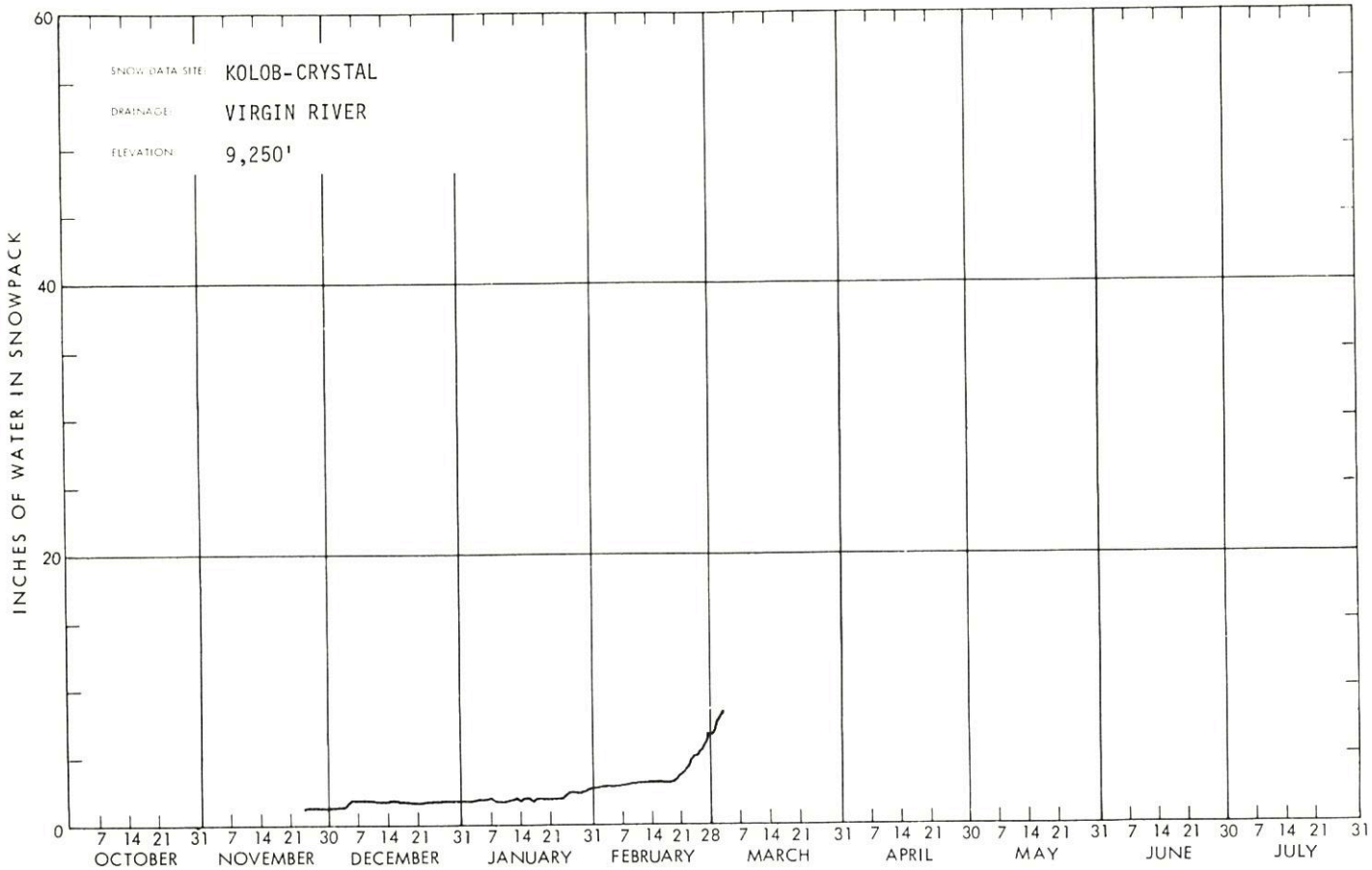

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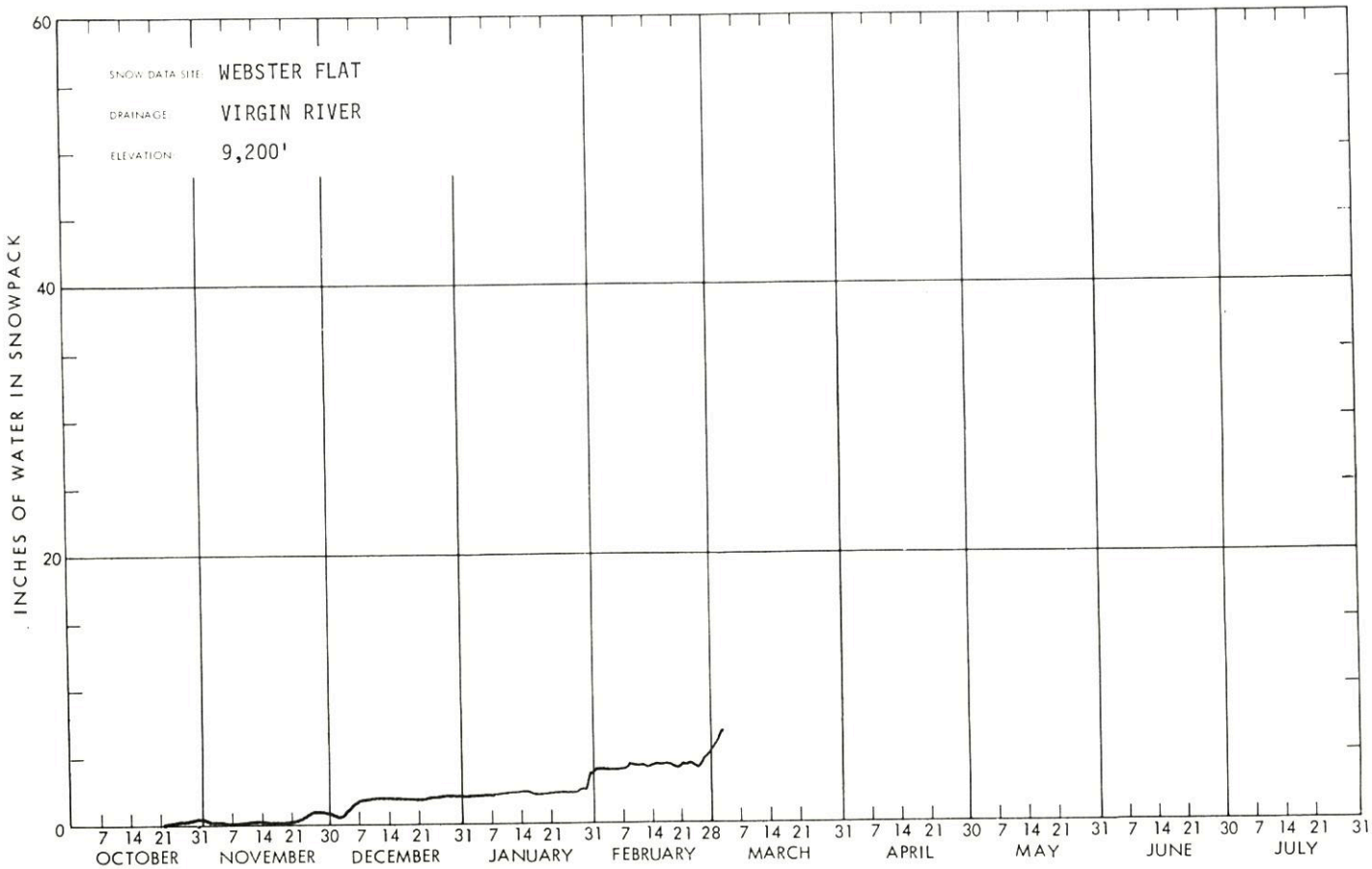

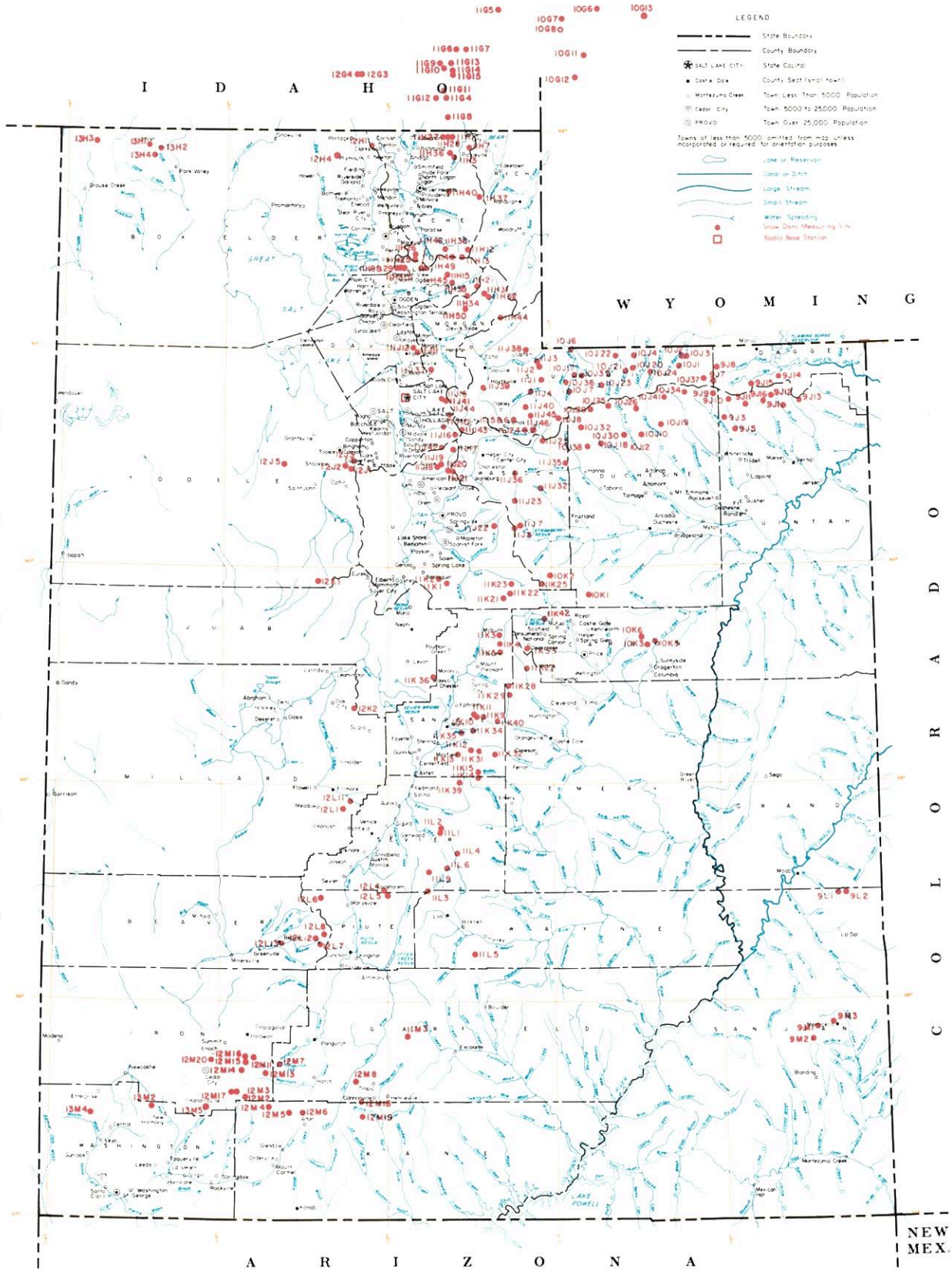

SNOW COURSES AND RELATED DATA MEASURING SITES

UTAH

1981

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

SCALE 1:1,750,000

ALBERS EQUAL AREA PROJECTION

USDA-SCS PORTLAND OR 1980 M7-01-42042

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
12LB	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

United States
Department of
Agriculture

Soil
Conservation
Service

Salt Lake City
Utah

WATER SUPPLY OUTLOOK FOR UTAH

in Cooperation with Utah State
Department of Natural Resources

April 1, 1981

WATER SUPPLY OUTLOOK FOR UTAH

and

FEDERAL - STATE - PRIVATE COOPERATIVE SNOW SURVEYS

Issued by

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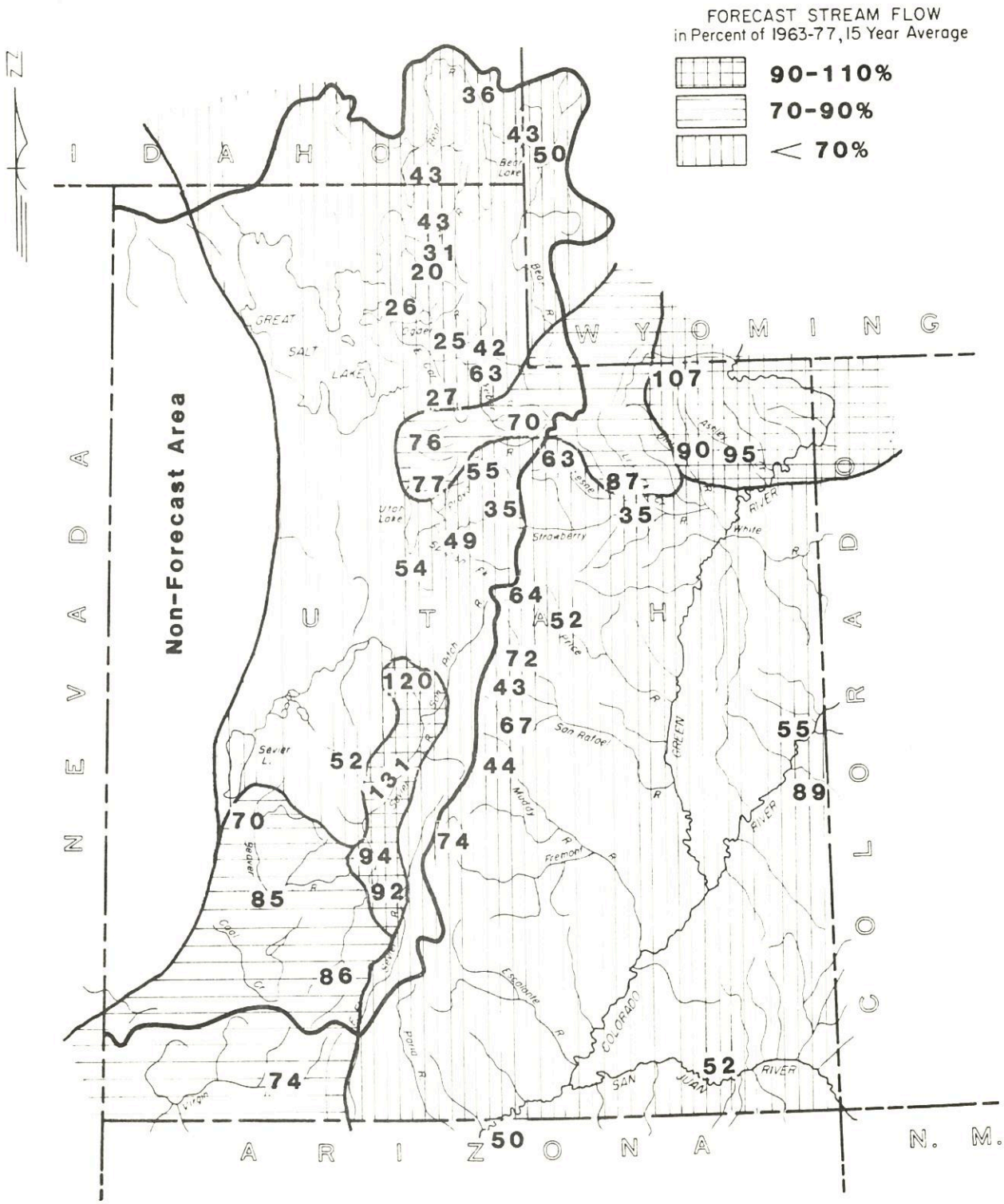
SNOW SURVEY SECTION
4420 FEDERAL BUILDING
SALT LAKE CITY, UTAH 84138

PROSPECTIVE WATER SUPPLIES

Based on Snow Surveys Made on UTAH and BEAR RIVER WATERSHEDS

April 1, 1981

Approximate Date



WATER SUPPLY OUTLOOK

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* * * * * * * * * * * * * * * * * * * * * * * * * * * *
* Utah's 1981 Water Supply Outlook ranges from "good"   *
* for those with reservoir water to "poor" for some     *
* depending on natural streamflow from areas with a well*
* below average snow pack.  Snow cover varies from 46 to*
* 108% of average.  Reservoir storage is 118% of average*
* statewide and streamflow forecasts now range from 20  *
* to 131% of the April-July average.                    *
* * * * * * * * * * * * * * * * * * * * * * * * * * * *
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SNOW COVER

Snow cover now ranges from 46% of the April 1 average on the Lower Bear River to 109% on the Uintah-Whiterocks Rivers.

Logan River snow cover is 47% of average, Ogden River 50%, Upper Bear 63%, Weber River 64%, Provo River 71% and Strawberry River 77%.

Salt Lake front drainages are 66% of average and Tooele Valley 80%.

Uintah Basin streams are 99% on Lakefork-Yellowstone, 102% on Ashley Creek, and 84% on Blacks Fork. Snow cover on Price River is 53% of average, San Rafael 59%, Muddy 65%, Fremont 74% and the head of the Escalante 105% of the April 1 average.

Sevier River snow cover ranges from 66% on the South Fork to 75% on the East Fork and 70% on the Lower Sevier and San Pitch.

Beaver River is 81%, Coal Creek 66%, and Virgin River 62% of average snow cover.

The Blue Mountains are 69% and the LaSal Mountains are 108% of the April 1 average.

PRECIPITATION

Precipitation at mountain stations ranged from 60 to 100% of average on the Lower Bear during March to 150 to 300% on the Uintahs and the rest of the state. The October-March totals now range from 40 to 70% of average on the Lower Bear to 60 to 116% in Uintah Basin. The rest of the state is mostly 50 to 90% of the 15 year average for the October-March period.

SOIL MOISTURE

Soil moisture under the snow pack is still drier than normal due to below average moisture prior to snow accumulation.

WATER SUPPLY OUTLOOK (continued)

RESERVOIR STORAGE

Reservoir storage in 26 of Utah's key irrigation reservoirs is now 118% of the 15 year average and 85% of capacity. All reservoirs are expected to fill except Pineview and Strawberry where very low inflow is forecast.

STREAMFLOW FORECASTS

Streamflow forecasts for the April-July period range from 14% of average on the Woodruff Creek to 131% on the Sevier for the inflow Sigurd to Gunnison.

Bear River is forecast 82% at Utah-Wyoming State Line, 58% at Woodruff, 41% at Randolph, and 36% at Harer, Idaho. Smiths Fork is forecast 50%, Thomas Fork 43%, Big Creek 16% and Woodruff Creek 14% of average, Cub River 43%, Logan River 43%, Blacksmith Fork 31% and Little Bear 20% of average.

Ogden River is forecast 21% for the South Fork and 26% for Pinview inflow. Weber River is forecast 70% at Oakley, 63% at Wanship, 54% at Coalville, and 39% at Gateway. East Canyon is forecast 27%, Lost Creek 25%, Chalk Creek 42%, Hardscrabble 45%, and Farmington Creek 55%.

Provo River is forecast 68% at Hailstone, 55% at Deer Creek Dam, and 68% for Utah Lake inflow. American Fork is forecast 77%, Hobble Creek 43%, Spanish Fork 49%, and Payson Creek 54% of the 15 year average.

Streams above Salt Lake City are forecast 45% for Emigration Creek to 79% for Little Cottonwood Creek. Tooele Valley forecasts range from 50% of average for Vernon Creek to 69% for South Willow Creek near Grantsville. Settlement Creek is forecast 55% of average.

Uintah Basin forecasts range from 35% of average on Strawberry River to 107% on Henrys Fork. Currant Creek is forecast 37%, Duchesne at Tabiona 64%, Rock Creek 73%, Lakefork 87%, Yellowstone 84%, Uintah 84%, Whiterocks 90% and Ashley Creek 95%.

Blacks Fork is forecast 85% and Flaming Gorge inflow 56% of the April-July average.

Price River is forecast 64% for Scofield inflow and 52% at Heiner. Huntington Creek is forecast 72%, Cottonwood 43%, Ferron Creek 57%, Muddy Creek 44%, and Seven Mile Creek 74% of the April-July average. Mill Creek above Moab is forecast 89%, San Juan near Bluff 52%, Colorado at Cisco 55% and Green River 54% of average.

Sevier River's forecast 76% at Hatch, 88% at Kingston, 120% at Gunnison, Salina Creek 43%, Clear Creek 62%, Oak Creek 50%, Chicken Creek 45%, Salt Creek 23%, and Chalk Creek 52% of average. Ephraim Creek is forecast 55% and Pleasant Creek 70% of the April-July average. Beaver River is forecast 85% at Beaver, and 70% for Minersville inflow. Coal Creek is forecast 72%, Santa Clara 45%, Virgin River 74% and Lake Powell inflow 50% of the April-July average.

WATER SUPPLY OUTLOOK (continued)

Water users with reservoir storage rights are expected to have a near average season - those depending on natural streamflow may have reduced water supplies by mid-summer.

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	1,067.4	1,036.2	1,039.5
	Woodruff Narrows	26.5	22.8	17.5e	23.8
	Birch Creek	2.2			
	Woodruff Creek	4.0			
Beaver River	Minersville (RkyFd)	23.3	23.9	20.5	14.9
Little Bear	Hyrum	15.3	14.2	10.3	12.4
	Porcupine	11.3	4.3	4.2	5.2
Ogden	Causey	6.9	4.7	2.7	2.5
	Pineview	110.1	65.9	77.1	55.8
Provo	Deer Creek	149.7	119.5	121.5	108.7
Settlement Creek	Settlement Creek	1.2	0.6	0.6	--
	Vernon Creek	0.6	0.6	0.6	--
Sevier River	Gunnison	18.2	18.2	18.2	16.5
	Otter Creek	52.5	52.5	52.5	37.3
	Piute	71.8	70.0	50.8	49.9
	Sevier Bridge	236.0	230.8	192.0	146.8
	Panguitch Lake	22.3	20.1		
Spanish Fork	Strawberry	270.0	220.2	168.5	156.9
Utah Lake	Utah Lake	883.9	881.0	835.7	752.0
Weber	East Canyon	48.1	39.6	35.1	29.0
	Echo	73.9	61.5	54.9	50.7
	Lost Creek	20.0	17.4	12.9	13.1
	Rockport	60.9	47.7	18.7	32.5
	Willard Bay	193.3	186.2	183.3	145.6
COLORADO RIVER BASIN					
Ashley Creek	Steinaker	33.3	28.0	16.7	23.4
Colorado	Blue Mesa	829.5	414.0	370.0	--
	Lake Powell	25,002.0	21,593.0	21,240.0	--
Green	Flaming Gorge	3,749.0	2,940.0	2,245.0	--
Lakefork	Moon Lake	35.8	18.2	10.5	19.6
Price River	Scofield	65.8	51.4	44.7	36.8
San Juan	Navajo	1,696.0	1,231.0	1,017.0	--
San Rafael	Huntington North	3.9	3.9	3.9	3.6
	Joe's Valley	54.6	36.8	35.7	38.0
	Mill Site	16.7	10.6	4.2	--
Strawberry	Starvation	165.3	152.3	49.6	127.6
Uintah	Bottle Hollow	11.3	11.3	11.1	10.6

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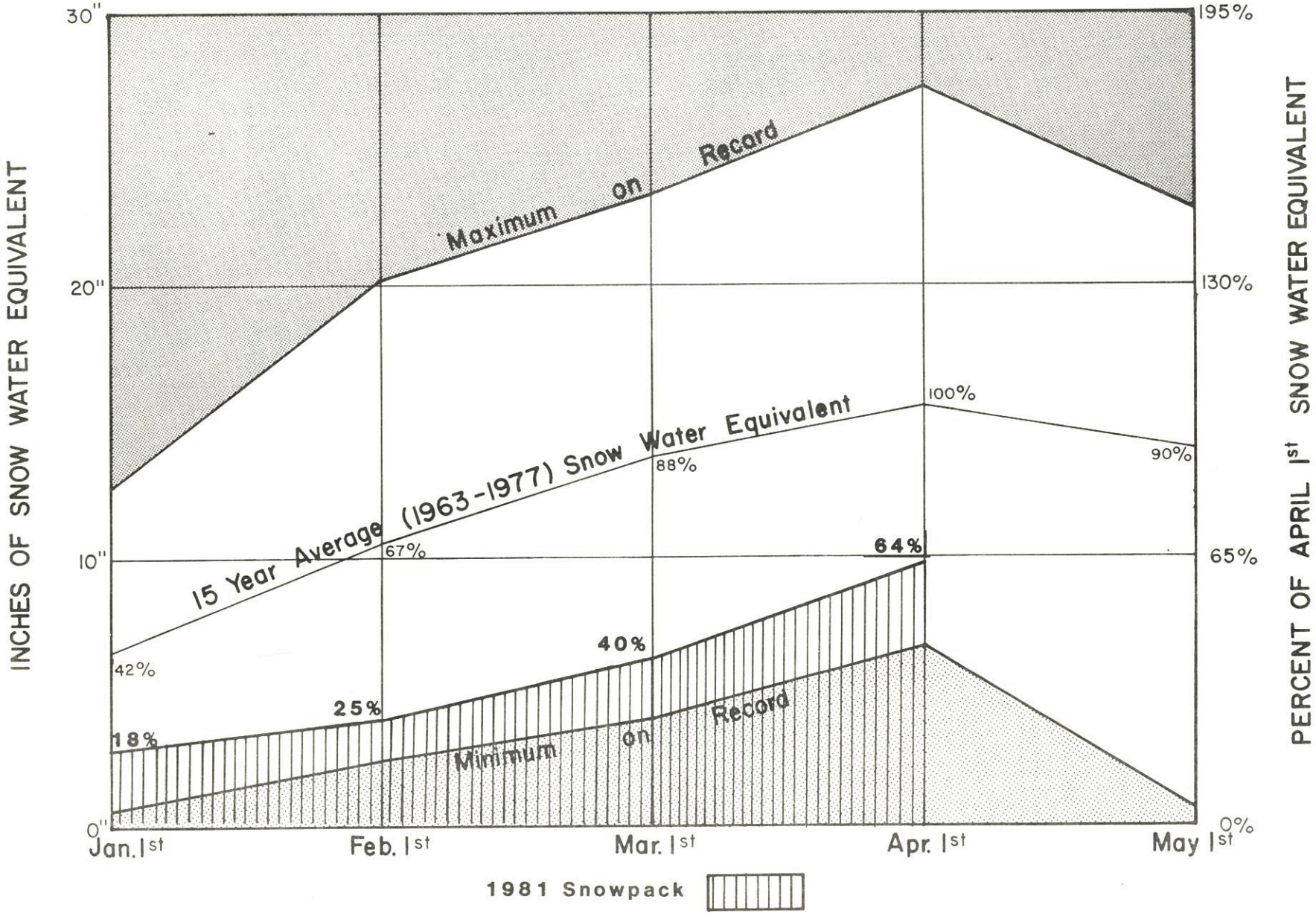
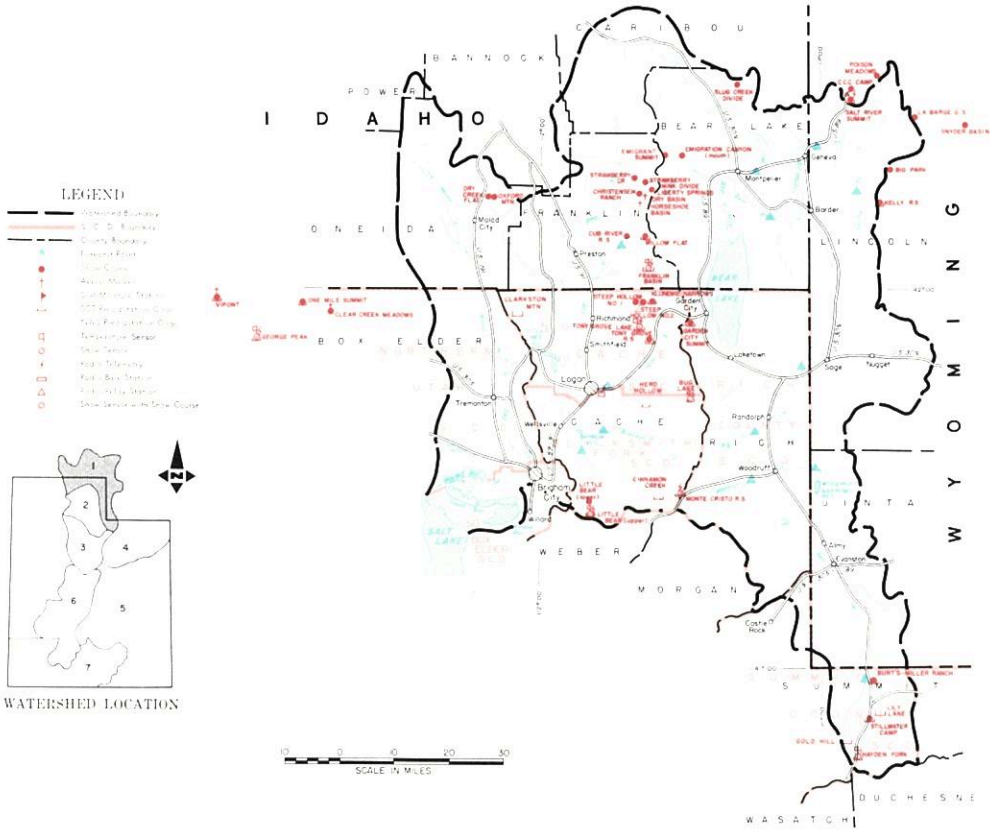
UTAH'S WINTER SNOWPACK

Data based on 79 selected snow courses



WATER SUPPLY OUTLOOK
BEAR RIVER BASIN in UTAH

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



APRIL 1, 1981

THE WATER SUPPLY OUTLOOK IS BELOW AVERAGE

SNOW COVER improved on the upper Bear this month and is now 63% of the April 1 average. The lower Bear is only 46% of average and Logan River is 47% of average. All three areas range from 39 to 51% of the snow water content on the ground at this time last year.

PRECIPITATION at mountain stations ranged from 74 to 99% of the March average and 46 to 93% for the October-March period.

SOIL MOISTURE under the snow is drier than normal and will soak up some melt water.

RESERVOIR STORAGE is near average in all reservoirs. Bear Lake is 103% (1,067,400 acre feet), Woodruff Narrows 96% (22,800 acre feet), Hyrum 115% (14,200 acre feet), and Porcupine 83% (4,300 acre feet).

STREAMFLOW FORECASTS range from 14% (2,600 acre feet) of average on Woodruff Creek to 82% (93,000 acre feet)for the Bear near Utah-Wyoming State Line. The Bear River is forecast 58% (86,000 acre feet) at Woodruff, 41% (49,000 acre feet) at Randolph and 36% (121,000 acre feet) at Harer, Idaho. Thomas Fork is forecast 43% (15,000 acre feet) and Smith's Fork 50% (60,000 acre

USDA-SCS PORTLAND, OR 1980 M7-OL-22027-1

feet). Logan River is forecast 43% (51,000 acre feet), Blacksmith Fork 31% (17,000 acre feet). Little Bear 20% (7,600 acre feet), and Cub River 43% (20,000 acre feet). Water users in this area without reservoir storage are expected to have water shortages by mid-summer.

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WATER SUPPLY OUTLOOK

WEBER-OGDEN WATERSHEDS in UTAH

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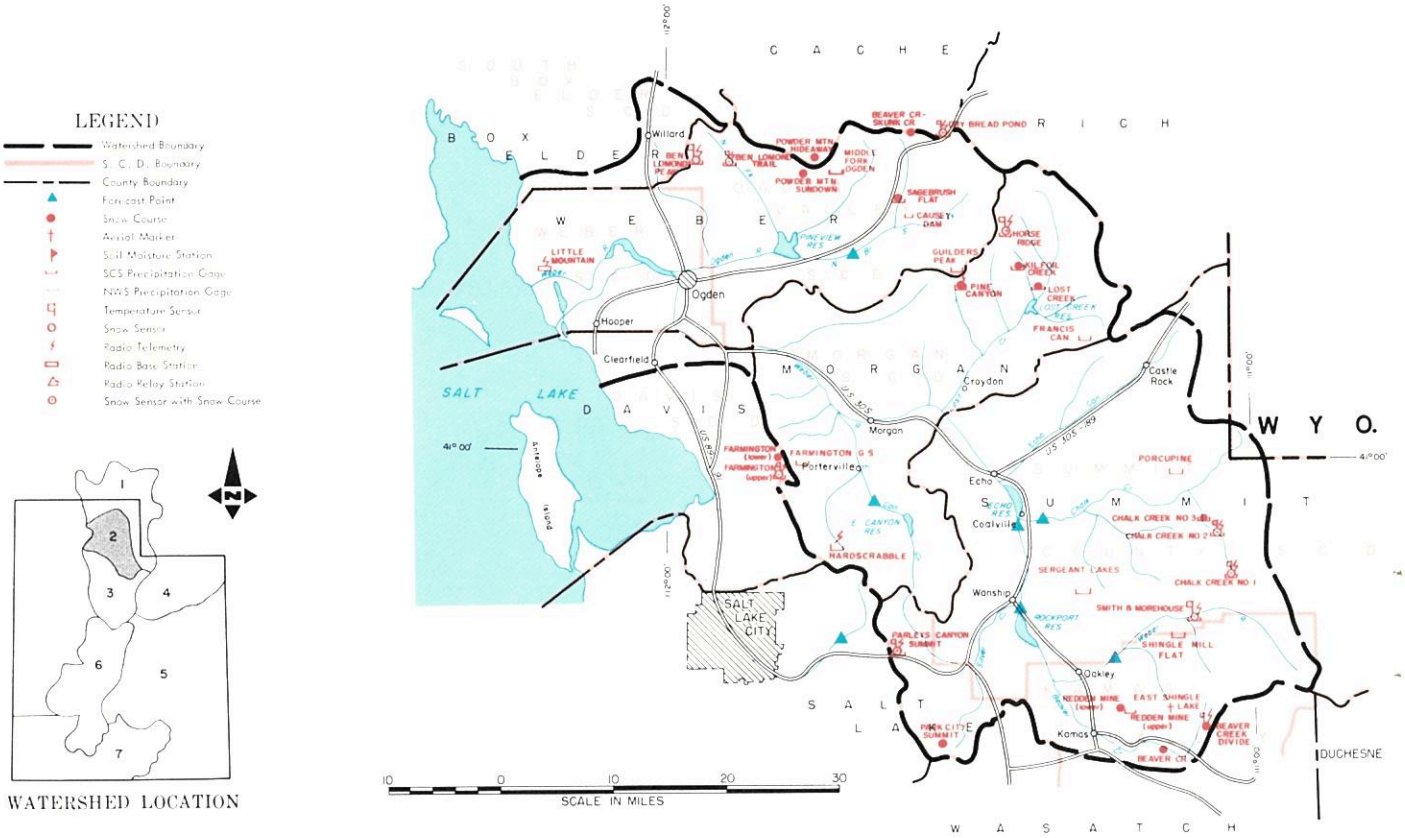

APRIL 1, 1981

THE WATER SUPPLY OUTLOOK IS BELOW AVERAGE

SNOW COVER as of the April 1st snow surveys indicate the Ogden River Basin at 50% of average and Weber Basin at 64%. The April 3rd SNOTEL update indicates good improvement by recent storms bringing the basin snow cover total up to about 73% of the April 1st average using only SNOTEL sites.

PRECIPITATION at mountain stations during March was the best it has been this year and ranged from 60 to 100% of average on the Ogden to 116 to 180% on the Weber Drainage. Heavy precipitation during March brought the October -March total up to around 50% on the Ogden and 70 to 100% on the Weber.

SOIL MOISTURE under the snow pack is still below average and is expected to reduce show melt streamflow.

RESERVOIR STORAGE is above average as a result of a good year last year. Pineview is 118% (65,900 acre feet) but is not expected to fill this year. Causey is 188% (4,700 acre feet) and Willard is 128% (186,200 acre feet). Rockport is 147% (47,700 acre feet), Echo is 121% (61,500 acre feet), East Canyon is 137% (39,600 acre feet) and Lost Creek is 133% (17,400 acre feet) and all are expected to fill.

USDA-SCS-PORTLAND, OR 1980 M7-OL-22027-2

STREAMFLOW FORECASTS now range from 21% (12,100 acre feet) for the South Fork of the Ogden to 70% (73,000 acre feet) for Weber at Oakley. Pineview Inflow is forecast 26% (30,000 acre feet). Ogden River forecasts are only a little better than 1977 low flows for the April-June period.

Other Weber River forecasts are as follows: Rockport Inflow 63% (71,000 acre feet), at Coalville 54% (67,000 acre feet), Chalk Creek 42% (16,600 acre feet), Echo Inflow 55% (88,000 acre feet), at Gateway 39% (121,000 acre feet), Lost Creek 25% (4,400 acre feet), and Hardscrabble (6,600 acre feet) 45% of the April-June average. Farmington Creek is forecast 4,500 acre feet (55%).

Water users in the area who rely on natural streamflow will have short water supplies by mid-summer. Reservoir water users will have a near average supply this year but should conserve as much water as possible to provide some carry over supply for next year.

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

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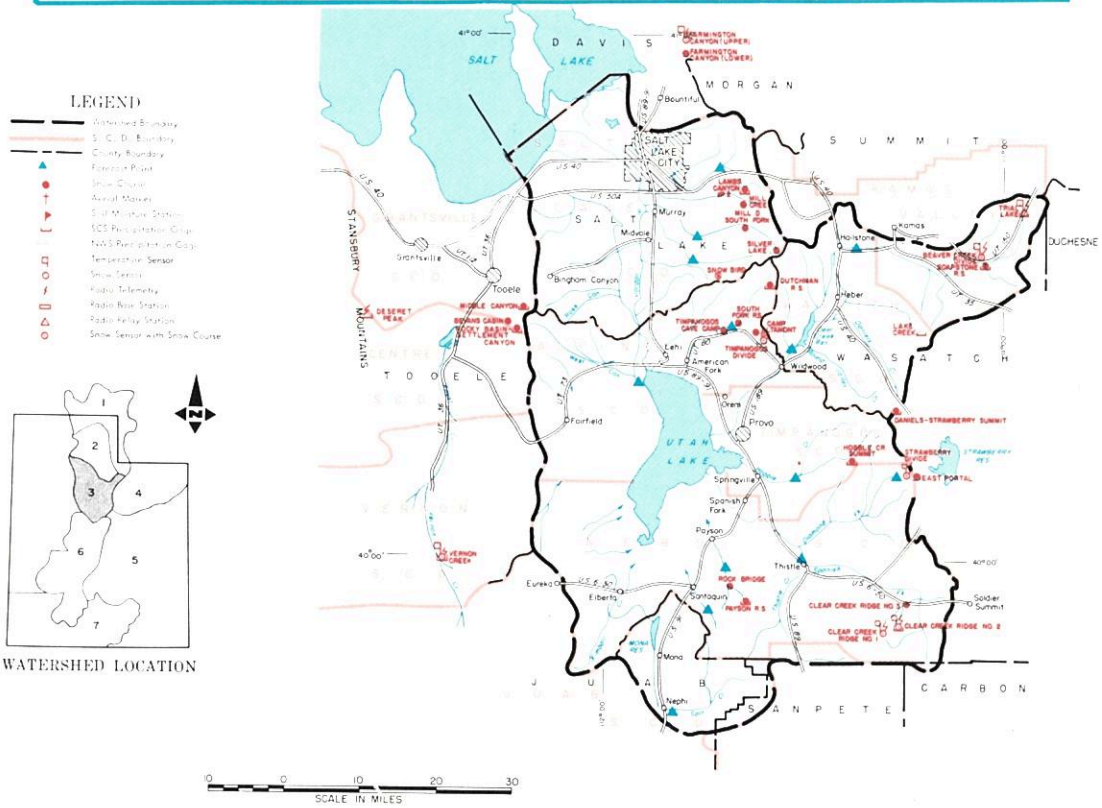

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THE WATER SUPPLY OUTLOOK IS BELOW AVERAGE

SNOW COVER now ranges from 66% along the Salt Lake front to 80% in Tooele Valley. Provo-Utah Lake drainage is now 71% of the April 1, 15 year average.

PRECIPITATION at mountain stations during March ranged from 92% of average at Hobble Creek Summit to 163% at Soapstone. March was the first above average month this season. The October-March total precipitation now ranges from 69% of average at Hobble Creek to 105% at Middle Canyon above Tooele.

SOIL MOISTURE under the snow pack is still drier than average although valley soils have improved with lower elevation rains.

RESERVOIR STORAGE is above average. Utah Lake is 117% (881,000 acre feet) -0.03 feet below compromise, Deer Creek 110% (119,500 acre feet), Strawberry 140% (220,200 acre feet), Settlement Creek 600 acre feet and Vernon Creek full at 600 acre feet. All reservoirs expected to fill except Strawberry where inflow forecasts are too low to make up the required storage.

USDA-SCS-PORTLAND OR 1980 M7-OL-22027-3

STREAMFLOW FORECASTS range from 35% (18,300 acre feet) for the inflow to Strawberry Reservoir to 79% (30,000 acre feet) for Little Cottonwood Creek.

The Provo is forecast 68% (69,000 acre feet) at Hailstone, 55% (66,000 acre feet) at Deer Creek Dam, and 68% (165,000 acre feet) for Utah Lake inflow. American Fork is forecast 77% (24,000 acre feet), Hobble Creek 43% (7,500 acre feet), Spanish Fork 49% (19,000 acre feet), and Payson Creek 54% (3,400 acre feet).

Streams along the Salt Lake front range from 45% (1,800 acre feet) for Emigration Creek to 79% for Little Cottonwood Creek. Big Cottonwood is forecast 76% (29,000 acre feet), Mill Creek 73% (4,600 acre feet), Parleys 55% (8,400 acre feet), and City Creek 53% (4,200 acre feet).

Tooele valley forecasts are 50% (500 acre feet) for Vernon Creek, 55% (1,200 acre feet) for Settlement Creek and a new forecast for South Willow Creek 69% (2,000 acre feet) for the April-July period.

Water users in this area depending on natural streamflow can expect water shortages by mid summer.

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WATER SUPPLY OUTLOOK

UINTAH BASIN and DAGGETT SCD's in UTAH

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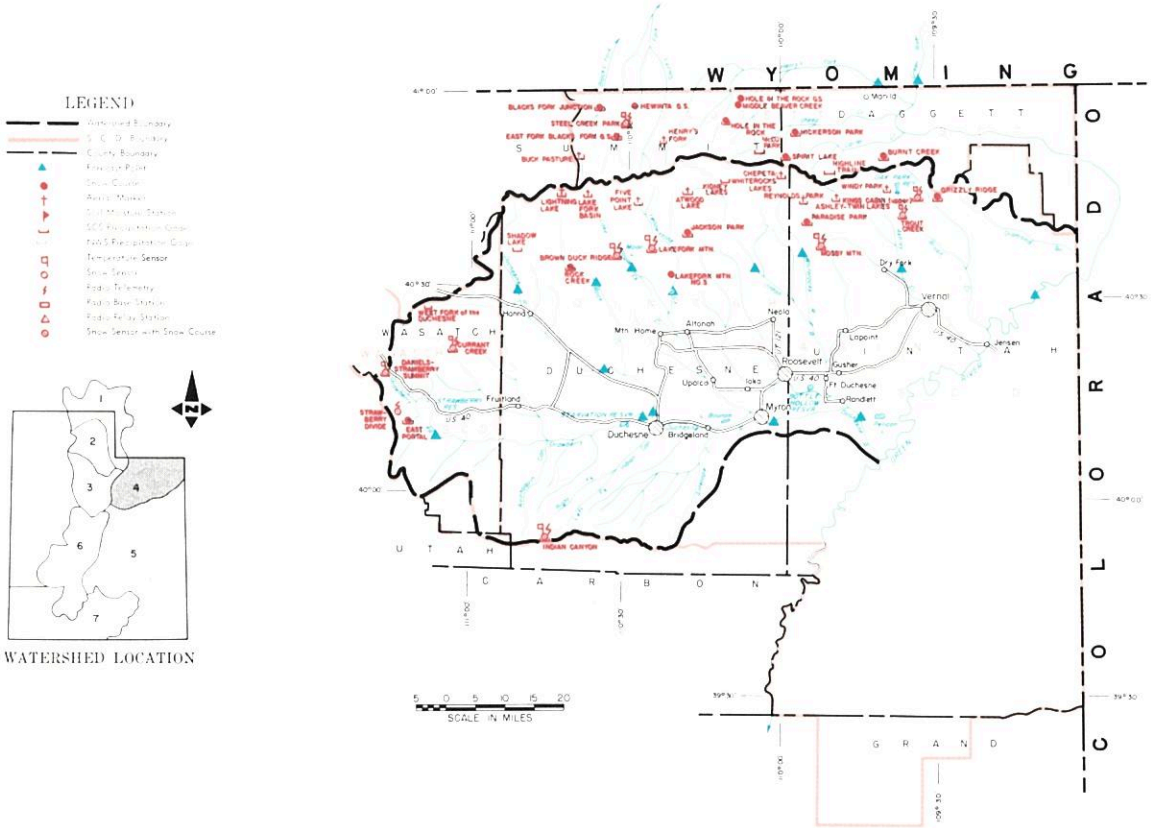

APRIL 1, 1981

THE WATER SUPPLY OUTLOOK IS BELOW AVERAGE

SNOW COVER improved during March and now ranges from 77% of average on Strawberry River to 109% on the Uintah-Whiterocks Rivers. Lakefork-Yellowstone drainages are 99% of the April 1 average, Blacks' Fork is 84% and Ashley Creek is 102% of the 15 year average. All basins are only 37 to 56% of last year at this time.

PRECIPITATION at mountain stations during March was above average at all stations but Currant Creek (84%). Other stations ranged from 150% at Blacks' Fork Junction to 308% at Moseby Mountain. These heavy amounts increased the October-March total to 59% at Currant Creek and 107% at Paradist Park.

SOIL MOISTURE under the snow pack is below average due to poor fall precipitation prior to snow accumulation.

RESERVOIR STORAGE is near or above average. Steinaker is 120% (28,000 acre feet), Moon Lake 93% (18,200 acre feet), Starvation 119% (152,300 acre feet), Bottle Hollow 107% (11,300 acre feet), and Flaming Gorge has 2,940,000 acre feet or a gain of about 700,000 acre feet over 6 years ago.

USDA-SCS PORTLAND, OR 1980 M7-OL-22027-4

STREAMFLOW FORECASTS range from 35% (20,000 acre feet) for Strawberry River to 107% (56,000 acre feet) for Henrys Fork a gain of 9 to 20% since March 1.

Other forecasts are as follows: Duchesne at Tabiona 64% (68,000 acre feet), 63% (121,000 acre feet) at Duchesne, 51% (108,000 acre feet) at Myton, and 50% (132,000 acre feet) at Randlette. Rock Creek is forecast 73% (69,000 acre feet), Currant Creek 37% (7,500 acre feet), Lakefork 87% (62,000 acre feet), Yellowstone Creek 84% (56,000 acre feet), Whiterocks 90% (54,000 acre feet), Uintah 84% (74,000 acre feet), Ashley Creek 95% (49,000 acre feet) and Blacks' Fork 85% (79,000 acre feet) for the April-July period.

Some water users without storage can expect water shortages by mid-summer.

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

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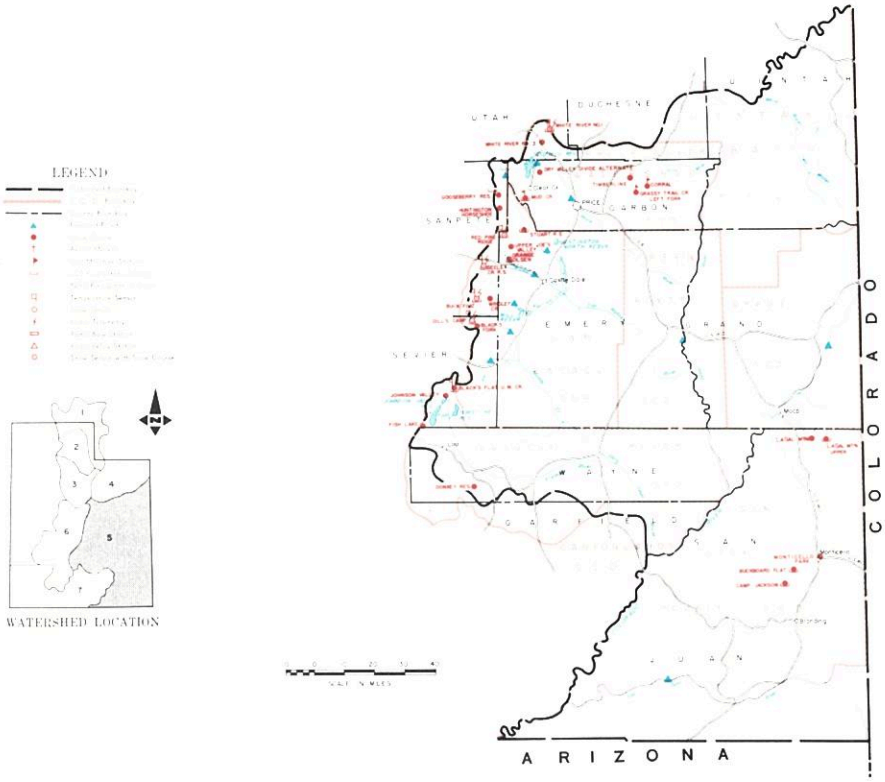

APRIL 1, 1981

THE WATER SUPPLY OUTLOOK IS BELOW AVERAGE

SNOW COVER is improved and now ranges from 53% of the April 1 average on Price River to 108% on LaSal Mountains above Moab. San Rafael snow cover is only 59%, Blue Mountains 69%, and Fremont River 74% of average. These areas have only 1/3 to 1/2 as much snow water as last year at this time.

PRECIPITATION at mountain stations during March ranged from 154% of average at Mud Creek on Price River to 220% at Camp Jackson on Blue Mountains above Blanding. The October-March total precipitation is still only 53 to 80% of average for the period, after an above average March.

SOIL MOISTURE under the snow pack is still drier than normal and is expected to soak up melt water.

RESERVOIR STORAGE is above average except at Joes Valley where it holds 97% (36,800 acre feet) of the 15 year average. Scofield now holds 140% (51,400 acre feet), Huntington 108% (3,900 acre feet), and Mill Site holds 10,600 acre feet as of April 1st.

USDA NRCS PRINT AND OR 1980 M7-OL-22027-5

STREAMFLOW FORECASTS improved 13 to 24% of average and now range from 43% (19,000 acre feet) on Cottonwood Creek to 89% (4,500 acre feet) for Mill Creek above Moab. Price River is forecast 60% (6,000 acre feet) for Gooseberry Creek, 64% (23,000 acre feet) for Scofield inflow, and 52% (33,000 acre feet) at Heiner for the April-July period. Huntington Creek is forecast 72% (33,000 acre feet), Ferron Creek 57% (19,400 acre feet), Muddy Creek 44% (7,400 acre feet), and Seven Mile Creek near Fish Lake 74% (4,700 acre feet).

The Colorado is forecast 55% at Cisco, Green River 54% at Green River, and the San Juan 52% near Bluff.

Water users in this area depending on natural streamflow are expected to have reduced water supplies by mid-summer.

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WATER SUPPLY OUTLOOK

SEVIER RIVER BASIN including BEAVER RIVER in UTAH

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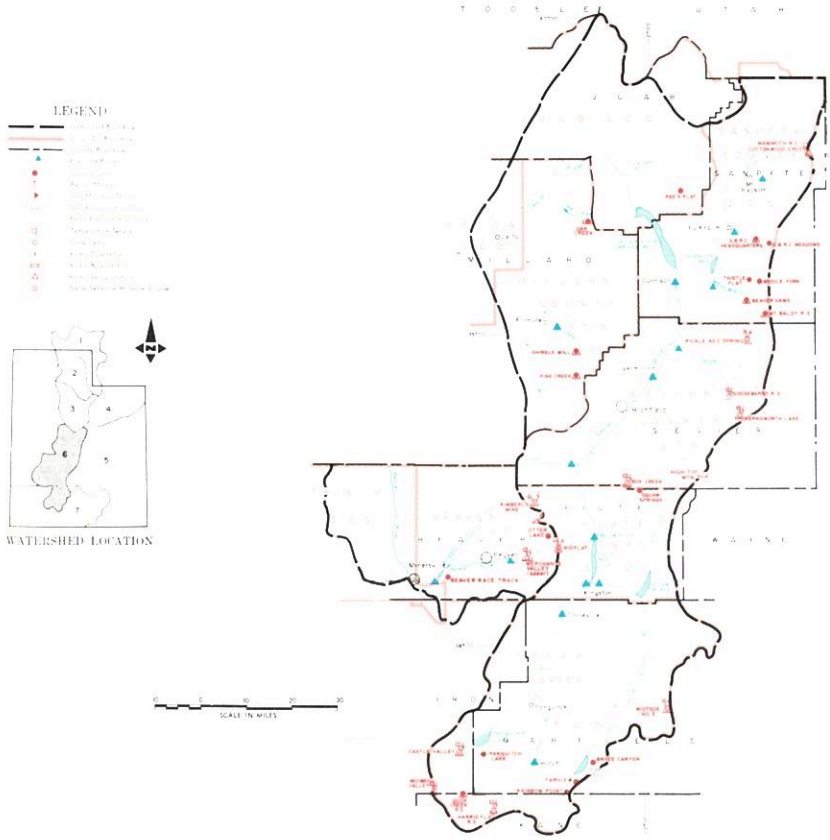

APRIL 1, 1981

THE WATER SUPPLY OUTLOOK IS AVERAGE TO WELL BELOW AVERAGE

SNOW COVER is much improved and now ranges from 67% of the April 1 average on the S. Fork of the Sevier to 81% on Beaver River. The E. Fork of the Sevier is 75% and the Lower Sevier 70% of average. All of these areas have 1/3 to about 1/2 as much snow water content as last year at this time.

PRECIPITATION at mountain stations during March ranged from near average at Pine Creek and Kimberly Mine to almost three times average for Panguitch Lake. The October-March total now ranges from 40% of average at Pine Creek to 98% at Panguitch Lake.

SOIL MOISTURE under the snow pack is still drier than average and is expected to soak up snow melt.

RESERVOIR STORAGE is well above average with all reservoirs full or expected to fill very soon.

USDA SCS PORTLAND OR 1977 117-OL-22027-6

STREAMFLOW FORECASTS range from 23% of average (2,800 acre feet) on Salt Creek near Nephi to 131% (34,000 acre feet) for the inflow Sigurd to Gunnison. Other Sevier River forecasts are as follows: 76% (31,000 acre feet) at Hatch, 86% (26,000 acre feet) at Circleville, 88% (20,000 acre feet) at Kingston, 92% (14,000 acre feet) for the East Fork, 94% (34,000 acre feet) below Piute Dam and 120% (60,000 acre feet) at Gunnison.

Clear Creek is forecast 62% (11,800 acre feet), Chalk Creek 52% (8,500 acre feet), Oak Creek 50% (700 acre feet), Chicken Creek 45% (1,400 acre feet), Ephraim Creek 55% (8,000 acre feet), Pleasant Creek 70% (5,900 acre feet) and Salina Creek forecast 43% (5,000 acre feet) for the April-July period.

Beaver River is forecast 85% (17,000 acre feet) at Beaver, 75% (10,300 acre feet) for North Creeks, and 70% (4,600 acre feet) for Minersville inflow.

Water users in this area with reservoir storage rights are expected to have a good water year. Those on natural streamflow are expected to have reduced water supplies by mid-summer unless a much wetter than normal spring occurs.

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WATER SUPPLY OUTLOOK

EAST GARFIELD, KANE, WASHINGTON and IRON COUNTIES in UTAH

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UTAH STATE DEPARTMENT OF NATURAL RESOURCES

APRIL 1, 1981

THE WATER SUPPLY OUTLOOK IS BELOW AVERAGE

SNOW COVER improved during March and ranges from 62% of average on Virgin River to 70% on Parawon Creek. The Enterprise-New Harmony areas is 63% and Coal Creek is 66% of the April 1 average. These areas have only 20 to 39% of the snow water on the ground at this time last year.

PRECIPITATION at mountain stations ranged from 46% of average at Little Grassy during March to 203% at Webster Flat. The October-March total precipitation now ranges from 63 to 85% of average.

SOIL MOISTURE under the snow pack is still drier than average and is expected to soak up snow melt.

RESERVOIR STORAGE is reported as good.

STREAMFLOW FORECASTS now range from 45% (3,600 acre feet) for the Santa Clara near Pine Valley to 74% (36,000 acre feet) for the Virgin near Hurricane. Coal Creek is forecast 72% (12,000 acre feet), and Lake Powell inflow 50% (3,500,000 acre feet) for the April-July period.

USDA-SCS-PORTLAND, OR 1980 M7-OL-22027-7

Water users depending on natural streamflow are expected to have reduced water supplies by mid-summer in this area.

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SNOW	THIS YEAR			PAST RECORD		PRECIPITATION (Inches)					
DRAINAGE BASIN and/or SNOW COURSE NAME	Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Water Content (Inches) Last Year	Water Content (Inches) Average †	CURRENT INFORMATION Date of Reading	CURRENT INFORMATION Month's Precipitation	CURRENT INFORMATION Average †	FROM APPROX. OCT. 1 TO DATE This Year	FROM APPROX. OCT. 1 TO DATE Average †	FROM APPROX. OCT. 1 TO DATE Percent of Average
GREAT BASIN											
UPPER BEAR RIVER (Above Harer, Idaho)											
Burts-Miller Ranch	3/29	29	7.0	9.3	6.1	3/29	3.89	--	11.10	12.00b	93
CCC Camp	3/30	31	7.5	13.6	13.4						
Hayden Fork	3/29	47	12.5	23.0	15.9	3/29	5.56	--	15.94	20.06b	79
Monte Cristo R.S.	3/25	38	12.3	31.1	25.9	3/25	3.70	4.68	13.83	25.95	53
Salt River Summit	3/30	38	8.8	16.4	16.9	3/30	2.19	2.97	9.75	17.23	57
Stillwater Camp	3/29	37	7.9	15.7	11.3b	3/29	4.20	--	--	12.39	--
Lily Lake	3/29	53	10.8	18.4	--	3/29	4.63a		13.66a		
LOWER BEAR RIVER (Below Harer, Idaho)											
Bug Lake	3/25	31	8.9	24.8	20.7a	3/25	1.63a		10.77a		
Cub River R.S.	3/26	9	3.2	10.4	6.9						
Emigrant Summit	3/30	43	12.6	27.6	26.0						
Franklin Basin	3/26	49	14.4	32.1	28.2	3/26	4.00a	--	16.72a	--	
Garden City Summit	3/25	24	7.1	21.1	18.5						
Klondike Narrows	3/25	30	9.9	25.9	20.7	3/25	2.65	4.25b	11.09	23.85b	46
Little Bear (lower)	3/25	7	2.2	12.6	9.9						
Little Bear (upper)	3/25	17	6.4	16.7	12.9	3/25	2.50a	2.91b	12.46a	18.13b	69
Slug Creek Divide	3/30	33	9.0	19.5	18.0						
Steep Hollow #1	3/25	68	19.0	42.2	38.0						
Steep Hollow #2	3/25	44	14.3	31.8	27.0						
Tony Grove Lake	3/25	54	15.5	41.0	35.0a	3/25	4.13a	4.16b	16.11a	--	
Tony Grove R.S.	3/25	12	3.5	14.0	11.9	3/25	2.19	2.85b	9.07	--	
Willow Flat	3/26	18	6.6	20.4	14.8	3/26	3.06	4.04	12.77	22.89	56
OGDEN RIVER											
Beaver Creek-Skunk Creek	3/25	12	4.1	18.3	12.0						
Ben Lomond Peak	3/25	61	18.8	56.5	34.1			6.17b		47.13b	
Ben Lomond Trail	3/25	23	8.4	27.8	16.2b	3/25	3.77	3.76b	13.74	28.74b	48
Causey Dam	3/25	0	0.0			3/25	1.84	2.31b	6.89	14.22	48
Dry Bread Pond	3/25	25	9.4	29.5	18.9	3/25	2.50a	3.88b	10.40a	20.84	50
Sagebrush Flat	3/25	0	0.0	4.9	2.0	3/25	1.57	2.28b	6.45	14.35	45
WEBER RIVER											
Beaver Creek R.S.	3/29	19	5.4	14.9	7.2						
Chalk Creek #1	3/29	66	16.7	30.2	22.4	3/29	6.06a	3.40b	18.74	17.70	106
Chalk Creek #2	3/29	52	12.3	19.3	15.6	3/29	4.13a	3.11b	13.13a	16.17b	81
Chalk Creek #3	3/29	26	7.2	11.9	7.5	3/29	4.22	2.68b	12.45	13.94b	89
Farmington Canyon (lower)	3/25	59	17.5	34.0	22.4b	3/25	7.76	5.23b	19.57	27.63	71
Farmington Canyon (upper)	3/25	67	20.5	43.1	30.8						
Farmington G.S.	3/25	54	16.0			3/25	7.38	5.49	20.34	29.01	70
Horse Ridge	3/25	34	10.6	27.3	21.9b	3/25	3.90	4.24b	12.03	23.64	51
Kilfoil Creek	3/25	30	8.0	22.7	13.5b						
Lost Creek Reservoir	3/25	0	0.0	--	2.0b	3/25	2.27	--	11.33	--	
Park City Summit	3/31	62	18.2	29.5	--						
Parley's Canyon Summit	3/26	44	12.0	23.5	18.5	3/25	4.73	4.07	15.82	22.55	70
Redden Mine (lower)	3/29	44	12.6	24.1	18.0	3/29	4.78		14.05		
Smith & Morehouse	3/29	39	9.4	18.3	12.9	3/29	5.20	3.04	16.21	17.75	91
PROVO RIVER & UTAH LAKE											
Beaver Creek Divide	3/29	28	8.4	20.1	10.8a	3/29	4.25a		9.90a		
Camp Altamont	3/25	34	12.6	28.2	13.4						
Clear Creek Ridge #1	3/30	46	10.7	27.2	18.2			5.40b		21.20b	
Clear Creek Ridge #2	3/30	40	10.0	21.3	13.6	3/30	3.95	2.71b	11.75	16.06b	73
Clear Creek Ridge #3	3/30	6	1.6	10.8	5.2						
Dutchman R.S.	3/25	30	13.0	33.8	15.4	3/25	3.90	3.07b		20.82	
Hobble Creek Summit	3/25	27	7.6	21.3	12.9	3/25	2.49	2.70	11.80	17.19	69
Payson R.S.	3/25	34	10.1	24.1	18.4	3/25	3.03	2.90	12.67	17.95	71
Soapstone R.S.	3/29	31	8.6	19.2	11.6	3/29	3.90	2.40	12.66	16.22	78
South Fork R.S.	3/25	10	4.8	7.4	3.2						
Timpanogos Cave Camp	3/25	0	0.0	0.1	0.6						
Timpanogos Divide	3/25	50	17.2	40.2	23.5	3/25	4.50	3.36	19.92	25.09	79
Trial Lake	3/29	64	16.3	38.6	23.5	3/29	5.35	3.77	18.14	23.84	76

USDA-SCS PORTLAND OR 1977

SNOW	THIS YEAR			PAST RECORD		PRECIPITATION (Inches)					
DRAINAGE BASIN and/or SNOW COURSE NAME	Date of Survey	Snow Depth (inches)	Water Content (inches)	Water Content (inches) Last Year	Water Content (inches) Average †	CURRENT INFORMATION Date of Reading	CURRENT INFORMATION Month's Precipitation	CURRENT INFORMATION Average †	FROM APPROX. OCT 1 TO DATE This Year	FROM APPROX. OCT 1 TO DATE Average †	FROM APPROX. OCT 1 TO DATE Percent of Average
JORDAN RIVER & GREAT SALT LAKE											
Bevan's Cabin	3/28	35	10.8	12.3	11.5						
Lamb's Canyon #2	3/26	39	10.5	21.8	--	3/26	3.49		11.74		
Middle Canyon	3/27	38	11.4	19.2	14.1	3/27	5.20	3.39	16.70	15.92	105
Mill Creek	3/30	59	16.6	25.9	--						
Mill D South Fork	3/27	44	13.1	24.0	19.9						
Mt. Dell Dam							4.20	2.09		13.23	
Rock Basin-Settlement Canyon	3/31	77	21.7	39.8	27.1	3/31	7.60a	--		24.01b	
Silver Lake (Brighton)	3/27	57	16.3	37.2	24.9		5.75	4.80		27.18	
Snowbird (Gad Valley)	3/31	83	21.2	53.8	--						
Vernon Creek	3/27	28	7.2	17.3	11.2a	3/27	3.20	2.51b	10.30	15.27	67
Deseret Peak	3/31	77	22.2	33.5	--	3/31	7.10a		22.50a		
UPPER SEVIER RIVER (South of Richfield, Utah)											
Box Creek	3/29	41	7.9	19.7	12.9	3/29	4.91	2.79	11.91	13.89	86
Bryce Canyon	3/31	8	2.3	11.4	3.1						
Castle Valley	3/27	36	9.9	21.3	11.3	3/27	6.10	2.77	12.73	13.89	92
Duck Creek R.S.	3/27	26	7.4	28.7	11.5	3/27	6.20	3.28b	12.99	16.53	79
Farview	3/31	17	5.6	18.8	--						
Harris Flat	3/27	11	3.4	20.7	6.5	3/27	2.88a		8.61a		
Kimberly Mine	3/25	38	10.7	25.4	15.8	3/25	4.27	3.79b	13.57	18.17	75
Midway Valley	3/27	47	11.9	38.0	20.1	3/27		3.71b		19.17b	
Panguitch Lake	3/27	13	2.6	8.7	2.9	3/27	4.08	1.38	7.75	7.89	98
Rainbow Point	3/31	13	3.8	25.6	--						
Squaw Springs	3/29	13	3.7	14.3	6.6						
LOWER SEVIER RIVER (Including San Pitch River)											
Beaver Dams	3/29	14	3.2	16.7	10.6	3/29	3.96	2.41	11.56	13.07	88
Farnsworth Lake	3/29	56	14.2	23.5	19.5	3/29	9.09	4.33	16.56	19.56	85
G.B.R.C Headquarters	3/29	45	12.2	26.9	15.8	3/29	5.49	4.08	15.06	18.29	82
G.B.R.C. Majors								1.56b		8.51	
G.B.R.C Meadows	3/29	59	17.2	31.3	22.4	3/29	5.70a	4.10	17.25a	21.67	80
G.B.R.C Oaks								2.17		11.87	
Gooseberry R.S.	3/29	37	8.9	16.8	12.0	3/29	4.40	3.04b	12.71	12.91b	98
Mommoth-Cottonwood Creek	3/29	44	12.9	30.6	20.3			2.75b		18.11	
Middle Fork	3/29	71	18.7	26.3	23.4						
Mt. Baldy R.S.	3/29	59	16.4	30.8	21.8	3/29	8.80a	3.14	16.80a	16.90	99
Oak Creek	3/30	37	8.4	21.6	11.5b	3/30	3.90	--	11.50	13.78b	83
Pickle Keg Springs	3/29	43	10.9	22.9	16.1b	3/29	5.25a	--	15.64a	--	
Pine Creek	3/25	29	9.4	19.7	15.2	3/25	4.40	4.94	9.40	23.47	40
Ree's Flat	3/25	34	9.3	19.1	12.2	3/25	3.23	--	10.38	--	
Shingle Mill	3/31	33	7.4	11.2	8.4	3/31	5.45	3.10	13.25	15.68	85
Thistle Flat	3/29	46	11.4	22.8	15.9						
Gooseberry Res.	3/29	0	0.0	--	--	3/29	5.10a	3.60	14.80	21.71	68
BEAVER RIVER											
Beaver Race Track				--	--			1.72		8.53	
Big Flat	3/25	51	13.5	28.4	16.1	3/25	5.25	3.00	13.53	15.53	87
Merchant's Valley (upper)	3/25	24	7.2	20.0	9.7b	3/25	4.86	2.96b	12.39	14.25	87
Otter Lake	3/25	37	10.1	21.9	12.3						
PAROWAN CREEK											
Birch Crossing	3/26	9	2.7	13.7	5.3b						
Brian Head	3/27	61	15.1	30.8	19.9b						
Tall Poles	3/26	30	8.5	27.5	13.8b	3/26	3.90	3.02b	11.60	14.89b	78
Yankee Reservoir	3/27	31	7.3	14.0	9.0	3/27	3.60	2.73b	7.69	12.13	63
ENTERPRISE TO NEW HARMONY DRAINAGES											
Little Grassy Creek	3/27	0	0.0	8.0	2.0	3/27	1.00	2.16		14.49	
Long Flat	3/27	14	4.7	15.4	5.5	3/27	4.65	2.40		11.63	
COAL CREEK											
Cedar City Golf Course	3/26	0	0.0								
SUSC Ranch	3/26	11	3.2	17.8	6.1b						

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

† 1958-1972 period

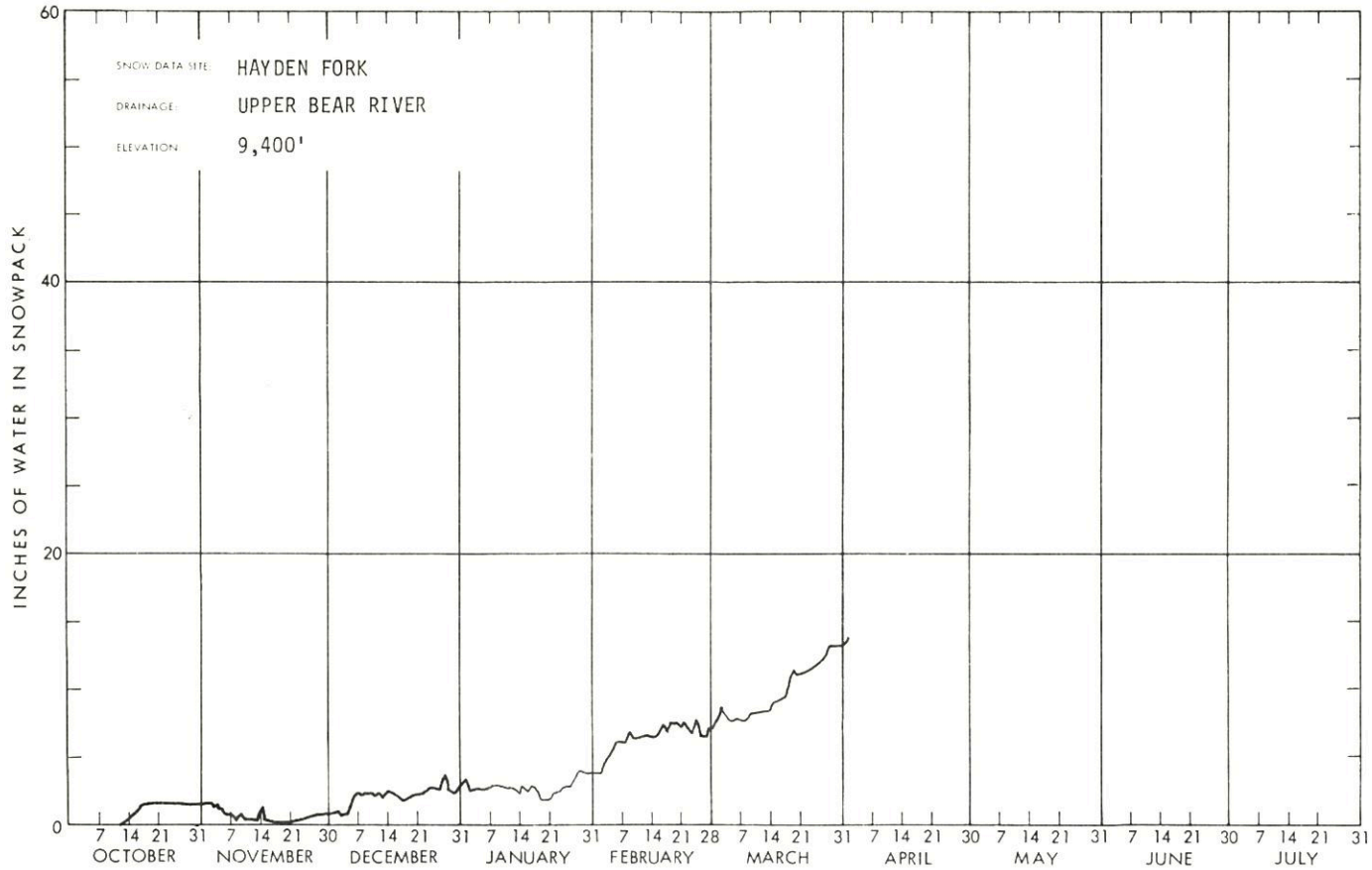
SNOW	THIS YEAR			PAST RECORD		PRECIPITATION (Inches)					
				Water Content (inches)		CURRENT INFORMATION			FROM APPROX OCT 1 TO DATE		
DRAINAGE BASIN and/or SNOW COURSE NAME	Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Last Year	Average +	Date of Reading	Month's Precipitation	Average +	This Year	Average +	Percent of Average
COLORADO RIVER DRAINAGE											
UPPER GREEN RIVER - UTAH											
Ashley-Twin Lakes (A)				25.2	--						
Black's Fork G.S.-East Fork	3/29	35	7.3	13.6	9.0	3/29	4.53	2.43	11.81	11.94	99
Black's Fork Junction	3/29	32	7.2	15.1	9.2	3/29	3.37	2.25	10.53	11.62	91
Buck Pasture (A)				24.0	--						
Burnt Creek	3/30	22	5.0	7.8	--	3/30	2.60	1.51b	9.40	8.83b	106
Grizzly Ridge	3/30	31	7.2	17.3	--	3/30	3.60	2.23b	11.20	12.78	88
Hewinta G.S.	3/29	37	8.0	15.0a	9.4	3/29	4.22	2.50	11.78	12.56	94
Hickerson Park	3/31	36	8.3	14.6	5.9b	3/31	4.24	1.76b	10.21	9.41b	109
Hole in the Rock	3/30	35	6.5								
Hole in the Rock G.S.	3/30	17	4.5								
Middle Beaver Cr.	3/30	18	3.6								
King's Cabin (upper)	3/31	33	8.4	18.5	9.8	3/31	3.92	1.90	10.42b	11.14	94
Reynolds Park (A)				22.4	--						
Spirit Lake	3/31	55	14.7	19.1	12.1	3/31	5.69	2.57b	15.85	13.61b	116
Steel Creek Park	3/29	60	13.6	21.0	15.6	3/29	6.00a	2.75b	13.80a	20.85b	66
Trout Creek	3/31	36	8.4	18.1	--	3/31	3.01	--		--	
Windy Park (A)											
DUCHESNE RIVER											
Atwood Lake (A)				16.3	--						
Brown Duck Ridge	3/31	67	14.6	22.5	17.4a	3/31	6.09	3.41b	14.93	20.70b	72
Chepeta-Whiterocks	3/31	52	12.5	21.6	--						
Currant Creek	3/25	2	0.3	19.2	7.7	3/25	1.80	2.14b	8.15	13.79b	59
Daniels-Strawberry Summit	3/25	25	7.6	24.7	13.7	3/25	2.30a	2.68	10.97	17.81	62
East Portal	3/30	26	9.0	17.8	10.9	3/30	3.46	2.51b	11.73	16.73	70
Five Points Lake (A)				25.9	--						
Indian Canyon	3/29	38	9.5	19.7	12.0	3/29	8.14	1.91	14.76	12.78	115
Jackson Park	3/31	54	12.4	22.7	11.5b	3/31	6.44a	--	12.50a	12.68	99
Lakefork Basin (A)				22.9	--						
Lakefork Mountain	3/31	42	9.9	19.1	10.6	3/31	5.28	2.08	12.98a	12.62	103
Lakefork Mountain #3	3/31	20	4.9	14.4	5.3						
Lightning Lake (A)				34.2	--						
Mosby Mountain	3/31	34	8.4	18.7	8.6	3/31	4.53	1.47b	12.15	12.00	101
Paradise Park	3/31	52	14.1	19.3	11.8	3/31	5.34a	1.78b	14.20a	13.05	109
Rock Creek Ranch	3/31	21	5.8	12.3	5.8	3/31	4.54	--	9.94	11.04	90
Strawberry Divide	3/30	49	13.6	27.3	18.5	3/30	3.25a		15.37a		
PRICE RIVER											
Dry Valley Divide Alternate	3/30	12	2.5	16.9	--						
Mud Creek	3/29	26	7.8	23.1	12.3	3/29	3.95	2.56	9.30	14.25	65
White River #1	3/30	33	8.0	20.1	12.8	3/30	4.06	2.14	10.55	13.22	80
White River #3	3/30	4	0.6	13.8	6.1						
SAN RAFAEL RIVER											
Buck Flat	3/29	36	9.8	25.6	15.4	3/29	4.47	2.71	11.54	17.21	67
Huntington-Horseshoe	3/29	50	17.1	32.3	22.7						
Orange Olsen	3/29	0	0	9.3	--	3/29	2.10	1.01b	4.75	7.40	64
Red Pine Ridge	3/29	34	9.1	24.2	16.5	3/29	4.90	3.54	14.16	19.79	72
Seeley Creek R.S.	3/29	30	8.4	24.0	16.0		3.25	--	8.53	--	
Stuart R.S.	3/29	4	1.1	16.8	6.5	3/29	3.15	--	7.02	11.62	60
Upper Joe's Valley	3/29	15	4.3	17.2	9.5						
Wrigley Creek	3/29	24	7.2	19.6	10.1						
MUDDY RIVER											
Black's Fork	3/29	31	8.8	20.1	12.6						
Dill's Camp	3/29	22	5.8	20.2	11.4	3/29	4.09	--	10.31	14.40b	72
FREMONT RIVER											
Black's Flat-U.M. Creek	3/29	26	7.1	16.8	10.4	3/29	4.02	2.46b	8.91	12.10b	74
Fish Lake	3/29	21	5.6	10.6	7.0	3/29	3.42	1.68	7.29	9.18	79
Johnson Valley	3/29	11	3.0	12.4	6.1						
Donkey Res	3/28	30	6.9	14.8	6.9						

USDA-SCS-PORTLAND OR 1977 M1 0-22027 C

SNOW	THIS YEAR			PAST RECORD		PRECIPITATION (Inches)					
DRAINAGE BASIN and/or SNOW COURSE NAME	Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Water Content (inches) Last Year	Water Content (inches) Average †	CURRENT INFORMATION Date of Reading	CURRENT INFORMATION Month's Precipitation	CURRENT INFORMATION Average +	FROM APPROX. OCT 1 TO DATE This Year	FROM APPROX. OCT 1 TO DATE Average +	FROM APPROX. OCT 1 TO DATE Percent of Average
SOUTHEASTERN UTAH DRAINAGES											
Buckboard Flat	3/26	28	7.8	23.3	11.7	3/26	5.72	2.96	12.81	18.14	71
Camp Jackson	3/26	25	7.7	26.6	10.8	3/26	5.51	2.51	8.93	16.78	53
LaSal Mountain (lower)	3/31	29	9.4	19.8	8.6						
LaSal Mountain (upper)	3/31	57	16.4	26.2	15.3	3/31	7.98a	3.14	16.50a	14.18	116
Monticello City Park	3/27	0	0.0	0.1a	--						
ESCALANTE RIVER											
Widtsoe-Escalante #3	3/27	42	10.4	20.3	9.9	3/27	6.13	2.40	12.45	12.07	103
VIRGIN RIVER											
Kolob-Crystal	3/26	47	13.5	39.0	21.8a	3/26	9.20a	--	17.00a	--	
Long Valley Junction	3/27	1	0.2	14.7	2.7						
Webster Flat	3/27	39	12.4	33.5	15.7	3/27	8.10a	4.00	16.28	19.15	85

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

WSFB-X13C



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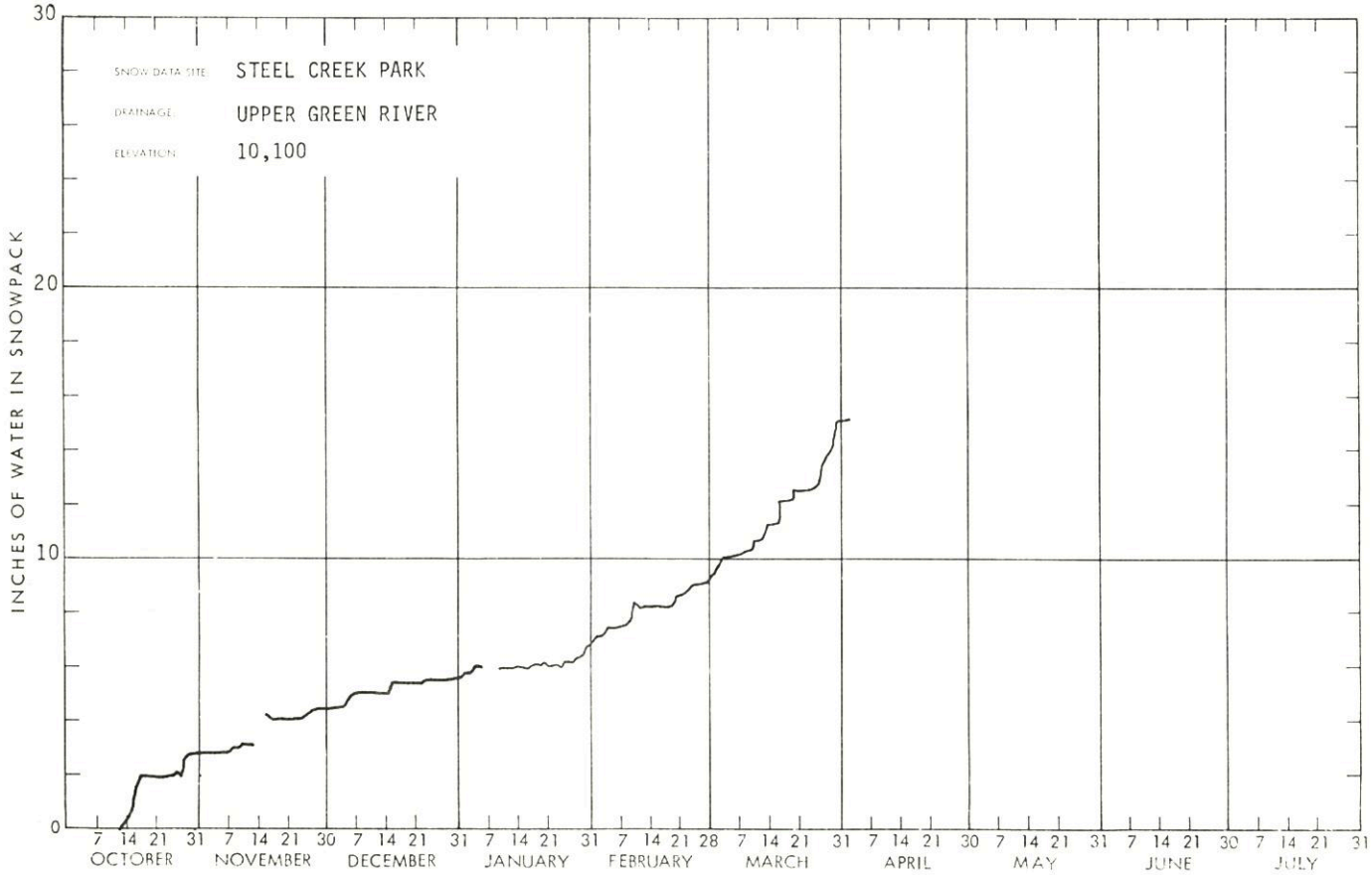

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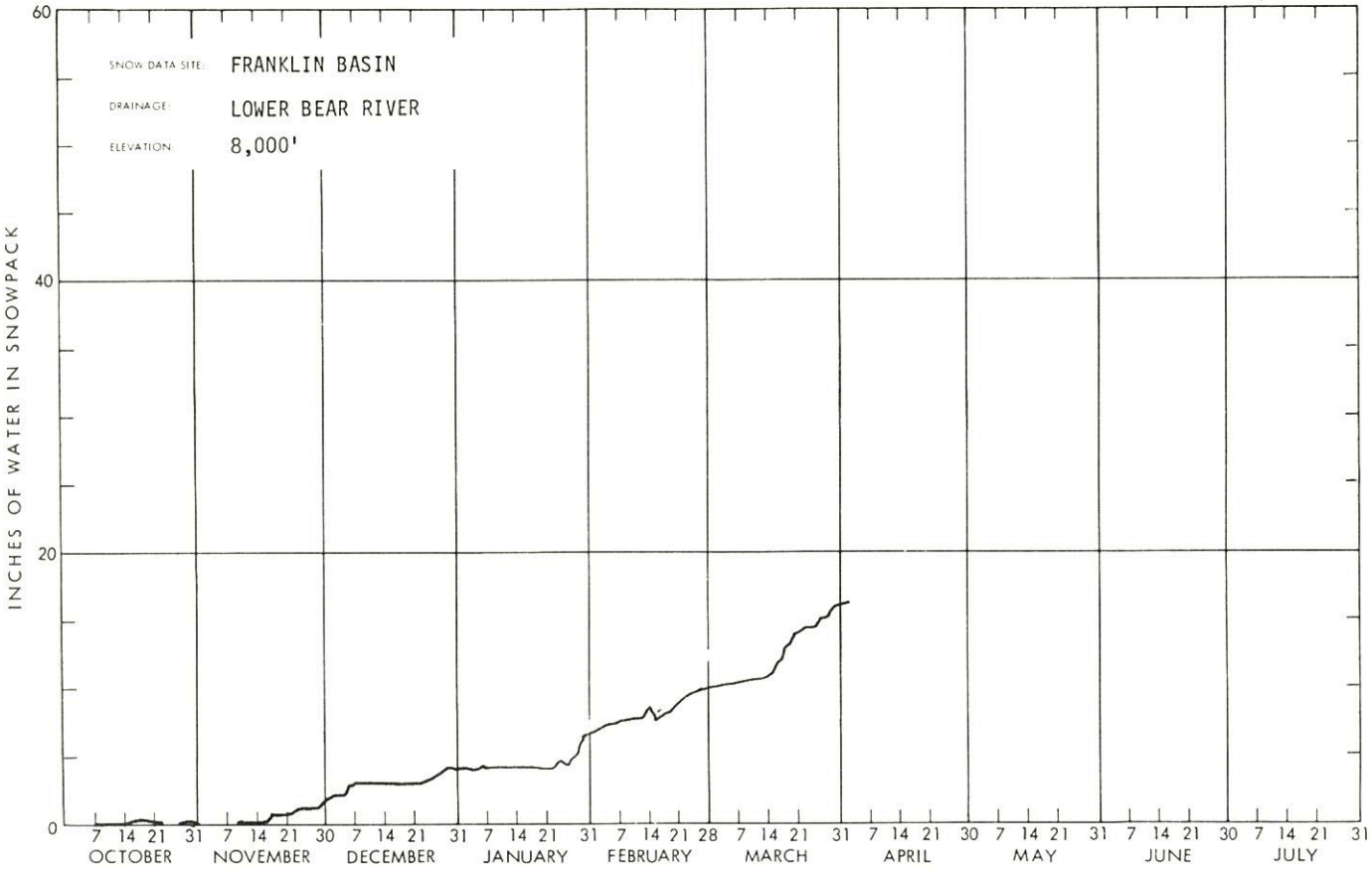

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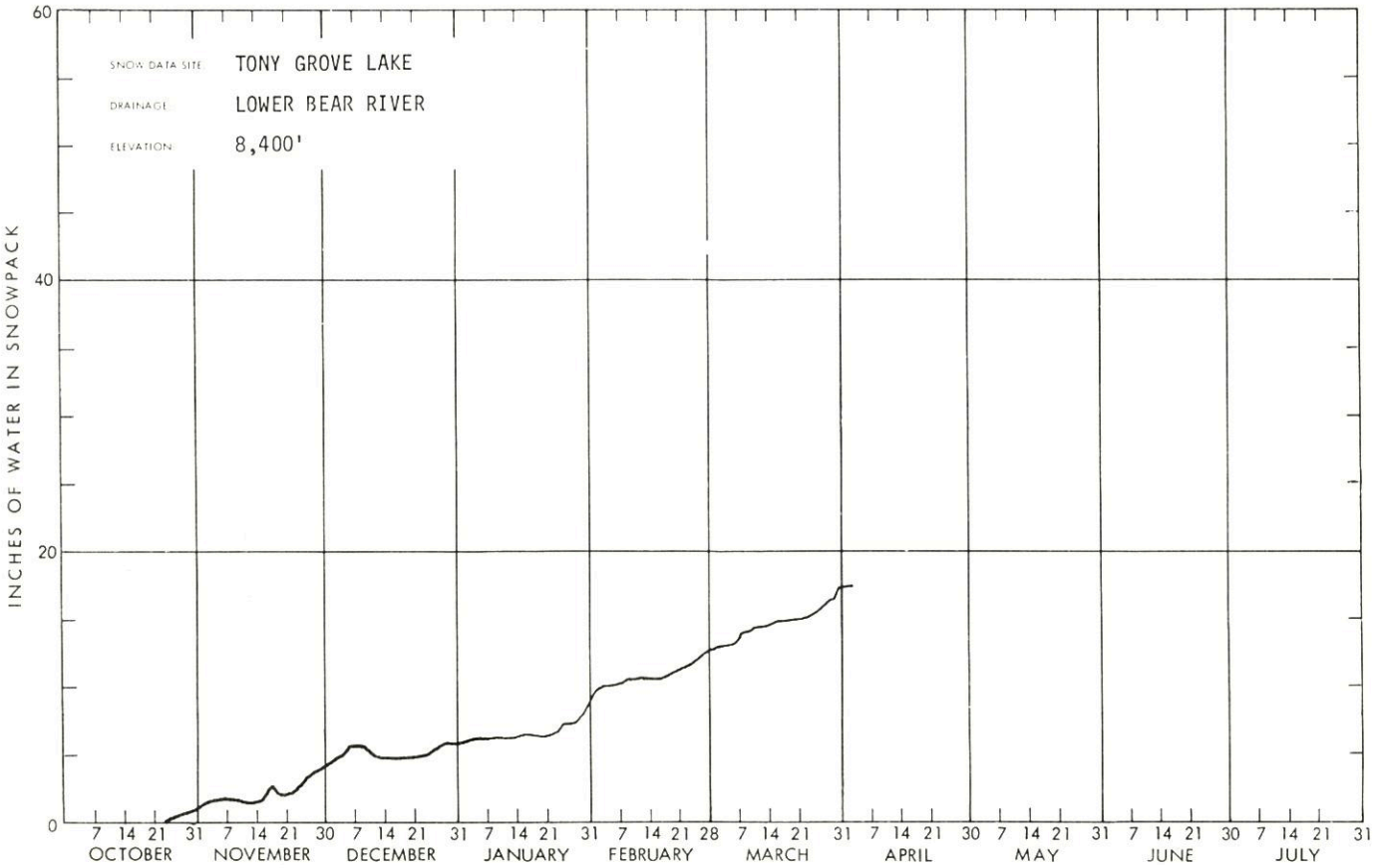

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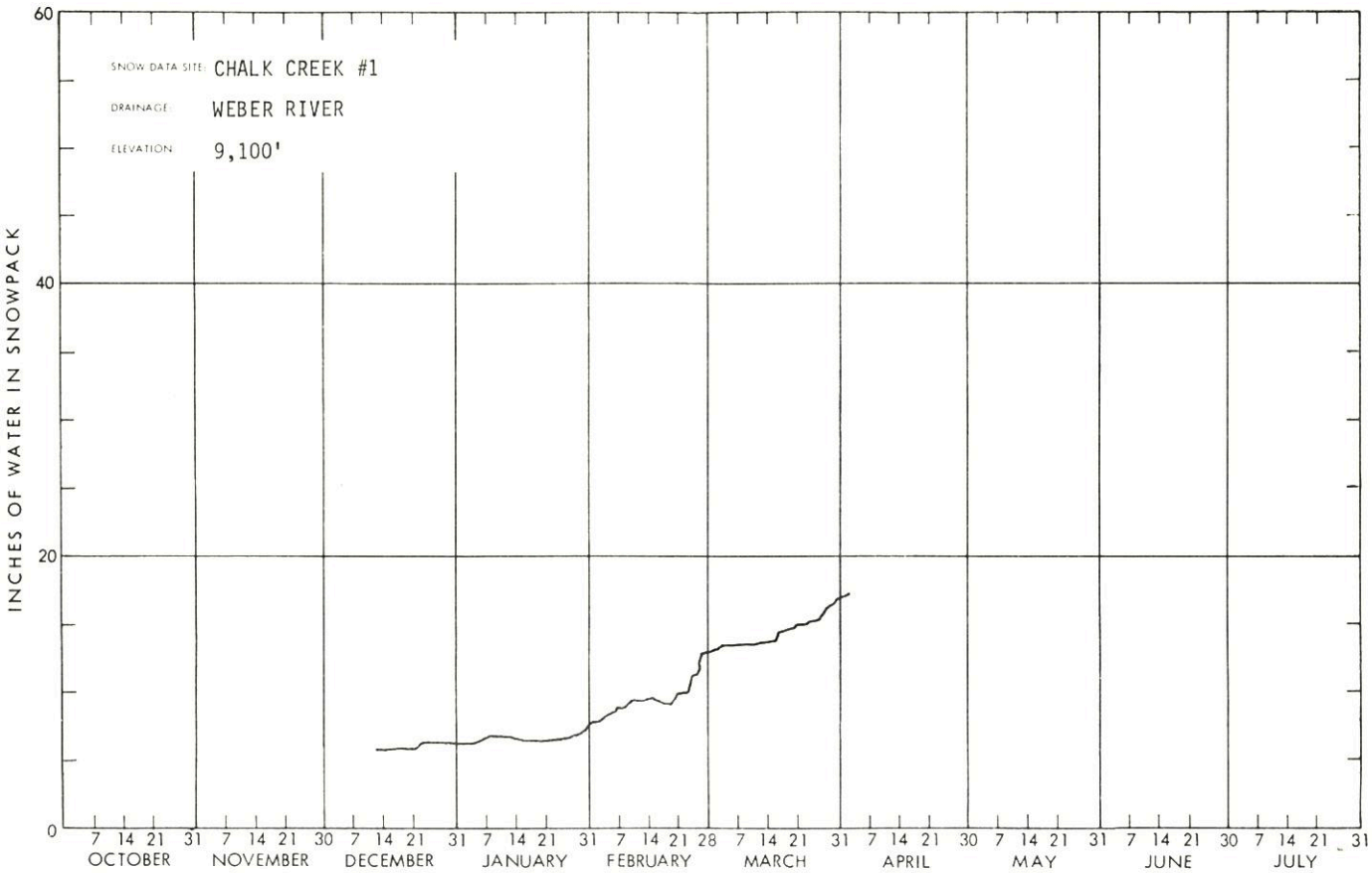

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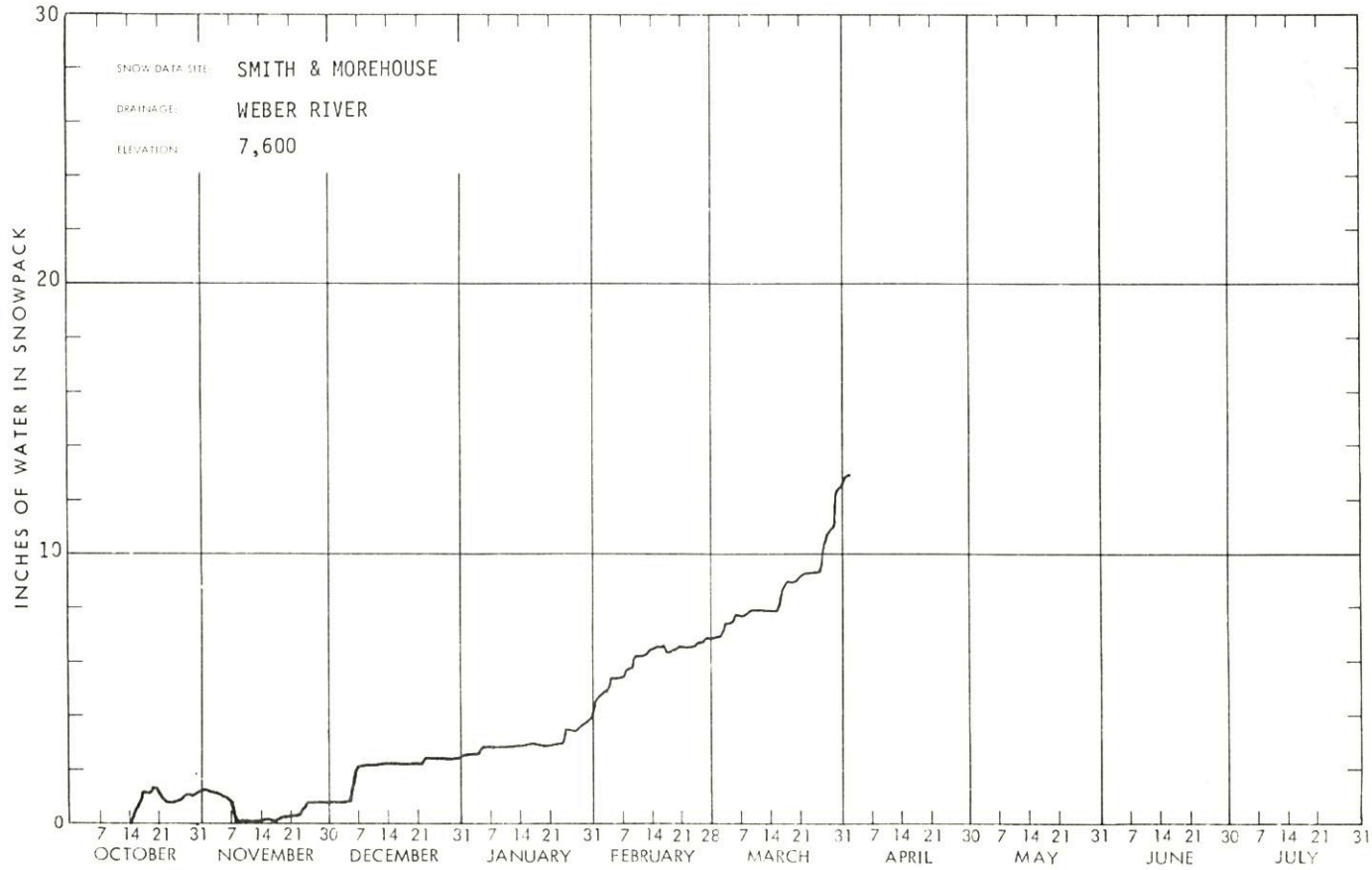
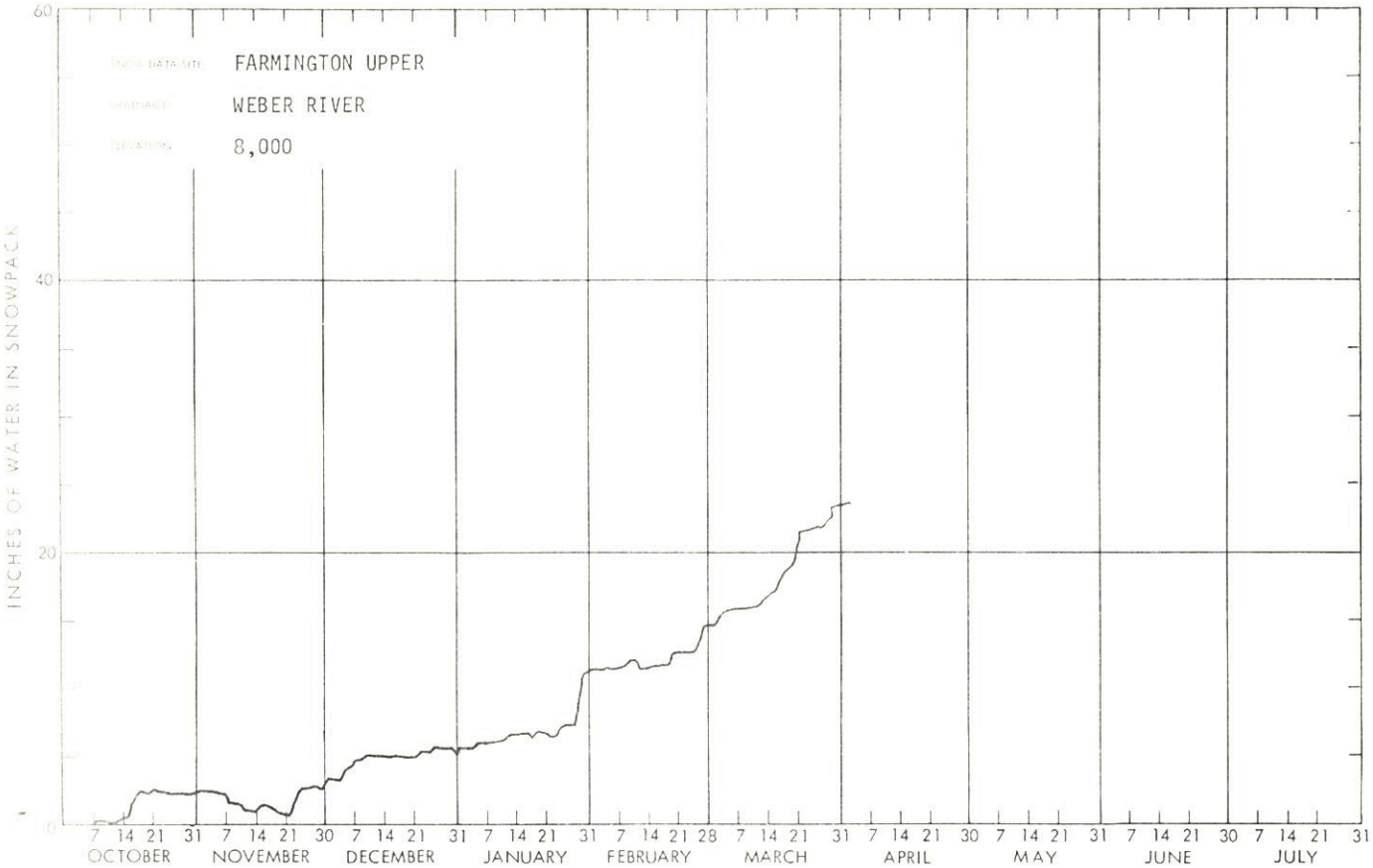
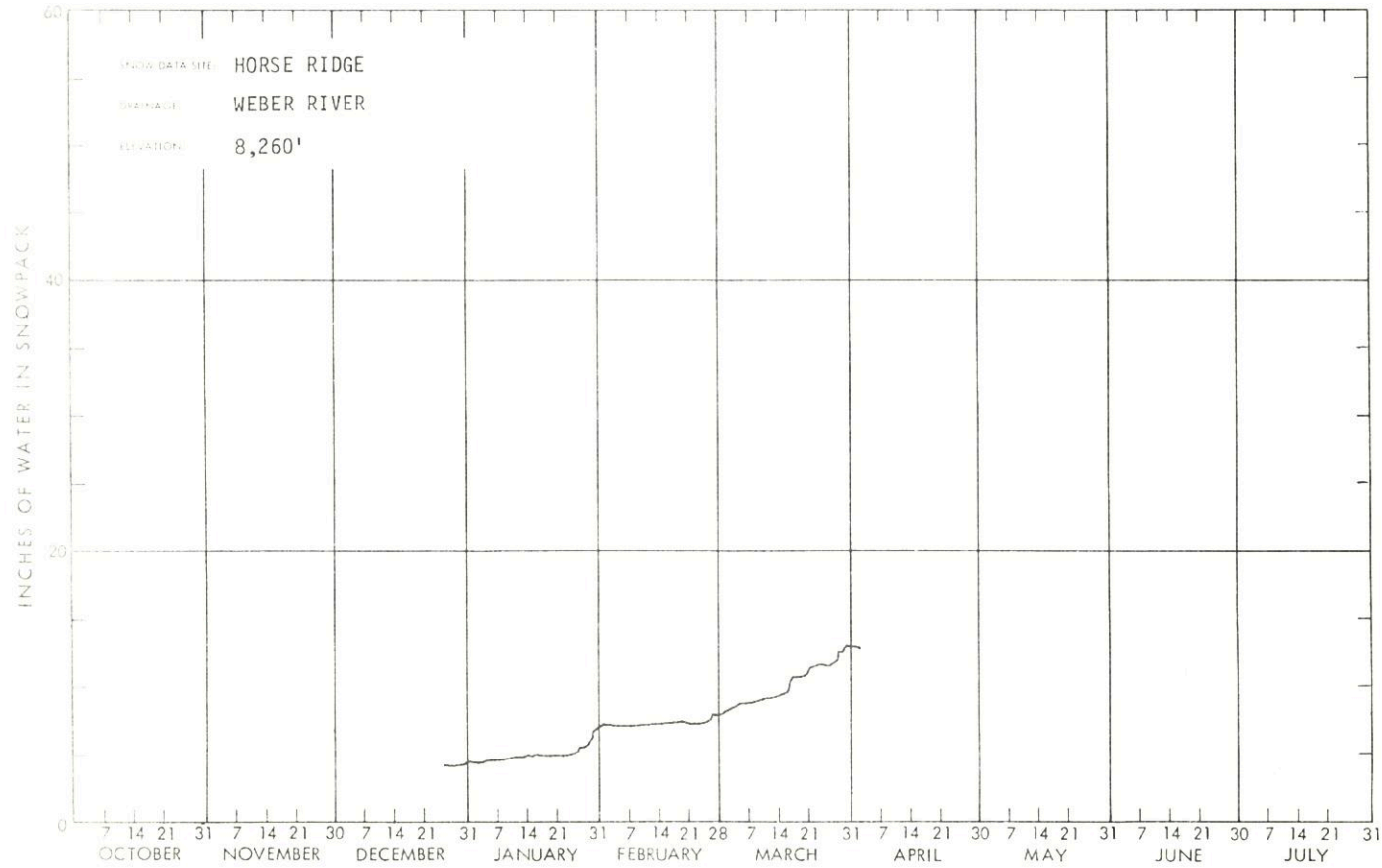



FARMINGTON UPPER
WEBER RIVER
8,000
INCHES OF WATER IN SNOWPACK
60
40
20
0
7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 31 7 14 21 28 7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 30 7 14 21 31
OCTOBER
NOVEMBER
DECEMBER
JANUARY
FEBRUARY
MARCH
APRIL
MAY
JUNE
JULY


HORSE RIDGE
WEBER RIVER
8,260'
INCHES OF WATER IN SNOWPACK
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40
20
0
7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 31 7 14 21 28 7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 30 7 14 21 31
OCTOBER
NOVEMBER
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MARCH
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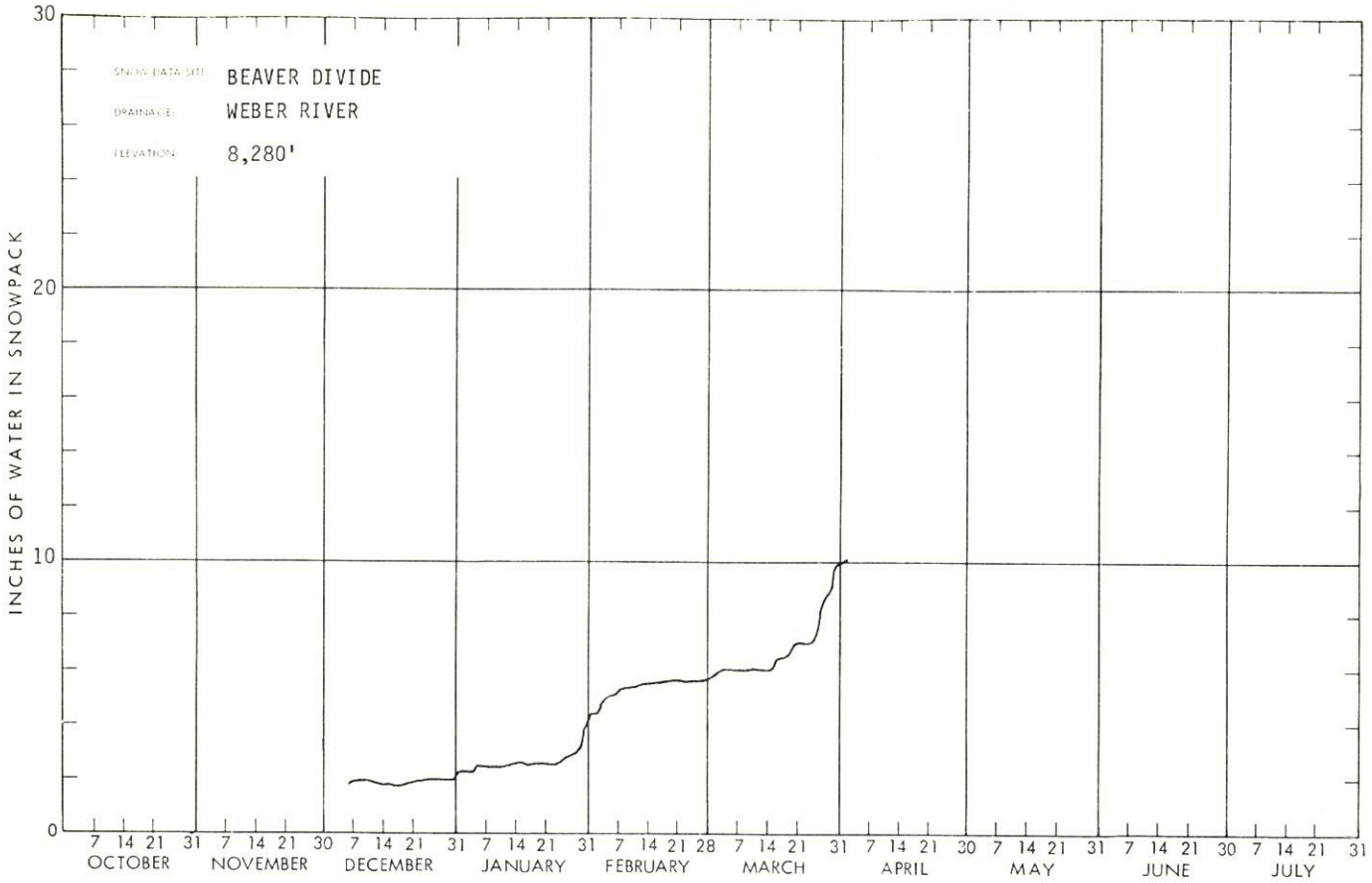
MAY
JUNE
JULY


SNOW DATA SITE: BEAVER DIVIDE
DRAINAGE: WEBER RIVER
ELEVATION: 8,280'
INCHES OF WATER IN SNOWPACK
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10
20
30
7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 31 7 14 21 28 7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 30 7 14 21 31
OCTOBER
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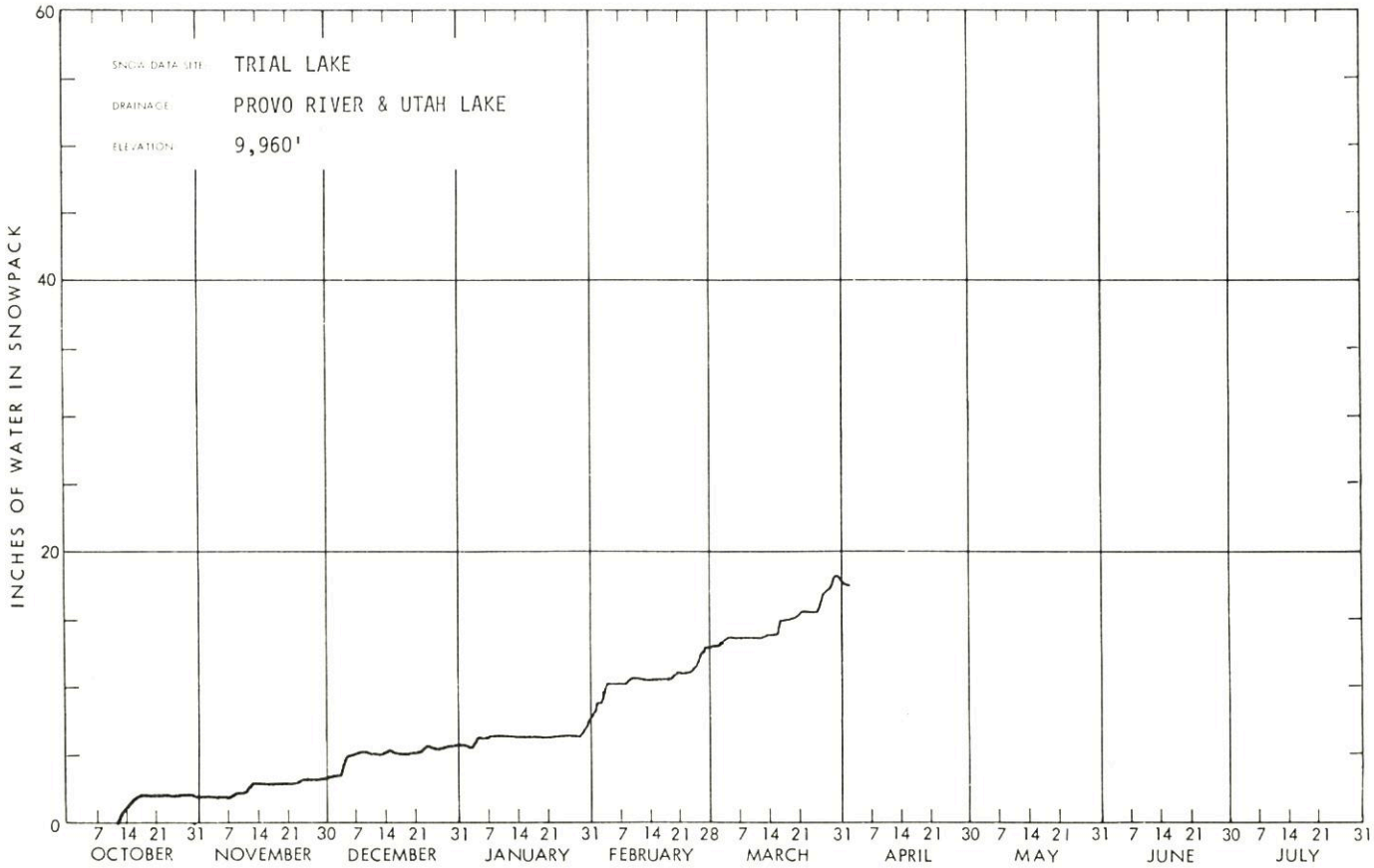
JUNE
JULY


SNOW DATA SITE: TRIAL LAKE
DRAINAGE: PROVO RIVER & UTAH LAKE
ELEVATION: 9,960'
INCHES OF WATER IN SNOWPACK
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20
40
60
7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 31 7 14 21 28 7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 30 7 14 21 31
OCTOBER
NOVEMBER
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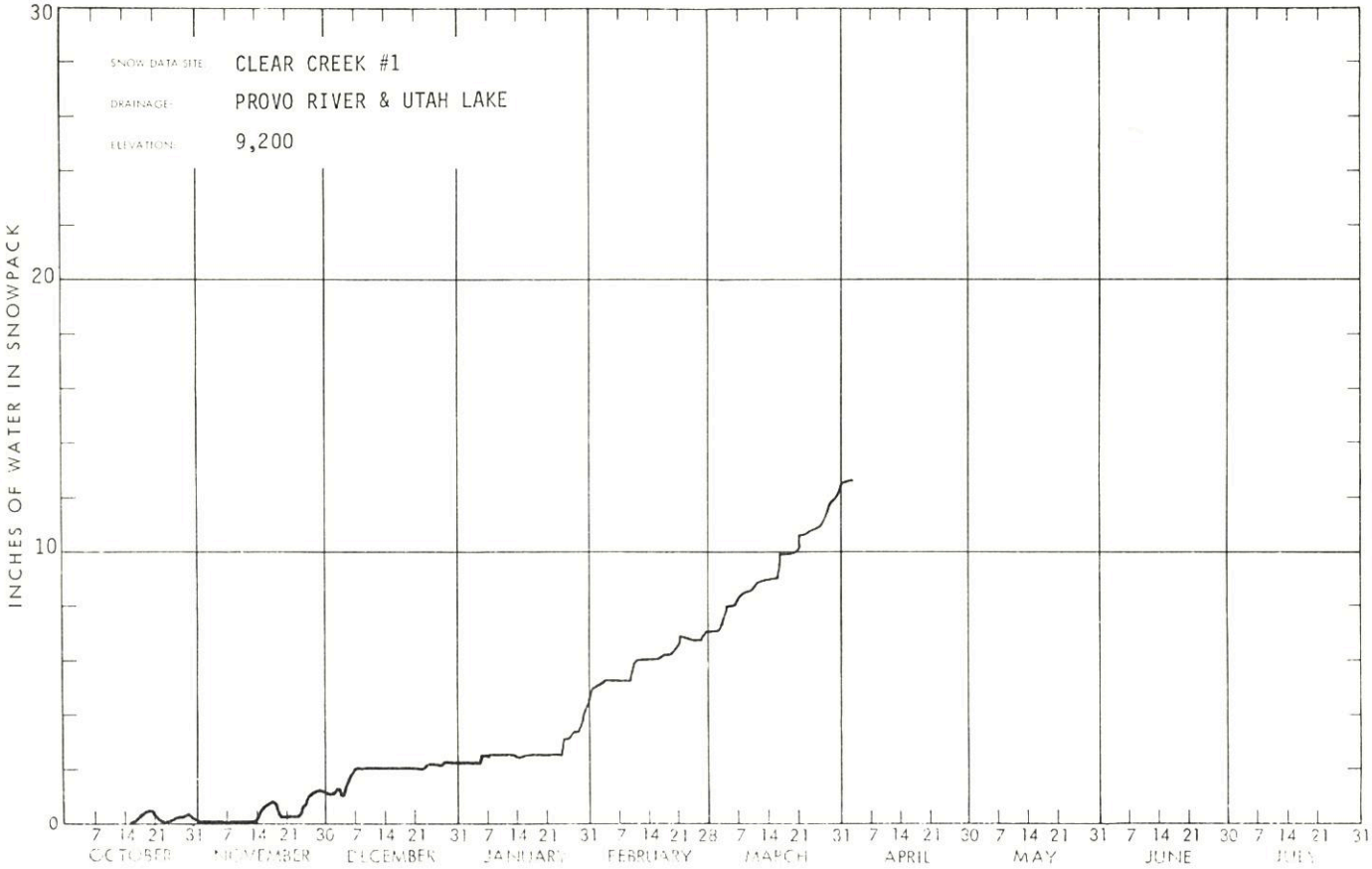
JUNE
JULY


SNOW DATA SITE: CLEAR CREEK #1
DRAINAGE: PROVO RIVER & UTAH LAKE
ELEVATION: 9,200
INCHES OF WATER IN SNOWPACK
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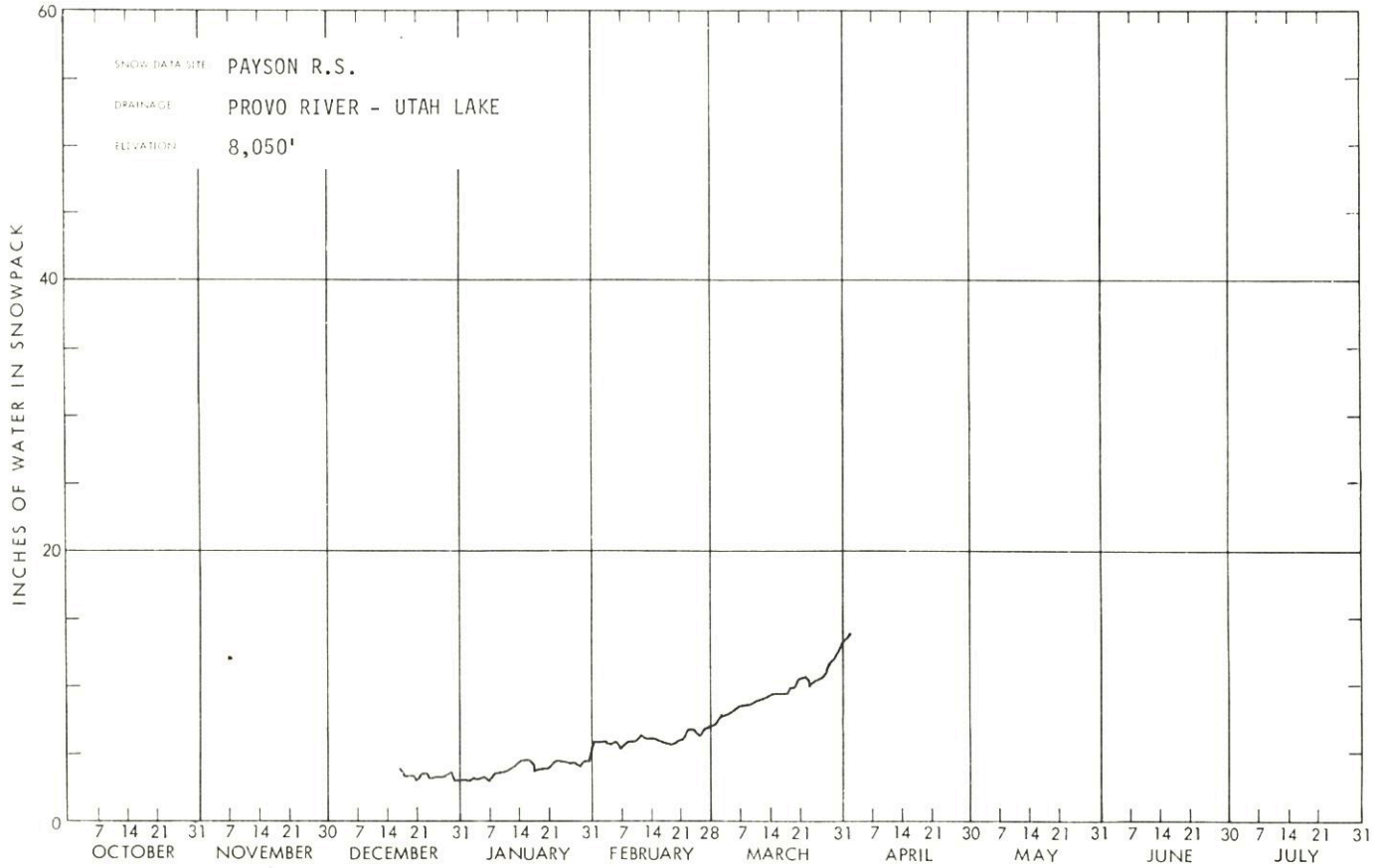
10
20
30
7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 31 7 14 21 28 7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 30 7 14 21 31
OCTOBER NOVEMBER DECEMBER JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY


SNOW DATA SITE: PAYSON R.S.
DRAINAGE: PROVO RIVER - UTAH LAKE
ELEVATION: 8,050'
INCHES OF WATER IN SNOWPACK
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20
40
60
7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 31 7 14 21 28 7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 30 7 14 21 31
OCTOBER NOVEMBER DECEMBER JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY

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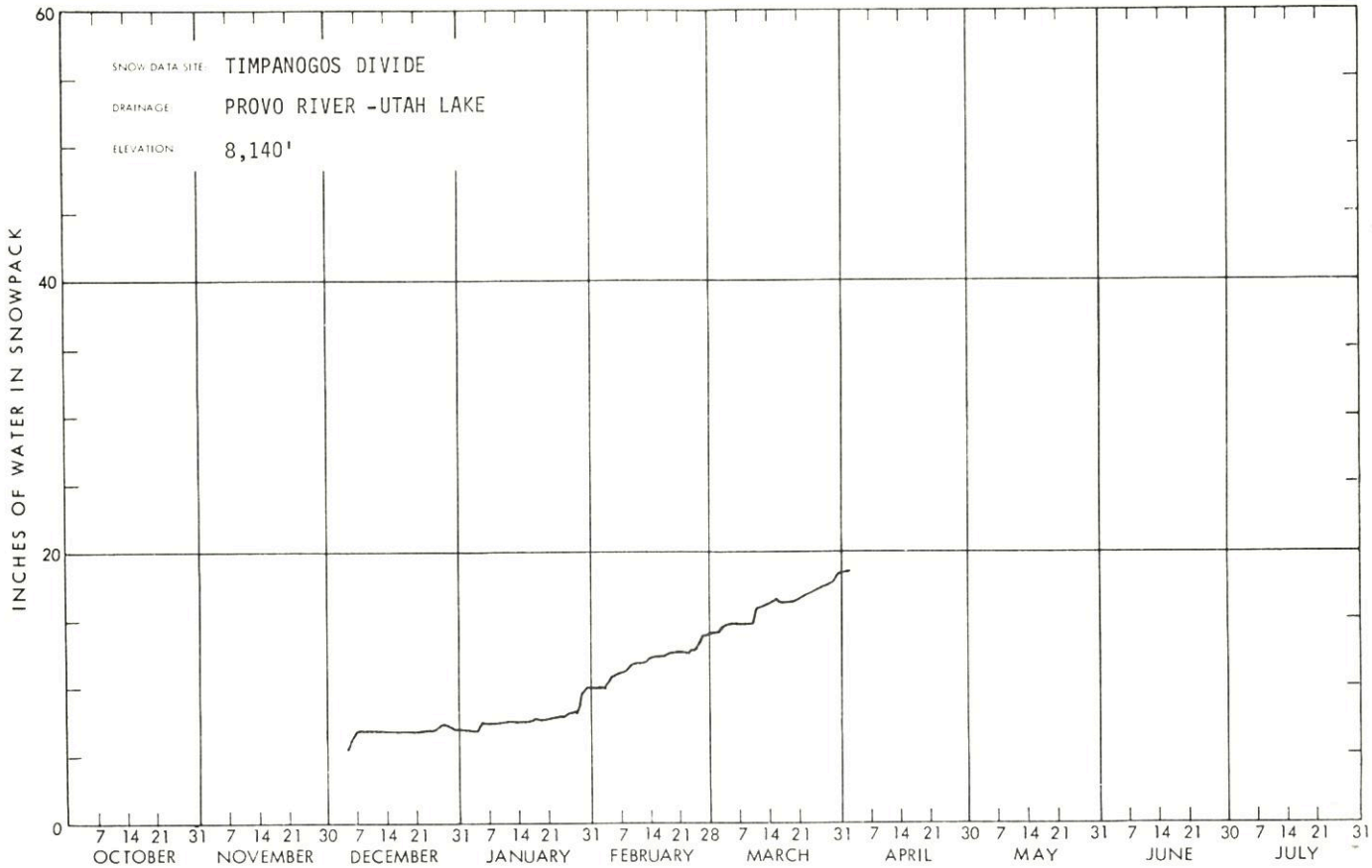

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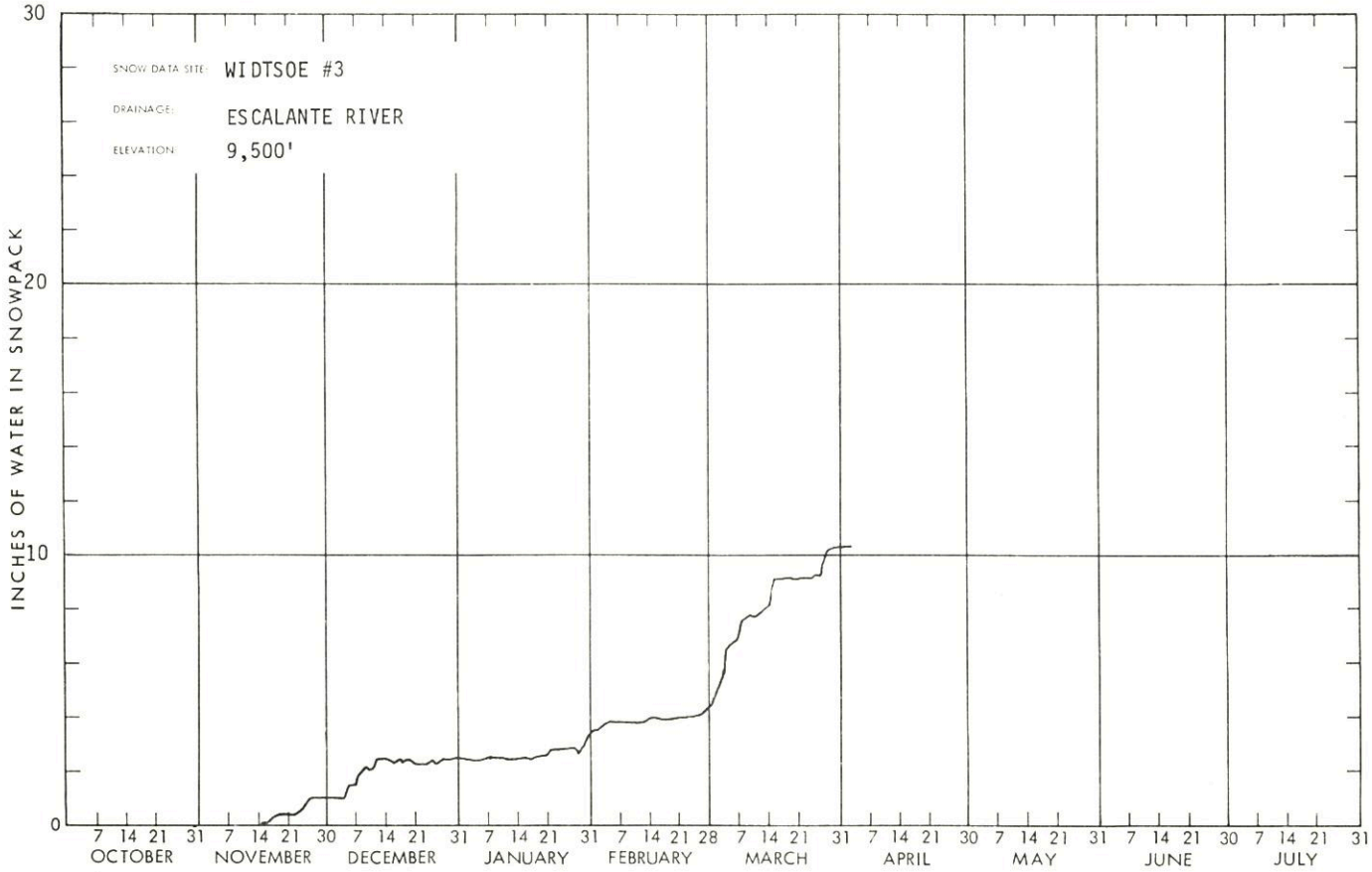

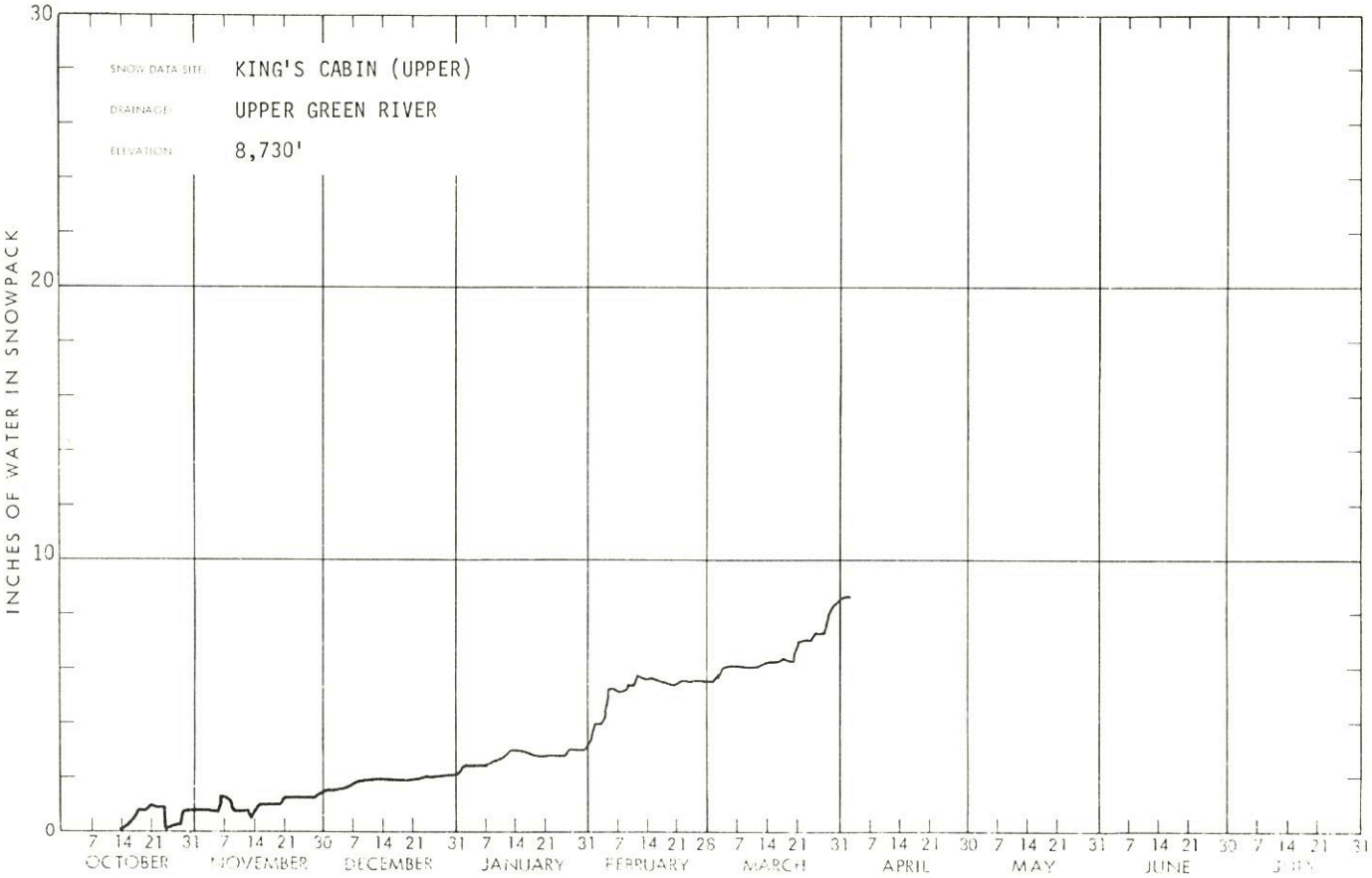
SNOW DATA SITE: KING'S CABIN (UPPER)
DRAINAGE: UPPER GREEN RIVER
ELEVATION: 8,730'
INCHES OF WATER IN SNOWPACK
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20
10
0
7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 31 7 14 21 28 7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 30 7 14 21 31
OCTOBER
NOVEMBER
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JANUARY
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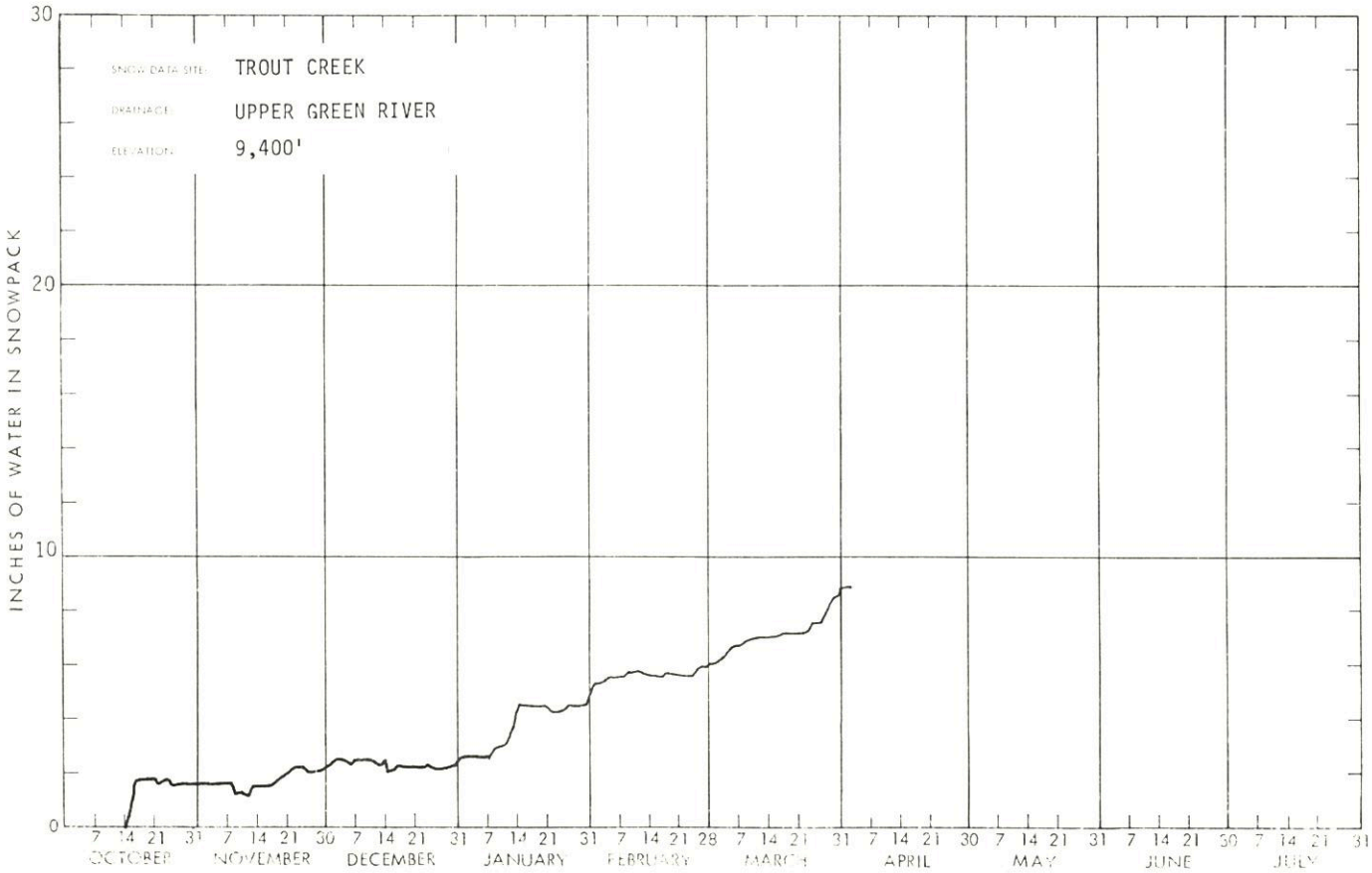
JUNE


SNOW DATA SITE: TROUT CREEK
DRAINAGE: UPPER GREEN RIVER
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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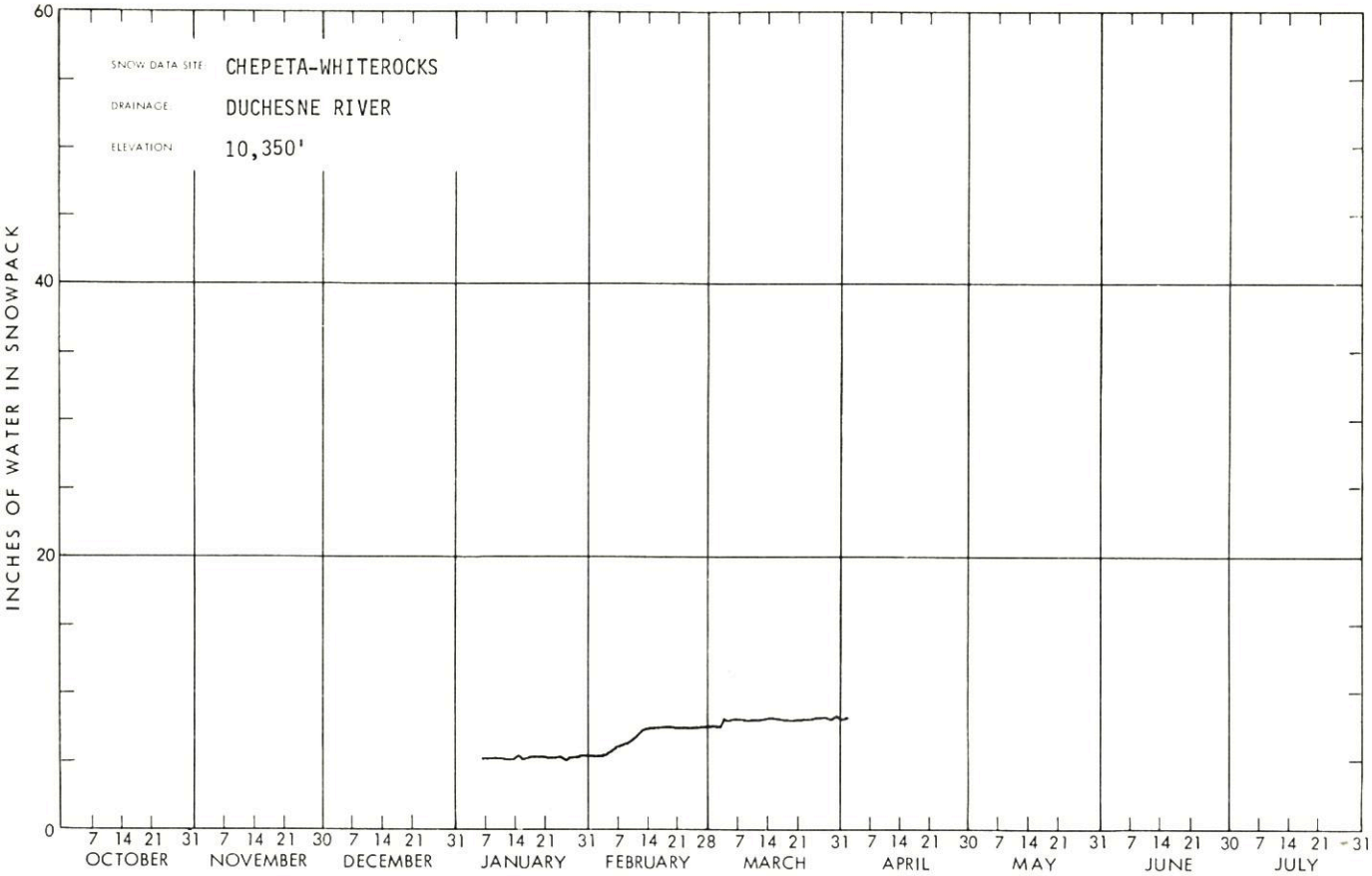

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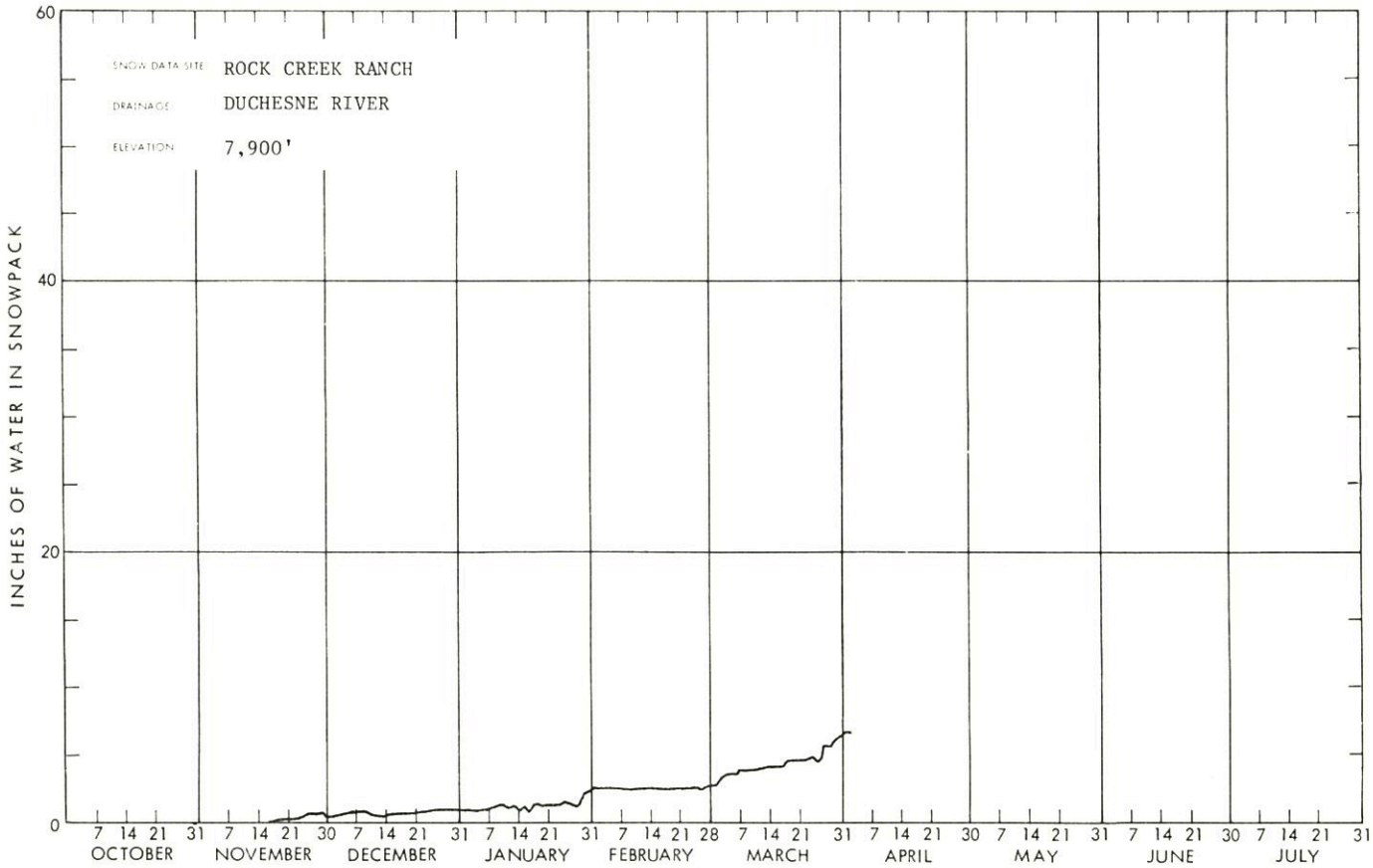
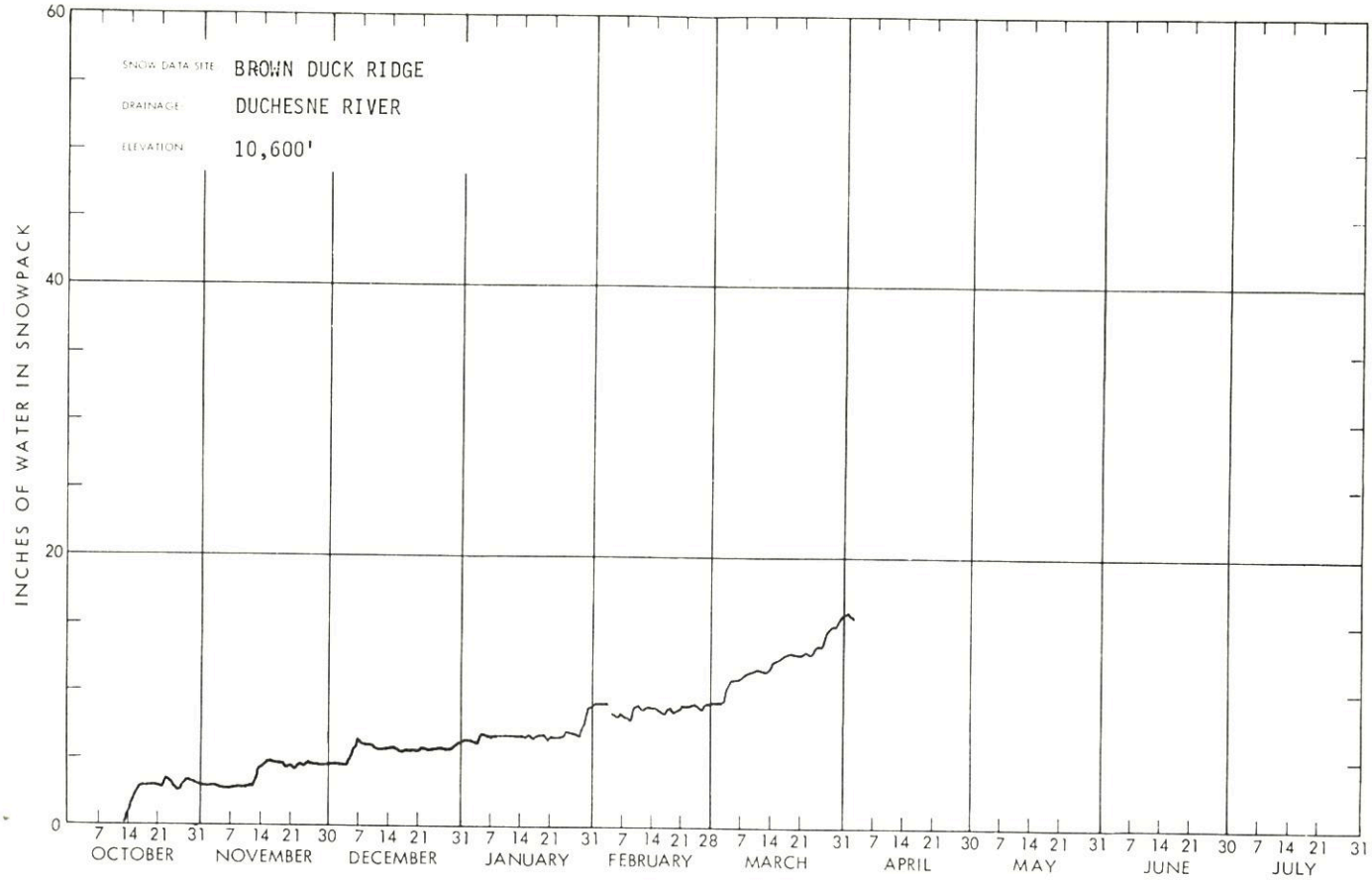
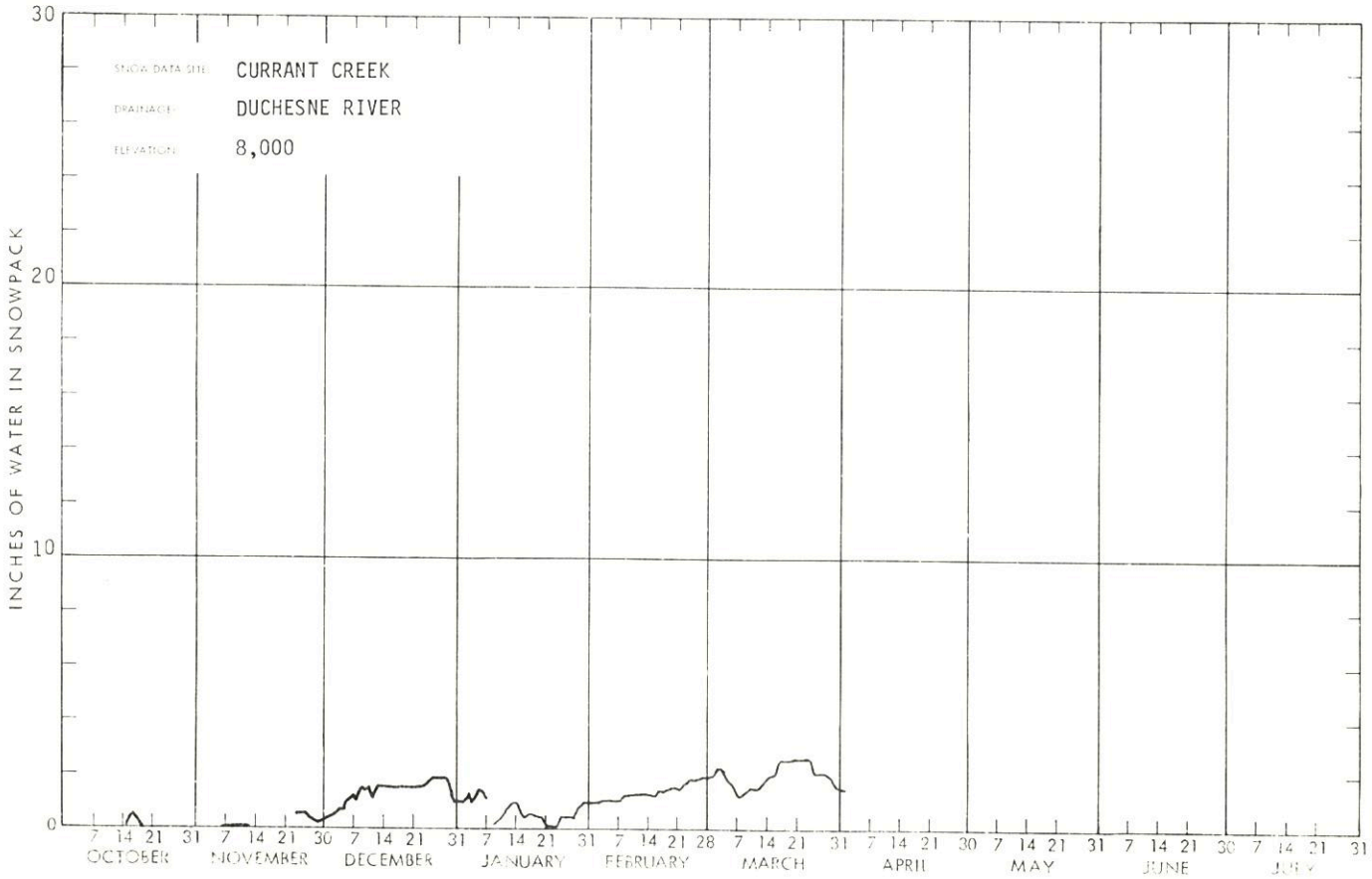



SNOW DATA SITE BROWN DUCK RIDGE
DRAINAGE DUCHESNE RIVER
ELEVATION 10,600'
INCHES OF WATER IN SNOWPACK
60
40
20
0
7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 31 7 14 21 28 7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 30 7 14 21 31
OCTOBER NOVEMBER DECEMBER JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY


SNOW DATA SITE CURRANT CREEK
DRAINAGE DUCHESNE RIVER
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
OCTOBER NOVEMBER DECEMBER JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY

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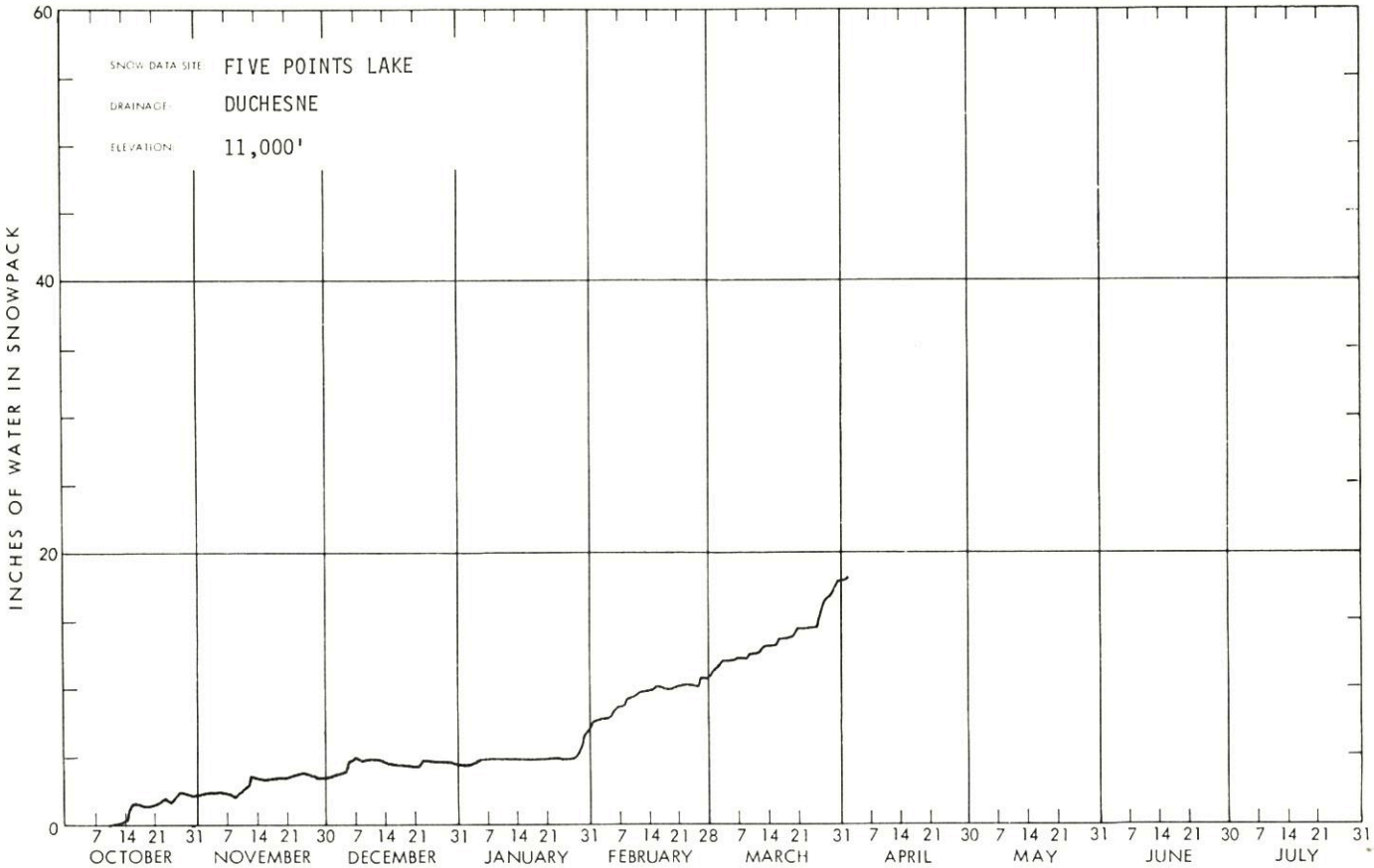

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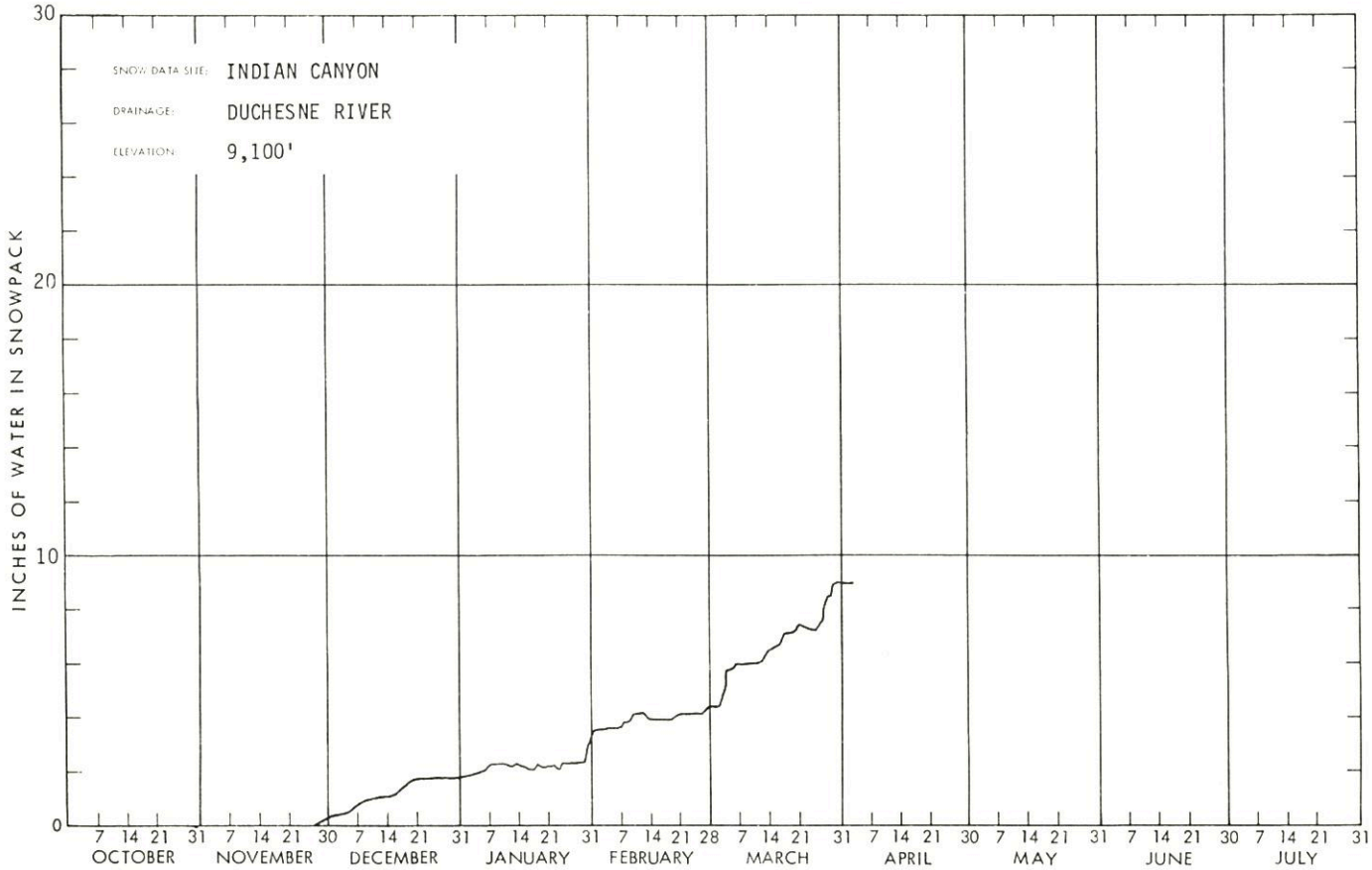

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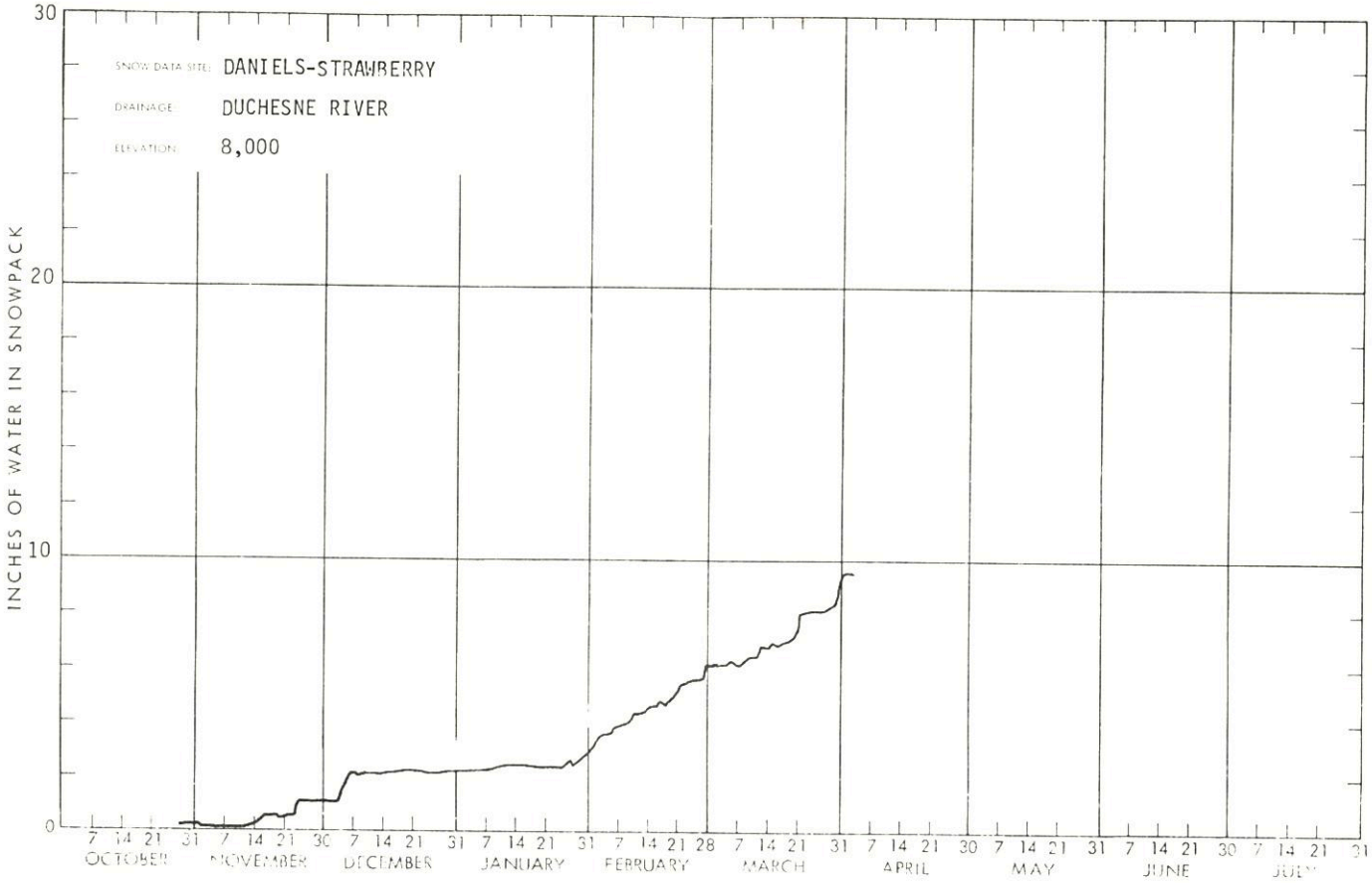

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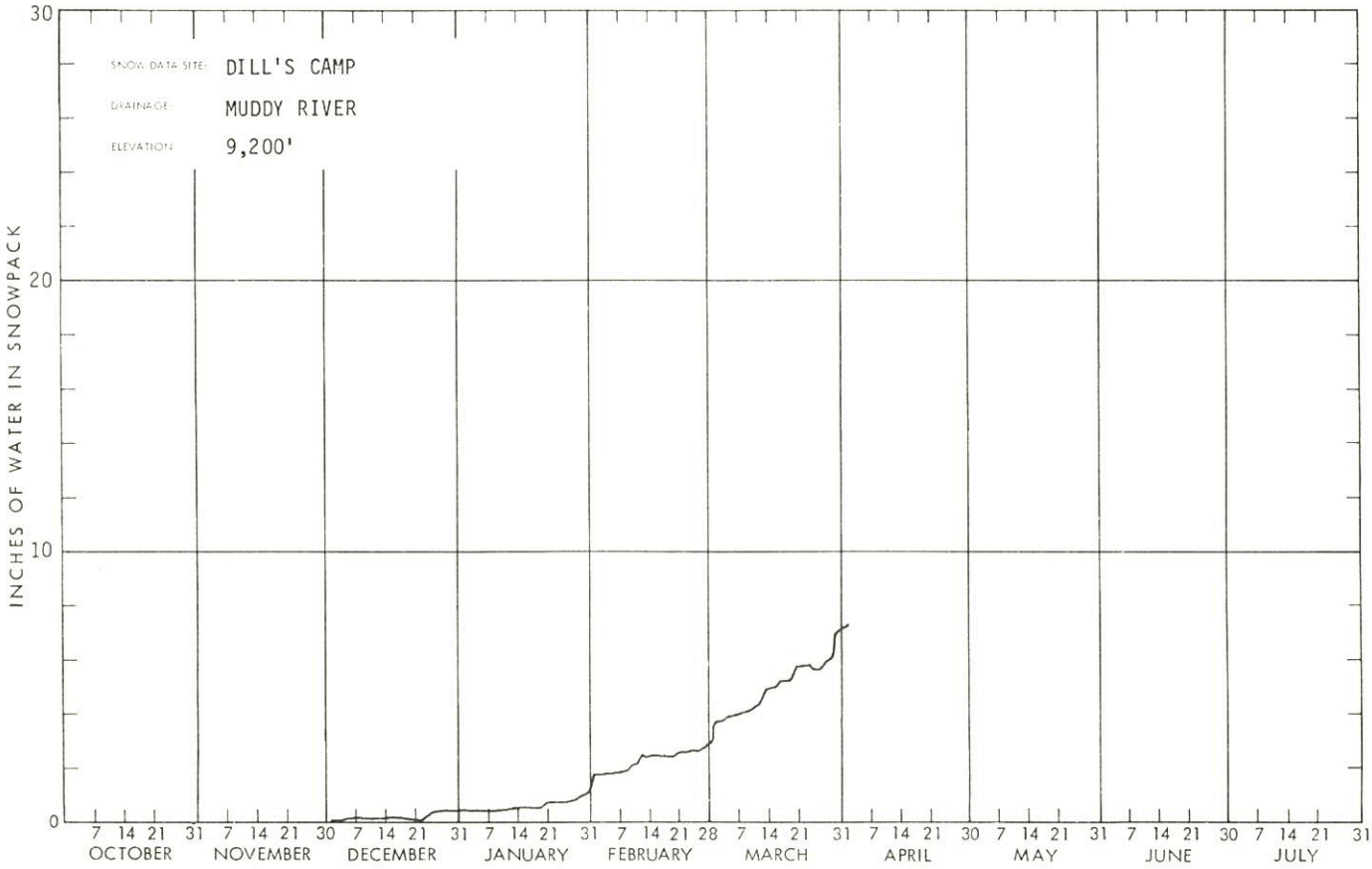

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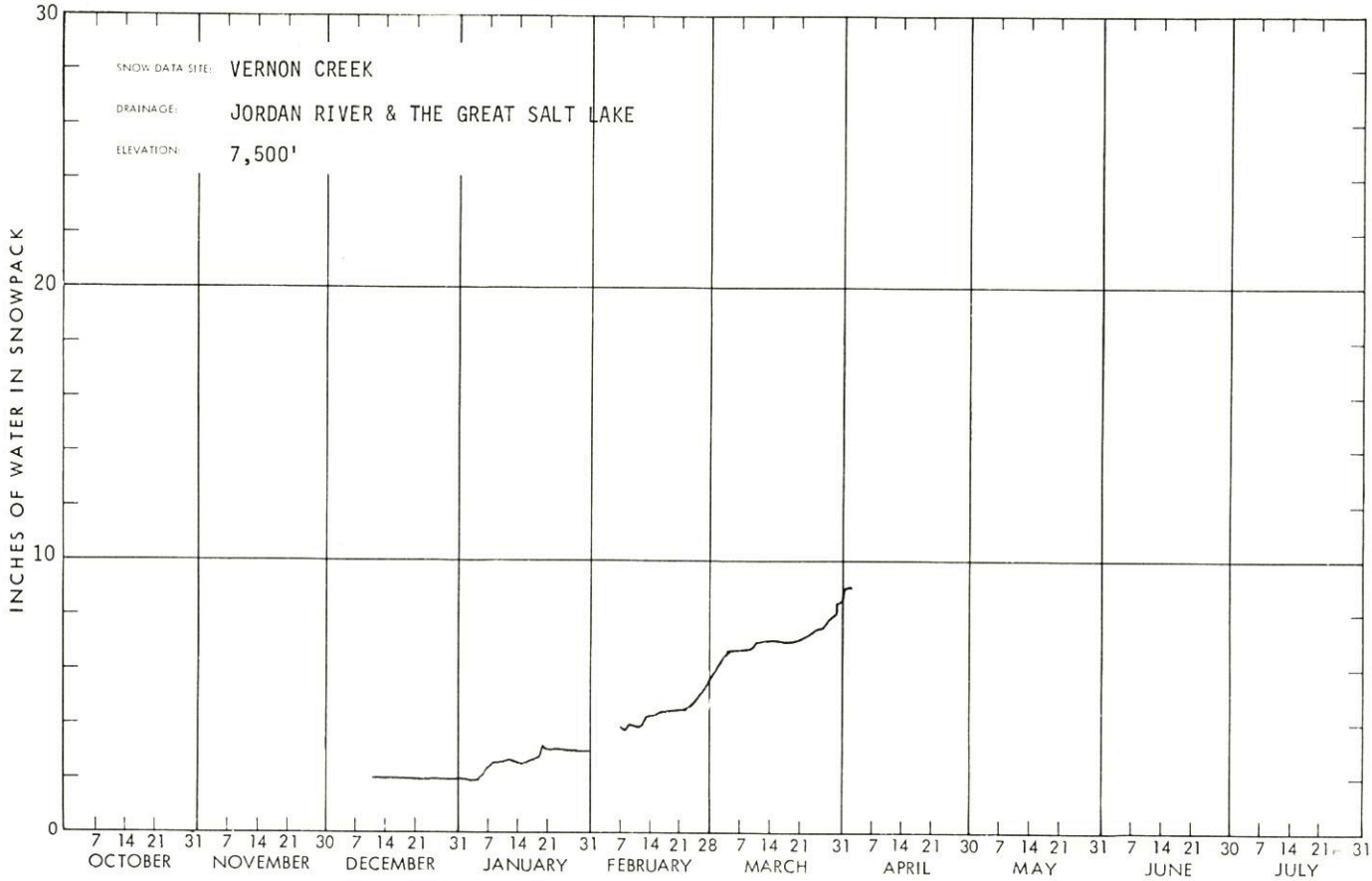
SNOW DATA SITE: VERNON CREEK
DRAINAGE: JORDAN RIVER & THE GREAT SALT LAKE
ELEVATION: 7,500'
INCHES OF WATER IN SNOWPACK
30
20
10
0
7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 31 7 14 21 28 7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 30 7 14 21 31
OCTOBER
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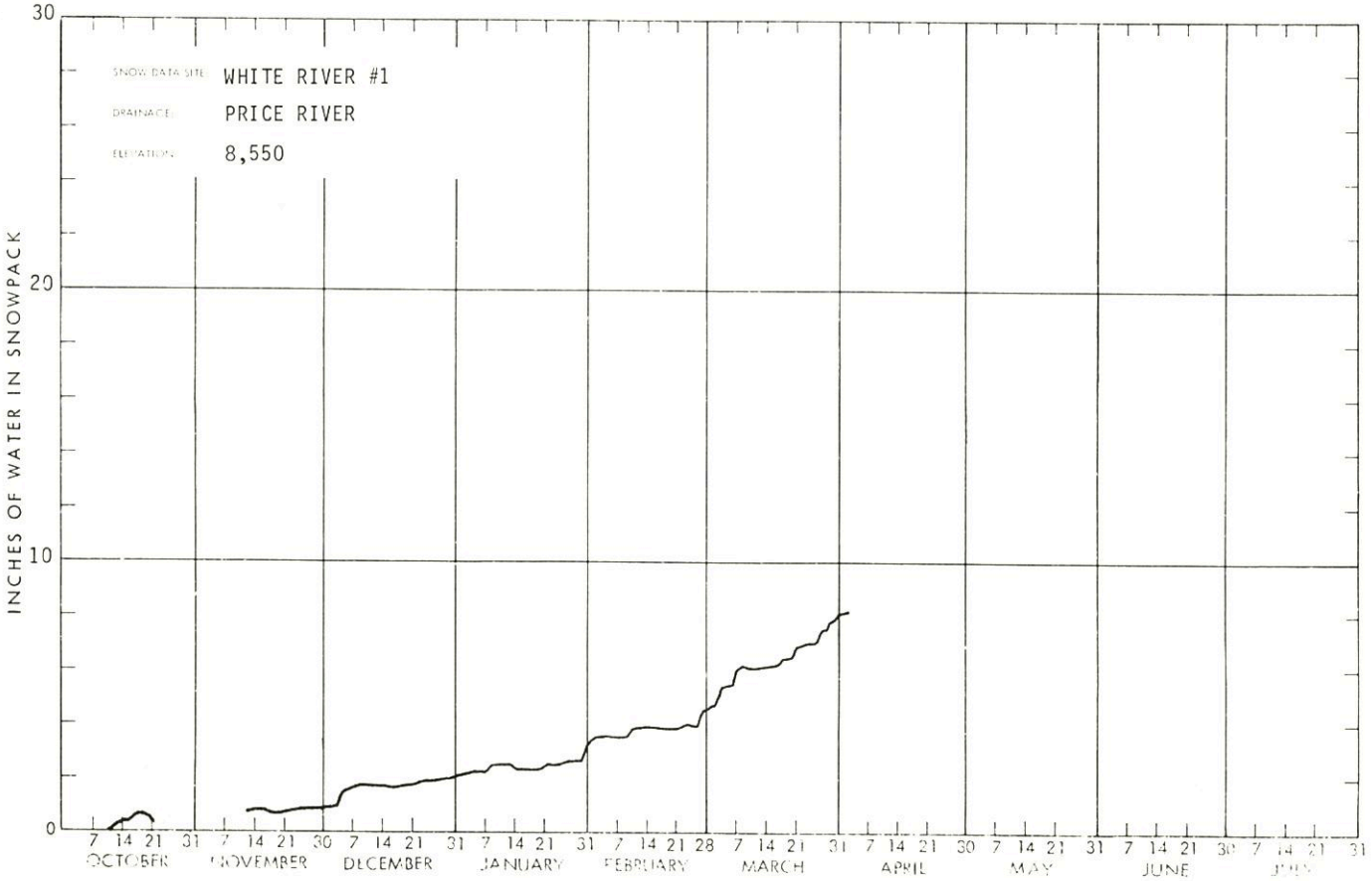
SNOW DATA SITE: WHITE RIVER #1
DRAINAGE: PRICE RIVER
ELEVATION: 8,550
INCHES OF WATER IN SNOWPACK
30
20
10
0
7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 31 7 14 21 28 7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 30 7 14 21 31
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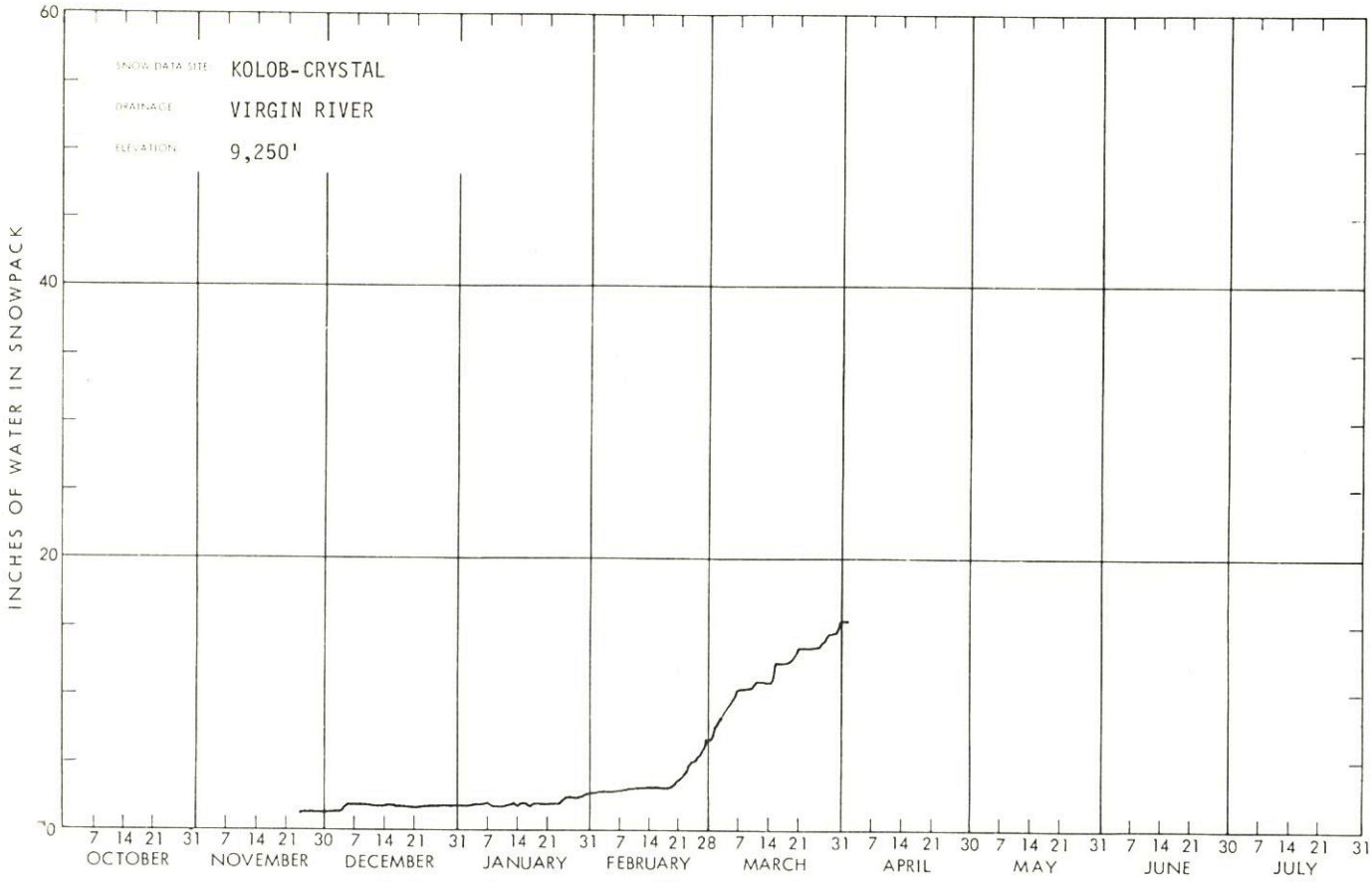
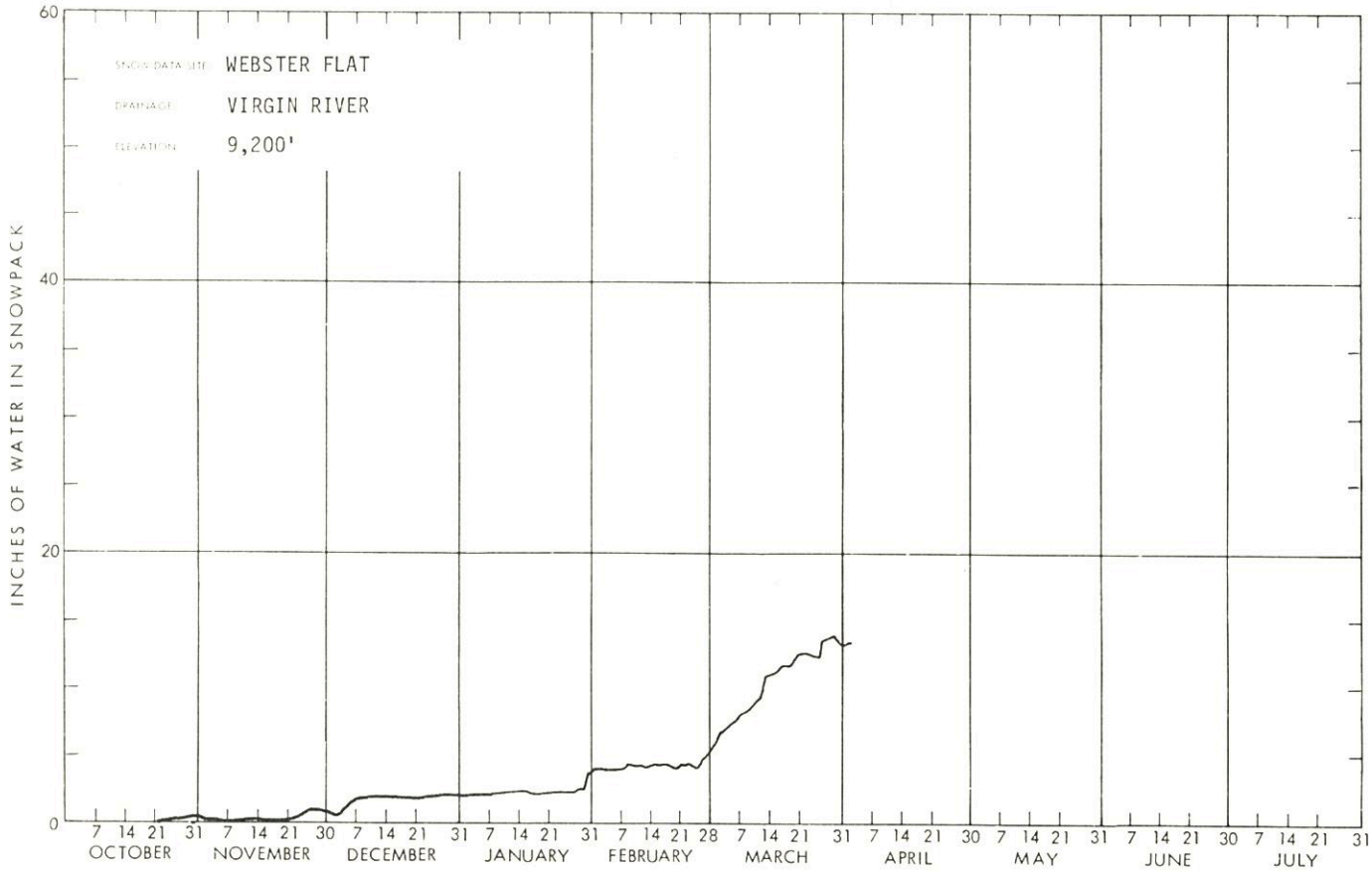

SNOW DATA SITE KOLOB-CRYSTAL
DRAINAGE VIRGIN RIVER
ELEVATION 9,250'
INCHES OF WATER IN SNOWPACK
60
40
20
0
7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 31 7 14 21 28 7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 30 7 14 21 31
OCTOBER NOVEMBER DECEMBER JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY


SNOW DATA SITE WEBSTER FLAT
DRAINAGE VIRGIN RIVER
ELEVATION 9,200'
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

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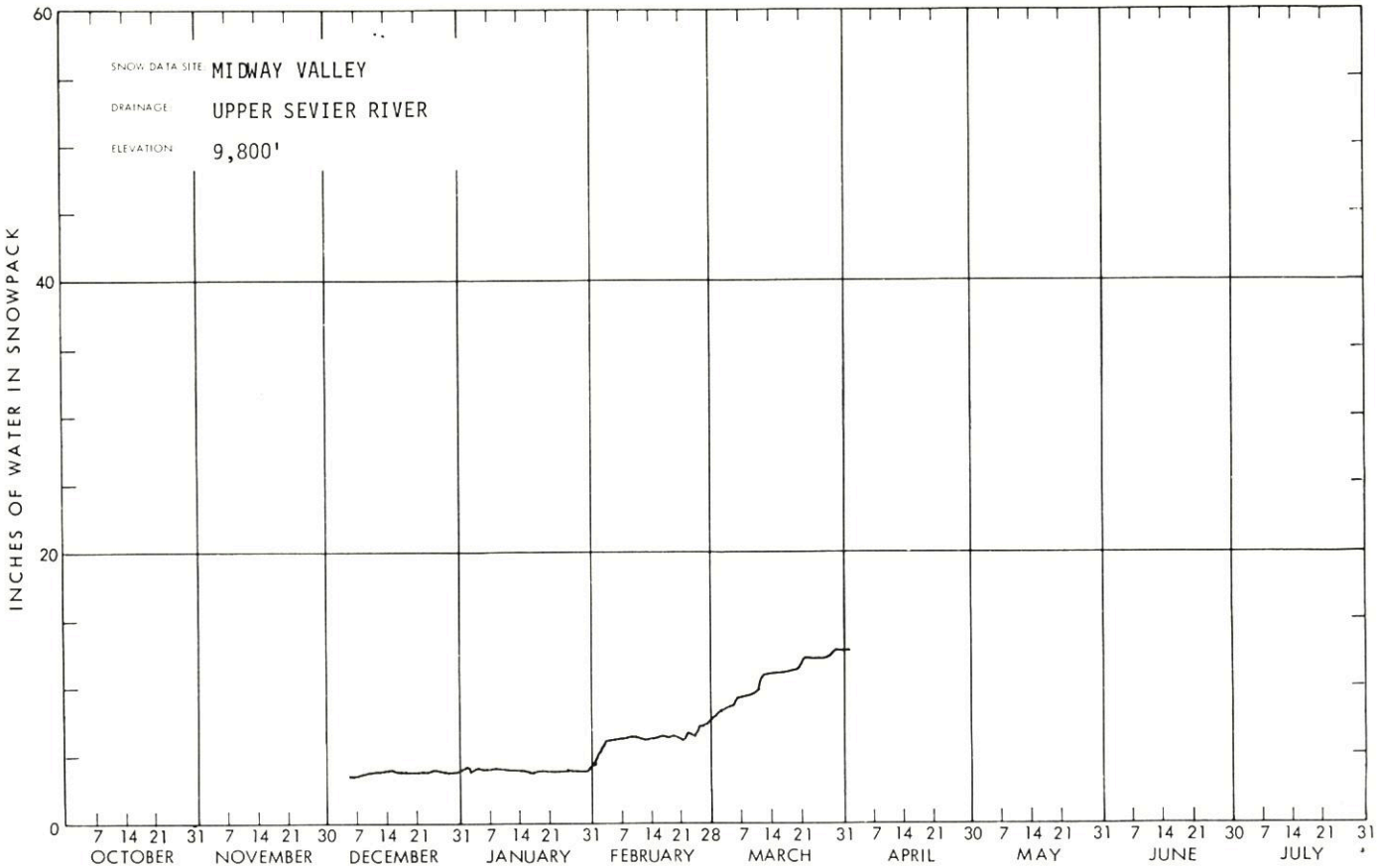

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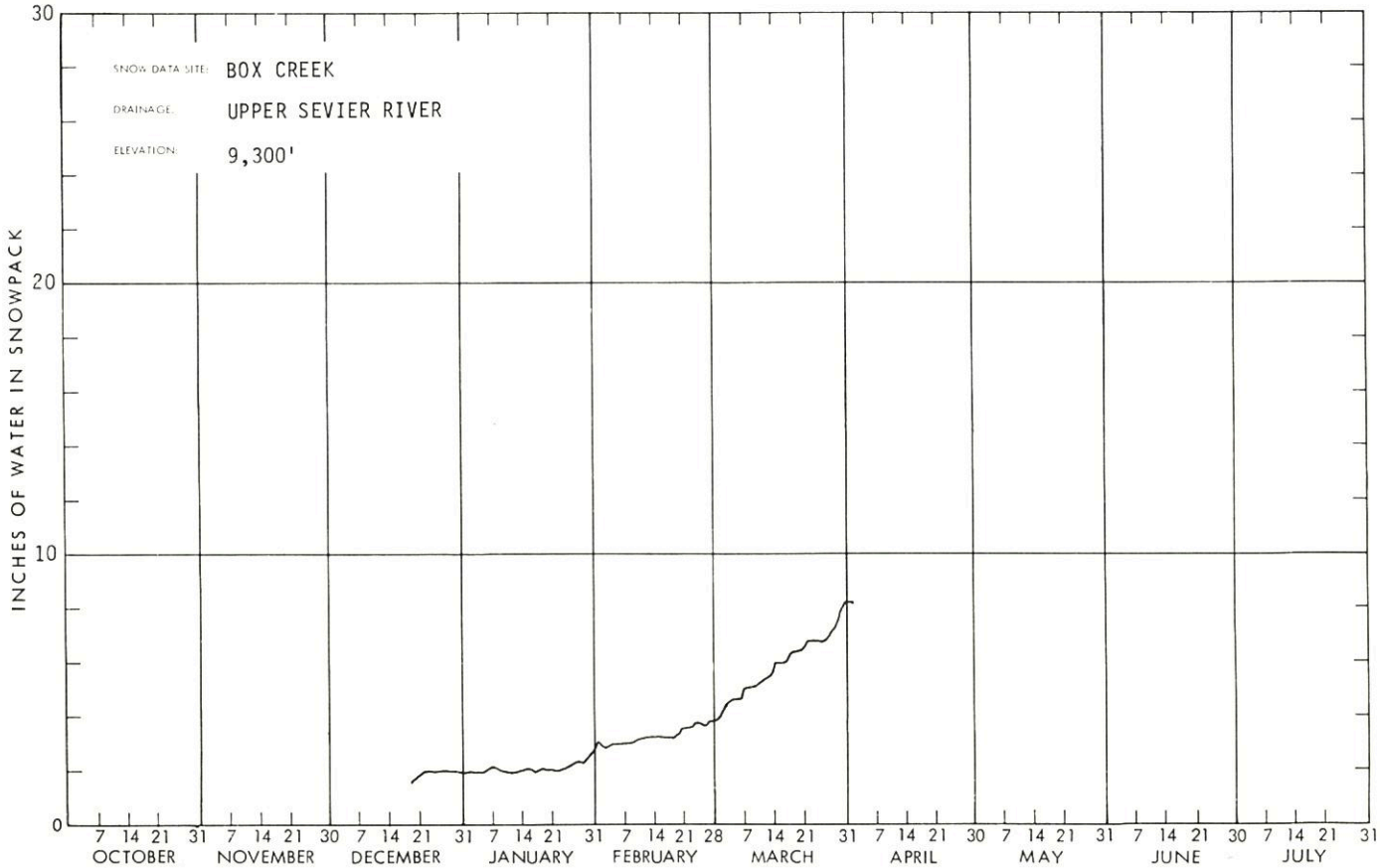

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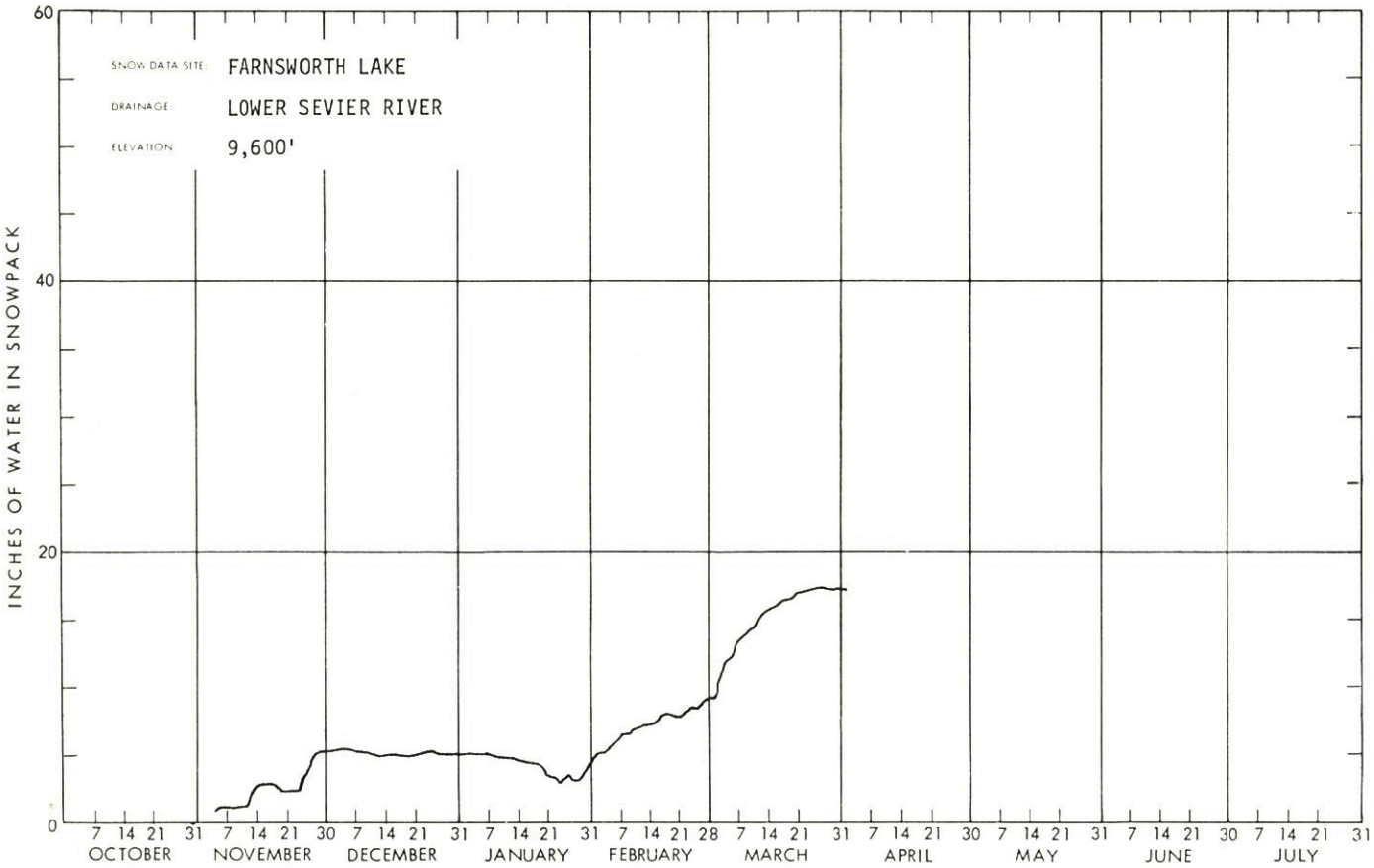
SNOW DATA SITE: FARNSWORTH LAKE
DRAINAGE: LOWER SEVIER RIVER
ELEVATION: 9,600'
INCHES OF WATER IN SNOWPACK
60
40
20
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7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 31 7 14 21 28 7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 30 7 14 21 31
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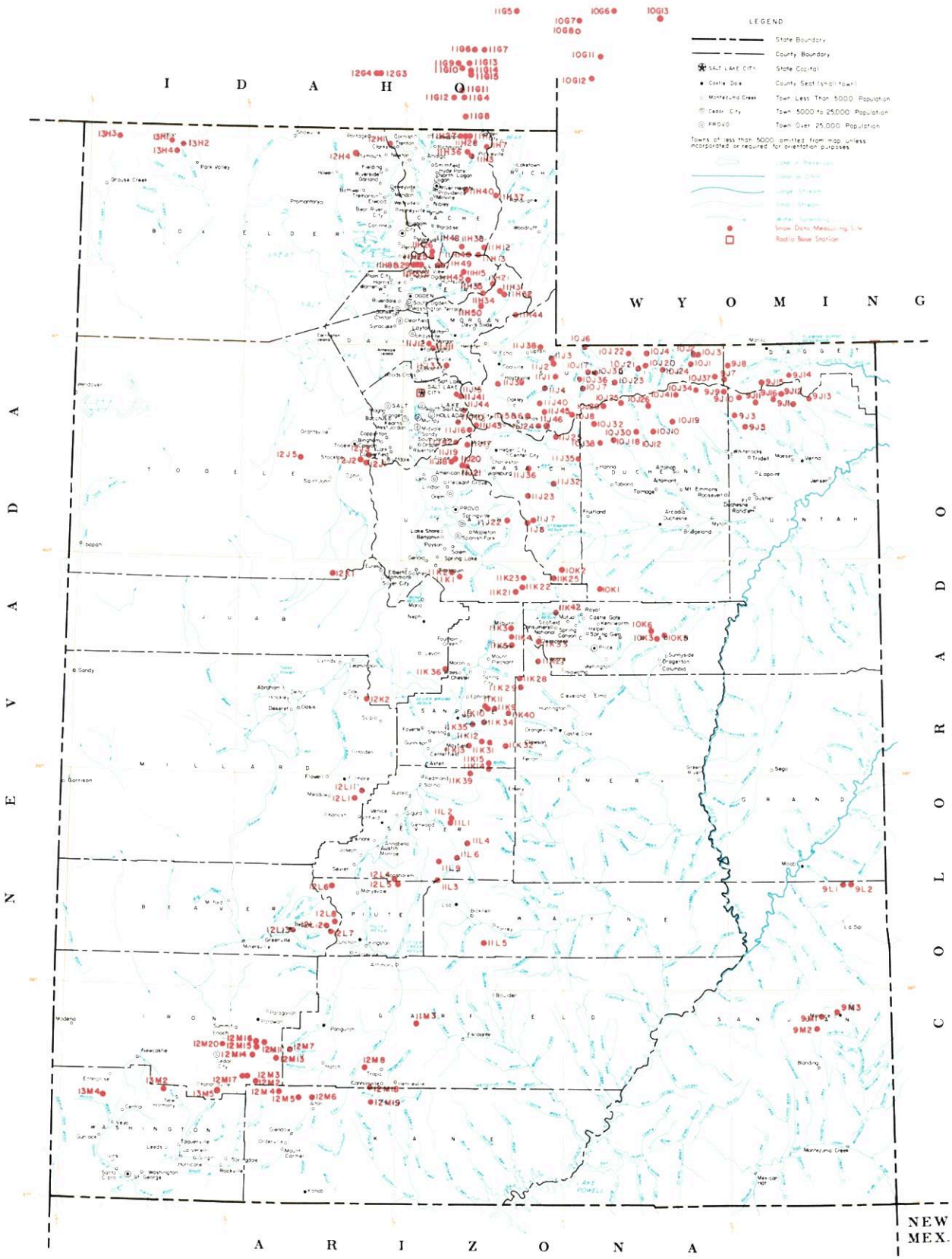

SNOW COURSES AND RELATED DATA MEASURING SITES

UTAH

1981

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

SCALE 1:1,500,000

ALBERS EQUAL AREA PROJECTION

USDA-SCS-PORTLAND OR 1980 M7-UT-2201-7

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
11J36p	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	7,500
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 (Cad 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	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
		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-Whitecrocks 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	23	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

United States
Department of
Agriculture

**Soil
Conservation
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**Salt Lake City
Utah**

WATER SUPPLY OUTLOOK FOR UTAH

in Cooperation with Utah State Department of Natural Resources

May 1, 1981

WATER SUPPLY OUTLOOK FOR UTAH

and

FEDERAL - STATE - PRIVATE COOPERATIVE SNOW SURVEYS

Issued by

NORMAN A. BERG

ADMINISTRATOR
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WASHINGTON, D C.

Released by

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STATE CONSERVATIONIST
SOIL CONSERVATION SERVICE
SALT LAKE CITY, UTAH

In Cooperation with

UTAH STATE DEPT. OF NATURAL RESOURCES

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Report prepared by

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JOAN E. OLSEN, Clerk

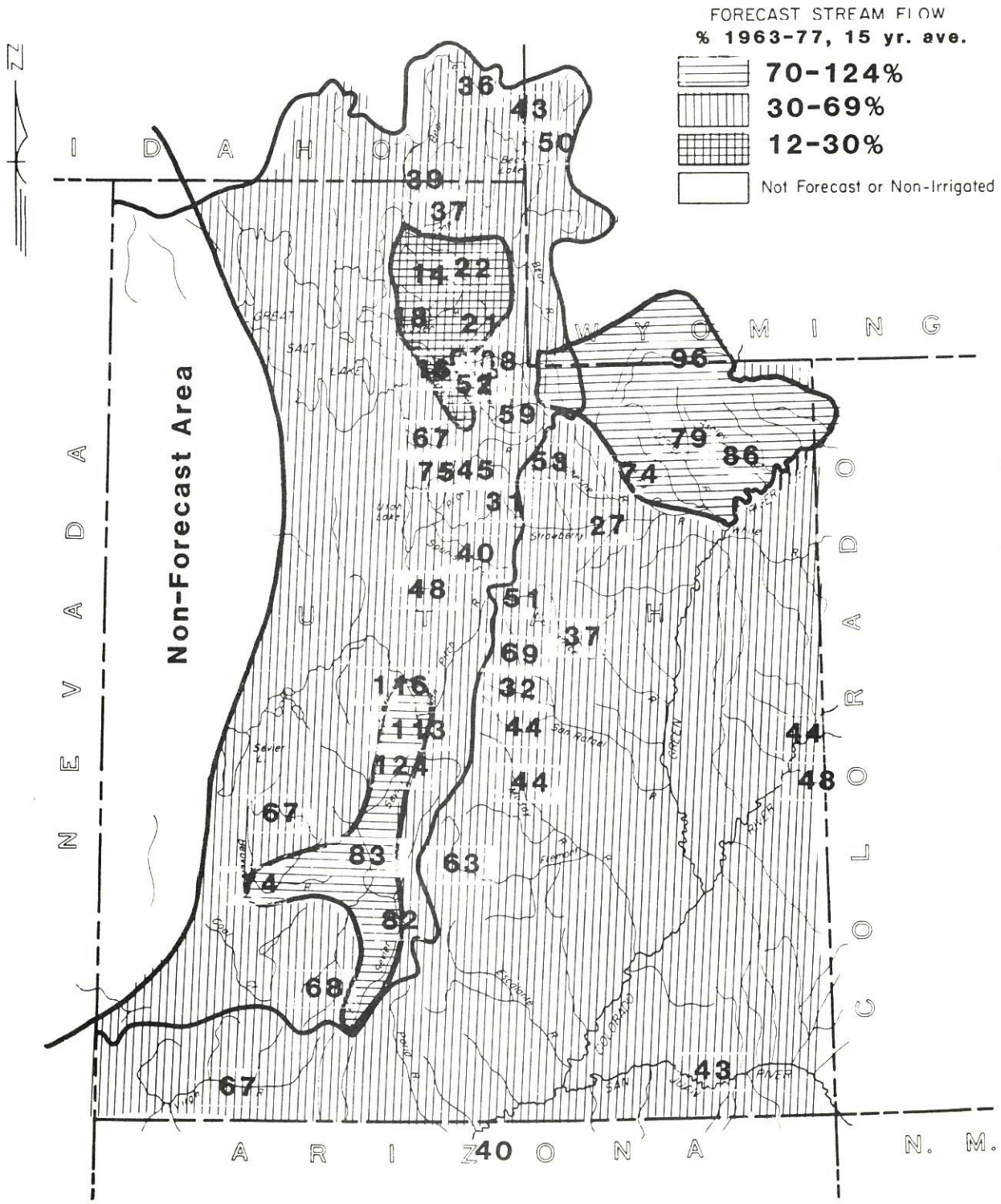
SOIL CONSERVATION SERVICE
SNOW SURVEY SECTION
4420 FEDERAL BUILDING
SALT LAKE CITY, UTAH 84138

PROSPECTIVE WATER SUPPLIES

Based on Snow Surveys Made on UTAH and BEAR RIVER WATERSHEDS

May 1, 1981

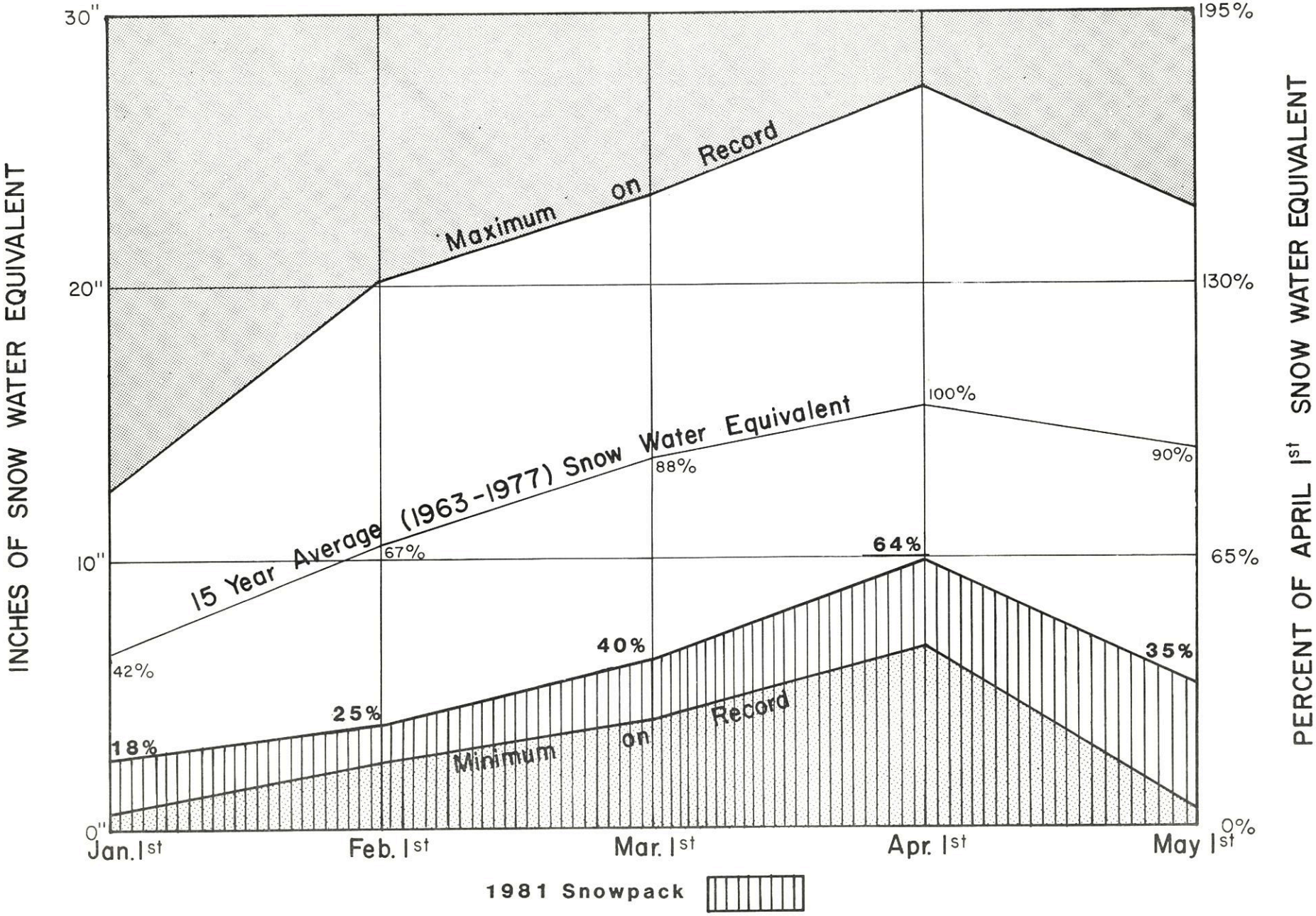
Approximate Date



7-0-16150-L

UTAH'S WINTER SNOWPACK

Data based on 79 selected snow courses



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* * * * * * * * * * * * * * * * * * * * * * * * * * * * * *
* Utah's Water Supply Outlook for the 1981 season still   *
* ranges from "poor" for some water users on natural      *
* streamflow to "good" for most users with reservoir      *
* water rights.  Snow cover remains only at higher        *
* elevations with melt at least a month ahead of normal.  *
* Reservoir storage is 114% of the May 1 average state-   *
* wide and streamflow forecasts range from 12% of average *
* on Woodruff Creek to 124% for the Inflow Sigurd to      *
* Gunnison on the Lower Sevier River.                     *
* * * * * * * * * * * * * * * * * * * * * * * * * * * * * *
```

SNOW COVER

Snow cover remains only at higher elevation snow courses and basin average now range from no snow on the Enterprise-New Harmony, Blue Mountains, Strawberry River and Price River to 82% of average on the Uintah-Whiterocks basin.

Bear River is 31% on the Upper Bear and 32% on the Lower Bear. Logan River is 35% of the May 1 average.

Ogden River is only 29% of average, Weber Basin 47%, Provo-Utah Lake 28%, Jordan River tributaries 20%, and Tooele Valley 30% of the May 1 average.

Uintah Basin watersheds now have 68% of average snow cover on Lake Fork-Yellowstone watershed, 84% on Uintah-Whiterocks, 47% on Ashley Creek, and 77% on Black's Fork on the north slope of the Uintahs.

Price River snow courses had no snow, San Rafael tributaries were 18% of average, Fremont River 6% and LaSal Mountains 31% of the May 1 average.

Snow cover on the South Fork of the Sevier is 48% of average, the East Fork 47% and the Lower Sevier 45% of average.

Beaver River snow cover is 66%, Parowan Creek 36%, Coal Creek 68%, and Virgin River 63% of the May 1 average.

PRECIPITATION

Precipitation at mountain stations had a wide variation during April and ranged from 31% of average at Hickerson Park on the East end of the Uintahs to 180% at Camp Jackson on the Blue Mountains above Blanding. October-April total precipitation now ranges from 48% of average at Sagebrush Flat on the Ogden to 109% at LaSal Upper above Moab.

SOIL MOISTURE

Watershed soils have improved during April by good precipitation and snow melt but are still generally drier than average.

RESERVOIR STORAGE

Reservoir storage in 23 of Utah's key irrigation reservoirs is 114% of the May 1 average and 106% of last year at this time. Most reservoirs are expected to fill except Pineview, Lost Creek, East Canyon, and Strawberry and possibly a few others where early use and reduced streamflow will prevent them from filling.

STREAMFLOW FORECASTS

Streamflow forecasts for the May-July period range from 12% of average on Woodruff Creek to 124% on the Lower Sevier for the Inflow Sigurd to Gunnison.

Generally the forecasts range from 30 to 69% of average over most of the state except an area including the Ogden Basin 18%, Little Bear 14%, Big Creek 15%, and Woodruff Creek 12% of the May-July average.

Two areas with forecasts higher than 70% are the Beaver River 74%, South Fork Sevier 71%, East Fork Sevier 82%, Sevier at Gunnison 116%, the Inflow Vermillion to Gunnison 113%, and Uintah Basin streams - Lakefork Creek 74%, Yellowstone 73%, Uintah River 76%, Whiterocks 79%, Ashley Creek 86%, Henrys Fork 96%, Black's Fork 84%, and Bear River at State Line 72% of the May-July average.

Water users with good reservoir water rights should have a near average irrigation water supply. Water users depending on natural streamflow are expected to have reduced water supplies by mid summer in most areas of the state.

RESERVOIR STORAGE (Thousand Acre Feet) END OF MONTH

Basin or Stream	RESERVOIR	Usable Capacity	Usable Storage		
			This Year	Last Year	Average+
GREAT BASIN					
Bear River	Bear Lake	1421.0	1,070.2	1,116.1	1,098.4
	Woodruff Narrows	55.7	45.5	19.0	25.7
	Birch Creek	2.2			
	Woodruff Creek	4.0			
Beaver River	Minersville (RkyFd)	23.3	24.6	19.9	15.3
Little Bear	Hyrum	15.3	15.7	11.5	13.4
	Porcupine	11.3	8.0	11.4	8.7
Ogden	Causey	6.9	6.9	5.6	2.3[b]
	Pineview	110.1	73.3	83.1	76.9
Provo	Deer Creek	149.7	140.4	127.2	115.1
Settlement Creek	Settlement Creek	1.2	0.7	0.6	
	Vernon Creek	0.6	0.6	0.6	
Sevier River	Gunnison	18.2		18.2	14.9
	Otter Creek	52.5	52.5	49.2	39.5
	Piute	71.8	67.6	50.1	47.1
	Sevier Bridge	236.0	225.4	192.9	144.6
	Panguitch Lake	22.3			
Spanish Fork	Strawberry	270.0	227.2	182.0	166.0
Utah Lake	Utah Lake	883.9	871.6	886.8	775.5
Weber	East Canyon	48.1	42.4	39.7	33.1
	Echo	73.9	70.2	45.4	55.2
	Lost Creek	20.0	18.5	12.3	13.9[b]
	Rockport	60.9	57.4	32.9	37.2
	Willard Bay	193.3	184.7	178.2	162.9
COLORADO RIVER BASIN					
Ashley Creek	Steinaker	33.3	30.1	18.2	23.7
Colorado	Blue Mesa	829.5	390.0	352.1	
	Lake Powell	25002.0	21,512.0	21,569.0	
Green	Flaming Gorge	3749.0	2,955.3	2,381.8	
Lakefork	Moon Lake	35.8	17.7	11.9	19.0
Price River	Scofield	65.8	55.1	45.2	36.9
San Juan	Navajo	1696.0	1,246.0	1,181.0	
San Rafael	Huntington North	3.9	5.4	3.8	3.9[b]
	Joe's Valley	54.6	46.6	37.7	39.1[b]
	Mill Site	16.7	11.7	6.4	
Strawberry	Starvation	165.3	165.3	79.6	
Uintah	Bottle Hollow	11.3	11.3	11.0	

WATER SUPPLY OUTLOOK
BEAR RIVER BASIN in UTAH

UNITED STATES DEPARTMENT OF AGRICULTURE-SOIL CONSERVATION SERVICE
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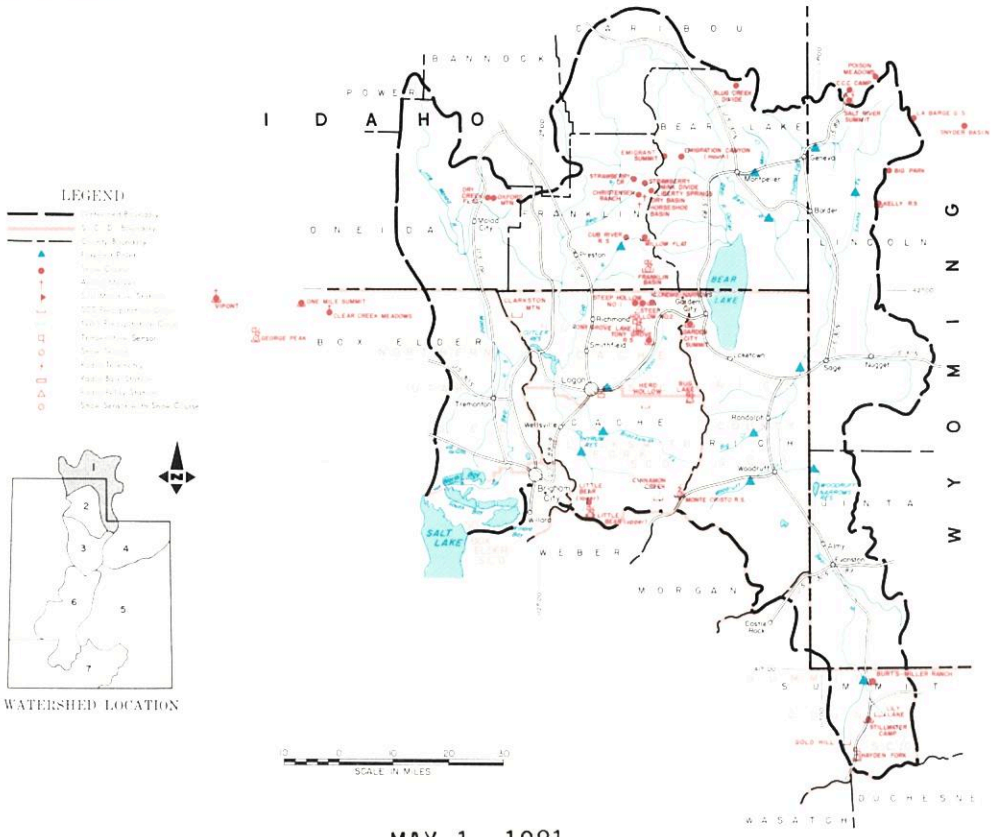

MAY 1, 1981

THE WATER SUPPLY OUTLOOK IS BELOW AVERAGE

SNOW COVER remains only at high elevation and is now 31% of average on the Upper Bear and 32% on the Lower Bear. Logan River is 35% of the May 1 average.

PRECIPITATION at mountain stations ranged from 69% of the April average at Salt River Summit to 112% at Burt's Miller Ranch. The October-April totals now range from 47 to 96% at these same stations.

SOIL MOISTURE under the snow is still drier than normal but improved somewhat as the snow melted at medium elevations.

RESERVOIR STORAGE is near average in all reservoirs except Woodruff Narrows where increased capacity has allowed storage of 45,500 acre feet (177%). Bear Lake holds, 1,070,200 acre feet (97%), Hyrum 15,700 acre feet (117%) and Porcupine 8,000 acre feet (92%).

STREAMFLOW FORECASTS range from 12% (1,900 acre feet) of the May-July average for Woodruff Creek to 72% (78,000 acre feet) for the Bear at State Line. Other main stream forecasts are 58% (73,000 acre feet) at Woodruff, 32% (29,000 acre feet) at Randolph and 36% (98,000 acre feet) at Harer.

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Big Creek is forecast 15% (500 acre feet), Thomas Fork 43% (12,900 acre feet), Smiths Fork 50% (56,000 acre feet), Cub river 39% (19,000 acre feet), Logan River 37% (38,000 acre feet), Blacksmith Fork 22% (7,600 acre feet) and Little Bear 14% (3,600 acre feet).

Water users in this area depending on direct streamflow can expect short water supplies by mid summer.

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WATER SUPPLY OUTLOOK

WEBER-OGDEN WATERSHEDS in UTAH

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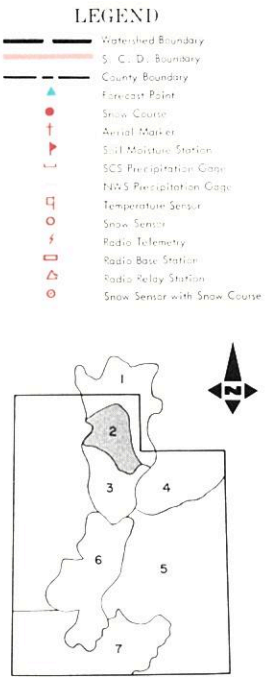

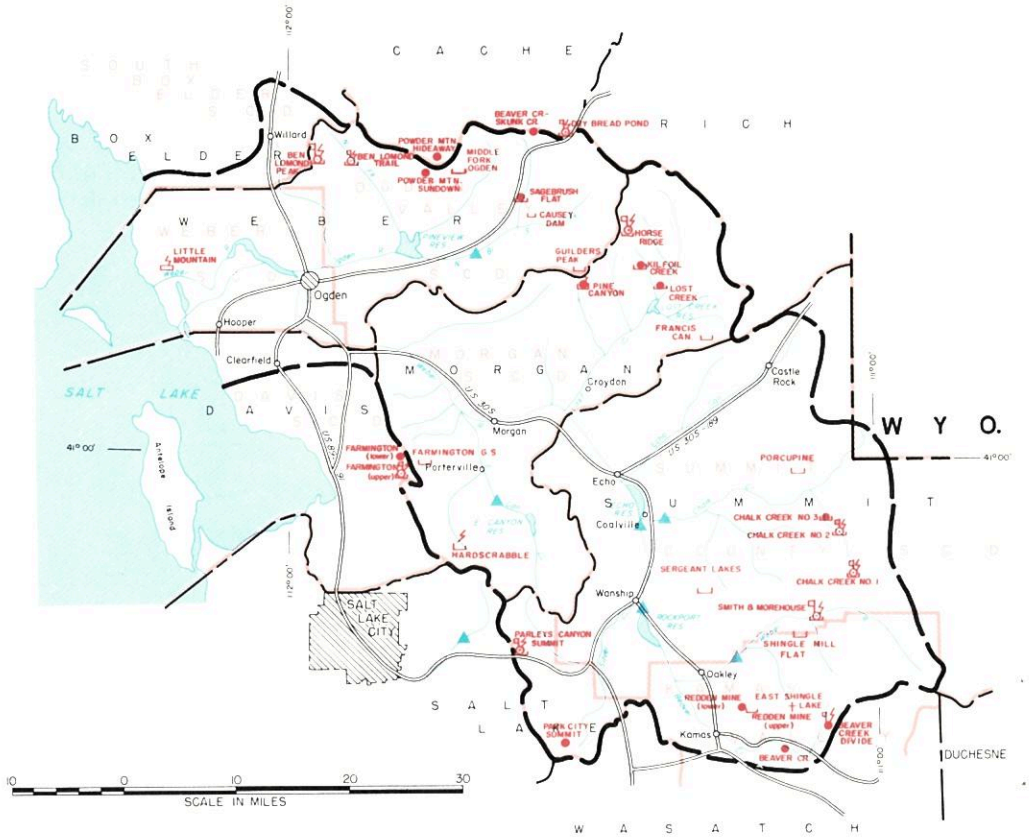

MAY 1, 1981

THE WATER SUPPLY OUTLOOK IS BELOW AVERAGE

SNOW COVER remains only at high elevations and is now only 29% of the May 1 average on the Ogden Basin and 47% on the Weber.

PRECIPITATION at mountain stations ranged from 64 to 75% of the April average on the Ogden and 62 to 115% on the Weber. The October-April totals now range from 48 to 54% on the Ogden and 56 to 94% on the Weber Basin.

SOIL MOISTURE under the snow pack is improving but still drier than normal.

RESERVOIR STORAGE is above average except at Pineview which is 95% (73,300 acre feet). Causey is full, Rockport has 57,400 acre feet (154%), Echo has 70,200 acre feet (127%), East Canyon has 42,400 acre feet (128%), Lost Creek has 18,500 acre feet (133%) and Willard has 184,700 acre feet (113%) as of April 30, 1981. Pineview, Lost Creek, and East Canyon are not expected to fill this season.

STREAMFLOW FORECASTS for the May-June period now range from 16% (2800 acre feet) for East Canyon to 59% (57,000 acre feet) for the Weber at Oakley and Rockport Inflow 52% (51,000 acre feet). Other Weber River forecasts are 42% (44,000 acre feet) at Coalville, 42% (56,000 acre feet) for Echo Inflow to

USDA SCS-PORTLAND, OR 1980 M7-OL-22027-2

42% (86,000 acre feet) at Gateway. Chalk Creek is forecast (12,500 acre feet) 38%, Lost Creek (2,500 acre feet) 20% and Handscrabble (4,400 acre feet) 39% of average. Ogden River is forecast 18% of average (7,600 acre feet) for South Fork and 18% (13,500 acre feet) for inflow into Pineview Reservoir for the May-June period.

Farmington Creek is forecast 46% (3,200 acre feet) for the May-July period.

Water users on natural streamflow are expected to be short of water by mid-season those on reservoir water are expected to have a near average supply although some irrigators may be reduced as much as 25%.

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

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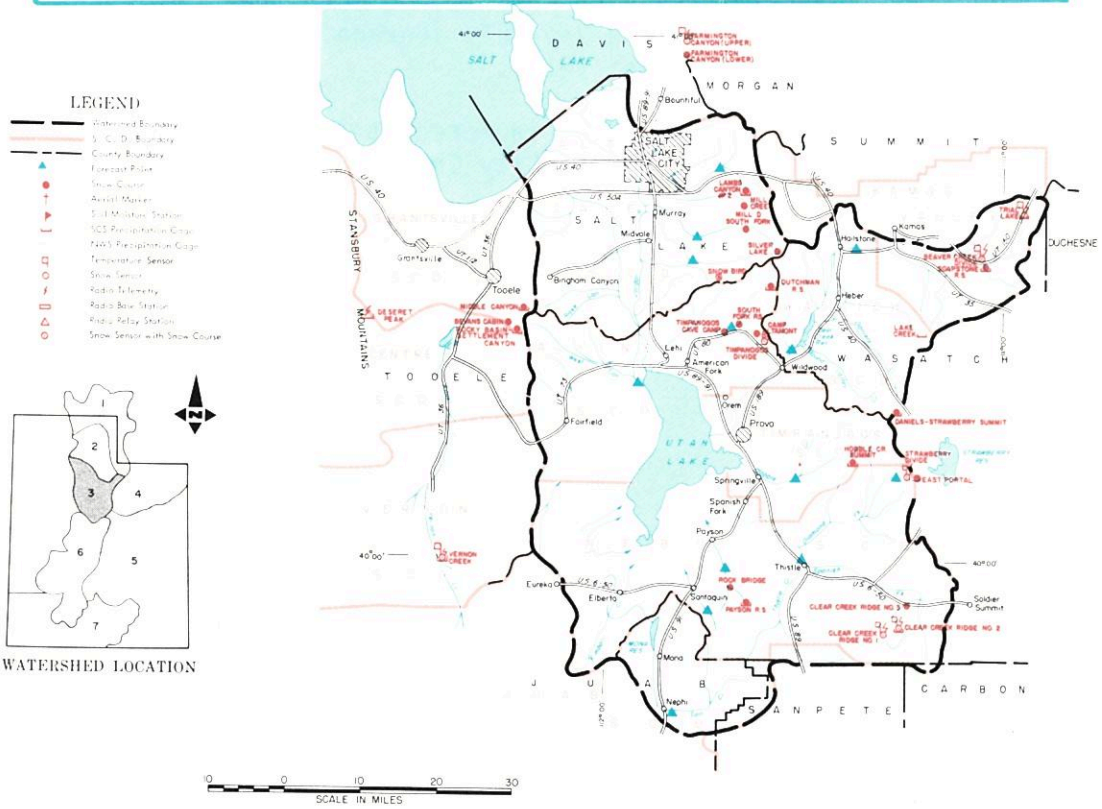
UTAH STATE DEPARTMENT OF NATURAL RESOURCES



MAY 1, 1981

THE WATER SUPPLY OUTLOOK IS BELOW AVERAGE

SNOW COVER ranges from 20% of the May 1 average along the Jordan River above Salt Lake City to 30% for Tooele Valley. The Provo River, Utah Lake tributaries are now 28% of May 1 average snow cover.

PRECIPITATION at mountain stations ranges from 35% of the April average at Rocky Basin to 147% at Vernon Creek. The October-April total now ranges from 70 to 103% of average.

SOIL MOISTURE under the snow is still drier than average but has improved as the snow melts.

RESERVOIR STORAGE is above average. Strawberry now holds 227,200 acre feet (137%), Deer Creek 140,400 acre feet (122%), Utah Lake 871,600 acre feet (112%), Vernon is full and Settlement Canyon has 700 acre feet in storage.

STREAMFLOW FORECASTS range from 13,200 acre feet (31%) on Strawberry Reservoir Inflow and 900 acre feet (31%) on Emigration Creek to 24,000 acre feet (67%) for Little Cottonwood and 23,000 acre feet (67%) for big Cottonwood Creek.

USDA-SCS-PORTLAND OR 1980 M7-OL-22027-3

Provo River is forecast 53,000 acre feet (57%) at Hailstone, 45,000 acre feet (45%) at Deer Creek Dam and 105,000 acre feet (60%) for Utah Lake Inflow. American Fork is forecast 21,000 acre feet (75%), Hobble Creek 4,600 acre feet (32%), Spanish Fork 12,000 acre feet (40%) and Payson Creek 2,000 acre feet (39%) of the May-July average. Strawberry Reservoir Inflow is forecast 13,200 acre feet (31%).

Mill Creek above Salt Lake City is forecast 3,500 acre feet (65%), Parleys Creek 4,200 acre feet (35%) and City Creek 2,800 acre feet (41%).

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WATER SUPPLY OUTLOOK

UINTAH BASIN and DAGGETT SCD's in UTAH

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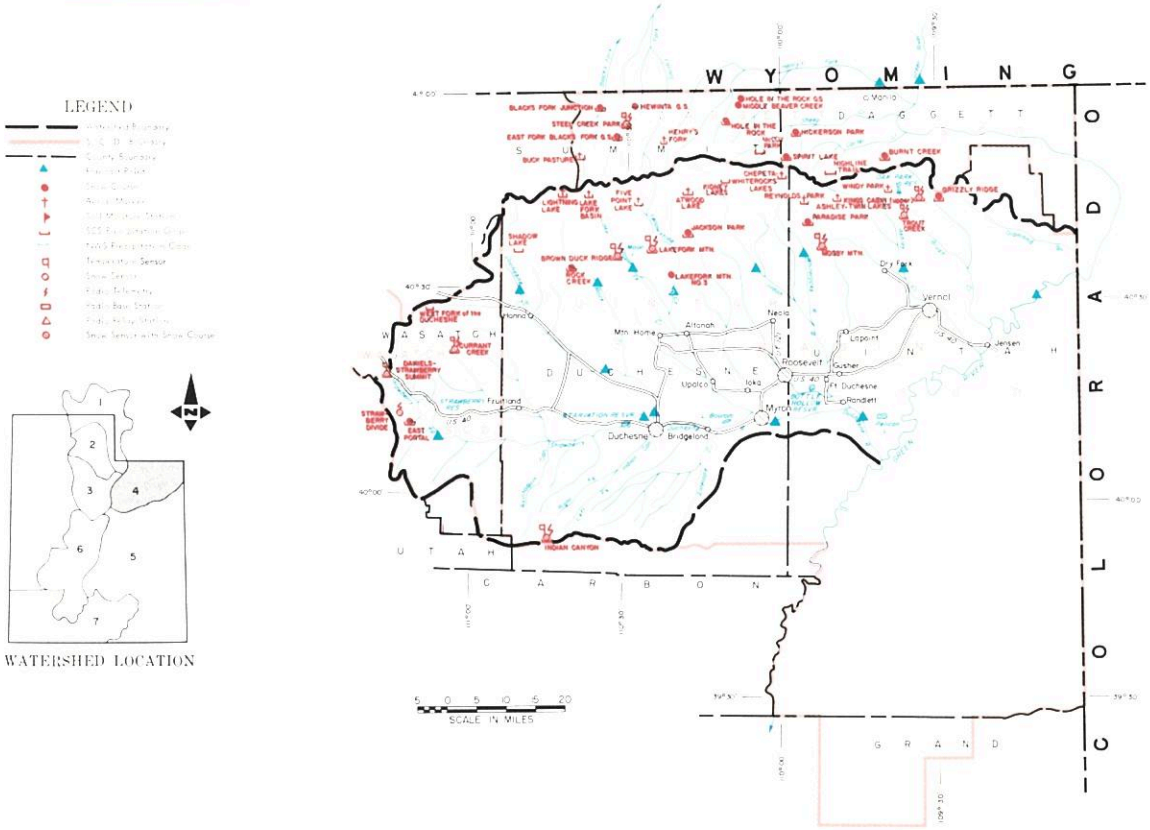

MAY 1, 1981

THE WATER OUTLOOK IS BELOW AVERAGE

SNOW COVER ranges from zero on Strawberry River courses to 82% of average on the Uintah-Whitrocks. Lakefork-Yellowstone snow cover is 68% of the May 1 average, Ashley Creek is 47% and Blacks Fork 77% of average.

PRECIPITATION at mountain stations ranged from 34% of the April average at Spirit Lake to 116% at Currant Creek. The October-April total now ranges from 68% of average at Currant Creek to 106% at Hickerson Park.

SOIL MOISTURE under the snow pack is still below average but improved where snow has melted at medium elevations.

RESERVOIR STORAGE is near or above average. Steinaker now has 30,100 acre feet (127%), Moon Lake 17,700 acre feet (93%), Starvation and Bottle Hollow are reported full.

STREAMFLOW FORECASTS now range from 27% (13,000 acre feet) of the May-July averge for Strawberry at Duchesne to 96% (47,000 acre feet) for Henrys Fork for the May-Spetember period. The Duchesne is forecast 53% (52,000 acre feet) at Tabiona, 53% (95,000 acre feet) at Duchese, 41% (78,000 acre feet) at Myton, and 34% (75,000 acre feet) at Randlett.

USDA SCS PORTLAND OR 1980 M7-OL-22027-4

Rock Creek is forecast 66% (60,000 acre feet), Lakefork Creek 74% (52,000 acre feet), Yellowstone 73% (46,000 acre feet), Uintah 76% (65,000 acre feet), Whiterocks 79% (46,000 acre feet), Ashley creek 86% (43,000 acre feet), and Blacks Fork 84% (76,000 acre feet).

Water users in this area with late direct streamflow rights can expect water shortages by mid summer.

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

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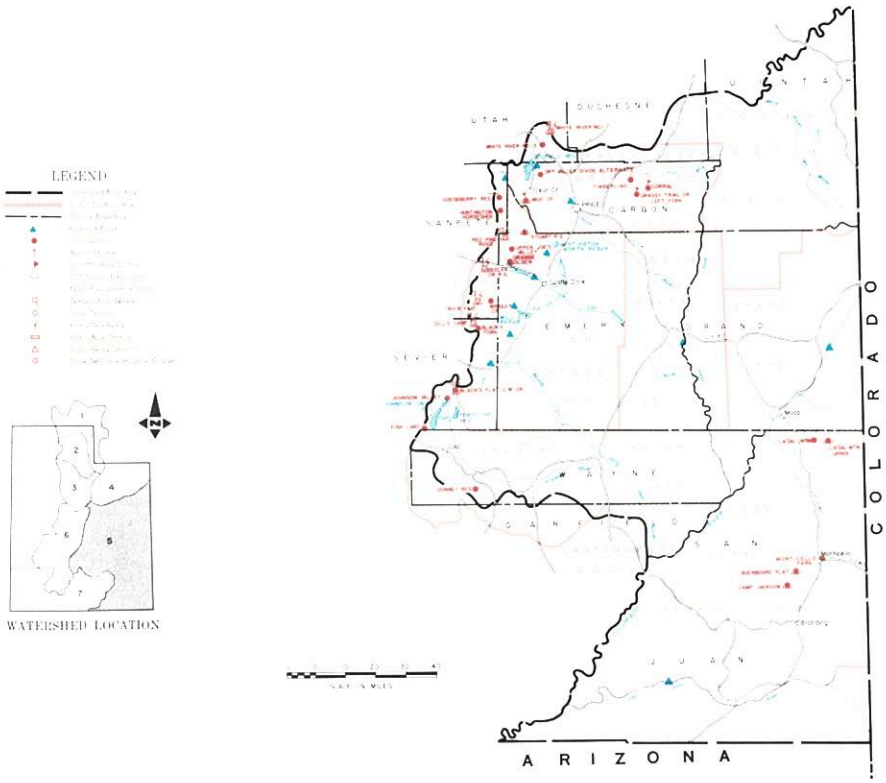

MAY 1, 1981

THE WATER SUPPLY OUTLOOK IS BELOW AVERAGE

SNOW COVER ranges from no snow on courses on Blue Mountains and Price River to 18% of the May 1 average on San Rafael snow courses. Fremont River is only 6% of the May 1 average. Snow remains only in the highest, more protected areas.

PRECIPITATION at mountain stations varied from 62% of the April average at White River #1 to 180% at Camp Jackson on Blue Mountains. The total October -April now ranges from 64% at Stuart Ranger Station on Huntington Creek to 109% at LaSal Mountain Upper.

SOIL MOISTURE is still drier than normal but improving as snow melt soaks in.

RESERVOIR STORAGE is above average with Scoffield at 55,100 acre feet (149%), Joes Valley 46,600 acre feet (119%), and Mill Site 11,700 acre feet. Fremont River reservoirs are reported full and spilling.

USDA-NCS-PORTLAND, OR 1980 M7-OL-22027-5

STREAMFLOW FORECASTS now range from 32% of the May-July average on Cottonwood Creek to 69% on Huntington Creek. Price River is forecast 4,800 acre feet (51%) for Gooseberry Creek, 19,000 acre feet (59%) for Scoffield Inflow, and 19,000 acre feet (37%) near Heiner. Ferron Creek is forecast 13,900 acre feet (44%) and Muddy Creek 6,800 acre feet (44%). Seven Mile Creek below Fish Lake is forecast 3,600 acre (63%) and Mill Creek near Moab 2,100 acre feet (48%) for the May-July period.

The Colorado River is forecast 1,200,000 acre feet (44%) for the April-July period, Green River 1,450,000 acre feet (49%), and San Juan near Bluff 375,000 acre feet (43%).

Water Users in this area without reservoir storage can expect short water supplies by mid-summer.

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WATER SUPPLY OUTLOOK

SEVIER RIVER BASIN including BEAVER RIVER in UTAH

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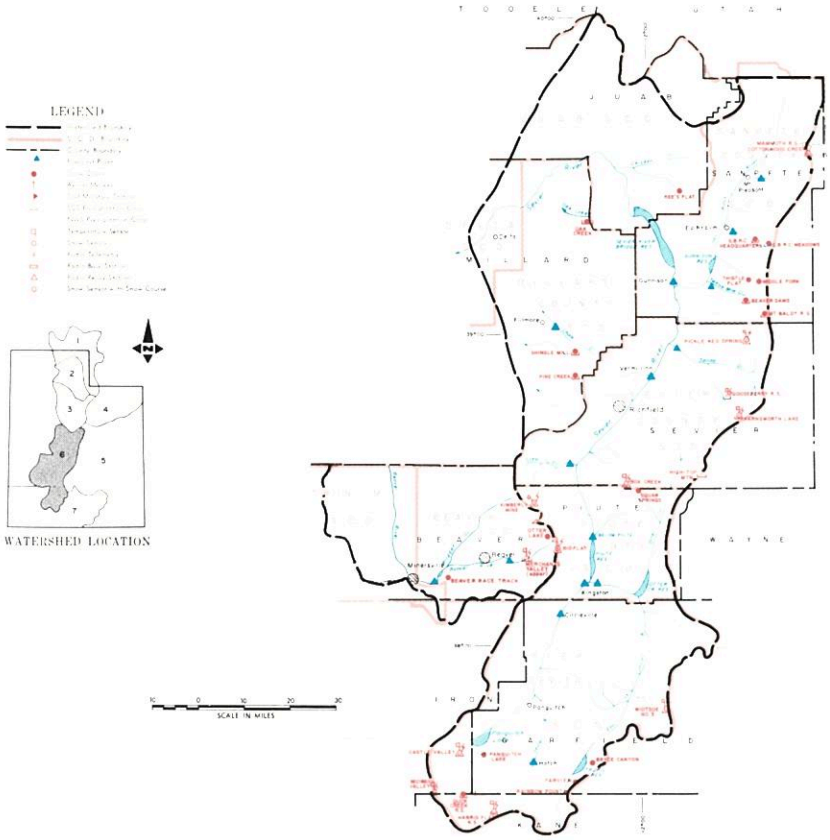

May 1, 1981

THE WATER SUPPLY OUTLOOK IS AVERAGE TO WELL BELOW AVERAGE

SNOW COVER ranges from 45% of the May 1 average on the Lower Sevier to 66% on Beaver River. The East Fork Sevier is 47% and the South Fork 48% of average. Snow remains on only the high elevations of the watershed.

PRECIPITATION at mountain stations varied from 65% of the April average at Mt. Baldy Ranger Station to 153% at Merchant Valley on the Beaver River. The October-April total ranges from 50% of average at G.B.R.C. Oaks to 105% at Panguitch Lake.

SOIL MOISTURE is still drier than normal but improved as snow melt soaks in.

RESERVOIR STORAGE is well above average with Gunnison, Otter Creek and Minersville full and Piute with 67,600 acre feet (144%), and Sevier Bridge 225,400 acre feet (156%).

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

STREAMFLOW FORECASTS now range from 300 acre feet (30%) for Oak Creek for the May-July period to 27,000 acre feet (124%) for the inflow Sigurd to Gunnison for the April-June period. The Sevier River is forecast 24,000 acre feet (68%) at Hatch, 15,000 acre feet (65%) at Circleville, 12,000 acre feet (71%) at Kingston, 8,500 acre feet (82%) for East Fork, 22,000 acre feet (83%) at Piute Dam, 40,000 acre feet (71%) for the inflow Kingston to Vermillion, 39,000 acre feet (113%) for the inflow Vermillion to Gunnison, and 44,000 acre feet (116%) near Gunnison.

Antimony Creek is forecast 5,000 acre feet (88%), Clear Creek 8,500 acre feet (55%), Ephraim Creek 6,100 acre feet (46%) and Pleasant Creek 5,100 acre feet (65%) for the May-July period.

Chalk Creek near Fillmore is forecast 6,400 acre feet (49%), Chicken Creek 1,100 acre feet (46%), and Salt Creek near Nephi 4,800 acre feet (48%) of the May-July average.

Beaver River is forecast 13,400 acre feet (74%) at Beaver, 2,800 acre feet (52%) for Minersville Inflow, and North Creeks 8,000 acre feet (67%) for the May-July period.

Water users in this area with reservoir storage rights are expected to have a good water supply. Water users with only natural streamflow rights are expected to have reduced supplies by mid season.

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

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"The Conservation of Water begins with the Snow Survey"

WATER SUPPLY OUTLOOK

EAST GARFIELD, KANE, WASHINGTON and IRON COUNTIES in UTAH

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

MAY 1, 1981

THE WATER SUPPLY OUTLOOK IS BELOW AVERAGE

SNOW COVER ranges from no snow on courses in the Enterprise-New Harmony area to 68% of the May 1 average on Coal Creek snow courses. Virgin River snow cover is 63% of average and Parowan Creek 36% of average. Snow remains on only high elevation snow courses.

PRECIPITATION at mountain stations ranges from 116% of the April average at Yankee Reservoir to 182% at Little Grassy Creek above Enterprise. The October-April totals now range from 53% of average at Little Grassy to 95% at Webster Flat.

SOIL MOISTURE is still drier than average at high elevations but improved where snow has melted and soaked in.

RESERVOIR STORAGE is reported as good.

STREAMFLOW FORECASTS now range from 40% of average (2,800,000 acre feet) for the Inflow to Lake Powell to 67% (20,000 acre feet) for Virgin River at Hurricane and 67% (9,500 acre feet) for Coal Creek. Santa Clara River is forecast 50% (1,900 acre feet) for the April-June period.

USDA SCS PORTLAND, OR 1980 M7-OL-22027-7

Water users in this area without reservoir storage rights can expect to have reduced water supplies by mid summer.

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"The Conservation of Water begins with the Snow Survey"

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	4/25	0	0.0	1.5	3.0	4/25	2.98	2.65b	14.08	14.66b	96
CCC Camp	4/29	0	0.0	5.4	10.4						
Hayden Fork	4/25	26	10.4	18.3	16.7	4/25	3.81	4.08b	19.75	24.14	82
Monte Cristo R.S.	4/24	28	11.0	25.5	27.6	4/24	4.96	5.22	18.79	31.17	60
Salt River Summit	4/29	5	1.1	10.0	15.4	4/29	1.75	2.53	9.31	19.76	47
Stillwater Camp	4/25	12	4.3	11.4	10.2b	4/25	3.47[a]	3.40	14.21a	15.79	90
Lily Lake	4/25	31	10.3	17.3	--	4/25	4.19		17.85		
LOWER BEAR RIVER (Below Harer, Idaho)											
Bug Lake	4/24	19	6.5	17.4	19.2a	4/24	3.75	--	14.52	--	
Cub River R.S.	4/24	0	0.0	0.0	0.0						
Emigrant Summit	4/30	9	3.3	19.4	24.9						
Franklin Basin	4/24	30	11.7	23.0	27.0[a]	4/24	4.13	--	20.85	--	
Garden City Summit	4/24	13	4.2	15.9	18.5	4/24	2.51a	3.10		22.33	
Klondike Narrows	4/24	1	0.2	12.3	16.8	4/24	3.05	3.75b	14.14	27.60b	51
Little Bear (lower)	4/24	0	0.0	0.0	2.1						
Little Bear (upper)	4/24	0	0.0	0.0	6.7	4/24	3.56	--	16.02	--	
Slug Creek Divide	4/29	0	0.0	17.9							
Steep Hollow #1	4/24	52	20.7	35.5	40.8						
Steep Hollow #2	4/24	21	8.8	20.2	25.2						
Tony Grove Lake	4/24	35	14.0	34.4	37.6a	4/24	4.88	--	20.99	--	
Tony Grove R.S.	4/24	0	0.0	0.0	3.8	4/24	2.74	--	11.81	--	
Willow Flat	4/24	0	0.0	2.3	5.5b	4/24	3.50	4.62b	16.27	27.51	59
OGDEN RIVER											
Beaver Creek-Skunk Creek	4/24	0	0.0	4.5	7.1						
Ben Lomond Peak	4/24	38	15.1	42.2	37.2						
Ben Lomond Trail	4/24	0	0.0	9.1	7.7b	4/24	3.45	5.38b	17.19	34.12b	50
Causey Dam	4/24	0	0.0			4/24	1.54	2.42	8.43	16.64	51
Dry Bread Pond	4/24	13	5.7	19.4	19.0	4/24	3.31	4.44b	13.71	25.28	54
Sagebrush Flat	4/24	0	0.0	0.0	0.0	4/24	1.59a	2.48b	8.04	16.83	48
WEBER RIVER											
Beaver Creek R.S.	4/25	0	0.0	4.8	1.3						
Chalk Creek #1	4/25	51	19.5	26.3	25.4	4/25	5.56	--	24.30	--	
Chalk Creek #2	4/25	27	9.9	16.2	15.3	4/25	4.50	--	17.63	--	
Chalk Creek #3	4/25	0	0.0	6.3	3.5	4/25	3.96	3.45b	16.41	17.39b	94
Farmington Canyon (lower)	4/24	36	15.6	22.4	22.5	4/24	3.93	6.29b	23.50	33.92	69
Farmington Canyon (upper)	4/24	46	19.9	32.4	33.3	4/24	4.19	--	25.79	--	
Farmington G.S.	4/24	18	7.7a			4/24	4.00	6.16b	24.34	33.24b	73
Horse Ridge	4/24	15	5.9	18.7	20.8b	4/24	3.77	4.74b	15.80	28.38	56
Kilfoil Creek	4/24	4	1.3	13.0	10.3b						
Lost Creek Reservoir	4/24	0	0.0	0.0	0.0b	4/24	1.95	--	13.28	--	
Park City Summit	4/23	48	20.0	22.7	--						
Parley's Canyon Summit	4/30	1	0.4	13.1	14.6	4/30	3.93	5.03	19.75	27.58	72
Redden Mine (lower)	4/25	25	10.0	19.8	18.3	4/25	4.98	--	19.03	--	
Smith & Morehouse	4/25	9	2.6	12.3	10.0	4/25	3.83	4.26	20.04	22.01	91
East Shingle Lake (A)	4/30	36	13.0								
Sargeon Lake (A)	4/30	12	4.4								
PROVO RIVER & UTAH LAKE											
Beaver Creek Divide	4/25	0	0.0	8.7	8.7a	4/25	3.81	--	--	--	
Camp Altamont	4/28	0	0.0	13.8	7.7						
Clear Creek Ridge #1	4/26	17	6.5	19.4	17.7	4/26	2.30	2.60a	22.17	29.80a	
Clear Creek Ridge #2	4/26	4	1.1	5.0a	10.5	4/26	2.16	3.31	13.91	19.37	72
Clear Creek Ridge #3	4/26	0	0.0	0.0	0.1						
Dutchman R.S.	4/28	0	0.0	20.0	9.8	4/28	3.15	4.17b		24.99	
Hobble Creek Summit	4/27	0	0.0	5.8	7.7	4/27	3.55	3.20	15.35	20.39	75
Payson R.S.	4/24	14	4.7	12.4	15.8	4/24	2.43	3.58	15.10	21.53	70
Soapstone R.S.	4/25	0	0.0	9.2	7.9	4/25	3.34	3.57	16.00	19.79	81
South Fork R.S.	4/28	0	0.0	0.0	--						
Timpanogos Cave Camp	4/28	0	0.0	0.0	--						
Timpanogos Divide	4/28	17	7.2	34.2	22.0	4/28	3.35	4.30	23.27	29.39	79
Trial Lake	4/25	48	17.4	32.1	26.1	4/25	2.01	4.89	20.15	28.73	70

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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 o 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											
Deseret Peak	4/29	35	14.8	34.0		4/29	1.90		22.76		
Bevan's Cabin	4/30	0	0.0	1.5	5.9						
Lamb's Canyon #2	4/30	0	0.0	8.2		4/30	4.07		15.81		
Middle Canyon	4/30	0	0.0	6.4	10.4	4/30	4.20	4.28[b]	20.90	20.20	103
Mill Creek	4/30	24	8.9	18.8							
Mill D South Fork	5/1	0	0.0	14.8	16.2						
Mt. Dell Dam											
Rock Basin-Settlement Canyon	4/29	39	15.2	33.2	30.2	4/29	1.90	5.36[b]	20.59	29.37	70
Silver lake (Brighton)	5/1	19	8.7	37.8	27.6						
Snow Bird (Gad Valley)											
Vernon Creek	4/29	0	0.0	6.5	4.0[b]	4/29	3.80	2.58[b]	14.10	17.85	79
UPPER SEVIER RIVER (South of Richfield, Utah)											
Box Creek	4/25	17	5.5	16.1	12.1	4/25	3.40	2.99	15.31	16.88	91
Bryce Canyon	4/27	0	0.0	0.0							
Castle Valley	4/25	8	2.7	13.4	7.2	4/25	3.42	3.24	16.21	17.13	95
Duck Creek R.S.	4/25	0	0.0	18.1	7.8	4/25	2.88	3.11	15.87	19.64	81
Farview	4/27	0	0.0	6.3							
Harris Flat	4/25	0	0.0	4.4	2.1	4/25	1.44		10.05		
Kimberly Mine	4/25	23	8.3	21.2	15.8	4/25	5.03	4.44[b]	18.60	22.61	82
Midway Valley	4/25	38	15.3	36.6	21.5	4/25	5.44				
Panguitch Lake	4/25	0	0.0	0.0	0.8	4/25	2.07	1.50	9.82	9.39	105
Rainbow Point	4/25	0	0.0	10.6							
Squaw Springs	4/25	0	0.0	6.7	4.6						
LOWER SEVIER RIVER (Including San Pitch River)											
Beaver Dams	4/26	0	0.0	4.8	7.4	4/26	3.14	3.27	14.70	16.34	90
Farnsworth Lake	4/26	42	14.8	24.1	22.2	4/26	4.23	4.69	20.79	24.25	86
G.B.R.C. Headquarters	4/26	23	8.0	20.0	16.1	4/26	3.66	4.26	18.72	22.55	83
G.B.R.C. Majors						4/30	1.40	2.15[b]		10.66	
G.B.R.C. Meadows	4/26	39	14.7	30.7	25.1	4/26	5.10	5.17	22.35	26.84	83
G.B.R.C. Oaks						4/30	1.75	3.01	7.43	14.88	50
Gooseberry R.S.	4/26	10	2.6	5.1	10.2	4/26	3.11	3.61	15.82	16.52[b]	96
Gooseberry Reservoir						4/26	2.70	3.60	17.50	21.71	81
Mammoth-Cottonwood Creek	4/26	21	8.0	22.2	19.1						
Middle Fork											
Mt. Baldy R.S.	4/26	38	13.6	33.0	24.2	4/26	2.55	3.93	19.35	20.83	93
Oak Creek	4/30	0	0.0	14.8	9.6[b]	4/30	2.52	3.83[b]	14.02	19.79[b]	71
Pickle Keg Springs	4/26	15	6.0	17.8	15.1[b]	4/26	4.56		20.20		
Pine Creek	4/24	20	7.1	13.6	13.6	4/24	4.59[a]	5.88	19.78	29.35	67
Ree's Flat	4/24	12	4.1	9.9		4/24	3.77		14.15		
Shingle Mill	4/30	0	0.0	1.1	3.2[b]	4/30	3.01	3.87[b]	16.26	19.55	83
Thistle Flat											
BEAVER RIVER											
Beaver Canyon Power House											
Beaver Race Track											
Big Flat	4/24	43	15.4	29.1	18.6	4/24	4.05	3.47	17.58	19.00	93
Merchant's Valley (upper)	4/24	0	0.0	14.1	5.9[b]	4/24	4.54[b]	2.96[b]	16.93[b]	17.21	98
Otter Lake	4/24	25	8.6	19.9	12.1						
PAROWAN CREEK											
Birch Crossing	4/29	0	0.0	0.0	2.5[b]						
Brian Head	4/25	38	13.7	28.0	20.8[b]						
Tall Poles	4/29	5	1.5	17.3	12.3[b]	4/29	4.60	3.48[b]	16.20	18.37[b]	88
Yankee Reservoir	4/25	0	0.0	8.8	7.0	4/25	3.50	3.01	11.19	15.14	74
ENTERPRISE TO NEW HARMONY DRAINAGES											
Little Grassy Creek	4/25	0	0.0	0.0	0.2	4/25	3.27[a]	1.80	8.69	16.29	53
Long Flat	4/25	0	0.0	1.8	2.3	4/25	3.91[a]	2.27	11.71	13.90	84
COAL CREEK											
Cedar City Golf Course	4/29	0	0.0								
SUSC Ranch	4/29	0	0.0	2.7	2.5[b]						

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

† 1958-1972 period

SNOW

DRAINAGE BASIN and/or SNOW COURSE NAME	THIS YEAR Date of Survey	Snow Depth (Inches)	Water Content (Inches)	PAST SEASON Water Content (Inches) Last Year	Average †
COLORADO RIVER DRAINAGE					
UPPER GREEN RIVER - UTAH					
Ashley-Twin Lakes (A)	4/30	29	11.6	26.1	16.4[b]
Black's Fork G.S.-East Fork	4/25	20	7.8	12.0	9.9
Black'f Fork Junction	4/25	11	4.3		8.7
Buck Pasture (A)	4/30	10	3.9	15.1	
Burnt Creek	4/30	0	0.0		
Grizzly Ridge	5/1	1	0.1	13.3	
Henrys Fork (A)	4/30	22	7.7		
Hewinta G.S.	4/25	20	7.7	11.9	10.4
Hickerson Park	4/25	13	4.5	11.0	5.9[b]
King's Cabin (upper)	4/26	4	1.0	16.6	10.3
Reynolds Park (A)	4/30	24	8.6	23.0	
Spirit Lake	4/26	33	12.5	20.7	15.5
Steel Creek Park	4/25	49	17.1	22.3	18.7
Trout Creek	4/26	4	1.6	13.7	
DUCHESNE RIVER					
Atwood Lake (A)	4/30	27	8.1	12.2	
Brown Duck Ridge	4/26	51	14.6	27.7	20.2[a]
Ch peta	4/26	32	10.0	17.6	
Currant Creek	4/27	0	0.0	5.1	2.3[b]
Daniels-Strawberry Summit	4/27	0	0.0	12.6	9.5
East Portal	5/1	0	0.0[a]	8.0	4.4[b]
Five Points Lake (A)	4/30	36	13.3	20.2	
Indian Canyon	4/26	3	0.7	12.8	10.9
Jackson Park	4/26	36	10.5	21.0	
Lakefork Basin (A)	4/30	29	10.7	26.6	
Lakefork Mountain	4/26	24	8.8	17.9	11.9
Lakefork Mountain #3	4/26	0	0.0	7.6	2.1
Lightning Lake (A)	4/30	54	15.0	32.4	
Mosby Mountain	4/26	22	7.1	18.7	9.9
Paradise Park	4/26	35	12.7	20.9	14.3
Rock Creek Ranch	4/26	0	0.0	6.9	1.3[b]
Strawberry Divide	5/1	0	0.0[a]	19.8	
PRICE RIVER					
Dry Valley Divide Alternate	4/26	0	0.0	3.6	
Mud Creek	4/26	0	0.0	13.1	7.9
White River #1	4/26	0	0.0	10.8	10.5
White River #3	4/26	0	0.0	0.0	1.0[b]
SAN RAFAEL RIVER					
Buck Flat	4/26	15	4.6	23.9	15.4
Huntington-Horseshoe	4/26	34	14.9	31.9	
Orange Olsen	4/26	0	0.0	0.0	
Red Pine Ridge	4/26	9	3.2	19.5	14.8
Seeley Creek R.S.	4/26	17	7.0	23.7	17.2
Stuart R.S.	4/26	0	0.0	6.0	1.8
Upper Joe's Valley	4/26	0	0.0	10.6	5.7
Wrigley Creek	4/26	0	0.0	13.3	8.1
MUDDY RIVER					
Black'f Fork	4/26	8	2.4	15.1	
Dill's Camp	4/26	0	0.0	15.0	9.9[a]
FREMONT RIVER					
Black's Flat-U.M. Creek	4/26	4	1.1	12.5	8.8
Fish Lake	4/26	0	0.0	3.8	5.4
Johnson Valley	4/26	0	0.0	5.1	4.4

PRECIPITATION (Inches)

DRAINAGE BASIN and/or SNOW COURSE NAME	CURRENT INFORMATION Date of Reading	Month's Precipitation	Average †	PRECIPITATION TO DATE This Year	Average †	Percent of Average
COLORADO RIVER DRAINAGE						
UPPER GREEN RIVER - UTAH						
Ashley-Twin Lakes (A)						
Black's Fork G.S.-East Fork	4/25	2.98	3.35	14.79	15.29	97
Black'f Fork Junction	4/25	2.90	3.08	13.43	14.70	91
Buck Pasture (A)						
Burnt Creek	5/1	1.60	3.06[b]	11.00	12.07[b]	91
Grizzly Ridge	5/1	2.60	3.25[b]	13.80	16.69[b]	80
Henrys Fork (A)						
Hewinta G.S.	4/25	2.75	3.59	14.53	16.15	90
Hickerson Park	4/25	1.12	3.56[b]	13.70	12.97	106
King's Cabin (upper)	4/26	2.19[b]	2.95		19.21	
Reynolds Park (A)						
Spirit Lake	4/26	1.55	4.94[b]	17.40	18.55	95
Steel Creek Park	4/25	3.56[b]		16.30[b]		
Trout Creek	4/26	1.35		10.55[b]		
DUCHESNE RIVER						
Atwood Lake (A)						
Brown Duck Ridge	4/26	.77		15.70		
Ch peta	4/26	2.50[b]		15.50[b]		
Currant Creek	4/27	2.80	2.41[b]	10.95	16.20	68
Daniels-Strawberry Summit	4/27	3.65	3.28	14.62	21.09	69
East Portal			2.99[b]		19.72	
Five Points Lake (A)						
Indian Canyon	4/26	2.08	2.68	16.84	15.46	109
Jackson Park	4/26	1.76		14.26		
Lakefork Basin (A)						
Lakefork Mountain	4/26	1.69	3.08	14.67	15.70	93
Lakefork Mountain #3						
Lightning Lake (A)						
Mosby Mountain	4/26	1.78	3.18[b]	13.93	15.18	92
Paradise Park	4/26	2.35	3.91	16.55	16.96	98
Rock Creek Ranch	4/26	1.44	2.27	11.38	13.20	86
Strawberry Divide						
PRICE RIVER						
Dry Valley Divide Alternate						
Mud Creek	4/26	2.00	2.96	11.30	17.21	66
White River #1	4/26	1.75	2.84	12.30	16.06	77
White River #3						
SAN RAFAEL RIVER						
Buck Flat	4/26	3.39	3.24	14.93	20.45	73
Huntington-Horseshoe						
Orange Olsen	4/26	1.50	1.13[b]	6.25	8.53	73
Red Pine Ridge	4/26	3.45	3.60	17.61	23.39	75
Seeley Creek R.S.	4/26	1.13[b]		9.66[b]		
Stuart R.S.	4/26	1.84	2.15	8.86	13.77	64
Upper Joe's Valley						
Wrigley Creek						
MUDDY RIVER						
Black'f Fork						
Dill's Camp	4/26	2.92		13.23		
FREMONT RIVER						
Black's Flat-U.M. Creek	4/26	2.76	2.65	11.67	14.75	79
Fish Lake	4/26	2.22	2.16	9.47	11.34	84
Johnson Valley						

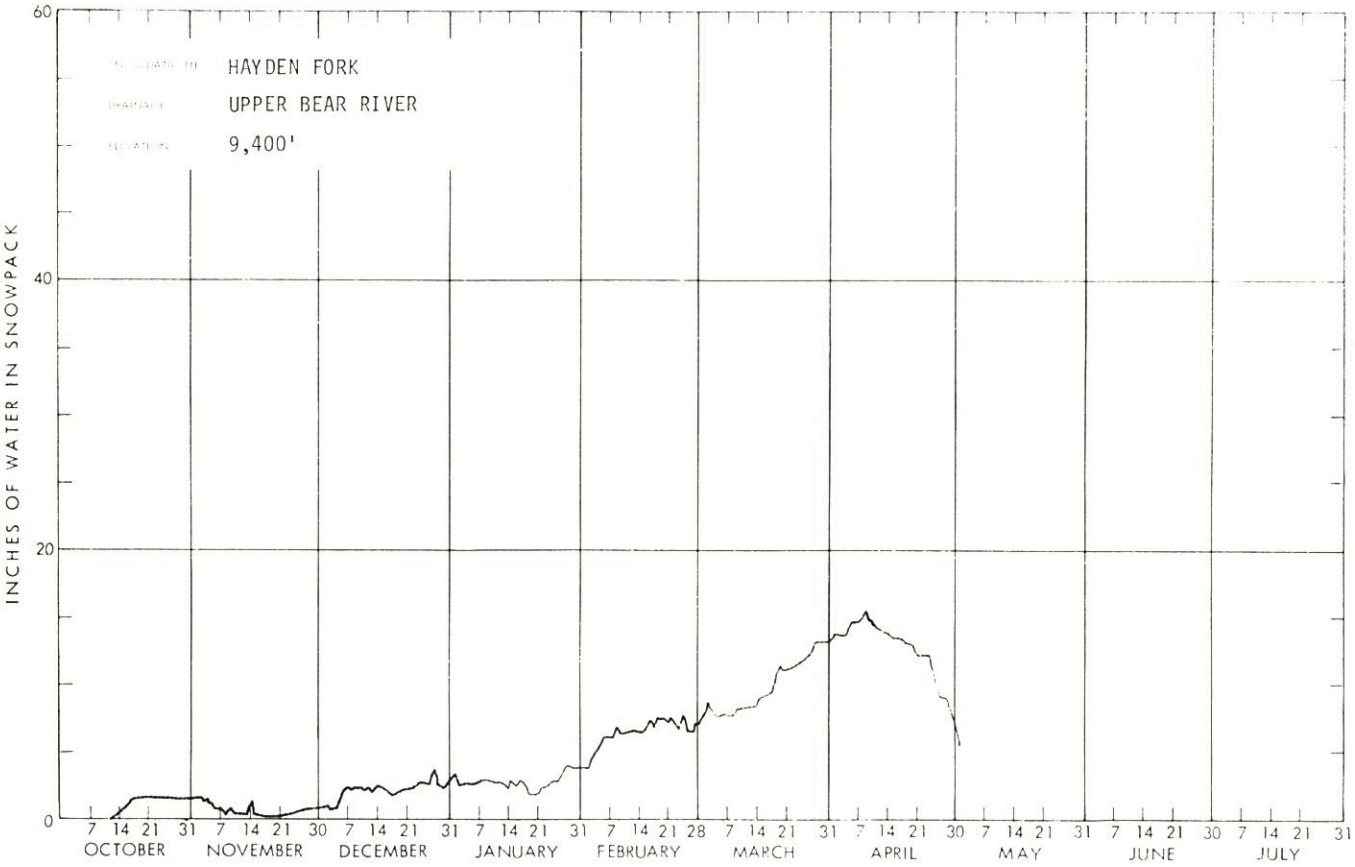
USDA-SCS-PORTLAND OR 1977 MT-0-22027.0

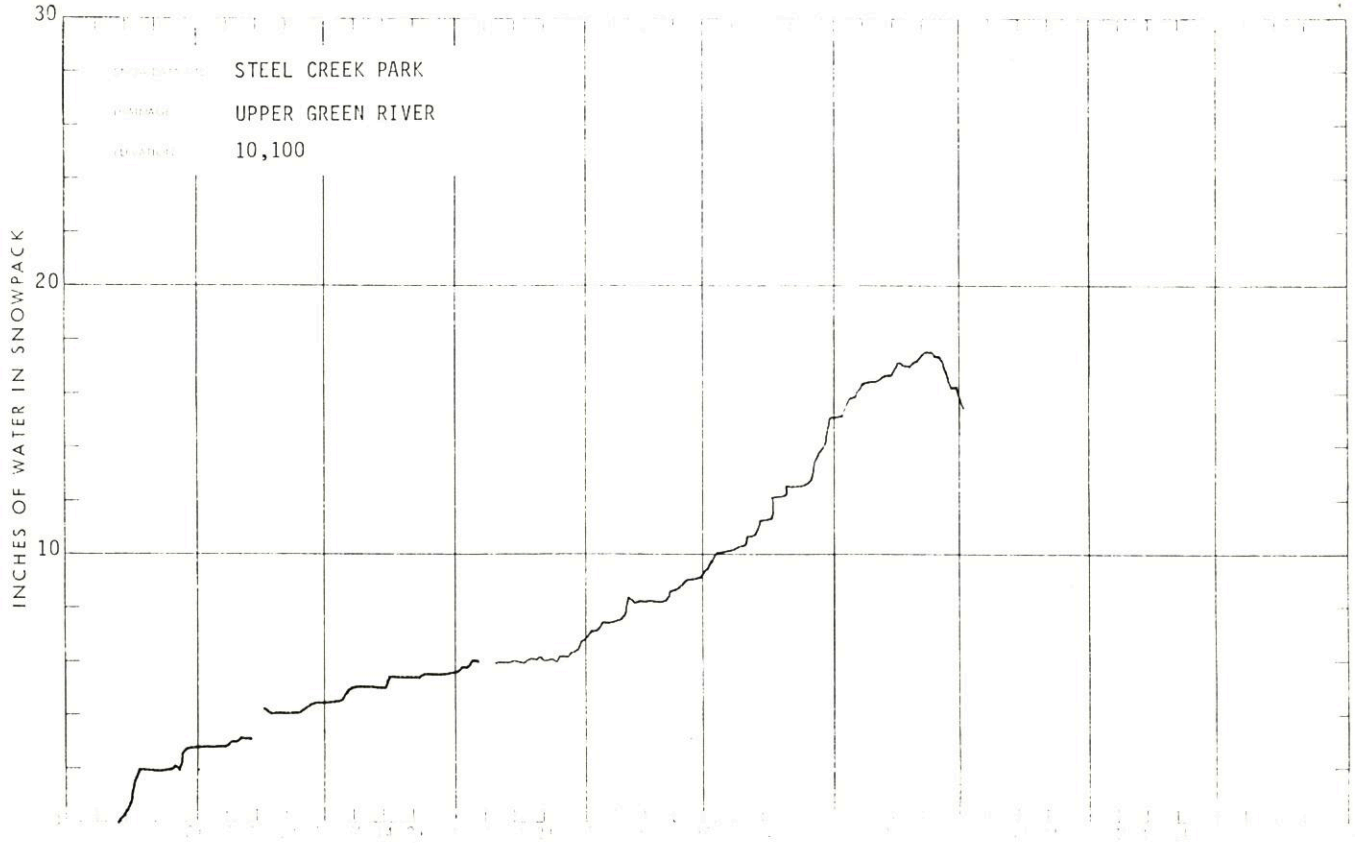
SNOW	THIS YEAR			PAST RECORD		PRECIPITATION (Inches)					
						CURRENT INFORMATION			FROM APPROX. OCT. 1 TO DATE		
DRAINAGE BASIN and/or SNOW COURSE NAME	Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Water Content (Inches) Last Year	Water Content (Inches) Average +	Date of Reading	Month's Precipitation	Average +	This Year	Average +	Percent of Average
SOUTHEASTERN UTAH DRAINAGES											
Buckboard Flat	4/28	0	0.0	20.1	7.1	4/28	4.55	2.75	17.36	20.89	83
Camp Jackson	4/28	0	0.0	21.7	5.8	4/28	4.35	2.42	13.28	19.20	69
LaSal Mountain (lower)	4/29	0	0.0	12.2	4.3						
LaSal Mountain (upper)	4/29	15	5.2	25.6	12.6	4/29	2.28	2.99	18.78	17.17	109
Monticello City Park	4/29	0	0.0								
ESCALANTE RIVER											
Widtsoe-Escalante #3	4/25	19	6.5	16.3	9.0	4/25	2.86	3.14	15.31	15.21	101
VIRGIN RIVER											
Kolob-Crystal	4/25	34	12.2	34.8	22.5a	4/25	6.10b		17.22b		
Long Valley Junction	4/25	0	0.0	0.0	0.0						
Webster Flat	4/25	24	10.5	34.4	13.8	4/24	5.62	3.81	21.90	23.08	95

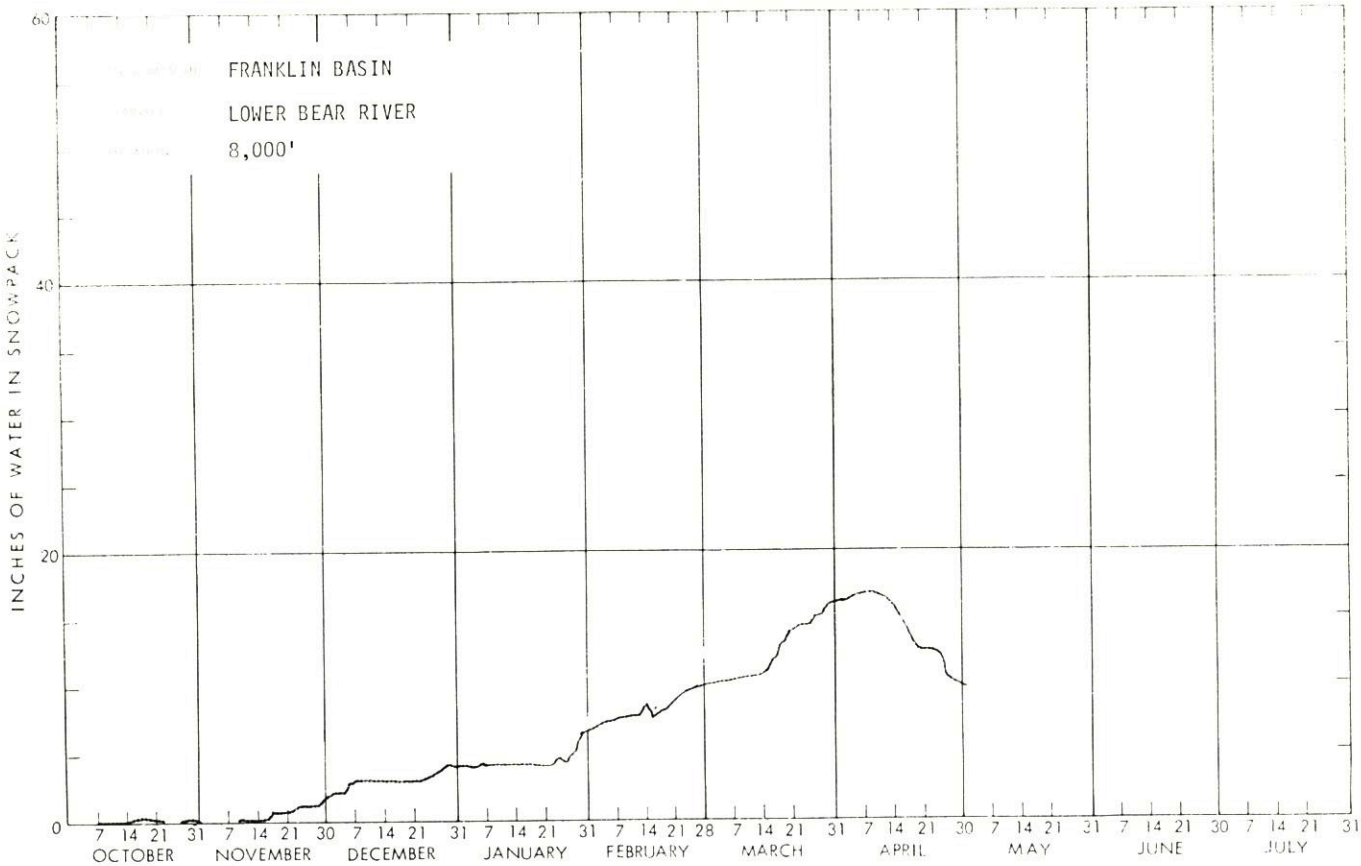
a - Partly Estimated
b - Average of past record in average period - less than 15 years
+ - 1963-77 15 year average period
(A) - Aerial Marker Reading

+ 1958-1972 period

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


HAYDEN FORK
UPPER BEAR RIVER
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


STEEL CREEK PARK
UPPER GREEN RIVER
10,100
INCHES OF WATER IN SNOWPACK
30
20
10


FRANKLIN BASIN
LOWER BEAR RIVER
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
OCTOBER
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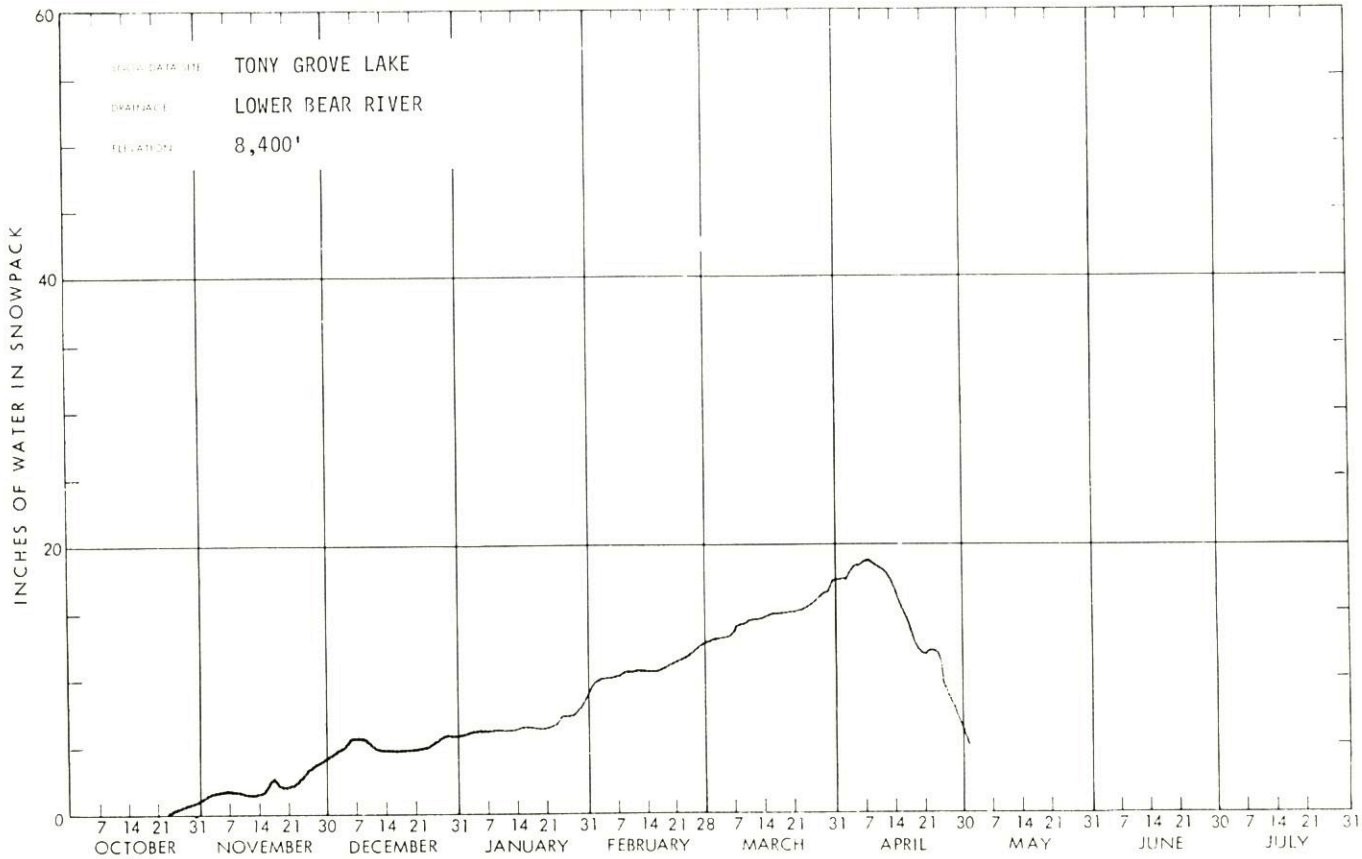
JULY


TONY GROVE LAKE
LOWER BEAR RIVER
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
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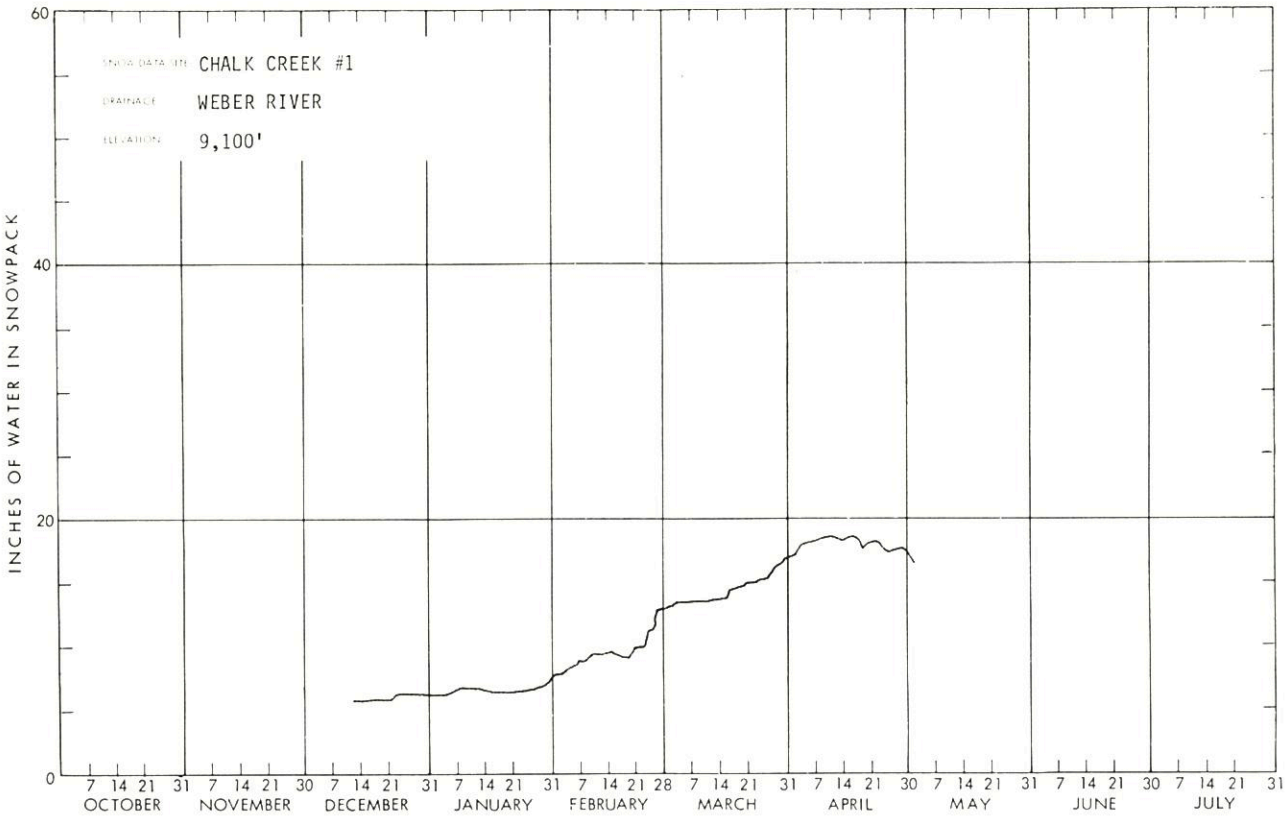
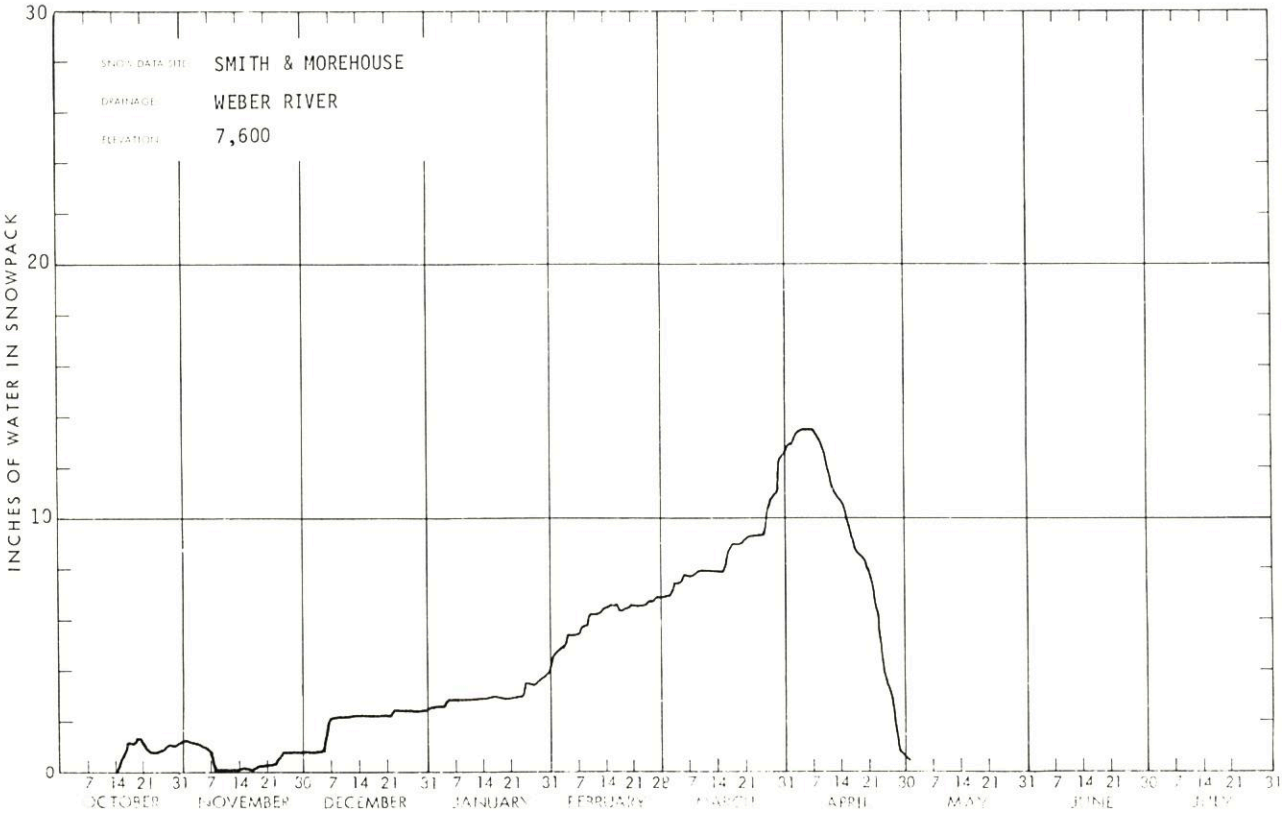
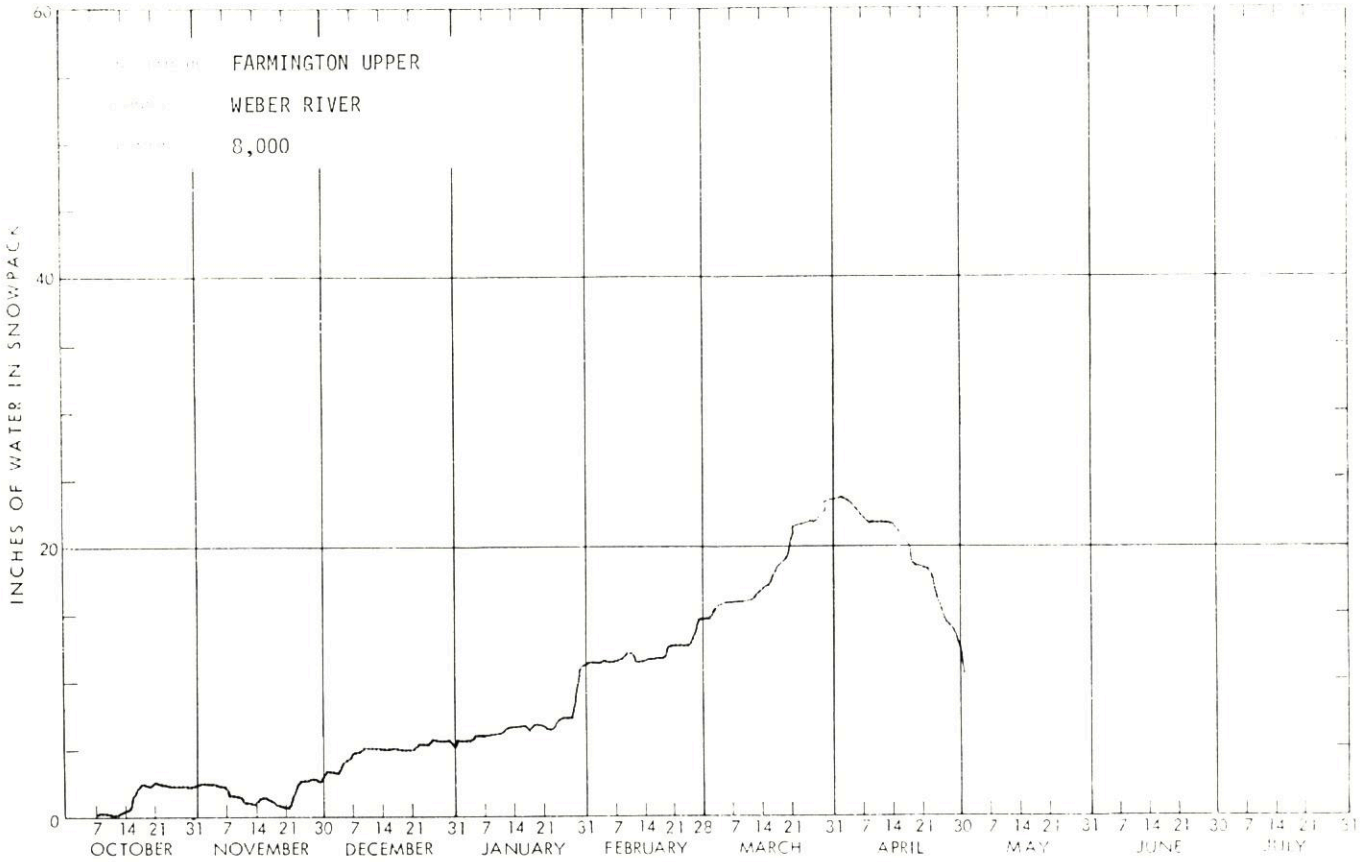
JULY


CHALK CREEK #1
WEBER RIVER
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
OCTOBER NOVEMBER DECEMBER JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY


SMITH & MOREHOUSE
WEBER RIVER
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
OCTOBER NOVEMBER DECEMBER JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY


FARMINGTON UPPER
WEBER RIVER
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
OCTOBER
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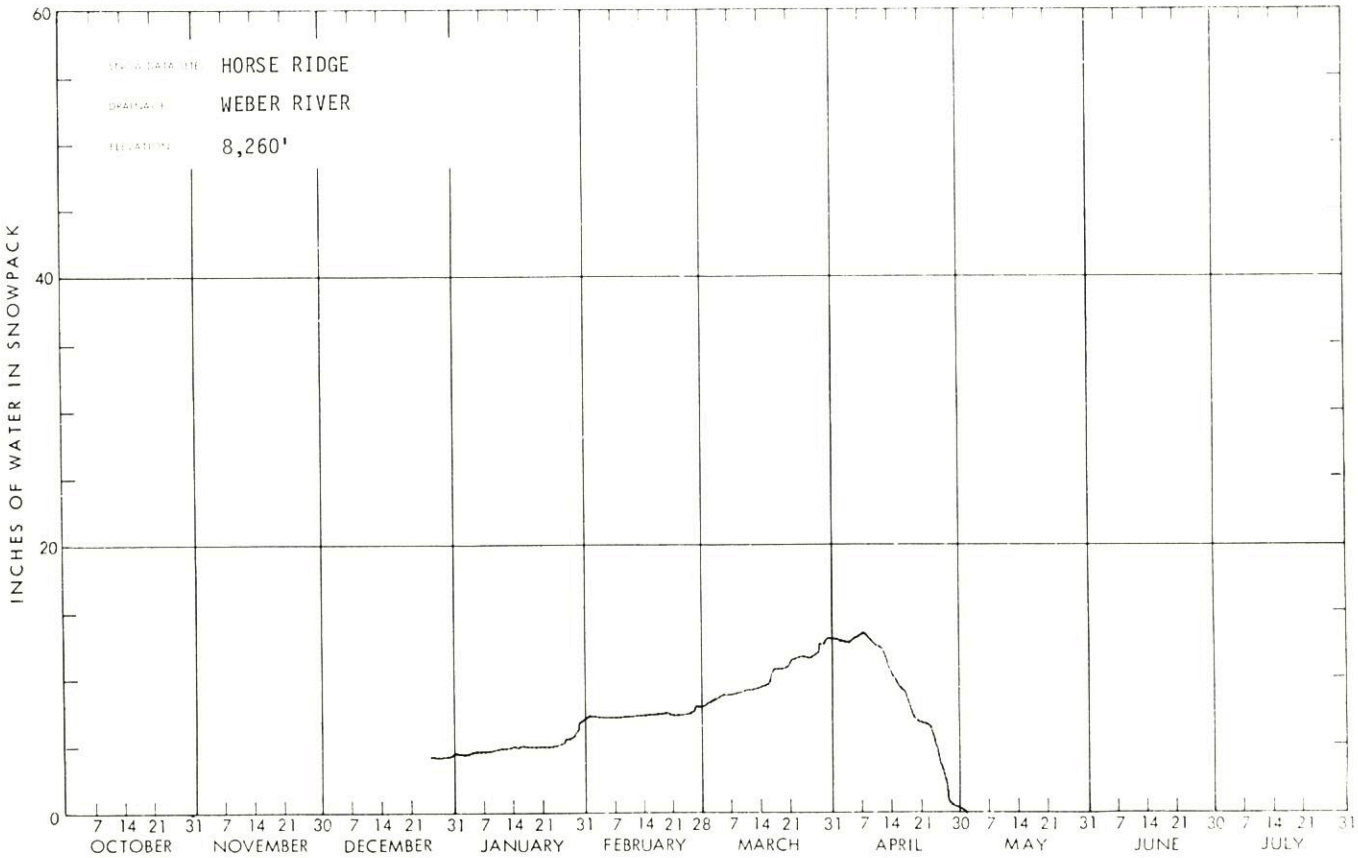
JULY


HORSE RIDGE
WEBER RIVER
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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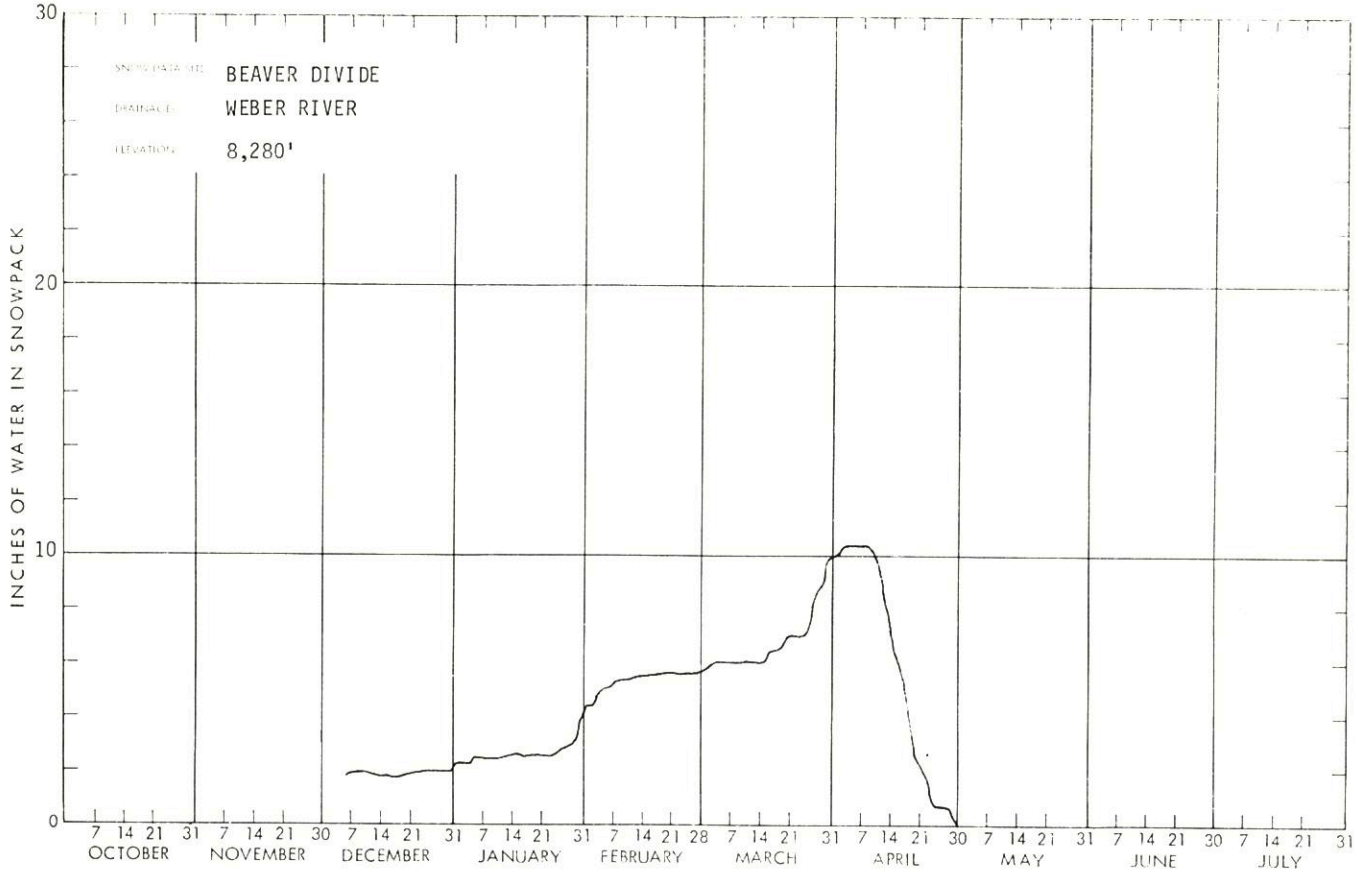
BEAVER DIVIDE
WEBER RIVER
8,280'
INCHES OF WATER IN SNOWPACK
30
20
10
0
7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 31 7 14 21 28 7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 30 7 14 21 31
OCTOBER
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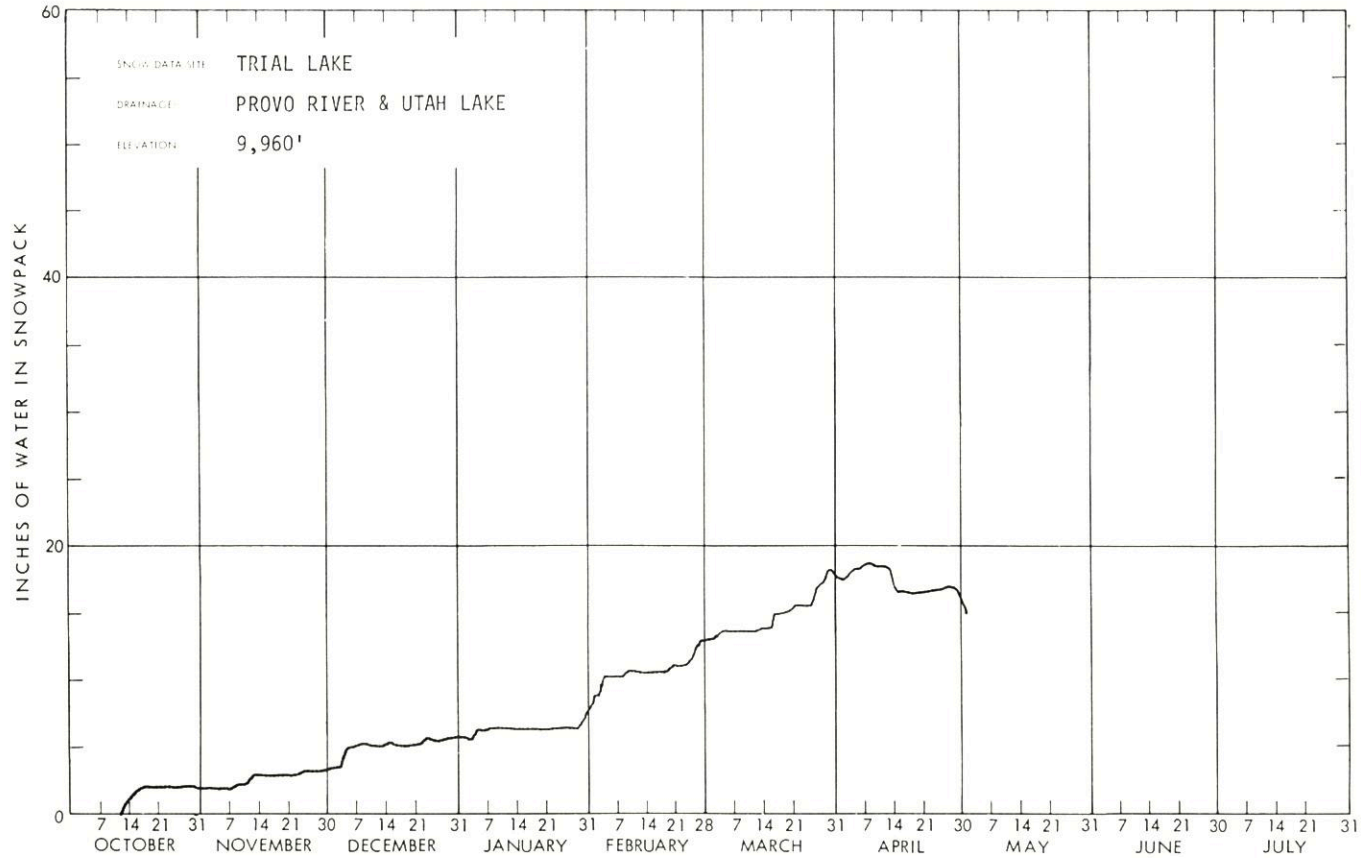
JULY


TRIAL LAKE
PROVO RIVER & UTAH LAKE
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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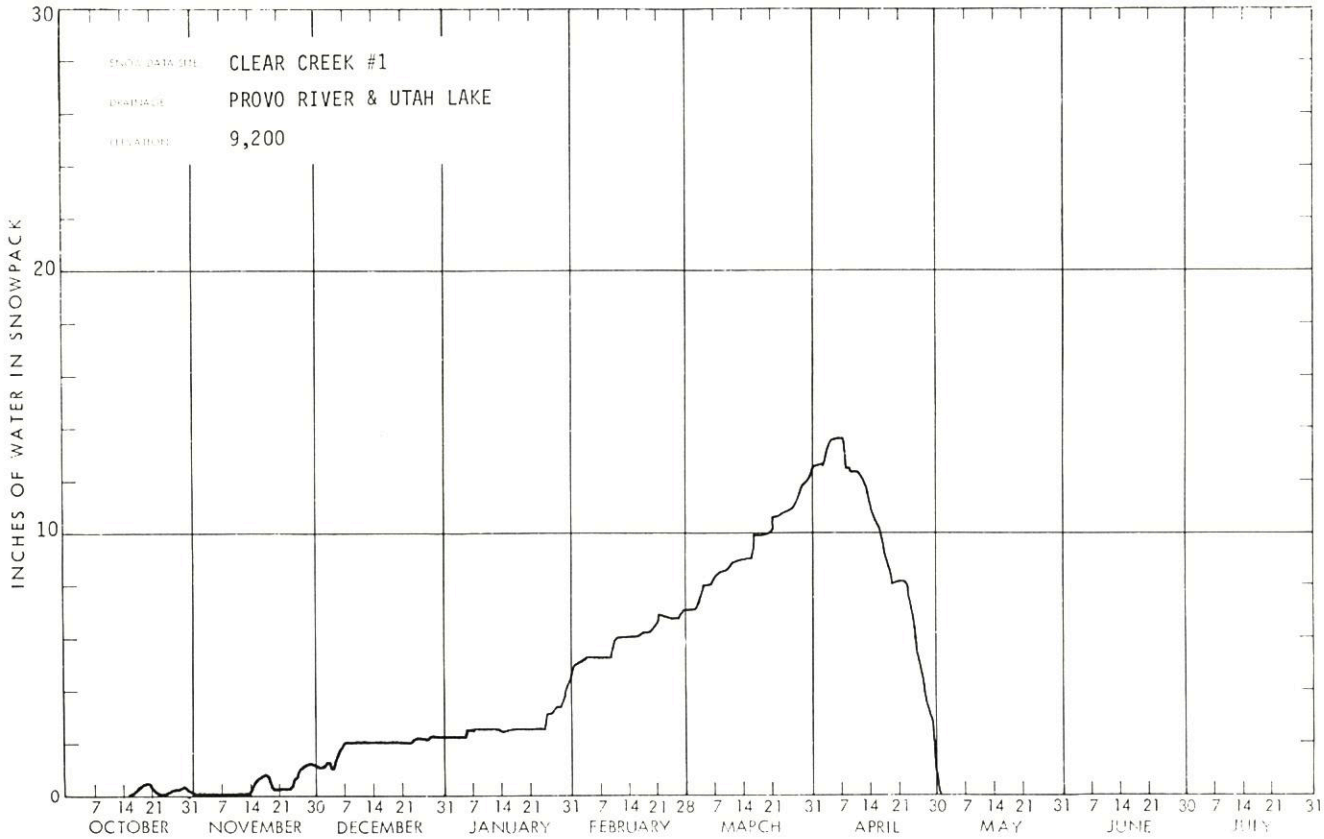
SNOW DATA SITE
CLEAR CREEK #1
DRAINAGE
PROVO RIVER & UTAH LAKE
ELEVATION
9,200
INCHES OF WATER IN SNOWPACK
30
20
10
0
7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 31 7 14 21 28 7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 30 7 14 21 31
OCTOBER
NOVEMBER
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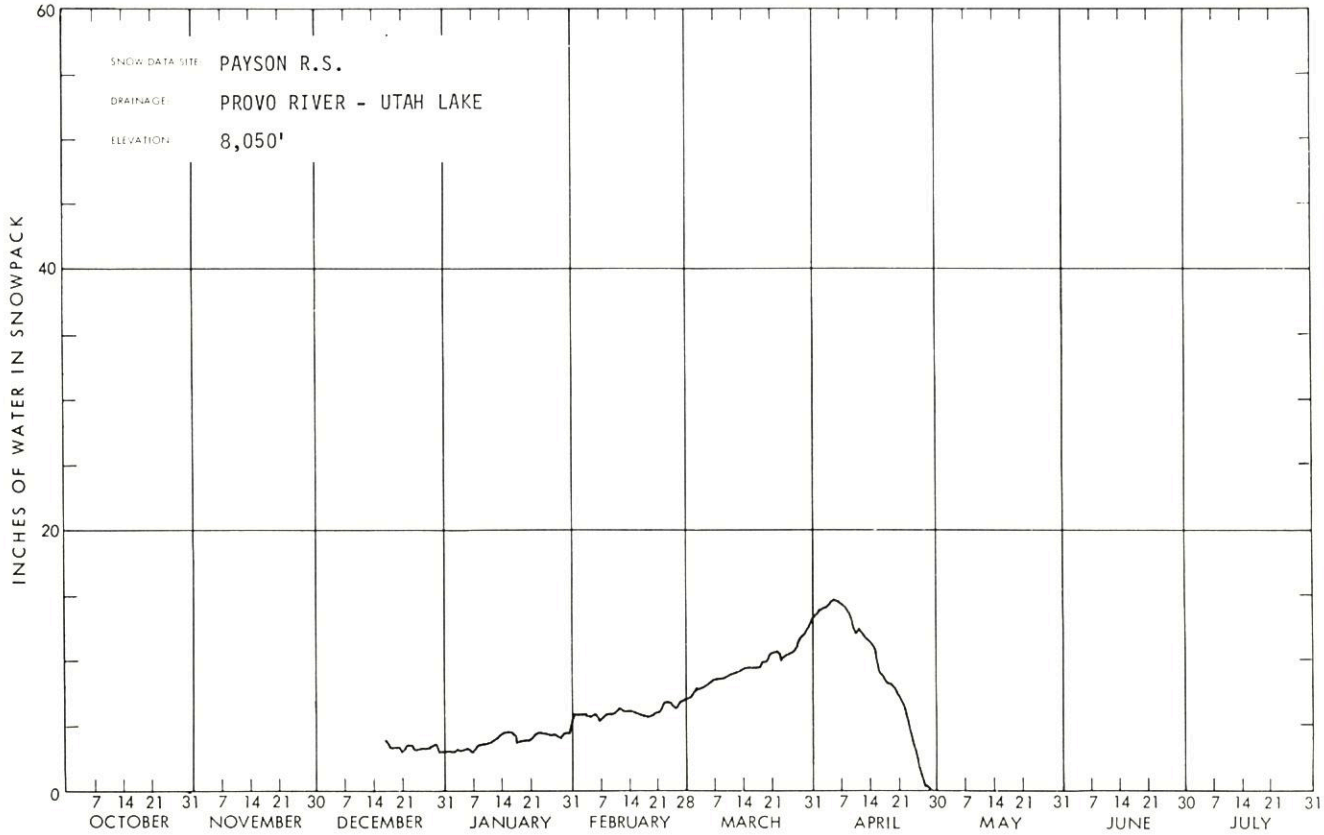
JULY


SNOW DATA SITE
PAYSON R.S.
DRAINAGE
PROVO RIVER - UTAH LAKE
ELEVATION
8,050'
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
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DECEMBER
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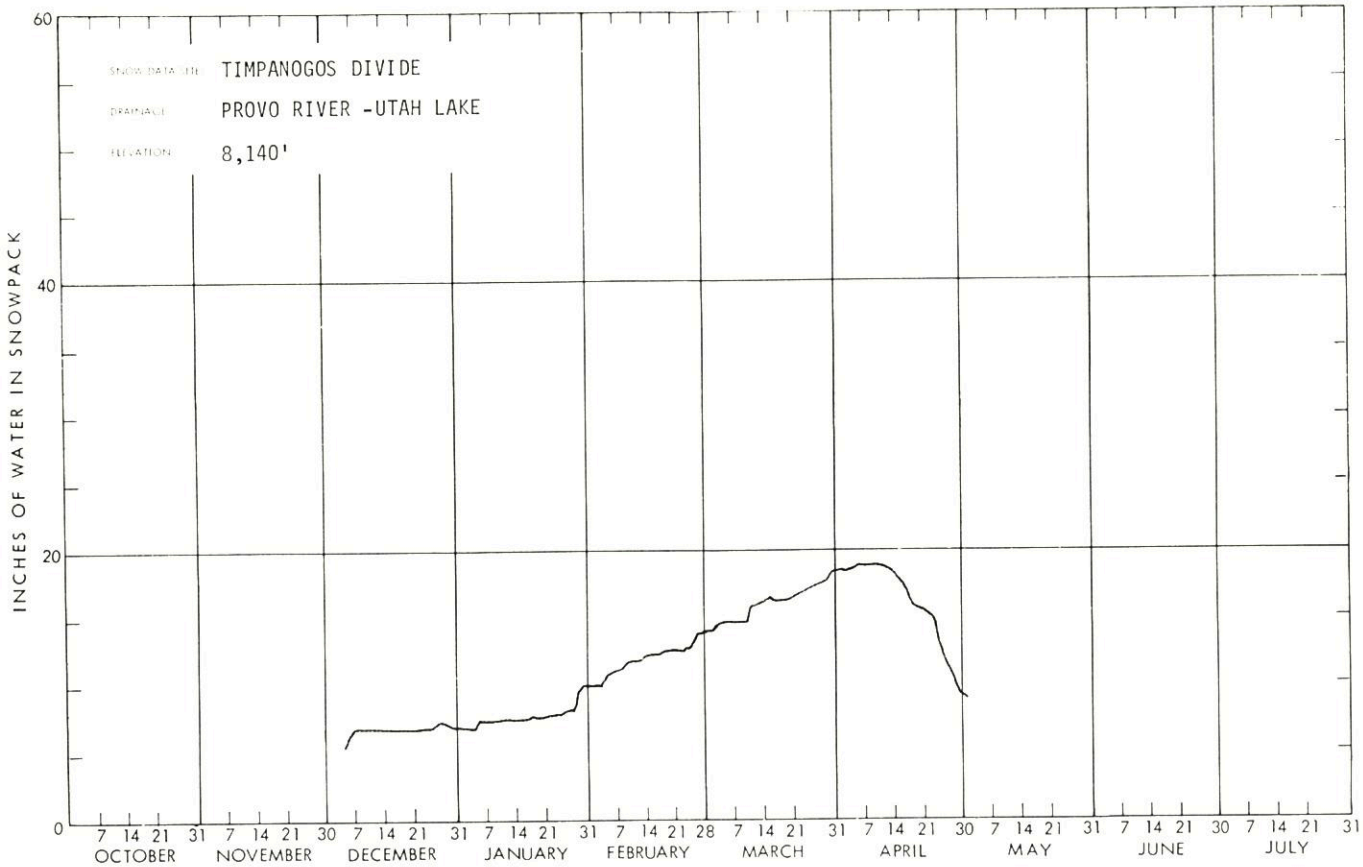
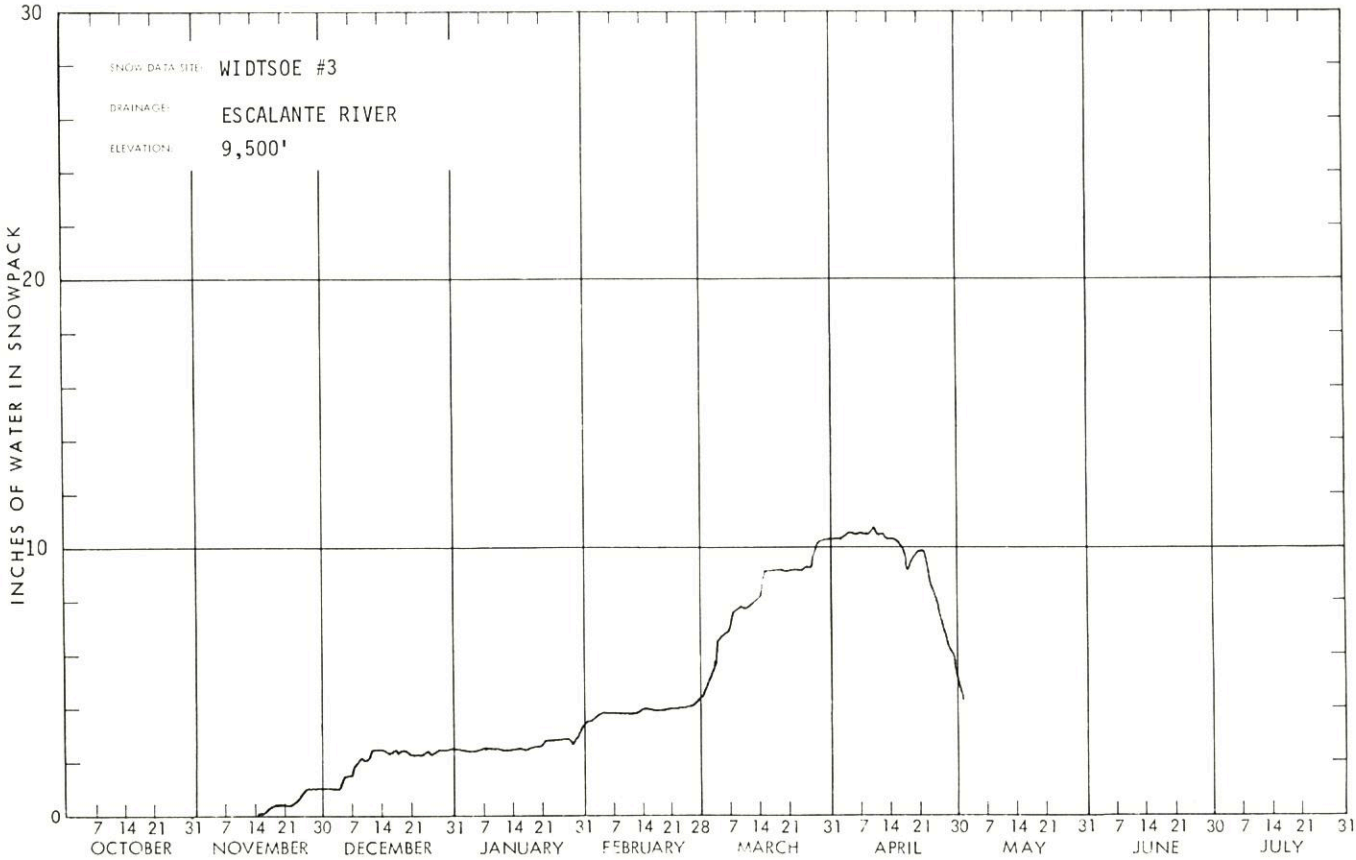
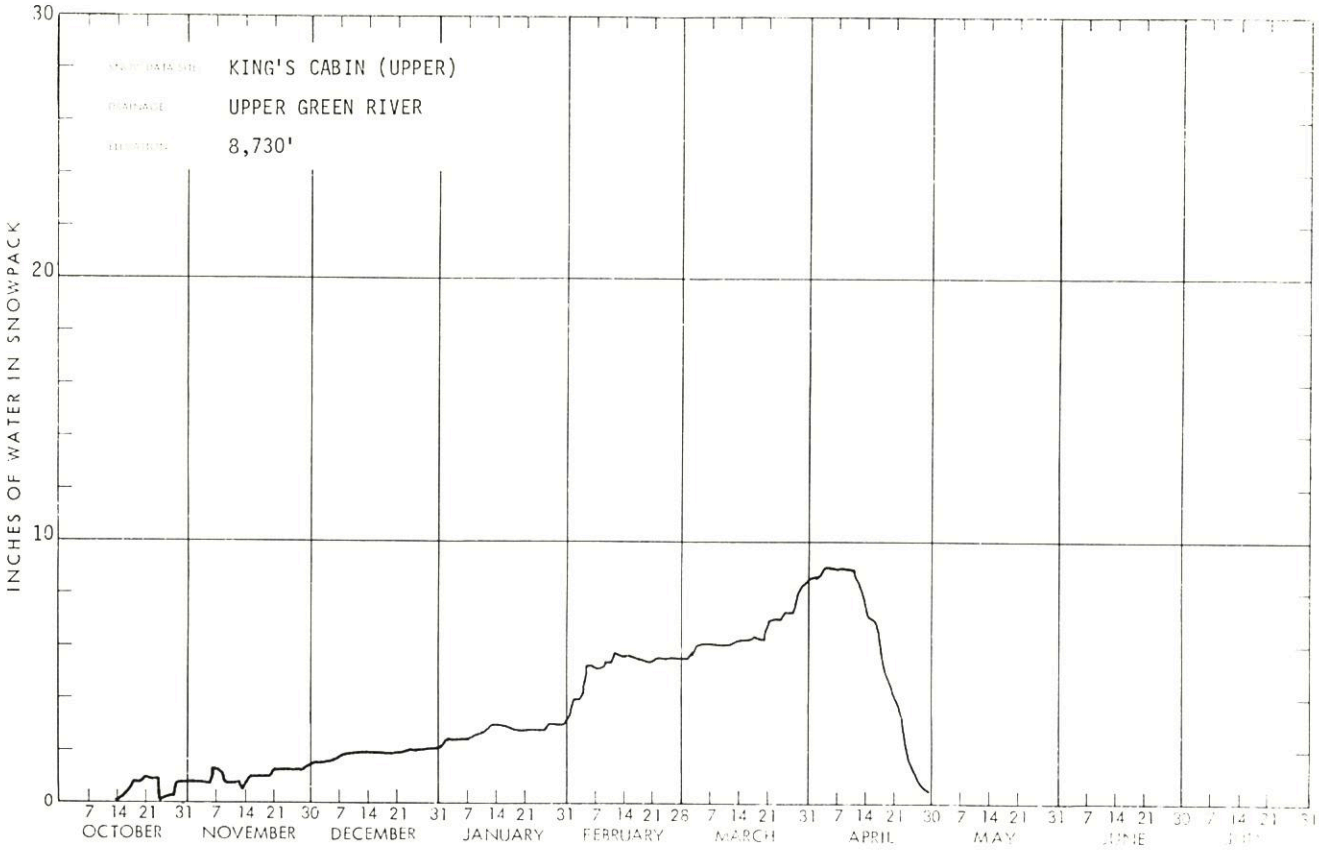
JUNE
JULY


SNOW DATA SITE: TIMPANOGOS DIVIDE
DRAINAGE: PROVO RIVER -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
OCTOBER NOVEMBER DECEMBER JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY


SNOW DATA SITE: WIDTSOE #3
DRAINAGE: ESCALANTE 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
OCTOBER NOVEMBER DECEMBER JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY


KING'S CABIN (UPPER)
UPPER GREEN RIVER
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
OCTOBER
NOVEMBER
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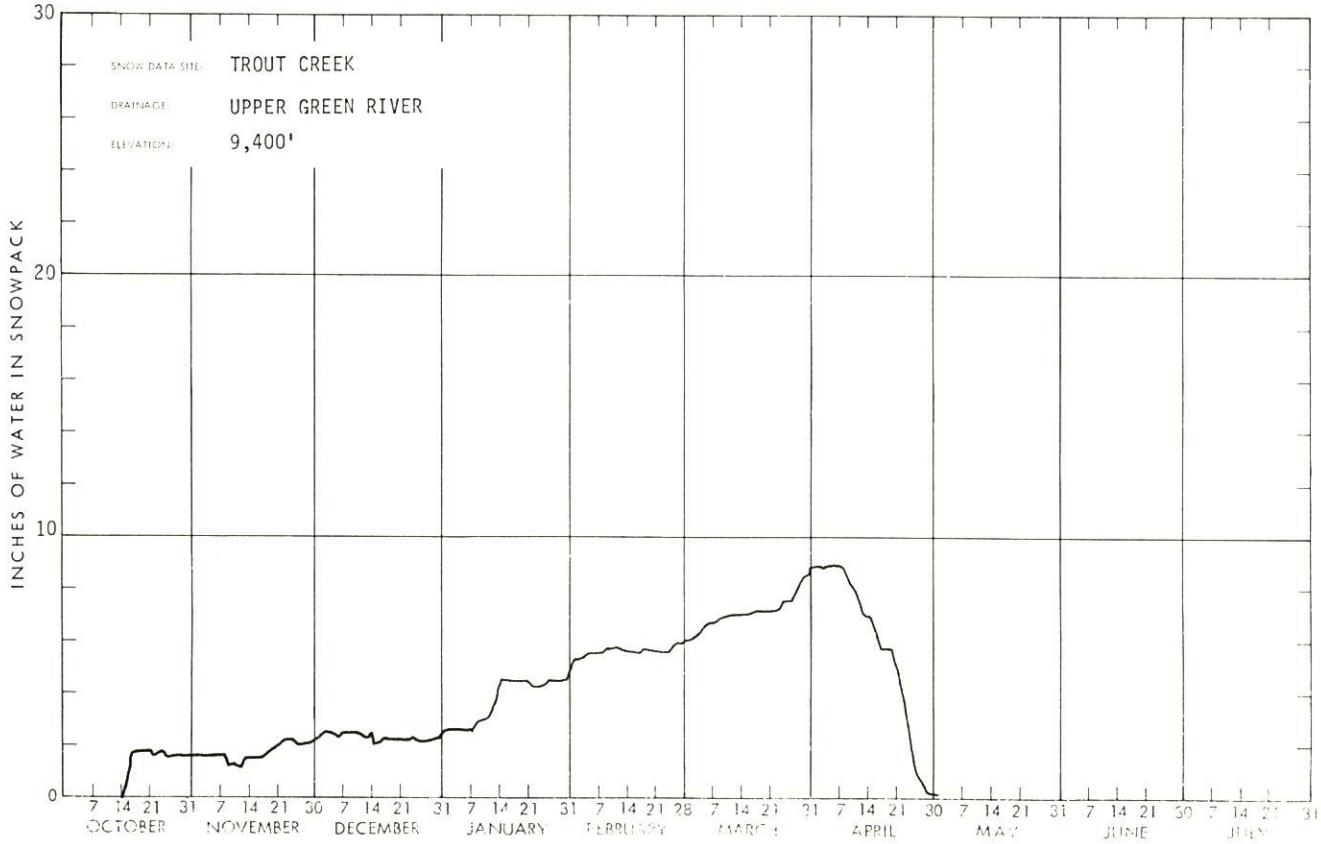
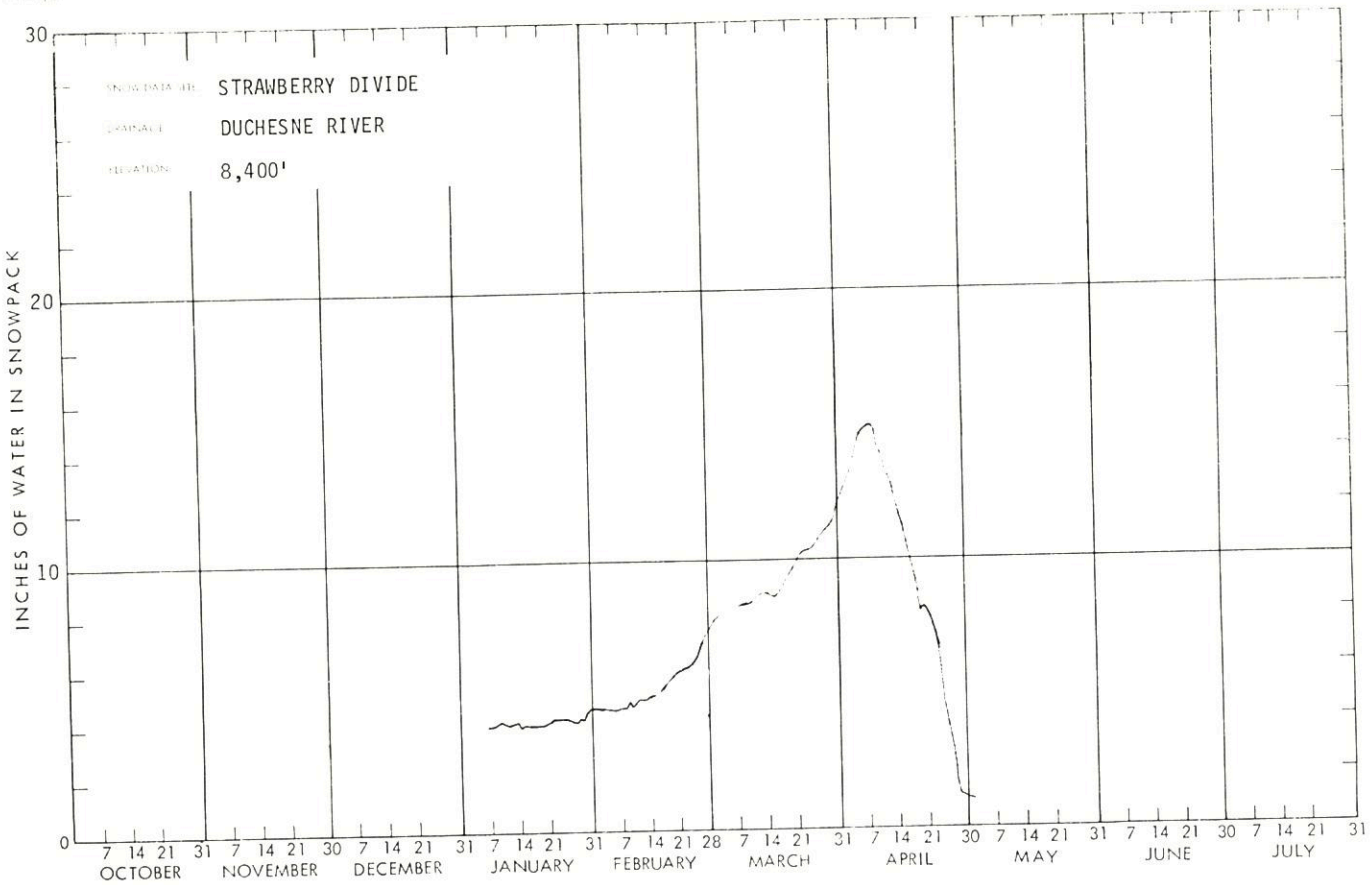
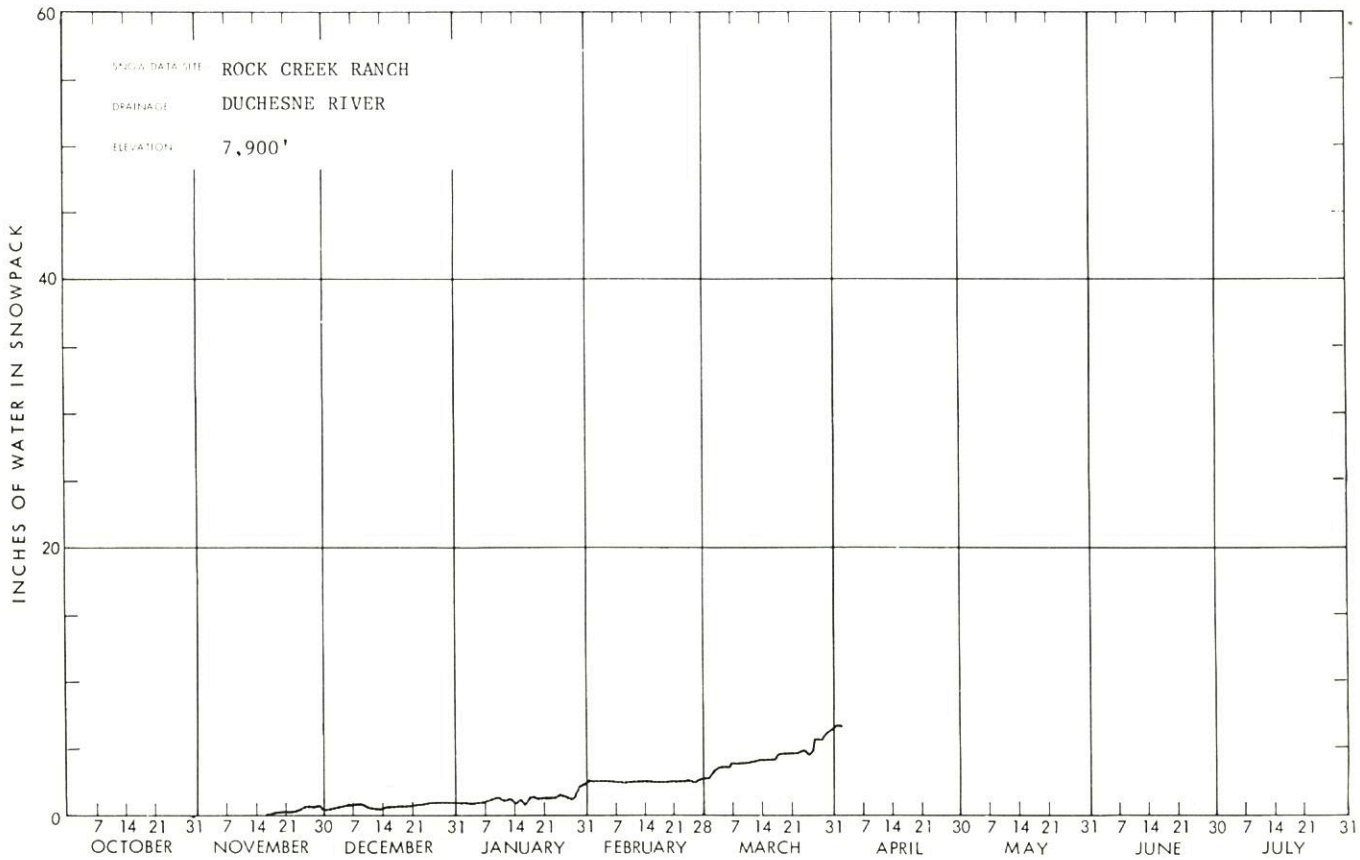
MAY
JUNE

WSFB-K13A

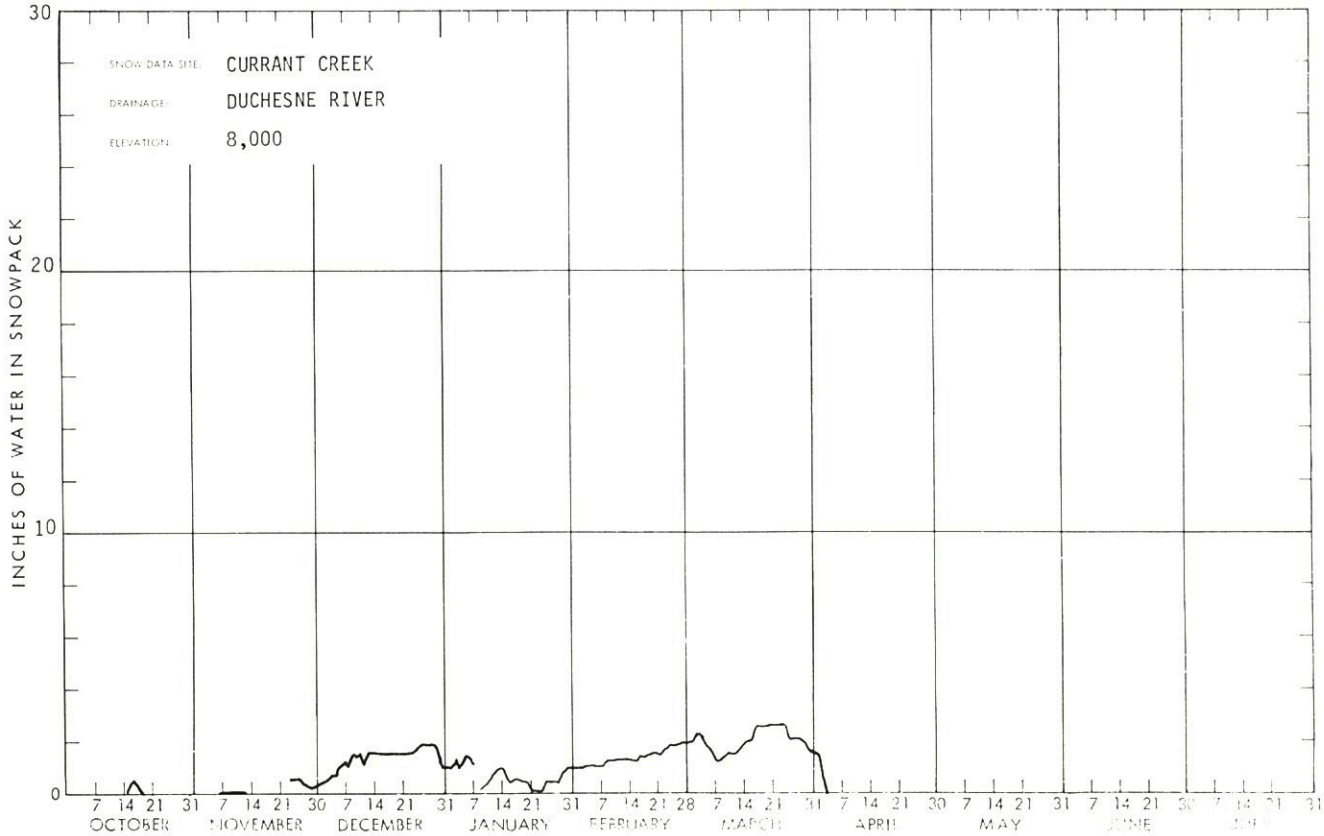

TROUT CREEK
UPPER GREEN RIVER
9,400'
INCHES OF WATER IN SNOWPACK
30
20
10
0
7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 31 7 14 21 28 7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 30 7 14 21 31
OCTOBER
NOVEMBER
DECEMBER
JANUARY
APRIL
JUNE

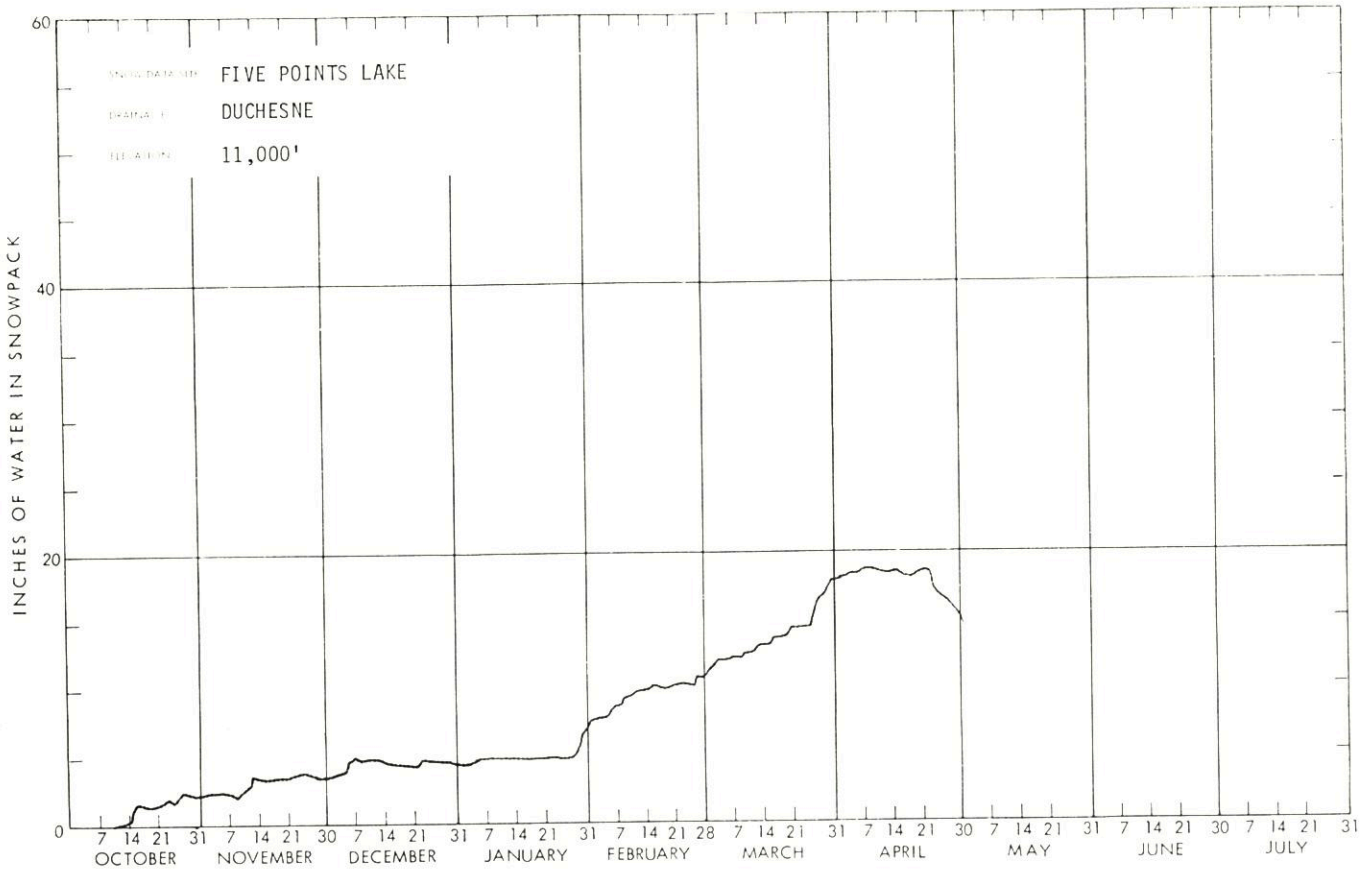

STRAWBERRY DIVIDE
DUCHESNE RIVER
8,400'
INCHES OF WATER IN SNOWPACK
0
10
20
30
7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 31 7 14 21 28 7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 30 7 14 21 31
OCTOBER
NOVEMBER
DECEMBER
JANUARY
FEBRUARY
MARCH
APRIL
MAY
JUNE
JULY


ROCK CREEK RANCH
DUCHESNE RIVER
7,900'
INCHES OF WATER IN SNOWPACK
0
20
40
60
7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 31 7 14 21 28 7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 30 7 14 21 31
OCTOBER
NOVEMBER
DECEMBER
JANUARY
FEBRUARY
MARCH
APRIL
MAY
JUNE
JULY

SNOW DATA SITE: BROWN DUCK RIDGE
DRAINAGE: DUCHESNE RIVER
ELEVATION: 10,600'
INCHES OF WATER IN SNOWPACK
60
40
20
0
7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 31 7 14 21 28 7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 30 7 14 21 31
OCTOBER NOVEMBER DECEMBER JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY

WSFB-X13A


SNOW DATA SITE: CURRANT CREEK
DRAINAGE: DUCHESNE RIVER
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
OCTOBER NOVEMBER DECEMBER JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY


FIVE POINTS LAKE
DUCHESNE
11,000'
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
OCTOBER
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DECEMBER
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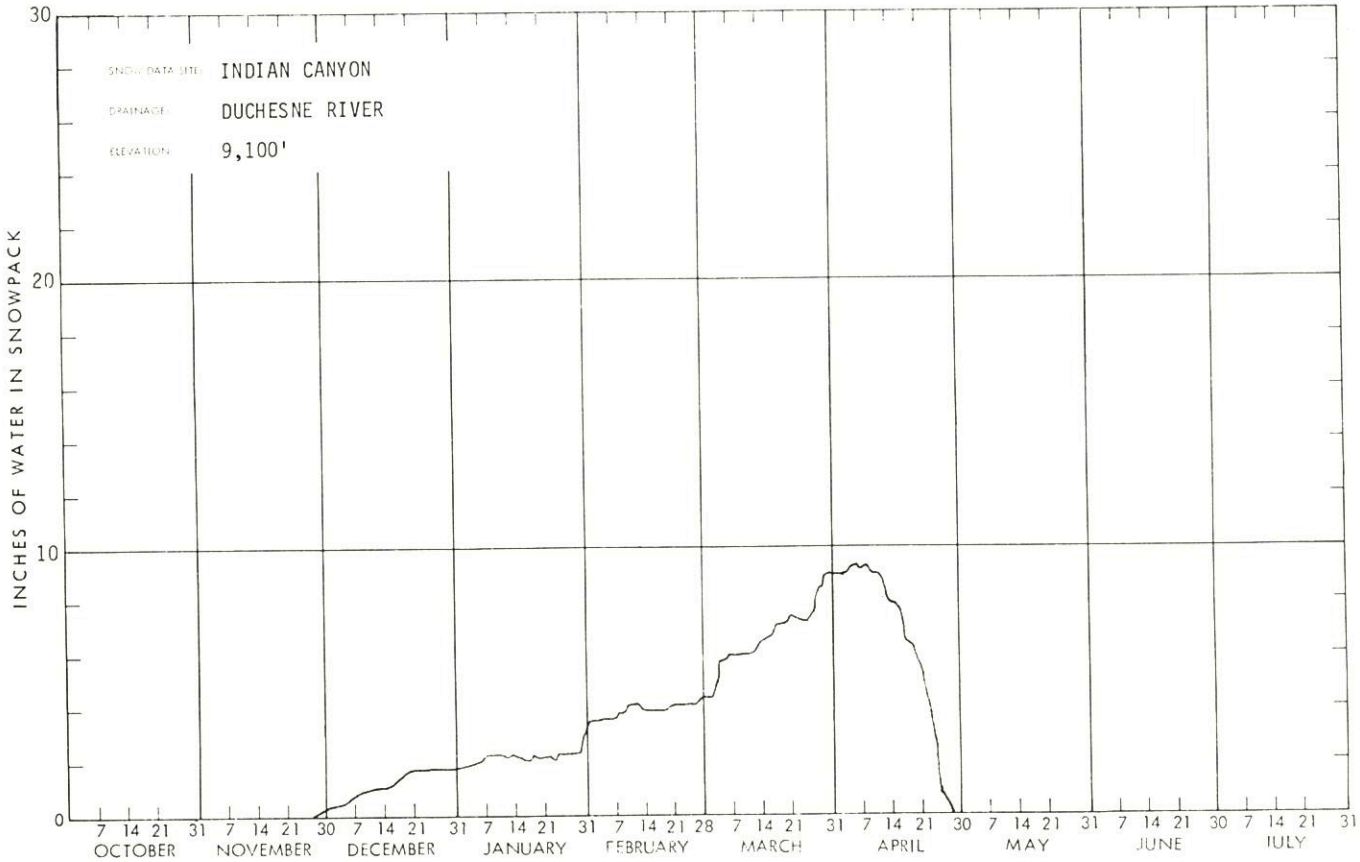
JUNE
JULY


INDIAN CANYON
DUCHESNE RIVER
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
OCTOBER
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DECEMBER
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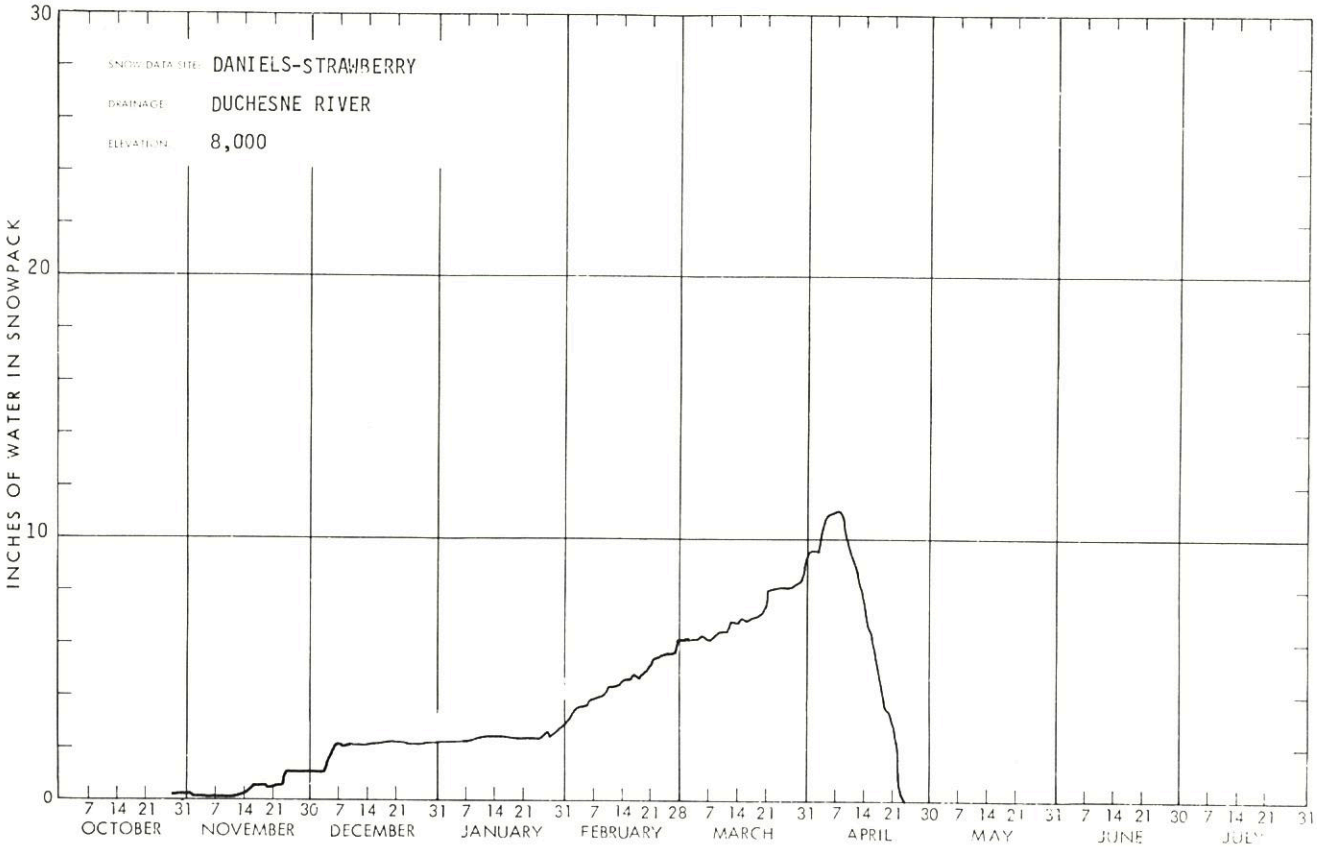
MARCH
APRIL
MAY
JUNE
JULY


SNOW DATA SITE: DANIELS-STRAWBERRY
DRAINAGE: DUCHESNE RIVER
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
OCTOBER
NOVEMBER
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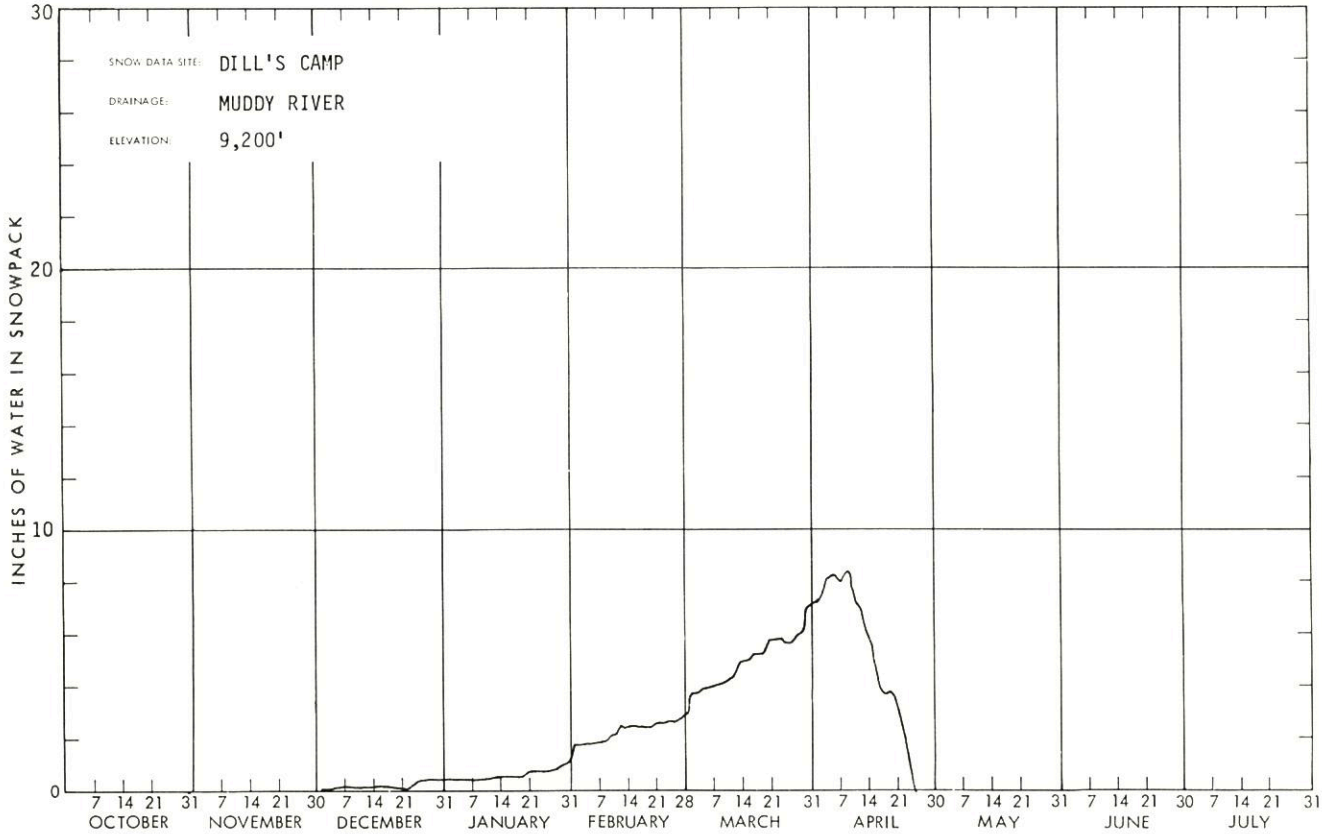
SNOW DATA SITE: DILL'S CAMP
DRAINAGE: MUDDY RIVER
ELEVATION: 9,200'
INCHES OF WATER IN SNOWPACK
30
20
10
0
7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 31 7 14 21 28 7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 30 7 14 21 31
OCTOBER
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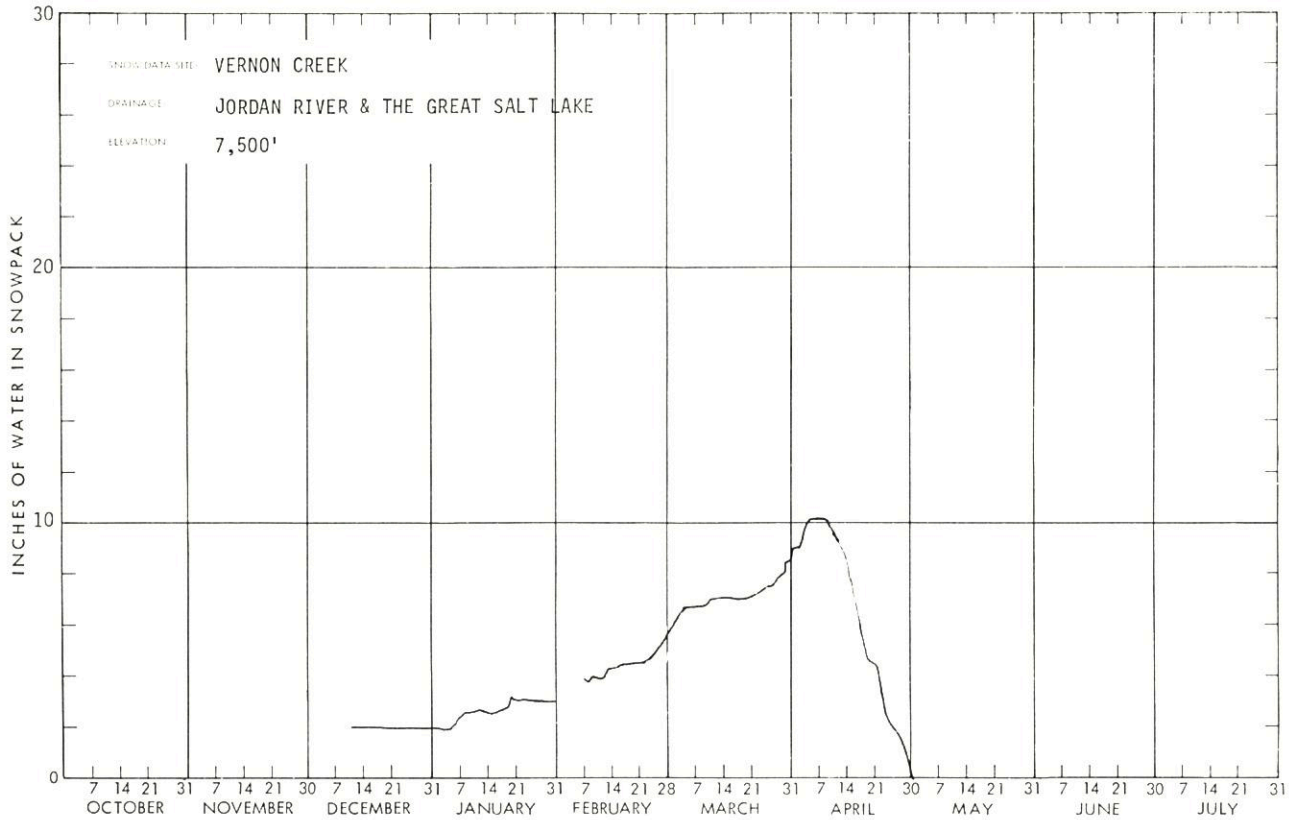
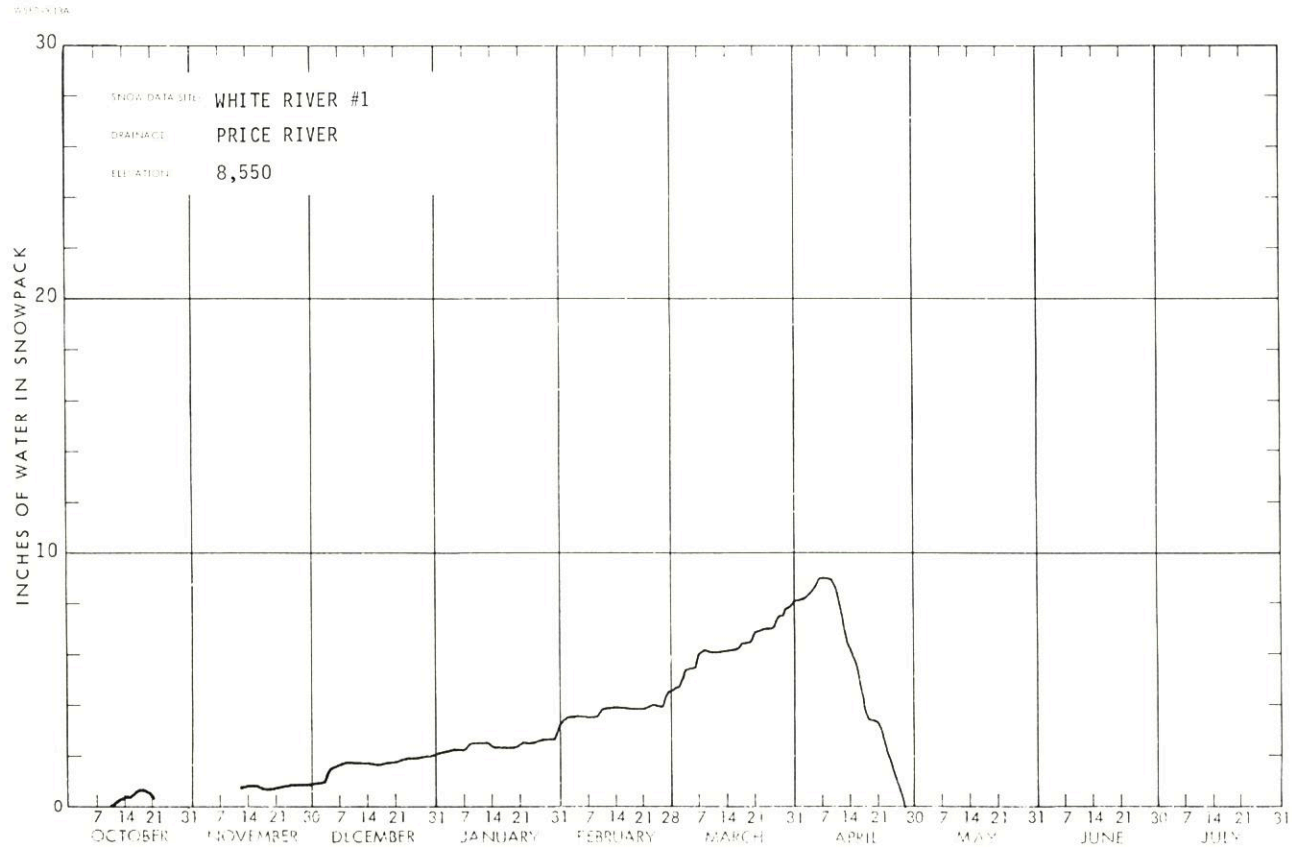
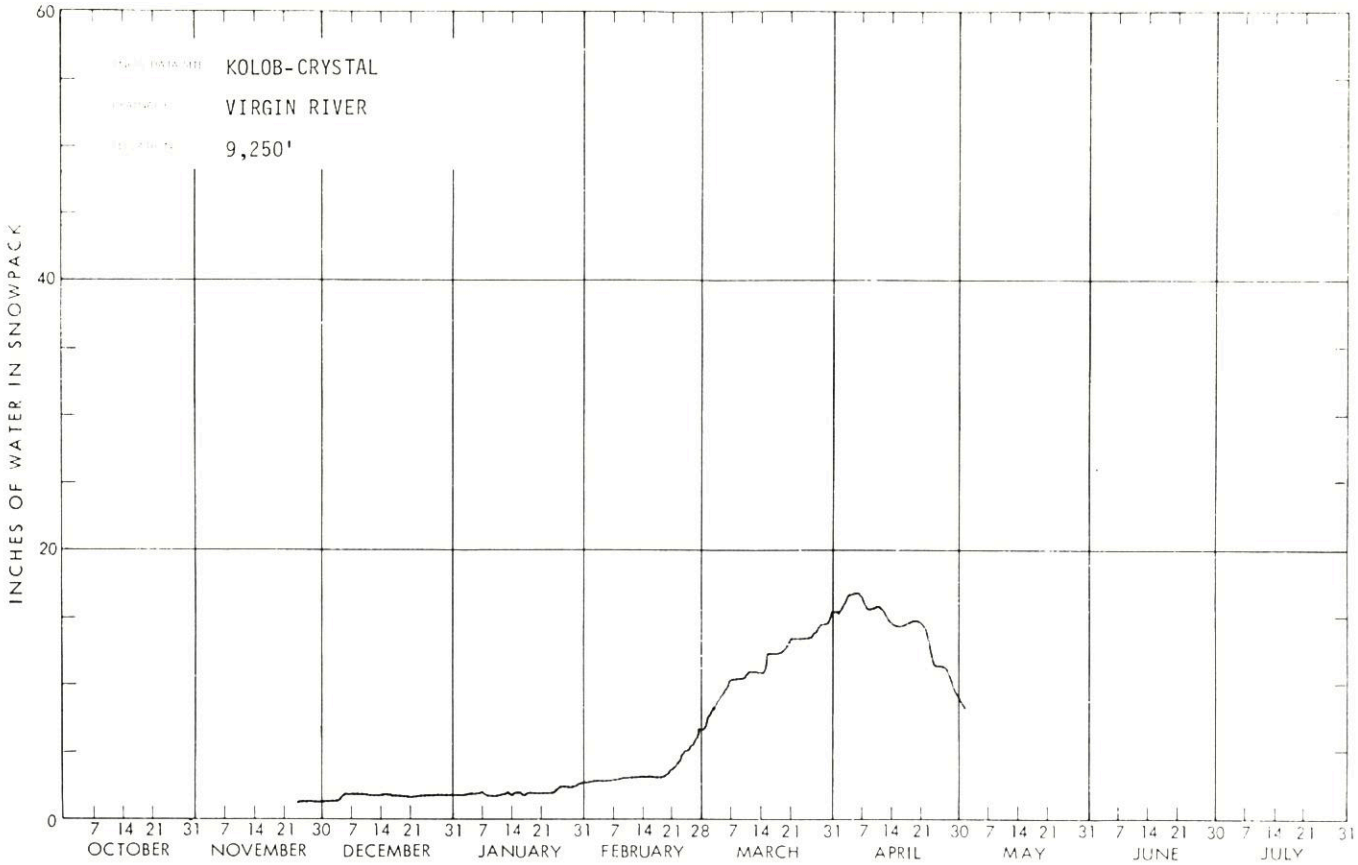

SNOW DATA SITE: VERNON CREEK
DRAINAGE: JORDAN RIVER & THE GREAT SALT LAKE
ELEVATION: 7,500'
INCHES OF WATER IN SNOWPACK
30
20
10
0
7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 31 7 14 21 28 7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 30 7 14 21 31
OCTOBER NOVEMBER DECEMBER JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY


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
OCTOBER NOVEMBER DECEMBER JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY


KOLOB-CRYSTAL
VIRGIN RIVER
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
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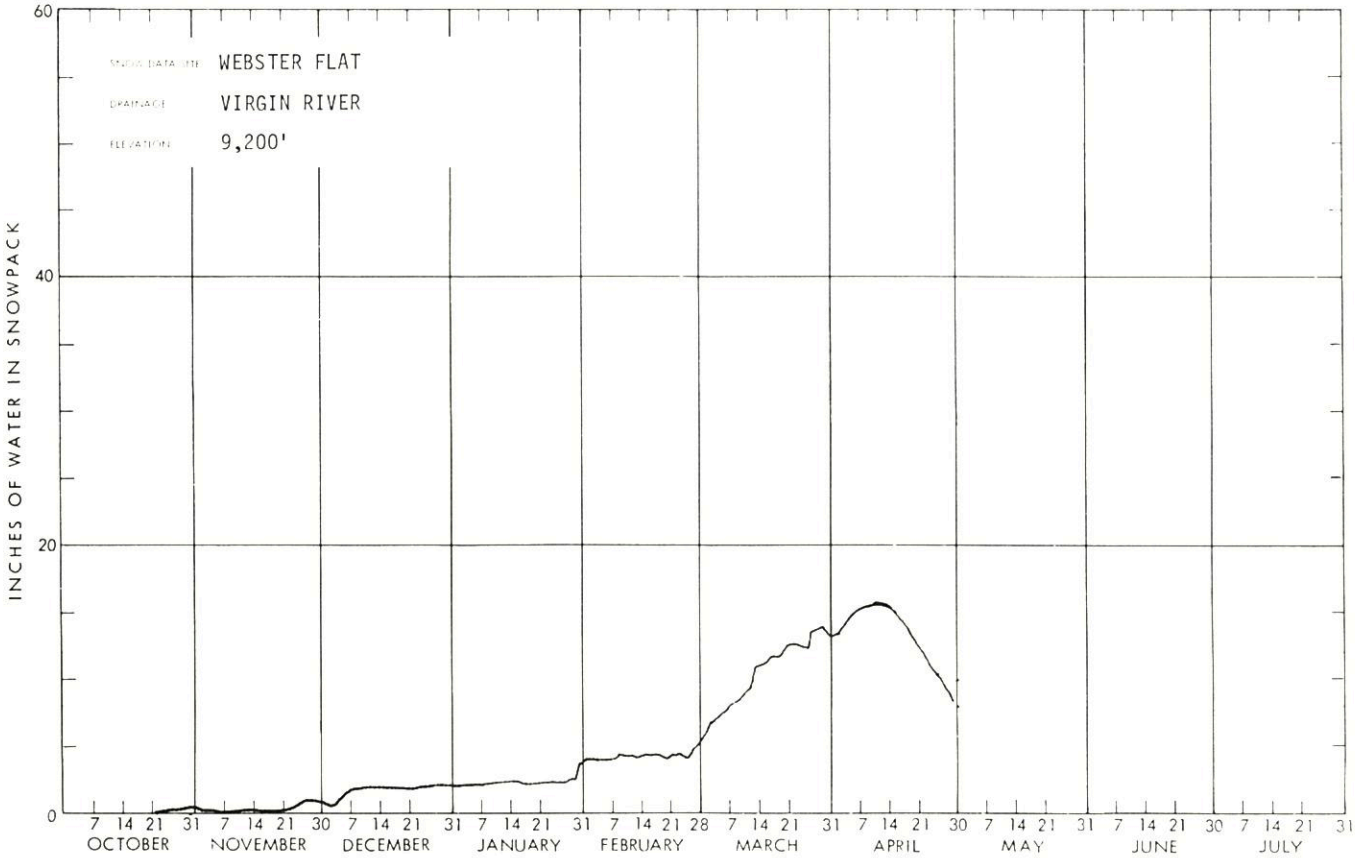
JUNE
JULY


WEBSTER FLAT
VIRGIN RIVER
9,200'
INCHES OF WATER IN SNOWPACK
60
40
20
0
7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 31 7 14 21 28 7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 30 7 14 21 31
OCTOBER
NOVEMBER
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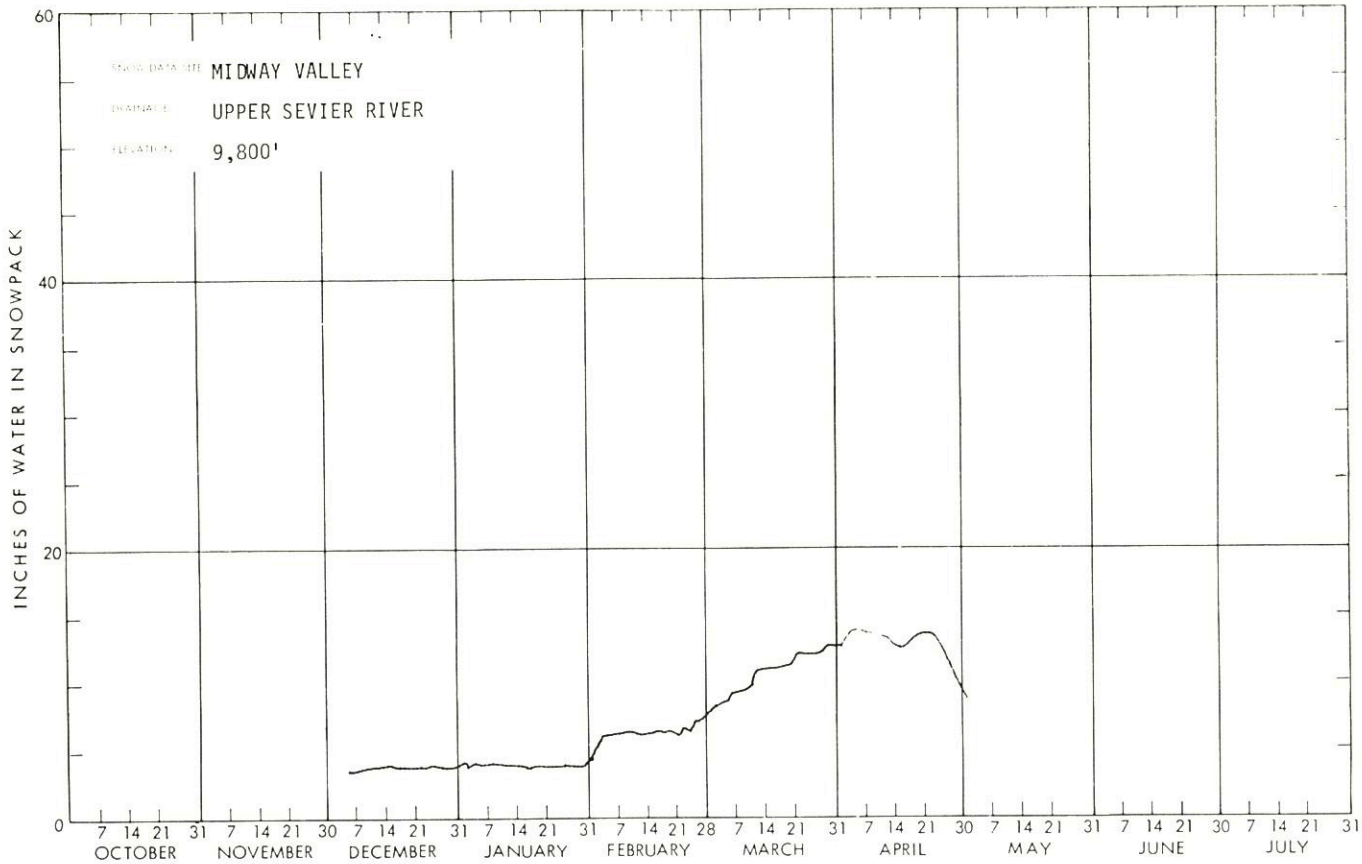
JULY


SNOW DATA SITE: MIDWAY VALLEY
DRAINAGE: UPPER SEVIER RIVER
ELEVATION: 9,800'
INCHES OF WATER IN SNOWPACK
0
20
40
60
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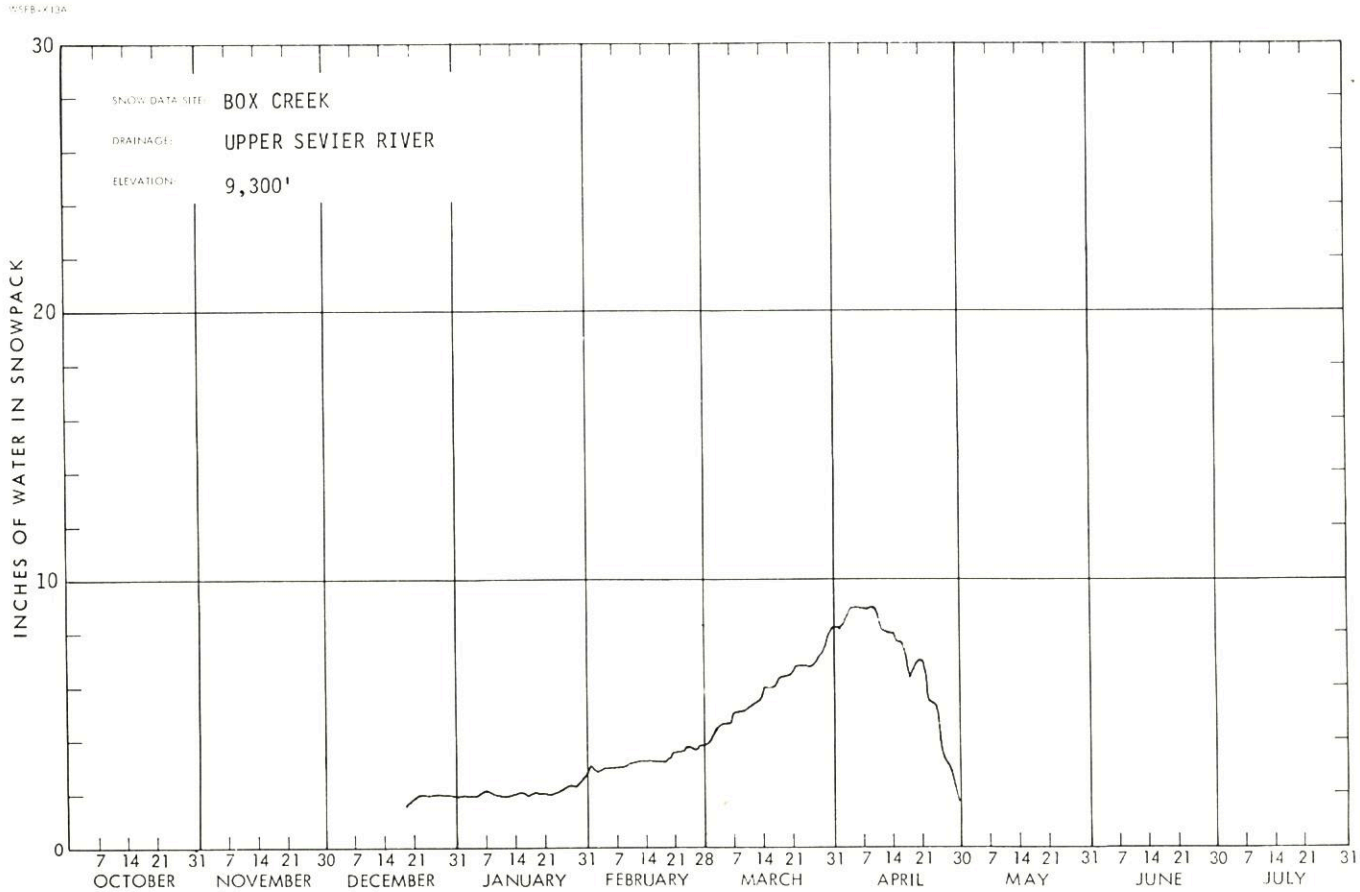
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DRAINAGE: UPPER SEVIER RIVER
ELEVATION: 9,300'
INCHES OF WATER IN SNOWPACK
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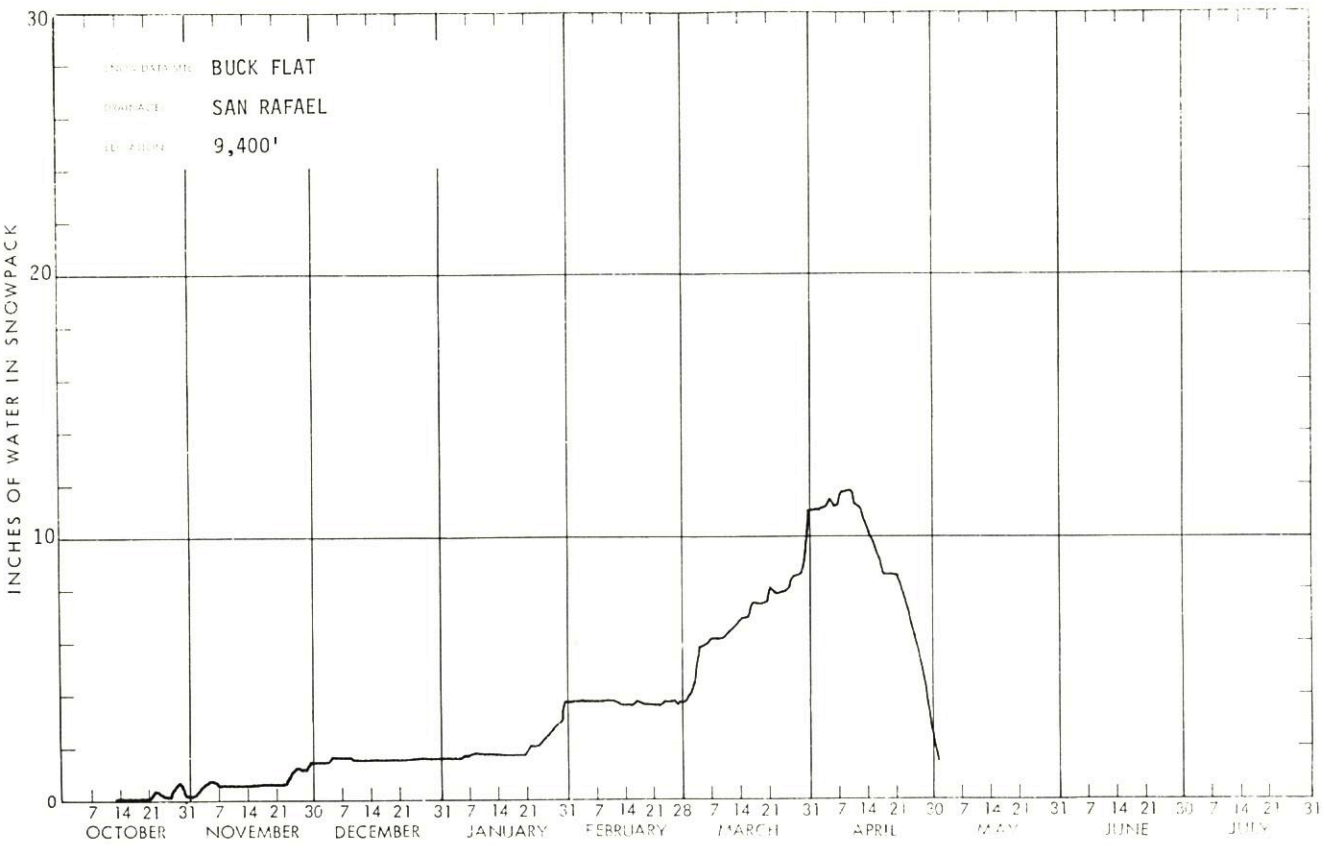
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SAN RAFAEL
9,400'
INCHES OF WATER IN SNOWPACK
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7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 31 7 14 21 28 7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 30 7 14 21 31
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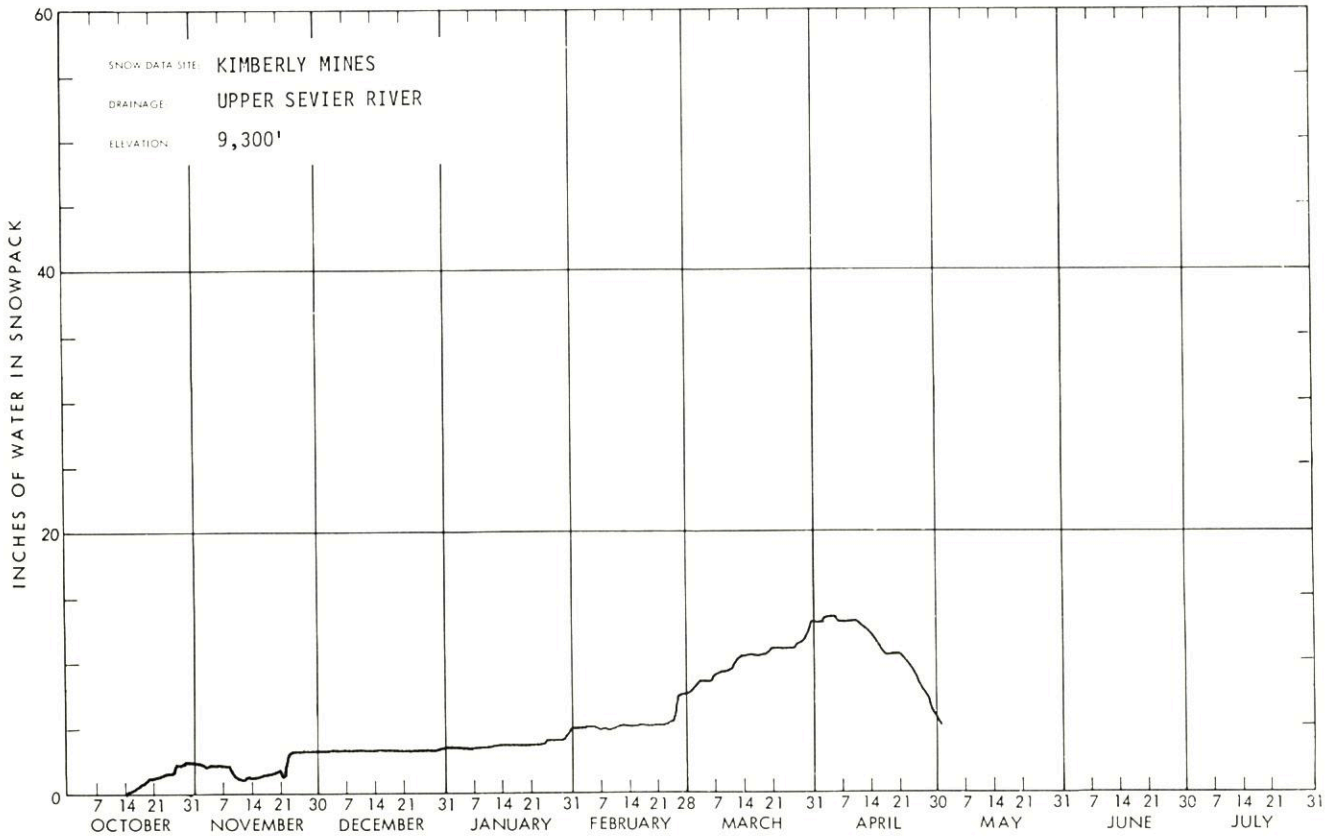
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DRAINAGE UPPER SEVIER RIVER
ELEVATION 9,300'
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0
7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 31 7 14 21 28 7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 30 7 14 21 31
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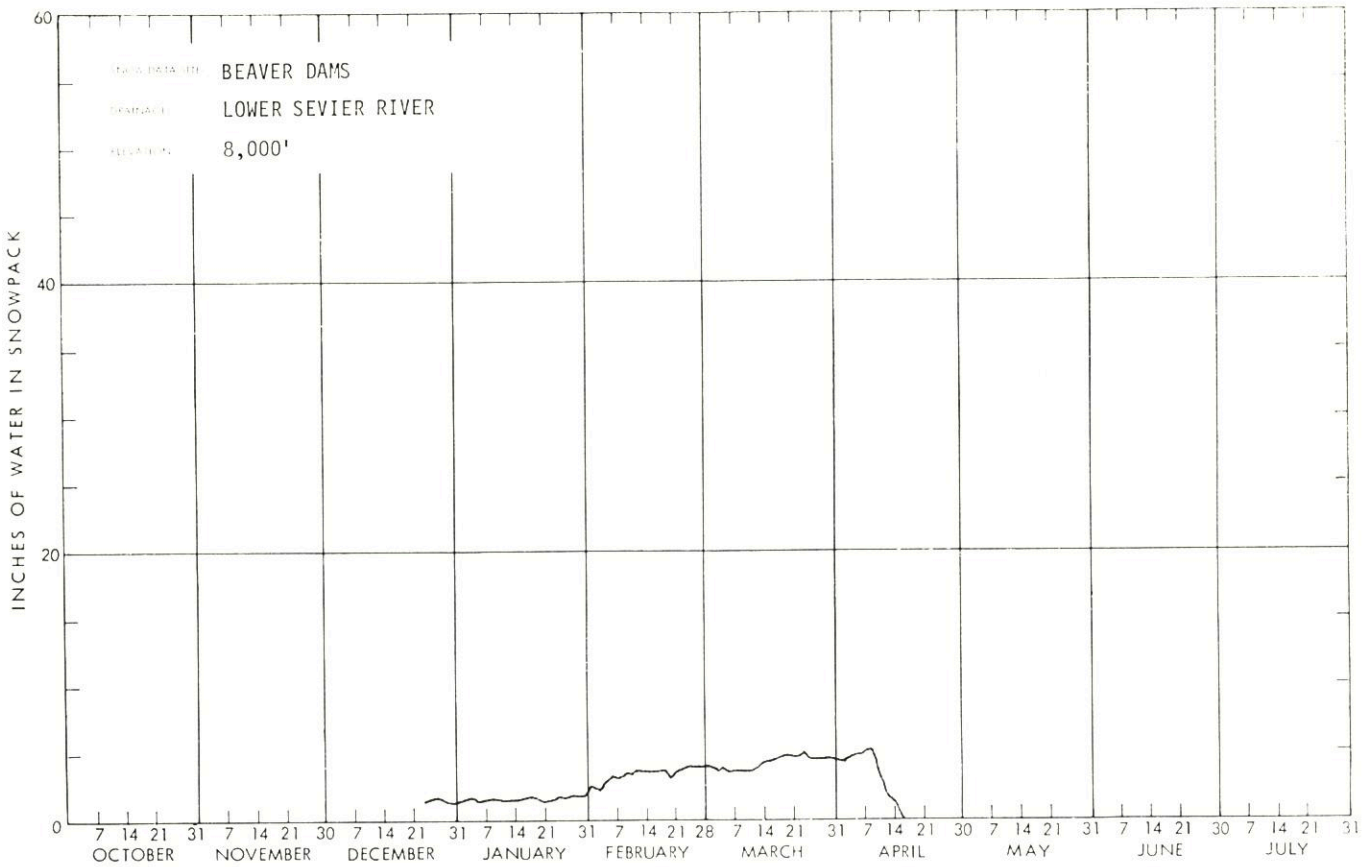
BEAVER DAMS
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7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 31 7 14 21 28 7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 30 7 14 21 31
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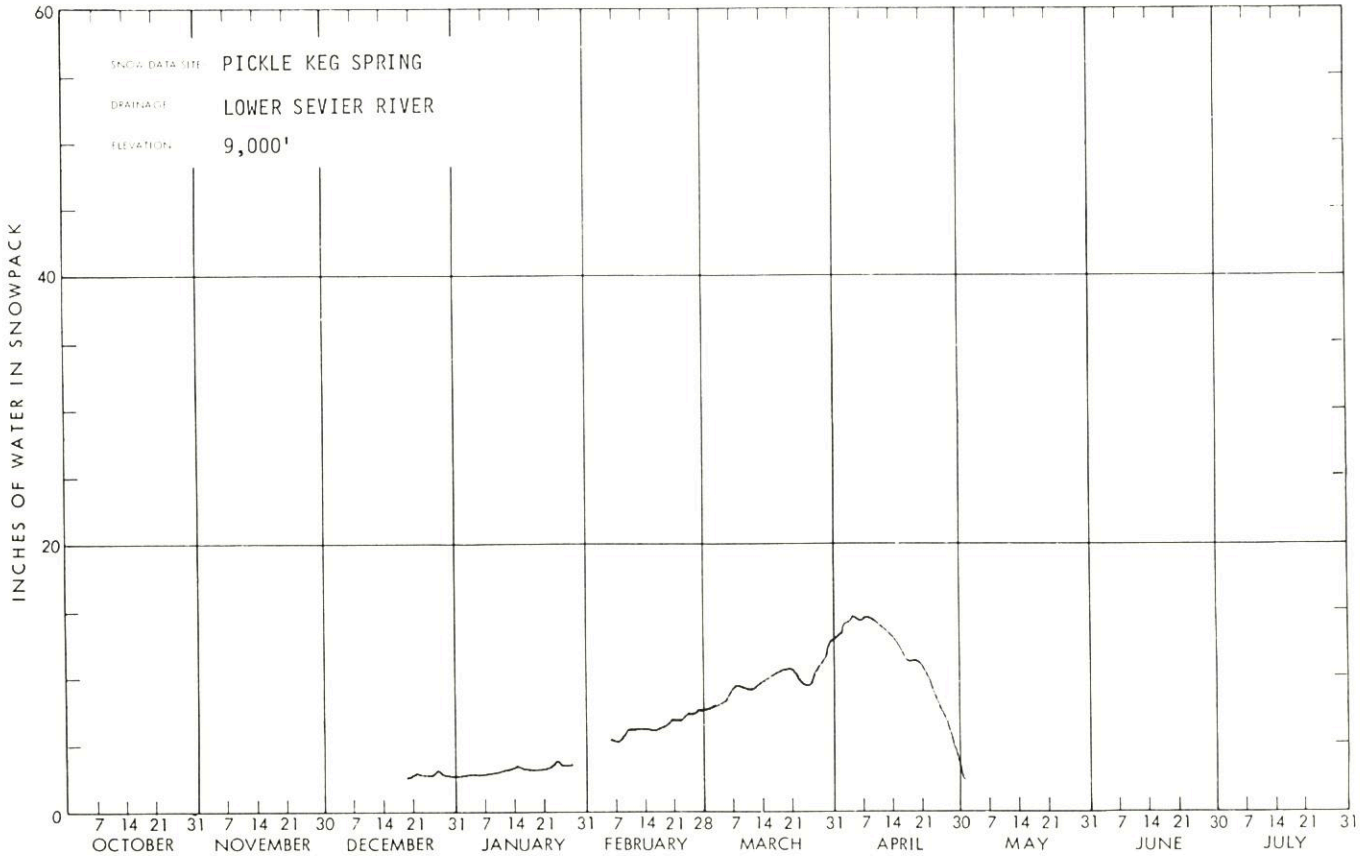
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LOWER SEVIER RIVER
9,000'
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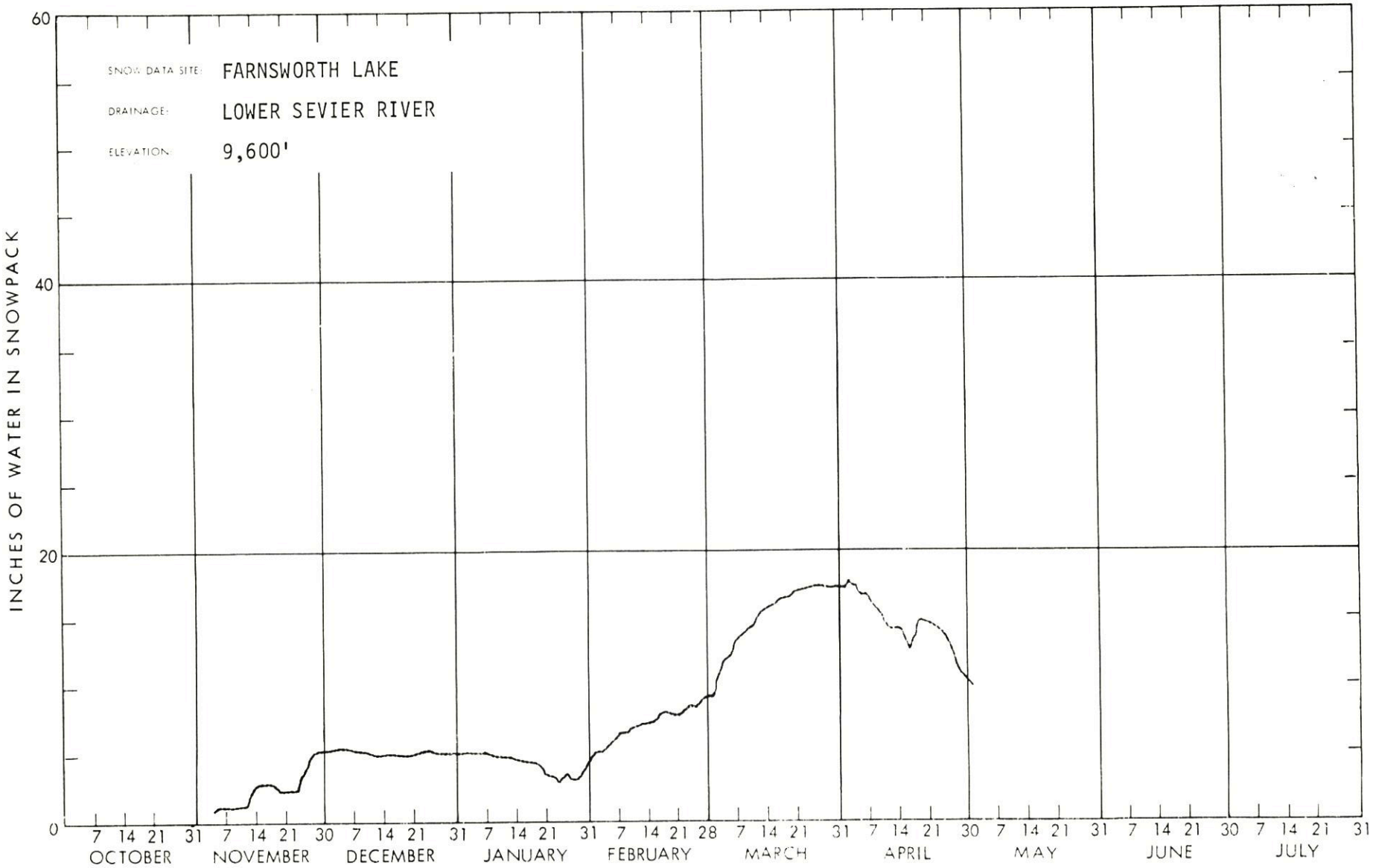
7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 31 7 14 21 28 7 14 21 31 7 14 21 30 7 14 21 31 7 14 21 30 7 14 21 31
OCTOBER NOVEMBER DECEMBER JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY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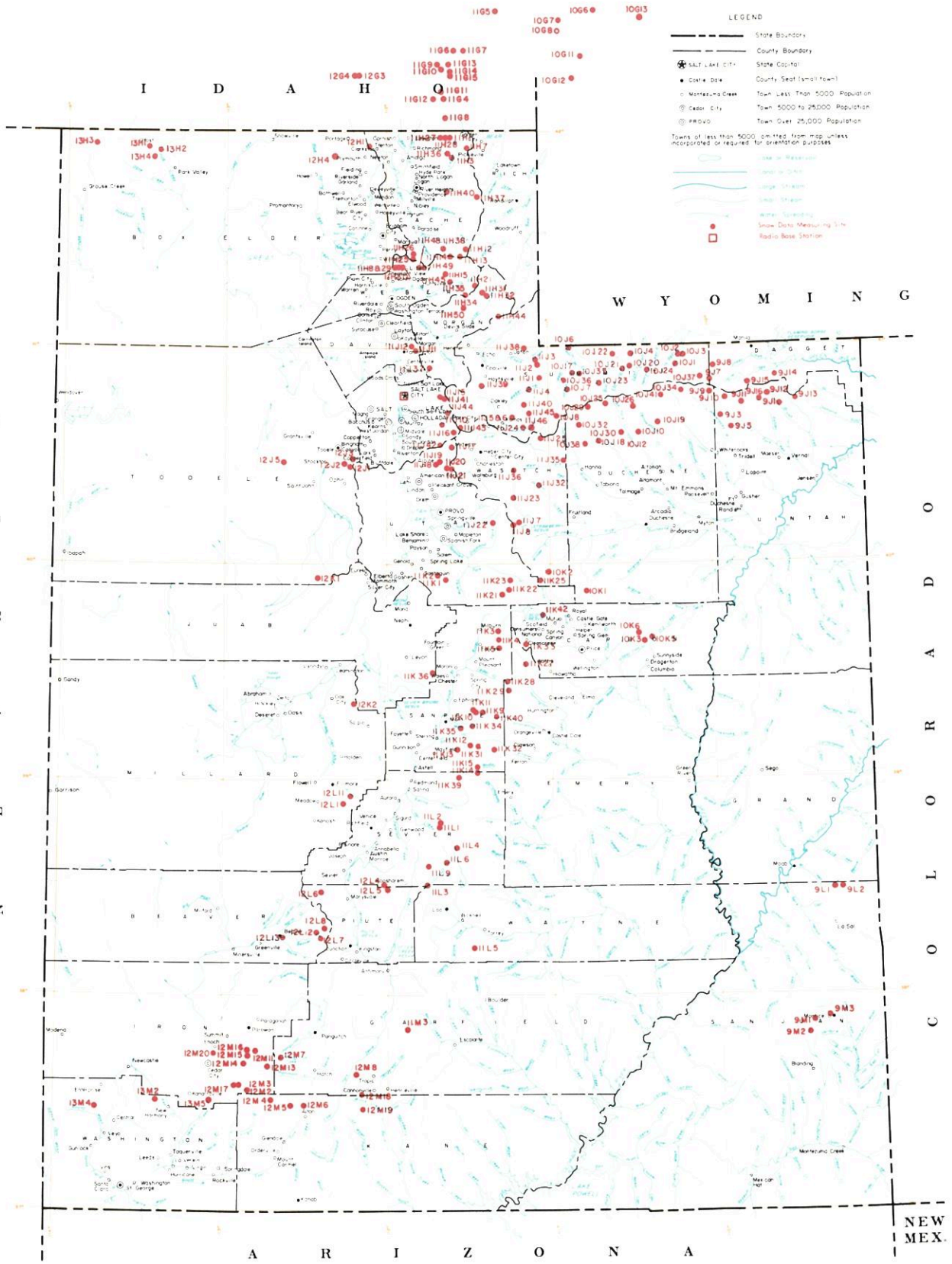


SNOW COURSES AND RELATED DATA MEASURING SITES

UTAH

1981

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

SCALE 1:1,000,000

ALBERS EQUAL AREA PROJECTION

USDA SCS PORTLAND OR 1981 M7-01-22027

INDEX TO UTAH; BEAR & UPPER COLORADO RIVER BASINS

GREAT BASIN DRAINAGE

NO	STATE	NAME	SEC	TWP	RGE	ELEV
		UPPER BEAR RIVER (above Harer, Idaho)				
10G11	W	Big Park	7	27N	117W	8,700
10J6P	U	Burts-Miller Ranch	19	3N	10E	7,900
10G7	W	CCC Camp x	9	29N	118W	7,500
10J36p	U	Gold Hill	15	1N	9E	10,000
10J7PST	U	Hayden Fork	25	1N	9E	9,400
10G12	W	Kelly Ranger Station	13	26N	118W	8,200
10J35p	U	Lily Lake	34	2N	10E	9,050
11H12PST	U	Monte Cristo R.S.	4	8N	4E	8,960
10G6	W	Poison Meadows x	29	30N	116W	8,500
10G8P	W	Salt River Summit x	32	29N	118W	7,900
10G13MP	W	Snyder Basin x	15	29N	115W	8,400
10J17P	U	Stillwater Camp	32	2N	10E	8,550
		LOWER BEAR RIVER (below Harer, Idaho)				
11H37pST	U	Bug Lake	18	11N	5E	7,950
11G11	I	Christensen Ranch	27	13S	41E	5,600
11H38p	U	Cinnamon Creek	5	8N	3E	7,300
12H1p	U	Clarkston Mountain	29	14N	2W	6,300
11G12	I	Cub River Ranger Station	5	15S	41E	5,400
11G14a	I	Dry Basin	30	13S	42E	7,900
12G4	I	Dry Creek Flat	31	13S	37E	6,350
11G6	I	Emigrant Summit	21	12S	42E	7,350
11G7	I	Emigration Canyon (mouth)	24	12S	42E	6,500
11G8MPST	I	Franklin Basin	1	16S	41E	8,000
11H7MP	U	Garden City Summit	34 & 35	14N	4E	7,600
11H40p	U	Herd Hollow	3	11N	3E	7,200
11G15a	I	Horseshoe Basin	31	13S	42E	8,000
11H1MP	U	Klondike Narrows	10	14N	3E	7,400
11G13	I	Liberty Springs	7	13S	42E	8,240
11H26	U	Little Bear (lower)	16	8N	1E	6,000
11H25PST	U	Little Bear (upper)	22	8N	1E	6,550
12G3	I	Oxford Mountain	32	13S	37E	6,800
11G5	I	Slug Creek Divide	15	10S	44E	7,225
11H27	U	Steep Hollow #1	7	14N	3E	8,500
11H28	U	Steep Hollow #2	9	14N	3E	7,700
11G9	I	Strawberry Creek	9	13S	41E	5,800
11G10	I	Strawberry Mink Divide	14	13S	41E	6,800
11H36PST	U	Tony Grove Lake	5	13N	3E	8,400
11H3MP	U	Tony Grove Ranger Station	11	13N	3E	6,250
11G4P	I	Willow Flat	2	15S	41E	6,100
		RAFT RIVER				
13H2a	U	Clear Creek Meadows	26	14N	14W	9,050
13H4PS	U	George Peak	4	13N	14W	9,000
13H1	U	One Mile Summit	17	14N	14W	7,330
13H3a	U	ViPont	17	14N	17W	7,670
		OGDEN RIVER				
11H14M	U	Beaver Creek-Skunk Creek	22	8N	3E	7,150
11H8PST	U	Ben Lomond Peak	3	7N	1W	8,000
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 (Cad 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	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
		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
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 (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	Special Data Site

United States
Department of
Agriculture

Soil
Conservation
Service

Salt Lake City
Utah

WATER SUPPLY OUTLOOK FOR UTAH

in Cooperation with Utah State
Department of Natural Resources

FOR
RAY

June 1, 1981

INDEX TO UTAH, BEAR & UPPER COLORADO RIVER BASINS

GREAT BASIN DRAINAGE

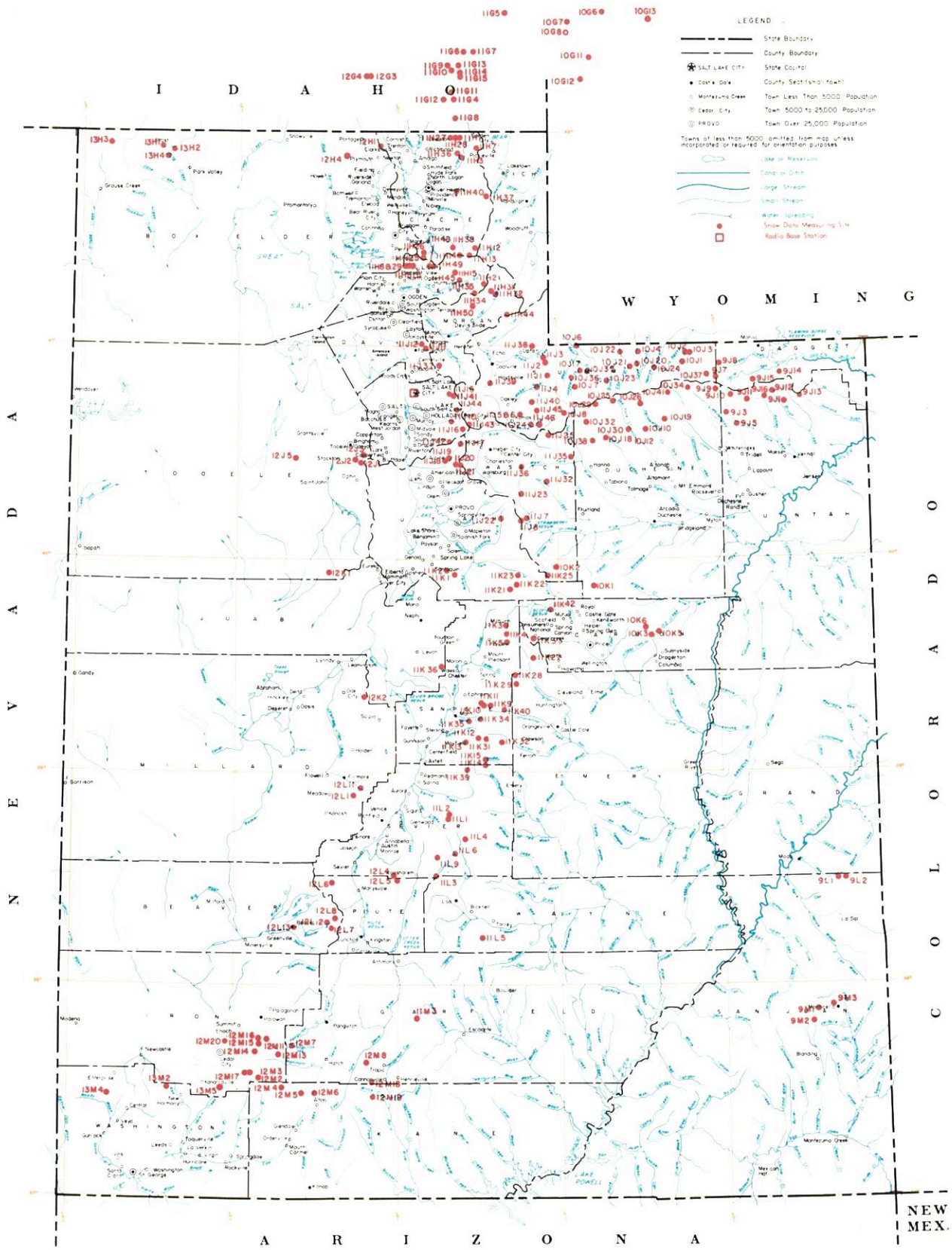
NO.	STATE	NAME	SEC	TWP	RGE	ELEV
		UPPER BEAR RIVER (above Harer, Idaho)				
10G11	W	Big Park	7	27N	117W	8,700
10J6P	U	Burts-Miller Ranch	19	3N	10E	7,900
10G7	W	CCC Camp x	9	29N	118W	7,500
10J36p	U	Gold Hill	15	1N	9E	10,000
10J7PST	U	Hayden Fork	25	1N	9E	9,400
10G12	W	Kelly Ranger Station	13	26N	118W	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
10GBP	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	J	Beaver Creek R.S.	28	2S	7E	7,500
11J1PST	J	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



SNOW COURSES AND RELATED DATA MEASURING SITES

UTAH

1981

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

SCALE 1:1,500,000

ALBERS EQUAL AREA PROJECTION

USDA SCS-PORTLAND OR 1980 M7-01-220/2

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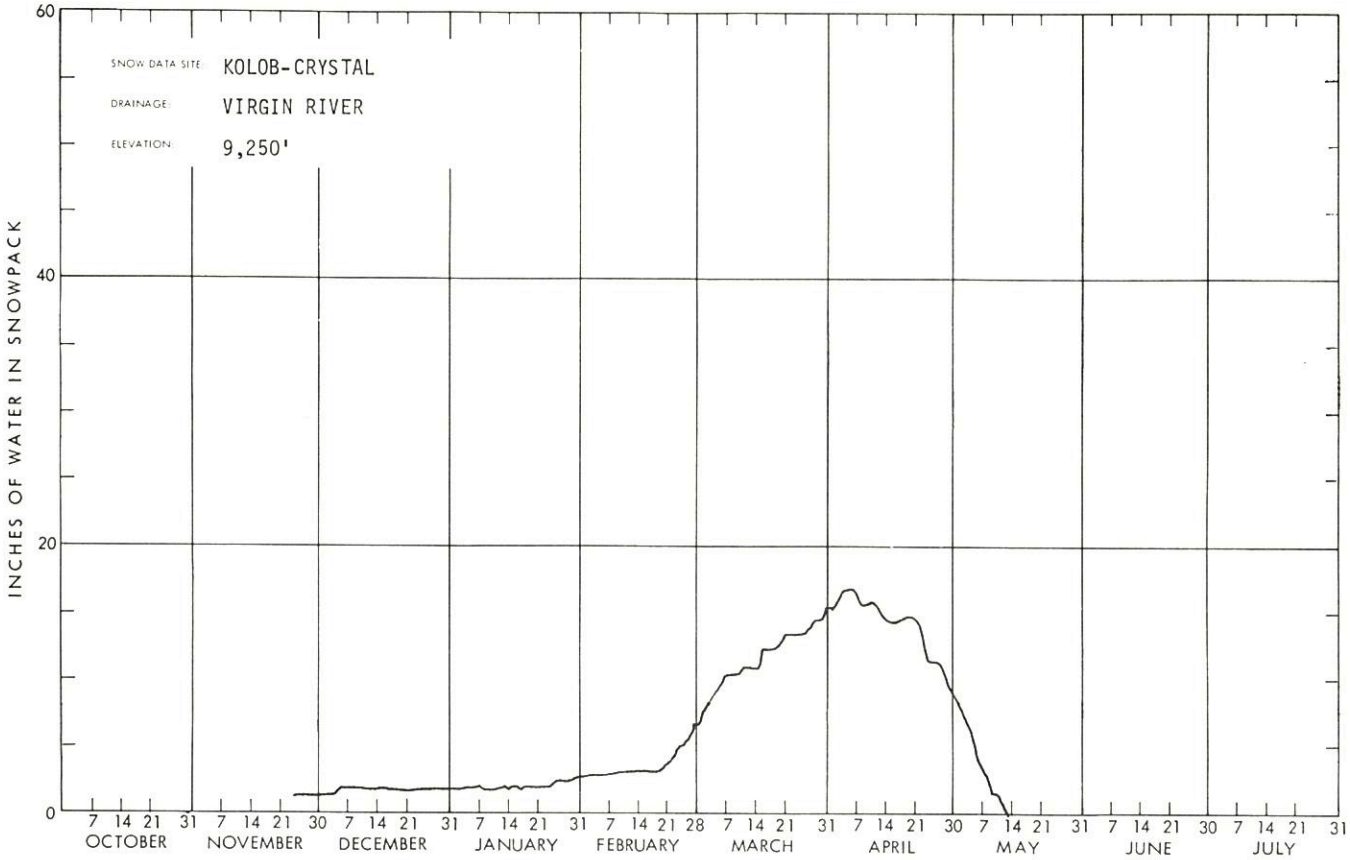

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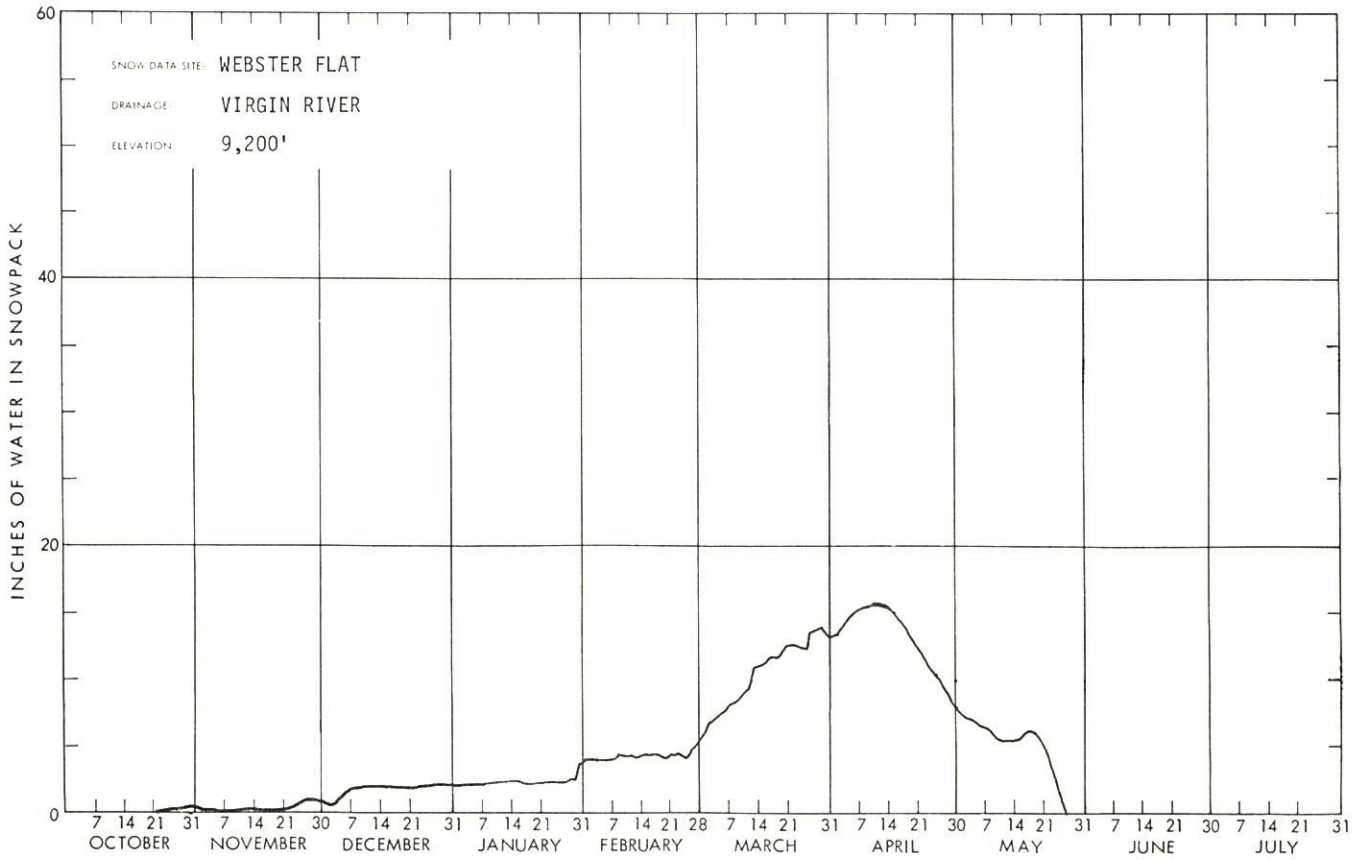

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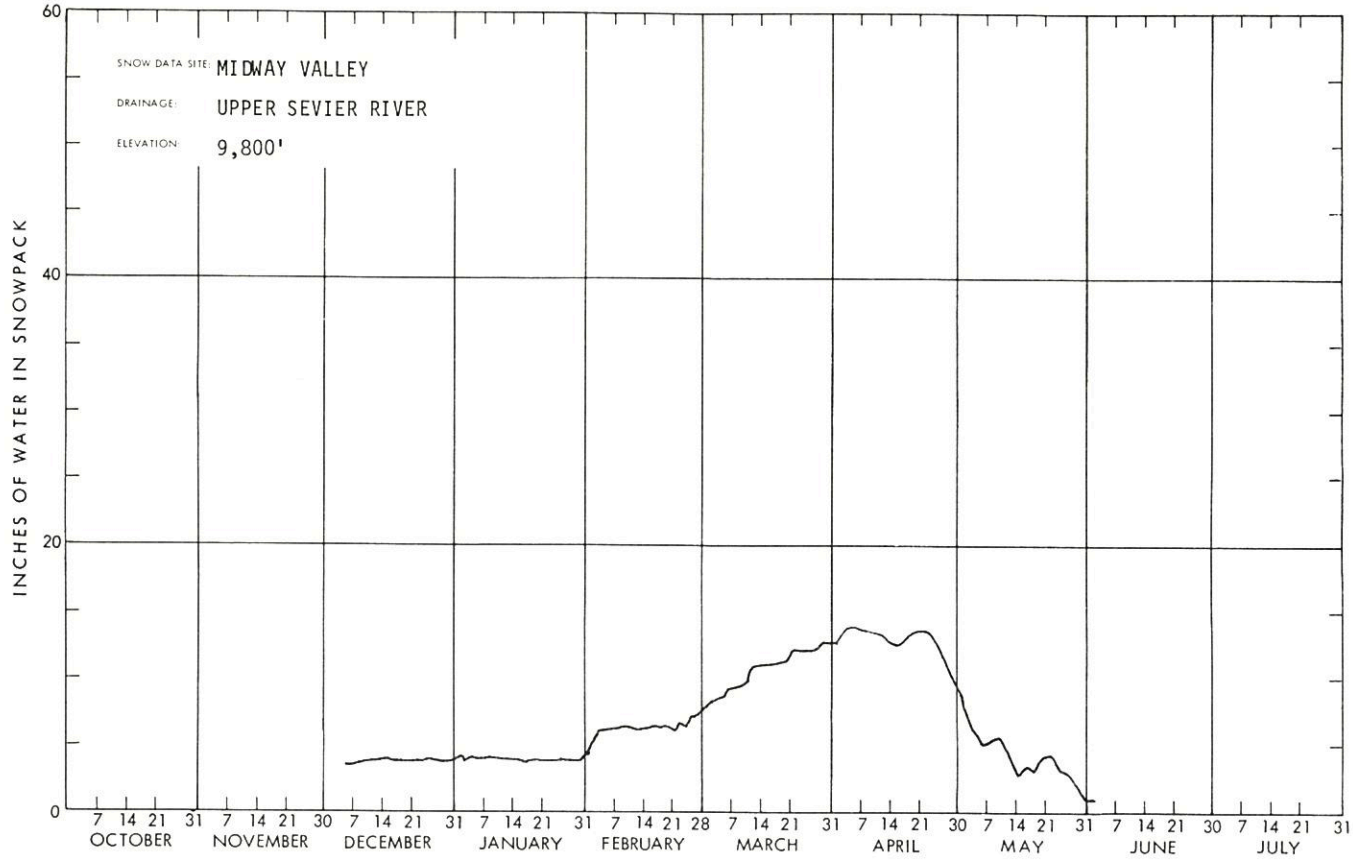

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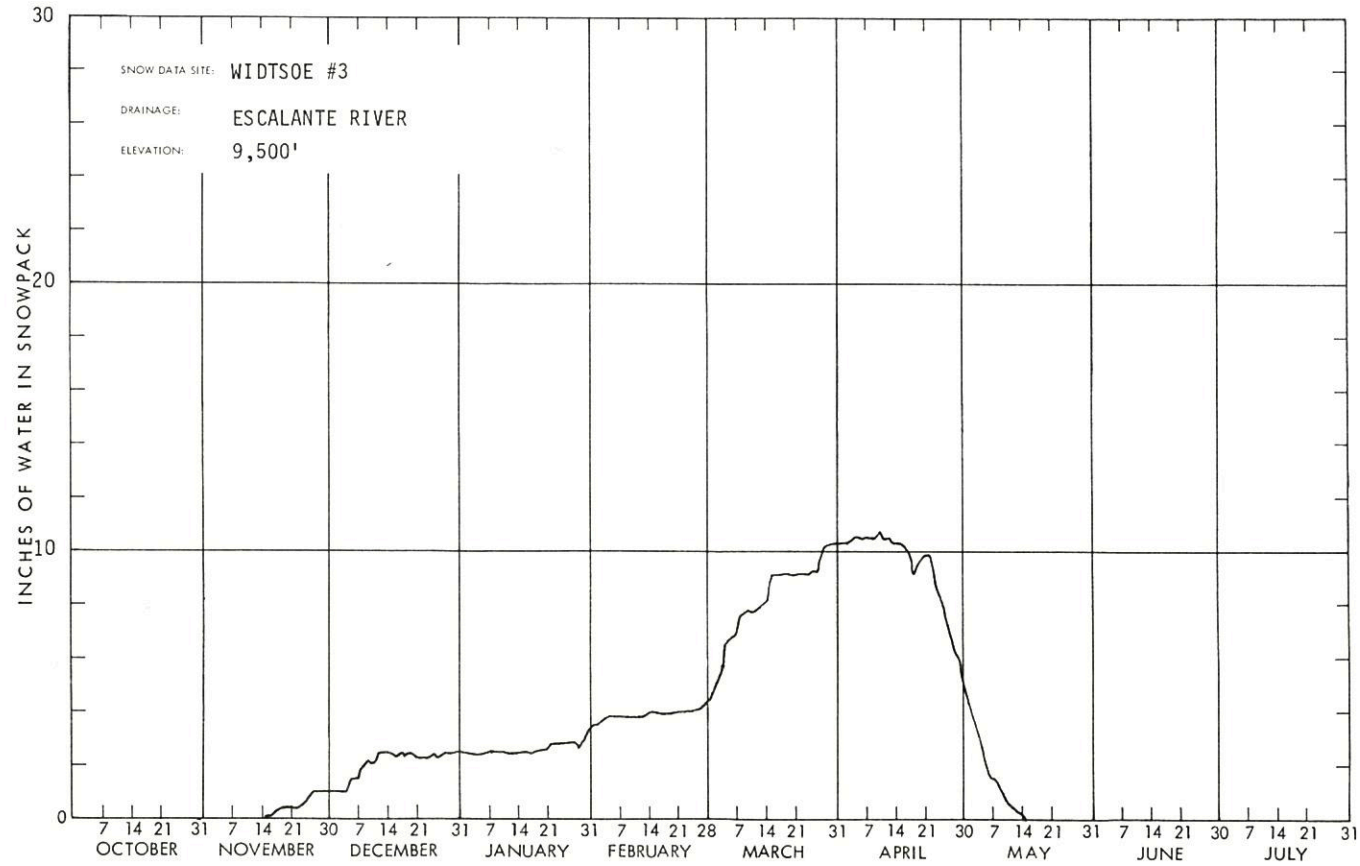

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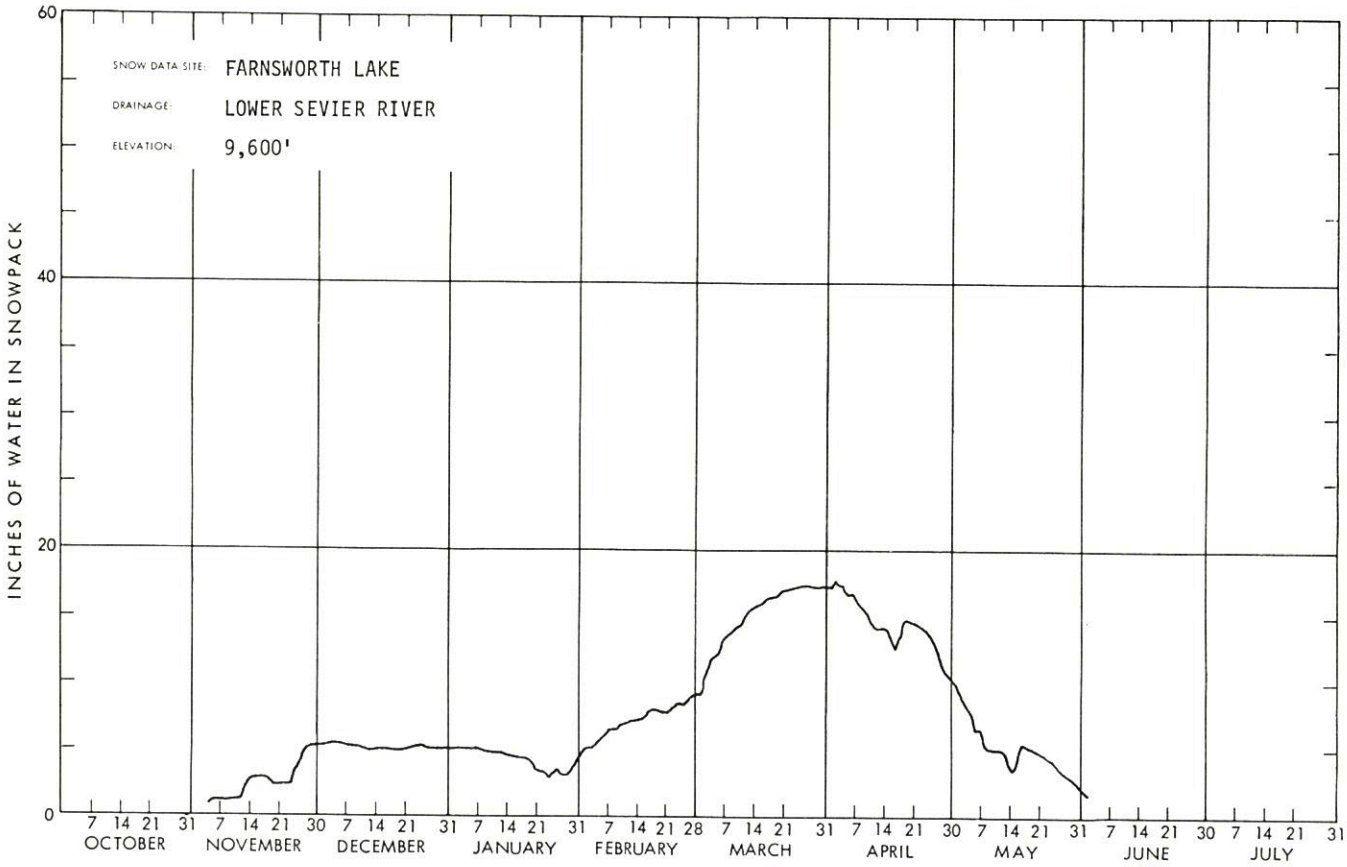

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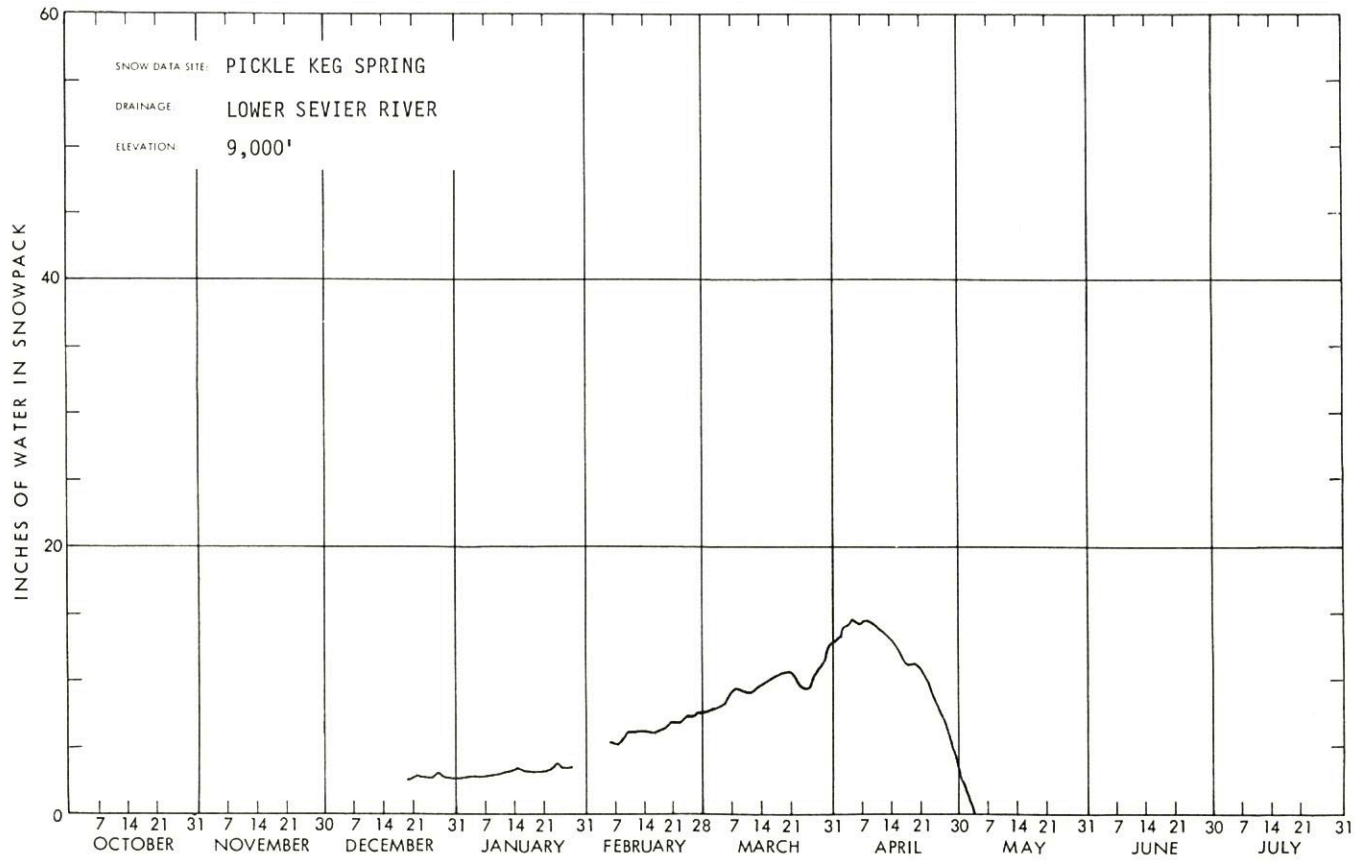

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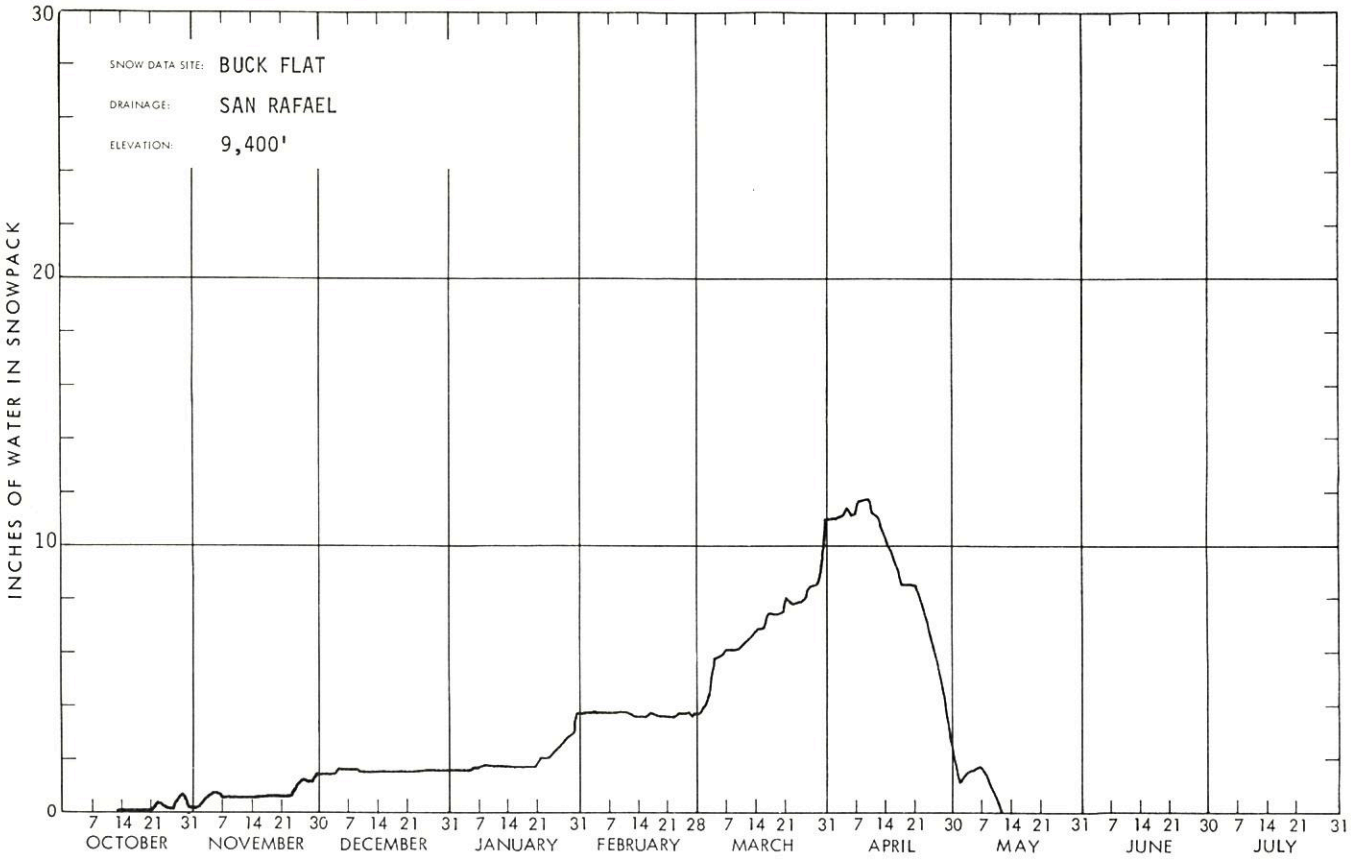

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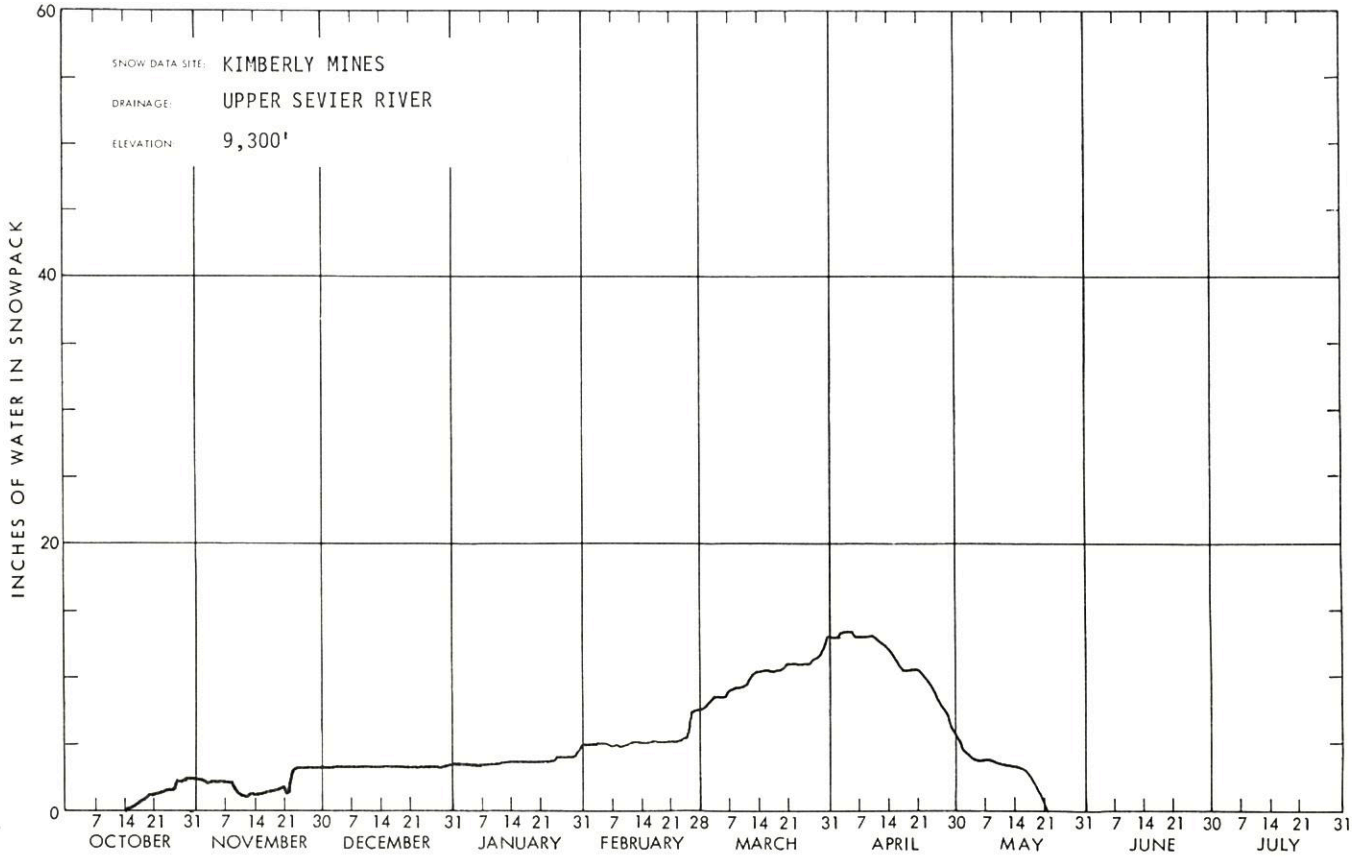

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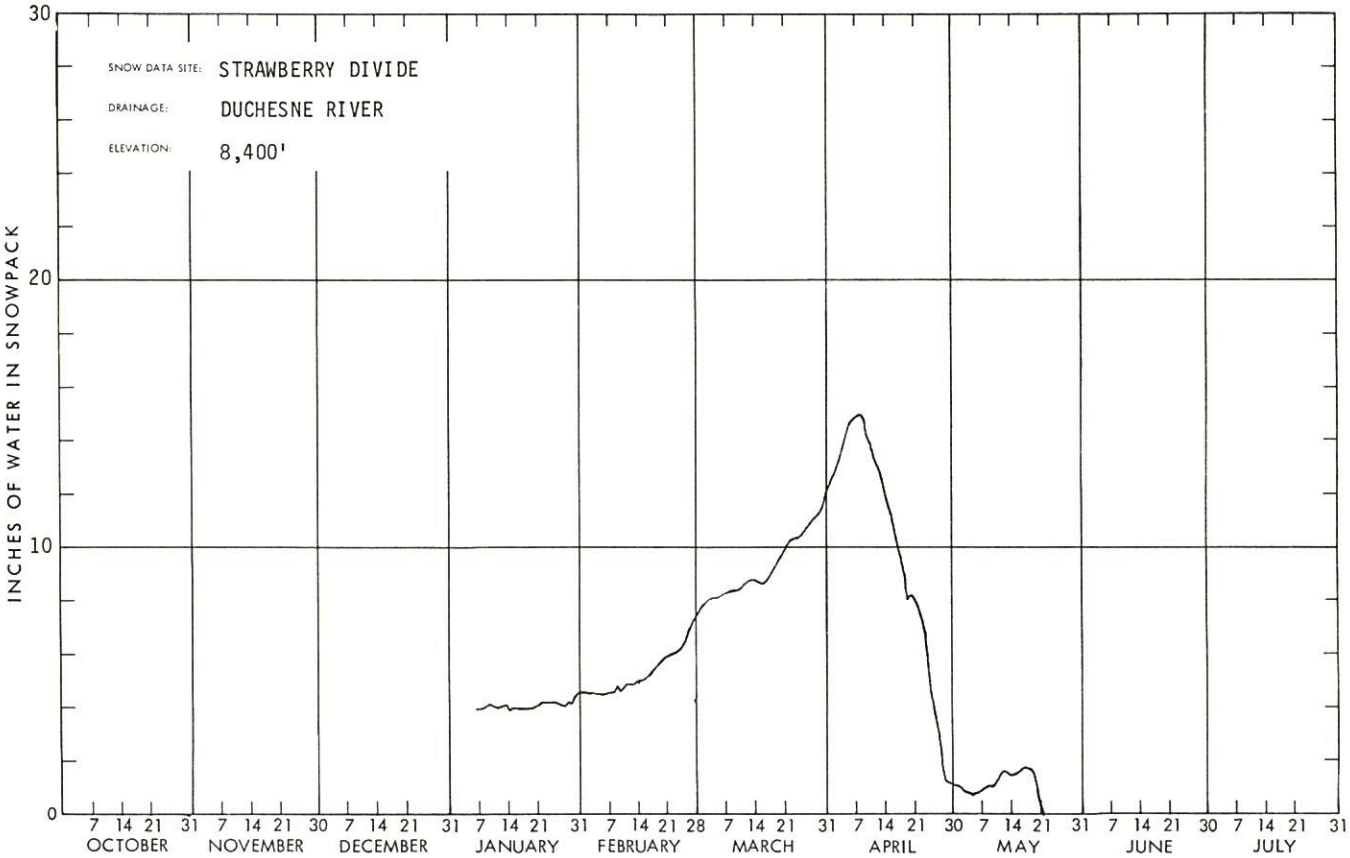

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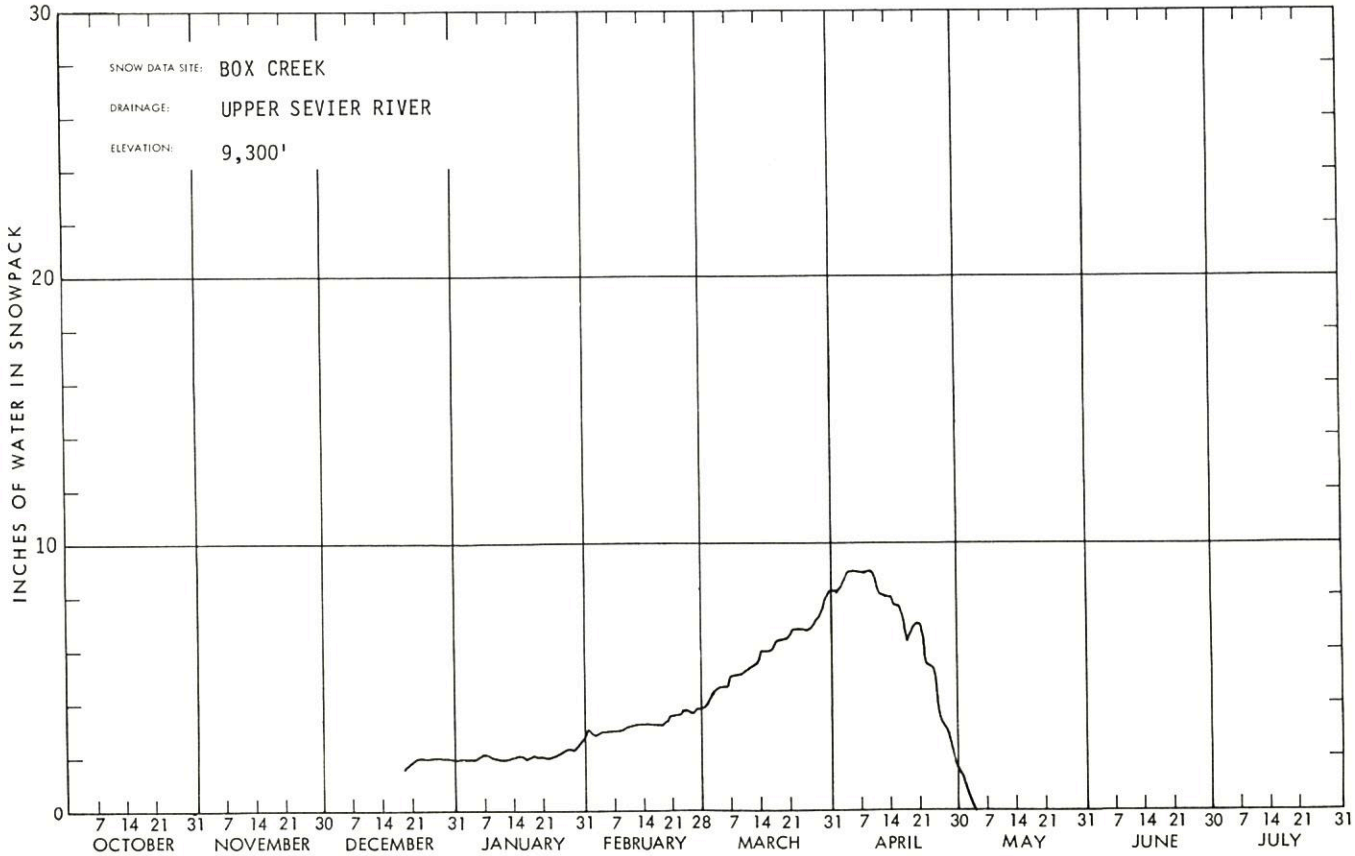

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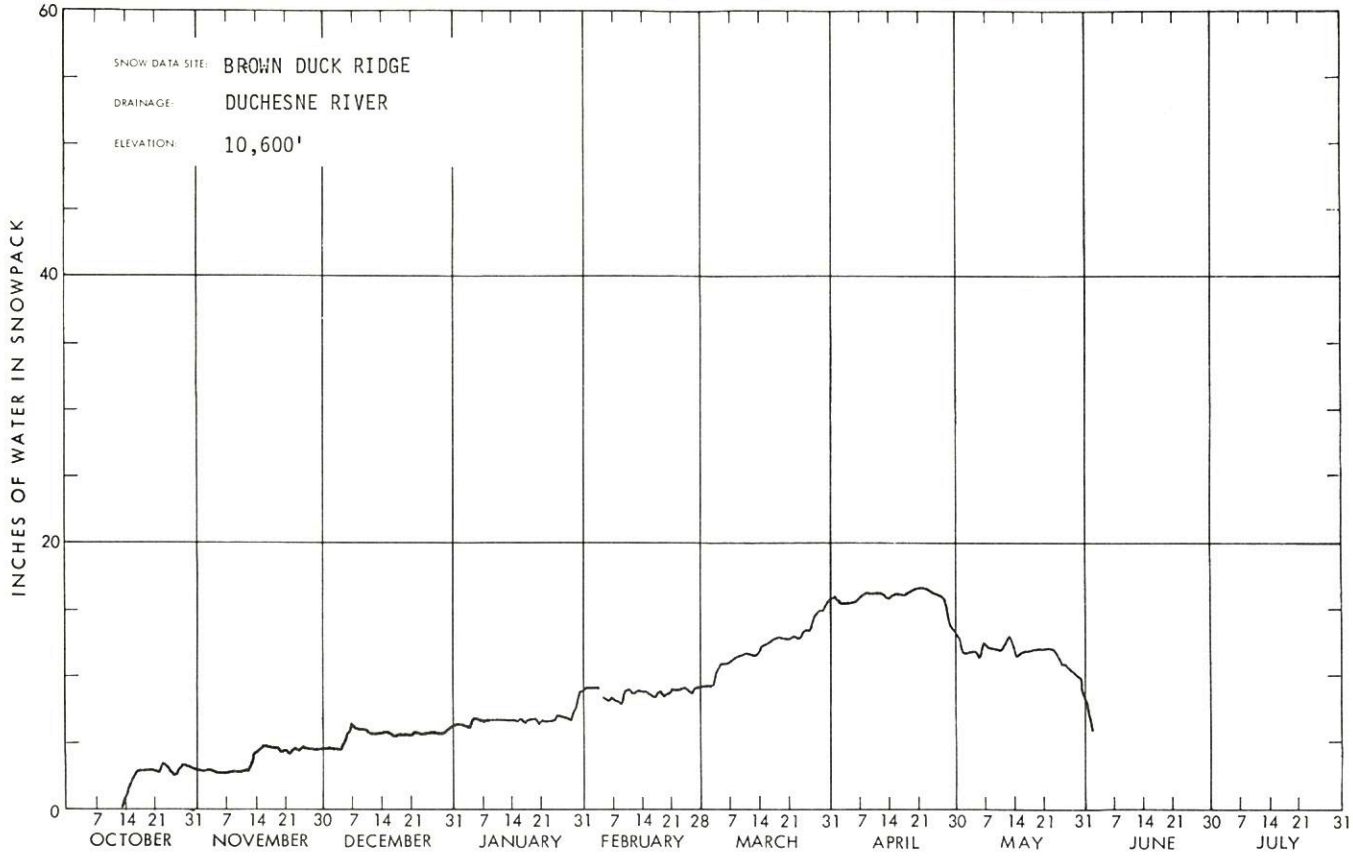

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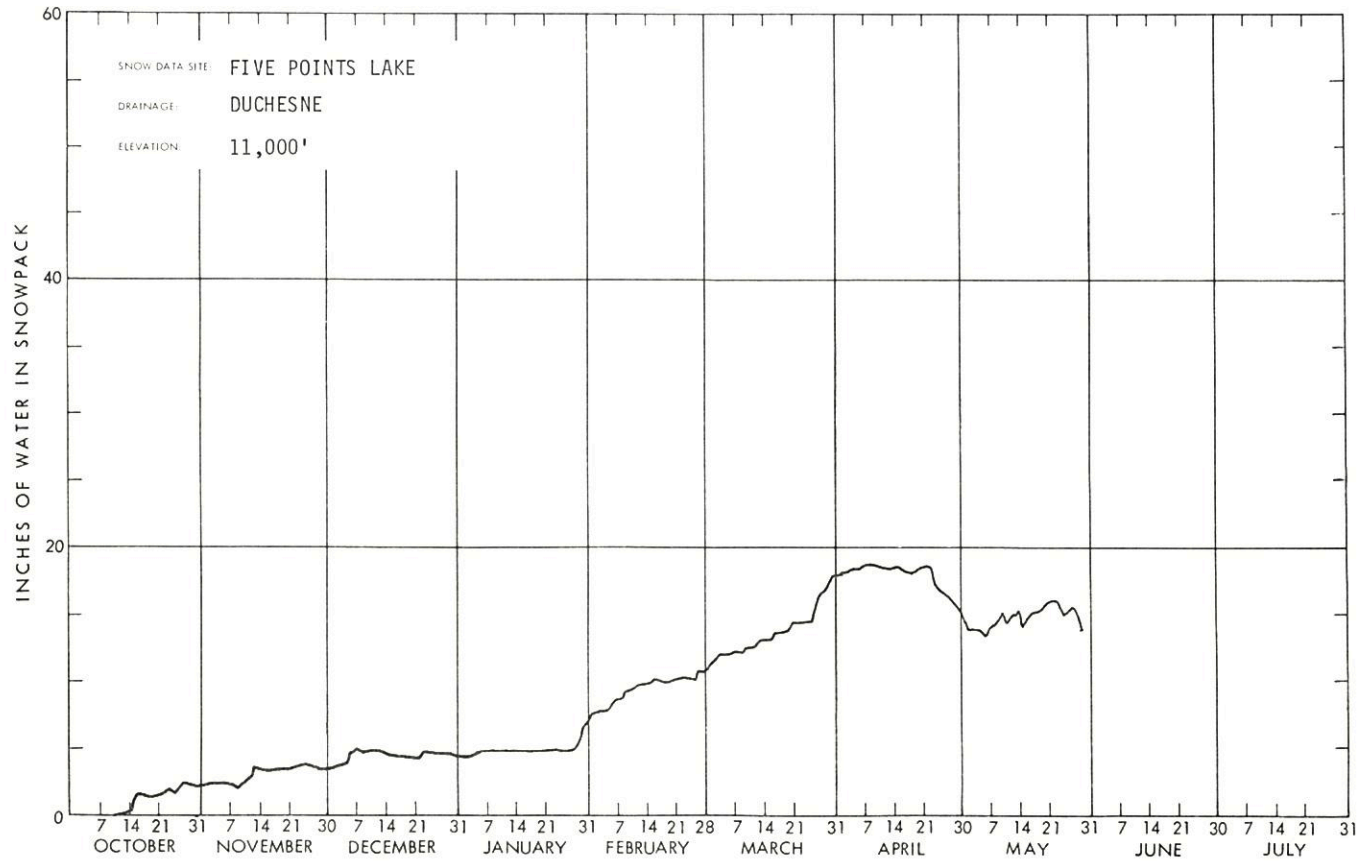

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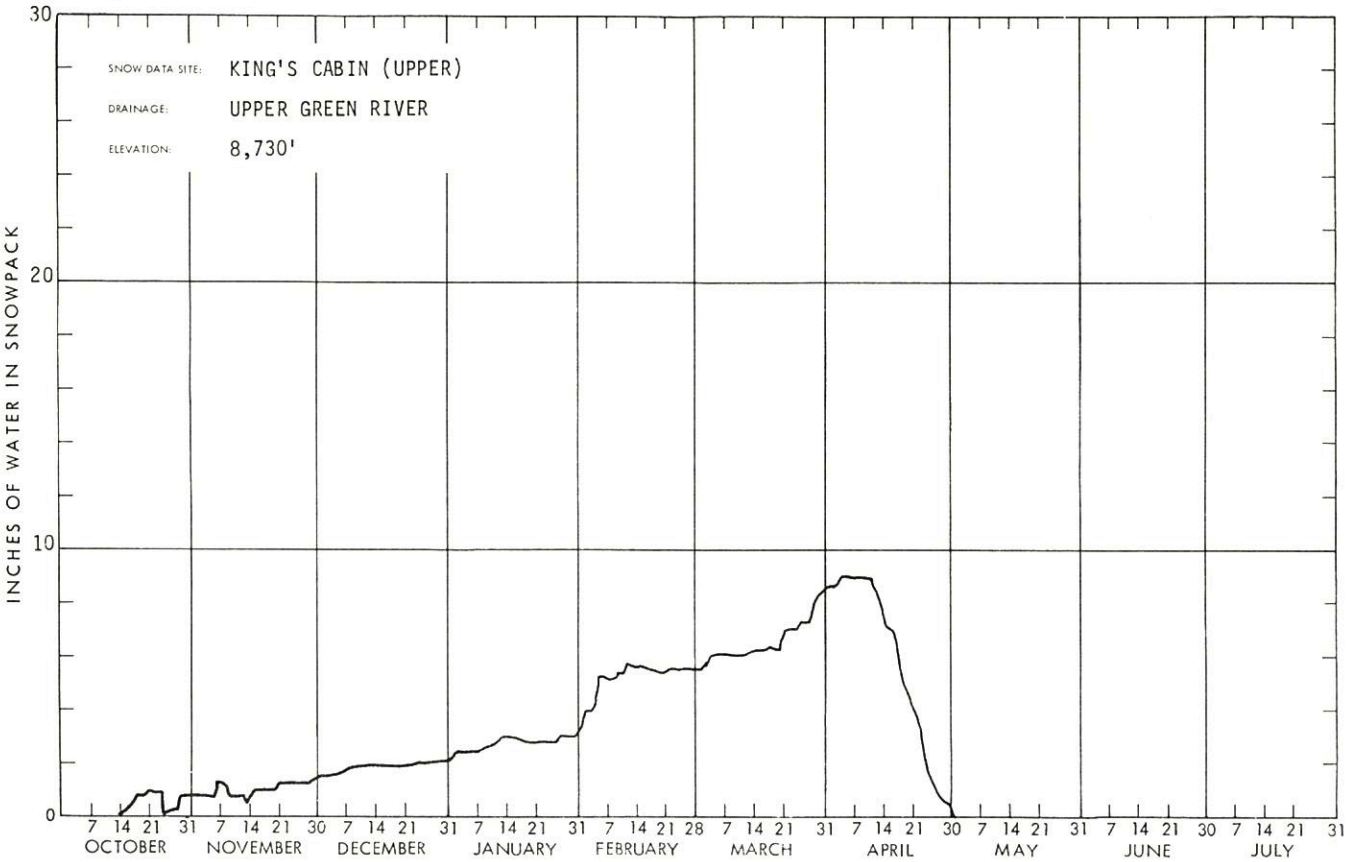

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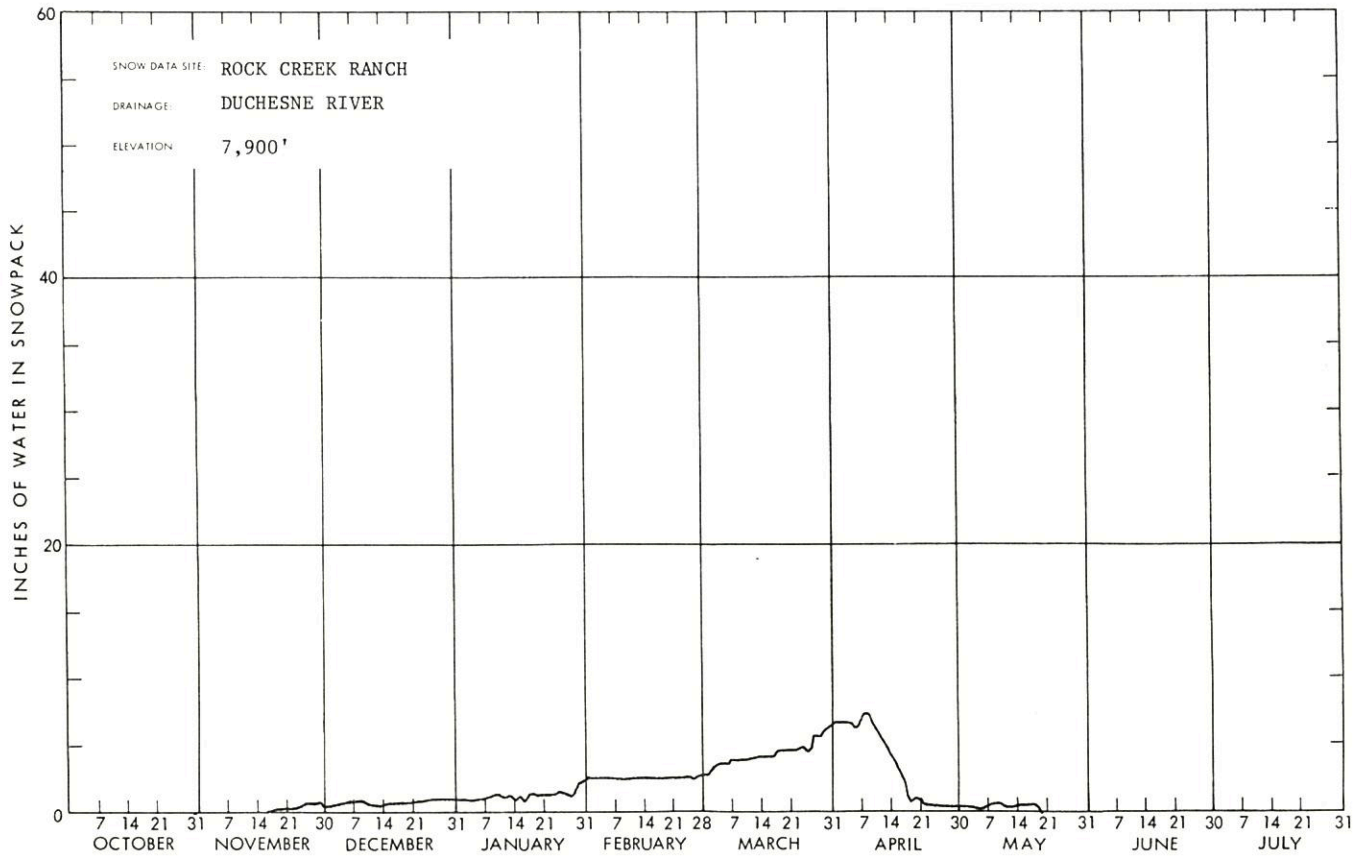

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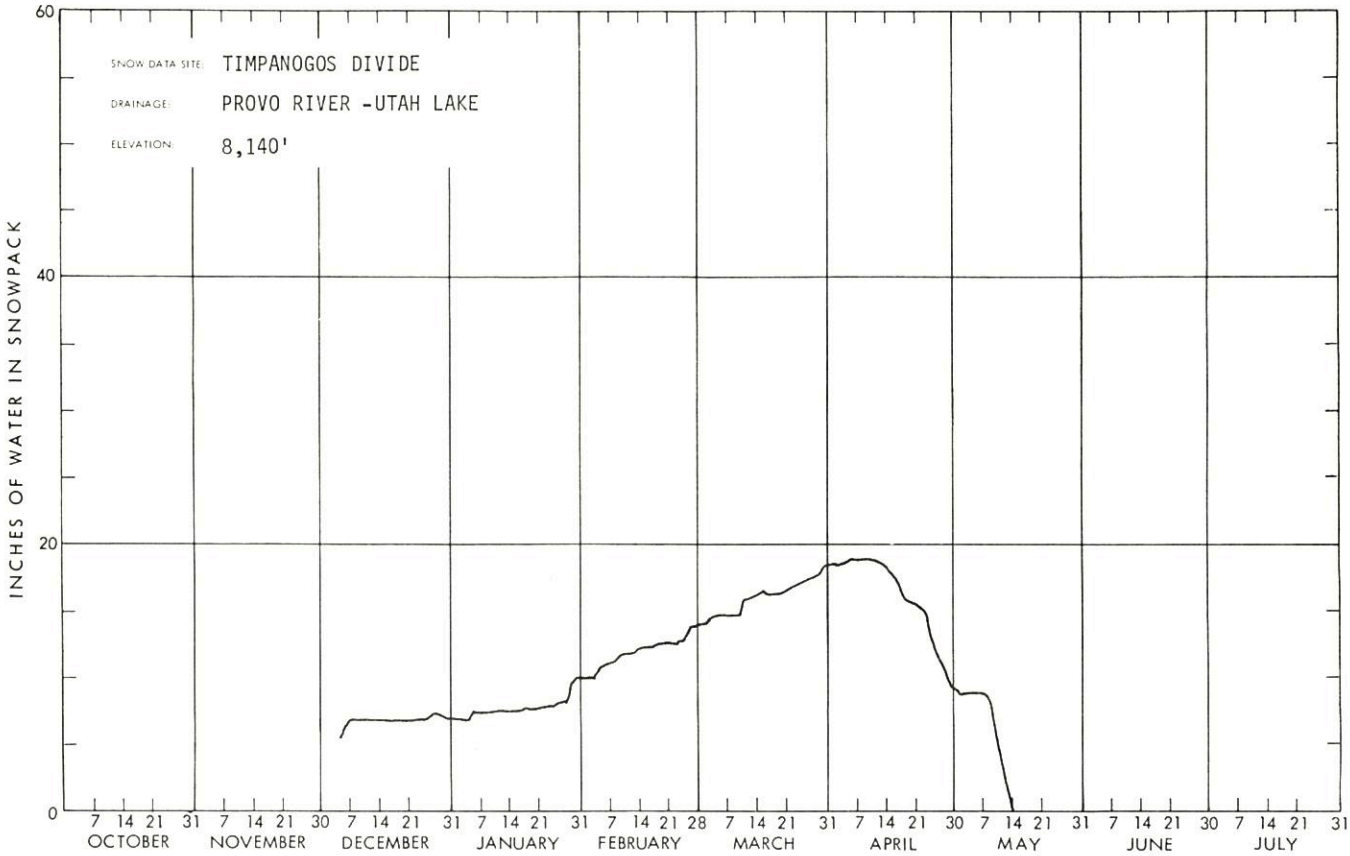

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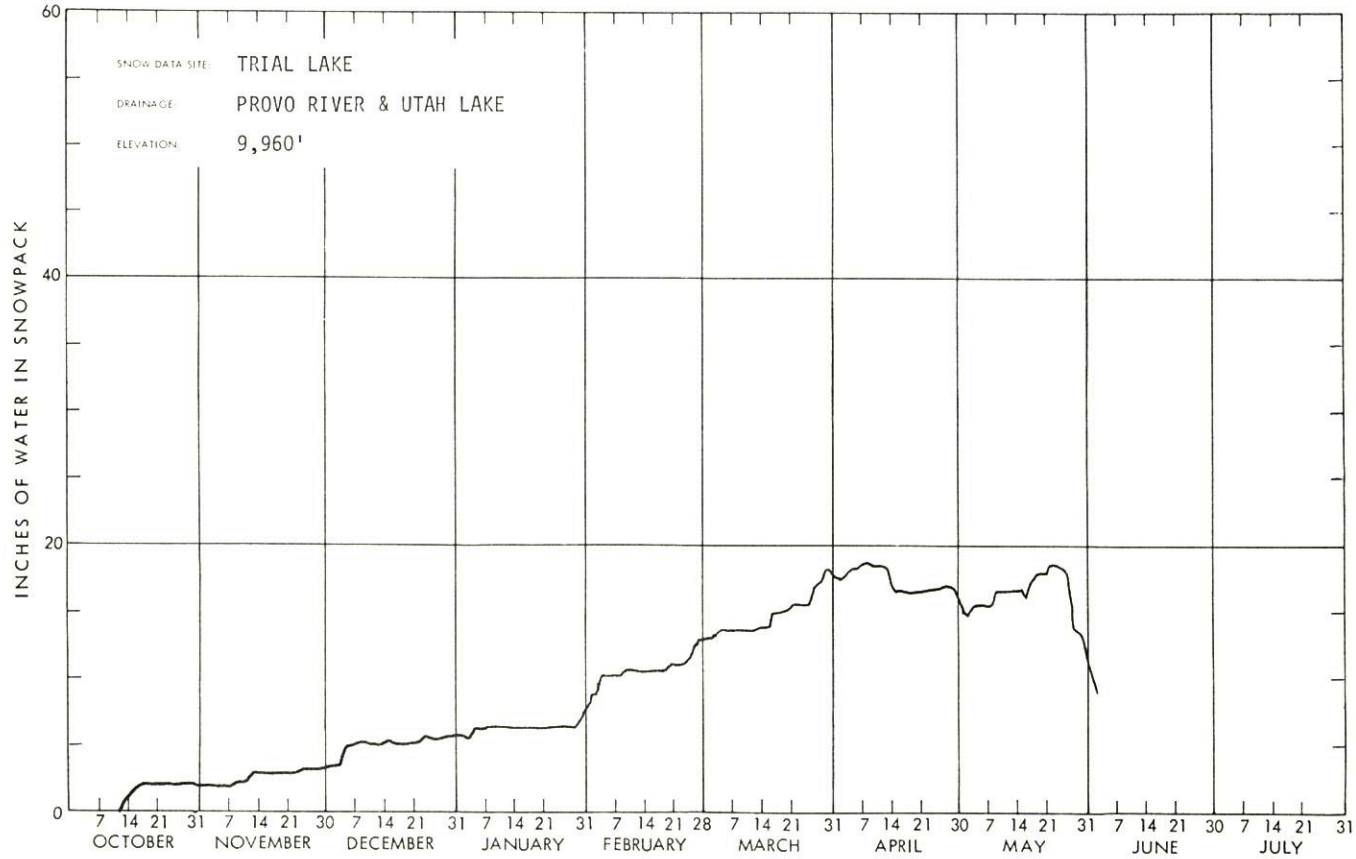

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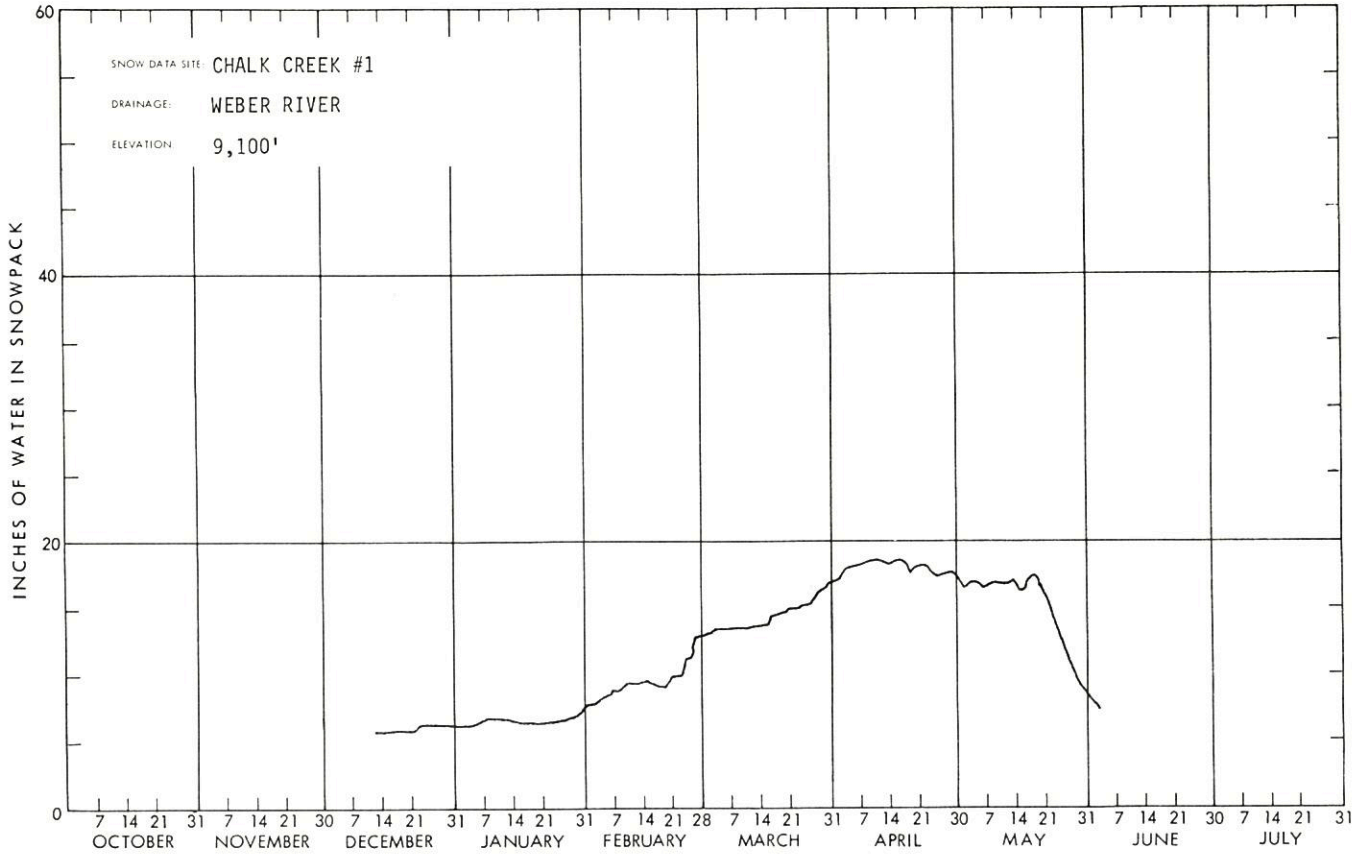

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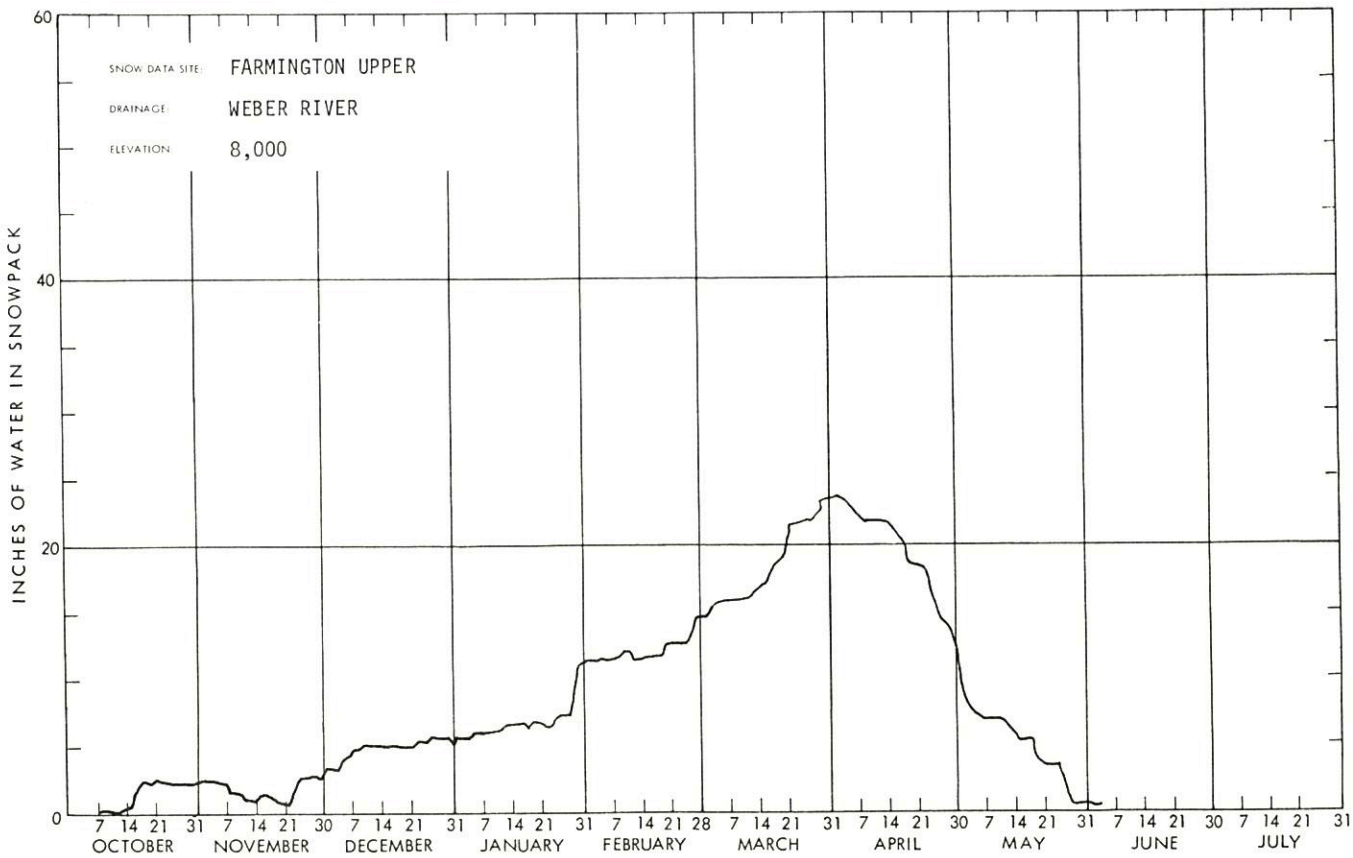

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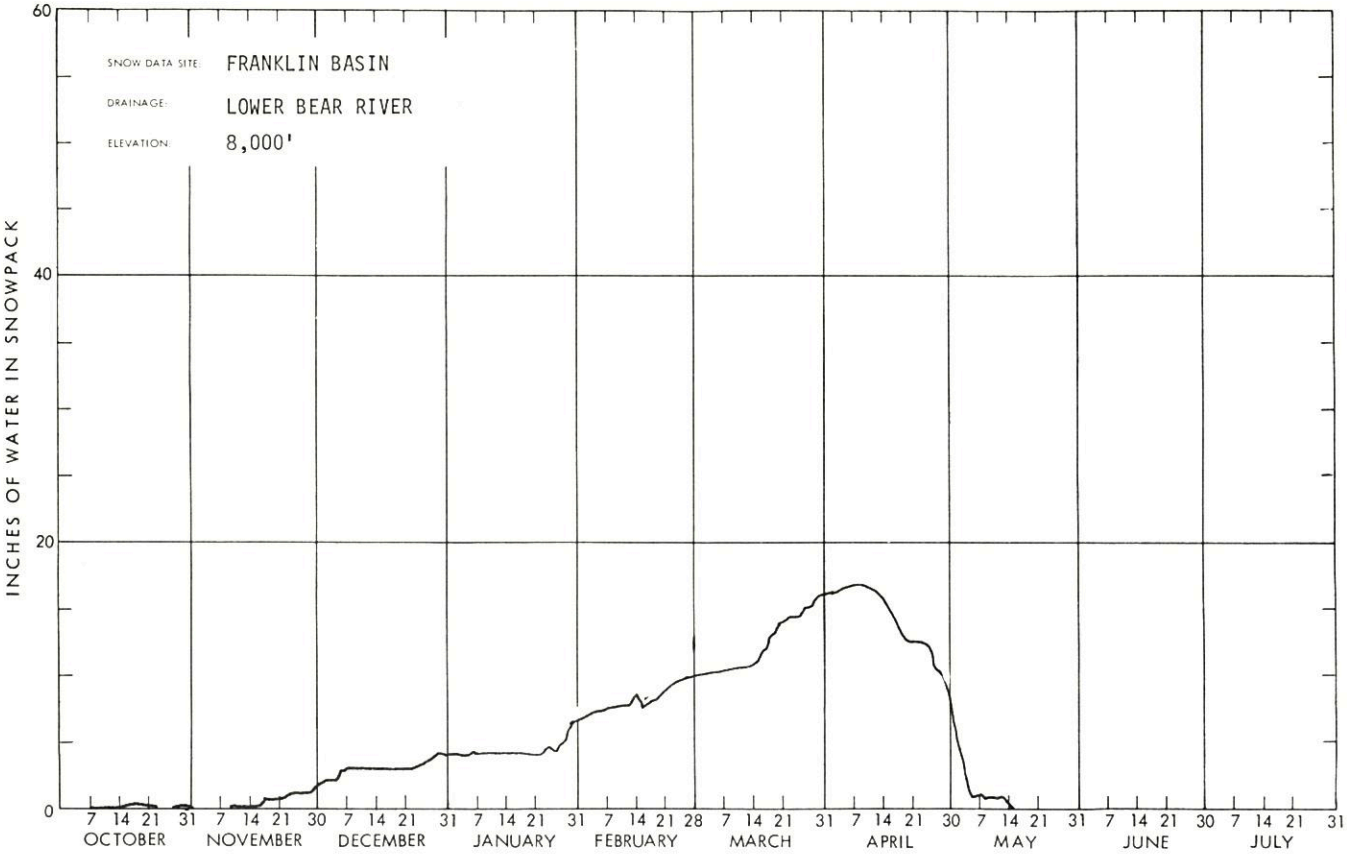

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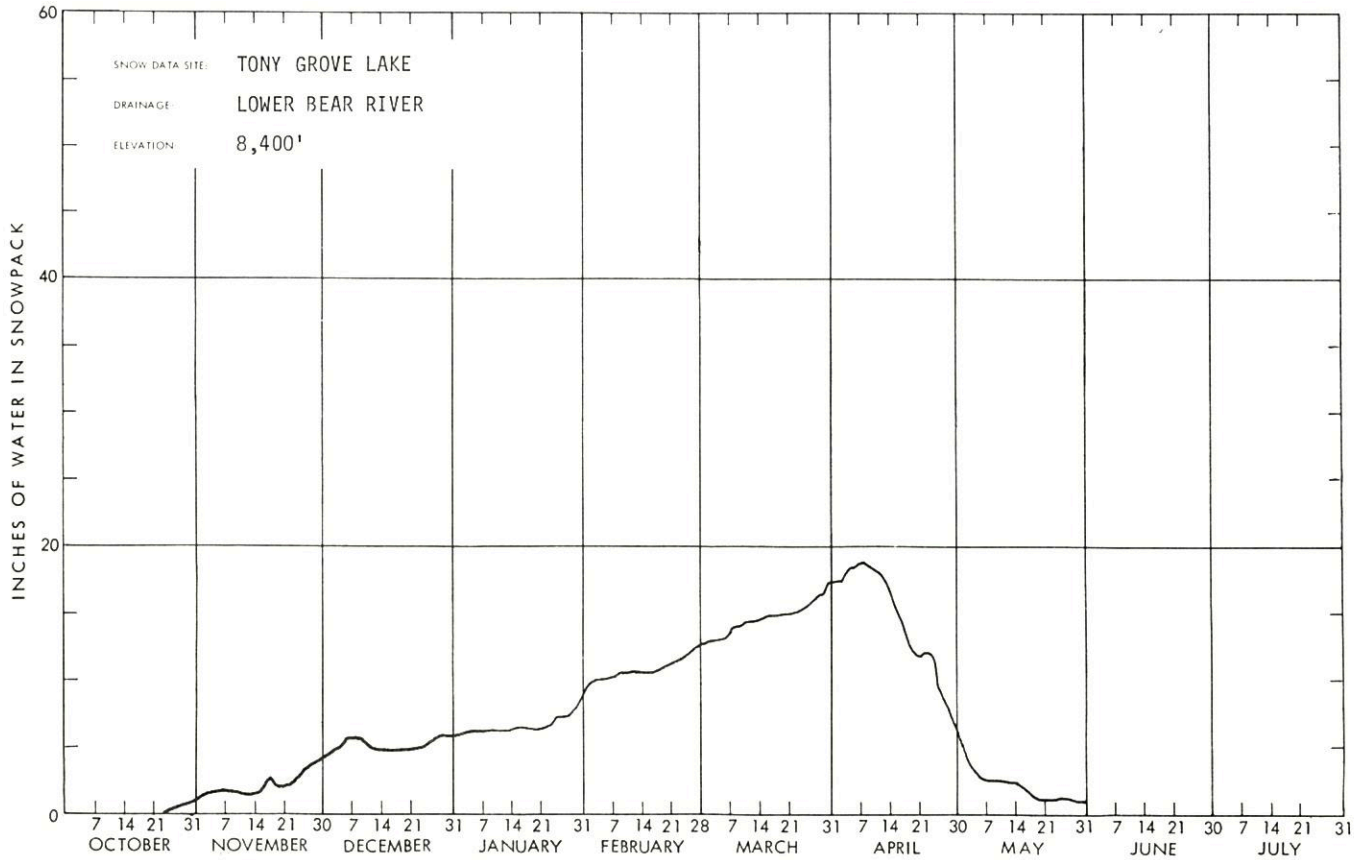

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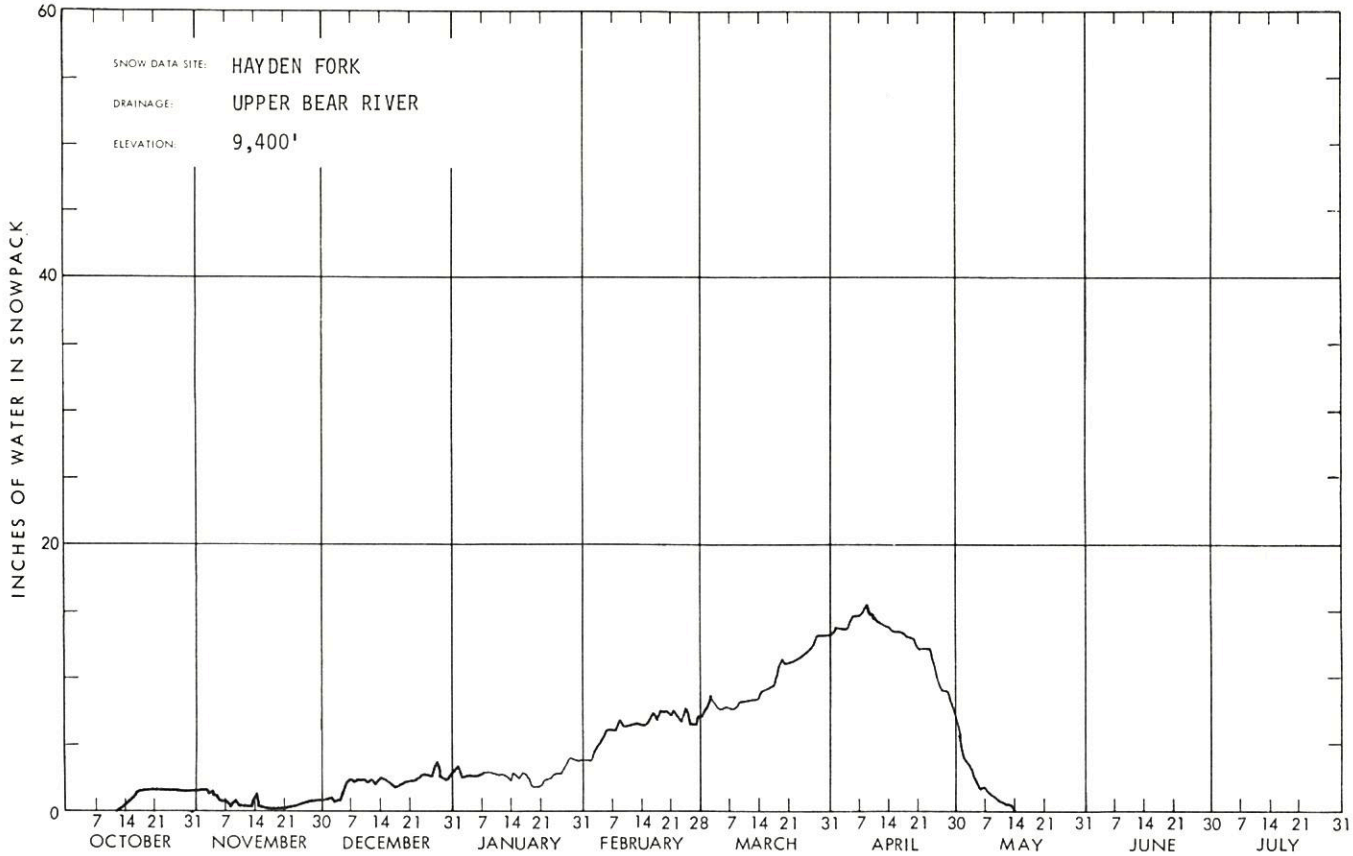

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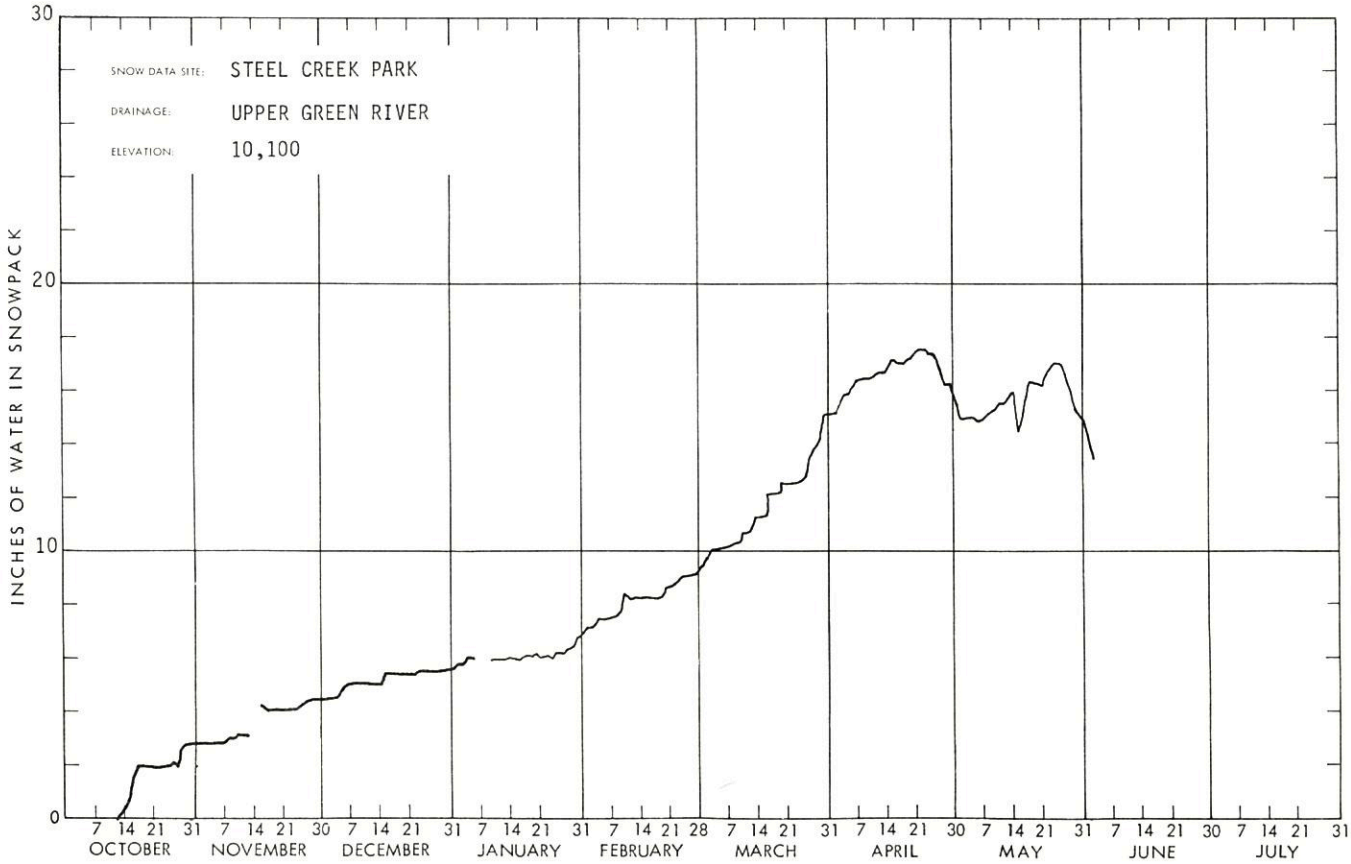

SNOW

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 +
SOUTHEASTERN UTAH DRAINAGES					
Buckboard Flat	5/28	0	0.0	2.5	
Camp Jackson	5/28	0	0.0	0.0	0.0[b]
LaSal Mountain (lower)	5/28	0	0.0		
LaSal Mountain (upper)	5/28	0	0.0	15.9	
Monticello City Park	5/28	0	0.0		
ESCALANTE RIVER					
Widtsoe-Escalante #3	5/28	0	0.0	4.8	
VIRGIN RIVER					
Kolob-Crystal	5/28	0	0.0	17.1	8.2[b]
Long Valley Junction	5/28	0	0.0	0.0	
Webster Flat	5/28	0	0.0	13.3	2.0

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

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	5/28	1.32	1.94	18.68	22.83	82
Camp Jackson	5/28	1.68	1.56	14.96	20.76	72
LaSal Mountain (lower)						
LaSal Mountain (upper)	5/28	2.79	2.21	21.57	19.38	111
Monticello City Park						
ESCALANTE RIVER						
Widtsoe-Escalante #3	5/28	2.70	1.81	18.01	17.02	106
VIRGIN RIVER						
Kolob-Crystal	6/1	3.90[a]				
Long Valley Junction						
Webster Flat	5/28	3.78	1.90[b]	25.68	24.98[b]	103

+ 1958-1972 period.

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SNOW	THIS YEAR			PAST RECORD		PRECIPITATION (Inches)					
DRAINAGE BASIN and/or SNOW COURSE NAME	Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Water Content (inches) Last Year	Water Content (inches) Average +	CURRENT INFORMATION Date of Reading	CURRENT INFORMATION Month's Precipitation	CURRENT INFORMATION Average +	FROM APPROX. OCT 1 TO DATE This Year	FROM APPROX. OCT 1 TO DATE Average +	FROM APPROX. OCT 1 TO DATE Percent of Average
COLORADO RIVER DRAINAGE											
UPPER GREEN RIVER - UTAH											
Ashley-Twin Lakes (A)	5/28	6	3.0	25.5							
Black's Fork G.S.-East Fork	5/29	0	0.0	0.0	1.6[b]	5/29	4.57		19.36		
Black's Fork Junction	5/29	0	0.0	0.0	0.7[b]	5/29	5.01		18.44		
Buck Pasture (A)	5/28	18	6.7	3.0							
Burnt Creek	5/29	0	0.0		0.4[b]	5/29	2.85		13.85		
Grizzly Ridge	5/29	0	0.0			5/29	3.25	2.90[b]	17.05	19.50	87
Hewinta G.S.	5/29	0	0.0		2.4[b]	5/29	4.85		19.38		
Hickerson Park	5/30	0	0.0			5/30	3.85	2.57[b]	15.18	15.54	98
King's Cabin (upper)	5/30	0	0.0	0.0	1.5[b]	5/30	2.76	3.01	13.36	17.59	76
Reynolds Park (A)	5/28	0	0.0	18.0							
Spirit Lake	5/30	0	0.0	16.0	7.1[b]	5/30	4.56	3.68[b]	21.96	22.38[b]	98
Steel Creek Park	5/29	39	14.6	16.5[a]		6/1	6.31[a]		22.61[a]		
Trout Creek	5/30	0	0.0	0.0		5/30	3.07		13.62		
Henrys Fork (A)	5/28	0	0.0	3.0	3.6[b]						
DUCHESNE RIVER											
Atwood Lake (A)	5/28	10	4.4	7.5	0.0[b]						
Brown Duck Ridge	5/29	30	12.4	30.4	11.5[b]	5/29	2.87		18.57		
Chepeta	5/30	0	0.0	19.4		6/1	3.25				
Currant Creek	5/30	0	0.0	0.0	0.0[b]	5/30	2.92	1.58[b]	13.87	17.78	78
Daniels-Strawberry Summit	5/30	0	0.0	0.0	0.2[b]	5/30	3.80	1.90[b]	18.42	22.99	80
East Portal	5/30	0	0.0		0.0[b]	5/30	3.40		15.13		
Five Points Lake (A)	5/28	27	13.4	14.0							
Indian Canyon	5/30	0	0.0	0.8		5/30	3.28	1.71[b]	20.12	17.37[b]	116
Jackson Park	5/29	14	4.6	19.7		5/29	4.55		18.81		
Lakefork Basin (A)	5/28	27	12.1	24.0							
Lakefork Mountain #1	5/29	0	0.0	7.3	3.6[b]	5/29	3.31[a]	2.60	17.98[a]	18.30	98
Lakefork Mountain #3				0.0	0.0[b]						
Lightning Lake (A)	5/28	45	19.3	18.0							
Mosby Mountain	5/30	0	0.0	8.6	2.8[b]	5/30	3.78	2.62[b]	17.71	17.80	99
Paradise Park	5/30	0	0.0	18.9	6.7[b]	5/30	3.79	2.50	20.34	20.56	99
Rock Creek Ranch	5/29	0	0.0	0.0	1.3[b]	5/29	2.78	1.83	14.16	15.35	92
Strawberry Divide	5/30	0	0.0		0.0[b]						
PRICE RIVER											
Dry Valley Divide Alternate	5/30	0	0.0	0.0							
Mud Creek	5/29	0	0.0	0.0	0.0[b]	5/29	3.32	1.95	14.62	19.16	
White River #1	5/30	0	0.0	0.0	0.4[b]	5/30	3.90	1.71[b]	16.20	17.77	
White River #3	5/30	0	0.0	0.0							
SAN RAFAEL RIVER											
Buck Flat	5/29	0	0.0	17.9	3.1[b]	5/29	4.15	2.52	19.08	22.97	83
Huntington-Horseshoe	5/29	11	4.3	28.9							
Orange Olsen	5/29	0	0.0	0.0		5/29	1.84	0.97[b]	8.09	9.50	85
Red Pine Ridge	5/29	0	0.0	6.9	1.6[b]	5/29	3.80	2.22	21.41	25.61	84
Seeley Creek R.S.	5/29	0	0.0	17.5	8.1[b]	5/29	3.81		13.47		
Stuart R.S.	5/29	0	0.0	0.0	0.0[b]	5/29	3.04	1.65	11.90	15.42	77
Upper Joe's Valley	5/29	0	0.0	0.0							
Wrigley Creek	5/29	0	0.0	0.0							
MUDDY RIVER											
Black's Fork	5/29	0	0.0	7.1							
Dill's Camp	5/29	0	0.0	6.3		5/29	3.61		16.84		
FREMONT RIVER											
Black's Flat-U.M. Creek	5/29	0	0.0	0.0	0.4	5/29	1.92	1.81	13.59	16.28	83
Fish Lake	5/29	0	0.0	0.0	0.0[b]	5/29	1.80	1.39	11.27	12.39	91
Johnson Valley	5/29	0	0.0	0.0	0.0[b]						

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+ 1958-1972 period.

SNOW	THIS YEAR			PAST RECORD		PRECIPITATION (Inches)					
						CURRENT INFORMATION			FROM APPROX. OCT 1 TO DATE		
DRAINAGE BASIN and/or SNOW COURSE NAME	Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Water Content (inches) Last Year	Water Content (inches) Average †	Date of Reading	Month's Precipitation	Average †	This Year	Average †	Percent of Average
JORDAN RIVER & GREAT SALT LAKE											
Bevan's Cabin	5/28	0	0.0								
Lamb's Canyon #2	5/29	0	0.0	0.0		5/29	5.76		21.57		
Middle Canyon	5/28	0	0.0	0.0		5/28	4.40	2.86[b]	25.30	23.06	110
Mill Creek	5/29	0	0.0	1.3							
Mill D South Fork	5/28	0	0.0								
Mt. Dell Dam											
Rock Basin-Settlement	5/30	14	5.1	18.8		5/30	7.26		27.85		
Silver Lake (Brighton)	5/28	0	0.0	18.9	11.9[b]						
Snow Bird (Gad Valley)											
Vernon Creek	5/30	0	0.0			5/30	4.05	2.05[b]	18.15	19.90	91
UPPER SEVIER RIVER (South of Richfield, Utah)											
Box Creek	5/29	0	0.0	8.2	1.0[b]	5/29	1.48	1.88	16.79	18.29	92
Bryce Canyon	5/29	0	0.0								
Castle Valley	5/28	0	0.0	0.0	0.0[b]	5/28	3.13	1.62	19.34	18.75	103
Duck Creek R.S	5/28	0	0.0	6.9	0.0[b]	5/28	3.20	1.91	19.07	21.55	88
Farview											
Harris Flat	5/28	0	0.0	0.0		5/28	3.44[a]		13.49[a]		
Kimberly Mine	5/28	0	0.0	16.9	2.2[b]	5/28	4.73	2.15[b]	23.33	24.76	94
Midway Valley	5/28	0	0.0	25.3	7.8[b]	5/28	4.19[a]				
Panguitch Lake	5/28	0	0.0	0.0	0.0[b]	5/28	2.26	1.04	12.08	10.43	116
Rainbow Point											
Squaw Springs	5/29	0	0.0	0.0							
LOWER SEVIER RIVER (Including San Pitch River)											
Beaver Dams	5/29	0	0.0	0.0	0.0[b]	5/29	3.81	2.10[b]	18.51	18.44	100
Farnsworth Lake	5/29	17	6.9	18.6		5/29	4.15		24.94		
G.B.R.C. Headquarters	5/29	0	0.0	10.2	3.2[b]	5/29	4.88	2.38	23.60	24.93	95
G.B.R.C. Majors						6/2	3.80	1.51[b]	10.50	12.17	86
G.B.R.C. Meadows	5/29	17	5.7	29.1	13.3[b]	5/29	5.48	2.60	27.83	29.80	93
G.B.R.C. Oaks						6/2	4.25	1.78	11.68	16.66	70
Gooseberry R.S.	5/29	0	0.0	0.0		5/29	3.17	1.83[b]	18.99	17.85[b]	106
Mammoth-Cottonwood Creek	5/29	0	0.0	16.1	4.4[b]	5/29	3.88		15.62		
Mt. Baldy R.S.	5/29	14	5.8	30.2[b]	12.5[b]	5/29	4.46	2.67[b]	23.81[b]	23.51[b]	101
Oak Creek	5/28	0	0.0			5/28	4.32	1.83[b]	18.34	21.62	85
Pickle Keg Springs	5/29	0	0.0	7.1		5/29	5.19[a]		25.39[a]		
Pine Creek	5/27	0	0.0	6.8	1.3[b]	5/27	5.00	3.00	24.78	30.70	81
Ree's Flat	5/27	0	0.0	0.0		5/27	3.81		17.96		
Shingle Mill	5/28	0	0.0	0.0		5/28	4.10	2.14[b]	20.36	21.69	94
Gooseberry Reservoir	5/29					5/29	4.95	2.33	22.45	24.04	93
BEAVER RIVER											
Beaver Canyon Power House											
Beaver Race Track											
Big Flat	5/28	23	9.5	35.5	11.7	5/28	3.77	2.71	21.35	21.71	98
Merchant's Valley (upper)	5/28	0	0.0	7.0	0.0[b]	5/28	3.48	1.88	20.41	19.09	107
Otter Lake	5/28	1	0.2	20.8	5.3[b]						
PAROWAN CREEK											
Birch Crossing	6/2	0	0.0	0.0							
Brian Head	5/28	5	1.5	22.8	8.1[b]						
Tall Poles	6/2	0	0.0	0.0	2.0[b]	6/2	4.40	1.42[b]	20.50	19.79[b]	104
Yankee Reservoir	5/28	0	0.0	0.0	0.0[b]	5/28	3.37	1.43	14.56	16.57	88
ENTERPRISE TO NEW HARMONY DRAINAGES											
Little Grassy Creek	5/28	0	0.0	0.0	0.0[b]	5/28	0.55	0.88[b]	9.24[a]	15.61[b]	59
Long Flat	5/28	0	0.0	0.0	0.0[b]	5/28	1.89	1.23[b]	13.60[a]	14.24[b]	96
COAL CREEK											
Cedar City Golf Course	6/2	0	0.0	0.0							
SUSC Ranch	6/2	0	0.0	0.0							

† 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
GREAT BASIN											
UPPER BEAR RIVER (Above Harer, Idaho)											
Burts-Miller Ranch	5/28	0	0.0	0.0	0.0[b]	5/28	2.91	2.32[b]	16.99	13.99[b]	121
CCC Camp											
Hayden Fork	5/29	0	0.0	0.0	5.1[b]	5/29	4.42	3.02[b]	24.17	27.16	89
Monte Cristo R.S.	5/27	4	1.8	13.2	10.1	5/27	7.82	2.83	26.61	34.00	78
Salt River Summit	5/29	0	0.0			5/29	4.60	1.47	13.91	21.23	65
Stillwater Camp	5/29	0	0.0	0.0	0.3[b]	5/29	3.24[a]	2.22	17.45[a]	17.32	101
Lily Lake	5/29	0	0.0	0.0		6/1	5.06[a]		22.91[a]		
LOWER BEAR RIVER (Below Harer, Idaho)											
Bug Lake	5/27	0	0.0	0.0		6/1	4.25[a]		18.77[a]		
Cub River R.S.	5/27	0	0.0	0.0							
Emigrant Summit	5/29	0	0.0								
Franklin Basin	5/27	0	0.0	5.2	3.6[b]	6/1	8.12[a]		28.97[a]		
Garden City Summit	5/27	0	0.0	0.0	3.5	5/27	5.07	2.14[b]		24.47	
Klondike Narrows	5/27	0	0.0	0.0	1.4[b]	5/27	6.91	2.75[b]	21.05	29.20[b]	72
Little Bear (lower)	5/27	0	0.0	0.0	0.0[b]						
Little Bear (upper)	5/27	0	0.0	0.0	0.0[b]	6/1	5.43[a]		21.45[a]		
Slug Creek Divide	5/29	0	0.0								
Steep Hollow #1	5/27	32	14.2	23.0	25.6						
Steep Hollow #2	5/27	0	0.0	0.0	8.0[b]						
Tony Grove Lake	5/27	3	1.1	15.8	23.6[b]	6/1	8.62		29.61		
Tony Grove R.S.	5/27	0	0.0	0.0	0.0[b]	5/27	5.26	1.56[b]	17.07	29.97[b]	57
Willow Flat	5/27	0	0.0	0.0		5/27	7.15	2.85[b]	23.42	30.36	77
OGDEN RIVER											
Beaver Creek-Skunk Creek	5/27	0	0.0	0.0	0.0[b]						
Ben Lomond Peak	5/27	0	0.0	20.2							
Ben Lomond Trail	5/27	0	0.0	0.0		5/27	8.30	3.05[b]	25.49	37.17[b]	69
Causey Dam	5/27	0	0.0			5/27	3.70	1.86[b]	12.13	18.50	66
Dry Bread Pond	5/27	0	0.0	2.2	2.6[b]	6/1	5.06[a]	2.62[b]	18.77[a]	27.90	67
Sagebrush Flat	5/27	0	0.0	0.0		5/27	2.58	1.75[b]	10.62	18.58	57
WEBER RIVER											
East Shingle Lake (A)	5/28	39	17.6								
Beaver Creek R.S.	5/29	0	0.0	0.0							
Chalk Creek #1	5/28	25	10.6	17.1[a]	15.3[b]	6/1	6.00[a]		30.30[a]		
Chalk Creek #2	5/28	0	0.0	0.0	1.7[b]	6/1	6.62[a]	2.25	24.25[a]	19.64	123
Chalk Creek #3	5/28	0	0.0	0.0	0.0[b]	5/28	4.40	2.17[b]	20.81	17.76[b]	117
Farmington Canyon (lower)	5/30	0	0.0	0.0		5/30	10.04	4.32	33.54	38.24	88
Farmington Canyon (upper)	5/30	0	0.0	18.1	12.4[b]	5/30	8.94	3.85[b]	34.73	34.72[b]	100
Farmington G.S.	5/30	0	0.0	0.0		5/30	9.15		33.49		
Horse Ridge	5/28	0	0.0	0.0	2.4[b]	5/28	6.10	2.62[b]	21.90	31.00	71
Kilfoil Creek	5/28	0	0.0	0.0							
Lost Creek Reservoir	5/28	0	0.0	0.0		5/28	2.95		16.23		
Park City Summit											
Parley's Canyon Summit	6/1	0	0.0	0.0	0.9[b]	6/1	5.66	2.80	24.64	30.38	81
Redden Mine (lower)	5/28	0	0.0	0.0		5/28	5.23		24.26		
Smith & Morehouse	5/28	0	0.0	0.0	0.5[b]	5/28	4.60	2.46	24.64	24.47	101
Sargeant Lake (A)	5/28	0	0.0	0.0							
PROVO RIVER & UTAH LAKE											
Beaver Creek Divide	5/29	0	0.0			6/1	3.50				
Camp Altamont	5/27	0	0.0	0.0							
Clear Creek Ridge #1	5/29	0	0.0	9.7		5/29	4.00[a]		21.40[a]		
Clear Creek Ridge #2	5/29	0	0.0	0.0	0.3[b]	5/29	4.25	2.01	18.16	21.38	85
Clear Creek Ridge #3	5/29	0	0.0	0.0	0.0[b]						
Dutchman R.S.	5/27	0	0.0	0.2	0.4[b]	5/27	6.70	2.64[b]		27.63	
Hobble Creek Summit	5/30	0	0.0	0.0	0.0[b]	5/30	3.37	2.15	18.72	22.54	83
Payson R.S.	5/27	0	0.0	0.0	1.0[b]	5/27	4.68	1.98	19.78	23.51	84
Soapstone R.S.	5/29	0	0.0	0.0	0.3[b]	5/29	3.74	2.05	19.74	21.84	
South Fork R.S.	5/27	0	0.0								
Timpanogos Cave Camp	5/27	0	0.0								
Timpanogos Divide	5/27	0	0.0	16.4	3.7[b]	5/27	7.05	2.78	30.32	32.17	94
Trial Lake	5/29	32	14.4	30.2	18.2	5/29	6.04	2.72	26.19	31.45	83

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† 1958-1972 period.

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WATER SUPPLY OUTLOOK

EAST GARFIELD, KANE, WASHINGTON and IRON COUNTIES in UTAH

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

JUNE 1, 1981

THE WATER SUPPLY OUTLOOK IS BELOW AVERAGE

SNOW COVER remained only on the highest protected areas above 10,000 feet. Brian Head snow course had the only snow and it had only 5 inches depth with 1.5 inches of water content.

PRECIPITATION at mountain stations ranged from 62% of the May average at Little Grassy south of Enterprise to 310% at Tall Poles in Parawon Canyon. The October-May total now ranges from 59% of average at Little Grassy to 104% at Tall Poles.

SOIL MOISTURE improved during May with heavy precipitation over most of the areas. Range and dry land crops received much needed moisture.

RESERVOIR STORAGE is reported as good. One Enterprise Reservoir is reported full and the other about half full at this time.

STREAMFLOW FORECASTS were improved by May rain estimated at 10 to 15%. More rain will be needed during the summer season to offset reduced snow melt streamflow.

USDA-SCS-PORTLAND, OR 1980 M7-OL-22027-7

RESERVOIR STORAGE is generally less than for the last two years on June 1st but is still very good. Otter Creek is now 74% of useable capacity, Piute is 82% of capacity, Sevier Bridge is 85% of capacity, Gunnison is 89% of capacity, Panguitch Lake is 97% of capacity and Minersville is 93% of useable capacity.

STREAMFLOW FORECASTS were improved by May precipitation but only an estimated 10 to 15% on the total May-July period. Water users with reservoir storage are still expected to have a near average water supply. Those water users on smaller streams with only direct flow rights are still expected to have reduced water supplies by mid season unless rains continue much above average during the season.

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WATER SUPPLY OUTLOOK

SEVIER RIVER BASIN including BEAVER RIVER in UTAH

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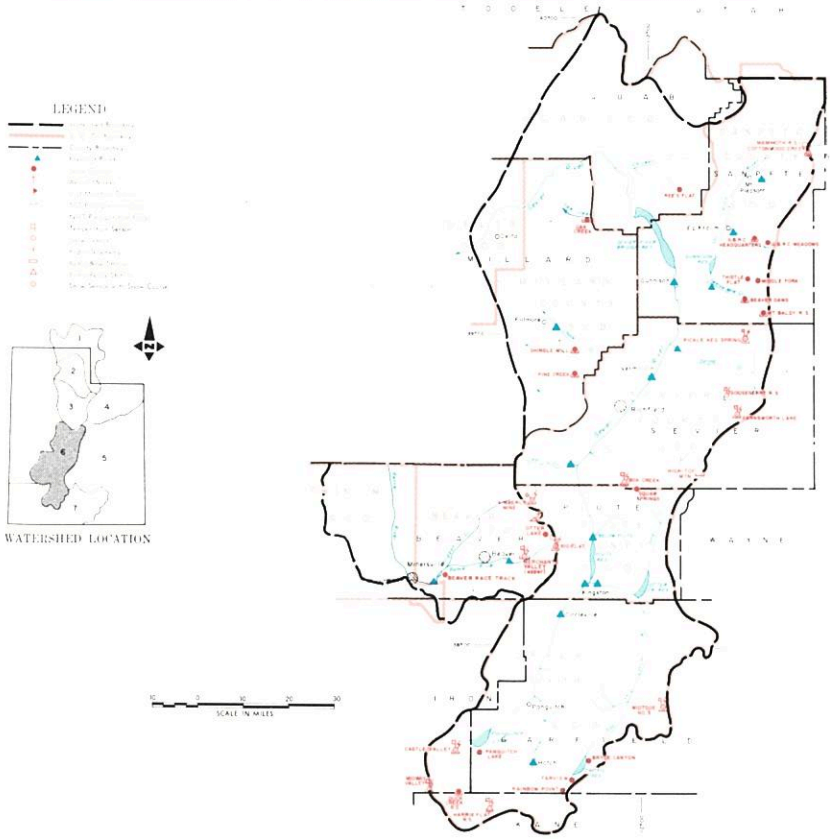

JUNE 1, 1981

THE WATER SUPPLY OUTLOOK IS AVERAGE TO WELL BELOW AVERAGE

SNOW COVER remains at only the highest most protected areas. Snow was gone from all Upper Sevier snow courses and remained at only 3 courses on the Lower Sevier. Farnsworth Lake had 17 inches depth with 6.9 inches of water content - 43% of the June 1st average. Mt. Baldy Ranger Station had 14 inches depth with 5.8 inches of water content (46%). GBRC Meadows had 17 inches of depth with 5.7 inches of water content (43%). Big Flat on the head of the Beaver had the best snow with 23 inches depth, 9.5 inches of water content - 82% of the June 1st average. Otter Lake had 1 inch depth and 0.2 inch water content.

PRECIPITATION at mountain stations ranged from 78% of the May average at Box Creek above Koosharem to 236% at Oak Creek above Oak City. The October-May total ranges from 70% of average at GBRC Oaks to 116% at Panguitch Lake.

SOIL MOISTURE improved greatly with heavy May precipitation over most of the areas. Range and dry cropland received much needed moisture.

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

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

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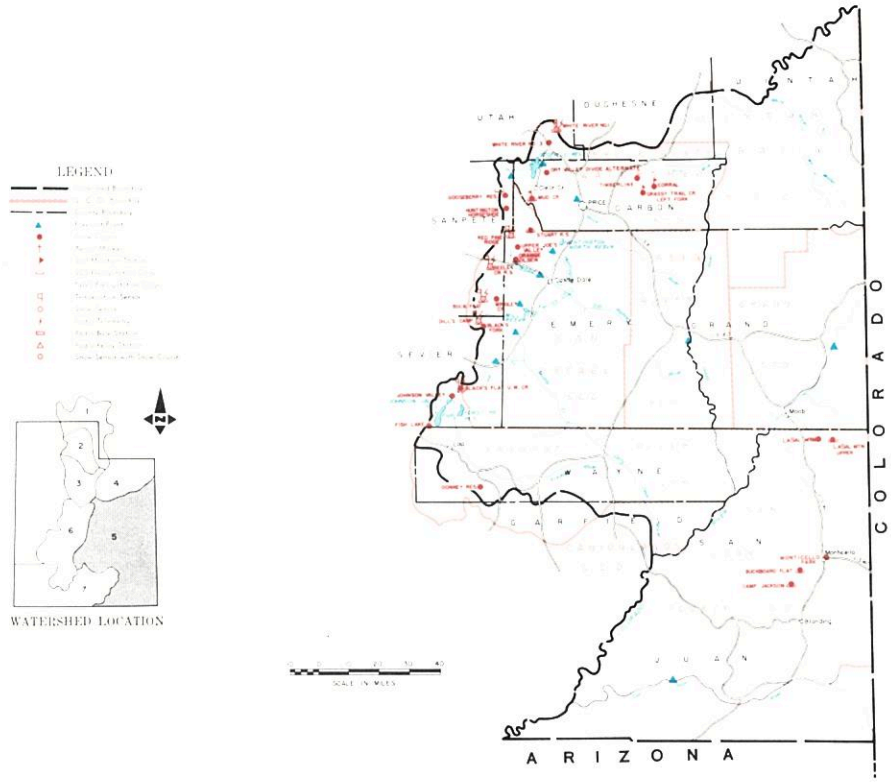

JUNE 1, 1981

THE WATER SUPPLY OUTLOOK IS BELOW AVERAGE

SNOW COVER remains at only the highest snow course. Huntington Horseshoe had 11 inches of depth, 4.3 inches water content. Last year it had 28.9 inches of water content on June 1st.

PRECIPITATION of mountain stations ranged from 165% of the May average at Buck Flat to 228% at White River #1. The October-May totals now range from 76% of average at Mud Creek to 91% at White River #1. May rains improved range and dry cropland moisture conditions.

RESERVOIR STORAGE was better this year than last June 1st at Joes Valley and Huntington North but slightly less at Mill Site and about 10,000 acre feet less at Scofield.

STREAMFLOW FORECASTS generally improved 12 to 18% with above average May precipitation but would still only be half to two-thirds average for the May-July period.

USDA-SCS-PORTLAND, OR 1981 M7-OL-22027-5

STREAMFLOW FORECASTS increased as much as 10% with above average May precipitation on all streams except Ashley Creek which dropped 2%. Ashley Creek May-July forecast is now 42,000 acre feet, 84% of average. May streamflow on Whiterocks River was 16,860 acre feet (102%).

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WATER SUPPLY OUTLOOK

UINTAH BASIN and DAGGETT SCD's in UTAH

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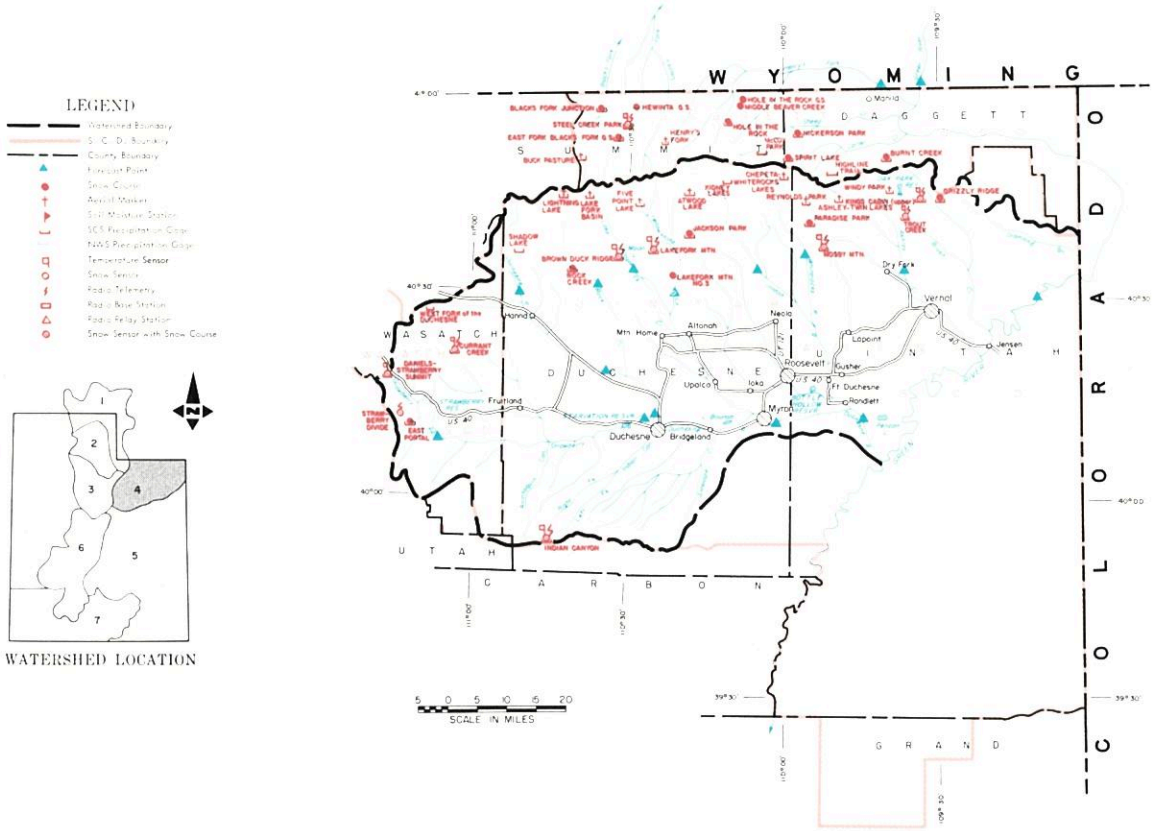

JUNE 1, 1981

THE WATER OUTLOOK IS BELOW AVERAGE

SNOW COVER remains only at high elevation stations above 10,000 feet. Brown Duck Ridge had 30 inches depth and 12.4 inches of water content for 108% of the June 1 average. High aerial markers still had good snow cover at Lightning Lake, 45 inches depth, 19.3 inches water content; Lakefork Basin 27 inches depth, 12.1 inches water content, Five Points Lake 27 inches depth, 13.4 inches water content; Atwood Lake 10 inches depth, 4.4 inches water content; and Ashley-Twin Lakes 6 inches depth with 3.0 inches water content. Jackson Park survey showed 14 inches depth with 4.6 inches of water content.

PRECIPITATION at mountain stations ranged from 92% at Kings Cabin to 200% at Daniels Summit for May. The October-May totals now range from 76% at Kings Cabin to 116% at Indian Canyon.

SOIL MOISTURE improved during May with above average precipitation. Range and dry cropland received much needed moisture.

RESERVOIR STORAGE is generally good although Moon Lake is still only 1/3 full. High lakes are just beginning to open around the outlets and are expected to fill as funoff progresses at high elevations.

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WATER SUPPLY OUTLOOK

UTAH LAKE, JORDAN RIVER and TOOELE VALLEY WATERSHEDS in UTAH

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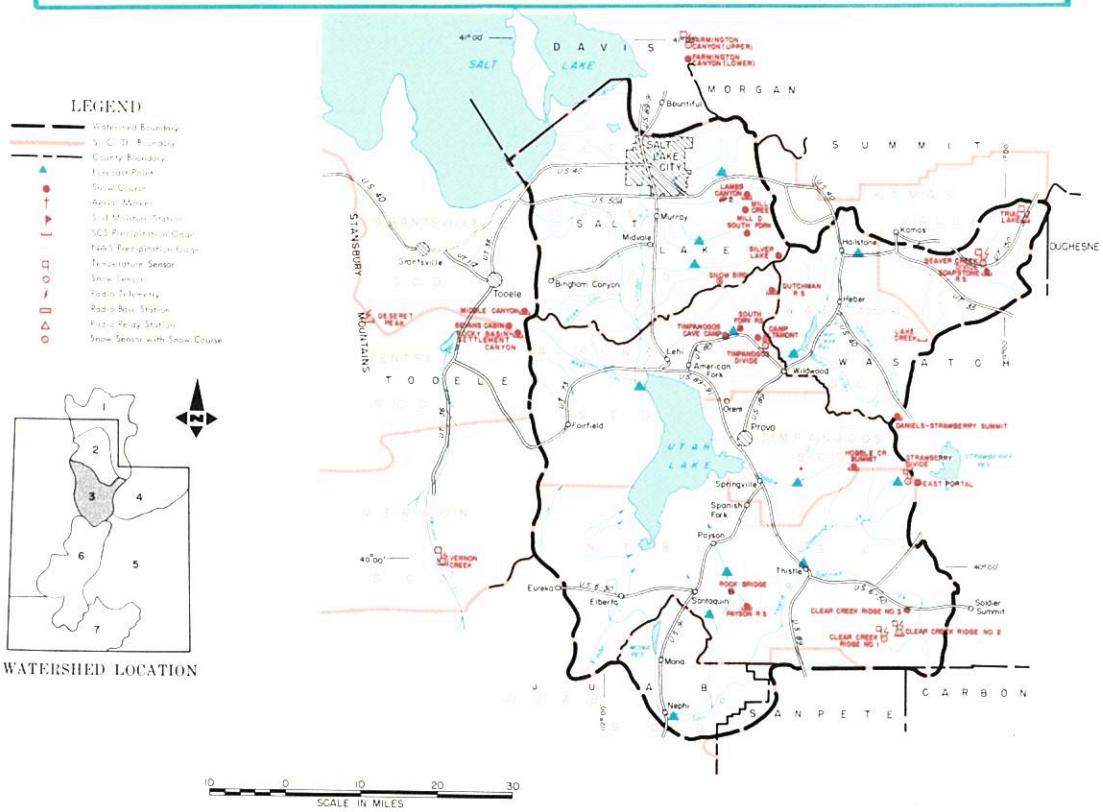

JUNE 1, 1981

THE WATER SUPPLY OUTLOOK IS WELL BELOW AVERAGE

SNOW COVER remained at the highest most protected areas of the watershed. Trial Lake had 32 inches depth with 14.4 inches of water content and Rocky Basin above Tooele had 14 inches depth and 5.1 inches of water content. These were the only snow courses with June 1 snow cover.

PRECIPITATION at mountain stations ranged from 154% at Middle Canyon for May to 254% at Timpanogos Divide and Dutchman Ranger Station. The October-May totals now range from 84% at Payson Ranger Station to 110% at Middle Canyon.

SOIL MOISTURE improved in May by heavy precipitation. Range and dry cropland was improved significantly.

RESERVOIR STORAGE is below last year on June 1st but still very good. About two weeks of reservoir storage was saved by heavy rains during May.

STREAMFLOW FORECASTS were improved 10 to 15% by May precipitation but will drop rapidly if the rain falls to less than average amounts.

USDA SCS-PORTLAND OR 1980 M7-OL-22027-3

STREAMFLOW FORECASTS increased as much as 15 to 20% with above average May rains and now range from about 20-70% of the May-June average. May flows ranged from 20% of average for Lost Creek, 33% for Pineview Inflow, 42% for East Canyon and 73% for Weber at Oakley.

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WATER SUPPLY OUTLOOK

WEBER-OGDEN WATERSHEDS in UTAH

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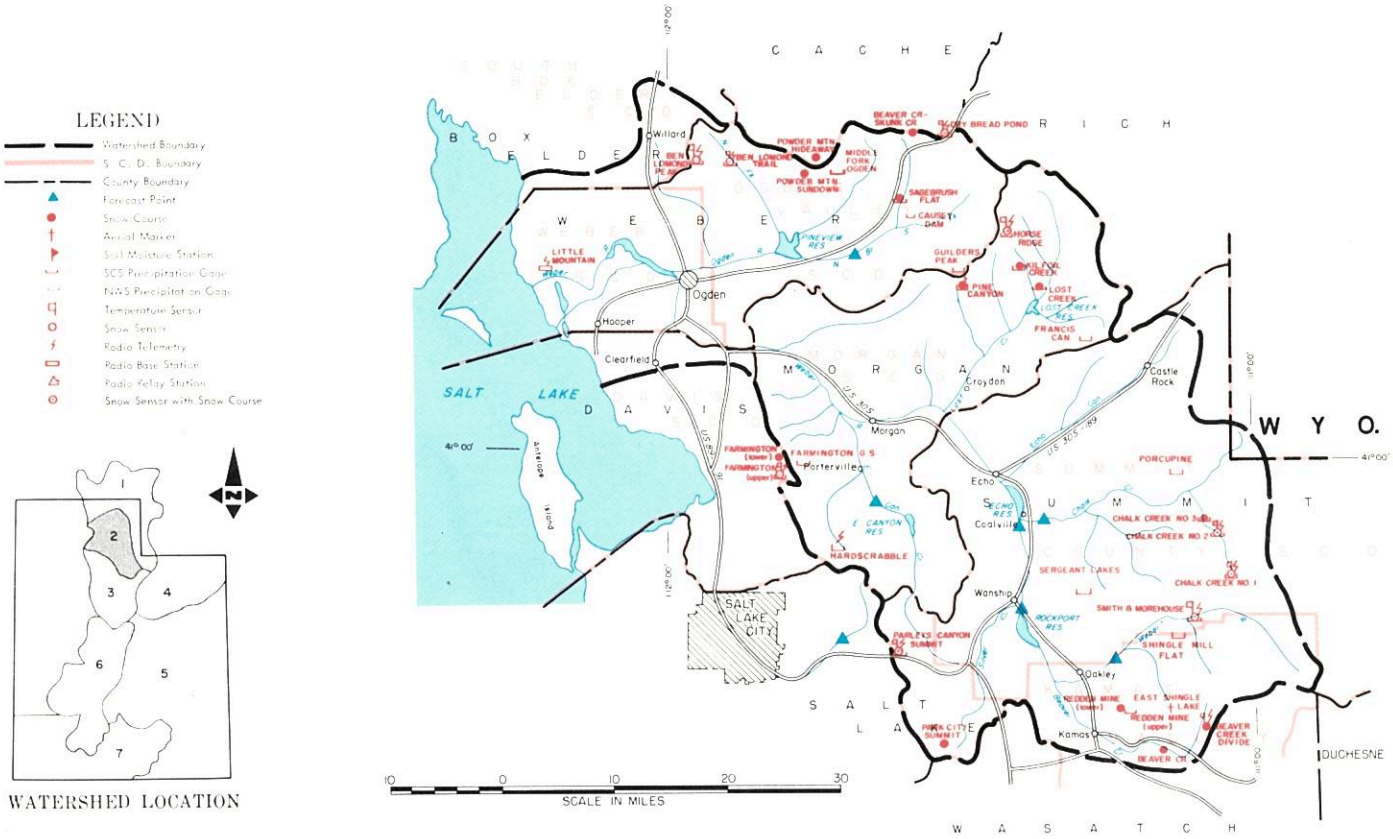

JUNE 1, 1981

THE WATER SUPPLY OUTLOOK IS BELOW AVERAGE

SNOW COVER remains only at the highest and more protected areas of the watershed. Chalk Creek #1 snow course was the only course on either watershed with measurable snow. It had 25 inches depth with 10.6 inches of water content on May 28th or 69% of average. Radio readings indicate this will be gone by about June 8th.

PRECIPITATION at mountain stations during May ranged from 147% of average at Sagebrush Flat on the South Fork of the Ogden to 276% at Monte Cristo Ranger Station.

SOIL MOISTURE improved greatly with above average May precipitation. Range and dry land crops received much needed moisture.

RESERVOIR STORAGE has held up well for June 1. May precipitation has reduced the need for heavy releases and delayed irrigation use. Pineview still lacks 22,400 acre feet of filling. Lost Creek lacks 1,200 acre feet and East Canyon lacks 1,900 acre feet. These reservoirs will not fill unless above average precipitation continues in June and delays heavy use. Rockport and Echo are full and spilling.

USDA-SCS-PORTLAND, OR 1980 M7-OL-22027-2

STREAMFLOW FORECASTS improved 3 to 20% with above average May precipitation and now range from about 15 to 20% of the May-July average to about 80% of average.

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WATER SUPPLY OUTLOOK
BEAR RIVER BASIN in UTAH

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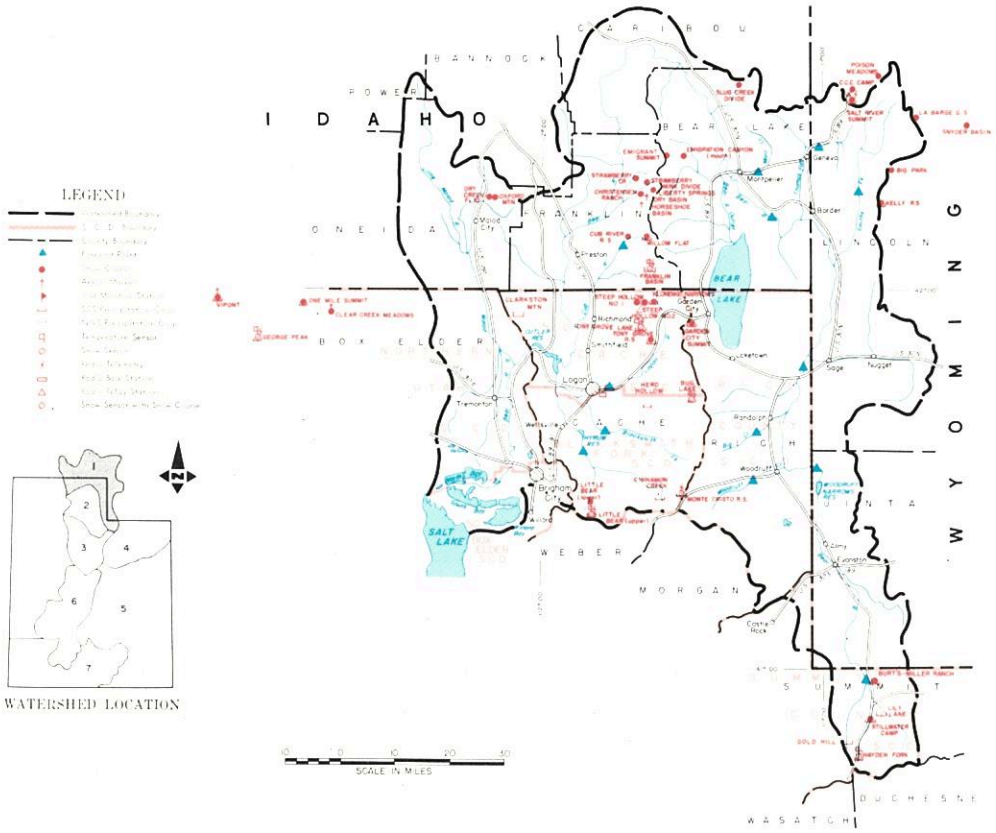

JUNE 1, 1981

THE WATER SUPPLY OUTLOOK IS BELOW AVERAGE

SNOW COVER remained at only 3 of the higher snow courses and only Steep Hollow #1 had more than 2 inches of water - it had 32 inches of depth and 14.2 inches of water compared to a June 1, 15 year average of 25.6 inches. June 1 snow cover averaged 12% on the Upper Bear and 23% on the Lower Bear.

PRECIPITATION at mountain stations ranged from 125% of the May average at Burt Miller ranch to 337% at Tony Grove Ranger Station. The October-May total now ranges from 57 to 121% of average.

SOIL MOISTURE improved greatly as above average precipitation during May wetted the top of the soil profile. Range and dry cropland were improved significantly by above average moisture.

RESERVOIR STORAGE is not as good as the last two years but above average. Bear Lake 1,075,000 acre feet, last year it had 1,312,000 and 2 years ago 1,134,200 acre feet. Woodruff Narrows has 42,200 acre feet or 15,700 acre feet more than the old capacity and 76% of the new capacity. Hyrum is full and Porcupine has 9,800 acre feet. Last year and 2 years ago it was full on June 1st.

USDA-SCS-PORTLAND OR 1980 M7-OL-22027-1

WSI B-X2-L

RESERVOIR STORAGE (Thousand Acre Feet) END OF MONTH

Basin or Stream	RESERVOIR	Usable Capacity	Usable Storage		
			This Year	Last Year	2 YRS AGO
GREAT BASIN					
Bear River	Bear Lake	1421.0	1075.0	1312.0	1134.2
	Woodruff Narrows	55.7	42.2		26.5
	Birch Creek	2.2			
	Woodruff Creek	4.0			
Beaver River	Minersville (RkyFd)	23.3	21.7	23.3	23.3
Little Bear	Hyrum	15.3	15.8	15.6	15.3
	Porcupine	11.3	9.8	11.4	11.3
	Causey	6.9	6.9	7.0	6.9
	Pineview	110.1	87.7	110.1	110.1
Provo	Deer Creek	149.7	152.9	136.7	142.7
Settlement Creek	Settlement Creek	1.2	0.8		
	Vernon Creek	0.6	0.6		
Sevier River	Gunnison	18.2	16.2	18.2	18.2
	Otter Creek	52.5	38.6	52.7	52.5
	Piute	71.8	58.9	66.8	71.8
	Sevier Bridge	236.0	201.4	219.2	
	Panguitch Lake	22.3	21.7		
Spanish Fork	Strawberry	270.0	229.5	236.6	
Utah Lake	Utah Lake	883.9	888.7	980.5	
Weber	East Canyon	48.1	46.2	48.1	48.1
	Echo	73.9	74.5	71.0	72.0
	Lost Creek	20.0	18.8	20.0	20.0
	Rockport	60.9	63.4	46.5	61.8
	Willard Bay	193.3	184.6	183.0	193.3
COLORADO RIVER BASIN					
Ashely Creek	Steinaker	33.3	31.3	30.0	
Colorado	Blue Mesa	829.5	379.3	495.9	450.0
	Lake Powell	25002.0	21586.0	23691.0	19600.0
Green	Flaming Gorge	3749.0	2972.1	2639.6	2566.0
Lakefork	Moon Lake	35.8	11.5		
Price River	Scofield	65.8	55.6	65.8	
San Juan	Navajo	1696.0	1280.0	1360.0	1400.0
San Rafael	Huntington North	3.9	4.1	3.8	
	Joe's Valley	54.6	49.9	48.1	
	Mill Site	16.7	13.1	16.7	
Strawberry	Starvation	165.3	152.9	138.5	
Uintah	Bottle Hollow	11.3	11.3		

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WATER SUPPLY OUTLOOK (continued)

STREAMFLOW FORECASTS

Streamflow during May on some of the index stations measured by the U. S. Geological Survey ranged from 68% of average on Big Cottonwood above Salt Lake City to 102% of average on Whiterocks River on the Uintahs. The Weber at Oakley was 73% of average and Beaver River 99% near Beaver.

Streamflow forecasts for the May-July period may be increased 10 to 15% by heavy precipitation during May but are still expected to recede much earlier than usual unless rain continues much heavier than average for June and July.

WATER SUPPLY OUTLOOK

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* * * * * * * * * * * * * * * * * * * * * * * * * * * * *
* Utah's 1981 Water Supply Outlook improved slightly      *
* during May but still ranges from "well below average"   *
* for some water users without reservoir storage to       *
* "average" for most water users with reservoir storage.  *
* Only 20 snow courses had measurable snow and melt on    *
* those with de-layed by a cool wet May.  Reservoir       *
* storage is still 87% of capacity.  Streamflow forecasts *
* raised as much as 10 to 15% for the May-July period from*
* May precipitation.                                      *
* * * * * * * * * * * * * * * * * * * * * * * * * * * * *
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SNOW COVER

Snow cover remains only at 20 of about 160 snow courses. Melt was delayed on these courses by cool stormy weather during May but will melt fast as temperature increases above the 10,000 foot level. Most snow should be gone by mid to late June except in the high passes of the Uintah Mountains which may last until mid July.

PRECIPITATION

Precipitation at mountain stations during May was generally 1-1/2 to 3 times average over the state. Some exceptions are the east end of the Uintahs, the LaSal and Blue Mountains which received near average and the extreme southwest corner of the state which received only about 2/3 average above Enterprise Reservoir.

RESERVOIR STORAGE

Storage in 30 of Utah's key irrigation reservoirs is still 87% of useable capacity after some use of water during May. Reservoirs in northern Utah were able to save about two weeks of reservoir water when heavy rains occurred making irrigation unnecessary.

Bear River storage is still 76% of useable capacity. Ogden River is 53% and Weber River Reservoirs 98% of capacity. Provo-Utah Lake Reservoirs including Strawberry are 98% and Tooele Valley reservoirs are 78% of capacity. Uintah Basin Reservoirs are 84% and Price-San Rafael Reservoirs 87% of capacity. The new Mill Creek Reservoir above Moab is reported at about 37% of capacity.

Sevier River reservoirs are 84% and Minersville on the Beaver is 93% of capacity.

WATER SUPPLY OUTLOOK FOR UTAH

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SOIL CONSERVATION SERVICE
SALT LAKE CITY, UTAH

In Cooperation with

UTAH STATE DEPT. OF NATURAL RESOURCES

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WATER SUPPLY OUTLOOK FOR UTAH

in Cooperation with Utah State
Department of Natural Resources

October 1, 1981

WATER SUPPLY OUTLOOK

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* * * * * * * * * * * * * * * * * * * * * * * *
*                                             *
*   Utah's 1981 water supply was generally    *
*   10 to 20% better than forecasts           *
*   indicated last May 1 but still only 20    *
*   to 90% of the 15 year average.  Above     *
*   average May and June precipitation        *
*   improved streamflow but some shortages    *
*   were reported in the late season.         *
*                                             *
* * * * * * * * * * * * * * * * * * * * * * * *
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Heavy May rains boosted snow melt runoff in most areas of the state providing better than expected May and June flows. Reservoir operators were able to reduce early draw down and natural flow users had good early season flows.

Fall precipitation in late September and the first half of October has been much heavier than average. Soil moisture is very good going into the winter and snow has already started to accumulate on the upper watersheds.

Reservoir storage in 25 of Utah's key irrigation reservoirs is 95% of the October 1 average and 61% of capacity. This carry-over storage is good considering heavy use during a hot July and August.

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

Station	Forecast Period	May 1 Forecast (1000 A. F.)	Measured Flow for the Period (1000 A. F.)
BEAR RIVER			
Bear nr. UT-WY stateline	May-July	78.0	92.1
Bear nr. Woodruff	May-July	73.0	95.1
Logan nr. Logan (combined)	May-July	38.0	57.5
Blacksmith Fk. nr. Hyrum	May-July	7.6	17.6
Little Bear nr. Paradise	May-June	3.6	6.0

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WATER SUPPLY OUTLOOK (continued)

WEBER-OGDEN RIVERS

Weber nr. Oakley	May-June	57.0	83.3
Rockport Reservoir Inflow	May-June	51.0	80.7
Chalk Creek nr. Coalville	May-June	12.5	22.2
Weber nr. Coalville	May-June	44.0	71.0
Lost Creek nr. Croydon	May-June	2.5	2.6
East Canyon Creek	May-June	2.8	7.7
Echo Reservoir Inflow	May-June	56.0	85.0
Weber River nr. Gateway	May-June	86.0	120.5
South Fk. Ogden nr Huntsville	May-June	7.6	14.1
Farmington nr. Farmington	May-July	3.2	4.0
Pineview Inflow	May-June	13.5	26.3

UINTAH BASIN & DAGGETT SDC's

Duchesne nr. Tabiona	May-July	52.0	63.3
Duchesne at Duchesne	May-July	95.0	69.7
Rock Creek nr. Mtn. Home	May-July	60.0	62.8
Currant Creek nr. Fruitland	May-July	5.6	7.6
Lakefork below Moon Lake	May-July	52.0	60.4
Yellowstone nr. Altonah	May-July	46.0	43.3
Duchesne at Myton	May-July	78.0	65.7
Whiterocks nr. Whiterocks	May-July	46.0	39.2
Uintah River nr. Neola	May-July	65.0	65.4
Duchesne nr. Randlett	May-July	75.0	85.3
Ashley Crk. nr. Vernal	May-July	43.0	30.8

SEVIER RIVER INCL. BEAVER RIVER

Beaver nr. Beaver	May-July	13.4	14.8
Oak Creek nr. Oak City	May-July	0.3	0.6
Chicken Creek nr. Levan	May-July	1.1	0.9

SAN RAFAEL, MUDDY, AND FREMONT RIVERS INCL. MILL CREEK NR. MOAB

Cottonwood Creek nr. Orangeville	May-July	14.0	26.7
Ferron nr, Ferron	May-July	13.9	17.3
Muddy Creek nr. Emery	May-July	6.8	7.6
Mill Creek nr. Moab	May-July	2.1	2.7
Seven Mile Creek nr. Fish Lake	May-July	3.6	2.9

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	881.8	1182.4	1091.1
	Woodruff Narrows	55.5	14.2	4.2	12.0
	Birch Creek	2.2	--	--	--
	Woodruff Creek	4.0	0.4	--	--
Beaver River	Minersville (RkyFd)	23.3	7.9	14.6	5.2
Little Bear	Hyrum	15.3	3.1	10.1	8.7
	Porcupine	11.3	0.7	1.6	2.2
	Causey	6.9	1.3	2.3	1.6b
	Pineview	110.1	48.0	71.2	57.7
Provo	Deer Creek	149.7	75.2	103.4	100.9
Settlement Creek	Settlement Creek	1.2	0.3	--	--
	Vernon Creek	0.6	0.1	--	--
Sevier River	Gunnison	18.2	3.8	--	3.6
	Otter Creek	52.5	29.4	39.9	18.7
	Piute	71.8	16.0	51.6	13.4
	Sevier Bridge	236.0	115.0	144.1	66.3
	Panguitch Lake	22.3	16.2	--	--
Spanish Fork	Strawberry	270.0	162.2	213.5	149.0
	Soldier Creek		44.1	--	--
Utah Lake	Utah Lake	883.9	645.8	806.1	569.8
Weber	East Canyon	48.1	27.3	31.4	25.3
	Echo	73.9	16.0	34.7	27.6
	Lost Creek	20.0	12.1	15.4	13.8b
	Rockport	60.9	43.8	48.8	44.4
	Willard Bay	193.3	125.9	168.3	145.9
COLORADO RIVER BASIN					
Ashley Creek	Steinaker	33.3	17.3	21.8	16.4
	Red Fleet	26.0	10.0	10.3	--
Colorado	Blue Mesa	829.5	379.5	737.8	--
	Lake Powell	25002.0	20765.0	23084.0	--
Green	Flaming Gorge	3749.0	2920.0	3077.5	--
Lakefork	Moon Lake	35.8	4.7	10.3	10.6
Price River	Scofield	65.8	29.3	47.5	34.0
San Juan	Navajo	1696.0	1248.0	1555.0	--
San Rafael	Huntington North	3.9	0.9	0.9	1.0b
	Joe's Valley	54.6	41.3	42.4	38.6b
	Mill Site	16.7	5.6	9.3	--
Strawberry	Starvation	165.3	136.7	140.7	123.6b
Uintah	Bottle Hollow	11.3	10.4	10.8	10.2b

USDA-SCS-PORTLAND, OREG. 1969

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

1981 WATER YEAR

STATION NAME	OCT.-DEC.		JANUARY		FEBRUARY		MARCH		APRIL		MAY		JUNE		JULY-SEPT.		TOTAL
B E A R R I V E R B A S I N																	
BUG LAKE	12/26	6.70			2/22	2.44	3/25	1.63	4/24	3.75	6/01	4.25			9/30	2.50	21.27
BURTS-MILLER	12/30	5.31	1/29	.42	2/24	1.48	3/29	3.89	4/25	2.98	5/28	2.91	6/23	1.01	9/22	2.40	20.40
CLARKSTON MTN															9/29		24.27
FRANKLIN BASIN	12/27	6.47			2/23	6.25	3/26	4.00	4/24	4.13	6/01	8.12			9/30	4.10	~~27.07~~
GARDEN CTY SMT	12/27	3.92	1/27	.51	2/22	2.00	3/25	2.14	4/24	2.51	6/02	5.07	6/30	.54	9/28	1.49	18.18
GEORGE PEAK															8/24		21.15
HAYDEN FORK	12/30	6.70	2/02	2.67	2/24	1.01	3/29	5.56	4/25	3.81	5/29	4.42			9/30	3.10	27.31
HERD HOLLOW															9/28		19.10
LILY LAKE	12/30	5.79			2/24	1.81	3/29	4.63	4/23	4.19			6/18	6.10	9/22	1.46	25.41
LITTLE BEAR UP	12/26	6.65			2/22	3.31	3/25	2.50	4/24	3.56	6/01	5.43			9/30	1.10	22.55
KLONDIKE NRWS	12/27	4.83	1/27	.67	2/22	2.94	3/25	2.65	4/24	3.05	5/27	6.91	6/30	2.25	9/22	1.64	25.85
MONTE CRISTO	12/26	6.40	1/26	.70	2/22	3.03	3/25	3.70	4/24	4.96	5/27	7.82	7/02	1.38	10/06	2.72	30.71
SALT RIVER SMT			1/29	4.56	2/26	3.00	3/30	2.19	4/29	1.75	5/29	4.60	6/30	1.10	9/30	1.50	18.70
STILLWATER CMP	12/30	2.11	2/02	1.04	2/24	.40	3/29	4.20	4/25	3.47	5/29	3.24	6/23	.14	9/22	2.82	20.73
TONY GROVE LK					2/22	11.98	3/25	4.13	4/24	4.88	6/01	8.62			9/30	5.80	35.41
TONY GROVE RS	12/27	4.09	1/26	.66	2/22	2.13	3/25	2.19	4/24	2.74	5/27	5.26	6/30	1.37	9/30	1.75	20.19
WILLOW FLAT	12/27	5.67	1/26	.91	2/23	3.13	3/26	3.06	4/24	3.50	5/27	7.15	6/30	1.46	9/30	1.00	25.88
W E B E R - O G D E N R I V E R B A S I N S																	
BEN LOMOND PK	12/26	7.54	1/26	4.90	2/24	4.16	3/25	1.13	4/24	4.52	5/27	10.55	7/01	1.51	10/06	4.15	38.46
CAUSEY DAM	12/26	3.25	1/26	.48	2/22	1.32	3/25	1.84	4/24	1.54	5/27	3.70	7/01	.90	10/07	1.90	14.93
CHALK CREEK 1													6/22	32.06	9/30	3.90	35.96
CHALK CREEK 2									4/25	17.63	5/28	6.62			9/30	7.25	31.50
CHALK CREEK 3	12/30	5.77	1/29	.68	2/24	1.78	3/29	4.22	4/25	3.96	5/28	4.40	6/22	1.60	9/21	2.32	24.73
DRY BREAD POND	12/26	5.40			2/22	2.44	3/25	2.50	4/24	3.31	6/01	5.06	7/02	1.06	9/30	1.60	21.37
FARMINGTON GS	12/26	7.01	1/26	.91	2/22	5.04	3/25	7.38	4/24	4.00	5/30	9.15	6/22	1.82	10/15	7.60	42.91
FARMINGTON LWR	12/26	6.13	1/26	.28	2/22	5.40	3/25	7.76	4/24	3.93	5/30	10.04	6/22	1.50	10/15	6.96	42.00
FRANCIS CANYON													7/23	18.10	10/14	3.00	21.10
GUILDERS PEAK													7/23	19.70	10/01	2.10	21.80
HORSE RIDGE	12/26	3.90	1/26	.83	2/22	3.40	3/25	3.90	4/24	3.77	5/28	6.10			9/30	2.40	24.30
LOST CREEK	12/26	7.53	1/26	.37	2/22	1.16	3/25	2.27	4/24	1.95	5/28	2.95			10/01	2.45	18.68
PARLEY CYN SMT	12/30	6.67	1/29	.93	2/26	3.49	3/26	4.73	4/30	3.93	6/01	5.66	6/23	2.10	10/09	4.82	32.33
PINE CANYON													7/23	23.20	10/01	1.20	24.40
PORCUPINE													6/22	22.56	9/21	2.45	25.01
SAGEBRUSH FLAT	12/26	3.07	1/26	.39	2/22	1.42	3/25	1.57	4/24	1.59	5/27	2.58	7/02	.88	10/06	1.85	13.35
SERGEANT LAKES													6/22	28.01	9/21	2.99	31.00

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

1981 WATER YEAR

STATION NAME	OCT.-DEC.		JANUARY		FEBRUARY		MARCH		APRIL		MAY		JUNE		JULY-SEPT.		TOTAL
SM+MOREHOUSE	12/30	7.15	1/29	1.45	2/24	2.41	3/29	5.20	4/25	3.83	5/28	4.60	6/19	.75	9/23	2.65	28.04
BEN LOMOND TRL	12/26	5.82	1/26	.92	2/22	3.23	3/25	3.77	4/24	3.45	5/27	8.30	7/01	1.09	10/06	3.10	29.68
U T A H L A K E - J O R D A N R I V E R B A S I N																	
BEAVER DIVIDE	12/30	3.37	2/02	3.37	2/24	1.53	3/29	4.90	4/25	4.29	5/29	4.90	6/23	.92	9/22	3.89	27.26
CLEAR CR RDG 2	12/29	5.35	1/28	.56	2/25	1.89	3/30	3.95	4/26	2.16	5/29	4.25	7/06	1.19	9/28	5.20	24.55
DANIEL-STR SMT	12/29	5.33	2/02	.44	2/27	2.90	3/11	2.30	4/27	3.65	5/30	3.80	6/25	.75	9/23	4.45	23.62
DESERET PEAK							3/31	20.86	4/29	1.90					9/22	11.48	34.24
DUTCHMAN RS	12/26	5.36	1/29	1.83	2/25	2.80	3/25	3.90	4/28	3.15	5/27	6.70	6/30	1.40	9/28	6.35	31.49
EAST PORTAL	12/30	5.01	1/28	.59	2/25	2.80	3/30	3.46	5/01	1.70	5/31	3.40	7/01	.55	10/01	4.45	21.83
HOBBLE CK SMT	12/29	5.59	1/29	.99	2/27	2.73	3/25	2.49	4/27	3.55	5/30	3.37	7/06	.40	9/28	5.71	24.83
LAKE CREEK	1/13	3.00											6/24	21.10	9/23	5.13	29.23
LAMBS CANYON	12/30	4.95	1/29	.84	2/26	2.46	3/26	3.49	4/30	4.07	5/29	5.76			10/09	6.77	28.34
MIDDLE CANYON	12/30	7.10	1/25	.30	2/27	4.10	3/27	5.20	4/30	4.20	5/28	4.40	6/25	1.95	9/24	1.90	29.15
PASON RS	12/28	6.34	1/28	.51	2/22	2.79	3/25	3.03	4/24	2.43	5/27	4.68	7/06	1.22	9/28	4.60	25.60
ROCKY BASIN-SC	10/25	1.28					3/31	17.41	4/29	1.90	5/30	7.26	6/29	.70	9/22	1.96	29.15
SOAPSTONE RS	12/30	2.45	2/02	2.53	2/24	1.20	3/29	3.90	4/25	3.34	5/29	3.74	6/23	.80	9/22	3.20	23.74
TIMPANOGOS DIV	12/26	9.70	1/29	1.92	2/25	1.60	3/25	4.50	4/28	3.35	5/27	7.05	6/30	1.85	9/28	4.40	34.37
TRIAL LAKE	12/30	7.72	2/02	3.51	2/24	1.56	3/29	5.35	4/25	2.01	5/29	6.04	6/23	1.02	9/22	4.40	31.61
VERNON CREEK	12/30	2.80	1/25	.60	2/27	3.70	3/27	3.20	4/29	3.80	5/30	4.05	6/29	.20	9/24	3.67	22.02
D U C H E S N E - G R E E N R I V E R B A S I N																	
ASHLEY TWIN LK															9/23		18.34
ATWOOD LAKE															9/23		26.68
BLACKS FK JCT	12/30	4.75	2/02	1.04	2/24	1.37	3/29	3.37	4/25	2.90	5/29	5.01	6/23	.39	9/22	3.52	22.35
BROWN DUCK RDG	12/31	6.23	2/03	1.91	2/25	.70	3/31	6.09	4/26	.77	5/29	2.87	6/30	.37	9/29	5.80	24.74
BUCK PASTURE																	*
BURNT CREEK	1/07	4.55	1/29	. 5	3/03	1.20	3/30	2.60	5/01	1.60	5/29	2.85	7/01	.80	9/28	4.40	18.05
CHEPETA WTROCK															9/23		24.89
CURRANT CREEK	12/29	3.72			2/27	2.63	3/25	1.80	4/27	2.80	5/30	2.92	6/24	.40	9/23	4.78	19.05
E FK BLACKS FK	12/30	4.56	2/02	1.44	2/24	1.28	3/29	4.53	4/25	2.98	5/29	4.57	6/23	.71	9/22	3.96	24.03
FIVE POINT LK															8/29		31.10
GRIZZLY RIDGE	1/07	4.85	1/29	.40	3/03	2.35	3/30	3.60	5/01	2.60	5/29	3.25	6/30	1.05	9/28	4.40	22.50
HENRYS FORK															9/23		24.80
HICKERSON PARK	12/31	4.25	2/03	.97	2/25	.75	3/31	4.24	4/26	1.12	5/30	3.85	7/01	.64	9/28	4.50	20.32
HEWINTA GS	12/30	4.81	2/02	1.35	2/24	1.40	3/29	4.22	4/25	2.75	5/29	4.85	6/23	.45	9/22	3.37	23.20
INDIAN CANYON	12/29	4.08	1/28	.18	2/26	2.36	3/29	8.14	4/26	2.08	5/30	3.28	6/26	.42	9/28	7.16	27.70
JACKSON PARK	12/31	3.12	2/03	2.40	2/25	.54	3/31	6.44	4/26	1.76	5/29	4.55	6/30	.38	9/23	6.49	25.68

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*: 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

1981 WATER YEAR

STATION NAME	OCT.-DEC.		JANUARY		FEBRUARY		MARCH		APRIL		MAY		JUNE		JULY-SEPT.		TOTAL
KIDNEY LAKES															9/23		28.91
KINGS CABIN UP	12/31	4.20	2/03	2.03	2/25	.38	3/31	3.92	4/26	2.19	5/30	2.76	6/30	1.95	9/24	4.37	21.80
LAKEFORK BASIN															8/26		33.82
LAKEFORK MTN 1	12/31	5.31	2/04	2.04	2/25	.37	3/31	5.28	4/26	1.69	5/29	3.31	6/26	. 1	9/24	4.95	22.94
LIGHTNING LAKE															8/25		40.83
MOSBY MOUNTAIN	12/31	4.46	2/04	2.88	2/25	.28	3/31	4.53	4/26	1.78	5/30	3.78	6/30	1.39	9/23	7.00	26.10
PARADISE PARK	12/31	5.95	2/04	2.65	2/25	.26	3/31	5.34	4/26	2.35	5/30	3.79	6/30	1.45	9/23	7.03	28.82
REYNOLDS PARK															9/23		26.12
ROCK CREEK	12/31	5.33	2/04	1.31	2/25	.54	3/31	4.54	4/26	1.44	5/29	2.78	6/26	.52	9/28	3.39	19.85
SHADOW LAKE															8/28		40.72
SPIRIT LAKE	12/31	6.56	2/03	2.66	2/25	.94	3/31	5.69	4/26	1.55	5/30	4.56	7/01	.73	9/28	6.35	29.04
STEEL CRK PARK													6/23	21.77	9/22	4.68	26.45
TROUT CREEK	12/31	7.65	2/03	1.96	2/25	.40	3/31	3.01	4/26	1.35	5/30	3.07	6/30	2.76	9/24	6.76	26.96
W FK DUCHESNE													6/30	17.58	9/23	5.90	23.48
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	12/27	2.94	1/26	.39	2/24	1.56	3/29	4.02	4/26	2.76	5/29	1.92	6/25	.30	9/19	6.35	20.24
BUCKBOARD FLAT	12/29	5.80	1/27	.73	2/24	.56	3/26	5.72	4/28	4.55	5/28	1.32	6/29	2.22	9/30	8.13	29.03
BUCK FLAT	12/28	4.22	1/27	.48	2/25	2.37	3/29	4.47	4/26	3.39	5/29	4.15	6/24	.50	9/30	4.50	24.08
CAMP JACKSON	12/29	2.90			2/24	.52	3/26	5.51	4/28	4.35	5/28	1.68	6/29	2.67	9/30	9.11	26.74
DILLS CAMP	12/28	3.97	1/27	.31	2/25	1.94	3/29	4.09	4/26	2.92	5/29	3.61	6/24	.39	9/30	8.50	25.73
FISH LAKE			1/26	2.59	2/24	1.23	3/29	3.43	4/26	2.22	5/29	1.80	6/24	.45	9/21	5.70	17.42
GOOSEBERRY RES	12/28	4.44	1/28	1.96	2/25	3.30	3/29	5.10	4/26	2.70	5/29	4.95	6/30	.75	9/30	3.90	27.10
LASAL MTN UPR	12/30	5.82	1/26	.48	2/25	2.22	3/31	7.98	4/29	2.28	5/28	2.79	6/29	1.83	9/23	9.85	33.25
MUD CREEK	12/28	3.04	1/27	.41	2/25	1.90	3/29	3.95	4/26	2.00	5/29	3.32			9/29	5.10	19.72
ORANGE OLSEN	12/28	1.80	1/27	.10	2/25	.75	3/29	2.10	4/26	1.50	5/29	1.84	6/25	.80	9/25	5.10	13.99
RED PINE RIDGE	12/28	4.45	1/27	.72	2/25	3.54	3/29	4.90	4/26	3.45	5/29	3.80	6/25	1.27	9/25	5.65	27.78
STUART RS OLD	12/28	2.35	1/27	.25	2/25	1.45	3/29	3.15	4/26	1.84	5/29	3.04			9/29	6.81	18.89
WHITE RIVER #1	12/29	4.48	1/28	.27	2/26	1.74	3/30	4.06	4/26	1.75	5/30	3.90	7/14	1.30	9/29	5.64	23.14
S E R 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	5.27	1/27	.58	2/25	1.75	3/29	3.96	4/26	3.14	5/29	3.81	6/29	1.79	9/28	5.05	25.35
BIG FLAT	12/27	5.08	1/26	.86	2/24	2.34	3/25	5.25	4/24	4.05	5/28	3.77	6/25	.45	9/29	8.70	30.50
BOX CREEK	12/27	4.45	1/26	.49	2/24	2.06	3/29	4.91	4/25	3.40	5/29	1.48	6/25	.61	9/21	6.15	23.55
CASTLE VALLEY	12/26	4.54	1/25	.45	2/23	1.64	3/27	6.10	4/25	3.48	5/28	3.13	6/30	1.39	9/23	6.57	27.30
DUCK CREEK	12/26	4.35	1/25	.40	2/23	2.04	3/27	6.20	4/25	2.88	5/28	3.20	6/30	1.57	9/23	5.05	25.69
FARNSWORTH LK	12/27	6.83	1/26	.64	2/24	2.74	3/29	9.09	4/26	4.23	5/29	4.15	6/24	.85	9/22	5.10	33.63
GBRC HEADQTRS	12/28	6.97	1/27	.64	2/25	1.96	3/29	5.49	4/26	3.66	5/29	4.88	6/29	.96	9/30	5.55	30.11

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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

1981 WATER YEAR

STATION NAME	OCT.-DEC.		JANUARY		FEBRUARY		MARCH		APRIL		MAY		JUNE		JULY-SEPT.		TOTAL
GBRC MAJORS			1/27	4.60	2/24	.70			4/30	1.40	6/02	3.80	6/29	.45	9/30	3.95	14.90
GBRC MEADOWS	12/28	7.46	1/27	1.24	2/25	2.85	3/29	5.70	4/26	5.10	5/29	5.48	6/29	1.00	9/30	5.65	34.48
GBRC OAKS			2/02	5.68					4/30	1.75	6/02	4.25	6/29	.53	9/30	4.87	17.08
GOOSEBERRY RS	12/27	5.69	1/26	.49	2/24	2.13	3/29	4.40	4/26	3.11	5/29	3.17	6/24	.46	9/22	4.50	23.95
HI-TOP MTN													7/01	22.75			
KIMBERLY MINE	12/27	6.21	1/26	.84	2/24	2.25	3/25	4.27	4/24	5.03	5/28	4.73	6/23	.84	9/29	4.41	28.58
MERCHANT VALLY	12/27	4.45	1/26	.79	2/24	2.29	3/25	4.86	4/24	4.54	5/28	3.48	6/25	.61	9/29	5.70	26.72
MIDWAY VALLEY	12/26	5.42	1/25	.64	2/23	2.23	3/27	7.02	4/25	4.15	5/28	3.51	6/30	1.60	9/23	7.66	32.23
MT BALDY RS	12/28	5.29	1/27	.55	2/25	2.16	3/29	8.80	4/26	2.55	5/29	4.46			9/28	5.05	28.86
OAK CREEK			2/02	6.60	2/26	1.00	3/30	3.90	4/30	2.52	5/28	4.32	6/24	1.26	9/30	3.44	23.04
PANGUITCH LAKE	12/26	2.63	1/25	.24	2/23	.80	3/27	4.08	4/25	2.07	5/28	2.26	6/30	.44	9/23	6.78	19.30
PINE CREEK			1/26	8.54	2/22	2.25	3/25	4.40	4/24	4.59	5/27	5.00	6/23	1.88	9/29	5.99	32.65
REES FLAT	12/28	4.39	1/27	.52	2/22	2.24	3/25	3.23	4/24	3.77	5/27	3.81	6/30	.81	9/30	5.08	23.85
SHINGLE MILL			2/02	6.70	2/26	1.10	3/31	5.45	4/30	3.01	5/28	4.10	6/23	.80	9/28	5.35	26.51
WIDTSOE-ESCL 3	12/27	4.47	1/27	.20	2/23	1.65	3/27	6.13	4/25	2.86	5/28	2.70	6/26	.89	9/22	5.83	24.73

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															9/02		31.65
LITTLE GRASSY	12/26	1.72	1/25	.14	2/23	2.56	3/27	1.00	4/25	3.27	5/28	.55	6/30	.56	10/05	5.50	15.30
LONG FLAT	12/26	1.43	1/25	.42	2/23	1.30	3/27	4.65	4/25	3.91	5/28	1.89			9/30	4.70	18.30
TALL POLES	1/05	5.55	1/30	.70	2/26	1.45	3/26	3.90	4/29	4.50	6/02	4.40	7/09	1.04	10/01	6.70	28.24
WEBSTER FLAT	12/26	5.34	1/25	.27	2/23	2.57	3/27	8.01	4/25	5.62	5/28	3.78	6/28	1.12	10/01	7.20	34.00
YANKEE RESVR	12/26	2.76	1/25	. 3	2/23	1.30	3/27	3.60	4/25	3.50	5/28	3.37	7/09	.83	10/01	6.31	21.70

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

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