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Department of
Agriculture

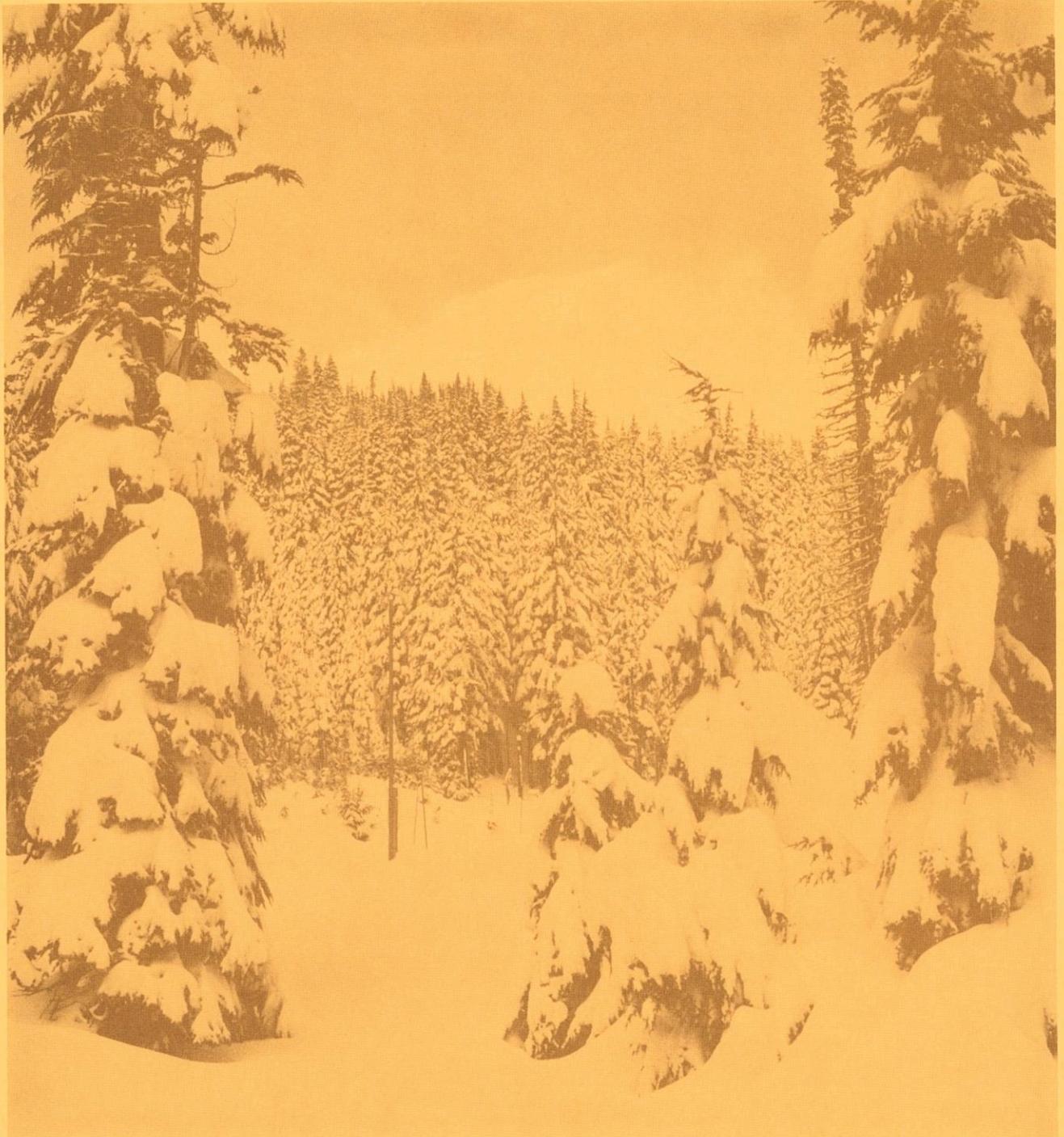
Soil
Conservation
Service

Salt Lake City
Utah



WATER SUPPLY OUTLOOK FOR UTAH

in Cooperation with Utah State Department
of Natural Resources



January 1, 1985

WATER SUPPLY OUTLOOK FOR UTAH

**and
FEDERAL-STATE-PRIVATE COOPERATIVE SNOW SURVEYS**

Issued by

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WASHINGTON, D.C.**



Released by

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In Cooperation with

UTAH STATE DEPARTMENT OF NATURAL RESOURCES	
DEE C. HANSEN	DANIEL F. LAWRENCE
State Engineer	Director
Division of Water Rights	Division of Water Resources



Report prepared by Snow Survey Staff

BOB L. WHALEY, Supervisor

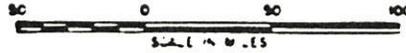
**Soil Conservation Service
125 So. State, Fed. Bldg.
P.O. Box 11350
Salt Lake City, Utah 84147**

PROSPECTIVE WATER SUPPLIES

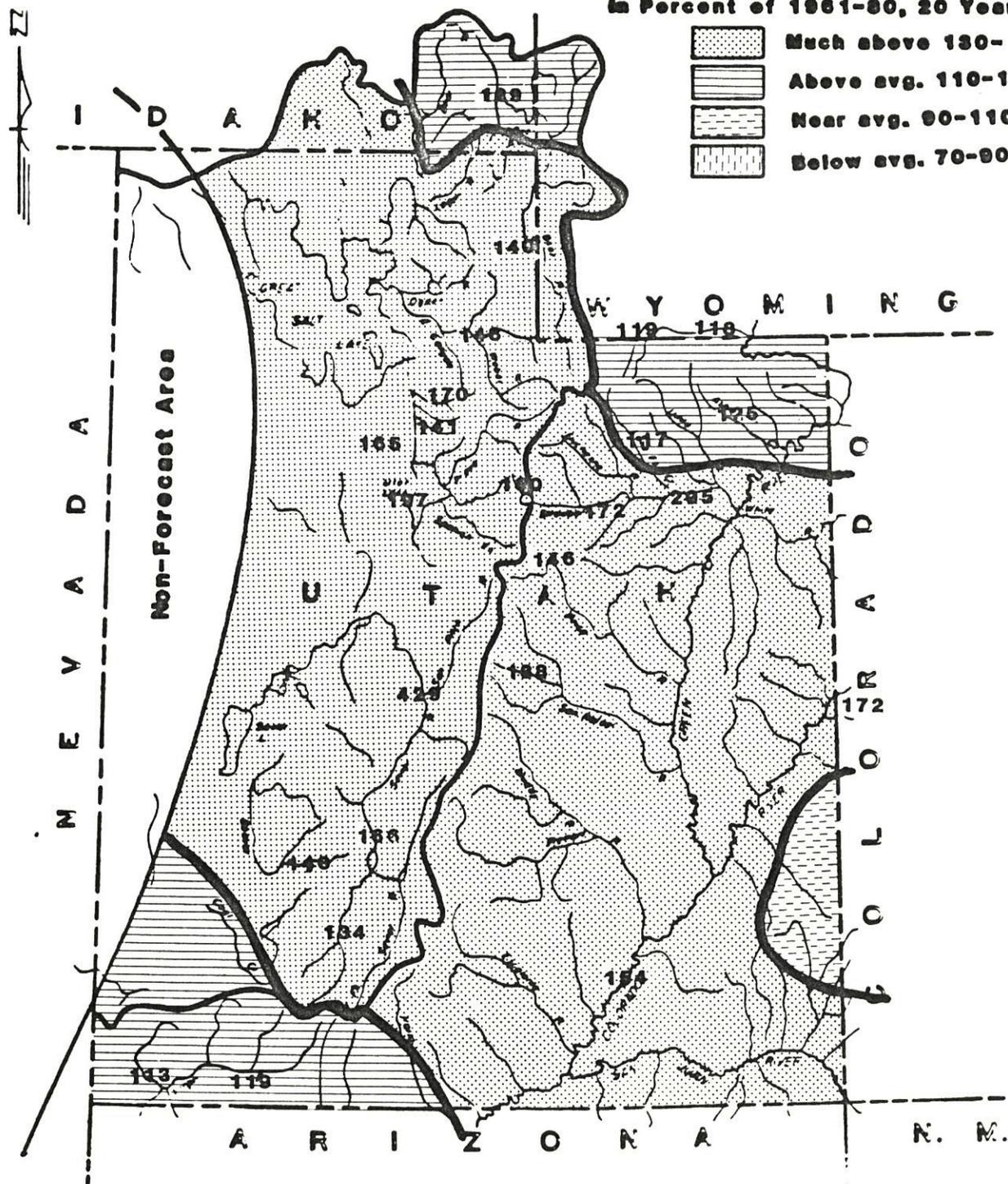
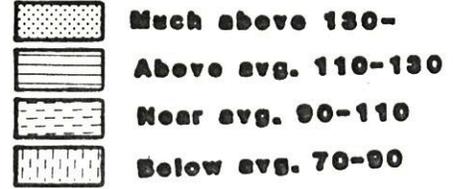
Based on Snow Surveys Made on
UTAH and BEAR RIVER WATERSHEDS

January 1, 1985

Approximate Date



FORECAST STREAM FLOW
In Percent of 1961-80, 20 Year Average



WATER SUPPLY OUTLOOK

As of January 1, 1985

* * * * *
* Utah's Water Supply Outlook ranges from near average to well *
* above average. Snow cover varies from below average on the *
* LaSal Mountains to better than twice average on the Ogden and *
* South Fork Sevier. Soil moisture is again wetter than average *
* except on Blue Mountains and reservoir storage is generally *
* above average statewide. Streamflow forecasts range from near *
* average to seven times average on the Lower Sevier. *
* * * * *

SNOW COVER

January 1st snow measurements show better than twice average water content on the South Fork Sevier, Enterprise-New Harmony, and Ogden River Watersheds. Other areas range from 71% of the January 1 average on LaSal Mountains above Moab, 92% on Black's Fork on the North Slope of the Uintahs, 101% on Blue Mountains and Sheep Creek and 122% on Ashley Creek above Vernal.

Most of the state has less snow water content than last year on January 1 except for the southwestern corner of the state which has almost twice as much as a year ago.

A few basins north to south are as follows: Bear 144%, Ogden 203%, Weber 136%, Provo-Utah Lake 150%, Duchesne 159%, Price 143%, San Rafael 194%, Muddy 156%, Fremont 139%, Escalante 146%, Lower Sevier 142%, Upper Sevier 226%, Beaver 159%, and Virgin 193% of the January 1, 20 year average (1961-1980).

PRECIPITATION

Precipitation at mountain stations for the October-December period ranges from about 40% below average on the east end of the Uintahs to better than twice average on the head of the San Rafael.

SOIL MOISTURE

Watershed soils are wetter than average again this year except on the east end of the Uintahs and in the southeastern part of the state.

RESERVOIR STORAGE

Storage in 24 key reservoirs in Utah is now 149% of the January average and 92% of useable capacity. Many reservoirs are already releasing water to make space for spring runoff.

STREAMFLOW FORECASTS

Streamflow forecasts for the snow melt runoff period range from 109% of average on Mill Creek near Moab to 720% for the Sigurd to Gunnison reach of the Lower Sevier River. Most forecasts range from 130 to 200% of average except for the Upper Green tributaries and the southwestern corner of the state (Virgin, Coal Creek drainages) which are 110 to 113% and some forecasts on the Lower Sevier which are expected to be 4 to 7 times average.

All forecasts are based on the assumption of average precipitation and temperature for the remainder of the spring runoff period.

RESERVOIR STORAGE (Thousand Acre Feet) END OF MONTH

Basin or Stream	RESERVOIR	Usable Capacity	Usable Storage		
			This Year	Last Year	Average†
GREAT BASIN					
<u>Bear River</u>	Bear Lake	1421.0	1095.3	1135.0	973.3
	Woodruff Narrows	57.3	57.8	47.8	--
	Woodruff Creek	4.0	2.5 ^e	4.0	--
<u>Beaver River</u>	Minersville (RkyFd)	26.0	22.2	23.8	9.3
<u>Little Bear</u>	Hyrum	15.3	10.3	10.4	10.0
	Porcupine	11.3	3.9	2.9	2.9 ^b
<u>Ogden</u>	Causey	6.9	5.2	1.1	2.1 ^b
	Pineview	110.1	74.0	59.7	50.0 ^b
<u>Provo</u>	Deer Creek	149.7	123.3	133.6	93.5
<u>Settlement Creek</u>	Settlement Creek	1.2	0.0 ^e	0.8	0.6 ^b
	Vernon Creek	0.6	0.0	0.6	0.4 ^b
<u>Sevier River</u>	Gunnison	18.2	15.8	15.0	9.5 ^b
	Otter Creek	52.5	49.3	50.3	23.8
	Piute	71.8	59.1	69.2	29.3
	Sevier Bridge	236.0	201.4	229.0	87.0
	Panguitch Lake	22.3	--	--	--
<u>Spanish Fork</u>	Strawberry	270.0	271.7	271.7	136.7
<u>Utah Lake</u>	Utah Lake	883.9	1155.4	1232.5	601.6
<u>Weber</u>	East Canyon	48.1	46.6	31.4	33.3 ^b
	Echo	73.9	69.0	37.8	41.4
	Lost Creek	20.0	16.9	10.4	12.7 ^b
	Rockport	60.9	48.0	52.4	34.1
	Willard Bay	193.3	168.2	146.7	133.2 ^b
COLORADO R. BASIN					
<u>Ashley Creek</u>	Steinaker	33.3	29.5	22.5	18.2 ^b
	Red Fleet	26.0	18.8	19.0	--
<u>Colorado</u>	Blue Mesa	829.5	664.6	598.0	--
	Lake Powell	25002.0	22605.0	22700.0	--
<u>Green</u>	Flaming Gorge	3749.0	3373.0	3450.0	--
<u>Lakefork</u>	Moon Lake	35.8	24.8	27.1	13.6
<u>Price River</u>	Scotfield	65.8	47.0	46.2	30.3
<u>San Juan</u>	Navajo	1696.0	1535.6	1547.0	--
	Ken's Lake	2.3	0.0	1.9	--
<u>San Rafael</u>	Huntington North	3.9	4.1	2.8	2.0 ^b
	Joe's Valley	54.6	50.0	40.9	42.7 ^b
	Mill Site	16.7	9.3	11.2	3.0 ^b
<u>Strawberry</u>	Starvation	165.3	124.2	118.0	105.2 ^b
	Soldier Creek	951.4	298.4	82.0	--
<u>Uintah</u>	Bottle Hollow	11.3	11.1	11.3	10.1 ^b

a - Partly estimated

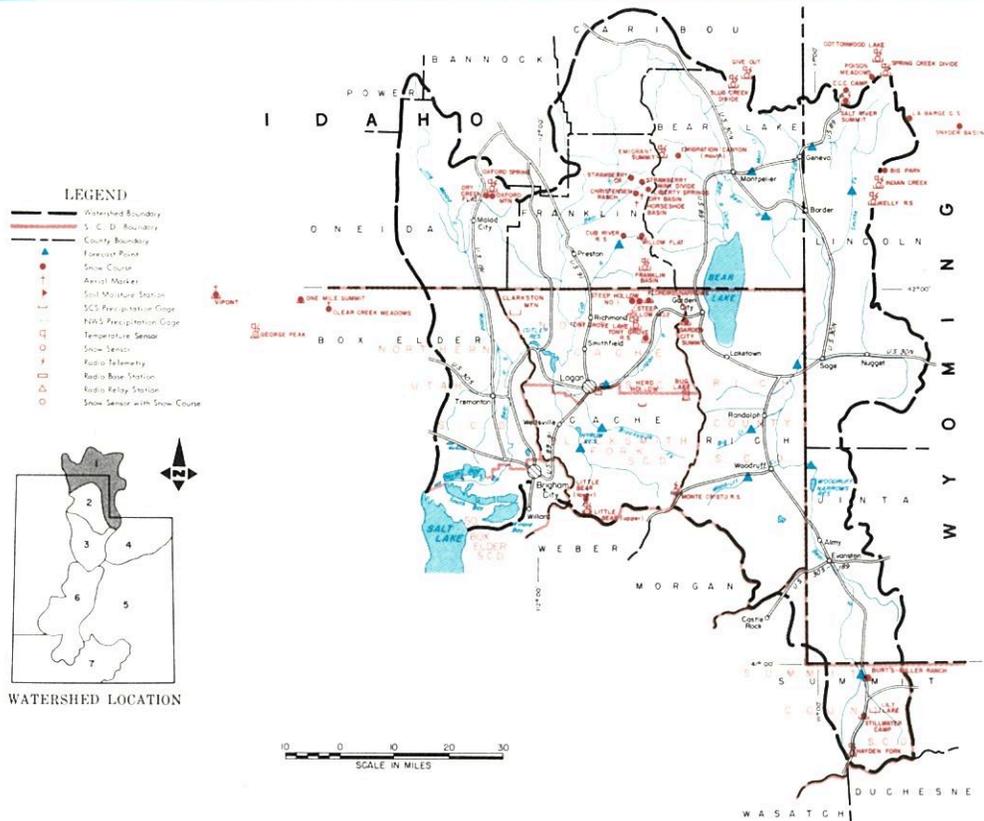
b - Average of past record in average period - less than 20 years

+ - 1961-80 20 year average period

WATER SUPPLY OUTLOOK

BEAR RIVER BASIN in UTAH

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



JANUARY 1, 1985

THE WATER SUPPLY OUTLOOK IS ABOVE AVERAGE

SNOW COVER ranges from 140% of average on the Lower Bear River to 184% on the Logan by itself. The Upper Bear is 153% of the January 1 average and snow cover is about 1/2 to 2/3 as much this year on Bear River as last year at this time.

PRECIPITATION at mountain stations in the Upper Bear averaged 101% of the 20 year average for the October-December period and the Lower Bear averaged 127% of average for the fall period.

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

RESERVOIR STORAGE is above average in Bear Lake and Woodruff Narrows and near average at Hyrum, Porcupine and Woodruff Creek.

STREAMFLOW FORECASTS range from 112% on Smith and Thomas Forks to 208% on Big Creek. Bear River forecasts are as follows: at State Line 133%, at Woodruff 140%, at Randolph 154% and at Harer 129% of average. The Logan River is forecast 155%, Blacksmith Fork 176%, Cub River 120% and Little Bear 150% of average.

BEAR RIVER BASIN IN UTAH

STREAMFLOW FORECASTS

BASIN, STREAM and/or FORECAST POINT	THIS YEAR		FORECAST PERIOD	PAST RECORD	
	FORECAST			THOUSAND ACRE FEET	
	Thousand Acre Feet	Percent of Average		Last Year	Average †
BEAR RIVER					
Bear nr UT-Wyo. State Line	146	133	Apr-July		110
Bear nr Woodruff 1/	195	140	Apr-July		139
Woodruff Crk nr Woodruff, UT	23	133	Apr-July		17.3
Big Creek nr Randolph, UT	11	208	Apr-July		5.3
Bear nr Randolph 1/	170	154	Apr-July		110
Thomas Fork nr ID-WY State Ln	39	112	Apr-Sept		35
Smith's Fork nr Border, WY	133	112	Apr-Sept		119
Bear at Harer, Idaho 1/	400	129	Apr-Sept		310
Logan nr Logan 1/	180	155	Apr-July		116
Blacksmith Fork nr Hyrum	90	176	Apr-July		51
Little Bear nr Paradise	57	150	Apr-June		38
Cub River nr Preston, ID	62	120	Apr-July		52

SUMMARY of SNOW MEASUREMENTS (COMPARISON WITH PREVIOUS YEARS)

RIVER BASIN and/or SUB-WATERSHED	Number of Gauging Averages	THIS YEAR AS A PERCENT OF	
		Last Year	Average †
BEAR RIVER	12	60	144
UPPER BEAR RIVER	4	70	153
LOWER BEAR RIVER	8	56	140
LOGAN RIVER	4	73	184

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

RESERVOIR STORAGE (Thousand Acre Feet)

BASIN OR STREAM	RESERVOIR	Usable Capacity	USABLE STORAGE		
			This Year	Last Year	Average †
BEAR RIVER	Bear Lake	1421.0	1095.3	1135.0	973.3
	Woodruff Narrows	55.8	57.8	47.8	--
	Woodruff Creek	3.5	2.5	4.0	--
LITTLE BEAR	Hyrum	15.3	10.3	10.4	10.0
	Porcupine	11.3	3.9	2.9	2.9 ^b

PEAK FLOWS^e

FORECAST POINT	PEAK FLOW (SECOND FEET)	
	Forecast Range	Average †
Bear nr. Ut.-Wyo. Stateline	To Begin Feb. 1	1506
Woodruff Creek nr Woodruff		253
Big Creek nr Randolph		48 ^b
Logan River nr Logan		980
Little Bear nr Paradise		519

SNOW

DRAINAGE BASIN and/or SNOW COURSE	Date of Survey	THIS YEAR		PAST RECORD	
		Snow Depth (inches)	Water Content (inches)	Water Content (inches)	
				Last Year	Average †
Burts-Miller Ranch	12/31	16	2.8	4.4	2.3 ^b
Cub River R.S.	12/27	21	5.0	11.2	3.5 ^a
Emigrant Summit	12/26	43	11.4	21.1 ^a	9.6 ^a
Franklin Basin	12/27	50	15.9	20.7	7.5 ^b
Garden City Summit	12/29	45	11.5	15.6	7.3
Hayden Fork	12/31	36	8.5	12.5	5.6 ^b
Klondike Narrows	12/29	54	14.0	17.0	7.7

SNOW

DRAINAGE BASIN and/or SNOW COURSE	Date of Survey	Snow Depth (inches)	Water Content (inches)	PAST RECORD	
				Last Year	Average †
		Little Bear Lower	12/27	31	8.5
Little Bear Upper	12/27	36	9.6	15.5	4.2 ^b
Monte Cristo	12/26	52	16.0	21.9	9.7 ^b
Salt River Summit					9.8
Stillwater Camp	12/31	28	5.8	8.3	4.0 ^b
Tony Grove R.S.	12/27	34	8.7	15.3	4.6

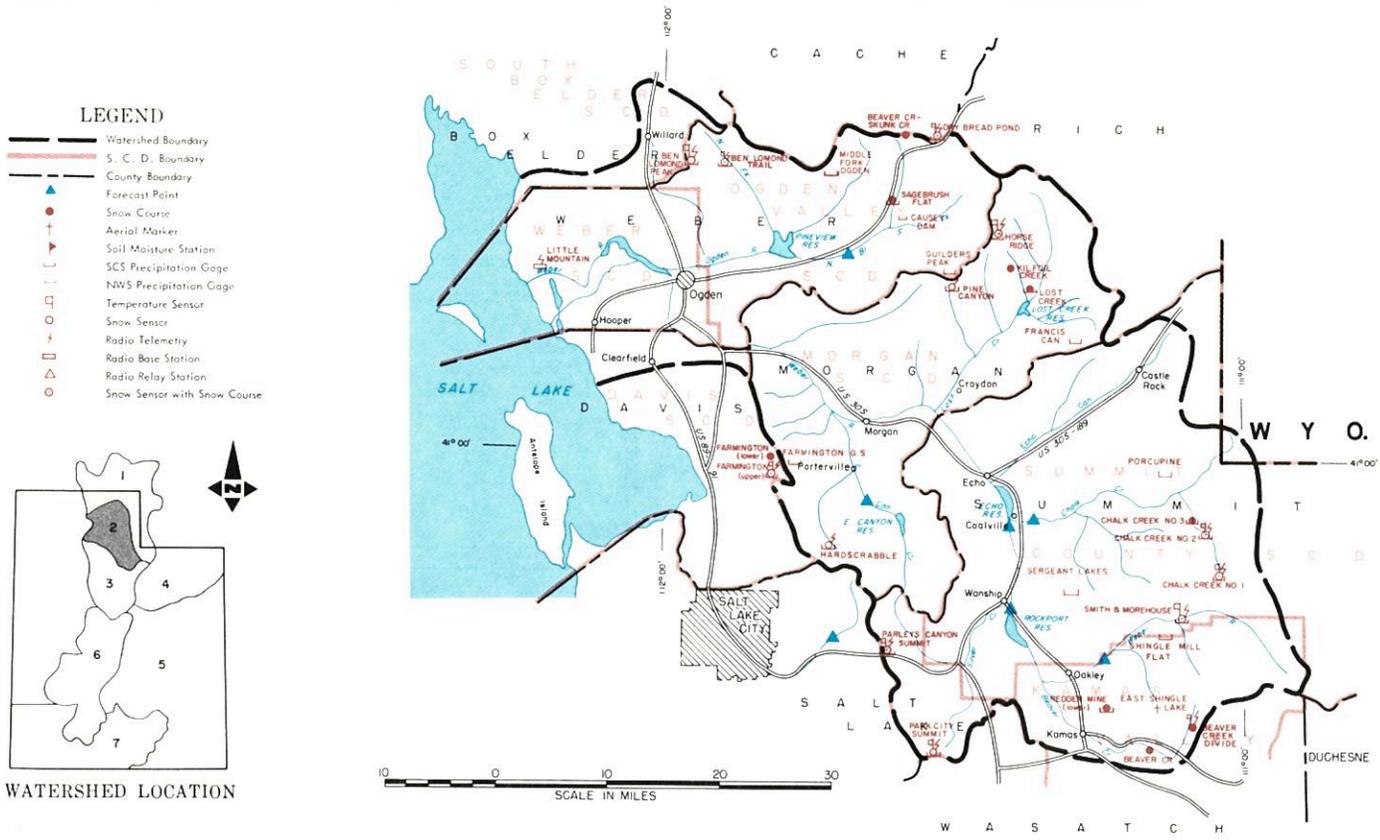
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WATER SUPPLY OUTLOOK

WEBER-OGDEN WATERSHEDS in UTAH

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



THE WATER SUPPLY OUTLOOK IS ABOVE AVERAGE

SNOW COVER ranges from 136% of the January 1 average on the Weber to 203% on the Ogden. These figures are 30 to 35% less than last year at this time.

PRECIPITATION at mountain stations for the fall period October through December was 211% of the 20 year average on the Ogden Basin and 164% on the Weber Basin.

SOIL MOISTURE is well above average again this season.

RESERVOIR STORAGE is above average and 25 to 30% above last year at this time.

STREAMFLOW FORECASTS range from 128% of the April-June average for the Weber near Oakley to 200% for East Canyon Creek near Morgan.

The Ogden River is forecast 161% for the South Fork and 160% of average for Pineview Inflow. Weber River forecasts are as follows: 128% at Oakley, 133% for Rockport Inflow, 135% near Coalville, 148% for Echo Inflow, and 137% at Gateway. Chalk Creek is forecast 168%, Lost Creek 192%, Hardscrabble 173% and Farmington Creek 150% of average.

STREAMFLOW FORECASTS

BASIN, STREAM and/or FORECAST POINT	THIS YEAR		FORECAST PERIOD	PAST RECORD	
	FORECAST *	FORECAST		THOUSAND ACRE FEET	
	Thousand Acre Feet	Percent of Average		Last Year	Average †
WEBER-OGDEN RIVERS					
Weber nr Oakley	130	128	Apr-June		102
Rockport Reservoir Inflow 1/	148	133	Apr-June		111
Chalk Creek at Coalville	60	168	Apr-June		36
Weber nr Coalville 1/	160	135	Apr-June		119
Lost Creek nr Croydon, UT 1/	30	192	Apr-June		15.6
East Canyon Creek nr Morgan 1/	50	200	Apr-June		25
Hardscrabble Crk nr Porterville	32	173	Apr-June		18.4
S. Fork Ogden nr Huntsville 1/	92	161	Apr-June		57
Pineview Reservoir Inflow 1/	184	160	Apr-June		115
Echo Reservoir Inflow 2/	215	148	Apr-June		145
Weber at Gateway 1/	411	137	Apr-June		300
JORDAN RIVER & SALT LAKE					
Farmington Crk nr Farmington	12.3	150	Apr-July		8.2

SUMMARY of SNOW MEASUREMENTS (COMPARISON WITH PREVIOUS YEARS)

RIVER BASIN and/or SUBWATERSHED	Number of Courses Averaged	THIS YEAR AS A PERCENT OF	
		Last Year	Average †
OGDEN RIVER	6	64	203
WEBER RIVER	9	72	136

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

RESERVOIR STORAGE (Thousand Acre Foot)

BASIN OR STREAM	RESERVOIR	Usable Capacity	USEABLE STORAGE		
			This Year	Last Year	Average †
OGDEN	Causey	6.9	5.2	1.1	2.1 ^b
	Pineview	110.1	74.0	59.7	50.0 ^b
WEBER	East Canyon	48.1	46.6	31.4	33.3 ^b
	Echo	73.9	69.0	37.8	41.4
	Lost Creek	20.0	16.9	10.4	12.7 ^b
	Rockport	60.9	48.0	52.4	34.1
	Willard Bay	193.3	168.2	146.7	133.2 ^b

PEAK FLOWS ^e

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

SNOW

DRAINAGE BASIN and/or SNOW COURSE	THIS YEAR			PAST RECORD	
	Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Water Content (Inches)	
				Last Year	Average †
Beaver Creek R.S.	12/30	24	5.5	8.2	3.7
Beaver Creek-Skunk Creek	12/26	27	9.3	13.5	4.8 ^b
Ben Lomond Peak	12/29	82	26.5	42.2	12.6 ^b
Ben Lomond Trail	12/27	51	15.6	25.8	5.5 ^b
Chalk Creek #1	12/31	55	14.3	16.9	8.8 ^b
Chalk Creek #2	12/31	39	8.9	11.5	6.1 ^b
Chalk Creek #3	12/31	23	4.9	6.5	3.5 ^b
Dry Bread Pond	12/26	39	12.4	18.5	6.8 ^b

SNOW

DRAINAGE BASIN and/or SNOW COURSE	THIS YEAR			PAST RECORD	
	Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Water Content (Inches)	
				Last Year	Average †
Horse Ridge	12/26	49	15.0	21.4	7.6 ^b
Lost Creek Reservoir	12/26	19	4.1	8.0	1.9 ^b
Monte Cristo	12/26	52	16.0	21.9	9.7 ^b
Parleys Canyon Summit	12/28	43	12.6	18.0	7.7
Sagebrush Flat	12/26	19	4.8	9.6	2.2 ^b
Smith & Morehouse	12/31	33	9.2	11.6	5.3
Trial Lake	12/30	55	14.0	19.2	10.7

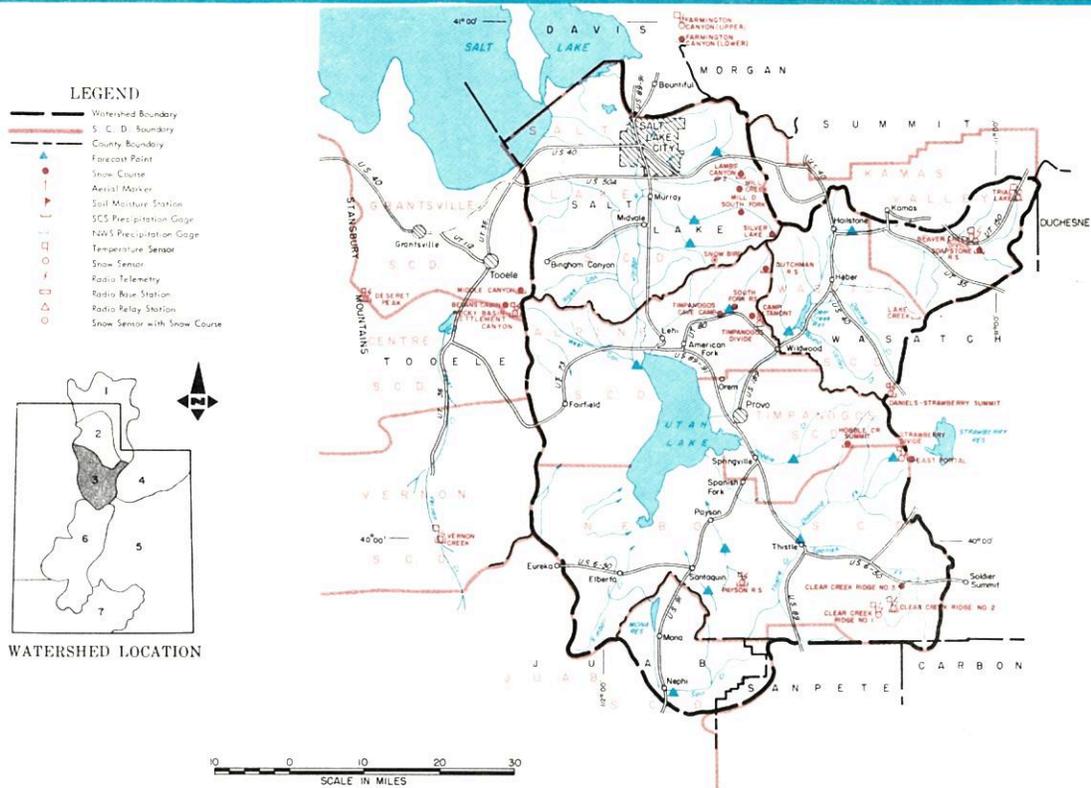
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WATER SUPPLY OUTLOOK

UTAH LAKE, JORDAN RIVER and TOOELE VALLEY WATERSHEDS in UTAH

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



JANUARY 1, 1985

THE WATER SUPPLY OUTLOOK IS ABOVE AVERAGE

SNOW COVER ranges from 150% of the January 1 average on the Provo River-Utah Lake watershed to 170% for Tooele Valley and 171% for Jordan River and Salt Lake Front. This is about 25 to 30% less snow water content than last year at this time.

PRECIPITATION at mountain stations ranges from 124 to 150% of the October-December average.

SOIL MOISTURE is above average for the third year.

RESERVOIR STORAGE is above average except in Settlement Canyon and Vernon Creek. All reservoirs have less storage than last year at this time except Strawberry which is still full and spilling into Soldier Creek Reservoir.

STREAMFLOW FORECASTS range from 132% of the April-July average for the Provo at Hailstone to 197% for Utah Lake Inflow. The Provo below Deer Creek Dam is forecast 147% of average, Payson Creek 153%, Spanish Fork 158%, Hobble Creek 179%, and American Fork 145% of average.

Streams along the Salt Lake Front are forecast 141% for Little Cottonwood, 162% for Big Cottonwood, 169% for Mill Creek, 170% for Parley's Creek, 186% for Emigration Creek, and 155% for City Creek.

Tooele Valley streams are forecast 165% of average for Settlement and South Willow Creeks and 162% for Vernon Creek.

STREAMFLOW FORECASTS

BASIN, STREAM and/or FORECAST POINT	THIS YEAR		FORECAST PERIOD	PAST RECORD	
	FORECAST*			THOUSAND ACRE FEET	
	Thousand Acre Feet	Percent of Average		Last Year	Average †
PROVO RIVER AND UTAH LAKE					
Provo nr Hailstone 1/	140	132	Apr-July		106
Provo below Deer Creek Dam/	176	147	Apr-July		118
American Fork nr American Fk.	45	145	Apr-July		31
Hobble Creek nr Springville	31	179	Apr-July		18.7
Strawberry Reservoir Inflow/	85	160	Apr-July		53
Spanish Fork at Thistle	63	158	Apr-July		40
Payson Creek nr Payson	9.5	153	Apr-July		6.2
Utah Lake Inflow	470	197	Apr-July		238
JORDAN RIVER & SALT LAKE					
Little Cottonwood Crk nr SLC	54	141	Apr-July		38
Big Cottonwood nr SLC	60	162	Apr-July		37
Parley's Creek nr SLC	25	170	Apr-July		14.8
Mill Creek nr SLC	10.0	169	Apr-July		5.8
Emigration Creek nr SLC	6.9	186	Apr-July		3.7
City Creek nr SLC	12.1	155	Apr-July		7.7
TOOELE VALLEY					
Settlement Crk nr Tooele	3.8	165	Apr-July		2.3
S. Willow Crk nr Grantsville	5.0	165	Apr-July		3.0
Vernon Creek nr Vernon	1.3	162	Apr-June		1.2

SUMMARY of SNOW MEASUREMENTS (COMPARISON WITH PREVIOUS YEARS)

RIVER BASIN and/or SUB-WATERSHED	Number of Courses Averaged	THIS YEAR AS A PERCENT OF	
		Last Year	Average †
PROVO RIVER & UTAH LAKE	8	71	150
JORDAN RIVER & SALT LAKE	5	76	171
TOOELE VALLEY & VERNON CREEK	2	76	170

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

RESERVOIR STORAGE (Thousand Acre Foot)

BASIN OR STREAM	RESERVOIR	Usable Capacity	USEABLE STORAGE		
			This Year	Last Year	Average †
SPANISH FORK	Strawberry	270.0	271.7	271.7	136.7
UTAH LAKE	Utah Lake	883.9	1155.4	1232.5	601.6
	Settlement Creek	1.2	0.0 ^e	0.8	0.6 ^b
	Vernon Creek	0.6	0.0	0.6	0.4 ^b
PROVO	Deer Creek	149.7	123.3	133.6	93.5

PEAK FLOWS^e

FORECAST POINT	PEAK FLOW (SECOND FEET)	
	Forecast Range	Average †
Big Cottonwood nr Salt Lake City	To Begin Feb. 1	442
Little Cottonwood nr Salt Lake City		384
Provo Near Hailstone		2128
Spanish Fork nr Thistle		451 ^b
American Fork nr American Fork		329
Mill Creek nr Salt Lake City		59
Parley's Creek nr Salt Lake City		153
City Creek nr Salt Lake City		75
Emigration		--

SNOW

DRAINAGE BASIN and/or SNOW COURSE	THIS YEAR			PAST RECORD	
	Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Water Content (Inches)	
				Last Year	Average †
Bevans Cabin		NOT MEASURED			
Clear Creek #1	12/26	41	11.0	16.9	7.7 ^b
Clear Creek #2	12/26	35	8.4	12.2	6.2 ^b
Clear Creek #3	12/26	21	5.1	8.3	3.5 ^b
Daniels-Strawberry Summit	12/26	36	9.3	13.5	5.7
Deseret Peak		NOT MEASURED			
Hobble Creek Summit	12/26	37	9.9	16.5	5.9 ^b
Lambs Canyon #2	12/28	44	2.9	16.6	7.4 ^b
Middle Canyon		NOT MEASURED			
Mill Creek	12/27	45	3.3	16.4	7.4 ^b

SNOW

DRAINAGE BASIN and/or SNOW COURSE	THIS YEAR			PAST RECORD	
	Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Water Content (Inches)	
				Last Year	Average †
Mill D South Fork	12/27	42	13.1	18.4	7.8
Parley's Canyon Summit	12/28	43	12.6	18.0	7.7
Payson R.S.	1/4	39	11.9	18.9	7.7
Rocky Basin-Settlement Canyon	1/1	52 ^a	17.0 ^a	25.4 ^a	12.7 ^a
Silver Lake Brighton	12/27	52	17.3	21.0	10.0
Soapstone R.S.	12/30	30	7.2	11.4	5.4
Timpanogos Divide	1/1	55 ^a	18.3 ^a	15.4 ^a	10.4
Trial Lake	12/30	55	14.0	19.2	10.7
Vernon Creek	1/1	38 ^a	11.3 ^a	11.8	3.9 ^b

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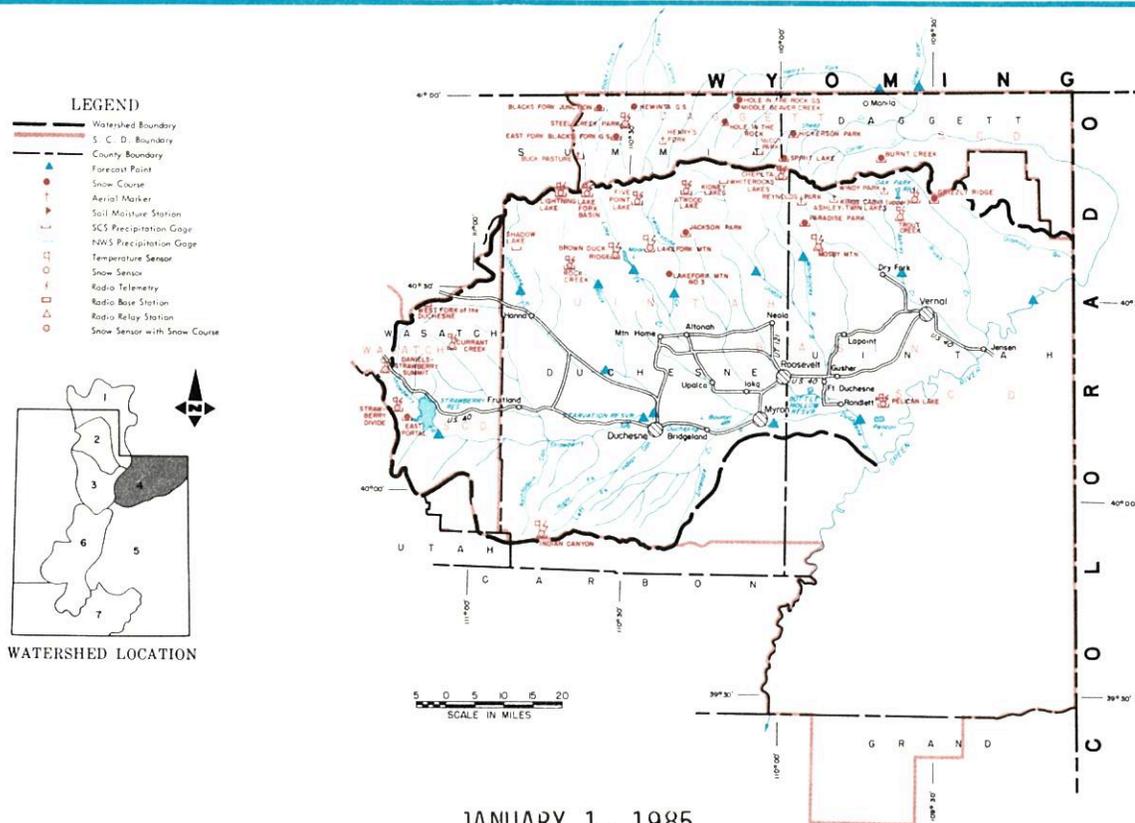
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WATER SUPPLY OUTLOOK

UINTAH BASIN and DAGGETT SCD's in UTAH

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



JANUARY 1, 1985

THE WATER SUPPLY OUTLOOK IS ABOVE AVERAGE

SNOW COVER ranges from 92% of the January 1 average on Black's Fork to 164% of average for Strawberry River. Sheep Creek is 101%, Ashley Creek 122%, Uintah-Whiterocks 143% Lakefork-Yellowstone 146%, and the whole Duchesne Basin 159% of the January 1 average. These basins range 3 to 56% less than last year at this time.

PRECIPITATION at mountain stations for the October-December period was about 150% of average.

SOIL MOISTURE is above average again this season.

RESERVOIR STORAGE is generally above average.

STREAMFLOW FORECASTS range from 112% of the April-July average for Flaming Gorge Inflow to 205% for the Duchesne at Myton.

The Duchesne River is forecast 153% for the West Fork, 143% near Tabiona, 146% at Duchesne and 195% at Randlett.

Currant Creek is forecast 155%, Strawberry River 172%, Rock Creek 132%, Lakefork 117%, Yellowstone 127%, Uintah 128%, and Whiterocks 132%.

Ashley Creek is forecast 125%, Henry's Fork 118%, and Black's Fork 119% of average.

UINTAH BASIN AND DAGGETT SCD'S IN UTAH

STREAMFLOW FORECASTS

BASIN, STREAM and/or FORECAST POINT	THIS YEAR		FORECAST PERIOD	PAST RECORD	
	FORECAST *			THOUSAND ACRE FEET	
	Thousand Acre Feet	Percent of Average		Last Year †	Average ‡
DUCHESNE RIVER					
Duchesne nr Tabiona 1/	150	143	Apr-July		105
Duchesne at Duchesne 1/	276	146	Apr-July		189
Strawberry at Duchesne	100	172	Apr-July		58
Rock Creek nr Mtn. Home	123	132	Apr-July		93
Currant Creek nr Fruitland	31	155	Apr-July		20
Lakefork below Moon Lake 1/	82	117	Apr-July		70
Yellowstone nr Altonah	83	127	Apr-July		65
Duchesne at Myton 1/	420	205	Apr-July		205
Whiterocks nr Whiterock	74	132	Apr-July		58
Uintah nr Neola	110	128	Apr-July		86
Duchesne at Randlett 1/	500	195	Apr-July		257
West Fork Duchesne at Hanna	40	153	Apr-July		26
FLAMING GORGE TO DUCHESNE RIVER					
Henry's Fork nr Manila	57	118	Apr-Sept		48
Black's Fork nr Millburne	108	119	Apr-July		90
Flaming Gorge Inflow 1/	1400	112	Apr-July		1248
Ashley Creek nr Vernal	64	125	Apr-July		51

SUMMARY of SNOW MEASUREMENTS (COMPARISON WITH PREVIOUS YEARS)

RIVER BASIN and/or SUB-WATERSHED	Number of Courses Averaged	THIS YEAR AS A PERCENT OF	
		Last Year	Average ‡
		DUCHESNE RIVER - TOTAL	9
LAKEFORK-YELLOWSTONE CREEKS	3	80	146
STRAWBERRY RIVER	3	68	164
UINTAH - WHITEROCKS RIVERS	3	97	143
ASHLEY CREEK	3	80	122
BLACK'S FORK	4	54	92
SHEEP CREEK	3	48	101

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 e - Maximum mean daily peak flow
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 * - Forecast in cooperation with National Weather Service

RESERVOIR STORAGE (Thousand Acre Feet)

BASIN OR STREAM	RESERVOIR	Usable Capacity	USEABLE STORAGE		
			This Year	Last Year	Average †
ASHLEY CREEK	Red Fleet	26.0	18.8	19.0	--
	Steinaker	33.3	29.5	22.5	18.2 ^b
GREEN RIVER	Flaming Gorge	3749.0	3373.0	3450.0	--
	LAKE FORK Moon Lake	35.8	24.8	27.1	13.6
STRAWBERRY	Currant Creek	15.5	6.9	5.2	--
	Starvation	165.3	124.2	118.0	105.2 ^b
	Soldier Creek	951.4	298.4	82.0	--
UINTAH	Bottle Hollow	11.3	11.1	11.3	10.1

PEAK FLOWS^e

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

SNOW

DRAINAGE BASIN and/or SNOW COURSE	THIS YEAR			PAST RECORD	
	Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Water Content (Inches)	
				Last Year	Average †
Brown Duck Ridge	12/30	52	12.5	15.8	7.2 ^a
Burnt Creek	12/20	8	1.3	4.7	2.4 ^b
Currant Creek	12/26	32	7.7	9.6	3.9 ^b
Daniels-Strawberry	12/26	36	9.3	13.5	5.7
Grizzly Ridge	12/20	27	4.3	5.1	4.3 ^b
Hewinta G. S.	12/31	24	4.5	8.8	3.5 ^b
Hickerson Park	12/30	18	3.0	7.1	1.9 ^b
Jackson Park	12/30	41	8.1	9.6	6.4 ^a
Kings Cabin Upper	12/30	27	5.5	7.7	4.3 ^b

SNOW

DRAINAGE BASIN and/or SNOW COURSE	THIS YEAR			PAST RECORD	
	Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Water Content (Inches)	
				Last Year	Average †
Lakefork Mountain #1	12/30	34	6.9	8.8	5.2 ^a
Mosby Mountain	12/30	31	6.4	5.8	4.2 ^b
Paradise Park	12/30	41	8.7	8.4	5.6 ^b
Rock Creek Ranch	12/30	32	7.7	6.5	3.3 ^a
Spirit Lake	12/30	26	5.2	7.9	5.1 ^b
Steel Creek Park	12/31	37	8.0	13.0	6.3 ^b
Strawberry Divide	12/28	47	11.7	18.8	7.9 ^b
Trout Creek	12/30	31	5.9	6.6	4.2 ^b

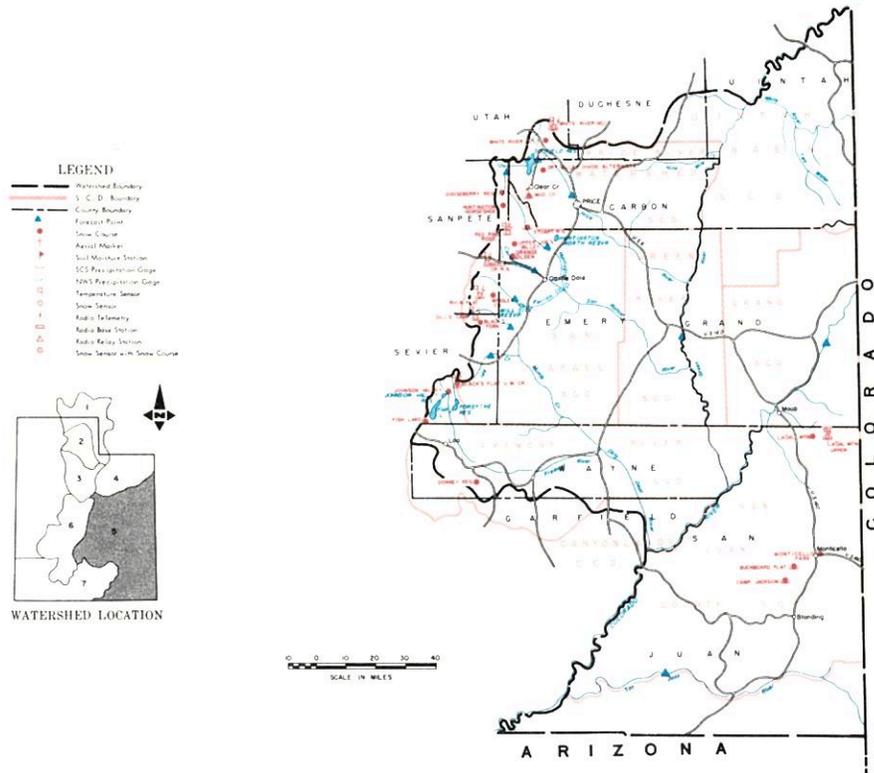
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WATER SUPPLY OUTLOOK

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

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



JANUARY 1, 1985

THE WATER SUPPLY OUTLOOK IS ABOVE AVERAGE

SNOW COVER ranges from 71% of the January 1 average on the LaSal Mountains to 194% on the San Rafael tributaries. Blue Mountains are about average, Price River is 143%, Muddy Creek 156%, and Fremont River 139% of average. All of these areas have 3 to 50% less snow water content than last year at this time.

PRECIPITATION at mountain stations ranged from less than average on the LaSal Mountains to about 1 1/2 to 2 1/2 times average on the San Rafael drainage.

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

RESERVOIR STORAGE is above average.

STREAMFLOW FORECASTS range from 109% of the April-July average for Mill Creek near Moab to 172% for the Colorado near Cisco.

Scofield Inflow is forecast 146%, Price at Heiner 170%, Huntington Creek 151%, Cottonwood Creek 138%, Ferron Creek 135%, Muddy Creek 140%, and Seven Mile Creek 123% of average.

Green River is forecast 125% and the San Juan 140% for the April-July period.

CARBON, EMERY, WAYNE, GRAND AND SAN JUAN COUNTIES IN UTAH

STREAMFLOW FORECASTS

BASIN, STREAM and/or FORECAST POINT	THIS YEAR		FORECAST PERIOD	PAST RECORD	
	FORECAST * Thousand Acres Feet	Percent of Average		Last Year †	Average ‡
PRICE RIVER					
Gooseberry Crk nr Scofield	15.0	140	Apr-July		10.7
Scofield Reservoir Inflow	55	146	Apr-July		38
Price nr Heiner 1/	108	170	Apr-July		63
SAN RAFAEL RIVER					
Huntington Crk nr Huntington	74	151	Apr-July		49
Cottonwood Crk nr Orangeville	65	138	Apr-July		47
Ferron Creek nr Ferron	50	135	Apr-July		37
MUDDY CREEK					
Muddy Creek nr Emery	26	140	Apr-July		18.5
UPPER COLORADO BASIN					
Colorado nr Cisco, UT	5250	172	Apr-July		3046
Green at Green River, UT	3760	125	Apr-July		3016
Mill Creek nr Moab	6.0	109	Apr-July		5.5
Navajo Reservoir Inflow	950	130	Apr-July		684
San Juan nr Bluff, UT	1400	140	Apr-July		995
FREMONT RIVER					
Seven Mile Crk nr Fish Lake	8.0	123	Apr-July		6.5 ^b

RESERVOIR STORAGE (Thousand Acre Feet)

BASIN OR STREAM	RESERVOIR	Usable Capacity	USEABLE STORAGE		
			This Year	Last Year	Average †
PRICE RIVER	Scofield	65.8	47.0	46.2	30.3
SAN RAFAEL	Huntington North	3.9	4.1	2.8	2.0 ^b
	Joe's Valley	54.6	50.0	40.9	42.7 ^b
	Mill Site	16.7	9.3	11.2	3.0
SAN JUAN	Navajo	1696.0	1535.6	1547.0	--
	Kens Lake	2.3	0.0	1.9	--

SUMMARY of SNOW MEASUREMENTS (COMPARISON WITH PREVIOUS YEARS)

RIVER BASIN and/or SUBWATERSHED	Number of Courses Averaged	THIS YEAR AS A PERCENT OF	
		Last Year	Average †
PRICE RIVER	3	57	143
SAN RAFAEL RIVER	8	61	194
FREMONT RIVER	3	51	139
LASAL MOUNTAINS	2	63	71
BLUE MOUNTAINS	2	97	101
MUDDY RIVER	2	62	156

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PEAK FLOWS^e

FORECAST POINT	PEAK FLOW (SECOND FEET)	
	Forecast Range	Average †
Ferron Creek near Ferron	To Begin Feb. 1	444
Muddy Creek near Emery		168
Huntington Cr. near Huntington		516 ^b

SNOW

DRAINAGE BASIN and/or SNOW COURSE	THIS YEAR			PAST RECORD	
	Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Last Year	Average †
Buck Flat	12/30	41	11.7	19.0	6.7 ^b
Buckboard Flat	12/19	31	5.9	5.9	7.1 ^b
Camp Jackson	12/19	35	8.0	8.3	6.6 ^b
Dills Camp	12/30	32	8.4	12.8	5.2 ^b
Dry Valley Divide Alternate	12/26	30	2.4	10.5	6.7 ^b
Huntington-Horseshoe	12/29	42	13.2	25.2	7.8 ^b
Indian Canyon	12/28	35	8.0	8.9	5.3
LaSal Mtn. Upper	12/20	32	5.4	9.6	6.9 ^b
Mammoth-Cottonwood R.S.	12/29	50	14.8	22.6	8.1

SNOW

DRAINAGE BASIN and/or SNOW COURSE	THIS YEAR			PAST RECORD	
	Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Last Year	Average †
Monticello City Park	12/21	10	2.0	2.8	1.8 ^b
Mud Creek	12/29	35	8.4	14.3	5.7
Red Pine Ridge	12/30	41	11.2	18.8	6.7 ^b
Seeley Creek	12/30	40	13.1	21.7	4.6 ^b
Stuart R.S.	12/29	24	6.2	11.1	3.1 ^b
Upper Joe's Valley	12/30	34	8.6	12.1	4.2 ^b
White River #1	12/26	31	7.6	13.6	5.3 ^b
White River #3	12/26	21	5.1	8.8	3.7 ^b
Wrigley Creek	12/30	30	7.4	10.6	4.3 ^b

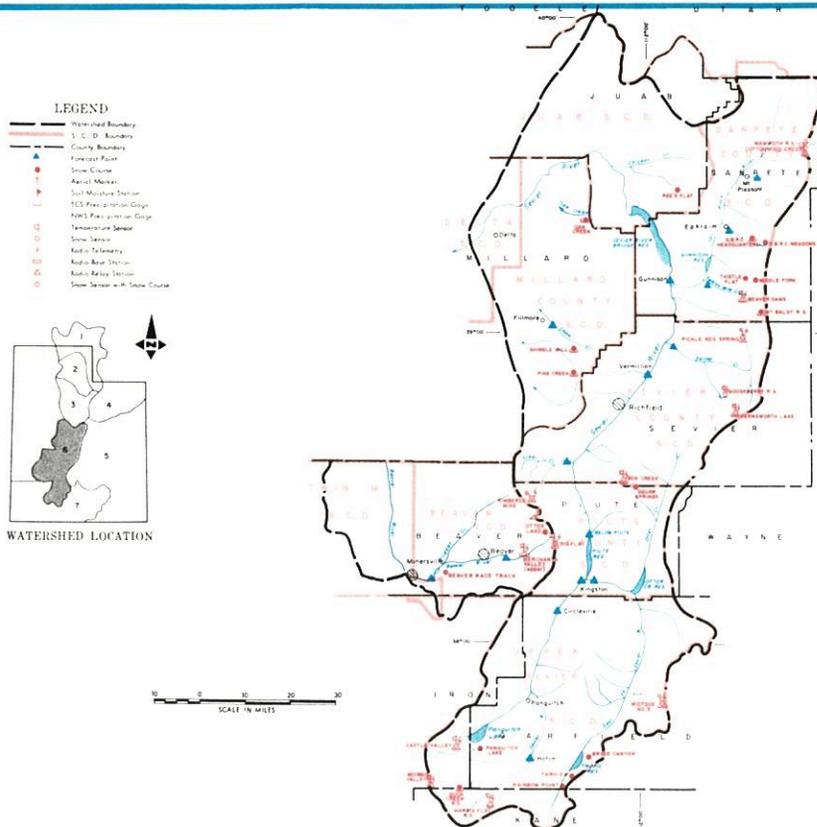
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WATER SUPPLY OUTLOOK

SEVIER RIVER BASIN including BEAVER RIVER in UTAH

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



JANUARY 1, 1985

THE WATER SUPPLY OUTLOOK IS ABOVE AVERAGE TO WELL ABOVE AVERAGE

SNOW COVER ranges from 142% of the January 1 average on the Lower Sevier to 226% on the South Fork. Beaver River is 159%, East Fork Sevier 146%, and 111% on Chalk Creek above Fillmore. Oak Creek is 128%, Chicken Creek 150% and Salt Creek 154% of the January 1 average.

PRECIPITATION at mountain stations for the October-December period has ranged from about 135 to 185% of average.

SOIL MOISTURE is above average.

RESERVOIR STORAGE is above average and 85% of useable capacity.

STREAMFLOW FORECASTS range from 122% of the April-July average for Chalk Creek near Fillmore to 720% for Sigurd to Gunnison.

The Sevier is forecast as follows: Hatch 134%, Circleville 171%, Kingston 160%, East Fork 166% and Gunnison 429% of average. Clear Creek is forecast 138%, Antimony 136% and Salina Creek 160%.

Beaver River is forecast 140%, North Creeks 143% and Minersville Inflow 140%.

Chicken Creek is forecast 129%, Oak Creek 125%, Salt Creek 142%, Ephriam Creek 154% and Pleasant Creek 157%.

SEVIER RIVER BASIN INCLUDING BEAVER RIVER IN UTAH

STREAMFLOW FORECASTS

BASIN, STREAM and/or FORECAST POINT	THIS YEAR		FORECAST PERIOD	PAST RECORD	
	FORECAST *			THOUSAND ACRE FEET	
	Thousand Acre Feet	Percent of Average		Last Year †	Average ‡
SEVIER RIVER					
Sevier at Hatch	64	134	Apr-July		48
Sevier nr Circleville	54	171	Apr-July		38
Sevier nr Kingston	46	160	Apr-July		28
Antimony Crk nr Antimony	14.0	136	Apr-July		10.3
East Fork Sevier nr Kingston/	28	148	Apr-July		18.9
Sevier below Piute Dam	75	166	Apr-July		45
Clear Crk nr Sevier (abv Div)	26	138	Apr-July		18.9
Sigurd to Gunnison	190	720	Apr-July		26
Kingston to Vermillion Dam	70	156	Apr-June		45
Vermillion Dam to Gunnison	195	551	Apr-June		25
Salina Creek at Salina	19.0	160	Apr-June		11.9
Sevier nr Gunnison	230	429	Apr-July		54
Chalk Creek nr Fillmore	20	122	Apr-July		16.4 ^b
Chicken Creek nr Levan	4.5	129	Apr-July		3.5 ^b
Oak Cr. nr Oak City	2.0	125	Apr-July		1.6 ^b
Ephraim Creek nr Ephraim	23	154	Apr-July		14.9
Pleasant Crk nr Mt. Pleasant	13.5	157	Apr-July		8.6
Salt Creek nr. Nephi	19.1	142	Apr-July		13.5
Beaver nr Beaver	32	140	Apr-July		23
North Creek (Combined)	21	143	Apr-July		14.6 ^a
Minersville Inflow	12.5	140	Apr-June		8.9

SUMMARY of SNOW MEASUREMENTS (COMPARISON WITH PREVIOUS YEARS)

RIVER BASIN and/or SUBWATERSHED	Number of Courses Averaged	THIS YEAR AS A PERCENT OF	
		Last Year	Average ‡
UPPER SEVIER RIVER			
East Fork Sevier	4	71	146
South Fork Sevier	6	144	226
LOWER SEVIER	12	55	142
BEAVER RIVER	3	56	159

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RESERVOIR STORAGE (Thousand Acre Feet)

BASIN OR STREAM	RESERVOIR	Usable Capacity	USEABLE STORAGE		
			This Year	Last Year	Average ‡
SEVIER RIVER	Gunnison	18.2	15.8	15.0	9.5 ^b
	Otter Creek	52.5	49.3	50.3	23.8
	Piute	71.8	59.1	69.2	29.3
	Sevier Bridge	236.0	201.4	229.0	87.0
	Panguitch Lake	22.3			
BEAVER RIVER	Minersville (Rky Fd)	26.0	22.2	23.8	9.3

PEAK FLOWS^e

FORECAST POINT	PEAK FLOW (SECOND FEET)	
	Forecast Range	Average ‡
Beaver River nr Beaver	To Begin Feb. 1	257
Sevier River at Hatch		484
Sevier River nr Kingston		312
Clear Creek nr Sevier		226
Salina Creek nr Salina		285

SNOW

DRAINAGE BASIN and/or SNOW COURSE	THIS YEAR			PAST RECORD	
	Date of Survey	Snow Depth (inches)	Water Content (inches)	Water Content (inches)	
				Last Year	Average ‡
Big Flat	1/3	40	10.9	19.7	6.6 ^b
Bryce Canyon	1/2	19	2.7	2.8	2.0
Castle Valley	1/3	34	9.2	9.9	6.0 ^b
Duck Creek	1/2	39	9.2	7.7	5.1
Farnsworth Lake	1/2	41	10.4	16.8	7.9
Gooseberry R.S.	1/2	29	6.7	10.7	5.2
Harris Flat	1/2	31	7.5	5.1	3.2
Kimberly Mine	1/3	34	9.3	13.7	6.0

SNOW

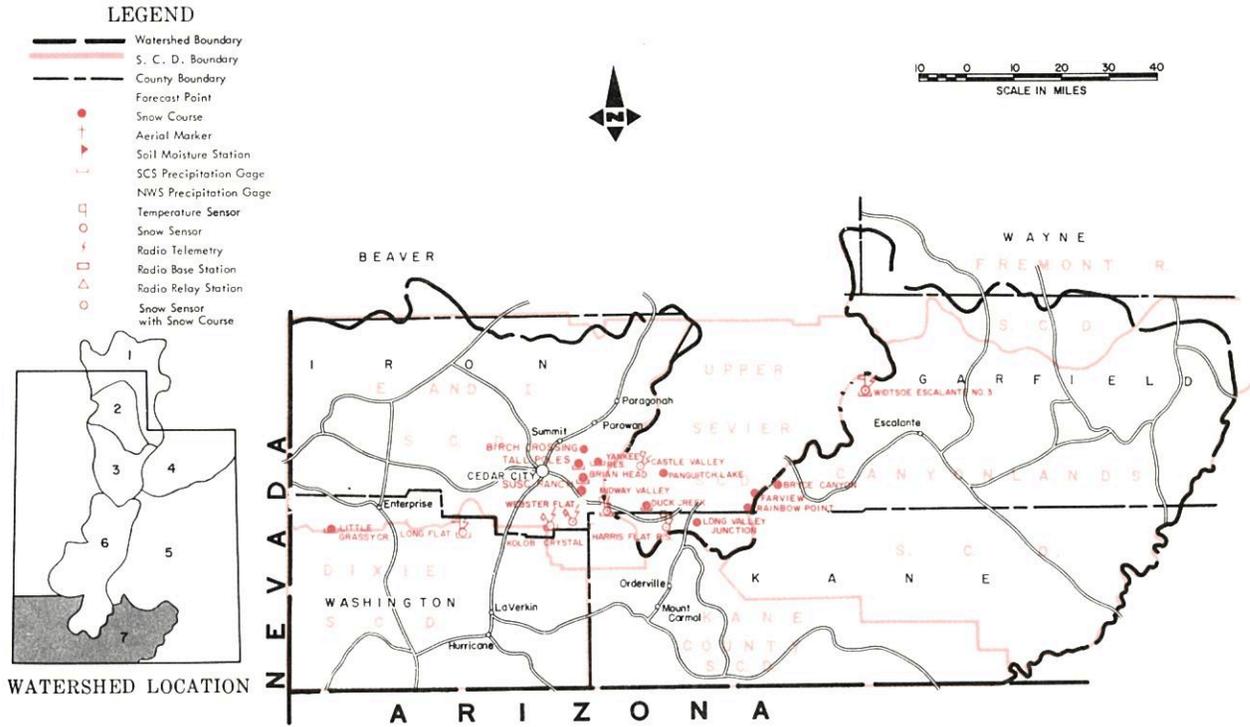
DRAINAGE BASIN and/or SNOW COURSE	THIS YEAR			PAST RECORD	
	Date of Survey	Snow Depth (inches)	Water Content (inches)	Water Content (inches)	
				Last Year	Average ‡
Long Valley Junction	1/2	27	6.7	3.8	1.9 ^b
Merchants Valley Upper	1/3	31	7.9	13.9	5.2 ^b
Midway Valley	1/2	56	15.3	12.1	8.3
Oak Creek	1/4	25	6.4	12.4	5.0 ^b
Otter Lake	1/3	31	8.1	14.8	5.1 ^b
Pickle Keg Springs	12/30	32	8.7	17.1	6.1 ^b
Pine Creek	1/3	32	9.1	18.7	6.8 ^b
Widtsoe-Escalante #3	1/2	32	7.3	8.1	5.0

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WATER SUPPLY OUTLOOK

EAST GARFIELD, KANE, WASHINGTON and IRON COUNTIES in UTAH



JANUARY 1, 1985

THE WATER SUPPLY OUTLOOK IS NEAR AVERAGE

SNOW COVER ranges from 146% of the January 1 average on Escalante River to 236% on Enterprise-New Harmony drainages. Coal Creek is 181%, Virgin River 193% and Parowan Creek 137% of the January 1 average. Escalante and Parowan have less snow water content than a year ago but Coal Creek and Virgin River have 28 to 41% more and Enterprise-New Harmony area has better than 3 times last year with much more snow at the lower elevations, around 6,000 feet, than last year.

PRECIPITATION at mountain stations ranged from 150 to 250% of average for the October-December period.

SOIL MOISTURE is above average over most of the higher watersheds of the area.

RESERVOIR STORAGE has not been reported for Enterprise and other small reservoirs of the area.

STREAMFLOW FORECASTS range from 113% of average on Santa Clara Creek to 154% for Lake Powell Inflow. Virgin River is forecast 119% of average and Coal Creek 120%.

EAST GARFIELD, KANE, WASHINGTON AND IRON COUNTIES IN UTAH

STREAMFLOW FORECASTS

BASIN, STREAM and/or FORECAST POINT	THIS YEAR		FORECAST PERIOD	PAST RECORD	
	FORECAST * Thousand Acre Feet	Percent of Average		THOUSAND ACRE FEET Last Year †	Average †
VIRGIN RIVER					
Virgin nr Hurricane	57	119	Apr-June		63
Santa Clara nr Pine Valley	6.0	113	Apr-June		5.3
COAL CREEK					
Coal Creek nr Cedar City	22	120	Apr-July		18.1
UPPER COLORADO					
Lake Powell Inflow	11500	154	Apr-July		7462

SUMMARY of SNOW MEASUREMENTS (COMPARISON WITH PREVIOUS YEARS)

RIVER BASIN and/or SUB-WATERSHED	Number of Courses Averaged	THIS YEAR AS A PERCENT OF	
		Last Year	Average †
COAL CREEK	3	128	181
VIRGIN RIVER	4	141	193
PAROWAN CREEK	4	84	137
ENTERPRISE - NEW HARMONY	2	318	236
ESCALANTE RIVER	1	90	146

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RESERVOIR STORAGE (Thousand Acre Foot)

BASIN OR STREAM	RESERVOIR	Usable Capacity	USABLE STORAGE		
			This Year	Last Year	Average †
COLORADO	Lake Powell	25002.0	22605.0	22700.0	--
	Blue Mesa	829.5	664.6	598.0	--

PEAK FLOWS^e

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

SNOW

DRAINAGE BASIN and/or SNOW COURSE	THIS YEAR			PAST RECORD	
	Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Water Content (Inches) Last Year	Average †
Birch Crossing	12/26	18	3.7	6.0	3.3 ^b
Brian Head	1/3	46	12.8	13.4	8.7
Harris Flat	1/2	31	7.5	5.1	3.2
Kolob-Crystal	1/3	53	14.6	10.1	8.3 ^a
Little Grassy	1/3	20	5.6	0.1	1.2 ^b
Long Flat	1/3	18	4.6	3.1	2.6 ^b

SNOW

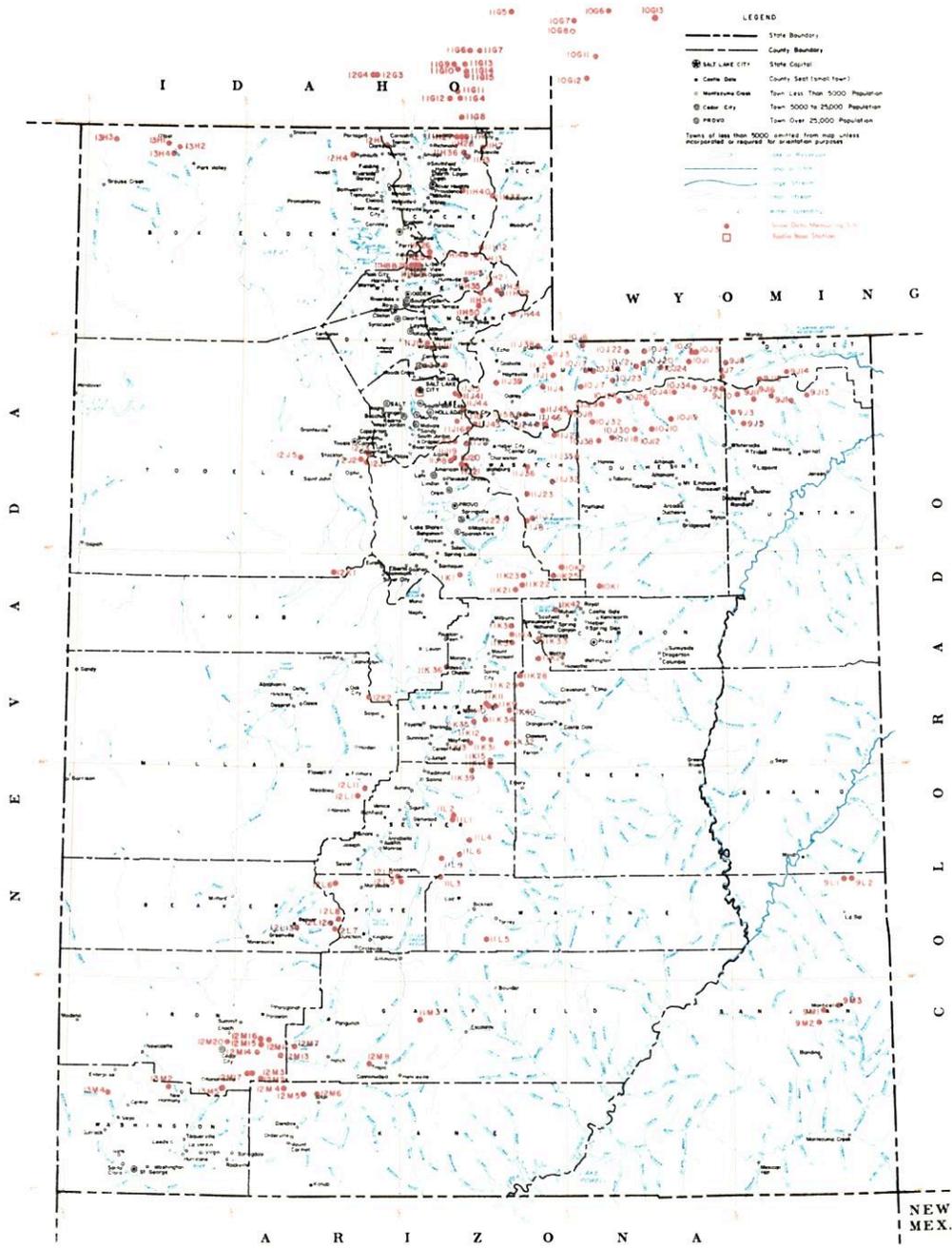
DRAINAGE BASIN and/or SNOW COURSE	THIS YEAR			PAST RECORD	
	Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Water Content (Inches) Last Year	Average †
Long Valley Junction	1/2	27	6.7	3.8	1.9
SUSC Ranch	12/26	26	5.8	5.2	3.4 ^b
Tall Poles	12/26	33	8.6	9.0	6.0 ^b
Webster Flat	1/3	44	11.7	8.2	6.4
Yankee Reservoir	1/3	21	5.3	7.6	4.1 ^b

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 USDA - SCS
 SALT LAKE CITY, UTAH
 PERMIT NO. G -267

COMBINATION MAP NO. 1144 (1983) M/FOLIO 2327



SNOW COURSES AND RELATED
DATA MEASURING SITES
UTAH

1983



ALBERS EQUAL AREA PROJECTION

UTS1 (not used) Area: 11,200,000 sq. ft.
Scale: 1 inch = 100 miles (1:6,300,000)
The North Arrow indicates True North.

INDEX TO UTAH, BEAR & UPPER COLORADO RIVER BASINS

GREAT BASIN DRAINAGE

Number	Name	State	Section	Township	Range	Elevation	Number	Name	State	Section	Township	Range	Elevation	Number	Name	State	Section	Township	Range	Elevation	
10C11	UPPER BEAR RIVER (above Harer, Idaho)	W	7	27N	117W	8,700	1212	JORDAN RIVER & GREAT SALT LAKE	U	24	45	4W	6,450	1041ab	DUCHESE RIVER	U	13	47N	4W	10,840	
10A6P	Big Park	W	19	3N	10E	7,900	1215P	Beaver Cabin	U	11	45	7W	9,250	10230PST	Atwood Lake	U	8	27N	6W	10,600	
10A7P	Lewis-Miller Ranch	W	19	3N	10E	7,900	1216P	Deseret Peak	U	11	45	7W	9,250	10231PST	Brown Dick Ridge	U	8	27N	6W	10,600	
10A8P	Madison Fork	W	25	1N	9E	9,400	1217P	Middle Canyon No. 2	U	4	45	3W	7,000	11122MPS1	Garrett Creek	U	26	15	11W	8,000	
10C17PST	Kelly Ranger Station	W	13	26N	118W	8,200	11144	Middle Canyon	U	25	15	2E	6,950	11123MPS1	Daniel-Strawberry Summit	U	20	25	12W	8,000	
10C18P	Lily Lake	W	34	2N	11E	8,950	11110	Middle Canyon	U	18	25	3E	7,400	11124PST	East Fork	U	36	75	6E	7,560	
10C19P	Popon Meaton, R. S.	W	29	30N	116W	8,500	11116P	Middle Canyon	U	35	25	3E	8,725	1041PST	Inman Canyon	U	2	11S	10E	9,100	
10C26	Salt River Summit x	W	32	29N	118W	7,900	11142	Silver Lake (Brighton)	U	35	25	3E	9,700	10119P	Jackson Park	U	25	3N	4W	10,600	
10C27P	Shiloh Ranch	W	32	29N	118W	7,900	1241PST	Snow Bird (Gard Valley)	U	18	105	5W	7,500	10120P	Kidney Lake	U	28	5N	3W	11,000	
10C28P	Shiloh Camp	W	32	29N	118W	8,250			U	18	105	5W	7,500	10121PST	Laurel Mountain	U	28	5N	3W	11,000	
11H370S1	LOWER BEAR RIVER (below Harer, Idaho)	U	18	11N	4E	7,950	124PST	UPPER SEVIER RIVER (South of Richfield, Utah)	U	10112	24	2N	4W	8,400	10122PST	Lakefork Mountain No. 3	U	28	24	4W	10,200
11G11	Big Lake	U	27	13S	41E	5,600	1248	Box Creek	U	33	26S	2W	9,300	10123PST	Lakefork Mountain	U	28	24	4W	10,200	
11G12	Christensen Ranch	U	18	13S	41E	5,600	1248PST	Byers Canyon	U	36	26S	2W	9,300	10124PST	Madison Mountain	U	33	24	4W	9,500	
11G13	Christensen Ranch	U	18	13S	41E	5,600	1248PST	Cattle Valley	U	33	26S	2W	9,300	10125PST	Madison Mountain	U	33	24	4W	9,500	
11G14	Dry Basin	U	30	15S	41E	5,400	1249PST	Harris Flat, R. S.	U	24	38S	7W	7,700	10126PST	Parashow Park	U	7	3N	1E	10,100	
12G4	Dry Creek Flat	U	31	13S	37E	6,350	11110P	High Top Mountain	U	11	400	1E	11,400	1118PST	Rock Creek	U	21	2N	7W	7,900	
12G5	Empingham Canyon	U	24	12S	47E	6,500	1249PST	High Top Mountain	U	11	400	1E	11,400	1119PST	Strawberry Divide	U	2	4S	12W	8,100	
11G15PST	Empingham Canyon (mouth)	U	24	12S	47E	6,500	1249PST	High Top Mountain	U	11	400	1E	11,400	1119PST	Strawberry Divide	U	2	4S	12W	8,100	
11G16MPS1	Franklin Basin	U	34 & 35	14N	4E	7,800	1249PST	Parashow Park	U	4 & 5	36S	7W	8,200	11135P	West Fork of the Duchesne	U	22	1N	11W	9,480	
11G17MP	Garden City Summit	U	31	13S	42E	8,000	12L5	Snow Springs	U	3	27S	2W	9,300								
11G18P	Horsehoe Bend	U	10	14N	4E	7,800			U												
11G19P	Kandake Narrows	U	10	14N	4E	8,200	11K138PST	LOWER SEVIER RIVER (including San Pitch River)	U	11K42P											
11G20P	Liberly Springs	U	17	13S	42E	8,200	11K139PST	Beaver Dam	U	32	19S	3E	8,600	11K43P	Div Valley Divide Alternate	U	14	13S	7E	8,100	
11G21P	Little Bear (upper)	U	22	8N	1E	6,500	11K11P	Exmouth Lake	U	24	19S	3E	9,600	11K43MPS1	White River No. 1	U	11	10S	8E	8,550	
11G22P	Oxford Mountain	U	32	13S	37E	6,800	11K11P	G. B. R. C. Headquarters	U	21	17S	4E	8,700	11K42	White River No. 3	U	30	10S	8E	7,400	
11G23	Slag Creek Divide	U	17	14S	42E	6,500	11K10P	G. B. R. C. Headquarters	U	27	17S	4E	10,000								
11G24	Step Hollow No. 1	U	17	14S	42E	6,500	11K10P	G. B. R. C. Headquarters	U	27	17S	4E	10,000								
11G25	Step Hollow No. 2	U	17	14S	42E	6,500	11K10P	G. B. R. C. Headquarters	U	27	17S	4E	10,000								
11G26	Strawberry Creek	U	9	14N	3E	7,700	11K13MPS1	Mammouth R. S., Cottonwood Creek	U	13	13S	5E	8,800	11K131PST	SAN RAFAEL RIVER	U	33	19S	4E	9,400	
11G27	Strawberry Creek	U	9	14N	3E	7,700	11K134	Mammouth R. S., Cottonwood Creek	U	13	13S	5E	8,800	11K4	Black Elm	U	25	13S	5E	8,700	
11G28	Strawberry Creek	U	9	14N	3E	7,700	11K134	Mammouth R. S., Cottonwood Creek	U	13	13S	5E	8,800	11K4	Black Elm	U	25	13S	5E	8,700	
11G29	Strawberry Fork Divide	U	9	14N	3E	7,700	11K134	Mammouth R. S., Cottonwood Creek	U	13	13S	5E	8,800	11K4	Black Elm	U	25	13S	5E	8,700	
11G30PST	Tommy Grove Ranger Station	U	11	13N	3E	8,400	11K32P	Middle Fork	U	16	18S	4E	9,600	11K4	Black Elm	U	25	13S	5E	8,700	
11G31PST	Tommy Grove Ranger Station	U	11	13N	3E	8,400	11K32P	Middle Fork	U	16	18S	4E	9,600	11K4	Black Elm	U	25	13S	5E	8,700	
11G32P	Willow Flat	U	2	15S	41E	6,100	12L19S	Old Body R. S.	U	19	19S	3E	7,500	11K43PST	Goodberry Reservoir	U	12	14S	5E	9,600	
13H2a	Clear Creek Meadows	U	26	14N	14W	9,050	12L19S	Pine Creek	U	24	22S	4W	8,700	11K427P	Orange Dixon	U	31	17S	6E	7,200	
13H3a	Clear Creek Meadows	U	17	14N	14W	7,330	12L19S	Pine Creek	U	24	22S	4W	8,700	11K427P	Orange Dixon	U	31	17S	6E	7,200	
13H3b	Clear Creek Meadows	U	17	14N	14W	7,330	12L19S	Pine Creek	U	24	22S	4W	8,700	11K427P	Orange Dixon	U	31	17S	6E	7,200	
13H3c	Clear Creek Meadows	U	17	14N	14W	7,330	12L19S	Pine Creek	U	24	22S	4W	8,700	11K427P	Orange Dixon	U	31	17S	6E	7,200	
13H3d	Clear Creek Meadows	U	17	14N	14W	7,330	12L19S	Pine Creek	U	24	22S	4W	8,700	11K427P	Orange Dixon	U	31	17S	6E	7,200	
13H3e	Clear Creek Meadows	U	17	14N	14W	7,330	12L19S	Pine Creek	U	24	22S	4W	8,700	11K427P	Orange Dixon	U	31	17S	6E	7,200	
13H3f	Clear Creek Meadows	U	17	14N	14W	7,330	12L19S	Pine Creek	U	24	22S	4W	8,700	11K427P	Orange Dixon	U	31	17S	6E	7,200	
13H3g	Clear Creek Meadows	U	17	14N	14W	7,330	12L19S	Pine Creek	U	24	22S	4W	8,700	11K427P	Orange Dixon	U	31	17S	6E	7,200	
13H3h	Clear Creek Meadows	U	17	14N	14W	7,330	12L19S	Pine Creek	U	24	22S	4W	8,700	11K427P	Orange Dixon	U	31	17S	6E	7,200	
13H3i	Clear Creek Meadows	U	17	14N	14W	7,330	12L19S	Pine Creek	U	24	22S	4W	8,700	11K427P	Orange Dixon	U	31	17S	6E	7,200	
13H3j	Clear Creek Meadows	U	17	14N	14W	7,330	12L19S	Pine Creek	U	24	22S	4W	8,700	11K427P	Orange Dixon	U	31	17S	6E	7,200	
13H3k	Clear Creek Meadows	U	17	14N	14W	7,330	12L19S	Pine Creek	U	24	22S	4W	8,700	11K427P	Orange Dixon	U	31	17S	6E	7,200	
13H3l	Clear Creek Meadows	U	17	14N	14W	7,330	12L19S	Pine Creek	U	24	22S	4W	8,700	11K427P	Orange Dixon	U	31	17S	6E	7,200	
13H3m	Clear Creek Meadows	U	17	14N	14W	7,330	12L19S	Pine Creek	U	24	22S	4W	8,700	11K427P	Orange Dixon	U	31	17S	6E	7,200	
13H3n	Clear Creek Meadows	U	17	14N	14W	7,330	12L19S	Pine Creek	U	24	22S	4W	8,700	11K427P	Orange Dixon	U	31	17S	6E	7,200	
13H3o	Clear Creek Meadows	U	17	14N	14W	7,330	12L19S	Pine Creek	U	24	22S	4W	8,700	11K427P	Orange Dixon	U	31	17S	6E	7,200	
13H3p	Clear Creek Meadows	U	17	14N	14W	7,330	12L19S	Pine Creek	U	24	22S	4W	8,700	11K427P	Orange Dixon	U	31	17S	6E	7,200	
13H3q	Clear Creek Meadows	U	17	14N	14W	7,330	12L19S	Pine Creek	U	24	22S	4W	8,700	11K427P	Orange Dixon	U	31	17S	6E	7,200	
13H3r	Clear Creek Meadows	U	17	14N	14W	7,330	12L19S	Pine Creek	U	24	22S	4W	8,700	11K427P	Orange Dixon	U	31	17S	6E	7,200	
13H3s	Clear Creek Meadows	U	17	14N	14W	7,330	12L19S	Pine Creek	U	24	22S	4W	8,700	11K427P	Orange Dixon	U	31	17S	6E	7,200	
13H3t	Clear Creek Meadows	U	17	14N	14W	7,330	12L19S	Pine Creek	U	24	22S	4W	8,700	11K427P	Orange Dixon	U	31	17S	6E	7,200	
13H3u	Clear Creek Meadows	U	17	14N	14W	7,330	12L19S	Pine Creek	U	24	22S	4W	8,700	11K427P	Orange Dixon	U	31	17S	6E	7,200	
13H3v	Clear Creek Meadows	U	17	14N	14W	7,330	12L19S	Pine Creek	U	24	22S	4W	8,700	11K427P	Orange Dixon	U	31	17S	6E	7,200	
13H3w	Clear Creek Meadows	U	17	14N	14W	7,330	12L19S	Pine Creek	U	24	22S	4W	8,700	11K427P	Orange Dixon	U	31	17S	6E	7,200	
13H3x	Clear Creek Meadows	U	17	14N	14W	7,330	12L19S	Pine Creek	U	24	22S	4W	8,700	11K427P	Orange Dixon	U	31	17S	6E	7,200	
13H3y	Clear Creek Meadows	U	17	14N	14W	7,330	12L19S	Pine Creek	U	24	22S	4W	8,700	11K427P	Orange Dixon	U	31	17S	6E	7,200	



United States
Department of
Agriculture

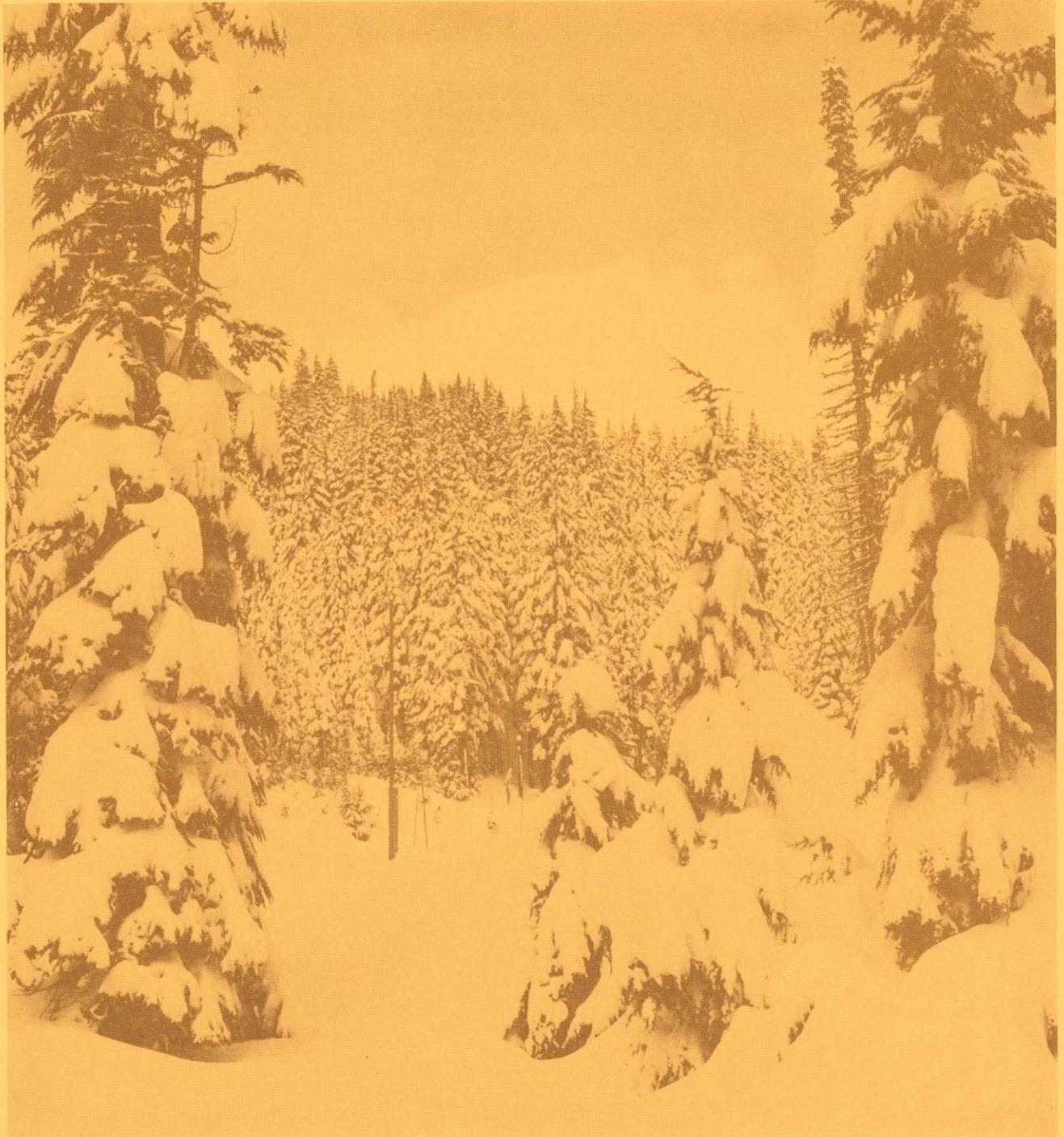
Soil
Conservation
Service

Salt Lake City
Utah



WATER SUPPLY OUTLOOK FOR UTAH

in Cooperation with Utah State Department
of Natural Resources



FEBRUARY 1, 1985

WATER SUPPLY OUTLOOK FOR UTAH

**and
FEDERAL-STATE-PRIVATE COOPERATIVE SNOW SURVEYS**

Issued by

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



Released by

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

In Cooperation with

UTAH STATE DEPARTMENT OF NATURAL RESOURCES	
DEE C. HANSEN	DANIEL F. LAWRENCE
State Engineer	Director
Division of Water Rights	Division of Water Resources



Report prepared by Snow Survey Staff

BOB L. WHALEY, Supervisor

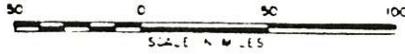
**Soil Conservation Service
125 So. State, Fed. Bldg.
P.O. Box 11350
Salt Lake City, Utah 84147**

PROSPECTIVE WATER SUPPLIES

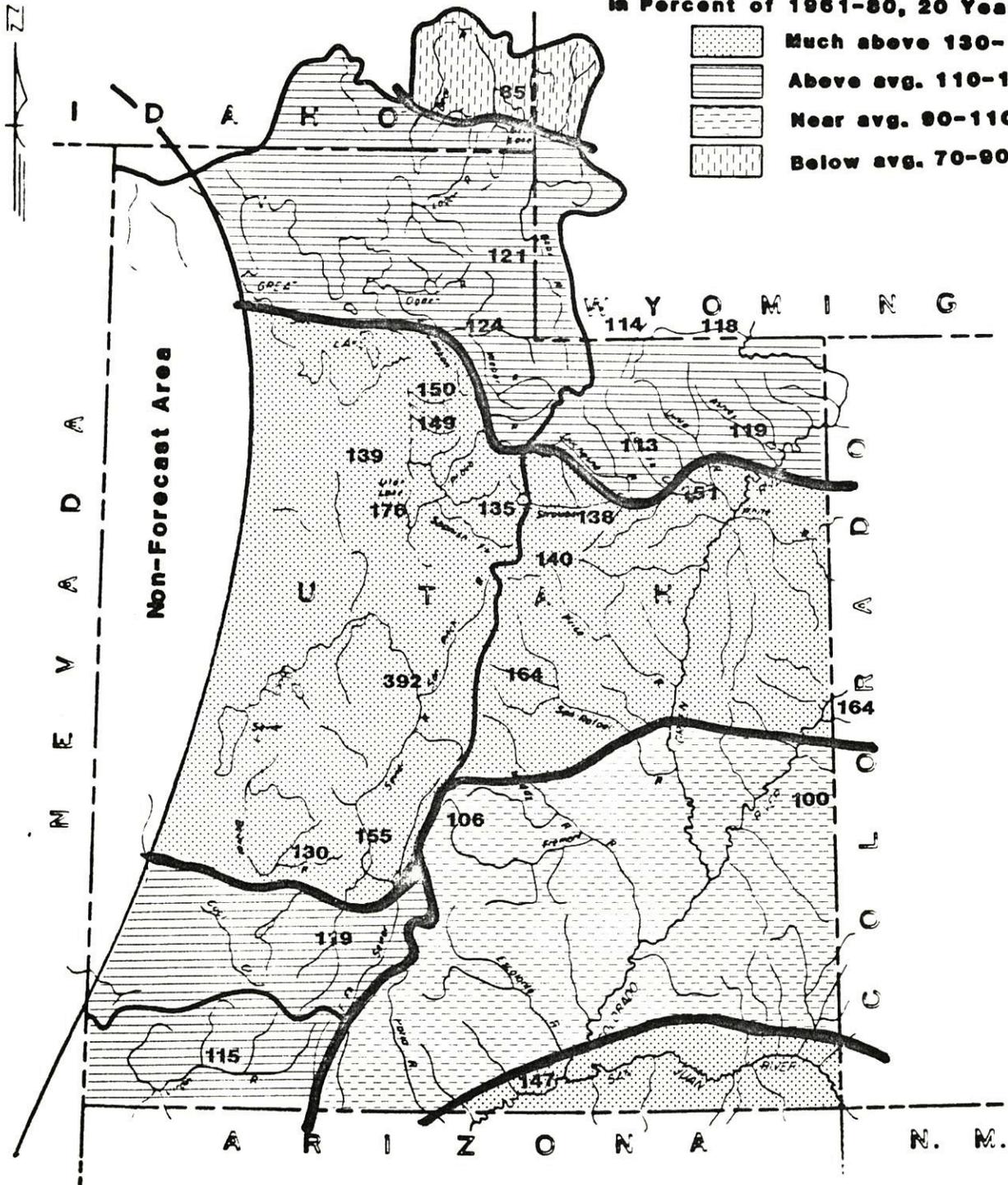
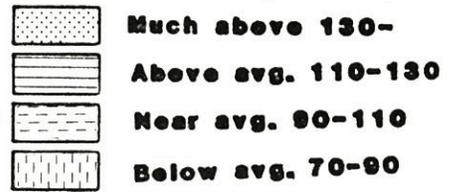
Based on Snow Surveys Made on
UTAH and BEAR RIVER WATERSHEDS

February 1, 1985

Approximate Date



FORECAST STREAM FLOW
In Percent of 1961-80, 20 Year Avg



As of February 1, 1985

* * * * *
* Utah's Water Supply Outlook varies from near average to above *
* average. Snow cover ranges from below average on Sheep Creek *
* to about 1 1/2 times average on the Enterprise-New Harmony *
* area. Mountain precipitation during January was only 12 to 98% *
* of average but watershed soils are wetter than average except *
* in southeastern Utah. Reservoir storage is above average and *
* streamflow forecasts range from a little below average to six *
* times average. *
* * * * *

SNOW COVER

Snow measurements taken about February 1st dropped considerably as a percent of average due to well below average increases during January. Basin snow pack percentages now range from 75% of average on Sheep Creek above Manila to 146% in the southwestern corner of the state.

Bear River is 104% of average, Logan 103%, Ogden 121%, Weber 115%, Salt Lake Front 111%, Tooele Valley 144%, Utah Lake 107%, Strawberry 111%, Lakefork-Yellowstone 121%, Uintah-Whiterocks 125% and Ashley and Black's Fork 102% of the February 1 average.

Snow cover on Price River is 111%, San Rafael 129%, Muddy 97%, Fremont 98%, Escalante 121%, LaSal Mountains 126%, Blue Mountains 102%, Lower Sevier 112%, South Fork Sevier 136%, Beaver 117%, Coal Creek 125%, Enterprise-New Harmony area 146% and Virgin River 130% of the February 1 average.

PRECIPITATION

Mountain precipitation during January was generally well below average. Most areas were 12 to 50% of average with some stations along the headwaters of the Sevier and Virgin as high as 80 to 98% of average.

SOIL MOISTURE

Watershed soils are wetter than average again this year except on the east end of the Uintahs and on the LaSal and Blue Mountains.

RESERVOIR STORAGE

Storage in 26 of Utah's key irrigation reservoirs is now 140% of average and 90% of useable capacity. Some reservoirs have released water during January to make space for spring snow melt runoff. Utah Lake is +2.72 feet above compromise and Great Salt Lake is 4208.90 feet above sea level.

STREAMFLOW FORECASTS

Streamflow forecasts for the snow melt season dropped as a result of a very dry January and now range from about 85% of average for the Bear at Harer to 606% for the Sigurd to Gunnison reach of the Lower Sevier River.

Other forecasts are as follows: Bear near State Line 118%, Logan 114%, Ogden 121%, Weber at Oakley 120%, Provo at Hailstone 123%, Utah Lake Inflow 176%, Parleys Creek 150%, Strawberry Inflow 135%, Lakefork 113%, Ashley Creek 119%, Cottonwood Creek 164%, Sevier at Gunnison 392%, Beaver River 130%, Sevier at Hatch 119%, and Virgin River 115% of average.

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

RESERVOIR STORAGE (Thousand Acre Feet) END OF MONTH

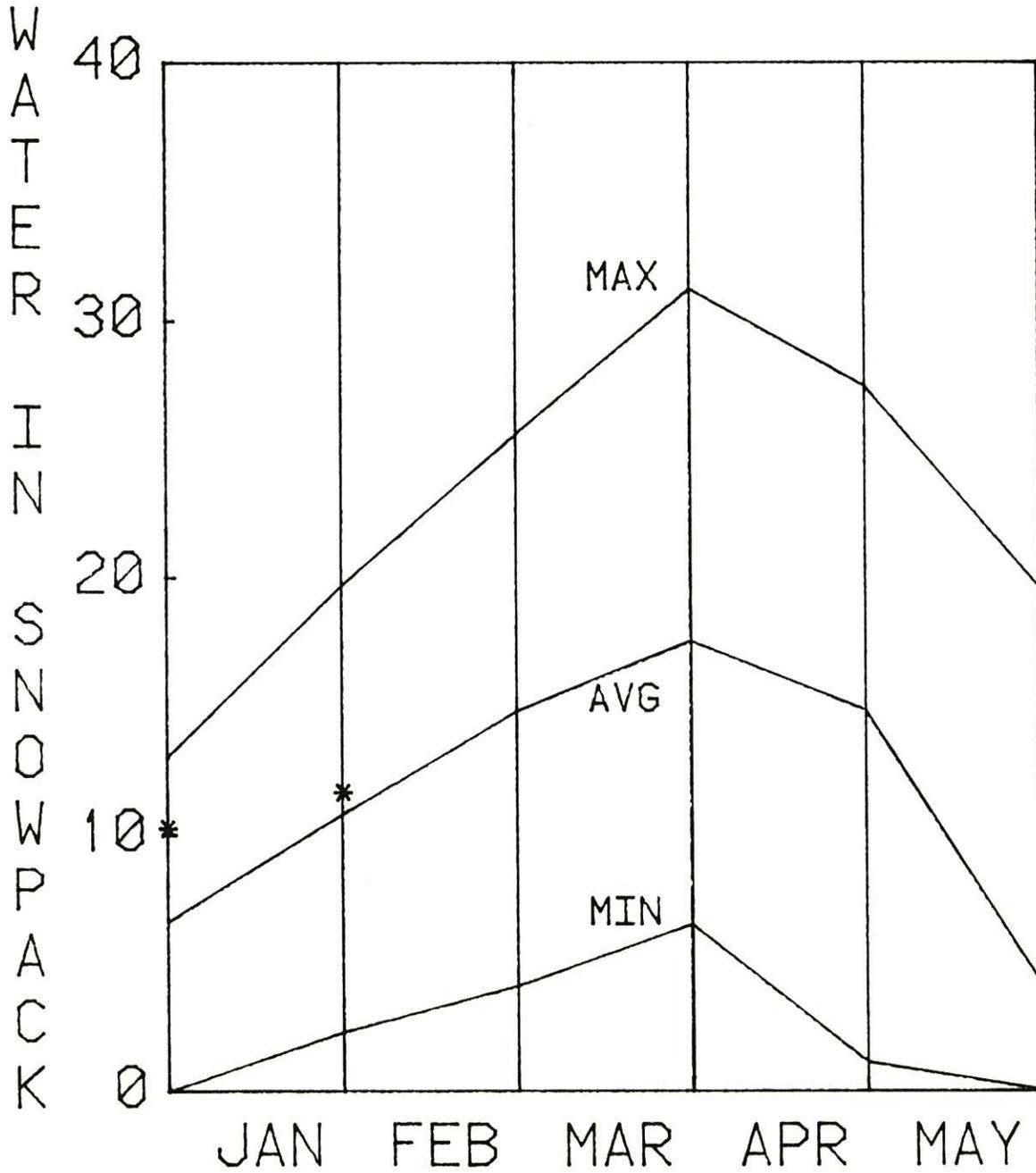
Basin or Stream	RESERVOIR	Usable Capacity	Usable Storage		
			This Year	Last Year	Average†
GREAT BASIN					
<u>Bear River</u>	Bear Lake	1421.0	1077.2	1109.9	970.6
	Woodruff Narrows	57.3	55.5	52.6	--
	Woodruff Creek	4.0	3.4	4.0	--
<u>Beaver River</u>	Minersville (RkyFd)	26.0	22.2	20.6	11.2
<u>Little Bear</u>	Hyrum	15.3	10.3	10.3	10.3
	Porcupine	11.3	3.6	5.2	2.9 ^b
<u>Ogden</u>	Causey	6.9	5.7	0.8	2.2 ^b
	Pineview	110.1	54.8	22.3	49.6 ^b
<u>Provo</u>	Deer Creek	149.7	118.2	124.5	94.3
<u>Settlement Creek</u>	Settlement Creek	1.2	0.0	0.5	0.7 ^b
	Vernon Creek	0.6	0.0	--	0.5 ^b
<u>Sevier River</u>	Gunnison	18.2	15.0	13.0	11.7 ^b
	Otter Creek	52.5	48.2	50.2	27.5
	Piute	71.8	61.9	68.3	36.9
	Sevier Bridge	236.0	210.4	210.1	101.1
	Panguitch Lake	22.3	20.0	20.3	--
<u>Spanish Fork</u>	Strawberry	270.0	271.7	270.0	139.7
<u>Utah Lake</u>	Utah Lake	883.9	1166.6	1246.6	648.6
<u>Weber</u>	East Canyon	48.1	39.0	20.1	34.7 ^b
	Echo	73.9	48.6	14.5	45.8
	Lost Creek	20.0	14.9	5.8	13.1 ^b
	Rockport	60.9	40.4	31.0	31.9
	Willard Bay	193.3	148.2	130.4	138.9 ^b
COLORADO R. BASIN					
<u>Ashley Creek</u>	Steinaker	33.3	30.2	23.9	19.7 ^b
	Red Fleet	26.0	19.0	18.0	--
<u>Colorado</u>	Blue Mesa	829.5	552.5	494.6	--
	Lake Powell	25002.0	21989.0	22013.0	--
<u>Green</u>	Flaming Gorge	3749.0	3190.5	3309.8	--
<u>Lakefork</u>	Moon Lake	35.8	--	--	15.4
<u>Price River</u>	Scotfield	65.8	49.0	48.3	31.3
<u>San Juan</u>	Navajo	1696.0	1463.2	1461.8	--
	Ken's Lake	2.3	0.6	1.7	--
<u>San Rafael</u>	Huntington North	3.9	2.7	2.8	2.3 ^b
	Joe's Valley	54.6	49.5	41.2	43.6 ^b
	Mill Site	16.7	10.1	12.5	3.5 ^b
<u>Strawberry</u>	Starvation	165.3	123.4	92.7	113.0 ^b
	Soldier Creek	951.4	153.4	0.0	--
	Currant Creek	15.5	7.0	--	--
<u>Uintah</u>	Bottle Hollow	11.3	11.1	11.1	10.2

a - Partly estimated

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

+ - 1961-80 20 year average period

BASIN SNOWPACK

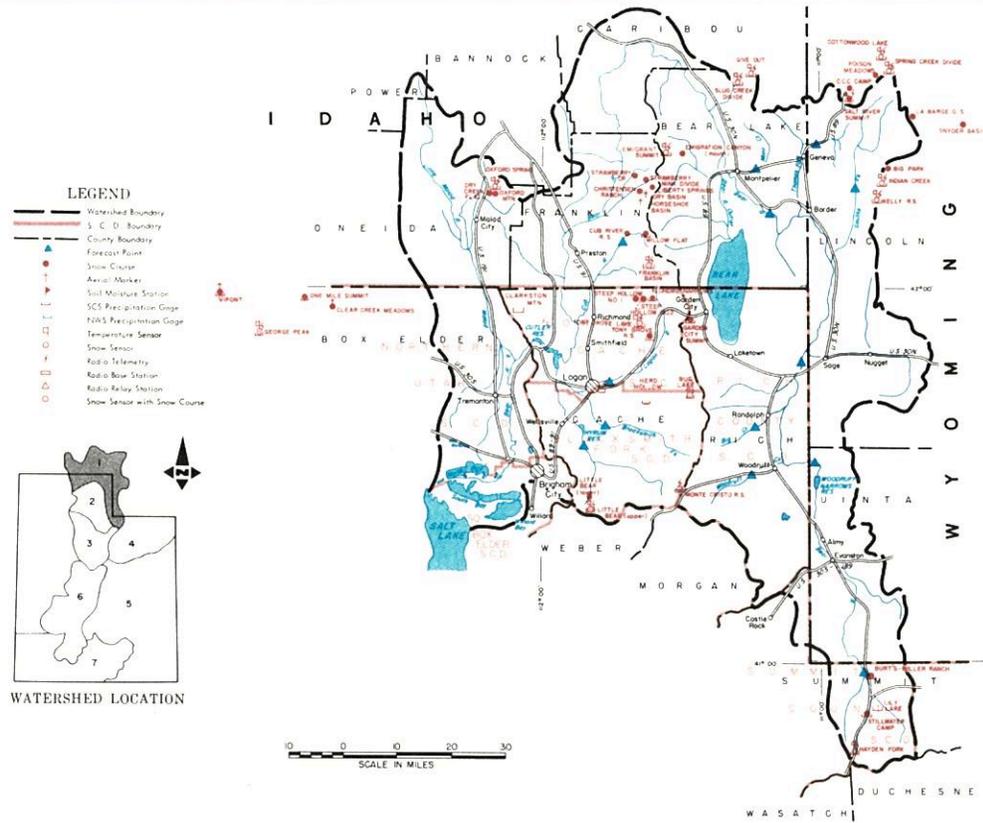


UTAH STATE WIDE

WATER SUPPLY OUTLOOK

BEAR RIVER BASIN in UTAH

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



FEBRUARY 1, 1985

THE WATER SUPPLY OUTLOOK IS ABOVE AVERAGE

SNOW COVER dropped significantly after a dry January and is now 103% of the February 1 average on the Logan River and 104% on the Upper and Lower Bear River. Most snow courses increased only 20 to 50% of the average for January.

PRECIPITATION at mountain stations ranged from 15% of the January average at Klondike Narrows to only 47% at Tony Grove Ranger Station. Monte Cristo January precipitation was only 26% of average.

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

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

STREAMFLOW FORECASTS dropped 12 to 56% of average due to a very dry January and now range from 80% of average for the Smith's Fork to 170% for Big Creek near Randolph. Other forecasts are as follows: Bear near State Line 115%, near Woodruff 128%, near Randolph 128% and Woodruff Creek 121% of the April-July average. Logan River is forecast 114%, Blacksmith Fork 120%, Little Bear 115% and Cub River 91% of average. Smith's Fork is now forecast 84% and Bear at Harer 85% of their April-September average. Peak flows are expected to be in the near average range and should cause few if any problems with normal temperatures and precipitation during the melt season.

USDA-SCS FORT WORTH, TEXAS 1983 M7-OL-22027-1

BEAR RIVER BASIN IN UTAH

STREAMFLOW FORECASTS

BASIN, STREAM and/or FORECAST POINT	THIS YEAR			PAST RECORD	
	FORECAST %		FORECAST PERIOD	THOUSAND ACRE FEET	
	Thousand Acre Feet	Percent of Average		Last Year	Average †
BEAR RIVER					
Bear nr UT-Wyo. State Line	130	118	Apr-July	162	110
Bear nr Woodruff 1/	179	128	Apr-July	270	139
Woodruff Crk nr Woodruff, UT	21	121	Apr-July		17.3
Big Creek nr Randolph, UT	8.5	160	Apr-July		5.3
Bear nr Randolph 1/	141	128	Apr-July		110
Thomas Fork nr ID-WY State Ln	28	80	Apr-Sept		35
Smith's Fork nr Border, WY	100	84	Apr-Sept		119
Bear at Harer, Idaho 1/	264	85	Apr-Sept		310
Logan nr Logan 1/	133	114	Apr-July	212	116
Blacksmith Fork nr Hyrum	61	120	Apr-July	129	51
Little Bear nr Paradise	44	115	Apr-June	97	38
Cub River nr Preston, ID	42	91	Apr-July		52

SUMMARY of SNOW MEASUREMENTS (COMPARISON WITH PREVIOUS YEARS)

RIVER BASIN and/or SUB-WATERSHED	Number of Courses Averaged	THIS YEAR AS A PERCENT OF	
		Last Year	Average †
BEAR RIVER	16	71	104
UPPER BEAR RIVER	5	79	104
LOWER BEAR RIVER	11	69	104
LOGAN RIVER	7	72	103

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

RESERVOIR STORAGE (Thousand Acre Foot)

BASIN OR STREAM	RESERVOIR	Usable Capacity	USEABLE STORAGE		
			This Year	Last Year	Average †
BEAR RIVER	Bear Lake	1421.0	1077.2	1109.9	970.6
	Woodruff Narrows	55.8	55.5	52.6	--
	Woodruff Creek	3.5	3.4	4.0	--
LITTLE BEAR	Hyrum	15.3	10.3	10.3	10.3
	Porcupine	11.3	3.6	5.2	2.9 ^b

PEAK FLOWS ^e

FORECAST POINT	PEAK FLOW (SECOND FEET)	
	Forecast Range	Average †
Bear nr. Ut.-Wyo. Stateline	1450-2195	1506
Woodruff Creek nr Woodruff	264-408	253
Big Creek nr Randolph	68-108	48 ^b
Logan River nr Logan	764-1352	980
Little Bear nr Paradise	412-736	519

SNOW

DRAINAGE BASIN and/or SNOW COURSE	THIS YEAR			PAST RECORD	
	Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Water Content (Inches)	
				Last Year	Average †
Burts-Miller Ranch	1/28	17	4.0	4.1	4.3
Cub River R.S.	1/26	22	5.5	11.7	6.5
Emigrant Summit	1/31	53	14.2	24.0	17.0
Franklin Basin	1/26	51	17.3	22.9	16.6
Garden City Summit	1/26	42	12.6	17.0	11.9
Hayden Fork	1/28	34	10.1	11.3	10.4
Klondike Narrows	1/26	44	14.3	19.5	13.4

SNOW

DRAINAGE BASIN and/or SNOW COURSE	THIS YEAR			PAST RECORD	
	Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Water Content (Inches)	
				Last Year	Average †
Little Bear Lower	1/26	30	9.0	13.2	7.4
Little Bear Upper	1/26	33	10.3	15.7	8.4
Monte Cristo	1/26	51	18.4	24.9	16.2
Salt River Summit	1/29	38	10.0	11.4	11.3
Stillwater Camp	1/28	29	7.5	9.1	7.4
Tony Grove R.S.	1/26	32	9.5	15.8	8.9

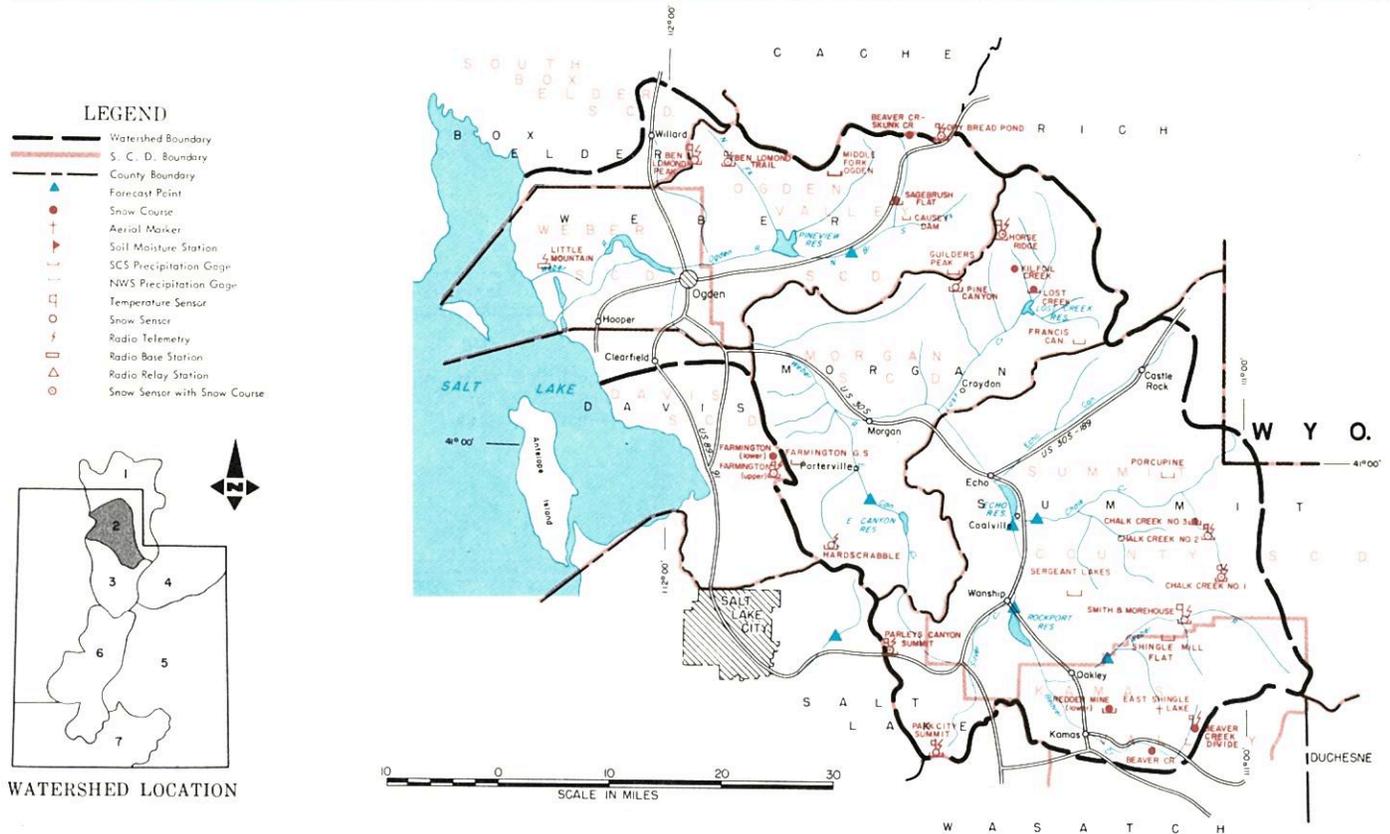
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WATER SUPPLY OUTLOOK

WEBER-OGDEN WATERSHEDS in UTAH

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



February 1, 1985

THE WATER SUPPLY OUTLOOK IS ABOVE AVERAGE

SNOW COVER dropped significantly after a dry January and now ranges from 115% of average on Weber River to 121% on Ogden River. These basins are two-thirds to three-fourths of last years snow water content on February 1st.

PRECIPITATION at mountain stations was only 12 to 45% of average over the basin.

SOIL MOISTURE is well above average again this season.

RESERVOIR STORAGE is above average for February 1 but releases have been made during January to allow more space for spring runoff.

STREAMFLOW FORECASTS dropped after a very dry January and now range from 118% for Farmington Creek to 157% East Canyon Creek. Ogden River is forecast 122% on the South Fork and 121% for Pinview Inflow. Weber River is forecast 120% at Oakley, 123% for Rockport Inflow, 124 at Coalville, 124% for Echo Inflow, and 127% at Gateway. Chalk Creek is forecast at 125%, Lost Creek 139% and Hardscrabble Creek 141% of the April-June average.

Peak flows are expected to be only 20-30% above average this year and should cause few problems if normal temperature and precipitation occur during the snow melt period.

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

WEBER-OGDEN WATERSHEDS IN UTAH

STREAMFLOW FORECASTS

BASIN, STREAM and/or FORECAST POINT	THIS YEAR		FORECAST PERIOD	PAST RECORD	
	FORECAST	FORECAST		THOUSAND ACRE FEET	
	Thousand Acre Feet	Percent of Average		Last Year	Average
WEBER-OGDEN RIVERS					
Weber nr Oakley	122	120	Apr-June	156	102
Rockport Reservoir Inflow 1/	137	123	Apr-June	191	111
Chalk Creek at Coalville	45	125	Apr-June	78	36
Weber nr Coalville 1/	147	124	Apr-June	202	119
Lost Creek nr Croydon, UT 1/	22	139	Apr-June	37	15.6
East Canyon Creek nr Morgan 1/	40	157	Apr-June	63	25
Hardscrabble Crk nr Porterville	26	141	Apr-June	--	18.4
S. Fork Ogden nr Huntsville/	70	122	Apr-June	111	57
Pineview Reservoir Inflow 1/	140	121	Apr-June	309	115
Echo Reservoir Inflow 2/	180	124	Apr-June	235	145
Weber at Gateway 1/	380	127	Apr-June	650	300
JORDAN RIVER & SALT LAKE					
Farmington Crk nr Farmington	9.7	118	Apr-July	--	8.2

SUMMARY of SNOW MEASUREMENTS (COMPARISON WITH PREVIOUS YEARS)

RIVER BASIN and/or SUB-WATERSHED	Number of Courses Averaged	THIS YEAR AS A PERCENT OF	
		Last Year	Average
		OGDEN RIVER	67
WEBER RIVER	75	115	

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

RESERVOIR STORAGE (Thousand Acre Foot)

BASIN OR STREAM	RESERVOIR	Usable Capacity	USEABLE STORAGE		
			This Year	Last Year	Average
OGDEN	Causey	6.9	5.7	0.8	2.2 ^b
	Pineview	110.1	54.8	22.3	49.6 ^b
WEBER	East Canyon	48.1	39.0	20.1	34.7 ^b
	Echo	73.9	48.6	14.5	45.8
	Lost Creek	20.0	14.9	5.8	13.1 ^b
	Rockport	60.9	40.4	31.0	31.9
	Willard Bay	193.3	148.2	130.4	138.9 ^b

PEAK FLOWS ^e

FORECAST POINT	PEAK FLOW (SECOND FEET)	
	Forecast Range	Average
South Fork Ogden nr Huntsville	683-1163	763
Chalk Creek nr Coalville	491-835	510
Weber nr Oakley	1500-2000	1540

SNOW

DRAINAGE BASIN and/or SNOW COURSE	THIS YEAR			PAST RECORD	
	Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Water Content (Inches)	
	NAME			Last Year	Average
Beaver Creek R.S.	1/27	25	6.4	8.6	6.0
Beaver Creek-Skunk Creek	1/26	28	10.7	14.0	8.5
Ben Lomond Peak	1/26	71	27.7 ^a	43.3	23.5
Ben Lomond Trail	1/26	50	16.6	26.4	10.5
Chalk Creek #1	1/28	50	16.3	18.1	14.6
Chalk Creek #2	1/28	38	10.6	11.8	9.5
Chalk Creek #3	1/28	23	6.1	7.8	5.4
Dry Bread Pond	1/26	39	12.9	19.0	12.3
Farmington Upper	1/29	71	23.1	35.0	19.2

SNOW

DRAINAGE BASIN and/or SNOW COURSE	THIS YEAR			PAST RECORD	
	Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Water Content (Inches)	
	NAME			Last Year	Average
Horse Ridge	1/27	47	15.5 ^a	21.8	14.0
Lost Creek Reservoir	1/27	20	4.9	7.9	4.5
Monte Cristo	1/26	51	18.4	24.9	16.2
Parleys Canyon Summit	1/30	50	13.0	20.4	12.3
Sagebrush Flat	1/26	18	4.8	9.1	4.1
Smith & Morehouse	1/28	33	10.5	12.5	8.8
Trial Lake	1/27	51	16.3	19.9	15.9

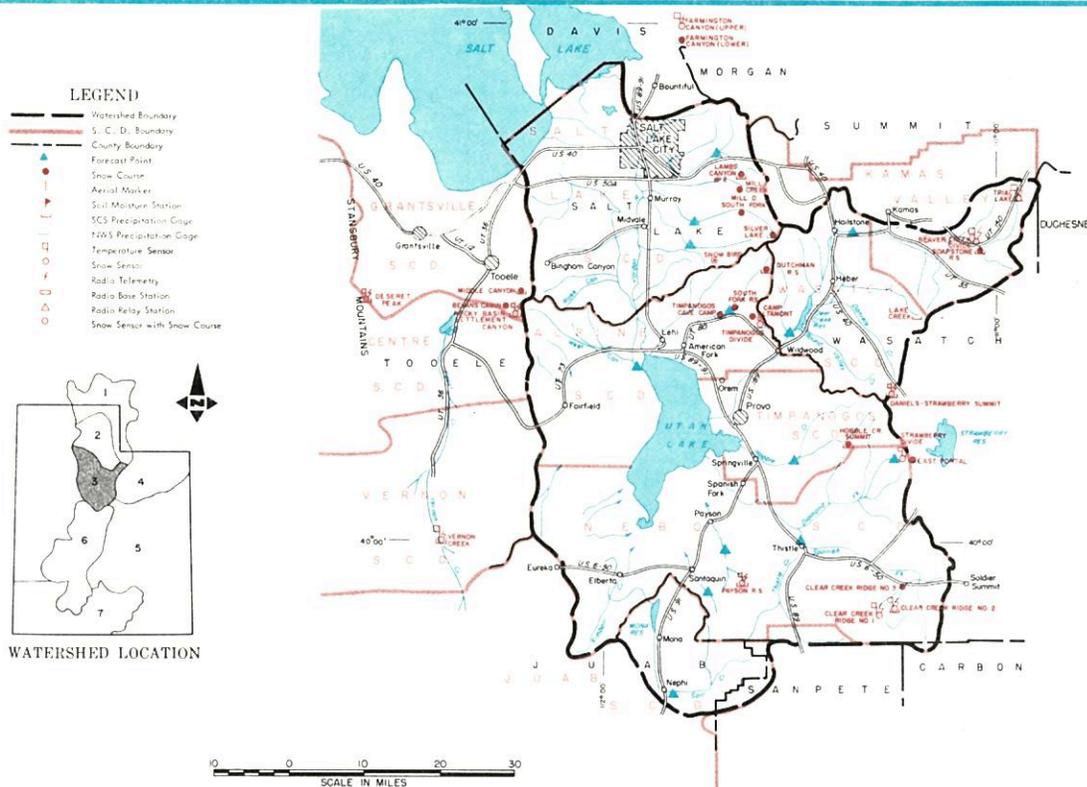
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WATER SUPPLY OUTLOOK

UTAH LAKE, JORDAN RIVER and TOOELE VALLEY WATERSHEDS in UTAH

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



FEBRUARY 1, 1985

THE WATER SUPPLY OUTLOOK IS ABOVE AVERAGE

SNOW COVER dropped 26 to 60 % of average after a very dry January and now ranges from 100% on Provo River to 144% for Vernon Creek. Utah Lake tributaries are 107% and Jordan River-Salt Lake front watersheds 111% of the February 1st average for the 1961-80 average.

PRECIPITATION at mountain stations ranged from 24 to 88% of average during January.

SOIL MOISTURE is still above average.

RESERVOIR STORAGE is above average except in Settlement and Vernon Creek which were drawn down for repairs. Strawberry Dam has been opened to equalize its level with Soldier Creek. Utah Lake is now +2.27 feet above compromise and Great Salt Lake is 4208.90 feet above sea level and still rising slowly.

STREAMFLOW FORECASTS range from 123% of average on both Provo at Hailstone and Little Cottonwood Creek to 176% for Utah Lake Inflow.

Other forecasts are as follows: Provo below Deer Creek Dam 136%, American Fork 132%, Hobblecreek 162%, Strawberry Inflow 135%, Spanish Fork 150%, and Payson Creek 137% of the April-July average. Salt Lake Front streams are forecast from 123% on Little Cottonwood to 152% on Mill Creek. Tooele Valley streams range from 137% on South Willow to 140% on Vernon Creek. Settlement Creek is forecast 139% of the April-July average.

UTAH LAKE, JORDAN RIVER AND TOOELE VALLEY WATERSHEDS IN UTAH

STREAMFLOW FORECASTS

BASIN, STREAM and/or FORECAST POINT	THIS YEAR		FORECAST PERIOD	PAST RECORD	
	FORECAST *			THOUSAND ACRE FEET	
	Thousand Acre Feet	Percent of Average		Last Year †	Average ‡
PROVO RIVER AND UTAH LAKE					
Provo nr Hailstone 1/	130	123	Apr-July	176	106
Provo below Deer Creek Dam/	163	136	Apr-July	--	118
American Fork nr American Fk	41	132	Apr-July	--	31
Hobble Creek nr Springville	28	162	Apr-July	--	18.7
Strawberry Reservoir Inflow	72	135	Apr-July	87	53
Spanish Fork at Thistle	60	150	Apr-July	--	40
Payson Creek nr Payson	8.5	137	Apr-July	--	6.2
Utah Lake Inflow	427	176	Apr-July	--	238
JORDAN RIVER & SALT LAKE					
Little Cottonwood Crk nr SLC	47	123	Apr-July	61	38
Big Cottonwood nr SLC	55	149	Apr-July	59	37
Parley's Creek nr SLC	22	150	Apr-July	38	14.8
Mill Creek nr SLC	9.0	152	Apr-July	14.5	5.8
Emigration Creek nr SLC	5.6	151	Apr-July	11.7	3.7
City Creek nr SLC	10.4	133	Apr-July	18.0	7.7
TOOELE VALLEY					
Settlement Crk nr Tooele	3.2	139	Apr-July	--	2.3
S. Willow Crk nr Grantsville	4.1	137	Apr-July	6.6	3.0
Vernon Creek nr Vernon	1.4	140	Mar-June	3.1	1.0

SUMMARY of SNOW MEASUREMENTS (COMPARISON WITH PREVIOUS YEARS)

RIVER BASIN and/or SUB-WATERSHED	Number of Courses Averaged	THIS YEAR AS A PERCENT OF	
		Last Year	Average †
UTAH LAKE	9	73	107
PROVO RIVER	4	77	100
JORDAN RIVER & SALT LAKE	5	72	111
TOOELE VALLEY & VERNON CREEK	1	76	144

1 - Observed flow corrected for change in storage and diversions
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 * - Forecast in cooperation with National Weather Service

RESERVOIR STORAGE (Thousand Acre Feet)

BASIN OR STREAM	RESERVOIR	Useable Capacity	USEABLE STORAGE		
			This Year	Last Year	Average †
SPANISH FORK	Strawberry	270.0	271.7	270.0	139.7
UTAH LAKE	Utah Lake	883.9	1166.6	1246.6	648.6
	Settlement Creek	1.2	0.0	0.5	0.7 ^b
	Vernon Creek	0.6	0.0	--	0.5 ^b
PROVO	Deer Creek	149.7	118.2	124.5	94.3

PEAK FLOWS^e

FORECAST POINT	PEAK FLOW (SECOND FEET)	
	Forecast Range	Average †
Big Cottonwood nr Salt Lake City	450-600	442
Little Cottonwood nr Salt Lake City	450-600	384
Provo Near Hailstone	1600-2400	2128
Spanish Fork nr Thistle	550-800	451 ^b
American Fork nr American Fork	375-550	329
Mill Creek nr Salt Lake City	60-80	59
Parley's Creek nr Salt Lake City	160-250	153
City Creek nr Salt Lake City	70-100	75
Emigration	60-90	--

SNOW

DRAINAGE BASIN and/or SNOW COURSE	THIS YEAR			PAST RECORD	
	Date of Survey	Snow Depth (inches)	Water Content (inches)	Water Content (inches)	
				Last Year	Average †
NAME					
Bevans Cabin		NOT MEASURED			
Clear Creek #1	1/25	44	13.3	18.7	12.4
Clear Creek #2	1/25	39	11.2	14.9	9.6
Clear Creek #3	1/25	25	6.4	9.0	5.5
Daniels-Strawberry Summit	1/25	41	11.9	14.9	10.1
Deseret Peak		NOT MEASURED			
Hobble Creek Summit	1/25	41	11.9	17.9	9.8
Lambs Canyon #2	1/30	48	14.0	18.1	10.7
Middle Canyon		NOT MEASURED			
Mill Creek	1/29	51	14.8	18.9	15.0

SNOW

DRAINAGE BASIN and/or SNOW COURSE	THIS YEAR			PAST RECORD	
	Date of Survey	Snow Depth (inches)	Water Content (inches)	Water Content (inches)	
				Last Year	Average †
NAME					
Mill D South Fork	1/29	48	14.6	20.2	12.7
Parley's Canyon Summit	1/30	50	13.0	20.4	12.3
Payson R.S.	1/31	47	13.6	20.6	12.0
Rocky Basin-Settlement Canyon	2/1		18.8 ^a	31.1	14.9
Silver Lake Brighton	1/29	54	17.0	24.2	15.6
Soapstone R.S.	1/27	30	8.1	10.5	8.6
Timpanogos Divide	2/1		21.2 ^a	16.8	16.9
Trial Lake	1/27	51	16.3	19.9	15.9
Vernon Creek	2/4	44	10.5	13.8	7.3

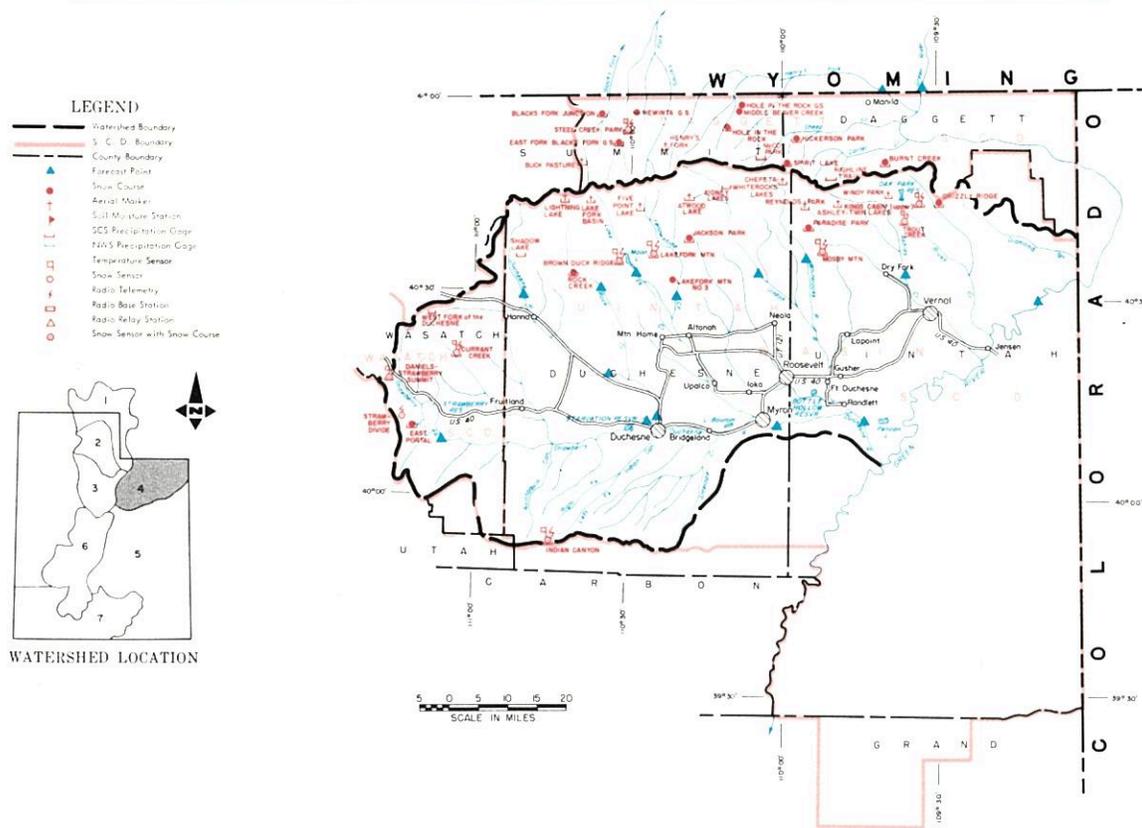
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WATER SUPPLY OUTLOOK

UINTAH BASIN and DAGGETT SCD's in UTAH

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



FEBRUARY 1, 1985

THE WATER SUPPLY OUTLOOK IS ABOVE AVERAGE

SNOW COVER dropped on all basins except Black's Fork and now ranges from 75% of average on Sheep Creek to 125% on Uintah-Whiterocks Rivers. Ashley Creek and Black's Fork are 102%, Strawberry River 111%, and Lakefork-Yellowstone 121% of the February 1 average.

PRECIPITATION at mountain stations was only 26 to 79% of the January average.

SOIL MOISTURE is above average.

RESERVOIR STORAGE is above average.

STREAMFLOW FORECASTS range from 112% of average on Yellowstone, 113% on Lakefork and Uintah to 175% for the Duchesne at Randlett. Strawberry River is forecast 138%, West Fork 128%, Duchesne at Tabiona 119%, at Duchesne 121%, and Whiterocks 117%. Ashley Creek is forecast 119%, Black's Fork 114% and Henry's Fork 118% of the April-July average.

Peak flows are expected to be above average on streams in this area but should not cause appreciable damage unless higher than average temperature and precipitation occurs during the snow melt period.

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

UINTAH BASIN AND DAGGETT SCD's IN UTAH

STREAMFLOW FORECASTS

BASIN, STREAM and/or FORECAST POINT	THIS YEAR			PAST RECORD	
	FORECAST		FORECAST PERIOD	THOUSAND ACRE FEET	
	Thousand Acre Feet	Percent of Average		Last Year	Average †
DUCHESNE RIVER					
Duchesne nr Tabiona 1/	125	119	Apr-July	139	105
Duchesne at Duchesne 1/	229	121	Apr-July	--	189
Strawberry at Duchesne	80	138	Apr-July	--	58
Rock Creek nr Mtn. Home	109	118	Apr-July	116	93
Currant Creek nr Fruitland	26	130	Apr-July	53	20
Lakefork below Moon Lake 1/	79	113	Apr-July	81	70
Yellowstone nr Altonah	73	112	Apr-July	68	65
Duchesne at Myton 1/	310	151	Apr-July	347	205
Whiterocks nr Whiterock	68	117	Apr-July	59	58
Uintah nr Neola	97	113	Apr-July	--	86
Duchesne at Randlett 1/	411	160	Apr-July	--	257
West Fork Duchesne at Hanna	33	128	Apr-July	--	26
FLAMING GORGE TO DUCHESNE RIVER					
Henry's Fork nr Manila	57	118	Apr-Sept	94	48
Black's Fork nr Millburne	102	114	Apr-July	123	90
Flaming Gorge Inflow 1/	1300	104	Apr-July	--	1248
Ashley Creek nr Vernal	61	119	Apr-July	62	51

SUMMARY of SNOW MEASUREMENTS (COMPARISON WITH PREVIOUS YEARS)

RIVER BASIN and/or SUBWATERSHED	Number of Courses Averaged	THIS YEAR AS A PERCENT OF	
		Last Year	Average
DUCHESNE RIVER - TOTAL	12	91	120
LAKEFORK-YELLOWSTONE CREEKS	4	98	121
STRAWBERRY RIVER	5	77	111
UINTAH - WHITEROCKS RIVERS	3	103	125
ASHLEY CREEK	3	84	102
BLACK'S FORK	3	69	102
SHEEP CREEK	3	64	75

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

RESERVOIR STORAGE (Thousand Acre Feet)

BASIN OR STREAM	RESERVOIR	Usable Capacity	USEABLE STORAGE		
			This Year	Last Year	Average †
ASHLEY CREEK	Red Fleet	26.0	19.0	18.0	--
	Steinaker	33.3	30.2	23.9	19.7 ^b
GREEN RIVER	Flaming Gorge	3749.0	3190.5	3309.8	--
LAKE FORK	Moon Lake	35.8	--	--	15.4
STRAWBERRY	Currant Creek	15.5	7.0	--	--
	Starvation	165.3	123.4	92.7	113.0 ^b
UINTAH	Soldier Creek	951.4	153.4	0.0	--
	Bottle Hollow	11.3	11.1	11.1	10.2

PEAK FLOWS

FORECAST POINT	PEAK FLOW (SECOND FEET)	
	Forecast Range	Average †
Strawberry at Duchesne	647-1061	675
Ashley Creek nr Vernal	840-1340	966
Rock Creek nr. Mtn. Home	1230-1600	1415

SNOW

DRAINAGE BASIN and/or SNOW COURSE	THIS YEAR			PAST RECORD	
	Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Last Year	Average †
Brown Duck Ridge	1/27	52	14.5	16.8	12.9
Burnt Creek	1/31	15	2.0	4.1	3.8
Currant Creek	1/25	37	9.7	9.6	7.8
Daniels-Strawberry	1/25	41	11.9	14.9	10.1
Grizzly Ridge	1/31	28	6.6	7.2	6.6
Hewinta G. S.	1/28	24	6.0	8.9	6.4
Hickerson Park	1/28	21	4.2	7.7	5.8
Jackson Park	1/27	39	9.6	10.2	8.1
Kings Cabin Upper	1/28	25	6.2	9.1	6.1

SNOW

DRAINAGE BASIN and/or SNOW COURSE	THIS YEAR			PAST RECORD	
	Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Last Year	Average †
Lakefork Mountain #1	1/27	34	8.8	8.5	7.0
Mosby Mountain	1/28	30	7.5	7.0	6.4
Paradise Park	1/28	42	12.0	11.1	8.8
Rock Creek Ranch	1/27	31	8.5	5.4	4.5
Spirit Lake	1/28	30	7.1	9.0	8.1
Steel Creek Park	1/28	40	10.1	14.6	9.1
Strawberry Divide	1/30	52	14.4	19.8	12.6
Trout Creek	1/28	29	6.9	7.1	6.6

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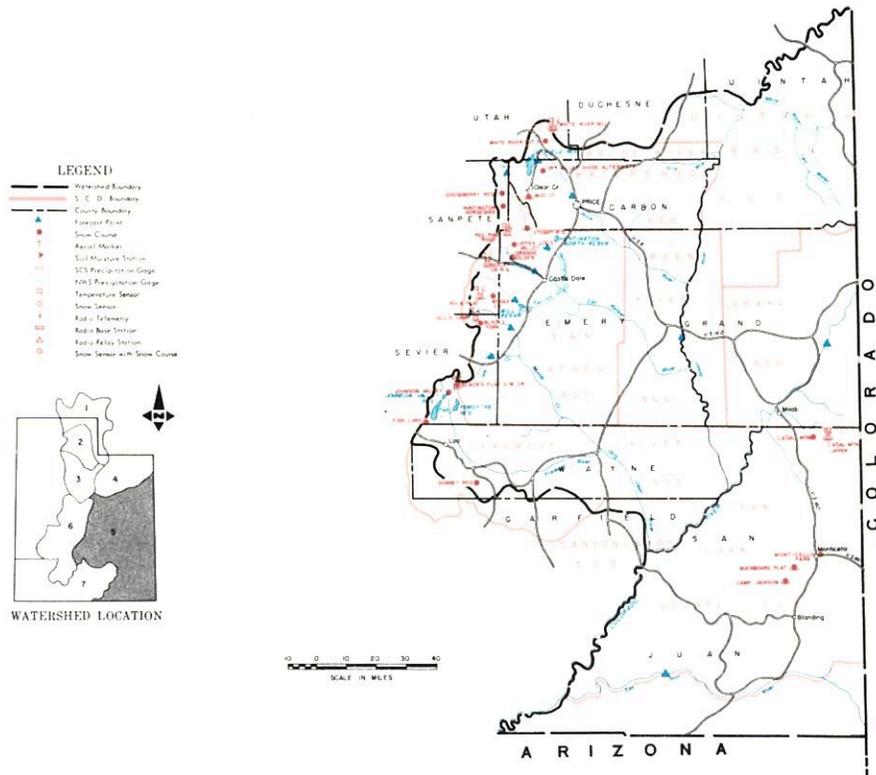
"The Conservation of Water begins with the Snow Survey"

5

WATER SUPPLY OUTLOOK

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

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



FEBRUARY 1, 1985

THE WATER SUPPLY OUTLOOK IS ABOVE AVERAGE

SNOW COVER now ranges from 97% of average on Muddy River to 128% on the San Rafael after a very dry January. Fremont River is now 98% of average, Price River 111% and Blue Mountains 102% of average. Measurements were not available for the LaSal Mountains.

PRECIPITATION at mountain stations was only 20 to 50% of average during January.

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

RESERVOIR STORAGE is above average.

STREAMFLOW FORECASTS range from average on Mill Creek above Moab to 167% of average for Price near Heiner for the April-July period. Gooseberry Creek is forecast 131%, Scofield Inflow 140%, Huntington Creek 153%, Cottonwood Creek 164%, Ferron Creek 144%, Muddy Creek 135% and Seven Mile Creek 106% of average.

The Colorado River is forecast 164% at Cisco, Green River 118%, and the San Juan 141% at Bluff for the April-July period.

CARBON, EMERY, WAYNE, GRAND AND SAN JUAN COUNTIES IN UTAH

STREAMFLOW FORECASTS

BASIN, STREAM and/or FORECAST POINT	THIS YEAR		FORECAST PERIOD	PAST RECORD	
	FORECAST *			THOUSAND ACRE FEET	
	Thousand Acre Feet	Percent of Average †		Last Year ‡	Average †
PRICE RIVER					
Gooseberry Crk nr Scofield	14.0	131	Apr-July	--	10.7
Scofield Reservoir Inflow	53	140	Apr-July	--	38
Price nr Heiner 1/	105	167	Apr-July	--	63
SAN RAFAEL RIVER					
Huntington Crk nr Huntington	75	153	Apr-July	--	49
Cottonwood Crk nr Orangeville	77	164	Apr-July	171	47
Ferron Creek nr Ferron	53	144	Apr-July	80	37
MUDDY CREEK					
Muddy Creek nr Emery	25	135	Apr-July	46	18.5
UPPER COLORADO BASIN					
Colorado nr Cisco, UT	5000	164	Apr-July	--	3046
Green at Green River, UT	3550	118	Apr-July	--	3016
Mill Creek nr Moab	5.5	100	Apr-July	18.7	5.5
Navajo Reservoir Inflow	930	128	Apr-July	--	684
San Juan nr Bluff, UT	1400	141	Apr-July	--	995
FREMONT RIVER					
Seven Mile Crk nr Fish Lake	6.9	106	Apr-July	15.9	6.5 ^b

SUMMARY of SNOW MEASUREMENTS (COMPARISON WITH PREVIOUS YEARS)

RIVER BASIN and/or SUB-WATERSHED	Number of Courses Averaged	THIS YEAR AS A PERCENT OF	
		Last Year	Average †
PRICE RIVER	4	70	111
SAN RAFAEL RIVER	8	66	129
FREMONT RIVER	3	58	98
LASAL MOUNTAINS	--	--	--
BLUE MOUNTAINS	3	125	102
MUDDY RIVER	2	58	97

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

RESERVOIR STORAGE (Thousand Acre Feet)

BASIN OR STREAM	RESERVOIR	Usable Capacity	USEABLE STORAGE		
			This Year	Last Year	Average †
PRICE RIVER	Scofield	65.8	49.0	48.3	31.3
SAN RAFAEL	Huntington North	3.9	2.7	2.8	2.3 ^b
	Joe's Valley	54.6	49.5	41.2	43.6 ^b
	Mill Site	16.7	10.1	12.5	3.5 ^b
SAN JUAN	Navajo	1696.0	1463.2	1461.8	--
	Kens Lake	2.3	0.6	1.7	--

PEAK FLOWS e

FORECAST POINT	PEAK FLOW (SECOND FEET)	
	Forecast Range	Average †
Ferron Creek near Ferron	570-724	444
Muddy Creek near Emery	247-311	168
Huntington Cr. near Huntington	800-1100	516 ^b

SNOW

DRAINAGE BASIN and/or SNOW COURSE	THIS YEAR			PAST RECORD	
	Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Water Content (Inches)	
				Last Year	Average †
Buck Flat	1/27	44	12.2	19.7	10.5
Buckboard Flat	1/29	53	10.1	9.1	10.2
Camp Jackson	1/29	58	12.1	9.3	11.3
Dills Camp	1/27	30	8.2	13.7	8.0
Dry Valley Divide Alternate	1/25	33	9.7	12.8	8.4
Huntington-Horseshoe	1/26	52	18.3	27.5	14.2
Indian Canyon	1/25	36	8.8	9.5	8.3
LaSal Mtn. Upper		NOT MEASURED			
Mammoth-Cottonwood R.S.	1/26	50	16.9	25.1	13.5

SNOW

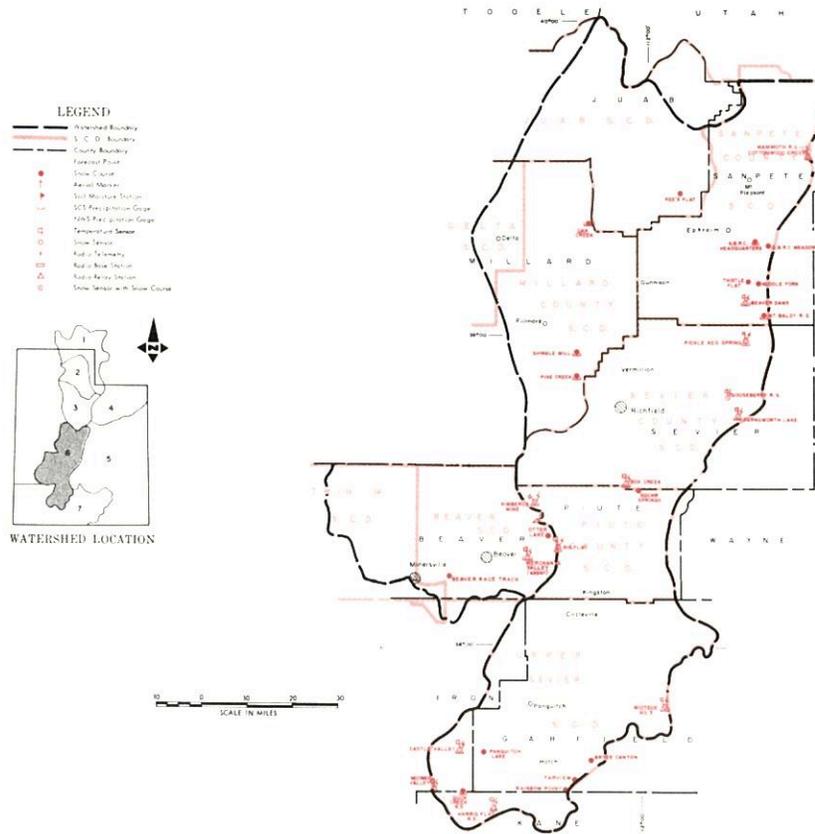
DRAINAGE BASIN and/or SNOW COURSE	THIS YEAR			PAST RECORD	
	Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Water Content (Inches)	
				Last Year	Average †
Monticello City Park	1/31	16	3.5	2.2	3.8
Mud Creek	1/26	37	10.2	15.5	9.1
Red Pine Ridge	1/26	42	13.0	19.6	10.6
Seeley Creek	1/26	46	14.1	20.9	9.1
Stuart R.S.	1/26	25	6.6	10.9	6.1
Upper Joe's Valley	1/26	32	9.3	12.1	6.7
White River #1	1/25	38	10.6	15.1	9.0
White River #3	1/25	25	6.8	9.7	7.0
Wrigley Creek	1/28	31	7.3	12.8	6.8

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WATER SUPPLY OUTLOOK

SEVIER RIVER BASIN including BEAVER RIVER in UTAH



FEBRUARY 1, 1985

THE WATER SUPPLY OUTLOOK IS ABOVE AVERAGE TO WELL ABOVE AVERAGE

SNOW COVER now ranges from 112% on the Lower Sevier to 136% on the South Fork after a dry January. The East Fork Sevier snow cover is 116% of the February 1 average and Beaver River is 117%.

PRECIPITATION at mountain stations ranges from 16% of the January average at Gooseberry R.S. to 98% at Widtsoe #3.

SOIL MOISTURE is above average.

RESERVOIR STORAGE is above average and 88% of useable capacity of the Sevier and 85% of capacity in Minersville Reservoir.

STREAMFLOW FORECASTS now range from 119% of the April-July average for Sevier at Hatch and Oak Creek to 606% for the Sigurd to Gunnison reach on the Lower Sevier. Other Sevier River forecasts are as follows: Circleville 165%, Kingston 150%, East Fork 132%, below Piute 155%, and Gunnison 392% of average. Clear Creek is forecast 122%, Salina Creek 143%, Chicken Creek 124%, Salt Creek 126%, Ephraim Creek 134%, and Pleasant Creek 128% of the April-July average.

Beaver River is forecast 130% near Beaver, North Creeks 134%, and Minersville Inflow 168% of average.

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

SEVIER RIVER BASIN INCLUDING BEAVER RIVER IN UTAH

STREAMFLOW FORECASTS

BASIN, STREAM and/or FORECAST POINT	THIS YEAR		FORECAST PERIOD	PAST RECORD	
	FORECAST			THOUSAND ACRE FEET	
	Thousand Acre Feet	Percent of Average		Last Year	Average †
SEVIER RIVER					
Sevier at Hatch	57	119	Apr-July	46	48
Sevier nr Circleville	52	165	Apr-July	--	38
Sevier nr Kingston	43	150	Apr-July	--	28
Antimony Crk nr Antimony	13.0	126	Apr-July	--	10.3
East Fork Sevier nr Kingston	25	132	Apr-July	--	18.9
Sevier below Piute Dam	70	155	Apr-July	--	45
Clear Crk nr Sevier (abv Div)	23	122	Apr-July	--	18.8
Sigurd to Gunnison	160	606	Apr-July	--	26
Kingston to Vermillion Dam	66	147	Apr-June	--	45
Vermillion Dam to Gunnison	165	466	Apr-June	--	25
Salina Creek at Salina	17.0	143	Apr-June	--	11.9
Sevier nr Gunnison	210	392	Apr-July	--	54
Chalk Creek nr Fillmore	19.7	120	Apr-July	--	16.4
Chicken Creek nr Levan	4.3	124	Apr-July	--	3.5
Oak Cr. nr Oak City	1.9	119	Apr-July	3.5	1.6
Ephraim Creek nr Ephraim	20	134	Apr-July	--	14.9
Pleasant Crk nr Mt. Pleasant	11.0	128	Apr-July	--	8.6
Salt Creek nr. Nephi	17.0	126	Apr-July	--	13.5
Beaver nr Beaver	30	130	Apr-July	52	23
North Creek (Combined)	19.5	134	Apr-July	--	14.6
Minersville Inflow	15.0	168	Apr-June	--	8.9

SUMMARY of SNOW MEASUREMENTS (COMPARISON WITH PREVIOUS YEARS)

RIVER BASIN and/or SUB-WATERSHED	Number of Courses Averaged	THIS YEAR AS A PERCENT OF	
		Last Year	Average †
		UPPER SEVIER RIVER	11
East Fork Sevier	4	87	116
South Fork Sevier	7	125	136
LOWER SEVIER	12	64	112
BEAVER RIVER	4	62	117

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

RESERVOIR STORAGE (Thousand Acre Feet)

BASIN OR STREAM	RESERVOIR	Usable Capacity	USABLE STORAGE		
			This Year	Last Year	Average †
			SEVIER RIVER	Gunnison	18.2
	Otter Creek	52.5	48.2	50.2	27.5
	Piute	71.8	61.9	68.3	36.9
	Sevier Bridge	236.0	210.4	210.1	101.1
	Panguitch Lake	22.3	20.0	20.3	--
BEAVER RIVER	Minersville (Rky Fd)	26.0	22.2	20.6	11.2

PEAK FLOWS ^e

FORECAST POINT	PEAK FLOW (SECOND FEET)	
	Forecast Range	Average †
	Beaver River nr Beaver	215-478
Sevier River at Hatch	500-700	484
Sevier River nr Kingston	400-600	312
Clear Creek nr Sevier	225-325	226
Salina Creek nr Salina	380-500	285

SNOW

DRAINAGE BASIN and/or SNOW COURSE	Date of Survey	THIS YEAR		PAST RECORD	
		Snow Depth (Inches)	Water Content (Inches)	Water Content (Inches)	
		Last Year	Average †	Last Year	Average †
Big Flat	1/30	52	13.4	21.5	10.6
Bryce Canyon	1/31	23	4.9	2.7	3.3
Castle Valley	1/30	39	10.2	10.7	6.8
Duck Creek	1/29	45	12.2	6.9	9.0
Farnsworth Lake	1/27	42	12.3	18.1	11.6
Gooseberry R.S.	1/27	28	7.4	11.6	7.4
Harris Flat	1/29	34	9.2	4.5	6.0
Kimberly Mine	1/31	50	11.2	14.6	10.2

SNOW

DRAINAGE BASIN and/or SNOW COURSE	Date of Survey	Snow Depth (Inches)	Water Content (Inches)	PAST RECORD	
				Water Content (Inches)	
				Last Year	Average †
Long Valley Junction	1/29	25	6.9	4.0	4.3
Merchants Valley Upper	1/30	40	8.8	14.1	8.0
Midway Valley	1/29	61	18.0	12.8	13.3
Oak Creek	1/31	36	7.9	12.8	8.4
Otter Lake	1/30	43	9.8	16.0	8.0
Pickle Keg Springs	1/27	35	10.2	18.1	9.8
Pine Creek	1/31	52	12.2	20.6	9.4
Widtsoe-Escalante #3	1/29	37	8.5	7.2	7.0

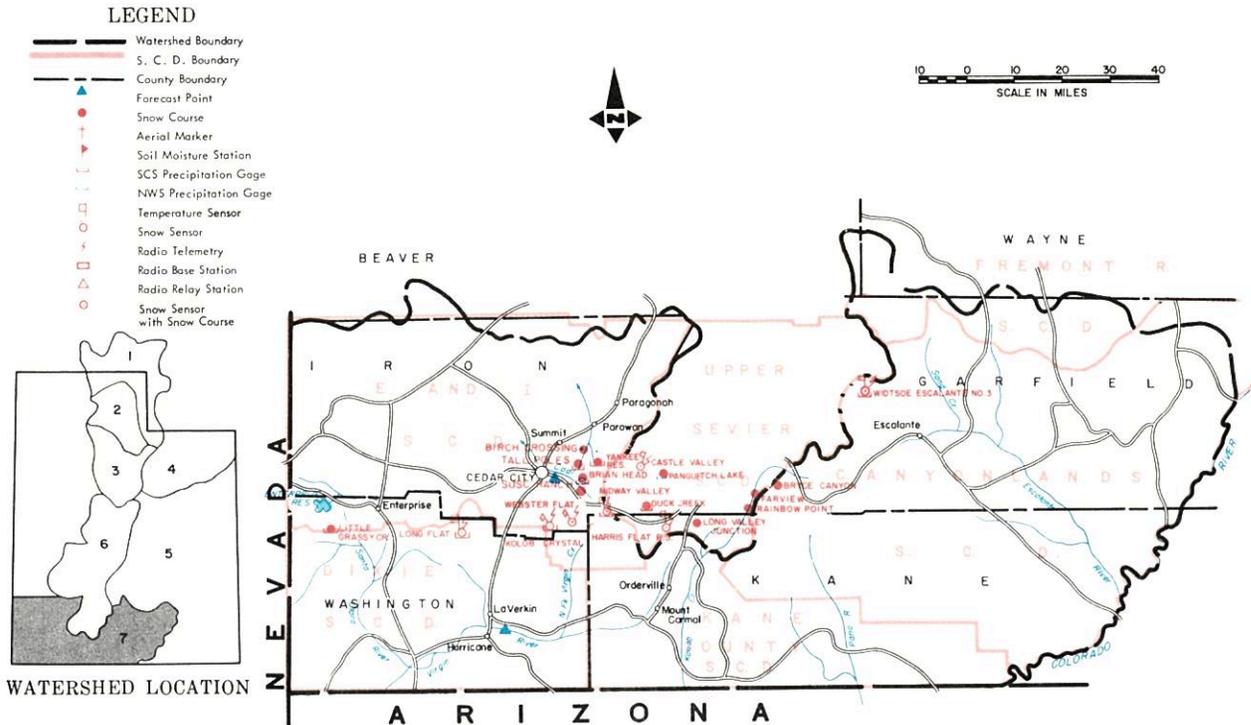
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WATER SUPPLY OUTLOOK

EAST GARFIELD, KANE, WASHINGTON and IRON COUNTIES in UTAH

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



FEBRUARY 1, 1985

THE WATER SUPPLY OUTLOOK IS NEAR AVERAGE

SNOW COVER dropped significantly (25 to 90%) after a very dry January and now ranges from 109% of the February 1 average on Parowan Creek to 146% on the Enterprise-New Harmony Creek area. Escalante River is 121%, Coal Creek 125%, and Virgin River 130% of average.

PRECIPITATION at mountain stations ranged from 67% of the January average at Duck Creek to 98% at Widstoe #3.

SOIL MOISTURE is above average on most of the higher watersheds.

RESERVOIR STORAGE in upper Enterprise Reservoir is reported about half full and Lower Enterprise is almost empty. Gunlock Reservoir has 6,300 acre feet of storage and Quail Creek has about 1,000 acre feet.

STREAMFLOW FORECASTS now range from 109% of average on Santa Clara Creek to 147% for Lake Powell Inflow. Coal Creek is forecast 114% and Virgin River 115% of average for the April-June period.

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

EAST GARFIELD, KANE, WASHINGTON AND IRON COUNTIES IN UTAH

STREAMFLOW FORECASTS

BASIN, STREAM and/or FORECAST POINT	THIS YEAR		FORECAST PERIOD	PAST RECORD	
	FORECAST			THOUSAND ACRE FEET	
	Thousand Acre Feet	Percent of Average		Last Year	Average †
VIRGIN RIVER					
Virgin nr Hurricane	55	115	Apr-June	37	63
Santa Clara nr Pine Valley	5.8	109	Apr-June	--	5.3
COAL CREEK					
Coal Creek nr Cedar City	21	114	Apr-July	20	18.1
UPPER COLORADO					
Lake Powell Inflow	11000	147	Apr-July	--	7642

SUMMARY of SNOW MEASUREMENTS (COMPARISON WITH PREVIOUS YEARS)

RIVER BASIN and/or SUB-WATERSHED	Number of Courses Averaged	THIS YEAR AS A PERCENT OF	
		Last Year	Average
COAL CREEK	3	140	125
VIRGIN RIVER	5	147	130
PAROWAN CREEK	4	86	109
ENTERPRISE - NEW HARMONY	2	340	146
ESCALANTE RIVER	1	118	121

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 e - Maximum mean daily peak flow
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 * - Forecast in cooperation with National Weather Service

RESERVOIR STORAGE (Thousand Acre Foot)

BASIN OR STREAM	RESERVOIR	Usable Capacity	USEABLE STORAGE		
			This Year	Last Year	Average †
COLORADO	Lake Powell	25002.0	21989.0	22013.0	--
	Blue Mesa	829.5	552.5	494.6	--
VIRGIN	Gunlock	7.4	6.3	--	--
	Quail Creek	26.0	1.0	--	--

PEAK FLOWS

FORECAST POINT	PEAK FLOW (SECOND FEET)	
	Forecast Range	Average †
Coal Creek nr Cedar City	250-370	220
Virgin nr Hurricane	600-900	1092

SNOW

DRAINAGE BASIN and/or SNOW COURSE	THIS YEAR			PAST RECORD	
	Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Water Content (Inches)	
				Last Year	Average †
Birch Crossing	1/30	28	5.3	7.0	5.0
Brian Head	1/30	56	15.0	15.8	12.9
Harris Flat	1/29	34	9.2	4.5	6.0
Kolob-Crystal	1/29	59	17.1	13.8	15.5
Little Grassy	1/30	25	7.5	0.4	3.8
Long Flat	1/30	27	6.1	3.6	5.5

SNOW

DRAINAGE BASIN and/or SNOW COURSE	THIS YEAR			PAST RECORD	
	Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Water Content (Inches)	
				Last Year	Average †
Long Valley Junction	1/29	25	6.9	4.0	4.3
SUSC Ranch	1/30	31	6.8	5.7	6.5
Tall Poles	1/30	43	9.5	11.0	9.1
Webster Flat	1/29	47	13.7	9.0	10.9
Yankee Reservoir	1/30	33	7.2	9.3	6.8

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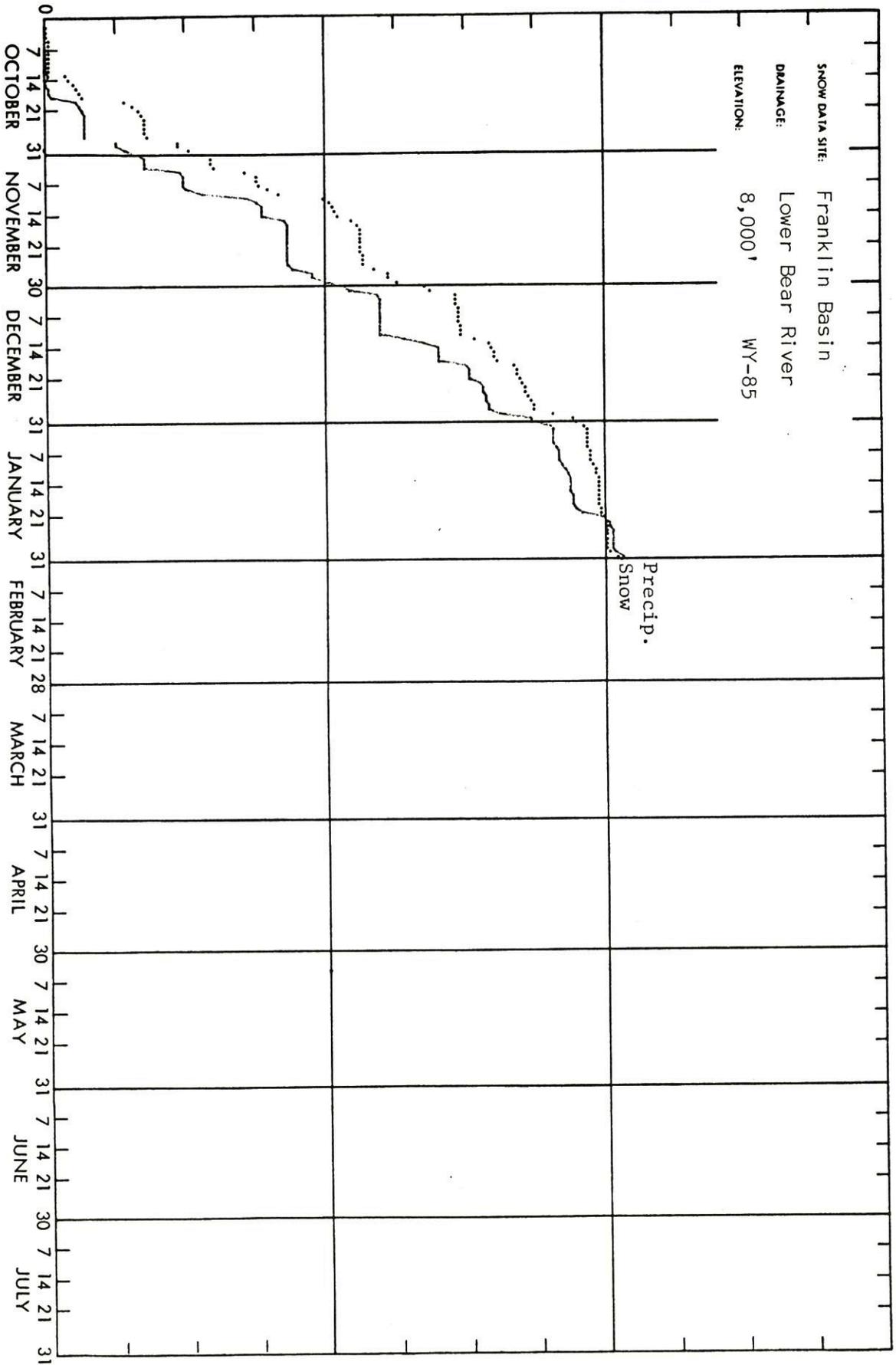
BASIN SUMMARY OF
SNOW COURSE DATA
FEBRUARY 1985

SNOW COURSE	ELEVATION	DATE	SNOW DEPTH	WATER CONTENT	LAST YEAR	AVERAGE 1961-80
BEAR RIVER, UPPER IN UTAH (above Herby, Idaho)						
BURT'S-MILLER RANCH	7900	1/28/85	17	4.0	6.0	4.3
HAYDEN FORK	9400	1/28/85	34	10.1	11.3	10.4
MONTE CRISTO R.S.	8960	1/26/85	51	18.4	24.9	16.2
STILLWATER CAMP	8550	1/28/85	29	7.5	9.1	7.4
TRIAL LAKE	9960	1/27/85	51	16.3	19.9	15.9
BEAR RIVER, LOWER IN UTAH (below Herby, Idaho)						
CUB RIVER R.S.	5450	1/26/85	22	5.5	11.7	6.5
FRANKLIN BASIN	8020	1/26/85	51	17.3	22.9	16.6
GARDEN CITY SUMMIT	7600	1/26/85	42	12.6	17.0	11.9
KLONDIKE NARROWS	7400	1/26/85	44	14.3	19.5	13.4
LITTLE BEAR (LOWER)	6000	1/26/85	30	9.0	13.2	7.4
LITTLE BEAR (UPPER)	6550	1/26/85	33	10.3	15.7	8.4
STEEP HOLLOW #1	8500	1/26/85	69	24.7	33.1	24.1
STEEP HOLLOW #2	7700	1/26/85	54	18.9	25.2	17.5
TONY GROVE LAKE	8400	1/26/85	67	24.2	34.1	25.2
TONY GROVE R.S.	6250	1/26/85	32	9.5	15.8	8.8
WILLOW FLAT	6100	1/26/85	34	10.3	19.8	11.1
OGDEN RIVER						
BEAVER CREEK-SKUNK	7150	1/26/85	28	10.7	14.0	8.5
BEN LOMOND PEAK	8000	1/26/85	71	27.7	43.3	23.5
BEN LOMOND TRAIL	6000	1/26/85	50	16.6	26.4	10.5
DRY BREAD POND	8350	1/26/85	39	12.9	19.0	12.3
MONTE CRISTO R.S.	8960	1/26/85	51	18.4	24.9	16.2
SAGEBRUSH FLAT	6300	1/26/85	18	4.8	9.1	4.1
WEBER RIVER						
BEAVER CREEK R.S.	7500	1/27/85	25	6.4	8.6	6.0
CHALK CREEK #1	9100	1/28/85	50	16.3	18.1	14.6
CHALK CREEK #2	8200	1/28/85	38	10.6	11.8	9.5
CHALK CREEK #3	7500	1/28/85	23	6.1	7.8	5.4
FARMINGTON CANYON L.	6950	1/29/85	60	18.2	29.1	14.3
FARMINGTON CANYON	8000	1/29/85	71	23.1	35.0	19.2
HORSE RIDGE	8260	1/27/85	47	15.5	21.8	14.0
KILFOIL CREEK	7300	1/27/85	38	10.8	14.9	10.2
LOST CREEK RESERVOIR	6130	1/27/85	20	4.9	7.9	4.5
PARK CITY SUMMIT	9300	1/31/85	66	24.5	30.0	19.2
PARLEY'S CANYON SUM.	7500	1/30/85	50	13.0	20.4	12.3
PINE CANYON	8000	1/27/85	47	16.4	20.5	--
REDDEN MINE LOWER	8500	1/27/85	42	13.9	15.6	11.3
SMITH & MOREHOUSE	7600	1/28/85	33	10.5	12.5	8.8
TRIAL LAKE	9960	1/27/85	51	16.3	19.9	15.9
PROVO RIVER & UTAH LAKE						
BEAVER CREEK DIVIDE	8280	1/27/85	28	7.2	11.1	9.1
CLEAR CREEK RIDGE #1	9200	1/25/85	44	13.3	18.7	12.4
CLEAR CREEK RIDGE #2	8000	1/25/85	39	11.2	14.9	9.6
CLEAR CREEK RIDGE #3	6600	1/25/85	25	6.4	9.0	5.5
DANIELS-STRAWBERRY	8000	1/25/85	41	11.9	14.9	10.1
HOBBLE CREEK SUMMIT	7420	1/25/85	41	11.9	17.9	9.8
PAYSON R.S.	8050	1/31/85	47	13.6	20.6	12.0
SOAPSTONE R.S.	7800	1/27/85	30	8.1	10.3	8.6
TRIAL LAKE	9960	1/27/85	51	16.3	19.9	15.9

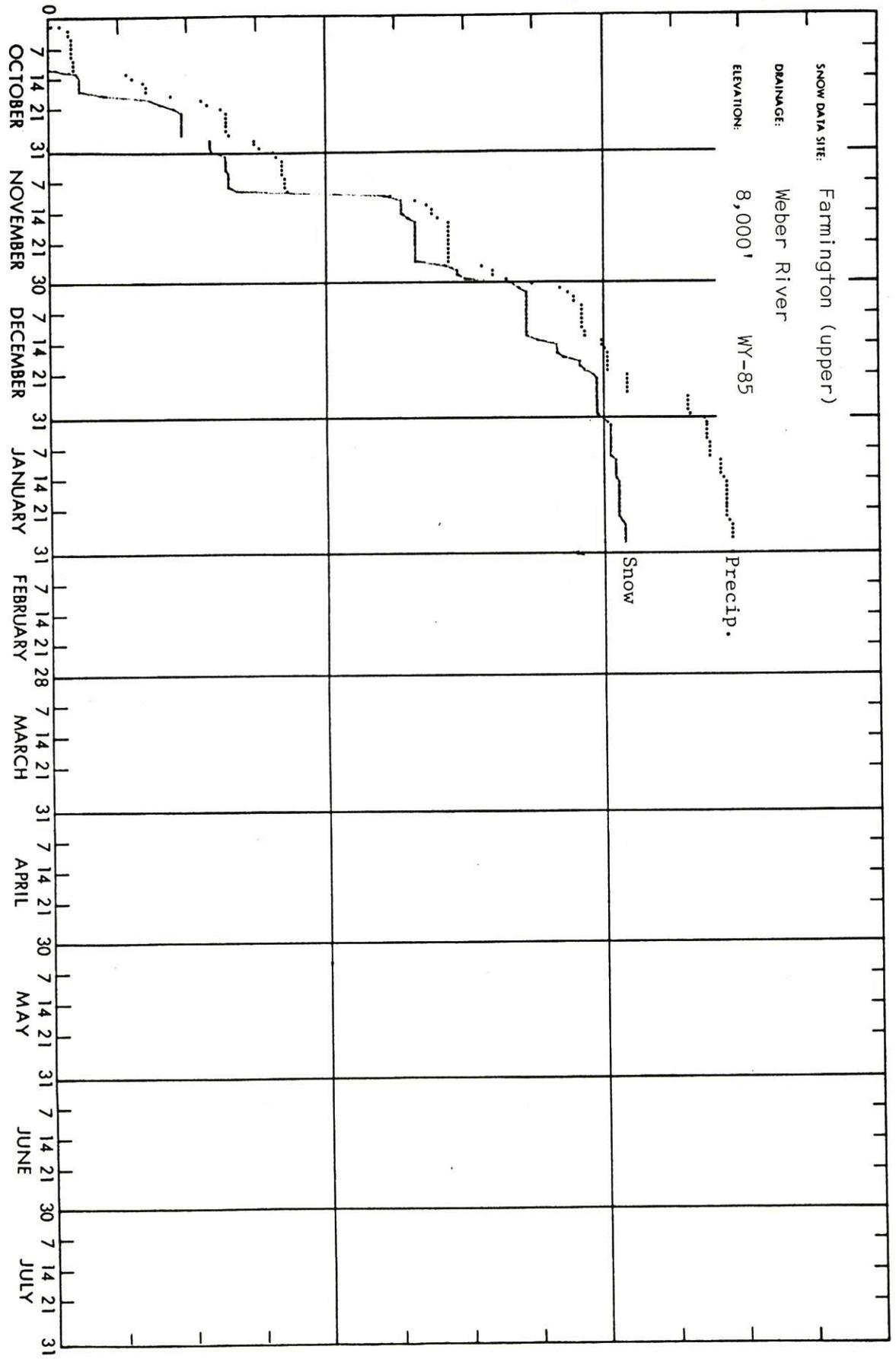
SNOW COURSE	ELEVATION	DATE	SNOW DEPTH	WATER CONTENT	LAST YEAR	AVERAGE 1961-80
JORDAN RIVER & GREAT SALT LAKE						
LAMBS CANYON	7400	1/30/85	48	14.0	18.1	10.7
MILL CREEK	6950	1/29/85	51	14.8	18.9	13.0
MILL D SOUTH FORK	7400	1/29/85	48	14.6	20.2	12.7
SILVER LAKE (BRIGHT.)	8730	1/29/85	54	17.0	24.7	15.6
SNOWBIRD GAD VALLEY	9700	2/05/85	80	25.5	36.6	23.9
FOOTE VALLEY WATERSHEDS AND VERMOP CREEK						
VERMOP CREEK	7500	2/04/85	44	10.5	13.8	7.3
UPPER GREEN RIVER in UTAH (above Juaneque River)						
BLACK'S FORK GS-EF	9340	1/28/85	24	5.8	9.0	6.4
BLACK'S FORK JUNCTN	8930	1/28/85	28	6.7	9.1	6.6
BURNI CREEK	7900	1/31/85	15	2.0	4.1	3.8
GRIZZLY RIDGE	8500	1/31/85	28	6.6	7.2	6.6
HEWINTA G.S.	9500	1/28/85	24	6.0	8.9	6.4
HICKERSON PARK	9100	1/28/85	21	4.2	7.7	5.8
KING'S CABIN (UPPER)	8730	1/28/85	25	6.2	9.1	6.1
SPIRIT LAKE	10300	1/28/85	30	7.1	9.0	8.1
STEEL CREEK PARK	10100	1/28/85	40	10.1	14.6	9.1
TROUT CREEK	9400	1/28/85	29	6.9	7.1	6.6
DUCHESNE RIVER						
BROWN DUCK RIDGE	10600	1/27/85	52	14.5	16.8	12.9
CURRENT CREEK	8000	1/25/85	37	9.7	9.6	7.3
DANIELS-STRAWBERRY	8000	1/25/85	41	11.9	14.9	10.1
EAST PORTAL	7560	1/30/85	36	6.5	12.5	7.6
INDIAN CANYON	9100	1/25/85	36	8.8	9.5	8.3
JACKSON PARK	10600	1/27/85	39	9.6	10.2	8.1
LAKEFORK MOUNTAIN #1	10200	1/27/85	34	8.8	8.5	7.0
LAKEFORK MOUNTAIN #3	8400	1/27/85	27	6.4	4.6	4.5
MOSBY MOUNTAIN (LOW)	9500	1/28/85	30	7.5	7.0	6.4
PARADISE PARK	10100	1/28/85	42	12.0	11.1	8.8
ROCK CREEK	7900	1/27/85	31	8.5	5.4	4.5
STRAWBERRY DIVIDE	8400	1/30/85	52	14.4	19.8	12.6
PRICE RIVER						
DRY VALLEY DIVIDE AL	8100	1/25/85	33	9.7	12.8	8.4
MUD CREEK	8600	1/26/85	37	10.2	13.3	9.1
WHITE RIVER #1	8550	1/25/85	38	10.6	15.1	9.0
WHITE RIVER #3	7400	1/25/85	25	6.8	9.7	7.0
SAN RAFAEL RIVER						
BUCK FLAT	9800	1/27/85	44	12.2	19.7	10.5
HUNTINGTON-HORSESHOE	9800	1/26/85	52	18.3	27.5	14.2
ORANGE OLSEN	7200	1/26/85	22	5.4	6.5	2.8
RED PINE RIDGE	9200	1/26/85	43	13.0	19.6	10.6
SEELEY CREEK R.S.	10000	1/26/85	46	14.1	20.9	9.1
STUART R.S.	7950	1/26/85	25	6.6	10.9	6.1
UPPER JOES VALLEY	8900	1/26/85	32	9.3	12.1	6.7
WRIGLEY CREEK	9000	1/28/85	31	7.3	12.8	6.8
MUDDY RIVER						
BLACK'S FORK	9200	1/27/85	31	8.1	14.3	8.8
DILL'S CAMP	9200	1/27/85	30	8.2	13.7	8.6
FREMONT RIVER						
BLACK'S FLAT-U.N. CK	9400	1/27/85	29	7.6	11.7	7.8
FISH LAKE	8700	1/27/85	21	6.1	10.7	5.7
JOHNSON VALLEY	8850	1/27/85	20	4.9	9.8	5.4
LASAL MOUNTAINS						
BLUE MOUNTAINS						
BUCKBOARD FLAT	9000	1/29/85	53	10.1	9.1	10.2
CAMP JACKSON	8600	1/29/85	58	12.1	9.3	11.3
MONTECELLO PARK	7050	1/31/85	16	3.5	2.2	3.8

SNOW COURSE	ELEVATION	DATE	SNOW DEPTH	WATER CONTENT	LAST YEAR	AVERAGE 1961-80
UPPER SEVIER RIVER (south of Richfield, Utah)						
BOX CREEK	9300	1/29/85	38	9.3	14.0	8.4
BRYCE CANYON	8000	1/31/85	23	4.9	2.7	3.3
CASTLE VALLEY	9580	1/30/85	39	10.2	10.7	6.8
DUCK CREEK R.S.	8700	1/29/85	45	12.2	6.9	9.0
HARRIS FLAT	7700	1/29/85	34	9.2	4.5	6.0
KIMBERLY MINE (UPPER)	9300	1/31/85	50	11.2	14.6	10.2
LONG VALLEY JCT.	7500	1/29/85	25	6.9	4.0	4.3
MIDWAY VALLEY	9800	1/29/85	61	18.0	12.8	13.3
PANQUITCH LAKE	8200	1/30/85	20	4.9	4.5	3.7
SQUAW SPRINGS	9300	1/29/85	27	4.9	7.8	5.0
WIDTSOE-ESCALANTE #3	9500	1/29/85	37	8.5	7.2	7.0
LOWER SEVIER RIVER (including San Pitch River)						
BEAVER DAMS	8000	1/26/85	26	7.2	13.3	8.1
FARNSWORTH LAKE	9600	1/27/85	42	12.3	18.1	11.6
G.B.R.C. HEADQUARTER	8700	1/26/85	39	12.9	18.8	10.1
G.B.R.C. MEADOWS	10000	1/26/85	52	16.7	23.3	13.7
GOOSEBERRY R.S.	8000	1/27/85	28	7.4	11.6	7.4
MAMMOTH-COTTONWOOD	8800	1/26/85	50	16.9	25.1	13.5
MT. BALDY R.S.	9500	1/26/85	51	15.8	24.8	14.2
OAK CREEK	7760	1/31/85	36	7.9	12.8	8.4
PICKLE KEG SPRING	9600	1/27/85	35	10.2	18.1	9.8
PINE CREEK	8800	1/31/85	52	12.2	20.6	9.4
REES'S FLAT	7300	1/31/85	44	10.5	13.8	8.2
SHINGLE MILL	6200	1/25/85	20	4.7	10.8	5.9
BEAVER RIVER						
BEAVER RACE TRACK	6020	2/01/85	0	.0	.0	.8
BIG FLAT	10290	1/30/85	52	13.4	21.5	10.6
MERCHANT VALLEY (UP)	8750	1/30/85	40	8.8	14.1	8.0
OTTER LAKE	9600	1/30/85	43	9.8	16.0	8.0
PAROWAN						
BIRCH CROSSING	8100	1/30/85	28	5.3	7.0	5.0
BRIAN HEAD	10000	1/30/85	56	15.0	15.8	12.9
TALL POLES	8800	1/30/85	43	9.5	11.0	9.1
YANKEE RESERVOIR	8760	1/30/85	33	7.2	9.3	6.8
ESCALANTE RIVER						
WIDTSOE-ESCALANTE #3	9500	1/29/85	37	8.5	7.2	7.0
ENTERPRISE TO NEW HARMONY DRAINAGES						
LITTLE GRASSY CREEK	8100	1/30/85	25	7.5	.4	3.8
LONG FLAT	8000	1/30/85	27	6.1	3.6	3.3
COAL CREEK						
MIDWAY VALLEY	9800	1/29/85	61	18.0	12.8	13.3
SUSC RANCH	8700	1/30/85	31	6.8	5.7	6.5
WEBSTER FLAT	8200	1/29/85	47	13.7	9.0	10.9
VIRGIN RIVER						
HARRIS FLAT	7700	1/29/85	34	9.2	4.5	6.0
KULOB-CRYSTAL	9250	1/29/85	59	17.1	13.8	15.5
LONG VALLEY JCT.	7500	1/29/85	25	6.9	4.0	4.3
MIDWAY VALLEY	9800	1/29/85	61	18.0	12.8	13.3
WEBSTER FLAT	8200	1/29/85	47	13.7	9.0	10.9

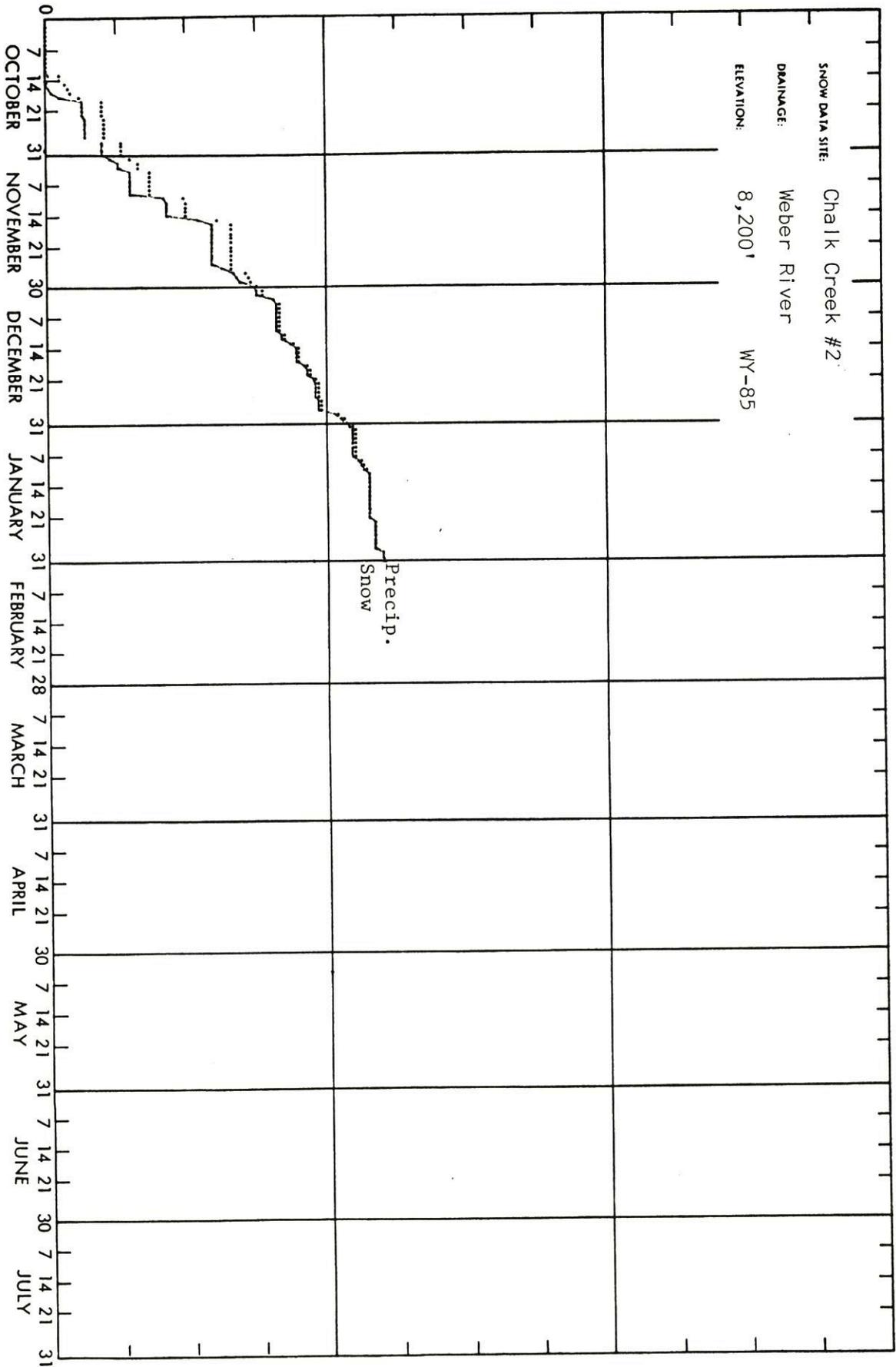
INCHES OF WATER IN SNOWPACK



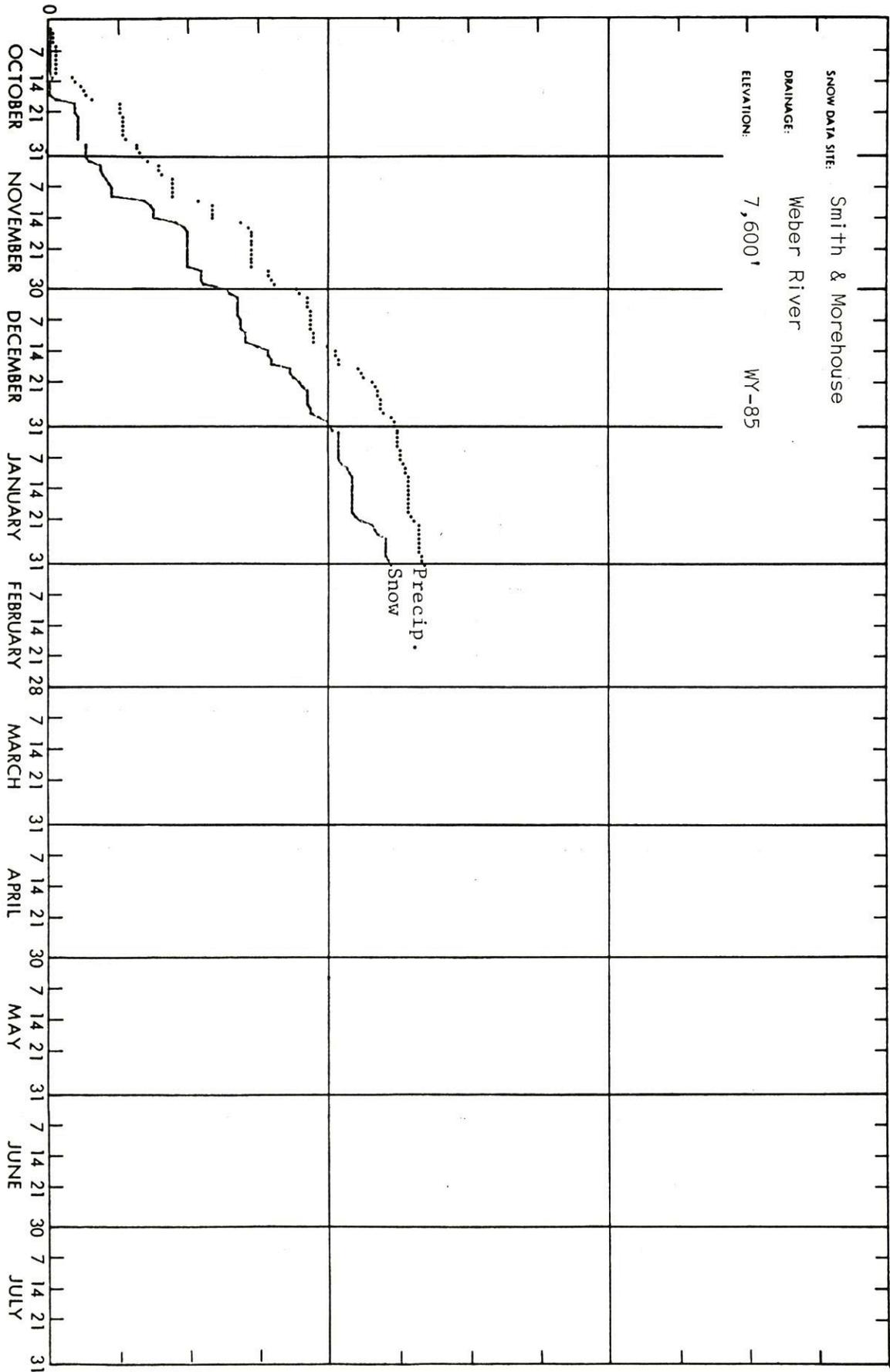
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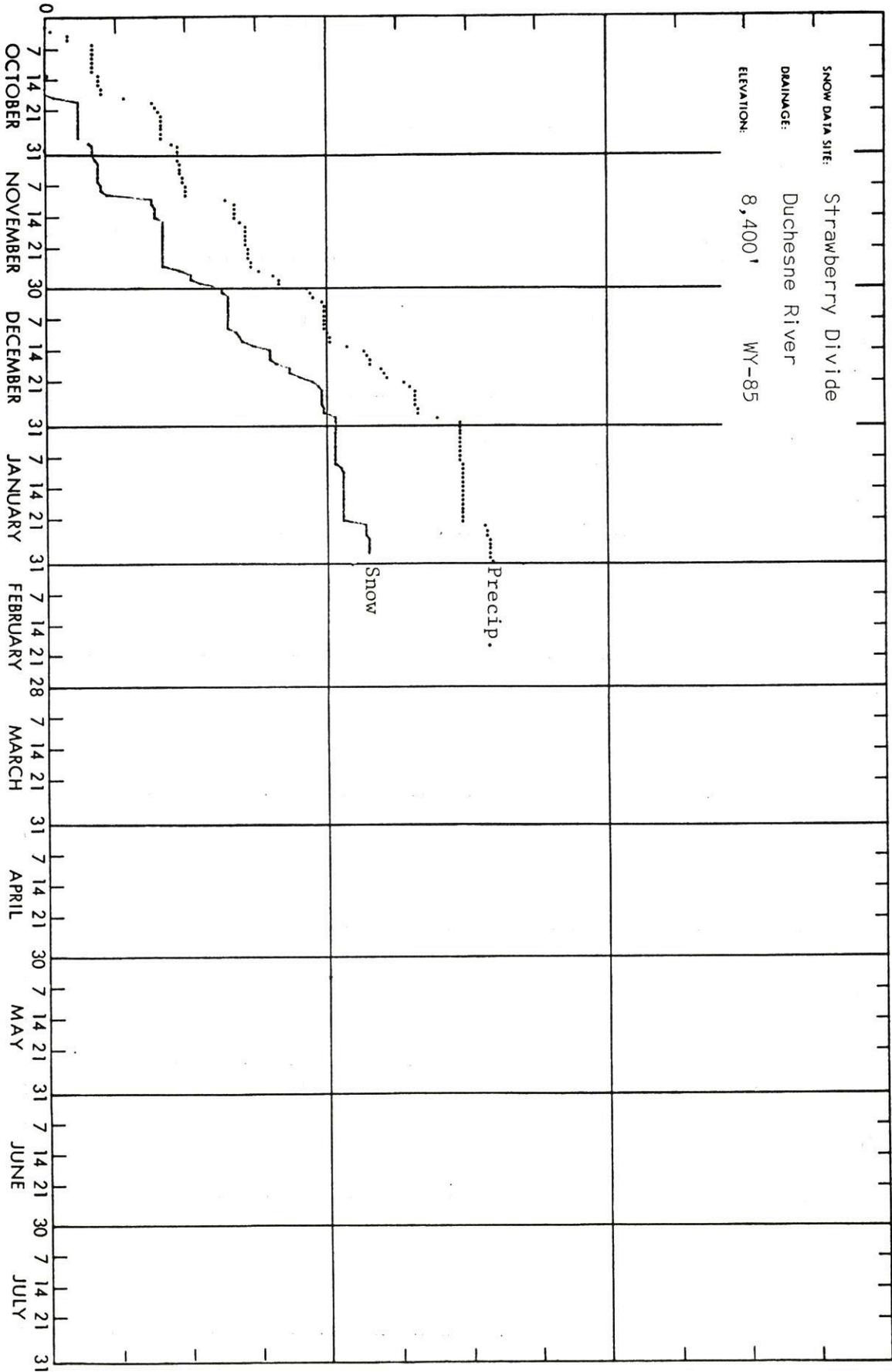
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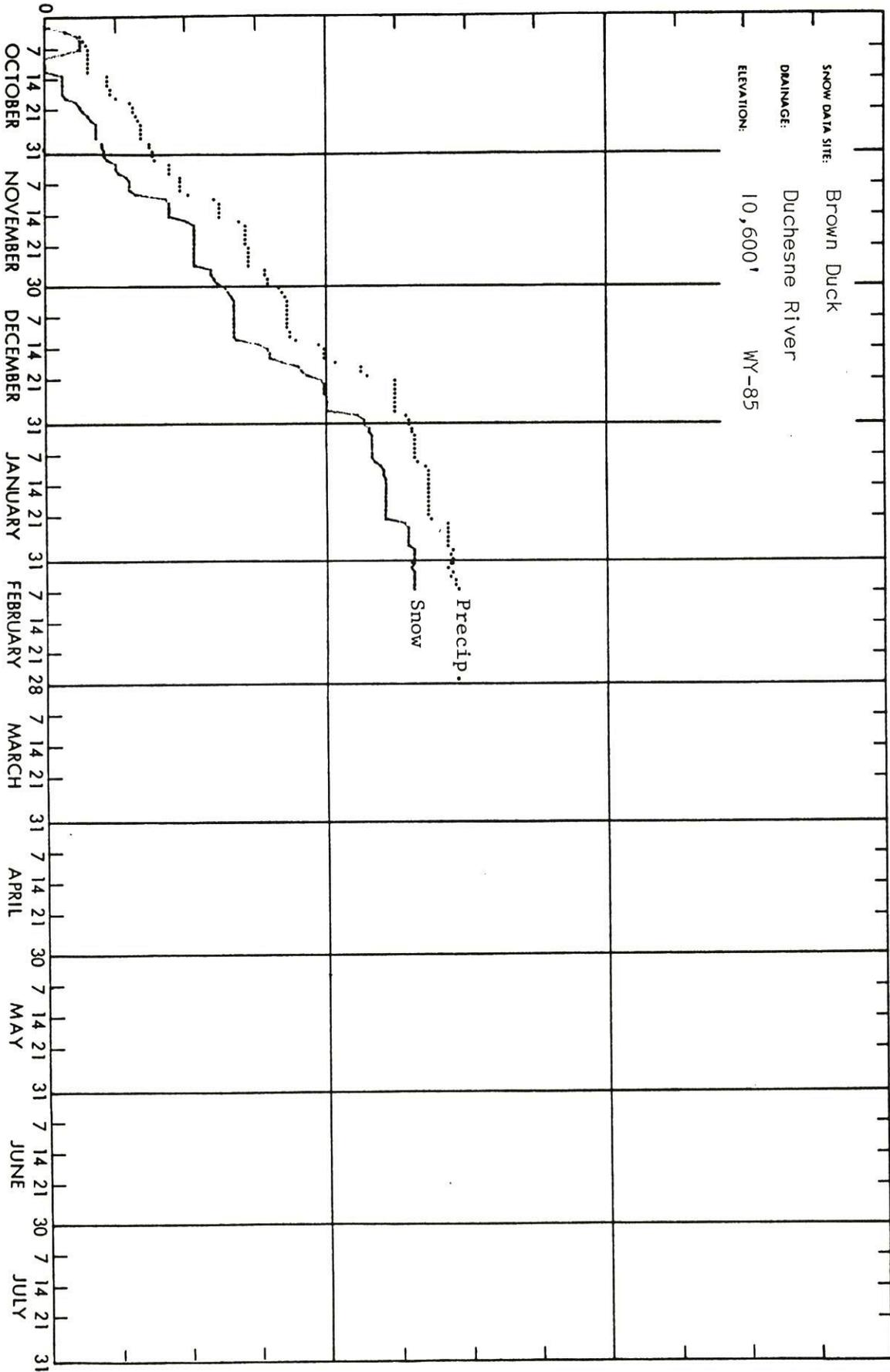
INCHES OF WATER IN SNOWPACK



INCHES OF WATER IN SNOWPACK



INCHES OF WATER IN SNOWPACK



INDEX TO UTAH, BEAR & UPPER COLORADO RIVER BASINS

GREAT BASIN DRAINAGE

Number	State	Name	Section	Township	Range	Elevation	Number	State	Name	Section	Township	Range	Elevation	Number	State	Name	Section	Township	Range	Elevation
10G11	W	UPPER BEAR RIVER (above Harts, Utah)	7	27N	11W	8,700	12J2	U	JOHNS RIVER & GREAT SALT LAKE	24	45	4W	6,450	10J14a	U	DUCHESSNE RIVER	13	4N	4W	10,840
10G12	W	Big Park	19	34	10E	7,900	12J3P	U	Bear's Cabin	24	45	7W	9,250	10J14b	U	Arenosa Lake	8	2N	4W	10,640
10G13	W	Burt Miller Ranch	2	34	10E	7,900	12J3P	U	Desert Peak	24	45	7W	9,250	10J14c	U	Brown Dick Ridge	8	2N	4W	10,640
10G14	W	LCC Camp	2	34	10E	7,900	12J3P	U	Madison Canyon No. 2	24	45	3E	7,000	10J14d	U	Carroll Park	26	1S	11W	8,000
10G15	W	Kelly Ranger Station	13	26N	11E	9,400	12J3P	U	Madison Canyon	25	15	2E	7,000	10J14e	U	Carroll Park	26	1S	11W	8,000
10G16	W	Lily Lake	34	2N	10E	8,900	12J3P	U	Mill Creek	25	15	2E	7,000	10J14f	U	Carroll Park	26	1S	11W	8,000
10G17	W	Lyons Meadows B. S.	29	30N	11E	8,500	12J3P	U	Mill Creek	25	15	2E	7,000	10J14g	U	Carroll Park	26	1S	11W	8,000
10G18	W	Lyons Meadows	29	30N	11E	8,500	12J3P	U	Mill Creek	25	15	2E	7,000	10J14h	U	Carroll Park	26	1S	11W	8,000
10G19	W	Salt River Summit x	32	29N	11W	7,900	12K1P	U	Miller Canyon	35	25	3E	8,725	10J14i	U	Carroll Park	26	1S	11W	8,000
10G20	W	Snyder Basin x	32	29N	11W	7,900	12K1P	U	Miller Canyon	35	25	3E	8,725	10J14j	U	Carroll Park	26	1S	11W	8,000
10G21	U	Snyder Basin	32	29N	11E	8,540	12K1P	U	Miller Canyon	35	25	3E	8,725	10J14k	U	Carroll Park	26	1S	11W	8,000
10G22	U	Snyder Basin	32	29N	11E	8,540	12K1P	U	Miller Canyon	35	25	3E	8,725	10J14l	U	Carroll Park	26	1S	11W	8,000
10G23	U	Snyder Basin	32	29N	11E	8,540	12K1P	U	Miller Canyon	35	25	3E	8,725	10J14m	U	Carroll Park	26	1S	11W	8,000
10G24	U	Snyder Basin	32	29N	11E	8,540	12K1P	U	Miller Canyon	35	25	3E	8,725	10J14n	U	Carroll Park	26	1S	11W	8,000
10G25	U	Snyder Basin	32	29N	11E	8,540	12K1P	U	Miller Canyon	35	25	3E	8,725	10J14o	U	Carroll Park	26	1S	11W	8,000
10G26	U	Snyder Basin	32	29N	11E	8,540	12K1P	U	Miller Canyon	35	25	3E	8,725	10J14p	U	Carroll Park	26	1S	11W	8,000
10G27	U	Snyder Basin	32	29N	11E	8,540	12K1P	U	Miller Canyon	35	25	3E	8,725	10J14q	U	Carroll Park	26	1S	11W	8,000
10G28	U	Snyder Basin	32	29N	11E	8,540	12K1P	U	Miller Canyon	35	25	3E	8,725	10J14r	U	Carroll Park	26	1S	11W	8,000
10G29	U	Snyder Basin	32	29N	11E	8,540	12K1P	U	Miller Canyon	35	25	3E	8,725	10J14s	U	Carroll Park	26	1S	11W	8,000
10G30	U	Snyder Basin	32	29N	11E	8,540	12K1P	U	Miller Canyon	35	25	3E	8,725	10J14t	U	Carroll Park	26	1S	11W	8,000
10G31	U	Snyder Basin	32	29N	11E	8,540	12K1P	U	Miller Canyon	35	25	3E	8,725	10J14u	U	Carroll Park	26	1S	11W	8,000
10G32	U	Snyder Basin	32	29N	11E	8,540	12K1P	U	Miller Canyon	35	25	3E	8,725	10J14v	U	Carroll Park	26	1S	11W	8,000
10G33	U	Snyder Basin	32	29N	11E	8,540	12K1P	U	Miller Canyon	35	25	3E	8,725	10J14w	U	Carroll Park	26	1S	11W	8,000
10G34	U	Snyder Basin	32	29N	11E	8,540	12K1P	U	Miller Canyon	35	25	3E	8,725	10J14x	U	Carroll Park	26	1S	11W	8,000
10G35	U	Snyder Basin	32	29N	11E	8,540	12K1P	U	Miller Canyon	35	25	3E	8,725	10J14y	U	Carroll Park	26	1S	11W	8,000
10G36	U	Snyder Basin	32	29N	11E	8,540	12K1P	U	Miller Canyon	35	25	3E	8,725	10J14z	U	Carroll Park	26	1S	11W	8,000
10G37	U	Snyder Basin	32	29N	11E	8,540	12K1P	U	Miller Canyon	35	25	3E	8,725	10J14aa	U	Carroll Park	26	1S	11W	8,000
10G38	U	Snyder Basin	32	29N	11E	8,540	12K1P	U	Miller Canyon	35	25	3E	8,725	10J14ab	U	Carroll Park	26	1S	11W	8,000
10G39	U	Snyder Basin	32	29N	11E	8,540	12K1P	U	Miller Canyon	35	25	3E	8,725	10J14ac	U	Carroll Park	26	1S	11W	8,000
10G40	U	Snyder Basin	32	29N	11E	8,540	12K1P	U	Miller Canyon	35	25	3E	8,725	10J14ad	U	Carroll Park	26	1S	11W	8,000
10G41	U	Snyder Basin	32	29N	11E	8,540	12K1P	U	Miller Canyon	35	25	3E	8,725	10J14ae	U	Carroll Park	26	1S	11W	8,000
10G42	U	Snyder Basin	32	29N	11E	8,540	12K1P	U	Miller Canyon	35	25	3E	8,725	10J14af	U	Carroll Park	26	1S	11W	8,000
10G43	U	Snyder Basin	32	29N	11E	8,540	12K1P	U	Miller Canyon	35	25	3E	8,725	10J14ag	U	Carroll Park	26	1S	11W	8,000
10G44	U	Snyder Basin	32	29N	11E	8,540	12K1P	U	Miller Canyon	35	25	3E	8,725	10J14ah	U	Carroll Park	26	1S	11W	8,000
10G45	U	Snyder Basin	32	29N	11E	8,540	12K1P	U	Miller Canyon	35	25	3E	8,725	10J14ai	U	Carroll Park	26	1S	11W	8,000
10G46	U	Snyder Basin	32	29N	11E	8,540	12K1P	U	Miller Canyon	35	25	3E	8,725	10J14aj	U	Carroll Park	26	1S	11W	8,000
10G47	U	Snyder Basin	32	29N	11E	8,540	12K1P	U	Miller Canyon	35	25	3E	8,725	10J14ak	U	Carroll Park	26	1S	11W	8,000
10G48	U	Snyder Basin	32	29N	11E	8,540	12K1P	U	Miller Canyon	35	25	3E	8,725	10J14al	U	Carroll Park	26	1S	11W	8,000
10G49	U	Snyder Basin	32	29N	11E	8,540	12K1P	U	Miller Canyon	35	25	3E	8,725	10J14am	U	Carroll Park	26	1S	11W	8,000
10G50	U	Snyder Basin	32	29N	11E	8,540	12K1P	U	Miller Canyon	35	25	3E	8,725	10J14an	U	Carroll Park	26	1S	11W	8,000
10G51	U	Snyder Basin	32	29N	11E	8,540	12K1P	U	Miller Canyon	35	25	3E	8,725	10J14ao	U	Carroll Park	26	1S	11W	8,000
10G52	U	Snyder Basin	32	29N	11E	8,540	12K1P	U	Miller Canyon	35	25	3E	8,725	10J14ap	U	Carroll Park	26	1S	11W	8,000
10G53	U	Snyder Basin	32	29N	11E	8,540	12K1P	U	Miller Canyon	35	25	3E	8,725	10J14aq	U	Carroll Park	26	1S	11W	8,000
10G54	U	Snyder Basin	32	29N	11E	8,540	12K1P	U	Miller Canyon	35	25	3E	8,725	10J14ar	U	Carroll Park	26	1S	11W	8,000
10G55	U	Snyder Basin	32	29N	11E	8,540	12K1P	U	Miller Canyon	35	25	3E	8,725	10J14as	U	Carroll Park	26	1S	11W	8,000
10G56	U	Snyder Basin	32	29N	11E	8,540	12K1P	U	Miller Canyon	35	25	3E	8,725	10J14at	U	Carroll Park	26	1S	11W	8,000
10G57	U	Snyder Basin	32	29N	11E	8,540	12K1P	U	Miller Canyon	35	25	3E	8,725	10J14au	U	Carroll Park	26	1S	11W	8,000
10G58	U	Snyder Basin	32	29N	11E	8,540	12K1P	U	Miller Canyon	35	25	3E	8,725	10J14av	U	Carroll Park	26	1S	11W	8,000
10G59	U	Snyder Basin	32	29N	11E	8,540	12K1P	U	Miller Canyon	35	25	3E	8,725	10J14aw	U	Carroll Park	26	1S	11W	8,000
10G60	U	Snyder Basin	32	29N	11E	8,540	12K1P	U	Miller Canyon	35	25	3E	8,725	10J14ax	U	Carroll Park	26	1S	11W	8,000
10G61	U	Snyder Basin	32	29N	11E	8,540	12K1P	U	Miller Canyon	35	25	3E	8,725	10J14ay	U	Carroll Park	26	1S	11W	8,000
10G62	U	Snyder Basin	32	29N	11E	8,540	12K1P	U	Miller Canyon	35	25	3E	8,725	10J14az	U	Carroll Park	26	1S	11W	8,000
10G63	U	Snyder Basin	32	29N	11E	8,540	12K1P	U	Miller Canyon	35	25	3E	8,725	10J14ba	U	Carroll Park	26	1S	11W	8,000
10G64	U	Snyder Basin	32	29N	11E	8,540	12K1P	U	Miller Canyon	35	25	3E	8,725	10J14bb	U	Carroll Park	26	1S	11W	8,000
10G65	U	Snyder Basin	32	29N	11E	8,540	12K1P	U	Miller Canyon	35	25	3E	8,725	10J14bc	U	Carroll Park	26	1S	11W	8,000
10G66	U	Snyder Basin	32	29N	11E	8,540	12K1P	U	Miller Canyon	35	25	3E	8,725	10J14bd	U	Carroll Park	26	1S	11W	8,000
10G67	U	Snyder Basin	32	29N	11E	8,540	12K1P	U	Miller Canyon	35	25	3E	8,725	10J14be	U	Carroll Park	26	1S	11W	8,000
10G68	U	Snyder Basin	32	29N	11E	8,540	12K1P	U	Miller Canyon	35	25	3E	8,725	10J14bf	U	Carroll Park	26	1S	11W	8,000
10G69	U	Snyder Basin	32	29N	11E	8,540	12K1P	U	Miller Canyon	35	25	3E	8,725	10J14bg	U	Carroll Park	26	1S	11W	8,000
10G70	U	Snyder Basin	32	29N	11E	8,540	12K1P	U	Miller Canyon	35	25	3E	8,725	10J14bh	U	Carroll Park	26	1S	11W	8,000
10G71	U	Snyder Basin	32	29N	11E	8,540	12K1P	U	Miller Canyon	35	25	3E	8,725	10J14bi	U	Carroll Park	26	1S	11W	8,000
10G72	U	Snyder Basin	32	29N	11E	8,540	12K1P	U	Miller Canyon	35	25	3E	8,725	10J14bj	U					



United States
Department of
Agriculture

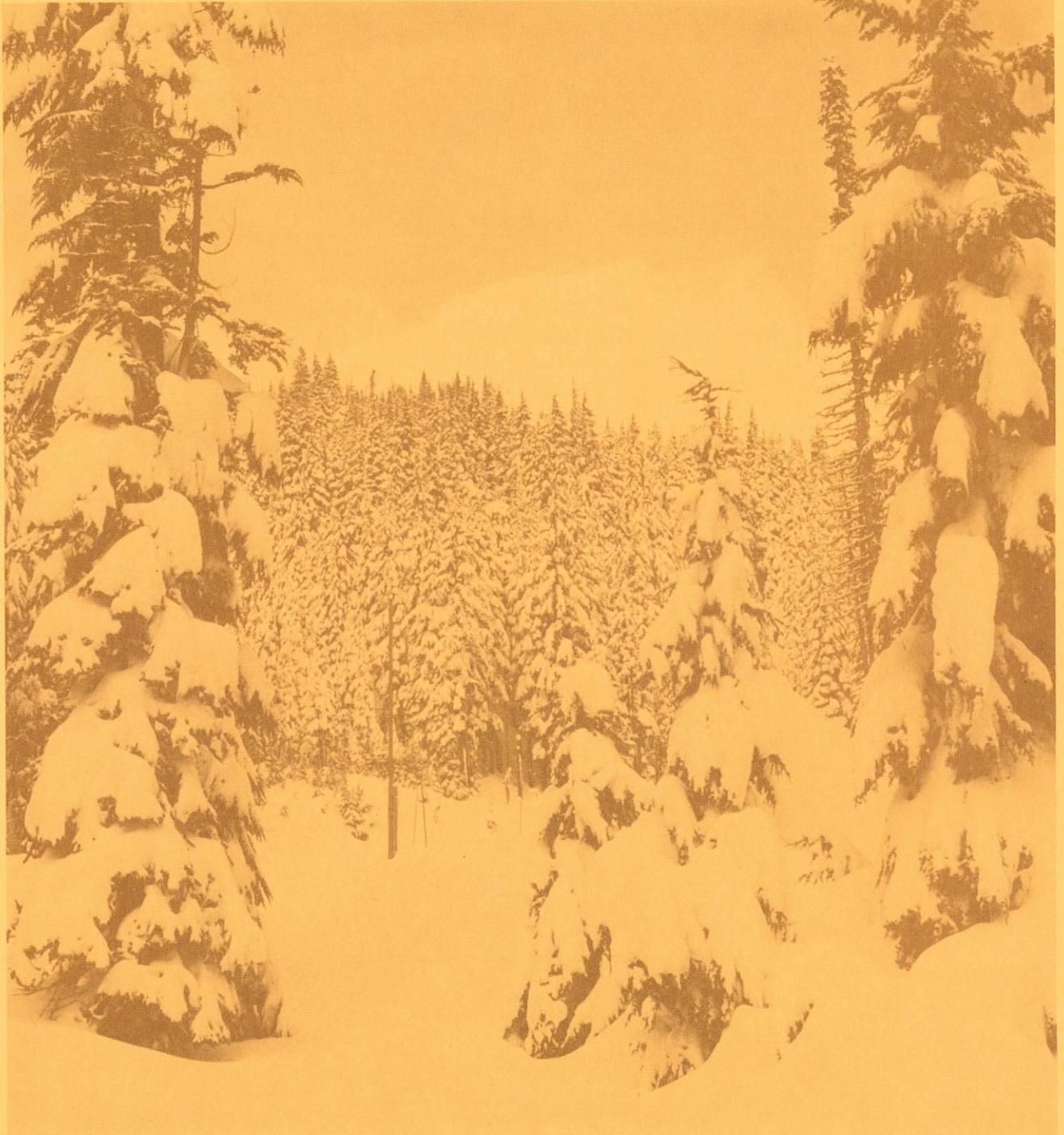
Soil
Conservation
Service

Salt Lake City
Utah



WATER SUPPLY OUTLOOK FOR UTAH

in Cooperation with Utah State Department
of Natural Resources



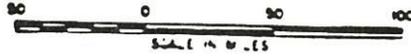
March 1, 1985

PROSPECTIVE WATER SUPPLIES

Based on Snow Surveys Made on
UTAH and BEAR RIVER WATERSHEDS

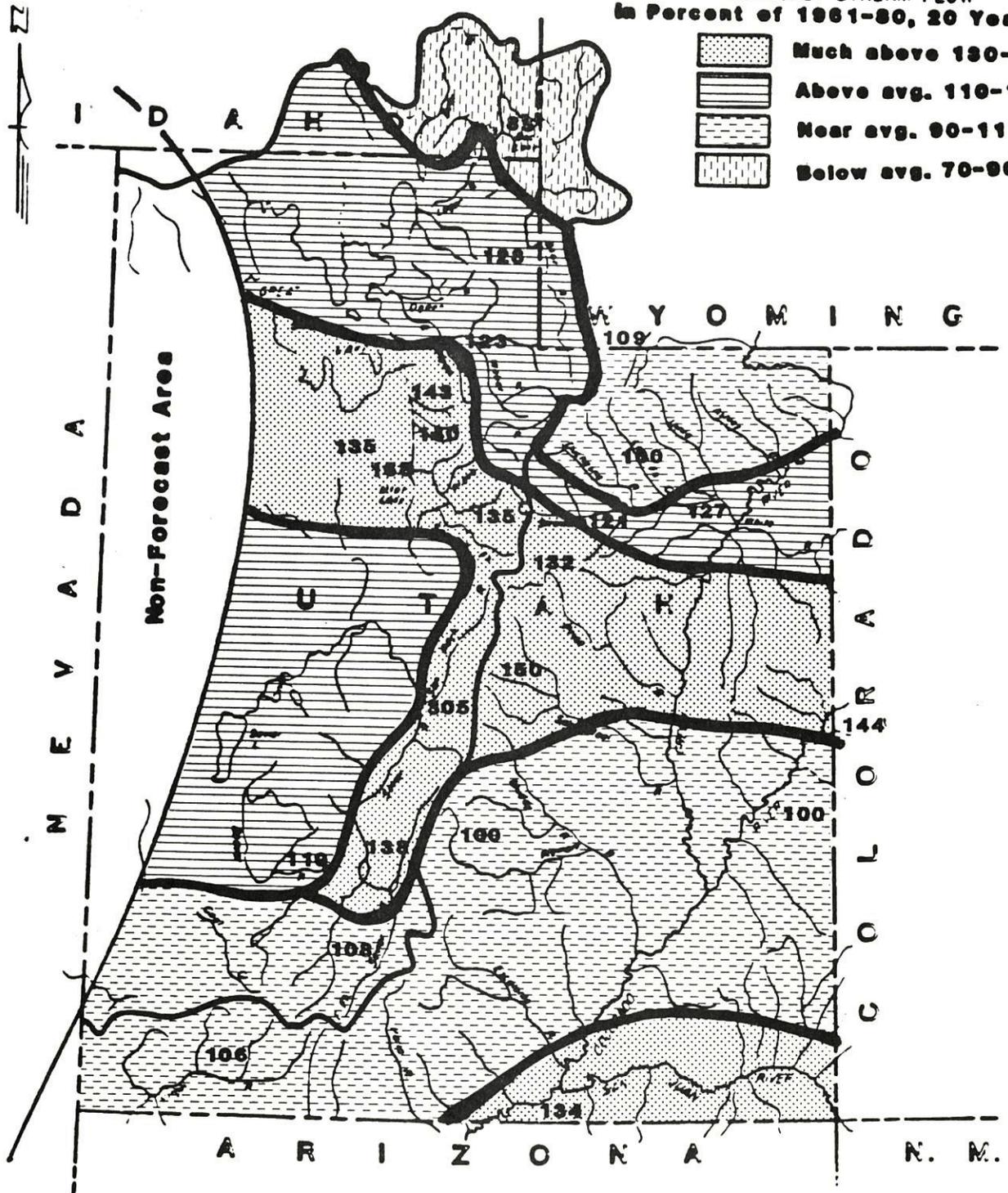
March 1, 1985

Approximate Date



FORECAST STREAM FLOW
 In Percent of 1961-80, 20 Year Average

-  Much above 130-
-  Above avg. 110-130
-  Near avg. 90-110
-  Below avg. 70-90



The President's 1986 budget request to Congress calls for termination of the Snow Survey and Water Supply Forecast activity within the U. S. Soil Conservation Service for fiscal policy reasons. If the President's budget request is enacted by Congress the Snow Survey Program will be eliminated by the end of fiscal year 1986. This action would conclude over 50 years of federally coordinated snow survey effort in the Western U. S..

As of March 1, 1985

*
* Utah's 1985 Water Supply Outlook ranges from near *
* average to above average. Snow cover varies from about *
* 35% below average on the LaSal Mountains to 35% above *
* average in the southwestern corner of the state. *
* Mountain precipitation was again generally less than *
* average but soil moisture is above average. Reservoir *
* storage is 133% of average and streamflow forecasts *
* range from 20% below average to about three to five *
* times average. *
* *

SNOW COVER

Snow measurements about the 1st of March again show a drop compared to average and now range from 64% of the March 1 average on LaSal Mountains to 133% on the Enterprise-New Harmony area. Most snow measurements increased less than half the average increase in the Uinta's and southern Utah and some even showed a slight decrease in water content.

Other basin snow cover percentages are as follows: Bear 101%, Ogden 109%, Weber 106%, Jordan River-Salt Lake 115%, Utah Lake 100%, Duchesne River 105%, Price River 99%, San Rafael River 101%, Fremont River 98%, Escalante River 97%, Upper Sevier River 102%, Lower Sevier River 96%, Beaver River 105%, Virgin River 107%, and Blue Mountains 105% of the March 1 average for the 1961-1980 twenty year period.

PRECIPITATION

Precipitation at mountain stations was again below average for most areas of the state. A few stations on the east end of the Uintas and on Bear River were average to 30% above average but most stations measured only 30 to 80% of the February average.

SOIL MOISTURE

Watershed soils are wetter than average again this year except on the east end of the Uinta's and in the southeast corner of the state which are near average.

RESERVOIR STORAGE

Storage in 27 of Utah's key irrigation reservoirs is now 133% of the March 1, 20 year average and 89% of useable capacity.

The Great Salt Lake is now at 4209.15 feet. This is 2.45 feet higher than last year at this time and only 0.10 feet below last year's peak. The Lake is expected to peak at 4210.5 feet.

Utah Lake is now 2.72 feet above compromise and is expected to peak at 3.20 to 4.00 feet above compromise this year.

STREAMFLOW FORECASTS

Streamflow forecasts dropped again this month and now range from 80% of average on Thomas Fork of the Bear to 580% for the Vermillion Dam to Gunnison reach of the Lower Sevier. Carryover base flow is again holding Lower Sevier River forecasts much higher than they would normally be from snowmelt runoff.

Individual forecasts are as follows: Bear River near Utah-Wyo. line 118%, at Harer 85%, Logan River 114%, Ogden River 116%, Weber River 116% at Oakley, 123% at Gateway, Parley's Creek 143%, Provo near Hailstone 113%, Utah Lake Inflow 168%, Strawberry Inflow 135%, Duchesne at Duchesne 121%, at Tabiona 105%, at Randlett 128%, Lakefork 100%, Ashley Creek 112%, and Black's Fork 109% of the April-July average.

Price River is forecast 132% for Scofield Inflow and 158% at Heiner, Huntington Creek is forecast 139%, Cottonwood 150%, Ferron 127%, Muddy 119%, and Seven Mile and Mill Creeks 100% of average.

The Sevier River is forecast 108% at Hatch, 133% at Kingston, 305% at Gunnison, Clear Creek 116%, Salina Creek 124%, Chicken Creek 113%, and Chalk Creek 112% of the April-July average.

Beaver River is forecast 119% at Beaver and 145% for Minersville Inflow. Coal Creek is forecast 100%, Virgin near Hurricane 106% and Santa Clara 89% of average.

Water users are expected to have adequate water supplies this season and spring runoff peaks are expected to cause fewer problems than the last two seasons.

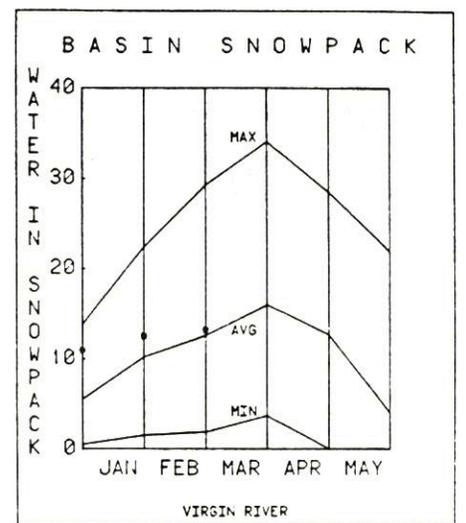
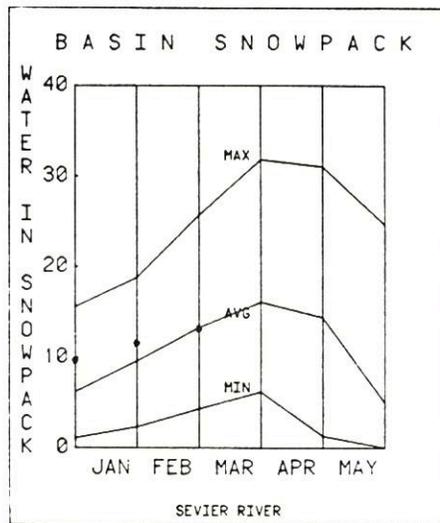
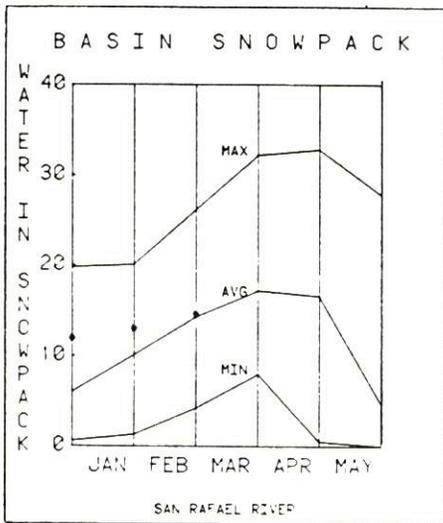
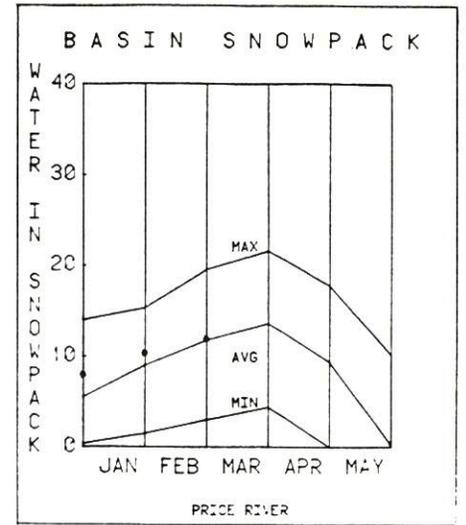
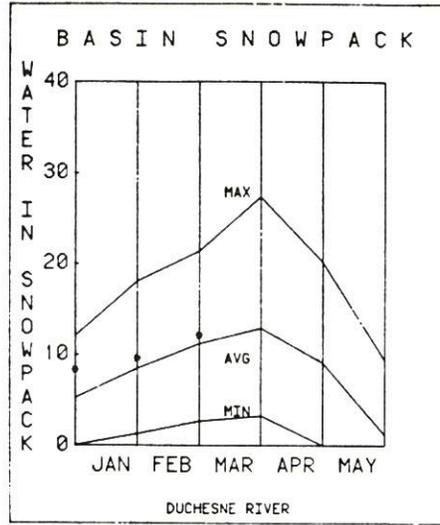
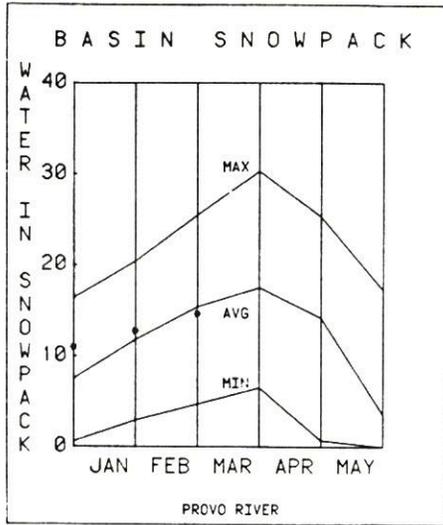
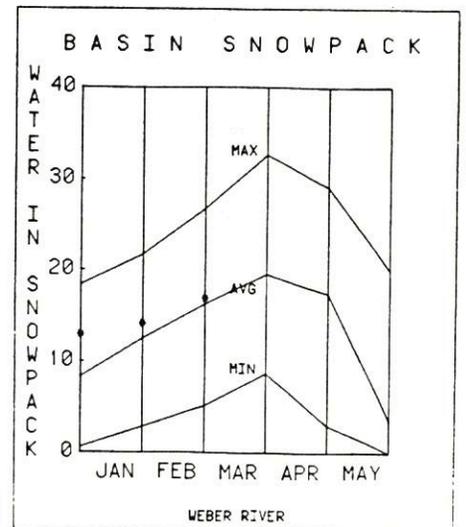
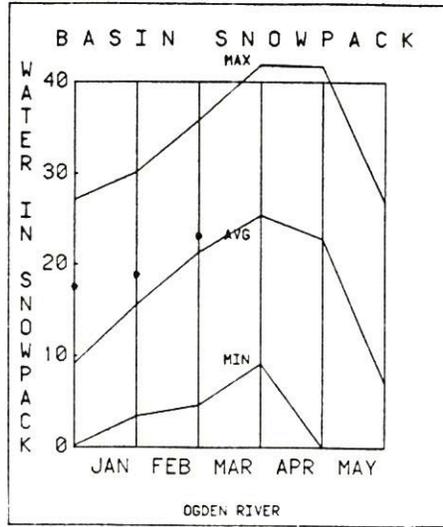
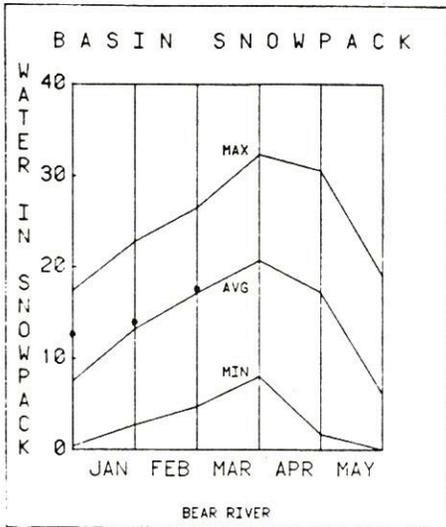
RESERVOIR STORAGE (Thousand Acre Feet) END OF MONTH

Basin or Stream	RESERVOIR	Usable Capacity	Usable Storage		
			This Year	Last Year	Average†
GREAT BASIN					
<u>Bear River</u>	Bear Lake	1421.0	1061.2	1077.9	979.6
	Woodruff Narrows	57.3	57.8	55.4	--
	Woodruff Creek	4.0	4.0	3.5	--
<u>Beaver River</u>	Minersville (RkyFd)	26.0	23.8	22.5	12.9
<u>Little Bear</u>	Hyrum	15.3	10.3	10.4	10.8
	Porcupine	11.3	4.6	5.0	3.7 ^b
<u>Ogden</u>	Causey	6.9	1.8	1.4	2.3 ^b
	Pineview	110.1	51.4	21.3	48.7 ^b
<u>Provo</u>	Deer Creek	149.7	113.7	123.7	95.5
<u>Settlement Creek</u>	Settlement Creek	1.2	0.0		0.7 ^b
	Vernon Creek	0.6	0.0	0.6	0.5 ^b
<u>Sevier River</u>	Gunnison	18.2	15.0	13.8	14.0 ^b
	Otter Creek	52.5	47.7	49.0	31.2
	Piute	71.8	61.8	57.1	41.5
	Sevier Bridge	236.0	217.2	208.0	119.6
	Panguitch Lake	22.3	20.3	20.6	--
<u>Spanish Fork</u>	Strawberry	270.0	244.0	270.0	142.4
	Utah Lake	883.9	1166.6	1201.8	689.4
<u>Weber</u>	East Canyon	48.1	26.6	20.0	35.6 ^b
	Echo	73.9	43.1	24.8	49.5
	Lost Creek	20.0	13.2	4.4	13.4 ^b
	Rockport	60.9	31.7	27.7	30.2
	Willard Bay	193.3	147.8	121.7	144.7 ^b
COLORADO R. BASIN					
<u>Ashley Creek</u>	Steinaker	33.3	30.2	26.0	21.1 ^b
	Red Fleet	26.0	20.4	18.1	--
<u>Colorado</u>	Blue Mesa	829.5	438.1	375.0	--
	Lake Powell	25002.0	21348.0	21478.0	--
<u>Green</u>	Flaming Gorge	3749.0	3036.5	3151.0	--
<u>Lakefork</u>	Moon Lake	35.8	28.3	29.1	16.8
<u>Price River</u>	Scotfield	65.8	51.0	49.8	32.2
<u>San Juan</u>	Navajo	1696.0	1385.2	1352.0	--
	Ken's Lake	2.3	0.6	1.6	--
<u>San Rafael</u>	Huntington North	3.9	4.4	2.8	3.0 ^b
	Joe's Valley	54.6	49.3	49.1	44.6 ^b
	Mill Site	16.7	11.0	13.5	4.0 ^b
<u>Strawberry</u>	Starvation	165.3	126.0	95.1	112.1 ^b
	Soldier Creek	951.4	184.8	61.0	--
	Currant Creek	15.5	7.1	5.1	--
<u>Uintah</u>	Bottle Hollow	11.3	11.3	11.0	10.2 ^b

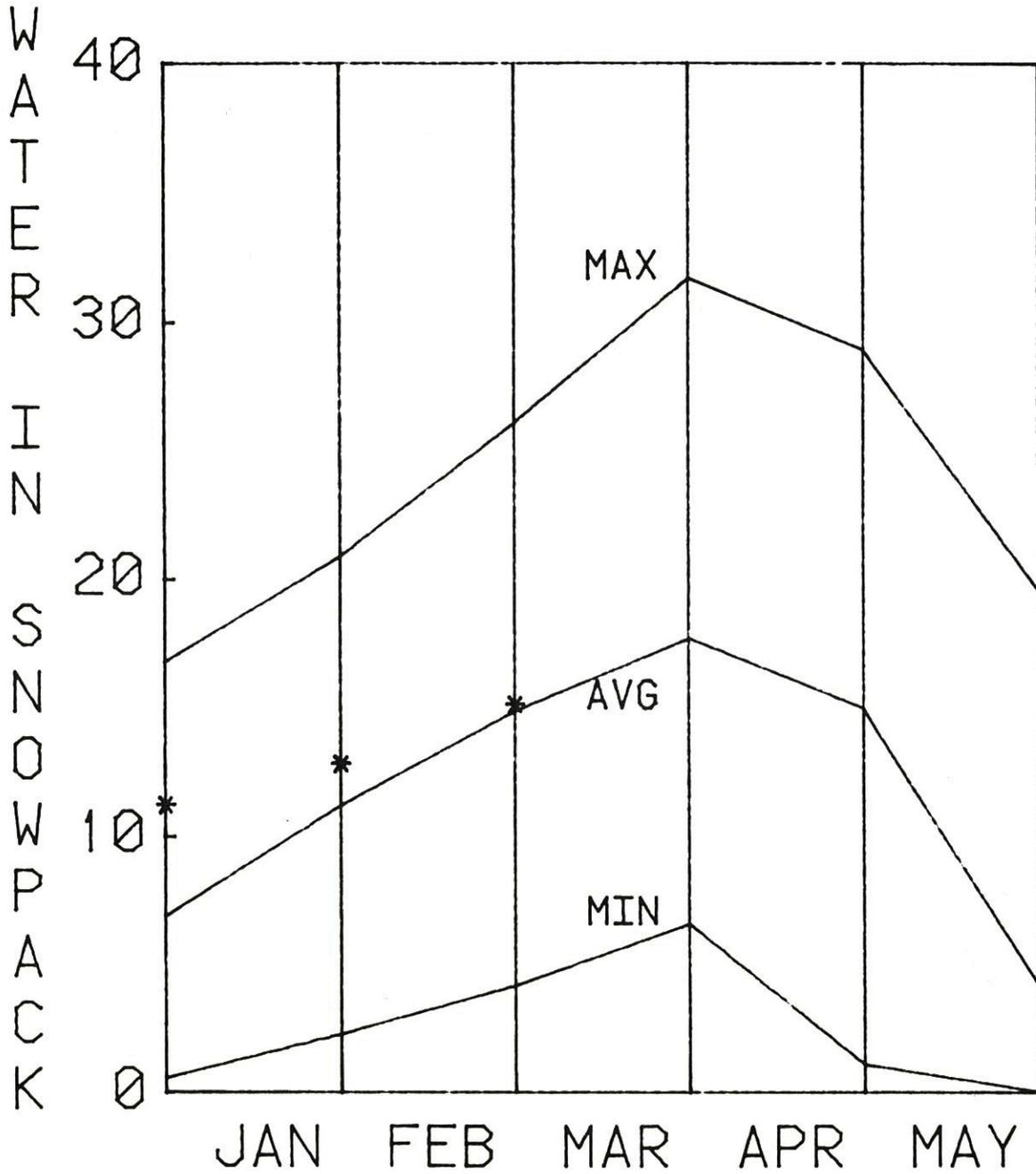
a - Partly estimated

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

+ - 1961-80 20 year average period



B A S I N S N O W P A C K

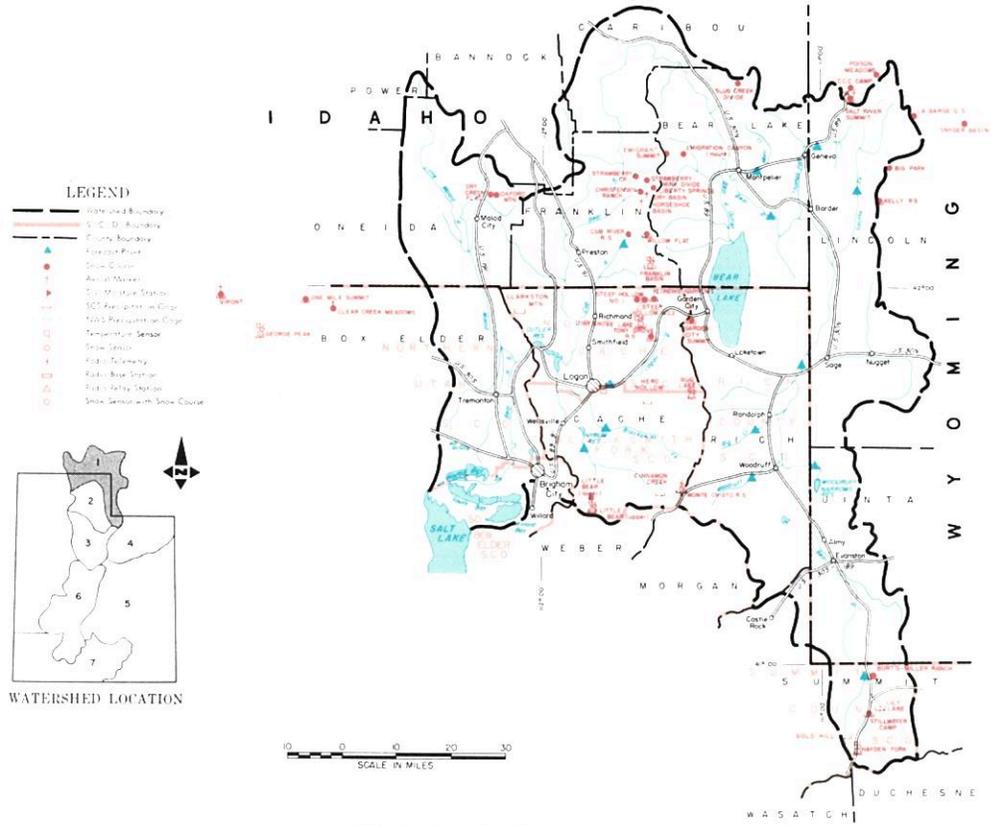


UTAH STATEWIDE

WATER SUPPLY OUTLOOK

BEAR RIVER BASIN in UTAH

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



THE WATER SUPPLY OUTLOOK IS NEAR AVERAGE

SNOW COVER dropped 1 to 7 % of average during February and now ranges from 78% of the March 1 average on Raft River to 103% on the Lower Bear. Logan River is now 101% of average.

PRECIPITATION at mountain stations ranged from 55% of the February average at Klondike Narrows on the Logan to 128% at Willow Flat on Cub River.

SOIL MOISTURE is above average over most of the area.

RESERVOIR STORAGE is generally above average except in Hyrum Reservoir which is 500 acre feet below average.

STREAMFLOW FORECASTS dropped as much as 13% on Little Bear and Big Creek and now range from 80% of average on Thomas Fork to 147% on Big Creek.

Other forecasts are as follows: Bear near Utah-Wyo. Line 118%, near Woodruff 128%, Woodruff Creek 109%, near Randolph 126%, Smith's Fork 84%, at Harer, Idaho 85%, Cub River 91%, Logan River 114% and Blacksmith Fork 120%.

Peak flows are expected to be near average this season and all water users should have an adequate water supply.

BEAR RIVER BASIN IN UTAH

STREAMFLOW FORECASTS

BASIN, STREAM and/or FORECAST POINT	THIS YEAR		FORECAST PERIOD	PAST RECORD	
	Thousand Acre Feet	Percent of Average		Last Year	Average
BEAR RIVER					
Bear nr UT-Wyo. State Line	130	118	Apr-July	162	110
Bear nr Woodruff 1/	179	128	Apr-July	270	139
Woodruff Crk nr Woodruff, UT	18.8	109	Apr-July		17.3
Big Creek nr Randolph, UT	7.8	147	Apr-July		5.3
Bear nr Randolph 1/	139	126	Apr-July		110
Thomas Fork nr ID-WY State Ln	28	80	Apr-Sept		35
Smith's Fork nr Border, WY	100	84	Apr-Sept		119
Bear at Harer, Idaho 1/	264	85	Apr-Sept		310
Logan nr Logan 1/	133	114	Apr-July	212	116
Blacksmith Fork nr Hyrum	61	120	Apr-July	129	51
Little Bear nr Paradise	39	102	Apr-June	97	38
Cub River nr Preston, ID	42	91	Apr-July		52

SUMMARY of SNOW MEASUREMENTS (COMPARISON WITH PREVIOUS YEARS)

RIVER BASIN and/or SUB-WATERSHED	Number of Courses Averaged	THIS YEAR AS A PERCENT OF	
		Last Year	Average
BEAR RIVER	16	78	101
UPPER BEAR RIVER	5	86	97
LOWER BEAR RIVER	11	75	103
LOGAN RIVER	7	78	101
RAFT RIVER	4	60	78

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

RESERVOIR STORAGE (Thousand Acre Feet)

BASIN OR STREAM	RESERVOIR	Usable Capacity	USEABLE STORAGE		
			This Year	Last Year	Average
BEAR RIVER	Bear Lake	1421.0	1061.2	1077.9	979.6
	Woodruff Narrows	55.8	57.8	55.4	--
	Woodruff Creek	3.5	4.0	3.5	--
LITTLE BEAR	Hyrum	15.3	10.3	10.4	10.8
	Porcupine	11.3	4.6	5.0	3.7 ^b

PEAK FLOWS^e

FORECAST POINT	PEAK FLOW (SECOND FEET)	
	Forecast Range	Average
Bear nr. Ut.-Wyo. Stateline	1450-2195	1506
Woodruff Creek nr Woodruff	230-375	253
Big Creek nr Randolph	65-105	48 ^b
Logan River nr Logan	770-1355	980
Little Bear nr Paradise	390-712	519

SNOW

DRAINAGE BASIN and/or SNOW COURSE	THIS YEAR			PAST RECORD	
	Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Last Year	Average
Burts-Miller Ranch	2/26	20	4.0	4.7	4.7
Cub River R.S.	2/25	33	8.3	14.5	8.6
Emigrant Summit	2/25	65	19.9	29.3	21.9
Franklin Basin	2/25	66	21.9	26.7	21.7
Garden City Summit	2/25	58	17.4	21.4	15.5
Hayden Fork	2/26	48	13.3	15.9	13.4
Klondike Narrows	2/25	57	18.1	22.9	17.5

SNOW

DRAINAGE BASIN and/or SNOW COURSE	THIS YEAR			PAST RECORD	
	Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Last Year	Average
Little Bear Lower	2/24	38	10.5	14.6	9.3
Little Bear Upper	2/24	47	13.7	18.0	11.0
Monte Cristo	2/24	65	22.2	26.2	22.1
Salt River Summit	2/28	48	11.8	13.9	14.5
Stillwater Camp	2/26	38	8.7	9.9	8.9
Tony Grove R.S.	2/25	45	12.3	16.8	11.1

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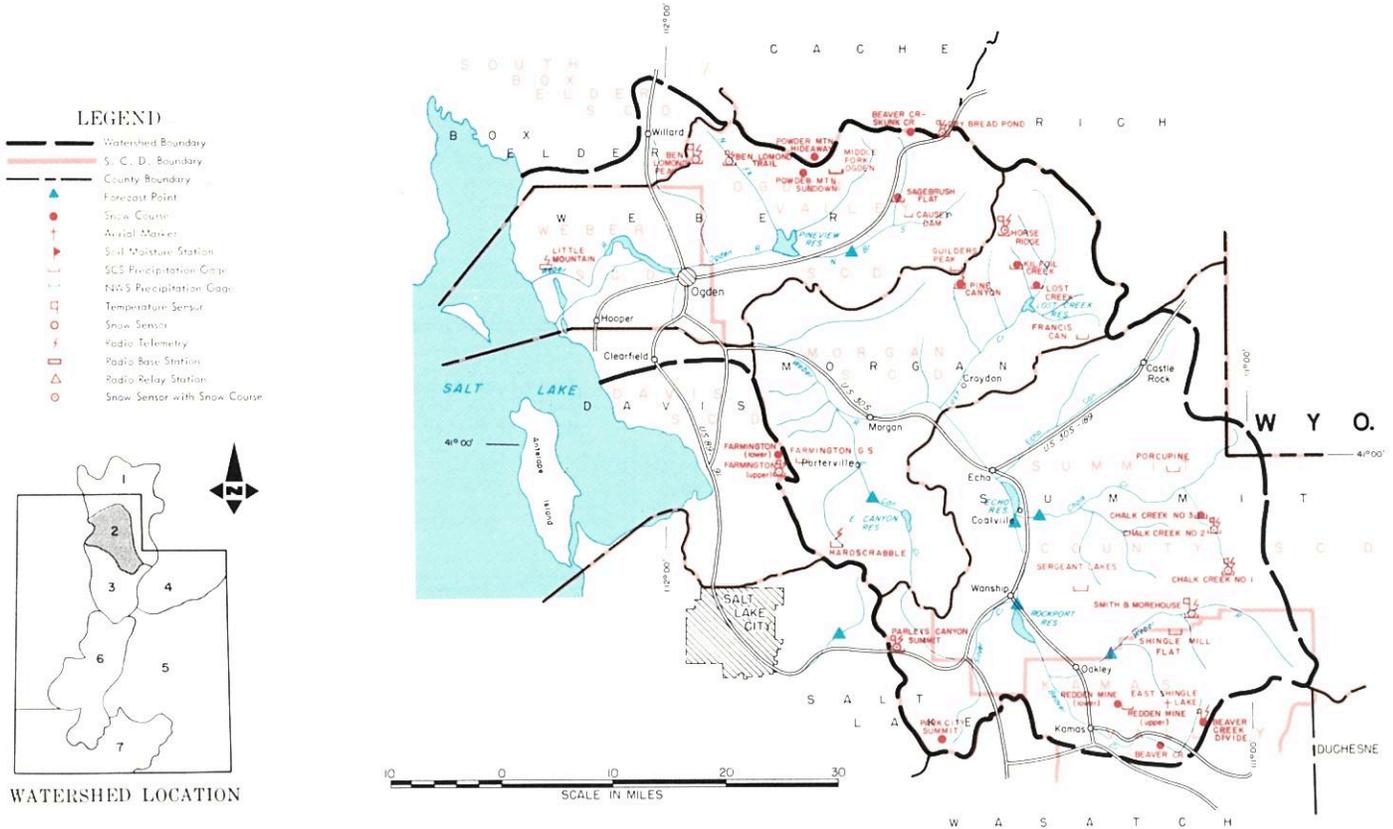
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"The Conservation of Water begins with the Snow Survey"

WATER SUPPLY OUTLOOK

WEBER-OGDEN WATERSHEDS in UTAH

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



MARCH 1, 1985

THE WATER SUPPLY OUTLOOK IS ABOVE AVERAGE

SNOW COVER dropped 12 and 9% respectively and is now 109% of the March 1 average on the Ogden and 106% on Weber Basin. Ogden River snow cover is 30% less than last year and Weber Basin 22% less than last year on March 1st.

PRECIPITATION at mountain stations ranged from 69% of the February average at Parley's Summit to 105% at Monte Cristo R.S. Most areas were 75 to 90% of average.

SOIL MOISTURE is well above average.

RESERVOIR STORAGE in most reservoirs has been drawn down to provide space for spring runoff and are now 97% of the March 1 average.

STREAMFLOW FORECASTS dropped as much as 7% due to below average increases to the basin snow pack and now range from 113% of the April-July average on Farmington Creek to 157% of the April-June average on East Canyon Creek. Other forecasts are as follows: S. Fork Ogden 116%, Pineview Inflow 117%, Weber near Oakley 116%, Rockport Inflow 118%, near Coalville 119%, Chalk Creek 118%, Lost Creek 141%, Hardscrabble 141%, Echo Inflow 123%, and Weber at Gateway 123% of the April-June average. Peak flows are expected to be in the near average range this season and all water users are expected to have adequate water supplies assuming near average precipitation for the remainder of the snow melt season.

WEBER-OGDEN WATERSHEDS IN UTAH

STREAMFLOW FORECASTS

BASIN, STREAM and/or FORECAST POINT	THIS YEAR		FORECAST PERIOD	PAST RECORD	
	FORECAST			THOUSAND ACRE FEET	
	Thousand Acre Feet	Percent of Average		Last Year	Average
WEBER-OGDEN RIVERS					
Weber nr Oakley	118	116	Apr-June	156	102
Rockport Reservoir Inflow 1/	131	118	Apr-June	191	111
Chalk Creek at Coalville	43	118	Apr-June	78	36
Weber nr Coalville 1/	141	119	Apr-June	202	119
Lost Creek nr Croydon, UT 1/	22	141	Apr-June	37	15.6
East Canyon Creek nr Morgan 1/	40	157	Apr-June	63	25
Hardscrabble Crk nr Porterville	26	141	Apr-June	--	18.4
S. Fork Ogden nr Huntsville 1/	66	116	Apr-June	111	57
Pineview Reservoir Inflow 1/	134	117	Apr-June	309	115
Echo Reservoir Inflow 2/	178	123	Apr-June	235	145
Weber at Gateway 1/	371	123	Apr-June	650	300
JORDAN RIVER & SALT LAKE					
Farmington Crk nr Farmington	9.3	113	Apr-July	--	8.2

SUMMARY OF SNOW MEASUREMENTS (COMPARISON WITH PREVIOUS YEARS)

RIVER BASIN and/or SUB-WATERSHED	Number of Courses Averaged	THIS YEAR AS A PERCENT OF	
		Last Year	Average
		OGDEN RIVER	6
WEBER RIVER	14	78	106

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

RESERVOIR STORAGE (Thousand Acre Feet)

BASIN OR STREAM	RESERVOIR	Usable Capacity	USEABLE STORAGE		
			This Year	Last Year	Average
			OGDEN	Causey	6.9
	Pineview	110.1	51.4	21.3	48.7 ^b
WEBER	East Canyon	48.1	26.6	20.0	35.6 ^b
	Echo	73.9	43.1	24.8	49.5
	Lost Creek	20.0	13.2	4.4	13.4 ^b
	Rockport	60.9	31.7	27.7	30.2
	Willard Bay	193.3	147.8	121.7	144.7 ^b

PEAK FLOWS

FORECAST POINT	PEAK FLOW (SECOND FEET)	
	Forecast Range	Average
	South Fork Ogden nr Huntsville	640-1130
Chalk Creek nr Coalville	445-786	510
Weber nr Oakley	1370-2060	1540

SNOW

DRAINAGE BASIN and/or SNOW COURSE	THIS YEAR			PAST RECORD	
	Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Water Content (Inches)	
				Last Year	Average
Beaver Creek R.S.	2/26	31	7.6	10.5	7.8
Beaver Creek-Skunk Creek	2/24	38	12.2	16.3	11.2
Ben Lomond Peak	2/24	96	32.4	54.5	31.4
Ben Lomond Trail	2/24	67	21.7	28.8	15.8
Chalk Creek #1	2/26	65	19.1	23.1	18.1
Chalk Creek #2	2/26	48	12.4	14.5	12.2
Chalk Creek #3	2/26	30	7.5	8.0	6.7
Dry Bread Pond	2/24	54	16.3	22.1	16.2
Farmington Upper	2/24	81	28.4	40.1	25.6

SNOW

DRAINAGE BASIN and/or SNOW COURSE	Date of Survey	Snow Depth (Inches)	Water Content (Inches)	PAST RECORD	
				Last Year	Average
				Horse Ridge	2/24
Lost Creek Reservoir	2/24	24	5.9	8.9	5.5
Monte Cristo	2/24	65	22.2	26.2	22.1
Parleys Canyon Summit	2/27	55	16.8	23.1	15.9
Sagebrush Flat	2/24	24	5.6	9.2	4.8
Smith & Morehouse	2/26	42	11.9	14.4	11.4
Trial Lake	2/26	64	19.4	22.3	20.8

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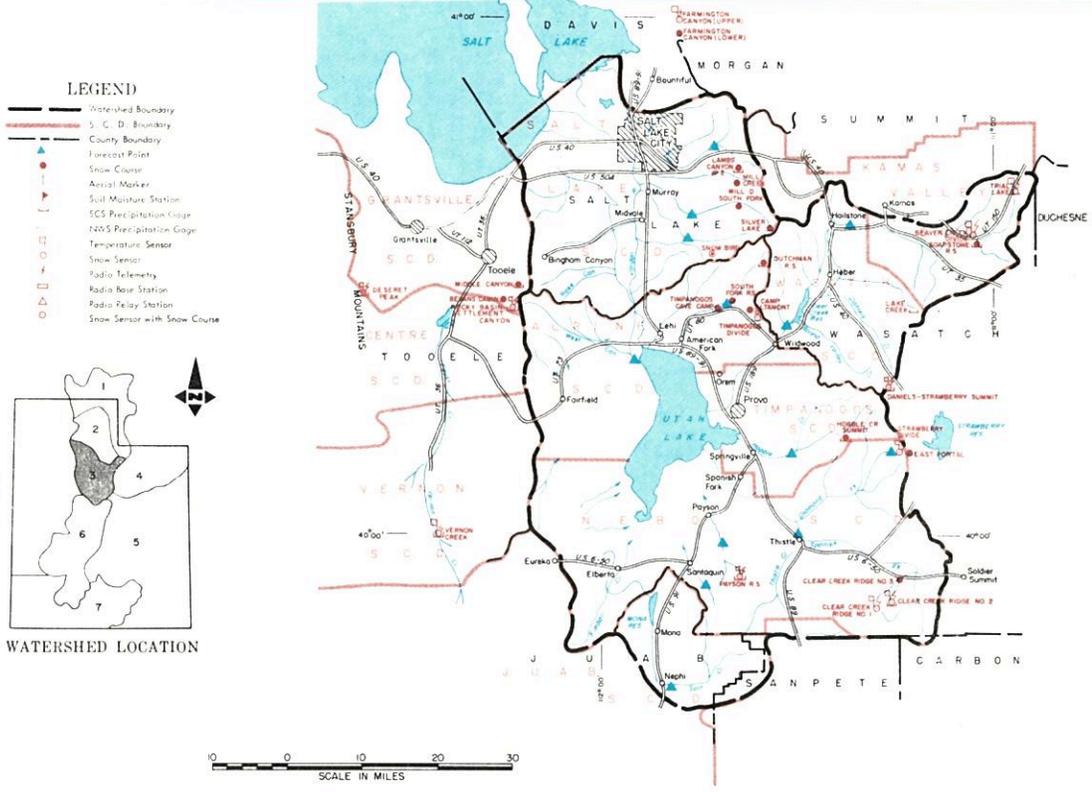
FIRST CLASS MAIL

"The Conservation of Water begins with the Snow Survey"

WATER SUPPLY OUTLOOK

UTAH LAKE, JORDAN RIVER and TOOELE VALLEY WATERSHEDS in UTAH

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



MARCH 1, 1985
THE WATER SUPPLY OUTLOOK IS ABOVE AVERAGE

SNOW COVER dropped as much as 24% of average during February and now ranges from 94% of the March 1 average on Provo River to 120% for Tooele Valley-Vernon Creek. Jordan River-Salt Lake is now 110% and Utah Lake drainages 100% of the March 1 average. These areas range 12 to 35% less than last year at this time.

PRECIPITATION at mountain stations ranged from 55% of the February average at Hobbles Summit to 165% at Clear Creek #2, Clear Creek #2 was the only site above average in this area.

SOIL MOISTURE is above average.

RESERVOIR STORAGE is still above average but less than last year at this time. Strawberry is still draining into Soldier Creek. The two levels should equalize by April 1st. Utah Lake is 2.72 feet over compromise and Great Salt Lake is now 4,209.15 feet above sea level or 2.45 feet higher than last year on March 1.

STREAMFLOW FORECASTS now range from, 113% of the April-July average for Provo near Hailstone to 168% for Utah Lake Inflow. Most forecasts dropped 2 to 18% and are now as follows: Payson Creek 119%, Spanish Fork 142%, Hobbles Summit 150%, Provo below Deer Creek Dam 125% and Americal Fork 122%. Streams along the Salt Lake Front are forecast from 120 to 143% of average and those in Tooele Valley 133 to 138% of average. Peak flows are expected to be in the near average range and are expected to cause damage only around Utah Lake and Great Salt Lake is normal temperature and precipitation occurs during the snow melt season. All water users are expected to have adequate water supplies this season.

USDA SCS FORT WORTH, TEXAS 1983 M7-QL-22027-3

UTAH LAKE, JORDAN RIVER AND TOOELE VALLEY WATERSHEDS IN UTAH

STREAMFLOW FORECASTS

BASIN, STREAM and/or FORECAST POINT	THIS YEAR		FORECAST PERIOD	PAST RECORD	
	FORECAST *			THOUSAND ACRE FEET	
	Thousand Acre Feet	Percent of Average		Last Year †	Average ‡
PROVO RIVER AND UTAH LAKE					
Provo nr Hailstone 1/	120	113	Apr-July	176	106
Provo below Deer Creek Dam1/	150	125	Apr-July	--	118
American Fork nr American Fk	38	122	Apr-July	--	31
Hobble Creek nr Springville	26	150	Apr-July	--	18.7
Strawberry Reservoir Inflow1/	72	135	Apr-July	87	53
Spanish Fork at Thistle	57	142	Apr-July		40
Payson Creek nr Payson	7.4	119	Apr-July		6.2
Utah Lake Inflow	400	168	Apr-July		238
JORDAN RIVER & SALT LAKE					
Little Cottonwood Crk nr SLC	46	120	Apr-July	61	38
Big Cottonwood nr SLC	52	140	Apr-July	59	37
Parley's Creek nr SLC	21	143	Apr-July	38	14.8
Mill Creek nr SLC	8.3	141	Apr-July	14.5	5.8
Emigration Creek nr SLC	5.1	138	Apr-July	11.7	3.7
City Creek nr SLC	9.4	120	Apr-July	18.0	7.7
TOOELE VALLEY					
Settlement Crk nr Tooele	3.1	135	Apr-July	--	2.3
S. Willow Crk nr Grantsville	4.0	133	Apr-July	6.6	3.0
Vernon Creek nr Vernon	1.1	138	Apr-June	3.1	1.2

SUMMARY of SNOW MEASUREMENTS (COMPARISON WITH PREVIOUS YEARS)

RIVER BASIN and/or SUB-WATERSHED	Number of Courses Averaged	THIS YEAR AS A PERCENT OF	
		Last Year	Average ‡
UTAH LAKE	9	79	100
PROVO RIVER	5	88	94
JORDAN RIVER & SALT LAKE	5	81	110
TOOELE VALLEY & VERNON CREEK	2	65	120

1 - Observed flow corrected for change in storage and diversions
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RESERVOIR STORAGE (Thousand Acre Feet)

BASIN OR STREAM	RESERVOIR	Usable Capacity	USEABLE STORAGE		
			This Year	Last Year	Average †
SPANISH FORK	Strawberry	270.0	244.0	270.0	142.4
UTAH LAKE	Utah Lake	883.9	1166.6	1201.8	689.4
	Settlement Creek	1.2	0.0	--	0.7 ^b
	Vernon Creek	0.6	0.0	0.6	0.5 ^b
PROVO	Deer Creek	149.7	113.7	123.7	95.5

PEAK FLOWS ^e

FORECAST POINT	PEAK FLOW (SECOND FEET)	
	Forecast Range	Average †
Big Cottonwood nr Salt Lake City	400-550	442
Little Cottonwood nr Salt Lake City	350-550	384
Provo Near Hailstone	1500-2000	2128
Spanish Fork nr Thistle	500-700	451 ^b
American Fork nr American Fork	330-470	329
Mill Creek nr Salt Lake City	55-75	59
Parley's Creek nr Salt Lake City	150-220	153
City Creek nr Salt Lake City	65-95	75
Emigration	40-65	--

SNOW

DRAINAGE BASIN and/or SNOW COURSE	THIS YEAR			PAST RECORD	
	Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Water Content (Inches)	
				Last Year	Average †
Bevans Cabin	2/27	36	9.8	--	8.3
Clear Creek #1	2/25	54	16.8	21.1	16.3
Clear Creek #2	2/25	45	12.6	15.6	12.2
Clear Creek #3	2/25	30	8.0	10.5	7.5
Daniels-Strawberry Summit	2/25	49	15.5	15.8	12.9
Deseret Peak			NOT MEASURED		
Hobble Creek Summit	2/25	48	13.4	19.0	12.8
Lambs Canyon #2	2/27	50	16.9	20.0	13.8
Middle Canyon	2/27	45	13.0	--	11.9
Mill Creek	3/1	55	16.8	21.9	16.1 ^a

SNOW

DRAINAGE BASIN and/or SNOW COURSE	THIS YEAR			PAST RECORD	
	Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Water Content (Inches)	
				Last Year	Average †
Mill D South Fork	3/1	55	18.2	22.9	17.0
Parley's Canyon Summit	2/27	55	16.8	23.1	15.9
Payson R.S.	2/22	54	17.0	24.6	16.4
Rocky Basin-Settlement	2/27	69	23.4	39.0	20.4
Silver Lake Brighton	2/26	69	22.6	25.0	20.4
Soapstone R.S.	2/26	38	10.2	13.1	11.3
Timpanogos Divide	3/1	61 ^a	19.6 ^a	21.3	22.1
Trial Lake	2/26	64	19.4	22.3	20.8
Vernon Creek	3/1	43 ^a	11.7 ^a	14.9 ^a	8.9 ^a

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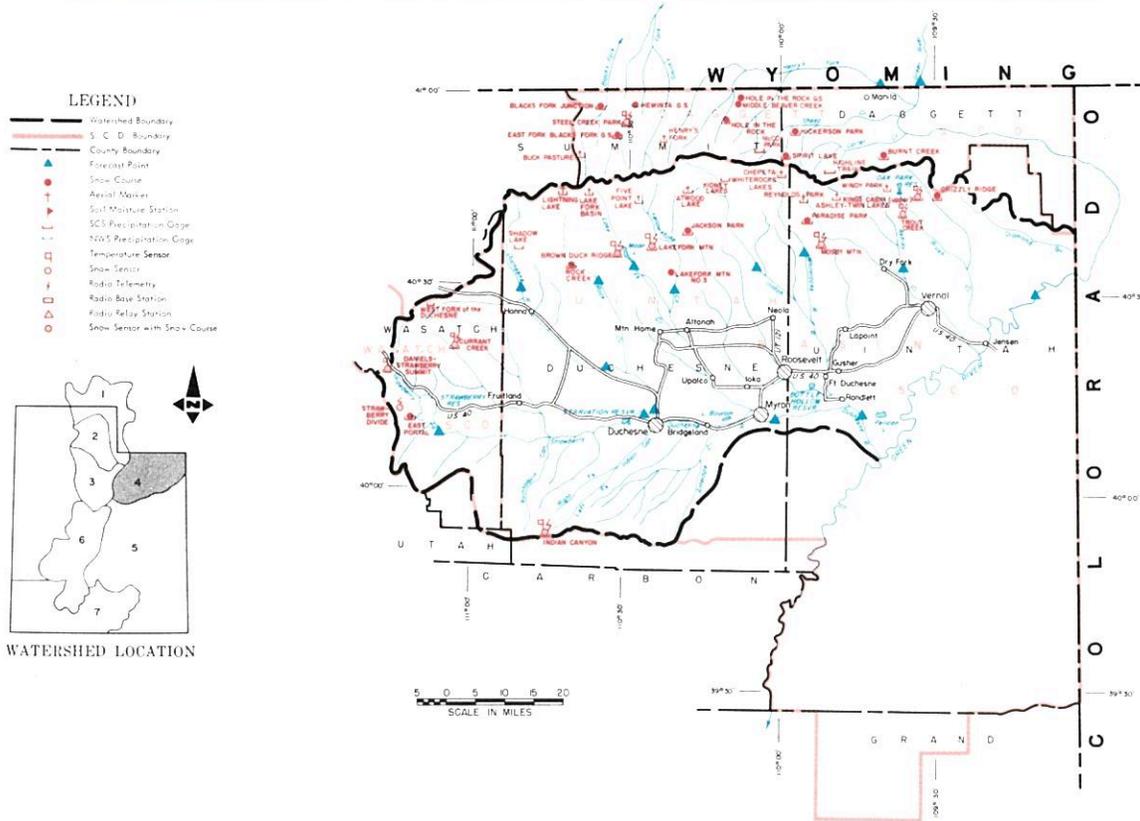
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WATER SUPPLY OUTLOOK

UINTAH BASIN and DAGGETT SCD's in UTAH

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



MARCH 1, 1985

THE WATER SUPPLY OUTLOOK IS NEAR AVERAGE

SNOW COVER dropped again this month on all basins except Strawberry River and Sheep Creek and now ranges from 79% of the March 1 average on Sheep Creek (+4%) to 114% on Strawberry River (+3%). Black's Fork is 95% (-7%), Ashley Creek 91% (-11%), Uinta-Whiterocks 95% (-30%), and Lakefork-Yellowstone Creeks 96% (-25%) of the March 1 average for the 1961-1980 20 year period.

PRECIPITATION at mountain stations ranged from 23% of the February average at Black's Fork Junction to 133% at Hickerson Park.

SOIL MOISTURE is above average.

RESERVOIR STORAGE is above average.

STREAMFLOW FORECASTS dropped 3 to 32% and now range from 100% of the April-July average on Lakefork and Yellowstone Creeks to 128% for Duchesne at Randlett. Other forecasts are as follows: Duchesne at Tabiona 105%, at Duchesne 106%, at Myton 127%, and West Fork Duchesne 104% of average. Currant Creek 125%, Strawberry 121%, Rock Creek 106%, Uinta and Whiterocks 110%, Ashley Creek 112%, Henry's Fork 115% and Black's Fork 109% of the April-July average. Peak flows are expected to be in the near average range during the snow melt period assuming average temperature and precipitation during the remainder of the spring and early summer runoff period. All water users are expected to have adequate water supplies this season.

UINTAH BASIN AND DAGGETT S.D.'s IN UTAH

STREAMFLOW FORECASTS

BASIN, STREAM and/or FORECAST POINT	THIS YEAR			PAST RECORD	
	FORECAST *		FORECAST PERIOD	THOUSAND ACRE FEET	
	Thousand Acre Feet	Percent of Average		Last Year †	Average ‡
DUCHESNE RIVER					
Duchesne nr Tabiona 1/	110	105	Apr-July	139	105
Duchesne at Duchesne 1/	200	106	Apr-July	--	189
Strawberry at Duchesne	70	121	Apr-July	--	58
Rock Creek nr Mtn. Home	99	106	Apr-July	116	93
Currant Creek nr Fruitland	25	125	Apr-July	53	20
Lakefork below Moon Lake 1/	70	100	Apr-July	81	70
Yellowstone nr Altonah	68	100	Apr-July	68	65
Duchesne at Myton 1/	260	127	Apr-July	347	205
Whiterocks nr Whiterock	64	110	Apr-July	59	58
Uintah nr Neola	96	110	Apr-July	--	86
Duchesne at Randlett 1/	330	128	Apr-July	--	257
West Fork Duchesne at Hanna	27	104	Apr-July	--	26
FLAMING GORGE TO DUCHESNE RIVER					
Henry's Fork nr Manila	55	115	Apr-Sept	94	48
Black's Fork nr Millburne	98	109	Apr-July	123	90
Flaming Gorge Inflow 1/	1100	88	Apr-July	--	1248
Ashley Creek nr Vernal	57	112	Apr-July	62	51

SUMMARY OF SNOW MEASUREMENTS (COMPARISON WITH PREVIOUS YEARS)

RIVER BASIN and/or SUB-WATERSHED	Number of Courses Averaged	THIS YEAR AS A PERCENT OF	
		Last Year	Average †
DUCHESNE RIVER - TOTAL	10	96	105
LAKEFORK-YELLOWSTONE CREEKS	4	89	96
STRAWBERRY RIVER	3	103	114
UINTAH - WHITEROCKS RIVERS	3	90	95
ASHLEY CREEK	3	87	91
BLACK'S FORK	3	78	95
SHEEP CREEK	2	69	79

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

RESERVOIR STORAGE (Thousand Acre Feet)

BASIN OR STREAM	RESERVOIR	Usable Capacity	USEABLE STORAGE		
			This Year	Last Year	Average †
ASHLEY CREEK	Red Fleet	26.0	20.4	18.1	--
	Steinaker	33.3	30.2	26.0	21.1 ^b
GREEN RIVER LAKE FORK	Flaming Gorge	3749.0	3036.5	3151.0	--
	Moon Lake	35.8	28.3	29.1	16.8
STRAWBERRY	Currant Creek	15.5	7.1	5.1	--
	Starvation	165.3	126.0	95.1	112.1 ^b
	Soldier Creek	951.4	184.8	61.0	--
UINTAH	Bottle Hollow	11.3	11.3	11.0	10.2 ^b

PEAK FLOWS ^e

FORECAST POINT	PEAK FLOW (SECOND FEET)	
	Forecast Range	Average †
Strawberry at Duchesne	600-950	675
Ashley Creek nr Vernal	750-1250	966
Rock Creek nr. Mtn. Home	1225-1695	1415

SNOW

DRAINAGE BASIN and/or SNOW COURSE	THIS YEAR			PAST RECORD	
	Date of Survey	Snow Depth (inches)	Water Content (inches)	Water Content (inches)	
				Last Year	Average †
Brown Duck Ridge	2/25	61	16.4	19.5	15.8
Burnt Creek	2/28	20	1.8	5.0	4.3
Currant Creek	2/25	41	11.1	10.5	9.6
Daniels-Strawberry	2/25	49	15.5	15.8	12.9
Grizzly Ridge	2/28	36	8.1	9.8	9.5
Hewinta G. S.	2/26	31	6.7	9.8	7.5
Hickerson Park	2/26	30	5.2	--	5.4
Jackson Park	2/25	44	10.1	11.9	11.8
Kings Cabin Upper	2/26	34	7.1	9.4	8.5

SNOW

DRAINAGE BASIN and/or SNOW COURSE	THIS YEAR			PAST RECORD	
	Date of Survey	Snow Depth (inches)	Water Content (inches)	Water Content (inches)	
				Last Year	Average †
Lakefork Mountain #1	2/25	37	8.5	9.8	9.5
Mosby Mountain	2/27	34	7.7	8.4	8.4
Paradise Park	2/26	45	11.6	12.3	10.9
Rock Creek Ranch	2/25	30	8.1	7.5	6.5
Spirit Lake	2/26	45	9.6	11.5	10.1
Steel Creek Park	2/26	53	12.2	15.9	13.1
Strawberry Divide	3/1	55	17.0	23.0	16.8
Trout Creek	2/26	41	8.8	8.3	8.5

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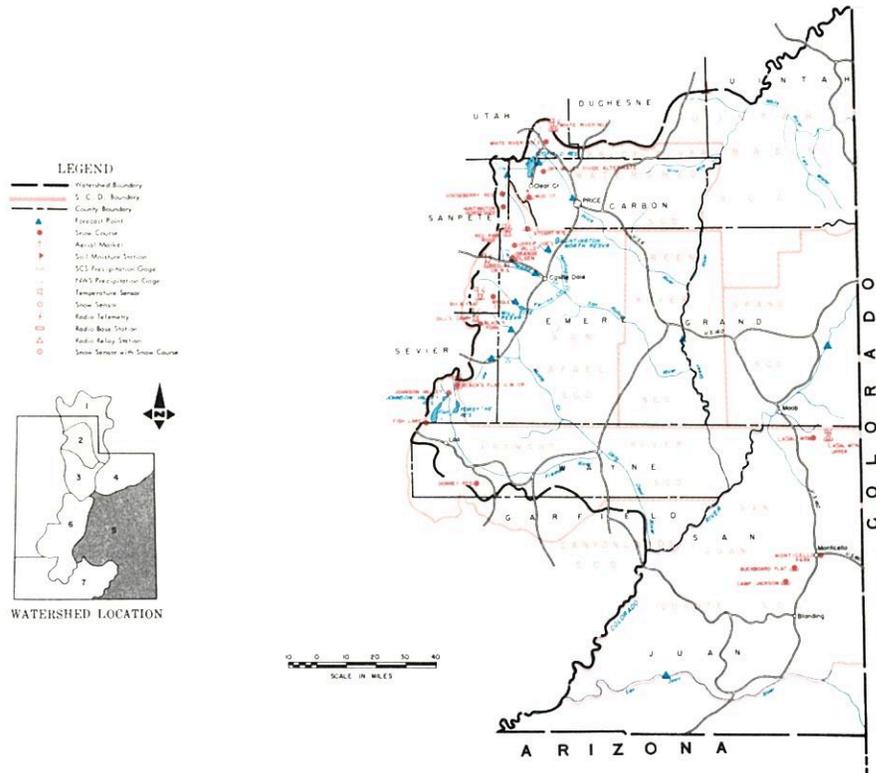
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"The Conservation of Water begins with the Snow Survey"

WATER SUPPLY OUTLOOK

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

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



MARCH 1, 1985

THE WATER SUPPLY OUTLOOK IS NEAR AVERAGE TO ABOVE AVERAGE

SNOW COVER generally dropped 11 to 28% of average during February except on Blue Mountains which increased 3%. Snow cover now ranges from 64% of the March 1 average on LaSal Mountains to 105% on Blue Mountains. Price River is 99%, San Rafael 101%, Muddy 86%, and Fremont 98% of the March 1 average.

PRECIPITATION at mountain stations varied from 55% of the February average at Buck Flat to 125% at Fish Lake. Most stations were below average for the month.

SOIL MOISTURE is above average.

RESERVOIR STORAGE is above average.

STREAMFLOW FORECASTS dropped as much as 20% during February and now range from average to 50% above average for the April-July period. Individual forecasts are as follows: Gooseberry Creek 126%, Scofield Inflow 132%, Price near Heiner 158%, Huntington Creek 139%, Cottonwood Creek 150%, Ferron Creek 127%, Muddy Creek 119%, Seven Mile Creek 100% and Mill Creek 100%. The Colorado is forecast 144% near Cisco, Green River 103% near Green River and the San Juan 136% near Bluff. Peak flows are expected to be 30 to 50% above average and property close to streams should be practiced. All water users are expected to have adequate water supplies this season.

CARBON, EMERY, WAYNE, GRAND AND SAN JUAN COUNTIES IN UTAH

STREAMFLOW FORECASTS

BASIN, STREAM and/or FORECAST POINT	THIS YEAR			PAST RECORD	
	FORECAST		FORECAST PERIOD	THOUSAND ACRE FEET	
	Thousand Acre Feet	Percent of Average		Last Year	Average
PRICE RIVER					
Gooseberry Crk nr Scofield	13.5	126	Apr-July	--	10.7
Scofield Reservoir Inflow	50	132	Apr-July	--	38
Price nr Heiner 1/	100	158	Apr-July	--	63
SAN RAFAEL RIVER					
Huntington Crk nr Huntington	68	139	Apr-July	--	49
Cottonwood Crk nr Orangeville	70	150	Apr-July	171	47
Ferron Creek nr Ferron	47	127	Apr-July	80	37
MUDDY CREEK					
Muddy Creek nr Emery	22	119	Apr-July	46	18.5
UPPER COLORADO BASIN					
Colorado nr Cisco, UT	4450	144	Apr-July	--	3046
Green at Green River, UT	3100	103	Apr-July	--	3016
Mill Creek nr Moab	5.5	100	Apr-July	18.7	5.5
Navajo Reservoir Inflow	930	128	Apr-July	--	684
San Juan nr Bluff, UT	1350	136	Apr-July	--	995
FREMONT RIVER					
Seven Mile Crk nr Fish Lake	6.5	100	Apr-July		6.5

SUMMARY of SNOW MEASUREMENTS (COMPARISON WITH PREVIOUS YEARS)

RIVER BASIN and/or SUBWATERSHED	Number of Courses Averaged	THIS YEAR AS A PERCENT OF	
		Last Year	Average
PRICE RIVER	4	71	99
SAN RAFAEL RIVER	8	61	101
FREMONT RIVER	3	50	98
LASAL MOUNTAINS	2	45	64
BLUE MOUNTAINS	2	110	105
MUDDY RIVER	2	55	86

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

RESERVOIR STORAGE (Thousand Acre Foot)

BASIN OR STREAM	RESERVOIR	Usable Capacity	USEABLE STORAGE		
			This Year	Last Year	Average
PRICE RIVER	Scofield	65.8	51.0	49.8	32.2
SAN RAFAEL	Huntington North	3.9	4.4	2.8	3.0 ^b
	Joe's Valley	54.6	49.3	49.1	44.6 ^b
	Mill Site	16.7	11.0	13.5	4.0 ^b
SAN JUAN	Navajo	1696.0	1385.2	1352.0	--
	Kens Lake	2.3	0.6	1.6	--

PEAK FLOWS e

FORECAST POINT	PEAK FLOW (SECOND FEET)	
	Forecast Range	Average
Ferron Creek near Ferron	510-670	444
Muddy Creek near Emery	230-290	168
Huntington Cr. near Huntington	700-900	516 ^b

SNOW

DRAINAGE BASIN and/or SNOW COURSE	THIS YEAR			PAST RECORD	
	Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Water Content (Inches)	
				Last Year	Average
Buck Flat	2/24	48	14.2	22.8	14.4
Buckboard Flat	2/27	46	11.4	11.5	11.2
Camp Jackson	2/27	48	12.4	10.1	11.5
Dills Camp	2/24	34	9.0	15.1	--
Dry Valley Divide Alternate	2/24	38	10.8	14.5	11.2
Huntington-Horseshoe	2/24	54	18.4	31.8	19.9
Indian Canyon	2/25	43	11.3	10.5	10.7
LaSal Mtn. Upper	2/28	44	9.2	17.2	12.4
Mammoth-Cottonwood R.S.	2/24	54	18.3	27.8	18.1

SNOW

DRAINAGE BASIN and/or SNOW COURSE	THIS YEAR			PAST RECORD	
	Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Water Content (Inches)	
				Last Year	Average
Monticello City Park				1.6	2.4
Mud Creek	2/24	43	12.0	17.1	11.8
Red Pine Ridge	2/24	48	15.2	24.0	14.7
Seeley Creek	2/24	45	14.6	28.2	13.9
Stuart R.S.	2/24	28	7.8	13.5	8.7
Upper Joe's Valley	2/24	37	11.1	15.4	9.3
White River #1	2/25	42	12.0	16.0	11.9
White River #3	2/25	28	7.6	12.3	7.9
Wrigley Creek	2/24	38	9.1	13.9	9.7

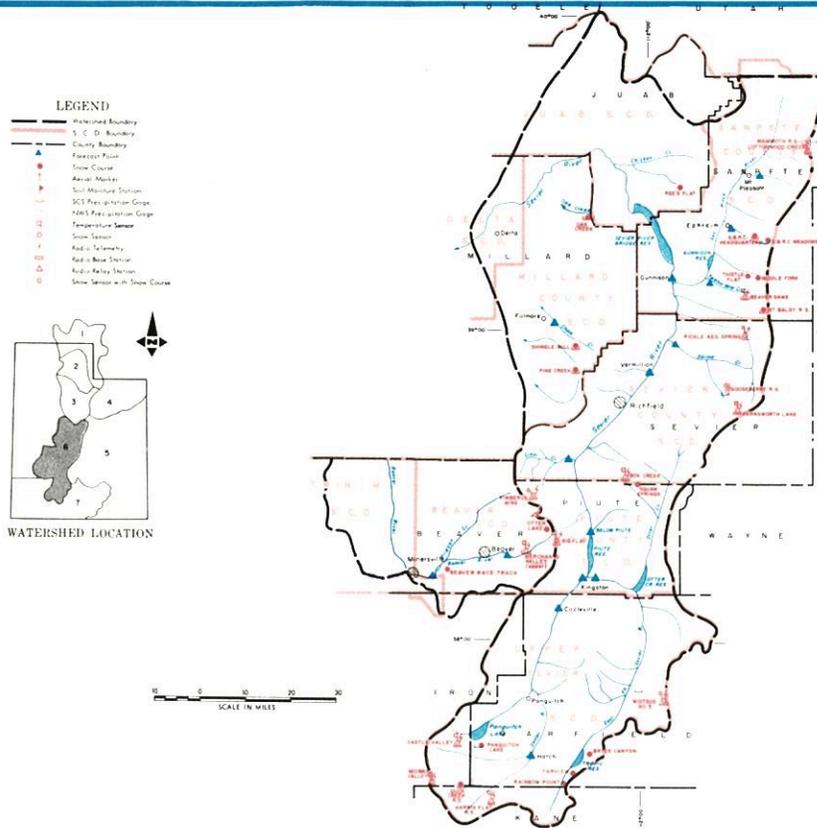
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WATER SUPPLY OUTLOOK

SEVIER RIVER BASIN including BEAVER RIVER in UTAH

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



MARCH 1, 1985

THE WATER SUPPLY OUTLOOK IS ABOVE AVERAGE

SNOW COVER dropped 12 to 31% of average and now ranges from 96% on the East Fork and Lower Sevier to 105% on the South Fork Sevier and Beaver Rivers.

PRECIPITATION at mountain stations ranged from 45% of the February average at Widdsoe-Escalante #3, to 124% at Mammoth-Cottonwood on the San Pitch River.

SOIL MOISTURE is above average.

RESERVOIR STORAGE is above average.

STREAMFLOW FORECAST dropped as much as 87% on the Lower Sevier during February and now range from 107% of average on Antimony Creek to 580% for Vermillion Dan to Gunnison.

Other forecasts are as follows: Sevier River at Hatch 108%, Circleville 146%, Kingston 133%, East Fork 116%, Clear Creek 116%, Salina Creek 124%, Sevier near Gunnison 305%, Ephriam Creek 128% and Pleasant Creek 122%. Chalk Creek near Fillmore is forecast 112%, Oak Creek 119%, Chicken Creek 113% and Salt Creek 115% of average. Beaver River is forecast 119%, North Creeks 121%, and Minersville Inflow 145% of the April-June average.

Peak flows are expected to be in the near average range and all water users are expected to have adequate water supplies this season assuming near average conditions for the runoff season.

SEVIER RIVER BASIN INCLUDING BEAVER RIVER IN UTAH

STREAMFLOW FORECASTS

BASIN, STREAM and/or FORECAST POINT	THIS YEAR		FORECAST PERIOD	PAST RECORD	
	FORECAST			THOUSAND ACRE FEET	
	Thousand Acre Feet	Percent of Average		Last Year	Average †
SEVIER RIVER					
Sevier at Hatch	52	108	Apr-July	46	48
Sevier nr Circleville	46	146	Apr-July	--	38
Sevier nr Kingston	38	133	Apr-July	--	28
Antimony Crk nr Antimony	11	107	Apr-July	--	10.3
East Fork Sevier nr Kingston	22	116	Apr-July	--	18.9
Sevier below Piute Dam	62	138	Apr-July	--	45
Clear Crk nr Sevier (abv Div)	22	116	Apr-July	--	18.9
Sigurd to Gunnison	140	530	Apr-July	--	26
Kingston to Vermillion Dam	62	138	Apr-June	--	45
Vermillion Dam to Gunnison	145	410	Apr-June	--	35
Salina Creek at Salina	14.7	124	Apr-June	--	11.9
Sevier nr Gunnison	165	305	Apr-July	--	54
Chalk Creek nr Fillmore	18.4	112	Apr-July	--	16.4
Chicken Creek nr Levan	4.0	113	Apr-July	--	3.5
Oak Cr. nr Oak City	1.9	119	Apr-July	3.5	1.6
Ephraim Creek nr Ephraim	19.0	128	Apr-July	--	14.9
Pleasant Crk nr Mt. Pleasant	10.5	122	Apr-July	--	8.6
Salt Creek nr. Nephi	15.5	115	Apr-July	--	13.5
Beaver nr Beaver	27	119	Apr-July	52	23
North Creek (Combined)	17.7	121	Apr-July	--	14.6
Minersville Inflow	12.9	145	Apr-June	--	8.9

RESERVOIR STORAGE (Thousand Acre Feet)

BASIN OR STREAM	RESERVOIR	Usable Capacity	USEABLE STORAGE		
			This Year	Last Year	Average †
SEVIER RIVER	Gunnison	18.2	15.0	13.8	14.0
	Otter Creek	52.5	47.7	49.0	31.2
	Piute	71.8	61.8	57.1	41.5
	Sevier Bridge	236.0	217.2	208.0	119.6
	Panguitch Lake	22.3	20.3	20.6	--
BEAVER RIVER	Minersville (Rky Fd)	26.0	23.8	22.5	12.9

SUMMARY OF SNOW MEASUREMENTS (COMPARISON WITH PREVIOUS YEARS)

RIVER BASIN and/or SUB-WATERSHED	Number of Courses Averaged	THIS YEAR AS A PERCENT OF	
		Last Year	Average †
UPPER SEVIER RIVER	11	97	102
East Fork Sevier	4	74	96
South Fork Sevier	7	111	105
LOWER SEVIER	12	57	96
BEAVER RIVER	3	66	105

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

PEAK FLOWS^e

FORECAST POINT	PEAK FLOW (SECOND FEET)	
	Forecast Range	Average †
Beaver River nr Beaver	180-445	257
Sevier River at Hatch	450-600	484
Sevier River nr Kingston	370-560	312
Clear Creek nr Sevier	240-340	226
Salina Creek nr Salina	200-400	285

SNOW

DRAINAGE BASIN and/or SNOW COURSE	THIS YEAR			PAST RECORD	
	Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Water Content (Inches)	
				Last Year	Average †
Big Flat	2/22	55	14.9	23.8	14.0
Bryce Canyon	2/28	20	4.6	4.4	4.7
Castle Valley	2/22	36	10.5	14.1	11.5
Duck Creek	2/23	42	11.9	7.8	12.4
Farnsworth Lake	2/24	53	15.4	24.4	15.3
Gooseberry R.S.	2/24	35	8.4	16.5	10.1
Harris Flat	2/23	32	9.0	4.1	8.4
Kimberly Mine	2/22	53	14.0	19.7	12.8

SNOW

DRAINAGE BASIN and/or SNOW COURSE	THIS YEAR			PAST RECORD	
	Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Water Content (Inches)	
				Last Year	Average †
Long Valley Junction	2/23	17	6.5	0.9	5.3
Merchants Valley Upper	2/22	43	11.4	16.3	11.1 ^b
Midway Valley	2/23	61	20.5	16.4	18.4
Oak Creek	2/22	39	9.5	16.8	13.1
Otter Lake	2/22	44	11.9	17.5	11.2
Pickle Keg Springs	2/24	41	11.8	25.7	13.2
Pine Creek	2/22	47	13.9	27.2	13.5
Widtsoe-Escalante #3	2/23	38	9.3	8.7	9.6

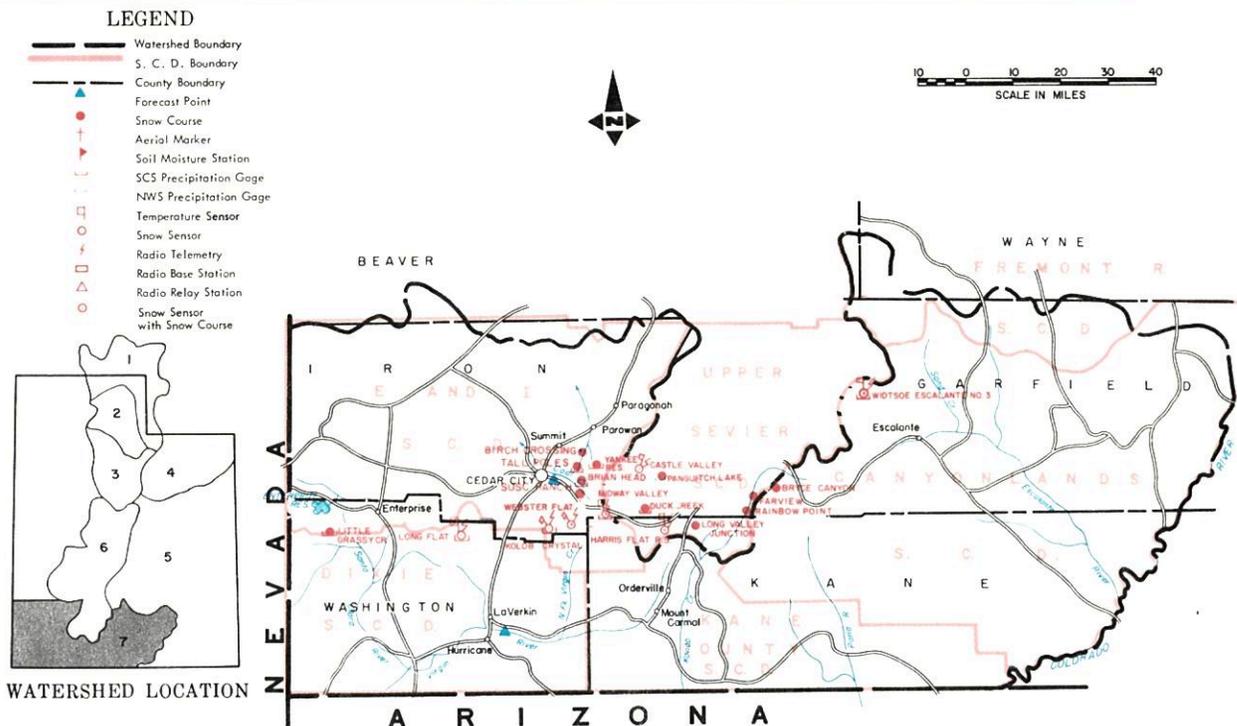
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WATER SUPPLY OUTLOOK

EAST GARFIELD, KANE, WASHINGTON and IRON COUNTIES in UTAH

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



THE WATER SUPPLY OUTLOOK IS NEAR AVERAGE

SNOW COVER dropped 13 to 27% of average and now ranges from 87% of the March 1 average on Parowan Creek to 133% in the Enterprise-New Harmony area. Coal Creek is now 98% of average, Escalante River is 97%, and Virgin River 107% of the March 1 average.

PRECIPITATION at mountain stations ranged from 38% of the February average at Webster Flat to 66% at Duck Creek Ranger Station.

SOIL MOISTURE is above average on most of the higher elevations.

RESERVOIR STORAGE in Gunlock Reservoir is now 7,200 acre feet, or almost full, and Quail Creek is beginning to store water but is not up above the required amount for fishery and therefore has no useable water for irrigation. Enterprise reservoirs are reported less than half full.

STREAMFLOW FORECASTS dropped again this month and now range from 89% of the April-June average for the Santa Clara to 134% for Lake Powell Inflow. The Virgin is forecast 106% of average and Coal Creek 100% of average. Peak flows are expected to be near on Coal Creek and below average on the Virgin assuming near average temperature and precipitation for the remainder of the runoff season. Water users are expected to have an adequate water supply this season.

EAST GARFIELD, KANE, WASHINGTON AND IRON COUNTIES IN UTAH

STREAMFLOW FORECASTS

BASIN, STREAM and/or FORECAST POINT	THIS YEAR		FORECAST PERIOD	PAST RECORD	
	FORECAST *			THOUSAND ACRE FEET	
	Thousand Acre Feet	Percent of Average		Last Year †	Average ‡
VIRGIN RIVER					
Virgin nr Hurricane	51	106	Apr-June	37	48
Santa Clara nr Pine Valley	4.7	89	Apr-June	--	5.3
COAL CREEK					
Coal Creek nr Cedar City	18.4	100	Apr-July	20	18.4
UPPER COLORADO					
Lake Powell Inflow	10000	134	Apr-July	--	7462

SUMMARY of SNOW MEASUREMENTS (COMPARISON WITH PREVIOUS YEARS)

RIVER BASIN and/or SUB-WATERSHED	Number of Courses Averaged	THIS YEAR AS A PERCENT OF	
		Last Year	Average ‡
COAL CREEK	4	118	98
VIRGIN RIVER	5	143	107
PAROWAN CREEK	4	65	87
ENTERPRISE - NEW HARMONY	2	271	133
ESCALANTE RIVER	1	107	97

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

RESERVOIR STORAGE (Thousand Acre Feet)

BASIN OR STREAM	RESERVOIR	Usable Capacity	USEABLE STORAGE		
			This Year	Last Year	Average ‡
COLORADO	Lake Powell	25002.0	21348.0	21478.0	--
	Blue Mesa	829.5	438.1	375.0	--
VIRGIN	Gunlock	7.4	7.2	--	--
	Quail Creek	26.0	0.0	--	--

PEAK FLOWS ^e

FORECAST POINT	PEAK FLOW (SECOND FEET)	
	Forecast Range	Average ‡
Coal Creek nr Cedar City	250-400	220
Virgin nr Hurricane	550-900	1092

SNOW

DRAINAGE BASIN and/or SNOW COURSE	THIS YEAR			PAST RECORD	
	Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Water Content (Inches)	
				Last Year	Average ‡
Birch Crossing	2/26	20	5.7	9.7	6.8
Brian Head	2/22	53	16.0	21.1	17.5
Harris Flat	2/23	32	9.0	4.1	8.4
Kolob-Crystal	2/23	57	18.9	16.0	16.8
Little Grassy	2/22	20	6.8	0.1	4.4
Long Flat	2/22	26	7.3	5.1	6.2
Midway Valley	2/23	61	20.5	16.4	18.4

SNOW

DRAINAGE BASIN and/or SNOW COURSE	THIS YEAR			PAST RECORD	
	Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Water Content (Inches)	
				Last Year	Average ‡
Long Valley Junction	2/23	17	6.5	0.9	5.3
SUSC Ranch	2/26	22	7.3	8.3	8.9
Tall Poles	2/26	39	10.3	18.3	12.6
Webster Flat	2/22	45	14.4	11.1	15.6
Yankee Reservoir	2/23	29	7.0	11.2	8.1

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SNOW COURSE	ELEVATION	DATE	SNOW DEPTH	WATER CONTENT	LAST YEAR	AVERAGE 1961-80
BEAR RIVER, UPPER (above Harer, Idaho)						
BIG PARK	8620	2/28/85	51	14.0	17.6	17.8
BURT'S-MILLER RANCH	7900	2/26/85	20	4.0	4.7	4.7
CCC CAMP	7000	2/25/85	45	11.4	11.9	11.4
HAYDEN FORK	9400	2/26/85	48	13.3	15.9	13.4
KELLEY RANGER STA.	8180	2/28/85	49	12.2	17.0	16.3
MONTE CRISTO R.S.	8960	2/24/85	65	22.2	26.2	22.1
POISON MEADOWS	8500	2/26/85	70	19.4	22.9	25.6
SALT RIVER SUMMIT	7700	2/28/85	48	11.8	13.9	14.5
SNIDER BASIN R.S.	8060	2/26/85	49	12.7	13.2	15.4
STILLWATER CAMP	8550	2/26/85	38	8.7	9.9	8.9
TRIAL LAKE	9960	2/26/85	64	19.4	22.3	20.8
BEAR RIVER, LOWER (below Harer, Idaho)						
CHRISTENSEN RANCH		NO REPORT				
CUB RIVER R.S.	5450	2/25/85	33	8.3	14.5	8.6
DRY BASIN	7820	2/25/85	75	22.0	35.2	25.0
DRY CREEK FLAT	6360	2/25/85	31	8.6	15.8	7.8
EMIGRANT SUMMIT	7390	2/26/85	65	19.9	29.3	21.9
EMIGRATION CANYON	6500	2/26/85	37	9.9	13.0	9.9
FRANKLIN BASIN	8020	2/25/85	66	21.9	26.7	21.7
GARDEN CITY SUMMIT	7600	2/25/85	58	17.4	21.4	15.5
HORSESHOE BASIN		NO REPORT				
KLONDIKE NARROWS	7400	2/25/85	57	18.1	22.9	17.5
LIBERTY SPRING	8600	2/25/85	82	26.4	--	32.1
LITTLE BEAR (LOWER)	6000	2/24/85	38	10.5	14.6	9.3
LITTLE BEAR (UPPER)	6550	2/24/85	47	13.7	18.0	11.0
OXFORD MOUNTAIN	6800	2/25/85	35	8.6	15.1	9.7
SLUG CREEK DIVIDE	7230	2/27/85	45	12.2	15.9	15.1
STEEP HOLLOW #1	8500	2/25/85	89	30.8	38.5	31.1
STEEP HOLLOW #2	7700	2/25/85	69	22.0	29.2	22.9
STRAWBERRY CREEK	5820	2/26/85	43	11.8	17.4	9.9
STRAWBERRY-MINK DIV.	6720	2/25/85	62	18.0	27.8	19.2
TONY GROVE LAKE	8400	2/25/85	88	30.4	40.1	31.9
TONY GROVE R.S.	6250	2/25/85	45	12.3	16.8	11.1
WILLOW FLAT	6100	2/25/85	52	14.6	23.5	14.1
RAFT RIVER						
CLEAR CREEK MEADOWS	9420	2/26/85	54	14.9	22.6	17.9
GEORGE PEAK	9000	2/26/85	58	16.5	31.0	21.6
ONE MILE SUMMIT	7330	2/26/85	18	5.2	7.6	6.2
VIFONT	7670	2/26/85	44	11.6	18.0	13.2
OGDEN RIVER						
BEAVER CREEK-SKUNK	7150	2/24/85	38	12.2	16.3	11.2
BEN LOMOND PEAK	8000	2/24/85	96	32.4	54.5	31.4
BEN LOMOND TRAIL	6000	2/24/85	67	21.7	28.8	15.8
DRY BREAD POND	8350	2/24/85	54	16.3	22.1	16.2
MONTE CRISTO R.S.	8960	2/24/85	65	22.2	26.2	22.1
SAGEBRUSH FLAT	6300	2/24/85	24	5.6	9.2	4.8

SNOW COURSE	ELEVATION	DATE	SNOW DEPTH	WATER CONTENT	LAST YEAR	AVERAGE 1961-80
WEBER RIVER						
BEAVER CREEK R.S.	7500	2/26/85	31	7.6	10.5	7.8
CHALK CREEK #1	9100	2/26/85	65	19.1	23.1	18.1
CHALK CREEK #2	8200	2/26/85	48	12.4	14.5	12.2
CHALK CREEK #3	7500	2/26/85	30	7.5	8.0	6.7
EAST SHINGLE LAKE		NO REPORT				
FARMINGTON CANYON L.	6950	2/24/85	69	20.9	32.7	19.5
FARMINGTON CANYON	8000	2/24/85	81	28.4	40.1	25.6
HORSE RIDGE	8260	2/24/85	57	18.3	25.8	18.9
KILFOIL CREEK	7300	2/24/85	47	13.4	17.0	12.4
LOST CREEK RESERVOIR	6130	2/24/85	24	5.9	8.9	5.5
PARK CITY SUMMIT	9300	3/01/85	80	30.0	34.5	26.6
PARLEY'S CANYON SUM.	7500	2/27/85	55	16.8	23.1	15.9
FINE CANYON	8000	2/24/85	57	19.9	22.2	17.1
REDDEN MINE LOWER	8500	2/26/85	56	17.5	19.3	15.2
SERGEANT LAKES		NO REPORT				
SMITH & MOREHOUSE	7600	2/26/85	42	11.9	14.4	11.4
TRIAL LAKE	9960	2/26/85	64	19.4	22.3	20.8

PROVO RIVER & UTAH LAKE

BEAVER CREEK DIVIDE	8280	2/26/85	38	9.0	12.4	11.3
CLEAR CREEK RIDGE #1	9200	2/25/85	54	16.8	21.1	16.3
CLEAR CREEK RIDGE #2	8000	2/25/85	45	12.6	15.6	12.2
CLEAR CREEK RIDGE #3	6600	2/25/85	30	8.0	10.5	7.5
DANIELS-STRAWBERRY	8000	2/25/85	49	15.5	15.8	12.9
HOBBLE CREEK SUMMIT	7420	2/25/85	48	13.4	19.0	12.8
FAYSON R.S.	8050	2/22/85	54	17.0	24.6	16.4
SOAPSTONE R.S.	7800	2/26/85	38	10.2	13.1	11.3
TIMPANOGOS DIVIDE	8140	3/05/85	71	22.8	19.8	22.1
TRIAL LAKE	9960	2/26/85	64	19.4	22.3	20.8

JORDAN RIVER & GREAT SALT LAKE

LAMES CANYON	7400	2/27/85	50	16.9	20.0	13.8
MILL CREEK	6950	3/01/85	55	16.8	21.9	16.1
MILL D SOUTH FORK	7400	3/01/85	55	18.2	22.9	17.0
PARLEY'S CANYON SUM.	7500	2/27/85	55	16.8	23.1	15.9
SILVER LAKE (BRIGHT.)	8730	2/26/85	69	22.6	25.0	20.4
SNOWBIRD GAD VALLEY		NO REPORT				

TODOLE VALLEY WATERSHEDS AND VERNON CREEK

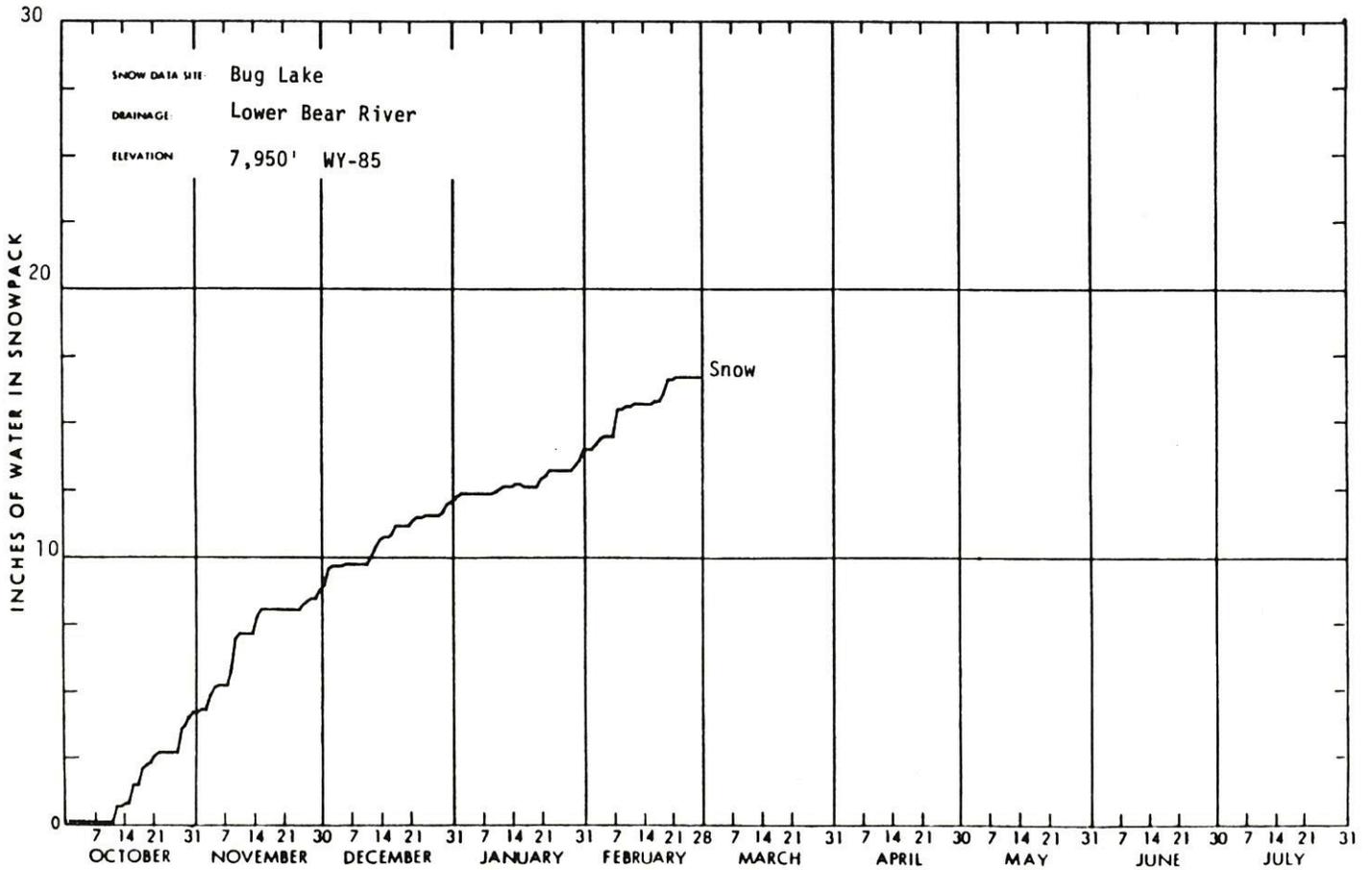
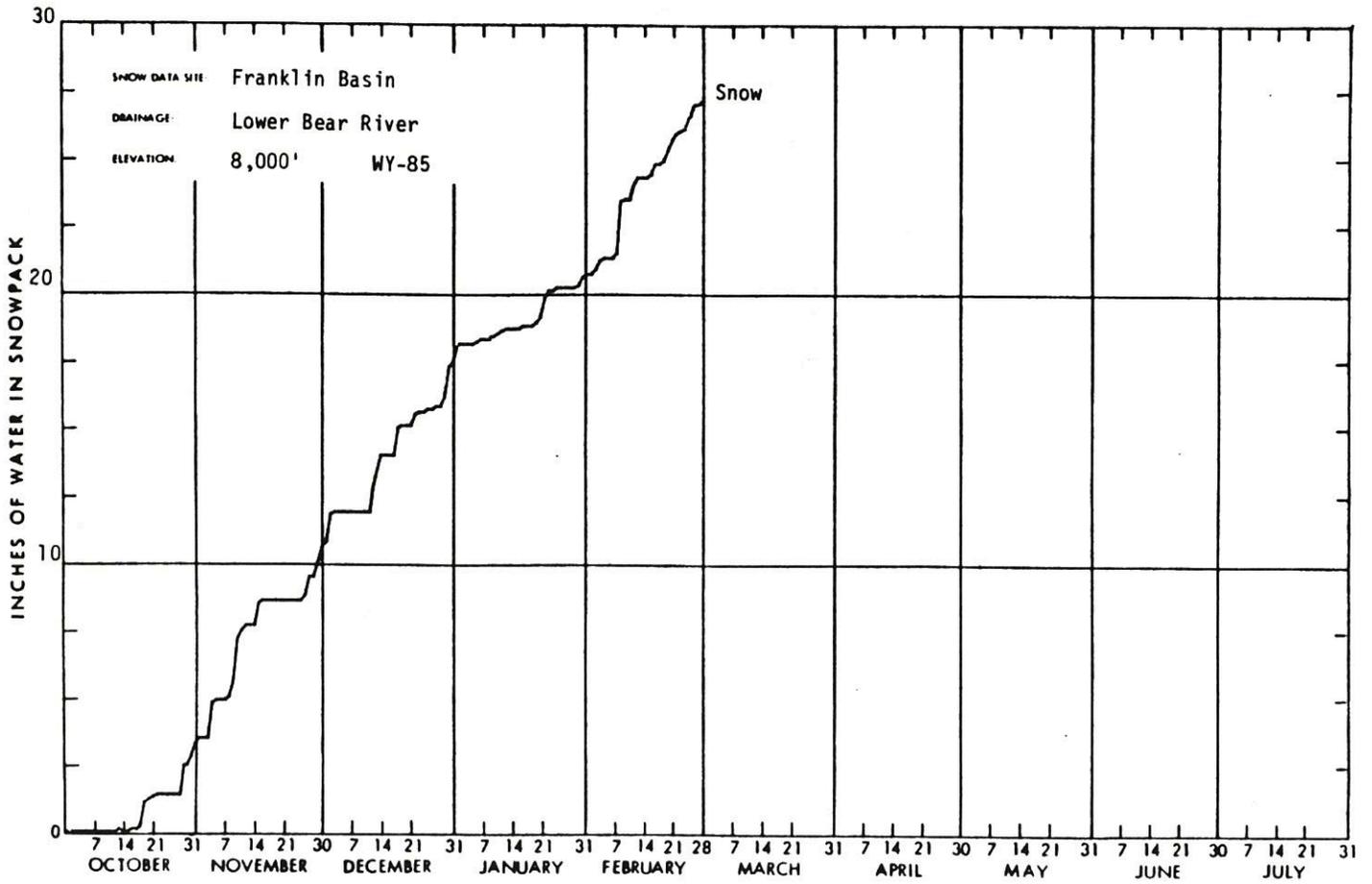
BEVAN'S CABIN	6450	2/27/85	36	9.8	--	8.3
DESERET PEAK		NO REPORT				
MIDDLE CANYON	7000	2/27/85	45	13.0	--	11.9
ROCKY BASIN-SETTLEMT	8900	2/27/85	69	23.4	39.0	20.4
VERNON CREEK	7500	3/01/85	43	11.7	14.9	8.9

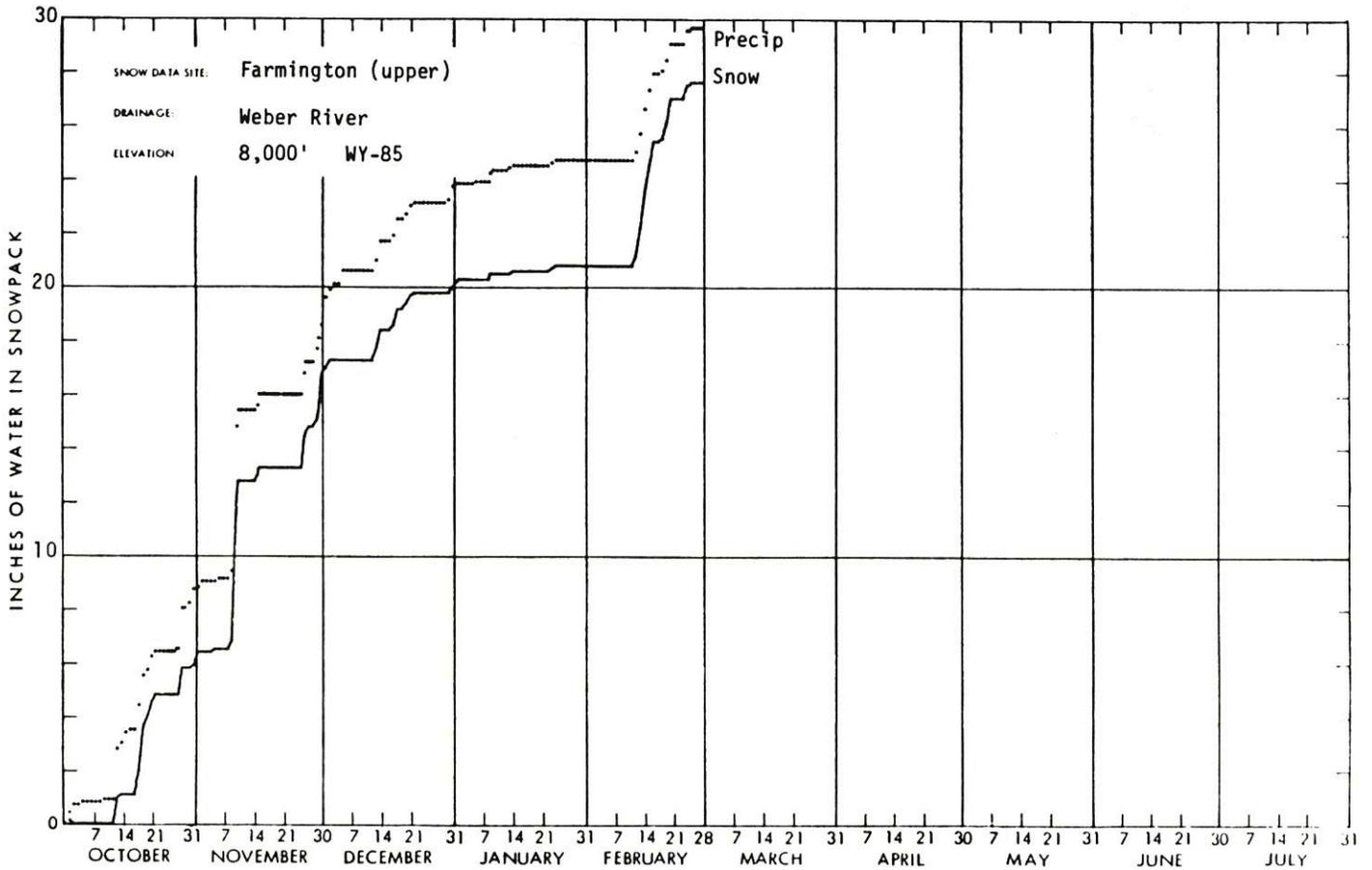
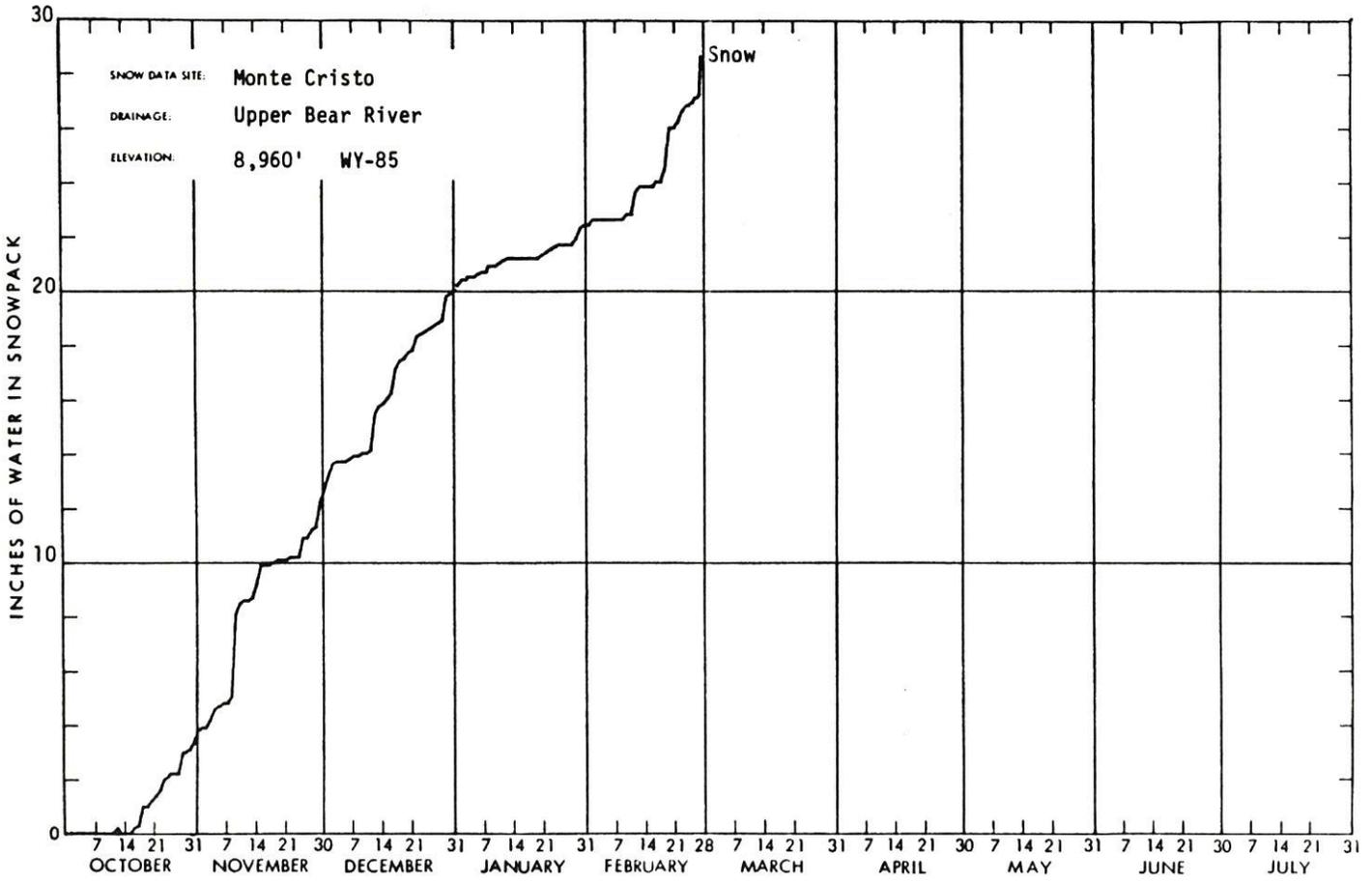
SNOW COURSE	ELEVATION	DATE	SNOW DEPTH	WATER CONTENT	LAST YEAR	AVERAGE 1961-80
UPPER GREEN RIVER in UTAH (above Duchesne River)						
ASHLEY TWIN LAKES		NO REPORT				
BLACK'S FORK GS-EF	9340	2/26/85	33	7.1	9.3	7.6
BLACK'S FORK JUNCTN	8930	2/26/85	34	7.7	9.6	7.6
BUCK PASTURE		NO REPORT				
BURNT CREEK	7900	3/01/85	20	4.1	5.0	4.3
GRIZZLY RIDGE	8500	2/28/85	36	8.1	9.8	9.5
HENRY'S FORK		NO REPORT				
HEWINTA G.S.	9500	2/26/85	31	6.7	9.8	7.5
HICKERSON PARK	9100	2/26/85	30	5.2	--	5.4
HOLE-IN-THE-ROCK		NO REPORT				
HOLE-IN-THE-ROCK GS		NO REPORT				
KING'S CABIN (UPPER)	8730	2/26/85	34	7.1	9.4	8.5
MIDDLE BEAVER CREEK		NO REPORT				
REYNOLDS PARK		NO REPORT				
SPIRIT LAKE	10300	2/26/85	45	9.6	11.5	10.1
STEEL CREEK PARK	10100	2/26/85	53	12.2	15.9	13.1
TROUT CREEK	9400	2/26/85	41	8.8	8.3	8.5
DUCHESNE RIVER						
ATWOOD LAKE	10500	2/26/85	40	8.5	--	12.2
BROWN DUCK RIDGE	10600	2/25/85	61	16.4	19.5	15.8
CHEPETA-WHITERKS. LK		NO REPORT				
CURRENT CREEK	8000	2/25/85	41	11.1	10.5	9.6
DANIELS-STRAWBERRY	8000	2/25/85	49	15.5	15.8	12.9
EAST PORTAL	7560	3/01/85	46	14.3	14.2	10.2
FIVE POINT LAKE		NO REPORT				
INDIAN CANYON	9100	2/25/85	43	11.3	10.5	10.7
JACKSON PARK	10600	2/25/85	44	10.1	11.9	11.8
LAKEFORK BASIN		NO REPORT				
LAKEFORK MOUNTAIN #1	10200	2/25/85	37	8.5	9.8	9.5
LAKEFORK MOUNTAIN #3	8400	2/25/85	30	6.4	5.5	5.9
LIGHTNING LAKE		NO REPORT				
MOSEY MOUNTAIN (LOW)	9500	2/27/85	34	7.7	8.4	8.4
PARADISE PARK	10100	2/26/85	45	11.6	12.3	10.9
ROCK CREEK	7900	2/25/85	30	8.1	7.5	6.5
STRAWBERRY DIVIDE	8400	3/01/85	55	17.0	23.0	16.8
PRICE RIVER						
DRY VALLEY DIVIDE AL	8100	2/24/85	38	10.8	14.5	11.2
MUD CREEK	8600	2/24/85	43	12.0	17.1	11.8
WHITE RIVER #1	8550	2/25/85	42	12.0	16.0	11.9
WHITE RIVER #3	7400	2/25/85	28	7.6	12.3	7.9
SAN RAFAEL RIVER						
BUCK FLAT	9800	2/24/85	48	14.2	22.8	14.4
HUNTINGTON-HORSESHOE	9800	2/24/85	54	18.4	31.8	19.9
ORANGE OLSEN	7200	2/24/85	23	5.6	7.0	4.4
RED PINE RIDGE	9200	2/24/85	48	15.2	24.0	14.7
SEELEY CREEK R.S.	10000	2/24/85	45	14.6	28.2	13.9
STUART R.S.	7950	2/24/85	28	7.8	13.5	8.7
UPPER JOES VALLEY	8900	2/24/85	37	11.1	15.4	9.3
WRIGLEY CREEK	9000	2/24/85	38	9.1	13.9	9.7

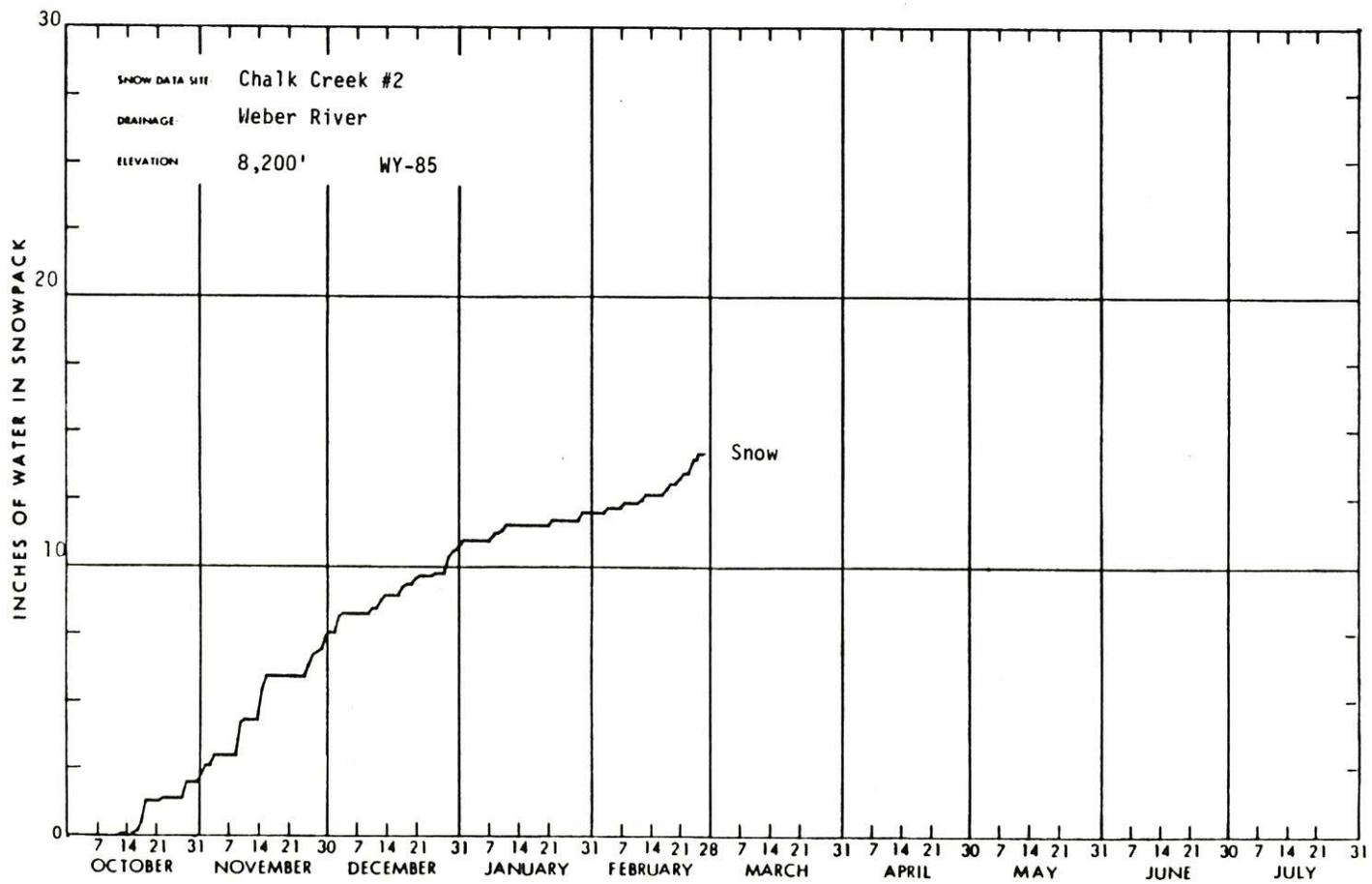
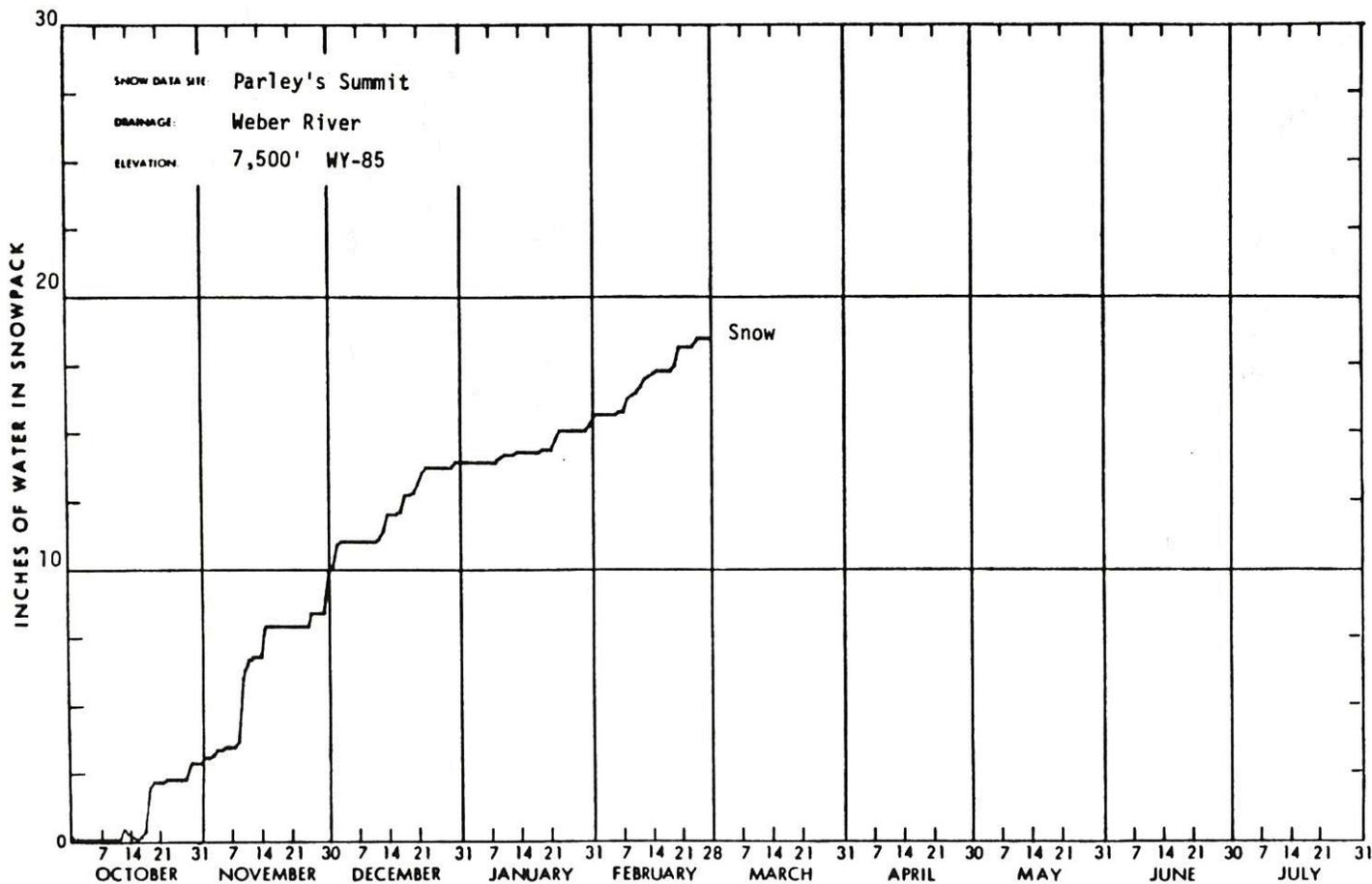
SNOW COURSE	ELEVATION	DATE	SNOW DEPTH	WATER CONTENT	LAST YEAR	AVERAGE 1961-80
MUDDY RIVER						
BLACK'S FORK	9200	2/24/85	38	9.8	18.8	11.2
DILL'S CAMP	9200	2/24/85	34	9.0	15.1	10.6
FREMONT RIVER						
BLACK'S FLAT-U.M. CK	9400	2/23/85	37	9.2	13.6	9.3
DONKEY RESERVOIR		NO REPORT				
FISH LAKE	8700	2/23/85	26	6.3	18.6	6.9
JOHNSON VALLEY	8850	2/23/85	25	6.4	11.4	6.2
LASAL MOUNTAINS						
LASAL MOUNTAIN LOWER	8800	2/28/85	25	3.8	11.4	7.8
LASAL MOUNTAIN (UPP)	9850	2/28/85	44	9.2	17.2	12.4
BLUE MOUNTAINS						
BUCKBOARD FLAT	9000	2/27/85	46	11.4	11.5	11.2
CAMP JACKSON	8600	2/27/85	48	12.4	10.1	11.5
MONTICELLO PARK		NO REPORT				
UPPER SEVIER RIVER (south of Richfield, Utah)						
BOX CREEK	9300	2/23/85	41	10.7	17.9	11.2
BRYCE CANYON	8000	2/28/85	20	4.6	4.4	4.7
CASTLE VALLEY	9580	2/22/85	36	10.5	14.1	11.5
DUCK CREEK R.S.	8700	2/23/85	42	11.9	7.8	12.4
HARRIS FLAT	7700	2/23/85	32	9.0	4.1	8.4
KIMBERLY MINE(UPPER)	9300	2/22/85	53	14.0	19.7	12.8
LONG VALLEY JCT.	7500	2/23/85	17	6.5	.9	5.3
MIDWAY VALLEY	9800	2/23/85	61	20.5	16.4	18.4
FANQUITCH LAKE	8200	2/22/85	18	4.8	6.6	4.5
SQUAW SPRINGS	9300	2/23/85	24	6.2	10.9	6.6
WIDTSOE-ESCALANTE #3	9500	2/23/85	38	9.3	8.7	9.6
LOWER SEVIER RIVER (including San Pitch River)						
BEAVER DAMS	8000	2/24/85	33	9.0	18.9	10.4
FARNSWORTH LAKE	9600	2/24/85	53	15.4	24.4	15.3
G.B.R.C. HEADQUARTER	8700	2/24/85	38	12.7	25.2	13.9
G.B.R.C. MEADOWS	10000	2/24/85	62	21.5	30.8	19.4
GOOSEBERRY R.S.	8000	2/24/85	35	8.4	16.5	10.1
MAMMOTH-COTTONWOOD	8800	2/24/85	54	18.3	27.8	18.1
MIDDLE FORK		NO REPORT				
MT. BALDY R.S.	9500	2/24/85	61	19.4	32.3	19.8
DAK CREEK	7760	2/22/85	39	9.5	16.8	13.1
PICKLE KEG SPRING	9600	2/24/85	41	11.8	25.7	13.2
FINE CREEK	8800	2/22/85	47	13.9	27.2	13.5
REES'S FLAT	7300	2/22/85	44	11.8	16.8	10.6
SHINGLE MILL	6200	2/28/85	29	7.2	15.6	7.6
THISTLE FLAT		NO REPORT				

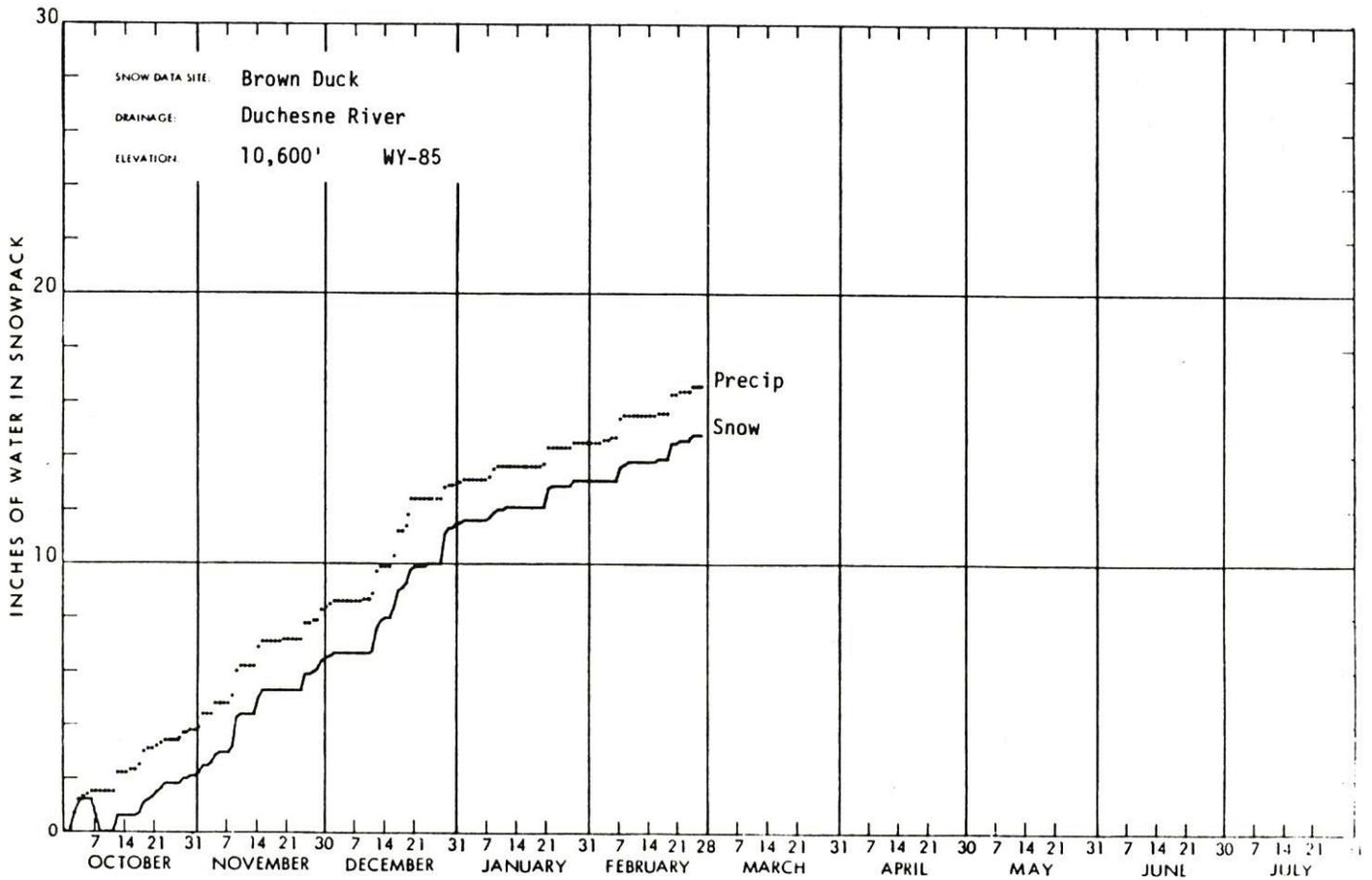
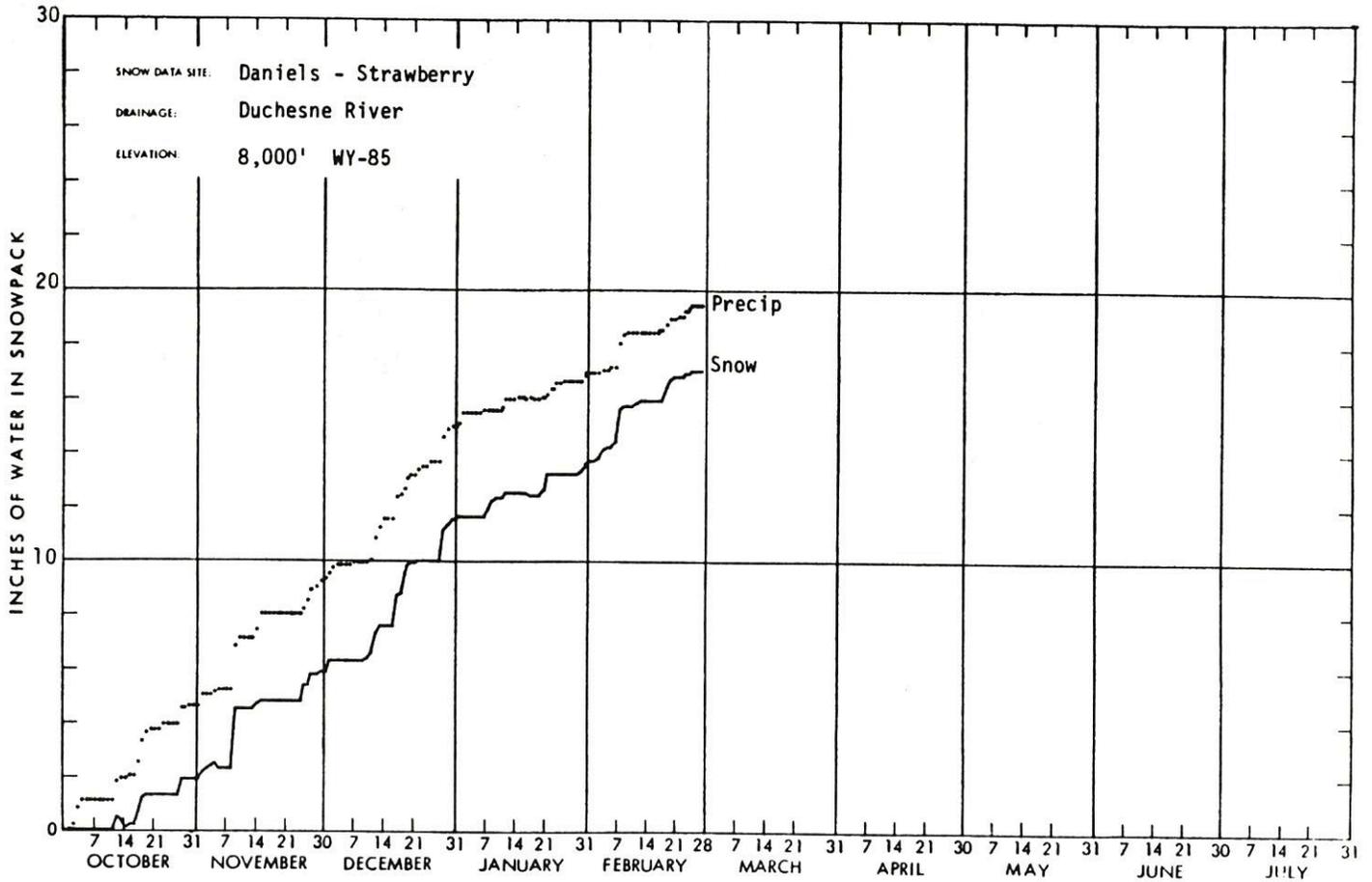
SNOW COURSE	ELEVATION	DATE	SNOW DEPTH	WATER CONTENT	LAST YEAR	AVERAGE 1961-80

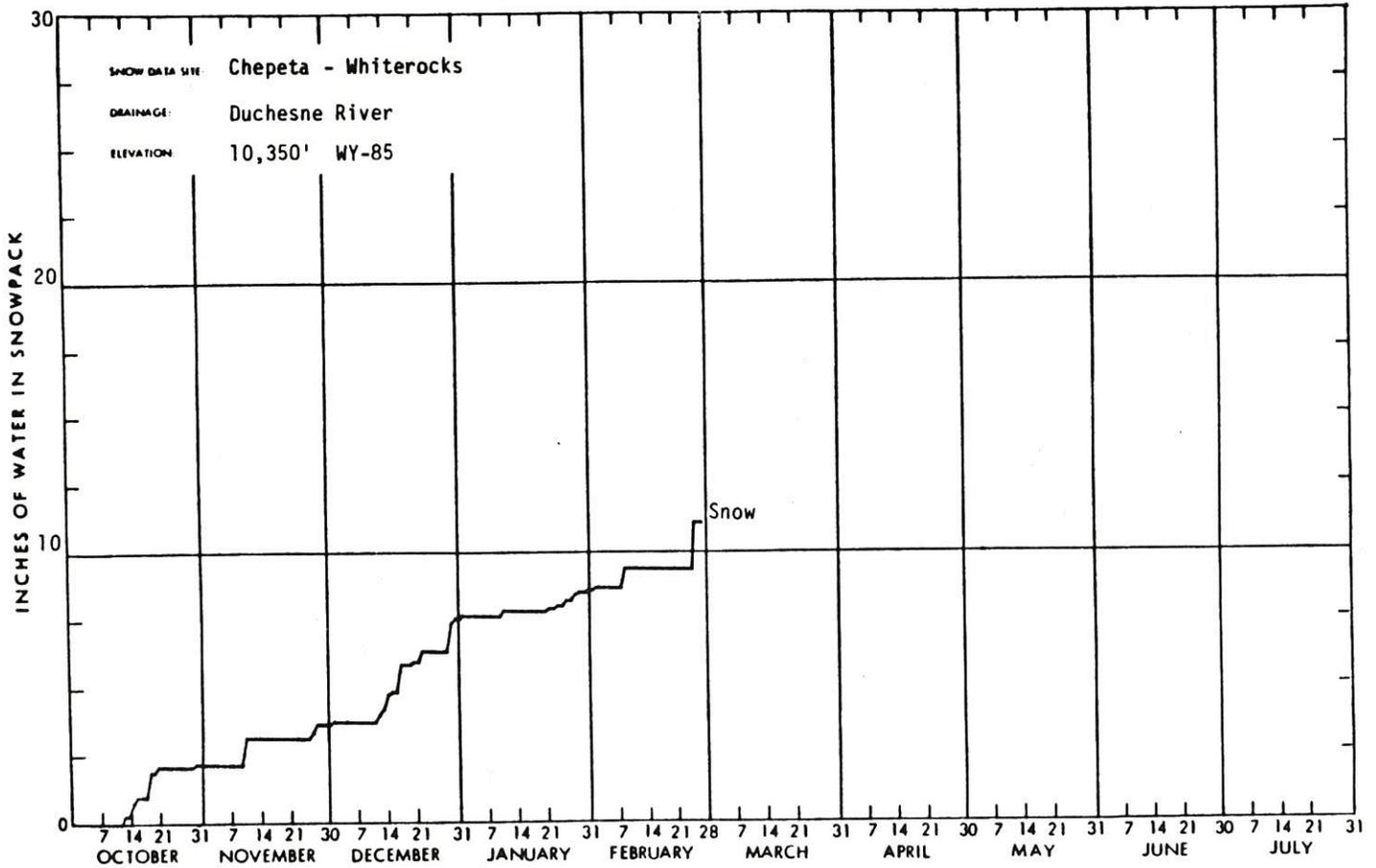
BEAVER RIVER						
BEAVER RACE TRACK		NO REPORT				
BIG FLAT	10290	2/22/85	55	14.9	23.8	14.0
MERCHANT VALLEY (UP)	8750	2/22/85	43	11.4	16.3	11.1
QTTER LAKE	9600	2/22/85	44	11.9	17.5	11.2
FAROWAN						
BIRCH CROSSING	8100	2/26/85	20	5.7	9.7	6.8
BRIAN HEAD	10000	2/22/85	53	16.0	21.1	17.5
TALL POLES	8800	2/26/85	39	10.3	18.3	12.6
YANKEE RESERVOIR	8700	2/23/85	29	7.0	11.2	8.1
ESCALANTE RIVER						
DONKEY RESERVOIR		NO REPORT				
WIDTSOE-ESCALANTE #3	9500	2/23/85	38	9.3	8.7	9.6
ENTERPRISE TO NEW HARMONY DRAINAGES						
LITTLE GRASSY CREEK	6100	2/22/85	20	6.8	.1	4.4
LONG FLAT	8000	2/22/85	26	7.3	5.1	6.2
COAL CREEK						
CEDAR CITY GOLF COUR	5800	2/26/85	0	.0	.1	.1
MIDWAY VALLEY	9800	2/23/85	61	20.5	16.4	18.4
SUSC RANCH	8200	2/26/85	22	7.3	8.3	8.9
WEBSTER FLAT	9200	2/22/85	45	14.4	11.1	15.6
VIRGIN RIVER						
HARRIS FLAT	7700	2/23/85	32	9.0	4.1	8.4
KOLOE-CRYSTAL	9250	2/23/85	57	18.9	16.0	16.8
LONG VALLEY JCT.	7500	2/23/85	17	6.5	.9	5.3
MIDWAY VALLEY	9800	2/23/85	61	20.5	16.4	18.4
WEBSTER FLAT	9200	2/22/85	45	14.4	11.1	15.6



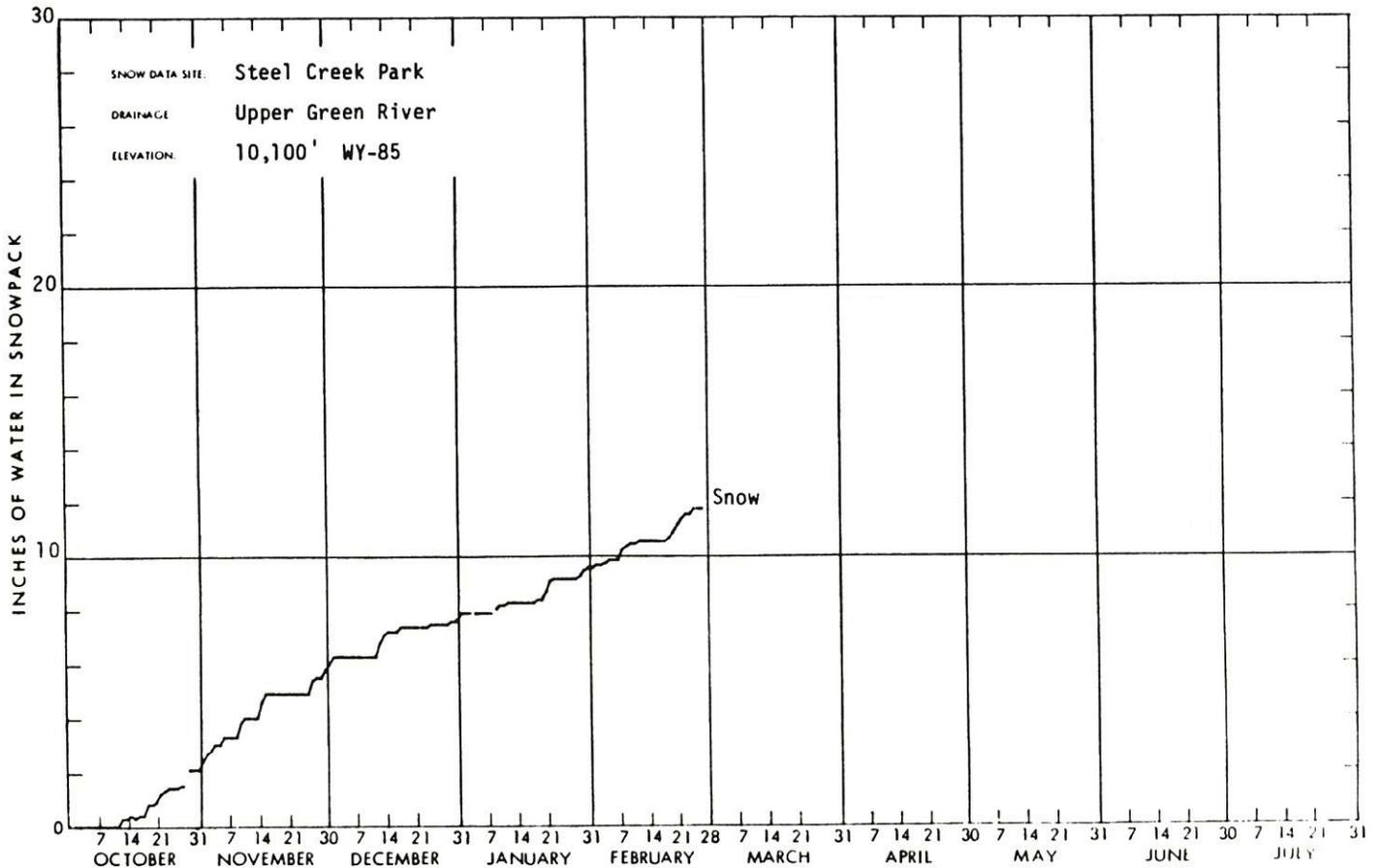


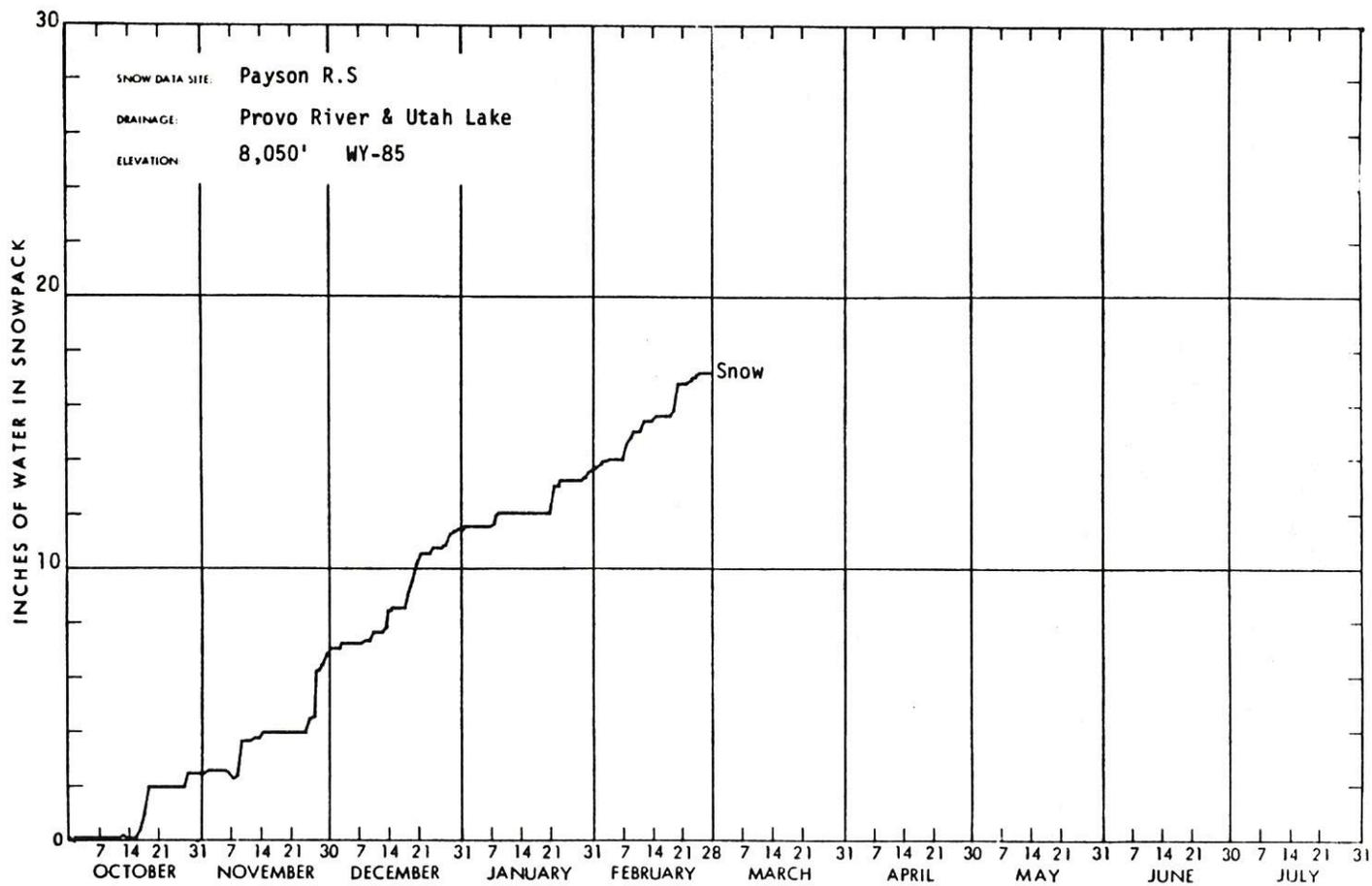




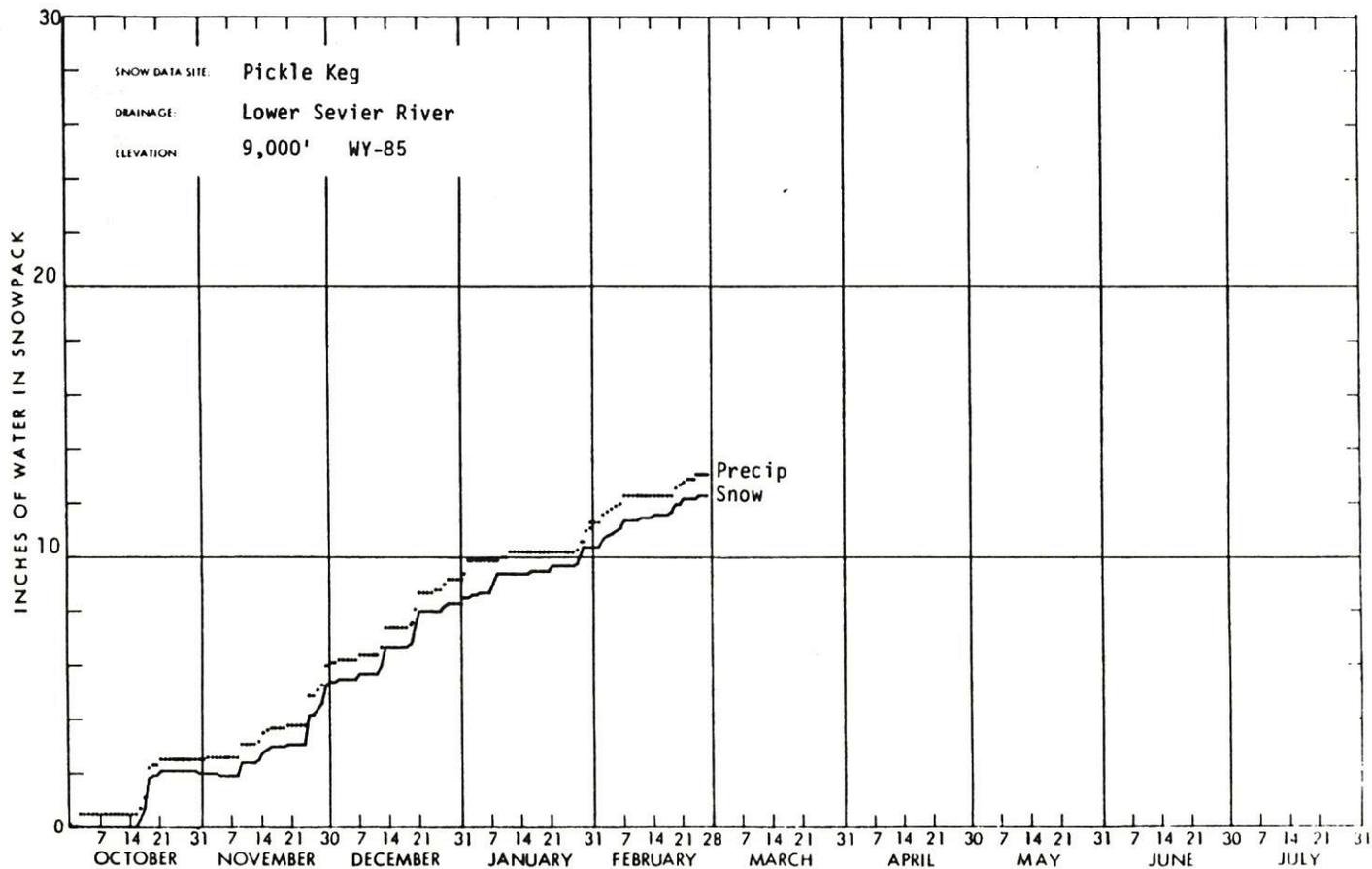


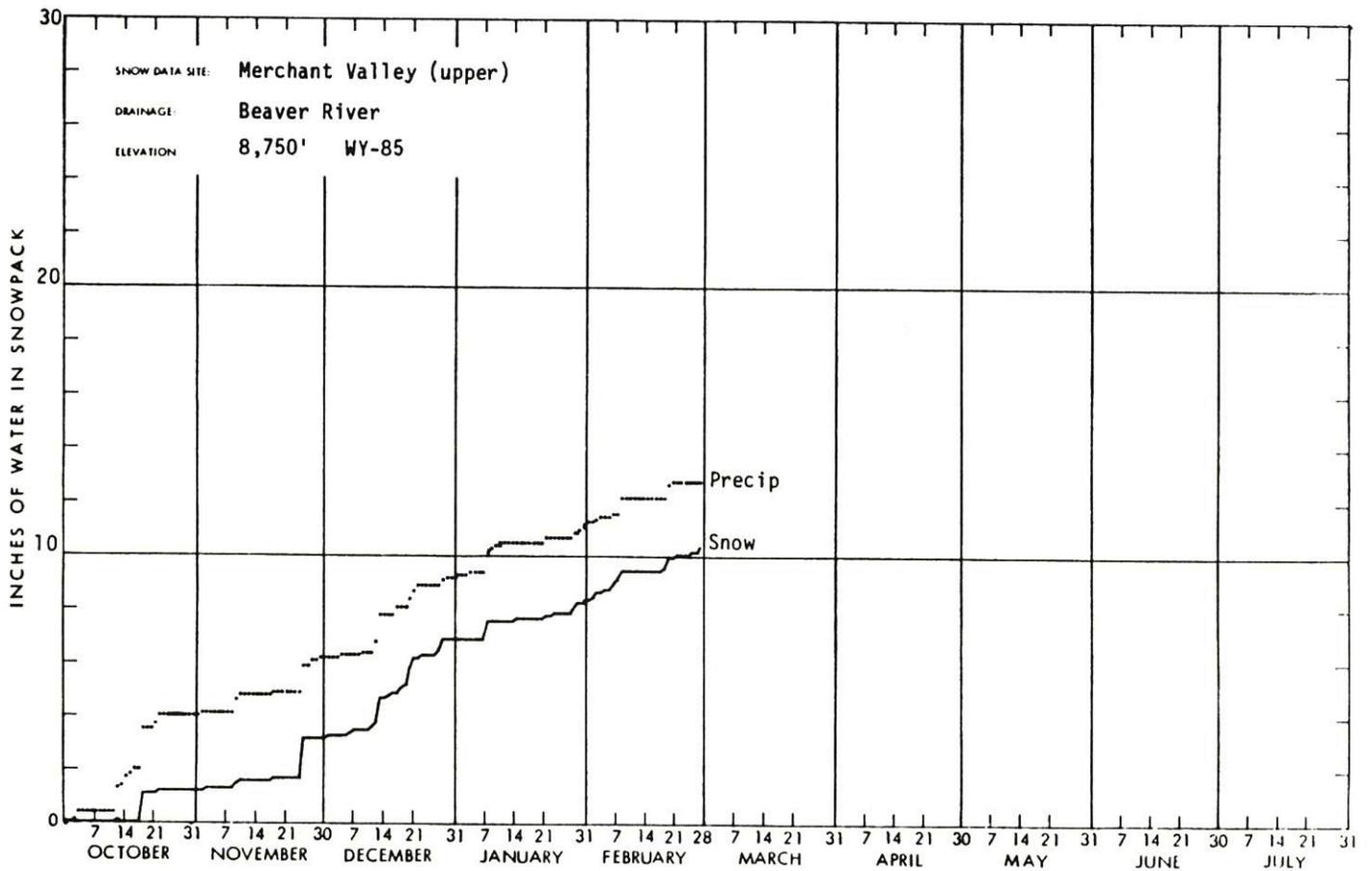
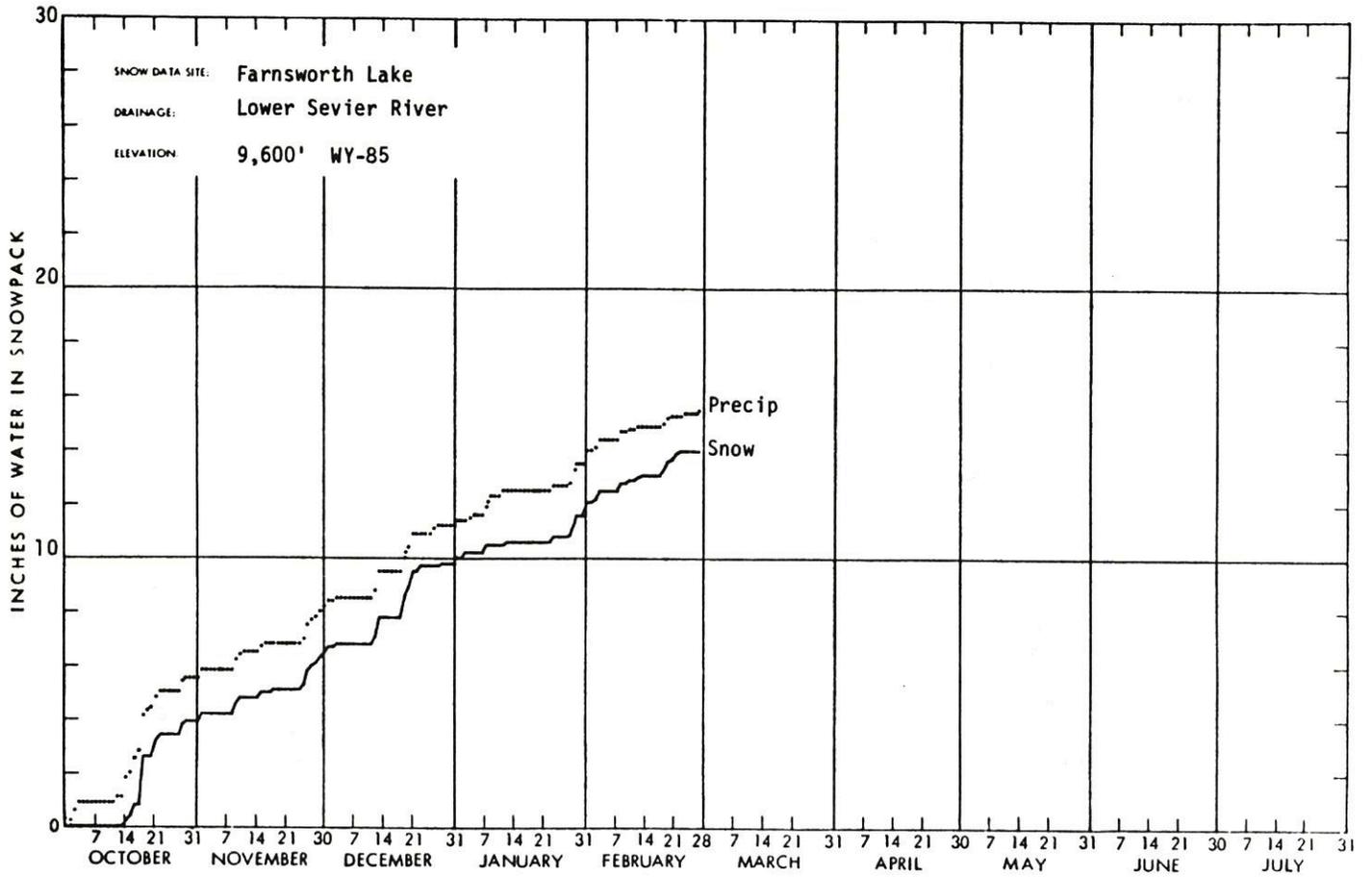
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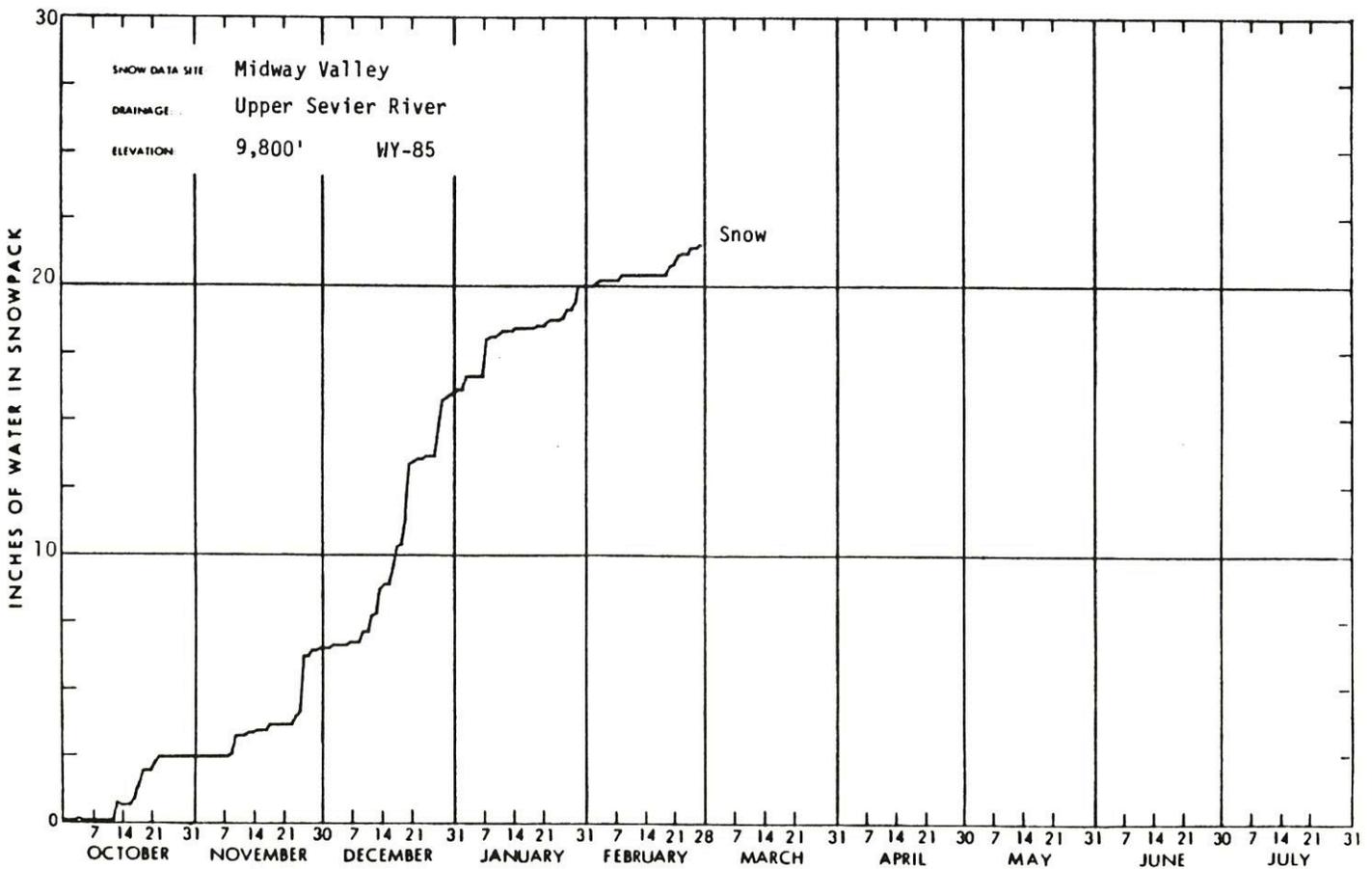
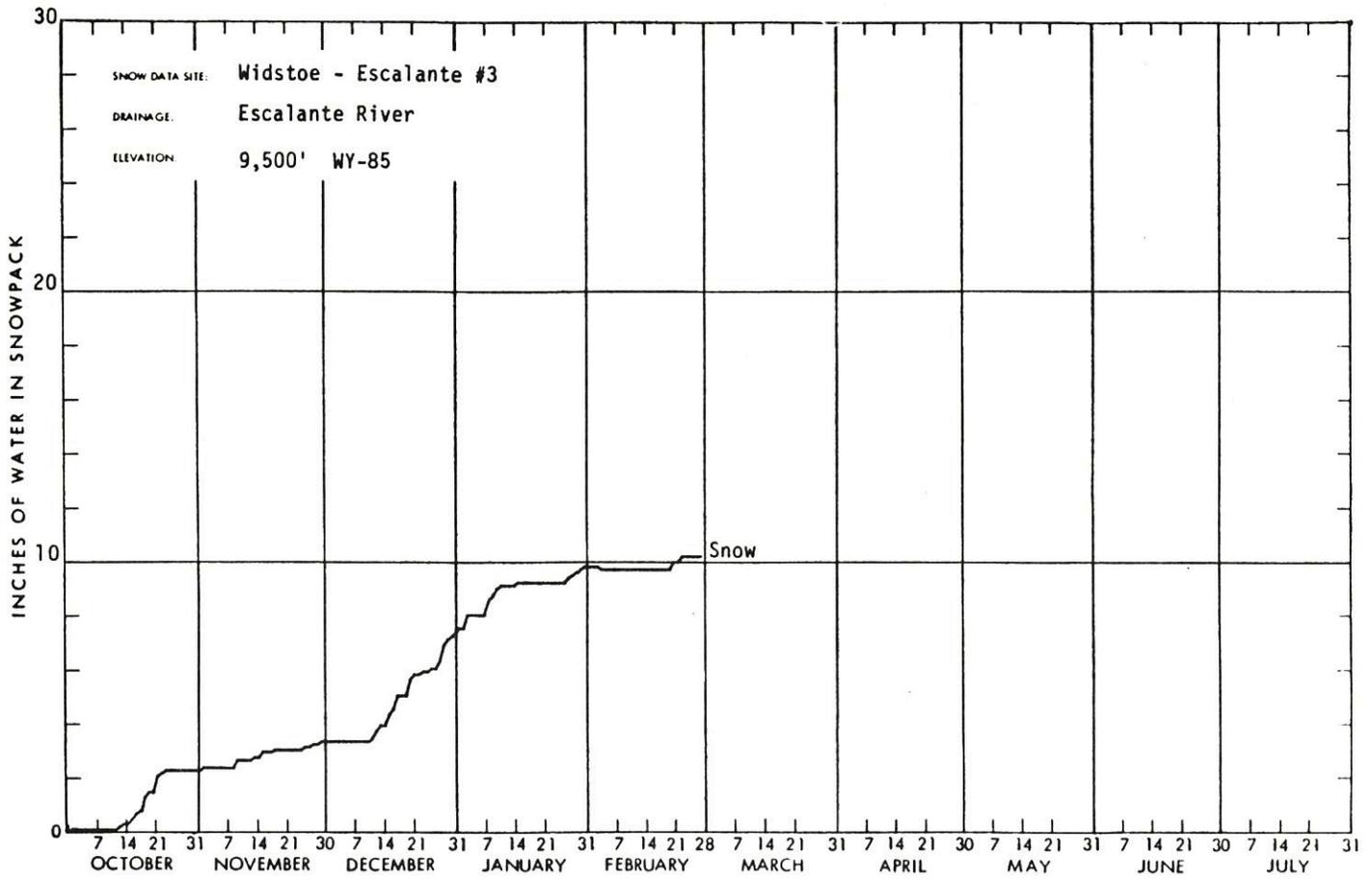


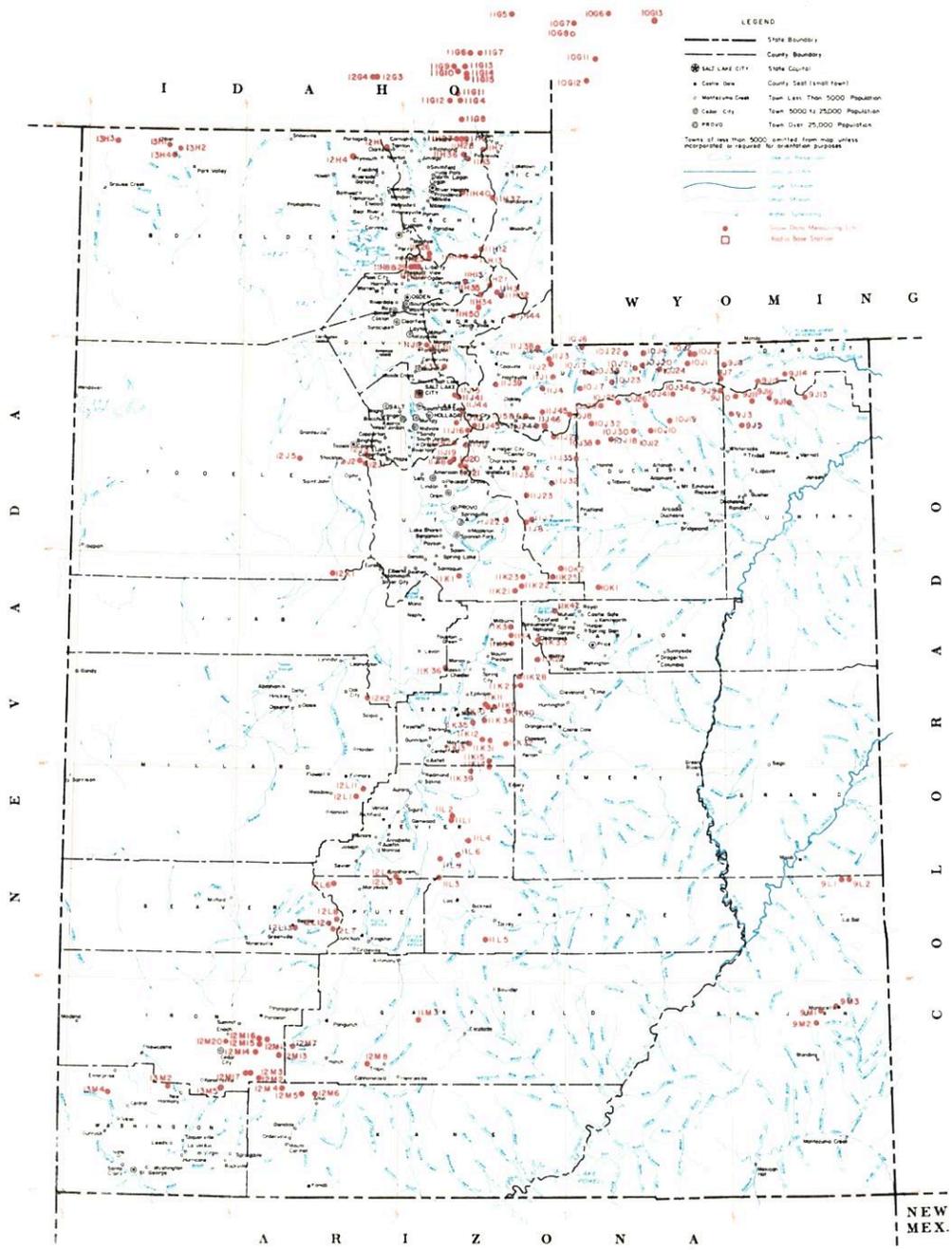


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**SNOW COURSES AND RELATED
DATA MEASURING SITES
UTAH**

1983



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 All State Road and railroad for FCS use.

UTAH STATE GEOLOGICAL SURVEY M704L-27287

INDEX TO UTAH, BEAR & UPPER COLORADO RIVER BASINS

GREAT BASIN DRAINAGE

Number	State	Name	Section	Township	Range	Elevation	Number	State	Name	Section	Township	Range	Elevation	Number	State	Name	Section	Township	Range	Elevation
10G11	W	UPPER BEAR RIVER (above Haer, Idaho)	7	27N	117W	8,700	1222	U	JORDAN RIVER & GREAT SALT LAKE	25	45	7W	6,450	10413a	U	DUCHESNE RIVER	13	4N	4W	10,840
10G16	W	Big Park	10	29N	118W	7,500	1141P	U	Bear's Cabin	21	15	3E	7,500	939PST	U	Alwood Lake	8	2N	6W	10,600
10G17	W	CCC Ranch	25	29N	118W	7,500	1141P	U	Lamb's Canyon No. 2	21	15	3E	7,500	939PST	U	Brown Duck Ridge	3	4N	1W	10,350
10G18	W	Hayden Fork	25	29N	118W	7,500	1141P	U	Middle Canyon	18	25	3W	7,000	1132MPST	U	Chetopa-Whitlocks Lakes	26	1S	11W	8,000
10G19	W	Kelly Ranger Station	33	29N	118W	8,200	1141P	U	Mill Creek	28	25	3E	7,400	1117P	U	Current Creek	36	7S	16E	7,560
10G20	W	McCoy	4	30N	116W	8,960	1211PST	U	Rocky Basin - Settlement Canyon	30	45	3W	8,900	1026PST	U	East Point	28	4N	5W	11,000
10G21	W	Monie Crato R. S.	4	30N	116W	8,960	1211PST	U	Silver Lake (Brighton)	35	25	3E	8,725	10K1PST	U	Iron Canyon	7	1S	10E	11,000
10G22	W	Payson Meadows	29	30N	116W	8,960	1211PST	U	Upper Sevier River (above Duane Valley)	21	105	5W	7,500	1034P	U	Johnson Canyon	28	5N	3W	11,000
10G23	W	Salt River Summit x	2	30N	115W	8,400	12K1PST	U	Vernon Creek	21	105	5W	7,500	1034P	U	Kidney Lake	28	5N	3W	11,000
10G24	W	Shilwater Camp	32	2N	10E	8,550	12K1PST	U	UPPER SEVIER RIVER (South of Richfield, Utah)						U	Lakebelo Basin	13	4N	7W	11,100
10G25	W	Shilwater Camp	32	2N	10E	8,550	12K1PST	U	Box Creek	33	26S	2W	9,300	1011PST	U	Lakebelo Mountain	23	4N	4W	8,400
10G26	W	Shilwater Camp	32	2N	10E	8,550	12K1PST	U	Byre Canyon	33	26S	2W	9,300	1011PST	U	Lakebelo Mountain No. 3	23	4N	4W	8,400
10G27	W	Shilwater Camp	32	2N	10E	8,550	12K1PST	U	Duck Creek	36	36S	8W	9,480	1011PST	U	Lighting Lake	23	4N	8W	10,500
10G28	W	Shilwater Camp	32	2N	10E	8,550	12K1PST	U	Duck Creek R. S.	36	36S	8W	9,480	1011PST	U	Misty Mountain	33	3N	1E	9,500
10G29	W	Shilwater Camp	32	2N	10E	8,550	12K1PST	U	Harris Flat	11	38S	8W	7,700	1032P	U	Rock Creek	21	2N	7W	7,900
10G30	W	Shilwater Camp	32	2N	10E	8,550	12K1PST	U	High Top Mountain	24	38S	7W	7,700	118PST	U	Shadow Lake	29	3N	8W	10,150
10G31	W	Shilwater Camp	32	2N	10E	8,550	12K1PST	U	Kidney Mountain	11	27S	9W	11,300	1135P	U	Strawberry Divide	2	4S	12W	8,400
10G32	W	Shilwater Camp	32	2N	10E	8,550	12K1PST	U	Midway Valley	26	37S	5W	9,800	1135P	U	West Fork of the Duchesne	2	1N	11W	9,480
10G33	W	Shilwater Camp	32	2N	10E	8,550	12K1PST	U	Panguitch Lake	4, 8, 5	36S	7W	8,200							
10G34	W	Shilwater Camp	32	2N	10E	8,550	12K1PST	U	Squaw Springs	3	27S	2W	5,300							
10G35	W	Shilwater Camp	32	2N	10E	8,550	12K1PST	U	UPPER SEVIER RIVER (including San Pitch River)											
10G36	W	Shilwater Camp	32	2N	10E	8,550	12K1PST	U	Beaver Dam	22	19S	3E	8,000	11K1PST	U	PRICE RIVER	14	11S	7E	8,100
10G37	W	Shilwater Camp	32	2N	10E	8,550	12K1PST	U	Farnsworth Lake	34	23S	2E	9,600	11K3MP	U	Dry Valley Divide Alternate	4	14S	7E	8,600
10G38	W	Shilwater Camp	32	2N	10E	8,550	12K1PST	U	C. B. R. Headquarters	21	17S	4E	10,000	11K2PST	U	Mud Creek	1	14S	7E	8,600
10G39	W	Shilwater Camp	32	2N	10E	8,550	12K1PST	U	Gooseberry R. S.	21	23S	2E	8,000	11K2PST	U	White River No. 1	30	10S	8E	7,400
10G40	W	Shilwater Camp	32	2N	10E	8,550	12K1PST	U	Mannoth R. S. - Cottonwood Creek	13	13S	5E	8,800							
10G41	W	Shilwater Camp	32	2N	10E	8,550	12K1PST	U	Gooseberry R. S.	13	13S	5E	8,800	11K31PST	U	SAN RAFAEL RIVER	23	19S	4E	9,400
10G42	W	Shilwater Camp	32	2N	10E	8,550	12K1PST	U	Gooseberry R. S.	13	13S	5E	8,800	11K40P	U	Buck Flat	15	25S	5E	9,700
10G43	W	Shilwater Camp	32	2N	10E	8,550	12K1PST	U	Gooseberry R. S.	13	13S	5E	8,800	11K40P	U	Gooseberry Reservoir	15	25S	5E	9,700
10G44	W	Shilwater Camp	32	2N	10E	8,550	12K1PST	U	Gooseberry R. S.	13	13S	5E	8,800	11K40P	U	Gooseberry Reservoir	15	25S	5E	9,700
10G45	W	Shilwater Camp	32	2N	10E	8,550	12K1PST	U	Gooseberry R. S.	13	13S	5E	8,800	11K40P	U	Gooseberry Reservoir	15	25S	5E	9,700
10G46	W	Shilwater Camp	32	2N	10E	8,550	12K1PST	U	Gooseberry R. S.	13	13S	5E	8,800	11K40P	U	Gooseberry Reservoir	15	25S	5E	9,700
10G47	W	Shilwater Camp	32	2N	10E	8,550	12K1PST	U	Gooseberry R. S.	13	13S	5E	8,800	11K40P	U	Gooseberry Reservoir	15	25S	5E	9,700
10G48	W	Shilwater Camp	32	2N	10E	8,550	12K1PST	U	Gooseberry R. S.	13	13S	5E	8,800	11K40P	U	Gooseberry Reservoir	15	25S	5E	9,700
10G49	W	Shilwater Camp	32	2N	10E	8,550	12K1PST	U	Gooseberry R. S.	13	13S	5E	8,800	11K40P	U	Gooseberry Reservoir	15	25S	5E	9,700
10G50	W	Shilwater Camp	32	2N	10E	8,550	12K1PST	U	Gooseberry R. S.	13	13S	5E	8,800	11K40P	U	Gooseberry Reservoir	15	25S	5E	9,700
10G51	W	Shilwater Camp	32	2N	10E	8,550	12K1PST	U	Gooseberry R. S.	13	13S	5E	8,800	11K40P	U	Gooseberry Reservoir	15	25S	5E	9,700
10G52	W	Shilwater Camp	32	2N	10E	8,550	12K1PST	U	Gooseberry R. S.	13	13S	5E	8,800	11K40P	U	Gooseberry Reservoir	15	25S	5E	9,700
10G53	W	Shilwater Camp	32	2N	10E	8,550	12K1PST	U	Gooseberry R. S.	13	13S	5E	8,800	11K40P	U	Gooseberry Reservoir	15	25S	5E	9,700
10G54	W	Shilwater Camp	32	2N	10E	8,550	12K1PST	U	Gooseberry R. S.	13	13S	5E	8,800	11K40P	U	Gooseberry Reservoir	15	25S	5E	9,700
10G55	W	Shilwater Camp	32	2N	10E	8,550	12K1PST	U	Gooseberry R. S.	13	13S	5E	8,800	11K40P	U	Gooseberry Reservoir	15	25S	5E	9,700
10G56	W	Shilwater Camp	32	2N	10E	8,550	12K1PST	U	Gooseberry R. S.	13	13S	5E	8,800	11K40P	U	Gooseberry Reservoir	15	25S	5E	9,700
10G57	W	Shilwater Camp	32	2N	10E	8,550	12K1PST	U	Gooseberry R. S.	13	13S	5E	8,800	11K40P	U	Gooseberry Reservoir	15	25S	5E	9,700
10G58	W	Shilwater Camp	32	2N	10E	8,550	12K1PST	U	Gooseberry R. S.	13	13S	5E	8,800	11K40P	U	Gooseberry Reservoir	15	25S	5E	9,700
10G59	W	Shilwater Camp	32	2N	10E	8,550	12K1PST	U	Gooseberry R. S.	13	13S	5E	8,800	11K40P	U	Gooseberry Reservoir	15	25S	5E	9,700
10G60	W	Shilwater Camp	32	2N	10E	8,550	12K1PST	U	Gooseberry R. S.	13	13S	5E	8,800	11K40P	U	Gooseberry Reservoir	15	25S	5E	9,700
10G61	W	Shilwater Camp	32	2N	10E	8,550	12K1PST	U	Gooseberry R. S.	13	13S	5E	8,800	11K40P	U	Gooseberry Reservoir	15	25S	5E	9,700
10G62	W	Shilwater Camp	32	2N	10E	8,550	12K1PST	U	Gooseberry R. S.	13	13S	5E	8,800	11K40P	U	Gooseberry Reservoir	15	25S	5E	9,700
10G63	W	Shilwater Camp	32	2N	10E	8,550	12K1PST	U	Gooseberry R. S.	13	13S	5E	8,800	11K40P	U	Gooseberry Reservoir	15	25S	5E	9,700
10G64	W	Shilwater Camp	32	2N	10E	8,550	12K1PST	U	Gooseberry R. S.	13	13S	5E	8,800	11K40P	U	Gooseberry Reservoir	15	25S	5E	9,700
10G65	W	Shilwater Camp	32	2N	10E	8,550	12K1PST	U	Gooseberry R. S.	13	13S	5E	8,800	11K40P	U	Gooseberry Reservoir	15	25S	5E	9,700
10G66	W	Shilwater Camp	32	2N	10E	8,550	12K1PST	U	Gooseberry R. S.	13	13S	5E	8,800	11K40P	U	Gooseberry Reservoir	15	25S	5E	9,700
10G67	W	Shilwater Camp	32	2N	10E	8,550	12K1PST	U	Gooseberry R. S.	13	13S	5E	8,800	11K40P	U	Gooseberry Reservoir	15	25S	5E	9,700
10G68	W	Shilwater Camp	32	2N	10E	8,550	12K1PST	U	Gooseberry R. S.	13	13S	5E	8,800	11K40P	U	Gooseberry Reservoir	15	25S	5E	9,700
10G69	W	Shilwater Camp	32	2N	10E	8,550	12K1PST	U	Gooseberry R. S.	13	13S	5E	8,800	11K40P	U	Gooseberry Reservoir	15	25S	5E	9,700
10G70	W	Shilwater Camp	32	2N	10E	8,550	12K1PST	U	Gooseberry R. S.	13	13S	5E	8,800	11K40P	U	Gooseberry Reservoir	15	25S	5E	9,700
10G71	W	Shilwater Camp	32	2N	10E	8,550	12K1PST	U	Gooseberry R. S.	13	13S	5E	8,800	11K40P	U	Gooseberry Reservoir	15	25S	5E	9,700
10G72	W	Shilwater Camp	32	2N	10E	8,550	12K1PST	U	Gooseberry R. S.	13	13S	5E	8,800	11K40P	U	Gooseberry Reservoir	15	25S	5E	9,700
10G73	W	Shilwater Camp	32	2N	10E	8,550	12K1PST	U	Gooseberry R. S.	13	13S	5E	8,800	11K40P	U	Gooseberry Reservoir	15	25S	5E	9,700
10G74	W	Shilwater Camp	32	2N	10E	8,550	12K1PST	U	Gooseberry R. S.	13	13S	5E	8,800	11K40P	U	Gooseberry Reservoir	15	25S	5E	9,700
10G75	W	Shilwater Camp	32	2N	10E	8,55														



United States
Department of
Agriculture

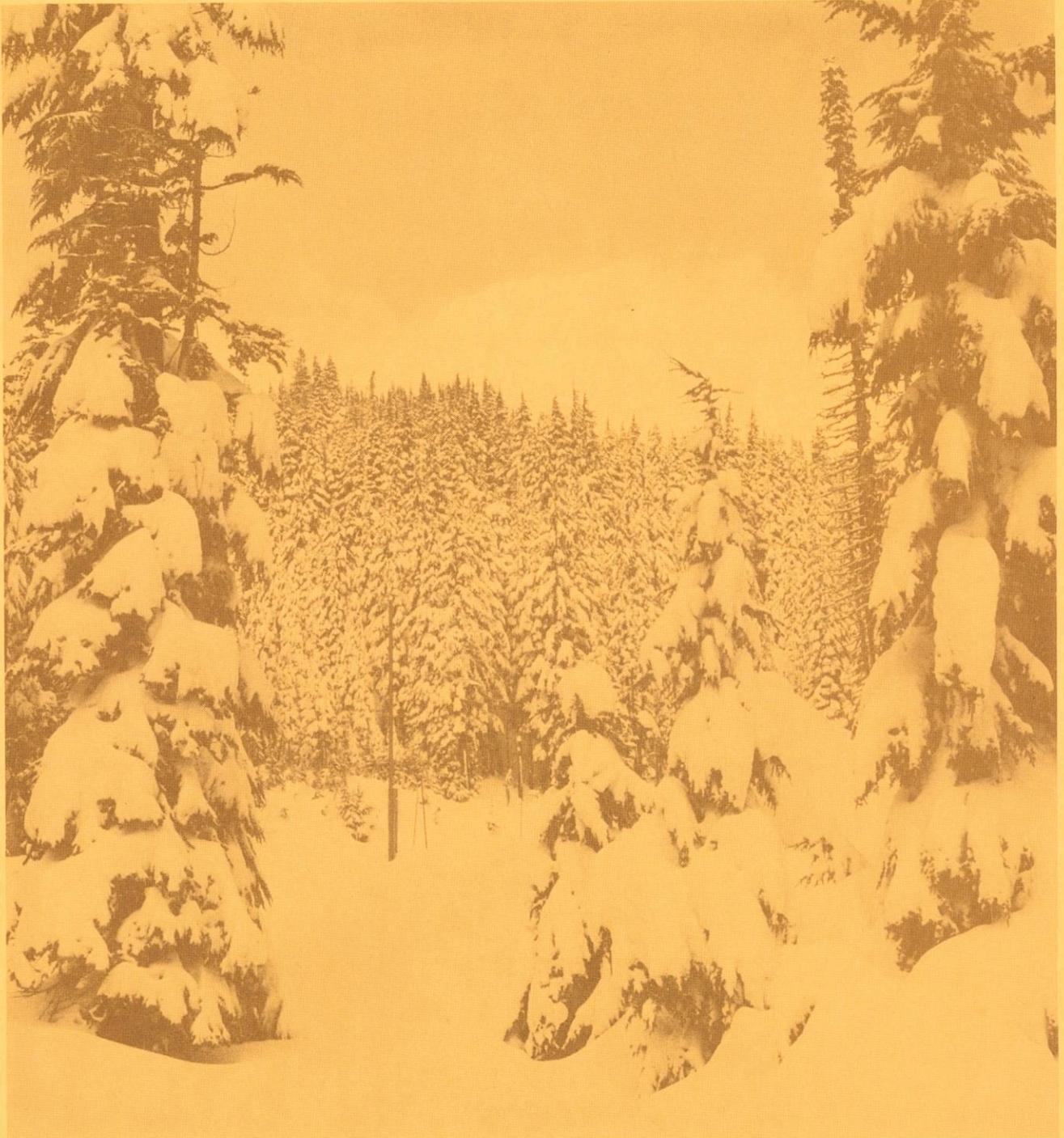
Soil
Conservation
Service

Salt Lake City
Utah



WATER SUPPLY OUTLOOK FOR UTAH

in Cooperation with Utah State Department
of Natural Resources



APRIL 1, 1985

WATER SUPPLY OUTLOOK FOR UTAH

**and
FEDERAL-STATE-PRIVATE COOPERATIVE SNOW SURVEYS**

Issued by

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



Released by

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

In Cooperation with

UTAH STATE DEPARTMENT OF NATURAL RESOURCES

ROBERT L. MORGAN State Engineer Division of Water Rights	D. LARRY ANDERSON Director Division of Water Resources
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Report prepared by Snow Survey Staff

BOB L. WHALEY, Supervisor

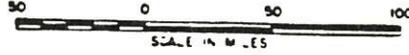
Soil Conservation Service
125 So. State, Fed. Bldg.
P.O. Box 11350
Salt Lake City, Utah 84147

PROSPECTIVE WATER SUPPLIES

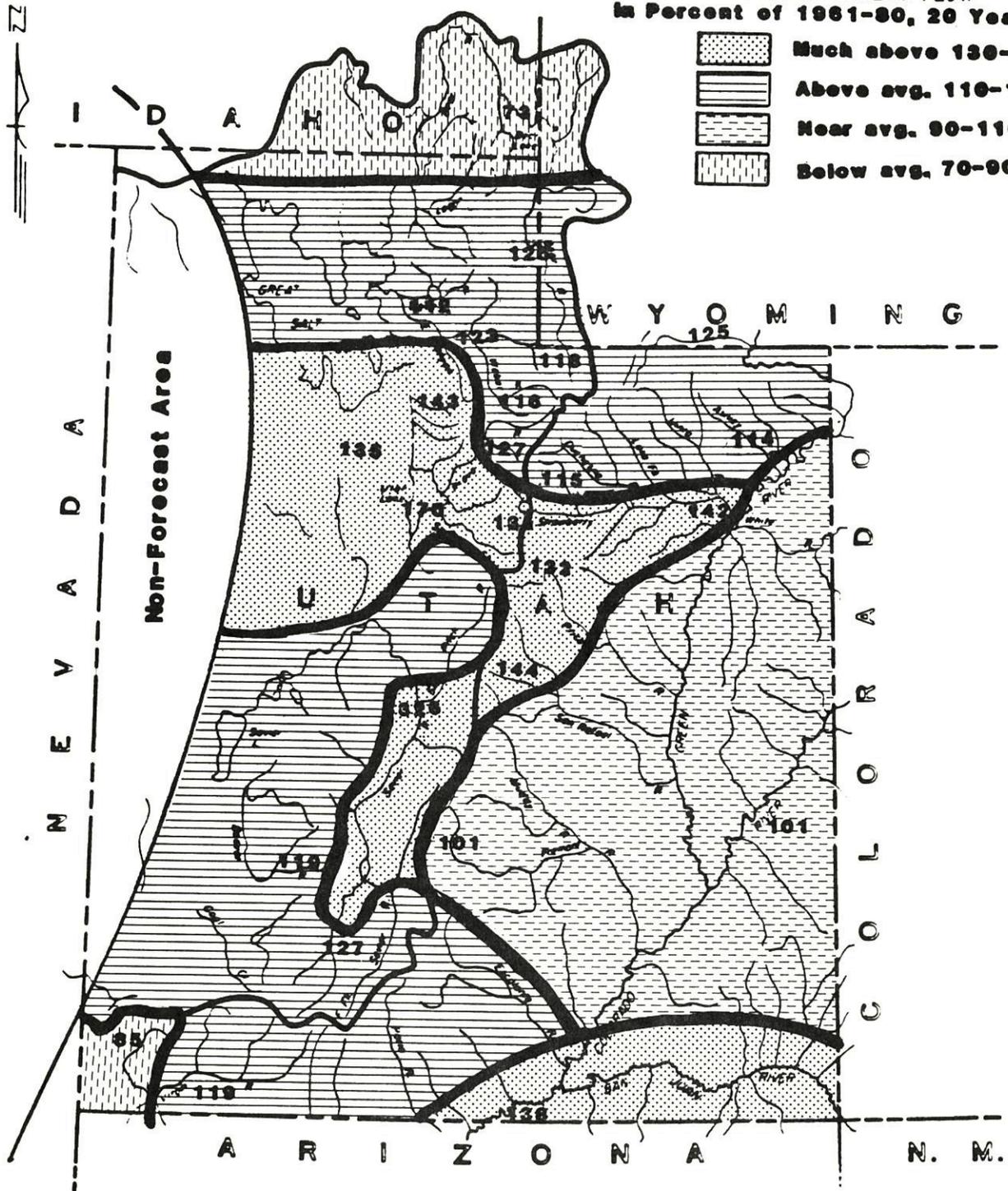
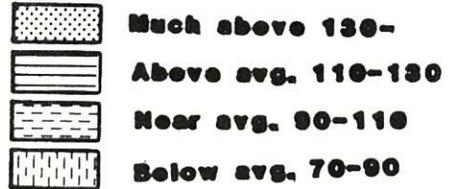
Based on Snow Surveys Made on
UTAH and BEAR RIVER WATERSHEDS

April 1, 1985

Approximate Date



FORECAST STREAM FLOW
in Percent of 1961-80, 20 Year Avg



The President's 1986 budget request to Congress calls for termination of the Snow Survey and Water Supply Forecast activity within the U. S. Soil Conservation Service for fiscal policy reasons. If the President's budget request is enacted by Congress the Snow Survey Program will be eliminated by the end of fiscal year 1986. This action would conclude over 50 years of federally coordinated snow survey effort in the Western U. S..

As of April 1, 1985

* * * * *
* Utah's 1985 Water Supply Outlook ranges from near *
* average to well above average. Snow cover varies from *
* about 50% below average on the Enterprise-New Harmony *
* drainages to about 20% above average in the Tooele *
* Valley and Vernon Creek drainages. Mountain *
* precipitation varied widely during March ranging from *
* 46% to 216% of average. Soil moisture is above average.*
* Reservoir storage is 127% of average and streamflow *
* forecasts range from almost 30% below average to 5 1/2 *
* times average. *
* * * * *

SNOW COVER

Snow measurements for the April 1 survey showed a drop as a percent of average compared to last month in some areas and an increase in other areas. Bear, Ogden and Weber River drainages lost from 1 to 13% compared to average while snowpack on the Provo River and Salt Lake Valley tributaries to the Jordan River showed increases of from 1 to 4%. Increases to the snowpack were near normal on the west end of the Uintas increasing to 30% above normal on the east end. Increases in central Utah were near normal, however the Upper Sevier, Beaver River and Virgin River snowpack increased less than normal.

Snow course percentages are as follows: Bear 89%, Ogden 103%, Weber 105%, Jordan River-Salt Lake 114%, Utah Lake 101%, Duchesne River 106%, Price River, 102%, San Rafael River 102%, Fremont River 114%, Escalante River 113%, Upper Sevier River 97%, Lower Sevier River 99%, Beaver River 97%, Virgin River 90%, and Blue Mountains 103% of the April 1 average for the 1961-1980 twenty year period.

PRECIPITATION

Precipitation at mountain stations was generally less than average during March in the northern and southern parts of the state while the central part of the state and the east end of the Uintas received above normal amounts.

SOIL MOISTURE

Watershed soils are wetter than average again this year except on the east end of the Uinta's and in the southeast corner of the state which are near average.

RESERVOIR STORAGE

Storage in 26 of Utah's key irrigation reservoirs is now 127% of the April 1, average and 71% of useable capacity.

The Great Salt Lake is now at 4209.55 feet above sea level. This is 2.20 feet higher than last year at this time and 0.30 feet above the peak of last year. The Lake is expected to peak at 4210.50 feet.

Utah Lake is now 2.92 feet above compromise and is expected to peak at 3.20 to 4.20 feet above compromise.

STREAMFLOW FORECASTS

Streamflow forecasts followed precipitation trends. Those areas with above normal precipitation in March showed increases in the forecasts while forecasts dropped in those areas with below normal precipitation. Forecasts now range from 73% of average for the Bear at Harer to 549% for the Segurd to Gunnison reach of the Sevier River.

Individual forecasts are as follows: Bear River near Utah-Wyo. line 118%, Logan River 99%, Ogden River 111%, Weber River 116% at Oakley, 127% at Gateway, Parley's Creek 143%, Provo near Hailstone 118%, Utah Lake Inflow 170%, Strawberry Inflow 135%, Duchesne at Duchesne 109%, at Tabiona 109%, at Randlett 142%, Lakefork 101%, Ashley Creek 114%, and Black's Fork 104% of the April-July average.

Price River is forecast 132% for Scofield Inflow and 164% at Heiner, Huntington Creek is forecast 143%, Cottonwood 144%, Ferron 127%, Muddy 103%, and Seven Mile and Mill Creeks 101% of average.

The Sevier River is forecast 127% at Hatch, 154% at Kingston, 326% at Gunnison, Clear Creek 122%, Salina Creek 143%, Chicken Creek 113%, and Chalk Creek 112% of the April-July average.

Beaver River is forecast 119% at Beaver and 145% for Minersville Inflow. Coal Creek is forecast 109%, Virgin near Hurricane 119% and Santa Clara 85% of average.

Water users are expected to have adequate water supplies this season with few exceptions and spring runoff peaks are expected to cause fewer problems than the last two seasons.

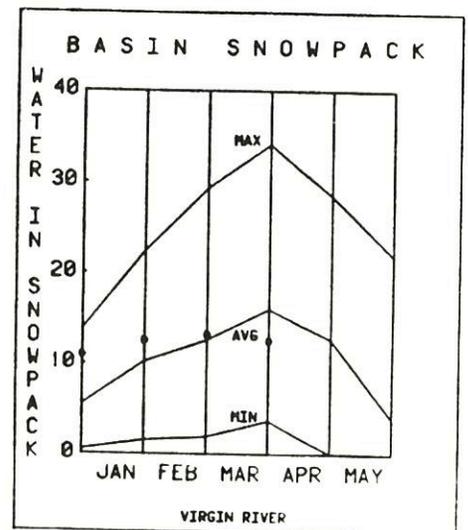
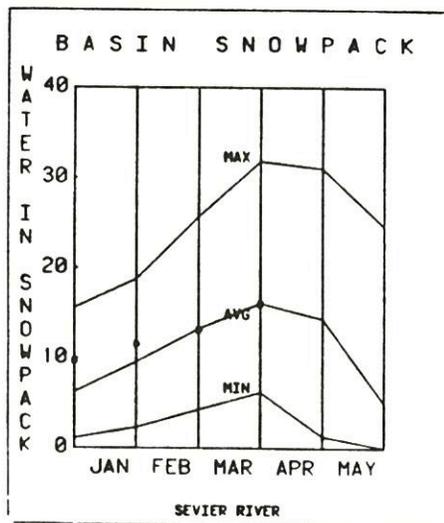
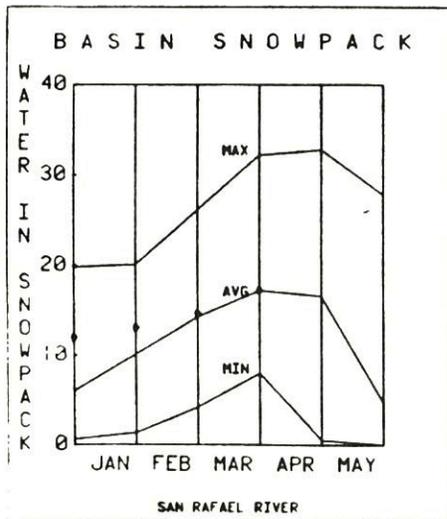
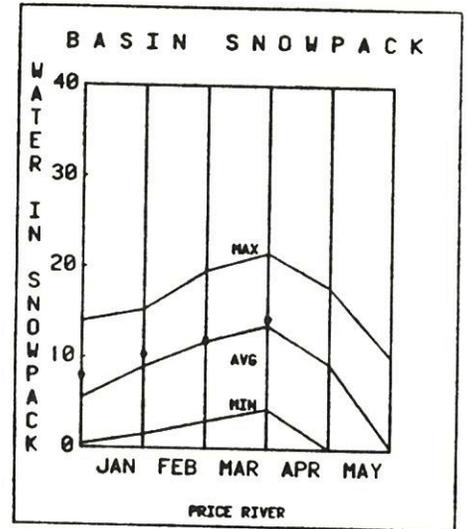
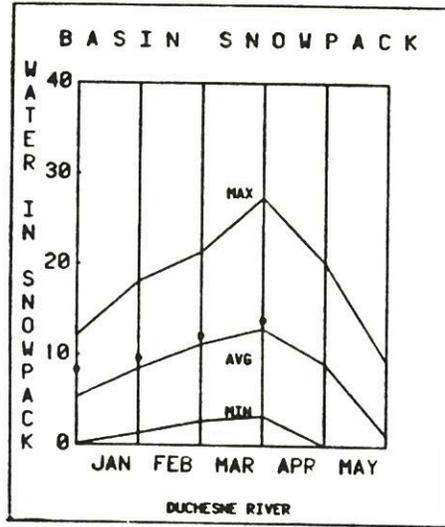
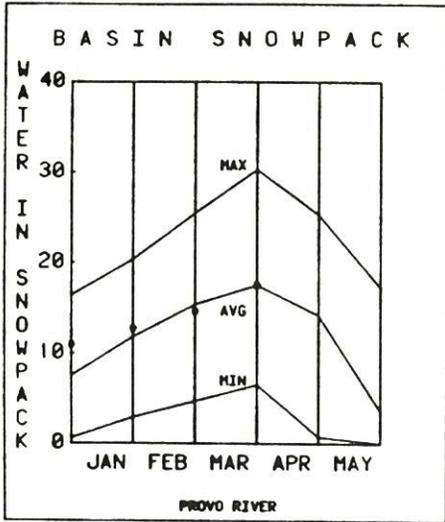
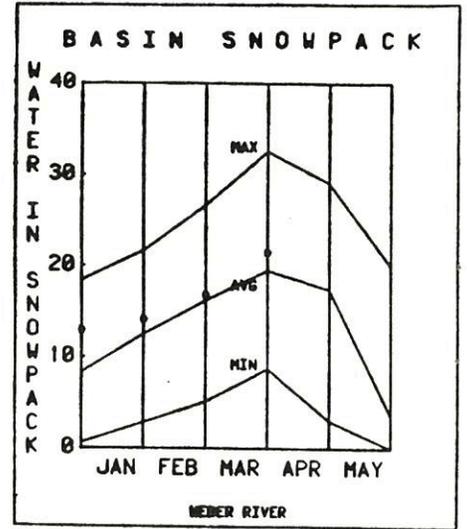
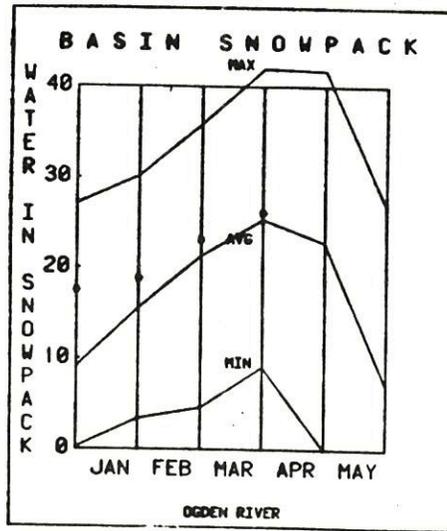
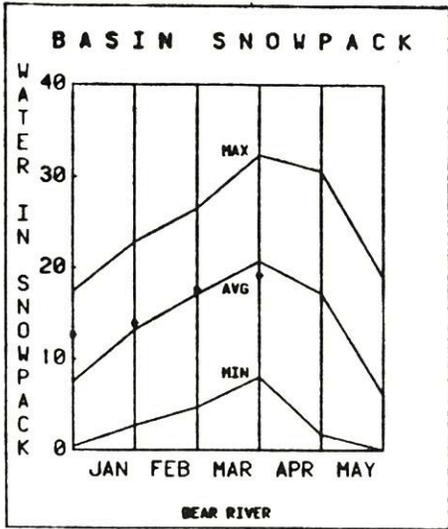
RESERVOIR STORAGE (Thousand Acre Feet) END OF MONTH

Basin or Stream	RESERVOIR	Usable Capacity	Usable Storage		
			This Year	Last Year	Average†
GREAT BASIN					
<u>Bear River</u>	Bear Lake	1421.0	1045.9	1056.4	991.5
	Woodruff Narrows	57.3	56.5	49.3	--
	Woodruff Creek	4.0	3.5	3.5	--
<u>Beaver River</u>	Minersville (RkyFd)	26.0	26.0	24.0	14.3
<u>Little Bear</u>	Hyrum	15.3	10.4	10.6	12.2
	Porcupine	11.3	6.0 ^a	8.5	5.0 ^b
<u>Ogden</u>	Causey	6.9	0.6	0.8	2.6 ^b
	Pineview	110.1	61.6	20.4	55.6
<u>Provo</u>	Deer Creek	149.7	123.3	118.1	97.9
<u>Settlement Creek</u>	Settlement Creek	1.2	0.3	0.8	0.8 ^b
	Vernon Creek	0.6	0.2	0.4	0.5 ^b
<u>Sevier River</u>	Gunnison	18.2	15.5	13.8	16.3 ^b
	Otter Creek	52.5	47.5	50.2	35.8
	Piute	71.8	71.6	58.0	46.2
	Sevier Bridge	236.0	210.1	221.3	136.2
	Panguitch Lake	22.3	20.9	20.9	--
<u>Utah Lake</u>	Utah Lake	883.9	1187.1	1236.7	722.9
<u>Weber</u>	East Canyon	48.1	25.9	16.7	36.6 ^b
	Echo	73.9	46.2	34.1	49.5
	Lost Creek	20.0	10.9	5.5	13.3 ^b
	Rockport	60.9	30.8	27.3	30.9
	Willard Bay	193.3	148.6	111.4	153.6 ^b
COLORADO R. BASIN					
<u>Ashley Creek</u>	Steinaker	33.3	30.0	26.2	22.6 ^b
	Red Fleet	26.0	20.4	18.0	--
<u>Colorado</u>	Blue Mesa	829.5	345.2	245.1	--
	Lake Powell	25002.0	21399.0	21057.0	--
<u>Green</u>	Flaming Gorge	3749.0	2987.3	3054.5	--
<u>Lakefork</u>	Moon Lake	35.8	32.7 ^a	29.4	18.3
<u>Price River</u>	Scotfield	65.8	50.9	44.4	33.3
<u>San Juan</u>	Navajo	1696.0	1395.2	1333.0	--
	Ken's Lake	2.3	0.9	0.7	--
<u>San Rafael</u>	Huntington North	3.9	3.0	2.8	3.8 ^b
	Joe's Valley	54.6	48.1	37.5	45.6 ^b
	Mill Site	16.7	12.0	13.9	4.6 ^b
<u>Strawberry</u>	Starvation	165.3	135.7	102.6	114.1 ^b
	Strawberry (enlarged)	951.4	446.6	--	--
<u>Uintah</u>	Bottle Hollow	11.3	11.1	11.1	10.6 ^b
	Currant Creek	15.5	7.7	5.4	--

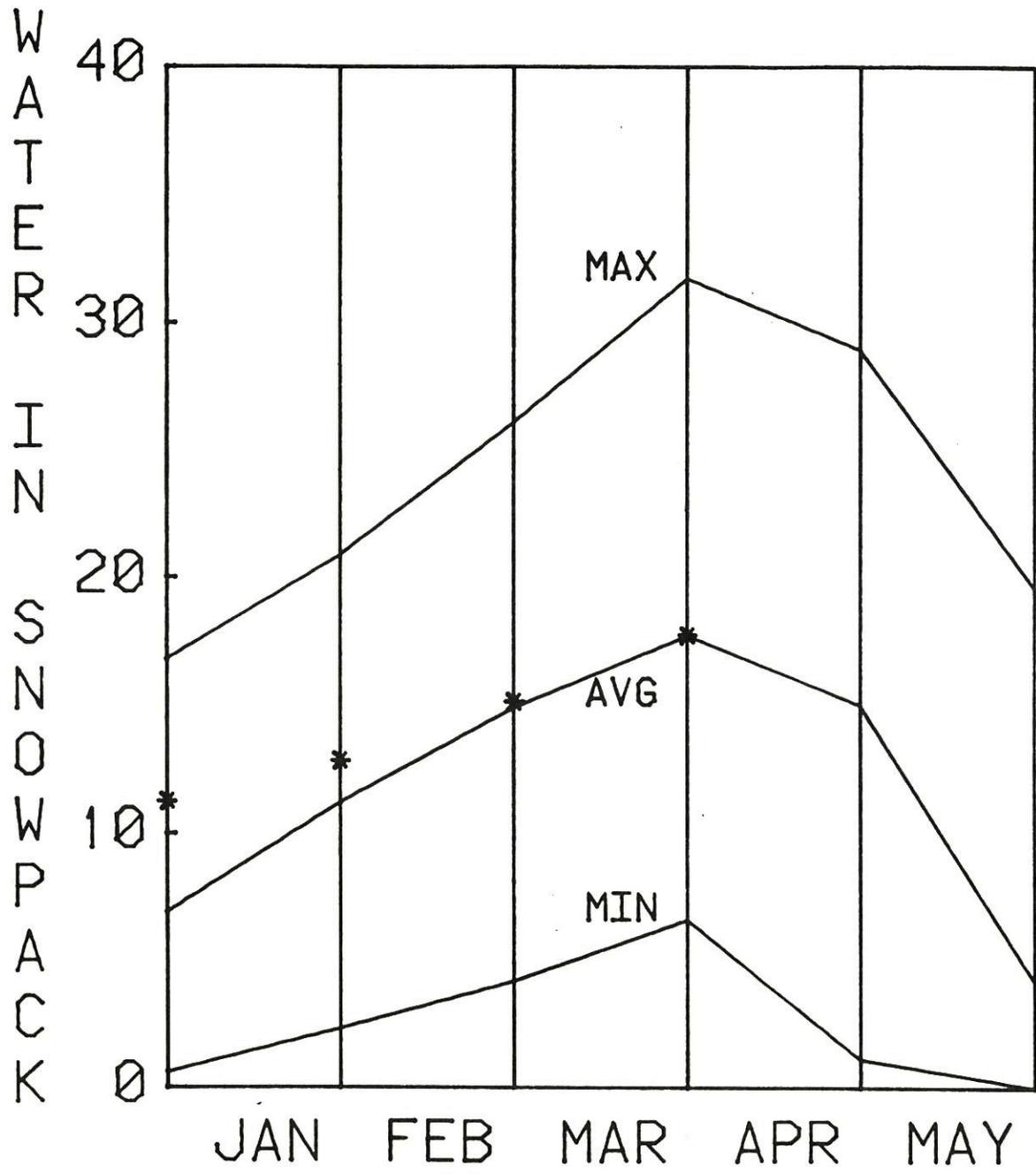
a - Partly estimated

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

+ - 1961-80 20 year average period



B A S I N S N O W P A C K

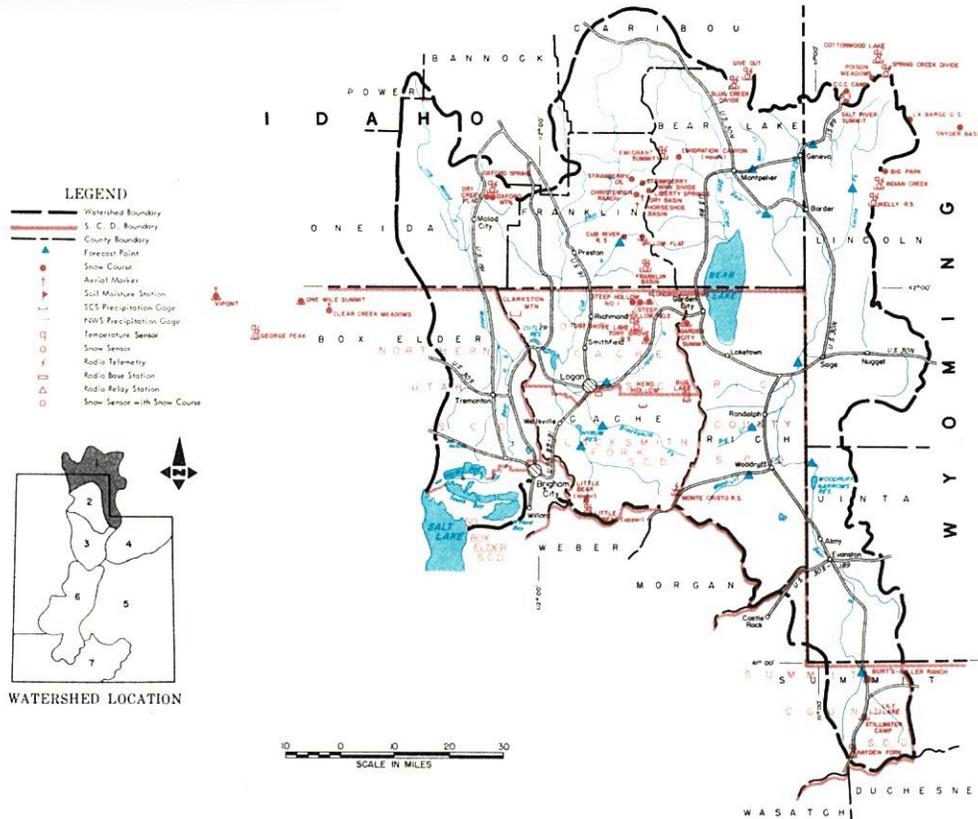


UTAH STATE WIDE

WATER SUPPLY OUTLOOK

BEAR RIVER BASIN in UTAH

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



APRIL 1, 1985

THE WATER SUPPLY OUTLOOK IS NEAR AVERAGE

SNOW COVERAGE now ranges from 78% of the April 1st average on Raft River to 89% on the Bear. Logan River has dropped to 89% of average after below average March increases to the snow pack.

PRECIPITATION at mountain locations ranged from 46% of average at Klondike Narrows to 65% at Garden City Summit.

SOIL MOISTURE is above average.

RESERVOIR STORAGE is above except in Hyrum which has been held at 10,300 acre feet prior to spring runoff.

STREAMFLOW FORECASTS dropped as much as 15% and now range from 73% of the April-September average for the Bear at Harer, Idaho to 140% for Big Creek near Randolph for the April-July period. Other Bear River forecasts are as follows: Bear near Utah-Wyoming State Line 118%, near Woodruff 125%, near Randolph 124%, Woodruff Creek 103%, Thomas Fork 74%, Smith's Fork 78%, Cub River 85%, Logan River 99%, Blacksmith's Fork 116%, and Little Bear 100% of average.

Peak Flows are expected to be in the near average range and all water users are expected to have adequate water supplies. Water users on Thomas, Smith's Fork and below the Bear at Harer may experience some late season shortages if below average precipitation continues the remainder of the runoff season.

BEAR RIVER BASIN IN UTAH

STREAMFLOW FORECASTS

BASIN, STREAM and/or FORECAST POINT	THIS YEAR		FORECAST PERIOD	PAST RECORD	
	FORECAST			THOUSAND ACRE FEET	
	Thousand Acre Feet	Percent of Average		Last Year	Average
BEAR RIVER				212	116
Bear nr UT-Wyo. State Line	130	118	Apr-July	162	110
Bear nr Woodruff 1/	174	125	Apr-July	270	139
Woodruff Crk nr Woodruff, UT	17.8	103	Apr-July		17.3
Big Creek nr Randolph, UT	7.4	140	Apr-July		5.3
Bear nr Randolph 1/	135	124	Apr-July		110
Thomas Fork nr ID-WY State Ln	26	74	Apr-Sept		35
Smith's Fork nr Border, WY	93	78	Apr-Sept		119
Bear at Harer, Idaho 1/	227	73	Apr-Sept		310
Logan nr Logan 1/	115	99	Apr-July	212	116
Blacksmith Fork nr Hyrum	59	116	Apr-July	129	51
Little Bear nr Paradise	38	100	Apr-June	97	38
Cub River nr Preston, ID	40	85	Apr-July		52

SUMMARY of SNOW MEASUREMENTS (COMPARISON WITH PREVIOUS YEARS)

RIVER BASIN and/or SUB-WATERSHED	Number of Courses Averaged	THIS YEAR AS A PERCENT OF	
		Last Year	Average
BEAR RIVER	33	73	89
UPPER BEAR RIVER	11	83	84
LOWER BEAR RIVER	22	70	92
LOGAN RIVER	7	75	89
RAFT RIVER	4	57	78

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

RESERVOIR STORAGE (Thousand Acre Foot)

BASIN OR STREAM	RESERVOIR	Usable Capacity	USABLE STORAGE		
			This Year	Last Year	Average
BEAR RIVER	Bear Lake	1421.0	1045.9	1056.4	991.5
	Woodruff Narrows	55.8	56.5	49.3	--
	Woodruff Creek	3.5	3.5	3.5	--
LITTLE BEAR	Hyrum	15.3	10.3	10.6	12.2
	Porcupine	11.3		8.5	5.0 ^b

PEAK FLOWS

FORECAST POINT	PEAK FLOW (SECOND FEET)	
	Forecast Range	Average
Bear nr. Ut.-Wyo. Stateline	1450-2195	1506
Woodruff Creek nr Woodruff	215-360	253
Big Creek nr Randolph	60-100	48 ^b
Logan River nr Logan	625-1210	980
Little Bear nr Paradise	375-700	519

SNOW

DRAINAGE BASIN and/or SNOW COURSE	THIS YEAR			PAST RECORD	
	Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Water Content (Inches)	
				Last Year	Average
Burts-Miller Ranch	3/26	15	5.0	7.1	6.1
Cub River R.S.	3/25	21	7.4	15.2	7.1
Emigrant Summit	3/29	72	24.5	32.8	25.7
Franklin Basin	3/25	67	24.6	31.3	28.3
Garden City Summit	3/25	53	16.6	20.7	18.7
Hayden Fork	3/28	56	16.0	18.3	16.0 ^b
Klondike Narrows	3/25	49	19.3	24.9	20.9

SNOW

DRAINAGE BASIN and/or SNOW COURSE	THIS YEAR			PAST RECORD	
	Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Water Content (Inches)	
				Last Year	Average
Little Bear Lower	3/25	36	12.1	13.6	10.2
Little Bear Upper	3/25	40	14.9	18.2	13.2
Monte Cristo	3/26	70	25.1	29.0	26.1
Salt River Summit	3/26	49	13.4	15.8	17.0
Stillwater Camp	3/26	35	9.4	13.0	11.1
Tony Grove R.S.	3/25	37	12.2	18.0	12.0

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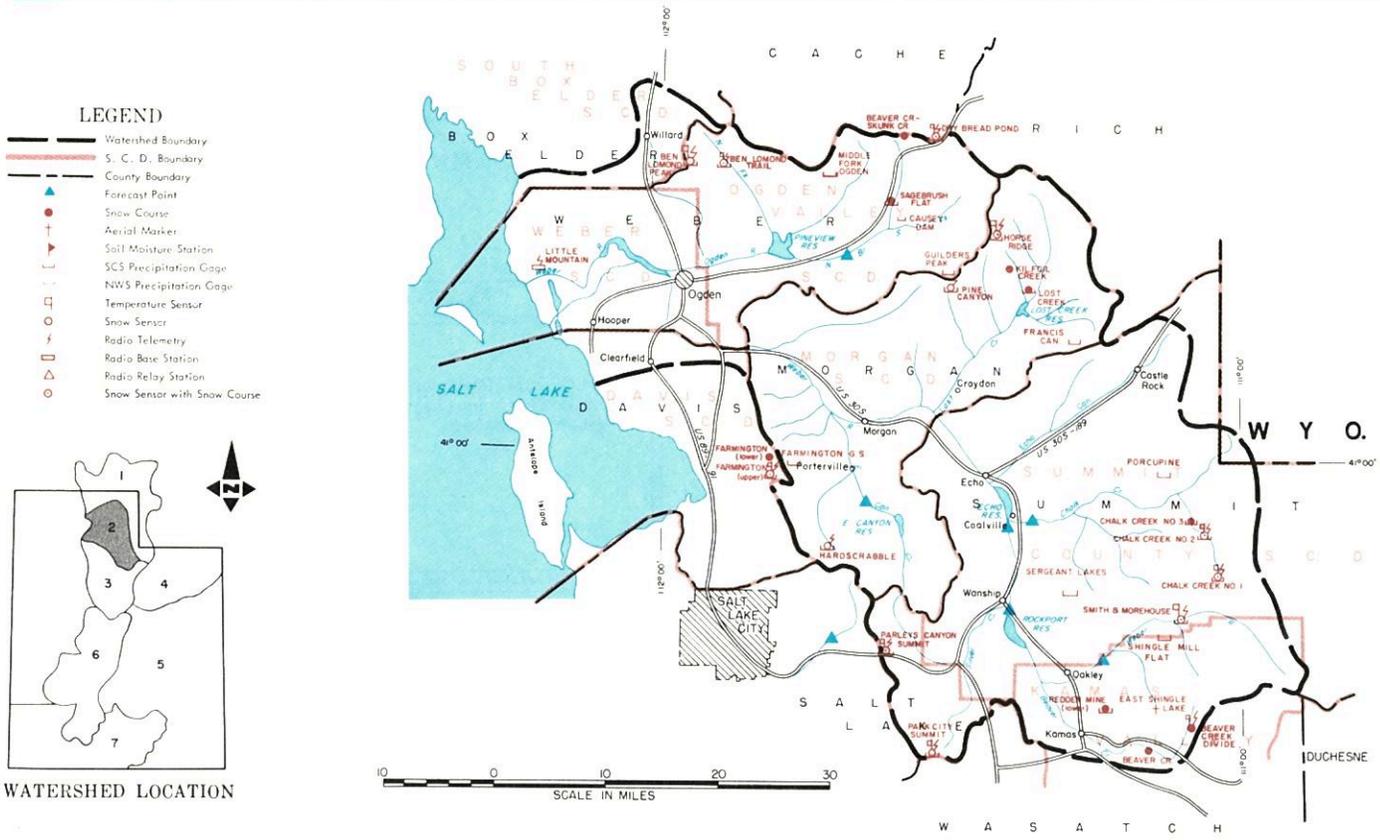
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WATER SUPPLY OUTLOOK

WEBER-OGDEN WATERSHEDS in UTAH

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



THE WATER SUPPLY OUTLOOK IS ABOVE AVERAGE

SNOW COVER is now 103% of the April 1 average on the Ogden River and 104% on the Weber. March storms brought below average increases to the snow pack on the Ogden watershed and near average on the Weber except on East Canyon and Hardscrabble which were slightly above average.

PRECIPITATION at mountain stations was generally within 20% of average over both basins.

SOIL MOISTURE is well above average.

RESERVOIR STORAGE is generally below average but more than last year except in Pineview which is 110% of average.

STREAMFLOW FORECASTS now range from 111% of the April-June average for South Fork Ogden to 168% for East Canyon Creek.

Pineview Inflow is forecast 112% of April-June average or 41% of last year's flow for the same period. The Weber River is forecast 116% at Oakley, 118% for Rockport Inflow, 119% at Coalville, 123% Echo Inflow, and 127% at Gateway. Chalk Creek is forecast 118%, Lost Creek 141%, and Hardscrabble Creek 149% of the April-June average.

Peak flows are expected to be in the near average range and all water users are expected to have adequate water.

WEBER-OGDEN WATERSHEDS IN UTAH

STREAMFLOW FORECASTS

BASIN, STREAM and/or FORECAST POINT	THIS YEAR			PAST RECORD	
	FORECAST *		FORECAST PERIOD	THOUSAND ACRE FEET	
	Thousand Acre Feet	Percent of Average †		Last Year ‡	Average †
WEBER-OGDEN RIVERS					
Weber nr Oakley	118	116	Apr-June	156	102
Rockport Reservoir Inflow 1/	131	118	Apr-June	191	111
Chalk Creek at Coalville	43	118	Apr-June	78	36
Weber nr Coalville 1/	141	119	Apr-June	202	119
Lost Creek nr Croydon, UT 1/	22	141	Apr-June	37	15.6
East Canyon Creek nr Morgan 1/	42	168	Apr-June	63	25
Hardscrabble Crk nr Porterville	27	149	Apr-June	--	18.4
S. Fork Ogden nr Huntsville 1/	63	111	Apr-June	111	57
Pineview Reservoir Inflow 1/	129	112	Apr-June	309	115
Echo Reservoir Inflow 2/	178	123	Apr-June	235	145
Weber at Gateway 1/	380	127	Apr-June	650	300
JORDAN RIVER & SALT LAKE					
Farmington Crk nr Farmington	9.0	110	Apr-July	--	8.2

SUMMARY of SNOW MEASUREMENTS (COMPARISON WITH PREVIOUS YEARS)

RIVER BASIN and/or SUB-WATERSHED	Number of Courses Averaged	THIS YEAR AS A PERCENT OF	
		Last Year	Average †
		OGDEN RIVER	6
WEBER RIVER	17	81	105

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 e - Maximum mean daily peak flow
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RESERVOIR STORAGE (Thousand Acre Feet)

BASIN OR STREAM	RESERVOIR	Usable Capacity	USEABLE STORAGE		
			This Year	Last Year	Average †
OGDEN	Causey	6.9	0.6	0.8	2.6 ^b
	Pineview	110.1	61.6	20.4	55.6
WEBER	East Canyon	48.1	25.9	16.7	36.6 ^b
	Echo	73.9	46.2	34.1	49.5
	Lost Creek	20.0	10.9	5.5	13.3 ^b
	Rockport	60.9	30.8	27.3	30.9
	Willard Bay	193.3	148.6	111.4	153.6 ^b

PEAK FLOWS^e

FORECAST POINT	PEAK FLOW (SECOND FEET)	
	Forecast Range *	Average †
South Fork Ogden nr Huntsville	610-1080	763
Chalk Creek nr Coalville	515-860	510
Weber nr Oakley	1245-2170	1540

SNOW

DRAINAGE BASIN and/or SNOW COURSE	THIS YEAR			PAST RECORD	
	Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Water Content (Inches)	
				Last Year	Average †
Beaver Creek R.S.	3/28	27	7.1	12.2	7.6
Beaver Creek-Skunk Creek	3/26	36	13.3	16.6	12.4
Ben Lomond Peak	3/25	92	37.6	63.1 ^a	38.3
Ben Lomond Trail	3/25	60	23.1	30.4	17.5
Chalk Creek #1	3/28	79	25.2	27.4	22.6
Chalk Creek #2	3/28	57	17.1	18.2	15.5
Chalk Creek #3	3/28	29	7.8	10.1	7.6
Dry Bread Pond	3/26	53	19.0	24.2	19.5
Farmington Upper	3/30	98	37.0	43.4	31.8

SNOW

DRAINAGE BASIN and/or SNOW COURSE	THIS YEAR			PAST RECORD	
	Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Water Content (Inches)	
				Last Year	Average †
Horse Ridge	3/26	57	21.3	27.5	22.3 ^b
Lost Creek Reservoir	3/26	12	3.0	6.5	2.4 ^a
Monte Cristo	3/26	70	25.1	29.0	26.1
Parleys Canyon Summit	3/27	66	20.7	26.5	18.8
Sagebrush Flat	3/26	6	1.4	3.2	2.0
Smith & Morehouse	3/28	48	16.7	17.6	13.3
Trial Lake	3/28	75	22.8	26.3	24.5

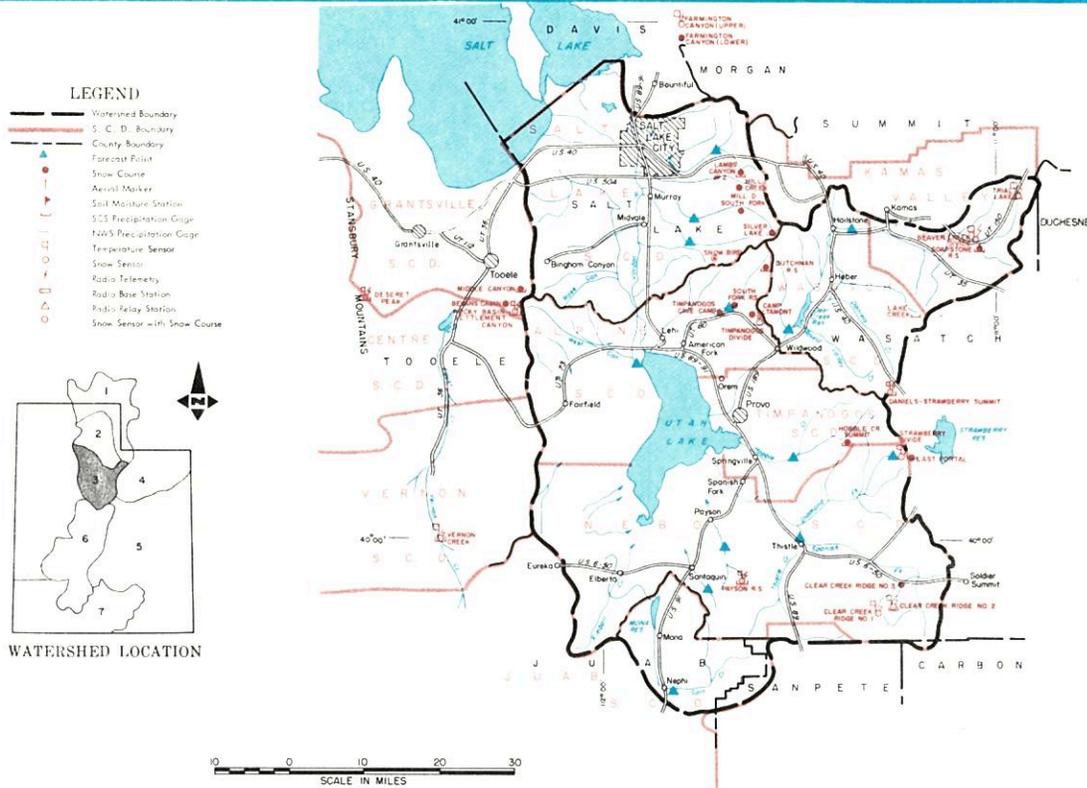
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WATER SUPPLY OUTLOOK

UTAH LAKE, JORDAN RIVER and TOOELE VALLEY WATERSHEDS in UTAH

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



APRIL 1, 1985
THE WATER SUPPLY OUTLOOK IS ABOVE AVERAGE

SNOW COVER ranges from 95% of the April 1st average on the Provo River to 121% for the Tooele valley and Vernon Creek. Jordan River-Salt Lake Front Watersheds are now 111% of average. Utah Lake Watershed as a whole is 101% of the April 1st average.

PRECIPITATION at mountain stations ranged from 105% of the March average at Payson Ranger Station to 159% at Middle Canyon above Tooele.

SOIL MOISTURE is above average.

RESERVOIR STORAGE is above average except in Settlement and Vernon Creek Reservoir and those have now begun to store water. Strawberry and Soldier Creek reservoirs are now equalized into one reservoir (Strawberry Enlargement) which is now 46% of useable capacity (446,600 acre feet). Utah Lake is + 2.92 feet above compromise and Great Salt Lake is 4209.55 feet above sea level.

STREAMFLOW FORECASTS now range from 118% for the Provo near Hailstone to 170% of the April-July average for Utah Lake Inflow. Over the last month forecasts have either stayed the same or increased and are now as follows: Payson Creek 122%, Spanish Fork 148%, Hobbie Creek 162%, Provo below Deer Creek Dam 127%, and American Fork 129%. Streams along the Salt Lake Front are forecast from 120% to 143% and Tooele Valley streams range from 133% to 145% of average. Peak flows are forecast above average for all streams but the Provo near Hailstone which is forecast near average. Property owners with property near stream channels of streams with above average forecasts and those with property around Utah Lake and the Great Salt Lake should take precautions to secure their property. All water users are expected to have adequate water supplies this season.

UTAH LAKE, JORDAN RIVER AND TOOELE VALLEY WATERSHEDS IN UTAH

STREAMFLOW FORECASTS

BASIN, STREAM and/or FORECAST POINT	THIS YEAR		FORECAST PERIOD	PAST RECORD	
	FORECAST			THOUSAND ACRE FEET	
	Thousand Acre Feet	Percent of Average		Last Year	Average
PROVO RIVER AND UTAH LAKE					
Provo nr Hailstone 1/	125	118	Apr-July	176	106
Provo below Deer Creek Dam/	152	127	Apr-July	--	118
American Fork nr American Fk	40	129	Apr-July	--	31
Hobble Creek nr Springville	28	162	Apr-July	--	18.7
Strawberry Reservoir Inflow	72	135	Apr-July	87	53
Spanish Fork at Thistle	59	148	Apr-July	--	40
Payson Creek nr Payson	7.6	122	Apr-July	--	6.2
Utah Lake Inflow	405	170	Apr-July	--	238
JORDAN RIVER & SALT LAKE					
Little Cottonwood Crk nr SLC	46	120	Apr-July	61	38
Big Cottonwood nr SLC	52	140	Apr-July	59	37
Parley's Creek nr SLC	21	143	Apr-July	38	14.8
Mill Creek nr SLC	8.4	142	Apr-July	14.5	5.8
Emigration Creek nr SLC	5.2	141	Apr-July	11.7	3.7
City Creek nr SLC	9.4	120	Apr-July	18.0	7.7
TOOELE VALLEY					
Settlement Crk nr Tooele	3.1	135	Apr-July	--	2.3
S. Willow Crk nr Grantsville	4.0	133	Apr-July	6.6	3.0
Vernon Creek nr Vernon	1.2	145	Apr-June	3.1	0.8

SUMMARY of SNOW MEASUREMENTS (COMPARISON WITH PREVIOUS YEARS)

RIVER BASIN and/or SUB-WATERSHED	Number of Courses Averaged	THIS YEAR AS A PERCENT OF	
		Last Year	Average
UTAH LAKE	9	76	101
PROVO RIVER	4	82	95
JORDAN RIVER & SALT LAKE	6	89	114
TOOELE VALLEY & VERNON CREEK	4	66	121

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 * - Forecast in cooperation with National Weather Service

RESERVOIR STORAGE (Thousand Acre Foot)

BASIN OR STREAM	RESERVOIR	Usable Capacity	USEABLE STORAGE		
			This Year	Last Year	Average
SPANISH FORK	Strawberry (enlg)	951.4	446.6	--	--
UTAH LAKE	Utah Lake	883.9	1187.1	1236.7	722.9
	Settlement Creek	1.2	0.3	0.8	0.8 ^b
	Vernon Creek	0.6	0.2	0.4	0.5 ^b
PROVO	Deer Creek	149.7	123.3	118.1	97.9

PEAK FLOWS^e

FORECAST POINT	PEAK FLOW (SECOND FEET)	
	Forecast Range	Average
Big Cottonwood nr Salt Lake City	430-630	442
Little Cottonwood nr Salt Lake City	450-600	384
Provo Near Hailstone	1500-2100	2128
Spanish Fork nr Thistle	600-1200	451 ^b
American Fork nr American Fork	330-600	329
Mill Creek nr Salt Lake City	65-100	59
Parley's Creek nr Salt Lake City	180-280	153
City Creek nr Salt Lake City	75-135	75
Emigration	45-70	--

SNOW

DRAINAGE BASIN and/or SNOW COURSE	THIS YEAR			PAST RECORD	
	Date of Survey	Snow Depth (inches)	Water Content (inches)	Water Content (inches)	
				Last Year	Average
Bevans Cabin	3/30	47	14.2	23.4	11.3
Clear Creek #1	3/29	70	20.9	25.2	19.1
Clear Creek #2	3/29	57	15.6	19.5	14.2
Clear Creek #3	3/29	23	6.4	10.4	5.8
Daniels-Strawberry Summit	3/25	45	15.3	17.7	14.9
Deseret Peak	3/30	77	26.2	40.9	21.7 ^a
Hobble Creek Summit	3/30	44	15.3	21.6	14.3
Lambs Canyon #2	3/27	58	18.5	23.5	16.2 ^a
Middle Canyon	3/30	56	18.8	27.0	14.4
Mill Creek	3/28	68	22.4	26.0	20.9 ^a

SNOW

DRAINAGE BASIN and/or SNOW COURSE	THIS YEAR			PAST RECORD	
	Date of Survey	Snow Depth (inches)	Water Content (inches)	Water Content (inches)	
				Last Year	Average
Mill D South Fork	3/28	57	21.6	24.6	19.8
Parley's Canyon Summit	3/27	66	20.7	26.5	18.8
Payson R.S.	3/25	49	18.9	29.1	19.1
Rocky Basin-Settlement	3/30	89	31.4	45.4	27.5 ^b
Silver Lake Brighton	3/28	82	29.0	28.2	25.8
Soapstone R.S.	3/28	38	10.4	14.6	12.1
Timpanogos Divide	4/1	--	25.2 ^a	10.4	3.9
Trial Lake	3/28	75	22.8	26.3	24.5
Vernon Creek	4/1	--	15.2 ^a	21.6 ^a	10.2 ^a

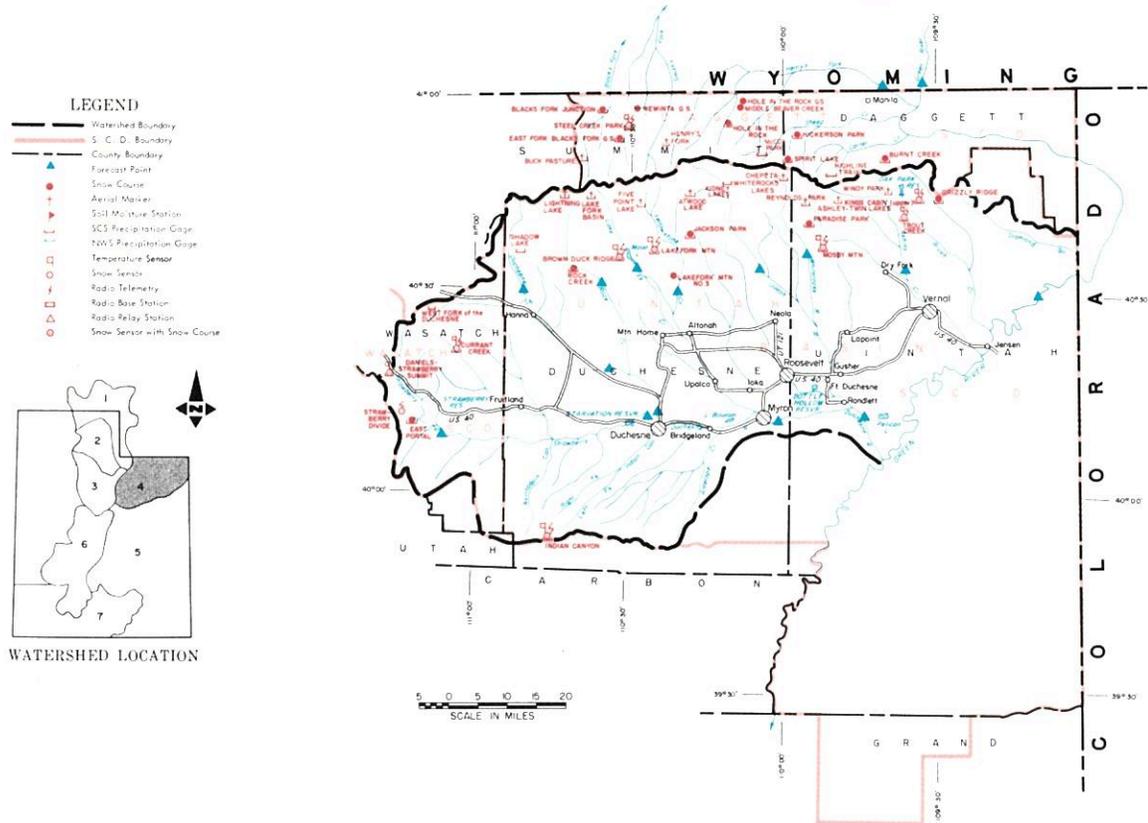
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WATER SUPPLY OUTLOOK

UINTAH BASIN and DAGGETT SCD's in UTAH

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



APRIL 1, 1985

THE WATER SUPPLY OUTLOOK IS NEAR AVERAGE

SNOW COVER ranges from 89% of average on Black's Fork to 113% on Uinta-Whiterocks Rivers. Lakefork-Yellowstone drainages are 105%, Sheep Creek and Strawberry River 109% and Ashley Creek 100% of the April 1st average.

PRECIPITATION at mountain stations ranged from 64% of the March average at Black's Fork Guard Station to 203% at Paradise Park. Most areas received above average increases except on the Black's Fork.

SOIL MOISTURE is above average.

RESERVOIR STORAGE is above average.

STREAMFLOW FORECASTS range from 101% of the April-July average on Lakefork to 142% for the Duchesne at Randlett. The Duchesne River is forecast 111% for the West Fork, 109% at Tabiona and Duchesne, and 141% at Myton. Currant Creek is forecast 115%, Strawberry 121% at Duchesne, Rock Creek 110%, Lakefork 101%, Yellowstone 107%, Whiterocks 120%, and Uinta 119%. Ashley Creek is forecast 114%, Henry's Fork 125%,

Black's Fork 104%, and Flaming Gorge Inflow 88%.

All water users are expected to have an adequate water supply and peak flows are expected to be in the near average range this season.

UINTAH BASIN AND DAGGETT SCD's IN UTAH

STREAMFLOW FORECASTS

BASIN, STREAM and/or FORECAST POINT	THIS YEAR		FORECAST PERIOD	PAST RECORD	
	FORECAST	PERCENT OF AVERAGE		THOUSAND ACRE FEET	
	Thousand Acre Foot	Percent of Average		Last Year	Average
DUCHESNE RIVER					
Duchesne nr Tabiona 1/	114	109	Apr-July	139	105
Duchesne at Duchesne 1/	206	109	Apr-July	--	189
Strawberry at Duchesne	70	121	Apr-July	--	58
Rock Creek nr Mtn. Home	102	110	Apr-July	116	93
Currant Creek nr Fruitland	23	115	Apr-July	53	20
Lakefork below Moon Lake 1/	71	101	Apr-July	81	70
Yellowstone nr Altonah	70	107	Apr-July	68	65
Duchesne at Myton 1/	290	141	Apr-July	347	205
Whiterocks nr Whiterock	70	120	Apr-July	59	58
Uinta nr Neola	102	119	Apr-July	--	86
Duchesne at Randlett 1/	365	142	Apr-July	--	257
West Fork Duchesne at Hanna	29	111	Apr-July	--	26
FLAMING GORGE TO DUCHESNE RIVER					
Henry's Fork nr Manila	60	125	Apr-Sept	94	48
Black's Fork nr Millburne	94	104	Apr-July	123	90
Flaming Gorge Inflow 1/	1100	88	Apr-July	--	1248
Ashley Creek nr Vernal	58	114	Apr-July	62	51

SUMMARY of SNOW MEASUREMENTS (COMPARISON WITH PREVIOUS YEARS)

RIVER BASIN and/or SUB-BASIN	Number of Courses Averaged	THIS YEAR AS A PERCENT OF	
		Last Year	Average
DUCHESNE RIVER - TOTAL	15	97	106
LAKEFORK-YELLOWSTONE CREEKS	4	96	105
STRAWBERRY RIVER	5	94	109
UINTAH - WHITEROCKS RIVERS	3	102	113
ASHLEY CREEK	3	82	100
BLACK'S FORK	3	67	89
SHEEP CREEK	3	74	109

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RESERVOIR STORAGE (Thousand Acre Feet)

BASIN OR STREAM	RESERVOIR	Usable Capacity	USEABLE STORAGE		
			This Year	Last Year	Average
ASHLEY CREEK	Red Fleet	26.0	20.4	18.0	--
	Steinaker	33.3	30.0	26.0	22.6 ^b
GREEN RIVER	Flaming Gorge	3749.0	2987.3	3054.5	--
	Lake Fork	35.8	32.7 ^e	29.4	18.3
STRAWBERRY	Currant Creek	15.5	7.7	5.2	--
	Starvation	165.3	135.7	102.6	114.1 ^b
	Strawberry (enlg)	951.4	446.6	60.0	--
UINTAH	Bottle Hollow	11.3	11.1	11.1	10.6 ^b

PEAK FLOWS^e

FORECAST POINT	PEAK FLOW (SECOND FEET)	
	Forecast Range *	Average
Strawberry at Duchesne	500-900	675
Ashley Creek nr Vernal	725-1200	966
Rock Creek nr. Mtn. Home	1225-1695	1415

SNOW

DRAINAGE BASIN and/or SNOW COURSE	THIS YEAR			PAST RECORD	
	Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Last Year	Average
Brown Duck Ridge	3/28	78	20.4	22.4	20.0
Burnt Creek	3/28	26	6.0	6.0	4.6 ^a
Currant Creek	3/28	38	11.0	11.1	9.2
Daniels-Strawberry	3/25	45	15.3	17.7	14.9
Grizzly Ridge	3/28	43.1	10.7	12.0	10.0 ^a
Hewinta G. S.	3/26	32	8.3	13.1	9.5 ^b
Hickerson Park	3/28	30	7.4	11.9	6.6 ^b
Hole-in-the-Rock	4/1	21	5.9	5.6	2.4 ^b
Jackson Park	3/28	60	14.6	13.9	12.8 ^b
Kings Cabin Upper	3/28	42	9.2	13.7	10.7
Middle Beaver	4/1	19	4.8	4.5	5.3 ^b

SNOW

DRAINAGE BASIN and/or SNOW COURSE	THIS YEAR			PAST RECORD	
	Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Last Year	Average
Lakefork Mountain #1	3/28	51	10.9	11.8	11.5
Mosby Mountain	3/28	44	10.6	11.4	9.9
Paradise Park	3/28	57	15.3	14.4	13.3
Rock Creek Ranch	3/28	34	10.3	7.6	6.4
Spirit Lake	3/28	54	13.0	17.8	12.7 ^b
Steel Creek Park	3/26	53	14.7	20.8	16.1 ^b
Strawberry Divide	3/25	58	20.4	25.1	19.5
Trout Creek	3/28	48	11.3	12.4	10.6 ^a

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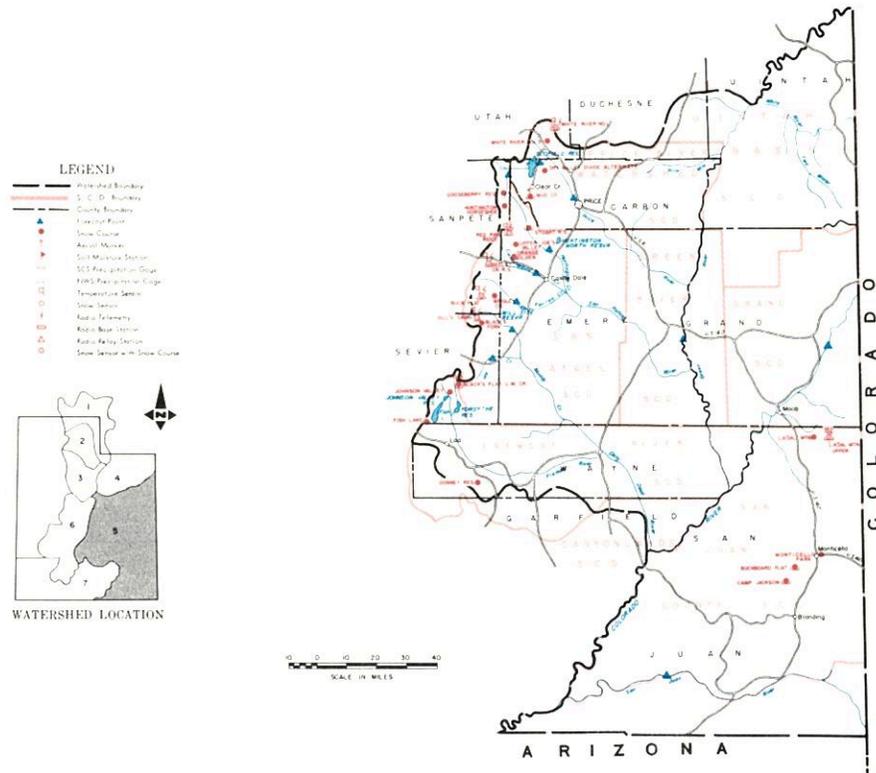
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WATER SUPPLY OUTLOOK

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

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



APRIL 1, 1985

THE WATER SUPPLY OUTLOOK IS NEAR AVERAGE TO ABOVE AVERAGE

SNOW COVER dropped during the month of March on the Blue Mountains by 2% and on the Muddy River drainage by 6% whereas the Price, San Rafael, Fremont and LaSal Mountains snow courses increased from 1% on the San Rafael River to 16% on the Fremont River. Snow cover on the Blue Mountains is 103%, Muddy River 80%, Price River 102%, San Rafael 102%, Fremont River 114%, and LaSal Mountains 71% of the April 1 average.

PRECIPITATION at mountain stations varied from 109% of the March average at LaSal Mountain (Upper) to 216% at Stuart Ranger Station.

SOIL MOISTURE is above average.

RESERVOIR STORAGE is well above average.

STREAMFLOW FORECASTS generally increased during March and now range from 101% of the April-July average for Mill Creek near Moab to 165% for Navajo Reservoir Inflow on the San Juan River. Individual forecasts are as follows: Gooseberry Creek 131%, Scofield Inflow 132%, Price near Heiner 164%, Huntington Creek 143%, Cottonwood Creek 144%, Ferron Creek 127%, Muddy Creek 103%, and Seven Mile Creek 101%. The Colorado is forecast 151% near Cisco, Green River 103% near Green River and San Juan 156% near Bluff. Peak flows are forecast above average again this year and property close to streams should be protected. All water users are expected to have adequate water supplies this season.

CARBON, EMERY, WAYNE, GRAND AND SAN JUAN COUNTIES IN UTAH

STREAMFLOW FORECASTS

BASIN, STREAM and/or FORECAST POINT	THIS YEAR		FORECAST PERIOD	PAST RECORD	
	Thousand Acre Feet	Percent of Average †		Last Year ‡	Average †
PRICE RIVER					
Gooseberry Crk nr Scofield	14	131	Apr-July	--	10.7
Scofield Reservoir Inflow	50	132	Apr-July	--	38
Price nr Heiner 1/	104	164	Apr-July	--	63
SAN RAFAEL RIVER					
Huntington Crk nr Huntington	70	143	Apr-July	--	49
Cottonwood Crk nr Orangeville	68	144	Apr-July	171	47
Ferron Creek nr Ferron	47	127	Apr-July	80	37
MUDDY CREEK					
Muddy Creek nr Emery	19	103	Apr-July	46	18.5
UPPER COLORADO BASIN					
Colorado nr Cisco, UT	4600	151	Apr-July	--	3046
Green at Green River, UT	3100	103	Apr-July	--	3016
Mill Creek nr Moab	5.6	101	Apr-July	18.7	5.5
Navajo Reservoir Inflow	1200	165	Apr-July	--	684
San Juan nr Bluff, UT	1550	156	Apr-July	--	995
FREMONT RIVER					
Seven Mile Crk nr Fish Lake	6.6	101	Apr-July	15.9	6.5b

SUMMARY of SNOW MEASUREMENTS (COMPARISON WITH PREVIOUS YEARS)

RIVER BASIN and/or SUB-WATERSHED	Number of Courses Averaged	THIS YEAR AS A PERCENT OF	
		Last Year	Average †
PRICE RIVER	4	75	102
SAN RAFAEL RIVER	8	60	102
FREMONT RIVER	4	62	114
LASAL MOUNTAINS	2	56	71
BLUE MOUNTAINS	2	124	103
MUDDY RIVER	2	56	80

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

RESERVOIR STORAGE (Thousand Acre Foot)

BASIN OR STREAM	RESERVOIR	Usable Capacity	USEABLE STORAGE		
			This Year	Last Year	Average †
PRICE RIVER	Scofield	65.8	50.9	44.4	33.3
SAN RAFAEL	Huntington North	3.9	3.0	2.8	3.8b
	Joe's Valley	54.6	48.1	37.5	45.6b
	Mill Site	16.7	12.0	13.9	4.6b
SAN JUAN	Navajo	1696.0	1395.2	1333.0	--
	Kens Lake	2.3	0.9	0.7	--

PEAK FLOWS^e

FORECAST POINT	PEAK FLOW (SECOND FEET)	
	Forecast Range *	Average †
Ferron Creek near Ferron	540-685	444
Muddy Creek near Emery	235-300	168
Huntington Cr. near Huntington	700-900	516b

SNOW

DRAINAGE BASIN and/or SNOW COURSE	THIS YEAR			PAST RECORD	
	Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Last Year	Average †
Buck Flat	3/29	59	17.3	28.3	16.9
Buckboard Flat	3/27	57	15.0	11.8	13.1
Camp Jackson	3/27	50	11.7	9.8	12.8
Dills Camp	3/30	43	9.8	17.6	12.5
Dry Valley Divide Alternate	3/29	42	12.1	15.2	10.8a
Huntington-Horseshoe	3/30	78	27.2	41.3	24.4
Indian Canyon	3/29	51	14.1	11.4	13.2
LaSal Mtn. Upper	3/27	50	12.9	20.3	16.6
Mammoth-Cottonwood R.S.	3/30	68	21.3	32.6	21.8

SNOW

DRAINAGE BASIN and/or SNOW COURSE	THIS YEAR			PAST RECORD	
	Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Last Year	Average †
Monticello City Park	3/27	9	2.0	0.0	0.0a
Mud Creek	3/29	57	14.6	18.0	13.5
Red Pine Ridge	3/29	57	16.6	27.2	17.5
Seeley Creek	3/29	63	18.0	37.6	17.2
Stuart R.S.	3/29	27	8.0	13.1	7.8
Upper Joe's Valley	3/29	38	9.7	17.1	10.5
White River #1	3/29	49	14.3	18.1	13.7
White River #3	3/29	17	5.1	10.4	7.2
Wrigley Creek	3/29	41	10.8	14.7	11.5

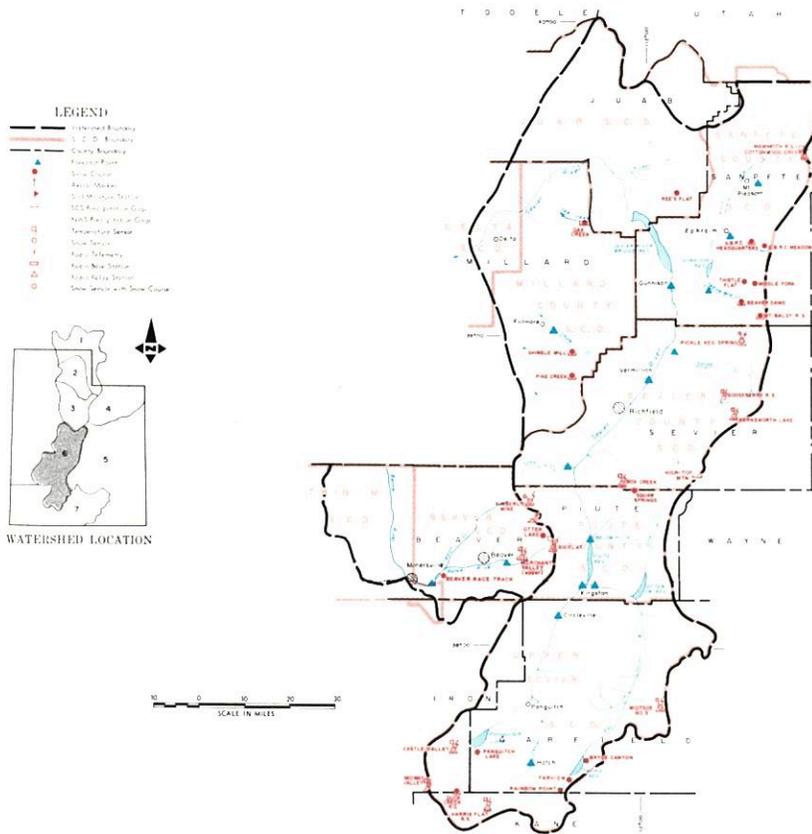
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WATER SUPPLY OUTLOOK

SEVIER RIVER BASIN including BEAVER RIVER in UTAH

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



APRIL 1, 1985

THE WATER SUPPLY OUTLOOK IS ABOVE AVERAGE TO WELL ABOVE AVERAGE

SNOW COVER dropped another 1 to 8% of average during March to slightly below the April 1 average. The Sevier River ranges from 95% for the East Fork to 99% for the Lower Sevier. The Beaver River is at 97% of the April 1 average.

PRECIPITATION at mountain stations varied widely ranging from 63% of the March average at Shingle Mill to 179% at Beaver Dams.

SOIL MOISTURE is above average.

RESERVOIR STORAGE is above average.

STREAMFLOW FORECAST during March increased by as much as 22% on the Sevier due to heavy late month snowfall. Forecasts for the streams on the west side of the basin remained at the same levels as last month. Forecasts now range from 112% of the April-July average for Chalk Creek near Fillmore to 549% for the Sigurd to Gunnison reach of the Sevier.

Other forecasts are as follows: Sevier at Hatch 127%, Circleville 168%, Kingston 154%, East Fork 127%, Clear Creek 122%, Salina Creek 143%, Sevier near Gunnison 326%, Ephraim Creek 128%, and Pleasant Creek 128%. Oak Creek near Oak City is forecast 119%, Chicken Creek 113%, and Salt Creek 115% of average. Beaver River is forecast 119%, North Creeks 121%, and Minersville Inflow 145% of average. Peak flows are expected to be in the near average range and all water users are expected to have adequate water supplies this season assuming near average conditions for the runoff season.

SEVIER RIVER BASIN INCLUDING BEAVER RIVER IN UTAH

STREAMFLOW FORECASTS

BASIN, STREAM and/or FORECAST POINT	THIS YEAR		FORECAST PERIOD	PAST RECORD	
	Forecast X Thousand Acres Feet	Percent of Average ±		Last Year 3	Average †
SEVIER RIVER					
Sevier at Hatch	61	127	Apr-July	46	48
Sevier nr Circleville	53	168	Apr-July	--	38
Sevier nr Kingston	44	154	Apr-July	--	28
Antimony Crk nr Antimony	13.0	126	Apr-July	--	10.3
East Fork Sevier nr Kingston	24	127	Apr-July	--	18.9
Sevier below Piute Dam	70	155	Apr-July	--	45
Clear Crk nr Sevier (abv Div)	23	122	Apr-July	--	18.8
Sigurd to Gunnison	145	549	Apr-July	--	26
Kingston to Vermillion Dam	65	145	Apr-June	--	45
Vermillion Dam to Gunnison	153	432	Apr-June	--	25
Salina Creek at Salina	17.0	143	Apr-June	--	11.9
Sevier nr Gunnison	175	326	Apr-July	--	54
Chalk Creek nr Fillmore	18.4	112	Apr-July	--	16.4
Chicken Creek nr Levan	4.0	113	Apr-July	--	3.5
Oak Cr. nr Oak City	1.9	119	Apr-July	3.5	1.6
Ephraim Creek nr Ephraim	19.0	128	Apr-July	--	14.9
Pleasant Crk nr Mt. Pleasant	11.0	128	Apr-July	--	8.6
Salt Creek nr. Nephi	15.5	115	Apr-July	--	13.5
Beaver nr Beaver	27.3	119	Apr-July	52	23
North Creek (Combined)	17.7	121	Apr-July	--	14.6
Minersville Inflow	12.9	145	Apr-June	--	8.9

RESERVOIR STORAGE (Thousand Acre Feet)

BASIN OR STREAM	RESERVOIR	Useful Capacity	USEABLE STORAGE		
			This Year	Last Year	Average †
SEVIER RIVER	Gunnison	18.2	15.5	13.8	16.3 ^b
	Otter Creek	52.5	47.5	50.2	35.8
	Piute	71.8	71.6	58.0	46.2
	Sevier Bridge	236.0	210.1	221.3	136.2
	Panguitch Lake	22.3	20.9	20.9	--
BEAVER RIVER	Minersville (Rky Fd)	26.0	24.5	24.0	14.3

SUMMARY of SNOW MEASUREMENTS (COMPARISON WITH PREVIOUS YEARS)

RIVER BASIN and/or SUB-WATERSHED	Number of Courses Averaged	THIS YEAR AS A PERCENT OF	
		Last Year	Average †
UPPER SEVIER RIVER	11	108	97
East Fork Sevier	4	93	95
South Fork Sevier	7	115	97
LOWER SEVIER	14	57	99
BEAVER RIVER	3	66	97

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 * - Forecast in cooperation with National Weather Service

PEAK FLOWS^e

FORECAST POINT	PEAK FLOW (SECOND FEET)	
	Forecast Range X	Average †
Beaver River nr Beaver	150-415	257
Sevier River at Hatch	400-600	484
Sevier River nr Kingston	250-400	312
Clear Creek nr Sevier	300-550	226
Salina Creek nr Salina	--	285

SNOW

DRAINAGE BASIN and/or SNOW COURSE	Date of Survey	THIS YEAR		PAST RECORD	
		Snow Depth (Inches)	Water Content (Inches)	Last Year	Average †
Big Flat	3/25	57	17.9	27.1	18.3
Bryce Canyon	3/27	13	3.9	1.0	4.0
Castle Valley	3/26	45	13.8	14.7	12.9
Duck Creek	3/26	46	13.6	6.5	14.3
Farnsworth Lake	3/30	89	20.6	33.8	19.7
Gooseberry R.S.	3/30	57	12.5	21.1	12.4
Harris Flat	3/26	23	9.2	1.7	8.7
Kimberly Mine	3/25	46	15.5	24.4	16.7

SNOW

DRAINAGE BASIN and/or SNOW COURSE	Date of Survey	THIS YEAR		PAST RECORD	
		Snow Depth (Inches)	Water Content (Inches)	Last Year	Average †
Long Valley Junction	3/26	0	0.0	0.0	4.2
Merchants Valley Upper	3/26	40	11.6	18.2	11.7 ^b
Midway Valley	3/26	74	24.6	17.8	23.3
Oak Creek	3/25	34	10.0	19.5	12.4 ^a
Otter Lake	3/25	44	13.3	19.3	14.2
Pickle Keg Springs	3/30	63	16.2	28.9	17.2 ^b
Pine Creek	3/25	41	15.1	32.7	16.0 ^b
Widtsoe-Escalante #3	3/26	49	13.4	8.7	11.8

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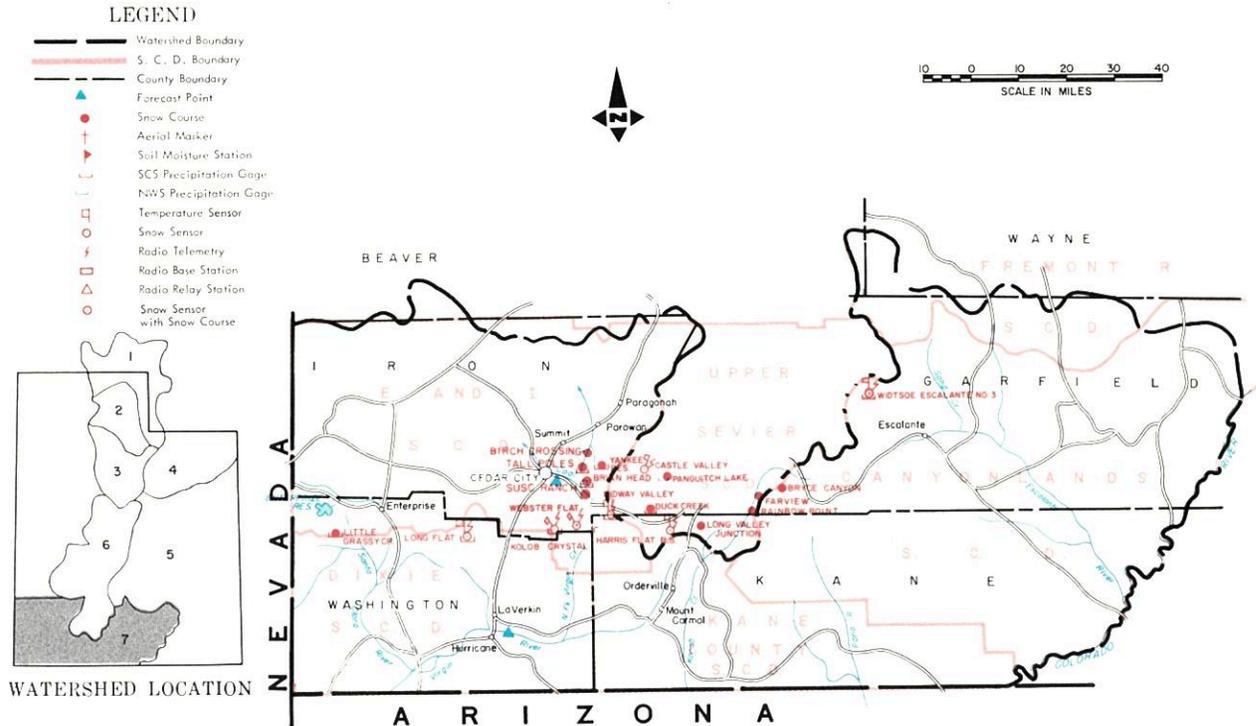
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"The Conservation of Water begins with the Snow Survey"

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



APRIL 1, 1985

THE WATER SUPPLY OUTLOOK IS NEAR AVERAGE

SNOW COVER as a percent of average dropped during March in all areas except the Escalante River. The Escalante is now at 113%, Coal Creek 93%, Virgin River 90%, Parowan Creek 94%, and Enterprise-New Harmony 52% of the April 1 average.

PRECIPITATION at mountain stations ranged from 60% at Little Grassy to 112% at Tall Poles.

SOIL MOISTURE is above average on most of the higher elevations.

RESERVOIR STORAGE in Gunlock Reservoir is at capacity (7,400 acre-feet). Quail Creek has had no diversions from the Virgin River and has no useable storage. Enterprise reservoirs are reported approximatedly half full and are not expected to fill this year.

STREAMFLOW FORECASTS increased slightly during March with the exception of the Santa Clara River which decreased slightly and now range from 85% of the April-June average for the Santa Clara to 138% of the April-July average for Lake Powell Inflow. The Virgin is forecast 119% and Coal Creek 109%. Peak flows are forecast near average for the Virgin near Hurricane and above average for Coal Creek near Cedar City. Water users are expected to have adequate water supplies with the exception of those relying on late season streamflow and users of water from the Enterprise Reservoirs.

EAST GARFIELD, KANE, WASHINGTON AND IRON COUNTIES IN UTAH

STREAMFLOW FORECASTS

BASIN, STREAM and/or FORECAST POINT	THIS YEAR		FORECAST PERIOD	PAST RECORD	
	Thousand Acre Feet	Percent of Average †		Last Year ‡	Average †
VIRGIN RIVER					
Virgin nr Hurricane	74	119	Apr-June	37	62
Santa Clara nr Pine Valley	4.5	85	Apr-June	--	5.3
COAL CREEK					
Coal Creek nr Cedar City	20	109	Apr-July	20	18.4
UPPER COLORADO					
Lake Powell Inflow	10300	138	Apr-July	--	7462

SUMMARY of SNOW MEASUREMENTS (COMPARISON WITH PREVIOUS YEARS)

RIVER BASIN and/or SUB-WATERSHED	Number of Courses Averaged	THIS YEAR AS A PERCENT OF	
		Last Year	Average †
COAL CREEK	4	141	93
VIRGIN RIVER	5	163	90
PAROWAN CREEK	4	77	94
ENTERPRISE - NEW HARMONY	2	200	52
ESCALANTE RIVER	2	138	113

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RESERVOIR STORAGE (Thousand Acre Foot)

BASIN OR STREAM	RESERVOIR	Usable Capacity	USEABLE STORAGE		
			This Year	Last Year	Average †
COLORADO	Lake Powell	25002.0	21399.0	21052.0	--
	Blue Mesa	829.5	345.2	245.1	--
VIRGIN	Gunlock	7.4	7.4	--	--
	Quail Creek	26.0	0.0	--	--

PEAK FLOWS^e

FORECAST POINT	PEAK FLOW (SECOND FEET)	
	Forecast Range *	Average †
Coal Creek nr Cedar City	250-400	220
Virgin nr Hurricane	600-950	1092

SNOW

DRAINAGE BASIN and/or SNOW COURSE	THIS YEAR			PAST RECORD	
	Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Last Year	Average †
Birch Crossing	3/26	20	6.5	10.9	6.3 ^b
Brian Head	3/26	63	19.8	22.1	21.6 ^b
Harris Flat	3/26	23	9.2	1.7	8.7
Kolob-Crystal	3/26	62	21.2	12.9	25.1
Little Grassy	3/26	0	0.0	0.0	2.8
Long Flat	3/26	16	5.0	2.5	6.8
Midway Valley	3/26	74	24.6	17.8	23.2

SNOW

DRAINAGE BASIN and/or SNOW COURSE	THIS YEAR			PAST RECORD	
	Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Last Year	Average †
Long Valley Junction	3/26	0	0.0	0.0	4.2
SUSC Ranch	3/26	17	5.5	3.8	8.2 ^b
Tall Poles	3/26	45	13.0	18.3	15.3 ^b
Webster Flat	3/26	49	16.6	11.5	18.7
Yankee Reservoir	3/26	32	10.6	13.1	10.0

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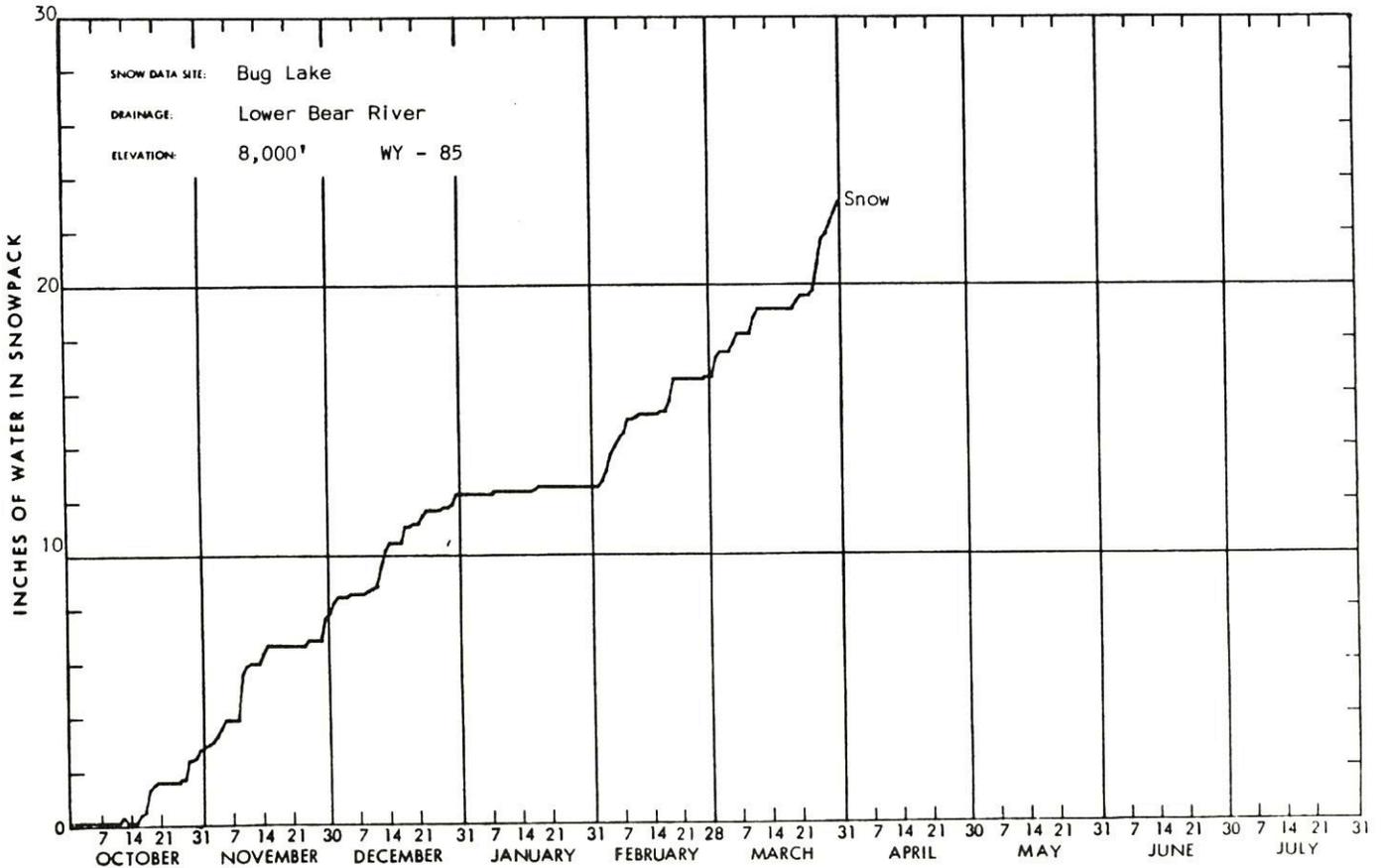
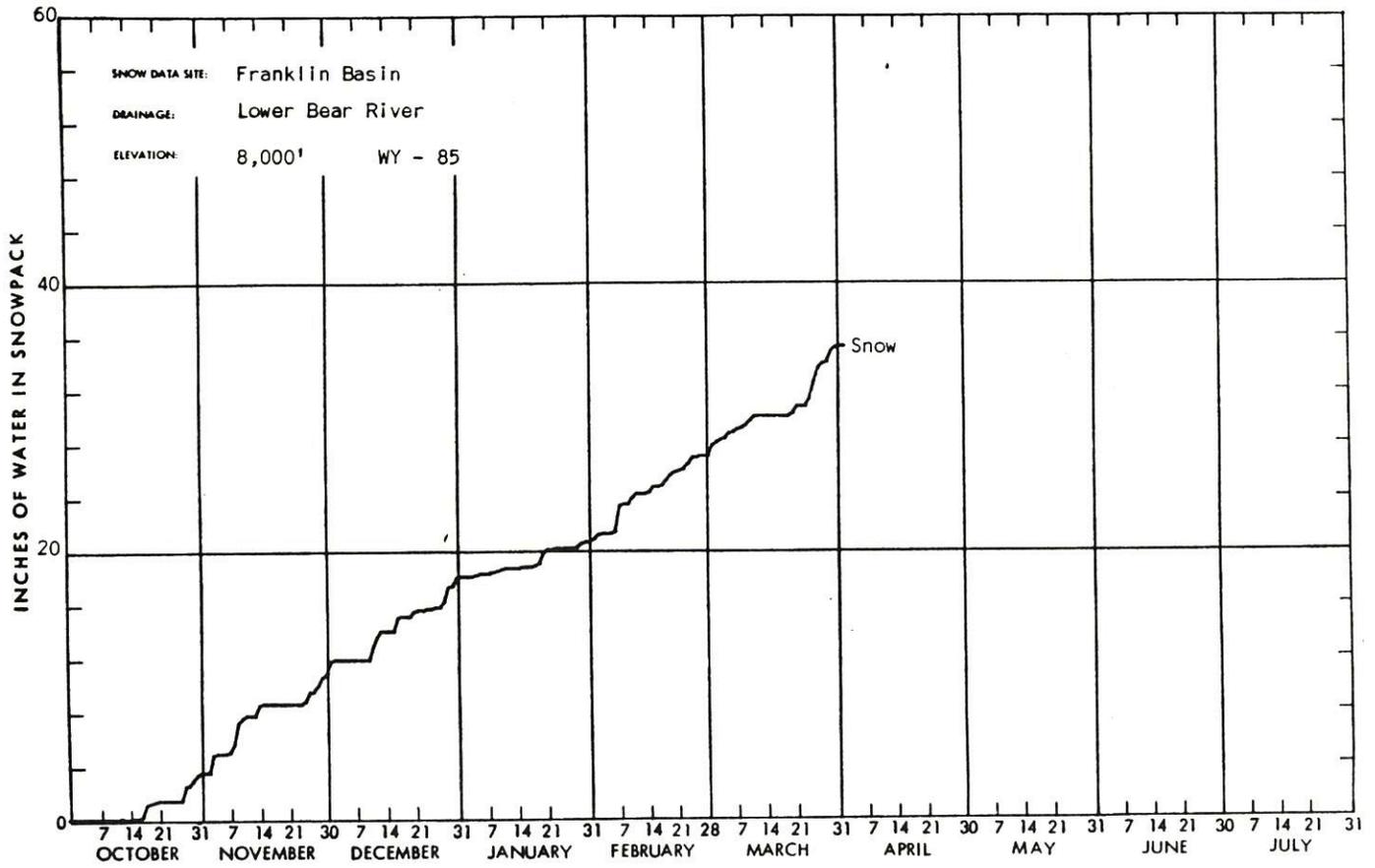
SNOW COURSE	ELEVATION	DATE	SNOW DEPTH	WATER CONTENT	LAST YEAR	AVERAGE 1961-80
BEAR RIVER, UPPER (above Harer, Idaho)						
BIG PARK	8620	3/28/85	58	16.2	21.7	21.3
BURT'S-MILLER RANCH	7900	3/26/85	15	5.0	7.1	6.1
CCC CAMP	7000	3/26/85	43	11.4	14.0	13.2
HAYDEN FORK	9400	3/28/85	56	16.0	18.3	16.0
KELLEY RANGER STA.	8180	3/28/85	58	15.0	20.2	18.8
MONTE CRISTO R.S.	8960	3/26/85	70	25.1	29.0	26.1
POISON MEADOWS	8500	3/26/85	78	22.7	26.0	30.5
SALT RIVER SUMMIT	7700	3/26/85	49	13.4	15.8	17.0
SNIDER BASIN R.S.	8060	3/26/85	50	13.5	13.5	17.5
STILLWATER CAMP	8550	3/26/85	35	9.4	13.0	11.1
TRIAL LAKE	9960	3/28/85	75	22.8	26.3	24.5
BEAR RIVER, LOWER (below Harer, Idaho)						
CHRISTENSEN RANCH	5560	4/01/85	---	11.0E	14.6	7.8
CUB RIVER R.S.	5450	3/25/85	21	7.4	15.2	7.1
DRY BASIN	7820	3/25/85	71	23.8	40.6	30.7
DRY CREEK FLAT	6360	3/26/85	26	8.7	14.9	5.2
EMIGRANT SUMMIT	7390	3/29/85	72	24.5	32.8	25.7
EMIGRATION CANYON	6500	3/29/85	40	12.5	14.1	11.0
FRANKLIN BASIN	8020	3/25/85	67	24.6	31.3	28.3
GARDEN CITY SUMMIT	7600	3/25/85	53	16.6	20.7	18.7
HORSESHOE BASIN	8000	4/01/85	---	21.1E	35.2	28.7
KLONDIKE NARROWS	7400	3/26/85	49	19.3	24.9	20.9
LIBERTY SPRING	8600	3/25/85	89	31.0	50.6	40.3
LITTLE BEAR (LOWER)	6000	3/25/85	36	12.1	13.6	10.2
LITTLE BEAR (UPPER)	6550	3/25/85	40	14.9	18.2	13.2
OXFORD MOUNTAIN	6800	3/26/85	28	7.1	16.4	9.5
SLUG CREEK DIVIDE	7230	3/27/85	55	15.4	18.3	18.0
STEEP HOLLOW #1	8500	3/25/85	91	33.4	43.0	38.0
STEEP HOLLOW #2	7700	3/25/85	65	24.5	31.5	27.3
STRAWBERRY CREEK	5820	3/29/85	41	14.0	19.0	10.3
STRAWBERRY-MINK DIV.	6720	3/25/85	57	21.0	30.5	22.5
TONY GROVE LAKE	8400	3/25/85	84	31.9	47.9	37.2
TONY GROVE R.S.	6250	3/25/85	37	12.2	18.0	12.0
WILLOW FLAT	6100	3/25/85	40	14.9	25.1	15.4
RAFT RIVER						
CLEAR CREEK MEADOWS	9420	3/26/85	64	18.5	27.4	22.1
GEORGE PEAK	9000	3/26/85	67	19.2	36.0	28.3
ONE MILE SUMMIT	7330	3/26/85	24	5.2	12.0	7.6
VIPONT	7670	3/26/85	50	14.5	26.0	15.8
OGDEN RIVER						
BEAVER CREEK-SKUNK	7150	3/26/85	36	13.3	16.6	12.4
BEN LOMOND PEAK	8000	3/25/85	92	37.6	63.1	38.3
BEN LOMOND TRAIL	6000	3/25/85	60	23.1	30.4	17.5
DRY BREAD POND	8350	3/26/85	53	19.0	24.2	19.5
MONTE CRISTO R.S.	8960	3/26/85	70	25.1	29.0	26.1
SAGEBRUSH FLAT	6300	3/26/85	6	1.4	3.2	2.0

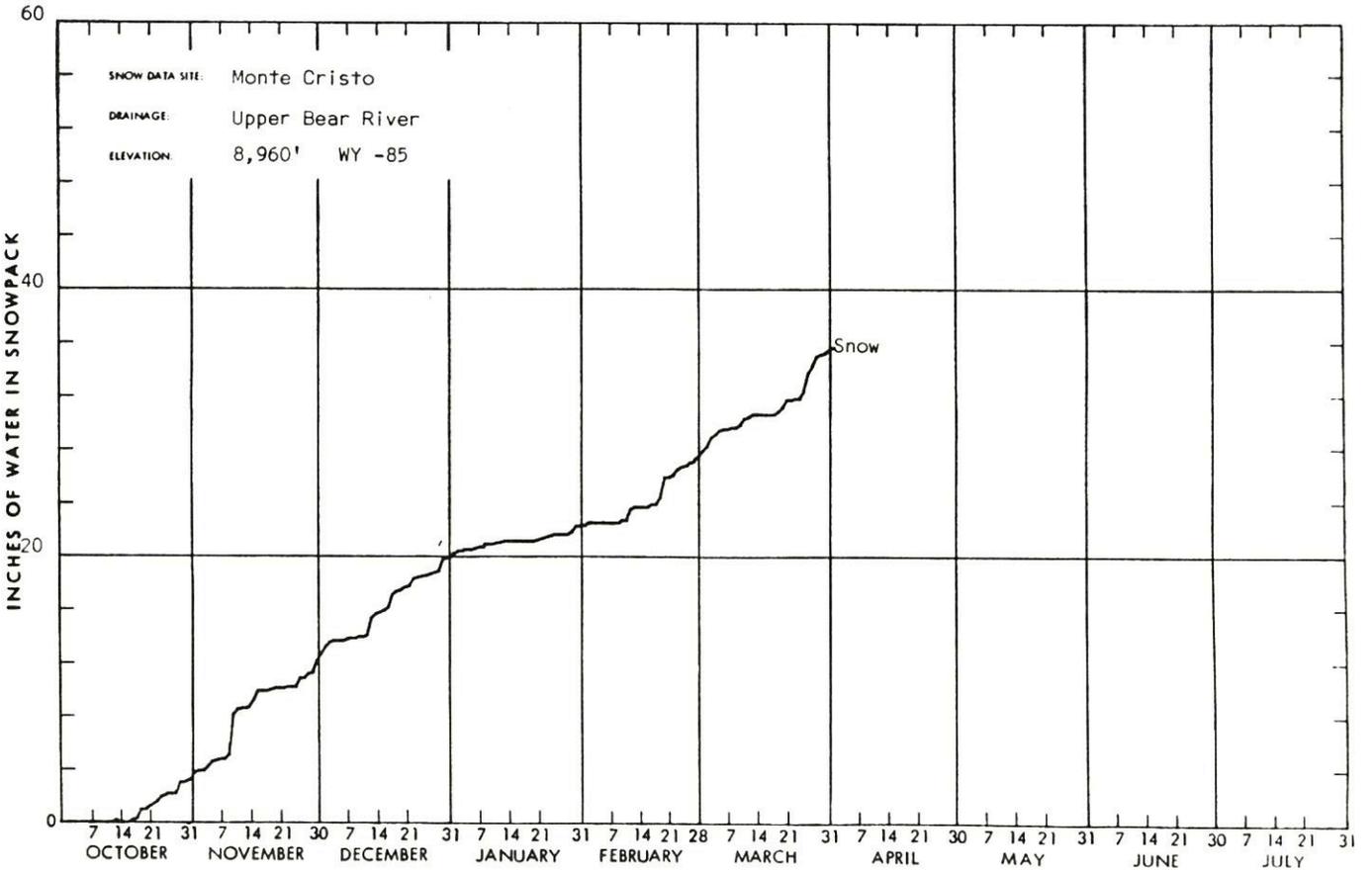
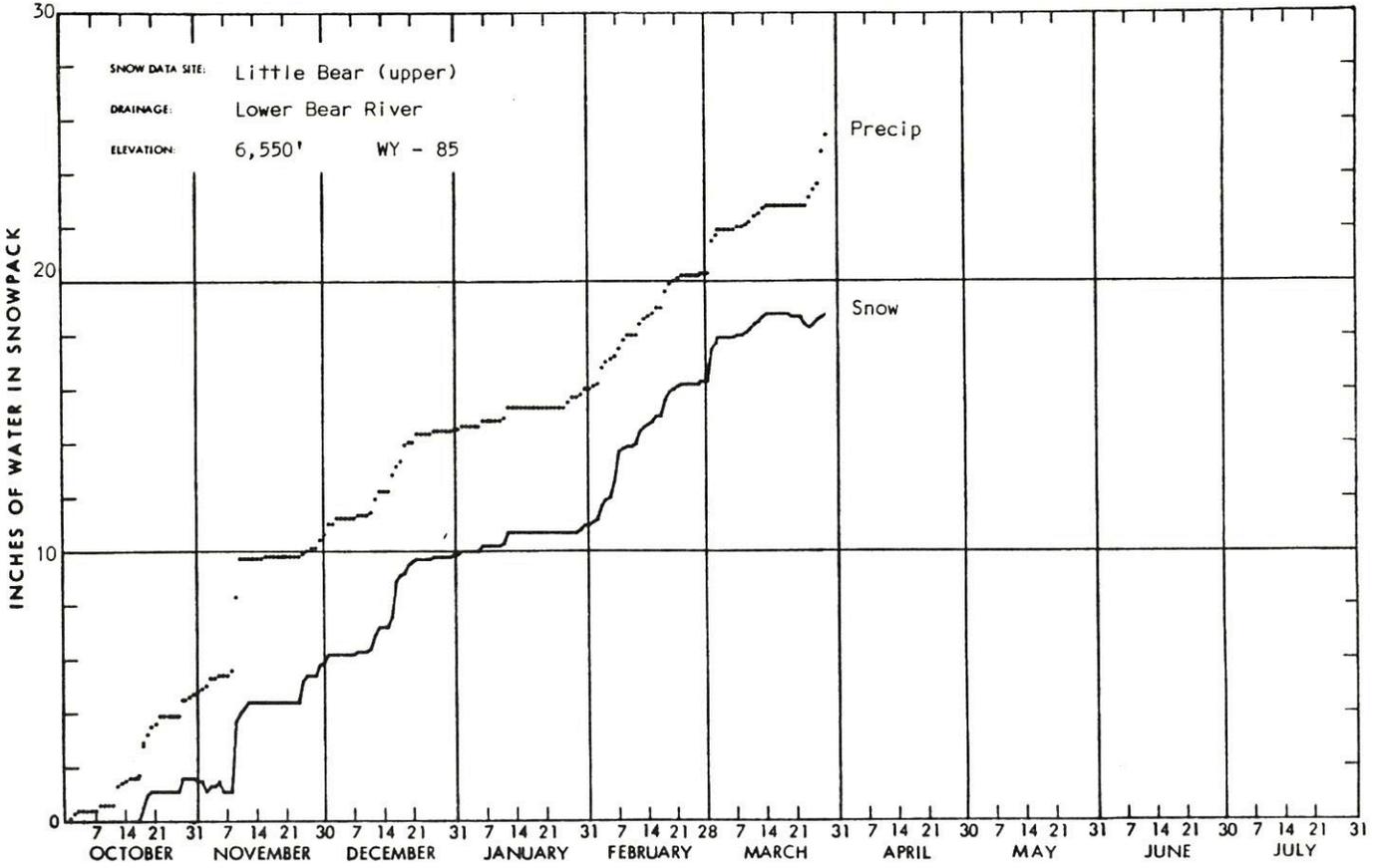
SNOW COURSE	ELEVATION	DATE	SNOW DEPTH	WATER CONTENT	LAST YEAR	AVERAGE 1961-80
WEBER RIVER						
BEAVER CREEK R.S.	7500	3/28/85	27	7.1	12.2	7.6
CHALK CREEK #1	9100	3/28/85	79	25.2	27.4	22.6
CHALK CREEK #2	8200	3/28/85	57	17.1	18.2	15.5
CHALK CREEK #3	7500	3/28/85	29	7.8	10.1	7.6
EAST SHINGLE LAKE	9800	4/01/85	87	26.1	35.3	28.9
FARMINGTON CANYON L.	6950	3/30/85	78	28.0	35.6	24.2
FARMINGTON CANYON	8000	3/30/85	98	37.0	43.4	31.8
HORSE RIDGE	8260	3/26/85	57	21.3	27.5	22.3
KILFOIL CREEK	7300	3/26/85	49	14.6	17.8	14.4
LOST CREEK RESERVOIR	6130	3/26/85	12	3.0	6.5	2.4
PARK CITY SUMMIT	9300	4/01/85	96	35.6	36.2	33.4
PARLEY'S CANYON SUM.	7500	3/27/85	66	20.7	26.5	18.8
PINE CANYON	8000	3/26/85	58	19.2	24.2	16.0
REDDEN MINE LOWER	8500	3/28/85	64	21.8	23.5	18.4
SERGEANT LAKES	8300	4/01/85	39	12.5	26.6	18.8
SMITH & MOREHOUSE	7600	3/28/85	48	16.7	17.6	13.3
TRIAL LAKE	9960	3/28/85	75	22.8	26.3	24.5
PROVO RIVER & UTAH LAKE						
BEAVER CREEK DIVIDE	8280	3/28/85	38	11.4	14.8	11.8
CLEAR CREEK RIDGE #1	9200	3/29/85	70	20.9	25.2	19.1
CLEAR CREEK RIDGE #2	8000	3/29/85	57	15.6	19.5	14.2
CLEAR CREEK RIDGE #3	6600	3/29/85	23	6.4	10.4	5.8
DANIELS-STRAWBERRY	8000	3/25/85	45	15.3	17.7	14.9
HOBBLE CREEK SUMMIT	7420	3/30/85	44	15.3	21.6	14.3
PAYSON R.S.	8050	3/25/85	49	18.9	29.1	19.1
SOAPSTONE R.S.	7800	3/28/85	38	10.4	14.6	12.1
TRIAL LAKE	9960	3/28/85	75	22.8	26.3	24.5
JORDAN RIVER & GREAT SALT LAKE						
LAMBS CANYON	7400	3/27/85	58	18.5	23.5	16.2
MILL CREEK	6950	3/28/85	68	22.4	26.0	20.9
MILL D SOUTH FORK	7400	3/28/85	57	21.6	24.6	19.8
PARLEY'S CANYON SUM.	7500	3/27/85	66	20.7	26.5	18.8
SILVER LAKE (BRIGHT.)	8730	3/28/85	82	29.0	28.2	25.8
SNOWBIRD GAD VALLEY	9700	4/02/85	110	44.0	47.0	35.3
TOOELE VALLEY WATERSHEDS AND VERNON CREEK						
BEVAN'S CABIN	6450	3/30/85	47	14.2	23.4	11.3
DESERET PEAK	9250	3/30/85	77	26.2	40.9	21.7
MIDDLE CANYON	7000	3/30/85	56	18.8	27.0	14.4
ROCKY BASIN-SETTLEMT	8900	3/30/85	89	31.4	45.4	27.5
UPPER GREEN RIVER in UTAH (above Duchesne River)						
ASHLEY TWIN LAKES	10500	4/01/85	62	16.7	16.2	17.7
BLACK'S FORK GS-EF	9340	3/26/85	32	8.1	15.1	9.5
BLACK'S FORK JUNCTN	8930	3/26/85	32	8.6	11.0	9.6
BUCK PASTURE	9700	4/01/85	72	18.0	19.5	15.4
BURNT CREEK	7900	3/28/85	26	6.0	6.0	5.0
GRIZZLY RIDGE	8500	3/28/85	43	10.8	12.0	10.0
HENRY'S FORK	10000	4/01/85	61	17.1	16.1	13.5
HEWINTA G.S.	9500	3/26/85	32	8.3	13.1	9.5
HICKERSON PARK	9100	3/28/85	30	7.4	11.9	6.6
HOLE-IN-THE-ROCK	9150	4/01/85	27	6.8	6.7	5.9
HOLE-IN-THE-ROCK GS	8300	4/01/85	21	5.9	5.6	2.4
KING'S CABIN (UPPER)	8730	3/28/85	42	9.2	13.7	10.7
MIDDLE BEAVER CREEK	8650	4/01/85	19	4.8	4.5	5.3
REYNOLDS PARK	10400	4/01/85	75	20.2	18.6	16.9
SPIRIT LAKE	10300	3/28/85	54	13.0	17.8	12.7
STEEL CREEK PARK	10100	3/26/85	53	14.7	20.6	16.1
TROUT CREEK	9400	3/28/85	48	11.3	12.4	10.6

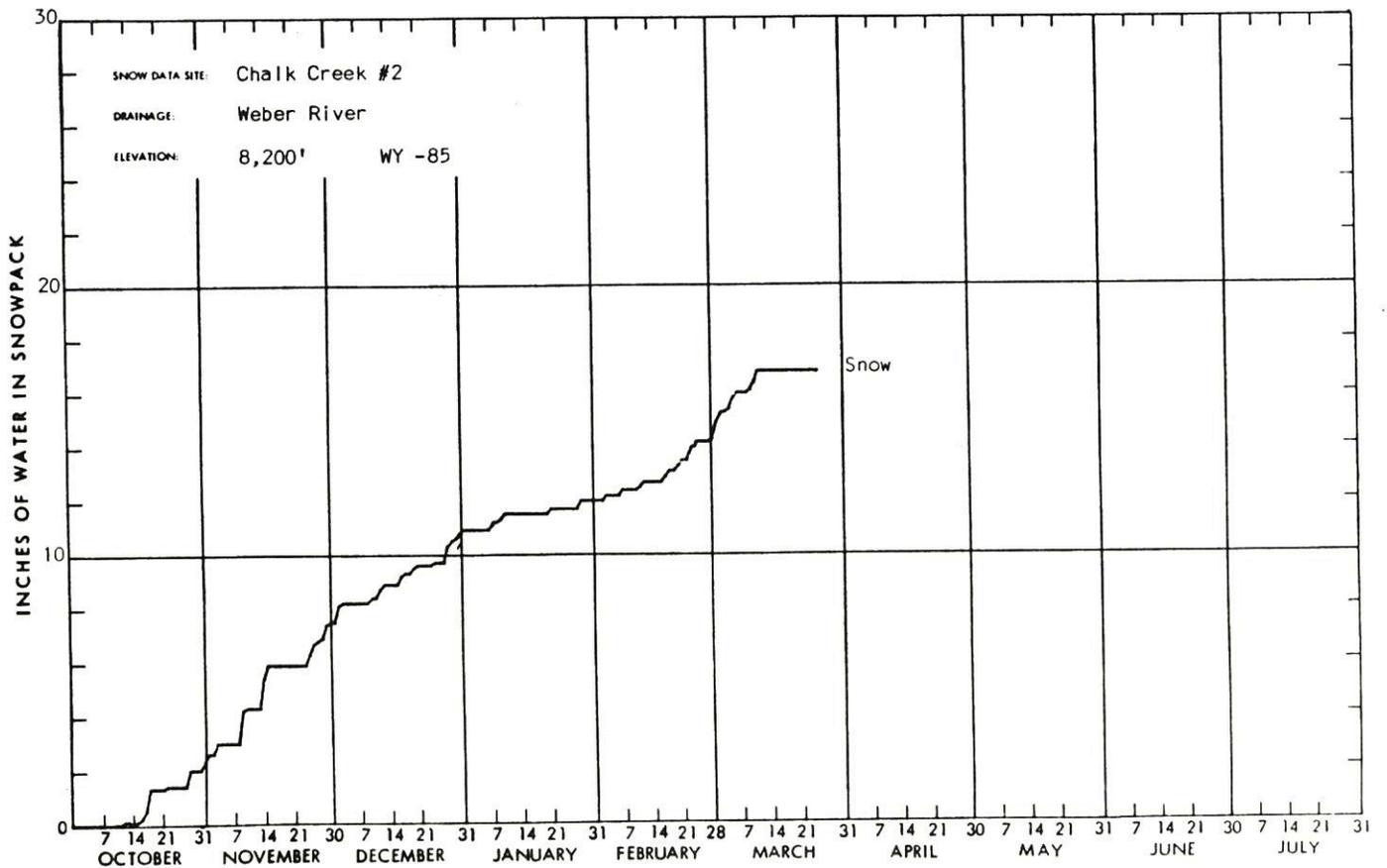
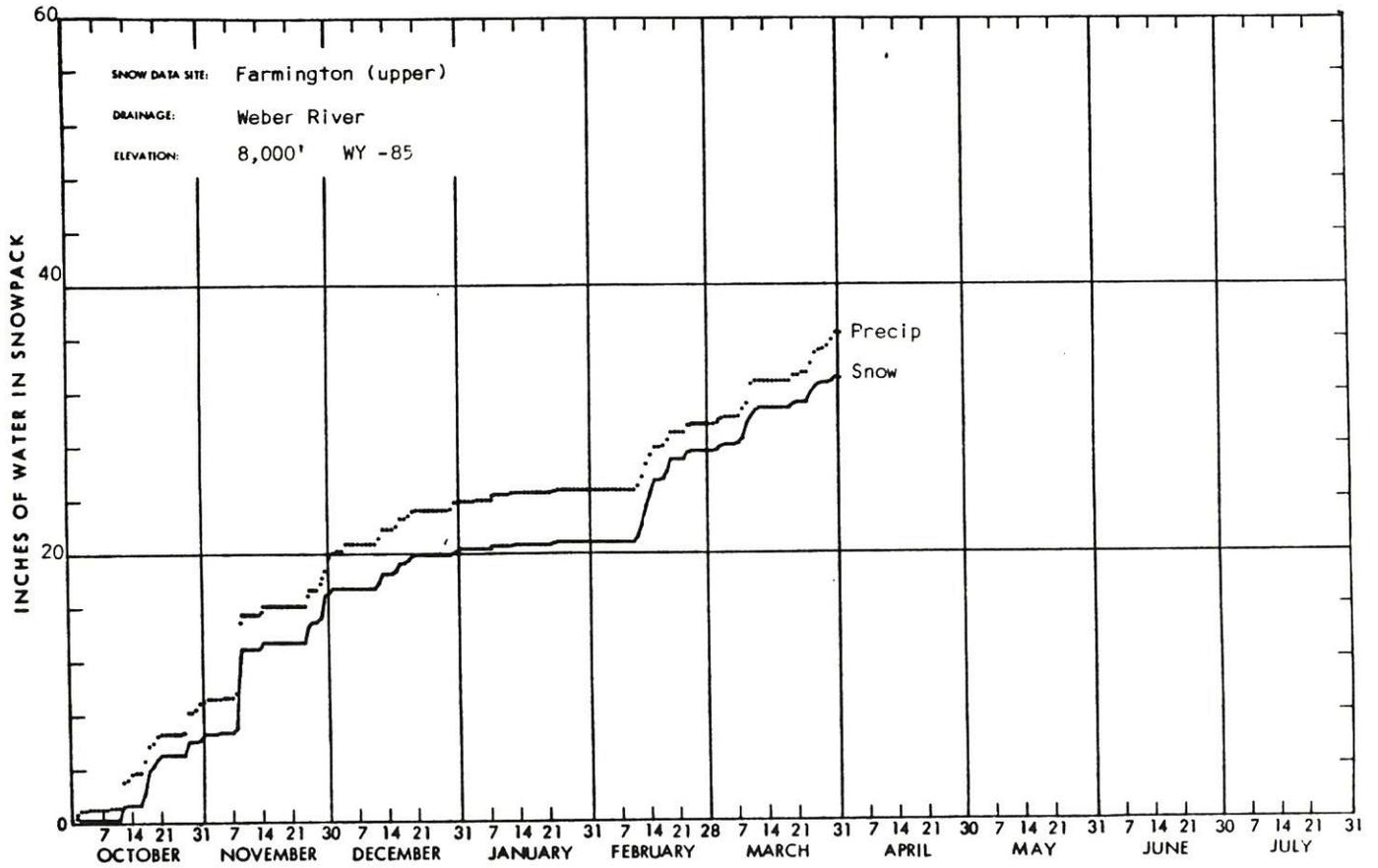
SNOW COURSE	ELEVATION	DATE	SNOW DEPTH	WATER CONTENT	LAST YEAR	AVERAGE 1961-80

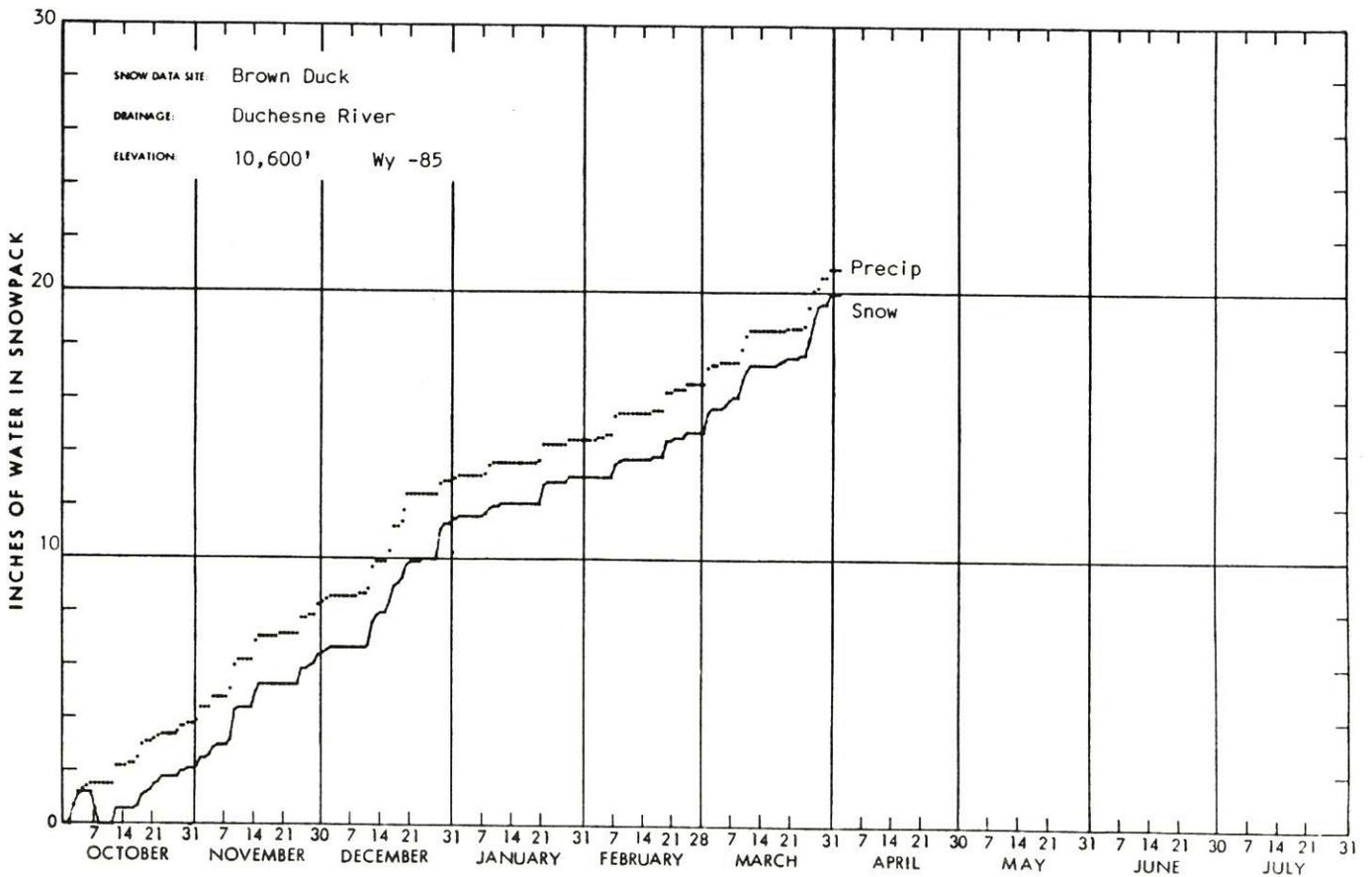
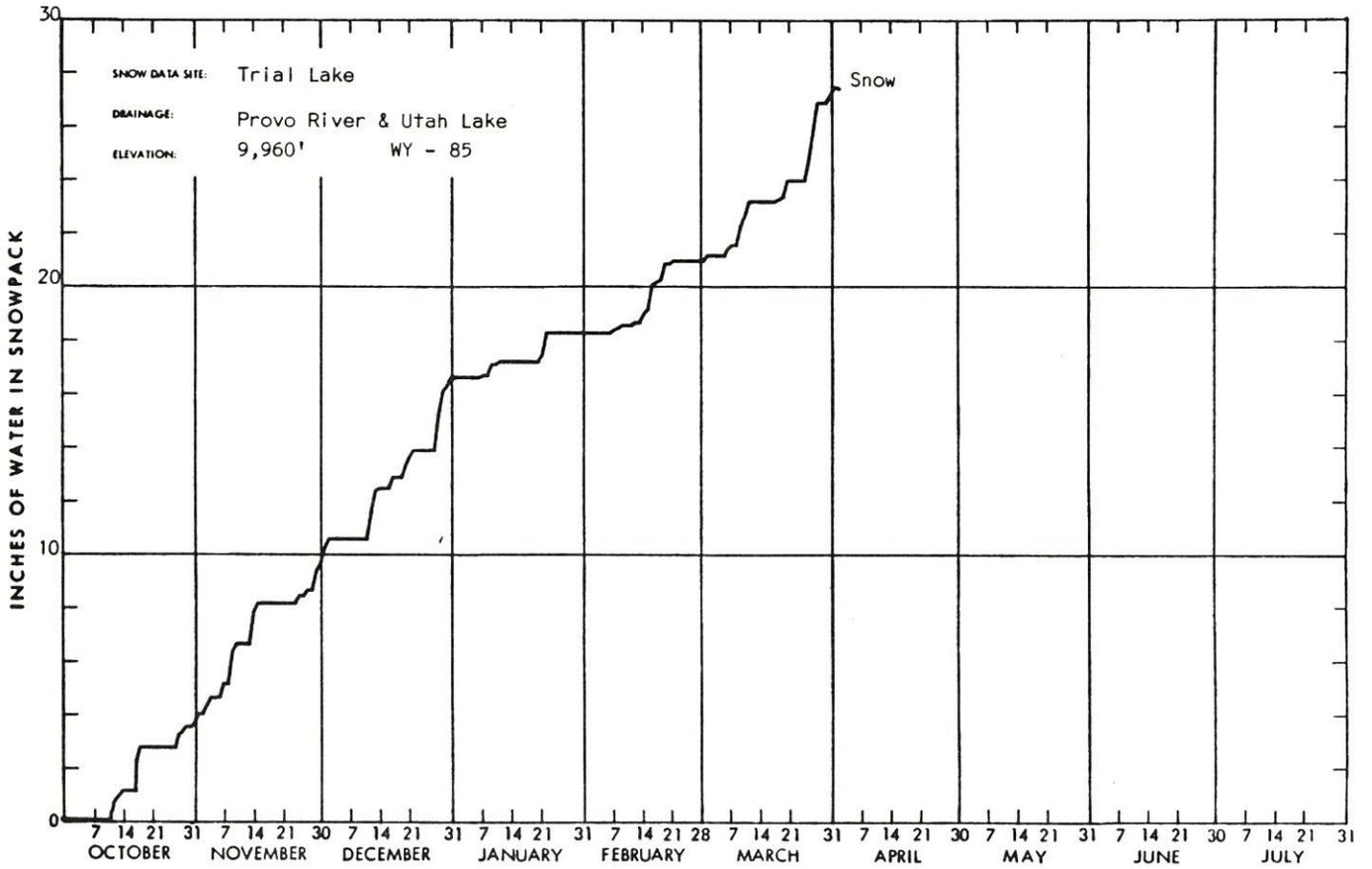
LOWER SEVIER RIVER (including San Pitch River)						
BEAVER DAMS	8000	3/29/85	42	10.1	22.0	11.8
FARNSWORTH LAKE	9600	3/30/85	89	20.6	33.8	19.7
G.B.R.C. HEADQUARTER	8700	3/29/85	76	21.3	30.1	17.5
G.B.R.C. MEADOWS	10000	3/29/85	90	24.3	37.9	23.7
GOOSEBERRY R.S.	8000	3/30/85	57	12.5	21.1	12.4
MAMMOTH-COTTONWOOD	8800	3/30/85	68	21.3	32.6	21.8
MIDDLE FORK	9600	3/30/85	92	24.8	46.7	24.5
MT. BALDY R.S.	9500	3/29/85	82	23.4	39.4	23.7
OAK CREEK	7760	3/25/85	34	10.0	19.5	12.4
PICKLE KEG SPRING	9600	3/30/85	63	16.2	28.9	16.7
PINE CREEK	8800	3/25/85	41	15.1	32.7	16.0
REES'S FLAT	7300	3/25/85	38	12.8	21.0	13.0
SHINGLE MILL	6200	3/25/85	24	7.6	19.4	8.9
THISTLE FLAT	8500	3/30/85	66	17.5	28.4	17.0
BEAVER RIVER						
BIG FLAT	10290	3/25/85	57	17.9	27.1	18.3
MERCHANT VALLEY (UP)	8750	3/26/85	40	11.6	18.2	11.7
OTTER LAKE	9600	3/25/85	44	13.3	19.3	14.2
PAROWAN						
BIRCH CROSSING	8100	3/26/85	20	6.5	10.9	6.3
BRIAN HEAD	10000	3/26/85	63	19.8	22.1	21.6
TALL POLES	8800	3/26/85	45	13.0	18.3	15.3
YANKEE RESERVOIR	8700	3/26/85	32	10.6	13.1	10.0
ESCALANTE RIVER						
DONKEY RESERVOIR	9800	3/26/85	34	8.8	7.4	7.8
WIDTSOE-ESCALANTE #3	9500	3/26/85	49	13.4	8.7	11.9
ENTERPRISE TO NEW HARMONY DRAINAGES						
LITTLE GRASSY CREEK	6100	3/26/85	0	.0	.0	2.8
LONG FLAT	8000	3/26/85	16	5.0	2.5	6.8
COAL CREEK						
CEDAR CITY GOLF COUR	5800	3/26/85	0	.0	.0	.2
MIDWAY VALLEY	9800	3/26/85	74	24.6	17.8	23.3
SUSC RANCH	8200	3/26/85	17	5.5	3.9	8.2
WEBSTER FLAT	9200	3/26/85	49	16.6	11.5	18.7
VIRGIN RIVER						
HARRIS FLAT	7700	3/26/85	23	9.2	1.7	8.7
KOLOB-CRYSTAL	9250	3/26/85	62	21.2	12.9	25.1
LONG VALLEY JCT.	7500	3/26/85	0	.0	.0	4.2
MIDWAY VALLEY	9800	3/26/85	74	24.6	17.8	23.3
WEBSTER FLAT	9200	3/26/85	49	16.6	11.5	18.7

SNOW COURSE	ELEVATION	DATE	SNOW DEPTH	WATER CONTENT	LAST YEAR	AVERAGE 1961-80
DUCHESNE RIVER						
ATWOOD LAKE	10500	4/01/85	49	11.8	11.5	11.2
BROWN DUCK RIDGE	10600	3/28/85	78	20.4	22.4	20.0
CHEPETA-WHITERKS. LK	10350	4/01/85	74	16.3	15.3	15.3
CURRANT CREEK	8000	3/28/85	40	10.0	11.1	9.2
DANIELS-STRAWBERRY	8000	3/25/85	45	15.3	17.7	14.9
EAST FORTAL	7560	3/28/85	48	15.3	15.0	11.8
FIVE POINT LAKE	11000	4/01/85	62	13.0	15.8	19.8
INDIAN CANYON	9100	3/29/85	51	14.1	11.4	13.2
JACKSON PARK	10600	3/28/85	60	14.6	13.9	12.8
LAKEFORK MOUNTAIN #1	10200	3/28/85	51	10.9	11.8	11.5
LAKEFORK MOUNTAIN #3	8400	3/28/85	27	6.9	7.1	5.9
MOSBY MOUNTAIN(LOW)	9500	3/28/85	44	10.6	11.4	9.9
PARADISE PARK	10100	3/28/85	57	15.3	14.4	13.3
ROCK CREEK	7900	3/28/85	34	10.3	7.6	6.4
STRAWBERRY DIVIDE	8400	3/25/85	58	20.4	25.1	19.5
PRICE RIVER						
DRY VALLEY DIVIDE AL	8100	3/29/85	42	12.1	15.2	10.8
MUD CREEK	8600	3/29/85	57	14.6	18.0	13.5
WHITE RIVER #1	8550	3/29/85	49	14.3	18.1	13.5
WHITE RIVER #3	7400	3/29/85	17	5.1	10.4	7.2
SAN RAFAEL RIVER						
BUCK FLAT	9800	3/29/85	59	17.3	28.3	16.9
HUNTINGTON-HORSESHOE	9800	3/30/85	78	27.2	41.3	24.4
ORANGE OLSEN	7200	3/29/85	10	2.4	6.1	2.4
RED PINE RIDGE	9200	3/29/85	57	16.6	27.2	17.5
SEELEY CREEK R.S.	10000	3/29/85	63	18.0	34.6	17.2
STUART R.S.	7950	3/29/85	27	8.0	13.1	7.8
UPPER JOES VALLEY	8900	3/29/85	38	9.7	17.1	10.5
WRIGLEY CREEK	9000	3/29/85	41	10.8	14.7	11.5
MUDDY RIVER						
BLACK'S FORK	9200	3/30/85	46	11.1	19.8	13.7
DILL'S CAMP	9200	3/30/85	43	9.8	17.3	12.5
FREMONT RIVER						
BLACK'S FLAT-U.M. CK	9400	3/30/85	44	11.2	17.4	11.0
DONKEY RESERVOIR	9800	3/26/85	34	8.8	7.4	7.8
FISH LAKE	8700	3/30/85	38	9.3	22.4	7.7
JOHNSON VALLEY	8850	3/30/85	37	8.8	14.4	7.0
LASAL MOUNTAINS						
LASAL MOUNTAIN LOWER	8800	3/27/85	26	5.9	13.2	9.9
LASAL MOUNTAIN (UPP)	9850	3/27/85	50	12.8	20.3	16.6
BLUE MOUNTAINS						
BUCKBOARD FLAT	9000	3/28/85	57	15.0	11.8	13.1
CAMP JACKSON	8600	3/28/85	50	11.7	9.8	12.8
MONTICELLO PARK	7050	3/28/85	9	2.0	.0	--
UPPER SEVIER RIVER (south of Richfield, Utah)						
BOX CREEK	9300	3/26/85	41	11.7	19.8	13.7
BRYCE CANYON	8000	3/27/85	13	3.9	1.0	4.0
CASTLE VALLEY	9580	3/26/85	45	13.8	14.7	12.9
DUCK CREEK R.S.	8700	3/26/85	46	13.7	6.5	14.3
HARRIS FLAT	7700	3/26/85	23	9.2	1.7	8.7
KIMBERLY MINE(UPPER)	9300	3/25/85	46	15.5	24.4	16.7
LONG VALLEY JCT.	7500	3/26/85	0	.0	.0	4.2
MIDWAY VALLEY	9800	3/26/85	74	24.6	17.8	23.3
PANQUITCH LAKE	8200	3/26/85	17	5.1	5.9	4.0
SQUAW SPRINGS	9300	3/26/85	22	6.0	8.2	7.4
WIDTSOE-ESCALANTE #3	9500	3/26/85	49	13.4	8.7	11.9

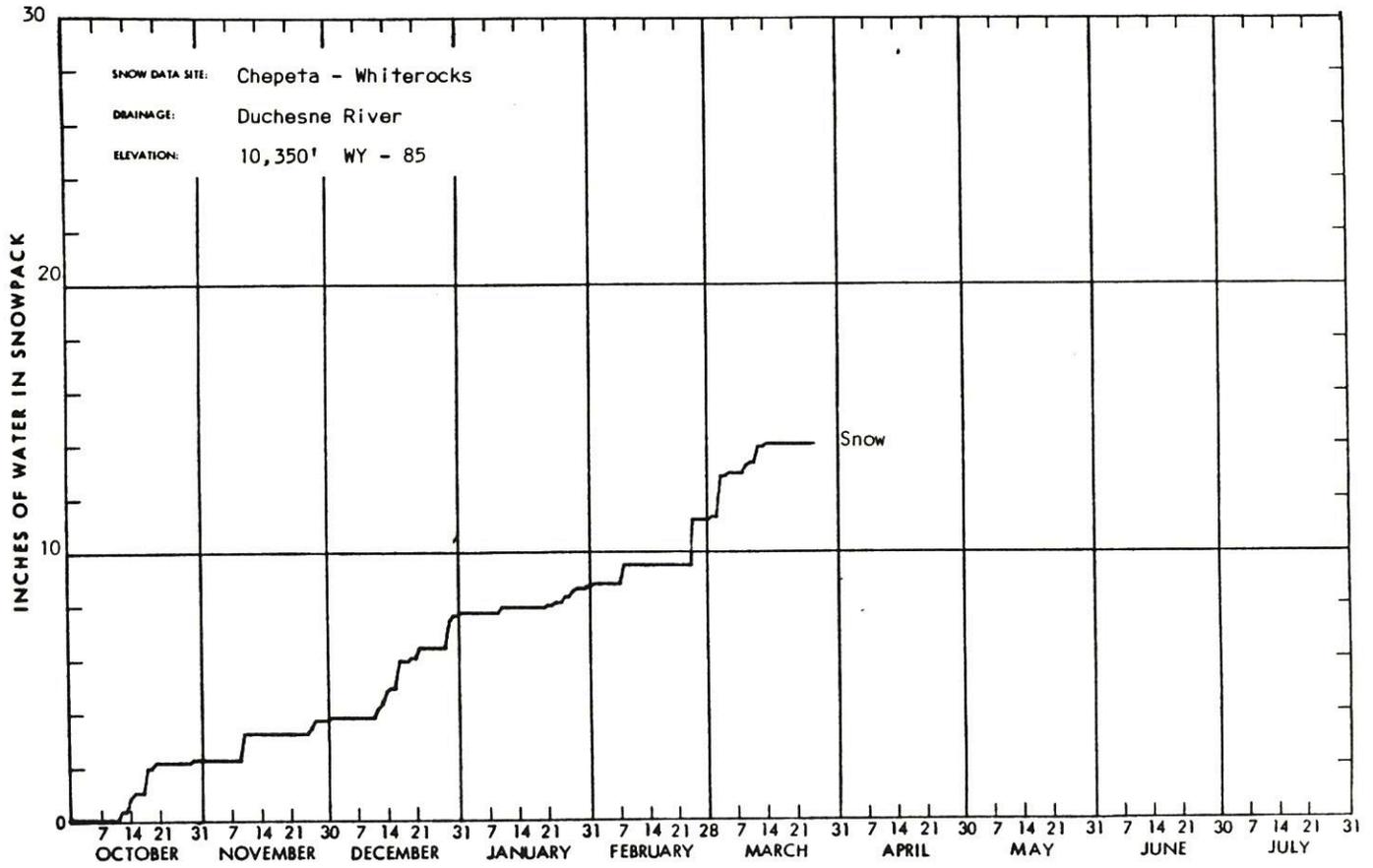




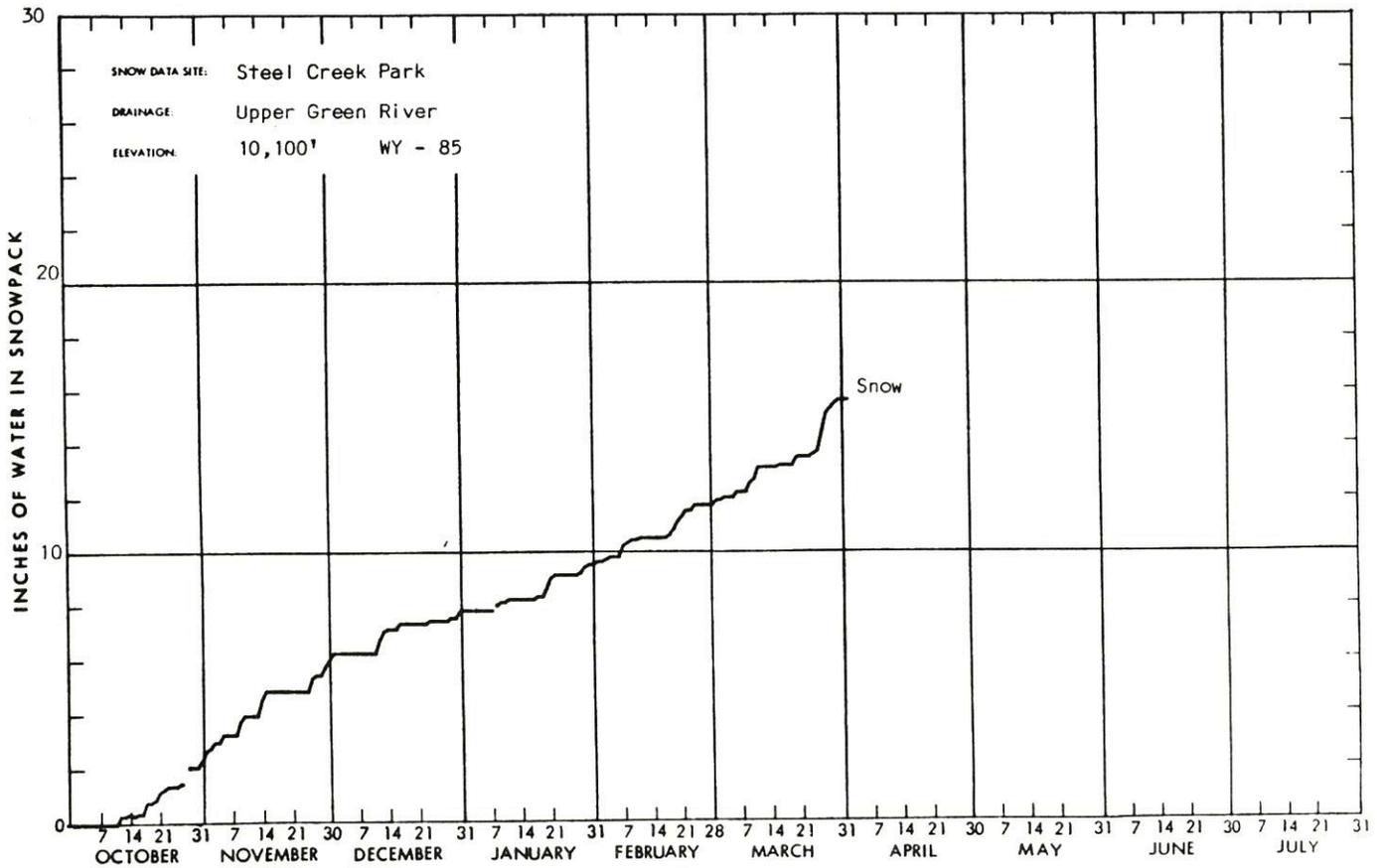




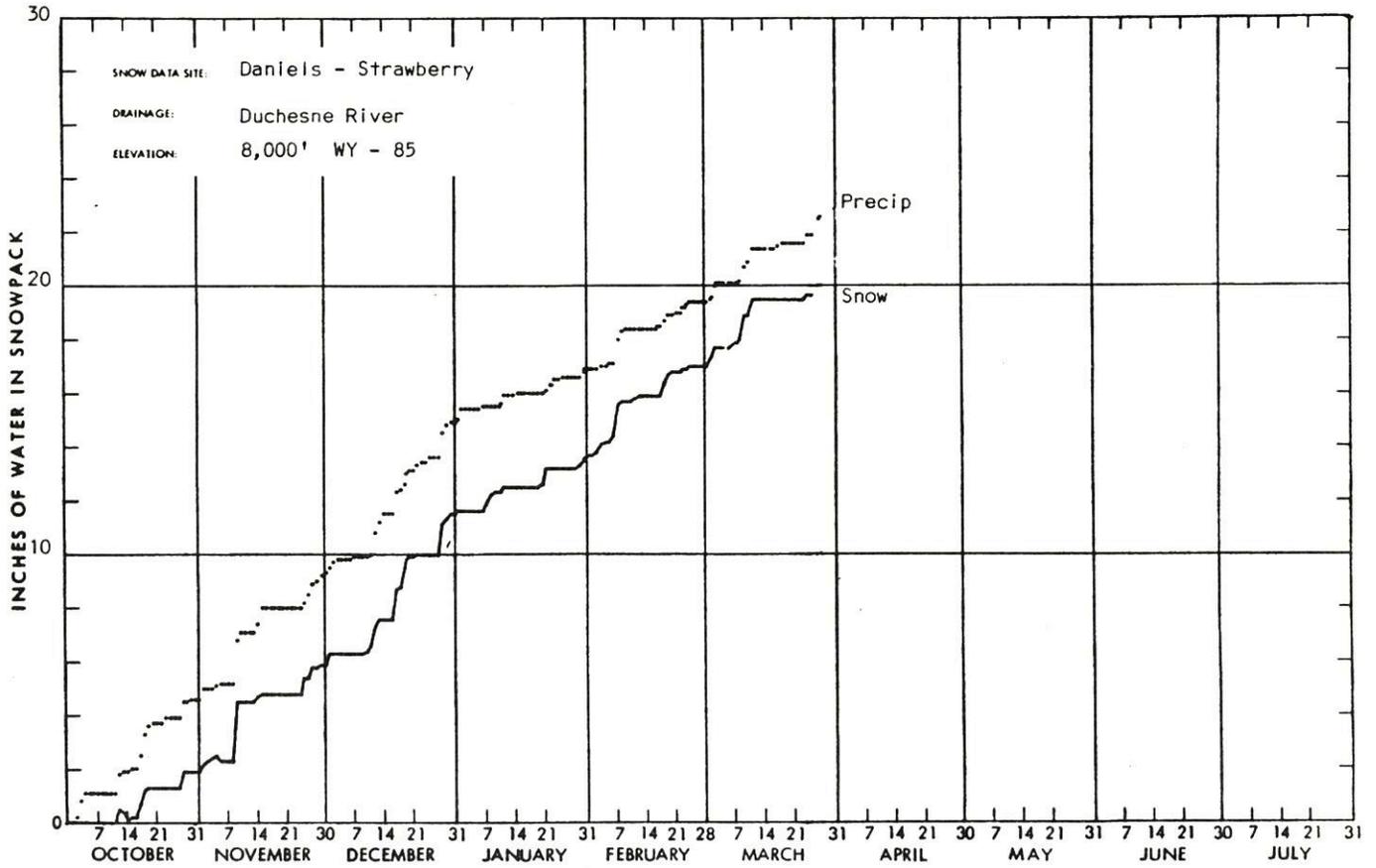
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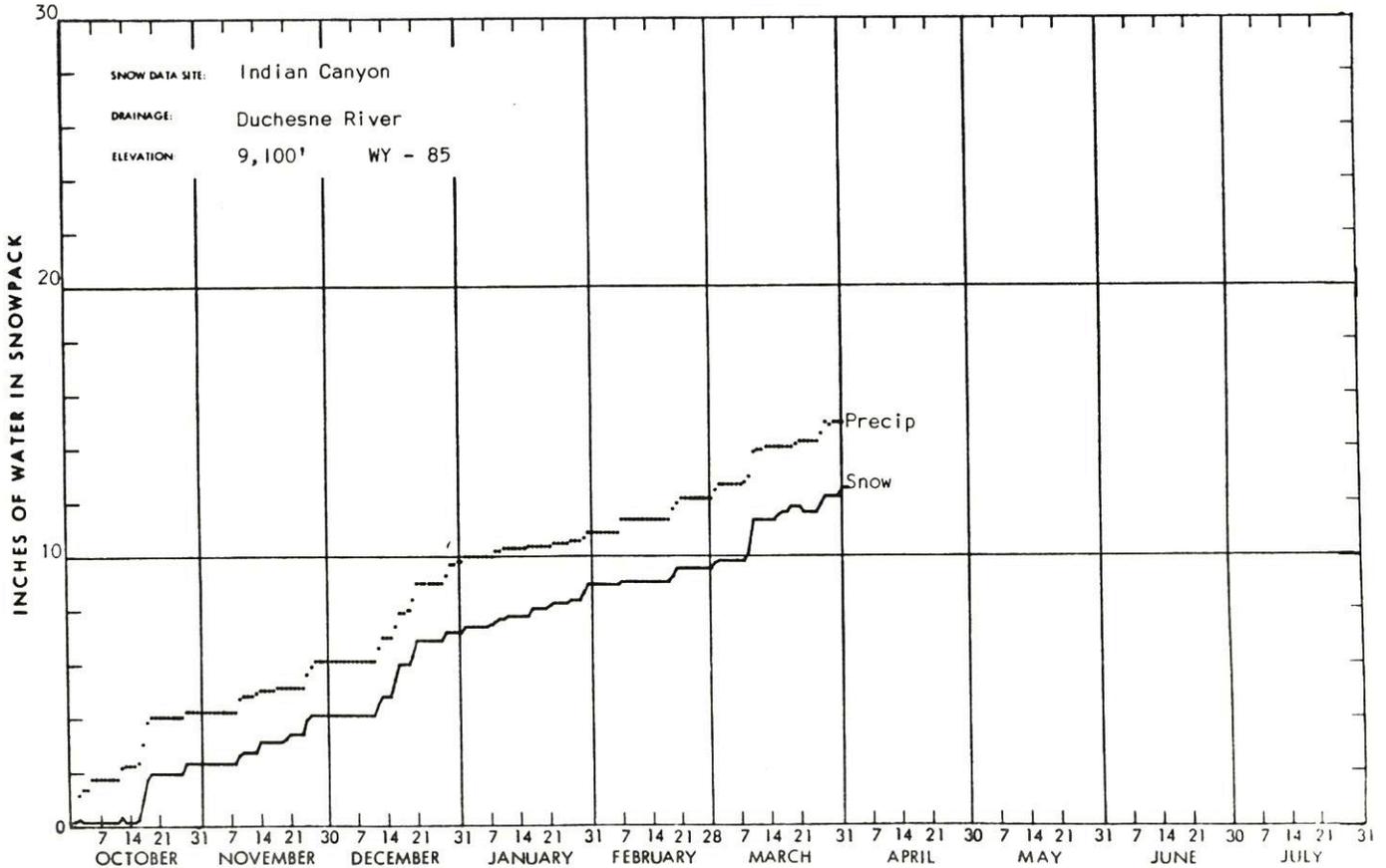
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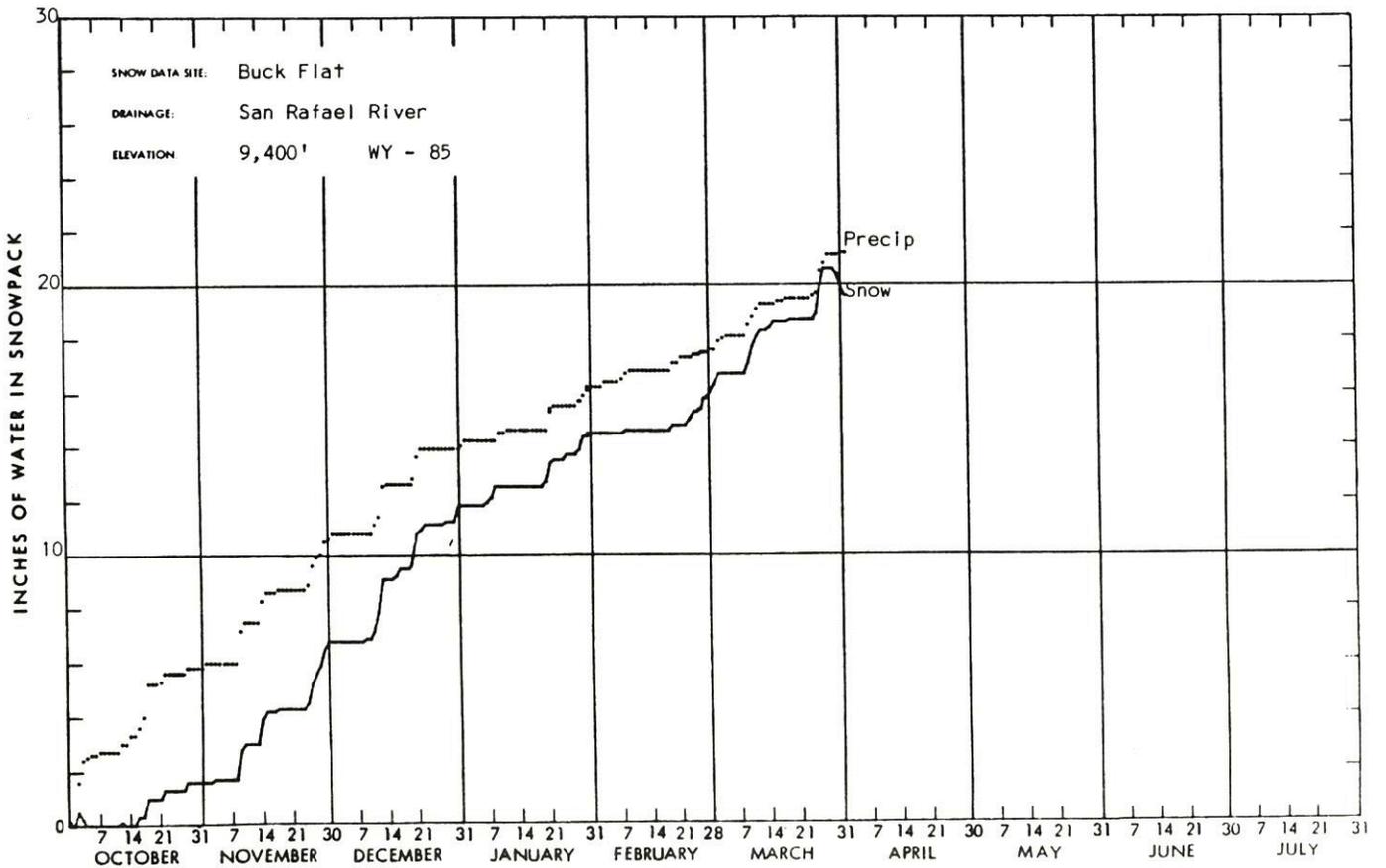
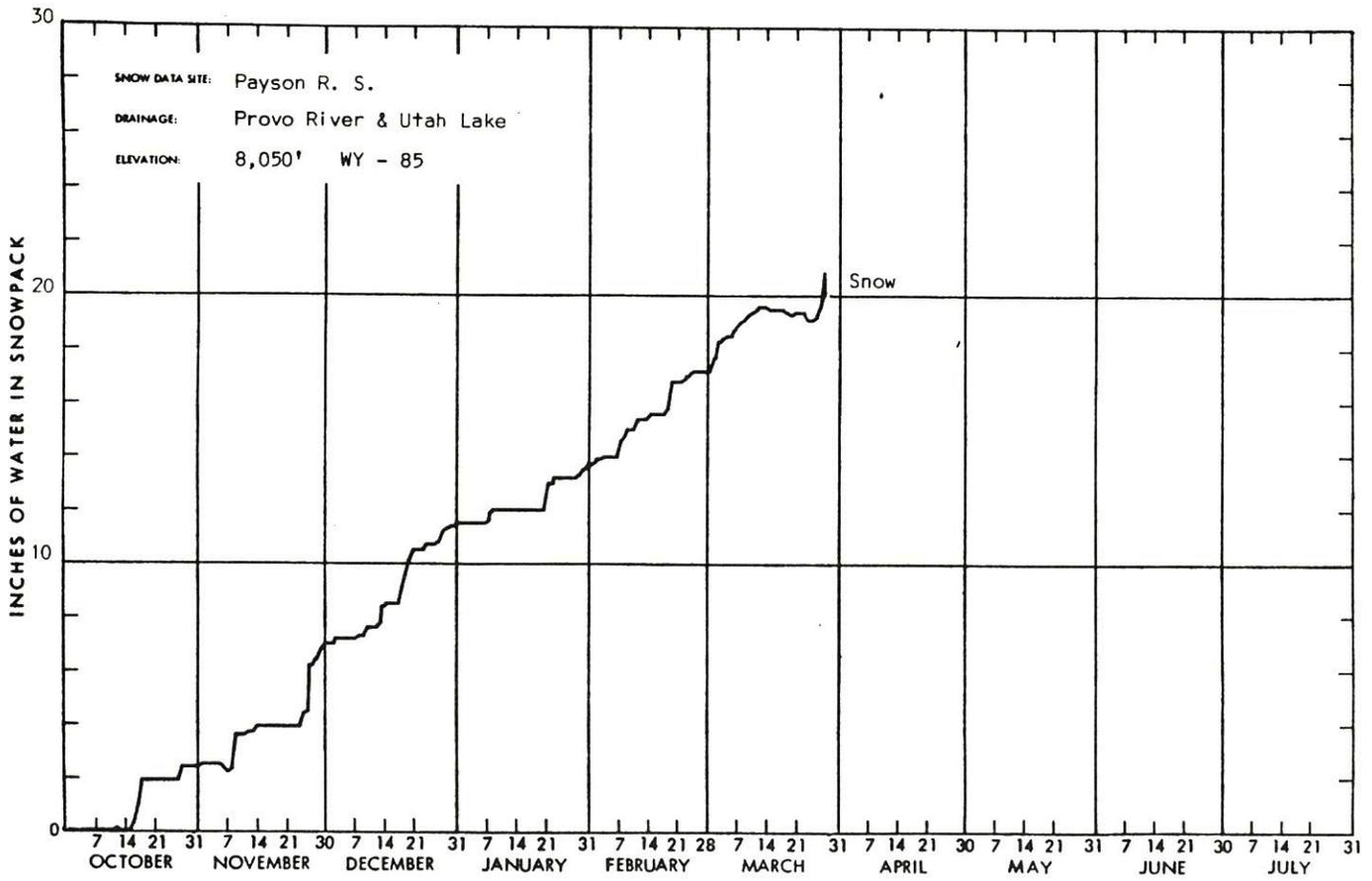


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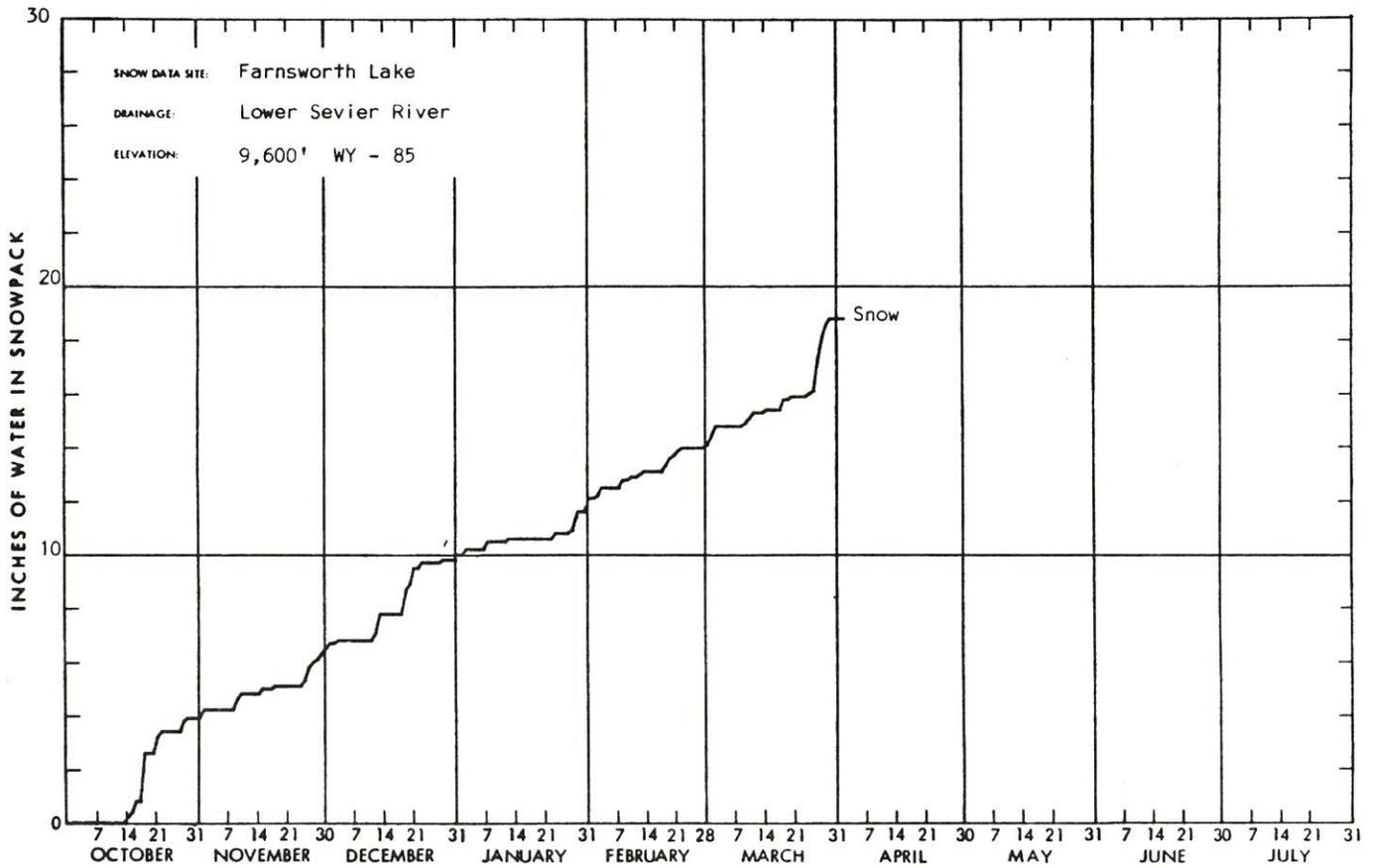


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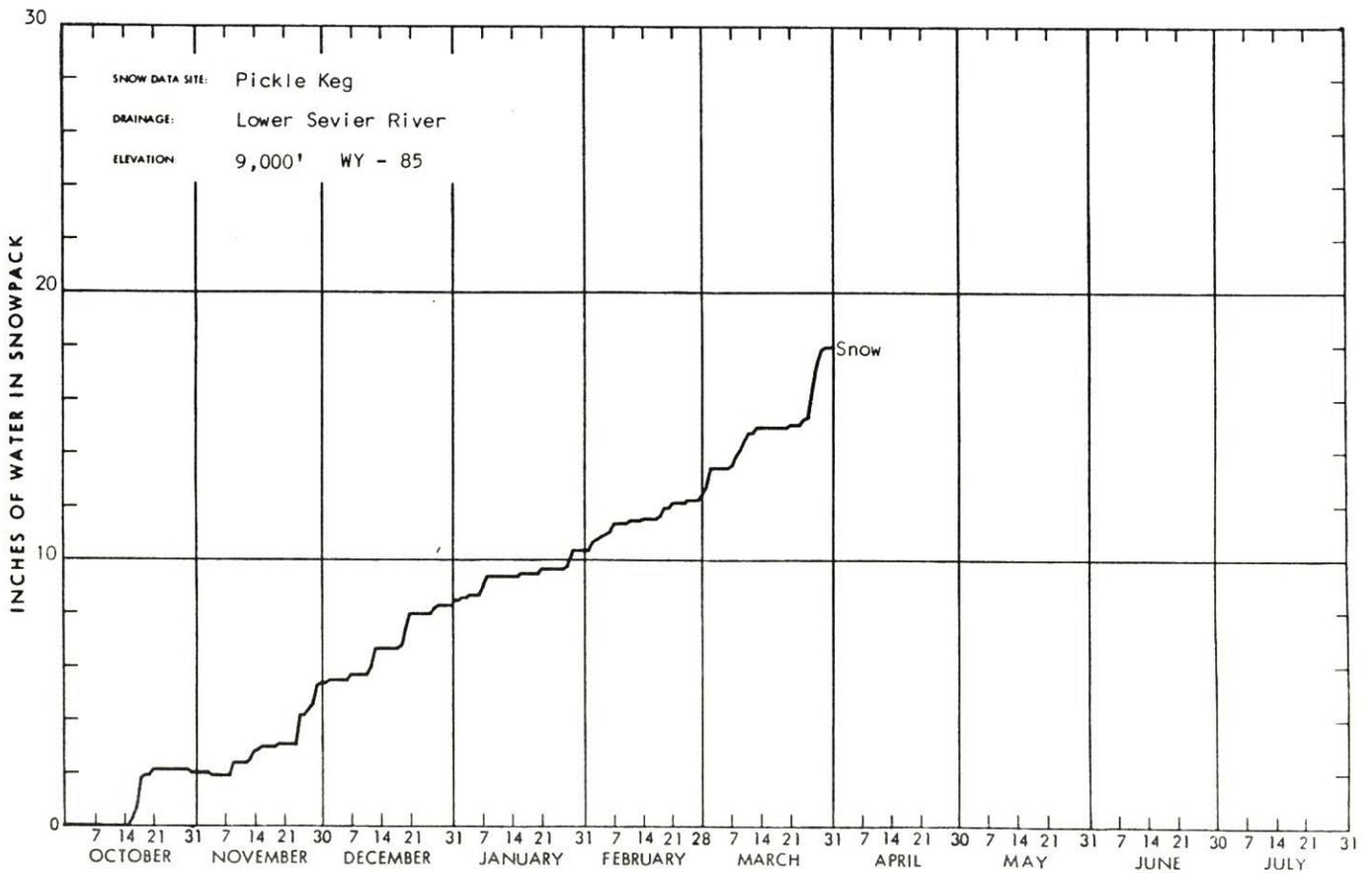




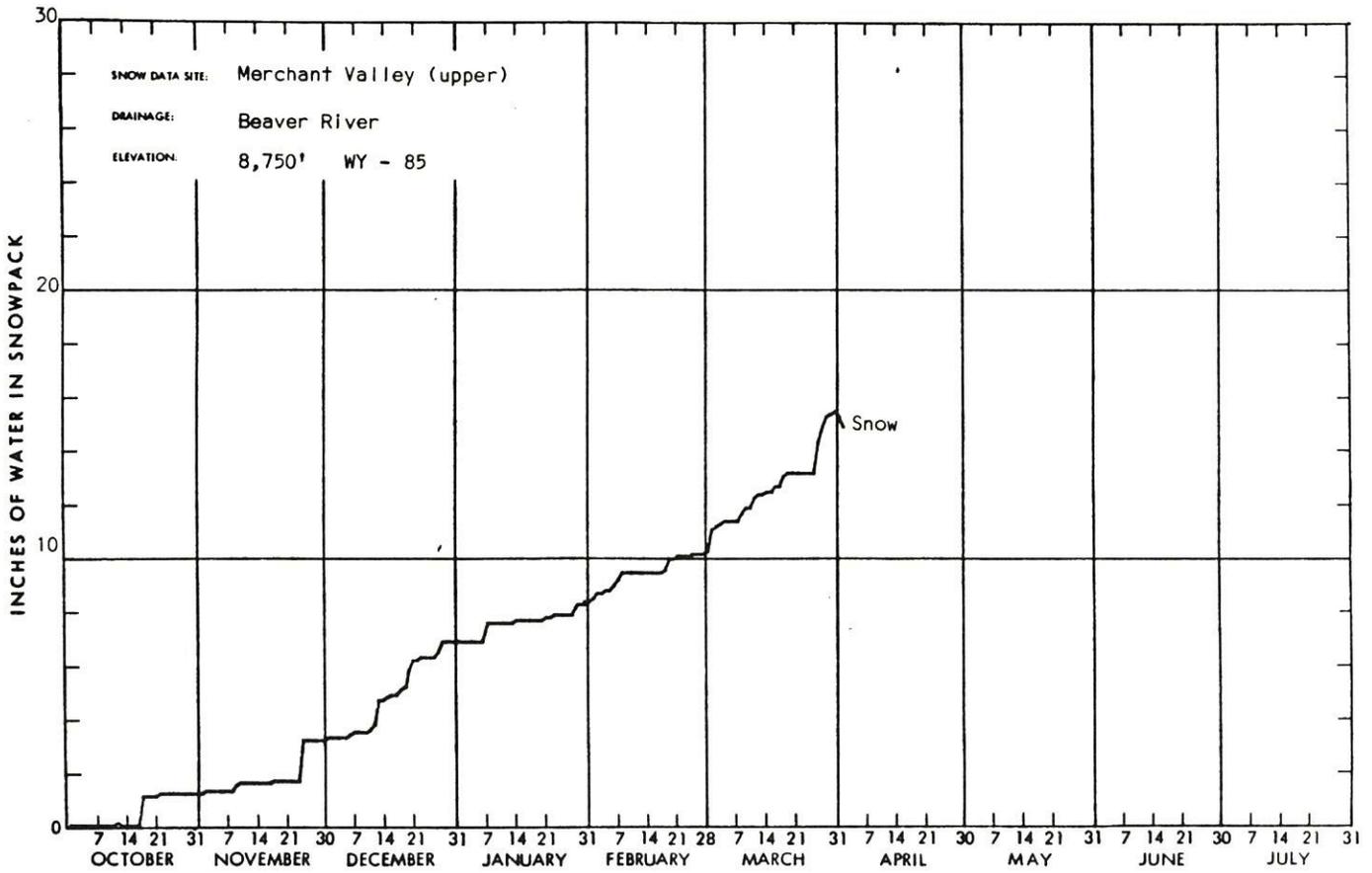
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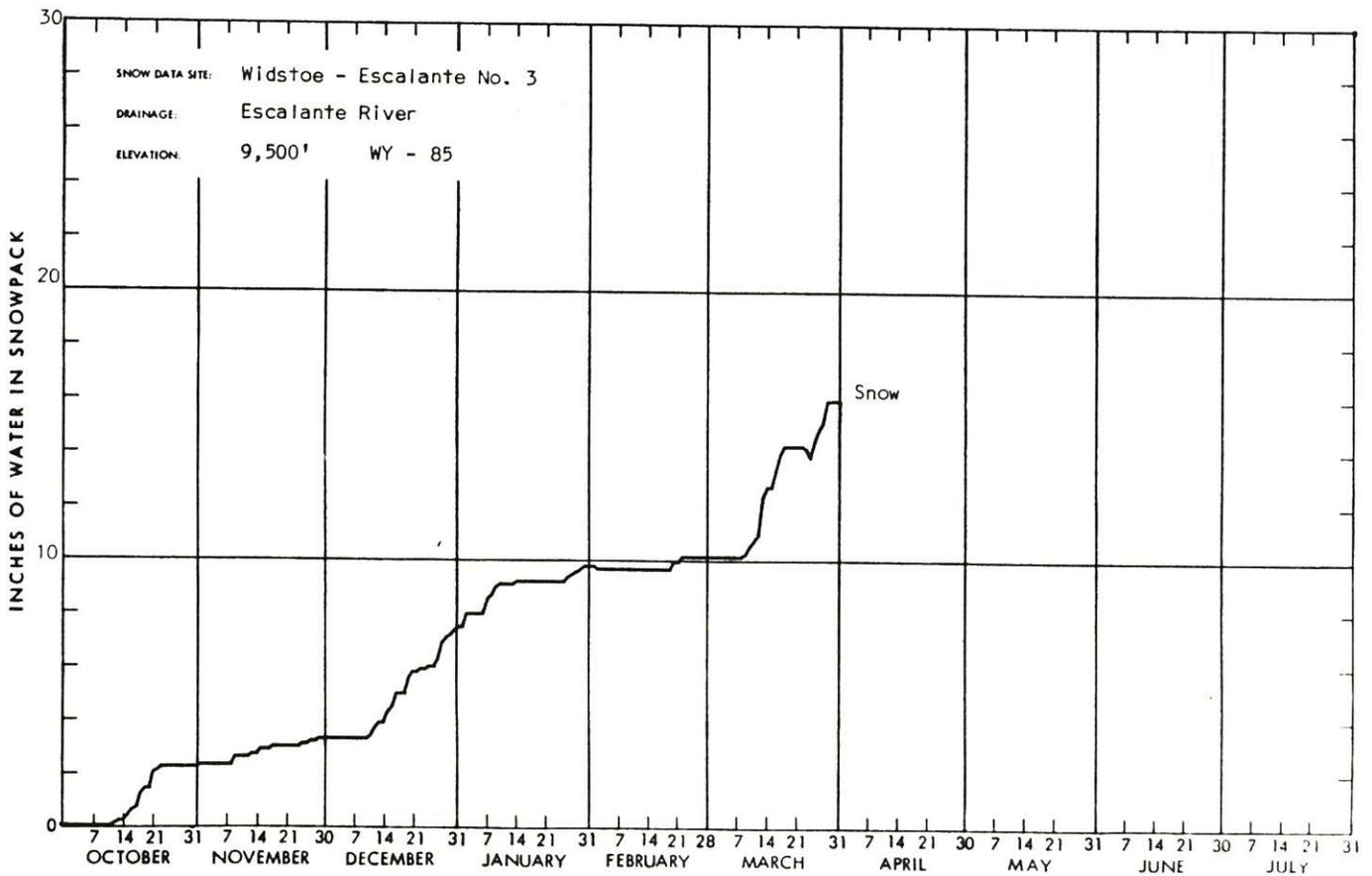
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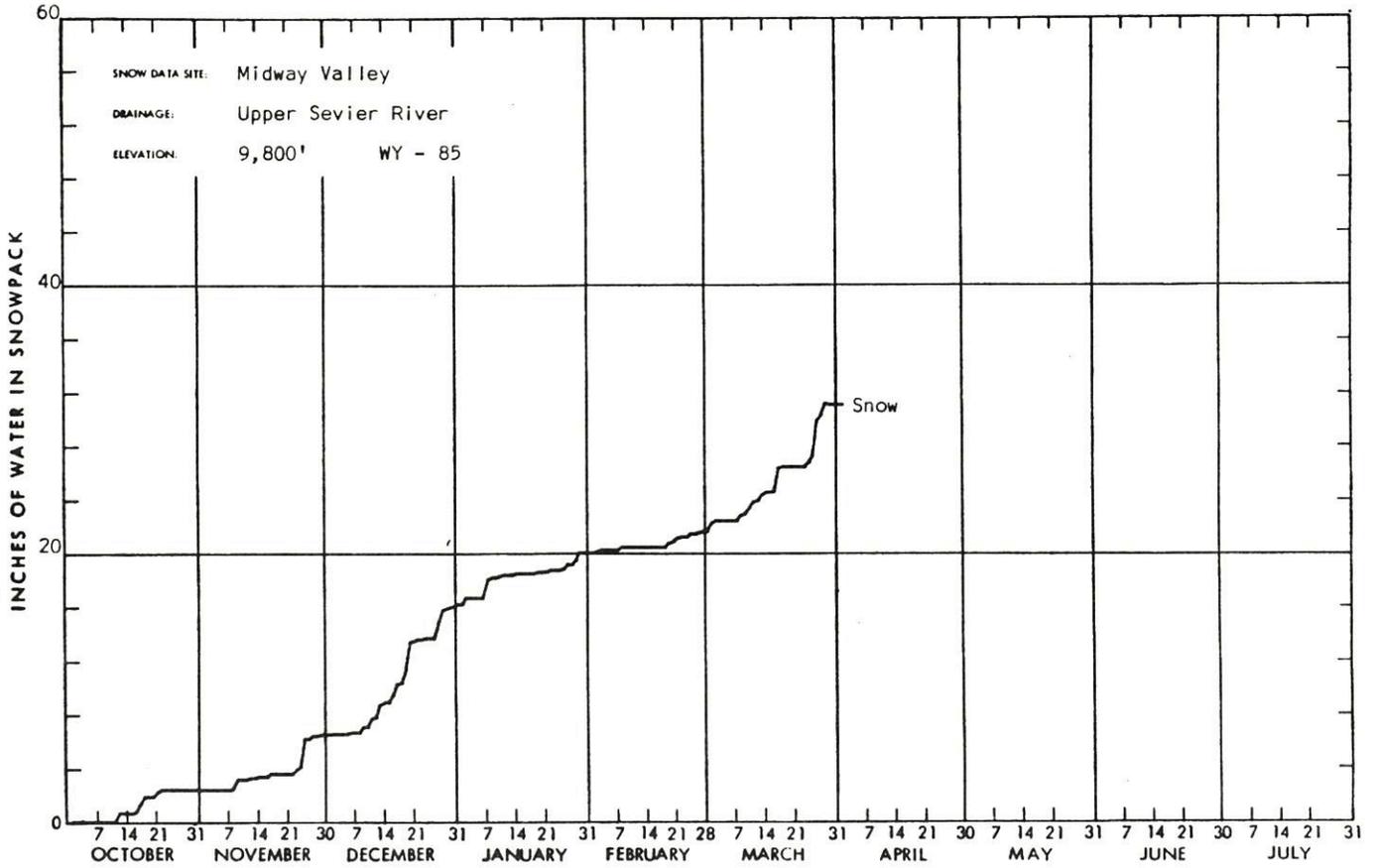
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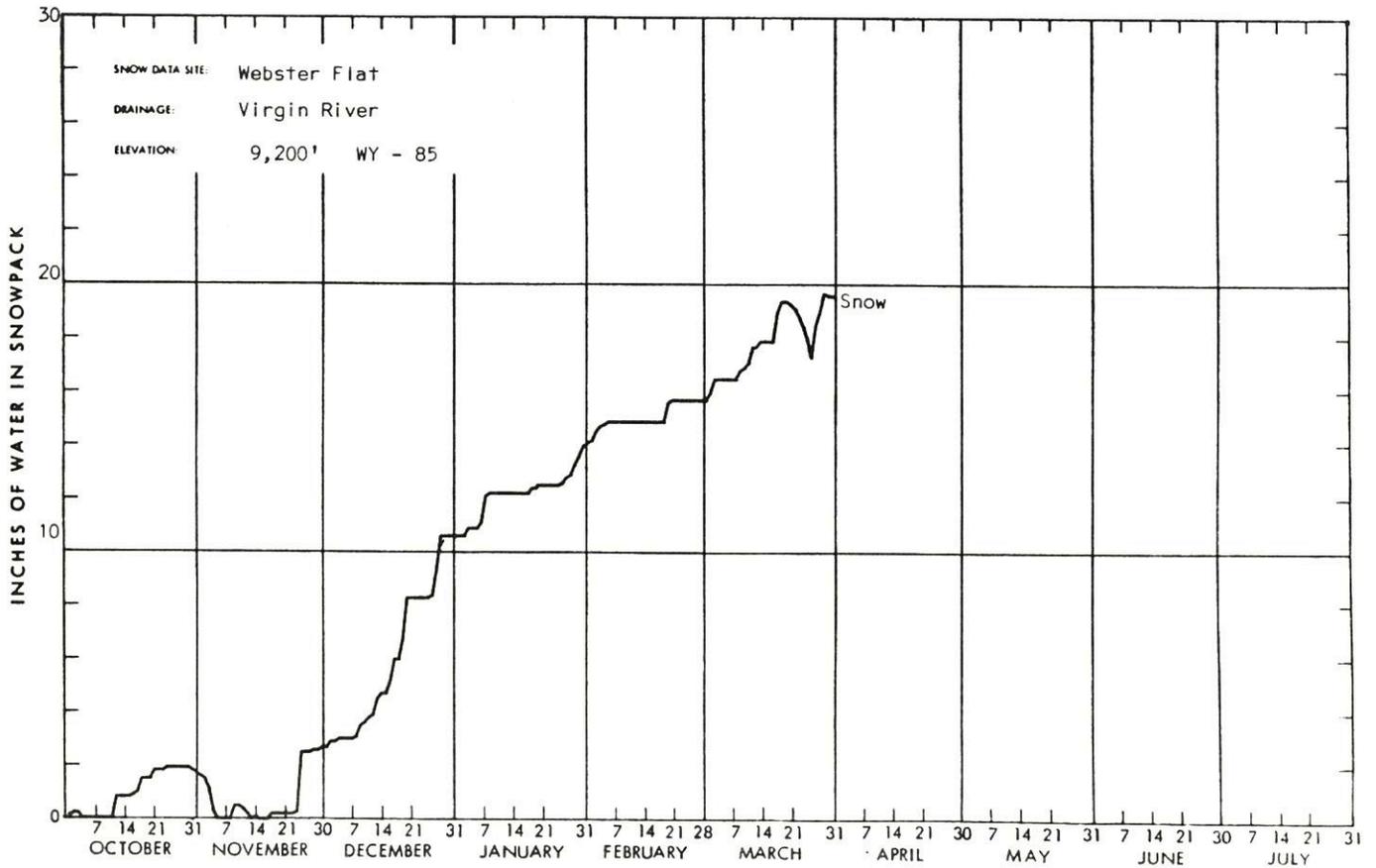
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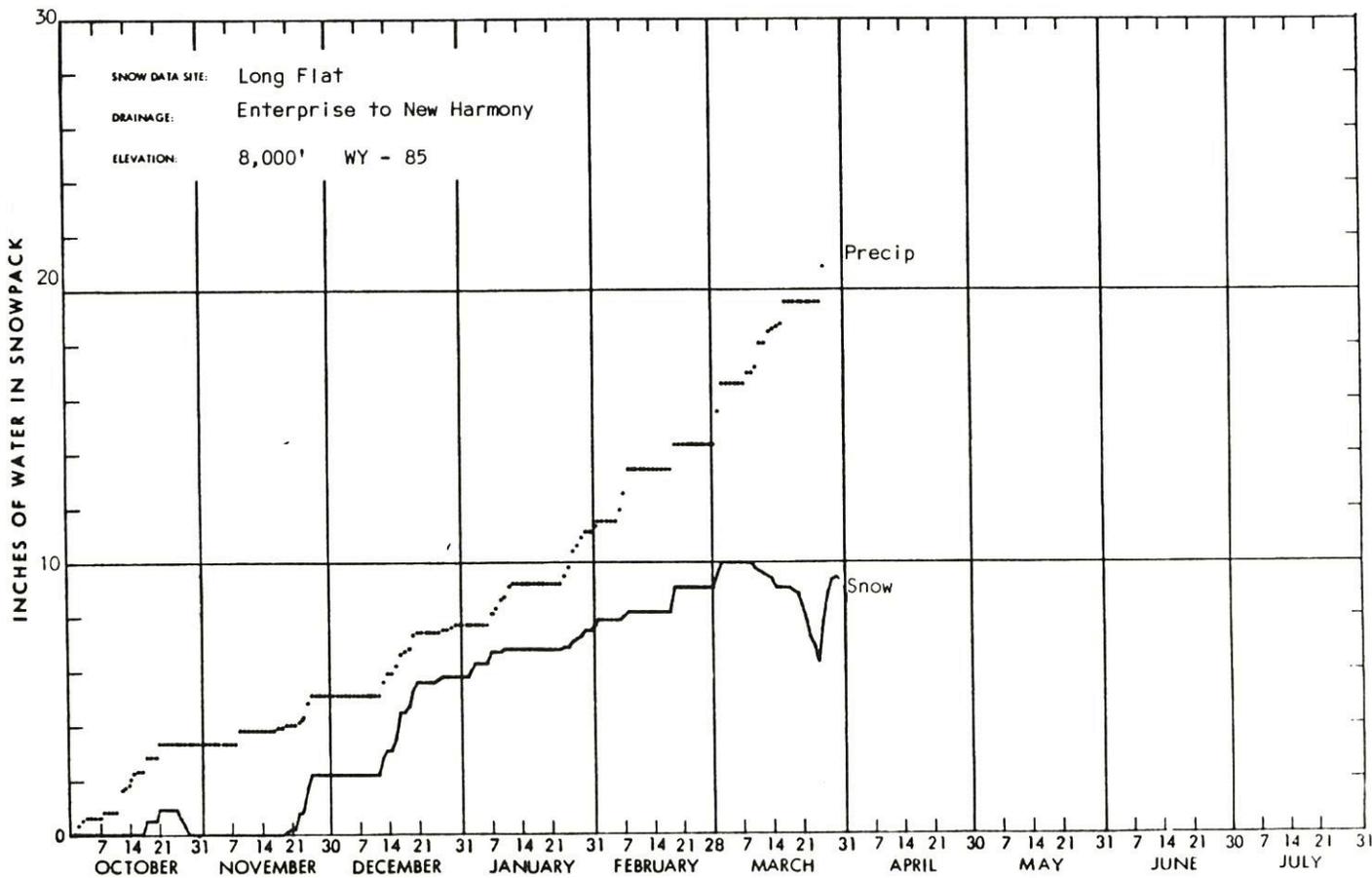
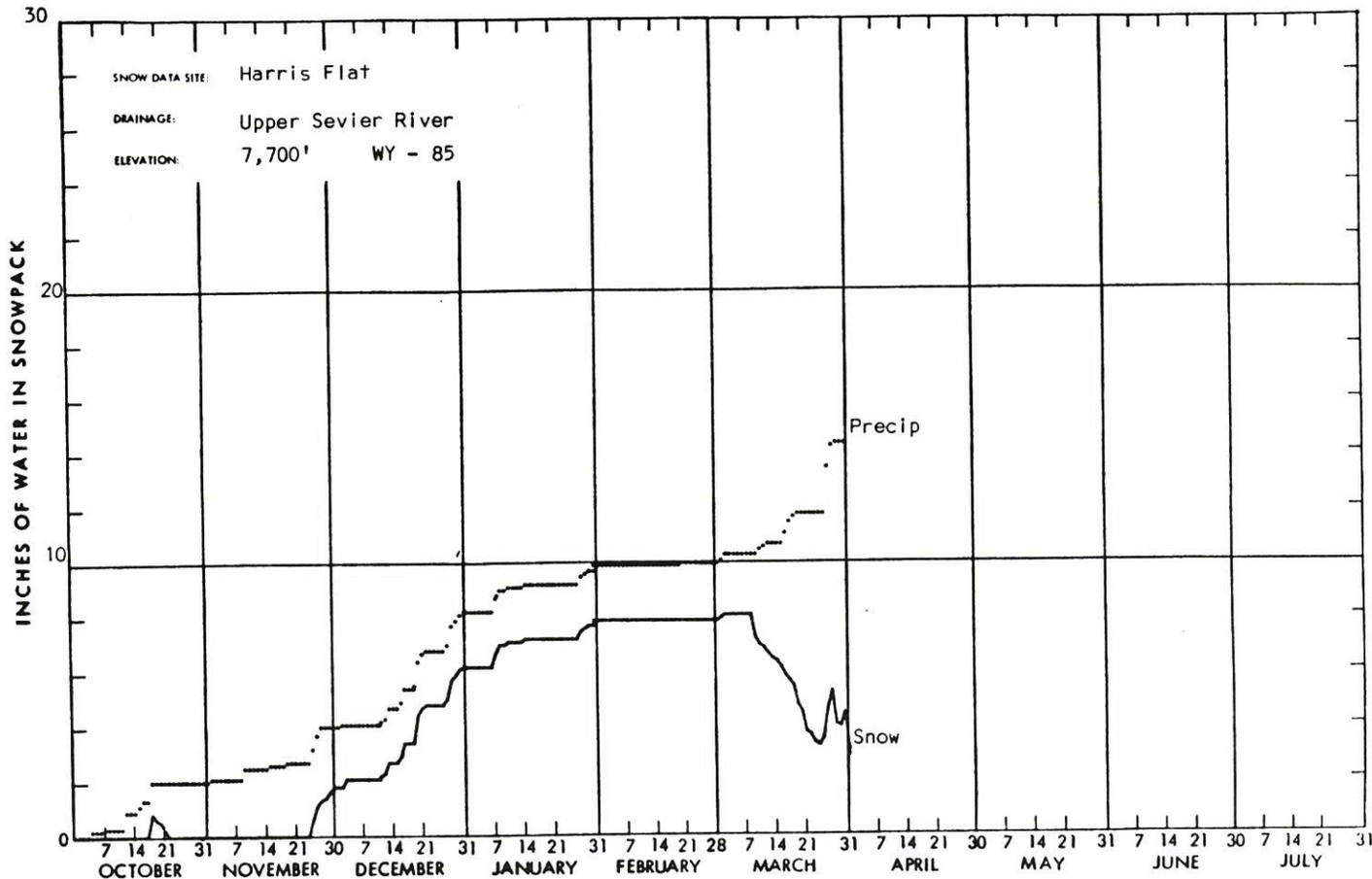


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INDEX TO UTAH, BEAR & UPPER COLORADO RIVER BASINS

GREAT BASIN DRAINAGE

Number	State	Name	Section	Township	Range	Elevation	Number	State	Name	Section	Township	Range	Elevation	Number	State	Name	Section	Township	Range	Elevation
10011	W	UPPER BEAR RIVER (above Haver, Idaho)	7	27N	117W	8,700	1212	U	JORDAN RIVER & GREAT SALT LAKE	24	45	4W	6,450	10413p	U	DUCHESE RIVER	13	4N	4W	10,840
10016p	W	Big Park	19	3N	110E	7,900	1219p	U	Bewan's Cabin	15	45	7W	9,250	10300PST	U	Atwood Lake	8	2N	6W	10,600
10017	W	Burt/Miller Ranch	9	3N	110E	7,900	1220p	U	Dorsett Park	15	45	7W	9,250	10301PST	U	Brown Duck Ridge	8	2N	6W	10,600
10018	W	E.C.C. Camp A	25	1N	9E	9,400	1221p	U	Middle Canyon	8	45	3W	7,000	11432PST	U	Carroll's Meadows Lakes	26	15	11W	8,000
10019PST	W	Kelly Ranger Station	13	26N	118W	8,200	1144	U	Mill Creek	25	35	2E	7,000	11423PST	U	Carroll's Meadows Lakes	26	15	11W	8,000
10020	W	Lily Lake	10	3N	110E	9,000	1145	U	Mill D South Fork	18	25	3E	8,400	1147PST	U	Carroll's Meadows Lakes	26	15	11W	8,000
10021	W	Phonon Meadows S	30N	116W	8,500	1146	U	Phonon Meadows N	35	25	3E	8,725	1041PST	U	Carroll's Meadows Lakes	26	15	11W	8,000	
10022	W	Salt River Summit x	32	29N	118W	7,900	1147	U	Snow Bird (Cedar Valley)	18	35	3E	9,700	10419PST	U	Carroll's Meadows Lakes	26	15	11W	8,000
10023	W	Shinarump Camp	32	29N	118W	8,550	1214PST	U	Vermon Creek	21	10S	5W	7,500	10424PST	U	Carroll's Meadows Lakes	26	15	11W	8,000
10024	U	UPPER SEVIER RIVER (below Haver, Idaho)	18	11N	5E	7,950	1214PST	U	UPPER SEVIER RIVER (South of Richfield, Utah)	33	26S	2W	9,300	10425PST	U	Carroll's Meadows Lakes	26	15	11W	8,000
10025	U	Big Lake	27	13S	41E	5,600	1215	U	Box Creek	23	36S	4W	8,000	10426PST	U	Carroll's Meadows Lakes	26	15	11W	8,000
10026	U	Christenson Ranch	29	14N	41W	5,400	1216	U	Boye Canyon	23	36S	4W	8,000	10427PST	U	Carroll's Meadows Lakes	26	15	11W	8,000
10027	U	Clayton Ranger Station	30	13S	42E	7,900	1217	U	Cattle Valley	24	38S	7W	7,700	10428PST	U	Carroll's Meadows Lakes	26	15	11W	8,000
10028	U	Dry Basin	31	13S	42E	7,900	1218	U	Harris Flat	24	38S	7W	7,700	10429PST	U	Carroll's Meadows Lakes	26	15	11W	8,000
10029	U	Dry Creek Flat	31	13S	37E	6,350	1149	U	High Top Mountain	36	25S	1E	11,400	11430PST	U	Carroll's Meadows Lakes	26	15	11W	8,000
10030	U	Empire Summit	24	12S	42E	6,400	1219	U	Kimberly Mine	36	27S	9W	9,400	11431PST	U	Carroll's Meadows Lakes	26	15	11W	8,000
10031	U	Franklin Basin (north)	34	16S	41E	8,000	1220	U	Pangatch Lake	3	27S	2W	9,300	11432PST	U	Carroll's Meadows Lakes	26	15	11W	8,000
10032	U	Garden City Summit	34 & 35	14N	4E	7,600	1221	U	Sawah Springs	4 & 5	27S	2W	9,300	11433PST	U	Carroll's Meadows Lakes	26	15	11W	8,000
10033	U	Head Hollow	31	13S	42E	8,000	1222	U	UPPER SEVIER RIVER (including San Pitch River)	32	19S	3E	8,600	11434PST	U	Carroll's Meadows Lakes	26	15	11W	8,000
10034	U	Klondike (Narrow)	10	14N	3E	7,400	11435PST	U	Blower Dam	34	29S	3E	8,600	11435PST	U	Carroll's Meadows Lakes	26	15	11W	8,000
10035	U	Literary Springs	7	13S	42E	8,200	11436	U	Framsworth Lake	27	17S	4E	10,000	11436PST	U	Carroll's Meadows Lakes	26	15	11W	8,000
10036	U	Little Bear (lower)	22	8N	1E	6,550	11437	U	G. B. R. C. Headquarters	27	17S	4E	10,000	11437PST	U	Carroll's Meadows Lakes	26	15	11W	8,000
10037	U	Oxford Mountain	32	13S	37E	6,800	11438	U	G. B. R. C. Headquarters	27	17S	4E	10,000	11438PST	U	Carroll's Meadows Lakes	26	15	11W	8,000
10038	U	Sage Creek Divide	13	14S	3E	8,500	11439	U	Manmoth H. S., Cottonwood Creek	13	13S	5E	8,800	11439PST	U	Carroll's Meadows Lakes	26	15	11W	8,000
10039	U	Sheep Hollow No. 2	9	14N	3E	7,700	11440	U	Middle Fork	16	18S	4E	9,600	11440PST	U	Carroll's Meadows Lakes	26	15	11W	8,000
10040	U	Strawberry Creek	9	13S	41E	5,800	11441	U	Oak Gulch, H. S.	9	17S	3W	7,360	11441PST	U	Carroll's Meadows Lakes	26	15	11W	8,000
10041	U	Strawberry Mine Divide	1	13N	4E	8,400	11442	U	Pack-Up Key Springs	4	21S	3E	9,000	11442PST	U	Carroll's Meadows Lakes	26	15	11W	8,000
10042	U	Tony Grove Ranger Station	11	13N	4E	6,250	12195	U	Pine Creek	24	22S	4W	8,700	11442PST	U	Carroll's Meadows Lakes	26	15	11W	8,000
10043	U	Willow Flat	2	15S	41E	6,100	12196	U	Shingle Mill	9	22S	3W	6,200	11442PST	U	Carroll's Meadows Lakes	26	15	11W	8,000
10044	U	RAFT RIVER	26	14N	14W	9,050	12197	U	Trout Flat	19	18S	3E	8,760	11442PST	U	Carroll's Meadows Lakes	26	15	11W	8,000
10045	U	Clear Creek Meadows	17	14N	14W	7,330	12198	U	UPPER SEVIER RIVER (including San Pitch River)	32	19S	3E	8,600	11442PST	U	Carroll's Meadows Lakes	26	15	11W	8,000
10046	U	George Peak	17	14N	14W	7,330	12199	U	UPPER SEVIER RIVER (including San Pitch River)	32	19S	3E	8,600	11442PST	U	Carroll's Meadows Lakes	26	15	11W	8,000
10047	U	V-Point Summit	17	14N	17W	7,670	12200	U	UPPER SEVIER RIVER (including San Pitch River)	32	19S	3E	8,600	11442PST	U	Carroll's Meadows Lakes	26	15	11W	8,000
10048	U	OGDEN RIVER	22	8N	3E	7,150	12201	U	UPPER SEVIER RIVER (including San Pitch River)	32	19S	3E	8,600	11442PST	U	Carroll's Meadows Lakes	26	15	11W	8,000
10049	U	Beaver Creek-Stunk Creek	2	7N	1W	6,000	12202	U	UPPER SEVIER RIVER (including San Pitch River)	32	19S	3E	8,600	11442PST	U	Carroll's Meadows Lakes	26	15	11W	8,000
10050	U	Ben Leonard Trail	7	7N	8E	7,500	12203	U	UPPER SEVIER RIVER (including San Pitch River)	32	19S	3E	8,600	11442PST	U	Carroll's Meadows Lakes	26	15	11W	8,000
10051	U	Chalk Creek No. 3	15	5S	1E	6,950	12204	U	UPPER SEVIER RIVER (including San Pitch River)	32	19S	3E	8,600	11442PST	U	Carroll's Meadows Lakes	26	15	11W	8,000
10052	U	East Shingle Lake	15	5S	1E	6,950	12205	U	UPPER SEVIER RIVER (including San Pitch River)	32	19S	3E	8,600	11442PST	U	Carroll's Meadows Lakes	26	15	11W	8,000
10053	U	East Shingle Lake (lower)	15	5S	1E	6,950	12206	U	UPPER SEVIER RIVER (including San Pitch River)	32	19S	3E	8,600	11442PST	U	Carroll's Meadows Lakes	26	15	11W	8,000
10054	U	Farmington Canyon (upper)	23	3N	1E	8,000	12207	U	UPPER SEVIER RIVER (including San Pitch River)	32	19S	3E	8,600	11442PST	U	Carroll's Meadows Lakes	26	15	11W	8,000
10055	U	Francis Canyon	29	5N	6E	7,400	12208	U	UPPER SEVIER RIVER (including San Pitch River)	32	19S	3E	8,600	11442PST	U	Carroll's Meadows Lakes	26	15	11W	8,000
10056	U	Hatchersville	25	7N	4E	8,260	12209	U	UPPER SEVIER RIVER (including San Pitch River)	32	19S	3E	8,600	11442PST	U	Carroll's Meadows Lakes	26	15	11W	8,000
10057	U	Hatchersville	25	7N	4E	8,260	12210	U	UPPER SEVIER RIVER (including San Pitch River)	32	19S	3E	8,600	11442PST	U	Carroll's Meadows Lakes	26	15	11W	8,000
10058	U	Kifford Creek	20	6N	5E	7,300	12211	U	UPPER SEVIER RIVER (including San Pitch River)	32	19S	3E	8,600	11442PST	U	Carroll's Meadows Lakes	26	15	11W	8,000
10059	U	Last Creek	27	9N	3E	9,300	12212	U	UPPER SEVIER RIVER (including San Pitch River)	32	19S	3E	8,600	11442PST	U	Carroll's Meadows Lakes	26	15	11W	8,000
10060	U	Lost Creek	5	15	3E	7,500	12213	U	UPPER SEVIER RIVER (including San Pitch River)	32	19S	3E	8,600	11442PST	U	Carroll's Meadows Lakes	26	15	11W	8,000
10061	U	Parsons Summit	27	9N	3E	9,300	12214	U	UPPER SEVIER RIVER (including San Pitch River)	32	19S	3E	8,600	11442PST	U	Carroll's Meadows Lakes	26	15	11W	8,000
10062	U	Pine's Canyon	5	15	3E	7,500	12215	U	UPPER SEVIER RIVER (including San Pitch River)	32	19S	3E	8,600	11442PST	U	Carroll's Meadows Lakes	26	15	11W	8,000
10063	U	Pine's Canyon Summit	5	15	3E	7,500	12216	U	UPPER SEVIER RIVER (including San Pitch River)	32	19S	3E	8,600	11442PST	U	Carroll's Meadows Lakes	26	15	11W	8,000
10064	U	Perkins Mine (lower)	27	9N	3E	9,300	12217	U	UPPER SEVIER RIVER (including San Pitch River)	32	19S	3E	8,600	11442PST	U	Carroll's Meadows Lakes	26	15	11W	8,000
10065	U	Perkins Mine (upper)	27	9N	3E	9,300	12218	U	UPPER SEVIER RIVER (including San Pitch River)	32	19S	3E	8,600	11442PST	U	Carroll's Meadows Lakes	26	15	11W	8,000
10066	U	Seagang Lakes	9	1N	6E	8,500	12219	U	UPPER SEVIER RIVER (including San Pitch River)	32	19S	3E	8,600	11442PST	U	Carroll's Meadows Lakes	26	15	11W	8,000
10067	U	Smith & Morehouse	29	1N	6E	8,300	12220	U	UPPER SEVIER RIVER (including San Pitch River)	32	19S	3E	8,600	11442PST	U	Carroll's Meadows Lakes	26	15	11W	8,000
10068	U	UPPER SEVIER RIVER (including San Pitch River)	32	19S	3E	8,600	12221	U	UPPER SEVIER RIVER (including San Pitch River)	32	19S	3E	8,600	11442PST	U	Carroll's Meadows Lakes	26	15	11W	8,000
10069	U	UPPER SEVIER RIVER (including San Pitch River)	32	19S	3E	8,600	12222	U	UPPER SEVIER RIVER (including San Pitch River)	32	19S	3E	8,600	11442PST	U	Carroll's Meadows Lakes	26	15	11W	8,000
10070	U	UPPER SEVIER RIVER (including San Pitch River)	32	19S	3E	8,600	12223	U	UPPER SEVIER RIVER (including San Pitch River)	32	19S	3E	8,600	11442PST	U	Carroll's Meadows Lakes	26	15	11W	8,000
10071	U	UPPER SEVIER RIVER (including San Pitch River)	32	19S	3E	8,600	12224	U	UPPER SEVIER RIVER (including San Pitch River)	32	19S	3E	8,600	11442PST	U	Carroll's Meadows Lakes	26	15	11W	8,000
10072	U	UPPER SEVIER RIVER (including San Pitch River)	32	19S	3E	8,600	12225	U	UPPER SEVIER RIVER (including San Pitch River)	32	19S	3E	8,600	11442PST	U	Carroll's Meadows Lakes	26	15	11W	8,000
10073	U	UPPER SEVIER RIVER (including San Pitch River)	32	19S	3E	8,600	12226	U	UPPER SEV											



United States
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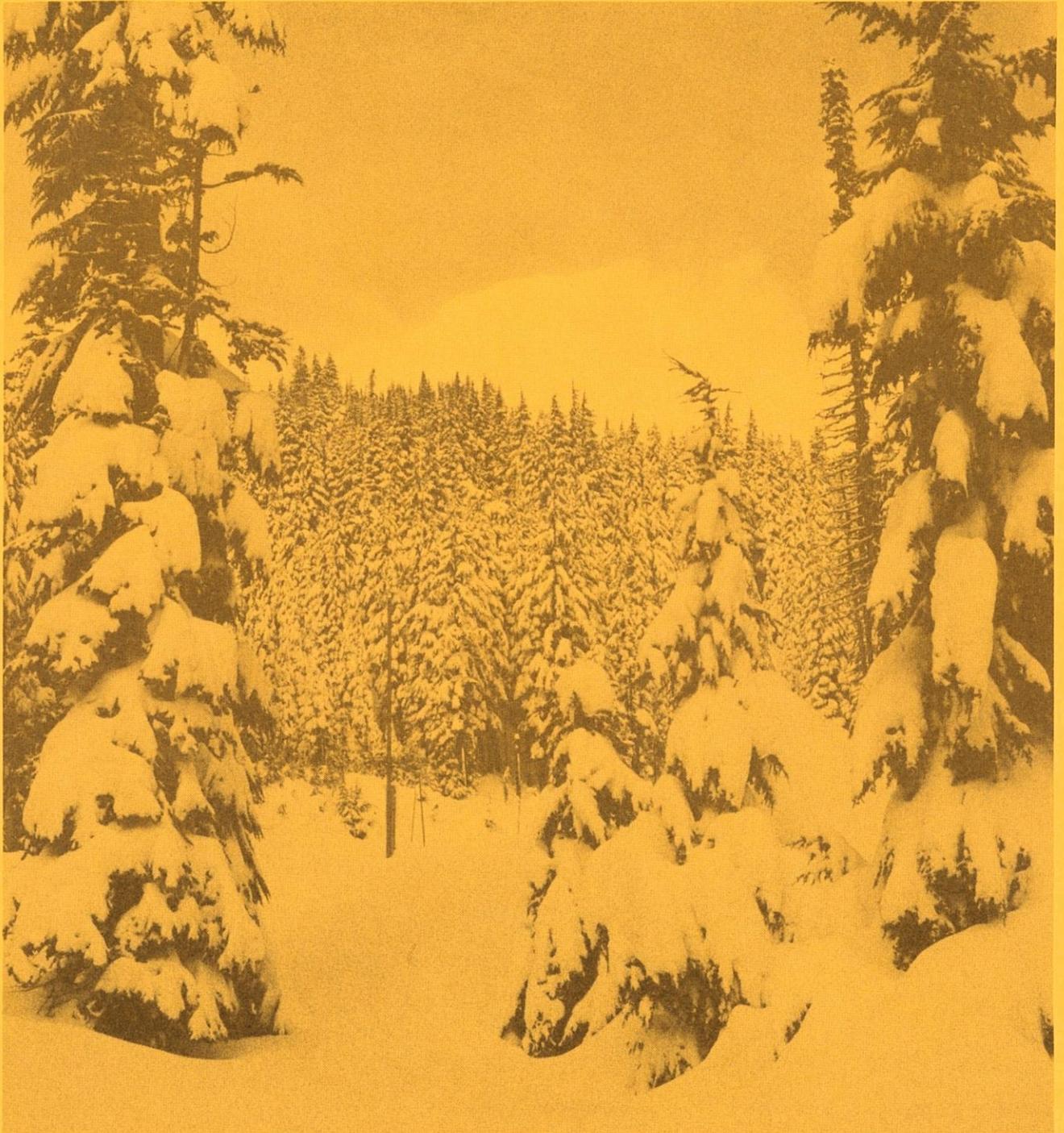
Soil
Conservation
Service

Salt Lake City
Utah



WATER SUPPLY OUTLOOK FOR UTAH

in Cooperation with Utah State Department
of Natural Resources



MAY 1, 1985

WATER SUPPLY OUTLOOK FOR UTAH

**and
FEDERAL-STATE-PRIVATE COOPERATIVE SNOW SURVEYS**

Issued by

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



Released by

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

In Cooperation with

UTAH STATE DEPARTMENT OF NATURAL RESOURCES

ROBERT L. MORGAN State Engineer Division of Water Rights	D. LARRY ANDERSON Director Division of Water Resources
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Report prepared by Snow Survey Staff

BOB L. WHALEY, Supervisor

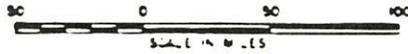
**Soil Conservation Service
125 So. State, Fed. Bldg.
P.O. Box 11350
Salt Lake City, Utah 84147**

PROSPECTIVE WATER SUPPLIES

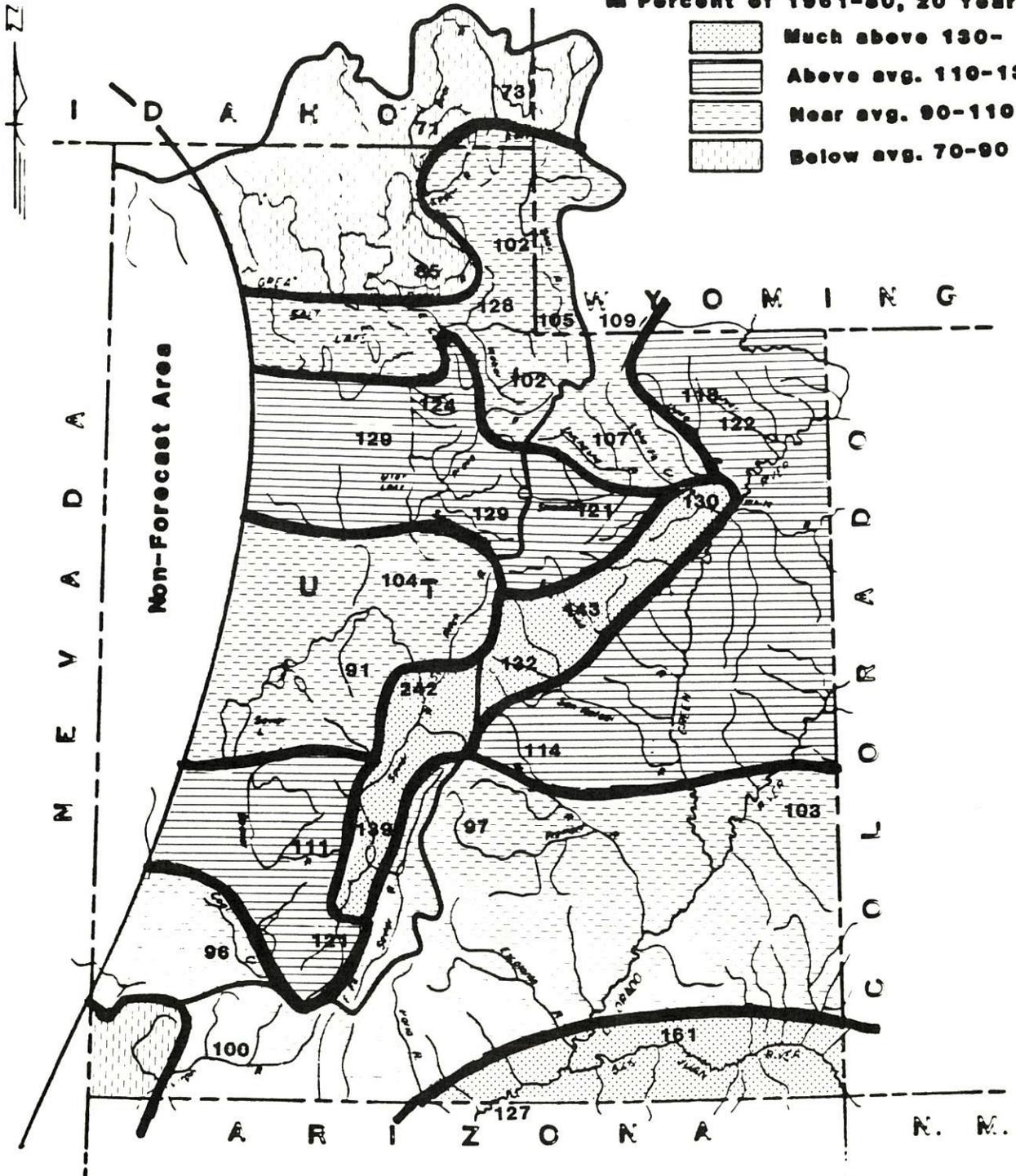
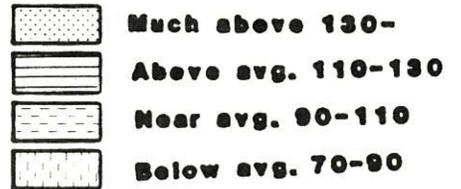
Based on Snow Surveys Made on
UTAH and BEAR RIVER WATERSHEDS

May 1, 1985

Approximate Date



FORECAST STREAM FLOW
In Percent of 1961-80, 20 Year Average



The President's 1986 budget request to Congress calls for termination of the Snow Survey and Water Supply Forecast activity within the U. S. Soil Conservation Service for fiscal policy reasons. If the President's budget request is enacted by Congress the Snow Survey Program will be eliminated by the end of fiscal year 1986. This action would conclude over 50 years of federally coordinated snow survey effort in the Western U. S..

As of May 1, 1985

* * * * *
* Utah's 1985 Water Supply Outlook ranges from below *
* average to much above average. Snow cover varies from *
* about 0% on the Enterprise-New Harmony drainages to *
* 118% of average on the Escalante River drainage. *
* Mountain precipitation during April varied widely *
* ranging from 33% to 229% of average. Soil moisture is *
* above average. Reservoir storage is 129% of average *
* and streamflow forecasts range from more than 30% below *
* average to almost 3 1/2 times average. *
* * * * *

SNOW COVER

Snow measurements for the May 1 survey showed decreases as a percent of average during April of up to 66% as a result of warmer than normal temperatures and early melt as well as below normal precipitation in most areas. Two exceptions were on the Escalante and Beaver River drainages where percentages increased by 5 and 18 percent respectively.

Basin snow course percentages are as follows: Bear 71%, Ogden 75%, Weber 84%, Jordan River-Salt Lake 78%, Utah Lake 64%, Duchesne River 74%, Price River 57%, San Rafael River 78%, Fremont River 56%, Escalante River 118%, Upper Sevier River 88%, Lower Sevier River 81%, Beaver River 115%, Virgin River 72%, and Blue Mountains 95% of the May 1 average for the 1961-1980 twenty year period.

PRECIPITATION

Precipitation at mountain stations was generally less than average during April in the area of Utah north of Richfield while sites south of Richfield received amounts from near normal to over two times normal.

SOIL MOISTURE

Watershed soils are wetter than average again this year except on the east end of the Uinta's and in the southeast corner of the state which are near average. Lower elevation soils will be drying out earlier than normal this year following the early snowmelt.

RESERVOIR STORAGE

Storage in 25 of Utah's key irrigation reservoirs is now 129% of the May 1, average and 97% of capacity.

The Great Salt Lake is now at 4209.90 feet above sea level which is only 1.70 feet below the historical maximum of 4211.60 feet. The Lake is expected to peak at 4210.25 feet about June 1.

Utah Lake is expected to peak by mid-May this year at about one and one-half feet lower than the levels of the last two years.

STREAMFLOW FORECASTS

Streamflow forecasts for the May-July period as a percent of average have generally dropped from the levels forecast last month for the April-July period as a result of an exceptionally early melt and less than average precipitation in many areas. Forecasts now range from 68% of average for the Santa Clara River near Pine Valley to 395% for the Sigurd to Gunnison reach of the Sevier.

Individual forecasts are as follows: Bear near Utah-Wyoming line 105%, Logan 95%, South Fork Ogden 80%, Weber at Oakley 102%, at Gateway 110%, Parley's Creek 116%, Provo near Hailstone 93%, Utah Lake Inflow 151%, Strawberry Inflow 127%, Duchesne at Duchesne 105%, at Tabiona 104%, at Randlett 136%, Lakefork 101%, Ashley Creek 114% and Black's Fork 109% of the May-July average.

The Price River is forecast 106% for Scofield Inflow and 143% at Heiner Huntington Creek is forecast 136%, Cottonwood 132%, Ferron 129%, Muddy 114%, Seven Mile Creek 97% and Mill Creek near Moab 103%.

The Sevier River is forecast 121% at Hatch, 154% at Kingston, 242% at Gunnison, Clear Creek 123%, Salina Creek 131%, Chicken Creek 104% and Chalk Creek near Fillmore 106% of the May-July average.

The Beaver River is forecast 111% at Beaver and 136% for Minersville Inflow. Coal Creek is forecast 96% and the Virgin near Hurricane 100% of average.

Water users are expected to have adequate water supplies this season with few exceptions. Runoff peaks have not and should not cause the problems that have been encountered the last two seasons but rising levels on the Great Salt Lake are a continuing concern.

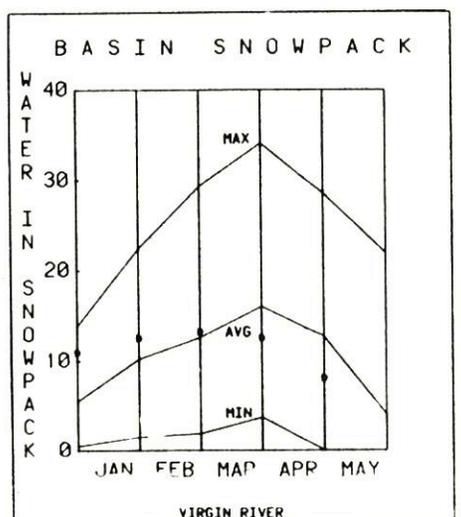
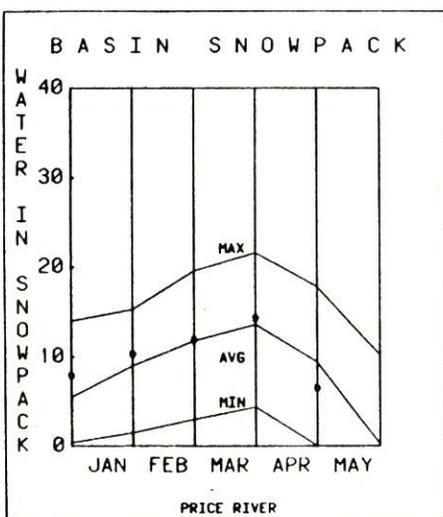
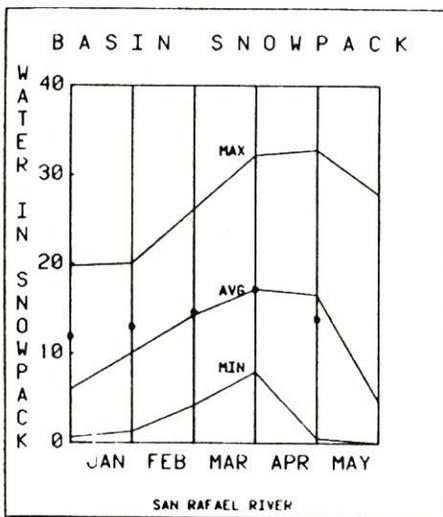
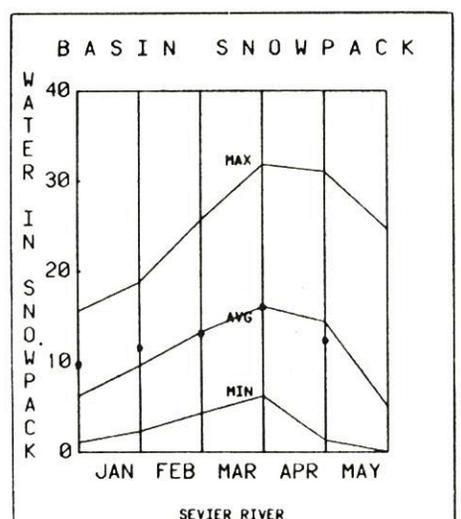
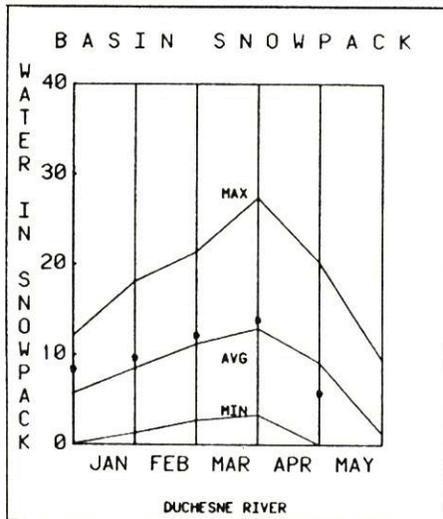
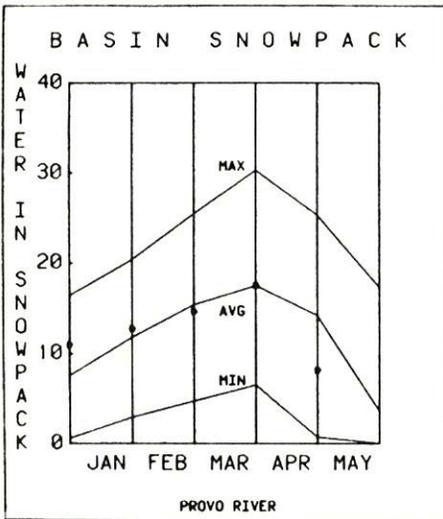
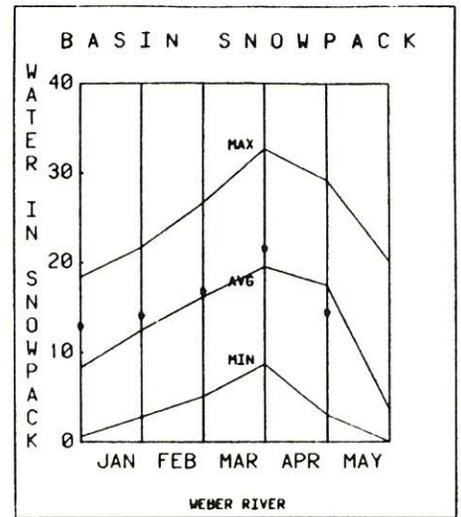
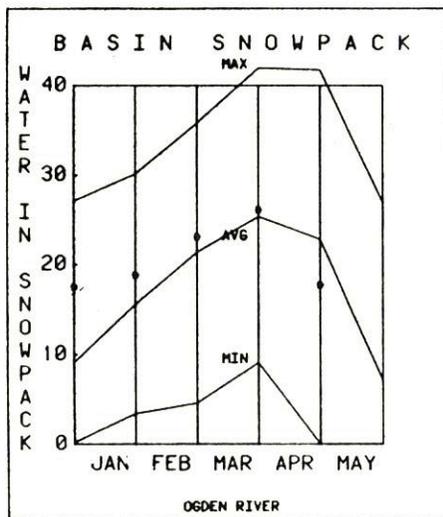
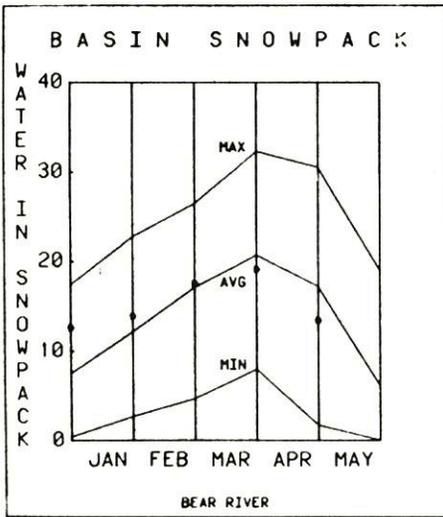
RESERVOIR STORAGE (Thousand Acre Feet) END OF MONTH

Basin or Stream	RESERVOIR	Usable Capacity	Usable Storage		
			This Year	Last Year	Average†
GREAT BASIN					
<u>Bear River</u>	Bear Lake	1421.0	1131.4	1111.2	1054.1
	Woodruff Narrows	55.8	55.8	35.0 ^a	--
	Woodruff Creek	3.5	3.5	3.5	--
<u>Beaver River</u>	Minersville (RkyFd)	26.0	26.0	21.1	14.6
<u>Little Bear</u>	Hyrum	15.3	11.9	10.9	13.2
	Porcupine	11.3	11.9	8.1	9.5 ^b
<u>Ogden</u>	Causey	6.9	1.1	0.8	2.6 ^b
	Pineview	110.1	96.6	53.8	76.6
<u>Provo</u>	Deer Creek	149.7	143.1	121.2	106.9
<u>Settlement Creek</u>	Settlement Creek	1.0	0.7	--	--
	Vernon Creek	0.6	0.6	0.6	0.6 ^b
<u>Sevier River</u>	Gunnison	18.2	18.2	13.8	14.9 ^b
	Otter Creek	52.5	52.7	48.9	39.5
	Piute	71.8	71.8	58.6	44.7
	Sevier Bridge	236.0	225.4	212.1	136.0
	Panguitch Lake	22.3	22.3	21.7	--
<u>Utah Lake</u>	Utah Lake	883.9	1224.2	1287.9	766.8
<u>Weber</u>	East Canyon	48.1	37.0	27.9	41.5 ^b
	Echo	73.9	57.4	31.1	54.2
	Lost Creek	20.0	14.4	7.7	14.3 ^b
	Rockport	60.9	44.0	25.7	36.8
	Willard Bay	193.3	155.0	135.8	168.0
COLORADO R. BASIN					
<u>Ashley Creek</u>	Steinaker	33.3	30.6	25.7	23.0 ^b
	Red Fleet	26.0	23.9	18.0	--
<u>Colorado</u>	Blue Mesa	829.5	350.0	220.7	--
	Lake Powell	25002.0	22599.0	21067.0	--
<u>Green</u>	Flaming Gorge	3749.0	3108.7	3067.4	--
<u>Lakefork</u>	Moon Lake	35.8	30.8	30.0	18.1
<u>Price River</u>	Scotfield	65.8	56.4	28.0	36.6
<u>San Juan</u>	Navajo	1696.0	1500.0	1370.0	--
	Ken's Lake	2.3	2.3	1.2	--
<u>San Rafael</u>	Huntington North	3.9	3.0	3.6	3.9 ^b
	Joe's Valley	54.6	48.1	25.5	46.8 ^b
	Mill Site	16.7	16.7	14.6	6.3 ^b
<u>Strawberry</u>	Starvation	165.3	154.4	128.2	113.5 ^b
	Strawberry (enlarged)	951.4	479.5	--	--
<u>Uintah</u>	Bottle Hollow	11.3	11.3	11.3	10.6 ^b
	Currant Creek	15.5	11.9	4.9	--

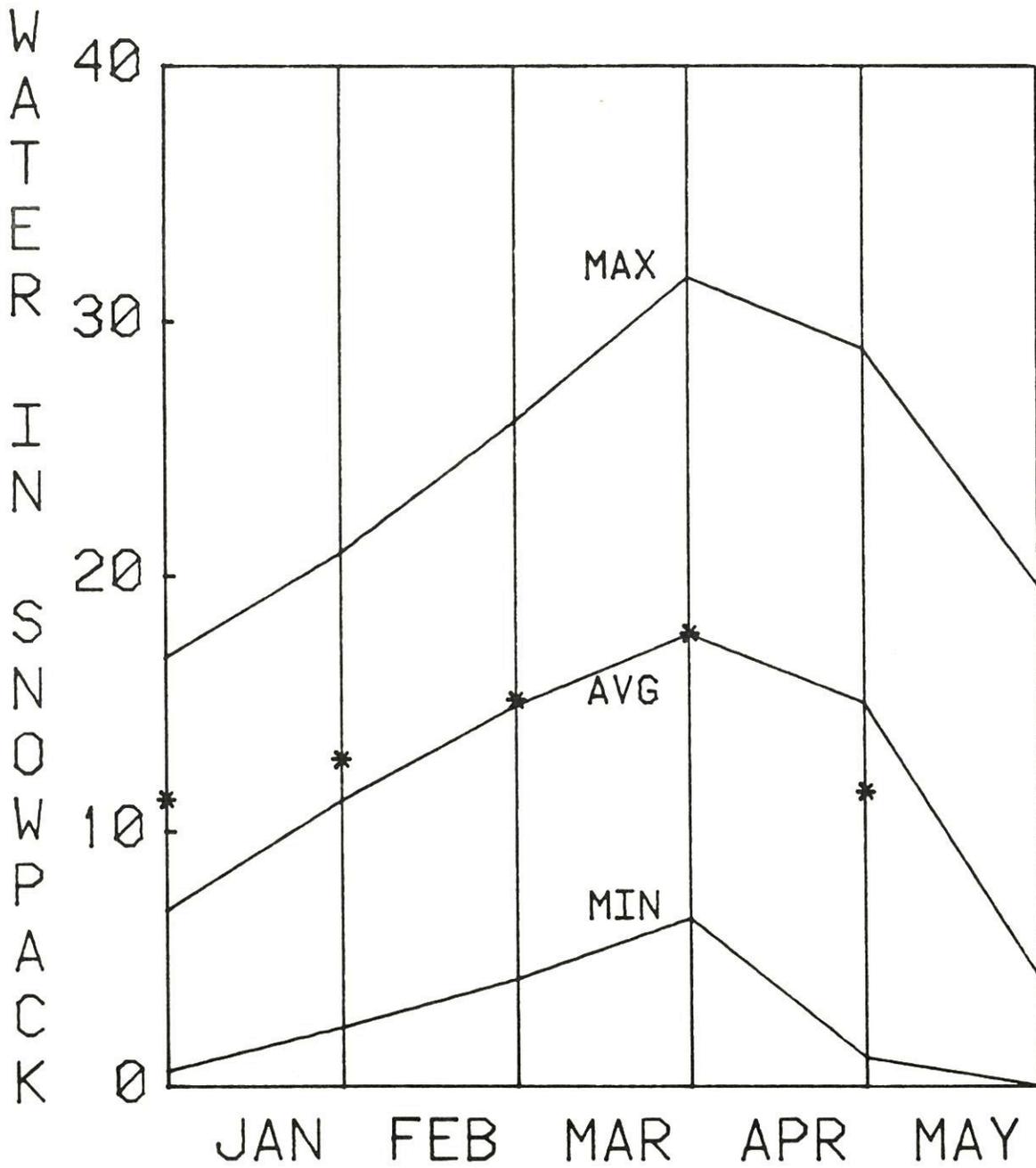
a - Partly estimated

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

+ - 1961-80 20 year average period



BASIN SNOWPACK

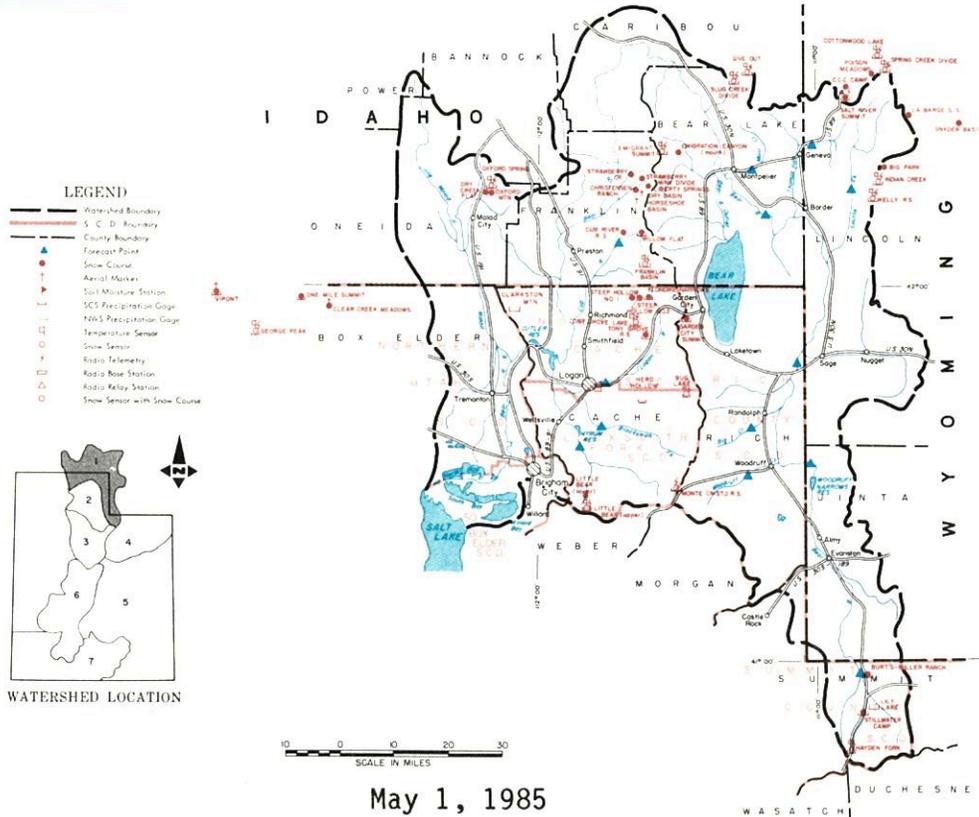


UTAH STATE WIDE

WATER SUPPLY OUTLOOK

BEAR RIVER BASIN in UTAH

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



THE WATER SUPPLY OUTLOOK IS BELOW AVERAGE TO NEAR AVERAGE

SNOW COVER now ranges from 66% of the May 1 average on the Upper Bear to 85% on the Logan River after a warmer than normal April. Snowmelt commenced about three or four weeks earlier than normal this year as evidenced by this months survey which found many of the lower snow courses with little or no snow.

PRECIPITATION at mountain stations ranged from 61% of the April average at Stillwater Camp to 138% at Burts-Miller Ranch.

SOIL MOISTURE is above average.

RESERVOIR STORAGE is greater than average for all but Hyrum which has been held down but is now filling.

STREAMFLOW FORECASTS as a percent of average for the May-July period have decreased from the April-July forecasts due to high streamflows in April caused by early melt. Forecasts now range from 71% for Cub River to 127% for Big Creek. The Bear is forecast 105% near the Utah-Wyoming stateline, 102% near Woodruff, 105% near Randolph, and 73% at Harer. Woodruff Creek is forecast 90%, Logan River 95%, Blacksmith Fork 97%, and Little Bear 77%. Thomas Fork is forecast 74% and Smith's Fork 78% of the April-September average.

Some late season shortages may occur on Thomas Fork, Smith's Fork, the Bear below Harer, the Little Bear, and Cub River if below average precipitation should occur during the remainder of the runoff season.

BEAR RIVER BASIN IN UTAH

STREAMFLOW FORECASTS

BASIN, STREAM and/or FORECAST POINT	THIS YEAR		FORECAST PERIOD	PAST RECORD	
	FORECAST	PERCENT OF AVERAGE		THOUSAND ACRE FEET	
	Thousand Acre Feet	Percent of Average		Last Year	Average
BEAR RIVER					
Bear nr UT-Wyo. State Line	110	105	May-July	157	105
Bear nr Woodruff 1/	118	102	May-July	237	116
Woodruff Crk nr Woodruff, UT	13.5	90	May-July	27	15.1 ^b
Big Creek nr Randolph, UT	5.6	127	May-July	--	4.4 ^a
Bear nr Randolph 1/	86	105	May-July	230	82
Thomas Fork nr ID-WY State Ln	26	74	Apr-Sept	--	35
Smith's Fork nr Border, WY	93	78	Apr-Sept	--	119
Bear at Harer, Idaho 1/	227	73	Apr-Sept	578	310
Logan nr Logan 1/	96	95	May-July	192	101
Blacksmith Fork nr Hyrum	37	97	May-July	104	38
Little Bear nr Paradise	20	77	May-June	72	26
Cub River nr Preston, ID	34	71	May-July	--	48

SUMMARY of SNOW MEASUREMENTS (COMPARISON WITH PREVIOUS YEARS)

RIVER BASIN and/or SUB-WATERSHED	Number of Courses Averaged	THIS YEAR AS A PERCENT OF	
		Last Year	Average
BEAR RIVER	24	54	71
UPPER BEAR RIVER	11	60	66
LOWER BEAR RIVER	13	50	75
LOGAN RIVER	7	64	85

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

RESERVOIR STORAGE (Thousand Acre Feet)

BASIN OR STREAM	RESERVOIR	Usable Capacity	USEABLE STORAGE		
			This Year	Last Year	Average
BEAR RIVER	Bear Lake	1421.0	1131.4	1111.2	1054.1
	Woodruff Narrows	55.8	55.8	35.0 ^a	--
	Woodruff Creek	3.5	3.5	3.5	--
LITTLE BEAR	Hyrum	15.3	11.9	10.9	13.2
	Porcupine	11.3	11.9	8.1	9.5 ^b

PEAK FLOWS^e

FORECAST POINT	PEAK FLOW (SECOND FEET)	
	Forecast Range	Average
Bear nr. Ut.-Wyo. Stateline	1250-1995	1506
Woodruff Creek nr Woodruff	170-315	253
Big Creek nr Randolph	55-95	48 ^b
Logan River nr Logan	620-1205	980
Little Bear nr Paradise	275-600	519

SNOW

DRAINAGE BASIN and/or SNOW COURSE	THIS YEAR			PAST RECORD	
	Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Water Content (Inches)	
				Last Year	Average
Burts-Miller Ranch	4/26	2	0.4	4.2	2.4
Cub River R.S.	4/25	0	0.0	5.1	0.1
Emigrant Summit	4/25	32	15.3	33.4	23.6
Franklin Basin	4/25	52	23.0	33.6	20.7 ^a
Garden City Summit	4/25	35	13.8	20.8	17.4
Hayden Fork	4/26	30	10.7	18.2	16.2
Klondike Narrows	4/25	26	11.2	23.0	15.6

SNOW

DRAINAGE BASIN and/or SNOW COURSE	THIS YEAR			PAST RECORD	
	Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Water Content (Inches)	
				Last Year	Average
Little Bear Lower	4/24	0	0.0	1.9	1.5
Little Bear Upper	4/24	0	0.0	14.5	5.4
Monte Cristo	4/25	51	20.1	29.8	26.8
Salt River Summit	4/29	15	5.2	15.8	14.5
Stillwater Camp	4/26	9	2.6	10.6	8.4
Tony Grove R.S.	4/25	4	1.6	11.3	3.1

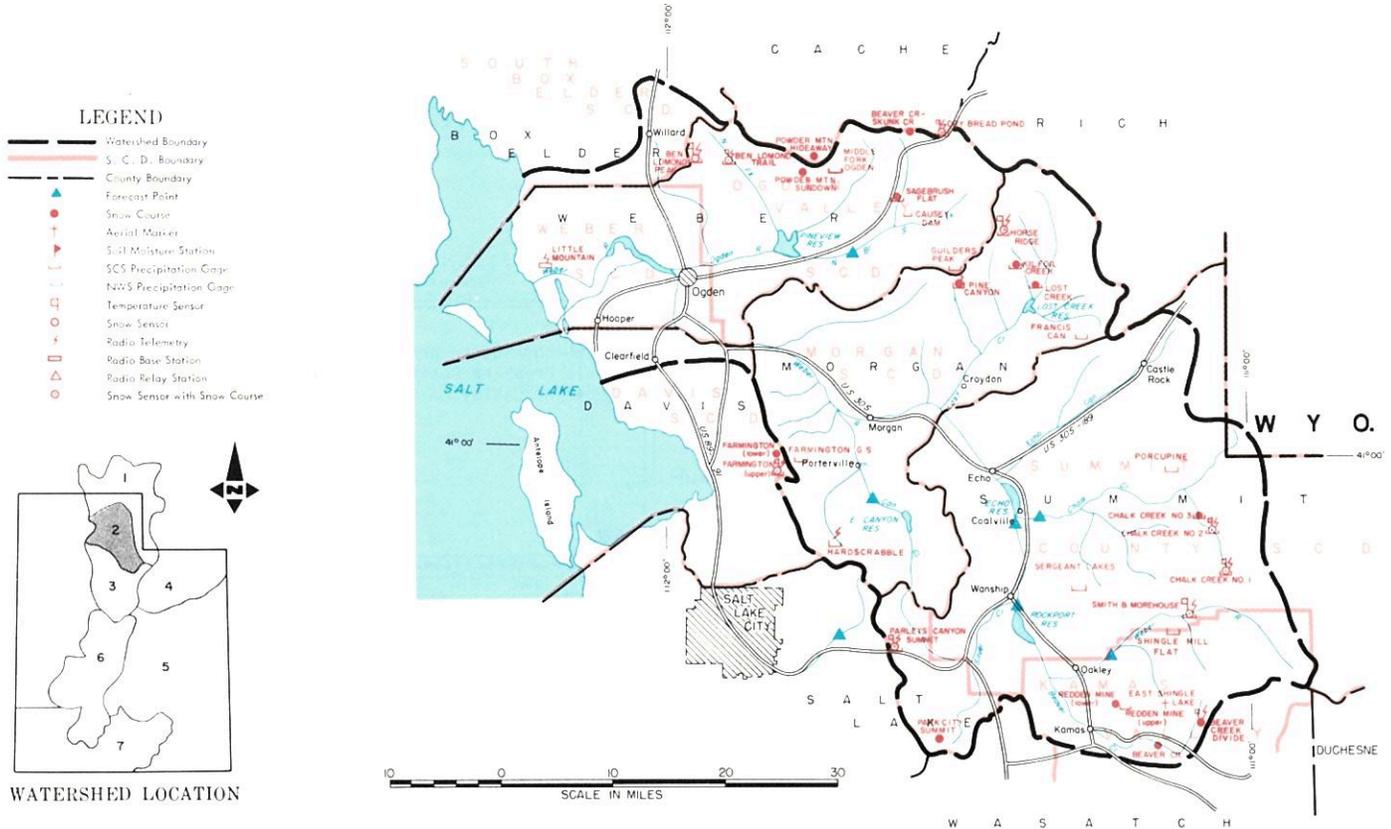
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WATER SUPPLY OUTLOOK

WEBER-OGDEN WATERSHEDS in UTAH

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



THE WATER SUPPLY OUTLOOK IS NEAR AVERAGE

SNOW COVER on the Weber and Ogden River drainages is now less than average as a result of less than average precipitation in April and an exceptionally early melt. The Ogden is at 75% and the Weber is at 84% of the May 1 average.

PRECIPITATION at mountain stations was generally less than the April average ranging from 37% at Farmington Lower to 102% for Sagebrush Flat.

SOIL MOISTURE is well above average.

RESERVOIR STORAGE is generally below average but more than last year at this time.

STREAMFLOW FORECASTS for the May-June period as a result of less than average April precipitation and the higher volumes of April flow produced by the early melt are now generally near average ranging from 80% for the South Fork of the Ogden to 135% for East Canyon Creek.

The Weber is forecast 102% at Oakley, 101% for Rockport Inflow, 103% at Coalville, 101% for Echo Inflow and 110% at Gateway. Pineview Inflow is forecast at 85%, Chalk Creek 100%, Lost Creek 128%, Hardscrabble 118% and Farmington Creek 102%.

All reservoirs are expected to fill and all water users are expected to have adequate supplies.

WEBER-OGDEN WATERSHEDS IN UTAH

STREAMFLOW FORECASTS

BASIN, STREAM and/or FORECAST POINT	THIS YEAR		FORECAST PERIOD	PAST RECORD	
	FORECAST %			THOUSAND ACRE FEET	
	Thousand Acre Feet	Percent of Average ±		Last Year	Average †
WEBER-OGDEN RIVERS					
Weber nr Oakley	95	102	May-June	146	93
Rockport Reservoir Inflow 1/	97	101	May-June	168	96
Chalk Creek at Coalville	29	100	May-June	67	29
Weber nr Coalville 1/	101	103	May-June	173	98
Lost Creek nr Croydon, UT 1/	14.3	128	May-June	30	11.2 ^a
East Canyon Creek nr Morgan 1/	22	135	May-June	45	16.3
Hardscrabble Crk nr Porterville	16.6	118	May-June	--	14.1 ^a
S. Fork Ogden nr Huntsville 1/	33	80	May-June	90	41 ^a
Pineview Reservoir Inflow 1/	63	85	May-June	239	74 ^a
Echo Reservoir Inflow 2/	121	101	May-June	197	120
Weber at Gateway 1/	247	110	May-June	506	224
JORDAN RIVER & SALT LAKE					
Farmington Crk nr Farmington	6.9	103	May-July	--	6.7 ^b

SUMMARY of SNOW MEASUREMENTS (COMPARISON WITH PREVIOUS YEARS)

RIVER BASIN and/or SUB-WATERSHED	Number of Courses Averaged	THIS YEAR AS A PERCENT OF	
		Last Year	Average †
		OGDEN RIVER	5
WEBER RIVER	13	58	84

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

RESERVOIR STORAGE (Thousand Acre Foot)

BASIN OR STREAM	RESERVOIR	Usable Capacity	USEABLE STORAGE		
			This Year	Last Year	Average †
OGDEN	Causey	6.9	1.1	0.8	2.6 ^b
	Pineview	110.1	96.6	53.8	76.6
WEBER	East Canyon	48.1	37.0	27.9	41.5 ^b
	Echo	73.9	57.4	31.1	54.2
	Lost Creek	20.0	14.4	7.7	14.3 ^b
	Rockport	60.9	44.0	25.7	36.8
	Willard Bay	193.3	155.0	135.8	168.0 ^b

PEAK FLOWS^e

FORECAST POINT	PEAK FLOW (SECOND FEET)	
	Forecast Range %	Average †
South Fork Ogden nr Huntsville	535-1005	763
Chalk Creek nr Coalville	565-810	510
Weber nr Oakley	1130-2055	1540

SNOW

DRAINAGE BASIN and/or SNOW COURSE	THIS YEAR			PAST RECORD	
	Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Water Content (Inches)	
				Last Year	Average †
Beaver Creek R.S.	4/26	0	0.0	5.2	1.7
Beaver Creek-Skunk Creek	4/25	1	0.4	11.5	6.1
Ben Lomond Peak	4/25	68	31.1	70.7	38.2
Ben Lomond Trail	4/25	19	7.9	24.5	8.1 ^a
Chalk Creek #1	4/26	55	23.9	29.0	24.4
Chalk Creek #2	4/26	28	10.8	17.9	14.2
Chalk Creek #3	4/26	1	0.2	6.3	2.9
Dry Bread Pond	4/25	30	12.0	25.1	18.2
Farmington Upper	4/25	72	30.3	44.9	32.9

SNOW

DRAINAGE BASIN and/or SNOW COURSE	THIS YEAR			PAST RECORD	
	Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Water Content (Inches)	
				Last Year	Average †
Horse Ridge	4/25	34	14.9	26.7	20.7 ^b
Lost Creek Reservoir	4/25	0	0.0	0.0	0.0 ^b
Monte Cristo	4/25	51	20.1	29.8	26.8
Parleys Canyon Summit	4/29	26	10.7	26.6	13.8
Sagebrush Flat	4/25	0	0.0	0.0	0.0
Smith & Morehouse	4/26	12	4.4	14.1	9.1
Trial Lake	4/26	54	23.2	31.7 ^a	26.1

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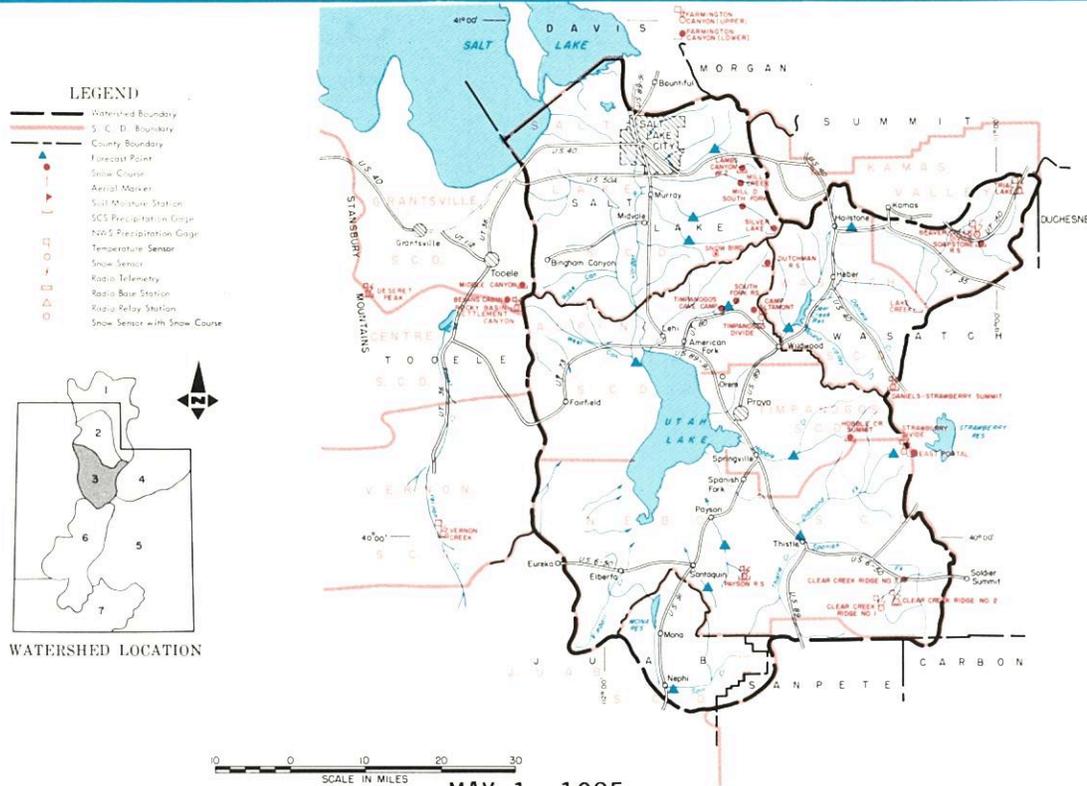
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"The Conservation of Water begins with the Snow Survey"

WATER SUPPLY OUTLOOK

UTAH LAKE, JORDAN RIVER and TOOELE VALLEY WATERSHEDS in UTAH

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



MAY 1, 1985
THE WATER SUPPLY OUTLOOK IS NEAR TO ABOVE AVERAGE

SNOW COVER following a drier and warmer than normal April now ranges from 55% of the May 1 average for the Tooele Valley and Vernon Creek watersheds to 78% for the Jordan River watersheds from Little Cottonwood to Parley's Creek. The Provo River is at 62% and the whole Utah Lake drainag is at 64%.

PRECIPITATION at mountain stations ranged from 43% of the April average at Rocky Basin-Settlement to 95% at Daniels-Strawberry Summit.

SOIL MOISTURE is above average.

RESERVOIR STORAGE is above average. The new Strawberry Reservoir, formed by the merging of the old Strawberry Reservoir and Soldier Creek Reservoir, is now past the half way point in filling. Utah Lake is 3.42 feet above compromise and Great Salt Lake is 4,209.90 feet above sea level.

STREAMFLOW FORECASTS for the May-July forecast period have decreased compared to April-July forecasts because of the heavy April runoff caused by early snowmelt and because of less than average April precipitation. Forecasts now range from 90% for City Creek to 151% for Utah Lake Inflow. The Provo is forecast 93% at Hailstone and 98% below Deer Creek Dam. Other streams flowing into Utah Lake range from 91% to 129%. The six creeks along the Salt Lake Front range from 90% to 124% and Tooele Valley streams range from 112% to 129%. Many streams have already peaked but problems could still occur on Big and Little Cottonwood and around Utah Lake and Great Salt Lake. Property owners with property near these channels or lake shores should take continued precautions to secure their property. All water users should have adequate water supplies this season.

UTAH LAKE, JORDAN RIVER AND TOOEE VALLEY WATERSHEDS IN UTAH

STREAMFLOW FORECASTS

BASIN, STREAM and/or FORECAST POINT	THIS YEAR			PAST RECORD	
	FORECAST		FORECAST PERIOD	THOUSAND ACRE FEET	
	Thousand Acre Feet	Percent of Average		Last Year	Average
PROVO RIVER AND UTAH LAKE					
Provo nr Hailstone 1/	87	93	May-July	161	94
Provo below Deer Creek Dam 1/	95	98	May-July	--	96
American Fork nr American Fork	32	113	May-July	50	28
Hobble Creek nr Springville	15.5	117	May-July	--	13.3
Strawberry Reservoir Inflow	55	127	May-July	81	43
Spanish Fork at Thistle	40	129	May-July	--	28
Payson Creek nr Payson	4.0	91	May-July	--	4.4
Utah Lake Inflow	250	151	May-July	--	166
JORDAN RIVER & SALT LAKE					
Little Cottonwood Crk nr SLC	36	100	May-July	58	36
Big Cottonwood nr SLC	41	124	May-July	54	33
Parley's Creek nr SLC	13.0	116	May-July	31	11.3
Mill Creek nr SLC	6.3	124	May-July	13	5.0
Emigration Creek nr SLC	2.3	92	May-July	8.5	2.5
City Creek nr SLC	6.0	90	May-July	16.1	6.6
TOOELE VALLEY					
Settlement Crk nr Tooele	2.7	129	May-July	--	2.1 ^b
S. Willow Crk nr Grantsville	3.4	126	May-July	5.9	2.7 ^b
Vernon Creek nr Vernon	0.6	112	May-June	2.2	0.5 ^b

SUMMARY of SNOW MEASUREMENTS (COMPARISON WITH PREVIOUS YEARS)

RIVER BASIN and/or SUB-WATERSHED	Number of Courses Averaged	THIS YEAR AS A PERCENT OF	
		Last Year	Average
UTAH LAKE	9	38	64
PROVO RIVER	4	43	62
JORDAN RIVER & SALT LAKE	6	57	78
TOOELE VALLEY & VERNON CREEK	5	24	55

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

RESERVOIR STORAGE (Thousand Acre Foot)

BASIN OR STREAM	RESERVOIR	Usable Capacity	USEABLE STORAGE		
			This Year	Last Year	Average
UTAH LAKE	Strawberry (Enlarged)	951.4	479.5	--	--
	Utah Lake	883.9	1224.2	1287.9	766.8
	Settlement Creek	1.0	0.7	--	--
	Vernon Creek	0.6	0.6	0.6	0.6 ^b
PROVO	Deer Creek	149.7	143.1	121.2	106.9

PEAK FLOWS^e

FORECAST POINT	PEAK FLOW (SECOND FEET)	
	Forecast Range	Average
Big Cottonwood nr Salt Lake City	400-600	442
Little Cottonwood nr Salt Lake City	400-500	384
Provo Near Hailstone	1250-1900	2128
Spanish Fork nr Thistle	550-850	451 ^b
American Fork nr American Fork	250-450	329
Mill Creek nr Salt Lake City	65-100	59
Parley's Creek nr Salt Lake City	180-280	153
City Creek nr Salt Lake City	65-120	75
Emigration	40-65	--

SNOW

DRAINAGE BASIN and/or SNOW COURSE	THIS YEAR			PAST RECORD	
	Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Water Content (Inches)	
				Last Year	Average
Bevans Cabin	4/30	7	3.3	26.9	4.8
Clear Creek #1	4/27	36	14.5	27.1	17.7
Clear Creek #2	4/27	17	7.8	18.6	10.5
Clear Creek #3	4/27	0	0.0	0.9	0.1
Daniels-Strawberry Summit	4/27	13	6.0	16.5	9.6
Deseret Peak	4/30	32	12.7	43.3	27.0 ^a
Hobble Creek Summit	4/27	4	1.7	18.3	7.9
Lambs Canyon #2	4/29	10	4.3	21.9	9.8 ^a
Middle Canyon	4/30	4	1.7	29.7	9.3
Mill Creek	4/30	42	17.5	28.1	21.1 ^a

SNOW

DRAINAGE BASIN and/or SNOW COURSE	THIS YEAR			PAST RECORD	
	Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Water Content (Inches)	
				Last Year	Average
Mill D South Fork	4/30	17	7.2	25.5	15.1
Parley's Canyon Summit	4/29	26	10.7	26.6	13.8
Payson R.S.	4/24	23	9.9	31.4	15.5
Rocky Basin-Settlement Canyon	4/30	54	23.4	55.8	30.0
Silver Lake Brighton	4/30	42	22.2	32.9	28.3
Soapstone R.S.	4/26	4	1.4	12.9	7.1
Timpanogos Divide	5/1	--	7.1 ^a	22.1 ^a	22.6
Trial Lake	4/26	54	23.2	31.7 ^a	26.1
Vernon Creek	4/29	0	0.0	17.6 ^a	4.3 ^a

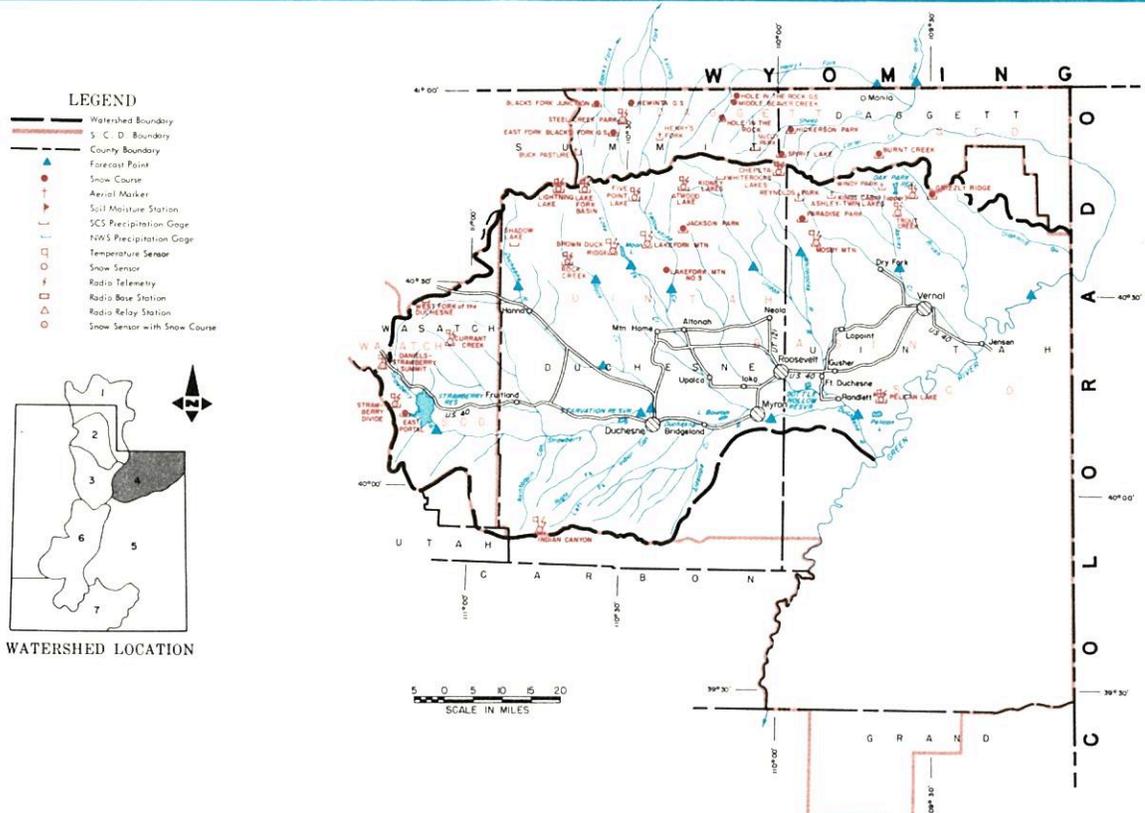
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WATER SUPPLY OUTLOOK

UINTAH BASIN and DAGGETT SCD's in UTAH

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



THE WATER SUPPLY OUTLOOK IS NEAR AVERAGE

SNOW COVER as a percent of average dropped from 16 to 50% during April as a result of below normal precipitation and higher than normal temperatures producing early melt. The Duchesne now stands at 74%, Strawberry River 61%, Ashley Creek 50%, Black's Fork 73%, and Sheep Creek 64% of the May 1 average.

PRECIPITATION at mountain stations during April with few exceptions was well below normal with a range from 33% at Paradise Park to 104% at Rock Creek Ranch.

SOIL MOISTURE is above average.

RESERVOIR STORAGE is above average for all reservoirs with averages. The new Strawberry Reservoir, formed by the merging of the old Strawberry Reservoir and Soldier Creek Reservoir, is now past the half way point in filling.

STREAMFLOW FORECASTS range from 76% of the may-July average for Flaming Gorge Inflow to 140% of the May-September average for Henry's Fork. The Duchesne is forecast 104% near Tabiona, 105% at Duchesne, 130% at Myton, 136% at Randlett, and the West Fork is forecast at 110%. The Strawberry River is forecast 121% at Duchesne, Currant Creek 111%, Rock Creek 107%, Lakefork 101%, Yellowstone 106%, Whiterocks 118% and Uinta 120%. Black's Fork is forecast 109% and Ashley Creek 122%.

Peak flows are forecast near average and all users are expected to have an adequate water supply this season.

UINTAH BASIN AND DAGGETT SCD's IN UTAH

STREAMFLOW FORECASTS

BASIN, STREAM and/or FORECAST POINT	THIS YEAR		FORECAST PERIOD	PAST RECORD	
	FORECAST			THOUSAND ACRE FEET	
	Thousand Acre Feet	Percent of Average		Last Year	Average
DUCHESNE RIVER					
Duchesne nr Tabiona 1/	100	104	May-July	134	96
Duchesne at Duchesne 1/	185	105	May-July	248	175
Strawberry at Duchesne	58	121	May-July	141	48
Rock Creek nr Mtn. Home	94	107	May-July	112	88
Currant Creek nr Fruitland	18.5	111	May-July	47	16.6
Lakefork below Moon Lake 1/	68	101	May-July	77	67
Yellowstone nr Altonah	65	106	May-July	64	61
Duchesne at Myton 1/	242	130	May-July	314	186
Whiterocks nr Whiterock	66	118	May-July	56	56
Uintah nr Neola	97	120	May-July	--	81
Duchesne at Randlett 1/	314	136	May-July	389	231
West Fork Duchesne at Hanna	27	110	May-July	--	24
FLAMING GORGE TO DUCHESNE RIVER					
Henry's Fork nr Manila	60	140	May-Sept	85	43
Black's Fork nr Millburne	95	109	May-July	121	87
Flaming Gorge Inflow 1/	820	76	May-July	--	1080
Ashley Creek nr Vernal	60	122	May-July	61	49

SUMMARY of SNOW MEASUREMENTS (COMPARISON WITH PREVIOUS YEARS)

RIVER BASIN and/or SUB-WATERSHED	Number of Courses Averaged	THIS YEAR AS A PERCENT OF	
		Last Year	Average
DUCHESNE RIVER - TOTAL	12	60	74
LAKEFORK-YELLOWSTONE CREEKS	4	78	85
STRAWBERRY RIVER	5	37	61
UINTAH - WHITEROCKS RIVERS	3	77	77
ASHLEY CREEK	3	40	50
BLACK'S FORK	3	56	73
SHEEP CREEK	3	42	64

1 - Observed flow corrected for change in storage and diversions
 2 - Inflow record as computed by U. S. Bureau of Reclamation
 3 - Provisional flows - Subject to Correction
 a - Partly estimated
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 e - Maximum mean daily peak flow
 + - 1961-80 20 year Average Period
 * - Forecast in cooperation with National Weather Service

RESERVOIR STORAGE (Thousand Acre Feet)

BASIN OR STREAM	RESERVOIR	Usable Capacity	USEABLE STORAGE		
			This Year	Last Year	Average
			ASHLEY CREEK	Red Fleet	26.0
	Steinaker	33.3	30.6	25.7	23.0 ^b
GREEN RIVER	Flaming Gorge	3749.0	3108.7	3067.4	--
LAKE FORK	Moon Lake	35.8	30.8	30.0	18.1
STRAWBERRY	Currant Creek	15.5	11.9	4.9	--
	Starvation	165.3	154.4	128.2	113.5 ^b
	Strawberry (Enlg)	951.4	479.5	--	--
UINTAH	Bottle Hollow	11.3	11.3	11.3	10.6 ^b

PEAK FLOWS

FORECAST POINT	PEAK FLOW (SECOND FEET)	
	Forecast Range	Average
Strawberry at Duchesne	465-885	675
Ashley Creek nr Vernal	750-1250	966
Rock Creek nr. Mtn. Home	1245-1730	1415

SNOW

DRAINAGE BASIN and/or SNOW COURSE	THIS YEAR			PAST RECORD	
	Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Water Content (Inches)	
				Last Year	Average
Brown Duck Ridge	4/26	64	21.9	24.6	20.6 ^a
Burnt Creek	4/25	2	0.4	5.4	2.6 ^a
Currant Creek	4/27	0	0.0	4.5	2.5 ^b
Daniels-Strawberry	4/27	13	6.0	16.5	9.6
Grizzly Ridge	4/25	19	5.8	11.8	9.3 ^a
Hewinta G. S.	4/26	25	7.1	13.6	10.1
Hickerson Park	4/26	29	3.8	13.3	6.1 ^b
Jackson Park	4/26	30	10.2	14.8	15.9 ^a
Kings Cabin Upper	4/26	6	1.6	12.2	10.2

SNOW

DRAINAGE BASIN and/or SNOW COURSE	THIS YEAR			PAST RECORD	
	Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Water Content (Inches)	
				Last Year	Average
Lakefork Mountain	4/26	29	9.3	12.6	12.1
Mosby Mountain	4/26	25	8.5	9.9	10.5
Paradise Park	4/26	30	11.4	14.3	14.8
Rock Creek Ranch	4/26	0	0.0	0.0	1.3 ^b
Spirit Lake	4/26	51	11.4	18.2	15.6 ^b
Steel Creek Park	4/26	58	16.6	22.5	18.5 ^b
Strawberry Divide	5/1	27	12.2	23.9	12.8 ^a
Trout Creek	4/26	22	7.0	12.1	9.5 ^a

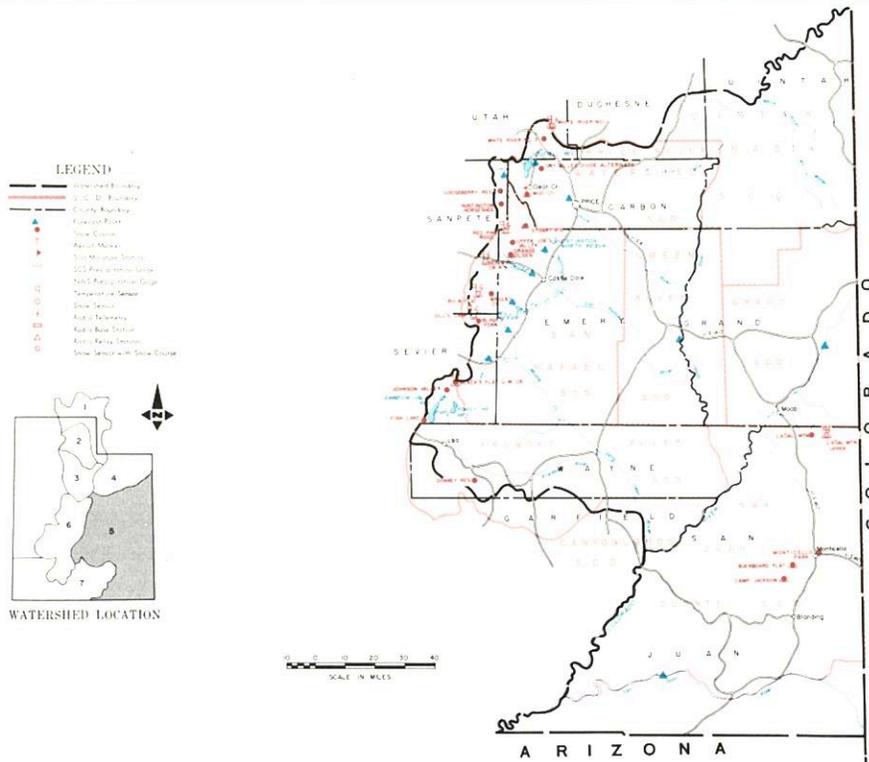
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WATER SUPPLY OUTLOOK

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

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



MAY 1, 1985

THE WATER SUPPLY OUTLOOK IS NEAR TO ABOVE AVERAGE

SNOW COVER as a percent of average showed decreases ranging from 8 to 58% during April as a result of an exceptionally early melt. Measurements of May 1 snowpack show the Price at 57%, San Rafael at 78%, Fremont at 56%, Lasal Mountains at 61%, Blue Mountains at 95%, and Muddy River at 39% of average.

PRECIPITATION at mountain stations during April was quite variable ranging from 87% at Mud Creek on the Price River to 229% at Lasal Mtn. Upper. Most sites on the Price, San Rafael, Muddy, and Fremont were near normal. The Blues and Lasals, however, caught over two times normal precipitation for the month.

SOIL MOISTURE is above average.

RESERVOIR STORAGE is above average on all reservoirs but Huntington North.

STREAMFLOW FORECASTS now range from 90% of the May-July average for the Green River at Green River to 166% for Navajo Reservoir Inflow on the San Juan River. The Price River is forecast 143% at Heiner, Gooseberry Creek 125%, and Scofield Inflow 106%. The tributaries to the San Rafael are forecast as follows: Huntington Creek 136%, Cottonwood Creek 132%, and Ferron Creek 129%. The Dirty Devil Tributaries are forecast 114% for Muddy Creek and 97% for Seven Mile Creek near Fish Lake. Mill Creek near Moab is forecast 103%. The Colorado near Cisco is forecast 141% and the San Juan near Bluff 161% of the May-July average. All water users are expected to have adequate water supplies this season.

CARBON, EMERY, WAYNE, GRAND AND SAN JUAN COUNTIES IN UTAH

STREAMFLOW FORECASTS

BASIN, STREAM and/or FORECAST POINT	THIS YEAR			PAST RECORD	
	FORECAST		FORECAST PERIOD	THOUSAND ACRE FEET	
	Thousand Acre Feet	Percent of Average		Last Year	Average
PRICE RIVER					
Gooseberry Crk nr Scofield	12.5	125	May-July	--	10.0
Scofield Reservoir Inflow	40	106	May-July	--	33
Price nr Heiner 1/	80	143	May-July	--	56
SAN RAFAEL RIVER					
Huntington Crk nr Huntington	60	136	May-July	--	43 ^b
Cottonwood Crk nr Orangeville	57	132	May-July	159	43 ^b
Ferron Creek nr Ferron	44	129	May-July	77	34
MUDDY CREEK					
Muddy Creek nr Emery	21	114	May-July	44	16.8
UPPER COLORADO BASIN					
Colorado nr Cisco, UT	3730	141	May-July	--	2638
Green at Green River, UT	2335	90	May-July	--	2594
Mill Creek nr Moab	4.8	103	May-July	17.4	4.7 ^b
Navajo Reservoir Inflow	960	166	May-July	--	540
San Juan nr Bluff, UT	1280	161	May-July	--	793
FREMONT RIVER					
Seven Mile Crk nr Fish Lake	5.6	97	May-July	14.7	5.8 ^b

SUMMARY of SNOW MEASUREMENTS (COMPARISON WITH PREVIOUS YEARS)

RIVER BASIN and/or SUB-WATERSHED	Number of Courses Averaged	THIS YEAR AS A PERCENT OF	
		Last Year	Average
PRICE RIVER	4	30	57
SAN RAFAEL RIVER	7	42	78
FREMONT RIVER	3	19	56
LASAL MOUNTAINS	2	34	61
BLUE MOUNTAINS	2	99	95
MUDDY RIVER	2	24	39

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

RESERVOIR STORAGE (Thousand Acre Feet)

BASIN OR STREAM	RESERVOIR	Usable Capacity	USEABLE STORAGE		
			This Year	Last Year	Average
PRICE RIVER	Scofield	65.8	56.4	28.0	36.6
SAN RAFAEL	Huntington North	3.9	3.0	3.6	3.9 ^b
	Joe's Valley	54.6	48.1	25.5	46.8 ^b
	Mill Site	16.7	16.7	14.6	6.3 ^b
SAN JUAN	Navajo	1696.0	1500.0	1370.0	--
	Kens Lake	2.3	2.3	1.2	--

PEAK FLOWS

FORECAST POINT	PEAK FLOW (SECOND FEET)	
	Forecast Range	Average
Ferron Creek near Ferron	385-545	444
Muddy Creek near Emery	220-285	168
Huntington Cr. near Huntington	700-900	516 ^b

SNOW

DRAINAGE BASIN and/or SNOW COURSE	THIS YEAR			PAST RECORD	
	Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Water Content (Inches)	
				Last Year	Average
Buck Flat	4/26	34	11.2	30.2	16.6
Buckboard Flat	5/1	26	9.1	9.1	8.4
Camp Jackson	5/1	17	5.8	6.0	7.3
Dills Camp	4/26	12	4.1	16.5	10.9
Dry Valley Divide Alternate	4/27	3	0.9	12.3	4.5 ^a
Huntington-Horseshoe	4/26	64	25.9	40.6	27.6 ^a
Indian Canyon	4/27	24	6.7	11.7	11.1
LaSal Mtn. Upper	5/1	32	11.7	21.2	14.2
Mammoth-Cottonwood R.S.	4/27	44	19.9	32.6	19.9

SNOW

DRAINAGE BASIN and/or SNOW COURSE	THIS YEAR			PAST RECORD	
	Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Water Content (Inches)	
				Last Year	Average
Monticello City Park					
Mud Creek	4/27	19	5.9	17.0	8.3
Red Pine Ridge	4/27	29	12.1	29.1	15.3
Seeley Creek	4/27	49	18.7	39.2	18.0
Stuart R.S.	4/27	1	0.4	5.0	1.8
Upper Joe's Valley	4/27	5	1.9	13.3	6.2
White River #1	4/27	20	7.3	16.3	10.5
White River #3	4/27	0	0.0	0.7	0.7 ^b
Wrigley Creek	4/26	10	2.1	14.7	8.9

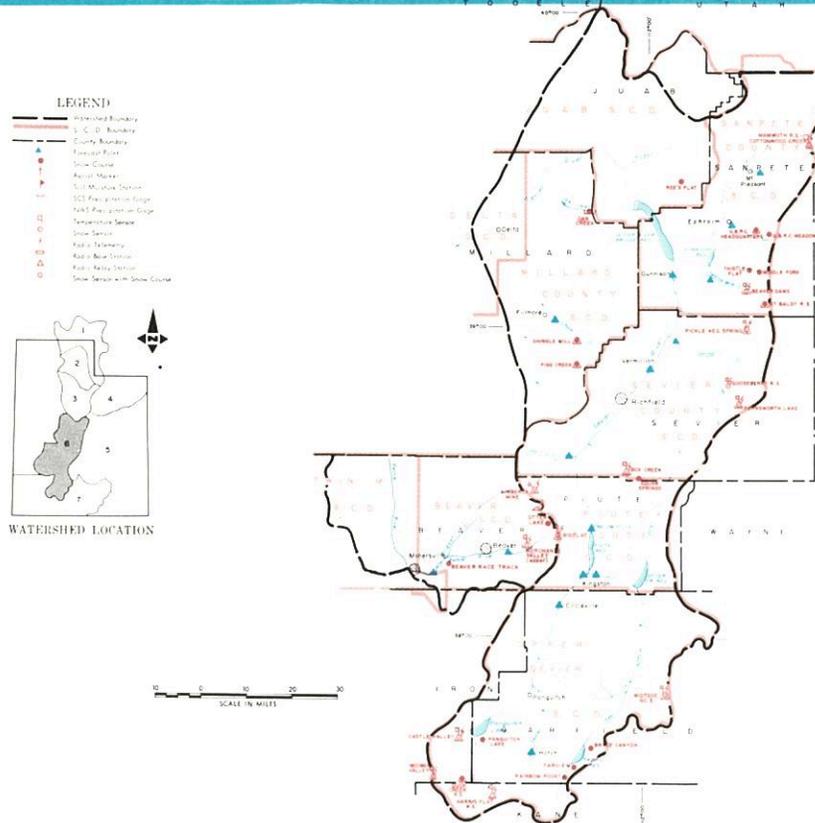
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WATER SUPPLY OUTLOOK

SEVIER RIVER BASIN including BEAVER RIVER in UTAH

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



MAY 1, 1985

THE WATER SUPPLY OUTLOOK IS NEAR TO ABOVE AVERAGE

SNOW COVER on the Sevier, despite generally above normal precipitation during April, dropped from 5% on the East Fork to 18% on the Lower Sevier compared to April 1 measurements because of above normal temperatures and early melt. The Beaver River, however, increased by 18%. The Sevier now ranges from 81% on the Lower Sevier to 90% on the East Fork. The Beaver River is at 115% of the May 1 average.

PRECIPITATION for most sites was above average during April ranging from 76% at Oak Creek to 199% at Box Creek.

SOIL MOISTURE is above average.

RESERVOIR STORAGE is well above average with all reservoirs reported full except Sevier Bridge which is only slightly below capacity but expected to fill.

STREAMFLOW FORECASTS now range from 90% of the May-July average on Ephriam Creek to 395% for the Sigurd to Gunnison reach of the Sevier River. Other forecasts on the Sevier are: Sevier at Hatch 121%, Circleville 133%, Kingston 154%, East Fork 104%, below Piute Dam 138% and near Gunnison 242%. Antimony Creek is forecast 111%, Clear Creek 123%, Salina Creek 131% and Pleasant Creek 114%. Chalk Creek near Fillmore is forecast 106%, Chicken Creek 104%, Oak Creek 91%, and Salt Creek 101%. The Beaver River is forecast as follows: 111% at Beaver, 113% for North Creeks (combined), and 136% for Minersville Inflow. All water users are expected to have adequate water supplies this season.

SEVIER RIVER BASIN INCLUDING BEAVER RIVER IN UTAH

STREAMFLOW FORECASTS

BASIN, STREAM and/or FORECAST POINT	THIS YEAR		FORECAST PERIOD	PAST RECORD	
	FORECAST			THOUSAND ACRE FEET	
	Thousand Acre Feet	Percent of Average		Last Year	Average
SEVIER RIVER					
Sevier at Hatch	50	121	May-July	39	42
Sevier nr Circleville	40	133	May-July	--	30
Sevier nr Kingston	34	154	May-July	--	22
Antimony Crk nr Antimony	10.0	111	May-July	--	5.7
East Fork Sevier nr Kingston	13.0	104	May-July	--	12.5
Sevier below Piute Dam	46	138	May-July	--	33
Clear Crk nr Sevier (abv Div)	20	123	May-July	--	16.2
Sigurd to Gunnison	65	342	May-July	--	16.6
Kingston to Vermillion Dam	45	161	May-June	--	28
Vermillion Dam to Gunnison	85	395	May-June	--	19.0
Salina Creek at Salina	14.7	131	May-June	--	10.8
Sevier nr Gunnison	100	242	May-July	--	41
Chalk Creek nr Fillmore	14.0	106	May-July	--	13.2 ^b
Chicken Creek nr Levan	2.9	104	May-July	21	2.8 ^b
Oak Cr. nr Oak City	1.0	91	May-July	2.6	1.1 ^b
Ephraim Creek nr Ephraim	7.5	90	May-July	--	8.3
Pleasant Crk nr Mt. Pleasant	9.0	114	May-July	--	7.9
Salt Creek nr. Nephi	10.9	101	May-July	--	10.8
Beaver nr Beaver	23	111	May-July	47	21
North Creek (Combined)	14.4	113	May-July	--	12.7 ^a
Minersville Inflow	10.5	136	May-June	--	7.7

SUMMARY of SNOW MEASUREMENTS (COMPARISON WITH PREVIOUS YEARS)

RIVER BASIN and/or SUB-WATERSHED	Number of Courses Averaged	THIS YEAR AS A PERCENT OF	
		Last Year	Average
UPPER SEVIER RIVER	11	71	88
East Fork Sevier	4	57	90
South Fork Sevier	7	79	87
LOWER SEVIER	12	36	81
BEAVER RIVER	3	65	115

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

RESERVOIR STORAGE (Thousand Acre Feet)

BASIN OR STREAM	RESERVOIR	Usable Capacity	USEABLE STORAGE		
			This Year	Last Year	Average
SEVIER RIVER	Gunnison	18.2	18.2	13.8	14.9 ^b
	Otter Creek	52.5	52.7	48.9	39.5
	Piute	71.8	71.8	58.6	44.7
	Sevier Bridge	236.0	225.4	212.1	136.0
	Panguitch Lake	22.3	22.3	21.7	--
BEAVER RIVER	Minersville (Rky Fd)	26.0	26.0	21.1	14.6

PEAK FLOWS

FORECAST POINT	PEAK FLOW (SECOND FEET)	
	Forecast Range	Average
Beaver River nr Beaver	160-425	257
Sevier River at Hatch	500-700	484
Sevier River nr Kingston	400-600	312
Clear Creek nr Sevier	250-400	226
Salina Creek nr Salina	300-550	285

SNOW

DRAINAGE BASIN and/or SNOW COURSE	THIS YEAR			PAST RECORD	
	Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Water Content (Inches)	
				Last Year	Average
Big Flat	4/24	70	23.8	32.8	20.2
Bryce Canyon	4/26	0	0.9	0.0	0.8 ^a
Castle Valley	4/24	16	6.8	12.5	7.7
Duck Creek	4/25	13	5.6	0.1	9.2
Farnsworth Lake	4/26	76	21.1	39.8	22.1
Gooseberry R.S.	4/26	28	5.4	25.4	9.4
Harris Flat	4/25	0	0.0	0.0	2.9
Kimberly Mine	4/24	49	17.8	33.0	16.2

SNOW

DRAINAGE BASIN and/or SNOW COURSE	THIS YEAR			PAST RECORD	
	Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Water Content (Inches)	
				Last Year	Average
Long Valley Junction	4/25	0	0.0	0.0	0.0 ^b
Merchants Valley Upper	4/24	28	10.3	18.0	7.6
Midway Valley	4/25	53	22.6	19.4	23.7
Oak Creek	4/24	13	4.8	21.9	7.5 ^a
Otter Lake	4/24	43	13.6	22.5	13.6
Pickle Keg Springs	4/26	33	9.3	35.4	11.2
Pine Creek	4/24	28	9.6	45.3	13.9
Widtsoe-Escalante #3	4/25	38	11.9	8.2	10.1

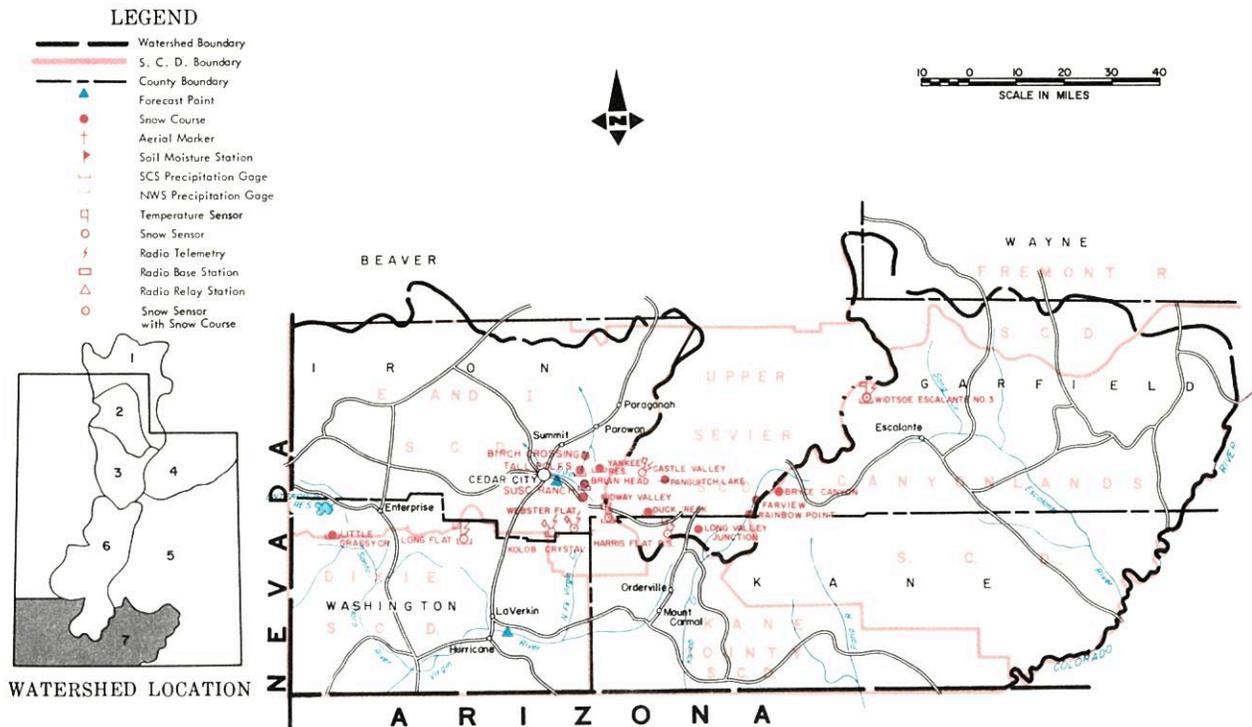
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WATER SUPPLY OUTLOOK

EAST GARFIELD, KANE, WASHINGTON and IRON COUNTIES in UTAH

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



THE WATER SUPPLY OUTLOOK IS BELOW TO NEAR AVERAGE

SNOW COVER as a percent of average on all basins except the Escalante dropped during April due to unseasonably high temperatures and resultant early melt. The Escalante is now at 118%, Coal Creek 73%, Virgin River 72%, Parowan Creek 66% and Enterprise-New Harmony 0% (both courses bare) of the May 1 average.

PRECIPITATION during April was greater than average ranging from 102% at Webster Flat to 184% at Tall Poles.

SOIL MOISTURE is above average on most of the higher elevations.

RESERVOIR STORAGE is reported at capacity in Baker Reservoir. Gunlock is reported about two feet from full. Water is being diverted from the Virgin River and Quail Creek Reservoir is starting to fill. Enterprise reservoirs are reported less than 1/2 full.

STREAMFLOW FORECASTS for the May-June (July) period decreased as a percent of average from the April-June (July) forecasts by 11 to 19 percent as a result of early melt and higher than expected April runoff. The Virgin near Hurricane is forecast 100% and the Santa Clara is forecast 68% of the May-June average. Coal Creek is forecast 96% for the May-July runoff period and Inflow to Lake Powell is forecast 127%. Water users are expected to have adequate water supplies with the exception of those relying on late season streamflow.

EAST GARFIELD, KANE, WASHINGTON AND IRON COUNTIES IN UTAH

STREAMFLOW FORECASTS

BASIN, STREAM and/or FORECAST POINT	THIS YEAR		FORECAST PERIOD	PAST RECORD	
	FORECAST	Percent of Average		THOUSAND ACRE FEET	
	Thousand Acre Feet			Last Year	Average
VIRGIN RIVER					
Virgin nr Hurricane	40	100	May-June	21	40
Santa Clara nr Pine Valley	2.8	68	May-June	--	4.1
COAL CREEK					
Coal Creek nr Cedar City	14.8	96	May-July	16.3	15.4
UPPER COLORADO					
Lake Powell Inflow	8250	127	May-July	--	6475

SUMMARY of SNOW MEASUREMENTS (COMPARISON WITH PREVIOUS YEARS)

RIVER BASIN and/or SUB-WATERSHED	Number of Courses Averaged	THIS YEAR AS A PERCENT OF	
		Last Year	Average
COAL CREEK	3	106	73
VIRGIN RIVER	5	104	72
PAROWAN CREEK	4	45	66
ENTERPRISE - NEW HARMONY	2	0	0
ESCALANTE RIVER	1	145	118

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

RESERVOIR STORAGE (Thousand Acre Foot)

BASIN OR STREAM	RESERVOIR	Usable Capacity	USEABLE STORAGE		
			This Year	Last Year	Average
COLORADO	Lake Powell	25002.0	22599.0	21067.0	--
	Blue Mesa	829.5	350.0	220.7	--

PEAK FLOWS^e

FORECAST POINT	PEAK FLOW (SECOND FEET)	
	Forecast Range	Average
Coal Creek nr Cedar City	250-400	220
Virgin nr Hurricane	650-1100	1092

SNOW

DRAINAGE BASIN and/or SNOW COURSE	THIS YEAR			PAST RECORD	
	Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Water Content (Inches)	
				Last Year	Average
Birch Crossing	4/30	0	0.0	4.6	2.1 ^b
Brian Head	4/24	46	17.7	29.1	22.5 ^b
Harris Flat	4/25	0	0.0	0.0	2.9
Kolob-Crystal	4/24	36	15.6	15.6	22.3 ^a
Little Grassy	4/24	0	0.0	0.0	0.2 ^b
Long Flat	4/24	0	0.0	0.1	1.8

SNOW

DRAINAGE BASIN and/or SNOW COURSE	THIS YEAR			PAST RECORD	
	Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Water Content (Inches)	
				Last Year	Average
Long Valley Junction	4/25	0	0.0	0.0	0.0 ^b
SUSC Ranch	4/30	0	0.0	0.0	3.2
Tall Poles	4/30	22	8.5	17.5	13.6 ^b
Webster Flat	4/25	18	8.6	10.1	16.0
Yankee Reservoir	4/24	8	3.4	14.2	6.9

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BASIN SUMMARY OF
SNOW COURSE DATA

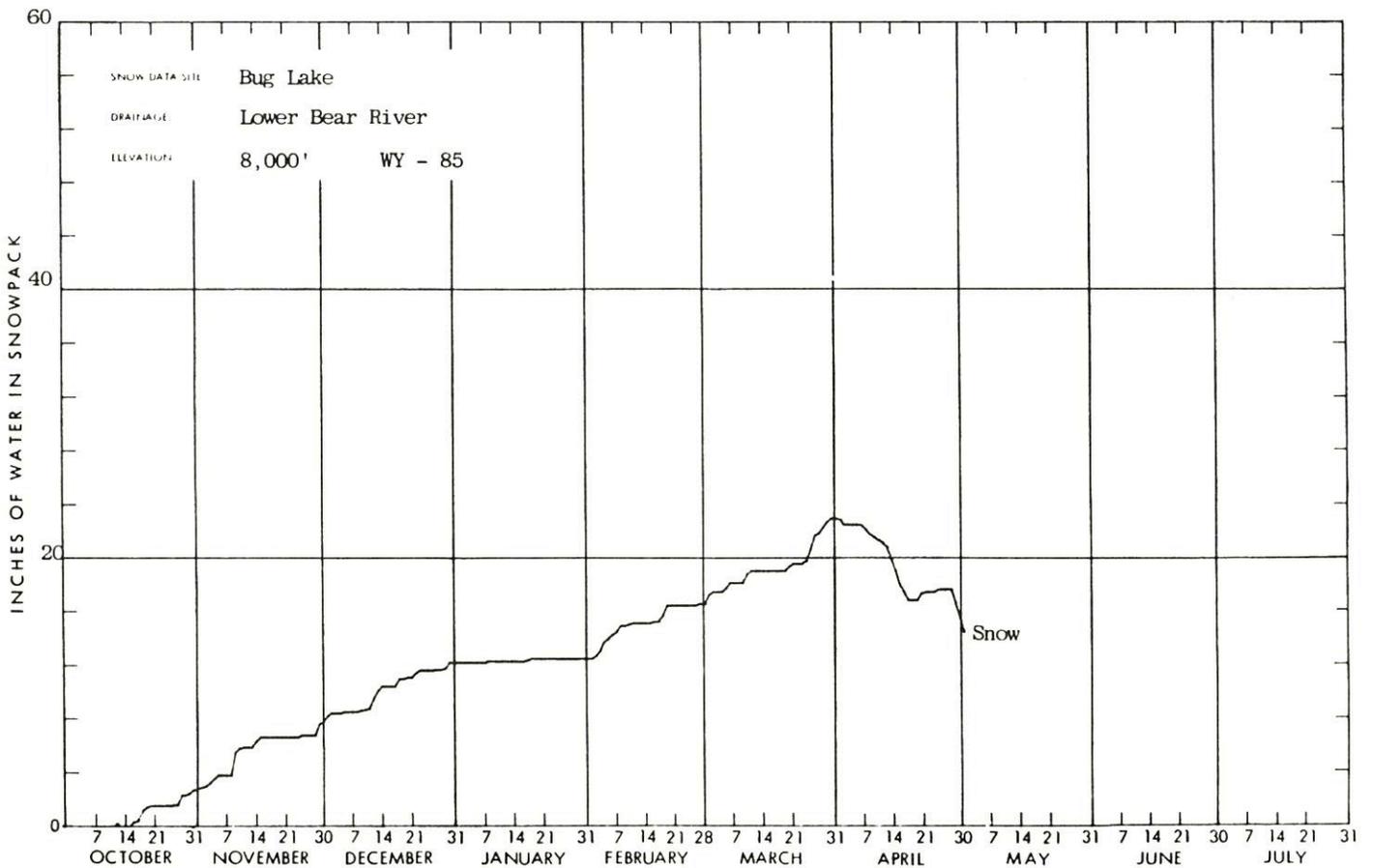
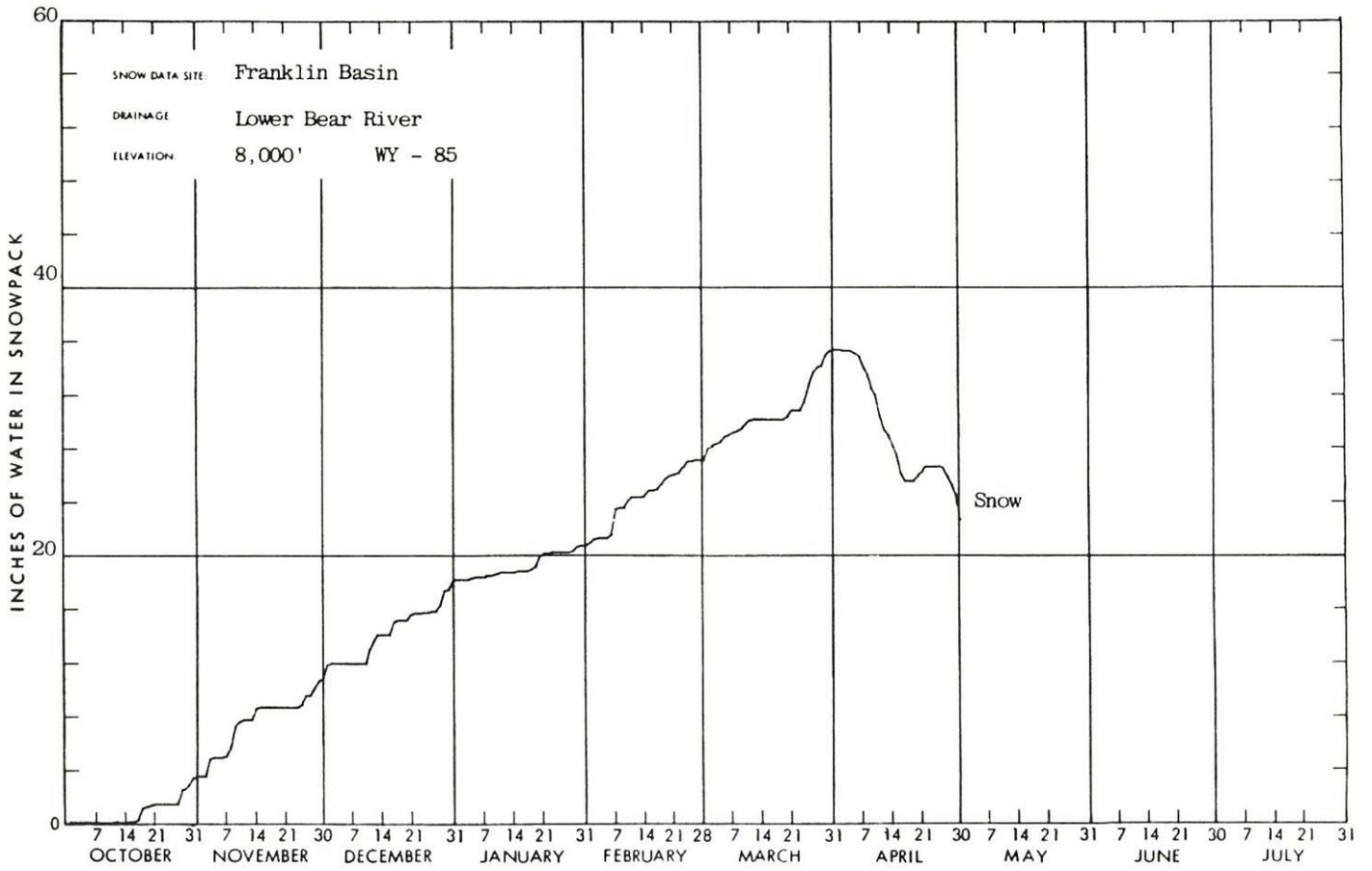
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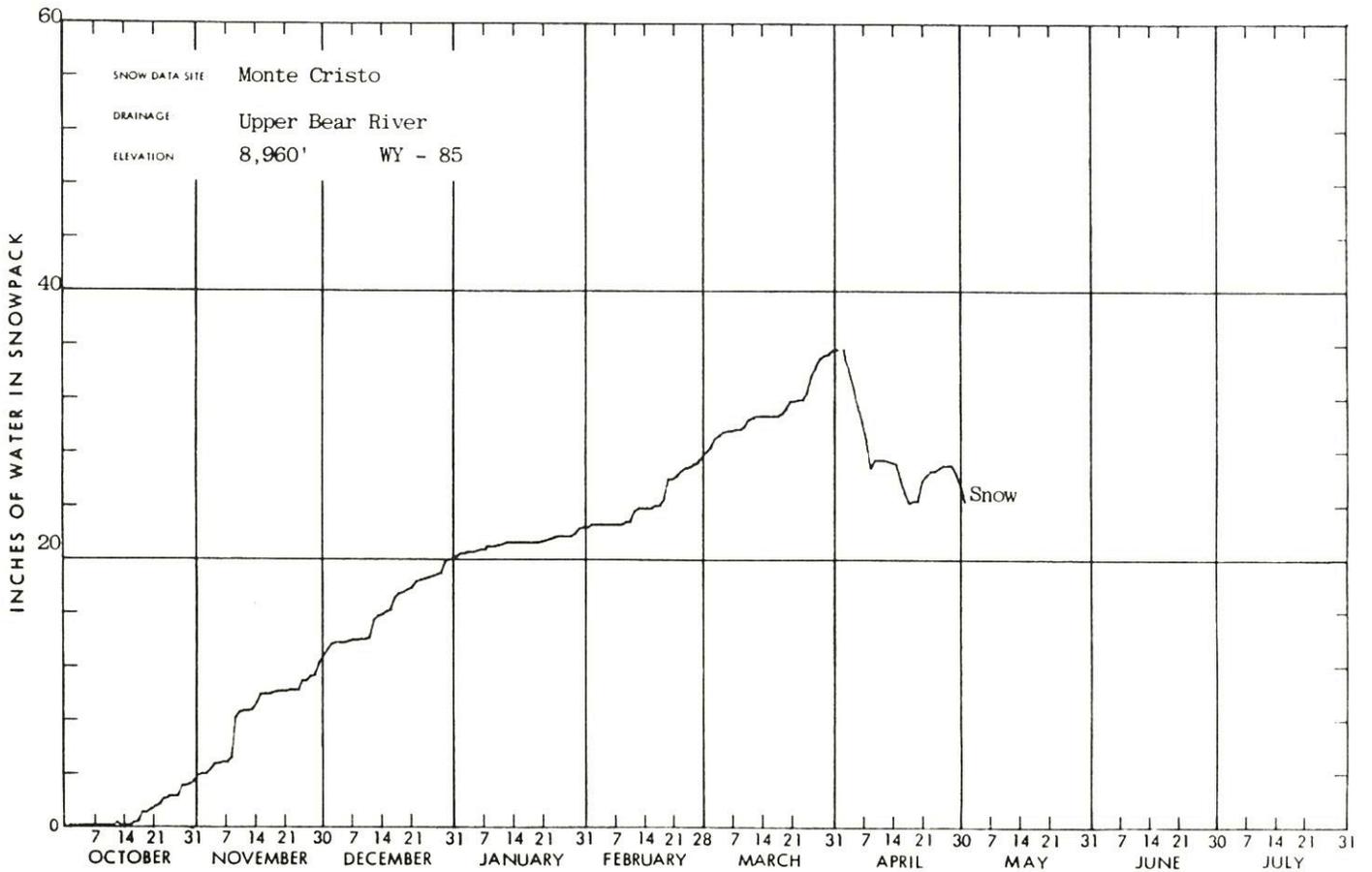
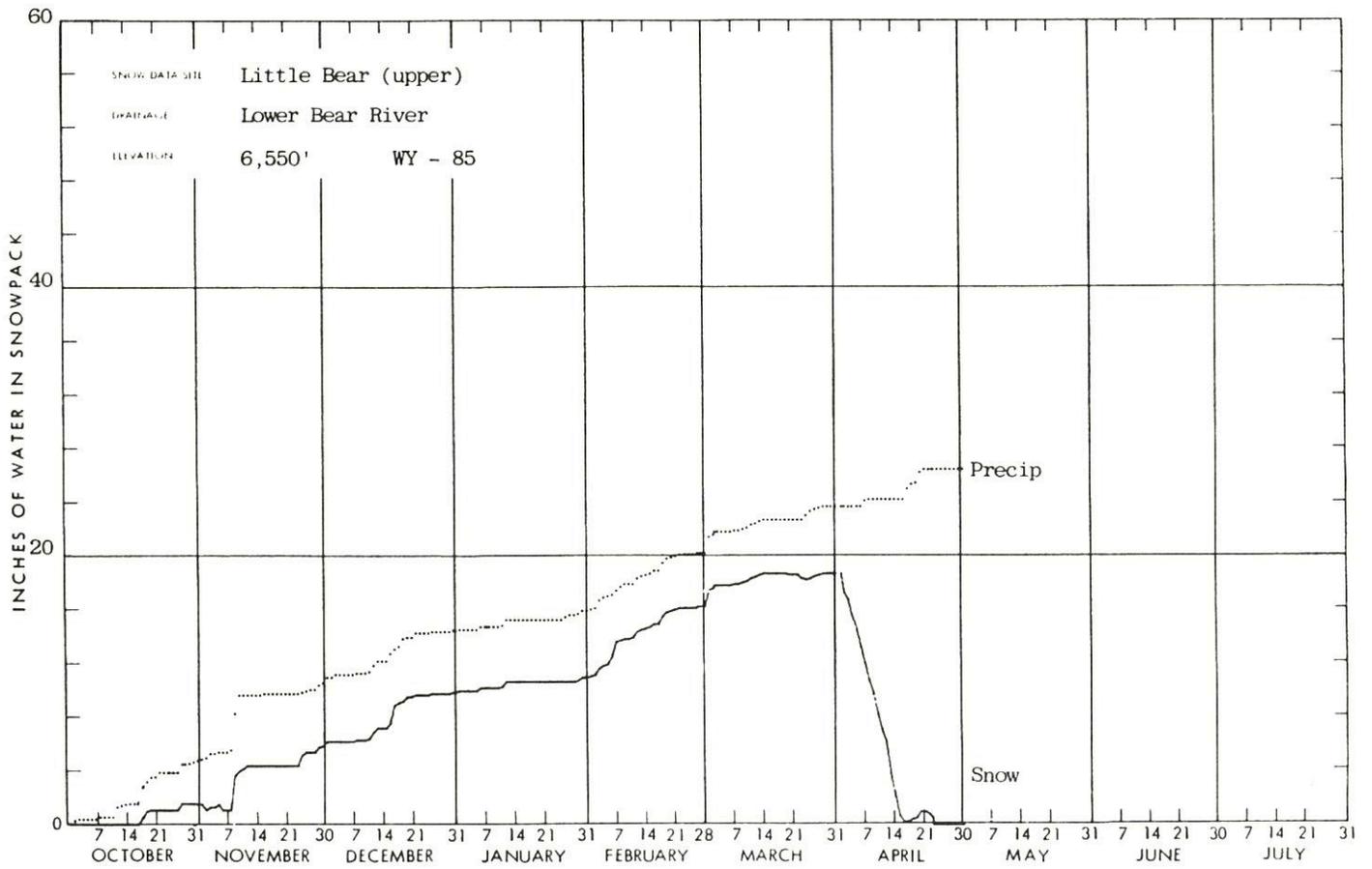
SNOW COURSE	ELEVATION	DATE	SNOW DEPTH	WATER CONTENT	LAST YEAR	AVERAGE 1961-80
BEAR RIVER, UPPER IN UTAH (above Harer, Idaho)						
BURT'S-MILLER RANCH	7900	4/26/85	2	.4	4.3	2.4
HAYDEN FORK	9400	4/26/85	30	10.7	18.2	16.2
MONTE CRISTO R.S.	8960	4/25/85	51	20.1	29.8	26.8
STILLWATER CAMP	8550	4/26/85	9	2.6	10.6	8.4
TRIAL LAKE	9960	4/26/85	54	23.2	31.7	26.1
BEAR RIVER, LOWER IN UTAH (below Harer, Idaho)						
BUG LAKE	7950	4/25/85	42	15.8	24.2	18.3
CUE RIVER R.S.	5450	4/25/85	0	.0	5.1	.1
FRANKLIN BASIN	8020	4/25/85	52	23.0	33.6	20.7
GARDEN CITY SUMMIT	7600	4/25/85	35	13.8	20.8	17.4
KLONDIKE NARROWS	7400	4/25/85	26	11.2	23.0	15.6
LITTLE BEAR (LOWER)	6000	4/25/85	0	.0	7.9	1.5
LITTLE BEAR (UPPER)	6550	4/25/85	0	.0	14.5	5.4
STEEP HOLLOW #1	8500	4/25/85	84	35.4	46.4	39.9
STEEP HOLLOW #2	7700	4/25/85	44	18.6	31.7	24.0
TONY GROVE LAKE	8400	4/25/85	69	29.5	42.8	35.1
TONY GROVE R.S.	6250	4/25/85	4	1.6	11.3	3.1
WILLOW FLAT	6100	4/25/85	0	.0	20.4	5.2
BEAR RIVER, UPPER (above Harer, Idaho)						
BIG PARK	8620	4/26/85	46	15.8	22.8	21.9
BURT'S-MILLER RANCH	7900	4/26/85	2	.4	4.3	2.4
COO CAMP	7000	4/25/85	10	4.0	13.2	9.0
HAYDEN FORK	9400	4/26/85	30	10.7	18.2	16.2
KELLEY RANGER STA.	8180	4/23/85	40	13.2	20.8	18.5
MONTE CRISTO R.S.	8960	4/25/85	51	20.1	29.8	26.8
POISON MEADOWS	8500	4/30/85	52	22.5	28.2	31.8
SALT RIVER SUMMIT	7700	4/29/85	15	5.2	15.8	14.5
SNIDER BASIN R.S.	8060	4/30/85	22	8.1	16.0	15.5
STILLWATER CAMP	8550	4/26/85	9	2.6	10.6	8.4
TRIAL LAKE	9960	4/26/85	54	23.2	31.7	26.1
BEAR RIVER, LOWER (below Harer, Idaho)						
BUG LAKE	7950	4/25/85	42	15.8	24.2	18.3
CUE RIVER R.S.	5450	4/25/85	0	.0	5.1	.1
EMIGRANT SUMMIT	7390	4/29/85	36	15.3	33.4	23.6
FRANKLIN BASIN	8020	4/25/85	52	23.0	33.6	20.7
GARDEN CITY SUMMIT	7600	4/25/85	35	13.8	20.8	17.4
KLONDIKE NARROWS	7400	4/25/85	26	11.2	23.0	15.6
LITTLE BEAR (LOWER)	6000	4/25/85	0	.0	7.9	1.5
LITTLE BEAR (UPPER)	6550	4/25/85	0	.0	14.5	5.4
SLUG CREEK DIVIDE	7230	4/29/85	14	6.0	17.6	13.9
STEEP HOLLOW #1	8500	4/25/85	84	35.4	46.4	39.9
STEEP HOLLOW #2	7700	4/25/85	44	18.6	31.7	24.0
TONY GROVE LAKE	8400	4/25/85	69	29.5	42.8	35.1
TONY GROVE R.S.	6250	4/25/85	4	1.6	11.3	3.1
WILLOW FLAT	6100	4/25/85	0	.0	20.4	5.2
BEAR RIVER DRAINAGE						
LOGAN RIVER						
FRANKLIN BASIN	8020	4/25/85	52	23.0	33.6	20.7
GARDEN CITY SUMMIT	7600	4/25/85	35	13.8	20.8	17.4
KLONDIKE NARROWS	7400	4/25/85	26	11.2	23.0	15.6
STEEP HOLLOW #1	8500	4/25/85	84	35.4	46.4	39.9
STEEP HOLLOW #2	7700	4/25/85	44	18.6	31.7	24.0
TONY GROVE LAKE	8400	4/25/85	69	29.5	42.8	35.1
TONY GROVE R.S.	6250	4/25/85	4	1.6	11.3	3.1

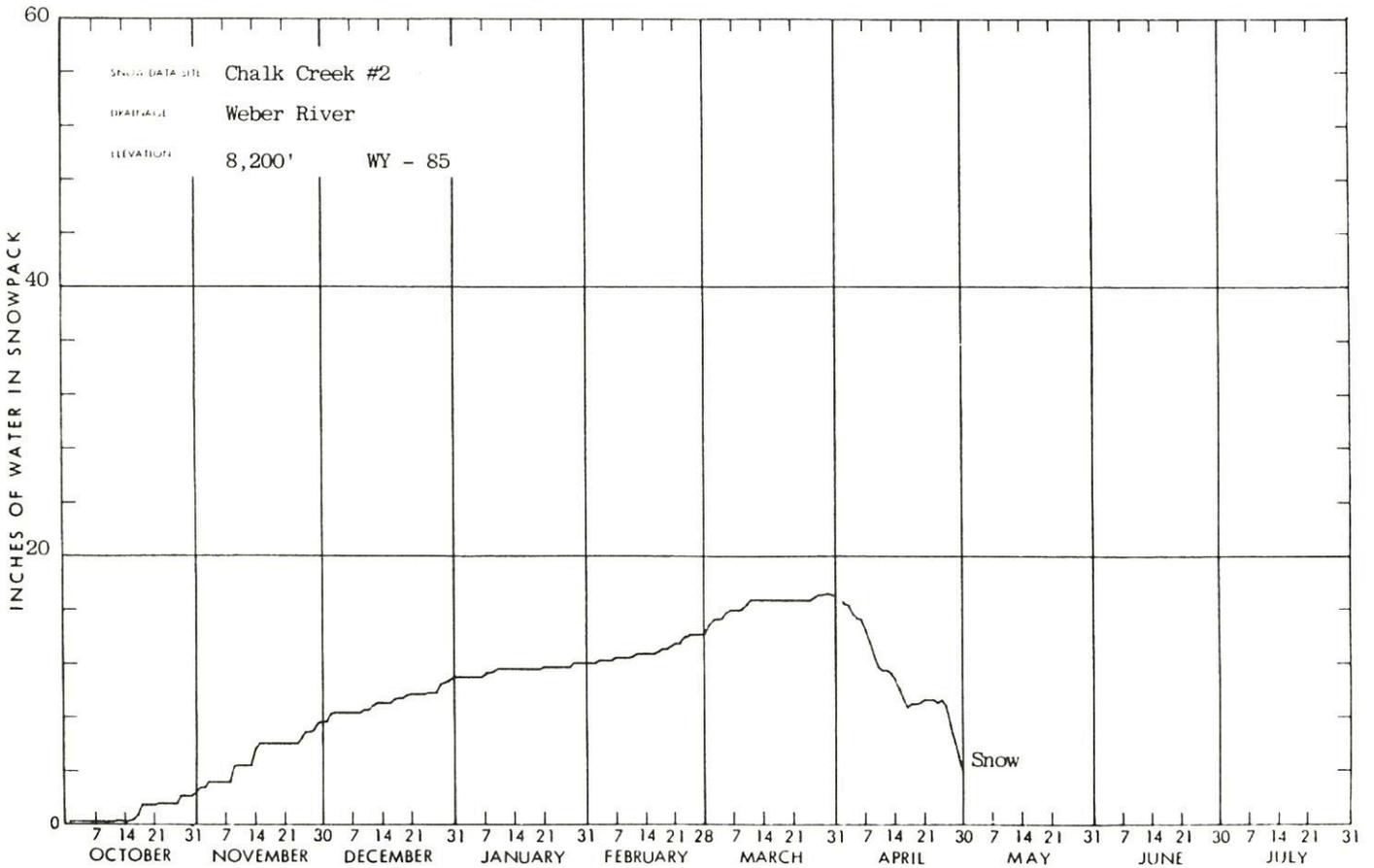
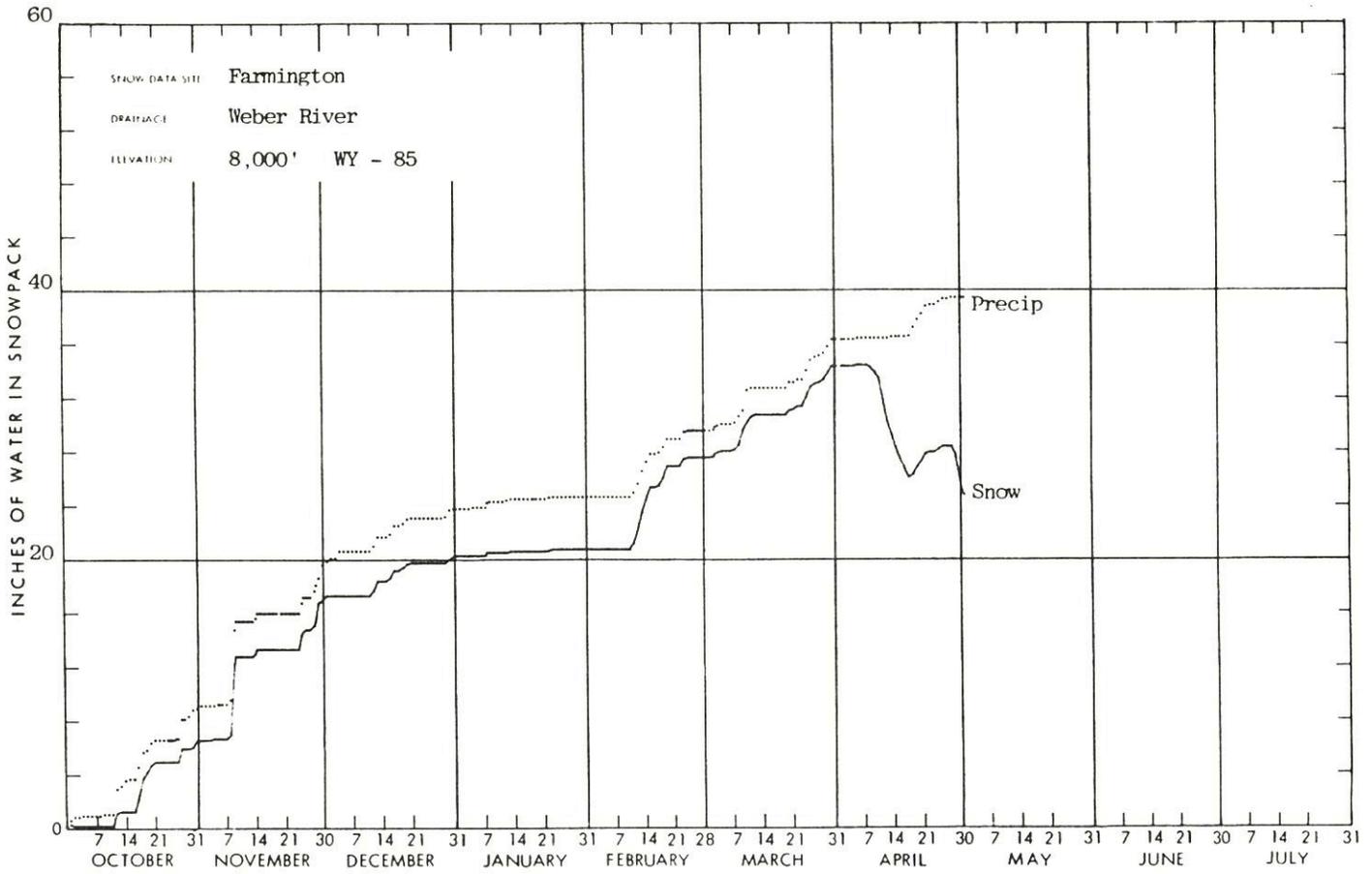
SNOW COURSE	ELEVATION	DATE	SNOW DEPTH	WATER CONTENT	LAST YEAR	AVERAGE 1961-80
RAFT RIVER						
OGDEN RIVER						
BEAVER CREEK-SKUNK	7150	4/25/85	1	.4	11.5	6.1
BEN LOMOND PEAK	8000	4/25/85	68	31.1	70.7	38.2
BEN LOMOND TRAIL	6000	4/25/85	19	7.9	24.5	6.1
DRY BREAD POND	8350	4/25/85	30	12.0	25.1	18.2
MONTE CRISTO R.S.	8950	4/25/85	51	20.1	29.8	26.8
SAGEBRUSH FLAT	6300	4/25/85	0	.0	.0	--
WEBER RIVER						
BEAVER CREEK R.S.	7500	4/25/85	0	.0	5.2	1.7
CHALK CREEK #1	9100	4/26/85	55	23.9	29.0	24.4
CHALK CREEK #2	8200	4/26/85	28	10.8	17.9	14.2
CHALK CREEK #3	7500	4/26/85	1	.2	6.3	2.9
FARMINGTON CANYON L.	6950	4/25/85	49	21.1	36.5	22.8
FARMINGTON CANYON	8000	4/25/85	72	30.3	44.9	32.9
HORSE RIDGE	8260	4/25/85	34	14.9	26.7	20.7
KILFOIL CREEK	7300	4/25/85	21	8.0	16.5	10.6
LOST CREEK RESERVOIR	6130	4/25/85	0	.0	.0	--
PARLEY'S CANYON SUM.	7500	4/29/85	26	10.7	26.6	13.8
FINE CANYON	8000	4/25/85	30	15.0	22.8	11.8
REDDEN MINE LOWER	8500	4/26/85	32	12.6	23.4	17.8
SMITH & MOREHOUSE	7600	4/26/85	12	4.4	14.1	9.1
TRIAL LAKE	9960	4/26/85	54	23.2	31.7	26.1
PROVO RIVER & UTAH LAKE						
CLEAR CREEK RIDGE #1	9200	4/27/85	36	14.5	27.1	17.7
CLEAR CREEK RIDGE #2	8000	4/27/85	17	7.8	18.6	10.5
CLEAR CREEK RIDGE #3	6600	4/27/85	0	.0	.9	.1
DANIELS-STRAWBERRY	8000	4/27/85	13	6.0	16.5	9.6
HOBBLE CREEK SUMMIT	7420	4/27/85	4	1.7	18.3	7.9
PAYSON R.S.	8050	4/24/85	23	9.9	31.4	15.5
SOAPSTONE R.S.	7800	4/26/85	4	1.4	12.9	7.1
TRIAL LAKE	9960	4/26/85	54	23.2	31.7	26.1
JORDAN RIVER & GREAT SALT LAKE						
LAMBS CANYON	7400	4/29/85	10	4.3	21.9	9.8
MILL CREEK	6950	4/30/85	42	17.5	28.1	21.1
MILL D SOUTH FORK	7400	4/30/85	17	7.2	25.5	15.1
PARLEY'S CANYON SUM.	7500	4/29/85	26	10.7	26.6	13.8
SILVER LAKE (BRIGHT.)	8730	4/30/85	42	22.2	32.9	28.3
SNOWBIRD GAD VALLEY	9700	4/24/85	86	41.0	44.0	43.2
TOOELE VALLEY WATERSHEDS AND VERNON CREEK						
BEVAN'S CABIN	6450	4/30/85	7	3.3	26.9	4.8
DESERET PEAK	9250	4/30/85	32	12.7	43.3	27.0
MIDDLE CANYON	7000	4/30/85	4	1.7	29.7	9.3
ROCKY BASIN-SETTLEMT	8900	4/30/85	54	23.4	55.8	30.0
VERNON CREEK	7500	4/29/85	0	.0	17.6	4.3
UPPER GREEN RIVER in UTAH (above Duchesne River)						
BLACK'S FORK GS-EF	9340	4/26/85	22	6.2	12.7	9.7
BLACK'S FORK JUNCTN	8930	4/26/85	16	3.7	11.8	8.3
BURNT CREEK	7900	4/25/85	2	.4	5.4	2.6
GRIZZLY RIDGE	8500	4/25/85	19	5.8	11.8	9.3
HEWINTA G.S.	9500	4/26/85	25	7.1	13.6	10.1
HICKERSON PARK	9100	4/26/85	29	3.8	13.3	6.1
KING'S CABIN (UPPER)	8730	4/26/85	6	1.6	12.2	10.2
SPIRIT LAKE	10300	4/26/85	51	11.4	18.2	15.6
STEEL CREEK PARK	10100	4/26/85	58	16.6	22.5	18.5
TROUT CREEK	9400	4/26/85	22	7.0	12.1	9.5

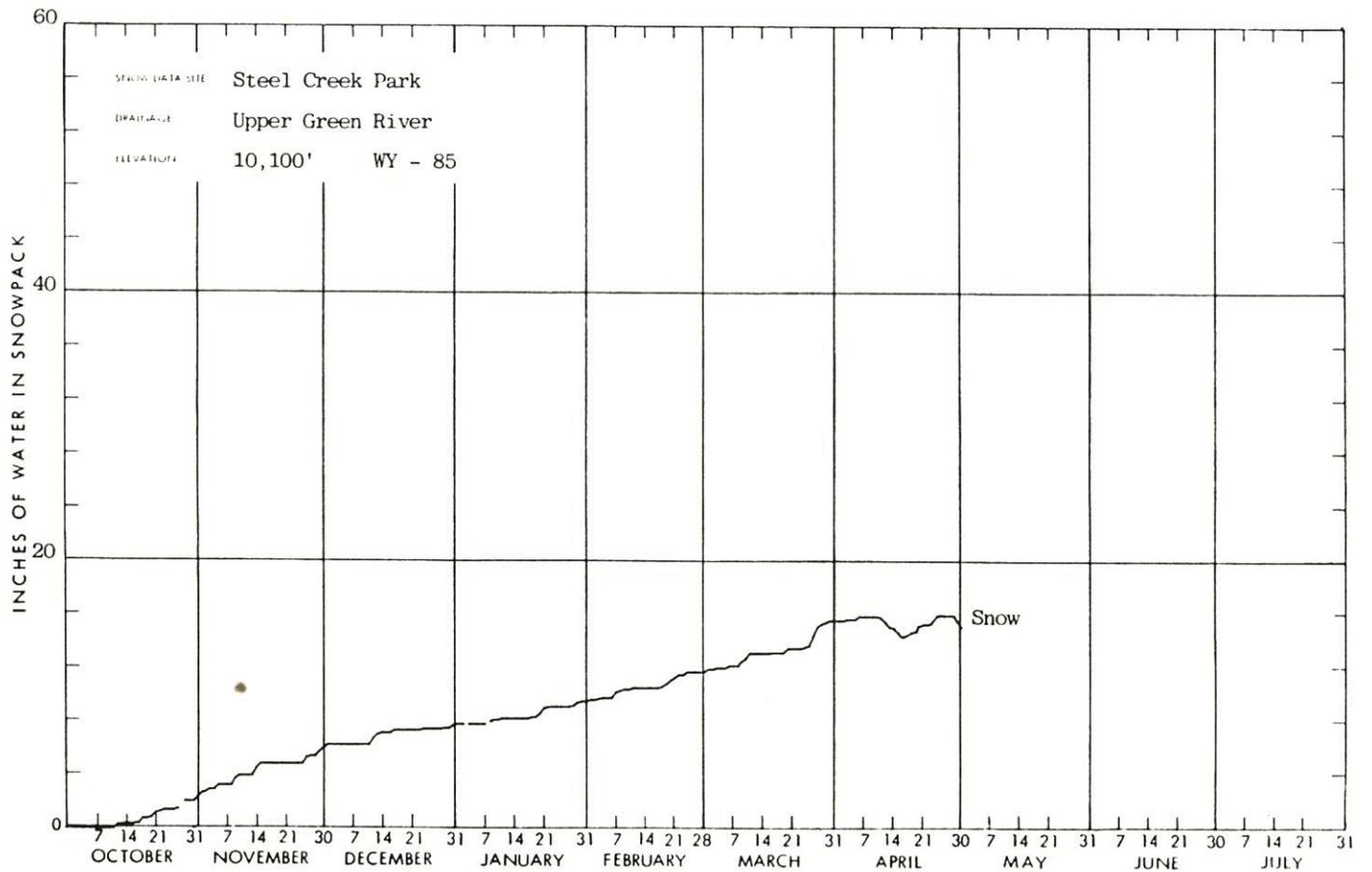
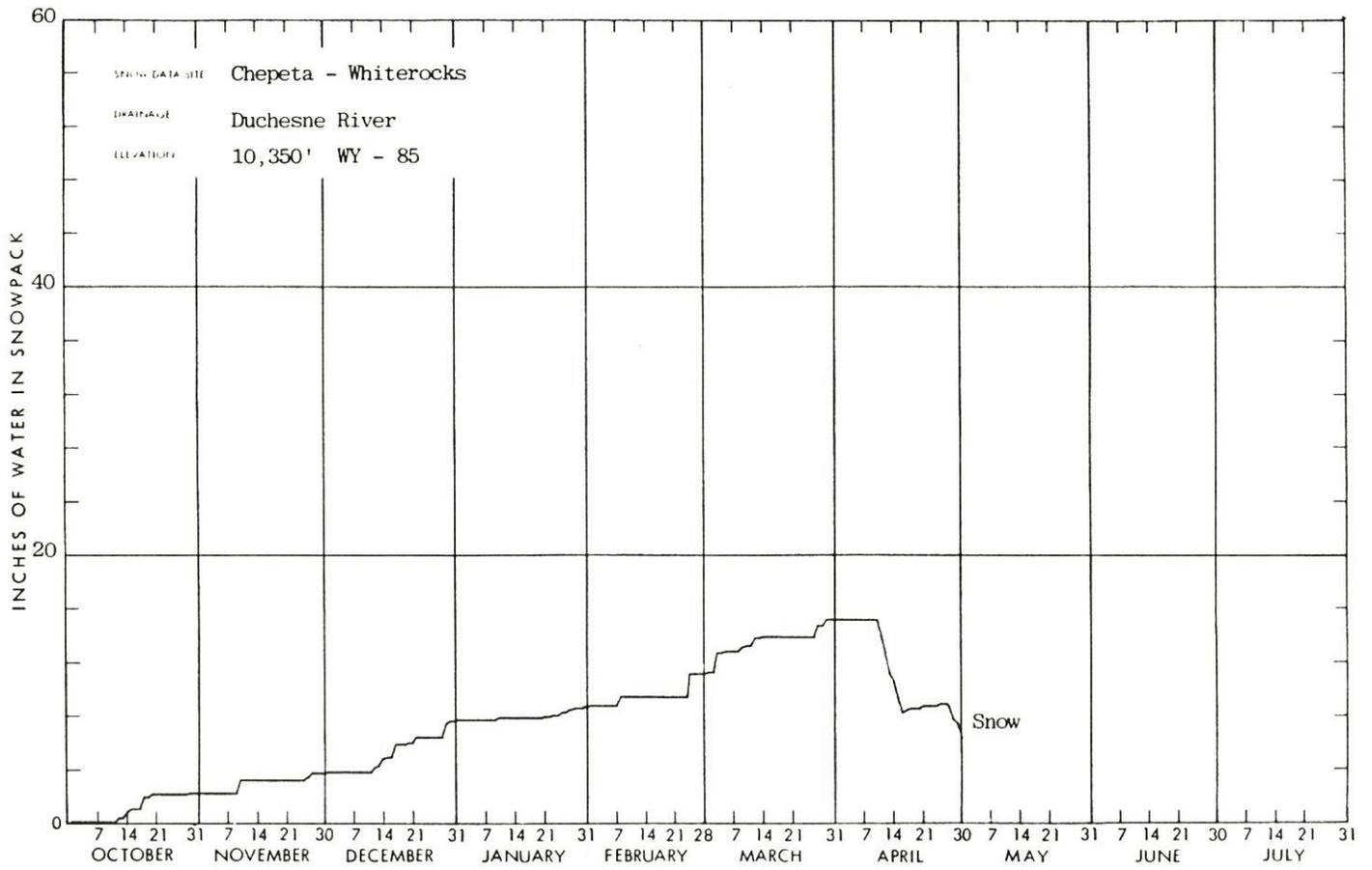
SNOW COURSE	ELEVATION	DATE	SNOW DEPTH	WATER CONTENT	LAST YEAR	AVERAGE 1961-80
SOUTH FORK SEVIER RIVER						
CASTLE VALLEY	9580	4/24/85	16	6.8	12.5	7.7
DUCK CREEK R.S.	8700	4/25/85	13	5.6	.1	9.2
HARRIS FLAT	7700	4/25/85	0	.0	.0	2.9
KIMBERLY MINE (UPPER)	9300	4/24/85	49	17.8	33.0	16.2
LONG VALLEY JCT.	7500	4/25/85	0	.0	.0	.0
MIDWAY VALLEY	9800	4/25/85	53	22.6	19.4	23.7
FANQUITCH LAKE	8200	4/24/85	0	.0	1.5	1.0
LOWER SEVIER RIVER (including San Pitch River)						
BEAVER DAMS	8000	4/26/85	10	1.5	21.4	7.7
FARNSWORTH LAKE	9600	4/26/85	76	21.1	39.8	22.1
G.B.R.C. HEADQUARTER	8700	4/26/85	52	17.3	34.8	16.7
G.B.R.C. MEADOWS	10000	4/27/85	71	26.5	48.0	25.9
GOOSEBERRY R.S.	8000	4/26/85	28	5.4	25.4	9.4
MAMMOTH-COTTONWOOD	8800	4/27/85	44	19.9	32.6	19.9
MT. BALDY R.S.	9500	4/26/85	69	22.1	41.8	25.2
DAK CREEK	7760	4/24/85	13	4.8	21.9	7.5
PICKLE KEG SPRING	9600	4/26/85	33	9.3	35.4	16.1
FINE CREEK	8800	4/24/85	28	9.6	45.3	13.9
REES'S FLAT	7300	4/24/85	10	3.7	22.0	7.7
SHINGLE MILL	6200	5/02/85	0	.0	22.4	2.5
BEAVER RIVER						
BIG FLAT	10290	4/24/85	70	23.8	32.8	20.2
MERCHANT VALLEY (UP)	8750	4/24/85	28	10.3	18.0	7.6
OTTER LAKE	9600	4/24/85	43	13.6	22.5	13.6
PAROWAN						
BIRCH CROSSING	8100	4/30/85	0	.0	4.6	2.1
BRIAN HEAD	10000	4/24/85	46	17.7	29.1	22.5
TALL POLES	8800	4/30/85	22	8.5	17.5	13.6
YANKEE RESERVOIR	8700	4/24/85	8	3.4	14.2	6.9
ENTERPRISE TO NEW HARMONY DRAINAGES						
LITTLE GRASSY CREEK	6100	4/24/85	0	.0	.0	.2
LONG FLAT	8000	4/24/85	0	.0	.5	1.8
COAL CREEK						
CEDAR CITY GOLF COUR	5800	4/30/85	0	.0	.0	--
MIDWAY VALLEY	9800	4/25/85	53	22.6	19.4	23.7
SUSO RANCH	8200	4/30/85	0	.0	.0	3.2
WEBSTER FLAT	9200	4/25/85	18	8.6	10.1	16.0
VIRGIN RIVER						
HARRIS FLAT	7700	4/25/85	0	.0	.0	2.9
KOLOB-CRYSTAL	9250	4/24/85	36	15.6	15.6	22.2
LONG VALLEY JCT.	7500	4/25/85	0	.0	.0	.0
MIDWAY VALLEY	9800	4/25/85	53	22.6	19.4	23.7
WEBSTER FLAT	9200	4/25/85	18	8.6	10.1	16.0

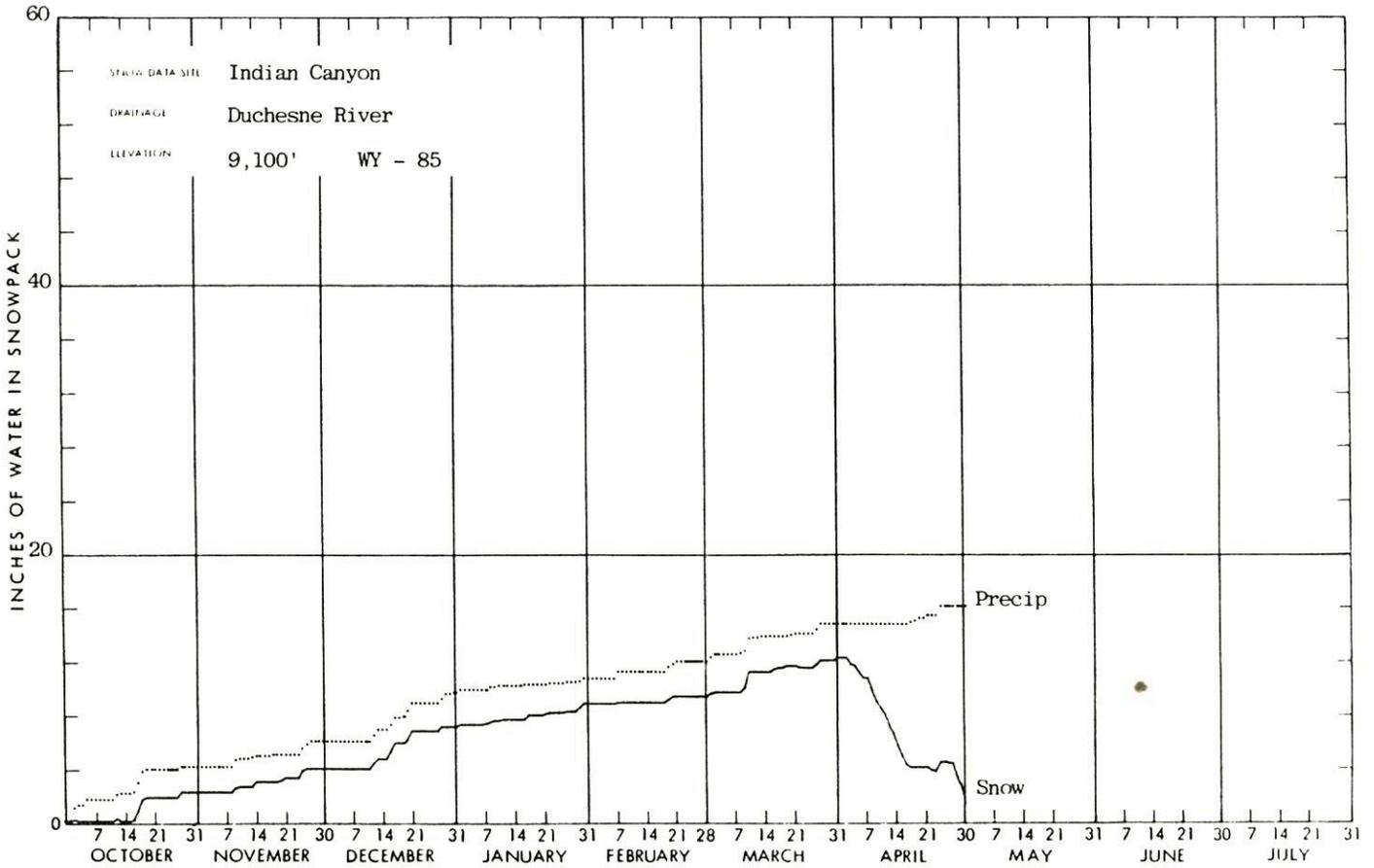
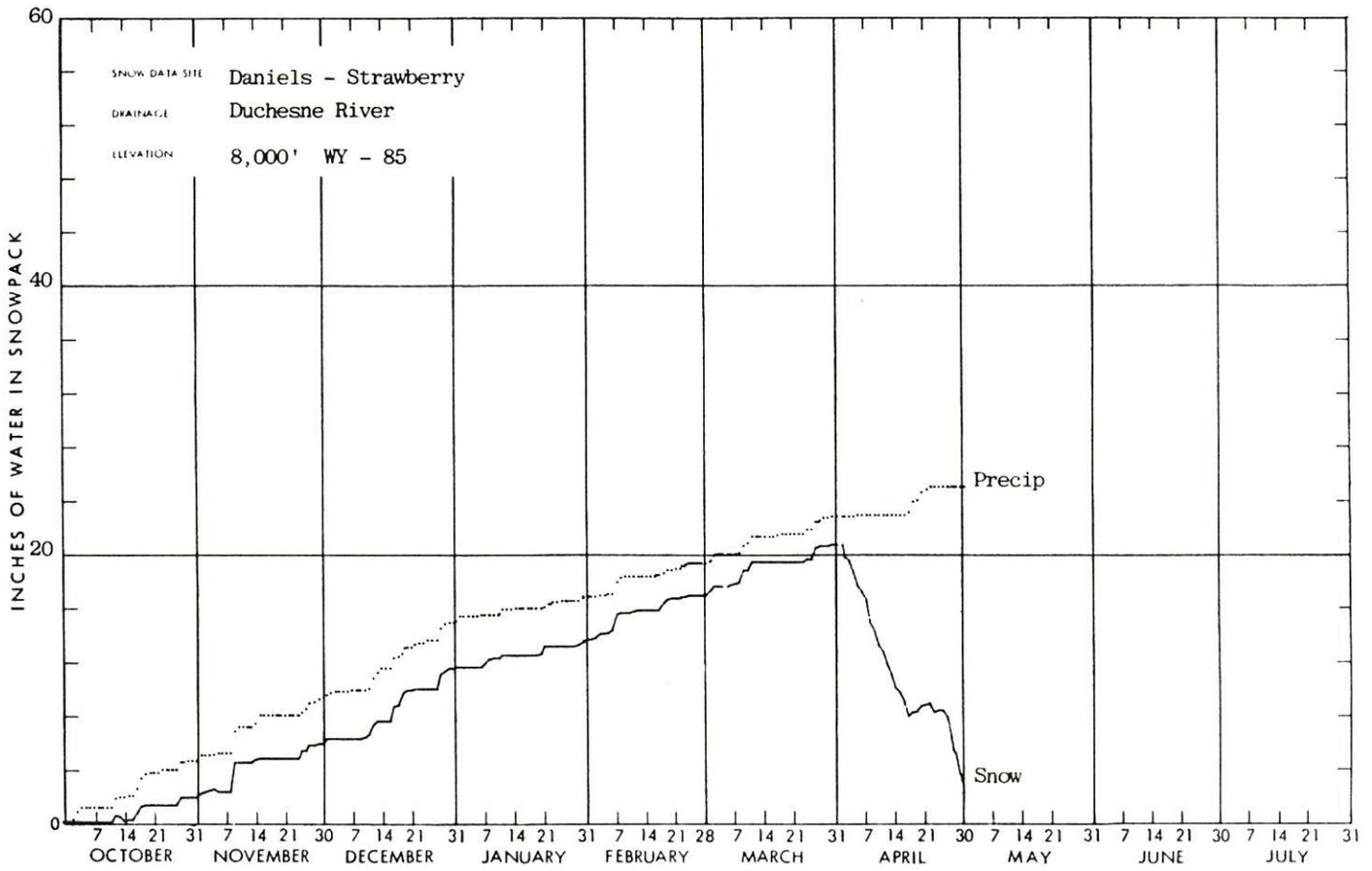
SNOW COURSE	ELEVATION	DATE	SNOW DEPTH	WATER CONTENT	LAST YEAR	AVERAGE 1961-80
DUCHESNE RIVER						
BROWN DUCK RIDGE	10600	4/26/85	64	21.9	24.6	20.6
CURRENT CREEK	8000	4/27/85	0	.0	4.5	2.5
DANIELS-STRAWBERRY	8000	4/27/85	13	6.0	13.3	9.6
EAST PORTAL	7560	5/01/85	0	.0	10.0	4.9
INDIAN CANYON	9100	4/27/85	24	6.7	11.7	11.1
JACKSON PARK	10600	4/26/85	30	10.2	14.8	13.8
LAKEFORK MOUNTAIN #1	10200	4/26/85	29	9.3	12.6	12.1
LAKEFORK MOUNTAIN #3	8400	4/26/85	0	.0	1.4	2.0
MOSBY MOUNTAIN (LOW)	9500	4/26/85	25	8.5	9.9	10.5
PARADISE PARK	10100	4/26/85	30	11.4	14.3	14.8
ROCK CREEK	7900	4/26/85	0	.0	.0	1.3
PRICE RIVER						
DRY VALLEY DIVIDE AL	8100	4/27/85	3	.9	12.3	5.1
MUD CREEK	8600	4/27/85	19	5.9	17.0	8.3
WHITE RIVER #1	8550	4/27/85	20	7.3	16.3	10.5
WHITE RIVER #3	7400	4/27/85	0	.0	.7	.7
SAN RAFAEL RIVER						
BUCK FLAT	9800	4/26/85	34	11.2	30.2	16.6
HUNTINGTON-HORSESHOE	9800	4/26/85	64	25.9	40.6	25.7
ORANGE OLSEN	7200	4/27/85	0	.0	.0	--
RED PINE RIDGE	9200	4/27/85	29	12.1	29.1	15.3
SEELEY CREEK R.S.	10000	4/27/85	49	18.7	39.2	18.0
STUART R.S.	7950	4/27/85	1	.4	5.0	1.8
UPPER JOES VALLEY	8900	4/27/85	5	1.9	13.3	6.2
WRIGLEY CREEK	9000	4/26/85	10	2.1	14.7	6.9
MUDDY RIVER						
BLACK'S FORK	9200	4/26/85	15	4.7	20.8	11.7
DILL'S CAMP	9200	4/26/85	12	4.1	16.5	10.5
FREMONT RIVER						
BLACK'S FLAT-U.M. CK	9400	4/25/85	18	5.6	16.9	9.1
FISH LAKE	8700	4/25/85	13	4.4	23.5	4.8
JOHNSON VALLEY	8850	4/25/85	2	.2	13.9	4.2
LASAL MOUNTAINS						
LASAL MOUNTAIN LOWER	8800	5/01/85	0	.0	12.8	4.9
LASAL MOUNTAIN (UPP)	9850	5/01/85	32	11.7	21.2	14.2
BLUE MOUNTAINS						
BUCKEYARD FLAT	9000	5/01/85	26	9.0	9.1	8.4
CAMP JACKSON	8600	5/01/85	17	5.8	6.0	7.3
UPPER SEVIER RIVER (south of Richfield, Utah)						
BOX CREEK	9300	4/25/85	35	10.6	23.9	12.5
BRYCE CANYON	8000	4/26/85	0	.0	.0	.8
CASTLE VALLEY	9580	4/24/85	16	6.8	12.5	7.7
DUCK CREEK R.S.	8700	4/25/85	13	5.6	.1	9.2
HARRIS FLAT	7700	4/25/85	0	.0	.0	2.9
KIMBERLY MINE (UPPER)	9300	4/24/85	49	17.8	33.0	16.2
LONG VALLEY JCT.	7500	4/25/85	0	.0	.0	.0
MIDWAY VALLEY	9800	4/25/85	53	22.6	19.4	23.7
PANQUITCH LAKE	8200	4/24/85	0	.0	1.5	1.0
SQUAW SPRINGS	9300	4/25/85	8	2.4	11.6	4.4
WIDTSOE-ESCALANTE #3	9500	4/25/85	38	11.9	8.2	10.1
EAST FORK SEVIER RIVER						
BOX CREEK	9300	4/25/85	35	10.6	23.9	12.5
BRYCE CANYON	8000	4/26/85	0	.0	.0	.8
SQUAW SPRINGS	9300	4/25/85	8	2.4	11.6	4.4
WIDTSOE-ESCALANTE #3	9500	4/25/85	38	11.9	8.2	10.1

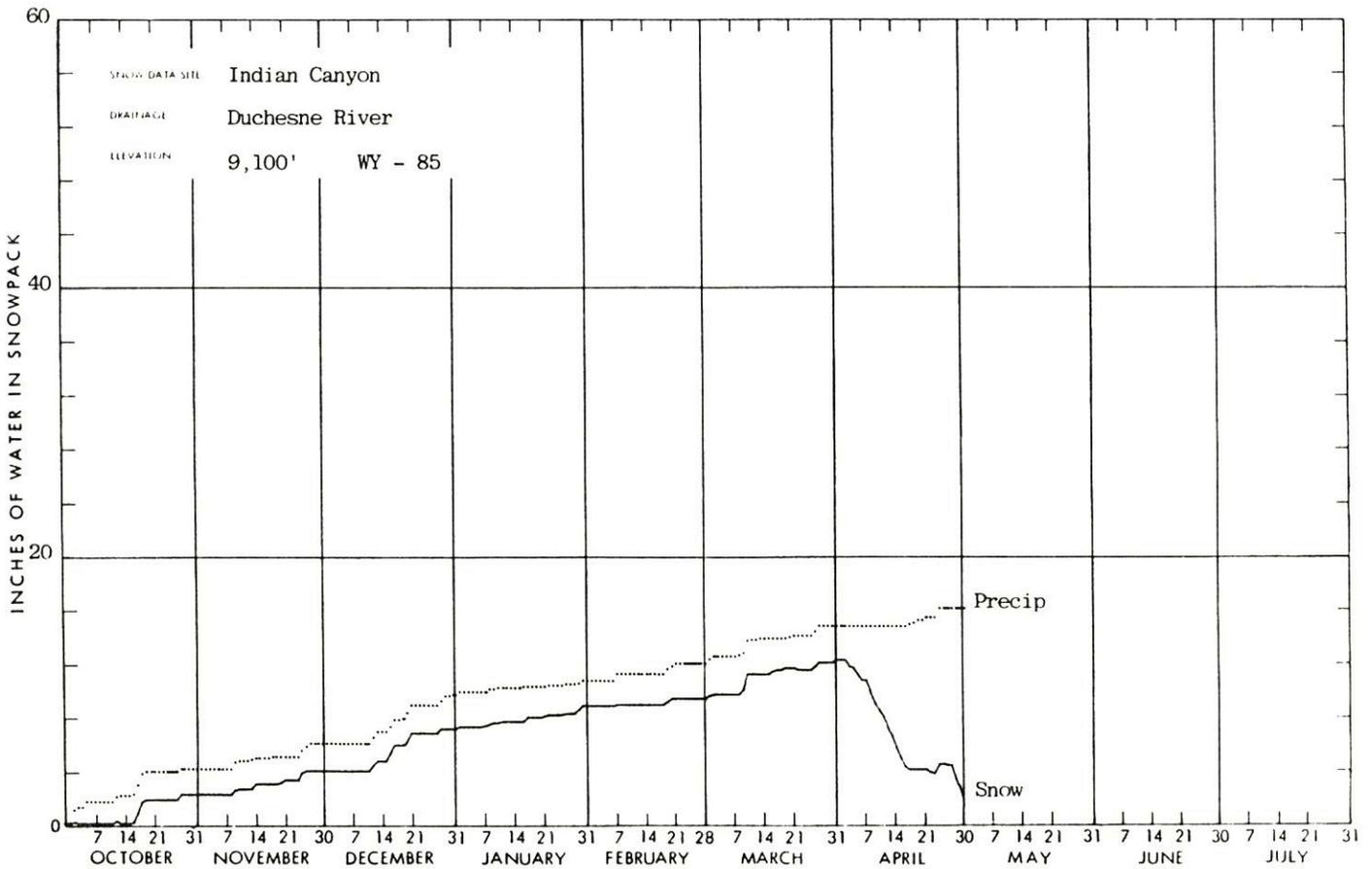
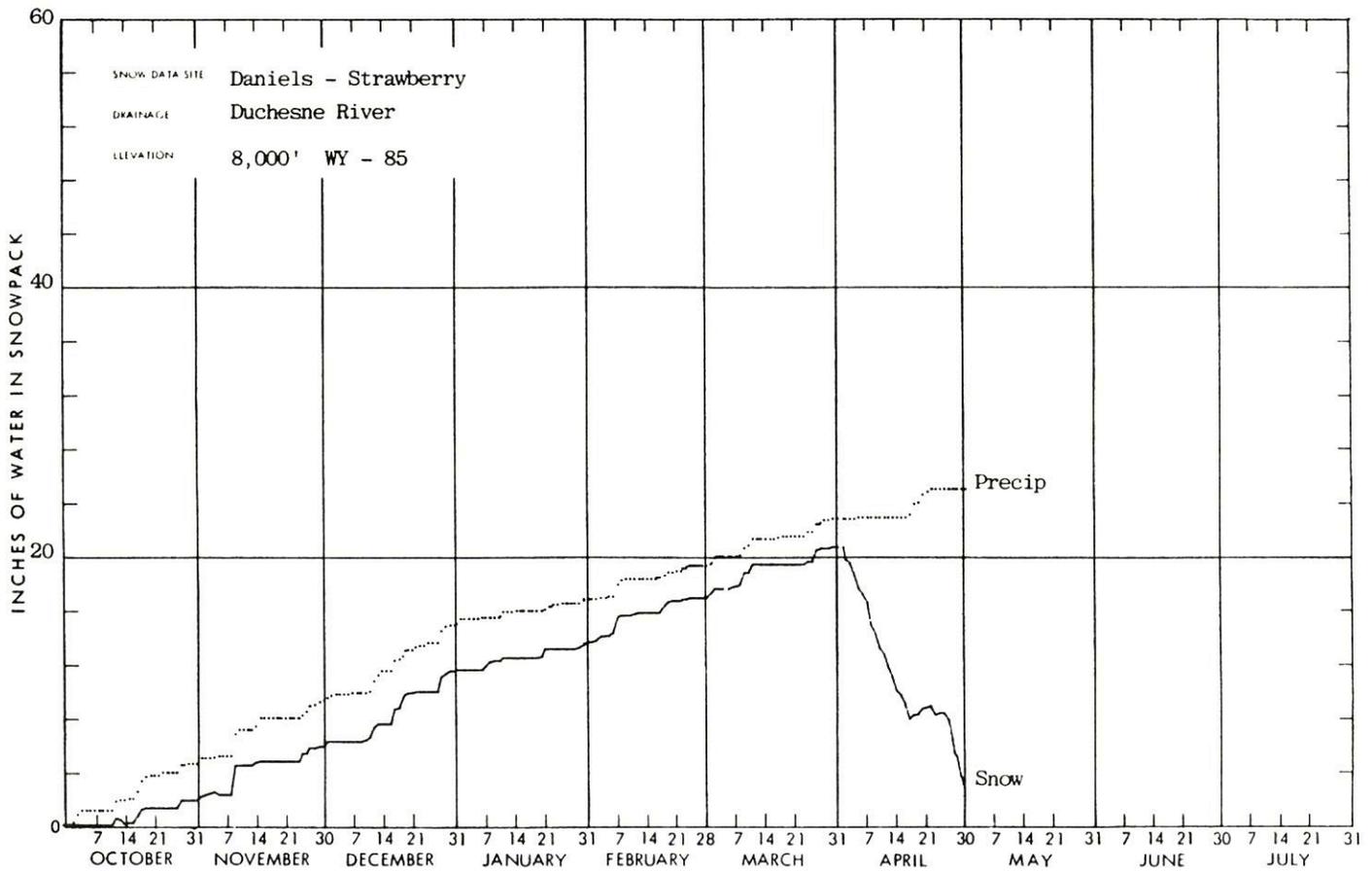


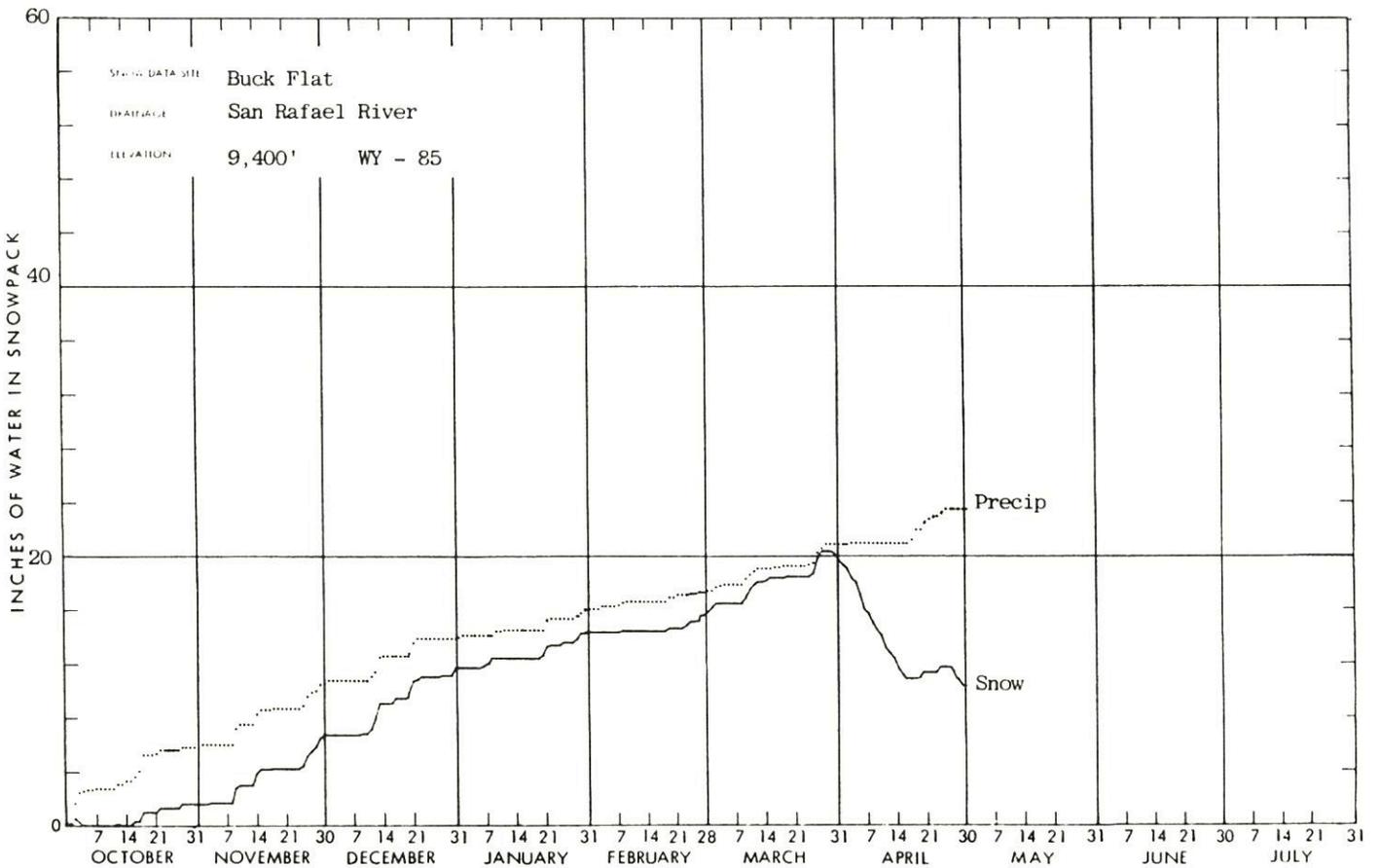
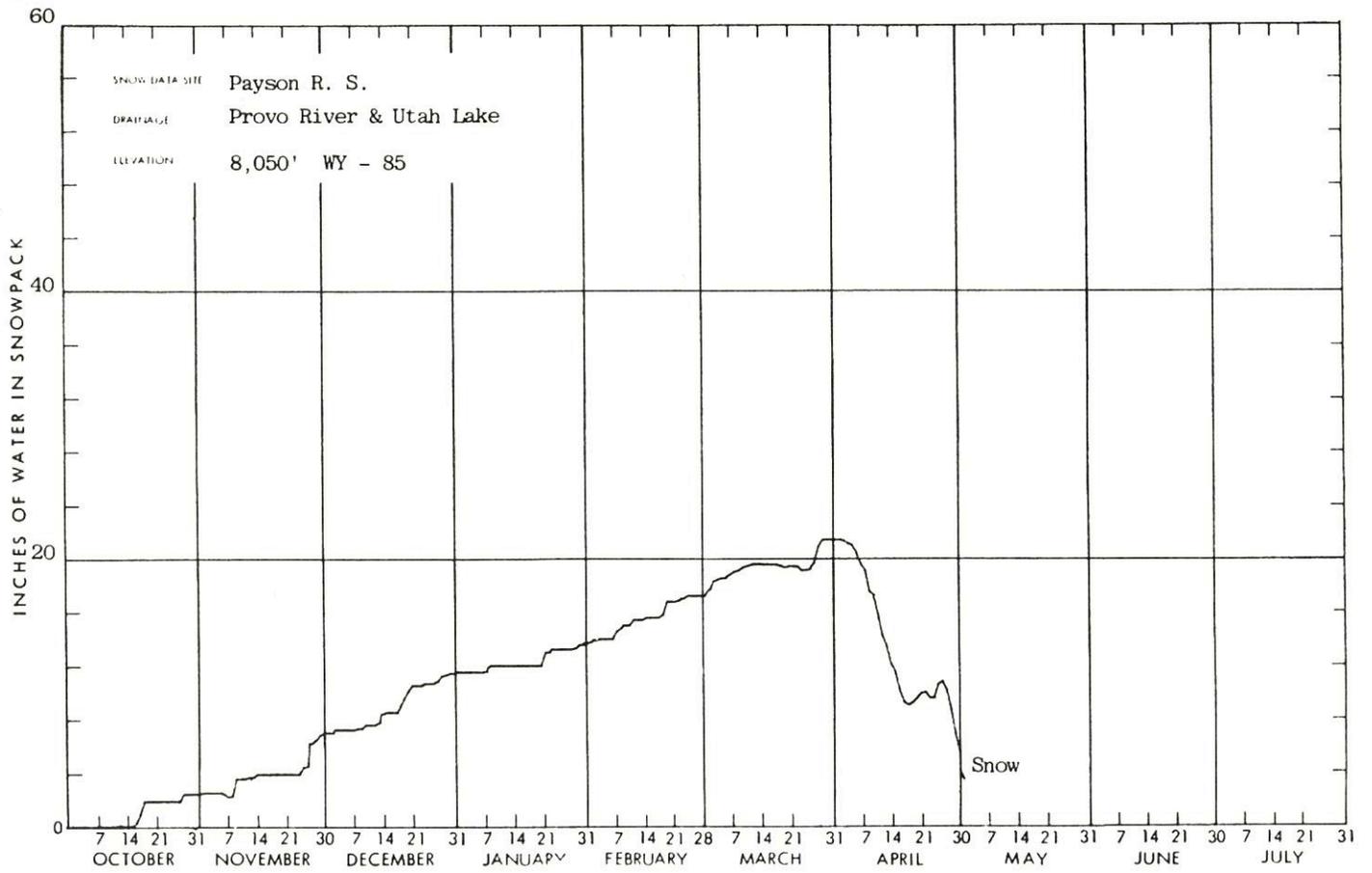


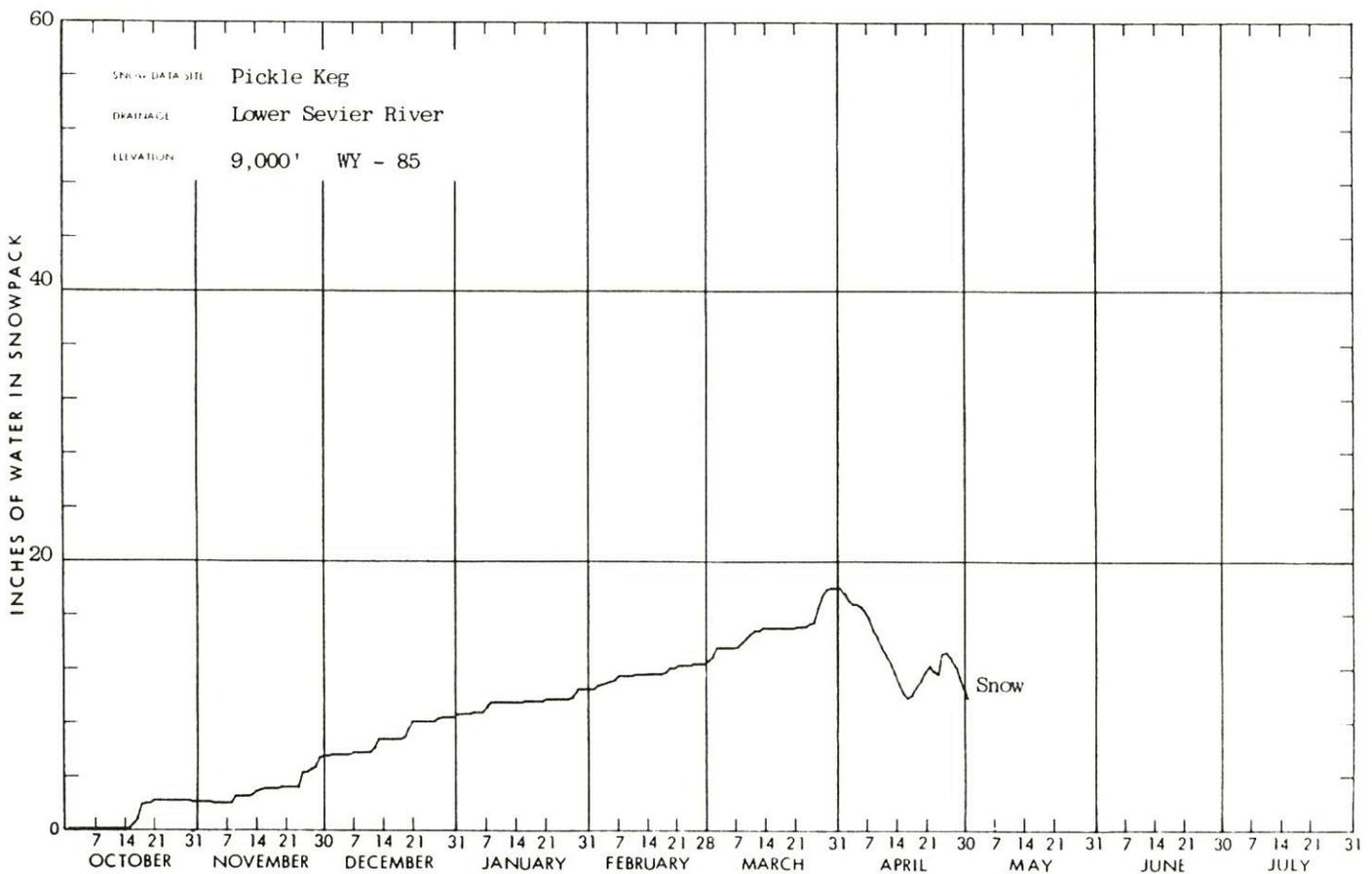
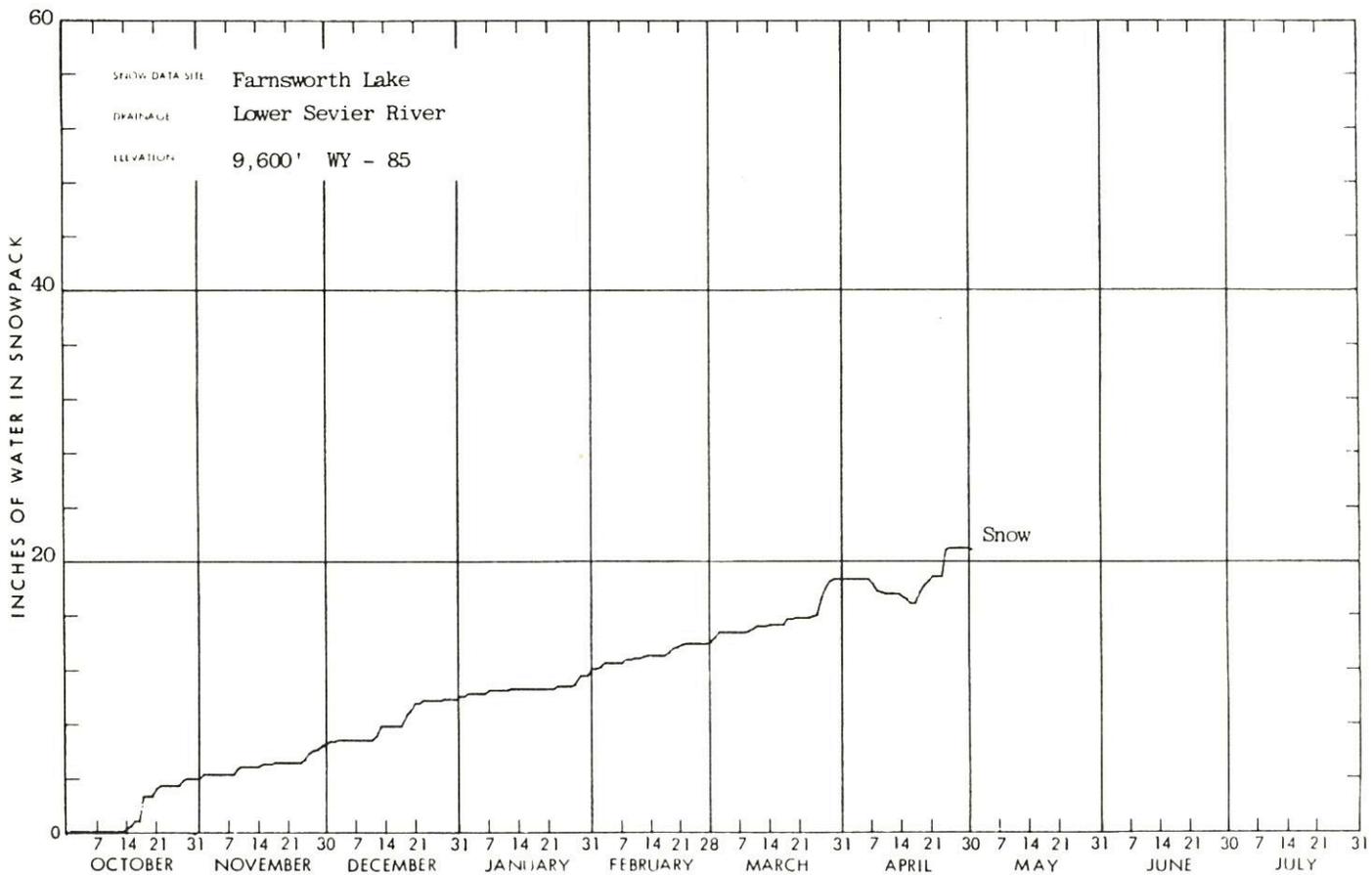


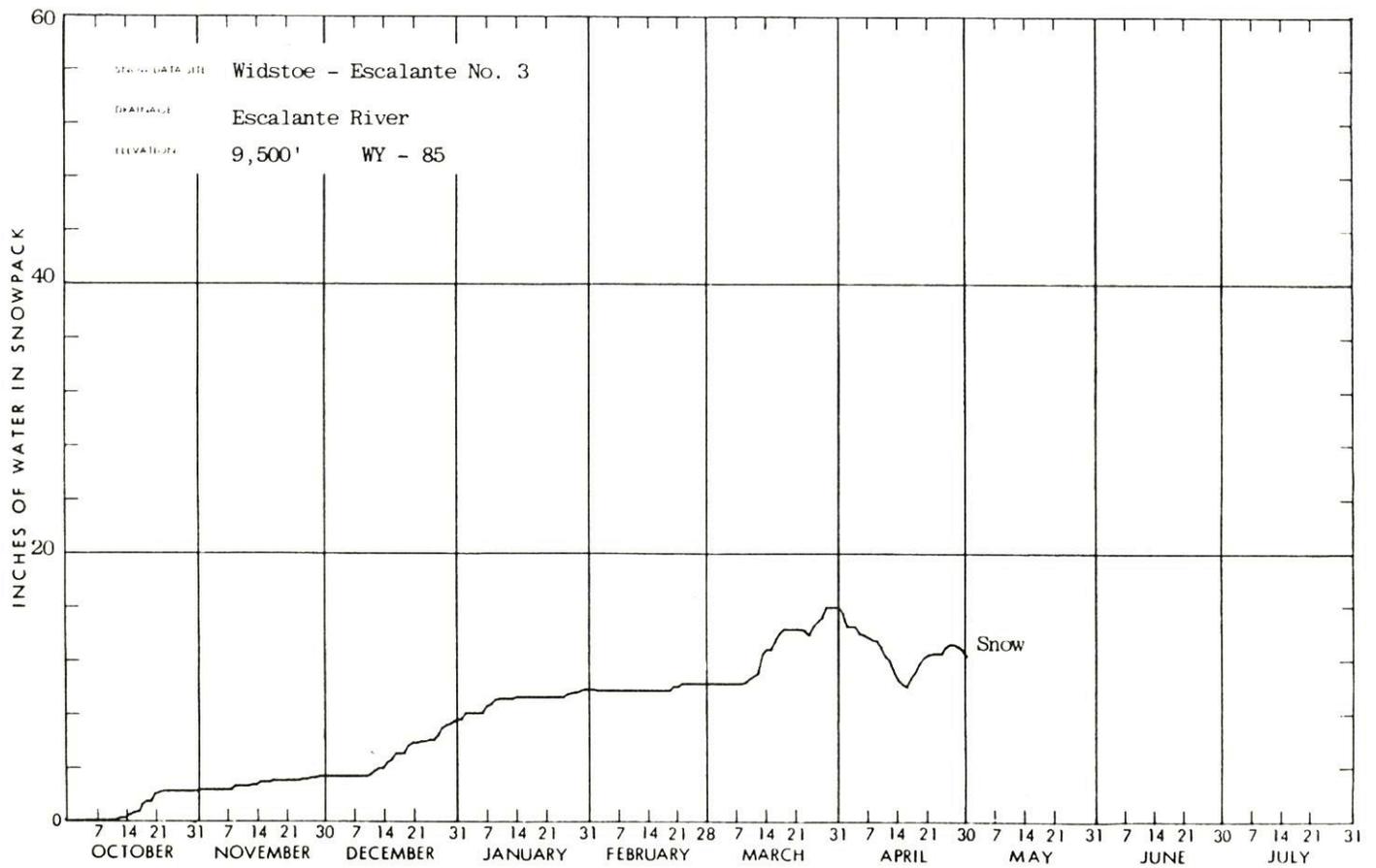
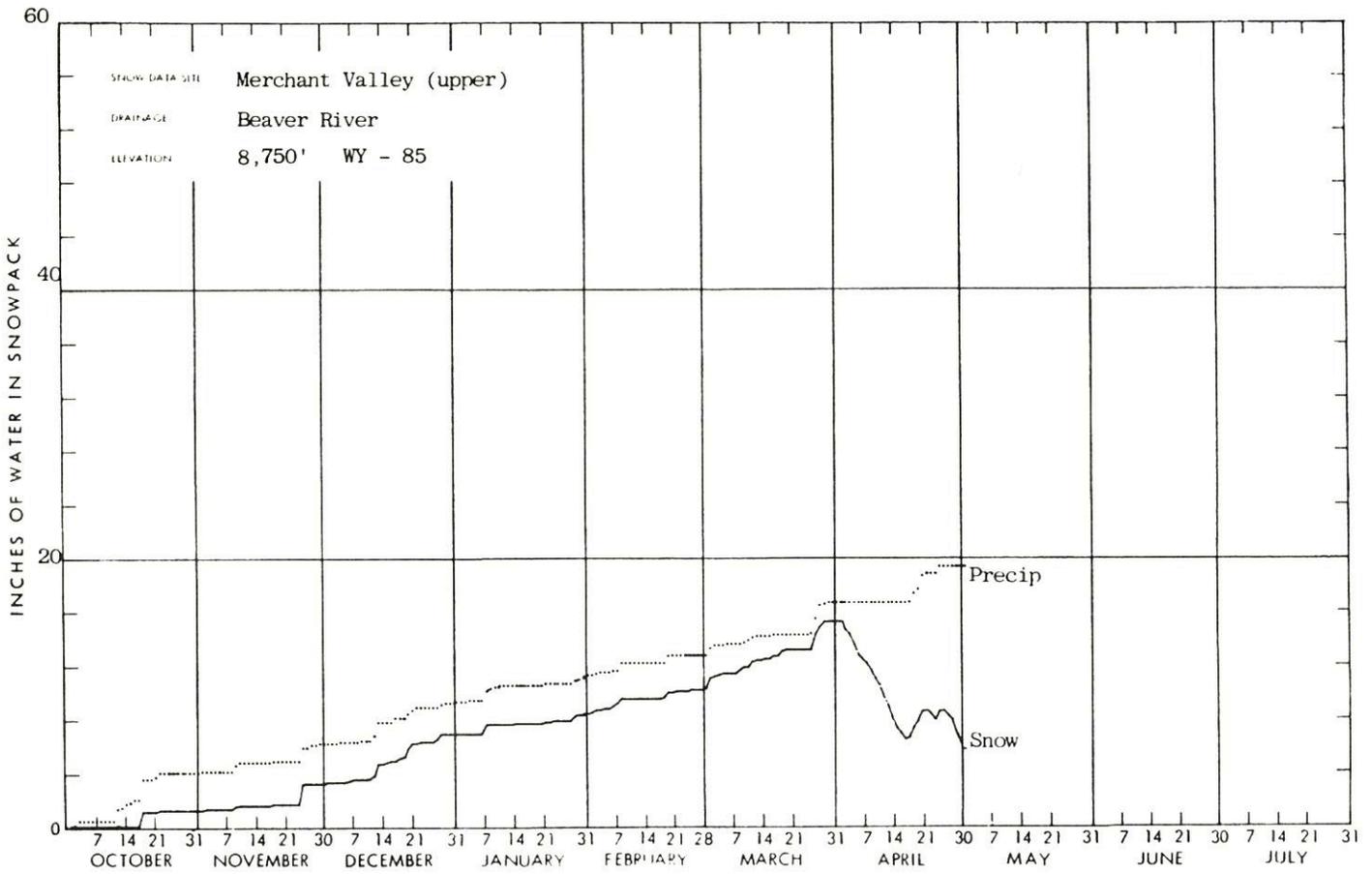




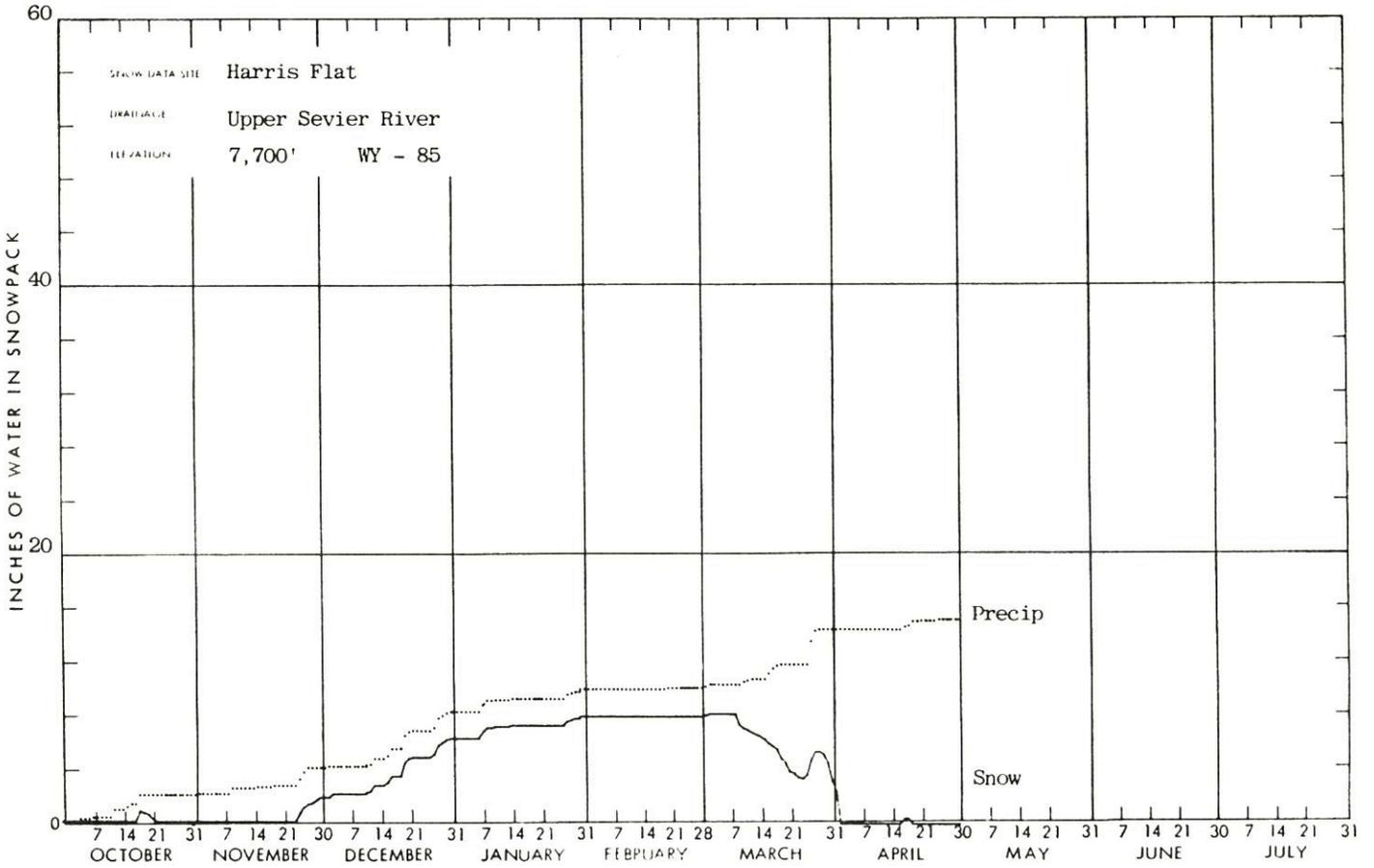




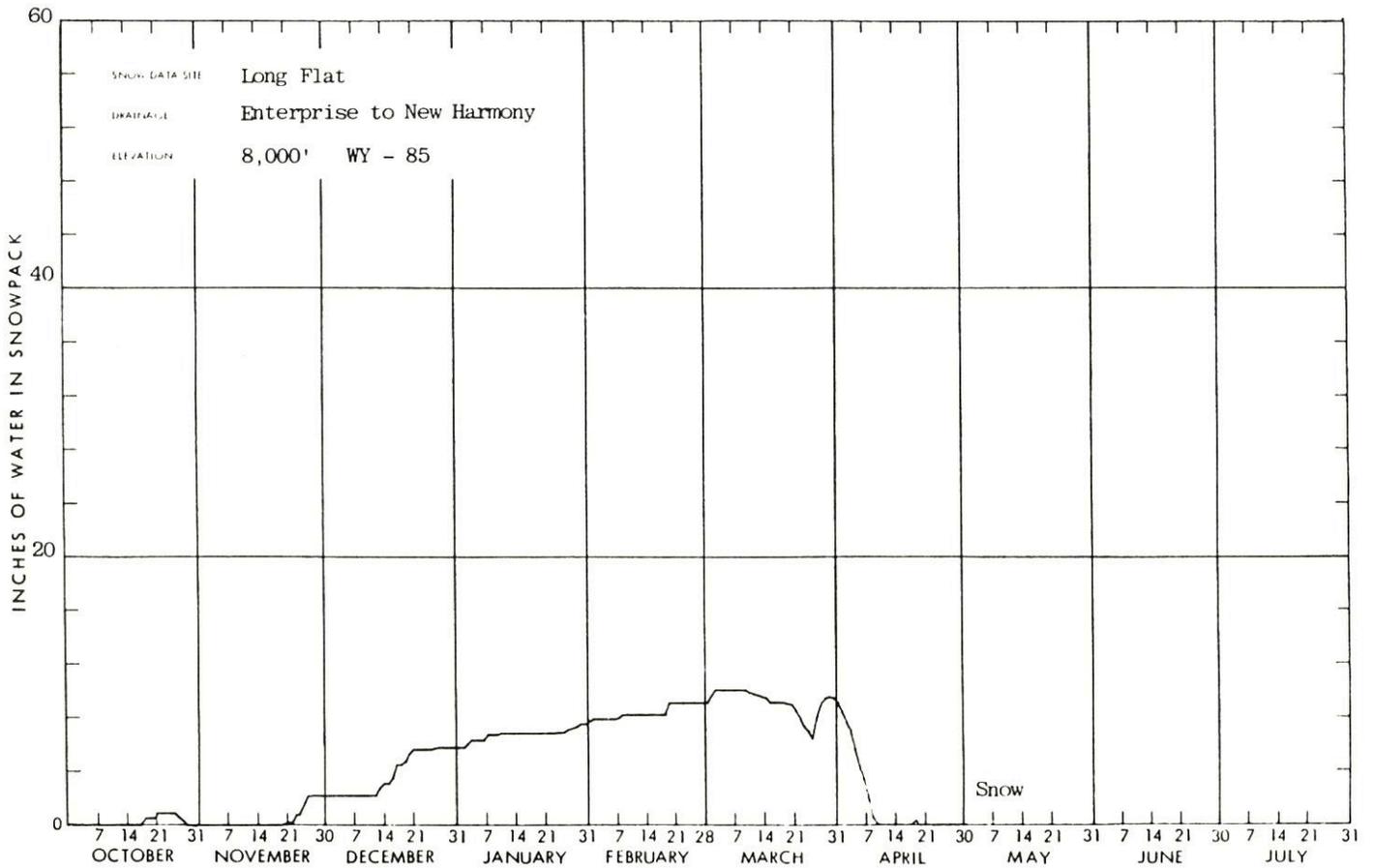


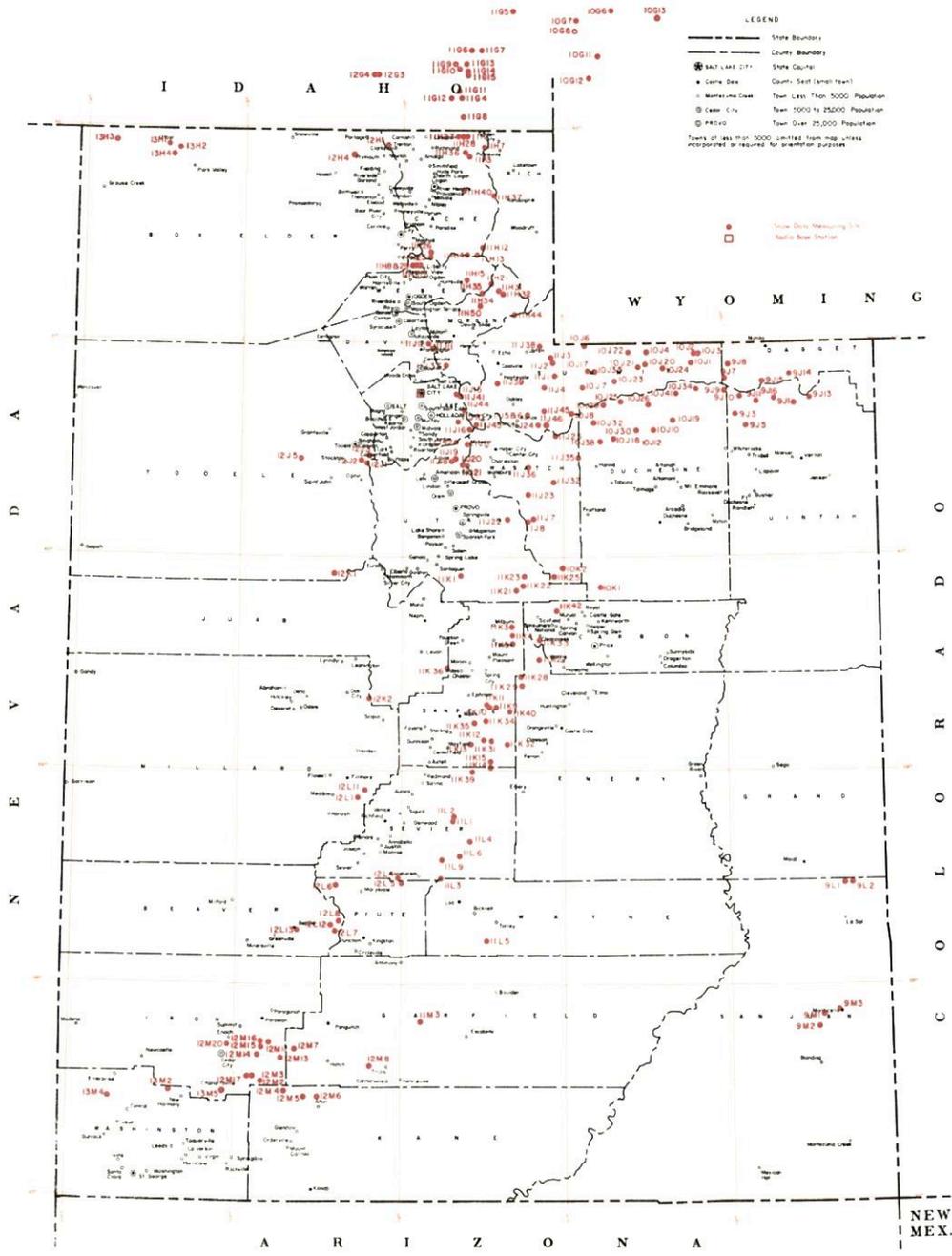


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WY 85-86





SNOW COURSES AND RELATED
DATA MEASURING SITES
UTAH

1983



1983 National Atlas 1:250,000 Series
Topographic Information (NOI) data in black
for base map and colored for NOI use

ALBERT EQUAL AREA PROJECTION

UNIVERSITY MICROFILMS INTL. MF00422877

INDEX TO UTAH, BEAR & UPPER COLORADO RIVER BASINS

GREAT BASIN DRAINAGE

Number	Name	Section	Township	Range	Elevation	Number	Size	Name	Section	Township	Range	Elevation	Number	Size	Name	Section	Township	Range	Elevation
10G11	UPPER BEAR RIVER (above Harer, Idaho)	7	27N	17W	8,700	1212	U	JORDAN RIVER & GREAT SALT LAKE	24	45	4W	6,450	10A11AP	U	DUCHESNE RIVER	13	4N	4W	10,650
10G12	Big Park	19	29N	18W	7,500	11411P	U	Beaver's Cabin	21	15	3E	7,500	9A9PS1	U	Atwood Lake	3	4N	1W	10,350
10G13	Cart-Miller Ranch	25	1N	9E	9,400	1213P	U	Lamb's Canyon No. 2	48	35	3W	7,000	11132MPS1	U	Chippewa-Whitencos Lakes	26	1S	11W	8,000
10G14	Kelly Ranger Station	13	26N	18W	8,200	11144	U	Middle Canyon	28	25	3E	7,400	1117P	U	Current Creek	30	7S	12W	7,540
10G15	Monte Cristo R. S.	4	8N	14E	8,960	1211PS1	U	Mill Creek	30	45	3W	8,900	10A26PS1	U	Dango-Strawberry Summit	28	4N	5W	11,000
10G16	Point Meadows x	29	30N	16W	8,500	11116P	U	Rosky Basin - Settlement Canyon	35	25	3E	8,275	10A11PS1	U	Five Point Lake	2	11S	10E	9,100
10G17	Salt River Summit x	1	29N	15W	8,400	1211PS1	U	Silver Lake (Brighton)	31	27S	5W	9,970	10A34P	U	Indian Canyon	28	5N	3W	11,100
10G18	Shiloh Camp	32	2N	10E	8,550	1211PS1	U	Snow Bird (Lost Valley)	21	10S	5W	7,500	10A10PS1	U	Kidney Lake	13	4N	7W	11,100
11H37PS1	LOWER BEAR RIVER (below Harer, Idaho)	18	11N	5E	7,950	1214PS1	U	UPPER SEVIER RIVER (South of Richfield, Utah)	33	26S	2W	9,300	10A10PS1	U	Lakefork Basin	2, 6, 3	2N	5W	10,200
11G11	Bug Lake	27	13S	5W	5,900	1214PS1	U	Box Creek	29	36S	8W	9,540	10A10PS1	U	Lakefork Mountain	23	4N	8W	10,500
11G12	Christensen Ranch	17	14N	3E	7,400	1214PS1	U	Byce Canyon	25	38S	8W	9,540	10A10PS1	U	Lightning Mountain No. 3	23	4N	8W	10,500
11G13	Colby Ranch	15	13S	3E	7,400	1214PS1	U	Duck Creek R. S.	11	38S	8W	7,700	10A10PS1	U	Mosby Mountain	33	3N	1E	9,500
11G14	Colby Ranger Station	30	15S	41E	5,400	1214PS1	U	Harris Flat	24	38S	7W	7,700	10A10PS1	U	Paradise Park	21	2N	7W	7,900
11G15	Dry Basin	1	13S	42E	7,900	1214PS1	U	High-top Mountain	31	27S	5W	9,970	10A10PS1	U	Shadlow Lake	29	3N	3W	10,150
11G16	Dry Creek Flat	21	12S	42E	7,340	1214PS1	U	Kidney Lake	31	27S	5W	9,970	10A10PS1	U	Strawberry Divide	2	4S	12W	8,400
11G17	Emigration Canyon (mouth)	24	12S	42E	6,500	1214PS1	U	Midway Valley	26	37S	9W	9,970	10A10PS1	U	West Fork of the Duchesne	22	1N	11W	9,480
11G18	Franklin Basin	34	11N	3E	7,200	1214PS1	U	Panguitch Lake	4, 5	30S	2W	8,200	10A10PS1	U					
11G19	Garden City Summit	1	11N	3E	7,200	1214PS1	U	Scalpe Springs	3	27S	2W	9,300	10A10PS1	U					
11G20	Horsehoe Basin	31	13S	42E	8,000	1214PS1	U	LOWER SEVIER RIVER (including San Pitch River)	22	19S	3E	8,000	11H42P	U	Dry Valley Divide Alternate	14	11S	7E	8,100
11G21	Lake Springs	10	14N	3E	7,400	11W13PS1	U	Beaver Dam	34	23S	2E	9,600	11H43MP	U	Mud Creek No. 1	4	14S	7E	8,600
11G22	Little Bear (upper)	16	8N	41E	6,000	11H43PS1	U	Farnsworth Lake	21	17S	4E	10,000	11H43MP	U	White River No. 1	1	10S	8E	9,000
11G23	Little Bear (lower)	22	8N	41E	6,500	11H43PS1	U	G. B. R. C. Headquarters	21	17S	4E	10,000	11H43MP	U	White River No. 3	30	10S	8E	7,400
11G24	Little Bear (lower)	32	13S	42E	9,250	11H43PS1	U	Gosberry R. S.	21	23S	2E	8,000	11H43PS1	U					
11G25	Little Bear (lower)	17	14N	3E	8,500	11H43PS1	U	Mammoth R. S. - Cottonwood Creek	13	13S	5E	8,800	11H43PS1	U					
11G26	Step Hollow No. 1	9	14N	3E	7,700	11H43PS1	U	Mill Bluffs R. S.	19	19S	4E	9,500	11H43PS1	U					
11G27	Step Hollow No. 2	14	13S	41E	6,800	11H43PS1	U	Oak Creek	9	17S	3E	7,600	11H43PS1	U					
11G28	Strawberry Creek	14	13S	41E	6,800	11H43PS1	U	Pickle Keg Springs	4	21S	3E	9,000	11H43PS1	U					
11G29	Step Hollow Divide	5	13N	3E	8,400	11H43PS1	U	Reed's Flat	20	15S	2W	7,300	11H43PS1	U					
11H30P	Tony Grove Lake	11	13N	3E	6,250	11H43PS1	U	Shingle Mill	5	22S	3W	6,200	11H43PS1	U					
11H31MP	Willow Flat	2	15S	41E	6,100	11H43PS1	U	Thistle Flat	19	18S	3E	8,760	11H43PS1	U					
11H32P	Clear Creek Meadows	26	14N	14W	9,950	11H43PS1	U	BEAVER RIVER											
11H33P	One Mile Summit	17	14N	14W	7,330	12L13	U	Beaver Base Track	23	29S	7W	6,970	11H43PS1	U					
11H34	V.P. Point	17	14N	17W	7,670	12L12PS1	U	Beaver Flat	7	29S	4W	10,290	11H43PS1	U					
11H35						12L12PS1	U	Merchant's Valley (upper)	8	29S	5W	8,750	11H43PS1	U					
11H36						12L12PS1	U	Other Lake	12	29S	5W	9,600	11H43PS1	U					
11H37						12M15P	U	PAROWAN CREEK											
11H38	Beaver Creek Siphon Creek	23	8N	3E	7,150	12M15P	U	Bluff Crossing	33	35S	9W	8,100	11H43PS1	U					
11H39	Ben Leonard Trail	4	7N	1W	6,000	12M15P	U	Brian Head	10	36S	9W	10,000	11H43PS1	U					
11H40	Causey Dam	19	6N	4E	8,300	12M15P	U	Tall Pines	26 & 35	35S	9W	8,800	11H43PS1	U					
11H41	Chalk Creek	21	6N	4E	8,050	12M15P	U	Yankee Reservoir	20	35S	8W	8,700	11H43PS1	U					
11H42	Chalk Creek No. 2	21	7N	3E	6,300	12M15P	U												
11H43	Chalk Creek No. 3	21	7N	3E	6,300	12M15P	U												
11H44	Farmington Canyon (lower)	15	3N	1E	6,950	12M20	U	ENTERPRISE TO NEW HARMONY DRAINAGES											
11H45	Farmington Canyon (upper)	23	3N	1E	8,000	12M20	U	Little Grassy Creek	14	38S	18W	6,100	11H43PS1	U					
11H46	Francis Canyon	22	2N	2E	6,700	12M17	U	Long Flat	2	38S	14W	8,000	11H43PS1	U					
11H47	Horse Ridge	25	7N	4E	8,260	12M17	U	COAL CREEK											
11H48	Horse Ridge	25	7N	4E	8,260	12M17	U	Cedar City Golf Course	11	39S	11W	5,800	11H43PS1	U					
11H49	Kilfoil Creek	20	6N	5E	7,300	13M43P	U	305C Ranch	18	31S	3W	8,200	11H43PS1	U					
11H50	Parley's Canyon Summit	30	2S	4E	9,300	13M43P	U	Adelie Tank Lake	20	1S	19E	10,500	11H43PS1	U					
11H51	Parley's Canyon Summit	5	1S	3E	7,500	13M43P	U	Black's Fork G.S. - E. Fork	25	2N	12E	9,300	11H43PS1	U					
11H52	Pine Canyon	22	3N	7E	8,100	13M43P	U	Black's Fork Junction	33	3N	12E	8,975	11H43PS1	U					
11H53	Redden Mine (lower)	1	2S	6E	8,500	13M43P	U	Burnt Creek	4	1N	20E	7,900	11H43PS1	U					
11H54	Sargent Lakes	9	2S	6E	8,300	13M43P	U	Grizzly Ridge	8	15	22E	8,500	11H43PS1	U					
11H55	Smith & Morehouse	25	1N	7E	7,600	13M43P	U	Hickerson Park	29	3N	17E	9,100	11H43PS1	U					
11H56						13M43P	U	Hogline Trail	13	2N	17E	9,100	11H43PS1	U					
11H57						13M43P	U	Hole-in-the-Rock	24	1N	19E	10,250	11H43PS1	U					
11H58						13M43P	U	King's Cabin (upper)	12	3N	19E	8,300	11H43PS1	U					
11H59						13M43P	U	Middle Beaver Creek	22	1S	21E	8,730	11H43PS1	U					
11H60						13M43P	U	Steel Creek Park	17	2N	17E	10,100	11H43PS1	U					
11H61						13M43P	U	Trout Creek	9	1S	20E	9,400	11H43PS1	U					
11H62						13M43P	U												
11H63						13M43P	U												
11H64						13M43P	U												
11H65						13M43P	U												
11H66						13M43P	U												
11H67						13M43P	U												
11H68						13M43P	U												
11H69						13M43P	U												
11H70						13M43P	U												
11H71						13M43P	U												
11H72						13M43P	U												
11H73						13M43P	U												
11H74						13M43P	U												