



Federal-State Cooperative  
Snow Surveys and Water Supply Forecasts  
for  
**WYOMING**

SOIL CONSERVATION SERVICE  
UNITED STATES DEPARTMENT OF AGRICULTURE  
AND  
STATE ENGINEER OF WYOMING

Data included in this report were obtained by the agencies named above in cooperation with the U. S. Forest Service, Bureau of Reclamation, National Park Service, and other Federal, State and local organizations.

AS OF

MAY 1, 1955

UNITED STATES DEPARTMENT OF AGRICULTURE  
SOIL CONSERVATION SERVICE

TO RECIPIENTS OF COOPERATIVE SNOW SURVEY  
AND WATER SUPPLY FORECAST REPORTS.

Forecasts by U. S. Weather Bureau of total annual streamflow October-September, inclusive, at more than 300 gaging stations are issued monthly January through May in the publication WATER SUPPLY FORECASTS FOR THE WESTERN UNITED STATES.

Weather Bureau forecasts of runoff presented in that bulletin are computed from procedures based on mathematical analysis of the relation between precipitation and runoff.

The Weather Bureau bulletins may be secured by writing to:

Hydrologist in Charge  
River Forecast Center  
U. S. Weather Bureau  
712 Federal Office Building  
Kansas City 6, Missouri

For current information on local river and flood conditions, reference should be made to the appropriate River District Office, listed below:

Meteorologist in Charge.....Green River and  
Weather Bureau Airport Station\* tributaries  
Box 517  
Grand Junction, Colo.

Meteorologist in Charge.....Snake River and  
Weather Bureau Airport Station tributaries  
Box 1718  
Boise, Idaho

Meteorologist in Charge.....Yellowstone River  
Weather Bureau Airport Station and tributaries  
Box 1338  
Billings, Montana

Climatologist.....North Platte River  
Weather Bureau Office and tributaries  
Box 1079  
Denver, 1. Colo.

State of Wyoming

FEDERAL-STATE COOPERATIVE  
SNOW SURVEYS AND WATER FORECASTS  
FOR  
WYOMING

Issued  
May 9, 1955

Report Prepared  
by  
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Snow Survey Leader

Soil Conservation Service  
and  
State of Wyoming

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State Conservationist  
Soil Conservation Service

L. C. Bishop  
State Engineer of Wyoming  
Cheyenne, Wyoming



PRELIMINARY WATER SUPPLY OUTLOOK  
FOR  
WYOMING

May 1, 1955

In general the water supply prospect for the State of Wyoming is less than that for the April 1, forecast. Precipitation during April was far below normal as indicated by the May 1, survey of the accumulation in the snow pack. The first duty of snow melt is to bring the soil to field capacity and the amount of water required for this function each spring, is withheld from the creeks and rivers. Last fall, the soil storage was below normal as winter came on, so this above normal deficit will take the first melted snow water.

Reservoir storage for May 1, is at 76 percent of the 1943-1952 normal for this date, indicating that the total amount of runoff and storage will be about 70 percent of the 1943-1952 average and less than the supply for the 1954 season.

NORTH PLATTE BASIN

The May 1, snow pack on the North Platte above Seminoe is 73 percent of the average snow cover for this date. The runoff is expected to be 500,000 acre-feet at Saratoga, 79,000 at Hanna and 56,000 from the Sweetwater for a total of 635,000, or 69 percent of the 1943-1952 average. May 1, active storage on the North Platte in Wyoming totals 865,000 acre-feet, or 68 percent of normal.

GREEN RIVER BASIN

The snow pack in the Upper Green River Basin in Wyoming dropped to 75 percent of normal, however, very little snow remains on the lower elevation areas. The April 1, - September 30, runoff for this basin is expected to be 750,000 acre-feet, or 50 percent of the ten year average.

THE HISTORY OF THE UNITED STATES

1776

1776

The first of the great principles of the American Revolution was the right of the people to alter or to abolish their government, and to institute a new one, when it becomes destructive of the ends for which it was established. This principle was the foundation of the Declaration of Independence, and it was upon this principle that the American people based their claim to the right of self-government.

The second principle was the right of the people to be free from the oppressive power of a distant monarch. This principle was the foundation of the American people's demand for independence from Great Britain, and it was upon this principle that they based their claim to the right of self-government.

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THE HISTORY OF THE UNITED STATES

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THE HISTORY OF THE UNITED STATES

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## PRELIMINARY WATER SUPPLY OUTLOOK FOR WYOMING (Con't.)

May 1, 1955

### SNAKE RIVER BASIN

Precipitation, during April, was very close to normal in the Snake River Basin above Moran. The expected runoff from this area remains the same as the April 1, forecast which was 770,000 acre-feet for the April 1, - September 30, discharge into Jackson Lake. This figure is 84 percent of the 1943-1952 average runoff of 918,000.

Storage in Jackson Lake is 503,000 acre-feet, as compared to an average of 520,000.

The discharge of the entire Snake River Basin in Wyoming is expected to be 3,300,000 at Heise, Idaho, or 79 percent of the ten year average.

### LOWER YELLOWSTONE BASIN

Snow cover in the Wind River above Riverton is 89 percent of normal. Below normal temperatures during April have held up the snow melt and the soil recharge in this area, therefore the existing soil moisture deficit and the expected heavy diversions above Riverton, to make up for the light April precipitation, will reduce the discharge at this station to about 47 percent of normal.

The same conditions exist on the Popo Agie water shed. The snow cover is standing at 88 percent with an expected harvest of 280,000 acre-feet at Riverton, or about 70 percent of the normal runoff.

Boysen and Buffalo Bill reservoirs are standing at 93 percent and 43 percent of their respective ten year averages. The April 1, - September 30, discharge into Boysen is estimated to be 645,000 at 60 percent, and the Shoshone forecast is 560,000 acre-feet, or 70 percent of the 1943-1952, average.

### THE POWDER AND TONGUE RIVER BASINS

The flow from the Big Horn Mountains is expected to range from 85 percent at Buffalo, to 93 percent for the Powder at Arvada and an estimated 100 percent for the Tongue at Dayton. The mountain soil in these areas is believed to be close to field capacity, requiring little more of the existing snow pack.

1. The first part of the report is devoted to a general

introduction.

The second part

is devoted to a detailed description of the experimental  
method used in the present investigation. The results of the  
measurements are given in the following tables. The first  
table shows the values of the various quantities measured  
in the present investigation. The second table shows the  
values of the various quantities calculated from the  
measured values.

The third part of the report is devoted to a discussion  
of the results of the present investigation.

The fourth part of the report is devoted to a summary  
of the results of the present investigation.

REFERENCES

The following references are given in the present report:  
1. J. J. Thomson, *Philosophical Magazine*, **1906**, *11*,  
2. J. J. Thomson, *Philosophical Magazine*, **1907**, *12*,  
3. J. J. Thomson, *Philosophical Magazine*, **1908**, *13*,  
4. J. J. Thomson, *Philosophical Magazine*, **1909**, *14*,  
5. J. J. Thomson, *Philosophical Magazine*, **1910**, *15*,  
6. J. J. Thomson, *Philosophical Magazine*, **1911**, *16*,  
7. J. J. Thomson, *Philosophical Magazine*, **1912**, *17*,  
8. J. J. Thomson, *Philosophical Magazine*, **1913**, *18*,  
9. J. J. Thomson, *Philosophical Magazine*, **1914**, *19*,  
10. J. J. Thomson, *Philosophical Magazine*, **1915**, *20*.

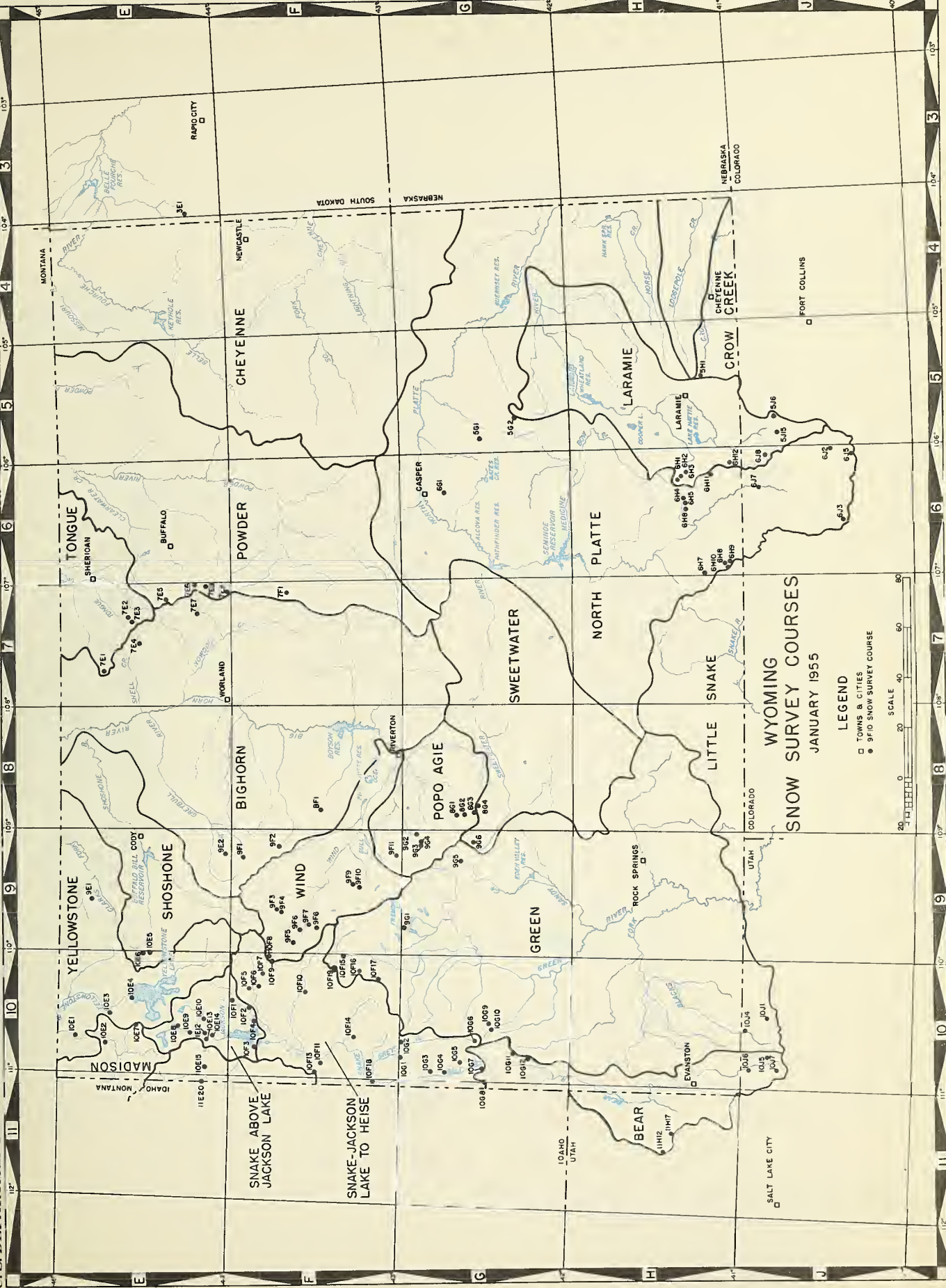
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1. J. J. Thomson, *Philosophical Magazine*, **1906**, *11*,  
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5. J. J. Thomson, *Philosophical Magazine*, **1910**, *15*,  
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5. J. J. Thomson, *Philosophical Magazine*, **1910**, *15*,  
6. J. J. Thomson, *Philosophical Magazine*, **1911**, *16*,  
7. J. J. Thomson, *Philosophical Magazine*, **1912**, *17*,  
8. J. J. Thomson, *Philosophical Magazine*, **1913**, *18*,  
9. J. J. Thomson, *Philosophical Magazine*, **1914**, *19*,  
10. J. J. Thomson, *Philosophical Magazine*, **1915**, *20*.

APPENDIX

The following references are given in the present report:  
1. J. J. Thomson, *Philosophical Magazine*, **1906**, *11*,  
2. J. J. Thomson, *Philosophical Magazine*, **1907**, *12*,  
3. J. J. Thomson, *Philosophical Magazine*, **1908**, *13*,  
4. J. J. Thomson, *Philosophical Magazine*, **1909**, *14*,  
5. J. J. Thomson, *Philosophical Magazine*, **1910**, *15*,  
6. J. J. Thomson, *Philosophical Magazine*, **1911**, *16*,  
7. J. J. Thomson, *Philosophical Magazine*, **1912**, *17*,  
8. J. J. Thomson, *Philosophical Magazine*, **1913**, *18*,  
9. J. J. Thomson, *Philosophical Magazine*, **1914**, *19*,  
10. J. J. Thomson, *Philosophical Magazine*, **1915**, *20*.





# INDEX TO WYOMING SNOW COURSES

Drainage Basin and Course Name	Wyoming Number	Location			Record Began	Measuring Dates <sup>a</sup>	Measured By: <sup>b</sup>	Drainage Basin and Course Name	Wyoming Number	Location			Record Began	Measuring Dates <sup>a</sup>	Measured By: <sup>b</sup>	
		Elev.	Sec. Lat.	Range Twp.						Elev.	Sec. Lat.	Range Twp.				
<b>MISSOURI RIVER DRAINAGE</b>							<b>COLORADO RIVER DRAINAGE</b>									
<b>YELLOWSTONE</b>							<b>GREEN RIVER</b>									
Canyon	10E3	7750	44°44'	110°30'	1938	1,2,3,4,5	4	Dutch Joe R.S.	9G5	8700	32	37N	104W	1936	4,5	4
Lake Camp	10E4	7850	44°34'	110°24'	1937	1,2,3,4,5	4	Mulligan Park	9E1	8900	17	35N	103W	1936	3,4,5	4
Lodgepole	9E1	8200	32	56N	106W	1940	1,4	Kendall R.S.	10F15	7900	23	38N	110W	1936	3,4,5	4
Lupine Creek	10E1	7300	44°05'	110°37'	1938	1,2,3,4,5	2	Loomis Park	10F16	8500	14	37N	111W	1936	3,4,5	4
<b>WIND RIVER</b>							<b>SNYDER BASIN (Above Jackson Lake)</b>									
Brooks Lake #3	10F8	9200	23	44N	110W	1939	4	Snyder Basin R.S.	10G9	8040	15	29N	114W	1937	4,5	4
Burroughs Creek	9F4	8800	15	43N	107W	1948	4	Piney-LaBarge	10G10	8820	19	29N	114W	1937	4,5	4
Dimwoodie	9F10	10000	9	38N	105W	1948	4	East Rim Divide	10F17	7950	32	37N	111W	1936	1,2,3,4,5	4
Jry Creek	9F9	9500	34	44N	105W	1948	4	<b>COLUMBIA RIVER DRAINAGE</b>								
DuNoir	9F6	8750	27	42N	103W	1940	4	<b>SNAKE RIVER BASIN (Above Jackson Lake)</b>								
Jeyser Creek	9F7	8500	12	41N	103W	1948	4	Arizona	10F1	6850	3	46N	113W	1919	1,2,3,4	5
Little Warm	9F8	9500	24	41N	103W	1948	4	Aster Creek	10E8	7700	44°017'	110°37'	1919	1,2,3,4,5	5	
Sheridan R.S.	9F5	7500	3	42N	109W	1939	4	Base Camp	10F2	6900	20	46N	113W	1947	5	5
S-Cross Ranch	9F3	8000	1	43N	107W	1940	4	Coulter Creek	10E10	7600	44°009'	110°33'	1919	1,2,3,4,5	2	
Topwote Pass	10F9	9600	29	44N	110W	1936	5	Glade Creek	10E13	7200	44°008'	110°44'	1919	1,2,3,4,5	5	
<b>POPO AGIE RIVER</b>							<b>LEWIS LAKE DIVIDE</b>									
Blue Ridge	8G2	9500	23	31N	101W	1939	1	Moran	10F4	6800	8 & 17	45N	114W	1919	1,2,3,4	5
Hobbs Park	9G3	10000	22	2S	3W	1948	4	Moran Bay	10F3	6800	14	45N	116W	1919	1,2,3,4	5
Mosquito Park R.S.	9G4	9500	23	2S	3W	1940	4	Snake River Station	10E12	6780	44°008'	110°40'	1919	1,2,3,4,5	5	
Sawmill Glade	8G1	8500	3	31N	101W	1939	4	Thumb Divide	10E7	7900	44°022'	110°35'	1951	1,2,3,4	5	
South Pass	8G3	9000	13	30N	101W	1939	4	<b>JACKSON LAKE TO HEISE</b>								
St. Lawrence R.S.	9F11	9000	26	1N	4W	1940	4	Afton Ranger Sta.	10G4	6200	30	32N	118W	1936	1,2,3,4,5	1
Trout Creek	9G2	8400	5	2S	2W	1948	4	Blackrock	10F7	8600	4	44N	111W	1936	2,3,4,5	5
<b>BIG HORN RIVER</b>							<b>BLIND BULL</b>									
Beavers Mill	9F2	8900	6	43N	102W	1948	4	Blind Bull	10G2	8750	6	34N	115W	1948	3,4	4
Owl Creek	8F1	8700	36	43N	101W	1948	4	Bryan Flat	10F14	6250	9	38N	115W	1936	1,2,3,4,5	4
Tensleep R.S.	7E7	8300	30	49N	86W	1935	1,4	CCC Camp	10G7	7500	9	29W	118W	1936	1,2,3,4,5	1,4
Timber Creek	9E2	8800	25	47N	103W	1948	1,4	Cottonwood Lake	10G5	7500	25	31N	118W	1936	3,4	4
Ranger Creek	7E4	8900	32	53N	88W	1935	1,4	Deadman Ranch	10G1	6534	28	35N	116W	1936	1,2,3,4,5	4
Wood River	9F1	8000	28	46N	103W	1939	4	Four Mile Meadows	10F6	7770	35	45N	112W	1936	2,3,4	5
<b>MAJIDSON RIVER</b>							<b>GREYS BOUNDARY</b>									
Norris Basin	10E2	7500	44°04'	110°42'	1936	3,4	2	Greys Boundary	10F18	5800	33	37N	118W	1936	1,2,3,4,5	1,4
Thumb Divide	10E7	7900	44°022'	110°35'	1946	1,2,3,4,5	5	Gros Ventre	10F19	8750	36	40N	111W	1948	3,4	4
<b>SHOSHONE RIVER</b>							<b>GROVER PARK DIVIDE</b>									
Sylvan Pass	10E5	7100	12	52N	110W	1936	2	Poison Meadows	10G6	8500	29	30N	116W	1948	3,4	4
East Entrance	10E6	7000	17	52N	109W	1948	2	Teton Pass #2	10F13	8500	24	41N	118W	1936	1,2,3,4	1
<b>TONGUE RIVER</b>							<b>TOGWOTE PASS</b>									
Burgess R.S.	7E1	7900	36	56N	87W	1950	4	Toiwote Pass	10F9	9600	29	44N	110W	1936	1,2,3,4,5	5
Dome Lake	7E3	8800	11	53N	87W	1950	4	Turpin Meadows	10P5	6930	14	44N	112W	1936	2,3,4	5
Big Goose	7E2	7700	4	53N	86W	1935	4	Yellowjacket	10F10	7675	33	42N	112W	1936	3,4,5	1
<b>POWDER RIVER</b>							<b>SNOW KING MOUNT. #1</b>									
Red Fork	7F1	7000	18	43N	85W	1936	4	Snow King Mount. #2	10F12	7200	4	40N	117W	1954	Semi. Mo.	4
Sour Dough	7E6	8500	17	49N	84W	1936	1	<b>HEISE TO AMERICAN FALLS</b>								
Soldier Park	7E5	8700	36	51N	85W	1950	4	Beehler R.S.	11E20	6400	44°009'	111°03'	1936	1,2,3,4,5	2	
Muddy Pass	7E8	9700	11	48N	85W	1950	1,4	Grassy Lake	10E15	7265	6	48N	117W	1940	1,2,3,4,5	5
North Powder	7E9	8500	5	47N	85W	1951	4	<b>BEAR RIVER</b>								
<b>SWEETWATER</b>							<b>SALT RIVER SUMMIT</b>									
Grannier Meadows	8G4	9000	19	30N	100W	1937	4	Salt River Summit	10G8	7900	---	---	---	---	---	---
Larsen Creek	9G6	9000	12	30N	103W	1949	4	Big Park	10G11	8700	7	27N	117W	1951	3,4	4
<b>NORTH PLATTE</b>							<b>KELLY R.S.</b>									
Bottle Creek	6E8	8200	24	11N	85W	1936	1,4	Kelly R.S.	10G12	8200	13	26N	118W	1951	3,4	4
Webber Spring	6E9	9000	27	11N	85W	1936	1,4	<b>INDEX TO COLORADO SNOW COURSES</b>								
Old Battle	6H10	9800	29	14N	85W	1936	1,4	<b>MISSOURI RIVER DRAINAGE</b>								
North French Creek	6H4	10200	27	16N	80W	1938	1,4	<b>NORTH PLATTE</b>								
North Barrett Cr. #2	6H5	9400	30	16N	80W	1936	1,4	Deadman Hill	5J6	10200	26	10N	75W	1937	3,4,5	4
Ryan Park #2	6H6	8400	31	16N	81W	1936	1,4	Reach	6J8	9800	5	10F	77W	1940	2,3,4,5	4
Spring Creek	6H7	9000	32	15N	85W	1949	1,4	McIntyre	5J15	9100	35	10N	76W	1949	2,3,4,5	4
Albany	6H11	9400	18	11W	78W	1949	1,4	Park View	6J2	9200	24	5N	78W	1946	2,3,4,5	4
LaBonte	5G2	8450	11	27N	74W	1949	4	Columbine	6J3	9300	21	5N	82W	1936	2,3,4,5	4
Boxelder	5G1	9000	31	30N	75W	1950	4	Willow Cr. Pass	6J5	9500	1	4W	78W	1938	2,3,4,5	4
Casper Mountain	6G1	8700	16	32N	79W	1954	4	Northgate	6J7	8500	7	11N	75W	1950	2,3,4,5	4
<b>LARAKIE RIVER</b>							<b>INDEX TO SOUTH DAKOTA SNOW COURSES</b>									
Brooklyn Lake	6H1	10200	11	16N	79W	1936	1,4	<b>MISSOURI RIVER DRAINAGE</b>								
Fox Park	6H2	9200	21	13N	78W	1936	1	<b>CHEYENNE RIVER</b>								
Libby Lodge #2	6H3	8700	23	16N	78W	1936	1,4	Upper Spearfish	3E1	6500	21	3W	1E	1944	2,3,4	1
Rairpin Turn #2	6H2	9500	24	16N	79W	1936	1,4	<b>INDEX TO UTAH SNOW COURSES</b>								
<b>CROW CREEK</b>							<b>COLUMBIA RIVER DRAINAGE</b>									
Pole Mountain #2	5H1	8700	35	15N	72W	1936	4	<b>BEAR RIVER</b>								
<b>BEAR RIVER</b>							Head of Bear River									
<b>BEAR RIVER</b>							Goodman Ranch									
<b>BEAR RIVER</b>							Hayden Fork									
<b>BEAR RIVER</b>							Monte Cristo, R.S.									
<b>BEAR RIVER</b>							Girl Hollow									
<b>BEAR RIVER</b>							Hole-in-the-Rook									
<b>BEAR RIVER</b>							Howinta Ranger Sta.									

a. Numerals 1,2,3,4 and 5 refer to January 1, February 1, March 1, April 1, and May 1.

b. Numerals refer to Agency that secures the snow survey, as follows:

1. U. S. Forest Service
2. U. S. National Park Service
3. U. S. Indian Service
4. Soil Conservation Service
5. U. S. Bureau of Reclamation



WYOMING DRAINAGE BASINS STREAMFLOW FORECASTS

May 1, 1955

BASIN AND TRIBUTARY	Seasonal Stream Flow in Thousands of Acre Feet				
	FORECAST April September	% of Average	Measured Runoff April - September 1953	1943 to 1952 Average	
<u>UPPER YELLOWSTONE IN YELLOWSTONE PARK</u>					
MADISON RIVER					
West Yellowstone (near)	180	84%	207	248	216
YELLOWSTONE RIVER					
Corwin Springs (at)	1610	80%	1649	2171	2012
CLARK FORK RIVER					
Chance (at)	408	65%	519	576	629
<u>SNAKE RIVER BASIN</u>					
SNAKE RIVER					
Moran (below)	770	84%	806	993	918
Heise, Idaho (near)	3300	79%	--	4363	4174
<u>LOWER YELLOWSTONE BASIN</u>					
WIND RIVER					
Riverton (at)	270	47%	239	-354	575
BIGHORN RIVER					
Boysen Reservoir (below)	645	60%	611	884	1079
Kane (at)	820	54%	798	1276	1518
St. Xavier (near)	1375	60%	--	1286	2290
BULL LAKE CREEK					
Lenor (near)	160	80%	160	203	200
POPO AGIE RIVER					
Riverton (near)	280	70%	218	450	400
GREYBULL RIVER					
Meeteetse (at)	130	56%	157	278	233
Basin (near)	39	34%	37	173	116
SHOSHONE RIVER					
Buffalo Bill Dam (below)	560	70%	582	695	802
Byron (at)	377	60%	356	484	628
TONGUE RIVER					
Dayton (near)	115	100%	96	104	115
Acme (near)	247	90%	200	239	274
Decker, Montana (near)	254	90%	--	249	282

MEMORANDUM

DATE: 10/15/54

NO.	NAME	ADDRESS	CITY	STATE	REMARKS
1	Mr. J. H. Smith	123 Main St.	Chicago	Ill.	(Mr. J. H. Smith, 123 Main St., Chicago, Ill.)
2	Mr. R. L. Jones	456 Elm St.	Chicago	Ill.	(Mr. R. L. Jones, 456 Elm St., Chicago, Ill.)
3	Mr. T. G. White	789 Oak St.	Chicago	Ill.	(Mr. T. G. White, 789 Oak St., Chicago, Ill.)
4	Mr. A. B. Black	101 Pine St.	Chicago	Ill.	(Mr. A. B. Black, 101 Pine St., Chicago, Ill.)
5	Mr. C. D. Green	202 Maple St.	Chicago	Ill.	(Mr. C. D. Green, 202 Maple St., Chicago, Ill.)
6	Mr. E. F. Brown	303 Cedar St.	Chicago	Ill.	(Mr. E. F. Brown, 303 Cedar St., Chicago, Ill.)
7	Mr. G. H. Gray	404 Birch St.	Chicago	Ill.	(Mr. G. H. Gray, 404 Birch St., Chicago, Ill.)
8	Mr. I. J. White	505 Spruce St.	Chicago	Ill.	(Mr. I. J. White, 505 Spruce St., Chicago, Ill.)
9	Mr. K. L. Black	606 Fir St.	Chicago	Ill.	(Mr. K. L. Black, 606 Fir St., Chicago, Ill.)
10	Mr. M. N. Green	707 Ash St.	Chicago	Ill.	(Mr. M. N. Green, 707 Ash St., Chicago, Ill.)
11	Mr. O. P. Brown	808 Hickory St.	Chicago	Ill.	(Mr. O. P. Brown, 808 Hickory St., Chicago, Ill.)
12	Mr. Q. R. Gray	909 Walnut St.	Chicago	Ill.	(Mr. Q. R. Gray, 909 Walnut St., Chicago, Ill.)
13	Mr. S. T. White	1010 Chestnut St.	Chicago	Ill.	(Mr. S. T. White, 1010 Chestnut St., Chicago, Ill.)
14	Mr. U. V. Black	1111 Olive St.	Chicago	Ill.	(Mr. U. V. Black, 1111 Olive St., Chicago, Ill.)
15	Mr. W. X. Green	1212 Madison St.	Chicago	Ill.	(Mr. W. X. Green, 1212 Madison St., Chicago, Ill.)
16	Mr. Y. Z. Brown	1313 Monroe St.	Chicago	Ill.	(Mr. Y. Z. Brown, 1313 Monroe St., Chicago, Ill.)
17	Mr. A. B. Gray	1414 Taylor St.	Chicago	Ill.	(Mr. A. B. Gray, 1414 Taylor St., Chicago, Ill.)
18	Mr. C. D. White	1515 Jackson St.	Chicago	Ill.	(Mr. C. D. White, 1515 Jackson St., Chicago, Ill.)
19	Mr. E. F. Black	1616 Adams St.	Chicago	Ill.	(Mr. E. F. Black, 1616 Adams St., Chicago, Ill.)
20	Mr. G. H. Green	1717 Franklin St.	Chicago	Ill.	(Mr. G. H. Green, 1717 Franklin St., Chicago, Ill.)

WYOMING DRAINAGE BASINS STREAMFLOW FORECASTS (Continued)

MAY 1, 1955

BASIN AND TRIBUTARY	Seasonal Stream Flow in Thousands of Acre Feet				
	FORECAST April September	% of Average	Measured Runoff April - September 1953	1952	1943 to 1952 Average
<u>POWDER RIVER</u>					
Arvada (at)	132	93%	76	125	143
Moorhead, Montana (at)	205	72%	--	235	285
Locate, Montana (at)	265	73%	--	303	361
<u>CLEAR CREEK</u>					
Buffalo (near)	34	85%	27	35	40
Arvada (near)	101	80%	72	100	126
<u>NORTH PLATTE BASIN</u>					
<u>SWEETWATER RIVER</u>					
Alcova (at)	56	65%	42	100	86
<u>NORTH PLATTE RIVER</u>					
Saratoga (at)	500	70%	428	1053	718
<u>MEDICINE BOW</u>					
Hanna (near)	79	68%	60	144	116
<u>LARAMIE</u>					
Jelm (at)	65	64%	64	124	101
Lookout (at)	49	55%	28	96	89
<u>UPPER COLORADO BASIN</u>					
<u>GREEN RIVER</u>					
Linwood (at)	750	50%	1669	1651	1490
<u>GREAT BASIN</u>					
<u>BEAR RIVER</u>					
Evanston, Wyo. (near)	95	59%	113	268	161
Harer, Idaho (at)	155	45%	184	487	345
Smith's Fork, Border (near)	80	66%	99	126	122

TABLE 1. THE NUMBER OF SPECIES OF THE ORDER COLEOPTERA

IN THE USSR

TABLE 1. THE NUMBER OF SPECIES OF THE ORDER COLEOPTERA IN THE USSR

Number of species

Number of genera

Number of subgenera

Number of species

Number of genera

Number of subgenera

Order	Number of species	Number of genera	Number of subgenera	Number of species	Number of genera	Number of subgenera
1. Beetles	100,000	10,000	1,000	100,000	10,000	1,000
2. Ground Squirrels	100	10	1	100	10	1
3. Mice	100	10	1	100	10	1
4. Rabbits	100	10	1	100	10	1
5. Squirrels	100	10	1	100	10	1
6. Chipmunks	100	10	1	100	10	1
7. Weasels	100	10	1	100	10	1
8. Badgers	100	10	1	100	10	1
9. Martens	100	10	1	100	10	1
10. Fishers	100	10	1	100	10	1
11. Skunks	100	10	1	100	10	1
12. Minks	100	10	1	100	10	1
13. Otters	100	10	1	100	10	1
14. Badgers	100	10	1	100	10	1
15. Martens	100	10	1	100	10	1
16. Fishers	100	10	1	100	10	1
17. Skunks	100	10	1	100	10	1
18. Minks	100	10	1	100	10	1
19. Otters	100	10	1	100	10	1
20. Badgers	100	10	1	100	10	1
21. Martens	100	10	1	100	10	1
22. Fishers	100	10	1	100	10	1
23. Skunks	100	10	1	100	10	1
24. Minks	100	10	1	100	10	1
25. Otters	100	10	1	100	10	1
26. Badgers	100	10	1	100	10	1
27. Martens	100	10	1	100	10	1
28. Fishers	100	10	1	100	10	1
29. Skunks	100	10	1	100	10	1
30. Minks	100	10	1	100	10	1
31. Otters	100	10	1	100	10	1
32. Badgers	100	10	1	100	10	1
33. Martens	100	10	1	100	10	1
34. Fishers	100	10	1	100	10	1
35. Skunks	100	10	1	100	10	1
36. Minks	100	10	1	100	10	1
37. Otters	100	10	1	100	10	1
38. Badgers	100	10	1	100	10	1
39. Martens	100	10	1	100	10	1
40. Fishers	100	10	1	100	10	1
41. Skunks	100	10	1	100	10	1
42. Minks	100	10	1	100	10	1
43. Otters	100	10	1	100	10	1
44. Badgers	100	10	1	100	10	1
45. Martens	100	10	1	100	10	1
46. Fishers	100	10	1	100	10	1
47. Skunks	100	10	1	100	10	1
48. Minks	100	10	1	100	10	1
49. Otters	100	10	1	100	10	1
50. Badgers	100	10	1	100	10	1
51. Martens	100	10	1	100	10	1
52. Fishers	100	10	1	100	10	1
53. Skunks	100	10	1	100	10	1
54. Minks	100	10	1	100	10	1
55. Otters	100	10	1	100	10	1
56. Badgers	100	10	1	100	10	1
57. Martens	100	10	1	100	10	1
58. Fishers	100	10	1	100	10	1
59. Skunks	100	10	1	100	10	1
60. Minks	100	10	1	100	10	1
61. Otters	100	10	1	100	10	1
62. Badgers	100	10	1	100	10	1
63. Martens	100	10	1	100	10	1
64. Fishers	100	10	1	100	10	1
65. Skunks	100	10	1	100	10	1
66. Minks	100	10	1	100	10	1
67. Otters	100	10	1	100	10	1
68. Badgers	100	10	1	100	10	1
69. Martens	100	10	1	100	10	1
70. Fishers	100	10	1	100	10	1
71. Skunks	100	10	1	100	10	1
72. Minks	100	10	1	100	10	1
73. Otters	100	10	1	100	10	1
74. Badgers	100	10	1	100	10	1
75. Martens	100	10	1	100	10	1
76. Fishers	100	10	1	100	10	1
77. Skunks	100	10	1	100	10	1
78. Minks	100	10	1	100	10	1
79. Otters	100	10	1	100	10	1
80. Badgers	100	10	1	100	10	1
81. Martens	100	10	1	100	10	1
82. Fishers	100	10	1	100	10	1
83. Skunks	100	10	1	100	10	1
84. Minks	100	10	1	100	10	1
85. Otters	100	10	1	100	10	1
86. Badgers	100	10	1	100	10	1
87. Martens	100	10	1	100	10	1
88. Fishers	100	10	1	100	10	1
89. Skunks	100	10	1	100	10	1
90. Minks	100	10	1	100	10	1
91. Otters	100	10	1	100	10	1
92. Badgers	100	10	1	100	10	1
93. Martens	100	10	1	100	10	1
94. Fishers	100	10	1	100	10	1
95. Skunks	100	10	1	100	10	1
96. Minks	100	10	1	100	10	1
97. Otters	100	10	1	100	10	1
98. Badgers	100	10	1	100	10	1
99. Martens	100	10	1	100	10	1
100. Fishers	100	10	1	100	10	1



COMPARISON OF SNOW COVER WITH THAT OF PREVIOUS YEARS  
 Summary of Snow Survey Data by Watersheds as of May 1, 1955

BASIN	NO. OF COURSES AVERAGED	YEARS OF RECORD	1955	SNOW WATER EXPRESSED AS PERCENTAGE OF	
			1954	1953	Average
Snake River Basin in Wyoming	8	3-9	95%	127%	101%
Upper Yellowstone in Yellowstone Park	3	7-10	113%	123%	114%
Madison River in Yellowstone Park	2	4-21	182%	145%	235%
Lower Yellowstone - Shoshone River	1	14	--	--	115%
Lower Yellowstone - Clark Fork	1	17	78%	81%	103%
Lower Yellowstone - Wind River	14	6-19	83%	93%	89%
Lower Yellowstone - Popo Agie River	6	6-19	89%	126%	88%
Lower Yellowstone - Owl Creek	2	6-6	67%	44%	69%
Lower Yellowstone - Greybull River	2	4-15	79%	66%	56%
Lower Yellowstone - Tongue River	3	5-18	105%	61%	105%
Lower Yellowstone - Shell Creek	2	6-18	109%	88%	119%
Lower Yellowstone - Nowood Creek	3	5-19	114%	108%	130%
Lower Yellowstone - Clear Creek on the Powder River	2	4-18	96%	83%	93%
Lower Yellowstone - Crazy Woman Creek on the Powder River	3	3-18	125%	97%	114%
North Platte above Seminoe Reservoir	14	5-19	127%	86%	73%
North Platte - Sweetwater River	3	5-18	88%	145%	80%
Laramie River Basin	9	6-19	116%	78%	64%
Pole Mountain	1	18	--	--	--
North Laramie Mountains	2	5-6	42%	75%	113%
Upper Colorado - Green River	8	3-19	85%	76%	75%

Year	Month	Day	Time	Location	Remarks
1900	Jan	1	10:00	...	...
1900	Jan	2	10:00	...	...
1900	Jan	3	10:00	...	...
1900	Jan	4	10:00	...	...
1900	Jan	5	10:00	...	...
1900	Jan	6	10:00	...	...
1900	Jan	7	10:00	...	...
1900	Jan	8	10:00	...	...
1900	Jan	9	10:00	...	...
1900	Jan	10	10:00	...	...
1900	Jan	11	10:00	...	...
1900	Jan	12	10:00	...	...
1900	Jan	13	10:00	...	...
1900	Jan	14	10:00	...	...
1900	Jan	15	10:00	...	...
1900	Jan	16	10:00	...	...
1900	Jan	17	10:00	...	...
1900	Jan	18	10:00	...	...
1900	Jan	19	10:00	...	...
1900	Jan	20	10:00	...	...
1900	Jan	21	10:00	...	...
1900	Jan	22	10:00	...	...
1900	Jan	23	10:00	...	...
1900	Jan	24	10:00	...	...
1900	Jan	25	10:00	...	...
1900	Jan	26	10:00	...	...
1900	Jan	27	10:00	...	...
1900	Jan	28	10:00	...	...
1900	Jan	29	10:00	...	...
1900	Jan	30	10:00	...	...

## WYOMING SNOW SURVEYS, MAY 1, 1955

DRAINAGE BASIN AND SNOW COURSE			SNOW COVER MEASUREMENTS						
			1955		Past Record			Years of Record	
			Date of Survey	Snow Depth (In.)	Water Content (In.)	1954	1953		Ave.
STATE	ELEV.								
<u>SNAKE RIVER BASIN IN WYOMING</u>									
Lewis Lake Divide	Wyo.	7900	4/29	105	40.8	49.0	41.2	44.9	3
CCC Camp	Wyo.	7500	4/29	22	7.5	2.7	2.4	4.7	5
East Rim Divide	Wyo.	7950	4/28	25	8.2	10.7	11.3	10.9	9
Grassy Lake	Wyo.	7265	4/29	87	36.4	30.5	NR	23.1	12
Grover Park Divide	Wyo.	7500	5/2	24	7.8	3.1	4.6	4.7	5
Snow King Mountain	Wyo.	7600	5/2	29	7.8	10.6	7.5	10.5	4
Teton Pass No. 2	Wyo.	8500	4/29	96	35.2	40.4	39.0	40.7	6
Togwotee Pass	Wyo.	9600	4/29	84	30.6	37.0	31.7	33.8	6
<u>UPPER YELLOWSTONE IN YELLOWSTONE PARK</u>									
Canyon	Wyo.	7750	4/28	45	14.5	NR	NR	11.6	6
Cooke City	Mont.	7400	4/30	18	6.6	5.2	5.4	5.0	10
Lake Camp	Wyo.	7850	4/30	28	8.7	8.1	6.5	7.7	9
Lupine Creek	Wyo.	7300	4/30	26	10.5	9.5	9.0	5.2	7
<u>LOWER YELLOWSTONE - SHOSHONE RIVER</u>									
Sylvan Pass	Wyo.	7100	4/30	25	9.0	NR	NR	7.8	14
<u>MADISON RIVER IN YELLOWSTONE PARK</u>									
Norris Basin	Wyo.	7500	5/2	26	8.3	6.3	--	3.4	4
West Yellowstone	Mont.	6700	4/28	22	8.4	2.8	5.8	3.7	21
<u>LOWER YELLOWSTONE - WIND RIVER</u>									
Brooks Lake	Wyo.	9200	4/23	69	27.9	32.3	28.6	25.8	19
Burroughs Creek	Wyo.	8800	4/26	29	9.4	16.7	17.0	16.4	6
Dinwoody	Wyo.	10000	4/22	38	11.9	16.9	14.9	15.5	6
Dry Creek	Wyo.	9500	4/22	21	5.7	8.6	9.4	8.3	6
DuNoir	Wyo.	8750	4/25	21	6.8	8.3	6.3	6.9	13
Geyser Creek	Wyo.	8500	4/25	22	7.1	6.5	5.8	5.4	6
Hobbs Park	Wyo.	10000	4/29	53	19.0	22.6	11.9	23.1	6
Little Warm	Wyo.	9500	4/25	61	19.2	23.3	19.0	21.9	6
Mosquito R. S.	Wyo.	9500	4/29	22	8.0	7.4	7.7	7.1	9
St. Lawrence R. S.	Wyo.	9000	4/30	20	6.8	5.4	5.1	7.4	11
Sheridan R. S.	Wyo.	7500	4/23	11	4.7	4.6	5.8	2.4	14
T-Cross Ranch	Wyo.	8000	4/26	8	2.7	5.8	5.5	3.9	13
Togwotee Pass	Wyo.	9600	4/29	84	30.6	37.0	31.7	33.8	6
Trout Creek	Wyo.	8400	4/29	2	0.8	0.0	4.7	2.4	6





WYOMING SNOW SURVEYS, MAY 1, 1955

DRAINAGE BASIN AND SNOW COURSE		State Elev.		SNOW COVER MEASUREMENTS					
				1955		Past Record		Years of Ave. Record	
				Date of Survey	Snow Depth (In.)	Water Content (In.)	1954		1953
<u>LOWER YELLOWSTONE - POPO AGIE RIVER</u>									
Blue Ridge	Wyo.	9500	5/1	28	11.0	12.3	9.3	12.4	15
Grannier Meadows	Wyo.	9000	5/1	35	13.1	16.0	9.7	14.0	18
Hobbs Park	Wyo.	10000	4/29	53	19.0	22.6	11.9	23.1	6
Mosquito R. S.	Wyo.	9500	4/29	22	8.0	7.4	7.7	7.1	9
Sawmill Glade	Wyo.	8500	5/1	8	3.2	2.0	5.6	6.8	15
South Pass	Wyo.	9000	5/1	37	14.0	16.8	10.2	14.0	15
<u>LOWER YELLOWSTONE - OWL CREEK</u>									
Beavers Mill	Wyo.	8900	5/4	20	5.1	8.7	14.3	8.0	6
Owl Creek	Wyo.	8700	5/4	20	5.8	7.6	10.4	7.7	6
<u>LOWER YELLOWSTONE - GREYBULL RIVER</u>									
Timber Creek	Wyo.	8800	4/30	9	2.7	3.1	NR	5.1	4
Wood River	Wyo.	8000	5/1	7	2.3	3.2	3.5	3.9	15
<u>LOWER YELLOWSTONE - CLARK'S FORK</u>									
Lodge Pole	Wyo.	8200	4/30	28	9.2	11.8	11.3	8.9	17
<u>LOWER YELLOWSTONE - TONGUE RIVER</u>									
Big Goose	Wyo.	7700	5/3	7	2.6	1.1	5.9	2.8	18
Dome Lake	Wyo.	8800	5/2	24	7.9	8.9	11.2	7.2	6
<u>LOWER YELLOWSTONE - SHELL CREEK</u>									
Dome Lake*	Wyo.	8800	5/2	24	7.9	8.9	11.2	7.2	6
Ranger Creek	Wyo.	8800	4/29	29	8.3	5.9	7.3	6.4	18

\* Adjacent Basin

STATE OF TEXAS - DEPARTMENT OF COMMERCE

Item	Quantity	Unit Price	Total Price	Notes
...	...	...	...	...

STATE OF TEXAS - DEPARTMENT OF COMMERCE

...	...	...	...	...
...	...	...	...	...
...	...	...	...	...
...	...	...	...	...
...	...	...	...	...
...	...	...	...	...

STATE OF TEXAS - DEPARTMENT OF COMMERCE

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STATE OF TEXAS - DEPARTMENT OF COMMERCE

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STATE OF TEXAS - DEPARTMENT OF COMMERCE

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STATE OF TEXAS - DEPARTMENT OF COMMERCE

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STATE OF TEXAS - DEPARTMENT OF COMMERCE

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...	...	...	...	...



WYOMING SNOW SURVEYS, MAY 1, 1955

DRAINAGE BASIN AND SNOW COURSE		STATE	ELEV.	SNOW COVER MEASUREMENTS					Years of Record
				1955		Past Record			
			Date Survey	Snow Depth (In.)	Water Content (In.)	1954	1953	Ave.	
<u>LOWER YELLOWSTONE - NOWOOD CREEK</u>									
Muddy Pass	Wyo.	9700	4/30	33	9.5	7.8	10.0	8.3	5
Ranger Creek*	Wyo.	8800	4/29	29	8.3	5.9	7.3	6.4	18
Tensleep	Wyo.	8300	4/29	19	7.1	3.6	5.8	4.4	19
<u>LOWER YELLOWSTONE - CLEAR CREEK ON THE POWDER RIVER</u>									
Soldier Park	Wyo.	8700	5/5	12	4.5	3.6	3.8	4.3	4
Sour Dough	Wyo.	8500	4/29	17	4.2	5.5	6.7	5.1	18
<u>LOWER YELLOWSTONE - CRAZY WOMAN CREEK ON THE POWDER RIVER</u>									
Muddy Pass	Wyo.	9700	4/30	33	9.5	7.8	10.0	8.3	5
North Powder	Wyo.	8500	5/4	16	5.5	2.0	3.0	3.4	3
Sour Dough	Wyo.	8500	4/29	17	4.2	5.5	6.7	5.1	18
<u>NORTH PLATTE ABOVE SEMINCE RESERVOIR</u>									
Albany*	Wyo.	9400	4/30	10	4.1	2.0	10.4	11.3	6
Bottle Creek**	Wyo.	8200	4/26	29	10.0	7.0	9.9	9.6	19
Cameron Pass	Colo.	10300	4/28	44	16.9	17.5	21.8	23.7	19
Columbine Lodge	Colo.	9300	4/29	43	19.3	8.7	25.9	20.2	19
Fox Park*	Wyo.	9200	4/29	0	0.0	0.0	1.8	5.2	19
North Barrett Creek	Wyo.	9400	4/25	48	16.9	14.9	13.7	21.2	19
North Gate	Colo.	8500	4/29	0	0.0	0.0	1.8	2.5	5
North French Creek	Wyo.	10200	4/25	68	26.3	26.5	26.3	32.5	17
Old Battle	Wyo.	9800	4/26	66	26.0	24.2	27.2	33.4	19
Park View	Colo.	9200	4/29	7	1.5	0.8	6.6	7.0	19
Ryan Park	Wyo.	8400	4/25	21	7.7	3.2	3.9	7.1	19
Spring Creek**	Wyo.	9000	4/26	33	12.8	8.2	12.2	15.4	6
Webber Spring**	Wyo.	9000	4/26	35	13.0	9.0	13.7	16.8	19
Willow Creek Pass*	Colo.	9300	4/29	17	4.2	2.7	8.3	12.6	17

\* Adjacent Basin

\*\* Geological Survey Elevation

Table 1

Table 1. Summary of the data for the first set of experiments. The table lists various parameters and their values for different experimental conditions.

Condition	Parameter 1	Parameter 2	Parameter 3	Parameter 4	Parameter 5	Parameter 6	Parameter 7	Parameter 8
1	1.2	0.8	1.5	0.9	1.1	0.7	1.3	0.6
2	1.4	0.9	1.6	1.0	1.2	0.8	1.4	0.7
3	1.3	0.7	1.4	0.8	1.0	0.6	1.2	0.5

Table 2

Table 2. Summary of the data for the second set of experiments. The table lists various parameters and their values for different experimental conditions.

Condition	Parameter 1	Parameter 2	Parameter 3	Parameter 4	Parameter 5	Parameter 6	Parameter 7	Parameter 8
1	1.1	0.7	1.4	0.8	1.0	0.6	1.2	0.5
2	1.3	0.8	1.5	0.9	1.1	0.7	1.3	0.6
3	1.2	0.6	1.3	0.7	0.9	0.5	1.1	0.4

Table 3

Table 3. Summary of the data for the third set of experiments. The table lists various parameters and their values for different experimental conditions.

Condition	Parameter 1	Parameter 2	Parameter 3	Parameter 4	Parameter 5	Parameter 6	Parameter 7	Parameter 8
1	1.0	0.6	1.3	0.7	0.9	0.5	1.1	0.4
2	1.2	0.7	1.4	0.8	1.0	0.6	1.2	0.5
3	1.1	0.5	1.2	0.6	0.8	0.4	1.0	0.3

Table 4

Table 4. Summary of the data for the fourth set of experiments. The table lists various parameters and their values for different experimental conditions.

Condition	Parameter 1	Parameter 2	Parameter 3	Parameter 4	Parameter 5	Parameter 6	Parameter 7	Parameter 8
1	0.9	0.5	1.2	0.6	0.8	0.4	1.0	0.3
2	1.1	0.6	1.3	0.7	0.9	0.5	1.1	0.4
3	1.0	0.4	1.1	0.5	0.7	0.3	0.9	0.2

WYOMING SNOW SURVEYS, MAY 1, 1955

			SNOW COVER MEASUREMENTS						
			1955			Past Record			
DRAINAGE BASIN AND SNOW COURSE	STATE	ELEV.	Date of Survey	Snow Depth (In.)	Water Content (In.)	Water Content (In.)		Years	
			(In.)	(In.)	1954	1953	Ave. Record		
<u>NORTH PLATTE - SWEETWATER RIVER</u>									
Grannier Meadows	Wyo.	8800	5/1	35	13.1	16.0	9.7	14.0	18
Larson Creek	Wyo.	9000	4/24	4	1.7	0.0	0.0	8.2	5
South Pass	Wyo.	9040	5/1	37	14.0	16.8	10.2	14.0	15
<u>NORTH PLATTE - LARAMIE RIVER</u>									
Albany	Wyo.	9400	4/30	10	4.1	2.0	10.4	11.3	6
Brooklyn Lake	Wyo.	10200	4/30	44	17.5	18.0	27.0	25.4	19
Deadman Hill	Colo.	10200	4/29	41	14.6	11.2	12.8	16.7	16
Fox Park	Wyo.	9200	4/29	0	0.0	0.0	1.8	5.2	19
Hairpin Turn	Wyo.	9500	4/29	22	6.7	6.5	11.7	11.4	19
Libby Lodge	Wyo.	8700	4/29	11	3.6	1.5	8.5	6.0	19
McEntryre	Colo.	9100	5/1	21	6.1	4.4	NS	8.8	6
Pole Mountain #2*	Wyo.	8700	5/2	0	0.0	0.4	0.0	2.1	18
Roach	Colo.	9800	4/30	45	16.4	15.7	15.9	20.4	14
<u>NORTH PLATTE - POLE MOUNTAIN</u>									
Pole Mountain	Wyo.	8700	5/2	0	0.0	0.4	0.0	2.1	18
<u>NORTH PLATTE - NORTH LARAMIE MOUNTAINS</u>									
Box Elder	Wyo.	9000	4/28	19	6.2	1.4	8.3	5.5	5
<u>UPPER COLORADO - GREEN RIVER</u>									
Big Park	Wyo.	8700	4/30	53	18.3	19.4	16.7	21.6	3
Dutch Joe	Wyo.	8700	4/24	5	1.9	0.9	0.6	4.0	18
East Rim Divide	Wyo.	7950	4/28	25	8.1	10.7	11.3	10.9	9
Kendall R. S.	Wyo.	7900	4/23	9	3.4	2.2	6.8	6.0	19
Loomis Park	Wyo.	8500	4/28	35	12.8	17.3	15.1	11.5	19
Mulligan Park	Wyo.	8900	4/26	20	6.0	8.5	6.5	6.9	19
Piney LaBarge	Wyo.	8820	4/28	26	9.3	7.9	14.7	14.2	19
Snyder Basin R. S.	Wyo.	8040	4/28	9	2.9	6.5	10.7	8.7	19

\* Adjacent Basin

UNITED STATES DEPARTMENT OF AGRICULTURE

BUREAU OF PLANT INDUSTRY  
 PLANT INTRODUCTION AND PROPAGATION  
 REPORT OF THE PLANT INTRODUCTION AND PROPAGATION SERVICE  
 FOR THE YEAR 1917

PLANT	ORIGIN	DATE	BY	NO.	STATUS	REMARKS
1	China	1917	W. C. Coker	1001	Received	...
2	China	1917	W. C. Coker	1002	Received	...
3	China	1917	W. C. Coker	1003	Received	...

PLANT	ORIGIN	DATE	BY	NO.	STATUS	REMARKS
4	China	1917	W. C. Coker	1004	Received	...
5	China	1917	W. C. Coker	1005	Received	...
6	China	1917	W. C. Coker	1006	Received	...
7	China	1917	W. C. Coker	1007	Received	...
8	China	1917	W. C. Coker	1008	Received	...
9	China	1917	W. C. Coker	1009	Received	...
10	China	1917	W. C. Coker	1010	Received	...

PLANT	ORIGIN	DATE	BY	NO.	STATUS	REMARKS
11	China	1917	W. C. Coker	1011	Received	...

PLANT	ORIGIN	DATE	BY	NO.	STATUS	REMARKS
12	China	1917	W. C. Coker	1012	Received	...

PLANT	ORIGIN	DATE	BY	NO.	STATUS	REMARKS
13	China	1917	W. C. Coker	1013	Received	...
14	China	1917	W. C. Coker	1014	Received	...
15	China	1917	W. C. Coker	1015	Received	...
16	China	1917	W. C. Coker	1016	Received	...
17	China	1917	W. C. Coker	1017	Received	...
18	China	1917	W. C. Coker	1018	Received	...
19	China	1917	W. C. Coker	1019	Received	...
20	China	1917	W. C. Coker	1020	Received	...



STATUS OF REBERVOIR STORAGE  
WYOMING AND SOUTH DAKOTA  
MAY 1, 1955

BASIN and STREAM	RESERVOIR	USABLE CAPACITY 1000 AF	ACTIVE STORAGE - 1000s ACRE FEET				10 yr. Ave. 1943-52***
			1955	1954	1953	1952	
Snake River	Jackson	847.0	503	450	485	406	520.5
North Platte	Seminole*	957.0	309.1	265.9	557.3	625.3	471.2
North Platte	Pathfinder*	1011.0	508.2	918.0	894.5	1017.4	618.1
North Platte	Alcova**	190.5	21.6	186.9	180.0	185.2	147.4
North Platte	Guernsey	39.8	25.8	38.8	17.5	49.7	29.8
North Platte	Southerland	185.0	50.0	45	64	--	43.3
North Platte	Kingsley	1995.0	1232.0	1590	1826	--	1397
North Platte	Lake Alice & Minatare	67.0	39.0	37.4	60.0	55.4	55.0
Kansas Basin	Box Butte	31.6		20.5	24.3	30.8	25.2
Kansas Basin	Bonny	39.9	40.1	39.2	30.5	29.6	17.1
Kansas Basin	Swanson Lake	116.1	45.0	25.1			
Kansas Basin	Enders	36.0	42.8	34.4	26.1	28.3	19.9
Kansas Basin	Harry Strunk	33.9	37.8	30.2	32.6	32.0	27.4
Kansas Basin	Harlan County	252.9	195.1	64.9			
Kansas Basin	Cedar Bluff	176.8	95.4	100.3	113.9	143.3	72.0
Laramie River	Wheatland	95.0	1.5	12.2	32.5	76.9	44.9
Belle Fourche	Belle Fourche	185.2	101.7	136.4	76.6	143.4	146.2
Shoshone River	Buffalo Bill	439.8	119.3	156.4	164.7	233.7	278.6
Wind River	Boysen	758.0	216.1	360.3	455.4	233.4	233.4
Wind River	Pilot Butte	31.6	29.4	25.3	29.4	19.1	20.5
Wind River	Bull Lake	152.0	61.1	62.3	51.0	33.9	51.5
Cheyenne River	Angostura	92.0	89.8	34.2	46.2	33.6	33.6
Cheyenne River	Deerfield	15.1	12.1	15.1	13.9	15.1	14.2
Cheyenne River	Keyhole	190.3	32.1	8.4	11.8	0.5	0.5
Grand River	Shadehill	84.0	79.7	83.3	83.4	118.8	118.8
Green River	Big Sandy	38.3	12.8	11.1			

\*Seminole, January 1943, August 1953, Usable Capacity 993,200 Acre Feet.  
 \*Pathfinder, January 1943, August 1953, Usable Capacity 1,040,500 Acre Feet.  
 \*\*Alcova, downstream from Seminole and Pathfinder and containing 166,000 Acre Feet of inactive storage that is unavailable to the Kendrick Project.  
 \*\*\*Some for Less.





VALLEY PRECIPITATION

In Percent of Normal

Basin	Jan.	Febr.	Mar.	Apr.
Wind River	25%	265%	75%	55%
Shoshone River	15%	195%	105%	50%
Big Horn River	25%	220%	75%	85%
Powder River	60%	170%	90%	100%
North Platte	100%	95%	105%	35%
Laramie River	90%	90%	85%	20%
Snake River	82%	86%	120%	99%



The data included in this report were obtained by the Soil Conservation Service in cooperation with the agencies named below:

STATE

State Engineer of Wyoming

FEDERAL

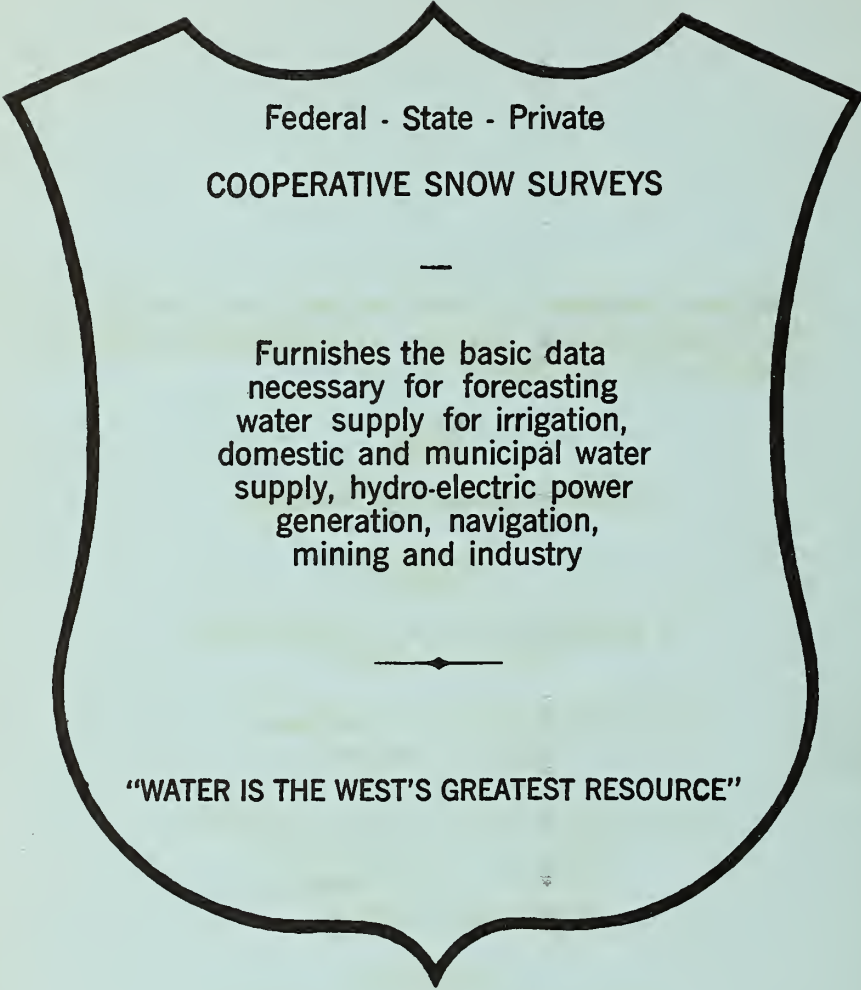
U. S. Department of Agriculture  
Forest Service

U. S. Department of Commerce  
Weather Bureau

U. S. Department of the Interior  
Bureau of Reclamation  
National Park Service  
Geological Survey

PRIVATE

Wheatland Irrigation District



Federal - State - Private  
COOPERATIVE SNOW SURVEYS

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

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"WATER IS THE WEST'S GREATEST RESOURCE"