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than a lack of flow to fill. For the most part, the main reservoirs in the ^Ddivision filled; however, the November 1st carry-over is less than average, particularly in ^{no.}district 58 where the bulk of the larger reservoirs ~~are~~ located.

Precipitation in the ^Ddivision during the irrigation season was for the most part below average. The only exception ~~being~~ ^{was} ^Ddistrict ^{no.}43 which had spring precipitation that compared favorably with the average. The summer and fall precipitation was generally far below normal.

The temperatures probably had more effect on crop production in the ^Ddivision than any other factor. A hard freeze on the ^{nights} ~~nites~~ of June 21 and 22 did untold damage to all crops including pasture, hay, and small grains and was for the most part general over the entire ^Ddivision.

Dry land hay was probably the hardest hit with production being cut in many instances as high as 70% below average. Dry land grain was probably next with production cut 10% below average to as much as 50%, depending on the location of the fields. Irrigated hay and pasture were probably the least damaged; however, the irrigated crops seemed to be some below average.

Small grains and hay were harvested under ideal weather conditions, making the quality of the crops produced much above average.

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All the Water Commissioners and deputies, with the exception of Mr. Goree, Commissioner in Districts ^{nos.} 44 and 57, took and passed the Civil Service tests in April. Mr. Charles Bloomfield resigned as Water Commissioner in District 43 and Mr. Thomas Watkins took his place in May. Mr. Watkins had previously worked as Water Commissioner in District 43 and needed no training to take over the job.

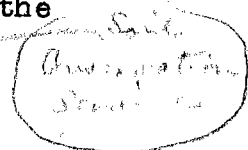
Mr. A. R. Goree was admitted to Veterans' Hospital in Grand Junction August 8th due to illness and was unable to work until September 14th. Mr. Roy Dale Steffen, Deputy Commissioner, did an excellent job of carrying on the work in Districts 44 and 57 during Mr. Goree's absence.

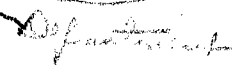
I spent a great deal of my time inspecting ditches and reservoirs and generally acquainting myself with the Division. Mr. Chase left a very complete file of records concerning business and complaints in the Division over the past forty years, which have ^{proved to be} proven invaluable in carrying on the Division's affairs.

One of the biggest problems arose on Middle Hunt Creek in District 58. The Allen Basin Reservoir, with a storage of 2250 acre feet, was constructed high on the drainage in 1956. The water has been measured at the outlet with a Parshall flume since that time, with considerable arguments as to the stream flow and reservoir flow

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between the water users on the drainage. Deputy Commissioner Charles Gregory has had to estimate flow into the reservoir, take gage ^{height} hight into consideration, and attempt to satisfy both reservoir users and stream users. It became apparent that this method ^{left} too much room for criticism, so the reservoir people were ask^{ed} to install ^Parshall ^flumes on the three inlets to the reservoir. These were installed in September. The water will be measured ^{through} ~~thru~~ the reservoir and it is hoped this will end the difficulty.

Interest in building reservoirs seemed to be high with two sites on Deep Creek in District ^{no} 58 being planned in the preliminary stages by ~~the~~ S.C.S. personnel and the ranchers. Several preliminary surveys were made on recreational reservoir sites for the State Game ^{and} Fish 

Construction was completed on a reservoir located on Wheeler Creek in District No. 58. The Lost Creek Reservoir was constructed for Mr. E. L. Flanagan by a private contractor under the engineering supervision of Stanley Dismuke. The dam was inspected at various stages of construction and the final inspection was made in October. This reservoir was constructed according to plans and specifications and will be used for fish culture and recreation. 

Several headgates and measuring flumes were constructed over the Division. All were placed in the ditches upon verbal request, with the exception of a measuring

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flume on the D.D. & E. Ditch in District 44. An order was issued by this office to the owner of the D.D. & E. Ditch for a Parshall flume which was installed at the end of the irrigation season.

The three headgates that were pending at the end of the 1959 irrigation season were all installed, two by Alfred Mack on Trout Creek in District 57 and one by Mike Pondella in the Davidson Dutton Ditch in District 54.

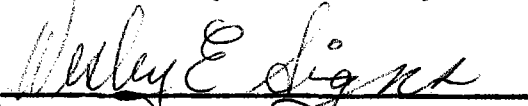
The cooperative operation carried on by the Wyoming Water Commissioner and the Water Commissioner of District No. 54 in Colorado, along the Little Snake Compact area, (as per agreement adopted by the State Engineers of both states and put into operation in the 1957 season) is still operating successfully, as no further complaints have reached this office.

A complaint was ^{received} received November the 11th from Julian Massey, Jensen, Utah, one of the two Colorado water users on Pot Creek. According to the complaint, William Karren, the second Colorado water user, has dammed Pot Creek solid and Massey is concerned about receiving his water in the spring. Upon investigating the situation, it was found that the Pot Creek area was closed for the winter, so investigation of this complaint will have to be postponed until the first thing in the spring.

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Mr. Ralph Owens, Deputy State Engineer, and Mr. Rees Brooks visited the Division on September 29th and 30th. They inspected the Fish Creek Reservoir, ^{the} Steamboat Springs domestic storage reservoir. They made several helpful suggestions pertaining to the spillway which has been a problem due to the terrific snow depths encountered at the site.

Respectfully submitted,



Irrigation Division Engineer
Division No. 6

TABULATION OF WATER COMMISSIONER'S ANNUAL
DITCH REPORTS FOR IRRIGATION SEASON OF 1960

DISTRICT NO.	NO. OF DITCHES REPORTED	AMOUNT OF A APPROPRIATION CUBIC FEET PER SECOND	CAPACITY OF DITCHES SEC. FEET	FIRST DAY WATER WAS USED	LAST DAY WATER WAS USED
43	51	520.67	673.00	3-20	10-20
44	118	524.76	847.00	4-4	10-25
54	49	144.40	359.00	4-28	10-30
55 & 56	NO WATER COMMISSIONER OR REPORT				
57	60	331.00	439.50	4-2	10-22
58	310	1691.92	1822.00	4-1	11-1
TOTAL	588	3212.75	4140.50	3-20-	11-1

DISTRICT NO.	AVERAGE NO. DAYS WATER CARRIED	AVERAGE DAILY AMOUNT CARRIED IN SEC. FEET	NO. OF ACRE FEET USED	TOTAL NO. ACRES IRRIGATED
43	121	280.44	80,086	15,011
44	51	474.24	49,977	25,783
54	73	198.95	32,228	9,655
57	79	236.42	39,417	14,539
58	68	1099.50	169,663	54,086
TOTAL	392	2289.55	371,371	119,074

TABULATION OF WATER COMMISSIONER'S ANNUAL RESERVOIR
REPORTS FOR IRRIGATION SEASON OF 1960

*Use of
water*

DISTRICT NO.	WATER USED FOR	NO. OF RESERVOIRS REPORTED	AREA OF H. W. L. ACRES	CAPACITY IN CUBIC FEET
43	NOT USED	2	11	¹⁸² 7,936,569
44	IRRIGATION	4	76	²²² 9,659,592
	STOCK WATER	5	55	¹⁷⁴ 7,564,413
	NOT USED	12	367	¹⁶⁵⁸ 72,208,170
	TOTAL	(22) ²¹	498	²⁰⁵⁴ 89,432,175
54	IRRIGATION	1	30	³⁹⁸ 17,345,000
	STOCK WATER	1	10	³³ 1,436,400
	TOTAL	2	40	⁴³¹ 18,781,400
57	IRRIGATION	4	175	¹⁵²⁸ 66,539,368
	STOCK WATER	6	92	¹¹⁶² 50,639,539
	NOT USED	3	10	⁵⁰² 21,887,687
	DOMESTIC	1	100	⁷¹¹ 30,975,295
	TOTAL	14	377	³⁹⁰³ 170,041,889
58	IRRIGATION	13	483	¹¹⁷⁵⁰ 511,872,796
	DOMESTIC	2	120	¹⁵⁷¹ 68,436,160
	TOTAL	15	603	¹³³²¹ 580,308,956
TOTAL ALL DISTRICTS	REPORTED	(53) ⁵⁴	1529	¹⁹⁸⁹¹ 866,500,989

Set up new headings

RESERVOIR TABULATION (CONT.)

DISTRICT NO.	QUANTITY OF WATER IN RESERVOIR MAY 1, CU.FT.	QUANTITY OR WATER IN RESERVOIR NOV. 1, CU.FT.	FIRST DAY WATER USED FROM RESERVOIR	LAST DAY WATER USED FROM RESERVOIR
44 IRRIG.	^{222.} 9,659,592	0.0	7-3	7-23
STOCK	¹⁷⁴ 7,564,413	0.0	- -	- -
TOTAL	³⁹⁶ 17,224,005		-c-	- -
56 IRRIG.	^{398.} 17,345,000	0.0	6-24	7-22
STOCK	^{10.} 436,400	⁵ 234,000	- -	- -
TOTAL	^{408.} 17,781,400	⁵ 234,000	- -	- -
57 IRRIG	^{1528.} 66,539,360	0.0	5-4	9-1
STOCK	¹⁶² 50,639,539		- -	- -
DOM.	^{711.} 30,975,295	0.0	7-19	9-14
TOTAL	^{3401.} 148,154,202	0.0	- -	- -
58 IRRIG.	^{11,283.} 491,493,731	²³⁷⁵ 103,446,554	6-9	9-30
DOM.	^{1571.} 68,436,160	¹¹⁷⁵ 51,201,295	8-6	10-20
TOTAL	^{12,854.} 559,929,891	³⁵⁵⁰ 154,647,849	- -	- -
TOTAL ABL DISTRICTS	¹⁷⁰⁵⁹ 743,089,498	³⁵⁵⁵ 154,881,849	5-4	10-20

*Set up new
dist. 10-1-50*

RESERVOIR TABULATION (CONT.)

DISTRICT NO.	AVERAGE NO. DAYS WATER CARRIED	AVERAGE DAILY AMOUNT CARRIED CUBIC FT.	NO. OF ACRE FEET RESERVOIR WATER CARRIED	TOTAL ACRES IRRIGATED	REMARKS
44	11	3.75	72	390	PART OF ACREAGE IS REPORTED UNDER DITCHES
54	28	6.39	358	800	SUPPLEMENTAL WATER TO THIS ACREAGE
57 IRRIG.	75	10.25	1499	1210	ALL IRRIGATED FROM STORAGE
DOM.	56	5.00	560	500	SUPPLEMENTAL IRRIG. RE-LEASED FROM DOMESTIC
TOTAL	131	15.25	2059	1710	
58 IRRIG.	43	61.17	8228		ALL SUPPLEMENTAL TO DITCHES REPORTED
DOM.	73	2.60	395		
TOTAL	116	63.77	8623		
TOTAL ALL DISTRICTS		89.16	11112	2900	

Sum of new headings