

When the Creek reaches more than 8 second feet, diversions are to be made in accordance with the decrees and in order of priority.

STATE OF COLORADO  
IRRIGATION DIVISION NO. 2  
PUEBLO

F. C. SNYDER  
IRRIGATION DIVISION ENGINEER  
BEN DURANT BLDG.,  
P. O. BOX 1423

Dec. 23, 1963

SUBJECT:

Mr. J. E. Whitten  
State Engineer  
Denver, Colo.

Dear Sir:

I herewith submit my annual report as Division Engineer for the year of 1963.

Very light precipitation during the whole year over the entire division resulted in a deficient runoff from snowmelt as well as from normal streamflow. The streamflow at the Pueblo gaging station is near 58% of the average for the water year.

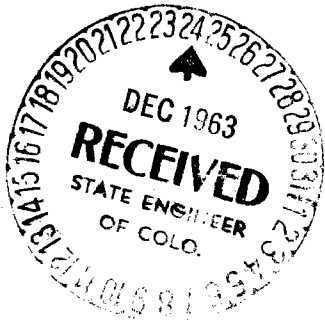
A comparatively light carryover in the reservoirs helped very little, although those who had some stored water did better than most.

There were only 26 days of general storage during the winter months when stream flows were low. There was no storage during the snowmelt period.

A few small floods from summer rains caused only slight damage and were of local and limited benefit.

Precipitation at Pueblo was 6.50 inches, Lamar 9.92 inches, and Las Animas 9.16 inches for the year. The Pueblo weather bureau station has had only 2 years since 1889 showing less precipitation.

The growing months of April, May, June, and July were the driest I ever experienced. Some rains in August totaled 2.28 inches and September 0.98 inches made up the greatest part of our moisture for the season. This moisture was too late for most of the crops which were



Report Snyder.

stunted or had already died from the lack of moisture. Some farmers planted only a part of their land on account of prospects of an inadequate supply of irrigation water.

The total acreage irrigated is 397,677 against 496,796 acres last year, using 1,202,111 acre feet of water this year and 1,867,692 acre feet during the year of 1962.

There were 3.02 acre feet of water used per acre irrigated in 1963.

Tables of trans-mountain diversions, reservoir storage by months, acres of land irrigated and water used are attached hereto.

The Beaver Park case has been compromised by allowing up to 8 second feet per second of time in the creek at their headgate to be used or stored by the Beaver Park company as they prefer. When the creek reaches more than 8 second feet they are to divert on decrees in order of priority.

On administration complaints, I wish to quote a paragraph from the 1963 official report of the Superintendent of the Fort Lyon Canal Company to their directors and Stockholders:

"Despite reports of a shortage of two runs caused by the passing of too large amounts of water by La Junta and the over diversions of canals up the river, a thorough check of the water flow and a comparison of our diversions with the upstream canals show that the Fort Lyon Canal had diverted all the water to which it was entitled."

report Snyder

*From file*

~~Result~~ of investigations of the complaints by the Amity Canal people, even back over the years, ~~would arrive~~ at the same conclusion. Many complaints are registered but seldom indeed are commendations uttered.

This is my last annual report as Division Engineer as I am retired as of Dec. 31, 1963, after more than 47 years in the employ of the State Engineers' office, the last 13 years as Division Engineer.

I am thankful for the cooperation, help and friendships of the State officials and the water users over the past years.

Respectfully submitted,

*J. C. Snyder*  
Division Engineer, Div, No. 2.

TABULATION of WATER COMMISSIONER'S ANNUAL REPORTS  
for IRRIGATION SEASON of 1963.

IRRIGATION DIVISION No. 2.

Dist. No.	First day water was used from natural stream.	Last day water was used from natural stream.	Number of acre feet water used by canals for season.	Total number acre irrigated 1963.
10	Nov. 1, 1962	Oct. 31, 1963	49,050	11,515
11	Nov. 1, 1962	Oct. 31, 1963	129,149	25,771
12	Nov. 1, 1962	Oct. 31, 1963	359,480	18,302
13	Apr. 14, 1963	Aug. 17, 1963	6,099	6,016
14	Nov. 1, 1962	Oct. 31, 1963	138,019	83,640
15	Nov. 1, 1962	Oct. 31, 1963	9,723	2,615
16	Nov. 1, 1962	Oct. 31, 1963	23,661	13,372
17	Nov. 1, 1962	Oct. 31, 1963	328,520	154,230
18	Apr. 8, 1963	Oct. 11, 1963	1,206	1,025
19	Nov. 1, 1962	Oct. 31, 1963	38,310	7,099
66	Jan. 1, 1963	Jun. 13, 1963	1,530	490
67	Nov. 1, 1962	Oct. 31, 1963	117,364	73,602
Totals			1,202,111	397,677

TRANS-MOUNTAIN DIVERSIONS  
Irrigation Division No. 2.

1963

Month Columbine Ewing Wurtz Busk-Ivanhoe Tunnel Twin Lakes Tunnel Larspur Totals.

In Acre Feet.

Nov. 1962					328	328		
Dec.					262	262		
Jan. 1963					244	244		
Feb.					184	184		
March					230	230		
April	18				634	634		
May,	472	162	764	1,710	11,260	12	14,380	
June	326	100	448	1,350	10,352		12,576	
July			0	460	3,388		33,848	
Aug.			60	120	2,830		3,010	
Sept.			8	8	2,076		2,084	
Oct.				240	776		1,016	
Totals	798	280	1,280	3,880	32,564	12	38,814	

CONTENTS of MAJOR RESERVOIRS in IRRIGATION DIVISION No. 2.

Dec. 1, 1962 to Nov. 1, 1963. values in acre feet.

	Dec. 1	Jan. 1	Feb. 1	Mar. 1	Apr. 1	May 1	June 1	July 1	Aug. 1	Sept 1	Oct. 1	Nov. 1.
Fountain Valley No 2.	554	1470	1659	1670	1344	901	591	0	0	0	0	0
Fountain Valley No3.	0	0	0	0	0	0	0	0	0	0	0	0
Monument Reservoir	225	225	225	228	228	225	225	222	222	237	225	225
Sugar Loaf	6316	6419	6660	6869	4845	5873	4574	3339	3339	4141	4268	4427
Twin Lakes#	21978	22621	22830	23154	23858	23991	33848	20399	20399	12927	14802	15876
Clear Creek	8650	8427	9096	9089	7968	8536	9096	8122	8122	8039	7986	7906
Mt Pisgah	1652	1652	1722	1835	1396	439	439	439	439	439	439	439
Skaguay	1943	1736	1415	1415	1510	1149	1033	975	975	1648	2065	1525
Brush Hollow	1668	1970	2363	2651	2374	1166	928	735	735	1271	1551	1960
City of Colo Spgs	3771	3541	3358	3591	2573	2320	2087	1931	1931	2026	3162	2964
DeWeese Dye	1778	2020	2722	2621	2180	1467	1209	846	846	916	800	860
Lake Henry	919	147	6374	6018	4070	6726	5184	3134	3134	1986	1301	542
Lake Meredith	4316	4736	9957	9119	6765	0	0	0	0	0	0	0
Beckwith (Hayden)	667	706	711	735	678	583	502	417	417	450	409	346
C F & I Reservoirs	10445	8915	8699	8893	9428	9496	9561	9085	9085	11121	11116	9618
Color	1605	1519	1420	1394	1325	1259	1169	1057	1057	1246	1069	757
Cucharas	0	0	0	0	0	0	0	145	145	0	1296	845
Huerfano Valley	0	275	268	359	320	230	236	236	236	108	108	124
Orlando No. 2	0	500	750	0	0	0	0	0	0	261	0	0
Holita	50	111	111	305	195	37	0	0	0	0	0	0
Dotson	0	0	0	455	455	0	0	0	0	0	0	0
Dye	0	0	0	1035	800	681	0	0	0	0	0	0
Holbrook	0	4100	2890	4347	3863	871	0	0	0	0	0	0
Horse Creek	1950	1649	1625	1589	0	0	0	0	0	0	0	0
Adobe	0	0	0	0	0	0	0	0	0	0	0	0
Model	1056	1500	3208	3359	0	0	1349	0	0	644	3507	2760
North Lake	152	142	124	115	115	772	897	880	880	870	886	826
Monument Lake	1400	1400	1400	1400	1348	1225	1184	1128	1128	1249	1249	831
Great Plains system												
NeeNoShee NeeGronda	2617	4321	5335	5431	3586	2530	2443	545	545	0	0	0
Nee Ska (Queen)	2693	4834	6004	6059	5247	3827	3152	1153	1153	0	0	0
Two Buttes	6615	6515	6515	5606	6010	6515	6465	12609	12609	11322	5118	8575
Thurston	2060	2060	2090	2121	1914	1788	1914	1612	1612	1383	1264	1065
John Martin	2743	7987	13128	19069	0	0	0	0	0	0	0	0
Totals	87823	93385	116648	128600	134721	94395	88086	69009	69009	62284	62621	62471
Munn. Mfg. & Power	27966	27853	25994	25897	24266	24757	25027	23178	23178	26199	27533	28427
Irrigation	59857	65532	89029	103088	108824	70129	57850	63059	45831	36085	35088	38044