

STATE OF COLORADO  
IRRIGATION DIVISION NO. 2  
PUEBLO

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

Nov. 24, 1957.

SUBJECT:

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

Dear Sir;

I herewith submit my report as Division Engineer of  
Division No. 2 for the year 1958.

It has been a very good season for water and crops, which  
were numerous and well matured. There were no serious floods.  
Snowfall run-off was well distributed and not as great as anti-  
cipated.

During the early part of the season water was adequate with  
reservpiars all nearly full; and those coming through the winter  
with some storage space, were filled with snow melt. From July  
to the end of the season, the rainfall was deficient and dependence  
was placed on storage water for those fortunate enough to have  
reservoirs.

The carry over from last year which showed 494,324 acre feet  
on Nov. 1, 1957, was increased to 750,481 acre feet of reservoir  
water on July 1, 1958. This was used down to 466,853 acre feet  
by Nov. 1, 1958 which leaves us with a very good supply as insur-  
ance for next years crops.

Precipitation for the year averaged over the whole division  
will probably show very near the normal. At Pueblo it was 10.79  
inches and at Las Animas it was 18.80 inches. Therefore, Pueblo  
was slightly below the normal, while at Las Animas it was a  
little above the normal.

Trans-mountain water which was diverted totaled 28,300 acre  
feet. No diversions were made between Aug. 18th and Oct 16th

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due to the demand made by the Western Slope decrees. Much more water could have been diverted had there been storage space available during the high run-off period.

John Martin reservoir entered the storage season Nov. 1, 1957 with 220,053 acre feet. When first demand was made April 23, the reservoir contained 282,905 acre feet. River flow averaged about equal to its use to May 14th. Storage increased from 281,123 acre feet to 352,478 acre feet by June 12th, which was then used down to 336,510 acre feet by July 4th. Small floods in the Arkansas and Purgatoire rivers increased this to 360,293 acre feet at gage height 3854.44 feet on July 27th, being the highest point ever reached and only 0.56 feet below the flood pool. This was used down to gage height 3838.03 feet which equals 230,999 acre feet, when gates were closed for winter storage on Nov. 1, 1958.

The City of Pueblo has consolidated its two water districts, pooling all its water supplies, which eliminates a good deal of the controversy between the two boards, and this office, during low water flow in the river and reservoir releases of trans-mountain waters. Pueblo now has an adequate supply of water to take care of its present needs. The most pressing need now is a storage reservoir near Pueblo to eliminate the 36 hours of water in transit which is very often lost by rains increasing the river water available and reducing the irrigation demand.

Two more Water Commissioners retired during the year due to disability. The new appointees have taken hold and show great interest in their work. I have received no complaints from their districts, and their annual reports appear very good. The turn over of commissioners and deputies has been very great in the last few years, as only four commissioners remain who were on

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the job when I took over in 1951.

Nothing has been determined on the Beaver Park case since my last report. I understand it is being set for trial in Jan.

DeWeese Dye Company has appealed to the Court for a determination of the decrees transferred from District No. 13. Hearing is to be held in January.

Total amount of water distributed was 1,924,675 acre feet irrigating 501,619 acres or 3.80 acre feet per acre.

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

Thanking the Denver office and all commissioner and deputies for their splendid cooperation during the past year, I am,

Respectfully yours,

A handwritten signature in cursive script, appearing to read "J. C. Snyder".

Division Engineer, Division #2.

TABULATION of WATER COMMISSIONER'S ANNUAL REPORTS  
FOR IRRIGATION SEASON of 1958.

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 Acres irrigated 1958.
10	Nov. 1, 1957	Oct. 31, 1958	35,404	11,120.
11	Nov. 1, 1957	Oct. 31, 1958	152,089	26,028.
12	Nov. 1, 1957	Oct. 31, 1958	361,450	21,922
13	Apr. 1, 1958	Oct. 31, 1958	36,957	19,988
14	Nov. 1, 1957	Oct. 31, 1958	313,159	105,772
15	Nov. 1, 1957	Oct. 31, 1958	18,914	3,552
16	Nov. 1, 1957	Oct. 31, 1958	71,298	42,955
17	Nov. 1, 1957	Oct. 31, 1958	578,942	158,211
18	Nov. 9, 1957	Oct. 31, 1958	14,165	4,755
19	Nov. 1, 1957	Oct. 31, 1958	111,662	32,786
49	Apr. 25, 1958	Oct. 16, 1958	3,060	1,560
66	Jan. 1, 1958	Oct. 31, 1958	1,873	575
67	Nov. 1, 1957	Oct. 31, 1958	<u>225,702</u>	<u>72,395</u>
TOTALS			1,924,675	501,619

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TRANS-MOUNTAIN DIVERSIONS  
Irrigation Division No. 2.

1958

Month	Columbine	Ewing	Wurtz	Busk-Ivanhoe Tunnel	Twain Lakes Tunnel	Larkspur	Totals.
	in acre feet						
Nov. 1957					520		520
Dec.					262		262
Jan. 1958					161		161
Feb.					162		162
Mar.					104		104
Apr.					161		161
May	475	1134	344		7668		9621
June	684	816	1590		9280	52	12122
July	102	59	0		3840	9	4010
Aug.	15		356		486		857
Sept.	0		0		0		0
Oct.					20		20
Totals	1276	2009	2290		22664	61	28300

Much more water could have been diverted had there been storage space available during high run-off period.

CONTENTS of MAJOR RESERVOIRS in IRRIGATION DIVISION No. 2.  
Dec. 1, 1957 to Nov 1, 1958 Values in Acre Feet.

	Dec. 1 Jan. 1.	1. Feb. 1.	1. Mar. 1.	1. Apr. 1.	1. May 1.	1. June 1.	1. July 1.	1. Aug. 1.	1. Sep. 1.	1. Oct. 1.	1. Nov. 1.
Fountain Val.#2	5135	4898	4822	4746	4746	4670	4847	5046	4169	4069	4094
Fountain Val.#3	306	264	189	176	186	129	111	123	113	92	, 46
Monument	241	256	241	307	256	355	300	228	237	241	231
Sugar Loaf	14,992	15,192	15,217	15,393	15,441	15,192	17,172	16,117	12,512	5839	5618
Twin Lakes	36729	37830	38426	38902	39336	35171	49,446	54,015	35855	17,706	11,612
Clear Creek	10977	11,189	11,019	9,402	9,402	9,457	10,663	10,478	8029	5,465	4,751
Skaguay	2637	2637	1745	1745	1487	1487	2754	2787	2658	2637	2637
Mt. Pisgah	2471	2471	2471	2471	2471	2471	2471	2471	2410	897	897
Brush Hollow	3517	3139	2830	4,868	3,780	3,780	3,780	3,002	2,000	1,640	1,465
City Colo Spgs	5904	5742	5580	4,868	5,097	5,097	5,617	5,879	5,619	5,355	5,244
DeWeese Dye	4,188	4,774	4,774	4,774	4,872	4,786	4,872	4,573	3,360	2,895	2,109
Teller											
Lake Henry	7608	9907	10057	9982	9,719	10,300	9,882	8,353	6,842	3,520	2,852
Lake Meredith	21,847	26,028	26,873	27,836	27,175	26,273	28,016	19,363	18,219	13,892	12,996
Bedwith(Hayden)	939	939	939	939	939	939	939	918	885	872	852
C F & I Res	11,929	12,320	12,621	11,656	12,482	11,526	11,809	11,579	11,171	10,870	10,649
Color	2692			2415	2469	2635	2,786	2,673	2,524	2,327	2,239
Cucharas	19000			17,480	17,040	16,600	18,180	14,744	11,580	8,532	7,410
Huerfano Valley	1,559			14,70	14,17	13,12	16,18	13,12	654	595	634
Hollita	111			158	158	111	432	111	27	8	0
Dotson	2054			2383	2383	2383	2,602	2,602	2,383	2,054	1,900
Dye	3304	3,244	3,244	3,217	3,169	3,075	2,944	3,525	3,394	5,225	3,131
Holbrook	4,990	5,238	5,176	5,300	5,107	5,021	5,176	4,866	4,621	3,735	3,465
Horse Creek	22,595	22,762	22,738	22,571	22,285	21,808	21,988	20,614	15,823	10,286	3,638
Adobe	5,9731	5,8625	5,8577	5,8096	5,7855	5,6652	6,5482	6,3172	5,7133	4,1621	3,2676
Seven Lakes											
Model	5232	5716	6201	6442	5716	5716	5716	5141	4,333	2,670	2,760
North Lake	160	160	152	151	152	152	152	152	151	151	151
Monument Res	1,948	1,855	1,855	1,855	1,855	1,948	1,948	1,855	1,855	1,764	1,764
NeenoShoe Nee											
Gronda & Sopha	10663	18298	28446	44,717	53,489	98254	111,344	109,510	106,758	106,682	101,302
Nee Skah(Queen)	16,288	15,824	15,670	15,520	17,216	16,950	16,752	14,627	12,748	11,108	10,449
Two Buttes	15,236	14,053	14,053	14,962	13,962	14,053	15,146	13,781	15,145	10,544	9,909
Thurston	1150	1,561	1,407	0	1,086	1,383	1,690	1,802	1,638	1,383	1,276
John Martin	226,897	247,166	261,588	270,786	278,101	281,856	329,178	344,762	357,193	318,889	271,206
Totals	523,030	515,398	556,911	593,801	621,187	664,480	757,644	752,481	712,490	686,665	522,125
Mun. Power Mfg.	36247	31266	32972	25479	31228	32303	35729	35403	32007	28569	27436
Irrigation	486,783	484,132	523,939	568,322	589,959	632,178	721,915	717,078	680,483	574,466	494,689
						77				57,740	44,631

*Handwritten signature or initials*

Handwritten notes in a grid format, likely a ledger or account book. The text is written in a cursive script, possibly Urdu or Persian, and is organized into columns and rows. The entries appear to be numerical or financial in nature, with some lines starting with 'R' or 'D'. The handwriting is dense and fills most of the page.