

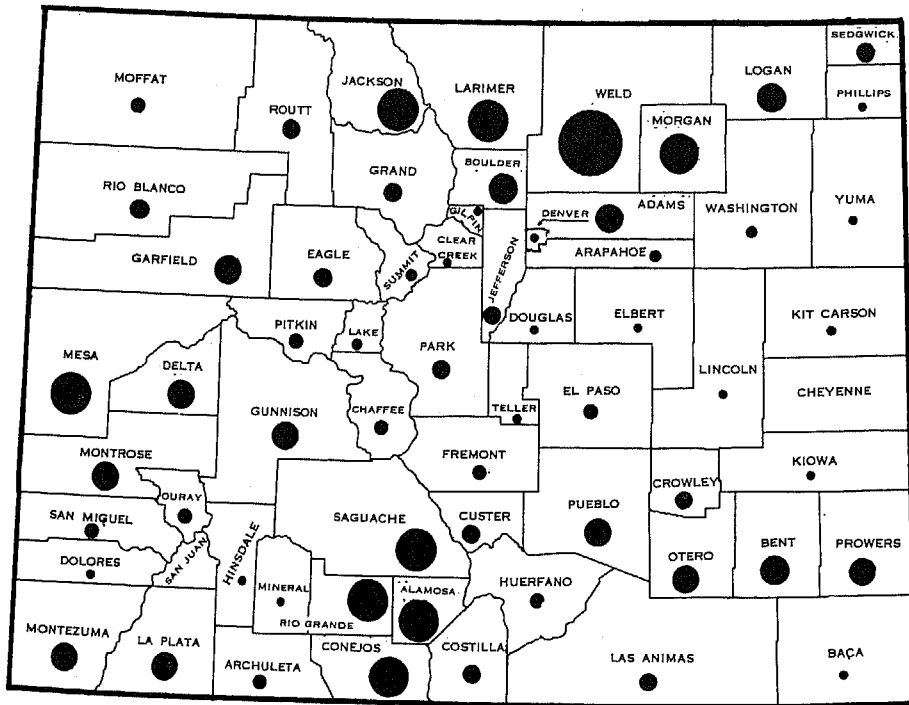
# IRRIGATION OF AGRICULTURAL LANDS

## COLORADO

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### LEGEND

- LESS THAN 5,000 ACRES
- 5,000 - 9,999 ACRES
- 10,000 - 19,999 ACRES
- 20,000 - 49,999 ACRES
- 50,000 - 99,999 ACRES
- 100,000 - 199,999 ACRES
- 300,000 - 399,999 ACRES

COLORADO: ACRES OF IRRIGATED LAND, BY COUNTIES, 1949

State Table 1.—IRRIGATION SUMMARY: 1890 TO 1950

Census year	All farms <sup>1</sup> (number)	All land in farms <sup>1</sup> (acres)	Irrigated farms <sup>2</sup> (number)	Irrigated acreage reported by—		Irrigation enterprises (number)	Total capital investment in irrigation enterprises (dollars)
				Farms <sup>1</sup> (acres)	Irrigation enterprises (number)		
1950.....	45,578	37,953,099	27,121	2,872,348	2,943,895	9,158	163,295,813
1945.....	47,618	36,217,808	28,054	2,698,579	(*)	(*)	(*)
1940.....	51,436	31,527,240	29,766	<sup>3</sup> 2,467,548	3,220,685	8,713	106,849,343
1935.....	63,644	29,978,472	30,321	<sup>4</sup> 1,882,888	(*)	(*)	(*)
1930.....	59,956	28,876,171	31,288	<sup>5</sup> 2,291,927	3,393,619	6,509	87,603,240
1920.....	59,934	24,462,014	28,756	(**)	3,348,385	6,634	88,302,442
1910.....	46,170	13,532,113	25,857	(**)	2,792,032	9,065	56,636,443
1900.....	24,700	9,474,588	17,613	1,611,271	(*)	(*)	11,758,703
1890.....	16,389	4,598,941	9,659	890,735	(*)	(*)	6,368,755

\*Not available.  
 \*\*Available data not comparable.  
<sup>1</sup>Census of Agriculture.  
<sup>2</sup>Farms reporting irrigated land, 1950, 1945, 1900, and 1890 Censuses; farms reporting irrigated cropland harvested, and/or irrigated pasture, 1940 Census; farms reporting irrigated cropland harvested, 1935 Census; and farms reporting irrigated crops, 1930, 1920, and 1910 Censuses.  
<sup>3</sup>Irrigated land from which crops were harvested plus 330,794 acres of irrigated land used only for pasture.  
<sup>4</sup>Irrigated land from which crops were harvested.  
<sup>5</sup>Acreage of irrigated crops including some duplication where 2 or more crops were harvested from the same land.

State Table 2.—CHARACTERISTICS OF IRRIGATION ENTERPRISES: 1920 TO 1950

[For interstate enterprises, data represent characteristics within the State]

Item (For definitions and explanations, see text)	Census of—			
	1950	1940	1930	1920
Enterprises.....total number..	9,158	8,713	6,509	6,634
Enterprises by type:				
Single-farm.....number..	6,856	7,865	5,926	(*)
Mutual:				
Unincorporated.....number..	1,579	251	531	(*)
Incorporated.....number..	686	500	28	(*)
Commercial.....number..	6	53	28	(*)
District.....number..	20	21	15	(*)
U. S. Bureau of Reclamation <sup>1</sup> .....number..	4	5	2	(*)
U. S. Bureau of Indian Affairs.....number..	1	1	1	(*)
State.....number..	1	1	1	(*)
City.....number..	5	12	3	(*)
Other.....number..	4	4	3	(*)
Irrigated land, total <sup>2</sup> .....acres..	2,943,895	3,220,685	3,393,619	3,348,385
Acreage irrigated, by type of enterprise: <sup>3</sup>				
Single-farm.....acres..	931,763	1,040,897	969,708	1,014,412
Mutual:				
Unincorporated.....acres..	559,708	158,075	1,789,909	1,789,385
Incorporated.....acres..	1,652,636	<sup>4</sup> 2,222,912	286,846	212,138
Commercial.....acres..	14,873	115,280	230,400	248,409
District.....acres..	155,216	186,925	81,883	71,145
U. S. Bureau of Reclamation <sup>1</sup> .....acres..	8,193	<sup>5</sup> 56,875	4,813	4,266
U. S. Bureau of Indian Affairs.....acres..	(6)	(4)	80	80
State.....acres..	8,992	21,068	26,700	5,825
City.....acres..	4	457	3,360	2,725
Other.....acres..	3,039,767	3,638,676	3,203,679	3,155,749
Acreage irrigated, by source of water: <sup>3 7</sup>				
Streams (and lakes).....acres..	56,029	29,682	10,606	10,856
Springs.....acres..	84,942	50,513	12,486	72,156
Flowing wells.....acres..	325,265	176,608	22,442	26,457
Pumped wells.....acres..	1,274	(8)	220	195
Sewage.....acres..	421,474	24,699	163,712	167,195
Other and not reported.....acres..	319,612	119,286	215,600	113,899
Irrigated land artificially drained.....acres..	155,380	35,792	148,693	220,711
Irrigation works:				
Diversion dams.....total number..	7,709	4,792	3,672	3,647
Reservoirs.....number..	1,182	1,071	765	979
Total capacity (reported).....acre-feet..	2,028,550	2,071,522	1,924,982	2,406,372
Reservoir dams.....total number..	1,182	1,015	706	803
Canals and ditches.....total length, miles..	18,729	19,864	21,581	27,593
Pipe lines.....total length, miles..	251	245	132	217
Flowing wells.....number..	1,371	886	621	476
Pumped wells.....number..	4,988	2,878	654	527
Average pumping lift (reported).....feet..	37	33	(*)	(*)
Pumps.....number..	5,366	2,818	540	435
Average pumping lift from all sources.....feet..	(*)	32	25	23
Capital investment, total.....dollars..	163,295,813	106,849,343	87,603,240	88,302,442
Capital investment by type of enterprise:				
Single-farm.....dollars..	18,591,485	11,348,304	10,815,909	11,599,883
Mutual:				
Unincorporated.....dollars..	2,151,927	1,214,947	45,651,717	42,911,035
Incorporated.....dollars..	<sup>6</sup> 61,365,866	<sup>4</sup> 57,614,846	5,624,989	5,711,887
Commercial.....dollars..	6,251,490	6,228,390	12,657,718	16,269,026
District.....dollars..	15,944,104	15,621,957	11,551,307	10,253,231
U. S. Bureau of Reclamation <sup>1</sup> .....dollars..	<sup>5</sup> 57,014,289	<sup>5</sup> 12,928,239	225,025	220,979
U. S. Bureau of Indian Affairs.....dollars..	795,032	711,032	3,994	3,994
State.....dollars..	(4)	(4)	498,575	117,665
City.....dollars..	1,177,965	1,177,965	578,000	1,214,742
Other.....dollars..	3,655	3,655		

\*Not available.  
<sup>1</sup>For 1950, not including Bureau of Reclamation projects operated by water users, which are classified under other types of enterprises.  
<sup>2</sup>Acreage reported by irrigation enterprises. For 1950, acreage supplied primary irrigation; for 1940, acreage irrigated by "primary enterprises"; for 1920 and 1930, "primary" and "supplemental" irrigation not differentiated. (See text.)  
<sup>3</sup>For 1950, acreage reported by more than 1 type of enterprise, or from more than 1 source is included for each; for 1940, acreage reported by both "primary" and "supplemental" enterprises is included for each type of enterprise and for each source of water.  
<sup>4</sup>Data for 1 "State" enterprise included with "mutual, incorporated" in 1940 census.  
<sup>5</sup>Data for less than 3 enterprises shown with permission of the enterprise.  
<sup>6</sup>Data for less than 3 enterprises not shown separately.  
<sup>7</sup>Data for 1940, 1930, and 1920 combined as follows: "Stored storm water" with "Streams and lakes"; "City water" and "Other mixed" with "Other and not reported."  
<sup>8</sup>Data for less than 3 "Sewage" enterprises included with "Other and not reported."

IRRIGATION OF AGRICULTURAL LANDS

State Table 3 (Part 1 of 3)—IRRIGATION ENTERPRISES, NUMBER AND CHARACTERISTICS, BY TYPE OF ENTERPRISE: CENSUSES OF 1950 AND 1940

[For interstate enterprises, number of enterprises represents characteristics of the entire enterprise, other data represent characteristics within the State, except where otherwise noted. Farms and acreage irrigated direct by 2 or more enterprises are counted for each enterprise.]

Item (For definitions and explanations, see text)	Type of enterprise								
	All types	Single-farm	Mutual		District	U.S. Bureau of Reclamation		All or part of water from U.S. R.R. projects <sup>1</sup>	Commercial, Indian, State, city, and other
			Unincorporated	Incorporated		Operated by Bureau	Operated by water users <sup>1</sup>		
<b>ENTERPRISES: FARMS AND LAND IRRIGATED</b>									
Number of enterprises.....enterprises 1950..	9,158	6,856	1,579	686	20	4	4	34	13
.....enterprises 1940..	8,713	7,865	251	500	21	5	(*)	(*)	71
Farms irrigated direct per enterprise.....farms 1949..	4.0	1.0	4.3	30.1	96.8	.....	527.0	29.0	37.8
Area irrigated direct.....acres 1949..	3,331,381	931,763	559,708	1,652,636	155,216	.....	99,757	52,319	32,058
.....acres 1939..	3,848,700	1,040,897	158,075	2,222,912	186,925	.....	(*)	(*)	143,680
Average per enterprise.....acres 1949..	364	136	354	2,409	7,761	.....	24,939	1,539	2,466
<b>CHARACTERISTICS OF ENTERPRISES, 1949</b>									
Multiple-purpose enterprises.....enterprises..	27	.....	9	13	2	.....	3	2	1
Area irrigated direct.....acres..	53,092	.....	2,601	42,811	7,680	.....	27,680	90	.....
Complete-system enterprises.....enterprises..	7,143	5,758	1,150	223	6	.....	1	4	6
Area irrigated direct.....acres..	1,818,883	821,785	401,275	485,696	86,835	.....	72,077	2,183	23,292
<b>Enterprises by origin of water supply:</b>									
No water from other enterprises.....enterprises reporting..	7,805	6,140	1,283	353	13	.....	4	3	12
.....acres irrigated..	2,088,155	825,909	413,784	724,339	100,258	.....	92,077	.....	23,865
Part of water from other enterprises.....enterprises reporting..	639	404	128	103	3	.....	.....	31	1
.....acres irrigated..	771,681	77,489	55,055	583,602	47,342	.....	7,680	45,983	8,193
All water from other enterprises.....enterprises reporting..	714	312	168	230	4	.....	.....	3	.....
.....acres irrigated..	471,545	28,365	90,869	344,695	7,616	.....	.....	6,336	.....
<b>Enterprises by delivery of irrigation water:</b>									
No water delivered.....enterprises reporting..	376	373	.....	2	.....	.....	1	.....	.....
Water delivered direct to farms only.....enterprises reporting..	8,284	6,474	1,382	420	3	.....	.....	24	5
.....acres irrigated..	2,020,252	927,639	505,964	573,973	3,103	.....	.....	25,182	9,573
Water delivered to farms and to other enterprises.....enterprises reporting..	368	9	131	213	12	.....	3	9	3
.....acres irrigated..	1,311,129	4,124	53,744	1,078,663	152,113	.....	99,757	27,137	22,485
Water delivered to other enterprises only.....enterprises reporting..	130	.....	66	51	5	.....	3	1	5
<b>Enterprises by primary and supplemental irrigation:<sup>3</sup></b>									
All primary.....enterprises reporting..	6,235	4,672	1,125	423	8	.....	1	21	7
.....acres irrigated..	2,104,291	723,909	411,230	860,873	87,238	.....	72,077	16,491	21,041
Part primary, part supplemental.....enterprises reporting..	691	165	316	202	7	.....	.....	12	1
.....acres irrigated..	839,604	11,320	72,469	683,637	62,715	.....	25,203	32,758	9,463
Supplemental irrigation.....acres irrigated..	179,079	11,582	55,992	104,688	5,263	.....	2,477	3,070	1,554
All supplemental.....enterprises reporting..	1,726	1,646	72	8	.....	.....	.....	.....	.....
.....acres irrigated..	208,407	184,952	20,017	3,438	.....	.....	.....	.....	.....
<b>Enterprises by number of farms irrigated direct:</b>									
None.....enterprises reporting..	506	373	66	53	5	.....	4	1	5
1-3.....enterprises reporting..	7,400	6,466	886	46	2	.....	.....	10	.....
4-9.....enterprises reporting..	679	16	508	152	2	.....	.....	11	1
10-29.....enterprises reporting..	386	1	112	270	1	.....	.....	2	2
30-99.....enterprises reporting..	150	.....	7	137	2	.....	.....	8	4
100-299.....enterprises reporting..	28	.....	.....	21	6	.....	.....	1	1
300-999.....enterprises reporting..	8	.....	.....	6	2	.....	.....	1	.....
1,000 or more.....enterprises reporting..	1	.....	.....	1	.....	.....	1	.....	.....
<b>Enterprises by acres irrigated direct:</b>									
None.....enterprises reporting..	506	373	66	53	5	.....	4	1	5
1-29.....enterprises reporting..	1,816	1,740	71	5	.....	.....	.....	1	.....
30-99.....enterprises reporting..	2,551	2,223	305	23	.....	.....	.....	3	.....
100-499.....enterprises reporting..	3,163	2,237	806	114	2	.....	.....	12	4
500-999.....enterprises reporting..	538	182	224	130	1	.....	.....	6	1
1,000-2,999.....enterprises reporting..	423	86	95	239	3	.....	.....	5	.....
3,000-9,999.....enterprises reporting..	127	10	11	101	3	.....	.....	1	2
10,000-29,999.....enterprises reporting..	26	5	.....	15	5	.....	.....	1	1
30,000 or more.....enterprises reporting..	8	.....	1	6	1	.....	1	.....	.....
<b>USE OF SURFACE, GROUND, PUMPED AND STORED WATER, 1949</b>									
<b>Surface water:</b>									
Gravity only.....enterprises reporting..	5,441	3,162	1,566	678	19	.....	4	3	12
.....acres irrigated..	2,959,515	596,446	551,934	1,631,906	147,536	.....	92,077	50,691	31,693
Pumped only.....enterprises reporting..	322	318	2	1	.....	.....	.....	.....	1
.....acres irrigated..	18,299	16,124	1,686	124	.....	.....	.....	.....	365
Gravity and pumped.....enterprises reporting..	92	84	2	6	.....	.....	.....	.....	1
.....acres irrigated..	28,302	11,514	560	16,228	.....	.....	.....	1,628	.....
Ground water only (pumped from wells).....enterprises reporting..	2,905	2,900	5	.....	.....	.....	.....	.....	.....
.....acres irrigated..	245,117	244,733	384	.....	.....	.....	.....	.....	.....
Surface (gravity or pumped) and ground.....enterprises reporting..	398	392	4	1	1	.....	.....	1	.....
.....acres irrigated..	80,148	62,946	5,144	4,378	7,680	.....	7,680	.....	.....
<b>Stored water:</b>									
None stored.....enterprises reporting..	7,910	6,272	1,288	336	6	.....	1	2	7
.....acres irrigated..	1,845,164	792,007	441,840	585,080	16,672	.....	27,680	6,336	9,565
Part stored.....enterprises reporting..	879	364	219	284	9	.....	.....	31	3
.....acres irrigated..	1,411,335	116,078	106,506	1,042,014	138,544	.....	72,077	45,983	8,193
All stored.....enterprises reporting..	369	220	72	66	5	.....	3	1	3
.....acres irrigated..	74,882	23,678	11,362	25,542	.....	.....	.....	.....	14,300

\*Not available.  
<sup>1</sup>These enterprises also included under "District" or other types of enterprises as the case may be.  
<sup>2</sup>Single-farm enterprises receiving water from Bureau of Reclamation not included.  
<sup>3</sup>For interstate enterprises, data represent characteristics within the State.

State Table 3 (Part 2 of 3).--IRRIGATION ENTERPRISES, NUMBER AND CHARACTERISTICS, BY TYPE OF ENTERPRISE: CENSUSES OF 1950 AND 1940

[For interstate enterprises, data represent characteristics within the State except where otherwise noted. Acreage irrigated direct by 2 or more enterprises is counted for each enterprise]

Item (For definitions and explanations, see text)	Type of enterprise								
	All types	Single-farm	Mutual		District	U.S. Bureau of Reclamation		All or part of water from U.S.B.R. projects <sup>1, 2</sup>	Commercial, Indian, State, city, and other
			Unincorporated	Incorporated		Operated by Bureau	Operated by water users <sup>1</sup>		
<b>SOURCES OF SURFACE WATER, 1949<sup>3</sup></b>									
Streams (and lakes).....enterprises reporting..	5,675	3,410	1,551	678	19	4	4	34	13
acres irrigated..	3,039,767	647,537	555,133	1,650,073	154,966	99,757	52,319	32,058	
Springs.....enterprises reporting..	374	341	20	13					
acres irrigated..	56,029	37,112	7,431	11,486					
Flowing wells.....enterprises reporting..	238	236		2					
acres irrigated..	84,942	79,612		5,330					
Drainage water.....enterprises reporting..	441	324	49	65	5		2	3	
acres irrigated..	421,422	151,227	20,128	202,779	47,288	72,077	1,306		
Sewage.....enterprises reporting..	7	7							
acres irrigated..	1,274	1,274							
Other sources.....enterprises reporting..	1		1						
acres irrigated..	52		52						
<b>DRAINAGE OF IRRIGATED LAND, 1949</b>									
Irrigated land drained:									
Enterprises reporting.....enterprises..	573	294	120	148	9		3	10	2
Area supplied primary irrigation.....acres..	943,473	61,564	55,895	694,645	123,339	97,280	21,160	8,030	
Area artificially drained.....acres..	319,612	17,685	23,305	238,431	39,400	37,000	4,560	791	
Irrigated land in need of drainage:									
Enterprises reporting.....enterprises..	818	505	161	142	8		2	17	2
Area supplied primary irrigation.....acres..	846,494	118,769	64,878	539,381	115,436	79,347	42,743	8,030	
Area in need of drainage.....acres..	155,380	23,184	13,113	88,438	29,525	6,375	4,696	1,120	
<b>IRRIGATION WORKS, 1950</b>									
Diversion dams.....enterprises reporting..	4,424	2,797	1,228	379	9	1	4	25	10
dams..	7,709	5,799	1,394	481	16	1	11	32	18
Diversion dams by material:									
Concrete or masonry.....dams..	583	242	144	181	8	1	7	3	7
Timber.....dams..	951	610	270	66	1		2	2	4
Earth and rock.....dams..	5,442	4,421	851	164	1			22	5
Other, mixed, and not reported.....dams..	733	526	129	70	6			5	2
Reservoirs.....enterprises reporting..	770	527	101	124	10	3	2	5	5
reservoirs..	1,182	712	127	313	15	3	2		12
number..	1,106	638	125	313	15	3	2		12
total capacity, acre-feet..	2,028,550	81,153	59,389	1,409,320	223,004	137,295	10,800		118,389
Reservoirs by capacity:									
1-99 acre-feet.....reservoirs..	628	499	81	48					
100-999 acre-feet.....reservoirs..	310	125	41	136	1				7
1,000 acre-feet and over.....reservoirs..	168	14	3	129	14	3	2		5
Reservoir dams by material:									
Concrete or masonry.....dams..	25	17	1	4	3				
Earth and rock.....dams..	1,108	654	124	305	10	3	2		12
Other, mixed, and not reported.....dams..	49	41	2	4					
Canals and ditches.....enterprises reporting..	4,818	2,630	1,502	658	16	1	4	33	11
total length, miles..	18,729	5,247	4,234	7,882	706	5	848	545	655
Pipelines and siphons.....enterprises reporting..	327	181	54	83	5		3	1	4
total length, miles..	251	92	13	132	4		19	2	10
Tunnels.....enterprises reporting..	51		15	30	2	1	3	2	3
total length, feet..	146,022	4,591	106,516	2,800	6,917	53,722	500	25,198	
Flowing wells.....enterprises reporting..	236	234		2					
wells..	1,371	1,369		2					
Pumped wells.....enterprises reporting..	3,309	3,299	8	1	1		1		
wells..	4,988	4,963	17	5	3		3		
Wells for which pumping lift was reported.....wells..	4,685	4,661	16	5	3		3		
Average pumping lift.....feet..	37	37	30	35	20		20		
Irrigation pumps.....enterprises reporting..	3,706	3,686	11	7	1		1		1
pumps..	5,366	5,321	12	24	5		5		4
Electric motors used for pumping.....enterprises reporting..	2,681	2,666	8	5	1		1		1
electric motors..	3,911	3,874	10	20	5		5		2
Other motors and engines used for pumping.....enterprises reporting..	1,166	1,160	3	3					
other motors and engines..	1,356	1,350	3	3					
<b>SEASON OF IRRIGATION, 1949</b>									
Water delivered only before July 1.....enterprises reporting..	316	223	86	7					
acres irrigated..	45,539	21,349	20,994	3,196					
Water delivered before and after July 1.....enterprises reporting..	7,817	5,687	1,452	648	17	1	4	34	12
acres irrigated..	3,212,190	863,462	535,036	1,626,418	155,216	99,757	52,319	32,058	
Water delivered only after July 1.....enterprises reporting..	407	364	28	11	1	2		1	
acres irrigated..	30,136	26,533	346	3,257					
<b>CAPITAL INVESTMENT, 1950 AND 1940</b>									
Capital investment in irrigation works and water rights to Jan. 1, 1940.....dollars 1940..	106,849,343	11,348,304	1,214,947	57,614,846	15,621,957	12,928,239	(*)	(*)	18,121,050
New capital investment Jan. 1, 1940 to Jan. 1, 1950:									
Enterprises reporting.....enterprises 1950..	4,210	3,220	713	261	10	4	4	24	2
Amount.....dollars 1950..	56,446,470	7,243,181	936,980	3,751,020	322,147	44,086,050	356,739	269,093	107,092
Area irrigated direct.....acres 1949..	1,430,915	471,657	252,933	599,883	98,249	99,757	46,190	8,193	
Total capital investment Jan. 1, 1950.....dollars 1950..	163,295,813	18,591,485	2,151,927	61,365,866	15,944,104	57,014,289	(*)	(*)	8,228,142
<b>INDEBTEDNESS, 1950<sup>4</sup></b>									
Outstanding bonds, construction cost, and other funded obligations, Jan. 1, 1950:									
Enterprises reporting.....enterprises..	148		8	123	11	3	4	7	3
Amount.....dollars..	44,165,521		8,860	13,177,799	1,817,024	28,676,122	9,299,319	324,842	485,716
Area irrigated direct.....acres..	604,540		11,324	498,239	72,874	99,757	31,574	22,103	
Arrearage in payment of principal or interest on bonds, construction cost, and other funded obligations, Jan. 1, 1950:									
Enterprises reporting.....enterprises..	8			5	1	1		2	1
Amount.....dollars..	416,469			116,219	194,924	30,140		1,700	75,186
Area irrigated direct.....acres..	27,756			13,846				11,069	13,910

\*Not available.

<sup>1</sup>These enterprises also included under "District" or other types of enterprises as the case may be.

<sup>2</sup>Not including single-farm enterprises receiving water from Bureau of Reclamation projects.

<sup>3</sup>Enterprises reporting water from more than 1 source are counted for each. For interstate enterprises, number of enterprises represents characteristics of the entire enterprise, acreage represents acreage within the State.

<sup>4</sup>Not reported by single-farm enterprises.

IRRIGATION OF AGRICULTURAL LANDS

State Table 3 (Part 3 of 3)—IRRIGATION ENTERPRISES, NUMBER AND CHARACTERISTICS, BY TYPE OF ENTERPRISE: CENSUSES OF 1950 AND 1940

[For interstate enterprises, data represent characteristics within the State, except where otherwise noted. Acreage irrigated direct by 2 or more enterprises is counted for each enterprise.]

Item (For definitions and explanations, see text)	Type of enterprise								
	All types	Single-farm	Mutual		District	U.S. Bureau of Reclamation		All or part of water from U.S.B.R. projects <sup>1,2</sup>	Commercial, Indian, State, city, and other
			Unincorporated	Incorporated		Operated by Bureau	Operated by water users <sup>1</sup>		
<b>COST OF WATER TO FARMS, 1949<sup>3</sup></b>									
Total cost of water to farms:									
Enterprises reporting.....enterprises..	8,652	6,483	1,513	633	15		3	33	8
Cost.....dollars..	5,224,777	1,381,412	438,234	3,005,087	336,700		244,907	91,140	63,344
Area irrigated direct.....acres..	3,331,381	931,763	559,708	1,652,636	155,216		99,757	52,319	32,058
Cost per acre irrigated direct.....dollars..	1.57	1.48	0.78	1.82	2.17		2.45	1.74	1.98
Enterprises by cost per acre:									
Less than \$1.00.....enterprises reporting..	4,506	3,119	1,133	248	5		1	12	1
acres irrigated..	1,810,021	625,066	441,550	678,270	56,942		20,000	13,384	8,193
\$1.00-\$1.99.....enterprises reporting..	1,030	660	188	176	3			13	3
acres irrigated..	535,622	79,828	54,666	364,162	35,820			20,782	1,146
\$2.00-\$4.99.....enterprises reporting..	1,741	1,407	156	170	4		1	6	4
acres irrigated..	847,448	152,158	57,612	562,396	52,563		72,077	16,435	22,719
\$5.00-\$9.99.....enterprises reporting..	785	725	23	34	3		1	2	
acres irrigated..	115,924	55,838	3,321	46,874	9,891		7,680	1,718	
\$10.00 or more.....enterprises reporting..	590	572	13	5					
acres irrigated..	22,366	18,873	2,559	934					
Cost of water for primary irrigation:									
Enterprises reporting.....enterprises..	6,926	4,837	1,441	625	15		3	33	8
Cost.....dollars..	4,566,249	931,290	399,254	2,851,966	323,411		240,566	85,603	60,328
Area supplied primary irrigation.....acres..	2,943,895	735,229	483,699	1,544,510	149,953		97,280	49,249	30,504
Cost per acre supplied.....dollars..	1.55	1.27	0.83	1.85	2.16		2.47	1.73	1.98
Cost of water for supplemental irrigation:									
Enterprises reporting.....enterprises..	2,417	1,811	388	210	7		2	12	1
Cost.....dollars..	658,528	450,122	38,980	153,121	13,289		4,341	5,537	3,016
Area supplied supplemental irrigation.....acres..	387,486	196,534	76,009	108,126	5,263		2,477	3,070	1,554
Cost per acre supplied.....dollars..	1.70	2.29	0.51	1.42	2.52		1.75	1.80	1.94
Cost to farms for purposes other than operation and maintenance: <sup>4</sup>									
Enterprises reporting.....enterprises..	376		152	217	6		3	24	1
Cost.....dollars..	834,001		86,860	656,226	80,915		37,274	38,549	10,000
Area irrigated direct.....acres..	889,152		65,815	715,493	93,932		99,757	32,935	8,002
Cost per acre irrigated.....dollars..	0.94		1.32	0.92	0.86		0.37	1.18	1.25
Arrearage in payments by farms, Jan. 1, 1950: <sup>4</sup>									
Enterprises reporting.....enterprises..	152		20	128	3		2	10	1
Amount.....dollars..	385,481		4,437	170,463	209,074		30,313	2,175	1,507
Area irrigated direct.....acres..	461,865		12,902	333,046	115,056		79,757	28,820	861
<b>QUANTITIES OF WATER REPORTED, 1949<sup>4</sup></b>									
Total obtained from all sources <sup>5</sup> .....enterprises reporting..	2,201		1,491	674	20		3	34	12
acres-foot..	10,795,335		2,235,813	7,643,106	624,629		152,852	1,384,237	261,467
Surface sources.....enterprises reporting..	1,792		1,315	445	16		3	30	13
acres-foot..	9,074,298		1,978,001	6,338,391	481,629		152,852	1,342,404	102,970
Pumped wells.....enterprises reporting..	7		5	1	1				
acres-foot..	7,761		651	1,998	5,112		5,112		
Other enterprises.....enterprises reporting..	630		290	32	7		1	34	1
acres-foot..	1,713,276		257,161	1,302,717	137,888		36,721	158,497	15,510
Conveyance loss <sup>5</sup> .....enterprises reporting..	2,060		1,399	628	19		2	33	12
acres-foot..	1,906,935		278,127	1,333,504	221,497		34,559	199,476	39,248
Delivered: <sup>5</sup>									
Direct to farms.....enterprises reporting..	2,075		1,425	627	15		3	33	8
acres-foot..	6,201,791		1,798,909	4,021,678	313,646		464,653	182,158	67,558
To other enterprises.....enterprises reporting..	460		181	251	17			9	8
acres-foot..	1,945,226		145,317	1,578,119	85,386		118,293	87,399	18,111
For use other than irrigation.....enterprises reporting..	77		24	47	3			2	3
acres-foot..	741,383		13,460	709,805	4,100		632,709	1,562	14,018
Delivered direct to farms for primary irrigation:									
Enterprises reporting.....enterprises..	1,988		1,352	614	14		3	33	8
Quantity delivered.....acres-foot..	5,745,754		1,607,423	3,774,248	299,828		454,898	169,522	64,255
Area supplied primary irrigation.....acres..	2,170,718		454,920	1,535,924	149,370		97,280	49,249	30,504
Quantity per acre supplied.....acres-foot..	2.6		3.5	2.5	2.0		4.7	3.4	2.1
Delivered direct to farms for supplemental irrigation:									
Enterprises reporting.....enterprises..	576		363	205	7		2	12	1
Quantity delivered.....acres-foot..	424,755		191,486	217,079	12,887		9,755	11,187	3,303
Area supplied supplemental irrigation.....acres..	179,962		67,397	105,748	5,263		2,477	3,070	1,554
Quantity per acre supplied.....acres-foot..	2.4		2.8	2.1	2.4		3.9	3.6	2.1
Cost of water to farms for enterprises reporting quantity delivered:									
Cost for primary irrigation.....dollars..	3,570,199		367,006	2,823,243	319,622		240,566	85,603	60,328
Average cost per acre-foot.....dollars..	0.62		0.23	0.75	1.07		0.52	0.50	0.91
Cost for supplemental irrigation.....dollars..	196,003		28,267	151,431	13,289		4,341	5,537	3,016
Average cost per acre-foot.....dollars..	0.46		0.15	0.70	1.03		0.44	0.49	0.91
Measurement of water to farms:									
No water measured.....enterprises reporting..	1,282		1,061	205	6		1	3	7
acres..	641,303		356,590	268,986	9,753		7,680	11,155	8,974
Part of water measured.....enterprises reporting..	205		77	125				2	3
acres..	369,078		52,303	308,408				9,153	8,367
All water measured.....enterprises reporting..	640		330	297	10		2	28	3
acres..	1,262,189		112,351	1,031,058	104,063		92,077	32,011	14,717

<sup>1</sup>These enterprises also included under "District" or other types of enterprises as the case may be. <sup>2</sup>Not including single-farm enterprises receiving water from Bureau of Reclamation projects. <sup>3</sup>Enterprises with reported cost of \$0 in 1949 are included. <sup>4</sup>Not reported by single-farm enterprises. <sup>5</sup>For interstate enterprises, data represent characteristics of the entire enterprise.

State Table 4 (Part 1 of 3).—COMPLETE-SYSTEM IRRIGATION ENTERPRISES BY SURFACE, GROUND, GRAVITY AND PUMPED WATER; AND BY ACREAGE IRRIGATED: CENSUS OF 1950

[For interstate enterprises, number of enterprises represents characteristics of the entire enterprise, other data represent characteristics within the State, except where otherwise noted. Farms and acreage irrigated by 2 or more enterprises are counted for each enterprise.]

Item (For definitions and explanations, see text)	Total complete-system enterprises <sup>1</sup>	Type of water <sup>2</sup>				Acres irrigated <sup>2</sup>			
		Surface <sup>3</sup>		Ground (pumped wells)	Mixed	1 to 99	100 to 999	1,000 to 9,999	10,000 and over
		All gravity	All pumped						
<b>ENTERPRISES: FARMS AND LAND IRRIGATED</b>									
Number of enterprises.....enterprises..	7,143	4,137	195	2,595	216	3,049	3,040	271	13
Farms irrigated direct per enterprise.....farms..	2.6	3.6	1.4	1.1	1.9	1.2	2.2	16.9	194.9
Area irrigated.....acres..	1,818,883	1,510,682	13,754	244,957	49,490	153,393	779,623	584,632	301,235
Average per enterprise.....acres..	255	365	71	94	229	40	256	2,157	23,172
<b>CHARACTERISTICS OF ENTERPRISES</b>									
Multiple-purpose enterprises.....enterprises..	10	10				4	6		
Area irrigated.....acres..	3,371	3,371				221	3,150		
Type of enterprise:									
Single-farm.....enterprises..	5,758	2,765	193	2,590	210	3,503	2,165	86	4
acres..	821,785	525,453	11,793	244,573	39,966	136,011	475,481	157,635	52,658
Mutual:									
Unincorporated.....enterprises..	1,150	1,141	1	5	3	303	773	74	
acres irrigated..	401,275	394,641	1,596	384	4,654	16,541	251,682	133,052	
Incorporated.....enterprises..	223	220			3	13	98	107	5
acres irrigated..	485,696	480,826			4,870	841	51,080	276,161	157,614
Commercial.....enterprises..	2								1
acres irrigated..	(4)	(4)					(4)		(4)
District.....enterprises..	6	6						3	3
acres irrigated..	86,835	86,835						9,782	77,053
U.S. Bureau of Reclamation.....enterprises..									
acres irrigated..									
U.S. Bureau of Indian Affairs.....enterprises..									
acres irrigated..									
State.....enterprises..									
acres irrigated..									
City.....enterprises..	4	3	1				3	1	
acres irrigated..	8,992	8,627	365				990	8,002	
Enterprises by primary and supplemental irrigation: <sup>5</sup>									
All primary.....enterprises reporting..	4,991	3,458	140	1,238	155	2,722	2,065	195	9
acres irrigated..	1,222,752	1,071,127	10,021	103,886	37,718	103,520	553,593	366,888	198,751
Part primary, part supplemental.....enterprises reporting..	495	387	7	89	12	148	278	66	3
Primary irrigation.....acres irrigated..	310,384	300,819	397	4,610	4,558	4,068	58,002	159,433	88,881
Supplemental irrigation.....acres irrigated..	88,684	82,163	305	5,089	1,127	3,941	37,832	43,308	3,603
All supplemental.....enterprises reporting..	1,657	292	48	1,268	49	949	697	10	1
acres irrigated..	197,063	56,573	3,031	131,372	6,087	41,864	130,196	15,003	10,000
Enterprises by number of farms irrigated:									
1-3.....enterprises reporting..	6,479	3,494	192	2,582	211	3,741	2,623	110	5
4-9.....enterprises reporting..	444	428	1	13	2	68	336	40	
10-29.....enterprises reporting..	158	155	1		2	10	71	77	
30-99.....enterprises reporting..	51	50	1				10	40	1
100-299.....enterprises reporting..	10	9			1			4	6
300-999.....enterprises reporting..									1
1,000 and over.....enterprises reporting..	1	1							
Enterprises by acreage irrigated:									
1-29.....enterprises reporting..	1,570	778	81	665	46	1,570			
30-99.....enterprises reporting..	2,249	1,185	77	918	69	2,249			
100-499.....enterprises reporting..	2,691	1,579	35	999	78		2,691		
500-999.....enterprises reporting..	349	322		13	14		349		
1,000-2,999.....enterprises reporting..	221	212	2		7			221	
3,000-9,999.....enterprises reporting..	50	48			2			50	
10,000-29,999.....enterprises reporting..	9	9							9
30,000 and over.....enterprises reporting..	4	4							4
<b>USE OF SURFACE, GROUND, PUMPED AND STORED WATER</b>									
Surface water:									
Gravity only.....enterprises reporting..	4,137	4,137				1,963	1,901	260	13
acres irrigated..	1,510,682	1,510,682				80,260	568,001	561,186	301,235
Pumped only.....enterprises reporting..	195		195			158	35	2	
acres irrigated..	13,754		13,754			5,096	5,862	2,796	
Gravity and pumped.....enterprises reporting..	61				61	32	26	3	
acres irrigated..	14,550				14,550	1,169	7,096	6,285	
Ground water only (pumped from wells).....enterprises reporting..	2,595			2,595		1,583	1,012		
acres irrigated..	244,957			244,957		63,291	181,666		
Surface (gravity or pumped) and ground.....enterprises reporting..	155				155	83	66	6	
acres irrigated..	34,940				34,940	3,577	16,998	14,365	
Stored water:									
None stored.....enterprises reporting..	6,640	3,716	174	2,576	174	3,580	2,839	216	5
acres irrigated..	1,391,661	1,096,829	9,902	242,887	42,043	143,190	717,441	440,494	90,536
Part stored.....enterprises reporting..	328	276	6	15	31	120	155	46	7
acres irrigated..	384,077	374,583	2,938	1,882	4,674	5,677	51,893	129,718	196,789
All stored.....enterprises reporting..	175	145	15	4	11	119	46	9	1
acres irrigated..	43,145	39,270	914	188	2,773	4,526	10,289	14,420	17,910

<sup>1</sup>"Complete-system" irrigation enterprises are those that (1) delivered 90 percent or more of their irrigation water direct to farms, less than 10 percent to other irrigation enterprises; and (2) obtained less than 10 percent of their water from other irrigation enterprises. Enterprises that delivered no water in 1949 are excluded.  
<sup>2</sup>Interstate enterprises are classified according to type of water or acres irrigated for the entire enterprise.  
<sup>3</sup>Surface water includes water from springs and from flowing wells.  
<sup>4</sup>Data for less than 3 enterprises not shown separately.  
<sup>5</sup>For interstate enterprises, data represent characteristics within the State.

## IRRIGATION OF AGRICULTURAL LANDS

State Table 4 (Part 2 of 3).—COMPLETE-SYSTEM IRRIGATION ENTERPRISES BY SURFACE, GROUND, GRAVITY AND PUMPED WATER; AND BY ACREAGE IRRIGATED: CENSUS OF 1950

[For interstate enterprises, data represent characteristics within the State, except where otherwise noted.  
Acreage irrigated by 2 or more enterprises is counted for each enterprise.]

Item (For definitions and explanations, see text)	Total complete-system enterprises <sup>1</sup>	Type of water <sup>2</sup>				Acres irrigated <sup>2</sup>			
		Surface <sup>3</sup>		Ground (pumped wells)	Mixed	1 to 99	100 to 999	1,000 to 9,999	10,000 and over
		All gravity	All pumped						
<b>SOURCES OF SURFACE WATER<sup>4</sup></b>									
Streams (and lakes).....enterprises reporting..	4,037	3,747	149	.....	141	1,827	1,932	265	13
.....acres irrigated..	1,535,442	1,480,510	11,667	.....	43,265	78,181	579,783	576,243	301,235
Springs.....enterprises reporting..	338	311	6	.....	21	231	100	7	.....
.....acres irrigated..	46,785	44,216	196	.....	2,373	6,807	26,786	13,192	.....
Flowing wells.....enterprises reporting..	178	140	.....	.....	38	105	61	11	1
.....acres irrigated..	56,141	46,732	.....	.....	9,409	3,257	13,060	29,824	10,000
Drainage water.....enterprises reporting..	333	233	43	.....	57	206	108	16	3
.....acres irrigated..	178,745	166,295	1,996	.....	10,454	7,175	26,981	40,871	103,718
Sewage.....enterprises reporting..	3	2	.....	.....	1	2	1	.....	.....
.....acres irrigated..	279	197	.....	.....	82	138	141	.....	.....
Other sources.....enterprises reporting..	1	1	.....	.....	1	1	.....	.....	.....
.....acres irrigated..	52	52	.....	.....	52	.....	.....	.....	.....
<b>DRAINAGE OF IRRIGATED LAND</b>									
Irrigated land drained:									
Enterprises reporting.....enterprises..	358	275	10	55	18	112	194	46	6
.....acres..	352,796	341,125	647	5,200	5,824	4,711	62,640	105,792	179,653
Acreage supplied primary irrigation.....acres..	112,686	107,981	370	2,772	1,563	2,736	21,320	27,126	61,504
Irrigated land in need of drainage:									
Enterprises reporting.....enterprises..	598	508	13	53	24	188	338	68	4
.....acres..	194,415	177,950	1,032	4,075	11,358	8,830	95,955	39,428	50,202
Acreage in need of drainage.....acres..	71,399	66,545	175	2,151	2,528	2,661	18,782	16,976	32,980
<b>IRRIGATION WORKS</b>									
Diversion dams.....enterprises reporting..	3,743	3,602	23	22	96	1,741	1,760	235	7
.....dams..	6,633	6,395	31	30	177	2,759	3,327	483	64
Diversion dams by material:									
Concrete or masonry.....dams..	395	382	1	3	9	114	211	59	11
Timber.....dams..	778	753	1	7	17	272	418	74	14
Earth or rock.....dams..	4,831	4,661	24	19	127	2,167	2,356	274	34
Other, mixed, and not reported.....dams..	629	599	5	1	24	206	342	76	5
Reservoirs.....enterprises reporting..	474	399	20	17	38	236	195	39	4
.....reservoirs..	670	560	23	19	68	305	272	77	16
Reservoirs for which capacity was reported.....reservoirs..	606	504	23	18	61	271	242	77	16
.....total capacity, acre-feet..	465,724	456,451	3,254	401	5,618	7,349	60,687	144,665	253,023
Reservoirs by capacity:									
1-99 acre-feet.....reservoirs..	421	330	20	16	55	253	148	20	.....
100-999 acre-feet.....reservoirs..	133	125	2	1	5	18	80	29	6
1,000 acre-feet and over.....reservoirs..	52	49	1	1	1	.....	14	28	10
Reservoir dams by material:									
Concrete or masonry.....dams..	16	12	1	2	1	8	4	2	2
Earth or rock.....dams..	624	520	22	17	65	282	254	74	14
Other, mixed, and not reported.....dams..	30	28	.....	.....	2	15	14	1	.....
Canals and ditches.....enterprises reporting..	3,380	3,080	49	149	102	1,454	1,678	238	10
.....total length, miles..	10,542	10,042	91	166	243	1,790	5,043	2,378	1,331
Pipelines and siphons.....enterprises reporting..	208	151	12	29	16	87	92	27	2
.....total length, miles..	120	93	11	8	7	50	42	12	16
Tunnels.....enterprises reporting..	24	23	.....	.....	1	3	14	6	1
.....total length, feet..	48,850	48,750	.....	.....	100	425	4,796	5,007	38,622
Flowing wells.....enterprises reporting..	175	137	.....	.....	38	103	61	10	1
.....wells..	994	848	.....	.....	146	228	459	247	60
Pumped wells.....enterprises reporting..	2,762	9	.....	2,595	158	1,674	1,080	8	.....
.....wells..	4,159	18	.....	3,841	300	2,167	1,966	26	.....
Wells for which pumping lift was reported.....wells..	3,932	.....	.....	3,693	239	2,056	1,863	13	.....
.....average pumping lift.....feet..	38	.....	.....	38	32	33	43	39	.....
Irrigation pumps.....enterprises reporting..	3,007	9	188	2,595	215	1,854	1,143	10	.....
.....pumps..	4,352	9	225	3,725	393	2,269	2,047	36	.....
Electric motors used for pumping.....enterprises reporting..	2,265	6	67	2,079	113	1,291	968	6	.....
.....electric motors..	3,286	10	77	2,985	214	1,577	1,688	21	.....
Other motors and engines used for pumping.....enterprises reporting..	843	12	114	613	104	616	222	5	.....
.....other motors and engines..	986	15	124	708	139	687	285	14	.....
<b>SEASON OF IRRIGATION</b>									
Enterprises reporting and acreage irrigated:									
Water delivered only before July 1.....enterprises reporting..	278	232	8	34	4	161	113	4	.....
.....acres irrigated..	39,351	36,656	227	2,020	448	6,285	27,609	5,457	.....
Water delivered before and after July 1.....enterprises reporting..	6,298	3,720	166	2,225	187	3,249	2,781	255	13
.....acres irrigated..	1,712,574	1,437,391	12,316	217,566	45,301	133,351	722,573	555,600	301,050
Water delivered only after July 1.....enterprises reporting..	349	61	17	254	17	262	84	3	.....
.....acres irrigated..	27,803	7,436	812	18,104	1,451	9,272	14,926	3,605	.....
<b>NEW CAPITAL INVESTMENT</b>									
New capital investment Jan. 1, 1940 to Jan. 1, 1950:									
Enterprises reporting.....enterprises..	3,363	1,596	128	1,501	138	1,677	1,533	147	6
.....Amount.....dollars..	7,468,867	2,740,878	143,893	4,146,051	438,045	2,295,866	3,973,089	953,926	245,986
.....Area irrigated.....acres..	909,795	719,950	8,367	149,903	31,575	70,456	393,797	301,833	143,709
<b>INDEBTEDNESS<sup>5</sup></b>									
Outstanding bonds, construction cost, and other funded obligations, Jan. 1, 1950:									
Enterprises reporting.....enterprises..	62	61	.....	.....	1	.....	17	40	5
.....Amount.....dollars..	7,061,004	6,991,704	.....	.....	69,300	.....	102,331	638,575	6,320,098
.....Area irrigated.....acres..	59,618	56,866	.....	.....	2,752	.....	9,709	8,510	41,399
Arrearage in payment of principal or interest on bonds, construction cost, and other funded obligations, Jan. 1, 1950:									
Enterprises reporting.....enterprises..	3	3	.....	.....	.....	.....	1	1	1
.....Amount.....dollars..	99,705	99,705	.....	.....	.....	.....	23,000	1,519	75,186
.....Area irrigated.....acres..	15,987	15,987	.....	.....	.....	.....	936	1,141	13,910

<sup>1</sup>"Complete-system" irrigation enterprises are those that (1) delivered 90 percent or more of their irrigation water direct to farms, less than 10 percent to other irrigation enterprises; and (2) obtained less than 10 percent of their water from other irrigation enterprises. Enterprises that delivered no water in 1949 are excluded.

<sup>2</sup>Interstate enterprises are classified according to type of water or acres irrigated for the entire enterprise.

<sup>3</sup>Surface water includes water from springs and from flowing wells.

<sup>4</sup>Enterprises reporting water from more than 1 source are counted for each. For interstate enterprises, number of enterprises represents characteristics of the entire enterprise, acreage represents acreage within the State.

<sup>5</sup>Not reported by single-farm enterprises.



State Table 4 (Part 3 of 3).—COMPLETE-SYSTEM IRRIGATION ENTERPRISES BY SURFACE, GROUND, GRAVITY AND PUMPED WATER; AND BY ACREAGE IRRIGATED: CENSUS OF 1950

[For interstate enterprises data represent characteristics within the State, except where otherwise noted. Acreage irrigated by 2 or more enterprises is counted for each enterprise]

Item (For definitions and explanations, see text)	Total complete-system enterprises <sup>1</sup>	Type of water <sup>2</sup>				Acres irrigated <sup>2</sup>			
		Surface <sup>3</sup>		Ground (pumped wells)	Mixed	1 to 99	100 to 999	1,000 to 9,999	10,000 and over
		All gravity	All pumped						
<b>COST OF WATER TO FARMS<sup>4</sup></b>									
Total cost of water to farms:									
Enterprises reporting.....enterprises..	7,143	4,137	195	2,595	216	3,819	3,040	271	13
Cost.....dollars..	2,293,057	1,298,690	38,808	859,703	95,856	400,560	968,218	507,099	417,180
Area irrigated.....acres..	1,818,883	1,510,682	13,754	244,957	49,490	153,393	779,623	584,632	301,235
Cost per acre irrigated.....dollars..	1.26	0.86	2.82	3.51	1.94	2.61	1.24	0.87	1.38
Enterprises by cost per acre:									
Less than \$1.00.....enterprises reporting..	3,899	3,454	39	342	64	1,820	1,870	201	8
.....acres irrigated..	1,194,061	1,119,456	5,979	44,133	24,493	75,756	538,558	421,491	158,256
\$1.00-\$1.99.....enterprises reporting..	756	339	21	365	31	361	353	41	1
.....acres irrigated..	204,593	153,526	1,815	41,753	7,499	17,561	82,297	89,559	15,176
\$2.00-\$4.99.....enterprises reporting..	1,382	236	63	1,008	75	763	590	25	4
.....acres irrigated..	345,826	221,835	3,653	107,588	12,750	36,812	114,407	66,804	127,803
\$5.00-\$9.99.....enterprises reporting..	654	66	39	521	28	463	387	4	.....
.....acres irrigated..	59,578	11,571	1,414	42,386	4,207	16,730	36,070	6,778	.....
\$10.00 or more.....enterprises reporting..	452	42	33	359	18	412	40	.....	.....
.....acres irrigated..	14,825	4,294	893	9,097	541	6,534	8,291	.....	.....
Cost of water for primary irrigation:									
Enterprises reporting.....enterprises..	5,486	3,845	147	1,327	167	2,870	2,343	261	12
Cost.....dollars..	1,794,954	1,210,566	28,905	475,591	79,892	251,954	662,605	469,567	410,828
Area supplied primary irrigation.....acres..	1,533,136	1,371,946	10,418	108,496	42,276	107,588	611,595	526,321	287,632
Cost per acre supplied.....dollars..	1.17	0.88	2.77	4.38	1.89	2.34	1.08	0.89	1.43
Cost of water for supplemental irrigation:									
Enterprises reporting.....enterprises..	2,152	679	55	1,357	61	1,097	975	76	4
Cost.....dollars..	498,103	88,124	9,903	384,112	15,964	148,606	305,613	37,532	6,352
Area supplied supplemental irrigation.....acres..	285,747	138,736	3,336	136,461	7,214	45,495	168,028	58,311	13,603
Cost per acre supplied.....dollars..	1.74	0.64	2.97	2.81	2.21	3.24	1.82	0.64	0.47
Cost to farms for purposes other than operation and maintenance: <sup>5</sup>									
Enterprises reporting.....enterprises..	135	133	.....	.....	2	14	74	43	4
Cost.....dollars..	179,892	177,772	.....	.....	2,120	4,213	58,856	71,563	45,260
Area irrigated.....acres..	293,829	292,578	.....	.....	1,251	871	32,913	110,915	149,130
Cost per acre irrigated.....dollars..	0.61	0.61	.....	.....	1.69	4.84	1.79	0.65	0.30
Arrearage in payments by farms, Jan. 1, 1950: <sup>5</sup>									
Enterprises reporting.....enterprises..	51	49	.....	.....	2	3	22	25	1
Amount.....dollars..	52,797	49,839	.....	.....	2,958	662	7,406	15,916	28,813
Area irrigated.....acres..	156,137	152,869	.....	.....	3,268	206	12,552	71,302	72,077
<b>QUANTITIES OF WATER REPORTED<sup>5</sup></b>									
Total obtained from all sources <sup>6</sup> .....enterprises reporting..	1,302	1,289	2	5	6	288	828	177	9
.....acre-feet..	3,896,684	3,852,531	14,456	651	29,046	110,005	1,355,191	1,378,633	1,052,855
Surface sources.....enterprises reporting..	1,297	1,289	2	.....	6	284	827	177	9
.....acre-feet..	3,885,497	3,842,136	14,315	.....	29,046	109,733	1,352,750	1,375,433	1,047,581
Pumped wells.....enterprises reporting..	5	.....	.....	5	.....	4	1	.....	.....
.....acre-feet..	651	.....	.....	651	.....	171	480	.....	.....
Other enterprises.....enterprises reporting..	47	46	1	.....	.....	8	25	12	2
.....acre-feet..	10,536	10,395	141	.....	.....	101	1,961	3,200	5,274
Conveyance loss <sup>6</sup> .....enterprises reporting..	1,233	1,221	2	4	6	270	788	166	9
.....acre-feet..	618,743	608,968	3,097	17	6,661	16,158	172,220	217,589	212,776
Delivered: <sup>6</sup>									
Direct to farms.....enterprises reporting..	1,302	1,289	2	5	6	288	828	177	9
.....acre-feet..	3,090,173	3,062,419	6,092	634	21,028	86,945	1,143,531	1,142,827	716,870
To other enterprises.....enterprises reporting..	47	45	.....	.....	2	.....	10	29	8
.....acre-feet..	27,820	27,620	.....	.....	200	.....	2,163	10,185	15,472
For use other than irrigation.....enterprises reporting..	40	38	1	.....	1	11	22	6	1
.....acre-feet..	159,948	153,524	5,267	.....	1,157	6,902	37,277	8,032	107,737
Delivered to farms for primary irrigation:									
Enterprises reporting.....enterprises..	1,239	1,230	2	3	4	268	790	173	8
Quantity delivered.....acre-feet..	2,839,482	2,815,213	6,092	125	18,052	73,413	1,011,988	1,044,009	710,072
Acreage supplied primary irrigation.....acres..	866,460	857,024	1,961	149	7,326	13,158	246,974	361,539	244,789
Quantity per acre supplied.....acre-feet..	3.3	3.3	3.1	0.8	2.5	5.6	4.1	2.9	2.9
Delivered to farms for supplemental irrigation:									
Enterprises reporting.....enterprises..	389	385	.....	2	2	79	241	66	3
Quantity delivered.....acre-feet..	238,786	237,759	.....	29	998	13,514	131,543	87,787	5,942
Acreage supplied supplemental irrigation.....acres..	89,163	88,258	.....	90	815	2,828	40,266	42,466	3,603
Quantity per acre supplied.....acre-feet..	2.7	2.7	.....	0.3	1.2	4.8	3.3	2.1	1.6
Cost of water to farms for enterprises reporting quantity delivered:									
Cost for primary irrigation.....dollars..	1,049,072	1,024,437	733	71	23,831	19,085	193,555	425,860	410,572
Average cost per acre-foot.....dollars..	0.37	0.36	0.12	0.57	1.32	0.26	0.19	0.41	0.58
Cost for supplemental irrigation.....dollars..	64,389	62,828	.....	9	1,552	2,006	21,957	35,574	4,852
Average cost per acre-foot.....dollars..	0.27	0.26	.....	0.31	1.56	0.15	0.17	0.41	0.82
Measurement of water to farms:									
No water measured.....enterprises reporting..	936	930	1	3	2	233	615	88	.....
.....acres..	370,701	368,280	1,596	265	560	12,816	207,749	150,136	.....
Part of water measured.....enterprises reporting..	80	78	1	.....	1	8	43	29	.....
.....acres..	96,848	93,731	365	.....	2,752	409	16,748	79,691	.....
All water measured.....enterprises reporting..	265	261	.....	2	2	51	151	55	8
.....acres..	435,598	430,650	.....	119	4,829	2,881	56,813	168,329	207,575

<sup>1</sup>"Complete-system" irrigation enterprises are those that (1) delivered 90 percent or more of their irrigation water direct to farms, less than 10 percent to other irrigation enterprises; and (2) obtained less than 10 percent of their water from other irrigation enterprises. Enterprises that delivered no water in 1949 are excluded.  
<sup>2</sup>Interstate enterprises are classified according to type of water or acres irrigated for the entire enterprise.  
<sup>3</sup>Surface water includes water from springs and from flowing wells.  
<sup>4</sup>Enterprise with reported cost of \$0 in 1949 are included.  
<sup>5</sup>Not reported by single-farm enterprises.  
<sup>6</sup>For interstate enterprises, data represent characteristics of the entire enterprise.

IRRIGATION OF AGRICULTURAL LANDS

County Table 1.—IRRIGATED FARMS: NUMBER, ACREAGE, AND OTHER CHARACTERISTICS: CENSUSES OF 1950 AND 1945

[1950 data for items shown in italics are based on reports for only a sample of farms. See text.]

Item (For definitions and explanations, see text)	The State	Adams	Alamosa	Arapahoe	Archuleta	Baca	Bent	Boulder	Chaffee
1 Irrigated farms.....number 1950..	27,121	939	401	279	154	22	454	1,047	184
2 1945..	28,054	876	406	329	165	8	444	1,154	299
3 Proportion of all farms.....percent 1950..	59.5	59.1	89.1	30.7	64.2	2.2	71.2	79.3	88.9
4 Land in irrigated farms.....acres 1950..	17,083,200	307,615	333,301	154,810	138,102	39,102	480,048	195,963	135,387
5 average per farm, acres 1950..	629.9	327.6	831.2	554.9	896.8	1,777.4	1,057.4	187.2	735.8
6 Value of land and buildings.....average per farm, dollars 1950..	24,538	22,437	21,609	33,167	25,565	40,857	24,098	23,879	17,559
7 average per acre, dollars 1950..	43.09	73.61	26.17	61.85	22.14	23.11	23.46	152.60	28.38
8 Proportion of irrigated farms reporting value.....percent 1950..	89	91	87	101	86	86	105	90	100
9 Proportion of land in irrigated farms for which value was reported.....percent 1950..	81	86	86	98	111	86	102	75	84
10 Land in irrigated farms according to use, 1949:									
11 Cropland harvested.....farms reporting..	26,058	907	386	261	149	22	434	923	177
12 acres.....	2,698,393	81,726	66,660	24,862	14,472	7,320	62,629	80,020	12,484
13 Cropland used only for pasture.....acres..	647,571	4,640	21,602	1,213	4,819	430	8,540	5,170	4,554
14 Cropland not harvested and not pastured.....acres..	451,288	39,719	8,232	13,753	985	4,544	8,950	13,286	2,219
15 Woodland pastured.....acres..	2,113,259	1,661	4,413	15	80,207	6	452	7,098	23,797
16 Other pasture (not cropland and not woodland).....acres..	10,185,259	172,917	215,736	110,506	29,046	26,186	389,870	79,079	73,131
17 Land pastured, total.....farms reporting..	18,488	417	343	158	153	17	336	777	165
18 acres.....	12,946,085	179,248	241,751	111,734	114,072	26,622	398,862	91,347	101,482
19 Irrigated land in farms.....acres 1949..	2,872,348	49,677	99,332	9,592	16,683	1,371	61,652	73,307	16,734
20 1944..	2,696,579	33,294	100,078	12,249	17,820	580	55,407	80,934	19,266
21 Land irrigated by sprinklers.....farms reporting 1949..	183	9	1	8	.....	.....	1	4	2
22 acres 1949..	8,194	412	5	180	.....	.....	20	24	26
23 Irrigated land in farms according to use, 1949:									
24 Irrigated cropland harvested.....farms reporting..	25,790	899	382	250	148	18	434	903	176
25 acres.....	2,253,868	45,902	64,288	7,991	11,557	962	56,139	62,885	12,125
26 Irrigated pasture.....farms reporting..	10,789	166	223	84	78	2	171	509	93
27 acres.....	557,664	2,327	24,815	1,260	4,897	15	3,805	9,419	4,405
28 Irrigated wild grass pasture.....farms reporting..	3,947	29	148	26	37	.....	37	240	55
29 acres.....	320,537	499	17,931	490	2,563	.....	1,073	5,520	2,641
30 Irrigated tame grass pasture.....farms reporting..	7,750	143	115	61	53	2	144	303	51
31 acres.....	237,127	1,828	6,884	770	2,334	15	2,733	3,899	1,764
32 Irrigated cropland not harvested and not pastured.....farms reporting..	2,897	106	89	19	11	8	71	149	19
33 acres..	60,816	1,448	10,229	341	229	394	1,707	1,003	204
34 Irrigated farms by acres irrigated in 1949:									
35 1-9 acres.....farms reporting..	4,593	294	15	144	14	2	23	265	20
36 10-19 acres.....farms reporting..	2,665	132	7	38	10	3	32	110	20
37 20-29 acres.....farms reporting..	1,747	80	12	23	13	2	13	56	13
38 30-49 acres.....farms reporting..	2,901	99	15	27	18	1	28	84	21
39 50-99 acres.....farms reporting..	6,132	180	67	26	42	10	103	248	50
40 100-199 acres.....farms reporting..	5,955	111	143	9	32	4	168	219	44
41 200 acres and over.....farms reporting..	3,128	43	142	12	25	.....	87	65	16
42 Irrigated farms by tenure of operator, 1950:									
43 Full owners.....number..	15,171	528	255	183	102	3	199	583	133
44 Part owners.....number..	5,033	177	80	60	40	17	83	178	26
45 Managers.....number..	230	4	4	9	1	.....	4	5	3
46 Tenants.....number..	6,687	230	62	27	11	2	168	281	22
47 Land in wholly and in partly irrigated farms:									
48 Wholly irrigated farms.....number 1950..	20,906	660	339	176	86	1	367	579	161
49 All land.....acres 1950..	10,147,294	180,824	303,846	50,700	72,216	20	242,070	77,506	124,365
50 Cropland harvested.....acres 1949..	1,826,908	25,916	59,197	3,384	8,000	14	46,599	37,222	11,330
51 Irrigated land.....acres 1949..	2,346,973	28,381	88,444	3,964	12,024	14	50,892	43,685	15,548
52 Partly irrigated farms.....number 1950..	6,215	279	62	103	68	21	87	468	23
53 All land.....acres 1950..	6,935,906	126,791	29,455	104,110	65,886	39,082	237,978	118,457	11,022
54 Cropland harvested, total.....farms reporting 1949..	5,152	247	47	85	63	21	67	344	16
55 acres 1949..	871,485	55,810	7,463	21,478	6,472	7,306	16,030	42,798	1,154
56 Irrigated land.....acres 1949..	525,375	21,296	10,888	5,628	4,659	1,357	10,760	29,622	1,186
57 Irrigated cropland harvested.....farms reporting 1949..	4,884	239	43	74	62	17	67	324	15
58 acres 1949..	426,960	19,986	5,091	4,607	3,557	948	9,540	25,663	795
59 Characteristics of wholly irrigated and nonirrigated farms:									
60 Wholly irrigated farms.....number 1950..	20,906	660	339	176	86	1	367	579	161
61 Average acreage per farm:									
62 All land.....acres 1949..	485.4	274.0	896.3	288.1	839.7	20.0	659.6	133.9	772.4
63 Cropland harvested.....acres 1949..	67.4	39.3	174.6	19.2	93.0	14.0	127.0	64.3	70.4
64 Land in bearing and nonbearing fruit orchards, planted nut trees, and vineyards.....acres 1949..	1.1	0.1	( <sup>1</sup> )	0.1	0.5	2.0	( <sup>1</sup> )	0.3	0.2
65 Vegetables harvested for sale.....acres 1949..	2.1	9.0	4.6	1.7	.....	.....	2.2	0.9	0.2
66 Small grains (including sorghums).....acres 1949..	20.9	12.4	48.1	6.6	17.4	.....	38.2	25.2	17.9
67 All hay.....acres 1949..	42.6	9.0	104.7	9.8	70.5	12.0	51.7	23.5	50.8
68 Farms by tenure of operator:									
69 Full owners and managers.....number 1950..	12,136	404	217	135	63	1	161	332	119
70 Part owners.....number 1950..	3,412	90	69	25	17	.....	58	79	22
71 Tenants.....number 1950..	5,358	166	53	16	6	.....	148	168	20
72 Value of land and buildings per farm.....dollars 1950..	22,286	18,860	22,704	24,196	25,440	.....	21,254	24,354	18,092
73 Nonirrigated farms.....number 1950..	18,457	650	49	631	86	977	184	273	23
74 Average acreage per farm:									
75 All land.....acres 1949..	1,130.7	583.7	95.8	608.2	948.3	1,285.8	2,224.1	255.2	191.7
76 Cropland harvested.....acres 1949..	227.3	263.2	9.5	142.2	41.9	473.8	204.9	26.6	6.5
77 Land in bearing and nonbearing fruit orchards, planted nut trees, and vineyards.....acres 1949..	0.1	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
78 Vegetables harvested for sale.....acres 1949..	0.1	0.2	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
79 Small grains (including sorghums).....acres 1949..	164.8	239.3	2.0	114.3	16.0	362.6	163.8	18.2	1.1
80 All hay.....acres 1949..	11.2	8.7	4.0	8.9	25.6	1.5	3.2	6.7	5.3
81 Farms by tenure of operator:									
82 Full owners and managers.....number 1950..	8,547	356	40	379	66	254	75	201	20
83 Part owners.....number 1950..	6,222	182	3	170	5	420	69	40	.....
84 Tenants.....number 1950..	3,688	112	6	82	15	303	40	32	3
85 Value of land and buildings per farm.....dollars 1950..	28,644	34,879	7,833	25,175	16,504	39,618	47,324	12,709	4,267
86 Irrigated farms and irrigated land by origin of water, 1949:									
87 Individually operated supply works and—									
88 No other irrigation enterprise.....farms reporting..	3,423	251	23	26	56	2	19	25	34
89 acres irrigated..	537,530	14,519	9,453	1,603	5,919	60	2,642	1,191	2,698
90 1 other irrigation enterprise.....farms reporting..	2,727	125	89	8	4	.....	39	21	14
91 acres irrigated..	468,967	8,071	32,296	154	649	.....	7,129	2,771	2,766
92 2 or more other irrigation enterprises.....farms reporting..	545	18	14	2	4	.....	2	9	3
93 acres irrigated..	230,357	1,080	4,629	1,131	1,372	.....	413	1,260	1,135
94 No individually operated supply works but—									
95 1 other irrigation enterprise.....farms reporting..	17,722	485	245	232	85	20	374	741	117
96 acres irrigated..	1,236,602	20,339	39,500	5,376	8,277	1,311	47,042	38,934	8,468
97 2 or more other irrigation enterprises.....farms reporting..	2,704	60	30	11	5	.....	20	251	16
98 acres irrigated..	398,892	5,668	13,454	1,326	466	.....	4,426	29,151	1,687

See footnote at end of County Table 1.

County Table 1.—IRRIGATED FARMS: NUMBER, ACREAGE, AND OTHER CHARACTERISTICS: CENSUSES OF 1950 AND 1945—Continued

[1950 data for items shown in italics are based on reports for only a sample of farms. See text.]

Item (For definitions and explanations, see text)		Clear Creek	Conejos	Costillas	Crowley	Custer	Delta	Denver	Dolores	Douglas	Eagle
1	Irrigated farms.....number 1950..	3	825	441	390	130	1,616	49	10	65	222
2	.....number 1945..	11	770	538	375	146	1,647	146	10	37	223
3	Proportion of all farms.....percent 1950..	11.5	94.6	94.2	79.6	58.6	97.5	31.2	4.1	15.9	94.5
4	Land in irrigated farms.....acres 1950..	470	435,192	556,411	129,296	168,373	329,255	406	14,513	93,399	232,953
5	.....average per farm, acres 1950..	156.7	527.5	1,261.7	331.5	1,295.2	203.7	8.3	1,451.3	1,436.9	1,049.3
6	Value of land and buildings.....average per farm, dollars 1950..	24,945	22,937	16,587	38,733	12,492	5,000	25,582	35,756	32,713	32,713
7	.....average per acre, dollars 1950..	52.00	17.74	60.74	28.89	61.43	1,250.00	27.48	31.95	36.24	78
8	Proportion of irrigated farms reporting value.....percent 1950..	95	94	77	88	88	10	110	126	98	67
9	Proportion of land in irrigated farms for which value was reported.....percent 1950..	87	96	64	92	88	5	71	98	67	67
Land in irrigated farms according to use, 1949:											
10	Cropland harvested.....farms reporting..	3	800	437	383	130	1,544	48	10	65	214
11	.....acres..	100	103,002	30,963	38,562	21,586	55,066	304	702	9,608	23,280
12	Cropland used only for pasture.....acres..	22,065	5,492	3,693	4,222	14,406	.....	347	1,245	7,786	.....
13	Cropland not harvested and not pastured.....acres..	10,126	8,920	5,794	1,081	5,813	16	37	2,945	1,123	.....
14	Woodland pastured.....acres..	230	52,977	65,917	567	17,642	44,395	.....	1,642	6,773	30,509
15	Other pasture (not cropland and not woodland).....acres..	119	228,859	393,294	75,748	119,064	145,569	11	10,820	67,767	156,847
16	Land pastured, total.....farms reporting..	2	649	218	209	126	1,269	2	9	63	208
17	.....acres..	349	303,901	464,703	80,008	140,928	204,370	11	12,809	75,785	195,142
18	Irrigated land in farms.....acres 1949..	100	143,268	40,353	41,247	25,285	84,577	293	884	4,836	33,072
19	.....acres 1944..	573	119,816	40,792	35,263	17,255	77,687	1,328	674	1,788	34,234
20	Land irrigated by sprinklers.....farms reporting 1949..	.....	.....	.....	.....	.....	15	.....	.....	.....	.....
21	.....acres 1949..	.....	.....	.....	.....	.....	323	.....	.....	.....	.....
Irrigated land in farms according to use, 1949:											
22	Irrigated cropland harvested.....farms reporting..	3	796	436	382	129	1,540	46	9	62	214
23	.....acres..	100	100,542	30,403	37,940	17,537	54,735	283	534	4,397	23,136
24	Irrigated pasture.....farms reporting..	.....	483	74	87	56	1,031	1	8	8	140
25	.....acres..	.....	39,171	7,999	1,090	7,708	28,289	3	350	417	9,825
26	Irrigated wild grass pasture.....farms reporting..	.....	339	7	45	254	.....	7	4	57	.....
27	.....acres..	.....	26,588	3,904	130	6,874	7,583	.....	270	225	3,481
28	Irrigated tame grass pasture.....farms reporting..	.....	214	54	80	15	849	1	3	6	100
29	.....acres..	.....	12,583	4,095	960	834	20,706	3	80	192	6,344
30	Irrigated cropland not harvested and not pastured.....farms reporting..	.....	109	59	89	2	155	2	.....	1	12
31	.....acres..	.....	3,555	1,951	2,217	40	1,553	7	.....	22	111
Irrigated farms by acres irrigated in 1949:											
32	1-9 acres.....farms reporting..	.....	116	96	27	4	311	45	1	8	14
33	10-19 acres.....farms reporting..	.....	66	70	16	7	281	3	.....	9	14
34	20-29 acres.....farms reporting..	.....	58	55	19	6	220	.....	.....	9	16
35	30-49 acres.....farms reporting..	.....	2	80	48	10	287	.....	1	13	25
36	50-99 acres.....farms reporting..	.....	1	133	64	128	27	324	.....	5	47
37	100-199.....farms reporting..	.....	181	63	106	31	141	1	2	15	70
38	200 acres and over.....farms reporting..	.....	191	45	46	45	52	.....	1	2	36
Irrigated farms by tenure of operator, 1950:											
39	Full owners.....number..	2	527	308	168	67	1,161	44	7	39	141
40	Part owners.....number..	1	206	89	84	29	235	1	2	13	35
41	Managers.....number..	.....	3	2	2	1	15	.....	.....	1	3
42	Tenants.....number..	.....	89	42	136	33	205	4	1	12	43
Land in wholly and in partly irrigated farms:											
43	Wholly irrigated farms.....number 1950..	3	748	410	358	73	1,482	44	3	5	203
44	All land.....acres 1950..	470	394,116	452,597	113,994	82,785	290,733	357	11,520	26,871	223,155
45	Cropland harvested.....acres 1949..	100	97,770	28,523	36,350	11,568	52,093	274	310	1,494	22,483
46	Irrigated land.....acres 1949..	100	136,245	36,025	39,491	18,192	78,537	274	430	1,589	31,841
47	Partly irrigated farms.....number 1950..	.....	77	31	32	57	134	5	7	60	19
48	All land.....acres 1950..	.....	41,076	103,814	15,302	85,588	38,522	49	2,993	66,528	9,798
49	Cropland harvested, total.....farms reporting 1949..	.....	52	27	25	57	62	4	7	60	11
50	.....acres 1949..	.....	5,232	2,440	2,212	10,018	2,973	30	392	8,114	797
51	Irrigated land.....acres 1949..	.....	7,023	4,328	1,756	7,093	6,040	19	454	3,247	1,231
52	Irrigated cropland harvested.....farms reporting 1949..	.....	48	26	24	56	58	2	6	57	11
53	.....acres 1949..	.....	2,772	1,880	1,590	5,969	2,642	9	224	2,903	653
Characteristics of wholly irrigated and nonirrigated farms:											
54	Wholly irrigated farms.....number 1950..	3	748	410	358	73	1,482	44	3	5	203
55	Average acreage per farm:.....acres 1949..	156.6	526.9	1,103.9	318.4	1,134.0	196.2	8.1	3,840.0	5,374.2	1,099.3
56	Cropland harvested.....acres 1949..	33.3	130.7	69.6	101.5	158.5	35.2	6.2	103.3	298.8	110.8
57	Land in bearing and nonbearing fruit orchards, planted nut trees, and vineyards.....acres 1949..	.....	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	.....	5.0	.....	.....	.....	( <sup>1</sup> )
58	Vegetables harvested for sale.....acres 1949..	.....	4.9	5.0	5.4	0.1	0.4	3.2	.....	3.2	0.6
59	Small grains (including sorghums).....acres 1949..	.....	48.0	26.0	19.7	14.8	8.3	2.7	15.0	204.0	15.1
60	All hay.....acres 1949..	33.3	61.9	18.0	33.5	143.2	15.3	0.4	68.3	109.6	90.2
Farms by tenure of operator:											
61	Full owners and managers.....number 1950..	2	481	285	152	41	1,078	39	1	3	132
62	Part owners.....number 1950..	1	183	85	77	19	215	1	2	.....	32
63	Tenants.....number 1950..	.....	84	40	129	13	189	4	.....	2	39
64	Value of land and buildings per farm.....dollars 1950..	.....	27,010	21,106	16,473	49,722	12,040	5,000	26,067	147,583	35,462
65	Nonirrigated farms.....number 1950..	23	47	27	100	92	41	108	236	345	13
66	Average acreage per farm:.....acres 1949..	729.2	82.5	87.8	2,913.8	912.2	150.4	6.2	558.9	763.9	741.6
67	Cropland harvested.....acres 1949..	13.7	5.5	19.7	200.4	43.6	14.5	2.2	257.4	95.0	23.5
68	Land in bearing and nonbearing fruit orchards, planted nut trees, and vineyards.....acres 1949..	.....	.....	( <sup>1</sup> )	.....	.....	3.9	.....	0.2	0.1	.....
69	Vegetables harvested for sale.....acres 1949..	.....	.....	( <sup>1</sup> )	.....	0.1	( <sup>1</sup> )	.....	( <sup>1</sup> )	.....	.....
70	Small grains (including sorghums).....acres 1949..	0.7	1.4	4.6	125.2	29.3	7.8	.....	99.7	50.3	3.0
71	All hay.....acres 1949..	13.7	3.5	2.0	1.5	10.5	2.0	0.6	1.8	30.5	20.1
Farms by tenure of operator:											
72	Full owners and managers.....number 1950..	15	41	23	36	59	37	106	111	228	10
73	Part owners.....number 1950..	3	3	1	40	27	.....	.....	106	51	.....
74	Tenants.....number 1950..	5	3	3	24	6	4	2	19	66	3
75	Value of land and buildings per farm.....dollars 1950..	39,875	23,186	3,283	33,000	10,377	7,429	19,382	22,684	17,275	10,000
Irrigated farms and irrigated land by origin of water, 1949:											
Individually operated supply works and—											
76	No other irrigation enterprise.....farms reporting..	3	26	6	12	109	60	17	10	59	84
77	.....acres irrigated..	100	3,115	3,666	806	22,742	3,984	69	884	3,385	11,636
78	1 other irrigation enterprise.....farms reporting..	.....	61	4	1	4	71	.....	.....	3	17
79	.....acres irrigated..	.....	16,237	734	1,089	1,710	7,500	.....	.....	1,398	2,358
80	2 or more other irrigation enterprises.....farms reporting..	.....	37	1	.....	.....	34	.....	.....	.....	10
81	.....acres irrigated..	.....	32,664	800	.....	.....	5,353	.....	.....	.....	2,615
No individually operated supply works but—											
82	1 other irrigation enterprise.....farms reporting..	.....	501	364	371	13	1,165	32	.....	3	61
83	.....acres irrigated..	.....	38,230	27,910	37,819	605	47,292	224	.....	53	4,727
84	2 or more other irrigation enterprises.....farms reporting..	.....	200	66	6	4	286	.....	.....	.....	50
85	.....acres irrigated..	.....	53,022	7,243	1,533	228	20,448	.....	.....	.....	11,736

See footnote at end of County Table 1.

IRRIGATION OF AGRICULTURAL LANDS

County Table 1.—IRRIGATED FARMS: NUMBER, ACREAGE, AND OTHER CHARACTERISTICS: CENSUSES OF 1950 AND 1945—Continued

[1950 data for items shown in italics are based on reports for only a sample of farms. See text.]

Item (For definitions and explanations, see text)	Elbert	El Paso	Fremont	Garfield	Gilpin	Grand	Gunnison	Hinsdale	Huerfano	Jackson	Jefferson
1 Irrigated farms.....number 1950..	17	150	731	737	2	172	195	24	285	122	1,001
2 Proportion of all farms.....percent 1945..	2.1	12.6	86.4	93.6	8.3	92.0	94.2	88.9	62.1	87.8	65.5
3 Land in irrigated farms.....acres 1950..	73,357	219,495	374,368	420,585	774	329,093	271,287	35,038	459,316	404,517	139,782
4 average per farm, acres 1950..	4,315.1	1,463.3	512.1	570.7	387.0	1,913.3	1,391.2	1,459.9	1,611.6	3,315.7	139.6
5 Value of land and buildings.....average per farm, dollars 1950..	67,878	44,534	14,541	20,896	.....	41,529	56,454	19,742	22,539	55,733	27,292
6 average per acre, dollars 1950..	24.60	29.24	32.12	38.66	.....	25.55	44.10	20.16	14.52	20.87	158.21
7 Proportion of irrigated farms reporting value.....percent 1950..	153	64	96	87	.....	74	107	108	95	83	87
8 Proportion of land in irrigated farms for which value was reported.....percent 1950..	98	67	85	82	.....	63	99	73	92	67	107
Land in irrigated farms according to use, 1949:											
9 Cropland harvested.....farms reporting..	17	148	713	707	2	172	187	24	282	120	906
10 acres.....	4,019	15,501	19,244	50,387	120	40,031	43,755	3,220	22,413	94,727	33,271
11 Cropland used only for pasture.....acres..	60	43,604	3,815	13,719	.....	18,124	16,512	1,695	8,707	11,730	5,648
12 Cropland not harvested and not pastured.....acres..	1,707	1,550	2,932	4,082	.....	3,660	2,771	19	3,308	456	8,418
13 Woodland pastured.....acres.....	80	17,714	77,683	127,951	144	52,589	30,851	7,320	64,855	21,043	25,925
14 Other pasture (not cropland and not woodland).....acres..	66,851	135,897	257,541	192,924	.....	132,194	162,980	20,912	325,582	267,063	5,053
15 Land pastured, total.....farms reporting..	17	122	358	660	.....	164	189	23	267	121	581
16 acres.....	66,991	197,215	339,039	334,594	144	262,907	210,343	29,927	404,144	299,836	82,108
17 Irrigated land in farms.....acres 1949..	1,211	14,380	18,536	64,400	150	41,833	60,202	3,992	19,578	142,619	26,767
18 Land irrigated by sprinklers.....farms reporting 1949..	521	9,685	20,195	58,430	459	39,438	56,174	4,685	24,816	133,535	37,156
19 acres 1949..	.....	209	.....	83	.....	250	.....	.....	.....	690	119
Irrigated land in farms according to use, 1949:											
20 Irrigated cropland harvested.....farms reporting..	17	145	704	700	1	170	185	21	280	120	889
21 acres.....	760	11,024	15,454	48,005	40	37,459	42,237	2,730	16,057	94,371	21,614
22 Irrigated pasture.....farms reporting..	1	52	141	503	2	42	111	13	53	78	349
23 acres.....	50	2,956	2,629	16,218	110	4,279	17,672	1,262	3,122	48,188	4,384
24 Irrigated wild grass pasture.....farms reporting..	.....	25	44	187	2	35	84	8	32	78	133
25 acres.....	.....	1,568	1,084	5,603	110	3,229	11,485	677	1,778	48,168	1,595
26 Irrigated tame grass pasture.....farms reporting..	1	34	103	362	.....	15	38	5	27	1	233
27 acres.....	50	1,388	1,545	10,615	.....	1,050	6,187	585	1,344	20	2,789
28 Irrigated cropland not harvested and not pastured.....farms reporting..	2	20	94	49	.....	5	4	.....	14	1	102
29 acres.....	401	400	453	177	.....	95	293	.....	399	60	769
Irrigated farms by acres irrigated in 1949:											
30 1-9 acres.....farms reporting..	2	20	418	97	.....	5	8	.....	32	3	568
31 10-19 acres.....farms reporting..	3	26	112	86	.....	3	5	1	43	1	160
32 20-29 acres.....farms reporting..	5	17	55	58	.....	5	5	1	38	1	70
33 30-49 acres.....farms reporting..	.....	20	65	95	.....	11	13	2	59	5	61
34 50-99 acres.....farms reporting..	5	24	54	182	2	39	22	5	61	4	81
35 100-199 acres.....farms reporting..	.....	27	13	141	.....	35	29	5	26	7	43
36 200 acres and over.....farms reporting..	2	16	14	78	.....	74	113	10	26	101	18
Irrigated farms by tenure of operator, 1950:											
37 Full owners.....number..	8	92	510	532	2	89	139	12	153	49	737
38 Part owners.....number..	7	32	142	86	.....	52	40	9	92	50	149
39 Managers.....number..	.....	8	9	9	.....	5	5	2	3	7	18
40 Tenants.....number..	2	18	70	110	.....	26	11	1	37	16	97
Land in wholly and in partly irrigated farms:											
41 Wholly irrigated farms.....number 1950..	1	89	649	606	1	126	172	19	166	115	705
42 All land.....acres 1950..	6,400	78,920	233,307	312,256	194	222,371	254,413	31,030	183,584	392,466	53,735
43 Cropland harvested.....acres 1949..	50	8,087	13,066	40,363	40	27,658	40,240	2,430	10,443	92,771	12,580
44 Irrigated land.....acres 1949..	50	10,559	15,870	54,000	80	31,244	57,278	3,297	11,949	140,369	15,473
45 Partly irrigated farms.....number 1950..	16	61	82	131	1	46	23	5	119	7	296
46 All land.....acres 1950..	66,957	140,575	141,061	108,329	580	106,722	16,874	4,008	275,732	12,051	86,047
47 Cropland harvested, total.....farms reporting 1949..	16	59	64	101	1	46	15	5	116	5	201
48 acres 1949..	3,969	7,414	6,178	10,424	80	12,373	3,515	790	11,970	1,956	20,691
49 Irrigated land.....acres 1949..	1,161	3,821	2,666	10,400	70	10,589	2,924	695	7,629	2,250	11,294
50 Irrigated cropland harvested.....farms reporting 1949..	16	56	55	94	.....	44	13	2	114	5	184
51 acres 1949..	710	2,937	2,388	7,642	.....	9,801	1,997	300	5,614	1,600	9,034
Characteristics of wholly irrigated and nonirrigated farms:											
52 Wholly irrigated farms.....number 1950..	1	89	649	606	1	126	172	19	166	115	705
53 Average acreage per farm: All land.....acres 1949..	6,400.0	886.7	359.5	515.3	194.0	1,764.8	1,479.1	1,633.2	1,105.9	3,412.7	76.2
54 Cropland harvested.....acres 1949..	50.0	90.9	20.1	66.6	40.0	219.5	234.0	127.9	62.9	806.7	17.8
55 Land in bearing and nonbearing fruit orchards, planted nut trees, and vineyards.....acres 1949..	.....	0.4	2.5	1.0	.....	(1)	(1)	.....	0.1	.....	0.5
56 Vegetables harvested for sale.....acres 1949..	.....	3.7	0.8	(1)	.....	2.5	.....	.....	(1)	.....	2.3
57 Small grains (including sorghums).....acres 1949..	.....	13.8	2.9	15.4	.....	9.9	2.9	.....	14.3	.....	5.7
58 All hay.....acres 1949..	50.0	58.3	11.0	46.7	40.0	207.3	226.9	127.9	45.8	806.6	7.1
Farms by tenure of operator:											
59 Full owners and managers.....number 1950..	1	64	468	447	1	69	126	12	91	52	555
60 Part owners.....number 1950..	.....	9	118	66	.....	39	36	6	50	47	83
61 Tenants.....number 1950..	.....	16	63	93	.....	18	10	1	25	16	67
62 Value of land and buildings per farm.....dollars 1950..	64,000	38,365	12,958	19,890	.....	40,143	60,618	17,300	15,443	55,733	22,049
Nonirrigated farms.....number 1950..											
63 Average acreage per farm: All land.....acres 1949..	1,278.9	983.3	813.9	776.9	507.5	386.7	233.7	33.3	1,745.6	477.9	294.4
64 Cropland harvested.....acres 1949..	189.2	125.3	10.9	31.0	35.3	73.7	4.5	.....	49.3	43.1	20.4
65 Land in bearing and nonbearing fruit orchards, planted nut trees, and vineyards.....acres 1949..	(1)	(1)	(1)	0.1	.....	(1)	(1)	.....	(1)	.....	0.1
66 Vegetables harvested for sale.....acres 1949..	(1)	(1)	(1)	(1)	.....	5.0	.....	.....	.....	.....	0.2
67 Small grains (including sorghums).....acres 1949..	114.8	40.9	3.1	15.5	1.3	27.0	.....	.....	33.2	23.1	11.1
68 All hay.....acres 1949..	25.1	15.9	4.6	14.7	35.9	61.9	4.5	.....	11.5	19.9	8.5
Farms by tenure of operator:											
69 Full owners and managers.....number 1950..	426	600	83	39	13	5	11	3	83	15	415
70 Part owners.....number 1950..	243	294	17	6	7	4	1	.....	68	.....	53
71 Tenants.....number 1950..	125	143	15	5	2	6	.....	.....	23	2	59
72 Value of land and buildings per farm.....dollars 1950..	27,480	18,860	11,034	33,239	8,583	25,000	18,000	.....	15,100	54,175	18,618
Irrigated farms and irrigated land by origin of water, 1949:											
73 Individually operated supply works and—	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
74 No other irrigation enterprise.....farms reporting..	17	59	95	115	2	104	72	16	69	48	43
75 acres irrigated..	1,211	5,441	6,732	9,700	150	27,352	16,005	2,002	5,582	46,785	2,155
76 1 other irrigation enterprise.....farms reporting..	17	18	31	31	.....	22	39	1	23	15	35
77 acres irrigated..	3,721	1,621	6,605	6,005	.....	7,137	13,852	150	2,341	19,427	875
78 2 or more other irrigation enterprises.....farms reporting..	3	5	19	19	.....	11	23	1	7	32	7
79 acres irrigated..	171	860	4,829	.....	.....	2,833	12,536	430	1,511	62,916	1,217
No individually operated supply works but—											
80 1 other irrigation enterprise.....farms reporting..	.....	64	561	461	.....	26	31	1	57	17	798
81 acres irrigated..	.....	4,195	7,307	29,716	.....	3,362	5,159	300	6,678	5,071	15,621
82 2 or more other irrigation enterprises.....farms reporting..	.....	7	52	111	.....	9	30	5	36	10	118
83 acres irrigated..	.....	852	2,016	13,550	.....	1,149	12,650	1,110	3,466	8,420	6,899

See footnote at end of County Table 1.

County Table 1.—IRRIGATED FARMS: NUMBER, ACREAGE, AND OTHER CHARACTERISTICS: CENSUSES OF 1950 AND 1945—Continued

[1950 data for items shown in italics are based on reports for only a sample of farms. See text]

Item (For definitions and explanations, see text)		Kiowa	Kit Carson	Lake	La Plata	Larimer	Las Animas	Lincoln	Logan	Mesa	Mineral	Moffat
1	Irrigated farms.....number 1950..	1	8	16	725	1,392	373	15	608	2,448	3	136
2	.....number 1945..	5	16	16	726	1,411	409	11	597	2,468	11	160
3	Proportion of all farms.....percent 1950..	0.2	0.7	84.2	80.4	80.0	40.3	2.1	41.0	97.0	33.3	40.0
4	Land in irrigated farms.....acres 1950..	5,660.0	22,409	14,796	862,825	612,856	867,047	123,073	338,649	486,954	11,400	960,635
5	.....average per farm, acres 1950..	2,801.1	924.8	1,190.1	440.3	2,384.5	8,204.9	557.0	198.9	3,800.0	75.026	7,063.5
6	Value of land and buildings.....average per farm, dollars 1950..	144,700	153,839	3,300	15,720	27,834	31,050	126,666	27,534	13,228	75.15	10,222
7	.....average per acre, dollars 1950..	25.75	25.73	9.21	37.88	63.26	13.23	13.31	35.43	75.15	.....	10.22
8	Proportion of irrigated farms reporting value.....percent 1950..	100	88	62	81	91	85	80	86	93	.....	78
9	Proportion of land in irrigated farms for which value was reported.....percent 1950..	99	162	26	28	91	86	93	79	82	.....	81
Land in irrigated farms according to use, 1949:												
10	Cropland harvested.....farms reporting..	1	8	15	687	1,299	366	14	600	2,337	3	134
11	.....acres..	200	6,316	2,735	52,691	130,536	31,288	5,962	91,673	76,796	610	29,845
12	Cropland used only for pasture.....acres..	.....	80	925	20,540	11,727	9,900	430	2,928	22,979	.....	11,729
13	Cropland not harvested and not pastured.....acres..	280	4,255	.....	9,689	28,448	9,199	7,019	20,612	9,210	.....	4,651
14	Woodland pastured.....acres..	.....	25	515	381,237	66,216	108,237	.....	2,768	62,637	.....	76,219
15	Other pasture (not cropland and not woodland).....acres..	5,160	11,629	9,011	363,132	334,548	583,623	106,578	211,466	267,336	6,090	827,873
16	Land pastured, total.....farms reporting..	1	7	15	688	1,011	324	15	490	1,274	2	135
17	.....acres..	5,160	11,734	10,451	764,909	412,491	701,760	106,978	217,162	352,952	6,090	915,821
18	Irrigated land in farms.....acres 1949..	20	1,530	5,374	64,212	113,423	26,620	1,293	74,817	116,197	560	18,240
19	.....acres 1944..	124	4,614	61,538	117,889	31,546	.....	698	67,248	109,262	1,916	18,243
20	Land irrigated by sprinklers.....farms reporting 1949..	.....	.....	.....	1	14	.....	3	2	42	.....	.....
21	.....acres 1949..	.....	.....	.....	10	210	.....	270	66	1,257	.....	36
Irrigated land in farms according to use, 1949:												
22	Irrigated cropland harvested.....farms reporting..	1	8	15	672	1,268	361	12	597	2,331	3	127
23	.....acres..	20	1,290	2,735	39,800	99,932	23,448	898	71,406	76,251	560	14,762
24	Irrigated pasture.....farms reporting..	.....	1	6	465	563	53	3	82	1,151	.....	43
25	.....acres..	.....	70	2,639	23,495	11,623	2,773	305	1,591	37,710	.....	3,467
26	Irrigated wild grass pasture.....farms reporting..	.....	.....	6	213	162	27	1	33	206	.....	31
27	.....acres..	.....	2,579	11,505	5,705	2,311	40	979	11,378	.....	.....	2,238
28	Irrigated tame grass pasture.....farms reporting..	1	1	316	427	27	2	2	52	1,006	.....	16
29	.....acres..	70	60	11,990	5,918	462	265	612	26,332	.....	.....	1,229
30	Irrigated cropland not harvested and not pastured.....farms reporting..	.....	1	47	121	29	3	82	309	.....	.....	2
31	.....acres..	.....	170	.....	917	1,868	399	90	1,820	2,236	.....	11
Irrigated farms by acres irrigated in 1949:												
32	1-9 acres.....farms reporting..	.....	.....	1	67	289	81	1	24	736	.....	3
33	10-19 acres.....farms reporting..	.....	1	2	75	113	47	1	25	517	.....	6
34	20-29 acres.....farms reporting..	1	.....	1	45	78	35	.....	19	215	.....	8
35	30-49 acres.....farms reporting..	.....	.....	1	118	136	58	4	24	308	.....	22
36	50-99 acres.....farms reporting..	.....	1	2	210	323	66	5	183	410	.....	44
37	100-199 acres.....farms reporting..	.....	1	.....	152	351	56	3	236	176	2	24
38	200 acres and over.....farms reporting..	.....	3	9	58	102	30	1	97	86	1	29
Irrigated farms by tenure of operator, 1950:												
39	Full owners.....number..	.....	1	10	455	717	193	4	172	1,900	3	56
40	Part owners.....number..	.....	1	4	5	171	241	118	9	328	.....	73
41	Managers.....number..	.....	.....	1	6	10	6	2	2	6	.....	1
42	Tenants.....number..	.....	3	.....	93	424	56	.....	335	214	.....	6
Land in wholly and in partly irrigated farms:												
43	Wholly irrigated farms.....number 1950..	.....	2	15	415	840	248	1	363	2,288	2	56
44	All land.....acres 1950..	.....	1,560	14,346	153,536	272,388	598,645	1,980	105,984	458,403	9,000	372,714
45	Cropland harvested.....acres 1949..	.....	440	2,735	22,231	70,788	17,052	155	42,457	74,392	460	6,659
46	Irrigated land.....acres 1949..	.....	440	5,362	35,684	80,572	19,684	195	44,711	111,799	460	8,537
47	Partly irrigated farms.....number 1950..	.....	1	6	1	310	552	14	245	160	1	80
48	All land.....acres 1950..	.....	5,660	20,849	450	709,289	340,468	268,402	121,093	232,665	28,551	2,400
49	Cropland harvested, total.....farms reporting 1949..	.....	1	6	.....	272	459	118	13	237	.....	1
50	.....acres 1949..	.....	200	5,876	.....	30,460	59,748	14,236	5,807	49,216	2,404	150
51	Irrigated land.....acres 1949..	.....	20	1,090	.....	28,528	32,851	6,936	1,098	30,106	4,936	100
52	Irrigated cropland harvested.....farms reporting 1949..	.....	1	6	.....	257	428	113	11	234	.....	1
53	.....acres 1949..	.....	20	850	.....	17,569	29,144	6,396	743	28,949	1,859	100
Characteristics of wholly irrigated and nonirrigated farms:												
54	Wholly irrigated farms.....number 1950..	.....	2	15	415	840	248	1	363	2,288	2	56
55	Average acreage per farm.....acres 1949..	.....	780.0	956.4	370.0	324.3	2,413.9	1,980.0	292.0	200.4	4,500.0	6,655.6
56	Cropland harvested.....acres 1949..	.....	220.0	182.3	53.6	84.3	68.8	155.0	117.0	32.5	230.0	119.0
57	Land in bearing and nonbearing fruit orchards, planted nut trees, and vineyards.....acres 1949..	.....	.....	.....	0.5	1.1	0.1	.....	( <sup>1</sup> )	3.9	.....	( <sup>1</sup> )
58	Vegetables harvested for sale.....acres 1949..	.....	.....	.....	( <sup>1</sup> )	1.1	( <sup>1</sup> )	.....	0.3	0.6	.....	.....
59	Small grains (including sorghums).....acres 1949..	.....	35.0	.....	24.2	30.2	16.8	65.0	39.5	5.5	.....	12.5
60	All hay.....acres 1949..	.....	.....	182.3	25.8	33.5	44.8	55.0	34.8	15.1	230.0	106.1
Farms by tenure of operator:												
61	Full owners and managers.....number 1950..	.....	.....	10	280	430	142	1	100	1,772	2	28
62	Part owners.....number 1950..	.....	.....	5	74	114	63	.....	46	314	.....	27
63	Tenants.....number 1950..	.....	2	.....	61	296	43	.....	217	202	.....	1
64	Value of land and buildings per farm.....dollars 1950..	.....	.....	3,500	14,875	27,667	30,392	.....	23,438	13,531	.....	63,166
65	Nonirrigated farms.....number 1950..	.....	492	1,059	3	177	349	553	708	874	6	204
66	Average acreage per farm.....acres 1949..	.....	1,644.7	1,162.3	87.3	398.0	388.9	3,171.8	2,012.4	869.7	767.8	1,125.0
67	Cropland harvested.....acres 1949..	.....	453.8	329.7	.....	59.7	43.9	92.5	301.1	262.3	28.0	170.8
68	Land in bearing and nonbearing fruit orchards, planted nut trees, and vineyards.....acres 1949..	.....	( <sup>1</sup> )	( <sup>1</sup> )	.....	( <sup>1</sup> )	0.6	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	1.3	( <sup>1</sup> )
69	Vegetables harvested for sale.....acres 1949..	.....	( <sup>1</sup> )	( <sup>1</sup> )	.....	( <sup>1</sup> )	( <sup>1</sup> )	.....	( <sup>1</sup> )	( <sup>1</sup> )	.....	( <sup>1</sup> )
70	Small grains (including sorghums).....acres 1949..	.....	410.3	260.7	.....	27.2	35.4	51.3	223.7	212.5	7.5	118.2
71	All hay.....acres 1949..	.....	1.9	5.9	.....	7.7	8.0	9.1	12.7	12.0	5.0	170.8
Farms by tenure of operator:												
72	Full owners and managers.....number 1950..	.....	188	357	3	121	242	284	243	281	52	100
73	Part owners.....number 1950..	.....	196	453	.....	32	50	194	321	350	11	1
74	Tenants.....number 1950..	.....	108	249	.....	24	57	75	144	243	14	82
75	Value of land and buildings per farm.....dollars 1950..	.....	44,746	35,917	.....	11,159	16,164	27,239	38,263	31,937	12,962	18,439
Irrigated farms and irrigated land by origin of water, 1949:												
76	Individually operated supply works and—	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
77	No other irrigation enterprise.....farms reporting..	1	8	10	48	153	96	15	38	99	3	64
78	.....acres irrigated..	20	1,530	2,509	2,073	15,574	9,439	1,293	2,086	11,286	560	9,406
79	1 other irrigation enterprise.....farms reporting..	.....	.....	3	23	119	11	.....	72	36	.....	11
80	.....acres irrigated..	.....	.....	2,430	3,477	13,301	818	.....	9,336	6,391	.....	2,702
81	2 or more other irrigation enterprises.....farms reporting..	.....	.....	.....	7	19	2	.....	18	22	.....	2
82	.....acres irrigated..	.....	.....	.....	1,751	3,556	400	.....	3,558	8,274	.....	160
No individually operated supply works but—												
83	1 other irrigation enterprise.....farms reporting..	.....	.....	1	529	928	247	.....	435	2,092	.....	49
84	.....acres irrigated..	.....	.....	80	43,548	57,934	13,751	.....	52,171	67,637	.....	4,256
85	2 or more other irrigation enterprises.....farms reporting..	.....	.....	2	118	173	17	.....	45	199	.....	10
86	.....acres irrigated..	.....	.....	355	13,363	23,058	2,212	.....	7,666	22,609	.....	1,716

See footnote at end of County Table 1.

IRRIGATION OF AGRICULTURAL LANDS

County Table 1.—IRRIGATED FARMS: NUMBER, ACREAGE, AND OTHER CHARACTERISTICS: CENSUSES OF 1950 AND 1945—Continued

[1950 data for items shown in italics are based on reports for only a sample of farms. See text]

Table with 12 columns: Item, Montezuma, Mon-trose, Morgan, Otero, Ouray, Park, Phil-lips, Pitkin, Prowers, Pueblo, Rio Blanco. Rows include irrigated farms, land in irrigated farms, value of land and buildings, irrigated land in farms, and characteristics of wholly irrigated and nonirrigated farms.

See footnote at end of County Table 1.

County Table 1.—IRRIGATED FARMS: NUMBER, ACREAGE, AND OTHER CHARACTERISTICS: CENSUSES OF 1950 AND 1945—Continued

[1950 data for items shown in italics are based on reports for only a sample of farms. See text]

Item (For definitions and explanations, see text)		Rio Grande	Routt	Sa-guache	San Miguel	Sedg-wick	Summit	Teller	Wash-ington	Weld	Yuma
1	Irrigated farms.....number 1950..	562	328	305	70	160	41	12	82	3,361	33
2	.....number 1945..	652	353	324	168	155	46	12	67	3,167	27
3	Proportion of all farms.....percent 1950..	94.8	61.7	91.0	56.0	33.8	97.6	10.3	6.5	76.1	2.3
4	Land in irrigated farms.....acres 1950..	232,051	373,458	496,505	98,567	95,180	37,595	35,309	121,746	879,062	62,828
5	.....average per farm, acres 1950..	412.9	1,138.6	1,627.9	1,408.1	594.9	917.0	2,942.4	1,484.7	261.5	1,903.9
6	Value of land and buildings.....average per farm, dollars 1950..	43,293	35,715	30,768	26,745	26,799	44,788	26,231	31,922	28,620	27,453
7	.....average per acre, dollars 1950..	107.67	30.11	45.73	22.23	45.61	40.86	9.59	35.23	112.39	29.51
8	Proportion of irrigated farms reporting value.....percent 1950..	87	88	75	84	74	39	67	99	85	97
9	Proportion of land in irrigated farms for which value was reported.....percent 1950..	85	91	31	72	73	47	62	60	80	47
Land in irrigated farms according to use, 1949:											
10	Cropland harvested.....farms reporting..	546	321	288	69	138	40	12	80	3,327	33
11	.....acres..	88,942	58,776	93,740	6,131	28,162	7,238	1,992	20,616	416,714	6,733
12	Cropland used only for pasture.....acres..	44,818	8,591	33,788	5,304	2,092	1,819	26	10,328	22,127	75
13	Cropland not harvested and not pastured.....acres..	7,100	7,547	5,522	428	5,625	100	1,390	9,927	82,042	2,814
14	Woodland pastured.....acres..	12,584	83,714	12,201	16,492	980	8,420	13,330	1,378	6,654	.....
15	Other pasture (not cropland and not woodland).....acres..	56,795	198,599	322,733	52,739	55,668	16,576	14,976	77,928	297,129	52,716
16	Land pastured, total.....farms reporting..	286	321	276	70	98	39	12	63	1,753	32
17	.....acres..	114,197	290,904	368,722	74,235	58,740	26,815	28,332	89,634	325,910	52,791
18	Irrigated land in farms.....acres 1949..	140,529	41,741	164,541	10,344	19,753	8,813	825	8,505	367,067	1,586
19	.....acres 1944..	147,967	45,656	129,024	18,351	19,325	9,022	1,006	7,497	335,618	1,175
20	Land irrigated by sprinklers.....farms reporting 1949..	1	4	1	.....	1	4	.....	13	9	5
21	.....acres 1949..	223	85	50	.....	1	1,426	.....	578	554	.....
Irrigated land in farms according to use, 1949:											
22	Irrigated cropland harvested.....farms reporting..	544	310	285	68	158	40	11	76	3,321	30
23	.....acres..	87,137	34,157	92,249	5,581	18,478	7,028	735	7,946	352,527	1,501
24	Irrigated pasture.....farms reporting..	428	133	212	55	24	11	1	19	578	4
25	.....acres..	50,274	7,189	70,337	4,897	940	1,785	90	340	8,208	37
26	Irrigated wild grass pasture.....farms reporting..	190	65	150	24	12	9	1	5	137	1
27	.....acres..	22,255	4,093	59,955	2,311	776	940	90	122	2,732	20
28	Irrigated tame grass pasture.....farms reporting..	323	74	119	37	13	7	.....	14	461	2
29	.....acres..	28,019	3,096	10,342	2,586	164	845	.....	218	5,476	27
30	Irrigated cropland not harvested and not pastured.....farms reporting..	82	7	37	2	13	.....	.....	13	265	4
31	.....acres..	3,118	395	1,955	66	335	.....	.....	219	6,332	38
Irrigated farms by acres irrigated in 1949:											
32	1-9 acres.....farms reporting..	31	15	10	1	2	.....	1	2	152	4
33	10-19 acres.....farms reporting..	15	18	3	6	1	2	4	4	106	9
34	20-29 acres.....farms reporting..	8	20	2	4	5	1	.....	4	111	5
35	30-49 acres.....farms reporting..	17	45	9	5	9	4	3	9	255	2
36	50-99 acres.....farms reporting..	70	82	31	14	57	10	3	27	1,078	7
37	100-199 acres.....farms reporting..	182	83	89	25	56	9	3	28	1,344	6
38	200 acres and over.....farms reporting..	239	65	161	15	25	16	.....	8	315	.....
Irrigated farms by tenure of operator, 1950:											
39	Full owners.....number..	290	177	157	45	45	31	7	37	1,129	11
40	Part owners.....number..	123	94	88	17	35	6	4	21	460	13
41	Managers.....number..	5	7	9	.....	1	.....	.....	.....	14	.....
42	Tenants.....number..	144	50	51	8	79	4	1	24	1,758	9
Land in wholly and in partly irrigated farms:											
43	Wholly irrigated farms.....number 1950..	503	104	266	55	99	37	1	47	2,518	6
44	All land.....acres 1950..	199,884	134,287	462,906	83,575	24,310	28,986	5,000	12,653	485,783	20,564
45	Cropland harvested.....acres 1949..	81,829	13,824	90,035	4,816	12,163	6,228	30	5,755	272,636	367
46	Irrigated land.....acres 1949..	130,836	17,375	159,870	9,123	13,035	7,618	30	6,062	284,102	382
47	Partly irrigated farms.....number 1950..	59	224	39	15	61	4	11	35	843	27
48	All land.....acres 1950..	32,167	239,171	33,599	14,992	70,870	8,609	30,309	109,093	393,279	42,264
49	Cropland harvested, total.....farms reporting 1949..	4,635	217	22	14	59	3	11	33	809	27
50	.....acres 1949..	7,113	44,952	3,705	1,315	15,999	1,010	1,962	14,861	144,078	6,366
51	Irrigated land.....acres 1949..	9,693	24,366	4,071	1,421	6,718	1,195	795	2,443	82,965	1,204
52	Irrigated cropland harvested.....farms reporting 1949..	41	206	19	13	59	3	10	29	803	24
53	.....acres 1949..	5,308	20,333	2,214	765	6,315	800	705	2,191	79,891	1,134
Characteristics of wholly irrigated and nonirrigated farms:											
54	Wholly irrigated farms.....number 1950..	503	104	266	55	99	37	1	47	2,518	6
55	Average acreage per farm.....acres 1949..	397.4	1,291.2	1,740.2	1,519.5	245.6	783.4	5,000.0	269.2	192.9	3,427.3
56	Cropland harvested.....acres 1949..	162.7	132.9	338.5	87.6	122.9	168.3	30.0	122.4	108.3	61.2
57	Land in bearing and nonbearing fruit orchards, planted nut trees, and vineyards.....acres 1949..	.....	.....	.....	0.1	( <sup>1</sup> )	.....	.....	( <sup>1</sup> )	( <sup>1</sup> )	.....
58	Vegetables harvested for sale.....acres 1949..	3.3	.....	0.8	.....	2.3	.....	.....	0.3	( <sup>1</sup> )	0.8
59	Small grains (including sorghums).....acres 1949..	51.4	3.0	55.3	28.8	33.1	5.4	.....	37.6	28.5	3.8
60	All hay.....acres 1949..	69.3	127.7	259.8	53.2	25.6	164.1	38.0	27.9	26.4	39.2
Farms by tenure of operator:											
61	Full owners and managers.....number 1950..	260	62	146	35	21	27	1	19	839	3
62	Part owners.....number 1950..	113	27	73	12	17	6	.....	4	284	2
63	Tenants.....number 1950..	130	15	47	8	61	4	.....	24	1,395	1
64	Value of land and buildings per farm.....dollars 1950..	40,858	35,397	30,357	26,744	18,637	38,440	51,050	21,590	27,026	31,833
65	Nonirrigated farms.....number 1950..	31	204	30	55	314	1	105	1,181	1,057	1,403
66	Average acreage per farm.....acres 1949..	281.6	588.9	419.5	1,015.2	694.3	558.0	929.5	1,084.3	1,231.2	988.1
67	Cropland harvested.....acres 1949..	27.8	126.4	15.1	161.6	270.7	.....	37.6	319.4	248.9	250.8
68	Land in bearing and nonbearing fruit orchards, planted nut trees, and vineyards.....acres 1949..	.....	.....	.....	( <sup>1</sup> )	( <sup>1</sup> )	.....	.....	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
69	Vegetables harvested for sale.....acres 1949..	0.3	0.3	.....	.....	.....	.....	0.3	( <sup>1</sup> )	0.2	( <sup>1</sup> )
70	Small grains (including sorghums).....acres 1949..	2.5	107.0	5.7	77.1	228.1	.....	4.7	226.7	203.0	128.5
71	All hay.....acres 1949..	25.9	19.1	6.6	6.0	8.6	.....	33.9	14.5	21.0	10.6
Farms by tenure of operator:											
72	Full owners and managers.....number 1950..	22	127	20	27	97	1	65	403	430	491
73	Part owners.....number 1950..	2	45	4	21	127	.....	20	493	431	531
74	Tenants.....number 1950..	7	32	6	7	90	.....	20	285	196	381
75	Value of land and buildings per farm.....dollars 1950..	16,489	12,903	99,146	25,288	46,562	50,000	24,732	27,103	25,206	28,337
Irrigated farms and irrigated land by origin of water, 1949:											
Individually operated supply works and—											
76	No other irrigation enterprise.....farms reporting..	57	117	119	10	13	40	8	35	343	15
77	.....acres irrigated..	9,478	15,314	90,808	814	1,321	8,733	305	2,661	28,325	683
78	1 other irrigation enterprise.....farms reporting..	244	32	88	3	21	.....	1	18	856	3
79	.....acres irrigated..	70,735	5,684	35,310	1,410	2,966	.....	90	2,691	105,532	235
80	2 or more other irrigation enterprises.....farms reporting..	42	8	14	.....	3	.....	3	.....	85	1
81	.....acres irrigated..	20,793	3,345	8,765	.....	1,069	.....	430	.....	12,811	15
No individually operated supply works but—											
82	1 other irrigation enterprise.....farms reporting..	151	155	81	47	120	1	.....	27	1,798	14
83	.....acres irrigated..	20,144	13,684	28,443	5,465	14,063	80	.....	2,768	180,290	653
84	2 or more other irrigation enterprises.....farms reporting..	68	16	3	10	3	.....	.....	2	279	.....
85	.....acres irrigated..	19,379	3,514	1,215	2,855	334	.....	.....	385	40,109	.....

<sup>1</sup>Less than 0.05.

IRRIGATION OF AGRICULTURAL LANDS

County Table 2 (Part 1 of 4).---IRRIGATION ENTERPRISES: NUMBER AND

[Intercounty enterprises are counted in each county in which they had irrigation works, but only once in State total. For intercounty and interstate enterprises,

Item (For definitions and explanations, see text)		The State	Adams	Alamosa	Arapahoe	Archuleta	Baca	Bent
ALL ENTERPRISES								
Farms and land irrigated:								
1	All irrigation enterprises.....enterprises 1950..	9,158	437	172	53	89	4	73
2	..... 1940..	8,713	313	137	46	177	18	44
3	Intercounty enterprises.....enterprises 1950..	126	11	10	8	3	1	2
4	Irrigated farms <sup>1</sup> .....farms 1950..	27,121	939	401	279	154	22	454
5	Average per enterprise.....farms 1950..	3.0	2.1	2.3	5.3	1.7	5.5	6.2
6	Farms irrigated direct per enterprise <sup>2</sup> .....farms 1950..	4.0	3.0	3.6	6.5	2.1	3.5	6.8
7	Irrigated land <sup>1</sup> .....acres 1949..	2,943,895	59,924	106,583	9,675	17,224	1,104	60,161
8	.....acres 1939..	3,220,685	68,233	113,941	22,745	15,425	3,021	60,608
9	Average per irrigated farm.....acres 1949..	108.5	63.8	265.8	34.7	111.8	50.2	132.5
10	Average per enterprise.....acres 1949..	321	137	620	183	194	276	824
11	Average acreage irrigated direct per enterprise <sup>2</sup> .....acres 1949..	364	168	772	194	204	276	858
Types of enterprise, 1950:								
12	Single-farm.....enterprises..	6,856	403	131	40	63	3	60
13	.....acres irrigated..	931,763	23,234	33,103	2,152	7,530	65	5,935
Mutual:								
14	Incorporated.....enterprises..	1,579	1	18	4	21	1	7
15	.....acres irrigated..	559,708	( <sup>3</sup> )	12,462	344	5,827	( <sup>3</sup> )	7,497
16	Incorporated.....enterprises..	686	29	22	6	5		6
17	.....acres irrigated..	1,652,636	46,828	74,468	3,390	4,792		49,234
18	Commercial.....enterprises..	6	1		1			
19	.....acres irrigated..	14,873	( <sup>3</sup> )		( <sup>3</sup> )			
20	District.....enterprises..	20	1	1				
21	.....acres irrigated..	155,216	( <sup>3</sup> )	( <sup>3</sup> )				
22	U. S. Bureau of Reclamation <sup>4</sup> .....enterprises..	4						
23	.....acres irrigated..							
24	U. S. Bureau of Indian Affairs <sup>4</sup> .....enterprises..	1						
25	.....acres irrigated..	8,193						
26	State.....enterprises..	1						
27	.....acres irrigated..	( <sup>3</sup> )						
28	City.....enterprises..	5	2					
29	.....acres irrigated..	8,992	( <sup>3</sup> )		( <sup>3</sup> )			
Use of surface, ground, pumped and stored water, 1949:								
Surface water:								
30	Gravity only.....enterprises reporting..	5,441	71	119	22	88	3	29
31	.....acres irrigated..	2,959,515	54,092	127,390	8,282	18,099	1,064	59,857
32	Pumped only.....enterprises reporting..	322		12	2	1		3
33	.....acres irrigated..	18,299		555	392	50		300
34	Gravity and pumped.....enterprises reporting..	92		7	1			4
35	.....acres irrigated..	28,302		1,267	44			198
36	Ground water only (pumped from wells).....enterprises reporting..	2,905	227	30	23			31
37	.....acres irrigated..	245,117	12,695	3,055	1,032			1,475
38	Surface (gravity or pumped) and ground water.....enterprises reporting..	398	139	4	5		1	6
39	.....acres irrigated..	80,148	6,723	588	518		40	836
Stored water:								
40	None stored.....enterprises reporting..	7,910	375	153	45	82	3	64
41	.....acres irrigated..	1,845,164	31,314	98,621	7,712	12,863	65	24,017
42	Part stored.....enterprises reporting..	879	48	18	4	6		5
43	.....acres irrigated..	1,411,335	40,622	33,924	1,267	3,786		38,192
44	All stored.....enterprises reporting..	369	14	1	4	1	1	4
45	.....acres irrigated..	74,882	1,574	310	1,289	1,500	1,039	457
Sources of surface water, 1949: <sup>5</sup>								
46	Streams (and lakes).....enterprises reporting..	5,675	209	65	24	88	4	32
47	.....acres irrigated..	3,039,767	60,726	124,716	9,092	18,139	1,104	60,548
48	Springs.....enterprises reporting..	374	2		3	1		
49	.....acres irrigated..	56,029	99		259	10		
50	Flowing wells.....enterprises reporting..	238		69	4	1		1
51	.....acres irrigated..	84,942		19,252	85	35		
52	Drainage water.....enterprises reporting..	443	4	35				13
53	.....acres irrigated..	421,422	454	32,107				1,318
54	Sewage.....enterprises reporting..	7	1		1			
55	.....acres irrigated..	1,274	144		58			
56	Other sources.....enterprises reporting..	1						
57	.....acres irrigated..	52						
Drainage of irrigated land: <sup>6</sup>								
Irrigated land drained:								
58	Enterprises reporting.....enterprises 1949..	573	20	26	1	5		12
59	Area supplied primary irrigation.....acres 1949..	943,473	13,600	19,444	2	1,467		51,750
60	Area artificially drained.....acres 1949..	319,612	1,341	11,686	2	230		10,808
61	.....acres 1939..	119,286	(*)	22,004	(*)			2,200
Irrigated land in need of drainage:								
62	Enterprises reporting.....enterprises 1949..	818	20	22	2	14		8
63	Area supplied primary irrigation.....acres 1949..	846,494	15,447	41,469	226	6,632		49,269
64	Area in need of drainage.....acres 1949..	155,380	1,380	26,157	82	460		10,932
65	.....acres 1939..	35,792	(*)	2,000		26		

See footnotes at end of County Table 2, Part 1.



CHARACTERISTICS, BY COUNTIES: CENSUSES OF 1950 AND 1940

number of enterprises represents characteristics of the entire enterprise, acreage represents acreage within the county or State, except where otherwise noted]

Boulder	Chaffee	Clear Creek	Conejos	Costilla	Crowley	Custer	Delta	Denver	Dolores	Douglas	Eagle	Elbert	
167	114	4	279	53	31	139	443	20	12	64	156	16	1
157	130	19	171	43	21	155	386	4	17	73	260	15	2
14	.....	1	5	2	2	1	11	1	.....	1	4	.....	3
1,047	184	3	825	441	390	130	1,616	49	10	65	222	17	4
6.3	1.6	0.8	3.0	8.3	12.6	0.9	3.6	2.4	0.8	1.0	1.4	1.1	5
9.6	2.5	0.8	4.9	11.0	13.7	1.3	5.2	2.0	1.2	1.1	1.9	1.0	6
79,426	18,055	140	142,932	41,421	41,368	28,245	88,914	266	1,134	4,921	30,515	1,151	7
117,078	28,732	354	148,826	47,450	44,213	20,544	113,580	921	579	5,041	39,746	801	8
75.9	98.1	46.7	173.3	93.9	106.1	217.3	55.0	5.4	113.4	75.7	137.5	67.7	9
476	158	35	512	782	1,334	203	201	13	94	77	196	72	10
545	185	35	650	816	1,357	213	235	13	94	84	200	72	11
58	53	3	122	14	11	109	183	17	10	63	115	16	12
3,634	5,136	140	18,162	4,417	1,350	23,510	12,102	69	719	4,133	13,854	1,151	13
50	54	.....	108	26	5	29	186	.....	1	.....	38	.....	14
9,855	11,880	.....	64,624	9,947	4,066	5,672	21,681	.....	(3)	.....	15,955	.....	15
58	6	1	47	12	14	1	73	3	.....	.....	3	.....	16
77,587	4,106	(3)	98,386	14,987	36,532	(3)	70,469	197	.....	.....	1,423	.....	17
.....	.....	.....	.....	(3)	1	.....	.....	.....	.....	.....	.....	.....	18
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	19
.....	.....	.....	1	.....	1	.....	1	.....	1	.....	.....	.....	20
.....	.....	.....	(3)	.....	(3)	.....	(3)	.....	(3)	.....	.....	.....	21
1	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	22
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	23
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	24
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	25
.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	26
.....	(3)	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	27
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	28
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	29
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	(3)	.....	.....	.....
155	112	4	222	46	25	135	414	3	11	47	152	5	30
87,951	21,100	140	174,028	40,629	40,960	28,577	103,655	197	1,024	3,624	30,921	365	31
4	.....	.....	3	.....	.....	.....	14	2	.....	1	1	1	32
122	.....	.....	102	.....	.....	.....	240	4	.....	5	14	15	33
2	.....	.....	1	.....	.....	.....	5	.....	1	.....	1	.....	34
2,828	.....	.....	285	.....	.....	.....	157	.....	110	.....	250	.....	35
3	1	.....	51	1	6	1	8	15	.....	11	2	9	36
99	10	.....	6,845	80	1,118	380	121	65	.....	844	47	765	37
3	1	.....	2	6	.....	3	2	.....	.....	5	.....	1	38
76	12	.....	162	2,552	.....	650	79	.....	.....	923	.....	6	39
120	109	3	259	40	13	139	256	18	11	58	144	11	40
50,157	18,210	140	159,364	14,730	3,377	29,607	43,162	117	1,134	5,105	28,471	844	41
38	3	1	14	10	16	.....	87	2	.....	5	10	4	42
40,186	2,469	.....	21,208	12,459	34,117	.....	59,038	149	.....	271	1,675	287	43
9	2	.....	6	3	2	.....	100	.....	1	1	2	1	44
733	443	.....	850	16,072	4,584	.....	2,052	.....	.....	20	1,086	20	45
156	104	4	211	50	24	135	400	5	12	51	152	5	46
90,756	20,874	140	173,716	41,747	40,848	29,180	101,834	201	1,134	4,509	31,139	351	47
3	9	.....	16	1	.....	27	19	.....	.....	1	5	2	48
65	238	.....	11,480	1,412	.....	5,565	982	.....	.....	5	135	35	49
3	.....	.....	10	1	.....	3	4	.....	.....	1	2	.....	50
20	.....	.....	747	100	.....	461	75	.....	.....	38	94	.....	51
9	.....	.....	10	3	2	14	55	.....	.....	.....	.....	1	52
375	.....	.....	8,129	1,475	112	2,693	23,679	.....	.....	.....	.....	6	53
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	54
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	55
1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	56
52	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	57
43	5	.....	26	3	17	33	37	4	1	.....	3	.....	58
25,544	434	.....	25,924	242	39,561	10,369	21,263	24	77	.....	623	.....	59
6,076	209	.....	16,492	212	23,360	1,201	8,595	24	.....	.....	60	.....	60
866	.....	.....	3,680	(*)	.....	99	4,400	(*)	.....	.....	.....	(*)	61
31	4	.....	16	3	7	50	56	.....	2	1	9	.....	62
24,086	1,800	.....	20,460	295	20,721	10,452	28,791	.....	160	25	1,680	.....	63
2,575	504	.....	7,116	20	2,840	1,372	4,196	.....	50	10	85	.....	64
1,040	285	.....	70	.....	(*)	158	2,502	.....	.....	.....	28	.....	65

IRRIGATION OF AGRICULTURAL LANDS

County Table 2 (Part 1 of 4).--IRRIGATION ENTERPRISES: NUMBER AND

[Intercounty enterprises are counted in each county in which they had irrigation works, but only once in State total. For intercounty and interstate enterprises.

Item (For definitions and explanations, see text)	El Paso	Fremont	Garfield	Grand	Gunnison	Hinsdale	Huerfano
<b>ALL ENTERPRISES</b>							
<b>Farms and land irrigated:</b>							
1 All irrigation enterprises.....enterprises 1950..	87	148	275	156	256	26	186
2 1940..	108	187	342	201	287	34	213
3 Intercounty enterprises.....enterprises 1950..		1	5	1	14	1	1
4 Irrigated farms <sup>1</sup> .....farms 1950..	150	731	737	172	195	24	285
5 Average per enterprise.....farms 1950..	1.7	4.9	2.7	1.1	0.8	0.9	1.5
6 Farms irrigated direct per enterprise <sup>2</sup> .....farms 1950..	2.0	6.3	3.4	1.3	1.6	1.3	2.3
7 Irrigated land <sup>1</sup> .....acres 1949..	14,409	19,043	60,423	41,926	63,069	4,226	18,269
8 1939..	13,197	22,000	65,557	38,939	69,042	4,605	18,816
9 Average per irrigated farm.....acres 1949..	96.1	26.1	82.0	243.8	323.4	176.1	64.1
10 Average per enterprise.....acres 1949..	166	129	220	269	246	163	98
11 Average acreage irrigated direct per enterprise <sup>2</sup> .....acres 1949..	179	140	232	283	255	175	123
<b>Type of enterprise, 1950:</b>							
12 Single-farm.....enterprises..	81	117	171	137	151	18	101
13 acres irrigated..	7,725	7,462	13,956	34,142	29,303	2,226	8,234
<b>Mutual:</b>							
14 Unincorporated.....enterprises..	4	20	89	16	99	7	80
15 acres irrigated..	1,499	2,993	28,481	6,703	33,093	2,280	13,401
16 Incorporated.....enterprises..	2	11	14	2	6	1	5
17 acres irrigated..	(3)	10,308	21,236	(3)	2,955	(3)	1,312
18 Commercial.....enterprises..							
19 acres irrigated..							
20 District.....enterprises..			1				
21 acres irrigated..			(3)				
22 U. S. Bureau of Reclamation <sup>4</sup> .....enterprises..				1			
23 acres irrigated..							
24 U. S. Bureau of Indian Affairs <sup>4</sup> .....enterprises..							
25 acres irrigated..							
26 State.....enterprises..							
27 acres irrigated..							
28 City.....enterprises..							
29 acres irrigated..							
<b>Use of surface, ground, pumped and stored water, 1949:</b>							
<b>Surface water:</b>							
30 Gravity only.....enterprises reporting..	43	136	267	145	253	26	182
31 acres irrigated..	11,225	20,290	63,368	41,459	62,899	4,906	22,827
32 Pumped only.....enterprises reporting..	2	7	7	6			1
33 acres irrigated..	28	255	185	900			45
34 Gravity and pumped.....enterprises reporting..	3	3	1	3	3		
35 acres irrigated..	200	199	120	1,092	2,452		
36 Ground water only (pumped from wells).....enterprises reporting..	27	1					2
37 acres irrigated..	1,249	1					35
38 Surface (gravity or pumped) and ground water.....enterprises reporting..	12	1		2			1
39 acres irrigated..	2,903	18		700			40
<b>Stored water:</b>							
40 None stored.....enterprises reporting..	57	134	260	130	244	24	169
41 acres irrigated..	8,350	12,429	55,891	31,741	63,801	4,506	19,282
42 Part stored.....enterprises reporting..	11	12	10	24	10		13
43 acres irrigated..	6,237	8,315	7,260	12,200	1,259		2,899
44 All stored.....enterprises reporting..	19	2	5	2	2	2	4
45 acres irrigated..	1,018	19	522	210	291		766
<b>Sources of surface water, 1949:<sup>5</sup></b>							
46 Streams (and lakes).....enterprises reporting..	43	138	246	155	252	26	175
47 acres irrigated..	13,792	20,672	62,962	44,108	65,059	4,506	22,097
48 Springs.....enterprises reporting..	18	10	37	4	15		11
49 acres irrigated..	1,374	251	1,964	757	4,134		872
50 Flowing wells.....enterprises reporting..	6	7	2		1		
51 acres irrigated..	412	5,611	176		300		
52 Drainage water.....enterprises reporting..	1	1	2	1	2		3
53 acres irrigated..	10	842	190	450	560		710
54 Sewage.....enterprises reporting..		1					
55 acres irrigated..		43					
56 Other sources.....enterprises reporting..							
57 acres irrigated..							
<b>Drainage of irrigated land:<sup>6</sup></b>							
<b>Irrigated land drained:</b>							
58 Enterprises reporting.....enterprises 1949..	2	9	6	8	27		7
59 Area supplied primary irrigation.....acres 1949..	4,579	3,090	4,980	3,400	10,736		584
60 Area artificially drained.....acres 1949..	70	1,543	251	667	3,514		209
61 acres 1939..	(*)	84		50	5		
<b>Irrigated land in need of drainage:</b>							
62 Enterprises reporting.....enterprises 1949..	10	13	16	20	49	4	22
63 Area supplied primary irrigation.....acres 1949..	6,381	4,491	9,291	4,775	16,133	740	3,197
64 Area in need of drainage.....acres 1949..	283	1,223	595	576	2,873	180	573
65 acres 1939..	(*)	733	(*)	152	235		14

See footnotes at end of County Table 2, Part 1.

CHARACTERISTICS, BY COUNTIES: CENSUSES OF 1950 AND 1940—Continued

number of enterprises represents characteristics of the entire enterprise, acreage represents acreage within the county or State, except where otherwise noted]

Jackson	Jefferson	Kit Carson	Lake	La Plata	Larimer	Las Animas	Lincoln	Logan	Mesa	Mineral	Moffat	Montezuma	
171	144	7	21	165	384	154	15	160	265	8	97	119	1
216	81	(*)	28	202	275	196	7	117	317	45	134	131	2
.....	11	.....	4	3	21	.....	.....	4	5	2	4	.....	3
122	1,001	8	16	725	1,392	373	15	608	2,448	3	136	736	4
0.7	7.0	1.1	0.8	4.4	3.6	2.4	1.0	3.8	9.2	0.4	1.4	6.2	5
1.7	10.2	1.0	1.0	6.5	4.8	3.1	1.0	4.8	11.4	0.5	1.7	7.1	6
141,953	31,485	1,480	6,679	77,616	113,525	28,885	1,153	76,837	112,298	560	16,119	54,498	7
154,279	49,655	(*)	8,506	75,218	149,652	31,760	244	100,175	106,385	6,208	19,384	48,453	8
1,163.5	31.5	185.0	417.4	107.1	81.6	77.4	76.9	126.4	45.9	186.7	118.5	74.0	9
830	219	211	318	470	296	188	77	480	424	70	166	458	10
909	259	211	318	519	342	204	84	511	449	108	186	482	11
93	85	7	15	84	315	107	15	134	161	3	77	76	12
85,581	3,081	1,480	5,949	5,999	30,067	10,325	1,263	7,887	17,710	560	9,957	5,954	13
78	21	.....	4	50	8	33	.....	6	80	3	15	35	14
69,897	1,869	.....	730	13,561	2,142	4,500	.....	9,083	26,706	300	3,965	8,110	15
.....	36	.....	1	29	57	14	.....	18	21	2	4	7	16
.....	31,675	.....	( <sup>3</sup> )	57,900	99,189	16,560	.....	45,217	60,601	( <sup>3</sup> )	2,305	43,380	17
.....	( <sup>3</sup> )	.....	( <sup>3</sup> )	.....	( <sup>3</sup> )	.....	.....	.....	.....	.....	.....	.....	18
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	19
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	20
.....	.....	.....	.....	.....	.....	.....	.....	( <sup>3</sup> )	14,016	.....	( <sup>3</sup> )	.....	21
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	22
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	23
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	24
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	25
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	26
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	27
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	28
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	29
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	30
171	107	.....	21	162	220	137	4	56	209	8	77	111	30
155,478	36,556	.....	6,679	85,603	114,352	30,492	300	76,428	104,307	860	15,950	56,544	31
.....	8	.....	.....	2	15	6	.....	5	46	.....	15	6	32
.....	116	.....	.....	20	987	448	.....	235	3,984	.....	1,257	154	33
.....	6	.....	.....	.....	4	3	.....	3	7	.....	5	2	34
.....	423	.....	.....	.....	3,622	186	.....	218	3,026	.....	843	716	35
.....	20	7	.....	1	133	4	11	92	1	.....	.....	.....	36
.....	212	1,480	.....	30	11,718	150	963	4,600	.....	.....	.....	.....	37
.....	3	.....	.....	.....	12	4	.....	4	2	.....	.....	.....	38
.....	49	.....	.....	.....	719	109	.....	329	7,716	.....	.....	.....	39
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	40
152	101	7	18	133	308	144	13	133	198	4	77	96	40
126,429	13,355	1,480	6,329	39,264	64,627	26,261	1,113	30,744	94,418	860	14,830	10,154	41
.....	18	.....	3	27	49	6	1	18	52	.....	13	20	42
.....	28,949	22,811	350	45,086	62,426	1,538	110	42,605	22,192	.....	2,579	45,779	43
.....	1	14	.....	5	27	4	1	9	15	4	7	3	44
.....	100	1,190	.....	1,303	4,345	3,586	40	8,461	2,423	.....	641	1,481	45
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	46
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	47
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	48
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	49
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	50
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	51
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	52
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	53
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	54
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	55
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	56
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	57
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	58
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	59
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	60
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	61
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	62
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	63
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	64
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	65
7	11	.....	.....	6	36	2	.....	10	12	.....	1	6	58
8,115	7,916	.....	.....	15,214	30,037	305	.....	34,868	66,823	.....	380	3,037	59
1,370	785	.....	.....	573	9,267	230	.....	7,239	46,847	.....	40	108	60
(*)	.....	(*)	.....	1	13,442	.....	.....	5,817	14,523	.....	.....	.....	61
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	62
28	13	.....	6	20	41	12	.....	9	13	.....	15	9	62
22,433	8,891	.....	3,904	37,712	21,089	3,128	.....	27,717	18,663	.....	4,855	38,629	63
2,690	595	.....	1,195	5,059	2,590	1,021	.....	1,292	2,585	.....	1,152	1,987	64
(*)	(*)	(*)	(*)	410	148	43	.....	2,600	909	.....	(*)	(*)	65

IRRIGATION OF AGRICULTURAL LANDS

County Table 2 (Part 1 of 4).--IRRIGATION ENTERPRISES: NUMBER AND

[Intercounty enterprises are counted in each county in which they had irrigation works, but only once in State total. For intercounty and interstate enterprises,

Item (For definitions and explanations, see text)	Montrose	Morgan	Otero	Ouray	Park	Phillips	Pitkin	Prowers
ALL ENTERPRISES								
Farms and land irrigated:								
1 All irrigation enterprises.....enterprises 1950..	144	468	142	86	89	5	84	57
2 1940..	113	245	152	112	151	3	123	67
3 Intercounty enterprises.....enterprises 1950..	12	5	5	3	1	.....	6	3
4 Irrigated farms <sup>1</sup> .....farms 1950..	1,330	995	873	126	85	7	91	647
5 Average per enterprise.....farms 1950..	9.2	2.1	6.1	1.5	1.0	1.4	1.1	11.4
6 Farms irrigated direct per enterprise <sup>2</sup> .....farms 1950..	10.3	3.0	7.3	2.5	1.0	1.2	1.8	13.2
7 Irrigated land <sup>1</sup> .....acres 1949..	95,947	113,441	75,175	17,720	44,774	2,069	14,125	96,263
8 1939..	86,837	110,293	81,298	16,663	41,881	350	17,761	86,831
9 Average per irrigated farm.....acres 1949..	72.1	114.0	86.1	140.6	526.8	295.6	155.2	148.8
10 Average per enterprise.....acres 1949..	666	242	529	206	503	414	168	1,689
11 Average acreage irrigated direct per enterprise <sup>2</sup> .....acres 1949..	679	298	581	223	509	414	174	1,722
Type of enterprise, 1950:								
12 Single-farm.....enterprises..	89	428	130	43	83	5	52	23
13 acres irrigated..	8,700	62,120	10,746	6,043	42,324	2,069	5,944	2,108
Mutual:								
14 Incorporated.....enterprises..	35	12	4	41	5	.....	26	9
15 acres irrigated..	10,754	7,235	1,389	11,974	2,990	.....	7,168	7,711
16 Incorporated.....enterprises..	20	26	6	2	1	.....	5	25
17 acres irrigated..	78,368	52,408	48,590	( <sup>3</sup> )	( <sup>3</sup> )	.....	1,498	88,309
18 Commercial.....enterprises..	.....	.....	.....	.....	.....	.....	.....	.....
19 acres irrigated..	.....	.....	.....	.....	.....	.....	( <sup>3</sup> )	.....
20 District.....enterprises..	.....	2	2	.....	.....	.....	.....	.....
21 acres irrigated..	.....	( <sup>3</sup> )	( <sup>3</sup> )	.....	.....	.....	.....	.....
22 U. S. Bureau of Reclamation <sup>4</sup> .....enterprises..	.....	.....	.....	.....	.....	.....	.....	.....
23 acres irrigated..	.....	.....	.....	.....	.....	.....	.....	.....
24 U. S. Bureau of Indian Affairs <sup>4</sup> .....enterprises..	.....	.....	.....	.....	.....	.....	.....	.....
25 acres irrigated..	.....	.....	.....	.....	.....	.....	.....	.....
26 State.....enterprises..	.....	.....	.....	.....	.....	.....	.....	.....
27 acres irrigated..	.....	.....	.....	.....	.....	.....	.....	.....
28 City.....enterprises..	.....	.....	.....	.....	.....	.....	.....	.....
29 acres irrigated..	.....	.....	.....	.....	.....	.....	.....	.....
Use of surface, ground, pumped and stored water, 1949:								
Surface water:								
30 Gravity only.....enterprises reporting..	140	39	12	86	88	1	84	38
31 acres irrigated..	97,678	77,079	68,280	19,179	45,264	1,650	14,610	92,664
32 Pumped only.....enterprises reporting..	2	18	9	.....	.....	.....	.....	1
33 acres irrigated..	17	881	524	.....	.....	.....	.....	10
34 Gravity and pumped.....enterprises reporting..	2	.....	2	.....	.....	.....	.....	1
35 acres irrigated..	127	.....	343	.....	.....	.....	.....	20
36 Ground water only (pumped from wells).....enterprises reporting..	.....	408	111	.....	1	4	.....	13
37 acres irrigated..	.....	60,563	7,821	.....	50	419	.....	1,162
38 Surface (gravity or pumped) and ground water.....enterprises reporting..	.....	3	8	.....	.....	.....	.....	4
39 acres irrigated..	.....	821	5,598	.....	.....	.....	.....	4,272
Stored water:								
40 None stored.....enterprises reporting..	122	426	136	81	80	5	82	38
41 acres irrigated..	23,389	67,196	22,913	17,201	28,811	2,069	14,610	32,745
42 Part stored.....enterprises reporting..	20	38	6	5	7	.....	2	17
43 acres irrigated..	74,423	71,925	59,653	1,978	16,428	.....	.....	65,233
44 All stored.....enterprises reporting..	2	4	.....	.....	2	.....	.....	2
45 acres irrigated..	10	223	.....	.....	75	.....	.....	150
Sources of surface water, 1949: <sup>5</sup>								
46 Streams (and lakes).....enterprises reporting..	123	54	30	84	85	1	81	39
47 acres irrigated..	96,695	78,050	74,585	19,105	45,194	1,650	14,459	96,658
48 Springs.....enterprises reporting..	15	.....	1	3	8	.....	3	.....
49 acres irrigated..	1,322	.....	70	214	840	.....	151	.....
50 Flowing wells.....enterprises reporting..	.....	.....	.....	.....	1	.....	.....	1
51 acres irrigated..	.....	.....	.....	.....	35	.....	.....	.....
52 Drainage water.....enterprises reporting..	17	8	2	.....	1	.....	1	10
53 acres irrigated..	58,488	19,871	7,536	.....	30	.....	256	33,055
54 Sewage.....enterprises reporting..	.....	.....	.....	.....	.....	.....	.....	.....
55 acres irrigated..	.....	.....	.....	.....	.....	.....	.....	.....
56 Other sources.....enterprises reporting..	.....	.....	.....	.....	.....	.....	.....	.....
57 acres irrigated..	.....	.....	.....	.....	.....	.....	.....	.....
Drainage of irrigated land: <sup>6</sup>								
Irrigated land drained:								
58 Enterprises reporting.....enterprises 1949..	16	3	12	4	.....	.....	1	30
59 Area supplied primary irrigation.....acres 1949..	69,906	22,730	63,017	772	.....	.....	66	81,053
60 Area artificially drained.....acres 1949..	19,075	1,802	23,958	188	.....	.....	6	20,374
61 acres 1939..	13,437	(*)	3,065	.....	.....	(*)	.....	13,577
Irrigated land in need of drainage:								
62 Enterprises reporting.....enterprises 1949..	17	8	4	6	1	.....	11	19
63 Area supplied primary irrigation.....acres 1949..	70,808	24,825	34,987	2,100	1,000	.....	1,692	65,623
64 Area in need of drainage.....acres 1949..	5,826	1,304	3,499	90	40	.....	189	6,776
65 acres 1939..	4,726	.....	500	(*)	150	.....	.....	664

<sup>1</sup>Not available. <sup>2</sup>Farms or acres irrigated direct by 2 or more enterprises are counted only once. Number of irrigated farms is from the U. S. Census of Agriculture. Acreage irrigated is from the Census of Irrigation and therefore differs from acreage irrigated shown in County Table 1. (See text.) <sup>3</sup>Farms or acres irrigated direct by 2 or more enterprises are counted for each enterprise. <sup>4</sup>Data for less than 3 enterprises not shown separately. <sup>5</sup>Data for less than 3 enterprises shown with permission of the enterprise. <sup>6</sup>Enterprises reporting water from more than 1 source are counted for each. <sup>7</sup>For intercounty and interstate enterprises, data represent characteristics within the county or State.



IRRIGATION OF AGRICULTURAL LANDS

County Table 2 (Part 2 of 4).—IRRIGATION ENTERPRISES: NUMBER AND CHARACTERISTICS

[Intercounty enterprises are counted in each county in which they had irrigation works, but only once in State total. For intercounty enterprises,

Item (For definitions and explanations, see text)		The State	Adams	Alamosa	Arapahoe	Archuleta	Paca	Pent
<b>ALL ENTERPRISES</b>								
1	Irrigation works:							
2	Diversion dams.....enterprises reporting 1950..	4,424	42	80	13	57	2	19
3	dams 1950..	7,709	46	96	13	74	2	23
4	1940..	4,792	12	26	9	102	7	10
5	Diversion dams by material:							
6	Concrete or masonry.....dams 1950..	583	14	.....	3	1	1	2
7	Timber.....dams 1950..	951	4	14	1	12	.....	4
8	Earth and rock.....dams 1950..	5,442	26	80	9	50	1	13
9	Other, mixed, and not reported.....dams 1950..	733	2	2	.....	11	.....	4
10	Reservoirs.....enterprises reporting 1950..	770	45	2	4	10	1	7
11	reservoirs 1950..	1,182	62	2	5	23	1	10
12	1940..	1,071	42	2	12	6	9	7
13	Reservoirs for which capacity was reported.....reservoirs 1950..	1,106	60	2	4	23	1	10
14	total capacity, acre-feet 1950..	2,028,550	55,627	15	1,223	2,233	40,014	95,940
15	1940..	2,071,522	38,390	(*)	2,599	850	30,104	152,012
16	Reservoirs by capacity:							
17	1-99 acre-feet.....reservoirs 1950..	628	49	2	3	17	.....	7
18	100-999 acre-feet.....reservoirs 1950..	310	7	.....	.....	6	.....	1
19	1,000 acre-feet and over.....reservoirs 1950..	168	4	.....	1	.....	1	2
20	Reservoir dams by material:							
21	Concrete or masonry.....dams 1950..	25	.....	.....	1	.....	.....	.....
22	Earth and rock.....dams 1950..	1,108	61	2	4	22	1	10
23	Other, mixed, and not reported.....dams 1950..	49	1	.....	.....	1	.....	.....
24	Canals and ditches.....enterprises reporting 1950..	4,818	161	64	24	72	4	31
25	total length, miles 1950..	18,729	412	504	116	221	19	188
26	1940..	19,864	278	388	124	201	39	193
27	Pipelines and siphons <sup>2</sup> .....enterprises reporting 1950..	327	11	.....	2	2	.....	8
28	total length, miles 1950..	251	7	.....	7	( <sup>1</sup> )	( <sup>1</sup> )	2
29	1940..	245	4	.....	1	( <sup>1</sup> )	1	1
30	Tunnels.....enterprises reporting 1950..	51	.....	.....	.....	.....	1	1
31	total length, feet 1950..	146,022	.....	.....	.....	.....	150	250
32	Flowing wells.....enterprises reporting 1950..	236	.....	68	4	1	.....	1
33	wells 1950..	1,371	.....	264	5	3	.....	1
34	1940..	886	.....	136	4	.....	3	.....
35	Pumped wells.....enterprises reporting 1950..	3,309	367	37	28	.....	1	37
36	wells 1950..	4,988	550	61	34	.....	1	46
37	1940..	2,878	321	80	31	.....	4	31
38	Wells for which pumping lift was reported.....wells 1949..	4,685	526	48	30	.....	1	44
39	Average pumping lift.....feet 1949..	37	36	26	32	.....	25	26
40	1939..	33	32	18	45	.....	71	23
41	Irrigation pumps.....enterprises reporting 1950..	3,706	367	53	32	1	1	44
42	pumps 1950..	5,366	549	73	42	1	1	54
43	pumping plants 1940..	2,806	318	56	30	1	4	32
44	Electric motors used for pumping.....enterprises reporting 1950..	2,681	260	16	18	.....	.....	16
45	electric motors 1950..	3,911	397	25	21	.....	.....	21
46	Other motors and engines used for pumping.....enterprises reporting 1950..	1,166	138	40	14	1	1	29
47	other motors and engines 1950..	1,356	153	47	18	1	1	32
48	Season of irrigation, 1949:							
49	Water delivered only before July 1.....enterprises reporting..	316	3	2	.....	3	.....	.....
50	acres irrigated..	45,539	90	130	.....	86	.....	.....
51	Water delivered before and after July 1.....enterprises reporting..	7,817	389	130	38	85	2	58
52	acres irrigated..	3,212,190	71,788	130,763	9,286	17,813	1,079	62,422
53	Water delivered only after July 1.....enterprises reporting..	407	14	36	1	.....	.....	4
54	acres irrigated..	30,136	494	1,936	58	.....	.....	140
55	Capital investment:							
56	Capital investment in irrigation works and water rights to Jan. 1, 1940.....dollars 1940..	106,849,343	1,929,030	1,512,466	845,921	126,357	537,447	1,978,190
57	New capital investment Jan. 1, 1940, to Jan. 1, 1950:							
58	Enterprises reporting.....enterprises 1950..	4,210	185	84	10	42	1	33
59	Amount.....dollars 1950..	56,446,470	417,190	223,951	9,290	47,400	5,400	95,049
60	Area irrigated direct.....acres 1949..	1,430,915	15,492	37,016	711	13,308	1,039	28,026
61	Total capital investment Jan. 1, 1950.....dollars 1950..	163,295,813	2,346,220	1,736,417	855,211	173,757	542,847	2,073,239
62	Indebtedness: <sup>3</sup>							
63	Outstanding bonds, construction cost, and other funded obligations, Jan. 1, 1950:							
64	Enterprises reporting.....enterprises 1950..	148	5	3	1	1	.....	2
65	Amount.....dollars 1950..	44,165,521	71,354	36,495	340	6,267	.....	22,830
66	1940..	22,810,607	106,576	140,587	14,351	49	1,166	294,696
67	Area irrigated direct.....acres 1949..	604,540	12,914	23,280	809	2,400	.....	4,138
68	Arrearage in payment of principal or interest on bonds, construction cost, and other funded obligations, Jan. 1, 1950:							
69	Enterprises reporting.....enterprises 1950..	8	.....	.....	.....	.....	.....	.....
70	Amount.....dollars 1950..	416,469	.....	.....	.....	.....	.....	.....
71	Area irrigated direct.....acres 1949..	27,756	.....	.....	.....	.....	.....	.....

See footnotes at end of County Table 2, Part 2.



IRRIGATION OF AGRICULTURAL LANDS

County Table 2 (Part 2 of 4).—IRRIGATION ENTERPRISES: NUMBER AND CHARACTERISTICS.

[Intercounty enterprises are counted in each county in which they had irrigation works, but only once in State total. For intercounty enterprises,

Item (For definitions and explanations, see text)	El Paso	Fremont	Garfield	Grand	Gunnison	Hinsdale	Huerfano
<b>ALL ENTERPRISES</b>							
<b>Irrigation works:</b>							
1 Diversion dams.....enterprises reporting 1950..	34	121	237	121	240	21	156
2 .....dams 1950..	67	197	340	312	429	38	266
3 .....dams 1940..	49	74	121	147	290	41	129
<b>Diversion dams by material:</b>							
4 Concrete or masonry.....dams 1950..	8	16	40	5	9	.....	6
5 Timber.....dams 1950..	3	7	39	20	48	1	56
6 Earth and rock.....dams 1950..	45	171	247	276	298	37	122
7 Other, mixed, and not reported.....dams 1950..	11	3	14	11	74	.....	82
8 Reservoirs.....enterprises reporting 1950..	28	12	11	27	8	3	23
9 .....reservoirs 1950..	41	18	17	34	11	4	35
10 .....reservoirs 1940..	67	19	21	16	11	6	24
11 Reservoirs for which capacity was reported.....reservoirs 1950..	37	18	14	28	10	4	30
12 .....total capacity, acre-feet 1950..	9,876	10,742	12,558	9,217	107,413	78,262	21,950
13 .....total capacity, acre-feet 1940..	2,746	4,318	13,187	1,759	107,980	78,876	3,651
<b>Reservoirs by capacity:</b>							
14 1-99 acre-feet.....reservoirs 1950..	33	15	6	15	6	1	23
15 100-999 acre-feet.....reservoirs 1950..	2	.....	6	11	3	1	6
16 1,000 acre-feet and over.....reservoirs 1950..	2	3	2	2	1	2	1
<b>Reservoir dams by material:</b>							
17 Concrete or masonry.....dams 1950..	.....	2	.....	.....	.....	.....	.....
18 Earth and rock.....dams 1950..	41	16	16	32	11	3	32
19 Other, mixed, and not reported.....dams 1950..	.....	.....	1	2	.....	1	3
20 Canals and ditches.....enterprises reporting 1950..	33	98	233	133	181	22	157
21 .....total length, miles 1950..	121	214	650	543	350	44	279
22 .....total length, miles 1940..	123	263	721	391	692	68	303
23 Pipelines and siphons <sup>2</sup> .....enterprises reporting 1950..	5	22	35	4	6	2	1
24 .....total length, miles 1950..	2	79	12	2	1	1	(1)
25 .....total length, miles 1940..	8	66	5	1	2	.....	(1)
26 Tunnels.....enterprises reporting 1950..	.....	3	3	1	.....	1	1
27 .....total length, feet 1950..	.....	1,320	1,290	3,459	.....	602	80
28 Flowing wells.....enterprises reporting 1950..	6	7	2	.....	1	.....	.....
29 .....wells 1950..	8	8	2	.....	3	.....	.....
30 .....wells 1940..	1	15	.....	.....	.....	.....	.....
31 Pumped wells.....enterprises reporting 1950..	39	2	1	2	.....	.....	3
32 .....wells 1950..	71	3	1	3	.....	.....	3
33 .....wells 1940..	42	9	.....	1	.....	.....	4
34 Wells for which pumping lift was reported.....wells 1949..	60	3	1	3	.....	.....	3
35 .....Average pumping lift.....feet 1949..	35	11	100	9	.....	.....	18
36 .....Average pumping lift.....feet 1939..	36	31	.....	(*)	.....	.....	20
37 Irrigation pumps.....enterprises reporting 1950..	44	12	9	10	2	.....	3
38 .....pumps 1950..	80	16	9	16	2	.....	3
39 .....pumping plants 1940..	37	14	1	2	1	.....	5
40 Electric motors used for pumping.....enterprises reporting 1950..	30	9	5	5	.....	.....	1
41 .....electric motors 1950..	54	11	5	9	.....	.....	1
42 Other motors and engines used for	.....	.....	.....	.....	.....	.....	.....
43 pumping.....enterprises reporting 1950..	14	5	5	5	.....	.....	2
.....other motors and engines 1950..	15	5	5	8	.....	.....	2
<b>Season of irrigation, 1949:<sup>3</sup></b>							
44 Water delivered only before July 1.....enterprises reporting..	1	5	33	1	.....	.....	33
45 .....acres irrigated..	15	360	4,571	80	.....	.....	3,001
46 Water delivered before and after July 1.....enterprises reporting..	78	138	236	148	251	24	149
47 .....acres irrigated..	15,525	20,179	56,718	42,209	64,916	3,961	19,803
48 Water delivered only after July 1.....enterprises reporting..	3	1	2	2	1	1	.....
49 .....acres irrigated..	52	170	80	200	95	.....	.....
<b>Capital investment:</b>							
50 Capital investment in irrigation works and water	.....	.....	.....	.....	.....	.....	.....
rights to Jan. 1, 1940.....dollars 1940..	593,142	1,711,651	2,025,306	549,749	549,996	30,925	270,442
<b>New capital investment Jan. 1, 1940, to Jan. 1, 1950:</b>							
51 Enterprises reporting.....enterprises 1950..	52	33	128	68	127	12	43
52 Amount.....dollars 1950..	215,449	47,202	283,180	17,765,556	398,442	106,713	71,951
53 Area irrigated direct.....acres 1949..	12,687	3,130	38,383	27,258	52,179	1,842	5,176
54 Total capital investment Jan. 1, 1950.....dollars 1950..	808,591	1,758,853	2,308,486	18,315,305	948,438	137,638	342,393
<b>Indebtedness:<sup>3</sup></b>							
<b>Outstanding bonds, construction cost, and other</b>							
<b>funded obligations, Jan. 1, 1950:</b>							
55 Enterprises reporting.....enterprises 1950..	2	2	8	1	1	1	2
56 Amount.....dollars 1950..	31,906	29,875	159,359	700	4,641	19,000	5,000
57 .....Amount.....dollars 1940..	266,050	68,599	37,048	159	.....	.....	.....
58 Area irrigated direct.....acres 1949..	6,381	1,381	6,604	2,221	.....	.....	864
<b>Arrearage in payment of principal or interest on</b>							
<b>bonds, construction cost, and other funded</b>							
<b>obligations, Jan. 1, 1950:</b>							
59 Enterprises reporting.....enterprises 1950..	.....	.....	.....	.....	.....	.....	.....
60 Amount.....dollars 1950..	.....	.....	.....	.....	.....	.....	.....
61 Area irrigated direct.....acres 1949..	.....	.....	.....	.....	.....	.....	.....

See footnotes at end of County Table 2, Part 2.



BY COUNTIES: CENSUSES OF 1950 AND 1940—Continued

data represent characteristics within the county or State. Acreage irrigated direct by 2 or more enterprises is counted for each enterprise]

Jackson	Jefferson	Kit Carson	Lake	La Plata	Larimer	Las Animas	Lincoln	Logan	Mesa	Mineral	Moffat	Montezuma	
166	68	.....	11	132	161	105	5	43	208	6	69	106	1
384	85	.....	44	176	369	158	9	52	346	6	111	134	2
325	51	(*)	13	136	271	169	.....	42	297	3	16	104	3
10	21	.....	.....	19	86	18	.....	5	24	1	15	10	4
30	12	.....	11	14	37	27	.....	1	30	.....	12	12	5
299	51	.....	33	134	228	85	9	22	273	5	81	98	6
45	1	.....	.....	9	18	28	.....	24	19	.....	3	14	7
19	37	.....	1	9	56	12	2	11	38	4	18	6	8
28	71	.....	1	10	108	30	4	12	83	5	22	9	9
12	36	(*)	1	7	102	11	7	13	88	5	23	10	10
28	68	.....	1	9	104	30	4	12	81	5	20	9	11
12,349	36,189	.....	54,452	127,888	231,735	18,100	161	106,045	33,466	45,028	1,421	25,325	12
7,118	34,478	(*)	(*)	1,751	227,645	20,149	501	112,244	24,342	44,592	3,788	17,238	13
13	38	.....	.....	5	34	25	4	9	33	.....	16	1	14
13	16	.....	.....	2	33	3	.....	1	38	4	4	4	15
2	14	.....	1	2	37	2	.....	2	10	1	.....	4	16
4	.....	.....	.....	.....	1	.....	.....	1	1	.....	.....	.....	17
24	70	.....	1	7	105	28	4	11	78	5	20	9	18
.....	1	.....	.....	3	2	2	.....	.....	4	.....	.....	.....	19
148	78	.....	17	142	170	136	2	33	184	3	72	102	20
563	373	.....	37	795	838	397	1	320	840	2	188	443	21
1,208	310	(*)	62	574	759	389	3	467	862	39	204	408	22
3	10	.....	1	9	29	5	.....	2	20	2	4	4	23
1	3	.....	(1)	2	13	9	.....	(1)	11	1	2	5	24
1	8	(*)	2	2	15	4	.....	(1)	18	2	2	1	25
.....	4	.....	2	3	7	.....	.....	.....	6	.....	1	3	26
.....	1,425	.....	11,170	920	24,321	.....	.....	.....	15,996	.....	2,100	6,250	27
1	.....	.....	.....	1	3	.....	.....	.....	1	.....	.....	.....	28
2	.....	(*)	.....	3	4	.....	.....	.....	1	.....	5	.....	29
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	7	.....	30
.....	23	7	.....	1	146	8	11	96	2	.....	.....	.....	31
.....	37	11	.....	3	220	11	29	122	4	.....	.....	.....	32
2	14	(*)	.....	.....	104	8	12	107	.....	.....	5	.....	33
.....	34	11	.....	3	211	4	29	113	3	.....	.....	.....	34
.....	28	90	.....	20	29	24	42	38	20	.....	.....	.....	35
(*)	51	(*)	.....	.....	29	57	41	29	.....	.....	18	.....	36
.....	37	7	.....	2	164	16	11	102	53	.....	20	8	37
.....	51	11	.....	2	236	20	22	120	72	.....	31	8	38
2	16	(*)	.....	1	106	9	4	85	38	1	19	.....	39
.....	26	.....	.....	1	128	3	.....	33	39	.....	.....	2	40
.....	36	.....	.....	1	193	3	.....	41	53	.....	.....	2	41
.....	16	7	.....	2	39	12	11	73	15	.....	19	6	42
.....	17	9	.....	2	42	17	20	79	18	.....	22	6	43
.....	3	.....	.....	9	5	30	.....	5	15	.....	17	1	44
1,100	219	.....	.....	943	932	4,616	.....	148	2,587	.....	1,631	2	45
170	129	6	21	146	333	116	14	112	237	4	78	114	46
154,378	37,007	1,470	6,679	84,131	122,510	23,637	1,103	72,933	114,665	860	16,315	57,307	47
.....	4	1	.....	1	28	1	1	23	4	4	2	3	48
.....	71	10	.....	200	3,019	18	160	1,195	1,781	.....	104	93	49
789,860	1,585,792	(*)	16,524	1,875,095	6,713,002	1,217,954	14,975	3,528,970	5,848,890	22,420	304,545	4,883,337	50
79	36	6	7	80	134	57	10	85	139	2	52	71	51
183,888	39,010	39,131	64,440	1,453,110	21,004,383	98,720	69,075	202,715	416,566	34,000	97,947	3,982,793	52
85,396	4,488	1,320	2,347	72,684	75,769	7,221	798	45,071	91,202	.....	10,892	15,289	53
973,748	1,624,802	(*)	80,964	3,328,205	27,717,385	1,316,674	84,050	3,731,685	6,265,456	56,420	402,492	8,866,130	54
.....	6	.....	.....	16	17	5	.....	1	6	1	3	5	55
.....	108,770	.....	.....	1,803,545	6,860,928	101,615	.....	1,000	3,246,706	5,755	3,014	954,403	56
.....	115,349	(*)	.....	44,305	1,308,699	120,770	.....	33,793	3,584,687	.....	7,701	85,075	57
.....	10,764	.....	.....	46,010	55,010	9,495	.....	1,706	59,187	.....	2,591	39,605	58
.....	.....	.....	.....	4	.....	.....	.....	.....	.....	.....	1	.....	59
.....	.....	.....	.....	121,840	.....	.....	.....	.....	.....	.....	289	.....	60
.....	.....	.....	.....	11,769	.....	.....	.....	.....	.....	.....	220	.....	61

## IRRIGATION OF AGRICULTURAL LANDS

County Table 2 (Part 2 of 4).—IRRIGATION ENTERPRISES: NUMBER AND CHARACTERISTICS.

[Intercounty enterprises are counted in each county in which they had irrigation works, but only once in State total. For intercounty enterprises,

Item (For definitions and explanations, see text)		Montrose	Morgan	Otero	Ouray	Park	Phillips	Pitkin	Prowers
ALL ENTERPRISES									
Irrigation works:									
1	Diversion dams.....enterprises reporting 1950..	118	9	9	82	81	1	76	18
2	dams 1950..	198	9	16	121	254	9	138	19
3	1940..	67	14	8	99	265	.....	104	10
Diversion dams by material:									
4	Concrete or masonry.....dams 1950..	8	7	1	2	1	.....	5	6
5	Timber.....dams 1950..	22	.....	6	38	41	.....	22	3
6	Earth and rock.....dams 1950..	156	1	7	76	173	9	106	6
7	Other, mixed, and not reported.....dams 1950..	12	1	2	5	39	.....	5	4
8	Reservoirs.....enterprises reporting 1950..	10	7	4	5	6	.....	1	2
9	reservoirs 1950..	12	7	5	5	17	.....	1	2
10	1940..	3	3	2	4	10	.....	3	8
11	Reservoirs for which capacity was reported.....reservoirs 1950..	10	7	5	5	10	.....	1	2
12	total capacity, acre-feet 1950..	11,897	44,851	48,341	159	6,550	.....	700	1,001
13	1940..	12,045	44,814	(*)	440	5,577	.....	872	8,007
Reservoirs by capacity:									
14	1-99 acre-feet.....reservoirs 1950..	6	4	1	4	2	.....	.....	1
15	100-999 acre-feet.....reservoirs 1950..	1	1	.....	1	7	.....	1	.....
16	1,000 acre-feet and over.....reservoirs 1950..	3	2	4	.....	1	.....	.....	1
Reservoir dams by material:									
17	Concrete or masonry.....dams 1950..	.....	.....	2	.....	.....	.....	.....	.....
18	Earth and rock.....dams 1950..	11	7	3	4	17	.....	1	2
19	Other, mixed, and not reported.....dams 1950..	1	.....	.....	1	.....	.....	.....	.....
20	Canals and ditches.....enterprises reporting 1950..	119	41	44	83	49	1	59	43
21	total length, miles 1950..	887	370	331	181	231	10	170	291
22	1940..	794	325	295	235	338	.....	249	654
23	Pipelines and siphons <sup>2</sup> .....enterprises reporting 1950..	7	4	8	1	3	.....	8	2
24	total length, miles 1950..	12	2	3	1	1	.....	5	1
25	1940..	4	( <sup>1</sup> )	1	1	( <sup>1</sup> )	.....	8	1
26	Tunnels.....enterprises reporting 1950..	2	.....	.....	1	.....	.....	3	.....
27	total length, feet 1950..	39,372	.....	.....	625	.....	.....	28,390	.....
28	Flowing wells.....enterprises reporting 1950..	.....	.....	.....	.....	1	.....	.....	1
29	wells 1950..	.....	.....	.....	.....	1	.....	.....	2
30	1940..	.....	.....	.....	.....	.....	.....	.....	.....
31	Pumped wells.....enterprises reporting 1950..	.....	411	115	.....	1	4	.....	17
32	wells 1950..	.....	535	157	.....	2	4	.....	23
33	1940..	.....	242	146	.....	.....	3	.....	71
34	Wells for which pumping lift was reported.....wells 1949..	.....	508	146	.....	2	4	.....	22
35	Average pumping lift.....feet 1949..	.....	56	27	.....	20	74	.....	27
36	1939..	.....	50	23	.....	60	.....	.....	19
37	Irrigation pumps.....enterprises reporting 1950..	4	429	125	.....	1	4	.....	19
38	pumps 1950..	5	559	166	.....	2	4	.....	24
39	pumping plants 1940..	1	244	148	.....	.....	3	.....	65
40	Electric motors used for pumping.....enterprises reporting 1950..	3	374	101	.....	.....	.....	.....	9
41	electric motors 1950..	3	477	134	.....	.....	.....	.....	11
42	Other motors and engines used for pumping.....enterprises reporting 1950..	2	72	29	.....	1	4	.....	8
43	other motors and engines 1950..	2	76	30	.....	2	4	.....	8
Season of irrigation, 1949:									
44	Water delivered only before July 1.....enterprises reporting..	9	.....	2	.....	3	.....	1	.....
45	acres irrigated..	819	.....	357	.....	160	.....	50	.....
46	Water delivered before and after July 1.....enterprises reporting..	135	442	127	86	85	3	79	50
47	acres irrigated..	97,003	138,437	81,616	19,179	45,104	370	13,967	95,507
48	Water delivered only after July 1.....enterprises reporting..	.....	11	5	.....	1	1	2	3
49	acres irrigated..	.....	907	285	.....	50	49	102	1,441
Capital investment:									
50	Capital investment in irrigation works and water rights to Jan. 1, 1940.....dollars 1940..	7,926,549	7,205,136	2,700,860	213,145	199,077	10,667	248,679	3,817,541
New capital investment Jan. 1, 1940, to Jan. 1, 1950:									
51	Enterprises reporting.....enterprises 1950..	82	292	81	67	17	4	37	23
52	Amount.....dollars 1950..	200,801	1,356,075	278,625	67,546	11,197	14,366	91,296	92,565
53	Area irrigated direct.....acres 1949..	81,723	65,375	40,795	16,395	9,885	419	9,266	18,461
54	Total capital investment Jan. 1, 1950.....dollars 1950..	8,127,350	8,561,211	2,979,485	280,691	210,274	25,033	339,975	3,910,106
Indebtedness: <sup>3</sup>									
Outstanding bonds, construction cost, and other funded obligations, Jan. 1, 1950:									
55	Enterprises reporting.....enterprises 1950..	7	1	4	.....	.....	.....	.....	2
56	Amount.....dollars 1950..	4,879,816	306,824	339,100	.....	.....	.....	.....	9,589
57	1940..	6,047,546	672,382	432,595	.....	.....	.....	.....	168,951
58	Area irrigated direct.....acres 1949..	71,491	.....	26,807	.....	.....	.....	.....	6,824
Arrearage in payment of principal or interest on bonds, construction cost, and other funded obligations, Jan. 1, 1950:									
59	Enterprises reporting.....enterprises 1950..	.....	1	.....	.....	.....	.....	.....	.....
60	Amount.....dollars 1950..	.....	194,924	.....	.....	.....	.....	.....	.....
61	Area irrigated direct.....acres 1949..	.....	.....	.....	.....	.....	.....	.....	.....

\* Not available.

<sup>1</sup> Less than 0.5.<sup>2</sup> Pipelines in farm-distribution systems were included in 1940, not included in 1950.<sup>3</sup> Not reported in 1940 by enterprises serving less than 5 farms, nor in 1950 by single-farm enterprises.



## IRRIGATION OF AGRICULTURAL LANDS

County Table 2 (Part 3 of 4).—IRRIGATION ENTERPRISES: NUMBER AND

[Intercounty enterprises are included in each county in which they had irrigation works, but only once in State total. For intercounty and interstate enterprises,

Item (For definitions and explanations, see text)		The State	Adams	Alamosa	Arapahoe	Archuleta	Baca	Bent
<b>ALL ENTERPRISES</b>								
Cost of water to farms, 1949: <sup>1</sup>								
Total cost of water to farms:								
1	Enterprises reporting.....enterprises..	8,652	429	168	53	89	3	62
2	Cost.....dollars..	5,224,777	198,200	78,104	22,796	14,589	2,800	159,957
3	Area irrigated direct.....acres..	3,331,381	73,510	132,855	10,268	18,149	1,104	62,666
4	Cost per acre irrigated direct.....dollars..	1.57	2.70	0.59	2.22	0.80	2.54	2.55
5	Total cost per irrigated acre.....dollars..	1.77	3.31	0.73	2.36	0.85	2.54	2.66
6	Total cost per acre-foot of water.....dollars..	0.61	1.74	0.35	1.07	0.17	( <sup>3</sup> )	0.99
Enterprises by cost per acre:								
7	Less than \$1.00.....enterprises reporting..	4,506	79	116	27	75	1	19
8	.....acres irrigated..	1,810,021	20,961	125,161	1,835	13,384	25	3,379
9	\$1.00-\$1.99.....enterprises reporting..	1,030	39	12	6	4	.....	11
10	.....acres irrigated..	535,622	18,393	4,653	2,642	2,692	.....	7,057
11	\$2.00-\$4.99.....enterprises reporting..	1,741	114	23	9	8	1	20
12	.....acres irrigated..	847,448	27,468	1,944	5,624	2,003	1,039	51,304
13	\$5.00-\$9.99.....enterprises reporting..	785	83	10	4	2	1	8
14	.....acres irrigated..	115,924	4,557	401	143	70	40	643
15	\$10.00 and over.....enterprises reporting..	590	114	7	7	.....	.....	4
16	.....acres irrigated..	22,366	2,131	696	24	.....	.....	283
Cost of water for primary irrigation:								
17	Enterprises reporting.....enterprises..	6,926	340	100	44	87	3	43
18	Cost.....dollars..	4,566,249	171,533	63,043	20,157	14,096	2,800	153,823
19	Area supplied primary irrigation.....acres..	2,943,895	59,924	106,583	9,675	17,224	1,104	60,161
20	Cost per acre supplied.....dollars..	1.55	2.86	0.59	2.08	0.82	2.54	2.56
Cost of water for supplemental irrigation:								
21	Enterprises reporting.....enterprises..	2,417	111	83	13	8	.....	21
22	Cost.....dollars..	658,528	26,667	15,051	2,639	493	.....	6,134
23	Area supplied supplemental irrigation.....acres..	387,486	13,986	26,272	593	925	.....	2,905
24	Cost per acre supplied.....dollars..	1.70	1.96	0.57	4.45	0.53	.....	2.45
Cost to farms for purposes other than operation and maintenance: <sup>4</sup>								
25	Enterprises reporting.....enterprises..	376	18	6	2	11	.....	4
26	Cost.....dollars..	834,001	24,607	3,838	5,478	7,971	.....	46,450
27	Area irrigated direct.....acres..	883,152	35,241	26,506	4,724	5,768	.....	43,958
28	Cost per acre irrigated.....dollars..	0.94	0.70	0.14	1.16	1.38	.....	1.06
Arrearage in payments by farms, Jan. 1, 1950: <sup>4</sup>								
29	Enterprises reporting.....enterprises..	152	11	2	1	3	.....	3
30	Amount.....dollars..	385,481	2,531	656	837	357	.....	2,102
31	Area irrigated direct.....acres..	461,865	16,383	17,321	809	2,891	.....	42,181
<b>SINGLE-FARM ENTERPRISES, 1950</b>								
32	Single-farm enterprises.....enterprises..	6,856	403	131	40	63	3	60
33	Area irrigated.....acres..	931,763	23,234	33,103	2,152	7,530	65	5,935
34	Complete-system enterprises <sup>6</sup> .....enterprises..	5,758	243	111	37	57	2	41
35	Area irrigated.....acres..	821,785	14,481	28,994	1,734	6,827	65	4,967
Other farms irrigated:								
36	Enterprises reporting.....number..	227	13	1	1	6	.....	2
37	Number of other farms.....farms..	296	16	1	1	8	.....	5
38	Area irrigated in other farms.....acres..	19,905	842	40	50	216	.....	937
Enterprises by origin of water supply: <sup>6</sup>								
39	No water from other enterprises.....enterprises reporting..	6,140	251	116	37	57	3	51
40	.....acres irrigated..	825,909	14,481	29,019	1,734	6,827	65	4,967
41	Part of water from other enterprises.....enterprises reporting..	404	133	6	2	4	.....	3
42	.....acres irrigated..	77,489	6,731	2,305	258	449	.....	640
43	All of water from other enterprises.....enterprises reporting..	312	19	9	1	2	.....	6
44	.....acres irrigated..	28,365	2,022	1,779	160	254	.....	328
Enterprises by primary and supplemental irrigation:								
45	All primary.....enterprises reporting..	4,672	295	54	31	62	2	29
46	.....acres irrigated..	723,909	18,424	16,395	2,020	7,090	65	3,638
47	Part primary, part supplemental.....enterprises reporting..	165	12	5	.....	1	.....	1
48	.....acres irrigated..	11,320	406	353	.....	300	.....	20
49	Supplemental irrigation.....acres irrigated..	11,582	292	910	.....	140	.....	415
50	All supplemental.....enterprises reporting..	1,646	88	68	9	.....	.....	19
51	.....acres irrigated..	184,952	4,112	15,445	132	.....	.....	1,812
Enterprises by number of acres irrigated: <sup>6</sup>								
52	None.....enterprises reporting..	373	8	4	.....	.....	1	11
53	1-9 acres.....enterprises reporting..	727	118	10	14	7	.....	3
54	10-29 acres.....enterprises reporting..	1,013	85	26	7	13	1	10
55	30-59 acres.....enterprises reporting..	1,093	65	23	7	15	1	12
56	60-99 acres.....enterprises reporting..	1,130	48	18	5	7	.....	9
57	100-199 acres.....enterprises reporting..	1,454	53	26	3	8	.....	8
58	200-499 acres.....enterprises reporting..	783	26	16	3	11	.....	5
59	500-999 acres.....enterprises reporting..	182	.....	3	1	1	.....	1
60	1,000 acres or more.....enterprises reporting..	101	.....	5	.....	1	.....	1

See footnotes at end of County Table 2, Part 3.

CHARACTERISTICS, BY COUNTIES: CENSUSES OF 1950 AND 1940

data represent characteristics within the county or State, except where otherwise noted. Acreage irrigated direct by 2 or more enterprises is counted for each enterprise]

Boulder	Chaffee	Clear Creek	Conejos	Costilla	Crowley	Custer	Delta	Denver	Dolores	Douglas	Eagle	Elbert	
164	113	3	258	52	30	138	368	20	11	64	156	16	1
120,521	11,424	0	103,986	62,922	175,458	1,300	239,669	1,667	740	9,311	8,694	3,550	2
91,076	21,122	140	181,422	43,261	42,078	29,607	104,252	266	1,134	5,396	31,232	1,151	3
1.32	0.54	0.00	0.57	1.45	4.17	0.04	2.30	6.27	0.65	1.73	0.28	3.08	4
1.52	0.63	0.00	0.73	1.52	4.24	0.05	2.70	6.27	0.65	1.89	0.28	3.08	5
0.89	0.13	0.00	0.32	0.80	1.70	0.05	0.66	1.96	( <sup>3</sup> )	( <sup>3</sup> )	0.07	( <sup>3</sup> )	6
109	80	3	196	33	6	136	210	1	9	36	132	5	7
55,001	17,685	140	163,132	15,073	362	29,307	38,928	48	984	2,358	29,028	365	8
15	24	.....	27	13	.....	2	51	1	7	.....	8	.....	9
15,221	3,081	.....	10,327	13,786	362	.....	17,478	119	110	603	1,411	.....	10
26	6	.....	23	1	16	2	60	.....	.....	12	8	5	11
20,253	304	.....	6,664	13,910	32,071	300	40,755	.....	.....	2,181	613	639	12
6	2	.....	8	3	4	.....	32	.....	1	4	4	3	13
443	22	.....	613	242	9,179	.....	6,575	.....	40	188	136	120	14
8	1	.....	4	2	2	.....	15	18	.....	5	4	3	15
158	30	.....	686	250	104	.....	516	99	.....	66	44	27	16
151	107	3	210	47	30	136	325	20	11	63	150	16	17
104,523	9,844	0	76,243	62,247	172,907	1,237	204,386	1,667	740	9,255	8,501	3,590	18
79,426	18,055	140	142,932	41,421	41,368	28,245	88,914	266	1,134	4,921	30,515	1,151	19
1.32	0.55	0.00	0.53	1.50	4.18	0.04	2.30	6.27	0.65	1.88	0.28	3.08	20
53	20	.....	104	13	1	9	123	.....	.....	2	13	.....	21
15,998	1,580	.....	27,743	675	2,551	63	35,283	.....	.....	56	193	.....	22
11,650	3,067	.....	38,490	1,840	710	1,362	15,338	.....	.....	475	717	.....	23
1.37	0.52	.....	0.72	0.37	3.59	0.05	2.30	.....	.....	0.12	0.27	.....	24
26	.....	.....	9	.....	2	.....	73	1	.....	1	1	.....	25
42,495	.....	.....	4,711	.....	13,586	.....	75,305	102	.....	1,600	244	.....	26
28,821	.....	.....	11,470	.....	5,328	.....	59,031	119	.....	1,263	715	.....	27
1.47	.....	.....	0.41	.....	2.55	.....	1.28	0.86	.....	1.27	0.34	.....	28
16	.....	.....	10	1	2	.....	22	1	.....	.....	.....	.....	29
4,900	.....	.....	2,986	2,380	57,197	.....	9,236	148	.....	.....	.....	.....	30
16,589	.....	.....	19,380	.....	13,398	.....	35,566	119	.....	.....	.....	.....	31
58	53	3	122	14	11	109	183	17	10	63	115	16	32
3,634	5,136	140	18,162	4,417	1,350	23,510	12,102	69	719	4,133	13,854	1,151	33
44	53	3	74	9	11	107	140	17	9	60	90	16	34
2,254	5,136	140	14,013	3,925	1,350	23,464	9,417	69	679	3,990	11,228	1,151	35
2	2	.....	2	1	1	.....	6	.....	1	2	1	.....	36
2	2	.....	2	1	1	.....	9	.....	1	2	2	.....	37
62	33	.....	285	30	15	.....	271	.....	50	40	450	.....	38
44	53	3	92	9	11	107	144	17	9	61	91	16	39
2,254	5,136	140	14,013	3,925	1,350	23,464	9,408	69	679	4,090	11,217	1,151	40
7	.....	.....	7	5	.....	.....	31	.....	1	.....	24	.....	41
1,004	.....	.....	2,073	492	.....	.....	2,499	.....	40	.....	2,637	.....	42
7	.....	.....	23	.....	.....	2	8	.....	.....	2	.....	.....	43
376	.....	.....	2,076	.....	.....	46	195	.....	.....	43	.....	.....	44
48	49	3	56	12	11	109	141	17	10	61	109	16	45
2,460	4,669	140	8,756	4,172	1,350	23,510	10,202	69	719	3,513	13,438	1,151	46
3	1	.....	13	.....	.....	.....	6	.....	.....	1	1	.....	47
61	15	.....	1,476	.....	.....	.....	236	.....	.....	145	42	.....	48
26	80	.....	598	.....	.....	.....	442	.....	.....	455	3	.....	49
7	3	.....	35	2	.....	.....	31	.....	.....	1	5	.....	50
1,087	372	.....	7,332	245	.....	.....	1,222	.....	.....	20	371	.....	51
12	7	.....	18	.....	.....	.....	5	.....	.....	.....	.....	.....	52
13	11	.....	6	.....	1	.....	31	15	1	7	6	3	53
15	10	2	9	1	2	9	43	2	.....	15	24	7	54
8	10	1	23	2	2	9	38	.....	3	19	23	2	55
7	8	.....	15	6	3	19	25	.....	3	5	19	2	56
2	5	.....	15	1	2	26	30	.....	3	15	30	.....	57
1	1	.....	29	1	.....	39	8	.....	.....	1	10	1	58
.....	.....	.....	6	1	1	4	3	.....	.....	1	1	1	59
.....	1	.....	1	2	.....	3	.....	.....	.....	.....	2	.....	60

IRRIGATION OF AGRICULTURAL LANDS

County Table 2 (Part 3 of 4).—IRRIGATION ENTERPRISES: NUMBER AND

[Intercounty enterprises are included in each county in which they had irrigation works, but only once in State total. For intercounty and interstate enterprises,

Item (For definitions and explanations, see text)		El Paso	Fremont	Garfield	Grand	Gunnison	Hinsdale	Huerfano
<b>ALL ENTERPRISES</b>								
Cost of water to farms, 1949: <sup>1</sup>								
Total cost of water to farms:								
1	Enterprises reporting.....enterprises..	85	147	271	154	253	24	183
2	Cost.....dollars..	33,394	44,738	58,966	23,739	37,768	894	14,918
3	Area irrigated direct.....acres..	15,605	20,763	63,673	44,151	65,351	4,506	22,947
4	Cost per acre irrigated direct.....dollars..	2.14	2.15	0.93	0.54	0.58	0.20	0.65
5	Total cost per irrigated acre.....dollars..	2.32	2.35	0.98	0.57	0.60	0.21	0.82
6	Total cost per acre-foot of water <sup>2</sup> .....dollars..	1.22	0.69	0.23	0.10	0.16	0.03	0.23
Enterprises by cost per acre:								
7	Less than \$1.00.....enterprises reporting..	39	102	215	141	206	23	141
8	.....acres irrigated..	5,660	9,280	40,260	37,893	56,242	4,256	20,373
9	\$1.00-\$1.99.....enterprises reporting..	8	8	24	5	28	1	19
10	.....acres irrigated..	3,467	2,216	12,744	3,891	6,202	250	1,742
11	\$2.00-\$4.99.....enterprises reporting..	17	17	23	4	15	.....	13
12	.....acres irrigated..	5,627	6,938	10,560	177	2,586	.....	332
13	\$5.00-\$9.99.....enterprises reporting..	12	8	3	3	2	.....	5
14	.....acres irrigated..	493	909	9	1,790	225	.....	178
15	\$10.00 and over.....enterprises reporting..	9	12	6	1	2	.....	5
16	.....acres irrigated..	358	1,420	100	400	96	.....	322
Cost of water for primary irrigation:								
17	Enterprises reporting.....enterprises..	77	138	263	146	251	24	174
18	Cost.....dollars..	30,763	42,546	57,471	22,847	37,268	791	13,122
19	Area supplied primary irrigation.....acres..	14,409	19,043	60,423	41,926	63,069	4,226	18,269
20	Cost per acre supplied.....dollars..	2.13	2.23	0.95	0.54	0.59	0.19	0.72
Cost of water for supplemental irrigation:								
21	Enterprises reporting.....enterprises..	11	13	34	10	14	1	46
22	Cost.....dollars..	2,631	2,192	1,495	892	500	103	1,796
23	Area supplied supplemental irrigation.....acres..	1,196	1,720	3,250	2,225	2,282	280	4,678
24	Cost per acre supplied.....dollars..	2.20	1.27	0.46	0.40	0.22	0.37	0.38
Cost to farms for purposes other than operation and maintenance: <sup>4</sup>								
25	Enterprises reporting.....enterprises..	2	3	7	2	7	.....	.....
26	Cost.....dollars..	3,704	2,653	8,080	3,009	4,066	.....	.....
27	Area irrigated direct.....acres..	6,381	1,040	4,964	3,306	3,044	.....	.....
28	Cost per acre irrigated.....dollars..	0.58	2.55	1.66	0.91	1.34	.....	.....
Arrearage in payments by farms, Jan. 1, 1950: <sup>4</sup>								
29	Enterprises reporting.....enterprises..	2	6	4	1	1	.....	.....
30	Amount.....dollars..	2,649	7,934	14,592	352	100	.....	.....
31	Area irrigated direct.....acres..	6,381	3,007	9,500	2,221	1,133	.....	.....
<b>SINGLE-FARM ENTERPRISES, 1950</b>								
32	Single-farm enterprises.....enterprises..	81	117	171	137	151	18	101
33	Area irrigated.....acres..	7,725	7,462	13,956	34,142	29,303	2,226	8,234
34	Complete-system enterprises <sup>6</sup> .....enterprises..	73	105	155	119	144	18	93
35	Area irrigated.....acres..	7,052	6,883	12,660	28,580	27,843	2,226	7,245
Other farms irrigated:								
36	Enterprises reporting.....number..	3	6	3	1	1	.....	2
37	Number of other farms.....farms..	3	6	3	1	3	.....	2
38	Area irrigated in other farms.....acres..	37	257	171	100	313	.....	175
Enterprises by origin of water supply: <sup>6</sup>								
39	No water from other enterprises.....enterprises reporting..	75	105	155	118	147	18	95
40	.....acres irrigated..	7,052	6,763	12,660	28,430	28,303	2,226	7,245
41	Part of water from other enterprises.....enterprises reporting..	2	1	8	14	1	.....	2
42	.....acres irrigated..	108	70	916	4,492	540	.....	815
43	All of water from other enterprises.....enterprises reporting..	4	11	8	5	3	.....	4
44	.....acres irrigated..	565	629	380	1,220	460	.....	174
Enterprises by primary and supplemental irrigation:								
45	All primary.....enterprises reporting..	71	107	159	129	149	18	92
46	.....acres irrigated..	7,305	6,732	12,716	32,966	28,802	2,226	7,257
47	Part primary, part supplemental.....enterprises reporting..	.....	.....	5	.....	.....	.....	2
48	Primary irrigation.....acres irrigated..	.....	.....	63	.....	.....	.....	92
49	Supplemental irrigation.....acres irrigated..	.....	.....	495	.....	.....	.....	47
50	All supplemental.....enterprises reporting..	8	9	7	8	2	.....	5
51	.....acres irrigated..	420	730	682	1,176	501	.....	837
Enterprises by number of acres irrigated: <sup>6</sup>								
52	None.....enterprises reporting..	2	1	.....	.....	.....	.....	2
53	1-9 acres.....enterprises reporting..	12	19	24	3	8	.....	10
54	10-29 acres.....enterprises reporting..	25	35	37	2	10	2	31
55	30-59 acres.....enterprises reporting..	11	22	30	21	27	2	23
56	60-99 acres.....enterprises reporting..	9	23	29	21	23	6	12
57	100-199 acres.....enterprises reporting..	13	11	31	29	22	4	9
58	200-499 acres.....enterprises reporting..	6	4	20	44	46	4	13
59	500-999 acres.....enterprises reporting..	1	1	.....	14	13	.....	1
60	1,000 acres or more.....enterprises reporting..	2	1	.....	3	2	.....	.....

See footnotes at end of County Table 2, Part 3.

CHARACTERISTICS, BY COUNTIES: CENSUSES OF 1950 AND 1940—Continued

data represent characteristics within the county or State, except where otherwise noted. Acreage irrigated direct by 2 or more enterprises is counted for each enterprise]

Jackson	Jefferson	Kit Carson	Lake	La Plata	Larimer	Las Animas	Lincoln	Logan	Mesa	Mineral	Moffat	Montezuma	
169	141	7	19	163	370	152	15	143	255	4	97	118	1
37,834	61,732	7,111	1,600	107,299	318,283	65,738	5,936	123,680	229,951	0	13,001	105,822	2
155,478	37,356	1,480	6,679	85,653	131,398	31,385	1,263	81,810	119,033	860	18,050	57,414	3
0.24	1.65	4.80	0.24	1.25	2.42	2.09	4.70	1.51	1.93	0.00	0.72	1.84	4
0.27	1.96	4.80	0.24	1.38	2.80	2.28	5.15	1.61	2.05	0.00	0.81	1.94	5
0.06	0.89	( <sup>2</sup> )	( <sup>2</sup> )	0.48	1.40	0.76	( <sup>3</sup> )	0.64	0.47	0.00	0.26	0.65	6
156	64	.....	18	115	173	81	3	55	168	4	72	74	7
151,169	13,377	.....	6,329	39,194	39,283	13,780	210	30,896	60,298	860	13,386	13,139	8
4	24	1	.....	28	47	27	2	31	30	.....	11	16	9
1,959	12,986	200	.....	34,017	39,971	9,948	250	22,130	35,423	.....	3,431	3,891	10
8	26	3	.....	16	82	20	4	28	18	.....	9	17	11
2,250	8,696	710	.....	12,256	48,553	5,329	638	28,033	7,878	.....	982	39,462	12
.....	12	2	1	4	37	12	2	14	13	.....	3	4	13
.....	2,212	560	350	186	2,183	1,304	75	536	15,190	.....	171	445	14
1	15	1	.....	.....	31	12	4	15	26	.....	2	7	15
100	85	10	.....	.....	1,008	1,024	90	215	244	.....	80	477	16
159	119	7	19	155	289	146	14	101	246	3	93	105	17
35,510	50,901	7,111	1,600	97,519	276,445	63,234	5,936	117,946	221,850	0	11,133	101,464	18
141,933	31,485	1,480	6,679	77,616	113,525	28,885	1,153	76,837	112,298	560	16,119	54,498	19
0.25	1.62	4.80	0.24	1.26	2.44	2.19	5.15	1.54	1.98	0.00	0.69	1.86	20
18	45	.....	.....	31	110	20	1	55	32	1	10	20	21
2,324	10,831	.....	.....	9,780	41,838	2,504	0	5,734	8,101	0	1,868	4,358	22
13,525	5,871	.....	.....	8,037	17,873	2,500	110	4,973	6,735	300	1,931	2,916	23
0.17	1.84	.....	.....	1.22	2.34	1.00	0.00	1.15	1.20	0.00	0.97	1.49	24
1	18	.....	.....	37	28	1	.....	5	23	.....	1	8	25
400	12,867	.....	.....	50,079	115,392	250	.....	773	45,058	.....	294	1,625	26
1,700	20,383	.....	.....	54,047	78,738	735	.....	10,724	36,214	.....	1,823	2,898	27
0.24	0.63	.....	.....	0.93	1.47	0.34	.....	0.07	1.24	.....	0.16	0.56	28
.....	14	.....	.....	17	3	6	.....	.....	4	.....	1	8	29
.....	8,238	.....	.....	3,381	365	4,488	.....	.....	4,521	.....	304	3,568	30
.....	13,490	.....	.....	41,052	7,998	5,156	.....	.....	11,478	.....	220	39,451	31
93	85	7	15	84	315	107	15	134	161	3	77	76	32
85,581	3,081	1,480	5,949	5,999	30,067	10,325	1,263	7,887	17,710	560	9,957	5,954	33
90	69	7	14	78	286	90	15	117	112	3	76	57	34
84,986	2,325	1,480	4,949	5,610	27,421	8,549	1,263	7,762	14,413	560	9,717	3,917	35
1	2	.....	.....	4	8	4	.....	4	3	.....	2	2	36
1	14	.....	.....	4	8	6	.....	4	3	.....	2	2	37
160	323	.....	.....	44	683	52	.....	282	391	.....	233	45	38
91	70	7	15	81	287	91	15	133	116	3	76	58	39
84,956	2,325	1,480	5,949	5,899	27,420	8,549	1,263	7,762	14,424	560	9,717	4,082	40
1	5	.....	.....	2	8	4	.....	1	10	.....	.....	11	41
70	103	.....	.....	85	1,571	582	.....	125	2,780	.....	.....	1,054	42
1	10	.....	.....	1	20	12	.....	.....	35	.....	1	7	43
555	653	.....	.....	15	1,076	1,194	.....	.....	506	.....	240	818	44
88	58	7	15	78	223	101	14	69	149	3	72	63	45
81,158	2,264	1,480	5,949	5,671	20,732	9,842	1,153	4,845	15,599	560	9,214	4,437	46
1	5	.....	.....	.....	9	3	.....	7	1	.....	1	1	47
1,243	453	.....	.....	.....	283	113	.....	238	2	.....	50	20	48
757	118	.....	.....	.....	538	54	.....	181	5	.....	35	40	49
4	22	.....	.....	5	81	2	.....	42	9	.....	4	12	50
2,423	246	.....	.....	328	8,514	316	110	2,623	2,104	.....	658	1,457	51
.....	.....	.....	.....	1	2	1	.....	16	2	.....	.....	.....	52
.....	37	.....	1	8	58	13	.....	14	35	.....	2	5	53
2	24	1	3	26	41	26	.....	33	29	.....	10	15	54
4	8	.....	1	24	47	20	.....	21	24	.....	15	15	55
7	7	.....	.....	12	49	12	5	20	19	.....	18	25	56
12	5	1	.....	10	74	21	3	26	32	2	15	57	57
19	4	5	.....	2	35	12	.....	3	13	1	12	5	58
23	.....	3	.....	.....	9	.....	.....	.....	4	.....	5	1	59
26	.....	2	.....	1	.....	2	.....	.....	3	.....	.....	.....	60

IRRIGATION OF AGRICULTURAL LANDS

County Table 2 (Part 3 of 4).—IRRIGATION ENTERPRISES: NUMBER AND

[Intercounty enterprises are included in each county in which they had irrigation works, but only once in State total. For intercounty and interstate enterprises,

Item (For definitions and explanations, see text)		Montrose	Morgan	Otero	Ouray	Park	Phillips	Pitkin	Prowers
<b>ALL ENTERPRISES</b>									
Cost of water to farms, 1949: <sup>1</sup>									
Total cost of water to farms:									
1	Enterprises reporting.....enterprises..	141	452	138	86	88	5	81	55
2	Cost.....dollars..	215,806	382,999	178,948	14,013	2,570	1,910	6,171	250,499
3	Area irrigated direct.....acres..	97,822	139,344	82,566	19,179	45,314	2,069	14,610	98,128
4	Cost per acre irrigated direct.....dollars..	2.21	2.75	2.16	0.73	0.06	0.92	0.42	2.55
5	Total cost per irrigated acre.....dollars..	2.25	3.38	2.38	0.79	0.06	0.92	0.44	2.60
6	Total cost per acre-foot of water.....dollars..	0.50	1.13	0.57	0.20	0.05	( <sup>2</sup> )	0.06	0.93
Enterprises by cost per acre:									
7	Less than \$1.00.....enterprises reporting..	88	42	33	62	86	1	68	15
8	acres irrigated..	16,800	33,948	18,805	14,305	44,964	1,650	13,353	16,555
9	\$1.00-\$1.99.....enterprises reporting..	16	76	21	15	.....	.....	9	9
10	acres irrigated..	5,752	41,291	17,207	2,736	.....	.....	882	13,332
11	\$2.00-\$4.99.....enterprises reporting..	29	204	39	8	2	3	4	23
12	acres irrigated..	75,096	40,818	44,728	2,038	350	374	375	67,961
13	\$5.00-\$9.99.....enterprises reporting..	5	99	33	1	.....	.....	.....	4
14	acres irrigated..	749	20,628	1,688	100	.....	.....	.....	242
15	\$10.00 and over.....enterprises reporting..	3	31	12	.....	.....	1	.....	4
16	acres irrigated..	145	2,659	138	.....	.....	45	.....	38
Cost of water for primary irrigation:									
17	Enterprises reporting.....enterprises..	130	314	65	85	86	5	80	52
18	Cost.....dollars..	211,663	323,100	158,175	13,711	2,524	1,910	6,018	246,454
19	Area supplied primary irrigation.....acres..	95,947	113,441	75,175	17,720	44,774	2,069	14,125	96,263
20	Cost per acre supplied.....dollars..	2.21	2.85	2.10	0.77	0.06	0.92	0.43	2.56
Cost of water for supplemental irrigation:									
21	Enterprises reporting.....enterprises..	19	156	81	13	3	.....	6	9
22	Cost.....dollars..	4,143	59,899	20,373	302	46	.....	153	4,045
23	Area supplied supplemental irrigation.....acres..	1,875	25,903	7,391	1,459	540	.....	485	1,865
24	Cost per acre supplied.....dollars..	2.21	2.31	2.76	0.21	0.09	.....	0.32	2.17
Cost to farms for purposes other than operation and maintenance: <sup>4</sup>									
25	Enterprises reporting.....enterprises..	22	6	4	.....	.....	.....	1	4
26	Cost.....dollars..	27,714	25,359	23,285	.....	.....	.....	131	27,265
27	Area irrigated direct.....acres..	78,875	12,550	29,239	.....	.....	.....	388	25,348
28	Cost per acre irrigated.....dollars..	0.35	2.02	0.80	.....	.....	.....	0.34	1.08
Arrearage in payments by farms, Jan. 1, 1950: <sup>4</sup>									
29	Enterprises reporting.....enterprises..	4	6	3	.....	.....	.....	.....	2
30	Amount.....dollars..	25,544	195,639	550	.....	.....	.....	.....	508
31	Area irrigated direct.....acres..	62,308	13,471	14,772	.....	.....	.....	.....	20,704
<b>SINGLE-FARM ENTERPRISES, 1950</b>									
32	Single-farm enterprises.....enterprises..	89	428	130	43	83	5	52	23
33	Area irrigated.....acres..	8,700	62,120	10,746	6,043	42,324	2,069	5,944	2,108
34	Complete-system enterprises <sup>5</sup> .....enterprises..	75	402	113	42	78	5	48	19
35	Area irrigated.....acres..	6,686	60,953	8,324	5,743	36,004	2,069	5,684	1,733
Other farms irrigated:									
36	Enterprises reporting.....number..	5	52	7	.....	.....	1	1	2
37	Number of other farms.....farms..	6	79	7	.....	.....	1	1	2
38	Area irrigated in other farms.....acres..	308	5,348	971	.....	.....	7	160	108
Enterprises by origin of water supply: <sup>6</sup>									
39	No water from other enterprises.....enterprises reporting..	76	417	116	42	78	5	49	20
40	acres irrigated..	6,686	60,978	8,324	5,743	36,004	2,069	5,684	1,733
41	Part of water from other enterprises.....enterprises reporting..	6	2	4	.....	5	.....	2	1
42	acres irrigated..	1,046	723	809	.....	6,320	.....	194	.....
43	All of water from other enterprises.....enterprises reporting..	7	9	10	1	.....	.....	1	2
44	acres irrigated..	968	419	1,613	300	.....	.....	66	375
Enterprises by primary and supplemental irrigation:									
45	All primary.....enterprises reporting..	81	265	49	43	82	5	49	18
46	acres irrigated..	8,540	37,794	3,874	6,043	41,824	2,069	5,674	1,758
47	Part primary, part supplemental.....enterprises reporting..	1	12	4	.....	1	.....	.....	.....
48	Primary irrigation.....acres irrigated..	20	811	516	.....	400	.....	160	.....
49	Supplemental irrigation.....acres irrigated..	20	751	183	.....	100	.....	10	.....
50	All supplemental.....enterprises reporting..	6	137	73	.....	.....	.....	1	3
51	acres irrigated..	120	22,764	6,173	.....	.....	.....	100	350
Enterprises by number of acres irrigated: <sup>6</sup>									
52	None.....enterprises reporting..	1	14	4	.....	.....	.....	1	2
53	1-9 acres.....enterprises reporting..	10	3	26	5	2	.....	3	5
54	10-29 acres.....enterprises reporting..	19	21	18	7	9	.....	7	5
55	30-59 acres.....enterprises reporting..	22	29	22	2	7	2	9	.....
56	60-99 acres.....enterprises reporting..	12	65	25	11	13	.....	10	3
57	100-199 acres.....enterprises reporting..	11	204	22	13	9	1	15	5
58	200-499 acres.....enterprises reporting..	9	90	11	2	17	1	6	3
59	500-999 acres.....enterprises reporting..	5	2	2	2	19	.....	1	.....
60	1,000 acres or more.....enterprises reporting..	.....	.....	.....	1	7	1	.....	.....

<sup>1</sup>Enterprises with reported cost of \$0 in 1949 are included.

<sup>2</sup>Average cost per irrigated acre divided by calculated average quantity of water per acre. (County Table 2, Part 4, line 66.)

<sup>3</sup>Average not given because number of enterprises reporting quantity of water was not sufficient to provide satisfactory data.

<sup>4</sup>Not reported by single-farm enterprises.

<sup>5</sup>Data for less than 3 enterprises not shown separately.

<sup>6</sup>For intercounty and interstate enterprises, number of enterprises represents characteristics of the entire enterprise, number of acres represents acreage within the county or State.



CHARACTERISTICS, BY COUNTIES: CENSUSES OF 1950 AND 1940—Continued

data represent characteristics within the county or State, except where otherwise noted. Acreage irrigated direct by 2 or more enterprises is counted for each enterprise.]

Pueblo	Rio Blanco	Rio Grande	Routt	Saguache	San Miguel	Sedgwick	Summit	Teller	Washington	Weld	Yuma	All other counties	
356	132	242	248	192	29	41	44	12	62	1,379	21	2	1
173,478	22,625	167,955	14,929	110,993	25,050	37,791	7,581	320	22,193	1,072,911	8,273	70	2
56,831	32,356	167,889	48,802	180,935	17,508	22,221	8,828	1,110	10,943	467,508	1,784	90	3
3.05	0.70	1.00	0.31	0.61	1.43	1.70	0.86	0.29	2.03	2.29	4.64	0.78	4
3.43	0.71	1.21	0.32	0.65	1.67	1.85	0.86	0.54	2.44	2.88	4.73	0.78	5
1.11	0.09	0.48	0.06	0.32	0.93	1.09	( <sup>3</sup> )	( <sup>3</sup> )	1.31	1.31	( <sup>3</sup> )	( <sup>3</sup> )	6
94	95	137	231	160	19	7	35	10	17	233	8	1	7
14,124	22,823	146,080	49,152	169,828	10,166	3,106	6,636	905	6,134	151,924	352	70	8
28	16	47	6	11	1	7	6	2	13	239	.....	.....	9
1,632	8,215	12,811	1,561	2,057	310	15,560	1,880	205	2,769	114,769	.....	.....	10
124	12	30	7	12	7	19	2	.....	15	575	4	1	11
33,765	876	6,681	1,719	6,593	6,762	2,994	186	.....	1,212	165,901	560	20	12
62	8	19	1	3	.....	5	.....	.....	9	219	6	.....	13
5,446	423	1,449	40	960	.....	516	.....	.....	512	32,114	829	.....	14
48	1	9	3	6	.....	3	1	.....	8	113	3	.....	15
1,864	19	868	330	1,537	270	45	126	.....	296	2,800	43	.....	16
241	129	141	245	171	28	26	44	9	50	706	19	2	17
147,446	22,485	128,000	14,758	94,339	23,783	34,677	7,581	203	19,252	825,918	8,273	70	18
50,534	31,959	138,514	46,377	170,916	14,969	20,414	8,828	590	9,105	372,724	1,749	90	19
2.92	0.70	0.92	0.32	0.55	1.59	1.70	0.86	0.34	1.91	2.22	4.73	0.78	20
136	5	133	12	33	4	17	.....	5	14	758	2	.....	21
26,032	140	39,955	171	16,654	1,267	3,114	.....	117	2,941	247,093	0	.....	22
6,297	397	29,375	2,425	10,019	2,539	1,807	.....	520	1,838	94,784	35	.....	23
4.13	0.35	1.36	0.07	1.66	0.50	1.72	.....	0.22	1.60	2.61	0.00	.....	24
9	3	5	2	2	6	2	.....	.....	.....	51	.....	.....	25
17,223	2,124	3,567	300	923	15,676	10,620	.....	.....	.....	205,177	.....	.....	26
7,354	6,818	10,685	1,823	22,844	6,909	1,575	.....	.....	.....	229,803	.....	.....	27
2.34	0.31	0.33	0.16	0.04	2.27	6.74	.....	.....	.....	0.89	.....	.....	28
5	.....	3	1	.....	2	.....	.....	.....	2	7	.....	.....	29
24,395	.....	202	1,296	.....	2,327	.....	.....	.....	69	1,129	.....	.....	30
10,348	.....	7,262	921	.....	6,588	.....	.....	.....	1,353	18,414	.....	.....	31
272	104	351	166	227	18	38	44	10	53	1,301	19	( <sup>3</sup> ) 2	32
19,152	15,519	36,084	21,741	108,723	4,604	3,555	8,828	720	5,349	117,226	861	( <sup>3</sup> )	33
254	99	165	148	140	17	36	44	10	50	1,161	19	( <sup>3</sup> ) 2	34
18,215	13,783	31,659	19,081	81,722	4,004	3,555	8,828	720	4,742	108,004	861	( <sup>3</sup> )	35
13	1	7	4	2	.....	1	.....	.....	8	35	1	.....	36
18	1	8	4	2	.....	2	.....	.....	8	41	1	.....	37
682	100	468	150	800	.....	18	.....	.....	530	3,648	20	.....	38
258	102	334	149	193	18	38	44	10	50	1,208	19	( <sup>3</sup> ) 2	39
18,215	15,124	31,677	19,091	82,102	4,604	3,555	8,828	720	4,742	108,025	861	( <sup>3</sup> )	40
4	1	13	11	32	.....	.....	.....	.....	1	34	.....	.....	41
167	115	4,048	2,133	26,354	.....	.....	.....	.....	147	2,994	.....	.....	42
10	1	4	6	2	.....	.....	.....	.....	2	59	.....	.....	43
770	280	359	517	267	.....	.....	.....	.....	460	6,207	.....	.....	44
140	99	77	166	150	17	20	44	7	39	544	17	( <sup>3</sup> ) 2	45
12,792	15,169	16,121	21,741	104,593	3,404	1,827	8,828	365	3,293	44,595	826	( <sup>3</sup> )	46
15	1	7	.....	5	.....	1	.....	.....	2	36	.....	.....	47
648	53	476	.....	720	.....	26	.....	.....	218	1,660	.....	.....	48
983	17	778	.....	612	.....	17	.....	.....	304	2,176	.....	.....	49
113	2	99	.....	20	.....	15	.....	3	12	672	2	.....	50
4,729	280	18,709	.....	2,798	1,200	1,685	.....	355	1,534	68,795	35	.....	51
4	2	168	.....	52	.....	2	.....	.....	.....	49	.....	.....	52
60	4	16	5	7	1	4	.....	.....	1	81	3	.....	53
60	13	16	26	9	3	4	4	2	8	143	6	1	54
73	15	31	32	14	3	8	9	3	8	211	4	.....	55
30	17	25	33	18	1	9	6	3	16	329	3	1	56
27	32	43	30	43	3	5	9	2	13	399	3	.....	57
11	15	40	31	35	2	5	12	.....	7	82	.....	.....	58
5	4	7	8	25	3	.....	3	.....	.....	6	.....	.....	59
2	2	5	1	24	2	1	1	.....	.....	1	.....	.....	60

IRRIGATION OF AGRICULTURAL LANDS

County Table 2 (Part 4 of 4).—IRRIGATION ENTERPRISES: NUMBER AND

[Intercounty enterprises are counted in each county in which they had irrigation works, but only once]

Item (For definitions and explanations, see text)		The State	Adams	Alamosa	Arapahoe	Archuleta	Bent	Boulder	Chaffee	Conejos
<b>MULTIPLE-FARM ENTERPRISES, 1950</b>										
1	Multiple-farm enterprises, total number <sup>1</sup> .....enterprises..	2,302	34	41	13	26	13	109	61	157
2	Area irrigated direct.....acres..	2,399,618	50,276	99,752	8,116	10,619	56,731	87,442	15,986	163,260
3	Multiple-purpose enterprises <sup>2</sup> .....enterprises..	27	.....	.....	.....	1	.....	2	.....	.....
4	Area irrigated direct.....acres..	53,092	.....	.....	.....	50	.....	212	81	.....
5	Complete-system enterprises <sup>1</sup> .....enterprises..	1,385	5	5	9	17	2	68	60	86
6	Area irrigated direct.....acres..	997,098	4,122	49,236	5,851	5,699	365	37,760	15,986	80,413
<b>Enterprises by origin of water supply:<sup>1</sup></b>										
7	No water from other enterprises.....enterprises reporting..	1,665	10	10	12	22	5	84	58	107
8	acres irrigated..	1,262,246	18,129	60,894	7,916	6,898	8,985	63,062	13,517	100,692
9	Part of water from other enterprises.....enterprises reporting..	235	3	6	1	1	1	4	3	15
10	acres irrigated..	694,192	11,440	26,548	200	2,400	35,453	3,988	2,469	37,272
11	All water from other enterprises.....enterprises reporting..	402	21	25	.....	3	7	21	.....	35
12	acres irrigated..	443,180	20,707	12,310	.....	1,321	12,293	20,392	.....	25,296
<b>Enterprises by delivery of irrigation water:<sup>1</sup></b>										
13	No water delivered.....enterprises reporting..	3	.....	.....	.....	.....	.....	.....	.....	1
14	Water delivered direct to farms only.....enterprises reporting..	1,810	12	29	6	19	9	81	60	125
15	acres irrigated..	1,092,613	6,634	21,156	790	6,900	12,658	43,520	15,986	97,398
16	Water delivered to farms and to other enterprises.....enterprises reporting..	359	22	12	7	7	4	25	.....	29
17	acres irrigated..	1,307,005	43,642	78,596	7,326	3,719	44,073	43,922	.....	65,862
18	Water delivered to other enterprises only.....enterprises reporting..	130	.....	.....	.....	.....	.....	3	1	2
<b>Enterprises by primary and supplemental irrigation:<sup>2</sup></b>										
19	All primary.....enterprises reporting..	1,563	23	31	9	19	12	63	44	98
20	acres irrigated..	1,380,382	22,466	37,302	6,020	8,785	52,364	37,405	10,162	84,825
21	Part primary, part supplemental.....enterprises reporting..	526	10	10	4	5	.....	37	13	43
22	acres irrigated..	828,284	18,628	52,533	1,635	1,045	4,139	39,500	3,209	47,875
23	Supplemental irrigation.....acres irrigated..	167,497	9,082	9,917	461	500	228	9,541	2,121	26,151
24	All supplemental.....enterprises reporting..	80	1	.....	.....	2	.....	6	3	13
25	acres irrigated..	23,455	100	.....	.....	285	.....	996	494	4,409
<b>Enterprises by number of farms irrigated direct:<sup>1</sup></b>										
26	None.....enterprises reporting..	133	.....	.....	.....	.....	.....	3	1	3
27	1-3.....enterprises reporting..	934	.....	20	2	14	2	25	39	55
28	4-9.....enterprises reporting..	663	5	9	3	8	5	33	18	62
29	10-29.....enterprises reporting..	385	13	5	4	3	3	31	3	28
30	30-99.....enterprises reporting..	150	11	3	2	1	2	14	.....	7
31	100-299.....enterprises reporting..	28	4	3	2	.....	.....	2	.....	2
32	300-999.....enterprises reporting..	8	1	1	.....	.....	.....	1	.....	.....
33	1,000 or more.....enterprises reporting..	1	.....	.....	.....	.....	.....	.....	.....	.....
<b>Enterprises by acres irrigated direct:<sup>1</sup></b>										
34	None.....enterprises reporting..	133	.....	.....	.....	.....	.....	3	1	3
35	1-99 acres.....enterprises reporting..	404	2	.....	2	5	.....	23	22	15
36	100-999 acres.....enterprises reporting..	1,282	13	25	5	19	3	49	36	98
37	1,000-2,999 acres.....enterprises reporting..	337	8	6	4	1	8	27	2	27
38	3,000-9,999 acres.....enterprises reporting..	117	8	5	2	1	1	5	.....	12
39	10,000-29,999 acres.....enterprises reporting..	21	2	2	.....	.....	.....	1	.....	1
40	30,000 acres or more.....enterprises reporting..	8	1	3	.....	.....	.....	1	.....	1
<b>Quantities of water reported, 1949:</b>										
41	Total obtained from all sources <sup>3</sup> .....enterprises reporting..	2,201	34	41	13	26	13	108	61	147
42	percent of all enterprises reporting..	24	8	24	25	29	18	65	54	53
43	acre-feet..	10,795,335	445,510	655,830	82,917	109,090	336,441	379,293	84,854	572,099
44	Surface sources.....enterprises reporting..	1,792	14	16	13	23	6	87	61	112
45	acres irrigated..	9,074,298	362,105	595,557	81,012	72,870	299,904	301,340	84,664	501,614
46	Pumped wells.....enterprises reporting..	27	.....	.....	.....	.....	.....	.....	.....	.....
47	acres irrigated..	7,761	.....	.....	.....	.....	.....	.....	.....	.....
48	Other enterprises.....enterprises reporting..	630	23	31	1	4	8	25	3	50
49	acres irrigated..	1,713,276	83,405	60,273	1,905	36,220	36,537	77,953	190	70,485
50	Conveyance loss <sup>3</sup> .....enterprises reporting..	2,060	34	40	12	23	13	105	59	136
51	acre-feet..	1,906,935	132,193	131,398	22,332	19,570	59,398	48,380	9,642	107,510
<b>Delivered:<sup>3</sup></b>										
52	Direct to farms.....enterprises reporting..	2,075	34	41	13	26	13	105	60	144
53	acres irrigated..	6,201,791	187,426	458,632	38,653	72,078	194,287	219,507	68,765	385,931
54	To other enterprises.....enterprises reporting..	460	22	12	7	7	4	27	1	26
55	acres irrigated..	1,945,226	120,281	65,800	8,444	17,442	79,756	110,359	540	78,231
56	For use other than irrigation.....enterprises reporting..	77	4	.....	5	.....	1	2	6	3
57	acres irrigated..	741,383	5,610	.....	13,488	.....	3,000	1,047	5,907	427
<b>Delivered direct to farms for primary irrigation:<sup>2</sup></b>										
58	Enterprises reporting.....enterprises..	1,988	33	41	13	24	13	99	57	133
59	Quantity delivered.....acre-feet..	5,745,754	64,074	145,510	14,997	44,179	143,555	112,943	55,809	249,121
60	Area supplied primary irrigation.....acres..	2,170,718	41,090	89,839	7,655	9,634	56,503	76,810	13,371	129,818
61	Quantity supplied per acre.....acre-feet..	2.6	1.6	1.6	2.0	4.6	2.5	1.5	4.2	1.9
<b>Delivered direct to farms for supplemental irrigation:<sup>2</sup></b>										
62	Enterprises reporting.....enterprises..	576	11	10	4	7	1	43	16	48
63	Quantity delivered.....acre-feet..	424,755	11,637	18,961	1,369	4,675	1,057	14,509	12,871	39,742
64	Area supplied supplemental irrigation.....acres..	179,962	9,182	9,917	461	785	228	10,537	2,615	24,123
65	Quantity supplied per acre.....acre-feet..	2.4	1.3	1.9	3.0	6.0	4.6	1.4	4.9	1.6
66	Total quantity per irrigated acre <sup>4</sup> .....acre-feet..	2.9	1.9	2.1	2.2	4.9	2.7	1.7	5.0	2.3
<b>Cost of water to farms for enterprises reporting quantity delivered, 1949:<sup>2</sup></b>										
67	Cost for primary irrigation.....dollars..	3,570,199	75,178	50,446	16,174	12,038	144,781	99,749	8,036	66,514
68	Average cost per acre-foot.....dollars..	0.62	1.17	0.35	1.08	0.27	1.01	0.88	0.14	0.27
69	Cost for supplemental irrigation.....dollars..	196,003	15,151	5,386	1,214	391	364	12,288	1,490	7,192
70	Average cost per acre-foot.....dollars..	0.46	1.30	0.28	0.89	0.08	0.34	0.85	0.12	0.18
<b>Measurement of water to farms, 1949:<sup>2</sup></b>										
71	No water measured.....enterprises reporting..	1,282	2	24	7	10	2	75	50	126
72	acres irrigated..	644,303	263	39,098	2,540	1,445	365	32,220	10,183	119,213
73	Part of water measured.....enterprises reporting..	205	3	10	3	.....	.....	6	9	18
74	acres irrigated..	369,078	10,883	5,390	5,089	.....	.....	7,306	5,056	14,526
75	All water measured.....enterprises reporting..	640	28	.....	3	13	11	25	1	6
76	acres irrigated..	1,262,189	39,040	36,145	487	8,429	56,366	43,617	494	21,629

See footnotes at end of County Table 2, Part 4.



IRRIGATION OF AGRICULTURAL LANDS

County Table 2 (Part 4 of 4).--IRRIGATION ENTERPRISES: NUMBER AND

[Intercounty enterprises are counted in each county in which they had irrigation works, but only once

Item (For definitions and explanations, see text)	La Plata	Larimer	Las Animas	Logan	Mesa	Mineral	Noffat	Montezuma	Montrose
<b>MULTIPLE-FARM ENTERPRISES, 1950</b>									
1 Multiple-farm enterprises, total number <sup>1</sup> .....enterprises..	81	69	47	26	104	5	20	43	59
2 Area irrigated direct.....acres..	79,654	101,331	21,060	73,923	101,323	300	8,093	51,460	89,122
3 Multiple-purpose enterprises <sup>1</sup> .....enterprises..	1	1	.....	.....	2	.....	.....	2	2
4 Area irrigated direct.....acres..	.....	.....	.....	.....	27,680	.....	.....	90	3,852
5 Complete-system enterprises <sup>1</sup> .....enterprises..	46	23	35	10	57	1	19	25	37
6 Area irrigated direct.....acres..	31,593	27,404	10,383	26,172	21,576	300	7,953	11,237	73,191
<b>Enterprises by origin of water supply:<sup>1</sup></b>									
7 No water from other enterprises.....enterprises reporting..	53	36	42	9	59	5	20	29	45
8 acres irrigated.....	36,713	40,448	18,177	36,672	66,053	300	8,093	9,946	80,627
9 Part of water from other enterprises.....enterprises reporting..	22	20	.....	9	39	.....	.....	13	4
10 acres irrigated.....	40,274	45,767	.....	23,205	25,297	.....	.....	41,014	2,674
11 All water from other enterprises.....enterprises reporting..	6	13	5	8	6	.....	.....	1	6
12 acres irrigated.....	2,667	15,116	2,883	14,046	9,973	.....	.....	500	5,821
<b>Enterprises by delivery of irrigation water:<sup>1</sup></b>									
13 No water delivered.....enterprises reporting..	.....	.....	.....	.....	.....	.....	.....	.....	.....
14 Water delivered direct to farms only.....enterprises reporting..	69	38	37	21	85	1	18	28	44
15 acres irrigated.....	54,045	47,597	8,646	43,936	32,454	300	7,733	12,217	23,549
16 Water delivered to farms and to other enterprises.....enterprises reporting..	11	19	9	4	11	.....	2	14	9
17 acres irrigated.....	25,609	53,734	12,414	29,987	68,869	.....	360	39,243	65,573
18 Water delivered to other enterprises only.....enterprises reporting..	1	12	1	1	8	4	.....	1	2
<b>Enterprises by primary and supplemental irrigation:<sup>2</sup></b>									
19 All primary.....enterprises reporting..	54	37	31	19	74	.....	15	35	41
20 acres irrigated.....	33,735	43,841	9,605	50,307	60,796	.....	4,359	46,634	85,115
21 Part primary, part supplemental.....enterprises reporting..	23	20	11	6	22	.....	5	6	7
22 Primary irrigation.....acres irrigated..	38,210	48,669	9,325	21,447	35,901	.....	2,496	3,407	2,272
23 Supplemental irrigation.....acres irrigated..	6,301	8,821	1,527	2,169	4,626	.....	1,238	1,219	1,026
24 All supplemental.....enterprises reporting..	3	.....	4	.....	.....	1	.....	1	5
25 acres irrigated.....	1,408	.....	603	.....	.....	300	.....	200	709
<b>Enterprises by number of farms irrigated direct:<sup>1</sup></b>									
26 None.....enterprises reporting..	1	12	1	1	8	4	.....	1	2
27 1-3.....enterprises reporting..	30	9	10	2	43	1	13	19	24
28 4-9.....enterprises reporting..	20	6	26	2	37	.....	3	16	21
29 10-29.....enterprises reporting..	20	23	8	13	8	.....	4	4	4
30 30-99.....enterprises reporting..	10	11	2	6	2	.....	.....	2	3
31 100-299.....enterprises reporting..	.....	8	.....	2	.....	.....	.....	.....	.....
32 300-999.....enterprises reporting..	.....	.....	.....	.....	.....	.....	.....	.....	.....
33 1,000 or more.....enterprises reporting..	.....	.....	.....	.....	.....	.....	.....	.....	.....
<b>Enterprises by acres irrigated direct:<sup>1</sup></b>									
34 None.....enterprises reporting..	1	12	1	1	8	4	.....	1	2
35 1-99 acres.....enterprises reporting..	24	3	18	.....	13	.....	2	8	9
36 100-999 acres.....enterprises reporting..	32	21	22	6	71	1	13	30	32
37 1,000-2,999 acres.....enterprises reporting..	16	20	5	11	8	.....	4	2	6
38 3,000-9,999 acres.....enterprises reporting..	8	7	1	6	2	.....	1	1	4
39 10,000-29,999 acres.....enterprises reporting..	.....	6	.....	2	.....	.....	.....	.....	.....
40 30,000 acres or more.....enterprises reporting..	.....	.....	.....	.....	.....	.....	.....	.....	.....
<b>Quantities of water reported, 1949:</b>									
41 Total obtained from all sources <sup>3</sup> .....enterprises reporting..	81	69	43	26	101	5	19	43	54
42 percent of all enterprises reporting.....	49	18	28	16	38	62	20	36	38
43 acre-feet.....	431,053	757,944	89,880	324,222	1,224,942	32,960	38,087	183,588	794,733
44 Surface sources.....enterprises reporting..	73	55	38	18	95	5	19	42	48
45 acre-feet.....	315,530	619,034	79,465	285,601	1,103,156	32,960	38,087	168,642	749,518
46 Pumped wells.....enterprises reporting..	.....	.....	.....	.....	.....	.....	.....	.....	.....
47 acre-feet.....	.....	.....	.....	.....	5,112	.....	.....	.....	.....
48 Other enterprises.....enterprises reporting..	28	33	5	17	45	.....	.....	14	10
49 acre-feet.....	115,523	138,910	10,415	38,621	116,674	.....	.....	14,946	45,215
50 Conveyance loss <sup>3</sup> .....enterprises reporting..	80	61	43	26	98	5	19	41	53
51 acre-feet.....	80,798	146,572	13,979	79,854	148,846	3,476	4,632	32,391	156,643
<b>Delivered:<sup>3</sup></b>									
52 Direct to farms.....enterprises reporting..	80	57	42	25	93	1	19	42	52
53 acre-feet.....	224,585	309,919	59,025	198,246	420,075	2,754	31,898	143,826	474,709
54 To other enterprises.....enterprises reporting..	12	31	9	5	17	4	2	15	10
55 acre-feet.....	125,670	297,619	15,726	46,122	128,892	26,730	1,557	6,809	52,562
56 For use other than irrigation.....enterprises reporting..	.....	4	3	.....	4	.....	.....	1	3
57 acre-feet.....	.....	3,834	1,150	.....	527,129	.....	.....	562	110,819
<b>Delivered direct to farms for primary irrigation:<sup>2</sup></b>									
58 Enterprises reporting.....enterprises..	76	57	38	25	93	.....	19	41	47
59 Quantity delivered.....acre-feet..	194,834	158,858	38,572	167,677	402,077	.....	17,959	138,062	378,250
60 Area supplied primary irrigation.....acres..	71,865	91,816	18,295	71,754	95,994	.....	6,675	50,041	86,807
61 Quantity supplied per acre.....acre-feet..	2.7	1.7	2.1	2.3	4.2	.....	2.7	2.8	4.4
<b>Delivered direct to farms for supplemental irrigation:<sup>2</sup></b>									
62 Enterprises reporting.....enterprises..	26	20	15	6	22	1	5	7	11
63 Quantity delivered.....acre-feet..	17,588	14,981	20,453	5,846	17,896	1,377	3,961	5,764	6,423
64 Area supplied supplemental irrigation.....acres..	7,709	8,821	2,130	2,169	4,626	300	1,238	1,419	1,659
65 Quantity supplied per acre.....acre-feet..	2.3	1.7	9.6	2.7	3.9	4.6	3.2	4.1	3.9
66 Total quantity per irrigated acre <sup>4</sup> .....acre-feet..	2.9	2.0	3.0	2.5	4.4	2.5	3.1	3.0	4.5
<b>Cost of water to farms for enterprises reporting quantity delivered, 1949:<sup>2</sup></b>									
67 Cost for primary irrigation.....dollars..	95,614	237,329	34,393	106,423	206,141	.....	2,910	93,884	203,511
68 Average cost per acre-foot.....dollars..	0.49	1.49	0.89	0.63	0.51	.....	0.16	0.68	0.54
69 Cost for supplemental irrigation.....dollars..	9,031	18,715	2,320	2,299	7,410	0	1,068	2,126	3,941
70 Average cost per acre-foot.....dollars..	0.51	1.25	0.11	0.39	0.41	0.00	0.27	0.37	0.61
<b>Measurement of water to farms, 1949:<sup>2</sup></b>									
71 No water measured.....enterprises reporting..	26	24	35	5	81	2	20	14	17
72 acres irrigated.....	20,222	4,172	7,508	4,616	34,804	.....	8,093	2,770	4,145
73 Part of water measured.....enterprises reporting..	3	15	1	9	1	.....	.....	1	7
74 acres irrigated.....	11,693	20,694	205	25,953	2,752	.....	.....	981	6,443
75 All water measured.....enterprises reporting..	52	28	9	11	10	.....	.....	25	26
76 acres irrigated.....	47,739	76,200	12,410	36,072	61,660	.....	.....	47,343	77,610

<sup>1</sup> For intercounty and interstate enterprises, number of enterprises represents characteristics of the entire enterprise, number of acres represents acreage within the county or State.  
<sup>2</sup> For intercounty and interstate enterprises, data represent characteristics within the county or State.  
<sup>3</sup> For intercounty and interstate enterprises, data represent characteristics of the entire enterprise.  
<sup>4</sup> Calculated average quantity of water per acre for total irrigated land, all irrigation enterprises, primary and supplemental irrigation combined.

CHARACTERISTICS, BY COUNTIES: CENSUSES OF 1950 AND 1940—Continued

in the State total. Acreage irrigated direct by 2 or more enterprises is counted for each enterprise]

Morgan	Otero	Ouray	Park	Pitkin	Prowers	Pueblo	Rio Blanco	Rio Grande	Routt	Saguache	San Miguel	Sedgwick	Washington	Weld	All other counties
40	12	43	6	32	34	89	30	62	82	17	11	5	9	136	10
77,224	71,820	13,136	2,990	8,666	96,020	37,679	16,837	131,805	27,061	72,212	12,904	18,666	5,594	350,282	4,030
2	.....	.....	.....	.....	.....	.....	.....	1	.....	2	1	.....	.....	5	.....
10,765	.....	.....	.....	.....	.....	.....	.....	516	.....	1,859	4,679	.....	.....	1,205	.....
4	5	43	4	26	11	32	29	43	71	11	5	3	3	37	5
7,601	56,884	13,136	2,890	7,936	17,103	8,226	16,417	33,738	23,730	33,709	3,631	2,275	2,269	72,748	4,030
5	6	43	5	30	13	36	30	46	82	14	6	4	2	53	10
6,042	48,134	13,136	1,790	8,416	39,912	13,354	16,837	33,382	27,061	35,966	8,310	17,466	2,044	80,071	4,030
8	2	.....	1	2	1	4	.....	6	.....	1	.....	.....	2	27	.....
38,807	22,297	.....	1,200	250	17,604	5,898	.....	84,926	.....	34,966	.....	.....	625	140,401	.....
27	4	.....	.....	.....	20	49	.....	10	.....	2	5	1	5	56	.....
32,375	1,389	.....	.....	.....	38,504	18,427	.....	13,297	.....	1,280	4,594	1,200	2,925	129,810	.....
1	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....
31	4	43	4	25	29	80	28	49	69	9	9	4	8	79	4
36,049	1,389	13,136	2,890	7,098	49,788	24,804	14,726	33,384	20,467	6,465	6,316	3,475	5,194	107,365	1,769
7	8	.....	1	6	5	8	2	10	13	8	2	1	1	48	5
41,175	70,431	.....	100	1,568	46,232	12,875	2,111	98,421	6,594	65,747	6,588	15,191	400	242,917	2,261
1	.....	.....	1	1	.....	1	.....	2	.....	.....	.....	.....	.....	9	1
31	8	30	3	26	28	80	28	32	70	9	8	4	9	77	5
46,886	45,180	7,792	2,500	7,781	78,762	32,829	16,677	26,403	22,181	29,787	6,006	17,466	5,594	136,143	3,640
6	4	12	.....	4	6	6	.....	25	9	7	3	1	.....	49	2
27,950	25,605	3,885	.....	510	15,743	4,265	60	95,514	2,455	35,816	5,599	1,095	.....	190,326	225
2,243	1,035	859	.....	375	1,515	465	60	9,206	1,895	5,899	1,339	105	.....	23,078	165
1	.....	.....	2	.....	.....	2	1	2	3	1	.....	.....	.....	1	.....
145	.....	600	440	.....	.....	120	40	682	530	710	.....	.....	.....	735	.....
2	.....	.....	1	1	.....	1	.....	3	.....	.....	.....	.....	.....	9	1
2	2	24	4	17	3	36	17	27	60	12	3	1	1	8	3
12	1	17	1	11	10	31	3	24	18	1	5	2	4	31	2
16	2	2	.....	2	16	15	6	6	4	1	2	1	2	51	2
7	3	.....	.....	1	3	5	1	1	.....	1	1	.....	.....	28	.....
1	3	.....	.....	.....	1	1	1	1	.....	1	.....	1	.....	8	3
1	1	.....	.....	.....	1	.....	2	.....	.....	1	.....	.....	.....	1	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
2	.....	.....	1	1	.....	1	.....	3	.....	.....	.....	.....	.....	9	1
.....	1	8	.....	3	1	25	8	6	11	.....	1	.....	.....	2	.....
19	3	34	3	25	8	51	16	33	66	10	6	2	5	39	4
12	1	1	.....	3	15	7	5	11	5	3	3	2	2	45	2
6	3	.....	2	.....	8	4	1	5	.....	2	1	.....	2	32	2
1	3	.....	.....	.....	1	1	.....	1	.....	.....	1	.....	.....	8	1
.....	1	.....	.....	.....	1	.....	.....	3	.....	2	.....	.....	.....	1	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
2	.....	.....	1	1	.....	1	.....	3	.....	.....	.....	.....	.....	9	1
.....	1	8	.....	3	1	25	8	6	11	.....	1	.....	.....	2	.....
19	3	34	3	25	8	51	16	33	66	10	6	2	5	39	4
12	1	1	.....	3	15	7	5	11	5	3	3	2	2	45	2
6	3	.....	2	.....	8	4	1	5	.....	2	1	.....	2	32	2
1	3	.....	.....	.....	1	1	.....	1	.....	.....	1	.....	.....	8	1
.....	1	.....	.....	.....	1	.....	.....	3	.....	2	.....	.....	.....	1	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
39	12	43	4	31	34	88	30	59	79	15	11	5	9	136	9
528,269	598,351	57,167	2,800	215,484	594,283	405,214	155,592	690,355	174,758	376,605	34,959	71,066	60,493	1,794,012	196,969
11	8	43	4	31	14	36	30	49	79	13	7	4	4	81	9
300,211	583,611	57,167	2,800	190,704	478,533	316,577	155,592	622,721	174,758	352,173	31,846	66,780	42,568	1,302,205	196,969
1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
480	1,998	.....	.....	.....	.....	2,169	.....	.....	.....	.....	.....	.....	.....	4,580	.....
35	6	.....	.....	2	21	52	.....	15	.....	3	4	1	7	82	.....
227,578	12,742	.....	.....	24,780	115,750	86,468	.....	67,634	.....	24,432	3,113	4,286	17,925	487,227	.....
31	11	43	2	31	31	89	29	52	79	14	11	5	8	130	9
179,543	94,688	5,743	63	26,119	99,307	53,121	26,318	135,804	15,480	77,615	6,315	22,438	6,510	461,036	43,380
38	12	43	4	30	34	88	30	58	79	15	11	5	9	127	8
205,450	413,131	51,424	2,463	102,942	353,699	200,396	129,124	502,404	149,354	276,280	24,117	32,914	34,174	792,393	79,932
7	8	.....	1	6	5	9	2	11	13	6	2	1	1	57	5
140,276	90,532	.....	274	86,423	141,277	144,842	150	52,147	9,924	22,710	3,717	15,714	19,809	532,047	68,836
2	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	1	.....	.....	7	2
3,000	.....	.....	.....	.....	.....	6,855	.....	.....	.....	.....	810	.....	.....	8,536	4,821
35	12	42	2	29	34	85	29	54	75	14	11	5	9	125	6
186,705	278,837	41,663	1,520	59,054	256,498	101,501	128,038	241,809	128,890	106,502	16,053	30,211	15,176	598,152	8,646
73,511	70,785	11,677	1,350	8,254	94,505	35,698	16,737	121,917	24,007	60,666	11,565	18,561	5,556	324,093	3,282
2.5	3.9	3.6	1.1	7.2	2.7	2.8	7.6	2.0	5.4	1.8	1.4	1.6	2.7	1.8	2.6
6	4	13	2	3	6	8	8	26	12	7	3	1	.....	47	2
5,064	3,025	5,869	943	2,103	3,741	1,642	1,086	24,656	13,829	15,939	3,451	157	.....	40,531	107
2,243	1,035	1,459	440	312	1,515	585	100	9,850	2,425	5,540	1,339	105	.....	22,607	165
2.3	2.9	4.0	2.1	6.7	2.5	2.8	10.9	2.5	5.7	2.9	2.6	1.5	.....	1.8	0.6
3.0	4.2	3.9	1.1	7.4	2.8	3.1	7.7	2.5	5.7	2.0	1.8	1.7	2.7	2.2	2.7
136,154	143,966	5,956	100	3,940	242,690	108,163	15,138	113,715	2,569	52,555	19,097	27,492	4,722	637,433	7,633
0.73	0.52	0.14	0.07	0.07	0.95	1.07	0.12	0.47	0.02	0.49	1.19	0.91	0.31	1.10	0.88
4,126	3,401	302	46	146	3,105	1,015	50	8,765	171	2,709	1,267	55	.....	34,887	67,609
0.81	1.12	0.05	0.05	0.07	0.83	0.62	0.05	0.36	0.01	0.17	0.38	0.35	.....	0.86	0.63
7	6	1	5	29	18	44	27	40	60	10	3	2	2	18	5
4,409	6,355	933	2,990	8,476	31,062	18,312	10,244	39,304	18,110	11,235	2,944	1,575	2,036	12,780	1,769
10	.....	.....	.....	2	1	2	.....	6	8	1	4	.....	.....	35	2
11,013	.....	406	.....	100	17,605	1,357	.....	7,064	4,343	480	8,030	.....	1,550	128,747	1,263
19	6	39	.....	1	14	32	3	7	10	4	4	3	3	68	1
57,677	65,465	11,646	.....	90	46										

## IRRIGATION OF AGRICULTURAL LANDS

County Table 3.—ACREAGE IRRIGATED, BY DRAINAGE BASIN ORIGIN OF WATER, AND BY COUNTIES IN

[Symbols in parentheses refer to drainage basin symbols on map, "Colorado: Location of Irrigated Land, 1949." Tributaries

Item (For definitions and explanations, see text)		The State	Adams	Alamosa	Arapahoe	Archuleta	Baca	Bent
1	Irrigated land, 1949.....acres..	2,943,895	59,924	106,583	9,675	17,224	1,104	60,161
Area irrigated direct, by drainage basin origin of water, 1949: <sup>1</sup>								
2	All basin.....acres..	3,514,030	77,635	134,243	10,428	18,149	1,104	62,666
3	Gulf of California.....acres..	944,167				18,149		
4	Colorado River excluding Green and Gunnison Rivers (IV-D).....acres..	555,591				18,149		
5	Colorado River direct (1a, b, and c).....acres..	181,600						
6	San Juan River.....acres..	127,978				18,149		
7	San Juan River direct (2a).....acres..	20,372				16,823		
8	McElmo Creek (2b).....acres..	2,809						
9	Mancos River (2c).....acres..	17,818						
10	La Plata River (2d).....acres..	20,223						
11	Animas River (2e).....acres..	23,129						
12	Los Pinos River (2f).....acres..	43,627				1,326		
13	Dolores River.....acres..	72,373						
14	Dolores River direct (4a).....acres..	43,860						
15	San Miguel River (4b).....acres..	28,513						
16	Plateau Creek (5).....acres..	36,186						
17	Roaring Fork (6).....acres..	89,746						
18	Eagle River (7).....acres..	15,067						
19	Blue River (8).....acres..	10,941						
20	Muddy Creek (9).....acres..	10,908						
21	Frazer River (10).....acres..	10,792						
22	Green River (IV-E).....acres..	94,237						
23	Green River direct (1).....acres..	691						
24	White River (4).....acres..	30,308						
25	Yampa River.....acres..	63,238						
26	Yampa River direct (8a).....acres..	50,040						
27	Little Snake River (8b).....acres..	4,690						
28	Elk River (8c).....acres..	8,508						
29	Gunnison River (IV-F).....acres..	294,339						
30	Gunnison River direct (1).....acres..	103,195						
31	Uncompahgre River (2).....acres..	102,290						
32	North Fork (3).....acres..	35,014						
33	Smith Fork (4).....acres..	18,855						
34	Tomichi Creek (5).....acres..	29,016						
35	Slate River (6).....acres..	5,969						
36	Gulf of Mexico: Rio Grande (V-C).....acres..	703,003		134,243				
37	Rio Grande direct (1c).....acres..	372,917		106,695				
38	Costilla Creek (10).....acres..	28,790						
39	San Antonio and Conejos Rivers (11).....acres..	104,427						
40	Trinchera Creek (12).....acres..	14,471						
41	La Jara and Alamosa Creeks (13).....acres..	92,309		22,448				
42	San Luis Lake and San Luis Creek.....acres..	90,089		5,100				
43	San Luis Lake and San Luis Creek direct (14a).....acres..	48,289		5,100				
44	Saguache Creek (14b).....acres..	41,800						
45	Mississippi River.....acres..	1,866,860	77,635		10,428		1,104	62,666
46	Arkansas River (VI-B).....acres..	499,715					1,104	62,666
47	Arkansas River direct (1a, b, and c).....acres..	377,733					1,039	58,697
48	Cimarron River (3).....acres..	264					65	
49	Purgatoire River (6).....acres..	32,932						3,969
50	Huerfano River.....acres..	37,114						
51	Huerfano River direct (7a).....acres..	22,994						
52	Cucharas River (7b).....acres..	14,120						
53	St. Charles River (8).....acres..	6,091						
54	Fountain Creek (9).....acres..	17,862						
55	Grape Creek (10).....acres..	27,719						
56	Missouri River (VI-C, D, and E).....acres..	1,367,145	77,635		10,428			
57	Missouri River excluding Platte River: Republican River (VI-C).....acres..	6,552						
58	Republican River direct (2c).....acres..	4,375						
59	North Fork (2d).....acres..	2,177						
60	North Platte River (VI-D).....acres..	179,680						
61	North Platte River direct (3d).....acres..	155,478						
62	Laramie River (5a).....acres..	24,210						
63	South Platte River (VI-E).....acres..	1,180,905	77,635		10,428			
64	South Platte River direct (1a, b, and c).....acres..	517,021	40,502		7,585			
65	Upper Beaver Creek (3).....acres..	10,065						
66	Upper Bijou Creek (4).....acres..	18,993	3,262		572			
67	Crow Creek (5).....acres..	5,251						
68	Cache la Poudre River (6).....acres..	242,752						
69	Thompson River (7).....acres..	119,492						
70	St. Vrain and Boulder Creeks (8).....acres..	191,483						
71	Clear Creek (9).....acres..	57,561	33,871		809			
72	Bear Creek (10).....acres..	17,487			1,462			

See footnotes at end of County Table 3.



IRRIGATION OF AGRICULTURAL LANDS

County Table 3.—ACREAGE IRRIGATED, BY DRAINAGE BASIN ORIGIN OF WATER, AND BY COUNTIES IN

[Symbols in parentheses refer to drainage basin symbols on map. \*Colorado: Location of Irrigated Land, 1949.\* Tributaries

Item (For definitions and explanations, see text)	El Paso	Fremont	Garfield	Grand	Gunnison	Hinsdale	Huerfano
1 Irrigated land, 1949.....acres..	14,409	19,043	60,423	41,926	63,069	4,226	18,269
2 Area irrigated direct, by drainage basin origin of water, 1949:¹							
3 All basins.....acres..	15,605	21,309	63,673	45,501	65,351	4,506	22,947
4 Gulf of California.....acres..			63,673	45,501	65,351	4,506	
5 Colorado River excluding Green and Gunnison Rivers (IV-D).....acres..			63,673	45,501	95	2,804	
6 Colorado River direct (1a, b, and c).....acres..			48,235	21,688			
7 San Juan River.....acres..						2,804	
8 San Juan River direct (2a).....acres..						2,804	
9 McElmo Creek (2b).....acres..							
10 Mancos River (2c).....acres..							
11 La Plata River (2d).....acres..							
12 Animas River (2e).....acres..							
13 Los Pinos River (2f).....acres..							
14 Dolores River.....acres..							
15 Dolores River direct (4a).....acres..							
16 San Miguel River (4b).....acres..							
17 Plateau Creek (5).....acres..							
18 Roaring Fork (6).....acres..			15,438		95		
19 Eagle River (7).....acres..							
20 Blue River (8).....acres..				2,113			
21 Muddy Creek (9).....acres..				10,908			
22 Frazer River (10).....acres..				10,792			
23 Green River (IV-E).....acres..							
24 Green River direct (1).....acres..							
25 White River (4).....acres..							
26 Yampa River.....acres..							
27 Yampa River direct (8a).....acres..							
28 Little Snake River (8b).....acres..							
29 Elk River (8c).....acres..							
30 Gunnison River (IV-F).....acres..					65,256	1,702	
31 Gunnison River direct (1).....acres..					35,484	1,702	
32 Uncompahgre River (2).....acres..							
33 North Fork (3).....acres..					3,643		
34 Smith Fork (4).....acres..							
35 Tomichi Creek (5).....acres..					20,160		
36 Slate River (6).....acres..					5,969		
37 Gulf of Mexico: Rio Grande (V-C).....acres..							
38 Rio Grande direct (1c).....acres..							
39 Costilla Creek (10).....acres..							
40 San Antonio and Conejos Rivers (11).....acres..							
41 Trinchera Creek (12).....acres..							
42 La Jara and Alamosa Creeks (13).....acres..							
43 San Luis Lake and San Luis Creek.....acres..							
44 San Luis Lake and San Luis Creek direct (14a).....acres..							
45 Saguache Creek (14b).....acres..							
46 Mississippi River.....acres..	15,605	21,309					22,947
47 Arkansas River (VI-B).....acres..	15,605	21,309					22,947
48 Arkansas River direct (1a, b, and c).....acres..	544	19,642					
49 Cimarron River (3).....acres..							
50 Purgatoire River (6).....acres..							
51 Huerfano River.....acres..							22,947
52 Huerfano River direct (7a).....acres..							13,057
53 Cucharas River (7b).....acres..							9,890
54 St. Charles River (8).....acres..							
55 Fountain Creek (9).....acres..	15,061						
56 Grape Creek (10).....acres..		1,667					
57 Missouri River (VI-C, D, and E).....acres..							
58 Missouri River excluding Platte River:							
59 Republican River (VI-C).....acres..							
60 Republican River direct (2c).....acres..							
61 North Fork (2d).....acres..							
62 North Platte River (VI-D).....acres..							
63 North Platte River direct (3d).....acres..							
64 Laramie River (5a).....acres..							
65 South Platte River (VI-E).....acres..							
66 South Platte River direct (1a, b, and c).....acres..							
67 Upper Beaver Creek (3).....acres..							
68 Upper Bijou Creek (4).....acres..							
69 Crow Creek (5).....acres..							
70 Cache la Poudre River (6).....acres..							
71 Thompson River (7).....acres..							
72 St. Vrain and Boulder Creeks (8).....acres..							
Clear Creek (9).....acres..							
Bear Creek (10).....acres..							

See footnotes at end of County Table 3.





IRRIGATION OF AGRICULTURAL LANDS

County Table 3.—ACREAGE IRRIGATED, BY DRAINAGE BASIN ORIGIN OF WATER, AND BY COUNTIES IN

[Symbols in parentheses refer to drainage basin symbols on map, "Colorado: Location of Irrigated Land, 1949." Tributaries

Item (For definitions and explanations, see text)	Montrose	Morgan	Otero	Ouray	Park	Phillips	Pitkin	Prowers
1 Irrigated land, 1949..... acres..	95,947	113,441	75,175	17,720	44,774	2,069	14,125	96,263
Area irrigated direct, by drainage basin origin of water, 1949: <sup>1</sup>								
2 All basins..... acres..	97,822	158,543	101,116	19,179	45,314	2,069	14,610	98,128
3 Gulf of California..... acres..	97,822		18,550	19,179			14,610	
4 Colorado River excluding Green and Gunnison Rivers (IV-D)..... acres..	14,978		18,550				14,610	
5 Colorado River direct (1a, b, and c)..... acres..								
6 San Juan River..... acres..								
7 San Juan River direct (2a)..... acres..								
8 McElmo Creek (2b)..... acres..								
9 Mancos River (2c)..... acres..								
10 La Plata River (2d)..... acres..								
11 Animas River (2e)..... acres..								
12 Los Pinos River (2f)..... acres..								
13 Dolores River..... acres..	14,978							
14 Dolores River direct (4a)..... acres..	3,219							
15 San Miguel River (4b)..... acres..	11,759							
16 Plateau Creek (5)..... acres..								
17 Roaring Fork (6)..... acres..			18,550				14,610	
18 Eagle River (7)..... acres..								
19 Blue River (8)..... acres..								
20 Muddy Creek (9)..... acres..								
21 Frazer River (10)..... acres..								
22 Green River (IV-E)..... acres..								
23 Green River direct (1)..... acres..								
24 White River (4)..... acres..								
25 Yampa River..... acres..								
26 Yampa River direct (8a)..... acres..								
27 Little Snake River (8b)..... acres..								
28 Elk River (8c)..... acres..								
29 Gunnison River (IV-F)..... acres..	82,844			19,179				
30 Gunnison River direct (1)..... acres..	8,356							
31 Uncompahgre River (2)..... acres..	69,252			19,179				
32 North Fork (3)..... acres..								
33 Smith Fork (4)..... acres..	5,236							
34 Tomichi Creek (5)..... acres..								
35 Slate River (6)..... acres..								
36 Gulf of Mexico: Rio Grande (V-C)..... acres..								
37 Rio Grande direct (1c)..... acres..								
38 Costilla Creek (10)..... acres..								
39 San Antonio and Conejos Rivers (11)..... acres..								
40 Trinchera Creek (12)..... acres..								
41 La Jara and Alamosa Creeks (13)..... acres..								
42 San Luis Lake and San Luis Creek..... acres..								
43 San Luis Lake and San Luis Creek direct (14a)..... acres..								
44 Saguache Creek (14b)..... acres..								
45 Mississippi River..... acres..		158,543	82,566		45,314	2,069		98,128
46 Arkansas River (VI-B)..... acres..			82,566		613			98,128
47 Arkansas River direct (1a, b, and c)..... acres..			81,116		613			98,128
48 Cimarron River (3)..... acres..								
49 Purgatoire River (6)..... acres..			1,450					
50 Huerfano River..... acres..								
51 Huerfano River direct (7a)..... acres..								
52 Cucharas River (7b)..... acres..								
53 St. Charles River (8)..... acres..								
54 Fountain Creek (9)..... acres..								
55 Grape Creek (10)..... acres..								
56 Missouri River (VI-C, D, and E)..... acres..		158,543			44,701	2,069		
57 Missouri River excluding Platte River: Republican River (VI-C)..... acres..						2,069		
58 Republican River direct (2c)..... acres..						2,069		
59 North Fork (2d)..... acres..								
60 North Platte River (VI-D)..... acres..								
61 North Platte River direct (3d)..... acres..								
62 Laramie River (5a)..... acres..								
63 South Platte River (VI-E)..... acres..		158,543			44,701			
64 South Platte River direct (1a, b, and c)..... acres..		115,385			44,701			
65 Upper Beaver Creek (3)..... acres..		8,035						
66 Upper Bijou Creek (4)..... acres..		15,124						
67 Crow Creek (5)..... acres..								
68 Cache la Poudre River (6)..... acres..								
69 Thompson River (7)..... acres..								
70 St. Vrain and Boulder Creeks (8)..... acres..		19,199						
71 Clear Creek (9)..... acres..								
72 Bear Creek (10)..... acres..								

<sup>1</sup> Acreage irrigated direct by 2 or more irrigation enterprises is counted for each enterprise; acreage supplied a mixture of water from 2 or more basins by a given enterprise is counted for each basin; consequently, the sum of the acreages for a county or a drainage basin may exceed the acreage irrigated direct shown in County Table 2 or Drainage Basin Table 1.



IRRIGATION OF AGRICULTURAL LANDS

Drainage Basin Table 1 (Part 1 of 4).—IRRIGATION ENTERPRISES: NUMBER AND

[Interbasin enterprises are counted in each drainage basin in which they had irrigation works, but only once in State total. For interbasin and interstate enterprises,

Item (For definitions and explanations, see text)	The State	Gulf of California, total	Colorado River excluding Green and Gunnison Rivers (IV-D)				
			Total	Colorado River direct			Above Dotsero (1c)
				Total	Below Cameo (1a)	Cameo to Dotsero (1b)	
<b>ALL ENTERPRISES</b>							
<b>Farms and land irrigated:</b>							
1 All irrigation enterprises.....enterprises 1950..	9,158	2,812	1,439	470	93	212	165
2 1940..	8,713	3,421	1,917	564	(*)	(*)	(*)
3 Interbasin.....enterprises 1950..	67	20	12	2	.....	1	1
4 Farms irrigated direct per enterprise <sup>2</sup> .....farms 1950..	4.0	4.3	4.9	7.5	27.2	3.8	1.2
5 Irrigated land <sup>3</sup> .....acres 1949..	2,943,895	806,168	448,169	156,351	70,540	48,798	37,013
6 1939..	3,220,685	844,494	448,565	151,496	62,309	46,610	42,577
7 Average per enterprise.....acres 1949..	321	287	311	333	758	230	224
8 Average acreage irrigated direct per enterprise <sup>2</sup> .....acres 1949..	364	306	332	346	793	238	232
<b>Type of enterprise, 1950:</b>							
9 Single-farm.....enterprises..	6,856	1,770	969	361	83	133	145
10 acres irrigated..	931,763	232,419	121,236	40,427	4,599	9,158	26,670
<b>Mutual:</b>							
11 Unincorporated.....enterprises..	1,579	847	377	87	.....	70	17
12 acres irrigated..	559,708	242,281	121,175	32,502	.....	24,056	8,446
13 Incorporated.....enterprises..	686	183	84	18	7	9	2
14 acres irrigated..	1,652,636	361,717	212,665	75,442	55,144	17,155	(*)
<b>Commercial.....enterprises..</b>							
15 6	.....	1	1	.....	.....	.....	.....
16 acres irrigated..	14,873	(*)	(*)	.....	.....	.....	.....
<b>District.....enterprises..</b>							
17 20	.....	7	4	3	3	.....	.....
18 acres irrigated..	155,216	15,839	14,016	14,016	14,016	.....	.....
<b>U. S. Bureau of Reclamation<sup>5</sup>.....enterprises..</b>							
19 4	.....	3	3	1	.....	.....	1
20 acres irrigated..	.....	.....	.....	.....	.....	.....	.....
<b>U. S. Bureau of Indian Affairs<sup>5</sup>.....enterprises..</b>							
21 1	.....	1	1	.....	.....	.....	.....
22 acres irrigated..	8,193	8,193	8,193	.....	.....	.....	.....
<b>State.....enterprises..</b>							
23 1	.....	.....	.....	.....	.....	.....	.....
24 acres irrigated..	(*)	.....	.....	.....	.....	.....	.....
<b>City.....enterprises..</b>							
25 5	.....	.....	.....	.....	.....	.....	.....
26 acres irrigated..	8,992	.....	.....	.....	.....	.....	.....
<b>Use of surface, ground, pumped and stored water, 1949:</b>							
<b>Surface water:</b>							
<b>Gravity only.....enterprises reporting..</b>							
27 5,441	2,632	1,346	406	44	204	158	
28 acres irrigated..	2,959,515	833,368	458,656	150,324	62,609	50,064	37,651
<b>Pumped only.....enterprises reporting..</b>							
29 322	125	68	52	40	7	5	
30 acres irrigated..	18,299	8,309	4,696	1,275	556	185	534
<b>Gravity and pumped.....enterprises reporting..</b>							
31 92	33	17	8	6	1	1	
32 acres irrigated..	28,302	9,450	5,441	3,030	2,878	120	32
<b>Ground water only (pumped from wells).....enterprises reporting..</b>							
33 2,905	12	4	2	1	.....	1	
34 acres irrigated..	245,117	198	77	42	.....	42	
<b>Surface (gravity or pumped) and ground water.....enterprises reporting..</b>							
35 398	10	4	2	2	.....	.....	
36 acres irrigated..	80,148	9,124	8,416	7,716	7,716	.....	
<b>Stored water:</b>							
<b>None stored.....enterprises reporting..</b>							
37 7,910	2,337	1,238	424	86	208	130	
38 acres irrigated..	1,845,164	547,446	312,453	148,906	73,366	45,997	29,543
<b>Part stored.....enterprises reporting..</b>							
39 879	318	165	34	3	3	28	
40 acres irrigated..	1,411,335	299,754	155,937	11,518	69	4,372	7,050
<b>All stored.....enterprises reporting..</b>							
41 369	157	36	12	4	1	7	
42 acres irrigated..	74,882	13,249	8,895	1,963	297	.....	1,666
<b>Sources of surface water, 1949:<sup>6</sup></b>							
<b>Streams (and lakes).....enterprises reporting..</b>							
43 5,675	2,657	1,361	439	92	186	161	
44 acres irrigated..	3,039,767	852,923	474,058	161,672	73,759	49,796	38,117
<b>Springs.....enterprises reporting..</b>							
45 374	158	93	37	1	31	5	
46 acres irrigated..	56,029	17,133	7,946	1,492	51	1,127	314
<b>Flowing wells.....enterprises reporting..</b>							
47 238	14	7	2	.....	2	.....	
48 acres irrigated..	84,942	850	395	176	.....	176	
<b>Drainage water.....enterprises reporting..</b>							
49 443	116	33	4	2	.....	2	
50 acres irrigated..	421,422	118,856	34,389	28,960	28,770	190	
<b>Sewage.....enterprises reporting..</b>							
51 7	.....	.....	.....	.....	.....	.....	
52 acres irrigated..	1,274	.....	.....	.....	.....	.....	
<b>Other sources.....enterprises reporting..</b>							
53 1	.....	.....	.....	.....	.....	.....	
54 acres irrigated..	52	.....	.....	.....	.....	.....	
<b>Drainage of irrigated land:<sup>7</sup></b>							
<b>Irrigated land drained:</b>							
<b>Enterprises reporting.....enterprises 1949..</b>							
55 573	145	51	15	10	3	2	
56 Area supplied primary irrigation.....acres 1949..	943,473	207,107	101,688	71,393	66,001	4,092	1,300
57 Area artificially drained.....acres 1949..	319,612	81,155	49,357	47,146	46,786	230	130
58 acres 1939..	119,286	32,498	12,931	12,850	(*)	(*)	(*)
<b>Irrigated land in need of drainage:</b>							
<b>Enterprises reporting.....enterprises 1949..</b>							
59 818	328	136	20	4	11	5	
60 Area supplied primary irrigation.....acres 1949..	846,494	262,845	132,402	26,731	15,658	9,362	1,711
61 Area in need of drainage.....acres 1949..	155,380	28,589	13,423	3,043	2,425	515	103
62 acres 1939..	35,792	12,105	3,199	482	(*)	(*)	(*)

See footnotes at end of Drainage Basin Table 1, Part 1.



IRRIGATION OF AGRICULTURAL LANDS

Drainage Basin Table 1 (Part I of 4).—IRRIGATION ENTERPRISES: NUMBER AND

[Interbasin enterprises are counted in each drainage basin in which they had irrigation works, but only once in State total. For interbasin and interstate enterprises,

Item (For definitions and explanations, see text)	Green River (IV-E)						
	Total	Green River direct (1)	White River (4)	Yampa River			
				Total	Yampa River direct (8a)	Little Snake River (8b)	Elk River (8c)
<b>ALL ENTERPRISES</b>							
<b>Farms and land irrigated:</b>							
1 All irrigation enterprises.....enterprises 1950..	445	6	130	309	242	23	45
2 1940..	588	13	149	426	307	49	70
3 Interbasin.....enterprises 1950..	2			2	2	1	
4 Farms irrigated direct per enterprise <sup>2</sup> .....farms 1950..	1.8	1.0	1.8	1.8	1.9	1.1	1.8
5 Irrigated land <sup>3</sup> .....acres 1949..	88,602	691	29,911	58,000	45,172	4,690	8,138
6 1939..	99,817	1,272	35,531	63,014	45,674	6,743	10,597
7 Average per enterprise.....acres 1949..	199	115	230	188	187	204	181
8 Average acreage irrigated direct per enterprise <sup>2</sup> .....acres 1949..	209	115	233	201	202	204	189
<b>Type of enterprise, 1950:</b>							
9 Single-farm.....enterprises..	316	6	100	210	166	21	24
10 acres irrigated..	42,819	691	13,471	28,657	21,399	3,887	3,371
<b>Mutual:</b>							
11 Unincorporated.....enterprises..	118		29	89	67	1	21
12 acres irrigated..	42,967		16,757	26,210	20,818	(4)	5,137
13 Incorporated.....enterprises..	9		1	8	7	1	
14 acres irrigated..	5,446		(4)	5,366	4,818	(4)	
<b>Commercial.....enterprises..</b>							
<b>District.....enterprises..</b>							
15							
16 acres irrigated..							
17	(4)			(4)	(4)		
18 acres irrigated..							
19 U. S. Bureau of Reclamation <sup>5</sup> .....enterprises..							
20 acres irrigated..							
21 U. S. Bureau of Indian Affairs <sup>5</sup> .....enterprises..							
22 acres irrigated..							
<b>State.....enterprises..</b>							
<b>City.....enterprises..</b>							
23							
24 acres irrigated..							
25							
26 acres irrigated..							
<b>Use of surface, ground, pumped and stored water, 1949:</b>							
<b>Surface water:</b>							
27 Gravity only.....enterprises reporting..	394	5	104	285	219	22	44
28 acres irrigated..	88,331	621	28,875	58,835	46,122	4,390	8,323
29 Pumped only.....enterprises reporting..	40	1	22	17	16		1
30 acres irrigated..	2,745	70	1,071	1,604	1,419		185
31 Gravity and pumped.....enterprises reporting..	8		4	4	4	1	
32 acres irrigated..	1,400		362	1,038	738	300	
<b>Ground water only (pumped from wells).....enterprises reporting..</b>							
<b>Surface (gravity or pumped) and ground water.....enterprises reporting..</b>							
33							
34 acres irrigated..	3			3	3		
35	579			579	579		
36 acres irrigated..							
<b>Stored water:</b>							
37 None stored.....enterprises reporting..	392	4	120	268	208	18	42
38 acres irrigated..	82,455	483	28,923	53,049	41,437	3,323	8,289
39 Part stored.....enterprises reporting..	35	2	4	29	23	4	3
40 acres irrigated..	8,599	208	855	7,536	6,145	1,172	219
41 All stored.....enterprises reporting..	18		6	12	11	1	
42 acres irrigated..	2,001		530	1,471	1,276	195	
<b>Sources of surface water, 1949:<sup>6</sup></b>							
43 Streams (and lakes).....enterprises reporting..	433	3	128	302	236	23	44
44 acres irrigated..	92,208	465	29,963	61,780	48,602	4,690	8,488
45 Springs.....enterprises reporting..	14	3	7	4	3		1
46 acres irrigated..	1,637	226	1,255	156	56		100
<b>Flowing wells.....enterprises reporting..</b>							
<b>Drainage water.....enterprises reporting..</b>							
47							
48 acres irrigated..	80		80				
49	9			9	5		4
50 acres irrigated..	1,025			1,025	250		775
<b>Sewage.....enterprises reporting..</b>							
<b>Other sources.....enterprises reporting..</b>							
51							
52 acres irrigated..							
53							
54 acres irrigated..							
<b>Drainage of irrigated land:<sup>7</sup></b>							
<b>Irrigated land drained:</b>							
55 Enterprises reporting.....enterprises 1949..	13		7	6	4	1	1
56 Area supplied primary irrigation.....acres 1949..	8,617		6,079	2,538	1,663	380	495
57 Area artificially drained.....acres 1949..	1,006		713	293	228	40	25
58 Area 1939..	2						
<b>Irrigated land in need of drainage:</b>							
59 Enterprises reporting.....enterprises 1949..	59		15	44	32	5	7
60 Area supplied primary irrigation.....acres 1949..	15,476		6,495	8,981	6,867	1,160	954
61 Area in need of drainage.....acres 1949..	2,458		869	1,589	1,333	77	179
62 Area 1939..	1,210			745	705		(*)

See footnotes at end of Drainage Basin Table 1, Part 1.

COLORADO

CHARACTERISTICS, BY DRAINAGE BASINS: CENSUSES OF 1950 AND 1940—Continued

number of enterprises represents characteristics of the entire enterprise, acreage represents acreage within the drainage basin or State, except where otherwise noted]

Gunnison River (IV-F)							Gulf of Mexico: Rio Grande (V-C)							San Luis Lake and San Luis Creek		
Total	Gunnison River direct	Uncompahgre River	North Fork	Smith Fork	Tomichi Creek	Slate River	Total	Rio Grande direct	Costilla Creek	San Antonio and Conejos Rivers	Trinchera Creek	LaJara and Alamosa Creeks	Total	San Luis Lake and San Luis Creek direct	Saguache Creek	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14a)	(14b)	(14c)	
931	445	164	168	44	88	26	1,129	590	37	151	17	251	98	51	47	
916	(*) 7	(*) 4	197	35	85	35	989	(*) 8	33	(*) 8	12	(*) 12	175	(*) 1	(*) 1	
9				1	1		17		2		1		1			
4.6	3.1	10.5	5.0	4.3	1.5	1.5	3.3	2.2	13.8	5.5	4.3	3.6	1.1	1.0	1.2	
269,397	88,678	103,735	25,501	18,408	27,396	5,679	592,645	253,212	26,950	75,072	14,471	136,521	86,419	46,169	40,250	
296,112	86,801	96,515	52,779	20,407	33,104	6,506	632,047	337,646	33,104	78,209	14,444	97,073	71,571	38,961	32,610	
289	199	633	152	418	311	218	325	429	728	497	851	544	882	905	856	
312	223	647	186	458	313	230	619	492	778	634	851	711	927	947	904	
486	211	88	91	24	56	16	825	491	7	54	8	180	90	48	42	
68,364	28,784	9,544	7,249	3,585	15,893	3,309	193,461	59,052	1,445	9,297	2,972	40,454	80,281	45,331	34,950	
352	196	62	40	12	32	10	204	65	26	64		44	6	2	4	
78,139	37,918	18,599	3,243	4,051	11,668	2,660	119,177	38,333	9,947	36,704		24,883	9,310	(4)	6,850	
92	37	14	37	8			93	30	3	32	9	26	2	1	1	
143,606	32,417	77,906	20,783	12,500			329,581	150,821	3,488	49,712	11,499	112,853	(4)	(4)	(4)	
							(4) 1		(4) 1							
(4) 1	(4) 1						5	4				1				
							42,347	42,097				(4) 1				
							1			1						
895	426	164	153	44	86	26	638	221	36	138	11	160	86	45	41	
286,381	95,934	106,049	31,032	20,136	27,261	5,969	637,393	263,267	28,630	94,246	11,999	163,909	75,742	44,829	30,913	
17	11		6				18	4				14				
869	819		50				1,002	370				632				
8	6		1		1		10	1				9				
2,609	2,299		60		250		1,894	18				1,876				
8	1		7				374	299		11	1	59	4	4		
121	6		115				23,913	15,413		1,265	80	7,079	76	76		
3	1		1		1		89	65	1	2	5	9	8	2	6	
129	61		18		50		34,274	11,235	160	162	2,392	5,344	14,981	3,384	11,597	
707	300	151	107	37	87	25	1,032	535	33	147	7	226	95	48	47	
152,538	58,612	29,363	14,835	16,598	27,411	5,719	442,074	111,001	11,208	94,873	3,522	131,506	89,964	47,454	42,510	
120	81	12	24	6	1		76	46	2		8	21	2	2		
135,218	39,491	76,676	15,403	3,498	150		238,695	178,755	2,660		9,799	46,651	830	830		
104	64	1	37	1		1	21	9	2	4	2	4	1	1		
2,353	1,016	10	1,037	40		250	17,707	547	14,922	800	1,150	283	5	5		
866	427	144	148	40	87	24	574	218	35	133	15	107	79	41	38	
286,657	97,720	104,814	30,961	19,916	27,552	5,694	648,503	258,992	27,756	94,030	13,991	163,991	89,743	47,912	41,831	
51	21	10	10	1	4	5	28	6	1	8	1	8	6	3	3	
7,550	4,363	1,008	186	150	764	1,079	18,603	2,452	1,012	2,737	400	8,743	3,259	1,420	1,839	
5	3		2				189	85		2	1	78	25	11	14	
375	366		9				74,188	20,649		82	100	29,483	23,874	3,171	20,701	
74	37	21	10	5	1	1	89	41	3	2	1	34	10	1		
83,442	10,903	71,073	382	297	227	560	163,285	135,493	1,075	329	400	24,371	1,617	60	1,559	
							1						1		1	
							750						750		750	
81	45	20	7	1	8	1	91	41		8	3	31	10	2		
96,802	16,137	76,490	574	160	2,881	560	205,934	151,332		7,103	242	40,879	6,378	3,129	3,245	
30,792	4,525	25,430	172	15	550	100	111,667	75,182		1,122	212	33,103	2,048	130	1,911	
19,565	(*)	(*)	5	(*)			42,364	(*)		(*)	(*)	(*)		(*)	(*)	
133	73	18	13	2	26	2	97	45	3	11		21	17	10		
114,967	21,304	77,737	6,248	869	7,999	810	105,176	72,091	295	15,974		7,599	9,217	6,440	2,777	
12,708	3,074	6,784	949	25	1,531	345	77,253	66,823	20	6,053		2,790	1,567	700	86	
7,696	(*)	(*)	259	(*)	(*)		15,570	(*)		(*)		(*)		(*)	(*)	

IRRIGATION OF AGRICULTURAL LANDS

Drainage Basin Table 1 (Part 1 of 4).--IRRIGATION ENTERPRISES: NUMBER AND

[Interbasin enterprises are counted in each drainage basin in which they had irrigation works, but only once in State total. For interbasin and interstate enterprises,

Item (For definitions and explanations, see text)	Mississippi River, total	Arkansas River (VI-B)				
		Total	Arkansas River direct			
			Total	Below John Martin Dam (1a)	John Martin Dam to Pueblo (1b)	Above Pueblo (1c)
<b>ALL ENTERPRISES</b>						
<b>Farms and land irrigated:</b>						
1 All irrigation enterprises.....enterprises 1950..	5,224	1,548	965	90	530	348
2 .....	4,321	1,550	898	(*)	(*)	(*)
3 Interbasin.....enterprises 1950..	37	13	12	2	7	6
4 Farms irrigated direct per enterprise <sup>2</sup> .....farms 1950..	4.0	4.0	4.9	10.1	4.9	3.6
5 Irrigated land <sup>3</sup> .....acres 1949..	1,545,082	461,146	352,450	122,144	181,147	49,159
6 .....	1,744,144	469,535	372,445	112,136	185,639	74,670
7 Average per enterprise.....acres 1949..	296	296	365	1,357	342	141
8 Average acreage irrigated direct per enterprise.....acres 1949..	339	320	390	1,383	372	157
<b>Type of enterprise, 1950:</b>						
9 Single-farm.....enterprises..	4,265	1,121	725	52	434	239
10 .....	505,883	110,765	56,543	5,807	27,591	23,145
<b>Mutual:</b>						
11 Unincorporated.....enterprises..	528	326	165	12	64	89
12 .....	198,250	83,632	55,475	13,232	24,983	17,260
13 Incorporated.....enterprises..	411	97	71	26	30	18
14 .....	961,338	278,609	242,139	105,423	122,638	14,078
15 Commercial.....enterprises..	5	1	1			1
16 .....	963	( <sup>4</sup> )	( <sup>4</sup> )			( <sup>4</sup> )
17 District.....enterprises..	8	2	2		2	
18 .....	97,030	( <sup>4</sup> )	( <sup>4</sup> )		( <sup>4</sup> )	
19 U. S. Bureau of Reclamation <sup>5</sup> .....enterprises..	1					
20 .....						
21 U. S. Bureau of Indian Affairs <sup>5</sup> .....enterprises..						
22 .....						
23 State.....enterprises..	1	1	1			1
24 .....	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )			( <sup>4</sup> )
25 City.....enterprises..	5					
26 .....	8,992					
<b>Use of surface, ground, pumped and stored water, 1949:</b>						
<b>Surface water:</b>						
27 Gravity only.....enterprises reporting..	2,178	1,033	535	54	160	324
28 .....	1,488,754	449,351	340,687	117,910	169,304	53,473
29 Pumped only.....enterprises reporting..	179	35	23	3	12	8
30 .....	8,988	1,850	1,196	140	800	256
31 Gravity and pumped.....enterprises reporting..	49	18	10	4	3	3
32 .....	16,958	1,442	715	103	413	199
33 Ground water only (pumped from wells).....enterprises reporting..	2,519	396	363	24	328	11
34 .....	221,006	23,524	20,712	2,031	18,338	343
35 Surface (gravity or pumped) and ground water.....enterprises reporting..	299	66	34	5	27	2
36 .....	36,750	18,810	12,818	4,278	8,328	212
<b>Stored water:</b>						
37 None stored.....enterprises reporting..	4,544	1,352	832	62	447	323
38 .....	855,644	233,751	138,935	43,194	52,963	42,778
39 Part stored.....enterprises reporting..	488	149	109	20	72	20
40 .....	872,886	248,403	229,612	79,634	139,025	10,953
41 All stored.....enterprises reporting..	192	47	24	8	11	5
42 .....	43,926	12,823	7,581	1,634	5,195	752
<b>Sources of surface water, 1949:<sup>6</sup></b>						
43 Streams (and lakes).....enterprises reporting..	2,451	1,055	546	58	175	316
44 .....	1,538,341	466,709	352,793	121,920	177,063	53,810
45 Springs.....enterprises reporting..	189	101	39	1	12	26
46 .....	20,293	10,642	3,431	40	662	2,729
47 Flowing wells.....enterprises reporting..	35	18	11	1	4	6
48 .....	9,904	6,584	5,686		120	5,566
49 Drainage water.....enterprises reporting..	238	68	43	15	21	7
50 .....	139,281	52,202	45,060	33,431	9,917	1,712
51 Sewage.....enterprises reporting..	6	1	1			1
52 .....	524	43	43			43
53 Other sources.....enterprises reporting..	1					
54 .....	52					
<b>Drainage of irrigated land:<sup>7</sup></b>						
<b>Irrigated land drained:</b>						
55 Enterprises reporting.....enterprises 1949..	337	129	90	35	36	20
56 Area supplied primary irrigation.....acres 1949..	530,432	255,085	236,210	101,969	129,741	4,560
57 Area artificially drained.....acres 1949..	126,790	82,042	79,839	26,446	51,474	1,919
58 .....	44,424	18,985	18,886	(*)	(*)	(*)
<b>Irrigated land in need of drainage:</b>						
59 Enterprises reporting.....enterprises 1949..	393	158	74	21	13	36
60 Area supplied primary irrigation.....acres 1949..	478,473	209,848	179,358	84,582	82,808	11,968
61 Area in need of drainage.....acres 1949..	49,538	31,125	27,313	9,076	15,097	3,140
62 .....	8,117	2,753	2,538	(*)	(*)	(*)

See footnotes at end of Drainage Basin Table 1, Part 1.





IRRIGATION OF AGRICULTURAL LANDS

Drainage Basin Table 1 (Part 1 of 4).—IRRIGATION ENTERPRISES: NUMBER AND CHARACTERISTICS, BY DRAINAGE BASINS: CENSUSES OF 1950 AND 1940—Continued

[Interbasin enterprises are counted in each drainage basin in which they had irrigation works, but only once in State total. For interbasin and interstate enterprises, number of enterprises represents characteristics of the entire enterprise, acreage represents acreage within the drainage basin or State, except where otherwise noted.]

Item (For definitions and explanations, see text)	North Platte River (VI-D)			South Platte River (VI-E)				
	Total	North Platte River direct (3d)	Laramie River (5a)	Total	South Platte River direct			
					Total	Below Sublette (1a)	Sublette to South Platte (1b)	Above South Platte (1c)
<b>ALL ENTERPRISES</b>								
<b>Farms and land irrigated:</b>								
1 All irrigation enterprises.....enterprises 1950..	191	171	20	3,436	1,890	583	1,221	91
2 1940..	231	215	16	2,519	(*)	(*)	(*)	(*)
3 Interbasin.....enterprises 1950..	2		2	24	16	6	14	
4 Farms irrigated direct per enterprise <sup>2</sup> .....farms 1950..	1.6	1.7	0.7	4.1	3.4	3.9	3.4	1.0
5 Irrigated land <sup>3</sup> .....acres 1949..	147,713	141,953	5,760	929,706	458,100	200,866	212,472	44,762
6 1939..	158,377	154,279	4,098	1,113,042	588,664	234,313	311,914	42,437
7 Average per enterprise.....acres 1949..	773	830	288	271	242	345	174	492
8 Average acreage irrigated direct per enterprise.....acres 1949..	844	909	288	323	293	403	224	499
<b>Type of enterprise, 1950:</b>								
9 Single-farm.....enterprises..	110	93	17	2,984	1,727	506	1,139	84
10 acres irrigated..	91,341	85,581	5,760	298,148	181,152	58,640	80,110	42,402
<b>Mutual:</b>								
11 Unincorporated.....enterprises..	78	78		124	37	26	6	5
12 acres irrigated..	69,897	69,897		44,381	26,040	22,571	479	2,990
<b>Incorporated.....enterprises..</b>								
13 1950..				314	116	46	68	2
14 acres irrigated..				682,729	262,365	100,982	161,383	(*)
15 Commercial.....enterprises..	2		2	3	1		1	
16 acres irrigated..	( <sup>4</sup> )		( <sup>4</sup> )	963	( <sup>4</sup> )		( <sup>4</sup> )	
17 District.....enterprises..				5	5	5	3	
18 acres irrigated..				74,476	74,476	52,565	21,911	
19 U. S. Bureau of Reclamation <sup>5</sup> .....enterprises..				1				
20 acres irrigated..								
21 U. S. Bureau of Indian Affairs <sup>5</sup> .....enterprises..								
22 acres irrigated..								
23 State.....enterprises..								
24 acres irrigated..								
25 City.....enterprises..	1		1	5	4		4	
26 acres irrigated..	( <sup>4</sup> )		( <sup>4</sup> )	8,992	8,992		8,992	
<b>Use of surface, ground, pumped and stored water, 1949:</b>								
<b>Surface water:</b>								
27 Gravity only.....enterprises reporting..	191	171	20	947	408	115	208	90
28 acres irrigated..	161,238	155,478	5,760	875,275	427,961	180,310	202,309	45,342
29 Pumped only.....enterprises reporting..				243	49		25	
30 acres irrigated..				7,078	2,121	1,131	990	
31 Gravity and pumped.....enterprises reporting..				31	8	3	5	
32 acres irrigated..				15,516	1,334	218	1,116	
33 Ground water only (pumped from wells).....enterprises reporting..				2,083	1,256	433	822	1
34 acres irrigated..				193,885	108,503	51,802	56,651	50
35 Surface (gravity or pumped) and ground water.....enterprises reporting..				232	169	8	161	
36 acres irrigated..				17,935	13,208	1,297	11,911	
<b>Stored water:</b>								
37 None stored.....enterprises reporting..	169	152	17	2,973	1,669	502	1,088	80
38 acres irrigated..	131,889	126,429	5,460	483,457	299,313	89,748	140,691	28,874
39 Part stored.....enterprises reporting..	20	18	2	319	155	64	87	7
40 acres irrigated..	29,249	28,949	300	595,229	277,272	136,041	124,803	16,428
41 All stored.....enterprises reporting..	2	1	1	144	66	17	46	4
42 acres irrigated..	100	100		31,003	16,542	8,969	7,483	90
<b>Sources of surface water, 1949:<sup>6</sup></b>								
43 Streams (and lakes).....enterprises reporting..	190	170	20	1,198	567	118	369	85
44 acres irrigated..	161,218	155,458	5,760	907,464	441,120	180,930	214,990	45,200
45 Springs.....enterprises reporting..	4	4		83	36	16	10	11
46 acres irrigated..	2,305	2,305		7,341	3,233	1,844	470	919
47 Flowing wells.....enterprises reporting..	1	1		16	10		9	1
48 acres irrigated..	2,000	2,000		1,320	527		492	35
49 Drainage water.....enterprises reporting..	3	3		167	57	27	31	1
50 acres irrigated..	1,440	1,440		85,639	56,716	28,027	28,659	30
51 Sewage.....enterprises reporting..				5	2		2	
52 acres irrigated..				481	202		202	
53 Other sources.....enterprises reporting..				1				
54 acres irrigated..				52				
<b>Drainage of irrigated land:<sup>7</sup></b>								
<b>Irrigated land drained:</b>								
55 Enterprises reporting.....enterprises 1949..	7	7		201	65	15	50	
56 Area supplied primary irrigation.....acres 1949..	8,115	8,115		267,232	129,417	60,232	69,185	
57 Area artificially drained.....acres 1949..	1,370	1,370		43,378	14,102	10,019	4,083	
58 acres 1939..	(*)	(*)		25,036	(*)	(*)	(*)	(*)
<b>Irrigated land in need of drainage:</b>								
59 Enterprises reporting.....enterprises 1949..	30	28	2	205	81	19	60	2
60 Area supplied primary irrigation.....acres 1949..	23,308	22,433	875	245,317	133,943	55,087	77,831	1,025
61 Area in need of drainage.....acres 1949..	2,770	2,690	80	15,643	7,063	3,821	3,187	
62 acres 1939..	(*)	(*)		4,964	(*)	(*)	(*)	(*)

See footnotes at end of Drainage Basin Table 1, Part 1.

Drainage Basin Table 1 (Part 1 of 4)--IRRIGATION ENTERPRISES: NUMBER AND CHARACTERISTICS, BY DRAINAGE BASINS: CENSUSES OF 1950 AND 1940--Continued

[Interbasin enterprises are counted in each drainage basin in which they had irrigation works, but only once in State total. For interbasin and interstate enterprises, number of enterprises represents characteristics of the entire enterprise, acreage represents acreage within the drainage basin or State, except where otherwise noted.]

Item (For definitions and explanations, see text)		South Platte River (VI-E)--Continued							
		Upper Beaver Creek	Upper Bijou Creek	Crow Creek	Cache La Poudre River	Thompson River	St. Vrain and Boulder Creeks	Clear Creek	Bear Creek
		(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
ALL ENTERPRISES									
Farms and land irrigated:									
1	All irrigation enterprises.....enterprises 1950..	85	117	51	804	137	234	106	32
2	..... 1940..	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
3	Interbasin.....enterprises 1950..	1		1	6	7	5	3	5
4	Farms irrigated direct per enterprise <sup>2</sup> .....farms 1950..	1.2	1.0	1.6	3.6	6.9	9.0	10.1	5.4
5	Irrigated land <sup>3</sup> .....acres 1949..	9,834	18,688	7,130	220,395	62,833	125,749	18,998	7,979
6	.....acres 1939..	5,479	6,776	2,962	226,029	74,894	155,246	40,960	12,032
7	Average per enterprise.....acres 1949..	116	160	140	274	459	537	179	249
8	Average acreage irrigated direct per enterprise.....acres 1949..	125	162	188	333	530	617	210	326
Type of enterprise, 1950:									
9	Single-farm.....enterprises..	83	117	49	730	90	105	63	21
10	.....acres irrigated..	9,591	18,993	5,251	67,535	5,588	7,376	1,319	1,343
Mutual:									
11	Unincorporated.....enterprises..				6	6	55	20	
12	.....acres irrigated..				1,292	3,358	11,867	1,824	
13	Incorporated.....enterprises..	2		2	65	40	73	22	10
14	.....acres irrigated..	( <sup>4</sup> )		( <sup>4</sup> )	198,902	63,652	125,071	18,525	8,816
15	Commercial.....enterprises..				1			1	1
16	.....acres irrigated..				( <sup>4</sup> )			( <sup>4</sup> )	( <sup>4</sup> )
17	District.....enterprises..								
18	.....acres irrigated..								
19	U. S. Bureau of Reclamation <sup>5</sup> .....enterprises..				1	1	1		
20	.....acres irrigated..								
21	U. S. Bureau of Indian Affairs <sup>5</sup> .....enterprises..								
22	.....acres irrigated..								
23	State.....enterprises..								
24	.....acres irrigated..								
25	City.....enterprises..				1				
26	.....acres irrigated..				( <sup>4</sup> )				
Use of surface, ground, pumped and stored water, 1949:									
Surface water:									
27	Gravity only.....enterprises reporting..	2	1	5	181	93	188	61	26
28	.....acres irrigated..	1,054	305	4,876	207,095	64,229	137,989	21,668	10,098
29	Pumped only.....enterprises reporting..				60	13	14	5	2
30	.....acres irrigated..				3,866	450	535	34	72
31	Gravity and pumped.....enterprises reporting..				11	3	6	2	3
32	.....acres irrigated..				3,984	6,158	3,747	17	276
33	Ground water only (pumped from wells).....enterprises reporting..	83	116	42	518	24	23	21	
34	.....acres irrigated..	9,591	18,688	4,439	49,188	1,389	1,967	120	
35	Surface (gravity or pumped) and ground water.....enterprises reporting..			4	34	4	3	17	1
36	.....acres irrigated..			280	3,596	372	76	402	1
Stored water:									
37	None stored.....enterprises reporting..	84	117	46	703	85	166	81	23
38	.....acres irrigated..	10,065	18,993	4,719	104,353	14,525	59,934	5,937	5,618
39	Part stored.....enterprises reporting..	1		3	64	33	52	20	5
40	.....acres irrigated..	580		4,546	155,160	55,565	82,117	16,133	3,856
41	All stored.....enterprises reporting..			2	37	19	16	5	4
42	.....acres irrigated..			330	8,216	2,508	2,263	171	973
Sources of surface water, 1949: <sup>6</sup>									
43	Streams (and lakes).....enterprises reporting..	2	1	7	243	98	194	78	28
44	.....acres irrigated..	1,054	305	5,096	215,558	70,456	141,529	22,039	10,307
45	Springs.....enterprises reporting..			3	20	4	5	9	6
46	.....acres irrigated..			262	1,894	67	850	400	635
47	Flowing wells.....enterprises reporting..						3		
48	.....acres irrigated..				773		20		
49	Drainage water.....enterprises reporting..				56	24	25	5	
50	.....acres irrigated..				8,525	17,458	2,885	55	
51	Sewage.....enterprises reporting..				1	2			
52	.....acres irrigated..				82	197			
53	Other sources.....enterprises reporting..						1		
54	.....acres irrigated..						52		
Drainage of irrigated land: <sup>7</sup>									
Irrigated land drained:									
55	Enterprises reporting.....enterprises 1949..				55	25	54	6	
56	Area supplied primary irrigation.....acres 1949..				61,591	30,303	39,463	6,458	
57	Area artificially drained.....acres 1949..				14,207	5,172	9,343	554	
58	.....acres 1939..	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
Irrigated land in need of drainage:									
59	Enterprises reporting.....enterprises 1949..	1			60	19	39	6	2
60	Area supplied primary irrigation.....acres 1949..	62			51,434	16,585	36,077	6,966	270
61	Area in need of drainage.....acres 1949..				3,179	1,401	3,740	230	
62	.....acres 1939..	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)

\*Not available. <sup>1</sup>For 1940, includes data for less than 3 enterprises in Whitewoman Creek (Basin VI-B-5) and Smoky Hill River (Basin VI-C-2a). <sup>2</sup>Farms and acreage irrigated direct by 2 or more enterprises are counted for each enterprise. <sup>3</sup>Acreage irrigated direct by 2 or more enterprises is counted only once. Acreage for 1939 is estimated acreage within revised drainage basin boundaries. <sup>4</sup>Data for less than 3 enterprises, not shown separately. <sup>5</sup>Data for less than 3 enterprises shown with permission of the enterprise. <sup>6</sup>Enterprises reporting water from more than 1 source are counted for each. <sup>7</sup>For interbasin and interstate enterprises, data represent characteristics within the drainage basin or State.

IRRIGATION OF AGRICULTURAL LANDS

Drainage Basin Table 1 (Part 2 of 4).—IRRIGATION ENTERPRISES: NUMBER AND

[Interbasin enterprises are counted in each drainage basin in which they had irrigation works, but only once in State total. For interbasin enterprises,

Item (For definitions and explanations, see text)	The State	Gulf of California, total	Colorado River excluding Green and Gunnison Rivers (IV-D)				
			Total	Colorado River direct			
				Total	Below Cameo (1a)	Cameo to Dotsero (1b)	Above Dotsero (1c)
<b>ALL ENTERPRISES</b>							
<b>Irrigation works:</b>							
1 Diversion dams.....enterprises reporting 1950..	4,424	2,325	1,195	385	46	194	145
2 Diversion dams.....dams 1950..	7,709	3,894	2,068	685	65	286	334
3 Diversion dams.....dams 1940..	4,792	2,248	1,233	291	(*)	(*)	(*)
<b>Diversion dams by material:</b>							
4 Concrete or masonry.....dams 1950..	583	203	111	44	7	31	6
5 Timber.....dams 1950..	951	457	232	80	7	40	33
6 Earth and rock.....dams 1950..	5,442	2,945	1,627	530	42	201	287
7 Other, mixed, and not reported.....dams 1950..	733	289	98	31	9	14	8
8 Reservoirs.....enterprises reporting 1950..	770	322	126	44	6	4	34
9 Reservoirs.....reservoirs 1950..	1,182	477	207	59	9	8	42
10 Reservoirs.....reservoirs 1940..	1,071	434	161	51	(*)	(*)	(*)
11 Reservoirs for which capacity was reported.....reservoirs 1950..	1,106	437	179	42	9	7	26
12 total capacity, acre-feet 1950..	2,028,550	422,359	238,580	14,902	4,165	5,281	5,456
13 Reservoirs.....reservoirs 1940..	2,071,522	266,421	84,639	9,137	(*)	(*)	(*)
<b>Reservoirs by capacity:</b>							
14 1-99 acre-feet.....reservoirs 1950..	628	236	85	17	2	2	13
15 100-999 acre-feet.....reservoirs 1950..	310	163	73	21	5	4	12
16 1,000 acre-feet and over.....reservoirs 1950..	168	38	21	4	2	1	1
<b>Reservoir dams by material:</b>							
17 Concrete or masonry.....dams 1950..	25	3	1	.....	.....	.....	.....
18 Earth and rock.....dams 1950..	1,108	444	191	53	9	7	37
19 Other, mixed, and not reported.....dams 1950..	49	30	15	6	.....	1	5
20 Canals and ditches.....enterprises reporting 1950..	4,818	2,164	1,170	352	41	184	127
21 Canals and ditches.....total length, miles 1950..	18,729	7,625	4,425	1,363	470	518	375
22 Canals and ditches.....total length, miles 1940..	19,864	8,295	4,296	1,417	(*)	(*)	(*)
<b>Pipelines and siphons<sup>2</sup>:</b>							
23 Pipelines and siphons.....enterprises reporting 1950..	327	137	98	48	12	29	7
24 Pipelines and siphons.....total length, miles 1950..	251	78	41	17	6	8	3
25 Pipelines and siphons.....total length, miles 1940..	245	59	41	23	(*)	(*)	(*)
<b>Tunnels:</b>							
26 Tunnels.....enterprises reporting 1950..	51	28	20	8	3	3	2
27 Tunnels.....total length, feet 1950..	146,022	104,019	57,155	20,149	15,300	1,290	3,559
<b>Flowing wells:</b>							
28 Flowing wells.....enterprises reporting 1950..	236	14	7	.....	.....	.....	.....
29 Flowing wells.....wells 1950..	1,371	23	11	2	.....	.....	.....
30 Flowing wells.....wells 1940..	886	7	.....	.....	(*)	(*)	(*)
<b>Pumped wells:</b>							
31 Pumped wells.....enterprises reporting 1950..	3,309	22	8	4	2	1	1
32 Pumped wells.....wells 1950..	4,988	28	14	7	4	1	2
33 Pumped wells.....wells 1940..	2,878	7	.....	.....	(*)	(*)	(*)
34 Wells for which pumping lift was reported.....wells 1949..	4,685	25	13	6	3	1	2
35 Average pumping lift.....feet 1949..	37	29	34	53	20	100	80
36 Average pumping lift.....feet 1939..	33	20	(*)	(*)	(*)	(*)	(*)
<b>Irrigation pumps:</b>							
37 Irrigation pumps.....enterprises reporting 1950..	3,706	177	91	65	48	9	8
38 Irrigation pumps.....pumps 1950..	5,366	226	119	85	65	9	11
39 Irrigation pumps.....pumps 1940..	2,818	80	43	33	(*)	(*)	(*)
<b>Electric motors used for pumping:</b>							
40 Electric motors used for pumping.....enterprises reporting 1950..	2,681	76	55	47	39	5	3
41 Electric motors used for pumping.....electric motors 1950..	3,911	96	73	62	53	5	4
42 Electric motors used for pumping.....electric motors 1940..	1,088	17	12	12	(*)	(*)	(*)
<b>Other motors and engines used for pumping:</b>							
43 Other motors and engines used for pumping.....enterprises reporting 1950..	1,166	94	40	20	10	4	6
44 Other motors and engines used for pumping.....other motors and engines 1950..	1,356	110	48	26	12	4	10
45 Other motors and engines used for pumping.....other motors and engines 1940..	1,718	67	33	22	(*)	(*)	(*)
<b>Season of irrigation, 1949:</b>							
46 Water delivered only before July 1.....enterprises reporting..	316	118	69	37	6	28	3
47 Water delivered only before July 1.....acres irrigated..	45,539	15,564	9,345	4,718	595	3,802	321
48 Water delivered before and after July 1.....enterprises reporting..	7,817	2,524	1,317	422	83	181	158
49 Water delivered before and after July 1.....acres irrigated..	3,212,190	827,166	458,197	156,384	73,003	46,485	36,896
50 Water delivered only after July 1.....enterprises reporting..	407	63	21	7	3	2	2
51 Water delivered only after July 1.....acres irrigated..	30,136	4,159	2,964	251	161	80	10
<b>Capital investment:</b>							
<b>Capital investment in irrigation works and water rights to Jan. 1, 1940:</b>							
52 Capital investment in irrigation works and water rights to Jan. 1, 1940.....dollars 1940..	106,849,343	31,494,515	16,912,810	6,918,957	(*)	(*)	(*)
<b>New capital investment Jan. 1, 1940, to Jan. 1, 1950:</b>							
53 Enterprises reporting.....enterprises 1950..	4,210	1,358	673	185	40	90	55
54 Amount.....dollars 1950..	56,446,470	26,506,295	24,363,062	18,127,007	315,525	165,463	17,646,019
55 Area irrigated direct.....acres 1949..	1,430,915	560,781	304,179	115,715	60,595	31,481	23,639
56 Total capital investment Jan. 1, 1950.....dollars 1950..	163,295,813	58,000,810	41,275,872	25,045,964	(*)	(*)	(*)
<b>Indebtedness:<sup>4</sup></b>							
<b>Outstanding bonds, construction cost, and other funded obligations, Jan. 1, 1950:</b>							
57 Enterprises reporting.....enterprises 1950..	148	67	39	11	4	6	1
58 Amount.....dollars 1950..	44,165,521	13,578,224	6,336,780	3,250,755	3,241,206	8,849	700
59 Enterprises reporting.....enterprises 1940..	22,810,607	11,889,897	3,956,757	3,607,622	(*)	(*)	(*)
60 Amount.....dollars 1940..	604,540	275,948	172,172	67,428	59,187	6,020	2,221
<b>Area irrigated direct:</b>							
61 Area irrigated direct.....acres 1949..	.....	.....	.....	.....	.....	.....	.....
62 Enterprises reporting.....enterprises 1950..	8	6	4	.....	.....	.....	.....
63 Amount.....dollars 1950..	416,469	146,359	121,840	.....	.....	.....	.....
64 Area irrigated direct.....acres 1949..	27,756	13,846	11,769	.....	.....	.....	.....

See footnotes at end of Drainage Basin Table 1, Part 2.





CHARACTERISTICS, BY DRAINAGE BASINS: CENSUSES OF 1950 AND 1940--Continued

data represent characteristics within the drainage basin or State. Acreage irrigated direct by 2 or more enterprises is counted for each enterprise]

Gunnison River (IV-F)							Gulf of Mexico: Rio Grande (V-C)									
Total	Gunnison River direct	Uncompahgre River	North Fork	Smith Fork	Tonichi Creek	Slate River	Total	Rio Grande direct	Costilla Creek	San Antonio and Conejos Rivers	Trinchera Creek	Lajara and Alamosa Creeks	San Luis Lake and San Luis Creek			
													Total	San Luis Lake and San Luis Creek direct (14a)	Saguache Creek (14b)	
	(1)	(2)	(3)	(4)	(5)	(6)		(1c)	(10)	(11)	(12)	(13)				
764	358	150	111	40	82	24	481	158	32	104	9	103	78	43	35	
1,275	581	234	167	62	194	37	803	247	36	125	23	133	239	131	108	
780	(*)	(*)	117	9	192	26	556	(*)	40	(*)	5	(*)	195	(*)	(*)	
58	33	8	13	1	2	1	37	8	8	8	12	1			4	
172	76	54	14	10	16	2	162	53	9	38		36	26	21	5	
891	418	164	133	51	91	34	503	177	14	57	11	78	166	101	65	
154	54	8	7		85		101	9	5	22		18	47	9	38	
148	84	8	49	7	1	1	26	13	3	1	1	6	3	3	8	
207	131	9	3	54	8	2	36	17	6	1	2	7	3	3	9	
208	(*)	(*)	55	3		1	33	(*)	5	(*)	2	(*)	4	(*)	10	
204	130	9	54	6	2	3	35	17	6	1	2	6	3	3	11	
162,262	143,113	1,272	8,977	8,832	28	40	302,785	128,497	107,153	9,710	25,500	31,918	7	7	12	
164,091	(*)	(*)	13,032	9,172		(*)	304,686	(*)	114,125	(*)	(*)	(*)	(*)	(*)	13	
114	65	7	33	4	2	3	15	6	2			4	3	3	14	
78	56	1	20	1			9	7	2						15	
12	9	1	1	1			11	4	2	1	2	2			16	
2	1		1				1					1			17	
201	128	7	53	8	2	3	32	16	6		2	5	3	3	18	
4	2	2					3	1	1	1		1			19	
668	305	140	118	37	53	18	670	359	35	121	16	103	47	20	27	
2,384	744	958	388	170	94	30	2,746	1,262	246	407	90	558	183	93	90	
2,840	(*)	(*)	430	156	305	84	1,988	(*)	233	(*)	89	(*)	188	(*)	(*)	
29	17	3	5	2	1	1	9	7			1		1	1	23	
32	8	17	1	6	(3)	(3)	10	5			4		1	1	24	
14	(*)	(*)	2	1			3	(*)		(*)		(*)	(*)	(*)	25	
8	5	2		1			1	1							26	
44,764	18,700	25,997		67			602	602							27	
5	3		2				185	85				74	25	11	14	
7	5		2				1,302	543		2			209	75	134	
	(*)	(*)					853	(*)		(*)		(*)	320	(*)	(*)	
11	2		8		1		467	263	1	14	6	71	13	7	6	
11	2		8		1		827	652	2	18	16	118	21	13	8	
	(*)	(*)					433	(*)		(*)		(*)	4	(*)	(*)	
10	2		7		1		722	578		15	6	104	19	11	8	
26	21		28		16		30	25		96	44	50	27	37	13	
	(*)	(*)					(*)	(*)		(*)		(*)	(*)	(*)	(*)	
34	17		15		2		490	367	1	13	6	91	13	7	6	
38	21		15		2		831	639	2	15	16	136	23	13	10	
8	(*)	(*)	1				385	(*)		(*)		(*)	4	(*)	(*)	
14	4		10				298	209		6	2	37	4	2	40	
15	5		10				449	369		8	3	59	10	7	41	
3	(*)	(*)					55	(*)		(*)		(*)		(*)	(*)	
16	11		4		1		271	187	1	9	4	61	10	6	4	
18	13		4		1		351	240	2	10	13	74	12	6	6	
8	(*)	(*)	1				329	(*)		(*)		(*)	4	(*)	(*)	
21	9	6	5	1			55	15		20		8	12	9	3	
3,537	1,009	586	1,859	83			14,511	1,548		7,074		2,365	3,524	2,744	780	
850	407	157	135	42	87	26	709	287	37	121	17	179	83	40	43	
284,850	97,356	105,454	28,687	19,873	27,511	5,969	671,146	279,803	28,790	88,394	14,471	172,573	87,115	45,545	41,570	
38	17		20	1			134	59		6		38	1		1	
842	313		349	180			7,970	4,436		205		3,169	160		160	
13,225,366	(*)	(*)	1,271,099	573,039	118,939	76,238	12,828,779	(*)	1,778,431	(*)	628,730	(*)	178,709	(*)	(*)	
505	241	103	86	29	33	15	487	247	10	49	7	150	28	17	11	
1,798,413	392,189	218,695	1,090,462	34,066	27,301	35,700	2,915,275	794,746	15,760	1,441,072	35,368	578,334	49,995	37,259	12,736	
207,874	59,907	98,262	19,110	12,313	14,468	3,814	163,208	58,500	4,441	27,529	2,892	53,456	16,390	13,700	2,690	
15,023,779	(*)	(*)	2,361,561	607,105	146,240	111,938	15,744,054	(*)	1,794,191	(*)	664,098	(*)	228,704	(*)	(*)	
25	13	4	12				13	8	1	1		5			57	
7,108,200	473,307	5,793,726	828,667	7,500			1,692,483	165,977	75,186	1,348,442		102,878			58	
7,844,239	(*)	(*)	108,315	68,000			2,842,439	(*)	166,427	(*)	659,124	(*)		(*)	59	
101,264	16,866	73,210	10,171	1,017			87,266	55,612	13,910			17,744			60	
1	1						1		1						61	
23,000	23,000						75,186		75,186						62	
936	936						13,910		13,910						63	

IRRIGATION OF AGRICULTURAL LANDS

Drainage Basin Table 1 (Part 2 of 4).—IRRIGATION ENTERPRISES: NUMBER AND

[Interbasin enterprises are counted in each drainage basin in which they had irrigation works, but only once in State total. For interbasin enterprises,

Item (For definitions and explanations, see text)	Mississippi River, total	Arkansas River (VI-B)				
		Total	Arkansas River direct			Above Pueblo (1c)
			Total	Below John Martin Dam (1a)	John Martin Dam to Pueblo (1b)	
<b>ALL ENTERPRISES</b>						
<b>Irrigation works:</b>						
1 Diversion dams.....enterprises reporting 1950..	1,623	834	400	25	88	288
2 ..dams 1950..	3,012	1,519	623	28	127	468
3 ..1940..	1,988	706	340	(*)	(*)	(*)
Diversion dams by material:						
4 Concrete or masonry.....dams 1950..	343	91	37	7	6	24
5 Timber.....dams 1950..	332	184	59	3	25	31
6 Earth and rock.....dams 1950..	1,994	1,076	490	9	80	401
7 Other, mixed, and not reported.....dams 1950..	343	168	37	9	16	12
8 Reservoirs.....enterprises reporting 1950..	422	111	46	11	18	18
9 ..reservoirs 1950..	669	184	71	20	31	20
10 ..1940..	604	218	147	(*)	(*)	(*)
11 Reservoirs for which capacity was reported.....reservoirs 1950..	634	171	68	20	31	17
12 ..total capacity, acre-feet 1950..	1,303,406	525,153	465,087	218,992	180,627	65,468
13 ..1940..	1,500,415	736,443	701,240	(*)	(*)	(*)
Reservoirs by capacity:						
14 1-99 acre-feet.....reservoirs 1950..	377	125	44	14	19	11
15 100-999 acre-feet.....reservoirs 1950..	138	20	7	.....	4	3
16 1,000 acre-feet and over.....reservoirs 1950..	119	26	17	6	8	3
Reservoir dams by material:						
17 Concrete or masonry.....dams 1950..	21	5	4	.....	2	2
18 Earth and rock.....dams 1950..	632	173	66	20	28	18
19 Other, mixed, and not reported.....dams 1950..	16	6	1	.....	1	.....
20 Canals and ditches.....enterprises reporting 1950..	1,996	918	485	60	185	242
21 ..total length, miles 1950..	8,359	3,149	2,049	488	927	634
22 ..1940..	9,581	3,589	2,456	(*)	(*)	(*)
23 Pipelines and siphons <sup>2</sup> .....enterprises reporting 1950..	182	75	53	4	24	25
24 ..total length, miles 1950..	162	111	92	1	13	78
25 ..1940..	184	100	84	(*)	(*)	(*)
26 Tunnels.....enterprises reporting 1950..	25	9	6	.....	.....	6
27 ..total length, feet 1950..	41,401	13,070	12,440	150	.....	12,290
28 Flowing wells.....enterprises reporting 1950..	37	20	11	1	4	6
29 ..wells 1950..	46	25	13	2	4	7
30 ..1940..	26	22	22	(*)	(*)	(*)
31 Pumped wells.....enterprises reporting 1950..	2,820	459	393	29	351	13
32 ..wells 1950..	4,133	739	606	54	538	14
33 ..1940..	2,438	449	396	(*)	(*)	(*)
34 Wells for which pumping lift was reported.....wells 1949..	3,938	680	569	53	507	9
35 ..Average pumping lift.....feet 1949..	38	29	29	30	29	24
36 ..1939..	(*)	27	(*)	(*)	(*)	(*)
37 Irrigation pumps.....enterprises reporting 1950..	3,039	510	425	36	365	24
38 ..pumps 1950..	4,309	744	594	58	508	28
39 ..1940..	2,333	434	372	(*)	(*)	(*)
40 Electric motors used for pumping.....enterprises reporting 1950..	2,347	358	309	15	280	14
41 ..electric motors 1950..	3,366	527	437	30	390	17
42 ..1940..	1,016	114	102	(*)	(*)	(*)
43 Other motors and engines used for pumping.....enterprises reporting 1950..	801	173	132	19	100	13
44 ..other motors and engines 1950..	895	199	150	21	116	13
45 ..1940..	1,322	315	264	(*)	(*)	(*)
<b>Season of irrigation, 1949:</b>						
46 Water delivered only before July 1.....enterprises reporting..	143	97	31	.....	18	13
47 ..acres irrigated..	15,464	10,835	2,858	.....	1,864	994
48 Water delivered before and after July 1.....enterprises reporting..	4,590	1,357	861	82	460	322
49 ..acres irrigated..	1,713,878	475,451	368,130	121,841	193,294	52,995
50 Water delivered only after July 1.....enterprises reporting..	241	29	25	3	17	5
51 ..acres irrigated..	18,007	3,190	3,108	1,441	1,370	297
<b>Capital investment:</b>						
52 Capital investment in irrigation works and water rights to Jan. 1, 1940.....dollars 1940..	62,526,049	20,370,917	17,494,115	(*)	(*)	(*)
New capital investment Jan. 1, 1940, to Jan. 1, 1950:						
53 Enterprises reporting.....enterprises 1950..	2,370	670	429	41	268	122
54 Amount.....dollars 1950..	27,024,900	1,685,144	1,139,270	193,048	731,593	214,629
55 Area irrigated direct.....acres 1949..	706,926	197,190	144,418	21,053	104,084	19,281
56 Total capital investment Jan. 1, 1950.....dollars 1950..	89,550,949	22,056,061	18,633,385	(*)	(*)	(*)
<b>Indebtedness:</b>						
Outstanding bonds, construction cost, and other funded obligations, Jan. 1, 1950:						
57 Enterprises reporting.....enterprises 1950..	69	23	14	2	9	3
58 Amount.....dollars 1950..	28,894,814	2,068,472	1,823,512	9,589	1,795,448	18,475
59 ..1940..	8,078,271	3,863,724	3,282,154	(*)	(*)	(*)
60 Area irrigated direct.....acres 1949..	241,326	69,109	46,323	6,824	38,363	1,136
Arrears in payment of principal or interest on bonds, construction cost, and other funded obligations, Jan. 1, 1950:						
61 Enterprises reporting.....enterprises 1950..	1	.....	.....	.....	.....	.....
62 Amount.....dollars 1950..	194,924	.....	.....	.....	.....	.....
63 Area irrigated direct.....acres 1949..	.....	.....	.....	.....	.....	.....

See footnotes at end of Drainage Basin Table 1, Part 2.





IRRIGATION OF AGRICULTURAL LANDS

Drainage Basin Table 1 (Part 2 of 4).—IRRIGATION ENTERPRISES: NUMBER AND CHARACTERISTICS, BY DRAINAGE BASINS: CENSUSES OF 1950 AND 1940—Continued

[Interbasin enterprises are counted in each drainage basin in which they had irrigation works, but only once in State total. For interbasin enterprises, data represent characteristics within the drainage basin or State. Acreage irrigated direct by 2 or more enterprises is counted for each enterprise.]

Item (For definitions and explanations, see text)	North Platte River (VI-D)			South Platte River (VI-E)					
	Total	North Platte River direct (3d)	Laramie River (5a)	Total	South Platte River direct				
					Total	Below Sublette (1a)	Sublette to South Platte (1b)	Above South Platte (1c)	
<b>ALL ENTERPRISES</b>									
<b>Irrigation works:</b>									
1	Diversion dams.....enterprises reporting 1950..	182	166	16	601	269	60	133	80
2	.....dams 1950..	427	384	43	1,052	486	78	162	246
3	.....dams 1940..	331	325	6	927	(*)	(*)	(*)	(*)
<b>Diversion dams by material:</b>									
4	Concrete or masonry.....dams 1950..	10	10	.....	241	55	15	39	1
5	Timber.....dams 1950..	33	30	3	114	55	3	11	41
6	Earth and rock.....dams 1950..	339	299	40	568	277	33	78	166
7	Other, mixed, and not reported.....dams 1950..	45	45	.....	129	99	27	34	38
8	Reservoirs.....enterprises reporting 1950..	20	19	1	289	127	22	98	8
9	.....reservoirs 1950..	29	28	1	453	179	25	133	21
10	.....reservoirs 1940..	12	12	.....	368	(*)	(*)	(*)	(*)
11	Reservoirs for which capacity was reported.....reservoirs 1950..	29	28	1	431	165	25	129	11
12	.....total capacity, acre-feet 1950..	12,606	12,346	260	765,622	394,034	235,225	149,482	9,327
13	.....1940..	7,118	7,118	.....	756,379	(*)	(*)	(*)	(*)
<b>Reservoirs by capacity:</b>									
14	1-99 acre-feet.....reservoirs 1950..	13	13	.....	236	113	15	96	2
15	100-999 acre-feet.....reservoirs 1950..	14	13	1	104	30	2	21	7
16	1,000 acre-feet and over.....reservoirs 1950..	2	2	.....	91	22	8	12	2
<b>Reservoir dams by material:</b>									
17	Concrete or masonry.....dams 1950..	3	3	.....	13	6	1	5	.....
18	Earth and rock.....dams 1950..	26	25	1	430	171	24	126	21
19	Other, mixed, and not reported.....dams 1950..	.....	.....	.....	10	2	.....	2	.....
20	Canals and ditches.....enterprises reporting 1950..	157	148	9	914	409	92	272	51
21	.....total length, miles 1950..	593	563	30	4,569	2,274	848	1,185	241
22	.....1940..	1,198	1,193	5	4,739	(*)	(*)	(*)	(*)
23	Pipelines and siphons <sup>2</sup> .....enterprises reporting 1950..	3	3	.....	102	34	5	26	3
24	.....total length, miles 1950..	1	1	.....	50	22	2	19	1
25	.....1940..	1	1	.....	83	(*)	(*)	(*)	(*)
26	Tunnels.....enterprises reporting 1950..	2	.....	2	15	2	.....	2	.....
27	.....total length, feet 1950..	13,803	.....	13,803	14,528	1,670	.....	1,670	.....
28	Flowing wells.....enterprises reporting 1950..	1	1	.....	16	10	.....	9	1
29	.....wells 1950..	2	2	.....	19	12	.....	11	1
30	.....1940..	.....	.....	.....	4	(*)	(*)	(*)	(*)
31	Pumped wells.....enterprises reporting 1950..	.....	.....	.....	2,320	1,427	440	986	1
32	.....wells 1950..	.....	.....	.....	3,335	1,896	524	1,370	2
33	.....1940..	2	2	.....	1,980	(*)	(*)	(*)	(*)
34	Wells for which pumping lift was reported.....wells 1949..	.....	.....	.....	3,199	1,832	509	1,321	2
35	.....Average pumping lift.....feet 1949..	.....	.....	.....	39	41	46	39	20
36	.....1939..	(*)	(*)	.....	36	(*)	(*)	(*)	(*)
37	Irrigation pumps.....enterprises reporting 1950..	.....	.....	.....	2,487	1,478	465	1,012	1
38	.....pumps 1950..	.....	.....	.....	3,504	1,957	550	1,405	2
39	.....1940..	2	2	.....	1,907	(*)	(*)	(*)	(*)
40	Electric motors used for pumping.....enterprises reporting 1950..	.....	.....	.....	1,987	1,132	319	813	.....
41	.....electric motors 1950..	.....	.....	.....	2,837	1,502	371	1,131	.....
42	.....1940..	.....	.....	.....	902	(*)	(*)	(*)	(*)
43	Other motors and engines used for pumping.....enterprises reporting 1950..	.....	.....	.....	589	410	159	250	1
44	.....other motors and engines 1950..	.....	.....	.....	640	441	172	267	2
45	.....1940..	2	2	.....	995	(*)	(*)	(*)	(*)
<b>Season of Irrigation, 1949:</b>									
46	Water delivered only before July 1.....enterprises reporting..	3	1	2	43	26	8	18	.....
47	.....acres irrigated..	1,915	1,100	815	2,714	1,343	487	856	.....
48	Water delivered before and after July 1.....enterprises reporting..	187	170	17	2,013	1,599	491	1,025	88
49	.....acres irrigated..	158,623	154,378	4,245	1,075,545	531,624	223,307	263,035	45,282
50	Water delivered only after July 1.....enterprises reporting..	.....	.....	.....	201	132	41	88	3
51	.....acres irrigated..	.....	.....	.....	14,174	9,052	2,669	6,273	110
<b>Capital investment:</b>									
52	Capital investment in irrigation works and water rights to Jan. 1, 1940.....dollars 1940..	814,027	789,850	24,177	41,296,163	(*)	(*)	(*)	(*)
New capital investment Jan. 1, 1940, to Jan. 1, 1950:									
53	Enterprises reporting.....enterprises 1950..	79	79	.....	1,587	877	305	557	18
54	Amount.....dollars 1950..	183,888	183,888	.....	24,977,502	2,446,068	1,059,293	1,374,996	11,779
55	Area irrigated direct.....acres 1949..	85,396	85,396	.....	421,186	228,457	114,106	104,409	9,942
56	Total capital investment Jan. 1, 1950.....dollars 1950..	997,915	973,738	24,177	66,273,665	(*)	(*)	(*)	(*)
<b>Indebtedness:</b>									
Outstanding bonds, construction cost, and other funded obligations, Jan. 1, 1950:									
57	Enterprises reporting.....enterprises 1950..	1	.....	1	44	13	3	10	.....
58	Amount.....dollars 1950..	125,000	.....	125,000	26,700,142	709,207	316,324	392,883	.....
59	.....1949..	.....	.....	.....	4,211,267	(*)	(*)	(*)	(*)
60	Area irrigated direct.....acres 1949..	.....	.....	.....	171,634	55,220	1,706	53,514	.....
Arrears in payment of principal or interest on bonds, construction cost, and other funded obligations, Jan. 1, 1950:									
61	Enterprises reporting.....enterprises 1950..	.....	.....	.....	1	1	1	.....	.....
62	Amount.....dollars 1950..	.....	.....	.....	194,924	194,924	194,924	.....	.....
63	Area irrigated direct.....acres 1949..	.....	.....	.....	.....	.....	.....	.....	.....

See footnotes at end of Drainage Basin Table 1, Part 2.

Drainage Basin Table 1 (Part 2 of 4).—IRRIGATION ENTERPRISES: NUMBER AND CHARACTERISTICS, BY DRAINAGE BASINS: CENSUSES OF 1950 AND 1940—Continued

[Interbasin enterprises are counted in each drainage basin in which they had irrigation works, but only once in State total. For interbasin enterprises, data represent characteristics within the drainage basin or State. Acreage irrigated direct by 2 or more enterprises is counted for each enterprise.]

Item (For definitions and explanations, see text)	South Platte River (VI-E)—Continued							
	Upper Beaver Creek	Upper Bijou Creek	Crow Creek	Cache la Poudre River	Thompson River	St. Vrain and Boulder Creeks	Clear Creek	Bear Creek
	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
<b>ALL ENTERPRISES</b>								
<b>Irrigation works:</b>								
1 Diversion dams.....enterprises reporting 1950..	1	1	5	117	50	108	31	22
2 dams 1950..	1	1	8	279	73	140	38	26
3 dams 1940..	(*)	(*)	(*)	(*)	(*)	(*)	(*)	39
4 <b>Diversion dams by material:</b>								
5 Concrete or masonry.....dams 1950..	1		1	82	23	63	7	9
6 Timber.....dams 1950..				24	11	11	12	1
7 Earth and rock.....dams 1950..		1	7	162	35	51	19	16
Other, mixed, and not reported.....dams 1950..				11	4	15		
8 <b>Reservoirs.....enterprises reporting 1950..</b>			3	66	33	39	16	9
9 reservoirs 1950..			5	115	41	55	32	26
10 reservoirs 1940..	(*)	(*)	(*)	(*)	(*)	(*)	(*)	20
11 Reservoirs for which capacity was reported.....reservoirs 1950..			5	110	41	53	31	26
12 total capacity, acre-feet 1950..			940	227,818	47,907	61,443	25,081	8,399
13 total capacity, acre-feet 1940..	(*)	(*)	(*)	(*)	(*)	(*)	(*)	5,986
14 <b>Reservoirs by capacity:</b>								
15 1-99 acre-feet.....reservoirs 1950..			2	44	20	27	19	11
16 100-999 acre-feet.....reservoirs 1950..			3	32	13	12	8	6
17 1,000 acre-feet and over.....reservoirs 1950..				34	8	14	4	9
18 <b>Reservoir dams by material:</b>								
19 Concrete or masonry.....dams 1950..				4		3		
20 Earth and rock.....dams 1950..				4	108	39	51	31
21 Other, mixed, and not reported.....dams 1950..				1	3	2	1	1
22 <b>Canals and ditches.....enterprises reporting 1950..</b>	3	2	6	178	76	168	71	18
23 total length, miles 1950..	16	5	22	826	302	778	256	90
24 total length, miles 1940..	(*)	(*)	(*)	(*)	(*)	(*)	(*)	88
25 <b>Pipelines and siphons<sup>2</sup>.....enterprises reporting 1950..</b>				29	16	15	4	5
26 total length, miles 1950..				18	5	3	1	1
27 total length, miles 1940..	(*)	(*)	(*)	(*)	(*)	(*)	(*)	2
28 <b>Tunnels.....enterprises reporting 1950..</b>				2	5	4	1	1
29 total length, feet 1950..				4,675	5,843	880	460	1,000
30 <b>Flowing wells.....enterprises reporting 1950..</b>				3		3		
31 wells 1950..				4		3		
32 wells 1940..	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
33 <b>Pumped wells.....enterprises reporting 1950..</b>	83	116	46	553	30	26	38	1
34 wells 1950..	139	177	76	907	50	44	45	1
35 wells 1940..	(*)	(*)	(*)	(*)	(*)	(*)	(*)	1
36 Wells for which pumping lift was reported.....wells 1949..	139	144	70	878	47	43	45	1
37 Average pumping lift.....feet 1949..	48	69	39	31	27	35	33	30
38 wells 1939..	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
39 <b>Irrigation pumps.....enterprises reporting 1950..</b>	83	116	46	623	44	46	45	6
40 pumps 1950..	139	177	76	963	63	66	56	7
41 pumps 1940..	(*)	(*)	(*)	(*)	(*)	(*)	(*)	1
42 <b>Electric motors used for pumping.....enterprises reporting 1950..</b>	73	99	36	556	32	29	26	4
43 electric motors 1950..	121	149	64	868	50	48	30	5
44 electric motors 1940..	(*)	(*)	(*)	(*)	(*)	(*)	(*)	1
45 <b>Other motors and engines used for pumping.....enterprises reporting 1950..</b>	16	23	9	75	14	17	23	2
46 other motors and engines 1950..	18	28	9	83	14	18	26	3
47 other motors and engines 1940..	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
48 <b>Season of Irrigation, 1949:</b>								
49 Water delivered only before July 1.....enterprises reporting..	1	1		7	2	6		
50 acres irrigated.....	50	42		349	156	774		
51 Water delivered before and after July 1.....enterprises reporting..	82	112	44	742	113	210	98	29
52 acres irrigated.....	10,517	18,618	9,011	258,471	71,583	143,024	22,297	10,400
53 Water delivered only after July 1.....enterprises reporting..	1	2	6	32	11	11	5	1
54 acres irrigated.....	78	295	584	3,318	373	287	186	1
55 <b>Capital investment:</b>								
56 Capital investment in irrigation works and water rights to Jan. 1, 1940.....dollars 1940..	(*)	(*)	(*)	(*)	(*)	(*)	(*)	962,948
57 New capital investment Jan. 1, 1940, to Jan. 1, 1950:								
58 Enterprises reporting.....enterprises 1950..	70	89	29	380	50	66	23	4
59 Amount.....dollars 1950..	257,141	436,825	75,670	961,962	20,625,580	142,403	20,152	11,701
60 Area irrigated direct.....acres 1949..	7,908	14,541	3,283	106,747	26,435	30,977	727	2,111
61 Total capital investment Jan. 1, 1950.....dollars 1950..	(*)	(*)	(*)	(*)	(*)	(*)	(*)	974,649
62 <b>Indebtedness:<sup>4</sup></b>								
63 Outstanding bonds, construction cost, and other funded obligations, Jan. 1, 1950:								
64 Enterprises reporting.....enterprises 1950..				15	6	12	5	2
65 Amount.....dollars 1950..	(*)	(*)	(*)	10,727,121	5,665,600	9,568,558	27,936	1,720
66 Amount.....dollars 1940..	(*)	(*)	(*)	(*)	(*)	(*)	(*)	19,000
67 Area irrigated direct.....acres 1949..				62,172	12,891	34,173	5,769	1,409
68 Arrearage in payment of principal or interest on bonds, construction cost, and other funded obligations, Jan. 1, 1950:								
69 Enterprises reporting.....enterprises 1950..								
70 Amount.....dollars 1950..								
71 Area irrigated direct.....acres 1949..								

\* Not available.

<sup>1</sup> For 1940, includes data for less than 3 enterprises in Whitewoman Creek (Basin VI-B-5) and Smoky Hill River (Basin VI-C-2n).

<sup>2</sup> Pipelines in farm-distribution systems were included in 1940, not included in 1950.

<sup>3</sup> Less than 0.5.

<sup>4</sup> Not reported in 1940 by enterprises serving less than 5 farms, nor in 1950 by single-farm enterprises.

IRRIGATION OF AGRICULTURAL LANDS

Drainage Basin Table 1 (Part 3 of 4).--IRRIGATION ENTERPRISES: NUMBER AND

[Interbasin enterprises are included in each drainage basin in which they had irrigation works, but only once in State total. For interbasin and interstate enterprises, data

Item (For definitions and explanations, see text)	The State	Gulf of California, total (IV)	Colorado River excluding Green and Gunnison Rivers (IV-D)					
			Total	Colorado River direct				
				Total	Below Cameo (1a)	Cameo to Dotsero (1b)	Above Dotsero (1c)	
<b>ALL ENTERPRISES</b>								
Cost of water to farms, 1949:1								
Total cost of water to farms:								
1	Enterprises reporting.....enterprises..	8,652	2,711	1,418	467	92	211	164
2	Cost.....dollars..	5,224,777	1,150,661	623,086	267,502	200,455	44,990	22,057
3	Area irrigated direct.....acres..	3,331,381	860,449	477,285	162,387	73,759	50,369	38,259
4	Cost per acre irrigated direct.....dollars..	1.57	1.34	1.31	1.65	2.72	0.89	0.58
5	Total cost per irrigated acre.....dollars..	1.77	1.43	1.39	1.71	2.84	0.92	0.60
6	Total cost per acre-foot of water.....dollars..	0.61	0.35	0.37	0.38	0.60	0.22	0.12
Enterprises by cost per acre:								
7	Less than \$1.00.....enterprises reporting..	4,506	2,044	1,089	366	47	170	149
8	.....acres irrigated..	1,810,021	483,272	269,491	88,331	23,865	31,168	33,298
9	\$1.00-\$1.99.....enterprises reporting..	1,030	269	132	23	5	14	4
10	.....acres irrigated..	535,622	143,226	99,229	42,320	30,340	9,149	2,631
11	\$2.00-\$4.99.....enterprises reporting..	1,741	239	112	29	6	20	3
12	.....acres irrigated..	847,448	204,955	89,147	14,921	4,913	9,951	57
13	\$5.00-\$9.99.....enterprises reporting..	785	86	34	13	8	1	4
14	.....acres irrigated..	115,924	26,149	17,412	16,127	14,397	1	1,729
15	\$10.00 and over.....enterprises reporting..	590	73	51	36	26	6	4
16	.....acres irrigated..	22,366	2,847	2,006	688	244	100	344
Cost of water for primary irrigation:								
17	Enterprises reporting.....enterprises..	6,926	2,590	1,361	454	90	206	158
18	Cost.....dollars..	4,566,249	1,079,812	596,582	259,255	193,323	44,132	21,800
19	Area supplied primary irrigation.....acres..	2,943,895	806,168	448,169	156,351	70,540	48,798	37,013
20	Cost per acre supplied.....dollars..	1.55	1.34	1.33	1.66	2.74	0.90	0.59
Cost of water for supplemental irrigation:								
21	Enterprises reporting.....enterprises..	2,417	352	163	38	7	24	7
22	Cost.....dollars..	658,528	70,849	26,504	8,247	7,132	858	257
23	Area supplied supplemental irrigation.....acres..	387,486	54,281	29,116	6,036	3,219	1,571	1,246
24	Cost per acre supplied.....dollars..	1.70	1.31	0.91	1.37	2.22	0.55	0.21
Cost to farms for purposes other than operation and maintenance:4								
25	Enterprises reporting.....enterprises..	376	193	95	12	3	8	1
26	Cost.....dollars..	834,001	241,676	142,957	49,852	39,902	7,250	2,700
27	Area irrigated direct.....acres..	883,152	265,037	124,167	37,436	29,880	5,335	2,221
28	Cost per acre irrigated.....dollars..	0.94	0.91	1.15	1.33	1.34	1.36	1.22
Arrearage in payments by farms, Jan. 1, 1950:4								
29	Enterprises reporting.....enterprises..	152	62	36	6	2	3	1
30	Amount.....dollars..	385,481	65,578	18,606	7,152	4,358	2,442	352
31	Area irrigated direct.....acres..	461,865	213,329	117,033	22,153	10,432	9,500	2,221
<b>SINGLE-FARM ENTERPRISES, 1950</b>								
32	Single-farm enterprises.....enterprises..	6,856	1,770	969	361	83	133	145
33	Area irrigated.....acres..	931,763	232,419	121,236	40,427	4,599	9,158	26,670
34	Complete-system enterprises5.....enterprises..	5,758	1,541	828	299	43	123	133
35	Area irrigated.....acres..	821,785	204,224	106,817	36,015	4,060	8,905	23,050
Other farms irrigated:								
36	Enterprises reporting.....number..	227	41	24	4	.....	3	1
37	Number of other farms.....farms..	296	46	27	5	.....	3	2
38	Area irrigated in other farms.....acres..	19,905	2,999	1,430	621	.....	171	450
Enterprises by origin of water supply:5								
39	No water from other enterprises.....enterprises reporting..	6,140	1,562	838	302	46	123	133
40	.....acres irrigated..	825,909	207,281	107,702	35,936	4,071	8,905	22,960
41	Part of water from other enterprises.....enterprises reporting..	404	124	70	16	2	3	11
42	.....acres irrigated..	77,489	18,919	10,201	3,695	22	23	3,650
43	All of water from other enterprises.....enterprises reporting..	312	84	61	43	35	7	1
44	.....acres irrigated..	28,365	6,219	3,333	796	506	230	60
Enterprises by primary and supplemental irrigation:								
45	All primary.....enterprises reporting..	4,672	1,646	907	343	79	124	140
46	.....acres irrigated..	723,909	219,842	112,491	38,971	4,555	8,592	25,824
47	Part primary, part supplemental.....enterprises reporting..	165	20	10	5	1	4	.....
48	Primary irrigation.....acres irrigated..	11,320	1,006	587	65	2	63	.....
49	Supplemental irrigation.....acres irrigated..	11,582	1,372	693	71	5	66	.....
50	All supplemental.....enterprises reporting..	1,646	92	48	12	2	5	5
51	.....acres irrigated..	184,952	10,199	7,465	1,320	37	437	846
Enterprises by number of acres irrigated:5								
52	None.....enterprises reporting..	373	12	4	1	.....	.....	.....
53	1-9 acres.....enterprises reporting..	727	159	95	57	29	22	6
54	10-29 acres.....enterprises reporting..	1,013	290	168	61	15	31	15
55	30-59 acres.....enterprises reporting..	1,093	331	189	71	15	29	27
56	60-99 acres.....enterprises reporting..	1,130	298	159	50	3	22	25
57	100-199 acres.....enterprises reporting..	1,454	343	184	64	14	18	32
58	200-499 acres.....enterprises reporting..	783	253	132	48	6	11	31
59	500-999 acres.....enterprises reporting..	182	63	26	5	.....	.....	5
60	1,000 acres or more.....enterprises reporting..	101	21	12	4	.....	.....	4

See footnotes at end of Drainage Basin Table 1, Part 3.

CHARACTERISTICS, BY DRAINAGE BASINS: CENSUSES OF 1950 AND 1940

represent characteristics within the drainage basin or State, except where otherwise noted. Acreage irrigated direct by 2 or more enterprises is counted for each enterprise.]

Colorado River excluding Green and Gunnison Rivers (IV-D)—Continued																
Total	San Juan River						Dolores River			Plateau Creek	Roaring Fork	Eagle River	Blue River	Middy Creek	Frazer River	
	San Juan River direct	McElmc Creek	Mancos River	LaPlata River	Animas River	Los Pinos River	Total	Dolores River direct	San Miguel River							
	(2a)	(2b)	(2c)	(2d)	(2e)	(2f)	(4a)	(4b)	(5)							
351	98	35	56	41	77	47	123	78	45	121	162	81	52	22	43	1
220,779	15,133	78,740	19,707	10,447	25,732	71,020	69,433	19,341	50,092	15,404	29,101	4,049	7,802	8	9,008	2
159,803	21,593	38,046	14,406	20,223	23,129	42,406	40,548	12,035	28,513	32,341	33,783	15,782	10,941	10,908	10,792	3
1.38	0.70	2.07	1.37	0.52	1.11	1.67	1.71	1.61	1.76	0.48	0.86	0.26	0.71	0.00	0.83	4
1.49	0.75	2.08	1.53	0.63	1.22	1.77	1.92	1.83	1.96	0.53	0.93	0.26	0.71	0.00	0.89	5
0.48	0.14	0.67	0.64	0.30	0.49	0.51	0.80	0.49	0.98	0.16	0.13	0.05	(?)	0.00	0.21	6
252	84	20	32	34	57	25	81	56	25	93	125	70	43	22	38	7
67,070	16,828	1,199	10,094	16,431	12,462	10,056	17,754	5,416	12,338	28,212	24,570	14,970	8,749	10,908	8,927	8
43	4	5	6	5	11	13	13	10	3	20	20	6	6	.....	2	9
40,370	2,692	1,257	2,054	3,772	5,704	24,891	3,748	3,396	352	3,568	5,491	627	1,880	.....	1,225	10
39	8	8	9	1	8	7	22	8	14	5	13	3	2	.....	1	11
51,185	2,003	35,479	1,447	10	4,926	7,320	18,538	2,874	15,664	395	3,677	125	186	.....	120	12
10	4	.....	1	1	1	2	3	2	1	3	3	1	.....	.....	1	13
701	70	.....	445	10	37	139	213	79	134	166	30	55	.....	.....	120	14
7	.....	.....	5	.....	.....	.....	4	2	2	.....	1	1	.....	.....	1	15
477	.....	111	366	.....	.....	.....	295	270	25	.....	15	5	126	.....	400	16
331	96	31	50	39	73	45	117	75	42	113	158	77	52	22	40	17
208,381	14,537	78,338	17,390	7,366	23,339	67,411	66,091	17,243	48,848	14,620	28,203	3,964	7,802	8	8,258	18
148,502	20,088	37,840	12,853	16,519	21,057	40,145	36,145	10,580	25,565	29,125	31,369	15,415	10,941	10,149	10,172	19
1.40	0.72	2.07	1.35	0.45	1.11	1.68	1.83	1.63	1.91	0.50	0.90	0.26	0.71	0.00	0.81	20
55	9	6	9	6	13	12	16	8	8	25	16	10	.....	1	4	21
12,398	596	402	2,317	3,081	2,393	3,609	3,342	2,098	1,244	784	898	85	.....	0	750	22
11,301	1,505	206	1,553	3,704	2,072	2,261	4,403	1,455	2,948	3,216	2,414	367	.....	759	620	23
1.10	0.40	1.95	1.49	0.83	1.15	1.60	0.76	1.44	0.42	0.24	0.37	0.23	.....	0.00	1.21	24
52	11	2	6	7	4	24	10	4	6	18	2	1	.....	.....	1	25
59,675	7,971	260	1,365	3,841	4,070	42,168	26,760	9,100	17,660	3,456	2,661	244	.....	.....	309	26
61,608	5,768	841	2,057	10,441	9,579	32,922	16,972	1,798	15,174	5,379	972	715	.....	.....	1,085	27
0.97	1.38	0.31	0.66	0.37	0.42	1.28	1.58	5.06	1.16	0.64	2.74	0.34	.....	.....	0.28	28
26	3	2	6	4	5	8	3	1	2	2	.....	.....	.....	.....	.....	29
7,286	397	2,080	1,468	223	840	2,318	4,005	20	3,985	163	.....	.....	.....	.....	.....	30
82,944	2,891	34,307	4,694	3,133	14,794	23,125	10,890	450	10,440	1,046	.....	.....	.....	.....	.....	31
205	66	25	28	18	48	20	93	64	29	45	106	51	52	21	36	32
18,627	8,394	1,197	2,932	2,765	2,150	1,189	11,427	5,535	5,892	5,479	12,306	4,865	10,941	9,237	7,927	33
178	60	22	16	15	46	19	86	59	27	42	91	35	52	21	25	34
16,018	7,691	1,141	1,471	2,570	2,075	1,070	10,343	5,065	5,278	5,356	10,626	2,964	10,941	9,237	5,317	35
12	6	1	1	.....	3	1	6	2	4	.....	1	.....	.....	.....	1	36
13	7	1	1	.....	3	1	7	2	5	.....	1	.....	.....	.....	1	37
305	216	5	40	.....	14	30	244	88	156	.....	160	.....	.....	.....	100	38
182	60	22	17	16	47	20	87	59	28	43	92	35	52	21	25	39
16,382	7,691	1,141	1,546	2,740	2,075	1,189	10,943	5,065	5,878	5,356	10,626	2,964	10,941	9,237	5,317	40
13	4	.....	7	1	1	.....	5	5	.....	2	12	16	.....	.....	6	41
1,158	449	.....	624	10	75	.....	470	470	.....	123	1,464	1,901	.....	.....	1,390	42
10	2	3	4	1	.....	.....	1	.....	1	.....	2	.....	.....	.....	5	43
1,087	254	56	762	15	.....	.....	14	.....	14	.....	216	.....	.....	.....	1,220	44
187	65	21	21	17	44	19	89	62	27	36	100	46	52	21	33	45
16,692	7,954	1,101	1,861	2,717	1,946	1,113	9,830	5,185	4,645	3,412	11,212	4,599	10,941	9,237	7,597	46
2	1	.....	1	.....	.....	.....	.....	.....	.....	.....	2	1	.....	.....	.....	47
320	300	.....	20	.....	.....	.....	.....	.....	.....	.....	160	42	.....	.....	.....	48
180	140	.....	40	.....	.....	.....	.....	.....	.....	.....	439	3	.....	.....	.....	49
15	.....	4	6	1	3	1	4	2	2	8	3	4	.....	.....	3	50
1,435	.....	96	1,011	48	204	76	1,597	350	1,247	2,067	495	221	.....	.....	330	51
1	.....	.....	.....	.....	1	.....	.....	.....	.....	1	1	.....	.....	.....	.....	52
20	7	5	.....	.....	5	3	6	5	1	6	6	2	.....	.....	.....	53
50	12	8	3	5	15	7	16	10	6	9	16	11	4	.....	1	54
48	15	5	4	9	14	1	23	17	6	7	12	14	11	2	1	55
37	7	4	13	2	7	4	22	19	3	7	25	3	6	2	7	56
27	10	2	5	1	5	4	13	8	5	11	29	15	10	5	10	57
18	13	1	2	.....	1	1	6	4	2	5	16	5	16	5	14	58
2	1	.....	1	.....	.....	.....	4	.....	4	.....	1	1	4	6	3	59
2	1	.....	.....	1	.....	.....	3	1	2	1	.....	.....	1	1	.....	60

IRRIGATION OF AGRICULTURAL LANDS

Drainage Basin Table 1 (Part 3 of 4).—IRRIGATION ENTERPRISES: NUMBER AND

[Interbasin enterprises are included in each drainage basin in which they had irrigation works, but only once in State total. For interbasin and interstate enterprises, data

Item (For definitions and explanations, see text)	Green River (IV-E)							
	Total	Green River direct (1)	White River (4)	Yampa River				
				Total	Yampa River direct (8a)	Little Snake River (8b)	Elk River (8c)	
<b>ALL ENTERPRISES</b>								
Cost of water to farms, 1949: <sup>1</sup>								
Total cost of water to farms:								
1	Enterprises reporting.....enterprises..	441	6	128	307	240	23	45
2	Cost.....dollars..	44,588	1,580	23,450	19,558	16,497	2,115	946
3	Area irrigated direct.....acres..	93,055	691	30,308	62,056	48,858	4,690	8,508
4	Cost per acre irrigated direct.....dollars..	0.48	2.29	0.77	0.32	0.34	0.45	0.11
5	Total cost per irrigated acre.....dollars..	0.50	2.29	0.78	0.34	0.37	0.45	0.12
6	Total cost per acre-foot of water <sup>2</sup> .....dollars..	0.08	( <sup>3</sup> )	0.10	0.07	0.07	( <sup>3</sup> )	0.02
Enterprises by cost per acre:								
7	Less than \$1.00.....enterprises reporting..	366	4	90	272	209	20	43
8	.....acres irrigated..	75,528	191	20,760	54,577	42,647	3,767	8,163
9	\$1.00-\$1.99.....enterprises reporting..	31	1	16	14	12	3	.....
10	.....acres irrigated..	13,207	140	8,215	4,852	3,929	923	.....
11	\$2.00-\$4.99.....enterprises reporting..	28	1	12	15	13	.....	2
12	.....acres irrigated..	3,577	360	876	2,341	1,996	.....	345
13	\$5.00-\$9.99.....enterprises reporting..	12	.....	8	4	4	.....	.....
14	.....acres irrigated..	634	.....	423	211	211	.....	.....
15	\$10.00 and over.....enterprises reporting..	4	.....	2	2	2	.....	.....
16	.....acres irrigated..	109	.....	34	75	75	.....	.....
Cost of water for primary irrigation:								
17	Enterprises reporting.....enterprises..	431	6	125	300	233	23	45
18	Cost.....dollars..	42,524	1,580	23,310	17,634	14,573	2,115	946
19	Area supplied primary irrigation.....acres..	88,602	691	29,911	58,000	45,172	4,690	8,138
20	Cost per acre supplied.....dollars..	0.48	2.29	0.78	0.30	0.32	0.45	0.12
Cost of water for supplemental irrigation:								
21	Enterprises reporting.....enterprises..	25	.....	5	20	17	.....	3
22	Cost.....dollars..	2,064	.....	140	1,924	1,924	.....	0
23	Area supplied supplemental irrigation.....acres..	4,453	.....	397	4,056	3,686	.....	370
24	Cost per acre supplied.....dollars..	0.46	.....	0.35	0.47	0.52	.....	0.00
Cost to farms for purposes other than operation and maintenance: <sup>4</sup>								
25	Enterprises reporting.....enterprises..	5	.....	3	2	2	.....	.....
26	Cost.....dollars..	2,718	.....	2,124	594	594	.....	.....
27	Area irrigated direct.....acres..	9,983	.....	6,818	3,165	3,165	.....	.....
28	Cost per acre irrigated.....dollars..	0.27	.....	0.31	0.19	0.19	.....	.....
Arrearage in payments by farms, Jan. 1, 1950: <sup>4</sup>								
29	Enterprises reporting.....enterprises..	2	.....	.....	2	2	.....	.....
30	Amount.....dollars..	13,750	.....	.....	13,750	13,750	.....	.....
31	Area irrigated direct.....acres..	1,141	.....	.....	1,141	1,141	.....	.....
<b>SINGLE-FARM ENTERPRISES, 1950</b>								
32	Single-farm enterprises.....enterprises..	316	6	100	210	166	21	24
33	Area irrigated.....acres..	42,819	691	13,471	28,627	21,399	3,887	3,371
34	Complete-system enterprises <sup>5</sup> .....enterprises..	296	6	97	193	150	21	23
35	Area irrigated.....acres..	38,503	691	13,356	24,456	17,358	3,887	3,211
Other farms irrigated:								
36	Enterprises reporting.....number..	7	.....	1	6	6	.....	.....
37	Number of other farms.....farms..	7	.....	1	6	6	.....	.....
38	Area irrigated in other farms.....acres..	483	.....	100	383	383	.....	.....
Enterprises by origin of water supply: <sup>5</sup>								
39	No water from other enterprises.....enterprises reporting..	299	6	99	194	151	21	23
40	.....acres irrigated..	39,844	691	13,356	25,797	18,699	3,887	3,211
41	Part of water from other enterprises.....enterprises reporting..	12	.....	1	11	11	.....	.....
42	.....acres irrigated..	1,998	.....	115	1,883	1,883	.....	.....
43	All of water from other enterprises.....enterprises reporting..	5	.....	.....	5	4	.....	1
44	.....acres irrigated..	977	.....	.....	977	817	.....	160
Enterprises by primary and supplemental irrigation:								
45	All primary.....enterprises reporting..	306	6	95	205	161	21	24
46	.....acres irrigated..	41,726	691	13,121	27,914	20,656	3,887	3,371
47	Part primary, part supplemental.....enterprises reporting..	2	.....	1	1	1	.....	.....
48	Primary irrigation.....acres irrigated..	103	.....	53	50	50	.....	.....
49	Supplemental irrigation.....acres irrigated..	52	.....	17	35	35	.....	.....
50	All supplemental.....enterprises reporting..	6	.....	2	4	4	.....	.....
51	.....acres irrigated..	938	.....	280	658	658	.....	.....
Enterprises by number of acres irrigated: <sup>5</sup>								
52	None.....enterprises reporting..	2	.....	2	.....	.....	.....	.....
53	1-9 acres.....enterprises reporting..	11	.....	4	7	6	.....	1
54	10-29 acres.....enterprises reporting..	43	1	12	32	29	.....	3
55	30-59 acres.....enterprises reporting..	57	1	16	40	30	4	6
56	60-99 acres.....enterprises reporting..	64	2	18	44	35	3	6
57	100-199 acres.....enterprises reporting..	71	1	30	40	31	5	4
58	200-499 acres.....enterprises reporting..	49	1	14	34	26	7	2
59	500-999 acres.....enterprises reporting..	14	.....	3	11	8	2	1
60	1,000 acres or more.....enterprises reporting..	3	.....	1	2	1	.....	1

See footnotes at end of Drainage Basin Table 1, Part 3.

CHARACTERISTICS, BY DRAINAGE BASINS: CENSUSES OF 1950 AND 1940—Continued

represent characteristics within the drainage basin or State, except where otherwise noted. Acreage irrigated direct by 2 or more enterprises is counted for each enterprise.]

Gunnison River (IV-F)							Gulf of Mexico: Rio Grande (V-C)									
Total	Gunnison River direct	Uncompahgre River	North Fork	Smith Fork	Tomichi Creek	Slate River	Total	Rio Grande direct	Costilla Creek	San Antonio and Conejo Rivers	Trinchera Creek	La Jara and Alamosa Creeks	San Luis Lake and San Luis Creek			
													Total	San Luis Lake and San Luis Creek direct (14a)	Saguache Creek (14b)	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	
853	394	163	141	44	88	26	875	369	37	147	16	225	96	49	47	
482,987	143,976	240,431	63,772	17,875	8,687	8,246	521,470	277,818	35,541	48,036	27,381	123,007	9,687	7,101	2,586	
290,109	99,119	106,049	31,275	20,136	27,561	5,969	698,476	290,303	28,790	95,673	14,471	178,440	90,799	48,289	42,510	
1.66	1.45	2.27	2.04	0.89	0.32	1.38	0.75	0.96	1.23	0.50	1.89	0.69	0.11	0.15	0.06	
1.79	1.62	2.32	2.50	0.97	0.32	1.45	0.88	1.10	1.32	0.64	1.89	0.90	0.11	0.15	0.06	
0.42	0.40	0.48	0.60	0.44	0.09	0.19	0.40	0.50	0.63	0.23	1.18	0.43	0.06	0.05	0.04	
589	256	115	81	38	78	21	610	223	32	123	2	154	89	44	45	
138,253	56,234	22,234	12,425	16,678	25,642	5,040	613,519	260,006	14,613	90,218	480	159,640	88,562	46,079	42,483	
106	61	22	15	1	6	1	108	59	4	12	9	23	2	1	9	
30,790	16,884	5,139	7,138	400	729	500	43,478	18,361	287	3,835	13,499	7,480	16	6	10	
100	48	23	24	3	4	1	87	45	1	6	.....	32	3	2	11	
112,231	20,532	77,889	9,506	2,954	1,190	160	33,777	6,651	13,890	807	.....	10,278	2,151	2,134	17	
40	21	2	14	1	.....	2	43	25	.....	2	3	12	1	1	13	
8,103	5,077	587	2,120	94	.....	225	3,665	2,571	.....	127	242	685	40	40	14	
18	8	1	7	1	.....	1	27	17	.....	4	2	4	1	1	15	
732	392	200	86	10	.....	44	4,037	2,714	.....	686	250	357	30	30	16	
799	365	154	126	43	88	26	634	256	32	130	16	120	93	47	46	
440,706	127,857	229,904	51,294	14,746	8,687	8,218	421,382	226,250	34,866	34,278	27,381	90,133	8,474	6,652	1,822	
269,397	88,678	103,735	25,501	18,408	27,396	5,679	592,645	253,212	26,950	75,072	14,471	136,521	86,419	46,169	40,250	
1.64	1.44	2.22	2.01	0.80	0.32	1.45	0.71	0.89	1.29	0.46	1.89	0.66	0.10	0.14	0.05	
164	96	25	34	6	1	2	356	153	13	50	.....	136	9	4	5	
42,281	16,119	10,527	12,478	3,129	0	28	100,088	51,568	675	13,758	.....	32,874	1,213	449	764	
20,712	10,441	2,314	5,774	1,728	165	290	105,831	37,091	1,840	20,601	.....	41,919	4,380	2,120	2,260	
2.04	1.54	4.55	2.16	1.81	0.00	0.10	0.95	1.39	0.37	0.67	.....	0.78	0.28	0.21	0.34	
93	61	12	17	4	.....	2	19	9	.....	.....	.....	9	1	1	25	
96,001	52,493	12,738	24,267	4,410	.....	2,093	13,039	6,358	.....	.....	.....	6,611	70	70	26	
130,887	34,974	77,368	10,079	7,801	.....	665	71,505	56,573	.....	.....	.....	14,372	560	560	27	
0.73	1.50	0.16	2.41	0.57	.....	3.15	0.18	0.11	.....	.....	.....	0.46	0.12	0.12	.....	
25	17	4	5	.....	.....	.....	15	3	.....	5	1	7	.....	.....	29	
33,222	4,020	28,799	403	.....	.....	.....	6,224	761	.....	1,883	2,380	1,200	.....	.....	30	
95,155	18,858	70,828	5,469	.....	.....	.....	43,963	19,718	.....	12,042	.....	12,203	.....	.....	31	
486	211	88	91	24	56	16	825	491	7	54	8	180	90	48	42	
68,364	28,784	9,544	7,249	3,585	15,893	3,309	193,461	59,052	1,445	9,257	2,972	40,454	80,281	45,331	34,950	
418	171	82	82	17	51	15	481	227	7	32	3	134	81	41	40	
58,904	23,379	8,918	6,783	2,082	14,503	3,239	153,665	38,079	1,445	6,855	2,480	36,006	68,800	44,144	24,656	
10	9	.....	.....	1	.....	.....	13	8	.....	1	1	3	.....	.....	36	
12	10	.....	.....	2	.....	.....	14	8	.....	1	1	4	.....	.....	37	
1,089	937	.....	.....	152	.....	.....	1,623	1,096	.....	200	30	297	.....	.....	38	
426	176	81	84	17	52	16	725	442	7	35	3	158	83	43	40	
59,735	23,379	8,909	7,163	2,082	14,833	3,309	153,708	38,122	1,445	6,855	2,480	36,006	68,800	44,144	24,656	
42	30	4	3	4	1	.....	62	39	.....	4	5	11	5	3	41	
6,720	5,228	244	54	654	540	.....	35,272	19,124	.....	725	492	3,717	11,214	920	10,294	
18	5	3	4	3	3	.....	38	10	.....	15	.....	11	2	2	42	
1,909	177	391	32	849	460	.....	4,481	1,806	.....	1,677	.....	731	267	267	44	
434	179	82	79	23	55	16	332	156	5	36	8	45	85	44	41	
65,625	26,911	9,431	6,781	3,525	15,668	3,309	143,295	38,679	1,200	6,429	2,972	14,294	79,721	44,871	34,850	
8	5	1	1	.....	1	.....	29	12	.....	7	.....	9	1	.....	46	
316	219	20	17	.....	60	.....	2,904	1,601	.....	536	.....	727	40	.....	40	
627	441	20	1	.....	165	.....	2,733	1,839	.....	337	.....	497	60	.....	60	
38	22	5	10	1	.....	.....	222	110	2	8	.....	102	2	2	8	
1,796	1,213	78	450	60	.....	.....	44,529	16,933	245	1,955	.....	24,936	460	460	51	
6	5	.....	1	.....	.....	.....	242	213	.....	3	.....	24	2	2	52	
53	14	13	21	.....	5	.....	38	19	.....	3	.....	10	6	4	53	
77	29	16	28	2	2	.....	61	25	1	5	.....	25	5	.....	54	
85	42	16	12	6	6	3	91	41	2	11	.....	32	5	5	55	
75	38	13	8	6	6	4	81	39	2	6	4	21	9	5	56	
88	42	19	8	6	10	3	124	70	.....	8	1	29	16	7	57	
71	28	7	11	2	19	4	115	56	1	14	.....	29	17	10	58	
24	11	3	2	2	4	2	39	17	.....	3	1	5	15	6	9	
7	2	.....	.....	4	.....	.....	34	11	1	1	2	5	15	9	60	

IRRIGATION OF AGRICULTURAL LANDS

Drainage Basin Table 1 (Part 3 of 4).—IRRIGATION ENTERPRISES: NUMBER AND

[Interbasin enterprises are included in each drainage basin in which they had irrigation works, but only once in State total. For interbasin and interstate enterprises, data

Item (For definitions and explanations, see text)	Mississippi River, total	Arkansas River (VI-B)				
		Total	Arkansas River direct			
			Total	Below John Martin Dam (1a)	John Martin Dam to Pueblo (1b)	Above Pueblo (1c)
<b>ALL ENTERPRISES</b>						
Cost of water to farms, 1948: <sup>1</sup>						
Total cost of water to farms:						
1 Enterprises reporting.....enterprises..	5,070	1,514	937	87	509	343
2 Cost.....dollars..	3,552,646	1,120,250	943,346	315,322	573,963	54,461
3 Area irrigated direct.....acres..	1,772,456	494,977	376,128	124,462	197,183	54,483
4 Cost per acre irrigated direct.....dollars..	2.00	2.26	2.51	2.53	2.91	1.00
5 Total cost per irrigated acre.....dollars..	2.30	2.43	2.68	2.58	3.17	1.11
6 Total cost per acre-foot of water <sup>2</sup> .....dollars..	0.88	0.78	0.84	0.96	0.91	0.27
Enterprises by cost per acre:						
7 Less than \$1.00.....enterprises reporting..	1,858	787	401	27	122	252
8 .....acres irrigated..	713,230	156,010	85,932	19,069	28,011	38,852
9 \$1.00-\$1.99.....enterprises reporting..	653	159	106	10	59	37
10 .....acres irrigated..	348,918	60,329	43,480	13,529	24,310	5,641
11 \$2.00-\$4.99.....enterprises reporting..	1,412	298	224	31	172	23
12 .....acres irrigated..	608,716	252,316	225,960	91,281	127,008	7,671
13 \$5.00-\$9.99.....enterprises reporting..	637	156	119	10	94	15
14 .....acres irrigated..	86,110	20,674	17,059	495	15,668	896
15 \$10.00 and over.....enterprises reporting..	490	114	87	9	62	16
16 .....acres irrigated..	15,482	5,648	3,697	88	2,186	1,423
Cost of water for primary irrigation:						
17 Enterprises reporting.....enterprises..	3,706	1,261	718	80	315	325
18 Cost.....dollars..	3,065,055	1,050,282	881,442	311,126	519,694	50,622
19 Area supplied primary irrigation.....acres..	1,545,082	461,146	352,450	122,144	181,147	49,159
20 Cost per acre supplied.....dollars..	1.98	2.28	2.50	2.55	2.87	1.03
Cost of water for supplemental irrigation:						
21 Enterprises reporting.....enterprises..	1,709	370	277	13	224	40
22 Cost.....dollars..	487,591	69,968	61,904	4,196	53,869	3,839
23 Area supplied supplemental irrigation.....acres..	227,374	33,831	23,678	2,318	16,036	5,324
24 Cost per acre supplied.....dollars..	2.14	2.07	2.61	1.81	3.36	0.72
Cost to farms for purposes other than operation and maintenance: <sup>4</sup>						
25 Enterprises reporting.....enterprises..	164	23	18	4	11	4
26 Cost.....dollars..	579,286	134,416	127,784	44,640	80,441	2,703
27 Area irrigated direct.....acres..	546,610	117,929	107,721	39,662	66,972	1,087
28 Cost per acre irrigated.....dollars..	1.06	1.14	1.19	1.13	1.20	2.49
Arrearage in payments by farms, Jan. 1, 1950: <sup>4</sup>						
29 Enterprises reporting.....enterprises..	75	25	16	2	10	6
30 Amount.....dollars..	313,679	99,823	89,520	636	82,553	6,331
31 Area irrigated direct.....acres..	204,573	115,947	95,886	35,018	58,197	2,671
<b>SINGLE-FARM ENTERPRISES, 1950</b>						
32 Single-farm enterprises.....enterprises..	4,265	1,121	725	52	434	239
33 Area irrigated.....acres..	505,883	110,765	56,543	5,807	27,291	23,145
34 Complete-system enterprises <sup>5</sup> .....enterprises..	3,739	1,014	660	43	394	223
35 Area irrigated.....acres..	463,896	101,000	50,981	5,122	24,340	21,519
Other farms irrigated:						
36 Enterprises reporting.....number..	173	42	35	4	23	8
37 Number of other farms.....farms..	236	52	44	7	29	8
38 Area irrigated in other farms.....acres..	15,280	3,287	2,922	1,045	1,587	290
Enterprises by origin of water supply: <sup>5</sup>						
39 No water from other enterprises.....enterprises reporting..	3,857	1,039	680	44	412	224
40 .....acres irrigated..	464,920	101,880	51,861	5,122	24,340	22,399
41 Part of water from other enterprises.....enterprises reporting..	218	21	10	1	8	1
42 .....acres irrigated..	23,298	3,191	1,441	.....	1,371	70
43 All of water from other enterprises.....enterprises reporting..	190	61	35	7	14	14
44 .....acres irrigated..	17,665	5,694	3,241	685	1,880	676
Enterprises by primary and supplemental irrigation:						
45 All primary.....enterprises reporting..	2,698	829	467	42	202	223
46 .....acres irrigated..	360,772	91,434	39,858	5,004	13,171	21,683
47 Part primary, part supplemental.....enterprises reporting..	116	26	22	.....	21	1
48 Primary irrigation.....acres irrigated..	7,410	1,405	1,229	.....	1,214	15
49 Supplemental irrigation.....acres irrigated..	7,477	1,762	1,669	.....	1,589	80
50 All supplemental.....enterprises reporting..	1,332	238	213	7	192	14
51 .....acres irrigated..	130,224	16,164	13,787	803	11,617	1,367
Enterprises by number of acres irrigated: <sup>5</sup>						
52 None.....enterprises reporting..	119	28	23	3	19	1
53 1-9 acres.....enterprises reporting..	530	161	126	8	82	36
54 10-29 acres.....enterprises reporting..	662	245	161	11	91	59
55 30-59 acres.....enterprises reporting..	671	213	151	6	104	41
56 60-99 acres.....enterprises reporting..	751	169	114	10	61	43
57 100-199 acres.....enterprises reporting..	987	156	86	9	48	29
58 200-499 acres.....enterprises reporting..	415	115	48	3	24	21
59 500-999 acres.....enterprises reporting..	81	20	11	.....	5	5
60 1,000 acres or more.....enterprises reporting..	49	14	5	1	.....	4

See footnotes at end of Drainage Basin Table 1, Part 3.



CHARACTERISTICS, BY DRAINAGE BASINS: CENSUSES OF 1950 AND 1940—Continued

represent characteristics within the drainage basin or State, except where otherwise noted. Acreage irrigated direct by 2 or more enterprises is counted for each enterprise.]

Arkansas River (VI-B)—Continued								Missouri River excluding Platte River: Republican River (VI-C)				
Cimarron River	Purgatoire River	Huerfano River			St. Charles River	Fountain Creek	Grape Creek	Missouri River, total	Total	Republican River direct	North Fork	
		Total	Huerfano River direct	Cucharas River								
(3)	(6)	(7a)	(7b)	(8)	(9)	(10)		(2c)	(2d)			
9	116	200	127	73	51	83	121	3,556	52	24	28	1
2,915	78,351	47,559	43,707	3,852	3,057	38,284	6,738	2,432,396	25,881	11,792	14,089	2
264	35,008	32,628	22,738	9,890	6,129	17,862	26,958	1,277,479	6,552	4,375	2,177	3
11.04	2.24	1.46	1.92	0.39	0.50	2.14	0.25	1.90	3.95	2.70	6.47	4
11.04	2.41	1.72	2.22	0.48	0.53	2.30	0.26	2.24	3.97	2.70	6.53	5
(3)	0.71	0.72	0.97	0.17	0.22	1.21	0.22	0.97	(3)	(3)	(3)	6
2	50	141	77	64	41	36	116	1,068	10	5	5	7
35	11,498	20,378	11,196	9,182	5,674	6,387	26,106	557,220	2,082	1,885	197	8
.....	25	20	16	4	4	5	.....	494	2	1	1	9
.....	11,364	1,969	1,518	451	151	3,365	.....	288,589	360	200	160	10
1	20	25	21	4	4	3	3	1,117	15	9	6	11
10	9,703	8,906	8,743	163	167	7,312	258	356,400	2,234	1,424	810	12
5	12	7	6	1	3	10	1	501	13	6	7	13
179	1,475	928	834	94	137	373	523	65,436	1,577	803	754	14
1	9	7	.....	.....	.....	9	1	376	12	3	9	15
40	968	447	447	.....	.....	425	71	9,834	319	63	256	16
9	108	190	123	67	44	75	120	2,445	50	23	27	17
2,915	75,545	45,451	42,290	3,161	2,601	35,653	6,675	2,014,773	25,881	11,792	14,089	18
264	32,565	27,723	19,731	7,992	5,775	16,666	25,703	1,083,936	6,517	4,360	2,157	19
11.04	2.32	1.64	2.14	0.40	0.45	2.14	0.26	1.86	3.97	2.70	6.53	20
.....	21	47	26	21	9	11	6	1,339	2	1	1	21
.....	2,806	2,108	1,417	691	456	2,631	63	417,623	0	0	0	22
.....	2,443	4,905	3,007	1,898	354	1,196	1,255	193,543	35	15	20	23
.....	1.15	0.43	0.47	0.36	1.29	2.20	0.05	2.16	0.00	0.00	0.00	24
.....	2	3	3	.....	.....	2	.....	141	.....	.....	.....	25
.....	976	1,952	1,952	.....	.....	3,704	.....	444,870	.....	.....	.....	26
.....	2,427	1,400	1,400	.....	.....	6,381	.....	428,681	.....	.....	.....	27
.....	0.40	1.39	1.39	.....	.....	0.58	.....	1.04	.....	.....	.....	28
.....	7	2	2	.....	.....	2	2	49	.....	.....	.....	29
.....	5,030	300	300	.....	.....	2,649	2,324	213,856	.....	.....	.....	30
.....	7,433	5,684	5,684	.....	.....	6,381	563	88,626	.....	.....	.....	31
10	72	107	66	41	35	75	97	3,144	50	24	26	32
264	9,033	9,511	6,113	3,398	4,701	9,548	21,165	395,118	5,629	4,375	1,254	33
9	53	97	61	36	29	69	97	2,725	50	24	26	34
264	7,069	8,247	4,933	3,314	4,399	8,875	21,165	362,896	5,629	4,375	1,254	35
.....	1	2	.....	2	.....	4	.....	131	2	2	.....	36
.....	2	2	.....	2	.....	4	.....	184	2	2	.....	37
.....	13	175	.....	175	.....	157	.....	12,013	27	27	.....	38
10	54	99	61	38	30	69	97	2,818	50	24	26	39
264	7,069	8,247	4,933	3,314	4,399	8,875	21,165	363,040	5,629	4,375	1,254	40
.....	6	2	.....	1	.....	2	.....	197	.....	.....	.....	41
.....	787	815	815	.....	.....	108	.....	20,107	.....	.....	.....	42
.....	12	6	3	3	4	4	.....	129	.....	.....	.....	43
.....	1,177	449	365	84	262	565	.....	11,971	.....	.....	.....	44
9	64	97	62	35	28	67	97	1,869	48	23	25	45
264	8,265	8,307	5,626	2,681	4,447	9,128	21,165	269,328	5,594	4,360	1,234	46
.....	2	2	.....	.....	.....	.....	.....	90	.....	.....	.....	47
.....	83	93	93	.....	.....	.....	.....	6,005	.....	.....	.....	48
.....	46	47	47	.....	.....	.....	.....	5,715	.....	.....	.....	49
.....	5	6	.....	4	6	8	.....	1,094	2	1	1	50
.....	639	1,064	347	717	254	420	.....	114,060	35	15	20	51
1	1	2	.....	2	1	.....	.....	91	.....	.....	.....	52
.....	8	11	9	2	2	14	.....	369	3	1	2	53
4	31	21	10	10	9	18	9	417	13	4	9	54
5	7	23	10	10	8	11	8	458	12	5	7	55
.....	12	4	8	7	5	5	19	582	7	1	6	56
.....	19	12	9	3	6	12	21	831	7	6	1	57
.....	10	14	8	6	.....	10	33	300	7	6	1	58
.....	.....	2	2	.....	.....	3	4	61	.....	.....	.....	59
.....	2	.....	.....	.....	2	2	3	35	1	1	.....	60

IRRIGATION OF AGRICULTURAL LANDS

Drainage Basin Table 1 (Part 3 of 4).—IRRIGATION ENTERPRISES: NUMBER AND CHARACTERISTICS, BY DRAINAGE BASINS: CENSUSES OF 1950 AND 1940—Continued

[Interbasin enterprises are included in each drainage basin in which they had irrigation works, but only once in State total. For interbasin and interstate enterprises, data represent characteristics within the drainage basin or State, except where otherwise noted. Acreage irrigated direct by 2 or more enterprises is counted for each enterprise.]

Item (For definitions and explanations, see text)	North Platte River (VI-D)			South Platte River (VI-E)					
	Total	North Platte River direct (3d)	Laramie River (5a)	Total	South Platte River direct				
					Total	Below Sublette (1a)	Sublette to South Platte (1b)	Above South Platte (1c)	
<b>ALL ENTERPRISES</b>									
<b>Cost of water to farms, 1949:<sup>1</sup></b>									
<b>Total cost of water to farms:</b>									
1	Enterprises reporting.....enterprises..	186	169	17	3,319	1,806	547	1,174	89
2	Cost.....dollars..	38,299	37,934	365	2,368,216	1,141,780	472,039	667,129	2,612
3	Area irrigated direct.....acres..	161,238	155,478	5,760	1,109,689	553,127	234,758	272,977	45,392
4	Cost per acre irrigated direct.....dollars..	0.24	0.24	0.06	2.13	2.06	2.01	2.44	0.06
5	Total cost per irrigated acre.....dollars..	0.26	0.27	0.06	2.55	2.49	2.35	3.14	0.06
6	Total cost per acre-foot of water <sup>2</sup> .....dollars..	0.06	0.06	( <sup>2</sup> )	1.16	0.96	0.84	1.26	0.05
<b>Enterprises by cost per acre:</b>									
7	Less than \$1.00.....enterprises reporting..	173	156	17	886	453	121	248	86
8	acres irrigated..	157,128	151,368	5,760	398,010	190,967	73,670	72,265	45,032
9	\$1.00-\$1.99.....enterprises reporting..	4	4	.....	488	285	120	165	1
10	acres irrigated..	1,760	1,760	.....	286,469	146,480	80,999	65,471	10
11	\$2.00-\$4.99.....enterprises reporting..	8	8	.....	1,094	561	172	388	2
12	acres irrigated..	2,250	2,250	.....	351,916	177,741	60,306	117,085	350
13	\$5.00-\$9.99.....enterprises reporting..	.....	.....	.....	488	274	91	183	.....
14	acres irrigated..	.....	.....	.....	63,879	32,284	17,499	14,785	.....
15	\$10.00 and over.....enterprises reporting..	1	1	.....	363	233	43	190	.....
16	acres irrigated..	100	100	.....	9,415	5,655	2,284	3,371	.....
<b>Cost of water for primary irrigation:</b>									
17	Enterprises reporting.....enterprises..	176	159	17	2,220	1,126	341	703	86
18	Cost.....dollars..	35,975	35,610	365	1,952,917	912,554	401,407	508,631	2,516
19	Area supplied primary irrigation.....acres..	147,713	141,953	5,760	929,706	458,100	200,866	212,472	44,762
20	Cost per acre supplied.....dollars..	0.24	0.25	0.06	2.10	1.99	2.00	2.39	0.06
<b>Cost of water for supplemental irrigation:</b>									
21	Enterprises reporting.....enterprises..	18	18	.....	1,319	771	240	527	4
22	Cost.....dollars..	2,324	2,324	.....	415,299	229,226	70,632	158,498	96
23	Area supplied supplemental irrigation.....acres..	13,525	13,525	.....	179,983	95,027	33,892	60,505	630
24	Cost per acre supplied.....dollars..	0.17	0.17	.....	2.31	2.41	2.08	2.62	0.15
<b>Cost to farms for purposes other than operation and maintenance:<sup>4</sup></b>									
25	Enterprises reporting.....enterprises..	1	1	.....	140	38	14	25	.....
26	Cost.....dollars..	400	400	.....	444,470	136,087	37,119	98,968	.....
27	Area irrigated direct.....acres..	1,700	1,700	.....	426,981	128,670	25,019	103,651	.....
28	Cost per acre irrigated.....dollars..	0.24	0.24	.....	1.04	1.06	1.48	0.95	.....
<b>Arrearage in payments by farms, Jan. 1, 1950:<sup>4</sup></b>									
29	Enterprises reporting.....enterprises..	.....	.....	.....	49	19	7	12	.....
30	Amount.....dollars..	.....	.....	.....	213,856	201,177	195,708	5,469	.....
31	Area irrigated direct.....acres..	.....	.....	.....	88,626	47,447	14,824	32,623	.....
<b>SINGLE-FARM ENTERPRISES, 1950</b>									
32	Single-farm enterprises.....enterprises..	110	93	17	2,984	1,727	506	1,139	84
33	Area irrigated.....acres..	91,341	85,981	5,760	298,148	181,152	58,640	80,110	42,402
34	Complete-system enterprises <sup>5</sup> .....enterprises..	105	90	15	2,570	1,448	458	912	79
35	Area irrigated.....acres..	89,491	84,896	4,595	267,776	159,539	56,741	66,716	36,082
<b>Other farms irrigated:</b>									
36	Enterprises reporting.....number..	1	1	.....	128	93	60	33	.....
37	Number of other farms.....farms..	1	1	.....	181	128	89	39	.....
38	Area irrigated in other farms.....acres..	160	160	.....	11,626	9,299	6,190	3,109	.....
<b>Enterprises by origin of water supply:<sup>5</sup></b>									
39	No water from other enterprises.....enterprises reporting..	106	91	15	2,662	1,526	491	957	79
40	acres irrigated..	89,551	84,956	4,595	267,860	159,664	56,766	66,816	36,082
41	Part of water from other enterprises.....enterprises reporting..	3	1	2	194	145	4	137	5
42	acres irrigated..	1,235	70	1,165	18,872	15,426	995	8,111	6,320
43	All of water from other enterprises.....enterprises reporting..	1	1	.....	128	56	11	45	.....
44	acres irrigated..	555	555	.....	11,416	6,062	879	5,183	.....
<b>Enterprises by primary and supplemental irrigation:</b>									
45	All primary.....enterprises reporting..	105	88	17	1,716	924	247	597	82
46	acres irrigated..	86,918	81,158	5,760	176,826	107,748	27,862	38,074	41,812
47	Part primary, part supplemental.....enterprises reporting..	1	1	.....	89	51	22	28	1
48	Primary irrigation.....acres irrigated..	1,243	1,243	.....	4,762	2,899	1,239	1,260	400
49	Supplemental irrigation.....acres irrigated..	757	757	.....	4,958	3,165	1,288	1,777	100
50	All supplemental.....enterprises reporting..	4	4	.....	1,088	676	205	470	1
51	acres irrigated..	2,423	2,423	.....	111,602	67,340	28,251	38,999	90
<b>Enterprises by number of acres irrigated:<sup>5</sup></b>									
52	None.....enterprises reporting..	.....	.....	.....	91	76	32	44	.....
53	1-9 acres.....enterprises reporting..	.....	.....	.....	366	223	21	198	4
54	10-29 acres.....enterprises reporting..	4	2	2	400	253	61	183	9
55	30-59 acres.....enterprises reporting..	4	4	.....	442	250	52	191	7
56	60-99 acres.....enterprises reporting..	7	7	.....	568	322	84	226	12
57	100-199 acres.....enterprises reporting..	13	12	1	811	423	178	237	8
58	200-499 acres.....enterprises reporting..	25	19	6	268	145	76	51	18
59	500-999 acres.....enterprises reporting..	31	23	8	30	27	1	8	19
60	1,000 acres or more.....enterprises reporting..	26	26	.....	8	8	1	1	7

See footnotes at end of Drainage Basin Table 1, Part 3.

Drainage Basin Table 1 (Part 3 of 4).—IRRIGATION ENTERPRISES: NUMBER AND CHARACTERISTICS, BY DRAINAGE BASINS: CENSUSES OF 1950 AND 1940—Continued

[Interbasin enterprises are included in each drainage basin in which they had irrigation works, but only once in State total. For interbasin and interstate enterprises, data represent characteristics within the drainage basin or State, except where otherwise noted. Acreage irrigated direct by 2 or more enterprises is counted for each enterprise]

Item (For definitions and explanations, see text)	South Platte River (VI-E)—Continued								
	Upper Benver Creek (3)	Upper Bijou Creek (4)	Crow Creek (5)	Cache la Poudre River (6)	Thompson River (7)	St. Vrain and Boulder Creeks (8)	Clear Creek (9)	Bear Creek (10)	
<b>ALL ENTERPRISES</b>									
<b>Cost of water to farms, 1949:<sup>1</sup></b>									
Total cost of water to farms:									
1	Enterprises reporting.....enterprises..	84	117	50	788	128	228	105	31
2	Cost.....dollars..	42,216	84,620	24,953	669,732	127,897	222,386	43,199	11,433
3	Area irrigated direct.....acres..	10,645	18,993	9,595	267,729	72,598	144,314	22,241	10,447
4	Cost per acre irrigated direct.....dollars..	3.97	4.46	2.60	2.50	1.76	1.54	1.94	1.09
5	Total cost per irrigated acre.....dollars..	4.29	4.53	3.50	3.04	2.04	1.77	2.27	1.43
6	Total cost per acre-foot of water <sup>2</sup> .....dollars..	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	1.45	0.93	1.11	1.19	0.55
Enterprises by cost per acre:									
7	Less than \$1.00.....enterprises reporting..	3	2	4	198	50	131	30	21
8	acres irrigated.....	1,198	90	1,796	84,583	33,255	71,561	9,238	5,322
9	\$1.00-\$1.99.....enterprises reporting..	8	5	9	101	33	32	17	5
10	acres irrigated.....	1,137	1,040	4,312	63,708	24,047	35,461	5,863	4,421
11	\$2.00-\$4.99.....enterprises reporting..	53	68	22	314	20	38	20	3
12	acres irrigated.....	6,393	11,924	2,849	95,540	14,409	35,795	6,565	700
13	\$5.00-\$9.99.....enterprises reporting..	14	35	11	109	15	14	14	2
14	acres irrigated.....	1,549	5,328	483	21,990	651	1,281	309	4
15	\$10.00 and over.....enterprises reporting..	6	7	4	66	10	13	24	.....
16	acres irrigated.....	368	611	155	1,908	236	216	266	.....
<b>Cost of water for primary irrigation:</b>									
17	Enterprises reporting.....enterprises..	81	116	34	468	102	197	85	29
18	Cost.....dollars..	40,828	84,220	18,080	546,901	112,752	190,649	39,053	7,880
19	Area supplied primary irrigation.....acres..	9,834	18,688	7,130	220,395	62,833	125,749	18,998	7,979
20	Cost per acre supplied.....dollars..	4.15	4.51	2.54	2.48	1.79	1.52	2.06	0.99
<b>Cost of water for supplemental irrigation:</b>									
21	Enterprises reporting.....enterprises..	6	1	17	365	40	83	33	11
22	Cost.....dollars..	1,388	400	6,873	122,831	15,145	31,737	4,146	3,553
23	Area supplied supplemental irrigation.....acres..	811	305	2,465	47,334	9,765	18,565	3,243	2,468
24	Cost per acre supplied.....dollars..	1.71	1.31	2.79	2.59	1.55	1.71	1.28	1.44
<b>Cost to farms for purposes other than operation and maintenance:<sup>4</sup></b>									
25	Enterprises reporting.....enterprises..	.....	.....	1	42	15	34	17	3
26	Cost.....dollars..	.....	.....	45	200,697	34,028	61,020	10,152	2,441
27	Area irrigated direct.....acres..	.....	.....	1,044	181,900	36,790	58,562	16,752	3,263
28	Cost per acre irrigated.....dollars..	.....	.....	0.04	1.10	0.92	1.04	0.61	0.75
<b>Arrearage in payments by farms, Jan. 1, 1950:<sup>4</sup></b>									
29	Enterprises reporting.....enterprises..	.....	.....	.....	4	.....	14	14	2
30	Amount.....dollars..	.....	.....	.....	445	.....	4,638	6,801	795
31	Area irrigated direct.....acres..	.....	.....	.....	8,744	.....	19,466	11,900	1,069
<b>SINGLE-FARM ENTERPRISES, 1950</b>									
32	Single-farm enterprises.....enterprises..	83	117	49	730	90	105	63	21
33	Area irrigated.....acres..	9,591	18,993	5,251	67,535	5,588	7,376	1,319	1,343
34	Complete-system enterprises <sup>5</sup> .....enterprises..	81	117	48	677	66	76	38	19
35	Area irrigated.....acres..	9,591	18,993	5,251	63,828	4,009	4,938	677	950
<b>Other farms irrigated:</b>									
36	Enterprises reporting.....number..	5	2	1	20	1	4	1	1
37	Number of other farms.....farms..	5	2	1	25	1	4	1	14
38	Area irrigated in other farms.....acres..	148	61	160	1,466	160	209	33	290
<b>Enterprises by origin of water supply:<sup>5</sup></b>									
39	No water from other enterprises.....enterprises reporting..	83	117	49	685	68	77	38	19
40	acres irrigated.....	9,591	18,993	5,251	63,877	4,009	4,848	677	950
41	Part of water from other enterprises.....enterprises reporting..	.....	.....	.....	15	3	11	19	1
42	acres irrigated.....	.....	.....	.....	1,404	270	1,208	491	73
43	All of water from other enterprises.....enterprises reporting..	.....	.....	.....	30	19	17	6	1
44	acres irrigated.....	.....	.....	.....	2,254	1,309	1,320	151	320
<b>Enterprises by primary and supplemental irrigation:</b>									
45	All primary.....enterprises reporting..	78	116	31	376	62	73	40	17
46	acres irrigated.....	8,989	18,688	2,626	28,746	3,948	4,190	994	897
47	Part primary, part supplemental.....enterprises reporting..	1	.....	1	25	.....	6	3	2
48	Primary irrigation.....acres irrigated..	100	.....	160	944	.....	214	98	347
49	Supplemental irrigation.....acres irrigated..	9	.....	90	1,378	.....	218	52	46
50	All supplemental.....enterprises reporting..	3	1	16	320	26	24	20	2
51	acres irrigated.....	493	305	2,375	36,467	1,640	2,754	175	53
<b>Enterprises by number of acres irrigated:<sup>5</sup></b>									
52	None.....enterprises reporting..	1	.....	1	9	2	2	.....	.....
53	1-9 acres.....enterprises reporting..	1	1	.....	70	13	13	39	6
54	10-29 acres.....enterprises reporting..	4	6	6	80	14	22	13	2
55	30-59 acres.....enterprises reporting..	9	7	13	107	25	22	4	5
56	60-99 acres.....enterprises reporting..	19	18	5	164	12	22	2	4
57	100-199 acres.....enterprises reporting..	39	47	15	241	22	17	5	2
58	200-499 acres.....enterprises reporting..	10	37	9	58	2	6	.....	2
59	500-999 acres.....enterprises reporting..	.....	1	.....	1	.....	1	.....	.....
60	1,000 acres or more.....enterprises reporting..	.....	.....	.....	.....	.....	.....	.....	.....

<sup>1</sup> Enterprises with reported cost of \$0 in 1949 are included. <sup>2</sup> Average cost per irrigated acre divided by calculated average quantity of water per acre. (Drainage Basin Table 1, Part 4, line 66.) <sup>3</sup> Average not given because number of enterprises reporting quantity of water was not sufficient to provide satisfactory data. <sup>4</sup> Not reported by single-farm enterprises. <sup>5</sup> For interbasin and interstate enterprises, number of enterprises represents characteristics of the entire enterprise, number of acres represents acreage within the drainage basin or State.

IRRIGATION OF AGRICULTURAL LANDS

Drainage Basin Table 1 (Part 4 of 4).—IRRIGATION ENTERPRISES: NUMBER AND

[Interbasin enterprises are counted in each drainage basin in which they had irrigation works, but only

Item (For definitions and explanations, see text)	The State <sup>1</sup>	Gulf of California, total <sup>1</sup>	Colorado River excluding Green and Gunnison Rivers (IV-D)				
			Total <sup>1</sup>	Colorado River direct			
				Total	Below Cameo	Cameo to Dotsero	Above Dotsero
				(1a)	(1b)	(1c)	
<b>MULTIPLE-FARM ENTERPRISES, 1950</b>							
1 Multiple-farm enterprises, total number <sup>2</sup> .....enterprises..	2,302	1,042	470	109	10	79	20
2 Area irrigated direct.....acres..	2,399,618	628,030	356,049	121,960	69,160	41,211	11,589
3 Multiple-purpose enterprises <sup>2</sup> .....enterprises..	27	12	8	3	2	.....	1
4 Area irrigated direct.....acres..	53,092	36,351	36,351	27,680	27,680	.....	.....
5 Complete-system enterprises <sup>2</sup> .....enterprises..	1,385	694	313	90	1	76	13
6 Area irrigated direct.....acres..	997,098	365,624	158,283	52,833	2,752	41,032	9,049
7 Enterprises by origin of water supply: <sup>2</sup>							
8 No water from other enterprises.....enterprises reporting..	1,665	852	373	102	3	79	20
9 Part of water from other enterprises.....acres irrigated..	1,262,246	457,388	226,976	104,307	51,507	41,211	11,589
10 All water from other enterprises.....acres irrigated..	235	144	76	1	.....	.....	.....
11 Enterprises reporting.....acres irrigated..	694,192	137,891	109,903	7,680	7,680	.....	.....
12 Enterprises reporting.....acres irrigated..	402	46	21	6	.....	.....	.....
13 Enterprises by delivery of irrigation water: <sup>2</sup>	443,180	32,751	19,170	9,973	9,973	.....	.....
14 No water delivered.....enterprises reporting..	3	.....	.....	.....	.....	.....	.....
15 Water delivered direct to farms only.....acres irrigated..	1,810	809	366	90	3	74	13
16 Water delivered to farms and to other enterprises.....acres irrigated..	1,092,613	351,108	193,388	49,939	1,437	39,453	9,049
17 Water delivered to other enterprises only.....acres irrigated..	359	145	88	17	7	4	6
18 Enterprises reporting.....acres irrigated..	1,307,005	276,922	162,661	72,021	67,723	1,758	2,540
19 Enterprises by primary and supplemental irrigation: <sup>3</sup>	130	88	16	2	.....	1	1
20 All primary.....enterprises reporting..	1,563	713	348	86	6	63	17
21 Part primary, part supplemental.....acres irrigated..	1,380,382	440,631	233,088	76,735	35,144	31,024	10,567
22 Primary irrigation.....acres irrigated..	526	211	96	20	4	15	1
23 Supplemental irrigation.....acres irrigated..	828,284	144,689	102,003	40,589	30,839	9,119	622
24 All supplemental.....enterprises reporting..	167,497	35,588	18,406	4,545	3,177	1,068	300
25 All supplemental.....acres irrigated..	80	29	9	1	.....	.....	1
26 Enterprises by number of farms irrigated direct: <sup>2</sup>	23,455	7,122	2,552	100	.....	.....	100
27 None.....enterprises reporting..	133	88	16	2	.....	1	1
28 1-3.....enterprises reporting..	934	509	211	45	.....	31	14
29 4-9.....enterprises reporting..	663	290	159	34	1	28	5
30 10-29.....enterprises reporting..	385	111	55	17	1	16	.....
31 30-99.....enterprises reporting..	150	34	21	5	2	3	.....
32 100-299.....enterprises reporting..	28	3	2	2	.....	.....	.....
33 300-999.....enterprises reporting..	8	6	6	4	4	.....	.....
34 1,000 or more.....enterprises reporting..	1	1	.....	.....	.....	.....	.....
35 Enterprises by acres irrigated direct: <sup>2</sup>							
36 None.....enterprises reporting..	133	88	16	2	.....	1	1
37 1-99 acres.....enterprises reporting..	404	201	77	13	1	11	1
38 100-999 acres.....enterprises reporting..	1,282	643	311	75	2	58	15
39 1,000-2,999 acres.....enterprises reporting..	337	85	49	14	3	8	3
40 3,000-9,999 acres.....enterprises reporting..	117	20	13	3	2	1	.....
41 10,000-29,999 acres.....enterprises reporting..	21	2	2	2	2	.....	.....
42 30,000 or more.....enterprises reporting..	8	3	2	.....	.....	.....	.....
43 Quantities of water reported, 1949: <sup>4</sup>							
44 Total obtained from all sources.....enterprises reporting..	2,201	976	434	96	10	68	18
45 percent of all enterprises reporting.....acre-feet..	24	35	30	20	11	32	11
46 Surface sources.....acres irrigated..	10,795,335	4,257,070	2,612,470	1,391,025	1,080,618	190,435	119,972
47 Pumped wells.....acres irrigated..	1,792	927	411	90	4	68	18
48 Other enterprises.....acres irrigated..	9,074,298	3,872,517	2,326,053	1,279,768	969,361	190,435	119,972
49 Conveyance loss.....acres irrigated..	7	1	1	1	1	.....	.....
50 Delivered: <sup>4</sup>	7,761	5,112	5,112	5,112	5,112	.....	.....
51 Direct to farms.....acres irrigated..	630	187	95	7	7	.....	.....
52 To other enterprises.....acres irrigated..	1,713,276	379,441	281,305	106,145	106,145	.....	.....
53 For use other than irrigation.....acres irrigated..	2,060	917	422	94	10	68	16
54 Delivered direct to farms for primary irrigation: <sup>3</sup>	1,906,935	640,642	385,333	185,639	132,845	34,599	18,195
55 Enterprises reporting.....acres irrigated..	2,075	888	418	94	10	67	17
56 Quantity delivered.....acres irrigated..	6,201,791	2,400,616	1,252,629	517,726	309,299	151,702	56,725
57 Area supplied primary irrigation.....acres irrigated..	460	215	92	7	7	4	5
58 Quantity supplied per acre.....acres irrigated..	1,945,226	560,569	435,261	159,937	111,345	3,540	45,052
59 Delivered direct to farms for supplemental irrigation: <sup>3</sup>	77	19	11	6	4	2	.....
60 Enterprises reporting.....acres irrigated..	741,383	655,243	539,247	527,723	527,129	594	.....
61 Quantity delivered.....acres irrigated..	1,988	854	404	93	10	67	16
62 Area supplied supplemental irrigation.....acres irrigated..	5,745,754	2,234,138	1,172,875	501,001	295,660	149,751	55,590
63 Quantity supplied per acre.....acres irrigated..	2,170,718	567,804	323,958	113,493	65,983	36,591	10,919
64 Total quantity per irrigated acre <sup>3</sup> .....acres irrigated..	2.6	3.9	3.6	4.4	4.5	4.1	5.1
65 Cost of water to farms for enterprises reporting quantity delivered, 1949: <sup>5</sup>							
66 Cost for primary irrigation.....dollars..	3,570,199	901,612	521,901	229,545	186,391	39,919	3,235
67 Average cost per acre-foot.....dollars..	0.62	0.40	0.44	0.46	0.63	0.27	0.06
68 Cost for supplemental irrigation.....dollars..	196,003	52,810	21,558	7,434	6,631	708	115
69 Average cost per acre-foot.....dollars..	0.46	0.38	0.35	0.45	0.49	0.36	0.10
70 Measurement of water to farms, 1949: <sup>5</sup>							
71 No water measured.....enterprises reporting..	1,282	583	292	73	2	55	16
72 Part of water measured.....acres irrigated..	644,303	208,354	122,081	41,735	7,707	26,095	7,933
73 All water measured.....enterprises reporting..	205	58	13	3	1	1	1
74 Part of water measured.....acres irrigated..	369,078	66,355	30,667	5,165	2,752	192	2,221
75 All water measured.....enterprises reporting..	640	317	123	23	7	13	3
76 All water measured.....acres irrigated..	1,262,189	326,110	185,557	68,644	58,701	8,508	1,435

See footnotes at end of Drainage Basin Table 1, Part 4.

CHARACTERISTICS, BY DRAINAGE BASINS: CENSUSES OF 1950 AND 1940

once in the State total. Acreage irrigated direct by 2 or more enterprises is counted for each enterprise]

Colorado River excluding Green and Gunnison Rivers (IV-D)—Continued														
San Juan River							Dolores River			Plateau Creek	Roaring Fork	Eagle River	Frazer River	
Total	San Juan River direct	McElmo Creek	Mancos River	LaPlata River	Animas River	Los Pinos River	Total	Dolores River direct	San Miguel River					
	(2a)	(2b)	(2c)	(2d)	(2e)	(2f)	(4a)	(4b)	(5)	(6)	(7)	(10)		
149	32	10	29	23	30	28	32	16	16	84	60	30	8	1
141,176	13,199	36,849	11,474	17,458	20,979	41,217	29,121	6,500	22,621	26,862	21,477	10,917	2,865	2
4	1	.....	2	.....	.....	1	1	.....	1	.....	.....	.....	.....	3
140	50	.....	90	.....	.....	.....	8,531	.....	8,531	.....	.....	.....	.....	4
89	23	8	13	13	30	3	20	11	9	51	46	16	2	5
48,422	8,279	2,733	5,817	10,387	20,979	227	13,183	3,802	9,381	15,140	18,631	6,758	1,645	6
105	28	9	16	19	30	4	23	13	10	49	58	29	8	7
53,450	9,478	3,058	4,201	15,507	20,979	227	21,714	3,802	17,912	10,942	21,227	10,800	2,865	8
35	1	1	12	1	.....	21	3	3	.....	35	2	1	.....	9
83,238	2,400	33,791	6,773	826	.....	39,448	2,698	2,698	.....	15,920	250	11.7	.....	10
9	3	.....	1	3	.....	3	6	.....	6	.....	.....	.....	.....	11
4,488	1,321	.....	500	1,125	.....	1,542	4,709	.....	4,709	.....	.....	.....	.....	12
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	13
116	25	6	18	17	29	23	26	12	14	76	43	13	2	14
73,055	9,480	2,060	7,470	12,338	17,879	23,828	17,816	5,635	12,181	26,802	16,849	5,611	1,645	15
31	7	4	10	6	1	4	4	2	2	1	15	17	5	16
68,121	3,719	34,789	4,004	5,120	3,100	17,389	11,305	865	10,440	60	4,628	5,306	1,220	17
2	.....	.....	1	.....	.....	1	2	2	.....	7	2	.....	1	18
109	24	8	26	18	20	16	18	8	10	60	46	25	6	19
90,193	10,520	36,483	9,455	11,208	9,357	13,170	17,331	2,531	14,800	20,710	17,025	8,789	2,305	20
33	6	2	2	4	9	.....	10	5	5	17	10	5	1	21
41,297	1,314	256	1,517	2,594	9,754	25,862	8,984	2,864	6,120	5,003	2,972	1,985	270	22
7,693	780	110	502	2,456	1,860	1,985	2,491	905	1,586	1,149	1,336	143	290	23
5	2	.....	.....	1	1	1	2	1	1	.....	.....	.....	.....	24
1,993	585	.....	.....	1,200	8	200	315	200	115	.....	144	.....	.....	25
2	.....	.....	1	.....	.....	1	2	2	.....	7	2	.....	1	26
65	19	3	13	6	15	9	14	8	6	41	30	10	6	27
44	9	3	11	6	7	8	9	3	6	31	23	17	.....	28
24	3	2	2	11	5	2	3	1	2	5	4	2	.....	29
13	1	1	2	.....	3	8	3	1	2	.....	1	.....	.....	30
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	31
1	.....	1	.....	.....	.....	.....	1	1	.....	.....	.....	1	.....	32
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	33
2	.....	.....	1	.....	.....	1	2	2	.....	7	2	.....	1	34
38	5	2	6	5	14	6	3	1	2	11	8	3	.....	35
81	25	6	19	10	8	14	17	9	8	62	46	25	5	36
19	1	.....	2	8	5	3	5	2	3	4	4	2	1	37
8	1	1	1	.....	3	4	3	1	2	.....	.....	.....	.....	38
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	39
1	.....	1	.....	.....	.....	.....	2	1	1	.....	.....	.....	.....	40
148	31	10	29	23	30	28	32	16	16	83	46	23	8	41
42	32	29	51	56	38	58	26	20	36	64	28	28	18	42
673,200	120,786	146,190	41,454	35,529	58,275	337,249	222,709	160,746	61,963	98,933	260,874	63,570	27,639	43
137	28	10	28	20	30	23	27	16	11	83	46	23	8	44
538,931	84,566	134,906	37,792	33,724	58,275	223,531	204,004	145,462	58,542	90,243	236,094	63,570	27,639	45
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	46
44	4	1	13	4	24	8	8	3	5	35	2	.....	.....	47
134,269	36,220	11,284	3,662	1,805	.....	113,718	18,705	15,284	3,421	8,690	24,780	.....	.....	48
142	28	10	27	22	30	28	31	15	16	80	46	23	8	49
118,691	20,460	29,152	3,471	2,709	9,587	68,502	42,949	26,877	16,072	8,359	32,314	15,761	6,135	50
146	31	10	28	23	30	27	30	14	16	76	44	23	7	52
415,696	82,884	116,178	31,472	29,961	48,688	145,936	155,325	113,961	41,364	77,731	131,837	42,591	11,548	53
33	7	4	11	6	1	5	6	4	2	8	12	13	6	54
138,251	17,442	860	5,949	2,859	.....	122,811	21,353	17,636	3,717	12,843	88,843	5,218	9,956	55
1	.....	.....	1	.....	.....	.....	2	1	1	.....	2	.....	.....	56
562	.....	.....	562	.....	.....	.....	3,082	2,272	810	.....	7,880	.....	.....	57
137	29	10	28	21	29	23	28	13	15	76	42	23	7	58
381,924	54,985	107,544	24,561	25,286	42,369	127,179	55,599	17,218	38,381	74,742	106,404	39,636	10,650	59
131,145	11,569	36,739	10,972	13,722	19,111	39,032	26,315	5,395	20,920	25,211	15,963	8,244	2,575	60
2.9	4.8	2.9	2.2	1.8	2.2	3.3	2.1	3.2	1.8	3.0	6.7	4.8	4.1	61
37	7	2	2	5	10	11	12	6	6	17	5	3	1	62
27,208	6,052	2,554	1,014	4,315	5,785	7,488	7,056	4,073	2,983	2,887	4,231	190	898	63
9,406	1,085	110	502	3,656	1,868	2,185	2,806	1,105	1,701	1,119	919	75	290	64
2.9	5.6	23.2	2.0	1.2	3.1	3.4	2.5	3.7	1.8	2.6	4.6	2.5	3.1	65
3.1	5.2	3.1	2.4	2.1	2.5	3.5	2.4	3.7	2.0	3.3	7.1	4.9	4.3	66
196,907	12,323	77,908	10,465	7,173	22,707	66,331	60,017	15,515	44,502	13,113	20,041	422	1,856	67
0.52	0.22	0.72	0.43	0.28	0.54	0.52	1.08	0.90	1.16	0.18	0.19	0.01	0.17	68
9,909	391	211	276	3,081	2,381	3,569	3,177	2,098	1,079	594	424	.....	.....	69
0.36	0.06	0.08	0.27	0.71	0.41	0.48	0.45	0.52	0.36	0.21	0.10	.....	0.00	70
43	10	7	2	14	4	6	17	8	9	72	55	24	8	71
23,323	1,445	1,549	500	6,341	2,128	11,360	4,679	841	3,838	23,723	15,846	8,239	2,865	72
5	.....	.....	1	1	1	2	5	.....	5	.....	.....	.....	.....	73
12,774	.....	.....	981	1,420	1,220	9,153	12,728	.....	12,728	.....	.....	.....	.....	74
89	15	2	24	7	25	19	10	8	2	1	2	.....	.....	75
101,553	8,889	35,237	9,690	9,402	17,631	20,704	11,714	5,659	6,055	1,032	2,614	.....	.....	76

IRRIGATION OF AGRICULTURAL LANDS

Drainage Basin Table 1 (Part 4 of 4).—IRRIGATION ENTERPRISES: NUMBER AND

[Interbasin enterprises are counted in each drainage basin in which they had irrigation works, but only

Item (For definitions and explanations, see text)	Green River (IV-E)					Gunnison River (IV-F)	
	Total <sup>1</sup>	White River	Yampa River			Total	Gunnison River direct
			Total <sup>1</sup>	Yampa River direct	Elk River		
		(4)	(8a)	(8c)		(1)	
<b>MULTIPLE-FARM ENTERPRISES, 1950</b>							
1 Multiple-farm enterprises, total number <sup>2</sup> .....enterprises..	129	30	99	76	21	445	234
2 Area irrigated direct.....acres..	50,236	16,837	33,399	27,459	5,137	221,745	70,335
3 Multiple-purpose enterprises <sup>2</sup> .....enterprises..	1		1	1		3	2
4 Area irrigated direct.....acres..							
5 Complete-system enterprises <sup>2</sup> .....enterprises..	116	29	87	65	20	265	123
6 Area irrigated direct.....acres..	46,622	16,417	30,205	24,370	5,032	160,719	39,402
Enterprises by origin of water supply: <sup>2</sup>							
7 No water from other enterprises.....enterprises reporting..	129	30	99	76	21	352	163
8 acres irrigated.....	50,236	16,837	33,399	27,459	5,137	180,176	44,274
9 Part of water from other enterprises.....enterprises reporting..						68	62
10 acres irrigated.....						27,988	22,558
11 All water from other enterprises.....enterprises reporting..						25	9
12 acres irrigated.....						13,581	3,503
Enterprises by delivery of irrigation water: <sup>2</sup>							
13 No water delivered.....enterprises reporting..							
14 Water delivered direct to farms only.....enterprises reporting..	113	28	85	63	20	330	168
15 acres irrigated.....	42,448	14,726	27,722	21,887	5,032	115,272	48,732
16 Water delivered to farms and to other enterprises.....enterprises reporting..	15	2	13	12	1	43	20
17 acres irrigated.....	7,788	2,111	5,677	5,572	105	106,473	21,603
18 Water delivered to other enterprises only.....enterprises reporting..	1		1	1		72	46
Enterprises by primary and supplemental irrigation: <sup>3</sup>							
19 All primary.....enterprises reporting..	110	28	82	62	18	255	119
20 acres irrigated.....	42,384	16,677	25,707	20,881	4,023	165,159	44,217
21 Part primary, part supplemental.....enterprises reporting..	13	1	12	9	3	102	62
22 Primary irrigation.....acres irrigated..	4,389	60	4,329	3,585	744	38,297	17,331
23 Supplemental irrigation.....acres irrigated..	2,893	60	2,833	2,463	370	14,289	7,621
24 All supplemental.....enterprises reporting..	4	1	3	3		16	7
25 acres irrigated.....	570	40	530	530		4,000	1,166
Enterprises by number of farms irrigated direct: <sup>2</sup>							
26 None.....enterprises reporting..	1		1	1		72	46
27 1-3.....enterprises reporting..	90	19	71	52	18	208	110
28 4-9.....enterprises reporting..	27	7	20	17	3	105	50
29 10-29.....enterprises reporting..	11	4	7	6		45	18
30 30-99.....enterprises reporting..						13	9
31 100-299.....enterprises reporting..						1	
32 300-999.....enterprises reporting..							
33 1,000 or more.....enterprises reporting..						1	1
Enterprises by acres irrigated direct: <sup>2</sup>							
34 None.....enterprises reporting..	1		1	1		72	46
35 1-99 acres.....enterprises reporting..	21	8	13	11	2	103	64
36 100-999 acres.....enterprises reporting..	92	16	76	56	19	241	109
37 1,000-2,999 acres.....enterprises reporting..	13	5	8	8		23	12
38 3,000-9,999 acres.....enterprises reporting..	2	1	1			5	2
39 10,000-29,999 acres.....enterprises reporting..							
40 30,000 or more.....enterprises reporting..						1	1
Quantities of water reported, 1949: <sup>4</sup>							
41 Total obtained from all sources.....enterprises reporting..	125	30	95	72	21	419	220
42 percent of all enterprises reporting..	28	23	31	30	47	45	49
43 Surface sources.....acre-feet..	357,710	155,592	202,118	161,463	32,336	1,294,180	958,714
44 Pumped wells.....acre-feet..	125	30	95	72	21	392	207
45 Other enterprises.....acre-feet..	357,710	155,592	202,118	161,463	32,336	1,196,044	905,930
46 Conveyance loss <sup>4</sup> .....enterprises reporting..	123	29	94	71	21	373	193
47 acres irrigated.....	43,496	26,318	17,178	15,423	1,265	212,363	176,931
48 Delivered: <sup>4</sup>							
49 Direct to farms.....enterprises reporting..	124	30	94	71	21	347	174
50 To other enterprises.....enterprises reporting..	299,440	129,124	170,316	132,041	30,446	851,047	596,738
51 For use other than irrigation.....enterprises reporting..	16	2	14	13	1	109	63
52 acres irrigated.....	14,674	150	14,524	13,899	625	114,874	70,545
53 Delivered direct to farms for primary irrigation: <sup>3</sup>							
54 Enterprises reporting.....enterprises..	119	29	90	67	21	331	167
55 Quantity delivered.....acre-feet..	269,776	128,038	141,738	112,053	27,379	791,487	215,428
56 Area supplied primary irrigation.....acres..	46,445	16,737	29,708	24,138	4,767	197,401	57,869
57 Quantity supplied per acre.....acre-feet..	5.8	7.6	4.8	4.6	5.7	4.0	3.7
58 Delivered direct to farms for supplemental irrigation: <sup>3</sup>							
59 Enterprises reporting.....enterprises..	17	2	15	12	3	113	68
60 Quantity delivered.....acre-feet..	18,051	1,086	16,965	14,698	2,267	59,175	27,379
61 Area supplied supplemental irrigation.....acres..	3,463	100	3,363	2,993	370	17,262	8,162
62 Quantity supplied per acre.....acre-feet..	5.2	10.9	5.0	4.9	6.1	3.4	3.4
63 Total quantity per irrigated acre <sup>5</sup> .....acre-feet..	6.1	7.7	5.2	5.0	6.0	4.3	4.1
64 Cost of water to farms for enterprises reporting quantity delivered, 1949: <sup>3</sup>							
65 Cost for primary irrigation.....dollars..	20,382	15,138	5,244	4,494		359,329	99,126
66 Average cost per acre-foot.....dollars..	0.08	0.12	0.04	0.04		0.45	0.46
67 Cost for supplemental irrigation.....dollars..	1,174	50	1,124	1,124		30,078	12,894
68 Average cost per acre-foot.....dollars..	0.07	0.05	0.07	0.08		0.51	0.47
69 Measurement of water to farms, 1949: <sup>3</sup>							
70 No water measured.....enterprises reporting..	107	27	80	61	17	184	115
71 acres irrigated.....	36,606	10,244	26,362	22,073	3,486	49,667	30,303
72 Part of water measured.....enterprises reporting..	8		8	7		37	15
73 acres irrigated.....	4,343		4,343	3,918	425	31,345	9,787
74 All water measured.....enterprises reporting..	11	3	8	6	2	184	81
75 acres irrigated.....	8,937	6,593	2,344	1,462	882	131,616	24,703

See footnotes at end of Drainage Table 1, Part 4.

CHARACTERISTICS, BY DRAINAGE BASINS: CENSUSES OF 1950 AND 1940—Continued

once in the State total. Acreage irrigated direct by 2 or more enterprises is counted for each enterprise]

Gunnison River (IV-P)—Continued						Gulf of Mexico: Rio Grande (V-C)							San Luis Lake and San Luis Creek		
Uncom- paigne River	North Fork	Smith Fork	Tomichi Creek	Slate River	Total	Rio Grande direct	Costilla Creek	San Antonio and Conejos Rivers	Trinchera Creek	LaJara and Alamosa Creeks	Total	San Luis Lake and San Luis Creek direct (14a)	Saguache Creek (14b)		
(2)	(3)	(4)	(5)	(6)		(1c)	(10)	(11)	(12)	(13)					
76	77	20	32	10	304	99	30	97	9	71	8	3	5		
96,505	24,026	16,551	11,668	2,660	505,015	231,251	27,345	86,416	11,499	137,986	10,518	2,958	7,560		
1	1				3	2					1		1		
70	29	13	23	8	2,375	1,665					710		710		
90,943	6,343	12,559	9,532	1,940	219,907	68,714	23,669	30,873		87,241	9,410	2,460	6,950		
72	63	19	29	9	200	58	28	70	1	38	8	3	5		
91,729	14,530	16,030	11,173	2,440	254,395	81,455	24,119	52,129		86,174	10,518	2,958	7,560		
	5	1			24	8	1			15			8		
	4,909	521			186,212	129,167	2,500	16,111		38,434			10		
	4	9			80	33	1	23		18			11		
4,776	4,587		495	220	64,408	20,629	726	18,176	11,499	13,378			12		
					2	1		1					13		
72	43	13	26	9	242	74	28	77		56	3	2	1		
25,955	15,839	12,559	10,027	2,160	182,029	45,328	12,985	57,853	11,499	51,194	3,170	2,460	710		
3	8	7	6	1	50	17	2	19		13	5	1	4		
70,590	8,187	3,992	1,641	500	322,986	185,923	14,360	28,563		86,792	7,348	498	6,850		
1	26				10	7			1	2			17		
56	28	15	32	8	187	60	19	61	8	44	2	1	1		
90,001	7,787	9,486	11,668	2,000	211,694	81,491	23,940	53,977	11,499	37,783	3,004	498	2,506		
15	18				86	28	8	26		22	5	2	3		
4,283	10,916	5,397		370	234,752	131,441	1,810	14,130		83,717	3,654	800	2,854		
1,317	3,828	1,233		290	52,629	16,887	1,456	15,235		15,901	3,150	1,660	1,490		
4	5				19	3	3	9		3	1		2		
904	1,495	435			5,940	1,432	139	3,074		585	710		710		
1	26				12	8		1		2			26		
35	16	8	29	10	121	49	8	35	2	20	7	3	4		
32	14	7	2		103	26	8	39	4	25	1		27		
7	16	4	1		48	8	9	15	2	17			29		
	4	1			18	6	5	7		5			30		
	1				2	2				2			31		
1													32		
													33		
1	26				12	8		1		2			34		
15	15	4	4	1	31	6	10	9		6			35		
56	30	10	27	9	182	58	14	62	4	38	6	2	4		
2	5	4			53	15	5	18	3	12	1	1	36		
1	1	2	1		20	7		7	1	11	1		1		
1					3	2	1			1			39		
					3	3				1			40		
75	77	19	29	3	282	94	23	88	9	70	8	3	5		
46	46	43	33	12	25	16	62	58	53	28	8	6	11		
758,904	127,749	44,944	47,821	5,354	1,354,470	791,969	70,983	282,620	47,337	411,608	22,474	8,056	14,418		
71	69	19	26	3	202	61	22	65	1	52	8	3	5		
723,027	102,501	44,844	45,505	5,354	1,170,380	702,561	68,688	226,940	24,000	380,788	22,474	8,056	14,418		
													46		
													47		
4	14	1	3		103	40	2	27		33			48		
35,877	25,248	100	2,316		184,090	89,408	2,295	55,680	23,337	50,820			49		
75	58	19	29	3	262	90	23	83	9	59	7	3	4		
145,564	15,863	4,466	4,101	1,084	247,299	146,845	18,512	47,389	6,119	78,066	2,965	1,208	1,757		
74	51	19	29	3	273	88	23	88	8	68	8	3	5		
463,610	81,305	37,051	38,590	4,270	913,551	546,438	50,176	176,861	17,881	285,262	19,049	6,548	12,501		
4	34	6	5		57	22	2	18	1	15	5	1	4		
41,993	29,959	3,427	4,356		193,193	98,686	2,295	58,370	23,337	47,853	460	300	160		
1	2		1		3					3			55		
107,737	622		774		427					427			56		
													57		
70	46	19	29	3	255	85	20	80	8	65	7	3	4		
441,372	63,761	28,371	38,590	3,965	804,896	396,133	46,598	140,912	17,881	197,158	6,214	3,681	2,533		
94,218	18,703	14,738	11,353	520	438,316	211,635	24,799	65,233	11,499	121,492	3,658	1,298	2,360		
4.7	3.4	1.9	3.4	7.6	1.8	1.9	1.9	2.2	1.6	1.6	1.7	2.8	1.1		
18	22	4		1	94	29	10	28		24	6	2	4		
9,319	17,544	4,628		305	102,876	35,874	3,578	25,652		24,937	12,835	2,867	9,968		
2,168	5,220	1,592		120	51,005	17,212	1,575	12,132		16,226	3,860	1,660	2,200		
4.3	3.4	2.9		2.5	2.0	2.1	2.3	2.1		1.5	3.3	1.7	4.5		
4.8	4.2	2.2	3.4	7.7	2.2	2.2	2.1	2.1	1.6	2.1	1.9	2.9	1.4		
198,475	46,828	12,970	1,817	113	337,844	173,716	34,619	28,547	20,115	80,157	690	339	351		
0.45	0.74	0.46	0.05	0.03	0.42	0.44	0.74	0.20	1.12	0.41	0.11	0.09	0.14		
2,420	11,622	3,129		13	24,504	11,137	452	3,681		8,254	980	216	764		
0.26	0.66	0.68		0.04	0.24	0.31	0.13	0.14		0.33	0.08	0.08	0.08		
													70		
5	18	9	28	9	221	61	27	83		51	7	3	4		
2,074	2,012	5,550	7,548	2,180	220,449	57,151	11,877	75,536		66,077	9,808	2,958	6,850		
	7	4			33	13		5		15			73		
1,492	9,037	7,529	3,500		26,940	6,992		2,735		17,213			74		
60	41	5			28	12	1	4		9	1		1		
92,542	11,517	2,854			196,271	115,203	13,910	1,920	11,499	53,029	710		710		

IRRIGATION OF AGRICULTURAL LANDS

Drainage Basin Table 1 (Part 4 of 4).—IRRIGATION ENTERPRISES: NUMBER AND

[Interbasin enterprises are counted in each drainage basin in which they had irrigation works, but only

Item (For definitions and explanations, see text)	Mississippi River, total <sup>1</sup>	Arkansas River (VI-B)					Purgatoire River (6)
		Total	Arkansas River direct			Total	
			Total	Below John Martin Dam (1a)	John Martin Dam to Pueblo (1b)		
MULTIPLE-FARM ENTERPRISES, 1950							
1 Multiple-farm enterprises, total number <sup>2</sup> .....enterprises..	959	427	240	38	96	109	45
2 Area irrigated direct.....acres..	1,266,573	384,212	319,585	118,655	169,592	31,338	25,975
3 Multiple-purpose enterprises <sup>2</sup> .....enterprises..	13	5	2	.....	.....	2	.....
4 Area irrigated direct.....acres..	14,366	2,184	1,030	.....	.....	1,030	.....
5 Complete-system enterprises <sup>2</sup> .....enterprises..	528	277	121	11	21	89	33
6 Area irrigated direct.....acres..	411,567	141,674	102,338	18,142	63,006	21,190	11,280
Enterprises by origin of water supply: <sup>2</sup>							
7 No water from other enterprises.....enterprises reporting..	615	311	140	13	28	99	40
8 Area irrigated.....acres irrigated..	550,463	184,120	126,393	40,951	58,344	27,098	22,966
9 Part of water from other enterprises.....enterprises reporting..	67	8	8	1	5	5	.....
10 Area irrigated.....acres irrigated..	370,089	97,783	97,260	31,918	62,618	2,724	.....
11 All water from other enterprises.....enterprises reporting..	277	108	92	24	63	5	5
12 Area irrigated.....acres irrigated..	346,021	102,309	95,932	45,786	48,630	1,516	3,009
Enterprises by delivery of irrigation water: <sup>2</sup>							
13 No water delivered.....enterprises reporting..	1	.....	.....	.....	.....	.....	.....
14 Water delivered direct to farms only.....enterprises reporting..	759	372	207	33	81	93	34
15 Area irrigated.....acres irrigated..	559,476	180,792	146,985	58,109	62,514	26,362	8,352
16 Water delivered to farms and to other enterprises.....enterprises reporting..	165	49	28	5	13	13	11
17 Area irrigated.....acres irrigated..	707,097	203,420	172,600	60,546	107,078	4,976	17,623
18 Water delivered to other enterprises only.....enterprises reporting..	34	6	5	.....	.....	3	.....
Enterprises by primary and supplemental irrigation: <sup>3</sup>							
19 All primary.....enterprises reporting..	663	315	193	32	83	80	31
20 Area irrigated.....acres irrigated..	728,057	285,944	249,710	101,397	129,412	18,901	13,785
21 Part primary, part supplemental.....enterprises reporting..	229	91	36	6	.....	21	11
22 Primary irrigation.....acres irrigated..	448,843	82,363	61,653	15,743	37,350	8,560	10,432
23 Supplemental irrigation.....acres irrigated..	79,280	13,826	7,534	1,515	2,662	3,357	1,255
24 All supplemental.....enterprises reporting..	32	15	6	.....	2	4	3
25 Area irrigated.....acres irrigated..	10,393	2,079	688	.....	168	520	503
Enterprises by number of farms irrigated direct: <sup>2</sup>							
26 None.....enterprises reporting..	35	6	5	.....	2	3	.....
27 1-3.....enterprises reporting..	304	183	79	3	15	61	10
28 4-9.....enterprises reporting..	270	146	79	13	37	29	22
29 10-29.....enterprises reporting..	226	62	50	17	26	7	10
30 30-99.....enterprises reporting..	99	23	20	3	12	7	3
31 100-299.....enterprises reporting..	23	6	1	1	3	2	.....
32 300-999.....enterprises reporting..	2	1	1	1	1	.....	.....
33 1,000 or more.....enterprises reporting..	.....	.....	.....	.....	.....	.....	.....
Enterprises by acres irrigated direct: <sup>2</sup>							
34 None.....enterprises reporting..	35	6	5	.....	2	3	.....
35 1-99 acres.....enterprises reporting..	172	114	51	1	16	34	16
36 100-999 acres.....enterprises reporting..	458	231	120	9	46	65	19
37 1,000-2,999 acres.....enterprises reporting..	199	49	40	18	19	3	8
38 3,000-9,999 acres.....enterprises reporting..	77	22	19	8	9	4	2
39 10,000-29,999 acres.....enterprises reporting..	16	4	4	1	3	.....	.....
40 30,000 or more.....enterprises reporting..	2	1	1	1	1	.....	.....
Quantities of water reported, 1949: <sup>4</sup>							
41 Total obtained from all sources.....enterprises reporting..	946	420	237	38	95	107	41
42 percent of all enterprises reporting..	18	27	25	42	18	31	35
43 Surface sources.....acres-feet..	5,313,760	1,815,562	1,592,746	610,808	1,057,426	362,290	135,173
44 Surface sources.....enterprises reporting..	666	310	142	14	29	102	36
45 Pumped wells.....acres-feet..	4,137,396	1,463,024	1,251,160	478,533	859,348	317,526	118,691
46 Pumped wells.....enterprises reporting..	6	5	5	.....	5	.....	.....
47 Other enterprises.....acres-feet..	2,649	2,169	2,169	.....	2,169	.....	.....
48 Other enterprises.....enterprises reporting..	341	115	100	25	68	10	5
49 Conveyance loss <sup>4</sup> .....acres-feet..	1,173,715	350,369	339,417	132,275	195,909	44,764	16,482
50 Delivered: <sup>4</sup> .....acres-feet..	883	494	224	35	95	97	41
51 Direct to farms.....acres-feet..	1,033,347	272,163	237,904	100,959	164,126	47,535	18,727
52 To other enterprises.....acres-feet..	915	416	234	38	94	105	41
53 For use other than irrigation.....acres-feet..	2,904,293	1,124,769	984,134	368,572	630,467	143,403	97,505
54 Delivered direct to farms for primary irrigation: <sup>3</sup> .....acres-feet..	191	51	30	5	14	14	10
55 Quantity delivered.....acres..	1,290,407	367,780	334,213	141,277	258,733	138,957	18,891
56 Quantity supplied per acre.....acres-feet..	55	26	19	.....	3	16	1
57 Delivered direct to farms for supplemental irrigation: <sup>3</sup> .....acres-feet..	85,713	50,850	36,495	.....	4,100	32,395	50
58 Enterprises reporting.....enterprises..	879	400	227	38	92	99	38
59 Quantity delivered.....acres-feet..	2,706,721	1,076,590	944,067	307,302	538,028	98,737	74,720
60 Area supplied primary irrigation.....acres..	1,164,598	367,334	311,033	117,140	166,762	27,131	23,582
61 Quantity supplied per acre.....acres-feet..	2.3	2.9	3.0	2.6	3.2	3.6	3.2
62 Enterprises reporting.....enterprises..	257	106	42	6	11	25	14
63 Quantity delivered.....acres-feet..	183,022	48,142	28,290	3,741	8,133	16,416	4,765
64 Area supplied supplemental irrigation.....acres..	88,322	15,905	8,222	1,515	2,830	3,877	1,758
65 Quantity supplied per acre.....acres-feet..	2.1	3.0	3.4	2.5	2.9	4.2	2.7
66 Total quantity per irrigated acre <sup>5</sup> .....acres-feet..	2.6	3.1	3.2	2.7	3.5	4.1	3.4
Cost of water to farms for enterprises reporting quantity delivered, 1949: <sup>3</sup>							
67 Cost for primary irrigation.....dollars..	2,330,743	912,719	814,432	300,889	471,231	42,312	48,262
68 Average cost per acre-foot.....dollars..	0.86	0.85	0.86	0.98	0.88	0.43	0.65
69 Cost for supplemental irrigation.....dollars..	118,689	19,551	13,969	3,105	7,460	3,404	2,065
70 Average cost per acre-foot.....dollars..	0.65	0.41	0.49	0.83	0.92	0.21	0.43
Measurement of water to farms, 1949: <sup>5</sup>							
71 No water measured.....enterprises reporting..	479	262	137	18	39	81	30
72 Area irrigated.....acres irrigated..	215,900	97,930	70,735	32,101	21,349	17,285	7,520
73 Part of water measured.....enterprises reporting..	115	19	13	1	1	12	1
74 Area irrigated.....acres irrigated..	275,783	30,972	29,302	17,605	6,508	5,189	205
75 All water measured.....enterprises reporting..	295	112	79	18	52	11	12
76 Area irrigated.....acres irrigated..	739,808	243,334	212,325	67,849	138,219	6,257	17,313

See footnotes at end of Drainage Basin Table 1, Part 4.





IRRIGATION OF AGRICULTURAL LANDS

Drainage Basin Table 1 (Part 4 of 4).—IRRIGATION ENTERPRISES: NUMBER AND CHARACTERISTICS, BY DRAINAGE BASINS: CENSUSES OF 1950 AND 1940—Continued

[Interbasin enterprises are counted in each drainage basin in which they had irrigation works, but only once in the State total. Acreage irrigated direct by 2 or more enterprises is counted for each enterprise.]

Item (For definitions and explanations, see text)	South Platte River (VI-E)—Continued						
	South Platte River direct—Continued		Cache la Poudre River	Thompson River	St. Vrain and Boulder Creeks	Clear Creek	Bear Creek
	Sublette to South Platte (1b)	Above South Platte (1c)					
MULTIPLE-FARM ENTERPRISES, 1950							
1 Multiple-farm enterprises, total number <sup>2</sup> .....enterprises..	82	7	74	47	129	43	11
2 Area irrigated direct.....acres..	192,867	2,990	200,194	67,010	136,938	20,922	9,104
3 Multiple-purpose enterprises <sup>2</sup> .....enterprises..	.....	.....	5	1	2	.....	.....
4 Area irrigated direct.....acres..	.....	.....	1,205	212	.....	.....	.....
5 Complete-system enterprises <sup>2</sup> .....enterprises..	26	4	20	13	67	14	8
6 Area irrigated direct.....acres..	68,602	2,890	26,787	9,529	46,149	3,284	7,153
Enterprises by origin of water supply: <sup>2</sup>							
7 No water from other enterprises.....enterprises reporting..	38	6	29	20	93	19	10
8.....acres irrigated..	76,926	1,790	41,722	14,183	81,208	10,874	7,934
9 Part of water from other enterprises.....enterprises reporting..	11	1	17	13	6	1	1
10.....acres irrigated..	76,384	1,200	67,062	32,107	24,443	3,156	1,170
11 All water from other enterprises.....enterprises reporting..	33	.....	28	14	30	23	.....
12.....acres irrigated..	39,557	.....	91,410	20,720	31,287	6,892	.....
Enterprises by delivery of irrigation water: <sup>2</sup>							
13 No water delivered.....enterprises reporting..	.....	.....	.....	.....	.....	.....	.....
14 Water delivered direct to farms only.....enterprises reporting..	40	4	47	27	97	32	7
15.....acres irrigated..	26,946	2,890	91,651	28,167	59,651	5,158	6,788
16 Water delivered to farms and to other enterprises.....enterprises reporting..	39	1	20	13	28	10	3
17.....acres irrigated..	165,921	100	108,543	38,843	77,287	15,764	2,316
18 Water delivered to other enterprises only.....enterprises reporting..	3	2	7	7	4	1	1
Enterprises by primary and supplemental irrigation: <sup>3</sup>							
19 All primary.....enterprises reporting..	50	3	47	26	72	32	3
20.....acres irrigated..	54,013	2,550	104,983	32,650	53,664	9,958	1,823
21 Part primary, part supplemental.....enterprises reporting..	28	.....	20	14	46	10	7
22 Primary irrigation.....acres irrigated..	119,125	.....	85,722	26,235	67,681	7,948	4,912
23 Supplemental irrigation.....acres irrigated..	19,629	.....	9,489	8,125	13,862	3,016	2,369
24 All supplemental.....enterprises reporting..	1	2	.....	.....	7	.....	.....
25.....acres irrigated..	100	440	.....	.....	1,731	.....	.....
Enterprises by number of farms irrigated direct: <sup>2</sup>							
26 None.....enterprises reporting..	3	2	7	7	4	1	1
27 1-3.....enterprises reporting..	3	4	9	3	28	1	.....
28 4-9.....enterprises reporting..	16	1	11	9	39	16	3
29 10-29.....enterprises reporting..	28	.....	29	19	40	14	5
30 30-99.....enterprises reporting..	24	.....	11	6	15	8	1
31 100-299.....enterprises reporting..	7	.....	7	3	2	2	1
32 300-999.....enterprises reporting..	1	.....	.....	.....	1	1	.....
33 1,000 or more.....enterprises reporting..	.....	.....	.....	.....	.....	.....	.....
Enterprises by acres irrigated direct: <sup>2</sup>							
34 None.....enterprises reporting..	3	2	7	7	4	1	1
35 1-9 acres.....enterprises reporting..	9	.....	3	2	23	20	.....
36 10-999 acres.....enterprises reporting..	26	3	21	16	58	16	4
37 1,000-2,999 acres.....enterprises reporting..	24	2	22	15	37	3	5
38 3,000-9,999 acres.....enterprises reporting..	16	.....	16	5	5	1	1
39 10,000-29,999 acres.....enterprises reporting..	3	.....	5	2	1	1	.....
40 30,000 acres or more.....enterprises reporting..	1	.....	.....	.....	1	1	.....
Quantities of water reported, 1949:							
41 Total obtained from all sources <sup>4</sup> .....enterprises reporting..	82	5	74	47	128	43	11
42.....percent of all enterprises reporting..	7	5	9	34	55	41	34
43 Surface sources.....acre-feet..	1,134,120	5,577	754,525	311,352	424,555	194,553	41,161
44.....enterprises reporting..	49	5	45	33	98	21	11
45 Pumped wells.....acre-feet..	934,338	5,577	517,038	223,943	328,192	150,518	39,256
46.....enterprises reporting..	.....	.....	.....	.....	.....	.....	.....
47 Other enterprises.....acre-feet..	44	.....	45	27	36	23	1
48.....enterprises reporting..	199,782	.....	237,487	87,409	106,363	44,035	1,905
49 Conveyance loss <sup>4</sup> .....acre-feet..	79	3	68	41	124	42	11
50.....enterprises reporting..	367,902	618	144,341	37,791	53,488	31,952	4,318
51 Delivered: <sup>4</sup>							
52 Direct to farms.....enterprises reporting..	79	4	67	40	124	42	10
53.....acre-feet..	463,329	2,463	358,430	149,633	251,528	100,915	24,624
54 To other enterprises.....enterprises reporting..	42	2	27	20	31	11	4
55.....acre-feet..	278,609	2,496	248,090	123,758	126,610	59,366	7,719
56 For use other than irrigation.....enterprises reporting..	12	.....	3	1	5	7	2
57.....acre-feet..	24,280	.....	3,664	170	2,929	2,320	4,500
58 Delivered direct to farms for primary irrigation: <sup>3</sup>							
59 Enterprises reporting.....enterprises..	78	2	66	40	117	42	10
60 Quantity delivered.....acre-feet..	345,625	1,520	314,390	113,432	175,428	29,449	12,971
61 Area supplied primary irrigation.....acres..	172,144	1,350	189,325	58,885	121,320	17,206	6,735
62 Quantity supplied per acre.....acre-feet..	2.0	1.1	1.7	1.9	1.4	1.7	1.9
63 Delivered direct to farms for supplemental irrigation: <sup>3</sup>							
64 Enterprises reporting.....enterprises..	26	2	20	14	53	10	7
65 Quantity delivered.....acre-feet..	34,509	943	16,023	13,899	22,066	3,724	5,084
66 Area supplied supplemental irrigation.....acres..	18,523	440	9,489	8,125	15,593	3,016	2,369
67 Quantity supplied per acre.....acre-feet..	1.9	2.1	1.7	1.7	1.4	1.2	2.1
68 Total quantity per irrigated acre <sup>5</sup> .....acre-feet..	2.5	1.1	2.1	2.2	1.6	1.9	2.6
69 Cost of water to farms for enterprises reporting quantity delivered, 1949: <sup>3</sup>							
70 Cost for primary irrigation.....dollars..	353,656	100	463,843	82,184	178,218	33,941	7,522
71 Average cost per acre-foot.....dollars..	1.02	0.07	1.48	0.72	1.02	1.15	0.58
72 Cost for supplemental irrigation.....dollars..	34,493	46	17,507	9,947	21,576	4,680	3,546
73 Average cost per acre-foot.....dollars..	1.00	0.05	1.09	0.72	0.98	1.26	0.70
74 Measurement of water to farms, 1949: <sup>3</sup>							
75 No water measured.....enterprises reporting..	16	5	17	14	78	13	4
76.....acres irrigated..	7,425	2,990	8,109	3,336	35,367	2,049	3,135
77 Part of water measured.....enterprises reporting..	16	.....	21	12	8	8	2
78.....acres irrigated..	67,903	.....	63,951	18,787	24,273	6,046	2,357
79 All water measured.....enterprises reporting..	47	.....	30	19	35	19	3
80.....acres irrigated..	115,611	.....	126,164	44,773	73,031	12,398	2,479

<sup>1</sup>Data for less than 3 enterprises in Basins IV-D-9, IV-E-8b, VI-C-2d, VI-E-3, and VI-E-5 included only in totals. <sup>2</sup>For interbasin and interstate enterprises, number of enterprises represents characteristics of the entire enterprise, number of acres represents acreage within the drainage basin or State. <sup>3</sup>For interbasin and interstate enterprises, data represent characteristics within the drainage basin or State. <sup>4</sup>For interbasin and interstate enterprises, data represent characteristics of the entire enterprise. <sup>5</sup>Calculated average quantity of water per acre for total irrigated land, all irrigation enterprises, primary and supplemental irrigation combined.

# IRRIGATION OF AGRICULTURAL LANDS

## FLORIDA

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State Table 1.—IRRIGATION SUMMARY: 1890 TO 1950

Census year	All farms <sup>1</sup> (number)	All land in farms <sup>1</sup> (acres)	Irrigated farms <sup>1, 2</sup> (number)	Irrigated acreage reported by—		Irrigation enterprises (number)	Total capital investment in irrigation enterprises (dollars)
				Farms <sup>1</sup> (acres)	Irrigation enterprises (acres)		
1950.....	56,921	16,517,536	6,075	365,421	362,938	5,699	19,549,139
1945.....	61,159	13,083,501	4,092	<sup>2</sup> 221,917	(*)	(*)	(*)
1940.....	62,248	8,337,708	3,947	<sup>4</sup> 126,191	132,362	3,628	7,055,921
1935.....	72,857	6,048,406	2,751	<sup>5</sup> 65,832	(*)	(*)	(*)
1930.....	58,966	5,026,617	(*)	(*)	(*)	(*)	(*)
1920.....	54,005	6,046,691	(*)	(*)	(*)	(*)	(*)
1910.....	50,016	5,253,538	(*)	(*)	(*)	(*)	(*)
1900.....	40,814	4,363,891	180	1,538	(*)	(*)	(*)
1890.....	34,228	3,674,486	(*)	(*)	(*)	(*)	(*)

\*Not available.  
 \*\*Available data not comparable.  
<sup>1</sup>Census of Agriculture.  
<sup>2</sup>Farms reporting irrigated land, 1950, 1945, 1900, and 1890 Censuses; farms reporting irrigated cropland harvested, and/or irrigated pasture, 1940 Census; farms reporting irrigated cropland harvested, 1935 Census; and farms reporting irrigated crops, 1930, 1920, and 1910 Censuses.  
<sup>3</sup>Irrigated land from which crops were harvested plus 2,509 acres of irrigated land used only for pasture.  
<sup>4</sup>Irrigated land from which crops were harvested.  
<sup>5</sup>Acreage of irrigated crops including some duplication where 2 or more crops were harvested from the same land.

State Table 2.—CHARACTERISTICS OF IRRIGATION ENTERPRISES: 1950 AND 1940  
 [For interstate enterprises, data represent characteristics within the State.]

Item (For definitions and explanations, see text)	Census of—		Item (For definitions and explanations, see text)	Census of—	
	1950	1940		1950	1940
Enterprises.....total number..	5,699	3,628	Irrigated land artificially drained.....acres..	159,807	44,348
Enterprises by type:					
Single-farm.....number..	5,679	3,578	Irrigated land in need of drainage.....acres..	34,058	5,573
Mutual:					
Unincorporated.....number..	8	12	Irrigation works:		
Incorporated.....number..		27	Diversion dams.....total number..	355	3
Commercial.....number..	7	10	Reservoirs.....number..	180	7
District.....number..	5		Total capacity (reported).....acre-feet..	3,343	19,419
U.S. Bureau of Reclamation <sup>1</sup> .....number..			Reservoir dams.....total number..	180	5
U.S. Bureau of Indian Affairs.....number..			Canals and ditches.....total length, miles..	695	74
State.....number..			Pipe lines.....total length, miles..	482	4,260
City.....number..			Flowing wells.....number..	4,181	4,631
Other.....number..		1	Pumped wells.....number..	7,598	1,686
Irrigated land, total <sup>2</sup> .....acres..	362,938	132,362	Average pumping lift (reported).....feet..	23	21
Acreage irrigated, by type of enterprise: <sup>3</sup>			Pumps.....number..	7,616	2,349
Single-farm.....acres..	341,338	<sup>4</sup> 123,996	Average pumping lift from all sources.....feet..	(*)	20
Mutual:			Capital investment, total.....dollars..	19,549,139	7,055,921
Unincorporated.....acres..	11,829	1,788	Capital investment by type of enterprise:		
Incorporated.....acres..		4,498	Single-farm.....dollars..	19,029,657	<sup>4</sup> 6,767,239
Commercial.....acres..	3,089	2,080	Mutual:		
District.....acres..	11,067		Unincorporated.....dollars..	84,567	60,567
U.S. Bureau of Reclamation <sup>1</sup> .....acres..			Incorporated.....dollars..	179,089	179,089
U.S. Bureau of Indian Affairs.....acres..			Commercial.....dollars..	184,326	49,026
State.....acres..			District.....dollars..	71,500	
City.....acres..			U.S. Bureau of Reclamation <sup>1</sup> .....dollars..		
Other.....acres..		( <sup>4</sup> )	U.S. Bureau of Indian Affairs.....dollars..		
Acreage irrigated, by source of water: <sup>3 5</sup>			State.....dollars..		
Streams (and lakes).....acres..	127,975	35,441	City.....dollars..		
Springs.....acres..	1,548	( <sup>5</sup> )	Other.....dollars..		( <sup>4</sup> )
Flowing wells.....acres..	104,112	49,570			
Pumped wells.....acres..	152,403	25,934			
Sewage.....acres..	170	( <sup>5</sup> )			
Other and not reported.....acres..	98,476	26,733			

\*Not available.  
<sup>1</sup>For 1950, not including Bureau of Reclamation projects operated by water users, which are classified under other types of enterprises.  
<sup>2</sup>Acreage reported by irrigation enterprises. For 1950, acreage supplied primary irrigation; for 1940, acreage irrigated by "primary enterprises." (See text.)  
<sup>3</sup>For 1950, acreage reported by more than 1 type of enterprise, or from more than 1 source is included for each; for 1940, acreage reported by both "primary" and "supplemental" enterprises is included for each type of enterprise and for each source of water.  
<sup>4</sup>For 1940, data for 1 "Other" enterprise included with "Single-farm" enterprises in 1940.  
<sup>5</sup>Data for 1940 combined as follows: "City water," "Waste water, seepage or drainage," and "Other mixed" with "Other and not reported." For 1940, acreages reported by less than 3 enterprises for "Streams, gravity," "Springs" and "Sewage" are omitted.

## IRRIGATION OF AGRICULTURAL LANDS

State Table 3. (Part 1 of 3)—IRRIGATION ENTERPRISES, NUMBER AND CHARACTERISTICS, BY TYPE OF ENTERPRISE:  
CENSUSES OF 1950 AND 1940

[For interstate enterprises, number of enterprises represents characteristics of the entire enterprise, other data represent characteristics within the State, except where otherwise noted. Farms and acreage irrigated direct by 2 or more enterprises are counted for each enterprise.]

Item (For definitions and explanations, see text)	Type of enterprise				
	All types	Single-farm	Mutual, unincorporated	District	Commercial, Indian, State, city, and other
<b>ENTERPRISES: FARMS AND LAND IRRIGATED</b>					
Number of enterprises.....enterprises 1950..	5,699	5,679	8	5	7
.....1940..	3,628	3,578	12	.....	11
Farms irrigated direct per enterprise.....farms 1949..	1.1	1.1	5.1	4.8	7.7
Area irrigated direct.....acres 1949..	367,323	341,338	11,829	11,067	3,089
.....acres 1939..	(*)	(*)	(*)	(*)	(*)
Average per enterprise.....acres 1949..	64	60	1,479	2,213	441
<b>CHARACTERISTICS OF ENTERPRISES, 1949</b>					
Multiple-purpose enterprises.....enterprises..	7	.....	1	5	1
Area irrigated direct.....acres..	20,304	.....	8,887	11,067	350
Complete-system enterprises.....enterprises..	5,616	5,604	7	1	4
Area irrigated direct.....acres..	344,927	335,046	2,942	4,200	2,739
<b>Enterprises by origin of water supply:</b>					
No water from other enterprises.....enterprises reporting..	5,671	5,653	7	4	7
.....acres irrigated..	349,429	335,398	2,942	8,000	3,089
Part of water from other enterprises.....enterprises reporting..	9	8	1	.....	.....
.....acres irrigated..	9,195	308	8,887	.....	.....
All water from other enterprises.....enterprises reporting..	19	18	.....	1	.....
.....acres irrigated..	8,699	5,632	.....	3,067	.....
<b>Enterprises by delivery of irrigation water:</b>					
No water delivered.....enterprises reporting..	46	44	.....	.....	2
Water delivered direct to farms only.....enterprises reporting..	5,642	5,630	7	1	4
.....acres irrigated..	350,867	340,986	2,942	4,200	2,739
Water delivered to farms and to other enterprises.....enterprises reporting..	11	5	1	4	1
.....acres irrigated..	16,456	352	8,887	6,867	350
Water delivered to other enterprises only.....enterprises reporting..	.....	.....	.....	.....	.....
<b>Enterprises by primary and supplemental irrigation:<sup>1</sup></b>					
All primary.....enterprises reporting..	5,637	5,620	7	5	5
.....acres irrigated..	362,754	336,919	11,679	11,067	3,089
Part primary, part supplemental.....enterprises reporting..	8	8	.....	.....	.....
Primary irrigation.....acres irrigated..	184	184	.....	.....	.....
Supplemental irrigation.....acres irrigated..	207	207	.....	.....	.....
All supplemental.....enterprises reporting..	8	7	1	.....	.....
.....acres irrigated..	4,178	4,028	150	.....	.....
<b>Enterprises by number of farms irrigated direct:</b>					
None.....enterprises reporting..	46	44	.....	.....	2
1-3.....enterprises reporting..	5,603	5,596	3	2	2
4-9.....enterprises reporting..	43	37	4	2	.....
10-29.....enterprises reporting..	7	2	1	1	3
30-99.....enterprises reporting..	.....	.....	.....	.....	.....
100-299.....enterprises reporting..	.....	.....	.....	.....	.....
300-999.....enterprises reporting..	.....	.....	.....	.....	.....
1,000 or more.....enterprises reporting..	.....	.....	.....	.....	.....
<b>Enterprises by acres irrigated direct:</b>					
None.....enterprises reporting..	46	44	.....	.....	2
1-29.....enterprises reporting..	4,028	4,027	1	.....	.....
30-99.....enterprises reporting..	1,027	1,025	2	.....	.....
100-499.....enterprises reporting..	477	471	2	1	3
500-999.....enterprises reporting..	60	57	1	1	1
1,000-2,999.....enterprises reporting..	44	42	1	.....	1
3,000-9,999.....enterprises reporting..	17	13	1	3	.....
10,000-29,999.....enterprises reporting..	.....	.....	.....	.....	.....
30,000 or more.....enterprises reporting..	.....	.....	.....	.....	.....
<b>USE OF SURFACE, GROUND, PUMPED AND STORED WATER, 1949</b>					
<b>Surface water:</b>					
Gravity only.....enterprises reporting..	1,052	1,050	1	1	.....
.....acres irrigated..	65,357	64,693	121	543	.....
Pumped only.....enterprises reporting..	1,126	1,121	2	.....	3
.....acres irrigated..	114,947	103,876	9,037	.....	2,034
Gravity and pumped.....enterprises reporting..	115	110	1	4	.....
.....acres irrigated..	34,616	24,078	14	10,524	.....
Ground water only (pumped from wells).....enterprises reporting..	2,982	2,982	.....	.....	.....
.....acres irrigated..	74,116	74,116	.....	.....	.....
Surface (gravity or pumped) and ground.....enterprises reporting..	424	416	4	.....	4
.....acres irrigated..	78,287	74,575	2,657	.....	1,055
<b>Stored water:</b>					
None stored.....enterprises reporting..	5,550	5,531	7	5	7
.....acres irrigated..	357,960	333,557	10,247	11,067	3,089
Part stored.....enterprises reporting..	59	58	1	.....	.....
.....acres irrigated..	7,510	5,928	1,582	.....	.....
All stored.....enterprises reporting..	90	90	.....	.....	.....
.....acres irrigated..	1,853	1,853	.....	.....	.....

<sup>1</sup>For interstate enterprises, data represent characteristics within the State.

State Table 3 (Part 2 of 3)—IRRIGATION ENTERPRISES, NUMBER AND CHARACTERISTICS, BY TYPE OF ENTERPRISE: CENSUSES OF 1950 AND 1940

[For interstate enterprises, data represent characteristics within the State except where otherwise noted. Acreage irrigated direct by 2 or more enterprises is counted for each enterprise.]

Item (For definitions and explanations, see text)	Type of enterprise				
	All types	Single-farm	Mutual, unincorporated	District	Commercial, Indian, State, city, and other
<b>SOURCES OF SURFACE WATER, 1949<sup>1</sup></b>					
Streams (and lakes).....enterprises reporting..	1,102	1,085	7	4	6
.....acres irrigated..	127,975	115,427	2,942	6,867	2,739
Springs.....enterprises reporting..	71	71			
.....acres irrigated..	1,548	1,548			
Flowing wells.....enterprises reporting..	1,348	1,348			
.....acres irrigated..	104,112	104,112			
Drainage water.....enterprises reporting..	322	317		3	
.....acres irrigated..	96,476	81,722	8,887	7,517	350
Sewage.....enterprises reporting..	10	10			
.....acres irrigated..	170	170			
Other sources.....enterprises reporting..					
.....acres irrigated..					
<b>DRAINAGE OF IRRIGATED LAND, 1949</b>					
Irrigated land drained:					
Enterprises reporting.....enterprises..	1,651	1,644	1	5	1
Area supplied primary irrigation.....acres..	175,717	155,413	8,887	11,067	350
Area artificially drained.....acres..	159,807	145,390	3,000	11,067	350
Irrigated land in need of drainage:					
Enterprises reporting.....enterprises..	387	386	1		
Area supplied primary irrigation.....acres..	48,631	39,744	8,887		
Area in need of drainage.....acres..	34,058	33,058	1,000		
<b>IRRIGATION WORKS, 1950</b>					
Diversion dams.....enterprises reporting..	154	154			
.....dams..	355	355			
Diversion dams by material:					
Concrete or masonry.....dams..	63	63			
Timber.....dams..	22	22			
Earth and rock.....dams..	199	199			
Other, mixed, and not reported.....dams..	71	71			
Reservoirs.....enterprises reporting..	151	150	1		
.....reservoirs..	180	178	2		
Reservoirs for which capacity was reported.....number..	168	166	2		
.....total capacity, acre-feet..	3,343	3,335	8		
Reservoirs by capacity:					
1-99 acre-feet.....reservoirs..	162	160	2		
100-999 acre-feet.....reservoirs..	5	5			
1,000 acre-feet and over.....reservoirs..	1	1			
Reservoir dams by material:					
Concrete or masonry.....dams..	2	2			
Earth and rock.....dams..	169	167	2		
Other, mixed, and not reported.....dams..	9	9			
Canals and ditches.....enterprises reporting..	213	205	3	4	1
.....total length, miles..	695	648	8	38	1
Pipelines and siphons.....enterprises reporting..	80	574	3		3
.....total length, miles..	482	474	3		5
Tunnels.....enterprises reporting..	1			1	
.....total length, feet..	40			40	
Flowing wells.....enterprises reporting..	1,336	1,336			
.....wells..	4,181	4,181			
Fumped wells.....enterprises reporting..	3,422	3,414	4		4
.....wells..	7,598	7,568	11		19
Wells for which pumping lift was reported.....wells..	6,475	6,452	11		12
Average pumping lift.....feet..	23	23	70		50
Irrigation pumps.....enterprises reporting..	4,647	4,628	8	4	7
.....pumps..	7,616	7,527	29	18	42
Electric motors used for pumping.....enterprises reporting..	940	934	2		4
.....electric motors..	1,497	1,486	3		8
Other motors and engines used for pumping.....enterprises reporting..	3,929	3,911	8	4	6
.....other motors and engines..	5,914	5,836	26	18	34
<b>SEASON OF IRRIGATION, 1949</b>					
Water delivered only before July 1.....enterprises reporting..	2,339	2,336	2	1	
.....acres irrigated..	95,768	92,647	54	3,067	
Water delivered before and after July 1.....enterprises reporting..	3,054	3,042	3	4	5
.....acres irrigated..	253,111	230,584	11,438	8,000	3,089
Water delivered only after July 1.....enterprises reporting..	208	208			
.....acres irrigated..	5,154	5,154			
<b>CAPITAL INVESTMENT, 1950 AND 1940</b>					
Capital investment in irrigation works and water rights to Jan. 1, 1940.....dollars 1940..	7,055,921	<sup>2</sup> 6,767,239	60,567		<sup>2</sup> 49,026
New capital investment Jan. 1, 1940 to Jan. 1, 1950:					
Enterprises reporting.....enterprises 1950..	3,570	3,558	3	3	6
Amount.....dollars 1950..	12,493,218	12,262,418	24,000	71,500	135,300
Area irrigated direct.....acres 1949..	244,834	224,449	9,896	7,750	2,739
Total capital investment Jan. 1, 1950.....dollars 1950..	19,549,139	<sup>2</sup> 19,029,657	84,567	71,500	<sup>2</sup> 184,326
<b>INDEBTEDNESS, 1950<sup>3</sup></b>					
Outstanding bonds, construction cost, and other funded obligations, Jan. 1, 1950:					
Enterprises reporting.....enterprises..	4			4	
Amount.....dollars..	96,800			96,800	
Area irrigated direct.....acres..	10,524			10,524	
Arrears in payment of principal or interest on bonds, construction cost, and other funded obligations, Jan. 1, 1950:					
Enterprises reporting.....enterprises..					
Amount.....dollars..					
Area irrigated direct.....acres..					

<sup>1</sup>Enterprises reporting water from more than 1 source are counted for each. For interstate enterprises, number of enterprises represents characteristics of the entire enterprise, acreage represents acreage within the State.  
<sup>2</sup>For 1940, data for 1 "Other" enterprise included with "Mutual, unincorporated" enterprises.  
<sup>3</sup>Not reported by single-farm enterprises.

## IRRIGATION OF AGRICULTURAL LANDS

State Table 3 (Part 3 of 3).—IRRIGATION ENTERPRISES, NUMBER AND CHARACTERISTICS, BY TYPE OF ENTERPRISE: CENSUSES OF 1950 AND 1940

[For interstate enterprises, data represent characteristics within the State except where otherwise noted. Acreage irrigated direct by 2 or more enterprises is counted for each enterprise.]

Item (For definitions and explanations, see text)	Type of enterprise				
	All types	Single-farm	Mutual, unincorporated	District	Commercial, Indian, State, city, and other
<b>COST OF WATER TO FARMS, 1949<sup>1</sup></b>					
Total cost of water to farms:					
Enterprises reporting.....enterprises..	5,653	5,635	8	5	5
Cost.....dollars..	1,997,952	1,885,674	48,722	41,742	21,814
Area irrigated direct.....acres..	367,323	341,338	11,829	11,067	3,089
Cost per acre irrigated direct.....dollars..	5.44	5.52	4.12	3.77	7.06
Enterprises by cost per acre:					
Less than \$1.00.....enterprises reporting..	1,346	1,342	2		2
.....acres irrigated..	119,734	116,853	1,119		1,762
\$1.00-\$1.99.....enterprises reporting..	206	206			
.....acres irrigated..	40,986	40,986			
\$2.00-\$4.99.....enterprises reporting..	699	691	3	4	1
.....acres irrigated..	92,981	72,785	9,074	10,817	305
\$5.00-\$9.99.....enterprises reporting..	940	938	1	1	
.....acres irrigated..	58,116	57,852	14	250	
\$10.00 or more.....enterprises reporting..	2,462	2,458	2		2
.....acres irrigated..	55,506	52,862	1,622		1,022
Cost of water for primary irrigation:					
Enterprises reporting.....enterprises..	5,645	5,628	7	5	5
Cost.....dollars..	1,981,425	1,869,147	48,722	41,742	21,814
Area supplied primary irrigation.....acres..	362,938	337,103	11,679	11,067	3,089
Cost per acre supplied.....dollars..	5.46	5.54	4.17	3.77	7.06
Cost of water for supplemental irrigation:					
Enterprises reporting.....enterprises..	16	15	1		
Cost.....dollars..	16,527	16,527			
Area supplied supplemental irrigation.....acres..	4,385	4,235	150		
Cost per acre supplied.....dollars..	3.77	3.90			
Cost to farms for purposes other than operation and maintenance: <sup>2</sup>					
Enterprises reporting.....enterprises..	1			1	
Cost.....dollars..	313			313	
Area irrigated direct.....acres..	250			250	
Cost per acre irrigated.....dollars..	1.25			1.25	
Arrearage in payments by farms, Jan. 1, 1950: <sup>2</sup>					
Enterprises reporting.....enterprises..	2		1		1
Amount.....dollars..	3,700		1,200		2,500
Area irrigated direct.....acres..	9,637		8,887		750
<b>QUANTITIES OF WATER REPORTED, 1949<sup>2</sup></b>					
Total obtained from all sources <sup>3</sup> .....enterprises reporting..	5		3		2
.....acre-feet..	2,926		2,056		870
Surface sources.....enterprises reporting..	5		3		2
.....acre-feet..	1,874		1,229		645
Pumped wells.....enterprises reporting..	3		2		1
.....acre-feet..	1,052		827		225
Other enterprises.....enterprises reporting..					
.....acre-feet..					
Conveyance loss <sup>3</sup> .....enterprises reporting..					
.....acre-feet..					
Delivered: <sup>3</sup>					
Direct to farms.....enterprises reporting..	5		3		2
.....acre-feet..	2,926		2,056		870
To other enterprises.....enterprises reporting..					
.....acre-feet..					
For use other than irrigation.....enterprises reporting..					
.....acre-feet..					
Delivered direct to farms for primary irrigation:					
Enterprises reporting.....enterprises..	5		3		2
Quantity delivered.....acre-feet..	2,926		2,056		870
Area supplied primary irrigation.....acres..	2,658		1,636		1,022
Quantity per acre supplied.....acre-feet..	1.1		1.3		0.9
Delivered direct to farms for supplemental irrigation:					
Enterprises reporting.....enterprises..					
Quantity delivered.....acre-feet..					
Area supplied supplemental irrigation.....acres..					
Quantity per acre supplied.....acre-feet..					
Cost of water to farms for enterprises reporting quantity delivered:					
Cost for primary irrigation.....dollars..	41,400		21,261		20,139
Average cost per acre-foot.....dollars..	14.15		10.34		23.15
Cost for supplemental irrigation.....dollars..					
Average cost per acre-foot.....dollars..					
Measurement of water to farms:					
No water measured.....enterprises reporting..	13		4	4	5
.....acres..	23,654		10,020	10,817	2,817
Part of water measured.....enterprises reporting..					
.....acres..					
All water measured.....enterprises reporting..	4		2	1	1
.....acres..	2,144		1,622	250	272

<sup>1</sup>Enterprises with reported cost of \$0 in 1949 are included.<sup>2</sup>Not reported by single-farm enterprises.<sup>3</sup>For interstate enterprises, data represent characteristics of the entire enterprise.





## IRRIGATION OF AGRICULTURAL LANDS

State Table 4 (Part 2 of 3).—COMPLETE-SYSTEM IRRIGATION ENTERPRISES BY SURFACE, GROUND, GRAVITY AND PUMPED WATER; AND BY ACREAGE IRRIGATED: CENSUS OF 1950

[For interstate enterprises data represent characteristics within the State, except where otherwise noted. Acreage irrigated by 2 or more enterprises is counted for each enterprise.]

Item (For definitions and explanations, see text)	Total complete-system enterprises <sup>1</sup>	Type of water <sup>2</sup>				Acres irrigated <sup>2</sup>		
		Surface <sup>3</sup>		Ground (pumped wells)	Mixed	1 to 99	100 to 999	1,000 and over
		All gravity	All pumped					
<b>SOURCES OF SURFACE WATER<sup>4</sup></b>								
Streams (and lakes).....enterprises reporting..	1,072	14	814	.....	244	844	205	23
.....acres irrigated..	117,715	5,449	51,093	.....	61,173	20,182	50,297	47,236
Springs.....enterprises reporting..	71	4	59	.....	8	67	4	.....
.....acres irrigated..	1,548	18	1,211	.....	319	854	694	.....
Flowing wells.....enterprises reporting..	1,330	1,010	71	.....	249	1,154	161	15
.....acres irrigated..	103,960	58,262	6,733	.....	38,965	26,067	42,268	35,625
Drainage water.....enterprises reporting..	300	30	184	.....	86	185	93	22
.....acres irrigated..	81,680	5,933	48,049	.....	27,698	5,365	28,622	47,693
Sewage.....enterprises reporting..	10	3	2	.....	5	10	.....	.....
.....acres irrigated..	170	113	4	.....	53	170	.....	.....
Other sources.....enterprises reporting..	.....	.....	.....	.....	.....	.....	.....	.....
.....acres irrigated..	.....	.....	.....	.....	.....	.....	.....	.....
<b>DRAINAGE OF IRRIGATED LAND</b>								
Irrigated land drained:								
Enterprises reporting.....enterprises..	1,632	609	179	649	195	1,394	206	32
.....acres..	155,414	50,211	50,454	15,435	39,314	26,900	56,374	72,140
Acreage supplied primary irrigation.....acres..	145,391	49,089	45,534	13,580	37,188	25,027	53,272	67,092
Irrigated land in need of drainage:								
Enterprises reporting.....enterprises..	377	75	92	170	40	318	50	9
.....acres..	37,559	4,561	20,812	2,616	9,570	5,638	13,430	18,491
Acreage in need of drainage.....acres..	31,020	2,806	17,587	1,786	8,841	4,820	11,400	14,800
<b>IRRIGATION WORKS</b>								
Diversion dams.....enterprises reporting..	147	39	59	9	40	123	21	3
.....dams..	351	163	85	24	79	249	80	22
Diversion dams by material:								
Concrete or masonry.....dams..	63	23	16	.....	24	37	26	.....
Timber.....dams..	22	2	12	.....	8	13	9	.....
Earth or rock.....dams..	195	90	53	9	43	148	25	22
Other, mixed, and not reported.....dams..	71	48	4	15	4	51	20	.....
Reservoirs.....enterprises reporting..	148	6	103	14	25	133	11	4
.....reservoirs..	177	7	117	16	37	149	22	6
Reservoirs for which capacity was reported.....reservoirs..	165	7	112	16	30	138	21	6
.....total capacity, acre-feet..	3,333	14	1,357	89	1,873	1,443	330	1,560
Reservoirs by capacity:								
1-99 acre-feet.....reservoirs..	159	7	109	16	27	135	20	4
100-999 acre-feet.....reservoirs..	5	.....	3	.....	2	3	1	1
1,000 acre-feet and over.....reservoirs..	1	.....	.....	.....	1	.....	.....	1
Reservoir dams by material:								
Concrete or masonry.....dams..	2	1	1	.....	.....	2	.....	.....
Earth or rock.....dams..	166	6	111	14	35	141	20	5
Other, mixed, and not reported.....dams..	9	.....	5	2	2	6	2	1
Canals and ditches.....enterprises reporting..	200	45	71	47	37	138	51	11
.....total length, miles..	590	92	279	113	105	220	200	170
Pipelines and siphons.....enterprises reporting..	568	13	317	144	94	479	81	8
.....total length, miles..	470	11	280	78	101	329	107	34
Tunnels.....enterprises reporting..	.....	.....	.....	.....	.....	.....	.....	.....
.....total length, feet..	.....	.....	.....	.....	.....	.....	.....	.....
Flowing wells.....enterprises reporting..	1,321	1,003	70	.....	248	1,147	160	14
.....wells..	4,135	2,710	281	.....	1,144	3,489	346	300
Pumped wells.....enterprises reporting..	3,393	5	13	2,962	413	3,145	226	22
.....wells..	7,549	12	18	6,509	1,010	6,487	896	166
Wells for which pumping lift was reported.....wells..	6,438	.....	.....	5,750	688	5,797	581	60
.....Average pumping lift.....feet..	23	.....	.....	22	34	20	46	61
Irrigation pumps.....enterprises reporting..	4,580	11	1,094	2,957	518	4,092	437	51
.....pumps..	7,472	13	1,557	4,472	1,430	5,674	1,402	396
Electric motors used for pumping.....enterprises reporting..	922	3	166	625	128	796	108	19
.....electric motors..	1,474	4	205	972	293	1,087	253	134
Other motors and engines used for pumping.....enterprises reporting..	3,874	16	937	2,474	447	3,449	381	44
.....other motors and engines..	5,789	20	1,314	3,383	1,072	4,447	1,091	251
<b>SEASON OF IRRIGATION</b>								
Enterprises reporting and acreage irrigated:								
Water delivered only before July 1.....enterprises reporting..	2,327	233	501	1,391	202	2,151	167	9
.....acres irrigated..	91,302	10,328	21,161	27,498	32,315	36,302	38,453	16,547
Water delivered before and after July 1.....enterprises reporting..	3,029	716	542	1,472	299	2,659	326	44
.....acres irrigated..	235,759	52,899	69,028	44,240	69,592	48,915	87,486	99,358
Water delivered only after July 1.....enterprises reporting..	206	74	33	81	18	196	10	.....
.....acres irrigated..	4,554	922	1,526	1,418	688	2,822	1,732	.....
<b>NEW CAPITAL INVESTMENT</b>								
New capital investment Jan. 1, 1940 to Jan. 1, 1950:								
Enterprises reporting.....enterprises..	3,525	390	716	2,017	402	3,131	356	38
.....Amount.....dollars..	12,217,214	690,347	2,979,980	4,624,194	3,922,693	6,089,285	4,371,630	1,756,299
.....Area irrigated.....acres..	228,420	33,103	68,219	50,341	76,757	56,407	91,555	80,458
<b>INDEBTEDNESS<sup>5</sup></b>								
Outstanding bonds, construction cost, and other funded obligations, Jan. 1, 1950:								
Enterprises reporting.....enterprises..	1	.....	.....	.....	1	.....	.....	1
.....Amount.....dollars..	60,000	.....	.....	.....	60,000	.....	.....	60,000
.....Area irrigated.....acres..	4,200	.....	.....	.....	4,200	.....	.....	4,200
Arrearage in payment of principal or interest on bonds, construction cost, and other funded obligations, Jan. 1, 1950:								
Enterprises reporting.....enterprises..	.....	.....	.....	.....	.....	.....	.....	.....
.....Amount.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....
.....Area irrigated.....acres..	.....	.....	.....	.....	.....	.....	.....	.....

<sup>1</sup>Complete-system<sup>1</sup> irrigation enterprises are those that (1) delivered 90 percent or more of their irrigation water direct to farms, less than 10 percent to other irrigation enterprises; and (2) obtained less than 10 percent of their water from other irrigation enterprises. Enterprises that delivered no water in 1949 are excluded.

<sup>2</sup>Interstate enterprises are classified according to type of water or acres irrigated for the entire enterprise.

<sup>3</sup>Surface water includes water from springs and from flowing wells.

<sup>4</sup>Enterprises reporting water from more than 1 source are counted for each. For interstate enterprises, number of enterprises represents characteristics of the entire enterprise, acreage represents acreage within the State.

<sup>5</sup>Not reported by single-farm enterprises.

State Table 4. (Part 3 of 3)—COMPLETE-SYSTEM IRRIGATION ENTERPRISES BY SURFACE, GROUND, GRAVITY AND PUMPED WATER; AND BY ACREAGE IRRIGATED: CENSUS OF 1950

[For interstate enterprises data represent characteristics within the State, except where otherwise noted. Acreage irrigated by 2 or more enterprises is counted for each enterprise.]

Item (For definitions and explanations, see text)	Total complete-system enterprises <sup>1</sup>	Type of water <sup>2</sup>				Acres irrigated <sup>2</sup>		
		Surface <sup>3</sup>		Ground (pumped wells)	Mixed	1 to 99	100 to 999	1,000 and over
		All gravity	All pumped					
<b>COST OF WATER TO FARMS<sup>4</sup></b>								
Total cost of water to farms:								
Enterprises reporting.....enterprises..	5,616	1,032	1,098	2,962	524	5,038	521	57
Cost.....dollars..	1,919,345	47,374	529,433	756,992	585,546	895,549	658,014	365,782
Area irrigated.....acres..	344,927	64,631	101,367	73,708	105,221	88,646	131,813	124,468
Cost per acre irrigated.....dollars..	5.56	0.73	5.22	10.27	5.56	10.10	4.99	2.94
Enterprises by cost per acre:								
Less than \$1.00.....enterprises reporting..	1,339	871	161	211	96	1,155	164	20
acres irrigated..	118,734	56,686	26,636	8,086	27,326	24,629	46,769	47,336
\$1.00-\$1.99.....enterprises reporting..	202	25	64	79	34	146	48	8
acres irrigated..	38,677	1,735	15,895	11,975	9,072	4,490	12,543	21,644
\$2.00-\$4.99.....enterprises reporting..	685	42	218	311	114	538	131	16
acres irrigated..	75,234	3,191	31,128	12,734	28,181	13,248	31,967	30,019
\$5.00-\$9.99.....enterprises reporting..	936	39	216	568	113	839	88	9
acres irrigated..	57,408	1,906	13,771	16,378	25,353	17,911	20,431	19,066
\$10.00 or more.....enterprises reporting..	2,454	55	439	1,793	167	2,360	90	4
acres irrigated..	54,874	1,113	13,937	24,535	15,289	28,368	20,103	6,403
Cost of water for primary irrigation:								
Enterprises reporting.....enterprises..	5,609	1,031	1,095	2,960	523	5,034	520	55
Cost.....dollars..	1,905,169	47,374	529,168	754,783	573,844	895,115	656,932	353,122
Area supplied primary irrigation.....acres..	340,826	64,555	101,200	71,990	103,081	88,445	131,553	120,828
Cost per acre supplied.....dollars..	5.59	0.73	5.23	10.48	5.57	10.12	4.99	2.92
Cost of water for supplemental irrigation:								
Enterprises reporting.....enterprises..	15	2	4	7	2	10	3	2
Cost.....dollars..	14,176	265	265	2,209	11,702	434	1,082	12,660
Area supplied supplemental irrigation.....acres..	4,101	76	167	1,718	2,140	201	260	3,640
Cost per acre supplied.....dollars..	3.46	1.59	1.29	5.47	2.16	4.16	3.48	3.48
Cost to farms for purposes other than operation and maintenance: <sup>5</sup>								
Enterprises reporting.....enterprises..								
Cost.....dollars..								
Area irrigated.....acres..								
Cost per acre irrigated.....dollars..								
Arrearage in payments by farms, Jan. 1, 1950: <sup>5</sup>								
Enterprises reporting.....enterprises..	1				1		1	
Amount.....dollars..	2,500				2,500		2,500	
Area irrigated.....acres..	750				750		750	
<b>QUANTITIES OF WATER REPORTED<sup>5</sup></b>								
Total obtained from all sources <sup>6</sup> .....enterprises reporting..	5	1	1	4	2	2	1	
acres-foot..	2,926	120	120	2,806	71	870	1,985	
Surface sources.....enterprises reporting..	5	1	1	4	2	2	1	
acres-foot..	1,874	120	120	1,754	38	645	1,191	
Pumped wells.....enterprises reporting..	3			3	1	1	1	
acres-foot..	1,052			1,052	33	225	794	
Other enterprises.....enterprises reporting..								
acres-foot..								
Conveyance loss <sup>6</sup> .....enterprises reporting..								
acres-foot..								
Delivered: <sup>6</sup>								
Direct to farms.....enterprises reporting..	5	1	1	4	2	2	1	
acres-foot..	2,926	120	120	2,806	71	870	1,985	
To other enterprises.....enterprises reporting..								
acres-foot..								
For use other than irrigation.....enterprises reporting..								
acres-foot..								
Delivered to farms for primary irrigation:								
Enterprises reporting.....enterprises..	5	1	1	4	2	2	1	
Quantity delivered.....acres-foot..	2,926	120	120	2,806	71	870	1,985	
Acreage supplied primary irrigation.....acres..	2,658	272	272	2,386	54	1,022	1,582	
Quantity per acre supplied.....acres-foot..	1.1	0.4	0.4	1.2	1.3	0.9	1.3	
Delivered to farms for supplemental irrigation:								
Enterprises reporting.....enterprises..								
Quantity delivered.....acres-foot..								
Acreage supplied supplemental irrigation.....acres..								
Quantity per acre supplied.....acres-foot..								
Cost of water to farms for enterprises reporting quantity delivered:								
Cost for primary irrigation.....dollars..	41,400	3,264	3,264	38,136	695	20,139	20,566	
Average cost per acre-foot.....dollars..	14.15	27.20	27.20	13.59	9.79	23.15	10.36	
Cost for supplemental irrigation.....dollars..								
Average cost per acre-foot.....dollars..								
Measurement of water to farms:								
No water measured.....enterprises reporting..	7		2		5	1	4	2
acres..	7,800		1,562		5,238	14	2,174	5,612
Part of water measured.....enterprises reporting..								
acres..								
All water measured.....enterprises reporting..	3		1		2	1	1	1
acres..	1,894		272		1,622	40	272	1,582

<sup>1</sup>Complete-system irrigation enterprises are those that (1) delivered 90 percent or more of their irrigation water direct to farms, less than 10 percent to other irrigation enterprises; and (2) obtained less than 10 percent of their water from other irrigation enterprises. Enterprises that delivered no water in 1949 are excluded.

<sup>2</sup>Interstate enterprises are classified according to type of water or acres irrigated for the entire enterprise.

<sup>3</sup>Surface water includes water from springs and from flowing wells.

<sup>4</sup>Enterprises with reported cost of \$0 in 1949 are included.

<sup>5</sup>Not reported by single-farm enterprises.

<sup>6</sup>For interstate enterprises, data represent characteristics of the entire enterprise.

IRRIGATION OF AGRICULTURAL LANDS

County Table 1.—IRRIGATED FARMS: NUMBER, ACREAGE, AND

[1950 data for items shown in italics are

Item (For definitions and explanations, see text)		The State	Alachua	Baker	Brevard	Broward	Charlotte	Citrus
1	Irrigated farms.....number 1950..	6,075	11	3	131	68	14	4
2	.....number 1945..	4,092	4	.....	75	360	4	15
3	Proportion of all farms.....percent 1950..	10.7	0.6	0.7	18.6	16.1	12.4	1.8
4	Land in irrigated farms.....acres 1950..	2,346,115	6,659	1,554	65,015	84,346	4,462	1,491
5	.....average per farm, acres 1950..	386.2	605.4	518.0	496.3	1,240.4	318.7	372.8
6	Value of land and buildings.....average per farm, dollars 1950..	54,458	41,428	41,667	25,562	128,060	15,909	18,500
7	.....average per acre, dollars 1950..	150.39	75.27	169.61	147.76	88.79	97.77	77.44
8	Proportion of irrigated farms reporting value.....percent 1950..	77	191	200	68	68	79	150
9	Proportion of land in irrigated farms for which value was reported.....percent 1950..	74	174	95	24	79	40	96
<b>Land in irrigated farms according to use, 1949:</b>								
10	Cropland harvested.....farms reporting..	5,971	11	3	123	67	14	4
11	.....acres..	425,155	1,208	483	4,127	24,598	860	277
12	Cropland used only for pasture.....acres..	136,227	203	.....	1,533	6,484	10	.....
13	Cropland not harvested and not pastured.....acres..	112,071	656	363	1,432	3,432	542	17
14	Woodland pastured.....acres..	837,818	399	.....	5,435	15,070	720	.....
15	Other pasture (not cropland and not woodland).....acres..	375,001	260	.....	43,996	27,034	4	583
16	Land pastured, total.....farms reporting..	2,097	7	.....	27	18	3	1
17	.....acres..	1,349,046	862	.....	50,964	48,588	734	583
18	Irrigated land in farms.....acres 1949..	365,421	294	14	7,468	32,747	649	212
19	.....1944..	221,917	23	.....	1,741	14,154	111	391
20	Land irrigated by sprinklers.....farms reporting 1949..	2,084	5	3	8	8	3	.....
21	.....acres 1949..	80,091	39	14	288	189	165	.....
<b>Irrigated land in farms according to use, 1949:</b>								
22	Irrigated cropland harvested.....farms reporting..	5,915	11	3	118	65	14	4
23	.....acres..	296,326	292	14	2,711	23,765	640	212
24	Irrigated pasture.....farms reporting..	212	.....	.....	9	9	1	.....
25	.....acres..	56,916	.....	.....	4,648	8,285	6	.....
26	Irrigated wild grass pasture.....farms reporting..	108	.....	.....	5	7	1	.....
27	.....acres..	28,797	.....	.....	2,056	6,370	6	.....
28	Irrigated tame grass pasture.....farms reporting..	120	.....	.....	6	4	.....	.....
29	.....acres..	28,119	.....	.....	2,592	1,915	.....	.....
30	Irrigated cropland not harvested and not pastured.....farms reporting..	324	1	.....	11	12	1	.....
31	.....acres..	12,179	2	.....	109	697	3	.....
<b>Irrigated farms by acres irrigated in 1949:</b>								
32	1-9 acres.....farms reporting..	2,629	5	2	61	8	3	.....
33	10-19 acres.....farms reporting..	1,113	4	1	26	6	2	.....
34	20-29 acres.....farms reporting..	591	1	.....	11	4	2	.....
35	30-49 acres.....farms reporting..	594	.....	.....	15	3	2	2
36	50-99 acres.....farms reporting..	536	.....	.....	10	5	4	2
37	100-199 acres.....farms reporting..	283	.....	.....	5	10	.....	.....
38	200 acres and over.....farms reporting..	329	1	.....	3	32	1	.....
<b>Irrigated farms by tenure of operator, 1950:</b>								
39	Full owners.....number..	4,377	6	1	110	46	12	3
40	Part owners.....number..	809	4	.....	5	11	.....	.....
41	Managers.....number..	400	1	2	12	6	2	1
42	Tenants.....number..	489	.....	.....	4	5	.....	.....
<b>Land in wholly and in partly irrigated farms:</b>								
43	Wholly irrigated farms.....number 1950..	3,408	2	.....	69	54	11	3
44	All land.....acres 1950..	915,542	9	.....	3,978	60,509	2,432	405
45	Cropland harvested.....acres 1949..	193,532	3	.....	1,492	22,913	475	167
46	Irrigated land.....acres 1949..	227,004	5	.....	1,520	27,535	484	167
47	Partly irrigated farms.....number 1950..	2,667	9	3	62	14	3	1
48	All land.....acres 1950..	1,430,973	6,650	1,554	61,037	23,837	2,030	1,086
49	Cropland harvested, total.....farms reporting 1949..	2,563	9	3	54	13	3	1
50	.....acres 1949..	231,623	1,205	483	2,635	1,685	385	110
51	Irrigated land.....acres 1949..	138,417	289	14	5,948	5,212	165	45
52	Irrigated cropland harvested.....farms reporting 1949..	2,507	9	3	49	11	3	1
53	.....acres 1949..	102,794	289	14	1,219	852	165	45
<b>Characteristics of wholly irrigated and nonirrigated farms:</b>								
54	Wholly irrigated farms.....number 1950..	3,408	2	.....	69	54	11	3
<b>Average acreage per farm:</b>								
55	All land.....acres 1949..	268.6	4.5	.....	57.7	1,120.5	221.1	135.0
56	Cropland harvested.....acres 1949..	56.7	1.5	.....	21.6	424.3	43.2	55.7
57	Land in bearing and nonbearing fruit orchards, planted nut trees, and vineyards.....acres 1949..	29.6	1.0	.....	21.3	20.5	24.3	55.7
58	Vegetables harvested for sale.....acres 1949..	21.5	.....	.....	0.1	446.6	0.7	.....
59	Small grains (including sorghums).....acres 1949..	( <sup>1</sup> )	.....	.....	.....	.....	.....	.....
60	All hay.....acres 1949..	0.2	.....	.....	.....	.....	.....	.....
<b>Farms by tenure of operator:</b>								
61	Full owners and managers.....number 1950..	2,738	2	.....	65	44	11	3
62	Part owners.....number 1950..	341	.....	.....	2	6	.....	.....
63	Tenants.....number 1950..	329	.....	.....	2	4	.....	.....
64	Value of land and buildings per farm.....dollars 1950..	46,318	.....	.....	18,333	121,390	8,500	20,200
65	Nonirrigated farms.....number 1950..	50,846	1,793	428	574	355	99	219
<b>Average acreage per farm:</b>								
66	All land.....acres 1949..	278.9	196.7	159.1	370.8	907.8	4,062.2	884.1
67	Cropland harvested.....acres 1949..	25.6	44.7	17.2	18.2	69.2	4.8	20.3
68	Land in bearing and nonbearing fruit orchards, planted nut trees, and vineyards.....acres 1949..	4.8	4.6	0.8	18.1	10.6	4.3	4.7
69	Vegetables harvested for sale.....acres 1949..	3.0	6.4	0.6	0.3	9.3	0.1	0.3
70	Small grains (including sorghums).....acres 1949..	0.3	0.6	0.1	.....	.....	.....	( <sup>1</sup> )
71	All hay.....acres 1949..	0.3	1.0	0.1	( <sup>1</sup> )	0.1	.....	1.2
<b>Farms by tenure of operator:</b>								
72	Full owners and managers.....number 1950..	38,996	1,214	358	531	254	85	186
73	Part owners.....number 1950..	5,351	295	18	25	46	10	32
74	Tenants.....number 1950..	6,499	284	52	18	55	4	1
75	Value of land and buildings per farm.....dollars 1950..	11,230	10,320	6,414	31,400	37,969	29,772	33,245
<b>Irrigated farms and irrigated land by origin of water, 1949:</b>								
<b>Individually operated supply works and—</b>								
76	No other irrigation enterprise.....farms reporting..	5,466	10	3	130	47	14	3
77	.....acres irrigated..	312,601	291	14	7,420	12,534	649	167
78	1 other irrigation enterprise.....farms reporting..	58	1	.....	.....	3	.....	.....
79	.....acres irrigated..	4,618	3	.....	.....	2,120	.....	.....
80	2 or more other irrigation enterprises.....farms reporting..	13	.....	.....	.....	2	.....	.....
81	.....acres irrigated..	4,175	.....	.....	.....	2,324	.....	.....
<b>No individually operated supply works but—</b>								
82	1 other irrigation enterprise.....farms reporting..	509	.....	.....	1	16	.....	1
83	.....acres irrigated..	41,454	.....	.....	48	15,769	.....	45
84	2 or more other irrigation enterprises.....farms reporting..	29	.....	.....	.....	.....	.....	.....
85	.....acres irrigated..	2,573	.....	.....	.....	.....	.....	.....

See footnote at end of County Table 1.



IRRIGATION OF AGRICULTURAL LANDS

County Table 1.—IRRIGATED FARMS: NUMBER, ACREAGE, AND

[1950 data for items shown in italics are

Item (For definitions and explanations, see text)		Jackson	Lafayette	Lake	Lee	Madison	Manatee	Marion	Martin
1	Irrigated farms.....number 1950..	3	3	240	144	5	427	23	25
2	.....number 1945..	3	3	103	190	.....	322	3	60
3	Proportion of all farms.....percent 1950..	0.1	0.7	14.0	36.5	0.4	51.4	1.2	12.2
4	Land in irrigated farms.....acres 1950..	2,272	1,177	46,881	55,597	2,551	96,305	200,836	40,055
5	.....acres 1945..	757.3	392.3	195.3	386.0	510.2	225.5	8,732.0	1,602.2
6	Value of land and buildings.....average per farm, dollars 1950..	23,900	7,800	56,328	29,719	35,833	28,514	159,764	133,399
7	.....average per acre, dollars 1950..	24.90	10.44	358.58	142.84	65.15	109.11	17.07	221.35
8	Proportion of irrigated farms reporting value.....percent 1950..	33	167	68	89	120	76	91	96
9	Proportion of land in irrigated farms for which value was reported.....percent 1950..	42	317	55	48	129	88	98	42
Land in irrigated farms according to use, 1949:									
10	Cropland harvested.....farms reporting..	3	3	238	141	5	413	21	22
11	.....acres..	482	341	21,503	7,574	708	11,532	3,399	2,216
12	Cropland used only for pasture.....acres..	195	150	1,900	302	260	3,095	1,292	8,523
13	Cropland not harvested and not pastured.....acres..	535	.....	4,504	4,956	465	4,881	1,027	1,516
14	Woodland pastured.....acres..	834	448	5,695	36,008	560	57,076	149,621	13
15	Other pasture (not cropland and not woodland).....acres..	.....	.....	4,627	1,110	100	2,136	16,540	3,200
16	Land pastured, total.....farms reporting..	2	3	69	27	3	163	15	8
17	.....acres..	1,029	598	12,222	37,420	920	62,307	167,453	11,736
18	Irrigated land in farms.....acres 1949..	155	18	11,414	8,133	167	11,322	4,652	5,653
19	.....acres 1944..	.....	.....	6,267	7,419	.....	7,293	282	3,150
20	Land irrigated by sprinklers.....farms reporting 1949..	2	.....	118	4	1	37	10	6
21	.....acres 1949..	115	.....	4,333	71	30	1,282	421	142
Irrigated land in farms according to use, 1949:									
22	Irrigated cropland harvested.....farms reporting..	3	3	236	139	5	411	21	22
23	.....acres..	155	18	11,055	7,153	167	10,416	1,151	2,146
24	Irrigated pasture.....farms reporting..	.....	.....	3	7	.....	25	1	3
25	.....acres..	.....	.....	65	422	.....	615	3,500	3,225
26	Irrigated wild grass pasture.....farms reporting..	.....	.....	3	2	.....	11	1	1
27	.....acres..	.....	.....	65	7	.....	221	1,000	1,000
28	Irrigated tame grass pasture.....farms reporting..	.....	.....	.....	5	.....	17	1	2
29	.....acres..	.....	.....	.....	415	.....	394	2,500	2,225
30	Irrigated cropland not harvested and not pastured.....farms reporting..	.....	.....	5	19	.....	25	1	6
31	.....acres..	.....	.....	294	558	.....	291	1	282
Irrigated farms by acres irrigated in 1949:									
32	1-9 acres.....farms reporting..	.....	2	82	37	.....	237	5	6
33	10-19 acres.....farms reporting..	.....	1	45	37	2	80	3	2
34	20-29 acres.....farms reporting..	.....	.....	31	17	2	33	1	.....
35	30-49 acres.....farms reporting..	1	.....	24	14	.....	28	5	1
36	50-99 acres.....farms reporting..	2	.....	30	14	1	23	3	3
37	100-199 acres.....farms reporting..	.....	.....	20	13	.....	13	5	8
38	200 acres and over.....farms reporting..	.....	.....	8	12	.....	13	1	5
Irrigated farms by tenure of operator, 1950:									
39	Full owners.....number..	3	1	183	97	4	309	13	11
40	Part owners.....number..	.....	1	33	24	1	60	7	6
41	Managers.....number..	.....	.....	15	7	.....	15	3	3
42	Tenants.....number..	.....	1	9	16	.....	43	.....	5
Land in wholly and in partly irrigated farms:									
43	Wholly irrigated farms.....number 1950..	1	.....	101	125	.....	337	5	18
44	All land.....acres 1950..	140	.....	9,485	50,747	.....	83,240	2,878	4,151
45	Cropland harvested.....acres 1949..	40	.....	4,798	6,699	.....	9,604	202	1,714
46	Irrigated land.....acres 1949..	40	.....	5,103	7,507	.....	9,997	202	1,996
47	Partly irrigated farms.....number 1950..	2	3	139	19	5	90	18	7
48	All land.....acres 1950..	2,132	1,177	37,396	4,840	2,551	13,065	197,958	35,904
49	Cropland harvested, total.....farms reporting 1949..	2	3	137	16	5	76	16	4
50	.....acres 1949..	442	341	16,705	875	708	1,928	3,197	502
51	Irrigated land.....acres 1949..	115	18	6,311	626	167	1,325	4,450	3,697
52	Irrigated cropland harvested.....farms reporting 1949..	2	3	135	14	5	73	16	4
53	.....acres 1949..	115	18	6,257	454	167	812	949	432
Characteristics of wholly irrigated and nonirrigated farms:									
54	Wholly irrigated farms.....number 1950..	1	.....	101	125	.....	337	5	18
55	Average acreage per farm:	.....	.....	.....	.....	.....	.....	.....	.....
56	All land.....acres 1949..	140.0	.....	93.9	406.0	.....	247.0	575.6	230.6
57	Cropland harvested.....acres 1949..	40.0	.....	47.5	53.6	.....	28.5	40.4	95.2
58	Land in bearing and nonbearing fruit orchards, planted nut trees, and vineyards.....acres 1949..	.....	.....	37.8	12.8	.....	11.3	40.2	46.3
59	Vegetables harvested for sale.....acres 1949..	.....	.....	4.7	17.4	.....	10.1	.....	74.6
60	Small grains (including sorghums).....acres 1949..	.....	.....	.....	.....	.....	( <sup>1</sup> )	.....	.....
61	All hay.....acres 1949..	.....	.....	.....	.....	.....	0.2	.....	.....
62	Farms by tenure of operator:	.....	.....	.....	.....	.....	.....	.....	.....
63	Full owners and managers.....number 1950..	1	.....	84	92	.....	253	3	9
64	Part owners.....number 1950..	.....	.....	10	20	.....	44	2	4
65	Tenants.....number 1950..	.....	.....	7	13	.....	40	.....	5
66	Value of land and buildings per farm.....dollars 1950..	.....	.....	57,248	30,045	.....	31,074	51,125	144,574
67	Nonirrigated farms.....number 1950..	3,659	436	1,471	251	1,208	404	1,883	180
68	Average acreage per farm:	.....	.....	.....	.....	.....	.....	.....	.....
69	All land.....acres 1949..	122.5	204.1	138.0	484.7	180.9	350.4	223.2	968.9
70	Cropland harvested.....acres 1949..	39.3	51.5	27.2	6.7	48.6	7.7	28.6	5.9
71	Land in bearing and nonbearing fruit orchards, planted nut trees, and vineyards.....acres 1949..	1.4	0.4	23.6	5.5	0.2	5.5	4.7	3.2
72	Vegetables harvested for sale.....acres 1949..	0.5	3.7	2.7	0.6	2.3	0.6	6.4	2.2
73	Small grains (including sorghums).....acres 1949..	0.3	0.2	( <sup>1</sup> )	.....	1.2	.....	0.9	.....
74	All hay.....acres 1949..	0.1	( <sup>1</sup> )	0.3	.....	0.3	( <sup>1</sup> )	1.0	.....
75	Farms by tenure of operator:	.....	.....	.....	.....	.....	.....	.....	.....
76	Full owners and managers.....number 1950..	2,055	372	1,361	221	745	354	1,443	163
77	Part owners.....number 1950..	658	30	77	24	182	24	324	7
78	Tenants.....number 1950..	946	34	33	6	281	26	116	10
79	Value of land and buildings per farm.....dollars 1950..	4,057	5,278	22,486	10,941	4,827	11,156	10,757	19,456
Irrigated farms and irrigated land by origin of water, 1949:									
80	Individually operated supply works and—	.....	.....	.....	.....	.....	.....	.....	.....
81	No other irrigation enterprise.....farms reporting..	3	3	231	140	5	417	21	15
82	.....acres irrigated..	155	18	11,272	7,946	167	11,262	4,592	4,307
83	1 other irrigation enterprise.....farms reporting..	.....	.....	1	1	.....	1	.....	1
84	.....acres irrigated..	.....	.....	18	160	.....	9	.....	115
85	2 or more other irrigation enterprises.....farms reporting..	.....	.....	.....	.....	.....	.....	.....	.....
86	.....acres irrigated..	.....	.....	.....	.....	.....	.....	.....	.....
87	No individually operated supply works but—	.....	.....	.....	.....	.....	.....	.....	.....
88	1 other irrigation enterprise.....farms reporting..	.....	.....	8	3	.....	8	2	9
89	.....acres irrigated..	.....	.....	124	27	.....	50	60	1,231
90	2 or more other irrigation enterprises.....farms reporting..	.....	.....	.....	.....	.....	1	.....	.....
91	.....acres irrigated..	.....	.....	.....	.....	.....	1	.....	.....

\* Not available.  
<sup>1</sup> Less than 0.05.



IRRIGATION OF AGRICULTURAL LANDS

County Table 2 (Part 1 of 4).—IRRIGATION ENTERPRISES: NUMBER AND

[Intercounty enterprises are counted in each county in which they had irrigation works, but only once in State total. For intercounty and interstate enterprises,

Item (For definitions and explanations, see text)		The State	Alachua	Baker	Brevard	Broward	Charlotte	Clay
ALL ENTERPRISES								
Farms and land irrigated:								
1	All irrigation enterprises.....enterprises 1950..	5,699	10	3	130	61	14	15
2	1940..	3,628	7	(*)	(*)	46	32	(*)
3	Intercounty enterprises.....enterprises 1950..	17	.....	.....	.....	3	.....	.....
4	Irrigated farms <sup>1</sup> .....farms 1950..	6,075	11	3	131	68	14	17
5	Average per enterprise.....farms 1950..	1.1	1.1	1.0	1.0	1.1	1.0	1.1
6	Farms irrigated direct per enterprise <sup>2</sup> .....farms 1950..	1.1	0.9	1.0	1.0	1.2	1.0	1.0
7	Irrigated land <sup>1</sup> .....acres 1949..	362,938	91	14	7,295	30,583	745	1,150
8	1939..	132,362	263	(*)	(*)	10,081	981	(*)
9	Average per irrigated farm.....acres 1949..	59.7	8.3	4.7	55.7	449.8	53.2	67.6
10	Average per enterprise.....acres 1949..	64	9	5	56	501	53	77
11	Average acreage irrigated direct per enterprise <sup>2</sup> .....acres 1949..	64	9	5	56	566	53	77
Type of enterprise, 1950:								
12	Single-farm.....enterprises..	5,679	10	3	130	60	14	15
13	acres irrigated..	341,338	91	14	7,295	25,620	745	1,150
Mutual:								
14	Unincorporated.....enterprises..	8	.....	.....	.....	1	.....	.....
15	acres irrigated..	11,829	.....	.....	.....	(3)	.....	.....
16	Incorporated.....enterprises..	.....	.....	.....	.....	.....	.....	.....
17	acres irrigated..	.....	.....	.....	.....	.....	.....	.....
18	Commercial.....enterprises..	7	.....	.....	.....	.....	.....	.....
19	acres irrigated..	3,089	.....	.....	.....	.....	.....	.....
20	District.....enterprises..	5	.....	.....	.....	.....	.....	.....
21	acres irrigated..	11,067	.....	.....	.....	.....	.....	.....
22	U. S. Bureau of Reclamation.....enterprises..	.....	.....	.....	.....	.....	.....	.....
23	acres irrigated..	.....	.....	.....	.....	.....	.....	.....
24	U. S. Bureau of Indian Affairs.....enterprises..	.....	.....	.....	.....	.....	.....	.....
25	acres irrigated..	.....	.....	.....	.....	.....	.....	.....
26	State.....enterprises..	.....	.....	.....	.....	.....	.....	.....
27	acres irrigated..	.....	.....	.....	.....	.....	.....	.....
28	City.....enterprises..	.....	.....	.....	.....	.....	.....	.....
29	acres irrigated..	.....	.....	.....	.....	.....	.....	.....
Use of surface, ground, pumped and stored water, 1949:								
Surface water:								
30	Gravity only.....enterprises reporting..	1,052	1	.....	104	2	8	8
31	acres irrigated..	65,357	4	.....	2,114	810	400	796
32	Pumped only.....enterprises reporting..	1,126	5	.....	5	30	2	2
33	acres irrigated..	114,947	61	.....	1,767	25,969	215	43
34	Gravity and pumped.....enterprises reporting..	115	.....	.....	2	.....	.....	2
35	acres irrigated..	34,616	.....	.....	3,001	.....	.....	229
36	Ground water only (pumped from wells).....enterprises reporting..	2,982	4	2	11	21	2	.....
37	acres irrigated..	74,116	26	4	171	3,444	54	.....
38	Surface (gravity or pumped) and ground water...enterprises reporting..	424	.....	1	8	8	2	3
39	acres irrigated..	76,287	.....	10	242	4,284	76	82
Stored water:								
40	None stored.....enterprises reporting..	5,550	10	3	127	60	14	15
41	acres irrigated..	357,960	91	14	6,998	34,505	745	1,150
42	Part stored.....enterprises reporting..	59	.....	.....	3	.....	.....	.....
43	acres irrigated..	7,510	.....	.....	297	.....	.....	.....
44	All stored.....enterprises reporting..	90	.....	.....	.....	1	.....	.....
45	acres irrigated..	1,853	.....	.....	.....	2	.....	.....
Sources of surface water, 1949: <sup>4</sup>								
46	Streams (and lakes).....enterprises reporting..	1,102	6	1	4	10	2	1
47	acres irrigated..	127,975	65	10	1,813	4,739	215	3
48	Springs.....enterprises reporting..	71	.....	.....	.....	.....	.....	.....
49	acres irrigated..	1,548	.....	.....	.....	.....	.....	.....
50	Flowing wells.....enterprises reporting..	1,348	.....	.....	114	.....	10	13
51	acres irrigated..	104,112	.....	.....	6,797	.....	476	1,117
52	Drainage water.....enterprises reporting..	322	.....	.....	5	30	.....	1
53	acres irrigated..	98,476	.....	.....	3,035	26,324	.....	30
54	Sewage.....enterprises reporting..	10	.....	.....	.....	.....	.....	.....
55	acres irrigated..	170	.....	.....	.....	.....	.....	.....
56	Other sources.....enterprises reporting..	.....	.....	.....	.....	.....	.....	.....
57	acres irrigated..	.....	.....	.....	.....	.....	.....	.....
Drainage of irrigated land: <sup>5</sup>								
Irrigated land drained:								
58	Enterprises reporting.....enterprises 1949..	1,651	1	.....	90	36	7	12
59	Area supplied primary irrigation.....acres 1949..	175,717	10	.....	6,398	25,832	325	892
60	Area artificially drained.....acres 1949..	159,807	10	.....	6,153	19,668	316	882
61	acres 1939..	44,348	(*)	(*)	(*)	10,002	124	(*)
Irrigated land in need of drainage:								
62	Enterprises reporting.....enterprises 1949..	387	1	.....	33	17	1	.....
63	Area supplied primary irrigation.....acres 1949..	48,631	2	.....	465	13,952	137	.....
64	Area in need of drainage.....acres 1949..	34,058	2	.....	345	6,004	20	.....
65	acres 1939..	5,573	.....	(*)	(*)	191	1	(*)

See footnotes at end of County Table 2, Part 1.





IRRIGATION OF AGRICULTURAL LANDS

County Table 2 (Part 1 of 4).—IRRIGATION ENTERPRISES: NUMBER AND

[Intercounty enterprises are counted in each county in which they had irrigation works, but only once in State total. For intercounty and interstate enterprises,

	Item (For definitions and explanations, see text)	Lake	Lee	Madison	Manatee	Marion	Martin	Nassau
ALL ENTERPRISES								
Farms and land irrigated:								
1	All irrigation enterprises.....enterprises 1950..	243	164	4	436	19	18	4
2	..... 1940..	101	94	(*)	325	12	5	(*)
3	Intercounty enterprises.....enterprises 1950..	5	1			1		
4	Irrigated farms <sup>1</sup> .....farms 1950..	240	144	5	427	23	25	2
5	Average per enterprise.....farms 1950..	1.0	0.9	1.2	1.0	1.2	1.4	0.5
6	Farms irrigated direct per enterprise <sup>2</sup> .....farms 1950..	1.0	1.0	1.0	1.0	1.1	1.4	1.0
7	Irrigated land <sup>1</sup> .....acres 1949..	12,410	8,580	134	12,219	3,110	5,583	19
8	.....acres 1939..	4,032	4,974	(*)	8,977	668	3,599	(*)
9	Average per irrigated farm.....acres 1949..	51.7	59.6	26.8	28.6	135.2	223.3	9.5
10	Average per enterprise.....acres 1949..	51	52	34	28	164	310	5
11	Average acreage irrigated direct per enterprise <sup>2</sup> .....acres 1949..	51	53	34	28	164	314	5
Type of enterprise, 1950:								
12	Single-farm.....enterprises..	243	164	4	436	19	17	4
13	.....acres irrigated..	12,414	8,680	134	12,220	3,110	5,308	19
Mutual:								
14	Unincorporated.....enterprises..							
15	.....acres irrigated..							
16	Incorporated.....enterprises..							
17	.....acres irrigated..							
18	Commercial.....enterprises..						1	
19	.....acres irrigated..						(?)	
20	District.....enterprises..							
21	.....acres irrigated..							
22	U. S. Bureau of Reclamation.....enterprises..							
23	.....acres irrigated..							
24	U. S. Bureau of Indian Affairs.....enterprises..							
25	.....acres irrigated..							
26	State.....enterprises..							
27	.....acres irrigated..							
28	City.....enterprises..							
29	.....acres irrigated..							
Use of surface, ground, pumped and stored water, 1949:								
Surface water:								
30	Gravity only.....enterprises reporting..	1	115		170		4	2
31	.....acres irrigated..		4,999		3,521		305	6
32	Pumped only.....enterprises reporting..	106	11		7	9	6	
33	.....acres irrigated..	4,477	977		407	2,296	5,240	
34	Gravity and pumped.....enterprises reporting..		3		1			
35	.....acres irrigated..		391		8			
36	Ground water only (pumped from wells).....enterprises reporting..	102	14	4	216	7	7	1
37	.....acres irrigated..	3,891	344	134	6,254	551	103	10
38	Surface (gravity or pumped) and ground water.....enterprises reporting..	34	21		42	3	1	1
39	.....acres irrigated..	4,046	1,969		2,030	263	10	3
Stored water:								
40	None stored.....enterprises reporting..	240	163	4	433	19	18	4
41	.....acres irrigated..	12,312	8,678	134	12,066	3,110	5,658	19
42	Part stored.....enterprises reporting..	3	1		2			
43	.....acres irrigated..	102	2		104			
44	All stored.....enterprises reporting..				1			
45	.....acres irrigated..				50			
Sources of surface water, 1949: <sup>4</sup>								
46	Streams (and lakes).....enterprises reporting..	125	11		3	12	2	
47	.....acres irrigated..	7,951	908		102	2,559	2,075	
48	Springs.....enterprises reporting..	1						
49	.....acres irrigated..	60						
50	Flowing wells.....enterprises reporting..	4	144		216		3	3
51	.....acres irrigated..	425	8,037		5,619		230	9
52	Drainage water.....enterprises reporting..	12	6		5		6	
53	.....acres irrigated..	172	1,218		407		3,250	
54	Sewage.....enterprises reporting..							
55	.....acres irrigated..							
56	Other sources.....enterprises reporting..							
57	.....acres irrigated..							
Drainage of irrigated land: <sup>5</sup>								
Irrigated land drained:								
58	Enterprises reporting.....enterprises 1949..	21	68		275	4	10	1
59	Area supplied primary irrigation.....acres 1949..	324	5,252		9,011	2,327	5,208	3
60	Area artificially drained.....acres 1949..	286	5,051		8,494	687	4,282	3
61	.....acres 1939..	(*)	3,220	(*)	867		3,599	(*)
Irrigated land in need of drainage:								
62	Enterprises reporting.....enterprises 1949..	8	15		43		1	1
63	Area supplied primary irrigation.....acres 1949..	137	763		605		733	10
64	Area in need of drainage.....acres 1949..	110	551		406		733	10
65	.....acres 1939..	(*)	15	(*)	20		3,700	(*)

\*Not available. <sup>1</sup>Farms or acres irrigated direct by 2 or more enterprises are counted only once. Number of irrigated farms is from the U. S. Census of Agriculture. Acreage irrigated is from the Census of Irrigation and therefore differs from acreage irrigated shown in County Table 1. (See text.) <sup>2</sup>Farms or acres irrigated direct by 2 or more enterprises are counted for each enterprise. <sup>3</sup>Data for less than 3 enterprises not shown separately. <sup>4</sup>Enterprises reporting water from more than 1 source are counted for each. <sup>5</sup>For intercounty and interstate enterprises, data represent characteristics within the county or State.

CHARACTERISTICS, BY COUNTIES: CENSUSES OF 1950 AND 1940—Continued

number of enterprises represents characteristics of the entire enterprise, acreage represents acreage within the county or State, except where otherwise noted]

Orange	Osceola	Palm Beach	Pasco	Pinellas	Polk	Putnam	St. Johns	St. Lucie	Sarasota	Seminole	Sumter	Volusia	All other counties	
214	49	190	72	139	675	31	110	269	79	95	388	59	13	1
189	7	84	20	59	336	53	47	282	60	304	91	62	(*)	2
2	1	2	1	1	10	1	1	.....	.....	.....	.....	.....	.....	3
242	54	202	83	144	914	33	118	267	69	96	372	56	26	4
1.1	1.1	1.1	1.2	1.0	1.4	1.1	1.1	1.0	0.9	1.0	1.0	0.9	2.0	5
1.1	1.1	1.1	1.0	1.1	1.4	1.0	1.0	1.0	1.1	1.0	1.0	0.9	1.0	6
19,416	1,767	43,480	7,195	7,919	63,999	1,704	6,457	37,701	4,697	4,387	2,849	1,426	3,572	7
8,341	303	10,244	1,025	3,436	17,658	2,136	1,798	12,440	4,392	6,788	694	1,188	(*)	8
80.2	32.7	215.2	86.7	55.0	70.0	51.6	54.7	141.2	68.1	45.7	7.7	25.5	137.4	9
91	36	229	100	57	95	55	59	140	59	46	7	24	275	10
91	36	229	100	57	95	55	59	140	59	46	7	24	275	11
213	49	186	72	139	665	31	110	269	78	95	388	59	13	12
19,416	1,767	32,956	7,195	7,919	58,753	1,704	6,457	37,701	4,154	4,387	2,873	1,426	3,572	13
1	.....	.....	.....	.....	4	.....	.....	.....	.....	.....	.....	.....	.....	14
(3)	.....	.....	.....	.....	2,605	.....	.....	.....	.....	.....	.....	.....	.....	15
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	16
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	17
.....	.....	.....	.....	.....	6	.....	.....	.....	.....	.....	.....	.....	.....	18
.....	.....	.....	.....	.....	2,739	.....	.....	.....	.....	.....	.....	.....	.....	19
.....	.....	4	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	20
.....	.....	10,524	.....	.....	.....	.....	.....	.....	(3)	.....	.....	.....	.....	21
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	22
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	23
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	24
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	25
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	26
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	27
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	28
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	29
3	1	1	2	5	1	19	48	193	26	38	1	1	2	30
397	5	8	8	42	.....	986	1,880	23,204	1,797	1,503	4	50	3,240	31
119	6	122	35	5	214	5	34	17	2	25	7	8	6	32
6,713	460	28,497	1,656	307	14,178	307	2,389	728	92	1,403	113	350	123	33
1	.....	5	.....	.....	1	5	4	39	5	10	.....	2	.....	34
18	.....	10,536	.....	.....	14	306	540	13,512	77	827	.....	9	.....	35
61	39	53	29	120	337	.....	10	14	32	12	378	46	5	36
2,231	967	1,356	4,919	6,722	15,615	.....	432	92	610	224	2,742	1,008	209	37
30	3	9	6	9	122	2	14	6	14	10	2	2	.....	38
10,207	335	3,083	612	848	34,290	105	1,216	165	2,121	430	14	9	.....	39
214	49	181	72	135	662	31	110	269	79	95	388	59	13	40
19,566	1,767	42,487	7,195	7,485	60,833	1,704	6,457	37,701	4,697	4,387	2,873	1,426	3,572	41
.....	.....	7	.....	4	10	.....	.....	.....	.....	.....	.....	.....	.....	42
.....	.....	779	.....	434	3,160	.....	.....	.....	.....	.....	.....	.....	.....	43
.....	.....	2	.....	.....	3	.....	.....	.....	.....	.....	.....	.....	.....	44
.....	.....	214	.....	.....	104	.....	.....	.....	.....	.....	.....	.....	.....	45
145	8	20	40	11	334	4	2	4	3	31	7	7	6	46
16,882	618	11,152	2,198	1,086	48,385	254	230	88	1,720	1,910	112	342	139	47
.....	.....	.....	1	.....	2	.....	.....	1	.....	.....	4	.....	1	48
.....	.....	.....	70	.....	53	.....	.....	25	.....	.....	1	.....	4	49
10	2	.....	2	6	2	27	99	241	37	52	.....	3	1	50
3,082	72	.....	8	68	799	1,450	5,975	37,165	2,067	2,495	.....	59	3,220	51
2	1	130	.....	1	3	3	1	39	10	2	1	5	.....	52
2,364	177	37,945	.....	20	79	95	200	12,872	397	159	4	26	.....	53
.....	.....	.....	1	.....	.....	.....	4	.....	.....	1	1	.....	.....	54
.....	.....	.....	.....	23	.....	.....	115	.....	.....	12	11	.....	.....	55
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	56
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	57
17	7	101	1	9	45	10	48	162	42	40	6	3	1	58
1,618	208	32,876	10	593	1,482	534	3,205	34,382	4,144	1,961	49	13	3,220	59
1,342	105	32,045	10	297	1,052	464	3,111	33,124	4,094	1,894	36	13	3,220	60
178	.....	5,274	(*)	619	257	(*)	.....	2,352	1,143	4,364	60	106	(*)	61
2	6	77	1	4	16	1	11	10	7	4	6	26	.....	62
92	354	17,510	4	121	188	80	847	5,997	855	111	44	228	.....	63
92	207	16,395	4	22	95	80	847	4,635	855	81	30	226	.....	64
.....	.....	1,000	(*)	22	74	.....	.....	3	20	209	6	.....	(*)	65

IRRIGATION OF AGRICULTURAL LANDS

County Table 2 (Part 2 of 4).—IRRIGATION ENTERPRISES: NUMBER AND CHARACTERISTICS.

[Intercounty enterprises are counted in each county in which they had irrigation works, but only once in State total. For intercounty enterprises,

Item (For definitions and explanations, see text.)		The State	Alachua	Baker	Brevard	Broward	Charlotte	Clay
<b>ALL ENTERPRISES</b>								
<b>Irrigation works:</b>								
1	Diversion dams.....enterprises reporting 1950..	154	1	2	11	6	1	3
2	dams 1950..	355	1	2	48	28	1	6
3	1940..	3		(*)	(*)			(*)
<b>Diversion dams by material:</b>								
4	Concrete or masonry.....dams 1950..	63	1		18	4		
5	Timber.....dams 1950..	22				5		
6	Earth and rock.....dams 1950..	199		2	15	1		2
7	Other, mixed, and not reported.....dams 1950..	71			15	18	1	4
8	Reservoirs.....enterprises reporting 1950..	151			5	1		
9	reservoirs 1950..	180			8	1		
10	1940..	7		(*)	(*)		1	(*)
11	Reservoirs for which capacity was reported.....reservoirs 1950..	168			8	1		
12	total capacity, acre-feet 1950..	3,343			39	9		
13	1940..	19,419		(*)	(*)		(*)	(*)
<b>Reservoirs by capacity:</b>								
14	1 - 99 acre-feet.....reservoirs 1950..	162			8	1		
15	100 - 999 acre-feet.....reservoirs 1950..	5						
16	1,000 acre-feet and over.....reservoirs 1950..	1						
<b>Reservoir dams by material:</b>								
17	Concrete or masonry.....dams 1950..	2			1			
18	Earth and rock.....dams 1950..	169			7	1		
19	Other, mixed, and not reported.....dams 1950..	9						
20	Canals and ditches.....enterprises reporting 1950..	213			5	21	2	3
21	total length, miles 1950..	695			3	146	6	1
22	1940..	74		(*)	(*)	8		(*)
23	Pipelines and siphons <sup>2</sup> .....enterprises reporting 1950..	580				2	1	1
24	total length, miles 1950..	482				1	(1)	1
25	1940..	4,260	2	(*)	(*)	1	1	(*)
26	Tunnels.....enterprises reporting 1950..	1						
27	total length, feet 1950..	40						
28	Flowing wells.....enterprises reporting 1950..	1,336			112		8	13
29	wells 1950..	4,181			248		24	29
30	1940..	4,631		(*)	(*)		37	(*)
31	Pumped wells.....enterprises reporting 1950..	3,422	4	3	18	30	5	1
32	wells 1950..	7,598	4	8	81	67	14	3
33	1940..	1,686	14	(*)	(*)	11	3	(*)
34	Wells for which pumping lift was reported.....wells 1949..	6,475	1	8	63	60	7	1
35	Average pumping lift.....feet 1949..	23	26	66	44	27	19	14
36	1939..	21	15	(*)	(*)	14	48	(*)
37	Irrigation pumps.....enterprises reporting 1950..	4,647	9	3	22	57	6	6
38	pumps 1950..	7,616	13	9	50	161	8	8
39	pumping plants 1940..	2,321	14	(*)	(*)	98	4	(*)
40	Electric motors used for pumping.....enterprises reporting 1950..	940	3	3	8	13	2	1
41	electric motors 1950..	1,497	3	7	14	23	2	1
42	Other motors and engines used for pumping.....enterprises reporting 1950..	3,929	8	1	14	56	5	5
43	other motors and engines 1950..	5,914	11	2	30	138	6	7
<b>Season of Irrigation, 1949:</b>								
44	Water delivered only before July 1.....enterprises reporting..	2,339	6		33	3	9	4
45	acres irrigated..	95,768	45		3,889	40	347	279
46	Water delivered before and after July 1.....enterprises reporting..	3,054	2	3	95	47	4	9
47	acres irrigated..	253,111	42	14	3,364	25,836	332	837
48	Water delivered only after July 1.....enterprises reporting..	208			2	4	1	2
49	acres irrigated..	5,164			42	431	66	34
<b>Capital investment:</b>								
50	Capital investment in irrigation works and water rights to Jan. 1, 1940.....dollars 1940..	7,055,921	11,000	(*)	(*)	411,047	24,136	(*)
<b>New capital investment Jan. 1, 1940, to Jan. 1, 1950:</b>								
51	Enterprises reporting.....enterprises 1950..	3,570	9	3	50	38	3	9
52	Amount.....dollars 1950..	12,493,218	11,600	15,200	60,253	316,927	8,326	18,777
53	Area irrigated direct.....acres 1949..	244,834	87	14	2,656	21,592	281	147
54	Total capital investment Jan. 1, 1950.....dollars 1950..	19,549,139	22,600	(*)	(*)	727,974	32,462	(*)
<b>Indebtedness:<sup>3</sup></b>								
<b>Outstanding bonds, construction cost, and other funded obligations, Jan. 1, 1950:</b>								
55	Enterprises reporting.....enterprises 1950..	4						
56	Amount.....dollars 1950..	96,800						
57	1940..	(*)	(*)	(*)	(*)	(*)	(*)	(*)
58	Area irrigated direct.....acres 1949..	10,524						
<b>Arrears in payment of principal or interest on bonds, construction cost, and other funded obligations, Jan. 1, 1950:</b>								
59	Enterprises reporting.....enterprises 1950..							
60	Amount.....dollars 1950..							
61	Area irrigated direct.....acres 1949..							

See footnotes at end of County Table 2, Part 2.



IRRIGATION OF AGRICULTURAL LANDS

County Table 2 (Part 2 of 4).—IRRIGATION ENTERPRISES: NUMBER AND CHARACTERISTICS.

[Intercounty enterprises are counted in each county in which they had irrigation works, but only once in State total. For intercounty enterprises,

Item (For definitions and explanations, see text)		Lake	Lee	Madison	Manatee	Marion	Martin	Nassau
<b>ALL ENTERPRISES</b>								
<b>Irrigation works:</b>								
1	Diversion dams.....enterprises reporting 1950..	1	4		2		2	
2	dams 1950..	1	7		2		15	
3	1940..			(*)			2	(*)
Diversion dams by material:								
4	Concrete or masonry.....dams 1950..		2		1			
5	Timber.....dams 1950..						1	
6	Earth and rock.....dams 1950..	1	5		1		14	
7	Other, mixed, and not reported.....dams 1950..							
8	Reservoirs.....enterprises reporting 1950..	3	1		3	1		
9	reservoirs 1950..	4	1		4	1		
10	1940..			(*)				(*)
11	Reservoirs for which capacity was reported.....reservoirs 1950..	4	1		4	1		
12	total capacity, acre-feet 1950..	68	4		49	1		
13	1940..		(*)	(*)				(*)
Reservoirs by capacity:								
14	1 - 99 acre-feet.....reservoirs 1950..	4	1		4	1		
15	100 - 999 acre-feet.....reservoirs 1950..							
16	1,000 acre-feet and over.....reservoirs 1950..							
Reservoir dams by material:								
17	Concrete or masonry.....dams 1950..							
18	Earth and rock.....dams 1950..	4	1		4	1		
19	Other, mixed, and not reported.....dams 1950..							
20	Canals and ditches.....enterprises reporting 1950..	4	11		17	1	7	
21	total length, miles 1950..	2	30		35	7	42	
22	1940..			(*)			5	(*)
23	Pipelines and siphons <sup>2</sup> .....enterprises reporting 1950..	28	1	1	12	7	3	
24	total length, miles 1950..	21	1	( <sup>1</sup> )	6	3	1	
25	1940..	46	8	(*)	477	9	1	(*)
26	Tunnels.....enterprises reporting 1950..							
27	total length, feet 1950..							
28	Flowing wells.....enterprises reporting 1950..	3	144		216		3	3
29	wells 1950..	4	383		435		6	4
30	1940..	3	178	(*)	499			(*)
31	Pumped wells.....enterprises reporting 1950..	141	34	4	258	10	8	2
32	wells 1950..	216	72	4	601	23	28	9
33	1940..	39	3	(*)	187	13		(*)
34	Wells for which pumping lift was reported.....wells 1949..	143	41	4	458	11	28	9
35	Average pumping lift.....feet 1949..	61	71	15	28	44	20	13
36	1939..	22	32	(*)	13	76		(*)
37	Irrigation pumps.....enterprises reporting 1950..	240	46	4	264	19	13	2
38	pumps 1950..	335	79	4	499	34	29	7
39	pumping plants 1940..	103	4	(*)	169	13	16	(*)
40	Electric motors used for pumping.....enterprises reporting 1950..	58	7	4	43	2	5	1
41	electric motors 1950..	69	7	4	98	2	9	4
42	Other motors and engines used for pumping.....enterprises reporting 1950..	184	34		230	18	13	1
43	other motors and engines 1950..	255	62		350	29	26	1
<b>Season of irrigation, 1949:</b>								
44	Water delivered only before July 1.....enterprises reporting..	120	32	4	102	5	1	
45	acres irrigated..	4,379	1,317	134	1,678	175	65	
46	Water delivered before and after July 1.....enterprises reporting..	109	95		278	13	16	4
47	acres irrigated..	7,935	6,410		9,253	2,931	5,593	19
48	Water delivered only after July 1.....enterprises reporting..	6	20		51	1		
49	acres irrigated..	100	486		947	4		
<b>Capital Investment:</b>								
50	Capital investment in irrigation works and water rights to Jan. 1, 1940.....dollars 1940..	136,257	86,290	(*)	697,512	26,188	140,500	(*)
New capital investment Jan. 1, 1940, to Jan. 1, 1950:								
51	Enterprises reporting.....enterprises 1950..	165	81	1	247	14	10	3
52	Amount.....dollars 1950..	627,870	195,702	2,000	452,804	129,606	47,356	2,050
53	Area irrigated direct.....acres 1949..	7,862	5,802	2	8,698	2,766	2,238	9
54	Total capital investment Jan. 1, 1950.....dollars 1950..	764,127	281,992	(*)	1,150,316	155,794	187,856	(*)
<b>Indebtedness:<sup>3</sup></b>								
Outstanding bonds, construction cost, and other funded obligations, Jan. 1, 1950:								
55	Enterprises reporting.....enterprises 1950..							
56	Amount.....dollars 1950..							
57	1940..	(*)	(*)	(*)	(*)	(*)	(*)	(*)
58	Area irrigated direct.....acres 1949..							
Arrearage in payment of principal or interest on bonds, construction cost, and other funded obligations, Jan. 1, 1950:								
59	Enterprises reporting.....enterprises 1950..							
60	Amount.....dollars 1950..							
61	Area irrigated direct.....acres 1949..							

\* Not available.  
<sup>1</sup> Less than 0.5.  
<sup>2</sup> Pipelines in farm-distribution systems were included in 1940, not included in 1950.  
<sup>3</sup> Not reported in 1940 by enterprises serving less than 5 farms, nor in 1950 by single-farm enterprises.



IRRIGATION OF AGRICULTURAL LANDS

County Table 2 (Part 3 of 4).—IRRIGATION ENTERPRISES: NUMBER AND

[Intercounty enterprises are included in each county in which they had irrigation works, but only once in State total. For intercounty and interstate enterprises,

Item (For definitions and explanations, see text)	The State	Alachua	Baker	Brevard	Broward	Charlotte	Clay
<b>ALL ENTERPRISES</b>							
<b>Cost of water to farms, 1949:<sup>1</sup></b>							
<b>Total cost of water to farms:</b>							
1 Enterprises reporting.....enterprises..	5,653	9	3	130	61	14	15
2 Cost.....dollars..	1,997,952	890	450	7,695	126,662	870	2,320
3 Area irrigated direct.....acres..	367,323	91	14	7,295	34,507	745	1,150
4 Cost per acre irrigated direct.....dollars..	5.44	9.78	32.14	1.05	3.67	1.17	2.02
5 Total cost per irrigated acre.....dollars..	5.50	9.78	32.14	1.05	4.14	1.17	2.02
6 Total cost per acre-foot of water <sup>2</sup> .....dollars..	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
<b>Enterprises by cost per acre:</b>							
7 Less than \$1.00.....enterprises reporting..	1,346	4	.....	96	4	8	8
8 acres irrigated..	119,734	51	.....	6,400	5,400	400	537
9 \$1.00-\$1.99.....enterprises reporting..	206	.....	.....	2	1	3	.....
10 acres irrigated..	40,986	.....	.....	54	10	154	.....
11 \$2.00-\$4.99.....enterprises reporting..	699	.....	.....	7	20	1	3
12 acres irrigated..	92,981	.....	.....	431	23,532	137	528
13 \$5.00-\$9.99.....enterprises reporting..	940	1	.....	7	16	1	1
14 acres irrigated..	98,116	4	.....	180	4,105	4	40
15 \$10.00 and over.....enterprises reporting..	2,462	4	3	18	20	1	3
16 acres irrigated..	55,506	36	14	230	1,460	50	45
<b>Cost of water for primary irrigation:</b>							
17 Enterprises reporting.....enterprises..	5,645	9	3	130	58	14	15
18 Cost.....dollars..	1,981,425	890	450	7,695	111,651	870	2,320
19 Area supplied primary irrigation.....acres..	362,938	91	14	7,295	30,583	745	1,150
20 Cost per acre supplied.....dollars..	5.46	9.78	32.14	1.05	3.65	1.17	2.02
<b>Cost of water for supplemental irrigation:</b>							
21 Enterprises reporting.....enterprises..	16	.....	.....	.....	3	.....	.....
22 Cost.....dollars..	16,527	.....	.....	.....	15,011	.....	.....
23 Area supplied supplemental irrigation.....acres..	4,385	.....	.....	.....	3,924	.....	.....
24 Cost per acre supplied.....dollars..	3.77	.....	.....	.....	3.83	.....	.....
<b>Cost to farms for purposes other than operation and maintenance:<sup>4</sup></b>							
25 Enterprises reporting.....enterprises..	1	.....	.....	.....	.....	.....	.....
26 Cost.....dollars..	313	.....	.....	.....	.....	.....	.....
27 Area irrigated direct.....acres..	250	.....	.....	.....	.....	.....	.....
28 Cost per acre irrigated.....dollars..	1.25	.....	.....	.....	.....	.....	.....
<b>Arrearage in payments by farms, Jan. 1, 1950:<sup>4</sup></b>							
29 Enterprises reporting.....enterprises..	2	.....	.....	.....	1	.....	.....
30 Amount.....dollars..	3,700	.....	.....	.....	1,200	.....	.....
31 Area irrigated direct.....acres..	9,637	.....	.....	.....	8,887	.....	.....
<b>SINGLE-FARM ENTERPRISES, 1950</b>							
32 Single-farm enterprises.....enterprises..	5,679	10	3	130	60	14	15
33 Area irrigated.....acres..	341,338	91	14	7,295	25,620	745	1,150
34 Complete-system enterprises <sup>5</sup> .....enterprises..	5,604	9	3	130	55	14	15
35 Area irrigated.....acres..	335,046	91	14	7,295	23,976	745	1,150
<b>Other farms irrigated:</b>							
36 Enterprises reporting.....number..	240	.....	.....	.....	3	.....	.....
37 Number of other farms.....farms..	425	.....	.....	.....	5	.....	.....
38 Area irrigated in other farms.....acres..	8,783	.....	.....	.....	350	.....	.....
<b>Enterprises by origin of water supply:<sup>5</sup></b>							
39 No water from other enterprises.....enterprises reporting..	5,653	10	3	130	57	14	15
40 acres irrigated..	335,398	91	14	7,295	24,044	745	1,150
41 Part of water from other enterprises.....enterprises reporting..	8	.....	.....	.....	.....	.....	.....
42 acres irrigated..	308	.....	.....	.....	.....	.....	.....
43 All of water from other enterprises.....enterprises reporting..	18	.....	.....	.....	3	.....	.....
44 acres irrigated..	5,632	.....	.....	.....	1,576	.....	.....
<b>Enterprises by primary and supplemental irrigation:</b>							
45 All primary.....enterprises reporting..	5,620	9	3	130	57	14	15
46 acres irrigated..	336,919	91	14	7,295	21,696	745	1,150
47 Part primary, part supplemental.....enterprises reporting..	8	.....	.....	.....	.....	.....	.....
48 Primary irrigation.....acres irrigated..	184	.....	.....	.....	.....	.....	.....
49 Supplemental irrigation.....acres irrigated..	207	.....	.....	.....	.....	.....	.....
50 All supplemental.....enterprises reporting..	7	.....	.....	.....	3	.....	.....
51 acres irrigated..	4,028	.....	.....	.....	3,924	.....	.....
<b>Enterprises by number of acres irrigated:<sup>5</sup></b>							
52 None.....enterprises reporting..	44	1	.....	.....	.....	.....	.....
53 1-9 acres.....enterprises reporting..	2,504	4	2	63	8	3	2
54 10-29 acres.....enterprises reporting..	1,523	5	1	37	9	4	7
55 30-59 acres.....enterprises reporting..	669	.....	.....	17	5	2	3
56 60-99 acres.....enterprises reporting..	356	.....	.....	5	3	3	.....
57 100-199 acres.....enterprises reporting..	268	.....	.....	5	8	1	.....
58 200-499 acres.....enterprises reporting..	203	.....	.....	1	12	1	2
59 500-999 acres.....enterprises reporting..	57	.....	.....	.....	6	.....	1
60 1,000 acres or more.....enterprises reporting..	55	.....	.....	2	9	.....	.....

See footnotes at end of County Table 2, Part 3.





IRRIGATION OF AGRICULTURAL LANDS

County Table 2 (Part 3 of 4).—IRRIGATION ENTERPRISES: NUMBER AND

[Intercounty enterprises are included in each county in which they had irrigation works, but only once in State total. For intercounty and interstate enterprises,

Item (For definitions and explanations, see text)	Lake	Lee	Madison	Manatee	Marion	Martin	Nassau
<b>ALL ENTERPRISES</b>							
<b>Cost of water to farms, 1949:<sup>1</sup></b>							
<b>Total cost of water to farms:</b>							
1 Enterprises reporting.....enterprises..	235	157	4	433	19	17	4
2 Cost.....dollars..	63,850	19,250	210	88,617	11,119	11,480	610
3 Area irrigated direct.....acres..	12,414	8,680	134	12,220	3,110	5,658	19
4 Cost per acre irrigated direct.....dollars..	5.14	2.22	1.57	7.25	3.58	2.03	32.11
5 Total cost per irrigated acre.....dollars..	5.15	2.24	1.57	7.25	3.58	2.06	32.11
6 Total cost per acre-foot of water <sup>2</sup> .....dollars..	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
<b>Enterprises by cost per acre:</b>							
7 Less than \$1.00.....enterprises reporting..	38	98	1	159	5	6	1
8 acres irrigated..	2,350	5,193	90	3,231	281	4,581	3
9 \$1.00-\$1.99.....enterprises reporting..	20	10	1	13	2	.....	.....
10 acres irrigated..	3,443	909	27	347	2,040	.....	.....
11 \$2.00-\$4.99.....enterprises reporting..	57	19	1	45	2	1	1
12 acres irrigated..	3,405	949	15	3,673	162	733	3
13 \$5.00-\$9.99.....enterprises reporting..	47	18	.....	62	4	2	.....
14 acres irrigated..	1,489	1,313	.....	2,297	220	17	.....
15 \$10.00 and over.....enterprises reporting..	73	12	1	154	6	8	2
16 acres irrigated..	1,727	316	2	2,672	407	327	13
<b>Cost of water for primary irrigation:</b>							
17 Enterprises reporting.....enterprises..	235	157	4	433	19	16	4
18 Cost.....dollars..	63,833	19,208	210	88,617	11,119	11,480	610
19 Area supplied primary irrigation.....acres..	12,410	8,580	134	12,219	3,110	5,583	19
20 Cost per acre supplied.....dollars..	5.14	2.24	1.57	7.25	3.58	2.06	32.11
<b>Cost of water for supplemental irrigation:</b>							
21 Enterprises reporting.....enterprises..	1	1	.....	1	.....	1	.....
22 Cost.....dollars..	17	42	.....	0	.....	0	.....
23 Area supplied supplemental irrigation.....acres..	4	100	.....	1	.....	75	.....
24 Cost per acre supplied.....dollars..	4.25	0.42	.....	0.00	.....	0.00	.....
<b>Cost to farms for purposes other than operation and maintenance:<sup>4</sup></b>							
25 Enterprises reporting.....enterprises..	.....	.....	.....	.....	.....	.....	.....
26 Cost.....dollars..	.....	.....	.....	.....	.....	.....	.....
27 Area irrigated direct.....acres..	.....	.....	.....	.....	.....	.....	.....
28 Cost per acre irrigated.....dollars..	.....	.....	.....	.....	.....	.....	.....
<b>Arrearage in payments by farms, Jan. 1, 1950:<sup>4</sup></b>							
29 Enterprises reporting.....enterprises..	.....	.....	.....	.....	.....	.....	.....
30 Amount.....dollars..	.....	.....	.....	.....	.....	.....	.....
31 Area irrigated direct.....acres..	.....	.....	.....	.....	.....	.....	.....
<b>SINGLE-FARM ENTERPRISES, 1950</b>							
32 Single-farm enterprises.....enterprises..	243	164	4	436	19	17	4
33 Area irrigated.....acres..	12,414	8,680	134	12,220	3,110	5,308	19
34 Complete-system enterprises <sup>5</sup> .....enterprises..	235	157	4	433	19	15	4
35 Area irrigated.....acres..	12,414	8,660	134	12,220	3,110	5,183	19
<b>Other farms irrigated:</b>							
36 Enterprises reporting.....number..	8	5	.....	12	1	1	.....
37 Number of other farms.....farms..	8	5	.....	12	1	7	.....
38 Area irrigated in other farms.....acres..	71	144	.....	68	25	926	.....
<b>Enterprises by origin of water supply:<sup>5</sup></b>							
39 No water from other enterprises.....enterprises reporting..	243	164	4	436	19	16	4
40 acres irrigated..	12,414	8,680	134	12,220	3,110	5,183	19
41 Part of water from other enterprises.....enterprises reporting..	.....	.....	.....	.....	.....	.....	.....
42 acres irrigated..	.....	.....	.....	.....	.....	.....	.....
43 All of water from other enterprises.....enterprises reporting..	.....	.....	.....	.....	.....	1	.....
44 acres irrigated..	.....	.....	.....	.....	.....	125	.....
<b>Enterprises by primary and supplemental irrigation:</b>							
45 All primary.....enterprises reporting..	234	156	4	432	19	15	4
46 acres irrigated..	12,407	8,575	134	12,216	3,110	5,233	19
47 Part primary, part supplemental.....enterprises reporting..	1	1	.....	1	.....	.....	.....
48 Primary irrigation.....acres irrigated..	3	5	.....	3	.....	.....	.....
49 Supplemental irrigation.....acres irrigated..	4	100	.....	1	.....	.....	.....
50 All supplemental.....enterprises reporting..	.....	.....	.....	.....	.....	1	.....
51 acres irrigated..	.....	.....	.....	.....	.....	75	.....
<b>Enterprises by number of acres irrigated:<sup>5</sup></b>							
52 None.....enterprises reporting..	8	7	.....	3	.....	1	.....
53 1-9 acres.....enterprises reporting..	78	42	1	233	3	6	3
54 10-29 acres.....enterprises reporting..	76	59	2	118	3	2	1
55 30-59 acres.....enterprises reporting..	27	17	.....	39	3	.....	.....
56 60-99 acres.....enterprises reporting..	24	11	1	16	4	2	.....
57 100-199 acres.....enterprises reporting..	17	14	.....	12	5	2	.....
58 200-499 acres.....enterprises reporting..	6	12	.....	12	.....	1	.....
59 500-999 acres.....enterprises reporting..	5	2	.....	3	.....	1	.....
60 1,000 acres or more.....enterprises reporting..	2	.....	.....	.....	1	2	.....

<sup>1</sup>Enterprises with reported cost of \$0 in 1949 are included.

<sup>2</sup>Average cost per irrigated acre divided by calculated average quantity of water per acre. (County Table 2, Part 4, line 66.)

<sup>3</sup>Average not given because number of enterprises reporting quantity of water was not sufficient to provide satisfactory data.

<sup>4</sup>Not reported by single-farm enterprises.

<sup>5</sup>For intercounty and interstate enterprises, number of enterprises represents characteristics of the entire enterprise, number of acres represents acreage within the county or State.

CHARACTERISTICS, BY COUNTIES: CENSUSES OF 1950 AND 1940—Continued

data represent characteristics within the county or State, except where otherwise noted. Acreage irrigated direct by 2 or more enterprises is counted for each enterprise.]

Orange	Osceola	Palm Beach	Pasco	Pinellas	Polk	Putnam	St. Johns	St. Lucie	Sarasota	Seminole	Sumter	Volusia	All other counties	
212	49	190	71	139	669	31	109	269	79	94	384	56	13	1
89,891	10,979	210,634	31,433	62,197	542,258	7,655	23,270	38,040	24,890	14,438	48,779	5,502	3,143	2
19,566	1,767	43,480	7,195	7,919	64,097	1,704	6,457	37,701	4,697	4,387	2,873	1,426	3,572	3
4.59	6.21	4.84	4.37	7.85	8.46	4.49	3.60	1.01	5.30	3.29	16.98	3.86	0.88	4
4.63	6.21	4.84	4.37	7.85	8.47	4.49	3.60	1.01	5.30	3.29	17.12	3.86	0.88	5
(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	6
55	3	20	10	13	60	17	47	209	31	39	10	5	2	7
7,594	71	5,837	660	257	8,272	916	2,932	30,791	1,488	1,557	65	217	3,240	8
9	1	11	6	5	30	.....	14	11	3	7	5	4	.....	9
972	17	6,822	4,221	1,174	8,407	.....	1,007	775	152	1,404	47	491	.....	10
43	19	34	18	19	116	6	14	14	14	13	31	14	3	11
5,590	1,006	21,103	1,065	1,626	11,584	344	1,112	1,834	1,392	437	380	422	106	12
32	13	42	11	48	149	2	20	15	7	17	67	14	2	13
3,554	413	5,511	434	3,498	16,155	170	929	4,029	1,210	749	696	180	79	14
73	13	83	26	54	314	6	14	20	24	18	271	19	6	15
1,856	260	4,207	815	1,364	19,679	274	477	272	455	240	1,685	116	147	16
211	49	190	71	139	668	31	109	269	79	94	384	56	13	17
89,891	10,979	210,634	31,433	62,197	541,080	7,655	23,270	38,040	24,890	14,438	48,730	5,502	3,143	18
19,416	1,767	43,480	7,195	7,919	63,999	1,704	6,457	37,701	4,697	4,387	2,849	1,426	3,572	19
4.63	6.21	4.84	4.37	7.85	8.45	4.49	3.60	1.01	5.30	3.29	17.10	3.86	0.88	20
1	.....	.....	.....	.....	4	.....	.....	.....	.....	.....	2	.....	.....	21
0	.....	.....	.....	.....	1,178	.....	.....	.....	.....	.....	49	.....	.....	22
150	.....	.....	.....	.....	98	.....	.....	.....	.....	.....	24	.....	.....	23
0.00	.....	.....	.....	.....	12.02	.....	.....	.....	.....	.....	2.04	.....	.....	24
.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	25
.....	.....	313	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	26
.....	.....	250	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	27
.....	.....	1.25	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	28
.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	29
.....	.....	.....	.....	.....	2,500	.....	.....	.....	.....	.....	.....	.....	.....	30
.....	.....	.....	.....	.....	750	.....	.....	.....	.....	.....	.....	.....	.....	31
213	49	186	72	139	665	31	110	269	78	95	388	59	13	32
19,416	1,767	32,956	7,195	7,919	58,753	1,704	6,457	37,701	4,154	4,387	2,873	1,426	3,572	33
209	49	177	71	138	658	31	109	269	72	94	384	56	13	34
19,324	1,767	29,767	7,195	7,911	58,040	1,704	6,457	37,701	3,928	4,387	2,873	1,426	3,572	35
12	4	7	2	12	90	1	3	6	.....	.....	3	.....	.....	36
17	7	8	3	15	211	1	3	7	.....	.....	6	.....	.....	37
414	78	584	25	259	4,063	10	29	47	.....	.....	28	.....	.....	38
212	49	177	72	138	662	31	110	269	72	95	388	59	13	39
19,392	1,767	29,767	7,195	7,911	58,040	1,704	6,457	37,701	3,928	4,387	2,873	1,426	3,572	40
.....	.....	1	.....	.....	2	.....	.....	.....	3	.....	.....	.....	.....	41
.....	.....	52	.....	.....	80	.....	.....	.....	97	.....	.....	.....	.....	42
1	.....	8	.....	.....	1	.....	.....	.....	3	.....	.....	.....	.....	43
24	.....	3,137	.....	.....	633	.....	.....	.....	129	.....	.....	.....	.....	44
211	49	186	71	139	657	31	109	269	78	94	382	56	13	45
19,416	1,767	32,956	7,195	7,919	58,501	1,704	6,457	37,701	4,154	4,387	2,830	1,426	3,572	46
.....	.....	.....	.....	.....	3	.....	.....	.....	.....	.....	2	.....	.....	47
.....	.....	.....	.....	.....	154	.....	.....	.....	.....	.....	19	.....	.....	48
.....	.....	.....	.....	.....	78	.....	.....	.....	.....	.....	24	.....	.....	49
.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	50
.....	.....	.....	.....	.....	20	.....	.....	.....	.....	.....	.....	.....	.....	51
2	.....	.....	1	.....	4	.....	1	.....	.....	1	4	3	.....	52
58	6	52	30	23	167	3	10	54	28	24	293	32	4	53
55	24	33	15	47	185	11	23	97	25	32	85	15	3	54
39	11	25	10	38	118	4	40	49	16	17	5	3	2	55
19	2	17	5	16	81	8	22	23	4	10	1	1	3	56
20	5	12	4	8	52	3	11	17	2	7	.....	3	.....	57
13	.....	30	6	5	35	1	2	17	1	3	.....	2	.....	58
4	1	9	.....	1	11	1	1	5	1	1	.....	.....	.....	59
3	.....	8	1	1	12	.....	.....	7	1	.....	.....	.....	1	60

IRRIGATION OF AGRICULTURAL LANDS

County Table 2 (Part 4 of 4).—IRRIGATION ENTERPRISES: NUMBER AND CHARACTERISTICS, BY COUNTIES: CENSUSES OF 1950 AND 1940

[Intercounty enterprises are counted in each county in which they had irrigation works, but only once in the State total. Acreage irrigated direct by 2 or more enterprises is counted for each enterprise.]

Item (For definitions and explanations, see text)		The State	Palm Beach	Polk	All other counties
<b>MULTIPLE-FARM ENTERPRISES, 1950</b>					
1	Multiple-farm enterprises, total number <sup>1</sup> .....enterprises..	20	4	10	6
2	Area irrigated direct.....acres..	25,985	10,524	5,344	10,117
3	Multiple-purpose enterprises <sup>1</sup> .....enterprises..	7	4	.....	3
4	Area irrigated direct.....acres..	20,304	10,524	.....	9,780
5	Complete-system enterprises <sup>1</sup> .....enterprises..	12	1	8	3
6	Area irrigated direct.....acres..	9,881	4,200	5,344	337
<b>Enterprises by origin of water supply:<sup>1</sup></b>					
7	No water from other enterprises.....enterprises reporting..	18	3	10	5
8	acres irrigated.....	14,031	7,457	5,344	1,230
9	Part of water from other enterprises.....enterprises reporting..	1	.....	.....	1
10	acres irrigated.....	8,887	.....	.....	8,887
11	All water from other enterprises.....enterprises reporting..	1	1	.....	.....
12	acres irrigated.....	3,067	3,067	.....	.....
<b>Enterprises by delivery of irrigation water:<sup>1</sup></b>					
13	No water delivered.....enterprises reporting..	2	.....	2	.....
14	Water delivered direct to farms only.....enterprises reporting..	12	1	8	3
15	acres irrigated.....	9,881	4,200	5,344	337
16	Water delivered to farms and to other enterprises.....enterprises reporting..	6	3	.....	3
17	acres irrigated.....	16,104	6,324	.....	9,780
18	Water delivered to other enterprises only.....enterprises reporting..	.....	.....	.....	.....
<b>Enterprises by primary and supplemental irrigation:<sup>2</sup></b>					
19	All primary.....enterprises reporting..	17	4	8	5
20	acres irrigated.....	25,835	10,524	5,344	9,967
21	Part primary, part supplemental.....enterprises reporting..	.....	.....	.....	.....
22	Primary irrigation.....acres irrigated.....	.....	.....	.....	.....
23	Supplemental irrigation.....acres irrigated.....	.....	.....	.....	.....
24	All supplemental.....enterprises reporting..	1	.....	.....	1
25	acres irrigated.....	150	.....	.....	150
<b>Enterprises by number of farms irrigated direct:<sup>1</sup></b>					
26	None.....enterprises reporting..	2	.....	2	.....
27	1-3.....enterprises reporting..	7	2	3	2
28	4-9.....enterprises reporting..	6	2	2	2
29	10-29.....enterprises reporting..	5	.....	3	2
30	30-99.....enterprises reporting..	.....	.....	.....	.....
31	100-299.....enterprises reporting..	.....	.....	.....	.....
32	300-999.....enterprises reporting..	.....	.....	.....	.....
33	1,000 or more.....enterprises reporting..	.....	.....	.....	.....
<b>Enterprises by acres irrigated direct:<sup>1</sup></b>					
34	None.....enterprises reporting..	2	.....	2	.....
35	1-99 acres.....enterprises reporting..	3	.....	2	1
36	100-999 acres.....enterprises reporting..	9	1	4	4
37	1,000-2,999 acres.....enterprises reporting..	2	.....	2	.....
38	3,000-9,999 acres.....enterprises reporting..	4	3	.....	1
39	10,000-29,999 acres.....enterprises reporting..	.....	.....	.....	.....
40	30,000 acres or more.....enterprises reporting..	.....	.....	.....	.....
<b>Quantities of water reported, 1949:<sup>3</sup></b>					
41	Total obtained from all sources <sup>3</sup> .....enterprises reporting..	( <sup>4</sup> ) 5	.....	5	.....
42	percent of all enterprises reporting..	.....	.....	1	.....
43	acres irrigated.....	.....	.....	2,926	.....
44	Surface sources.....enterprises reporting..	2,926	.....	5	.....
45	acres irrigated.....	.....	.....	1,874	.....
46	Pumped wells.....enterprises reporting..	1,874	.....	3	.....
47	acres irrigated.....	.....	.....	1,052	.....
48	Other enterprises.....enterprises reporting..	1,052	.....	.....	.....
49	acres irrigated.....	.....	.....	.....	.....
50	Conveyance loss.....enterprises reporting..	.....	.....	.....	.....
51	acres irrigated.....	.....	.....	.....	.....
<b>Delivered:</b>					
52	Direct to farms.....enterprises reporting..	5	.....	5	.....
53	acres irrigated.....	2,926	.....	2,926	.....
54	To other enterprises.....enterprises reporting..	.....	.....	.....	.....
55	acres irrigated.....	.....	.....	.....	.....
56	For use other than irrigation.....enterprises reporting..	.....	.....	.....	.....
57	acres irrigated.....	.....	.....	.....	.....
<b>Delivered direct to farms for primary irrigation:<sup>2</sup></b>					
58	Enterprises reporting.....enterprises..	5	.....	5	.....
59	Quantity delivered.....acres-foot..	2,926	.....	2,926	.....
60	Area supplied primary irrigation.....acres..	2,658	.....	2,658	.....
61	Quantity supplied per acre.....acres-foot..	1.1	.....	1.1	.....
<b>Delivered direct to farms for supplemental irrigation:<sup>2</sup></b>					
62	Enterprises reporting.....enterprises..	.....	.....	.....	.....
63	Quantity delivered.....acres-foot..	.....	.....	.....	.....
64	Area supplied supplemental irrigation.....acres..	.....	.....	.....	.....
65	Quantity supplied per acre.....acres-foot..	.....	.....	.....	.....
66	Total quantity per irrigated acre <sup>5</sup> .....acres-foot..	1.1	.....	1.1	.....
<b>Cost of water to farms for enterprises reporting quantity delivered, 1949:<sup>2</sup></b>					
67	Cost for primary irrigation.....dollars..	41,400	.....	41,400	.....
68	Average cost per acre-foot.....dollars..	14.15	.....	14.15	.....
69	Cost for supplemental irrigation.....dollars..	.....	.....	.....	.....
70	Average cost per acre-foot.....dollars..	.....	.....	.....	.....
<b>Measurement of water to farms, 1949:<sup>2</sup></b>					
71	No water measured.....enterprises reporting..	13	3	6	4
72	acres irrigated.....	23,654	10,274	3,450	9,930
73	Part of water measured.....enterprises reporting..	.....	.....	.....	.....
74	acres irrigated.....	.....	.....	.....	.....
75	All water measured.....enterprises reporting..	4	1	3	.....
76	acres irrigated.....	2,144	250	1,894	.....

<sup>1</sup>For intercounty and interstate enterprises, number of enterprises represents characteristics of the entire enterprise, number of acres represents acreage within the county or State.  
<sup>2</sup>For intercounty and interstate enterprises, data represent characteristics within the county or State.  
<sup>3</sup>For intercounty and interstate enterprises, data represent characteristics of the entire enterprise.  
<sup>4</sup>Less than 0.5.  
<sup>5</sup>Calculated average quantity of water per acre for total irrigated land, all irrigation enterprises, primary and supplemental irrigation combined.

County Table 3.—ACREAGE IRRIGATED, BY DRAINAGE BASIN ORIGIN OF WATER, AND BY COUNTIES IN WHICH ACREAGE WAS LOCATED: CENSUS OF 1950

[Symbols in parentheses refer to drainage basin symbols on map, "Florida: Location of Irrigated Land, 1949." Tributaries not shown separately are included in the portion of the basin designated "direct"]

Item (For definitions and explanations, see text)	The State	Alachua	Baker	Brevard	Broward	Charlotte	Clay
Irrigated land, 1949.....acres..	362,938	91	14	7,295	30,583	745	1,150
Area irrigated direct, by drainage basin origin of water, 1949: <sup>1</sup>							
All basins.....acres..	367,323	91	14	7,295	34,507	745	1,150
Gulf of Mexico direct (V-A-1b and 1c).....acres..	122,170	91				745	
Atlantic Coast (VIII-1, 2, and 3).....acres..	245,153		14	7,295	34,507		1,150
Item (For definitions and explanations, see text)	Collier	Dade	De Soto	Duval	Flagler	Gadsden	Glades
Irrigated land, 1949.....acres..	835	3,781	5,693	399	1,693	3,200	4,551
Area irrigated direct, by drainage basin origin of water, 1949: <sup>1</sup>							
All basins.....acres..	835	3,781	5,693	399	1,693	3,209	4,551
Gulf of Mexico direct (V-A-1b and 1c).....acres..	835		5,693			3,209	
Atlantic Coast (VIII-1, 2, and 3).....acres..		3,781		399	1,693		4,551
Item (For definitions and explanations, see text)	Hamilton	Hardee	Henry	Hernando	Highlands	Hillsborough	Indian River
Irrigated land, 1949.....acres..	51	5,816	843	1,989	9,368	14,967	21,250
Area irrigated direct, by drainage basin origin of water, 1949: <sup>1</sup>							
All basins.....acres..	51	5,816	843	1,989	9,368	14,967	21,250
Gulf of Mexico direct (V-A-1b and 1c).....acres..	51	5,696	843	1,989		14,962	
Atlantic Coast (VIII-1, 2, and 3).....acres..		120			9,368	5	21,250
Item (For definitions and explanations, see text)	Lake	Lee	Madison	Manatee	Marion	Martin	Nassau
Irrigated land, 1949.....acres..	12,410	8,580	134	12,219	3,110	5,583	19
Area irrigated direct, by drainage basin origin of water, 1949: <sup>1</sup>							
All basins.....acres..	12,414	8,680	134	12,220	3,110	5,658	19
Gulf of Mexico direct (V-A-1b and 1c).....acres..		8,680	134	12,220			
Atlantic Coast (VIII-1, 2, and 3).....acres..	12,414				3,110	5,658	19
Item (For definitions and explanations, see text)	Orange	Osceola	Palm Beach	Pasco	Pinellas	Polk	Putnam
Irrigated land, 1949.....acres..	19,416	1,767	43,480	7,195	7,919	63,999	1,704
Area irrigated direct, by drainage basin origin of water, 1949: <sup>1</sup>							
All basins.....acres..	19,566	1,767	43,480	7,195	7,919	64,097	1,704
Gulf of Mexico direct (V-A-1b and 1c).....acres..				7,195	7,919	43,986	
Atlantic Coast (VIII-1, 2, and 3).....acres..	19,566	1,767	43,480			20,111	1,704
Item (For definitions and explanations, see text)	St. Johns	St. Lucie	Sarasota	Seminole	Sumter	Volusia	All other counties
Irrigated land, 1949.....acres..	6,457	37,701	4,697	4,387	2,849	1,426	3,572
Area irrigated direct, by drainage basin origin of water, 1949: <sup>1</sup>							
All basins.....acres..	6,457	37,701	4,697	4,387	2,873	1,426	3,572
Gulf of Mexico direct (V-A-1b and 1c).....acres..			4,697		2,873		352
Atlantic Coast (VIII-1, 2, and 3).....acres..	6,457	37,701		4,387		1,426	3,220

<sup>1</sup> Acreage irrigated direct by 2 or more irrigation enterprises is counted for each enterprise; acreage supplied a mixture of water from 2 or more basins by a given enterprise is counted for each basin; consequently, the sum of the acreages for a county or a drainage basin may exceed the acreage irrigated direct shown in County Table 2 or Drainage Basin Table 1.

IRRIGATION OF AGRICULTURAL LANDS

Drainage Basin Table 1 (Part 1 of 4).—IRRIGATION ENTERPRISES: NUMBER AND CHARACTERISTICS, BY DRAINAGE BASINS: CENSUSES OF 1950 AND 1940

[Interbasin enterprises are counted in each drainage basin in which they had irrigation works, but only once in State total. For interbasin and interstate enterprises, number of enterprises represents characteristics of the entire enterprise, acreage represents acreage within the drainage basin or State, except where otherwise noted.]

Item (For definitions and explanations, see text)	The State	Gulf of Mexico direct (V-A)			Atlantic Coast (VIII)			
		Total	Tampa Bay and basins north	South of Tampa Bay	Total	North Florida Coast	Middle Florida Coast	South Florida Coast
			(1b)	(1c)		(1)	(2)	(3)
<b>ALL ENTERPRISES</b>								
<b>Farms and land irrigated:</b>								
1 All irrigation enterprises.....enterprises 1950..	5,699	3,526	2,242	1,285	2,181	1,003	767	412
2 ..... 1940..	3,628	(*)	(*)	(*)	(*)	(*)	(*)	(*)
3 Interbasin.....enterprises 1950..	10	9	2	8	9	4	6	.....
4 Farms irrigated direct per enterprise <sup>1</sup> .....farms 1950..	1.1	1.1	1.0	1.1	1.1	1.0	1.2	1.1
5 Irrigated land <sup>2</sup> .....acres 1949..	362,938	121,998	55,460	66,538	240,940	61,365	113,604	65,971
6 ..... 1939..	132,362	47,722	19,587	28,135	84,640	26,748	36,749	21,143
7 Average per enterprise.....acres 1949..	64	35	25	52	110	61	148	160
8 Average acreage irrigated direct per enterprise <sup>1</sup> .....acres 1949..	64	35	25	52	112	61	148	170
<b>Type of enterprise, 1950:</b>								
9 Single-farm.....enterprises..	5,679	3,516	2,240	1,277	2,171	1,002	760	410
10 ..... acres irrigated..	341,338	117,132	55,307	61,825	224,206	61,369	106,029	56,808
<b>Mutual:</b>								
11 Unincorporated.....enterprises..	8	5	2	3	3	1	1	1
12 ..... acres irrigated..	11,829	2,778	( <sup>3</sup> )	2,591	9,051	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
13 Incorporated.....enterprises..	.....	.....	.....	.....	.....	.....	.....	.....
14 ..... acres irrigated..	.....	.....	.....	.....	.....	.....	.....	.....
15 Commercial.....enterprises..	7	4	.....	4	3	.....	3	.....
16 ..... acres irrigated..	3,089	1,717	.....	1,717	1,372	.....	1,372	.....
17 District.....enterprises..	5	1	.....	1	4	.....	3	1
18 ..... acres irrigated..	11,067	( <sup>3</sup> )	.....	( <sup>3</sup> )	10,524	.....	6,324	( <sup>3</sup> )
19 U. S. Bureau of Reclamation.....enterprises..	.....	.....	.....	.....	.....	.....	.....	.....
20 ..... acres irrigated..	.....	.....	.....	.....	.....	.....	.....	.....
21 U. S. Bureau of Indian Affairs.....enterprises..	.....	.....	.....	.....	.....	.....	.....	.....
22 ..... acres irrigated..	.....	.....	.....	.....	.....	.....	.....	.....
23 State.....enterprises..	.....	.....	.....	.....	.....	.....	.....	.....
24 ..... acres irrigated..	.....	.....	.....	.....	.....	.....	.....	.....
25 City.....enterprises..	.....	.....	.....	.....	.....	.....	.....	.....
26 ..... acres irrigated..	.....	.....	.....	.....	.....	.....	.....	.....
<b>Use of surface, ground, pumped and stored water, 1949:</b>								
<b>Surface water:</b>								
27 Gravity only.....enterprises reporting..	1,052	407	232	175	645	234	407	4
28 ..... acres irrigated..	65,357	13,759	6,188	7,571	51,598	8,140	42,639	819
29 Pumped only.....enterprises reporting..	1,126	510	352	159	617	320	168	130
30 ..... acres irrigated..	114,947	21,036	8,910	12,126	93,911	20,465	23,589	49,857
31 Gravity and pumped.....enterprises reporting..	115	22	14	8	93	26	65	2
32 ..... acres irrigated..	34,616	835	367	468	33,781	4,930	24,639	4,212
33 Ground water only (pumped from wells).....enterprises reporting..	2,982	2,346	1,541	805	637	306	75	256
34 ..... acres irrigated..	74,116	52,180	30,569	21,611	21,936	10,761	3,635	7,540
35 Surface (gravity or pumped) and ground water.....enterprises reporting..	424	241	103	138	189	117	52	20
36 ..... acres irrigated..	78,287	34,360	9,460	24,900	43,927	17,223	19,237	7,467
<b>Stored water:</b>								
37 None stored.....enterprises reporting..	5,550	3,394	2,119	1,276	2,163	996	766	402
38 ..... acres irrigated..	357,960	114,381	49,905	64,476	243,579	61,060	113,619	68,900
39 Part stored.....enterprises reporting..	90	45	37	8	15	7	1	7
40 ..... acres irrigated..	7,510	6,152	4,012	2,140	1,358	459	120	779
41 All stored.....enterprises reporting..	90	87	86	1	3	.....	.....	3
42 ..... acres irrigated..	1,853	1,637	1,577	60	216	.....	.....	216
<b>Sources of surface water, 1949:<sup>4</sup></b>								
43 Streams (and lakes).....enterprises reporting..	1,102	576	332	244	534	338	177	20
44 ..... acres irrigated..	127,975	45,235	13,146	32,089	82,740	32,632	43,502	6,606
45 Springs.....enterprises reporting..	71	67	65	2	4	1	3	.....
46 ..... acres irrigated..	1,548	1,375	1,327	48	173	60	113	.....
47 Flowing wells.....enterprises reporting..	1,348	519	290	229	831	345	483	3
48 ..... acres irrigated..	104,112	23,824	10,565	13,259	80,288	22,299	57,893	96
49 Drainage water.....enterprises reporting..	322	48	25	23	274	33	103	138
50 ..... acres irrigated..	98,476	2,861	732	2,129	95,615	6,378	32,925	56,312
51 Sewage.....enterprises reporting..	10	4	4	.....	6	5	.....	1
52 ..... acres irrigated..	170	38	38	.....	132	127	.....	5
53 Other sources.....enterprises reporting..	.....	.....	.....	.....	.....	.....	.....	.....
54 ..... acres irrigated..	.....	.....	.....	.....	.....	.....	.....	.....
<b>Drainage of irrigated land:<sup>5</sup></b>								
<b>Irrigated land drained:</b>								
55 Enterprises reporting.....enterprises 1949..	1,651	886	445	441	767	264	385	118
56 Area supplied primary irrigation.....acres 1949..	175,717	31,916	15,298	16,618	143,801	18,829	76,038	48,934
57 Area artificially drained.....acres 1949..	159,807	28,578	12,988	15,590	131,229	16,286	72,858	42,085
58 ..... acres 1939..	44,348	(*)	(*)	(*)	(*)	(*)	(*)	(*)
<b>Irrigated land in need of drainage:</b>								
59 Enterprises reporting.....enterprises 1949..	387	177	101	76	210	94	31	85
60 Area supplied primary irrigation.....acres 1949..	48,631	4,559	1,787	2,772	44,072	2,372	11,199	30,501
61 Area in need of drainage.....acres 1949..	34,058	3,371	1,275	2,096	30,687	2,046	6,738	21,903
62 ..... acres 1939..	5,373	(*)	(*)	(*)	(*)	(*)	(*)	(*)

\*Not available.

<sup>1</sup>Farms and acreage irrigated direct by 2 or more enterprises are counted for each enterprise.

<sup>2</sup>Acreage irrigated direct by 2 or more enterprises is counted only once. Acreage for 1939 is estimated acreage within revised drainage basin boundaries.

<sup>3</sup>Data for less than 3 enterprises not shown separately.

<sup>4</sup>Enterprises reporting water from more than 1 source are counted for each.

<sup>5</sup>For interbasin and interstate enterprises, data represent characteristics within the drainage basin or State.

Drainage Basin Table 1 (Part 2 of 4).—IRRIGATION ENTERPRISES: NUMBER AND CHARACTERISTICS, BY DRAINAGE BASINS: CENSUSES OF 1950 AND 1940

[Interbasin enterprises are counted in each drainage basin in which they had irrigation works, but only once in State total. For interbasin enterprises, data represent characteristics within the drainage basin or State. Acreage irrigated direct by 2 or more enterprises is counted for each enterprise.]

Item (For definitions and explanations, see text)	The State	Gulf of Mexico direct (V-A)			Atlantic Coast (VIII)				
		Total	Tampa Bay and basins north	South of Tampa Bay	Total	North Florida Coast	Middle Florida Coast	South Florida Coast	
			(1b)	(1c)	(1)	(2)	(3)		
<b>ALL ENTERPRISES</b>									
<b>Irrigation works:</b>									
1	Diversion dams.....enterprises reporting 1950..	154	87	70	17	67	25	20	22
2	dams 1950..	355	114	80	34	241	89	99	53
3	1940..	3	(*)	(*)	(*)	(*)	(*)	(*)	(*)
Diversion dams by material:									
4	Concrete or masonry.....dams 1950..	63	13	3	10	50	18	18	14
5	Timber.....dams 1950..	22	2	.....	2	20	5	1	14
6	Earth and rock.....dams 1950..	199	93	73	20	106	47	53	6
7	Other, mixed, and not reported.....dams 1950..	71	6	4	2	65	19	27	19
8	Reservoirs.....enterprises reporting 1950..	151	132	122	10	19	11	.....	8
9	reservoirs 1950..	180	154	142	12	26	17	.....	9
10	1940..	7	(*)	(*)	(*)	(*)	(*)	(*)	(*)
11	Reservoirs for which capacity was reported.....reservoirs 1950..	168	142	131	11	26	17	.....	9
12	total capacity, acre-feet 1950..	3,343	3,195	2,599	596	148	119	.....	29
13	1940..	19,419	(*)	(*)	(*)	(*)	(*)	(*)	(*)
Reservoirs by capacity:									
14	1-99 acre-feet.....reservoirs 1950..	162	136	126	10	26	17	.....	9
15	100-999 acre-feet.....reservoirs 1950..	5	5	4	1	.....	.....	.....	.....
16	1,000 acre-feet and over.....reservoirs 1950..	1	1	1	.....	.....	.....	.....	.....
Reservoir dams by material:									
17	Concrete or masonry.....dams 1950..	2	1	.....	.....	1	1	.....	.....
18	Earth and rock.....dams 1950..	169	144	135	9	25	16	.....	9
19	Other, mixed, and not reported.....dams 1950..	9	9	6	3	.....	.....	.....	.....
20	Canals and ditches.....enterprises reporting 1950..	213	88	35	53	126	41	32	53
21	total length, miles 1950..	695	201	57	144	493	70	102	321
22	1940..	74	(*)	(*)	(*)	(*)	(*)	(*)	(*)
23	Pipelines and siphons <sup>1</sup> .....enterprises reporting 1950..	580	381	266	115	200	113	67	21
24	total length, miles 1950..	482	250	163	87	232	93	126	13
25	1940..	4,260	(*)	(*)	(*)	(*)	(*)	(*)	(*)
26	Tunnels.....enterprises reporting 1950..	40	.....	.....	.....	40	.....	1	.....
27	total length, feet 1950..	1,336	514	287	227	824	341	480	3
28	Flowing wells.....enterprises reporting 1950..	4,181	1,335	787	548	2,846	1,212	1,588	46
29	wells 1950..	4,631	(*)	(*)	(*)	(*)	(*)	(*)	(*)
30	1940..	.....	.....	.....	.....	.....	.....	.....	.....
31	Pumped wells.....enterprises reporting 1950..	3,422	2,589	1,643	947	838	440	124	275
32	wells 1950..	7,598	5,103	3,024	2,079	2,495	832	263	1,400
33	1940..	1,686	(*)	(*)	(*)	(*)	(*)	(*)	(*)
34	Wells for which pumping lift was reported.....wells 1949..	6,475	4,346	2,572	1,774	2,129	607	152	1,370
35	Average pumping lift.....feet 1949..	23	22	21	24	24	40	26	17
36	1939..	21	(*)	(*)	(*)	(*)	(*)	(*)	(*)
37	Irrigation pumps.....enterprises reporting 1950..	4,647	3,120	2,014	1,107	1,535	769	361	406
38	pumps 1950..	7,616	4,907	2,999	1,908	2,709	1,239	672	778
39	1940..	2,349	(*)	(*)	(*)	(*)	(*)	(*)	(*)
40	Electric motors used for pumping.....enterprises reporting 1950..	940	533	353	181	410	217	75	118
41	electric motors 1950..	1,497	869	555	314	628	310	114	204
42	1940..	347	(*)	(*)	(*)	(*)	(*)	(*)	(*)
43	Other motors and engines used for pumping.....enterprises reporting 1950..	3,929	2,716	1,738	978	1,219	578	301	341
44	other motors and engines 1950..	5,914	3,867	2,304	1,563	2,047	896	539	612
45	1940..	1,974	(*)	(*)	(*)	(*)	(*)	(*)	(*)
<b>Season of irrigation, 1949:</b>									
46	Water delivered only before July 1.....enterprises reporting..	2,339	1,647	851	797	696	347	292	57
47	acres irrigated.....	95,768	42,546	15,067	27,479	53,222	18,118	33,730	1,374
48	Water delivered before and after July 1.....enterprises reporting..	3,054	1,694	1,275	419	595	446	446	324
49	acres irrigated.....	253,111	75,985	38,498	37,487	177,126	38,718	79,453	58,955
50	Water delivered only after July 1.....enterprises reporting..	208	137	95	42	71	26	23	22
51	acres irrigated.....	5,154	2,315	1,314	1,001	2,839	925	556	1,358
<b>Capital investment:</b>									
52	Capital investment in irrigation works and water rights to Jan. 1, 1940.....dollars 1940..	7,055,921	(*)	(*)	(*)	(*)	(*)	(*)	(*)
New capital investment Jan. 1, 1940, to Jan. 1, 1950:									
53	Enterprises reporting.....enterprises 1950..	3,570	2,364	1,426	939	1,214	558	412	245
54	Amount.....dollars 1950..	12,493,218	6,736,410	3,410,834	3,325,576	5,756,808	2,200,491	2,448,645	1,107,672
55	Area irrigated direct.....acres 1949..	244,834	87,885	40,284	47,601	156,949	34,419	73,183	49,347
56	Total capital investment Jan. 1, 1950.....dollars 1950..	19,549,139	(*)	(*)	(*)	(*)	(*)	(*)	(*)
<b>Indebtedness:<sup>2</sup></b>									
Outstanding bonds, construction cost, and other funded obligations, Jan. 1, 1950:									
57	Enterprises reporting.....enterprises 1950..	4	.....	.....	.....	4	.....	3	1
58	Amount.....dollars 1950..	96,800	(*)	(*)	(*)	96,800	(*)	36,800	60,000
59	1940..	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
60	Area irrigated direct.....acres 1949..	10,524	.....	.....	.....	10,524	.....	6,324	4,200
Arrearage in payment of principal or interest on bonds, construction cost, and other funded obligations, Jan. 1, 1950:									
61	Enterprises reporting.....enterprises 1950..	.....	.....	.....	.....	.....	.....	.....	.....
62	Amount.....dollars 1950..	.....	.....	.....	.....	.....	.....	.....	.....
63	Area irrigated direct.....acres 1949..	.....	.....	.....	.....	.....	.....	.....	.....

\* Not available.

<sup>1</sup> Pipelines in farm-distribution systems were included in 1940, not included in 1950.

<sup>2</sup> Not reported in 1940 by enterprises serving less than 5 farms, nor in 1950 by single-farm enterprises.

IRRIGATION OF AGRICULTURAL LANDS

Drainage Basin Table 1 (Part 3 of 4).—IRRIGATION ENTERPRISES: NUMBER AND CHARACTERISTICS, BY DRAINAGE BASINS: CENSUSES OF 1950 AND 1940

[Interbasin enterprises are included in each drainage basin in which they had irrigation works, but only once in State total. For interbasin and interstate enterprises, data represent characteristics within the drainage basin or State, except where otherwise noted. Acreage irrigated direct by 2 or more enterprises is counted for each enterprise.]

Item (For definitions and explanations, see text)	The State	Gulf of Mexico direct (V-A)			Atlantic Coast (VIII)				
		Total	Tampa Bay and basins north (1b)	South of Tampa Bay (1c)	Total	North Florida Coast (1)	Middle Florida Coast (2)	South Florida Coast (3)	
<b>ALL ENTERPRISES</b>									
<b>Cost of water to farms, 1949:<sup>1</sup></b>									
<b>Total cost of water to farms:</b>									
1	Enterprises reporting.....enterprises..	5,653	3,499	2,226	1,274	2,162	988	763	412
2	Cost.....dollars..	1,997,952	1,033,235	483,364	549,871	964,717	247,940	361,932	354,845
3	Area irrigated direct.....acres..	367,323	122,170	55,494	66,676	245,153	61,519	113,739	69,895
4	Cost per acre irrigated direct.....dollars..	5.44	8.46	8.71	8.25	3.94	4.03	3.18	5.08
5	Total cost per irrigated acre.....dollars..	5.50	8.47	8.72	8.26	4.00	4.04	3.19	5.38
6	Total cost per acre-foot of water.....dollars..	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)
<b>Enterprises by cost per acre:</b>									
7	Less than \$1.00.....enterprises reporting..	1,346	552	332	220	795	321	442	32
8	.....acres irrigated..	119,734	22,844	9,927	12,917	96,890	23,627	63,879	9,384
9	\$1.00-\$1.99.....enterprises reporting..	206	103	49	54	104	59	32	14
10	.....acres irrigated..	40,986	16,541	10,449	6,092	24,445	9,428	10,186	4,831
11	\$2.00-\$4.99.....enterprises reporting..	699	378	218	160	322	189	68	65
12	.....acres irrigated..	92,981	23,598	10,266	13,332	69,383	14,448	16,714	38,221
13	\$5.00-\$9.99.....enterprises reporting..	940	630	386	245	314	160	69	85
14	.....acres irrigated..	58,116	26,613	11,556	15,057	31,503	8,092	13,207	10,204
15	\$10.00 and over.....enterprises reporting..	2,462	1,836	1,241	595	627	259	152	216
16	.....acres irrigated..	55,506	32,574	13,296	19,278	22,932	5,924	9,753	7,255
<b>Cost of water for primary irrigation:</b>									
17	Enterprises reporting.....enterprises..	5,645	3,496	2,224	1,273	2,157	987	762	409
18	Cost.....dollars..	1,981,425	1,031,736	483,085	548,651	949,689	247,923	361,932	339,834
19	Area supplied primary irrigation.....acres..	362,938	121,998	55,460	66,538	240,940	61,365	113,604	65,971
20	Cost per acre supplied.....dollars..	5.46	8.46	8.71	8.25	3.94	4.04	3.19	5.15
<b>Cost of water for supplemental irrigation:</b>									
21	Enterprises reporting.....enterprises..	16	9	5	4	7	2	2	3
22	Cost.....dollars..	16,527	1,499	279	1,220	15,028	17	0	15,011
23	Area supplied supplemental irrigation.....acres..	4,385	172	34	138	4,213	154	135	3,924
24	Cost per acre supplied.....dollars..	3.77	8.72	8.21	8.84	3.57	0.11	0.00	3.83
<b>Cost to farms for purposes other than operation and maintenance:<sup>4</sup></b>									
25	Enterprises reporting.....enterprises..	1				1		1	
26	Cost.....dollars..	313				313		313	
27	Area irrigated direct.....acres..	250				250		250	
28	Cost per acre irrigated.....dollars..	1.25				1.25		1.25	
<b>Arrearage in payments by farms, Jan. 1, 1950:<sup>4</sup></b>									
29	Enterprises reporting.....enterprises..	2				2		1	1
30	Amount.....dollars..	3,700				3,700		2,500	1,200
31	Area irrigated direct.....acres..	9,637				9,637		750	8,887
<b>SINGLE-FARM ENTERPRISES, 1950</b>									
32	Single-farm enterprises.....enterprises..	5,679	3,516	2,240	1,277	2,171	1,002	760	410
33	Area irrigated.....acres..	341,338	117,132	55,307	61,825	224,206	61,369	106,029	56,808
34	Complete-system enterprises <sup>5</sup> .....enterprises..	5,604	3,479	2,222	1,258	2,133	984	748	402
35	Area irrigated.....acres..	335,046	115,810	55,271	60,539	219,236	61,202	103,635	54,399
<b>Other farms irrigated:</b>									
36	Enterprises reporting.....number..	240	155	81	74	85	29	45	11
37	Number of other farms.....farms..	425	240	113	127	185	37	134	14
38	Area irrigated in other farms.....acres..	8,783	3,440	1,048	2,392	5,343	627	3,773	943
<b>Enterprises by origin of water supply:<sup>5</sup></b>									
39	No water from other enterprises.....enterprises reporting..	5,653	3,507	2,239	1,269	2,154	1,000	753	402
40	.....acres irrigated..	335,398	116,088	55,299	60,789	219,310	61,270	103,641	54,399
41	Part of water from other enterprises.....enterprises reporting..	8			4	4	1	2	1
42	.....acres irrigated..	308	197		157	151	75	24	52
43	All of water from other enterprises.....enterprises reporting..	18	5	1	4	13	1	5	7
44	.....acres irrigated..	5,632	887	8	879	4,745	24	2,364	2,357
<b>Enterprises by primary and supplemental irrigation:</b>									
45	All primary.....enterprises reporting..	5,620	3,482	2,219	1,264	2,146	986	754	407
46	.....acres irrigated..	336,919	116,799	55,251	61,548	220,120	61,362	105,874	52,884
47	Part primary, part supplemental.....enterprises reporting..	8	6	3	3	2	1	1	
48	.....acres irrigated..	184	161	22	139	23	3	20	
49	Supplemental irrigation.....acres irrigated..	207	143	25	118	64	4	60	
50	All supplemental.....enterprises reporting..	7	3	2	1	4		1	3
51	.....acres irrigated..	4,028	29	9	20	3,999		75	3,924
<b>Enterprises by number of acres irrigated:<sup>5</sup></b>									
52	None.....enterprises reporting..	44	25	16	9	19	15	4	
53	1-9 acres.....enterprises reporting..	2,504	1,878	1,384	494	626	295	157	174
54	10-29 acres.....enterprises reporting..	1,523	911	535	376	612	289	244	79
55	30-59 acres.....enterprises reporting..	669	333	153	180	336	171	124	41
56	60-99 acres.....enterprises reporting..	356	150	63	87	206	100	79	27
57	100-199 acres.....enterprises reporting..	268	110	42	68	158	81	55	22
58	200-499 acres.....enterprises reporting..	203	78	35	43	128	33	54	41
59	500-999 acres.....enterprises reporting..	57	19	7	13	40	10	19	11
60	1,000 acres or more.....enterprises reporting..	55	12	5	7	46	8	24	15

<sup>1</sup>Enterprises with reported cost of \$0 in 1949 are included.

<sup>2</sup>Average cost per irrigated acre divided by calculated average quantity of water per acre. (Drainage Basin Table 1, Part 4, line 66.)

<sup>3</sup>Average not given because number of enterprises reporting quantity of water was not sufficient to provide satisfactory data.

<sup>4</sup>Not reported by single-farm enterprises.

<sup>5</sup>For interbasin and interstate enterprises, number of enterprises represents characteristics of the entire enterprise, number of acres represents acreage within the drainage basin or State.



Drainage Basin Table 1 (Part 4 of 4).—IRRIGATION ENTERPRISES: NUMBER AND CHARACTERISTICS, BY DRAINAGE BASINS: CENSUSES OF 1950 AND 1940

[Interbasin enterprises are counted in each drainage basin in which they had irrigation works, but only once in the State total. Acreage irrigated direct by 2 or more enterprises is counted for each enterprise]

Item (For definitions and explanations, see text)	The State <sup>1</sup>	Gulf of Mexico direct (V-A)		Atlantic Coast (VIII)	
		Total <sup>1</sup>	South of Tampa Bay (1c)	Total <sup>1</sup>	Middle Florida Coast (2)
MULTIPLE-FARM ENTERPRISES, 1950					
1 Multiple-farm enterprises, total number <sup>2</sup> .....enterprises..	20	10	8	10	7
2 Area irrigated direct.....acres..	25,985	5,038	4,851	20,947	7,710
3 Multiple-purpose enterprises <sup>2</sup> .....enterprises..	7	1	1	6	4
4 Area irrigated direct.....acres..	20,304	543	543	19,761	6,674
5 Complete-system enterprises <sup>2</sup> .....enterprises..	12	7	5	5	3
6 Area irrigated direct.....acres..	9,881	4,495	4,308	5,386	1,036
Enterprises by origin of water supply: <sup>2</sup>					
7 No water from other enterprises.....enterprises reporting..	18	10	8	8	6
8 acres irrigated.....acres..	14,031	5,038	4,851	8,993	4,643
9 Part of water from other enterprises.....enterprises reporting..	1			1	
10 acres irrigated.....acres..	8,887			8,887	
11 All water from other enterprises.....enterprises reporting..	1			1	1
12 acres irrigated.....acres..	3,067			3,067	3,067
Enterprises by delivery of irrigation water: <sup>2</sup>					
13 No water delivered.....enterprises reporting..	2	2	2		
14 Water delivered direct to farms only.....enterprises reporting..	12	7	5	5	3
15 acres irrigated.....acres..	9,881	4,495	4,308	5,386	1,036
16 Water delivered to farms and to other enterprises.....enterprises reporting..	6	1	1	5	4
17 acres irrigated.....acres..	16,104	543	543	15,561	6,674
18 Water delivered to other enterprises only.....enterprises reporting..					
Enterprises by primary and supplemental irrigation: <sup>3</sup>					
19 All primary.....enterprises reporting..	17	8	6	9	7
20 acres irrigated.....acres..	25,835	5,038	4,851	20,797	7,710
21 Part primary, part supplemental.....enterprises reporting..					
22 Primary irrigation.....acres irrigated.....					
23 Supplemental irrigation.....acres irrigated.....					
24 All supplemental.....enterprises reporting..	1			1	
25 acres irrigated.....acres..	150			150	
Enterprises by number of farms irrigated direct: <sup>2</sup>					
26 None.....enterprises reporting..	2	2	2		
27 1-3.....enterprises reporting..	7	4	2	5	3
28 4-9.....enterprises reporting..	6	4	2	2	2
29 10-29.....enterprises reporting..	5	2	2	3	2
30 30-99.....enterprises reporting..					
31 100-299.....enterprises reporting..					
32 300-999.....enterprises reporting..					
33 1,000 or more.....enterprises reporting..					
Enterprises by acres irrigated direct: <sup>2</sup>					
34 None.....enterprises reporting..	2	2	2		
35 1-99 acres.....enterprises reporting..	3	2	1	1	1
36 100-999 acres.....enterprises reporting..	9	4	3	5	4
37 1,000-2,999 acres.....enterprises reporting..	2	2	2		
38 3,000-9,999 acres.....enterprises reporting..	4			4	2
39 10,000-29,999 acres.....enterprises reporting..					
40 30,000 acres or more.....enterprises reporting..					
Quantities of water reported, 1949: <sup>4</sup>					
41 Total obtained from all sources.....enterprises reporting..	5	2	2	3	3
42 percent of all enterprises reporting.....	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )
43 Surface sources.....acres-foot..	2,926	2,051	2,051	875	875
44 Pumped wells.....acres-foot..	1,874	1,224	1,224	650	650
45 Other enterprises.....acres-foot..	3	2	2	1	1
46 Conveyance loss <sup>4</sup> .....acres-foot..	1,052	827	827	225	225
47 Delivered: <sup>4</sup>					
48 Direct to farms.....acres-foot..	5	2	2	3	3
49 To other enterprises.....acres-foot..	2,926	2,051	2,051	875	875
50 For use other than irrigation.....acres-foot..					
51 Delivered direct to farms for primary irrigation: <sup>3</sup>					
52 Enterprises reporting.....enterprises..	5	2	2	3	3
53 Quantity delivered.....acres-foot..	2,926	2,051	2,051	875	875
54 Area supplied primary irrigation.....acres..	2,658	1,622	1,622	1,036	1,036
55 Quantity supplied per acre.....acres-foot..	1.1	1.3	1.3	0.8	0.8
56 Delivered direct to farms for supplemental irrigation: <sup>3</sup>					
57 Enterprises reporting.....enterprises..					
58 Quantity delivered.....acres-foot..					
59 Area supplied supplemental irrigation.....acres..					
60 Quantity supplied per acre.....acres-foot..					
61 Total quantity per irrigated acre <sup>6</sup> .....acres-foot..	1.1	1.3	1.3	0.8	0.8
62 Cost of water to farms for enterprises reporting quantity delivered, 1949: <sup>3</sup>					
63 Cost for primary irrigation.....dollars..	41,400	21,166	21,166	20,234	20,234
64 Average cost per acre-foot.....dollars..	14.15	10.32	10.32	23.12	23.12
65 Cost for supplemental irrigation.....dollars..					
66 Average cost per acre-foot.....dollars..					
67 Measurement of water to farms, 1949: <sup>3</sup>					
68 No water measured.....enterprises reporting..	13	5	5	8	5
69 acres irrigated.....acres..	23,654	3,229	3,229	20,425	7,188
70 Part of water measured.....enterprises reporting..					
71 acres irrigated.....acres..					
72 All water measured.....enterprises reporting..	4	2	2	2	2
73 acres irrigated.....acres..	2,144	1,622	1,622	522	522

<sup>1</sup>Data for less than 3 enterprises in basins V-A-lb, VIII-1, and VIII-3 included only in totals. <sup>2</sup>For interbasin and interstate enterprises, number of enterprises represents characteristics of the entire enterprise, number of acres represents acreage within the drainage basin or State. <sup>3</sup>For interbasin and interstate enterprises, data represent characteristics within the drainage basin or State. <sup>4</sup>For interbasin and interstate enterprises, data represent characteristics of the entire enterprise. <sup>5</sup>Less than 0.5. <sup>6</sup>Calculated average quantity of water per acre for total irrigated land, all irrigation enterprises, primary and supplemental irrigation combined.