

CENSUS OF IRRIGATION: 1940

TABLE 9.—AREA RECEIVING ENTIRE WATER SUPPLY FROM WELLS, BY TYPE OF DIVERSION, BY STATES: 1939, 1929, AND 1919
(For the 17 western States and Arkansas and Louisiana)

STATE	TOTAL				WELLS, PUMPED				WELLS, FLOWING				WELLS, PUMPED AND FLOWING			
	1939	1929	1919	Increase or decrease(-) 1929-1939	1939	1929	1919	Increase or decrease(-) 1929-1939	1939	1929	1919	Increase or decrease(-) 1929-1939	1939	1929	1919	Increase or decrease(-) 1929-1939
	Acres	Acres	Acres	Percent	Acres	Acres	Acres	Percent	Acres	Acres	Acres	Percent	Acres	Acres	Acres	Percent
Total (19 States)	2,570,392	2,117,012	1,364,639	21.4	2,508,076	2,051,735	1,263,098	22.2	41,481	48,479	65,856	-14.4	20,835	16,798	35,885	24.0
Arizona	146,496	106,002	41,810	58.2	144,175	104,637	39,894	37.8	1,947	1,107	1,558	75.9	374	258	558	45.0
Arkansas	149,915	142,978	135,260	4.9	149,915	142,978	135,260	4.9	1,636	1,927	17,653	-15.1	5,877	9,761	23,581	-39.8
California	1,519,302	1,464,960	869,060	3.7	1,511,769	1,455,272	826,846	4.0	367.5	6,256	3,786	4,191	65.2	482	85	85
Colorado	63,505	15,929	14,390	298.7	56,771	12,143	10,114	367.5	2,113	1,973	1,151	7.1	414	50	50	
Idaho	8,395	5,569	1,545	50.7	5,868	3,546	414	65.5	2,133	1,973	1,151	7.1	414	50	50	
Kansas	45,058	11,651	13,285	286.7	44,972	11,648	13,255	286.1	26	3	3	786.7	60	60	50	
Louisiana	136,778	175,787	155,575	-22.2	135,192	172,695	154,304	-21.7	1,372	2,896	196	-52.6	214	196	1,075	
Montana	1,542	1,064	351	44.9	844	243	159	247.5	699	821	212	-15.0	---	---	---	
Nebraska	81,034	25,452	546	245.5	80,673	23,452	546	244.0	361	---	---	---	---	---	---	
Nevada	3,409	3,426	1,171	-0.5	588	2,117	295	-75.2	2,604	1,132	811	130.0	237	177	65	
New Mexico	98,818	58,118	52,295	70.0	75,556	30,425	15,709	148.3	11,533	21,838	30,030	-47.2	11,729	5,855	6,556	
North Dakota	47	---	---	---	47	---	---	---	---	---	---	---	---	---	---	
Oklahoma	792	63	125	(1)	792	63	107	(1)	---	---	18	---	---	---	---	
Oregon	8,328	3,891	2,405	114.0	8,173	3,804	1,993	114.9	155	87	72	78.2	---	---	340	
South Dakota	701	528	130	32.8	108	---	---	---	593	528	130	12.3	---	---	---	
Texas	266,864	62,624	44,466	326.1	262,774	60,793	39,483	332.2	2,949	1,851	3,256	61.1	1,141	---	1,727	
Utah	15,938	19,655	12,394	-18.9	8,925	10,283	7,308	-15.2	6,706	8,974	4,908	-25.3	307	398	178	
Washington	19,999	20,995	20,665	-4.7	17,926	19,456	17,504	-7.9	2,073	1,436	1,671	44.4	---	---	1,490	
Wyoming	3,487	320	166	983.4	3,008	180	147	(1)	459	140	19	227.9	---	---	---	

¹ Percent not shown when more than 1,000.

TABLE 10.—AREA RECEIVING ENTIRE WATER SUPPLY FROM MIXED SOURCES, BY TYPE OF DIVERSION, BY STATES: 1939, 1929 AND 1919
(For the 17 western States and Arkansas and Louisiana)

STATE	TOTAL				STREAMS, GRAVITY AND WELLS, PUMPED				STREAMS, GRAVITY AND WELLS, FLOWING				OTHER MIXED			
	1939	1929	1919	Increase or decrease(-) 1929-1939	1939	1929	1919	Increase or decrease(-) 1929-1939	1939	1929	1919	Increase or decrease(-) 1929-1939	1939	1929	1919	Increase or decrease(-) 1929-1939
	Acres	Acres	Acres	Percent	Acres	Acres	Acres	Percent	Acres	Acres	Acres	Percent	Acres	Acres	Acres	Percent
Total (19 States)	1,993,487	2,052,075	1,423,999	-2.9	1,252,329	1,164,349	344,713	7.6	71,571	21,292	82,665	236.1	669,567	866,434	996,621	-22.7
Arizona	383,144	294,608	226,014	30.1	368,375	292,681	217,799	25.9	3,447	40	525	(1)	11,322	1,887	7,690	500.0
Arkansas	4,432	6,750	2,087	-34.3	4,432	6,750	2,087	-34.3	---	---	---	---	3,955	6,750	1,817	-41.4
California	1,008,356	969,640	320,576	4.0	786,466	780,960	87,697	0.7	4,363	2,222	4,255	96.4	217,527	186,458	228,424	
Colorado	88,518	176,195	249,963	-49.8	15,046	8,956	16,258	68.0	39,094	8,700	67,880	349.4	34,378	138,539	165,625	
Idaho	137,904	107,463	56,885	28.3	40,100	72,959	357	-45.0	2,702	1,708	1,927	58.2	95,102	32,796	54,601	
Kansas	5,221	458	1,890	(1)	2,443	405	1,540	503.2	---	---	---	---	2,778	53	350	
Louisiana	19,722	11,695	17,880	68.6	3,775	10,045	---	---	---	---	---	---	15,947	11,695	7,635	
Montana	31,393	79,426	95,293	-60.5	1,496	2,894	155	-44.5	55	---	6,068	---	29,842	76,732	89,070	
Nebraska	10,345	2,329	1,235	344.2	5,019	70	115	(1)	---	---	---	---	5,326	2,152	1,120	
Nevada	99,640	25,686	50,215	287.9	9,837	2,260	4,957	335.3	2,502	2,274	82	10.0	87,301	21,159	45,176	
New Mexico	32,871	20,516	31,813	60.2	2,564	655	1,341	291.5	1	360	685	-99.7	30,306	19,501	29,787	
North Dakota	---	---	65	---	---	---	---	---	---	---	---	---	---	---	65	
Oklahoma	179	40	125	347.5	---	---	---	---	---	---	---	---	179	40	125	
Oregon	50,203	127,324	111,442	-60.6	4,416	994	105	344.3	6,585	2,328	200	182.9	39,202	124,002	111,137	
South Dakota	799	160	4,384	399.4	---	---	---	---	910	160	20	143.7	409	---	3,864	
Texas	30,329	20,097	24,669	50.9	1,956	850	454	130.1	395	---	45	---	27,458	19,247	24,170	
Utah	48,051	154,191	174,157	-68.8	8,271	20	125	(1)	10,017	3,500	537	186.2	29,763	150,671	173,495	
Washington	18,605	16,863	21,883	10.3	916	708	2,415	29.4	20	---	441	---	17,669	16,155	19,027	
Wyoming	23,755	38,634	33,443	-38.5	1,170	137	400	754.0	1,480	---	---	---	21,105	38,497	33,043	

¹ Percent not shown when more than 1,000.

TABLE 11.—AREA RECEIVING ENTIRE WATER SUPPLY FROM MISCELLANEOUS SOURCES, 1939, 1929, AND 1919; AND AREA RECEIVING SUPPLEMENTAL WATER FROM STREAMS, STORAGE, AND WELLS, 1939 AND 1929; BY STATES
(For the 17 western States and Arkansas and Louisiana)

STATE	TOTAL				SPRINGS				ALL OTHER				SUPPLEMENTAL SOURCES (STREAMS, STORAGE, AND WELLS) ²	
	1939	1929	1919	Increase or decrease(-) 1929-1939	1939	1929	1919	Increase or decrease(-) 1929-1939	1939	1929	1919	Increase or decrease(-) 1929-1939	1939	1929
	Acres	Acres	Acres	Percent	Acres	Acres	Acres	Percent	Acres	Acres	Acres	Percent	Acres	Acres
Total (19 States)	384,977	426,408	449,913	-9.7	210,373	217,246	198,008	-3.2	174,604	209,162	251,905	-16.5	3,287,210	318,045
Arizona	3,879	4,183	3,288	-7.3	3,061	3,056	2,578	0.2	818	1,127	710	-27.4	73,806	1,725
Arkansas	294	557	490	-47.2	---	---	---	---	294	557	490	-47.2	341	---
California	78,801	57,320	110,008	37.1	28,536	23,999	27,698	18.9	50,065	33,321	82,310	50.2	455,342	289,589
Colorado	29,461	31,936	33,068	-7.7	12,826	10,608	10,856	20.9	16,635	21,330	22,212	-22.0	628,015	1,870
Idaho	33,701	39,202	46,366	-14.0	20,819	24,233	33,337	-14.1	12,882	14,969	13,029	-13.9	910,002	9,047
Kansas	507	2,769	---	-81.7	263	155	---	89.7	244	---	---	---	13,866	1,050
Louisiana	41,081	4,418	10,275	829.9	---	---	---	---	41,081	4,418	10,275	829.9	2,579	260
Montana	20,976	26,671	35,258	-21.4	10,215	10,947	14,945	-6.7	10,761	15,724	20,313	-31.6	168,863	---
Nebraska	7,511	3,183	3,377	136.0	2,113	414	2,050	410.4	5,398	2,769	1,327	94.9	171,633	---
Nevada	55,219	62,300	39,882	-11.4	54,945	61,987	21,987	-11.4	274	313	17,895	-12.5	84,722	---
New Mexico	4,650	11,444	19,901	-59.4	3,136	5,595	10,791	-45.9	1,514	5,849	9,110	-74.1	5,123	20
North Dakota	156	1,139	508	-86.1	49	8	---	---	512.5	87	1,131	508	---	---
Oklahoma	595	795	9	-50.3	21	6	6	---	520.0	374	790	5	---	---
Oregon	27,196	27,929	21,132	-2.6	15,274	6,973	9,584	119.0	11,922	20,956	11,548	-43.1	104,970	8,499
South Dakota	1,617	503	2,808	221.5	737	25	328	(2)	880	478	2,482	84.1	---	---
Texas	19,353	17,050	21,115	13.5	9,715	9,328	8,686	4.1	9,838	7,722	12,429	24.8	66,809	254
Utah	40,518	109,702	68,970	-63.1	35,898	49,593	41,310	-27.6	4,620	60,109	27,880	-92.3	322,994	972
Washington	11,021	11,358	16,206	-3.0	5,752	4,033	7,889	42.6	5,268	7,325	8,337	-28.1	184,664	4,759
Wyoming	8,861	13,949	17,252	-36.5	7,011	6,289	5,985	11.5	1,850	7,680	11,267	-75.8	---	---

¹ Data for 1939 includes streams pumped; wells, pumped or flowing; streams, gravity or storage. Data for 1929 do not include streams, gravity or storage.
² Percent not shown when more than 1,000.