

SPECIFIED IRRIGATION CENSUS STATISTICS

TABLE 1.—PRECIPITATION AND DEPARTURES FROM NORMAL: 1889, 1899, 1902, 1909, 1919, 1929, 1934, AND 1939  
(For the 17 western States, Arkansas, Louisiana, and Florida. See charts I to VIII)

STATE	Normal for period	PRECIPITATION																Percent of normal
		1889		1899		1902		1909		1919		1929		1934		1939		
		Amount	Depart. <sup>1</sup>	Amount	Depart. <sup>1</sup>	Amount	Depart. <sup>1</sup>	Amount	Depart. <sup>1</sup>	Amount	Depart. <sup>1</sup>	Amount	Depart. <sup>1</sup>	Amount	Depart. <sup>1</sup>	Amount	Depart. <sup>1</sup>	
Arizona	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	95
Arkansas	13.89	15.29	-0.60	8.61	-5.28	10.25	-3.66	14.48	+0.59	20.70	+6.81	11.29	-2.60	10.47	-3.42	12.88	-1.01	104
California	48.25	45.61	-2.64	41.49	-6.76	51.70	+3.45	44.05	-4.20	54.52	+6.27	46.10	-2.15	42.47	-5.78	50.16	+1.91	87
Colorado	23.72	35.25	+9.53	22.47	-1.25	24.22	+0.50	42.13	+18.41	21.29	-2.45	15.00	-8.72	18.01	-5.71	15.80	-7.92	65
Idaho	16.38	15.73	-2.65	14.67	-1.71	15.88	-2.50	20.96	+4.58	17.14	+0.76	18.16	+1.78	10.89	-5.49	10.68	-5.70	76
Idaho	17.96	14.76	-3.20	18.96	+1.00	16.96	-1.00	22.85	+4.87	15.97	-1.89	15.94	-4.02	16.10	-1.86	15.75	-4.23	76
Kansas	26.43	29.44	+3.01	26.26	-0.17	34.42	+7.99	31.15	+4.72	25.65	-0.78	27.96	+1.53	20.02	-6.41	20.06	-6.55	75
Louisiana	55.45	41.21	-14.24	42.19	-15.26	46.89	-6.56	55.25	-2.20	69.25	+13.78	63.65	+8.20	59.23	+3.78	51.51	-3.94	93
Montana	15.23	8.94	-6.29	15.74	+0.51	15.12	-0.11	19.72	+4.49	10.88	-4.35	13.08	-2.15	11.87	-3.52	12.83	-2.40	84
Nebraska	22.56	22.29	-0.27	19.55	-3.01	29.47	+6.91	24.64	+2.08	25.09	+2.53	22.74	+0.18	14.31	-8.25	16.28	-6.28	72
Nevada	9.22	12.41	+3.19	9.12	-0.10	7.25	-1.97	11.05	+1.81	7.06	-2.14	5.83	-3.59	7.12	-2.10	8.48	-0.74	92
New Mexico	14.43	10.97	-3.46	10.98	-3.45	9.97	-4.46	12.85	-1.60	20.95	+6.52	16.48	+2.05	10.08	-4.35	13.22	-1.21	92
North Dakota	16.87	11.54	-5.33	17.62	+0.75	19.55	+2.48	18.10	+1.23	15.59	-1.28	14.51	-2.56	9.51	-7.56	14.15	-2.72	84
Oklahoma	32.27	31.01	-1.26	36.07	+3.80	40.54	+8.27	27.01	-5.26	34.41	+2.14	35.39	+3.12	27.46	-4.81	26.71	-5.56	83
Oregon	26.10	29.79	+3.69	31.06	+4.96	29.88	+3.78	32.85	+6.75	26.21	+0.11	19.33	-6.77	25.87	-0.23	20.77	-5.33	80
Eastern Division	15.81	16.60	+2.79	15.23	+1.42	12.60	-1.21	17.00	+3.19	12.41	-1.40	11.58	-2.23	14.07	+0.26	10.50	-3.51	76
Western Division	55.83	30.38	-25.45	66.70	+12.87	68.76	+14.93	69.31	+15.48	57.28	+5.45	38.66	-15.17	53.55	-0.50	43.90	-9.95	82
South Dakota	18.87	18.34	-0.53	18.84	-0.03	19.54	+0.67	22.74	+3.87	19.64	+0.77	20.65	+1.76	12.58	-6.29	15.71	-3.16	85
Texas	50.63	50.06	-0.57	28.70	-1.93	33.92	+3.29	23.45	-7.18	45.64	+15.01	31.17	+0.54	26.78	-3.85	24.69	-5.94	81
Utah	12.95	12.67	-0.28	11.83	-1.12	9.17	-3.78	19.31	+6.36	11.83	-1.12	13.60	+0.65	9.52	-3.43	11.49	-1.46	89
Washington	34.75	31.83	-2.92	45.07	+10.32	40.24	+5.49	35.87	+1.12	31.00	-3.75	23.74	-11.01	38.27	+3.52	32.00	-2.75	92
Eastern Division	16.70	13.62	-3.08	18.97	+2.27	17.69	+0.99	17.40	+0.70	18.22	+1.52	10.19	-6.51	17.15	+0.43	12.63	-3.87	77
Western Division	57.33	56.02	-1.31	67.87	+10.54	62.98	+5.65	58.75	+1.42	52.08	-5.25	44.01	-13.32	69.97	+12.64	59.74	+2.41	104
Wyoming	14.01	12.93	-1.08	13.58	-0.43	9.81	-4.20	16.33	+2.32	10.46	-3.55	15.06	+1.05	10.88	-3.13	10.27	-3.74	75
Florida	52.73	50.69	-2.04	52.65	-0.08	51.33	-1.40	48.37	-4.36	57.50	+4.77	59.19	+6.46	52.94	+0.21	54.54	+1.81	103

<sup>1</sup>Departure from normal.

TABLE 2.—MONTHLY AND ANNUAL PRECIPITATION WITH ANNUAL DEPARTURE FOR CALENDAR YEARS, 1938 AND 1939; AND MONTHLY AND TOTAL PRECIPITATION WITH DEPARTURE FOR PERIOD FOR WATER YEAR, OCTOBER 1938 THROUGH SEPTEMBER 1939  
(For the 17 western States, Arkansas, Louisiana, and Florida. See charts I to VIII)

STATE	PRECIPITATION																					
	Water Year																					
	1938						1939															
	Jan.-Mar.	Apr.-June	July-Sept.	Oct.	Nov.	Dec.	Annual		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Water Year		Annual		
Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	
Arizona	4.58	1.29	4.56	0.10	0.07	2.20	12.80	-1.09	1.12	1.20	0.66	0.56	0.04	0.04	1.16	2.36	5.79	15.50	-0.59	1.95	12.88	-1.01
Arkansas	18.59	12.99	7.55	0.94	5.26	2.95	48.25	0.00	6.21	8.56	3.71	7.13	4.85	4.50	3.34	2.53	1.77	51.75	+3.48	7.56	50.16	+1.91
California	21.51	2.59	0.60	1.61	1.17	2.78	30.06	+6.34	3.23	2.25	2.90	0.52	0.97	0.12	0.08	0.07	1.70	17.40	-6.32	3.96	15.80	-7.92
Colorado	3.98	6.23	6.45	0.87	0.93	0.89	19.55	+2.97	1.30	1.09	1.14	0.91	1.05	0.82	0.90	1.06	1.10	12.06	-4.32	1.51	10.68	-5.70
Idaho	7.02	4.40	2.19	2.88	1.91	1.46	19.56	+1.60	1.69	2.01	1.29	0.68	0.81	1.29	0.69	0.16	0.97	15.54	-2.42	4.14	15.73	-4.25
Kansas	3.67	14.05	7.62	0.33	1.40	0.20	27.27	+0.84	0.78	1.22	1.72	1.96	2.55	4.59	1.40	3.50	0.32	19.77	-6.66	2.24	20.06	-6.55
Louisiana	11.99	14.16	15.23	1.32	4.03	3.53	50.26	-5.19	5.62	5.69	2.89	2.40	6.72	4.42	5.97	4.86	3.23	50.68	-4.77	9.71	51.51	-3.94
Montana	2.54	6.98	3.88	1.75	0.89	0.56	16.60	+1.37	0.70	0.81	0.70	0.78	1.89	3.52	0.68	0.62	0.94	15.86	-1.37	2.17	12.83	-2.40
Nebraska	2.41	10.65	8.09	0.18	0.72	0.18	22.23	-0.33	0.70	0.87	1.21	1.40	2.53	3.84	1.83	2.04	0.44	15.94	-6.62	1.42	16.28	-6.28
Nevada	4.67	3.52	1.34	1.52	0.52	0.42	11.79	+2.57	0.96	0.78	0.95	0.79	0.73	0.19	0.60	0.34	1.54	8.94	-0.28	1.80	6.48	-0.74
New Mexico	2.38	3.48	6.63	1.10	0.27	0.76	14.62	+0.19	1.39	0.61	0.76	0.88	0.72	0.84	2.45	1.76	1.83	13.17	-1.26	2.18	15.22	-1.21
North Dakota	1.75	6.37	5.47	0.55	0.87	0.52	15.33	-1.54	0.47	0.63	0.39	0.87	1.55	4.59	1.81	2.10	0.68	14.85	-2.04	1.06	14.15	-2.72
Oklahoma	10.15	13.20	6.51	0.52	2.21	0.62	33.21	+0.94	2.79	1.67	1.62	2.44	3.76	5.35	1.65	2.66	0.33	25.82	-6.45	4.24	26.71	-5.56
Oregon	15.53	3.60	1.49	2.06	3.35	2.48	26.51	+0.21	2.90	3.53	2.23	0.44	1.07	1.05	0.49	0.35	0.64	20.59	-5.51	8.07	20.77	-5.53
Eastern Div.	6.70	2.87	1.30	1.29	1.71	1.02	14.89	+1.06	1.09	1.68	1.22	0.22	0.76	0.61	0.35	0.12	0.55	10.62	-3.19	3.90	10.50	-3.51
Western Div.	28.05	5.25	1.93	3.80	7.04	5.76	51.83	-2.00	6.97	7.70	4.51	0.93	1.75	2.05	0.79	0.88	0.86	43.02	-10.81	17.46	43.90	-9.95
South Dakota	2.55	8.67	5.49	0.16	0.57	0.76	17.50	-1.37	0.95	0.69	0.55	1.03	2.52	4.15	1.85	1.92	1.02	15.27	-3.60	1.45	15.71	-3.16
Texas	7.12	9.65	6.52	0.87	1.50	1.72	27.18	-3.45	3.10	1.86	1.04	1.47	3.16	3.05	2.60	2.21	1.12	23.70	-6.95	5.08	24.69	-5.94
Utah	5.24	3.60	2.52	1.70	1.16	0.97	15.19	+2.24	1.37	1.29	0.94	0.78	0.86	0.65	0.54	0.66	2.61	13.53	+0.58	1.79	11.49	-1.46
Washington	11.40	4.23	1.54	3.55	4.01	4.54	29.27	-5.48	5.79	4.44	2.45	0.91	1.52	1.64	0.84	0.43	0.80	30.95	-3.79	13.14	32.00	-2.75
Eastern Div.	6.50	2.07	0.91	1.64	1.70	1.17	15.79	-2.91	1.97	1.99	1.12	0.43	0.60	0.85	0.18	0.13	0.54	12.12	-4.58	5.22	12.83	-3.87
Western Div.	19.05	7.52	2.68	6.40	7.46	9.59	52.70	-4.63	11.51	8.12	4.45	1.64	2.90	2.85	1.84	0.87	1.59	59.20	+1.87	23.99	59.74	+2.41
Wyoming	2.61	5.75	4.04	1.17	1.01	0.68	15.26	+1.25	0.78	0.85	0.68	0.96	1.57	1.70	0.81	0.78	0.92	11.91	-2.10	1.22	10.27	-3.74
Florida	5.28	12.14	18.10	4.70	1.60	1.35	43.17	-9.56	1.62	2.25	1.54	4.32	5.01	9.13	7.59	10.78	5.79	55.68	+2.95	6.51	54.54	+1.81

<sup>1</sup>Departure from normal.