

**TECHNICAL REPORT 32**

**New Mexico State Engineer**  
**Santa Fe, N. Mex.**

**CONSUMPTIVE USE AND WATER REQUIREMENTS**  
**in New Mexico**

BY  
HARRY F. BLANEY AND ELDON G. HANSON

**Exhibit 9**  
**01cv00072-MV-WPL**  
**Subfile ZRB-2-0098**

Prepared in cooperation with the Soil and Water Conservation Research Division, Agricultural Research Service and the Soil Conservation Service, U.S. Department of Agriculture; the Agricultural Experiment Station and Cooperative Extension Service, New Mexico State University; the Bureau of Reclamation, U.S. Department of the Interior; and the New Mexico Interstate Stream Commission.

TABLE 25

Average Class A Land Pan Evaporation, in Inches, at Several Weather Stations in New Mexico,  
for the Indicated Period of Record

Name of station	Index no.	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual total
Alamogordo Dam 1939-1962	0205	3.73	4.91	8.46	10.71	13.32	14.86	13.95	12.42	10.55	7.40	4.78	3.81	108.90
Bitter Lakes W. R. 1951-1962	0992	2.70	4.27	7.20	9.94	12.36	13.67	12.30	11.20	9.01	5.83	3.43	2.68	94.59
Bosque del Apache 1947-1962	1138	3.21	4.42	8.18	10.49	12.80	13.79	12.08	11.02	8.68	6.40	3.80	2.74	97.61
Caballo Dam 1942-1962	1286	3.65	5.42	9.34	12.34	15.28	16.80	13.96	12.29	10.36	7.56	4.83	3.22	115.05
Clovis 13N 1951-1962	1963	4.08	4.57	7.52	9.95	11.85	13.74	13.31	11.54	9.76	6.71	4.57	3.84	101.44
Conchas Dam 1936-1962	2030	3.09	4.11	7.53	9.53	11.41	13.19	12.49	11.43	9.55	6.89	4.35	2.90	96.47
Eagle Nest 1935-1962	2700	-	-	-	5.63	7.02	8.26	7.43	6.32	5.71	5.41	-	-	-
El Vado 1936-1962	2837	-	-	-	5.74	7.78	9.73	8.97	7.55	6.39	4.57	2.20	-	-
Elephant Butte Dam 1934-1962	2848	3.49	5.30	8.95	12.58	15.80	17.41	14.75	12.94	10.66	8.17	5.13	3.42	118.60
Farmington 3NE 1948-1962	3134	-	-	4.15	7.29	9.11	10.50	10.05	8.80	6.55	4.20	1.91	0.74	-
Florida 1939-1962	3225	3.05	4.15	7.00	10.09	11.97	13.42	11.15	9.52	8.28	5.97	3.84	2.62	90.88
Jemez Dam 1954-1962	4336	-	-	-	9.76	12.70	14.98	13.97	12.10	10.34	7.12	4.03	-	-
Jornada Exp. Range 1939-1962	4426	2.61	4.28	7.27	10.09	12.72	13.66	11.85	10.68	8.45	5.97	3.54	2.42	93.54
Lake Avalon 1951-1962	4736	4.20	5.76	9.23	11.77	14.05	14.62	13.10	12.40	9.72	7.00	4.51	3.83	110.19
Narrows 1947-1962	6043	2.99	4.68	7.72	11.09	13.67	15.26	13.59	11.81	10.18	7.52	4.36	2.84	105.71
Portales 7WNW 1934-1962	7008	3.05	4.29	7.73	9.33	10.92	12.56	11.74	10.49	8.48	6.22	4.36	3.15	92.32
Santa Fe 1948-1962	8072	-	-	-	8.17	9.62	10.94	10.29	8.79	7.90	5.47	3.18	-	-
State University 1918-1962	8535	2.94	4.39	7.61	10.01	12.20	13.20	11.96	10.33	8.37	6.10	3.78	2.64	93.53
Tucumcari 3NE 1953-1962	9156	-	-	-	11.26	13.69	15.39	14.31	12.22	10.43	-	-	-	-