

Landscape Irrigation Requirements in New Mexico, page 1

Landscape irrigation water requirements in a normal weather year (1951-80), in gallons per square foot per year, for flood and sprinkler irrigation assuming an application efficiency of 50%, and drip irrigation assuming an efficiency of 85%, in selected locations in New Mexico. (Prepared by Brian C. Wilson, P.E., and Anthony Lucero, 1995)								
		Flood or Sprinkler Irrigation					Drip Irrigation	
County	Locale	KYBL	BERM	BUFF	TREE	HORT	TREE	HORT
Bernalillo	Albuquerque	50.13	37.45	26.42	28.17	26.59	16.57	15.64
Bernalillo	Corrales and Rio Rancho	45.42	34.53	24.30	25.68	22.30	15.11	13.12
Bernalillo	Los Ranchos	44.21	33.56	23.79	25.16	22.40	14.80	13.18
Catron	Reserve	45.63	36.05	24.47	26.39	16.92	15.52	9.95
Chaves	Roswell	54.17	40.79	28.36	29.94	25.74	17.61	15.14
Cibola	Grants and Milan	32.38	24.46	16.43	17.00	13.86	10.00	8.15
Colfax	Cimarron	29.10	20.11	11.76	12.95	11.99	7.62	7.05
Colfax	Raton	28.82	19.60	11.24	12.55	11.94	7.38	7.03
Colfax	Springer	30.59	21.51	12.83	13.98	12.63	8.22	7.43
Curry	Clovis	40.63	28.32	17.32	19.00	17.30	11.18	10.18
De Baca	Fort Sumner	45.38	33.04	21.74	23.20	20.63	13.65	12.14
Dona Ana	Hatch	51.44	38.88	27.14	28.54	24.56	16.79	14.45
Dona Ana	Las Cruces and Mesilla Park	55.98	42.52	30.12	31.63	27.88	18.60	16.40
Eddy	Artesia	52.19	38.81	26.60	28.31	25.00	16.65	14.70
Eddy	Carlsbad	55.74	41.05	27.70	29.55	26.18	17.38	15.40

Key: KYBL=Kentucky bluegrass; BERM=Bermuda grass; BUFF=Buffalo grass; TREE=Trees and shrubs; HORT=Horticultural plants, e.g., herb and vegetable gardens.

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		Flood or Sprinkler Irrigation					Drip Irrigation	
County	Locale	KYBL	BERM	BUFF	TREE	HORT	TREE	HORT
Eddy	Loving	56.39	42.10	29.01	30.24	26.95	17.79	15.85
Grant	Bayard and Central	37.95	27.39	17.64	18.84	16.16	11.08	9.50
Grant	Silver City	38.42	27.70	17.84	19.49	17.07	11.46	10.04
Guadalupe	Santa Rosa	44.61	32.51	21.26	22.65	19.77	13.32	11.63
Harding	Mosquero	33.45	22.86	13.38	14.86	13.64	8.74	8.02
Hidalgo	Lordsburg	53.68	40.53	28.31	29.93	26.27	17.61	15.45
Lea	Hobbs	48.93	34.92	22.48	24.06	22.10	14.15	13.00
Lincoln	Carrizozo	41.45	30.46	20.22	21.68	18.86	12.75	11.10
Lincoln	Ruidoso	17.95	12.27	5.65	5.82	3.94	3.42	2.32
Los Alamos	Los Alamos	28.76	19.37	11.12	12.44	12.06	7.32	7.09
Luna	Deming	53.42	40.59	28.60	30.06	26.22	17.68	15.42
McKinley	Gallup	33.40	25.47	17.59	18.23	15.72	10.72	9.25
Mora	Wagon Mound	26.62	17.80	9.72	11.06	10.66	6.50	6.27
Otero	Alamogordo	55.07	40.93	28.14	29.96	27.14	17.62	15.96

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		Flood or Sprinkler Irrigation					Drip Irrigation	
County	Locale	KYBL	BERM	BUFF	TREE	HORT	TREE	HORT
Otero	Cloudcroft	16.71	9.84	4.19	4.08	3.55	2.40	2.09
Otero	Tularosa	56.03	42.14	29.46	31.05	28.09	18.27	16.52
Quay	Tucumcari	45.72	32.92	21.27	22.89	20.53	13.46	12.08
Rio Arriba	Chama	20.50	14.70	8.81	9.37	8.35	5.51	4.91
Rio Arriba	Espanola	37.99	28.60	19.70	20.74	18.28	12.20	10.75
Roosevelt	Portales	42.29	30.31	19.12	20.56	17.64	12.09	10.38
Sandoval	Bernalillo	43.32	32.71	22.81	24.17	21.38	14.22	12.58
San Juan	Aztec	39.00	29.93	21.16	22.14	19.68	13.02	11.58
San Juan	Bloomfield	44.48	33.49	23.69	25.11	23.65	14.77	13.91
San Juan	Farmington	39.92	30.68	21.82	22.75	20.13	13.38	11.84
San Miguel	Las Vegas	28.12	19.30	11.17	12.22	11.23	7.19	6.61
Santa Fe	Santa Fe	32.70	23.36	14.91	16.13	15.11	9.49	8.89
Sierra	Truth or Consequences	55.48	41.38	29.01	30.58	28.44	17.99	16.73
Socorro	Socorro	48.36	36.39	25.48	26.80	24.05	15.77	14.15

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		Flood or Sprinkler Irrigation					Drip Irrigation	
County	Locale	KYBL	BERM	BUFF	TREE	HORT	TREE	HORT
Taos	Questa	27.02	19.86	12.95	13.66	12.27	8.04	7.22
Taos	Red River	11.57	8.07	3.73	4.24	3.18	2.49	1.87
Taos	Taos	30.09	22.22	14.64	15.58	14.03	9.17	8.25
Torrance	Estancia	32.46	24.24	16.01	16.68	14.12	9.81	8.31
Union	Clayton	32.85	23.49	14.45	15.78	13.76	9.28	8.10
Union	Des Moines	27.34	18.49	10.21	11.51	10.71	6.77	6.30
Valencia	Belen	48.17	36.50	25.84	27.30	24.46	16.06	14.39
Valencia	Los Lunas	44.63	33.87	23.84	25.02	22.07	14.72	12.98

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