Table 1 Compilation of Diffuse Recharge Analyses in Areas of Low Precipitation

Site	Mean annual precipitation (mm/year)	Potential evapotranspiration (mm/year)	Soil	Recharge (mm/year)	Ref.
1. Socorro, NM	190	1780	Sandy alluvium	4.0–9.0	Stephens et al. (1991)
2. Socorro, NM	190	1780	Sandy alluvium	7.0–37	Stephens and Knowlton (1986)
3. Socorro, NM	190	1780	Sandy loam	2–2.6	Phillips et al. (1988)
4. Sunland Park, NM	200	1780	Medium sandy alluvium	0.05–1.9	DBS&A (1994)
5. Las Cruces, NM	230	1780	Sandy loam	1.5–9.5	Phillips et al. (1988)
6. Hudspeth County, TX	280	1960	Gravel/clay loam	0.01–1	Scanlon et al. (1991)
7. Curry County, NM	444	1156	Clayey and very fine sand (playa)	2.8	Stone (1986)
8. Curry County, NM	444	1156	Fine to very fine sand (pasture)	0.2	Stone (1986)
9. Curry County, NM	444	1156	Fine sand and caliche (dunes)	1.2	Stone (1986)
10. Hanford, WA	160	1400	Loamy sand, sand	0–100	Gee et al. (1989)
11. Beatty, NV	74	1900	Sand and gravel	0.036	Nichols (1987)
12. South Australia	300	No report	Dune sand	14	Allison et al. (1985)
13. Saudi Arabia	70	2400	Dune sand	20	Dincer et al. (1974)
14. Eastern Botswana	447	1220	Sand, sandstone	0.5–6	Carlsson et al. (1989)
15. Southern Cyprus	390	1450	Fine sand	10–94	Kitching et al. (1980)
16. Central Sudan	225	No report	Sandstone	0.2–1.3	Darling et al. (1992)
17. Northeast Sudan	220	No report	Sandstone	<1	Darling et al. (1992)

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VADOSE ZONE HYDROLOGY

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