

AESR 4.1: The region is hyper arid ESR with shallow and deep sandy desert soils very low AWC and LGP < 60 days in a year.

Districts	<i>Land degradation</i>	<i>Soil health & fertility</i>	<i>Water related constraints</i>	<i>Environmental constraints</i>
Alwar	Exclusively water erosion & Ravine	Low in OC, Soil deficient in N & B	Saline, GW Contaminated with F, NO ₃ & Fe	-
Bharatpur	Exclusively water erosion & Ravine	Low in OC, Soil deficient in N, P, Zn & B	Saline, GW Contaminated with F, NO ₃ & Fe	-
Dholpur	Exclusively water erosion & Ravine	Low in OC, Soil deficient in N & P	Saline, GW Contaminated with F, NO ₃ & Fe	-
Jaipur	Ravine	Low in OC, Soil deficient in N, Fe & B	Saline, GW Contaminated with F, NO ₃ & Fe	Severe Drought

AESR 4.2: The region is hyper hot dry semiarid ESR with deep loamy Gray Brown and alluvium-derived soils, medium AWC and LGP 90-120 days in a year.

Districts	<i>Land degradation</i>	<i>Soil health & fertility</i>	<i>Water related constraints</i>	<i>Environmental constraints</i>
Ajmer	Ravine	Low in OC, Soil deficient in N, B & S	Saline, GW Contaminated with F, NO ₃ & Fe	Extreme Drought
Bhilwara	Exclusively water erosion & Ravine	Low in OC, Soil deficient in Zn & Fe	Saline, GW Contaminated with F, NO ₃ & Fe	Severe Drought
Bundi	Exclusively water erosion & Ravine	Low in OC & Soil deficient in N	Saline, GW Contaminated with F, NO ₃ & Fe	-
Chittaurgarh	Exclusively wind erosion	Low in OC	Saline, GW Contaminated with F, NO ₃ & Fe	Severe Drought
Dausa	-	Low in OC, Soil deficient in N, P, Zn & Fe	Saline, GW Contaminated with F, NO ₃ & Fe	-
Dungarpur	Exclusively water erosion & Ravine	Low in OC, Soil deficient in N, P, B & S	GW Contaminated with F, NO ₃ & Fe	Extreme Drought
Jaipur	Ravine	Low in OC, Soil deficient in N, Fe	GW Contaminated with F, NO ₃ & Fe	Severe Drought

		& B		
Karauli	Exclusively water erosion & Ravine	Low in OC & Soil deficient in N	Saline, GW Contaminated with F, NO ₃ & Fe	-
Rajsmad	Exclusively wind erosion	Low in OC, Soil deficient in N & Fe	Saline, GW Contaminated with F, NO ₃ & Fe	-
Swaimadhopur	Exclusively water erosion & Ravine	Low in OC, Soil deficient in N, P & Zn	GW Contaminated with F, NO ₃ & Fe	-
Tonk	Exclusively water erosion & Ravine	Low in OC, Soil deficient in N, Zn, Fe, B & S	Saline, GW Contaminated with F, NO ₃ & Fe	Moderate Drought
Udaipur	Exclusively wind erosion	Soil deficient in N & B	Saline, GW Contaminated with F, NO ₃ & Fe	Severe Drought