

Luneri Dam

Location	24.6314° N, 73.0098° E
State	Rajasthan
Nearest City	Pindwara
Year of Completion	1976
Operated and Maintained by	Rajasthan Water Resources Department
River Basin	Sabarmati
River	Local Nala
Dam Type	Earthfill Embankment
Height above lowest foundation level	11.4 m
Dam length	1493.0 m
Reservoir Area	291000.0 m ²
Gross storage capacity	2440000.0 m ³
Effective storage capacity	2286000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	114.7 km ²
Perimeter of catchment	58.1 km
Basin Length	18393.0 m
Form factor	0.33895
Circularity ratio	0.42741
Elongation ratio	0.65672
Highest Stream order	7
Max elevation	873.0 m
Min elevation	334.0 m
Mean bifurcation ratio	2.8676
Stream frequency	82.9470 per km ²
Relief	539.00 m
Drainage density	11.6380 km/km ²
Length of overland flow	42.964 m

CATCHMENT CLIMATOLOGY

