

Chinar Dam

Location	24.5315° N, 72.6688° E
State	Rajasthan
Nearest City	Abu Road
Year of Completion	Not Available
Operated and Maintained by	Rajasthan Water Resources Department
River Basin	Sabarmati
River	Local Nala
Dam Type	Other
Height above lowest foundation level	14.0 m
Dam length	185.0 m
Reservoir Area	620000.0 m ²
Gross storage capacity	1519000.0 m ³
Effective storage capacity	1459000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	12.9 km ²
Perimeter of catchment	18.0 km
Basin Length	6527.3 m
Form factor	0.30368
Circularity ratio	0.50054
Elongation ratio	0.62161
Highest Stream order	4
Max elevation	1343.0 m
Min elevation	252.0 m
Mean bifurcation ratio	2.5390
Stream frequency	96.8420 per km ²
Relief	1091.00 m
Drainage density	14.6180 km/km ²
Length of overland flow	34.204 m

CATCHMENT CLIMATOLOGY

