

Kothari Stage 1 Dam

Location	25.3169° N, 74.9958° E
State	Rajasthan
Nearest City	Kotri
Year of Completion	1984
Operated and Maintained by	Rajasthan Water Resources Department
River Basin	Ganga
River	Kothari
Dam Type	Other
Height above lowest foundation level	25.4 m
Dam length	4326.0 m
Reservoir Area	7600000.0 m ²
Gross storage capacity	26050000.0 m ³
Effective storage capacity	21520000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	2235.1 km ²
Perimeter of catchment	359.0 km
Basin Length	135840.0 m
Form factor	0.12113
Circularity ratio	0.21800
Elongation ratio	0.39258
Highest Stream order	9
Max elevation	913.0 m
Min elevation	349.0 m
Mean bifurcation ratio	2.0440
Stream frequency	70.7730 per km ²
Relief	564.00 m
Drainage density	9.1060 km/km ²
Length of overland flow	54.911 m

CATCHMENT CLIMATOLOGY

