

Dandia Dam

Location	25.2447° N, 73.5747° E
State	Rajasthan
Nearest City	Desuri
Year of Completion	1982
Operated and Maintained by	Rajasthan Water Resources Department
River Basin	Sabarmati
River	Tr. Of Sukhri
Dam Type	Earthfill Embankment
Height above lowest foundation level	17.0 m
Dam length	750.0 m
Reservoir Area	176000.0 m ²
Gross storage capacity	13384000.0 m ³
Effective storage capacity	1333300.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	82.9 km ²
Perimeter of catchment	49.0 km
Basin Length	16876.0 m
Form factor	0.29116
Circularity ratio	0.43355
Elongation ratio	0.60866
Highest Stream order	6
Max elevation	1163.0 m
Min elevation	392.0 m
Mean bifurcation ratio	2.4886
Stream frequency	82.7790 per km ²
Relief	771.00 m
Drainage density	11.4400 km/km ²
Length of overland flow	43.705 m

CATCHMENT CLIMATOLOGY

