

Daria Dam

Location	21.6886° N, 73.3922° E
State	Gujarat
Nearest City	Jhagadia
Year of Completion	1983
Operated and Maintained by	Gujarat Engineering Research Institute
River Basin	Narmada
River	Local Khadi
Dam Type	Earthfill Embankment
Height above lowest foundation level	15.9 m
Dam length	440.0 m
Reservoir Area	635000.0 m ²
Gross storage capacity	1032000.0 m ³
Effective storage capacity	838000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	7.3 km ²
Perimeter of catchment	14.2 km
Basin Length	5293.8 m
Form factor	0.26184
Circularity ratio	0.45592
Elongation ratio	0.57720
Highest Stream order	5
Max elevation	292.0 m
Min elevation	149.0 m
Mean bifurcation ratio	2.1448
Stream frequency	77.8160 per km ²
Relief	143.00 m
Drainage density	10.2190 km/km ²
Length of overland flow	48.927 m

CATCHMENT CLIMATOLOGY

