

Doswada Dam

Location	21.1228° N, 73.5183° E
State	Gujarat
Nearest City	Songadh
Year of Completion	1912
Operated and Maintained by	Gujarat Engineering Research Institute
River Basin	Tapi
River	Mindhola
Dam Type	Earthfill Embankment
Height above lowest foundation level	10.1 m
Dam length	777.0 m
Reservoir Area	1333000.0 m ²
Gross storage capacity	4950000.0 m ³
Effective storage capacity	4746000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	59.5 km ²
Perimeter of catchment	44.0 km
Basin Length	14648.0 m
Form factor	0.27707
Circularity ratio	0.38639
Elongation ratio	0.59375
Highest Stream order	5
Max elevation	377.0 m
Min elevation	103.0 m
Mean bifurcation ratio	2.0995
Stream frequency	68.6290 per km ²
Relief	274.00 m
Drainage density	8.9000 km/km ²
Length of overland flow	56.178 m

CATCHMENT CLIMATOLOGY

