

Chopadvav Dam

Location	21.5358° N, 73.7517° E
State	Gujarat
Nearest City	Sagbara
Year of Completion	1985
Operated and Maintained by	Gujarat Engineering Research Institute
River Basin	Tapi
River	Doman
Dam Type	Earthfill Embankment
Height above lowest foundation level	31.3 m
Dam length	1288.0 m
Reservoir Area	1740000.0 m ²
Gross storage capacity	12050000.0 m ³
Effective storage capacity	9400000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	30.3 km ²
Perimeter of catchment	24.7 km
Basin Length	8072.5 m
Form factor	0.46568
Circularity ratio	0.62650
Elongation ratio	0.76975
Highest Stream order	6
Max elevation	515.0 m
Min elevation	165.0 m
Mean bifurcation ratio	2.8897
Stream frequency	78.6260 per km ²
Relief	350.00 m
Drainage density	10.8450 km/km ²
Length of overland flow	46.106 m

CATCHMENT CLIMATOLOGY

