

Hadaf Dam

Location	22.8903° N, 73.8783° E
State	Gujarat
Nearest City	Morva H
Year of Completion	1986
Operated and Maintained by	Gujarat Engineering Research Institute
River Basin	Mahi
River	Hadaf
Dam Type	Other
Height above lowest foundation level	29.5 m
Dam length	119.6 m
Reservoir Area	7500000.0 m ²
Gross storage capacity	32260000.0 m ³
Effective storage capacity	25020000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	507.4 km ²
Perimeter of catchment	129.8 km
Basin Length	41945.0 m
Form factor	0.28841
Circularity ratio	0.37837
Elongation ratio	0.60578
Highest Stream order	8
Max elevation	485.0 m
Min elevation	144.0 m
Mean bifurcation ratio	2.2256
Stream frequency	75.2240 per km ²
Relief	341.00 m
Drainage density	10.1790 km/km ²
Length of overland flow	49.120 m

CATCHMENT CLIMATOLOGY

