

Dmanganga (Madhuvan) Dam

Location	20.1928° N, 73.0597° E
State	Gujarat
Nearest City	Kaparada
Year of Completion	1998
Operated and Maintained by	Gujarat Engineering Research Institute
River Basin	West Coast
River	Dmanganga
Dam Type	Other
Height above lowest foundation level	m
Dam length	m
Reservoir Area	51440000.0 m ²
Gross storage capacity	567000000.0 m ³
Effective storage capacity	502000000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	1822.0 km ²
Perimeter of catchment	239.1 km
Basin Length	65661.0 m
Form factor	0.42261
Circularity ratio	0.40078
Elongation ratio	0.73329
Highest Stream order	9
Max elevation	1154.0 m
Min elevation	37.0 m
Mean bifurcation ratio	2.2559
Stream frequency	82.6280 per km ²
Relief	1117.00 m
Drainage density	12.0920 km/km ²
Length of overland flow	41.349 m

CATCHMENT CLIMATOLOGY

