

Andhariparpata Dam

Location	22.8069° N, 73.9800° E
State	Gujarat
Nearest City	Limkheda
Year of Completion	1975
Operated and Maintained by	Gujarat Engineering Research Institute
River Basin	Mahi
River	River
Dam Type	Earthfill Embankment
Height above lowest foundation level	12.0 m
Dam length	775.0 m
Reservoir Area	205000.0 m ²
Gross storage capacity	496000.0 m ³
Effective storage capacity	402000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	3.2 km ²
Perimeter of catchment	7.4 km
Basin Length	2092.7 m
Form factor	0.72827
Circularity ratio	0.73197
Elongation ratio	0.96262
Highest Stream order	4
Max elevation	275.0 m
Min elevation	218.0 m
Mean bifurcation ratio	2.5142
Stream frequency	80.8930 per km ²
Relief	57.00 m
Drainage density	10.8030 km/km ²
Length of overland flow	46.285 m

CATCHMENT CLIMATOLOGY

