

Khadkuna Dam

Location	21.5431° N, 73.8792° E
State	Maharashtra
Nearest City	Akkalakuwa
Year of Completion	1981
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Tapi
River	Kangali
Dam Type	Earthfill Embankment
Height above lowest foundation level	19.5 m
Dam length	1162.0 m
Reservoir Area	23000.0 m ²
Gross storage capacity	6257870.0 m ³
Effective storage capacity	5920000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	31.7 km ²
Perimeter of catchment	33.7 km
Basin Length	11264.0 m
Form factor	0.25011
Circularity ratio	0.35187
Elongation ratio	0.56413
Highest Stream order	6
Max elevation	740.0 m
Min elevation	150.0 m
Mean bifurcation ratio	2.3655
Stream frequency	81.5870 per km ²
Relief	590.00 m
Drainage density	11.4550 km/km ²
Length of overland flow	43.648 m

CATCHMENT CLIMATOLOGY

