

Kanadi Dam

Location	20.6050° N, 77.3308° E
State	Maharashtra
Nearest City	Barshi Takali
Year of Completion	1979
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Tapi
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	12.4 m
Dam length	930.0 m
Reservoir Area	705000.0 m ²
Gross storage capacity	2000000.0 m ³
Effective storage capacity	1850000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	17.2 km ²
Perimeter of catchment	18.2 km
Basin Length	5710.3 m
Form factor	0.52827
Circularity ratio	0.65317
Elongation ratio	0.81986
Highest Stream order	5
Max elevation	371.0 m
Min elevation	320.0 m
Mean bifurcation ratio	5.0995
Stream frequency	76.7470 per km ²
Relief	51.00 m
Drainage density	10.6570 km/km ²
Length of overland flow	46.916 m

CATCHMENT CLIMATOLOGY

