

Hirabambai Dam

Location	21.3461° N, 76.8039° E
State	Maharashtra
Nearest City	Dharni
Year of Completion	2010
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Tapi
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	22.2 m
Dam length	495.0 m
Reservoir Area	584000.0 m ²
Gross storage capacity	4930000.0 m ³
Effective storage capacity	3660000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	10.3 km ²
Perimeter of catchment	13.3 km
Basin Length	3700.5 m
Form factor	0.75183
Circularity ratio	0.73250
Elongation ratio	0.97807
Highest Stream order	5
Max elevation	672.0 m
Min elevation	390.0 m
Mean bifurcation ratio	2.6406
Stream frequency	87.9020 per km ²
Relief	282.00 m
Drainage density	13.0400 km/km ²
Length of overland flow	38.342 m

CATCHMENT CLIMATOLOGY

