

Isapur Dam

Location	20.4869° N, 77.3361° 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	13.1 m
Dam length	377.0 m
Reservoir Area	440000.0 m ²
Gross storage capacity	1790000.0 m ³
Effective storage capacity	1600000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	22.8 km ²
Perimeter of catchment	22.5 km
Basin Length	7843.7 m
Form factor	0.36998
Circularity ratio	0.56670
Elongation ratio	0.68611
Highest Stream order	5
Max elevation	444.0 m
Min elevation	364.0 m
Mean bifurcation ratio	2.2652
Stream frequency	79.5170 per km ²
Relief	80.00 m
Drainage density	10.7710 km/km ²
Length of overland flow	46.423 m

CATCHMENT CLIMATOLOGY

