

Prakasha Barrage Dam

Location	21.5119° N, 74.3456° E
State	Maharashtra
Nearest City	Shahada
Year of Completion	2009
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Tapi
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Dam Type	Other
Height above lowest foundation level	27.4 m
Dam length	503.0 m
Reservoir Area	11734000.0 m ²
Gross storage capacity	63640000.0 m ³
Effective storage capacity	62110000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	57326.0 km ²
Perimeter of catchment	1743.8 km
Basin Length	437880.0 m
Form factor	0.29898
Circularity ratio	0.23696
Elongation ratio	0.61678
Highest Stream order	11
Max elevation	1483.0 m
Min elevation	90.0 m
Mean bifurcation ratio	2.2020
Stream frequency	74.5070 per km ²
Relief	1393.00 m
Drainage density	10.1960 km/km ²
Length of overland flow	49.038 m

CATCHMENT CLIMATOLOGY

