

Ashti (Nimgaon Choba) Dam

Location	18.8472° N, 75.0797° E
State	Maharashtra
Nearest City	Ashti
Year of Completion	2000
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Krishna
River	Kadi
Dam Type	Earthfill Embankment
Height above lowest foundation level	14.7 m
Dam length	2291.0 m
Reservoir Area	2780000.0 m ²
Gross storage capacity	7510000.0 m ³
Effective storage capacity	6550000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	413.5 km ²
Perimeter of catchment	95.1 km
Basin Length	31744.0 m
Form factor	0.41031
Circularity ratio	0.57515
Elongation ratio	0.72254
Highest Stream order	8
Max elevation	865.0 m
Min elevation	567.0 m
Mean bifurcation ratio	2.3073
Stream frequency	79.6570 per km ²
Relief	298.00 m
Drainage density	11.4940 km/km ²
Length of overland flow	43.503 m

CATCHMENT CLIMATOLOGY

