

Hingani (Pangaon) Dam

Location	18.1319° N, 75.8333° E
State	Maharashtra
Nearest City	Barshi
Year of Completion	1977
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Krishna
River	Bhogawati
Dam Type	Earthfill Embankment
Height above lowest foundation level	21.9 m
Dam length	2193.0 m
Reservoir Area	10056500.0 m ²
Gross storage capacity	45560000.0 m ³
Effective storage capacity	31970000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	402.5 km ²
Perimeter of catchment	96.5 km
Basin Length	27697.0 m
Form factor	0.52469
Circularity ratio	0.54281
Elongation ratio	0.81707
Highest Stream order	8
Max elevation	715.0 m
Min elevation	490.0 m
Mean bifurcation ratio	2.5378
Stream frequency	71.5990 per km ²
Relief	225.00 m
Drainage density	9.8020 km/km ²
Length of overland flow	51.013 m

CATCHMENT CLIMATOLOGY

