

Dhumalwadi Dam

Location	17.8792° N, 74.4808° E
State	Maharashtra
Nearest City	Phaltan
Year of Completion	1975
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Krishna
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	11.6 m
Dam length	348.0 m
Reservoir Area	360000.0 m ²
Gross storage capacity	880000.0 m ³
Effective storage capacity	710000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	17.7 km ²
Perimeter of catchment	19.3 km
Basin Length	6543.8 m
Form factor	0.41244
Circularity ratio	0.59559
Elongation ratio	0.72442
Highest Stream order	5
Max elevation	1049.0 m
Min elevation	663.0 m
Mean bifurcation ratio	2.3500
Stream frequency	77.5710 per km ²
Relief	386.00 m
Drainage density	10.7980 km/km ²
Length of overland flow	46.303 m

CATCHMENT CLIMATOLOGY

