

Wadshivane Dam

Location	18.1667° N, 75.2333° E
State	Maharashtra
Nearest City	Karmal
Year of Completion	1902
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Krishna
River	Wadshivne Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	14.6 m
Dam length	984.0 m
Reservoir Area	1751000.0 m ²
Gross storage capacity	4352000.0 m ³
Effective storage capacity	4247000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	34.1 km ²
Perimeter of catchment	26.2 km
Basin Length	8987.7 m
Form factor	0.42156
Circularity ratio	0.62230
Elongation ratio	0.73239
Highest Stream order	5
Max elevation	592.0 m
Min elevation	508.0 m
Mean bifurcation ratio	2.2935
Stream frequency	76.2630 per km ²
Relief	84.00 m
Drainage density	10.7480 km/km ²
Length of overland flow	46.518 m

CATCHMENT CLIMATOLOGY

