

Wafgaon Dam

Location	18.8847° N, 73.9753° E
State	Maharashtra
Nearest City	Khed
Year of Completion	1978
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Krishna
River	Vel
Dam Type	Earthfill Embankment
Height above lowest foundation level	14.3 m
Dam length	426.0 m
Reservoir Area	590000.0 m ²
Gross storage capacity	3114000.0 m ³
Effective storage capacity	2690000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	38.2 km ²
Perimeter of catchment	40.5 km
Basin Length	13858.0 m
Form factor	0.19891
Circularity ratio	0.29220
Elongation ratio	0.50307
Highest Stream order	6
Max elevation	847.0 m
Min elevation	712.0 m
Mean bifurcation ratio	28.6470
Stream frequency	75.9980 per km ²
Relief	135.00 m
Drainage density	10.6420 km/km ²
Length of overland flow	46.982 m

CATCHMENT CLIMATOLOGY

