

Vadiwale Dam

Location	18.8192° N, 73.5119° E
State	Maharashtra
Nearest City	Maval
Year of Completion	1999
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Krishna
River	Kundalika
Dam Type	Earthfill Embankment
Height above lowest foundation level	29.0 m
Dam length	488.0 m
Reservoir Area	3558000.0 m ²
Gross storage capacity	40870000.0 m ³
Effective storage capacity	30390000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	46.1 km ²
Perimeter of catchment	29.4 km
Basin Length	9866.2 m
Form factor	0.47337
Circularity ratio	0.67117
Elongation ratio	0.77608
Highest Stream order	6
Max elevation	1001.0 m
Min elevation	610.0 m
Mean bifurcation ratio	2.5719
Stream frequency	85.9620 per km ²
Relief	391.00 m
Drainage density	12.8800 km/km ²
Length of overland flow	38.821 m

CATCHMENT CLIMATOLOGY

