

Pimpalgaon Alwa Dam

Location	18.6450° N, 75.3697° E
State	Maharashtra
Nearest City	Mahal
Year of Completion	1979
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Krishna
River	Kanhuri River
Dam Type	Earthfill Embankment
Height above lowest foundation level	14.0 m
Dam length	660.0 m
Reservoir Area	567000.0 m ²
Gross storage capacity	2845000.0 m ³
Effective storage capacity	2417000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	48.2 km ²
Perimeter of catchment	39.5 km
Basin Length	15131.0 m
Form factor	0.21053
Circularity ratio	0.38819
Elongation ratio	0.51757
Highest Stream order	6
Max elevation	780.0 m
Min elevation	590.0 m
Mean bifurcation ratio	2.3878
Stream frequency	79.5440 per km ²
Relief	190.00 m
Drainage density	11.3250 km/km ²
Length of overland flow	44.150 m

CATCHMENT CLIMATOLOGY

