

Alegaonpaga Dam

Location	18.6414° N, 74.3369° E
State	Maharashtra
Nearest City	Shirur.
Year of Completion	1971
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Krishna
River	Ambi
Dam Type	Earthfill Embankment
Height above lowest foundation level	15.2 m
Dam length	289.6 m
Reservoir Area	400000.0 m ²
Gross storage capacity	2040000.0 m ³
Effective storage capacity	1950000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	36.2 km ²
Perimeter of catchment	30.4 km
Basin Length	11512.0 m
Form factor	0.27280
Circularity ratio	0.49222
Elongation ratio	0.58916
Highest Stream order	5
Max elevation	617.0 m
Min elevation	535.0 m
Mean bifurcation ratio	2.2181
Stream frequency	71.2750 per km ²
Relief	82.00 m
Drainage density	9.5560 km/km ²
Length of overland flow	52.324 m

CATCHMENT CLIMATOLOGY

