

Aswali Dam

Location	20.0867° N, 72.8058° E
State	Maharashtra
Nearest City	Dahanu
Year of Completion	1996
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	West Coast
River	Local Nala
Dam Type	Earthfill Embankment
Height above lowest foundation level	23.1 m
Dam length	361.0 m
Reservoir Area	690000.0 m ²
Gross storage capacity	2083000.0 m ³
Effective storage capacity	1256000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	6.0 km ²
Perimeter of catchment	10.4 km
Basin Length	3615.0 m
Form factor	0.46131
Circularity ratio	0.70343
Elongation ratio	0.76614
Highest Stream order	4
Max elevation	517.0 m
Min elevation	55.0 m
Mean bifurcation ratio	3.0040
Stream frequency	92.2290 per km ²
Relief	462.00 m
Drainage density	13.8370 km/km ²
Length of overland flow	36.136 m

CATCHMENT CLIMATOLOGY

