

Asurde Dam

Location	17.3628° N, 73.5158° E
State	Maharashtra
Nearest City	Chiplun
Year of Completion	1991
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	West Coast
River	Local Nala
Dam Type	Earthfill Embankment
Height above lowest foundation level	22.6 m
Dam length	340.0 m
Reservoir Area	260000.0 m ²
Gross storage capacity	1850000.0 m ³
Effective storage capacity	1830000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	2.3 km ²
Perimeter of catchment	5.8 km
Basin Length	1509.4 m
Form factor	1.01680
Circularity ratio	0.86550
Elongation ratio	1.13740
Highest Stream order	4
Max elevation	250.0 m
Min elevation	68.0 m
Mean bifurcation ratio	3.0833
Stream frequency	83.7440 per km ²
Relief	182.00 m
Drainage density	11.7860 km/km ²
Length of overland flow	42.423 m

CATCHMENT CLIMATOLOGY

