

Aad Dam

Location	20.2058° N, 73.6031° E
State	Maharashtra
Nearest City	Peint
Year of Completion	1997
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	West Coast
River	Local Nala
Dam Type	Earthfill Embankment
Height above lowest foundation level	23.8 m
Dam length	520.0 m
Reservoir Area	6775000.0 m ²
Gross storage capacity	1653000.0 m ³
Effective storage capacity	1631000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	2.8 km ²
Perimeter of catchment	7.3 km
Basin Length	2532.5 m
Form factor	0.43851
Circularity ratio	0.65507
Elongation ratio	0.74697
Highest Stream order	4
Max elevation	660.0 m
Min elevation	468.0 m
Mean bifurcation ratio	3.5386
Stream frequency	88.8910 per km ²
Relief	192.00 m
Drainage density	13.0960 km/km ²
Length of overland flow	38.180 m

CATCHMENT CLIMATOLOGY

