

Aruna Dam

Location	16.5947° N, 73.7889° E
State	Maharashtra
Nearest City	Vaibhavwadi
Year of Completion	Not Available
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	West Coast
River	Aruna
Dam Type	Earthfill Embankment
Height above lowest foundation level	80.4 m
Dam length	1240.0 m
Reservoir Area	3850000.0 m ²
Gross storage capacity	93378000.0 m ³
Effective storage capacity	92020000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	27.9 km ²
Perimeter of catchment	24.5 km
Basin Length	8601.5 m
Form factor	0.37759
Circularity ratio	0.58575
Elongation ratio	0.69314
Highest Stream order	6
Max elevation	769.0 m
Min elevation	88.0 m
Mean bifurcation ratio	2.9317
Stream frequency	82.7240 per km ²
Relief	681.00 m
Drainage density	12.2370 km/km ²
Length of overland flow	40.860 m

CATCHMENT CLIMATOLOGY

