

Jayakwadi Dam

Location	19.4858° N, 75.3689° E
State	Maharashtra
Nearest City	Paithan
Year of Completion	1976
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Godavari
River	Godavari.
Dam Type	Earthfill Embankment
Height above lowest foundation level	41.3 m
Dam length	10415.0 m
Reservoir Area	3500000000.0 m ²
Gross storage capacity	2909000000.0 m ³
Effective storage capacity	2170930000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	22149.0 km ²
Perimeter of catchment	912.1 km
Basin Length	219500.0 m
Form factor	0.45969
Circularity ratio	0.33465
Elongation ratio	0.76479
Highest Stream order	10
Max elevation	1461.0 m
Min elevation	421.0 m
Mean bifurcation ratio	23.3970
Stream frequency	73.8490 per km ²
Relief	1040.00 m
Drainage density	10.1870 km/km ²
Length of overland flow	49.080 m

CATCHMENT CLIMATOLOGY

