

Pethwadaj Dam

Location	18.7750° N, 77.3200° E
State	Maharashtra
Nearest City	Kandhar
Year of Completion	1980
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Godavari
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	18.9 m
Dam length	1260.0 m
Reservoir Area	2970000.0 m ²
Gross storage capacity	11490000.0 m ³
Effective storage capacity	9040000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	97.6 km ²
Perimeter of catchment	46.9 km
Basin Length	17601.0 m
Form factor	0.31508
Circularity ratio	0.55891
Elongation ratio	0.63317
Highest Stream order	6
Max elevation	548.0 m
Min elevation	390.0 m
Mean bifurcation ratio	2.4455
Stream frequency	79.0150 per km ²
Relief	158.00 m
Drainage density	11.3360 km/km ²
Length of overland flow	44.106 m

CATCHMENT CLIMATOLOGY

