

Pathrad Dam

Location	20.6585° N, 75.0748° E
State	Maharashtra
Nearest City	Mahal
Year of Completion	1981
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Tapi
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	13.6 m
Dam length	1137.0 m
Reservoir Area	336900.0 m ²
Gross storage capacity	1273000.0 m ³
Effective storage capacity	1179000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	11.3 km ²
Perimeter of catchment	14.2 km
Basin Length	5125.8 m
Form factor	0.42828
Circularity ratio	0.70527
Elongation ratio	0.73820
Highest Stream order	5
Max elevation	362.0 m
Min elevation	301.0 m
Mean bifurcation ratio	4.3276
Stream frequency	71.0060 per km ²
Relief	61.00 m
Drainage density	8.9960 km/km ²
Length of overland flow	55.579 m

CATCHMENT CLIMATOLOGY

