

Khirkund Dam

Location	21.2199° N, 77.1758° E
State	Maharashtra
Nearest City	Anjangaon
Year of Completion	1999
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Tapi
River	Arr
Dam Type	Earthfill Embankment
Height above lowest foundation level	33.3 m
Dam length	1419.0 m
Reservoir Area	667000.0 m ²
Gross storage capacity	5608000.0 m ³
Effective storage capacity	4960000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	36.5 km ²
Perimeter of catchment	26.8 km
Basin Length	9744.8 m
Form factor	0.38459
Circularity ratio	0.63915
Elongation ratio	0.69954
Highest Stream order	6
Max elevation	984.0 m
Min elevation	405.0 m
Mean bifurcation ratio	2.4999
Stream frequency	79.6530 per km ²
Relief	579.00 m
Drainage density	11.1540 km/km ²
Length of overland flow	44.826 m

CATCHMENT CLIMATOLOGY

