

Chikhalbeed Dam

Location	18.8869° N, 75.9933° E
State	Maharashtra
Nearest City	Kaij
Year of Completion	2001
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Godavari
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	18.2 m
Dam length	238.0 m
Reservoir Area	430000.0 m ²
Gross storage capacity	1290000.0 m ³
Effective storage capacity	850000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	29.3 km ²
Perimeter of catchment	25.1 km
Basin Length	8184.3 m
Form factor	0.43728
Circularity ratio	0.58454
Elongation ratio	0.74592
Highest Stream order	6
Max elevation	765.0 m
Min elevation	578.0 m
Mean bifurcation ratio	2.4099
Stream frequency	70.6710 per km ²
Relief	187.00 m
Drainage density	9.3560 km/km ²
Length of overland flow	53.443 m

CATCHMENT CLIMATOLOGY

