

Lingnoor Dam

Location	16.8222° N, 74.8583° E
State	Maharashtra
Nearest City	Miraj
Year of Completion	1975
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Krishna
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	14.3 m
Dam length	970000.0 m
Reservoir Area	687600.0 m ²
Gross storage capacity	24300000.0 m ³
Effective storage capacity	19700000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	48.0 km ²
Perimeter of catchment	30.0 km
Basin Length	10852.0 m
Form factor	0.40748
Circularity ratio	0.67059
Elongation ratio	0.72005
Highest Stream order	6
Max elevation	841.0 m
Min elevation	596.0 m
Mean bifurcation ratio	2.2075
Stream frequency	77.0620 per km ²
Relief	245.00 m
Drainage density	10.9040 km/km ²
Length of overland flow	45.855 m

CATCHMENT CLIMATOLOGY

