

Sakat Dam

Location	18.3697° N, 75.5089° E
State	Maharashtra
Nearest City	Paranda
Year of Completion	1994
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Krishna
River	Dudhana
Dam Type	Earthfill Embankment
Height above lowest foundation level	19.8 m
Dam length	1805.0 m
Reservoir Area	4340000.0 m ²
Gross storage capacity	14490000.0 m ³
Effective storage capacity	13470000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	212.9 km ²
Perimeter of catchment	76.7 km
Basin Length	29800.0 m
Form factor	0.23979
Circularity ratio	0.45449
Elongation ratio	0.55236
Highest Stream order	7
Max elevation	760.0 m
Min elevation	516.0 m
Mean bifurcation ratio	2.1656
Stream frequency	78.8220 per km ²
Relief	244.00 m
Drainage density	11.2390 km/km ²
Length of overland flow	44.488 m

CATCHMENT CLIMATOLOGY

