

Kalamsare Dam

Location	21.1875° N, 75.0000° E
State	Maharashtra
Nearest City	Pachora
Year of Completion	1998
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Tapi
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	16.0 m
Dam length	2530.0 m
Reservoir Area	2220000.0 m ²
Gross storage capacity	6978000.0 m ³
Effective storage capacity	5928000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	48631.0 km ²
Perimeter of catchment	1683.5 km
Basin Length	370710.0 m
Form factor	0.35386
Circularity ratio	0.21570
Elongation ratio	0.67101
Highest Stream order	11
Max elevation	1483.0 m
Min elevation	122.0 m
Mean bifurcation ratio	2.5181
Stream frequency	74.3480 per km ²
Relief	1361.00 m
Drainage density	10.1700 km/km ²
Length of overland flow	49.164 m

CATCHMENT CLIMATOLOGY

