

Otav Dam

Location	16.3536° N, 73.6631° E
State	Maharashtra
Nearest City	Kankavali
Year of Completion	2009
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	West Coast
River	Local Nala
Dam Type	Earthfill Embankment
Height above lowest foundation level	27.3 m
Dam length	330.0 m
Reservoir Area	733600.0 m ²
Gross storage capacity	7550000.0 m ³
Effective storage capacity	7430000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	2.8 km ²
Perimeter of catchment	7.3 km
Basin Length	1822.7 m
Form factor	0.85070
Circularity ratio	0.67386
Elongation ratio	1.04040
Highest Stream order	4
Max elevation	165.0 m
Min elevation	74.0 m
Mean bifurcation ratio	2.5854
Stream frequency	79.6150 per km ²
Relief	91.00 m
Drainage density	11.1460 km/km ²
Length of overland flow	44.858 m

CATCHMENT CLIMATOLOGY

