

Labhansarad Dam

Location	20.4400° N, 79.0583° E
State	Maharashtra
Nearest City	Varora
Year of Completion	1987
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Godavari
River	Labhansarad
Dam Type	Earthfill Embankment
Height above lowest foundation level	12.0 m
Dam length	1782.0 m
Reservoir Area	355000.0 m ²
Gross storage capacity	8220000.0 m ³
Effective storage capacity	7351000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	49.9 km ²
Perimeter of catchment	31.3 km
Basin Length	8213.4 m
Form factor	0.73905
Circularity ratio	0.63983
Elongation ratio	0.96972
Highest Stream order	6
Max elevation	261.0 m
Min elevation	218.0 m
Mean bifurcation ratio	2.5561
Stream frequency	75.3980 per km ²
Relief	43.00 m
Drainage density	10.3330 km/km ²
Length of overland flow	48.388 m

CATCHMENT CLIMATOLOGY

