

Kesarnala Dam

Location	21.3654° N, 78.8352° E
State	Maharashtra
Nearest City	Kalmeshwar.
Year of Completion	1974
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Godavari
River	Kesarnala
Dam Type	Earthfill Embankment
Height above lowest foundation level	18.8 m
Dam length	600.0 m
Reservoir Area	83000.0 m ²
Gross storage capacity	4300000.0 m ³
Effective storage capacity	3930000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	18.5 km ²
Perimeter of catchment	22.3 km
Basin Length	8529.7 m
Form factor	0.25367
Circularity ratio	0.46769
Elongation ratio	0.56812
Highest Stream order	5
Max elevation	525.0 m
Min elevation	351.0 m
Mean bifurcation ratio	2.1830
Stream frequency	79.8670 per km ²
Relief	174.00 m
Drainage density	11.1360 km/km ²
Length of overland flow	44.900 m

CATCHMENT CLIMATOLOGY

