

Bheemasamudra Dam

Location	14.1814° N, 76.2481° E
State	Karnataka
Nearest City	Chitradurga
Year of Completion	Not Available
Operated and Maintained by	Karnataka Water Resources Department
River Basin	Krishna
River	Jinigi Halla
Dam Type	Earthfill Embankment
Height above lowest foundation level	14.2 m
Dam length	840.0 m
Reservoir Area	118110000.0 m ²
Gross storage capacity	256230000.0 m ³
Effective storage capacity	204980000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	173.4 km ²
Perimeter of catchment	81.3 km
Basin Length	23307.0 m
Form factor	0.31922
Circularity ratio	0.32978
Elongation ratio	0.63731
Highest Stream order	7
Max elevation	949.0 m
Min elevation	723.0 m
Mean bifurcation ratio	2.3292
Stream frequency	73.7090 per km ²
Relief	226.00 m
Drainage density	10.2900 km/km ²
Length of overland flow	48.589 m

CATCHMENT CLIMATOLOGY

