

Hidkal Dam

Location	16.1411° N, 74.6400° E
State	Karnataka
Nearest City	Hukeri
Year of Completion	1977
Operated and Maintained by	Karnataka Water Resources Department
River Basin	Krishna
River	Ghataprabha
Dam Type	Composite Other
Height above lowest foundation level	62.5 m
Dam length	4480.6 m
Reservoir Area	63380000.0 m ²
Gross storage capacity	1448690000.0 m ³
Effective storage capacity	1321830000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	1373.6 km ²
Perimeter of catchment	208.5 km
Basin Length	76015.0 m
Form factor	0.23772
Circularity ratio	0.39712
Elongation ratio	0.54998
Highest Stream order	8
Max elevation	1043.0 m
Min elevation	608.0 m
Mean bifurcation ratio	21.3530
Stream frequency	81.0910 per km ²
Relief	435.00 m
Drainage density	11.9770 km/km ²
Length of overland flow	41.747 m

CATCHMENT CLIMATOLOGY

