

Kyragunda Saddle Dam

Location	13.7458° N, 75.0086° E
State	Karnataka
Nearest City	Hosanagara
Year of Completion	1983
Operated and Maintained by	Karnataka Water Resources Department
River Basin	West Coast
River	Savehaklu
Dam Type	Earthfill Embankment
Height above lowest foundation level	14.5 m
Dam length	800.0 m
Reservoir Area	4001682.0 m ²
Gross storage capacity	121760000.0 m ³
Effective storage capacity	68.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	7.2 km ²
Perimeter of catchment	12.9 km
Basin Length	5023.6 m
Form factor	0.28392
Circularity ratio	0.54039
Elongation ratio	0.60104
Highest Stream order	5
Max elevation	801.0 m
Min elevation	583.0 m
Mean bifurcation ratio	2.3615
Stream frequency	78.0170 per km ²
Relief	218.00 m
Drainage density	11.0490 km/km ²
Length of overland flow	45.252 m

CATCHMENT CLIMATOLOGY

