

Singahallidalvayikere Dam

Location	13.4425° N, 76.7419° E
State	Karnataka
Nearest City	C.N.Halli
Year of Completion	Not Available
Operated and Maintained by	Karnataka Water Resources Department
River Basin	Krishna
River	Suvarnamuki Ss Vi
Dam Type	Earthfill Embankment
Height above lowest foundation level	11.4 m
Dam length	870.0 m
Reservoir Area	1197000.0 m ²
Gross storage capacity	3180000.0 m ³
Effective storage capacity	2870000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	92.5 km ²
Perimeter of catchment	50.0 km
Basin Length	11284.0 m
Form factor	0.72656
Circularity ratio	0.46506
Elongation ratio	0.96149
Highest Stream order	7
Max elevation	1002.0 m
Min elevation	747.0 m
Mean bifurcation ratio	2.5247
Stream frequency	76.2030 per km ²
Relief	255.00 m
Drainage density	10.9350 km/km ²
Length of overland flow	45.726 m

CATCHMENT CLIMATOLOGY

