

Basavapattana Dam

Location	16.1731° N, 75.3292° E
State	Karnataka
Nearest City	Mudhol
Year of Completion	1964
Operated and Maintained by	Karnataka Water Resources Department
River Basin	Krishna
River	Basavapattana
Dam Type	Other
Height above lowest foundation level	14.2 m
Dam length	90.0 m
Reservoir Area	458000.0 m ²
Gross storage capacity	1373400.0 m ³
Effective storage capacity	1263400.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	26.4 km ²
Perimeter of catchment	23.2 km
Basin Length	9059.3 m
Form factor	0.32127
Circularity ratio	0.61393
Elongation ratio	0.63936
Highest Stream order	6
Max elevation	670.0 m
Min elevation	566.0 m
Mean bifurcation ratio	2.5776
Stream frequency	79.5690 per km ²
Relief	104.00 m
Drainage density	11.4060 km/km ²
Length of overland flow	43.836 m

CATCHMENT CLIMATOLOGY

