

Bhima Lift Dam

Location	17.1717° N, 76.3119° E
State	Karnataka
Nearest City	Sonna
Year of Completion	2010
Operated and Maintained by	Karnataka Water Resources Department
River Basin	Krishna
River	Bhima
Dam Type	Other
Height above lowest foundation level	18.4 m
Dam length	2250.0 m
Reservoir Area	20548309.4 m ²
Gross storage capacity	70707166.0 m ³
Effective storage capacity	66686174.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	52438.0 km ²
Perimeter of catchment	1296.6 km
Basin Length	385780.0 m
Form factor	0.35234
Circularity ratio	0.39206
Elongation ratio	0.66956
Highest Stream order	10
Max elevation	1452.0 m
Min elevation	389.0 m
Mean bifurcation ratio	2.1097
Stream frequency	75.0360 per km ²
Relief	1063.00 m
Drainage density	10.5620 km/km ²
Length of overland flow	47.341 m

CATCHMENT CLIMATOLOGY

