

Mani Dam

Location	13.6758° N, 75.0456° E
State	Karnataka
Nearest City	Horanagara
Year of Completion	1988
Operated and Maintained by	Karnataka Water Resources Department
River Basin	West Coast
River	Varahi
Dam Type	Other
Height above lowest foundation level	59.0 m
Dam length	580.0 m
Reservoir Area	56000000.0 m ²
Gross storage capacity	961750000.0 m ³
Effective storage capacity	883810000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	162.4 km ²
Perimeter of catchment	65.4 km
Basin Length	14753.0 m
Form factor	0.74596
Circularity ratio	0.47726
Elongation ratio	0.97425
Highest Stream order	7
Max elevation	902.0 m
Min elevation	560.0 m
Mean bifurcation ratio	2.1990
Stream frequency	75.6110 per km ²
Relief	342.00 m
Drainage density	10.8330 km/km ²
Length of overland flow	46.155 m

CATCHMENT CLIMATOLOGY

