

Tungabhadra Dam

Location	15.2553° N, 76.3333° E
State	Karnataka
Nearest City	Hospet
Year of Completion	1953
Operated and Maintained by	Karnataka Water Resources Department
River Basin	Krishna
River	Tungabhadra
Dam Type	Earthfill Embankment
Height above lowest foundation level	49.4 m
Dam length	2449.0 m
Reservoir Area	378100000.0 m ²
Gross storage capacity	3737823750.0 m ³
Effective storage capacity	3308540356.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	28866.0 km ²
Perimeter of catchment	1120.9 km
Basin Length	270610.0 m
Form factor	0.39418
Circularity ratio	0.28881
Elongation ratio	0.70820
Highest Stream order	10
Max elevation	1862.0 m
Min elevation	462.0 m
Mean bifurcation ratio	2.1698
Stream frequency	74.9520 per km ²
Relief	1400.00 m
Drainage density	10.7290 km/km ²
Length of overland flow	46.603 m

CATCHMENT CLIMATOLOGY

