

Karanja Dam

Location	17.8878° N, 77.3131° E
State	Karnataka
Nearest City	Bhalki
Year of Completion	1989
Operated and Maintained by	Karnataka Water Resources Department
River Basin	Godavari
River	Karanja
Dam Type	Earthfill Embankment
Height above lowest foundation level	28.1 m
Dam length	3480.0 m
Reservoir Area	56730000.0 m ²
Gross storage capacity	217660000.0 m ³
Effective storage capacity	207050000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	2046.8 km ²
Perimeter of catchment	280.9 km
Basin Length	61836.0 m
Form factor	0.53529
Circularity ratio	0.32605
Elongation ratio	0.82529
Highest Stream order	9
Max elevation	683.0 m
Min elevation	567.0 m
Mean bifurcation ratio	5.7403
Stream frequency	74.0520 per km ²
Relief	116.00 m
Drainage density	10.2700 km/km ²
Length of overland flow	48.686 m

CATCHMENT CLIMATOLOGY

