

Kanakanala Dam

Location	15.8461° N, 76.4539° E
State	Karnataka
Nearest City	Sindhur
Year of Completion	1975
Operated and Maintained by	Karnataka Water Resources Department
River Basin	Krishna
River	Kanakanala
Dam Type	Earthfill Embankment
Height above lowest foundation level	20.1 m
Dam length	975.7 m
Reservoir Area	1930000.0 m ²
Gross storage capacity	6370000.0 m ³
Effective storage capacity	5620000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	141.9 km ²
Perimeter of catchment	54.9 km
Basin Length	17732.0 m
Form factor	0.45131
Circularity ratio	0.59233
Elongation ratio	0.75778
Highest Stream order	6
Max elevation	692.0 m
Min elevation	475.0 m
Mean bifurcation ratio	2.6632
Stream frequency	76.7460 per km ²
Relief	217.00 m
Drainage density	10.9980 km/km ²
Length of overland flow	45.464 m

CATCHMENT CLIMATOLOGY

