

Kalangi Reservoir Dam

Location	13.6078° N, 79.7950° E
State	Andhra Pradesh
Nearest City	Srikalahasti
Year of Completion	1960
Operated and Maintained by	Andhra Pradesh Water Resources Department
River Basin	East Coast
River	Kalangi
Dam Type	Earthfill Embankment
Height above lowest foundation level	18.0 m
Dam length	3977.0 m
Reservoir Area	2649000.0 m ²
Gross storage capacity	6971000.0 m ³
Effective storage capacity	6830000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	192.1 km ²
Perimeter of catchment	80.6 km
Basin Length	22201.0 m
Form factor	0.38964
Circularity ratio	0.37144
Elongation ratio	0.70411
Highest Stream order	6
Max elevation	915.0 m
Min elevation	52.0 m
Mean bifurcation ratio	2.3533
Stream frequency	83.5300 per km ²
Relief	863.00 m
Drainage density	12.6190 km/km ²
Length of overland flow	39.624 m

CATCHMENT CLIMATOLOGY

