

## Akkammacheru, Mujahidpur Dam

Location	17.0622° N, 77.5878° E
State	Telangana
Nearest City	Hyderabad
Year of Completion	Not Available
Operated and Maintained by	Telangana Irrigation and CAD Department
River Basin	Krishna
River	Ghataprabha
Dam Type	Earthfill Embankment
Height above lowest foundation level	11.7 m
Dam length	579.0 m
Reservoir Area	228087.0 m <sup>2</sup>
Gross storage capacity	1998600.0 m <sup>3</sup>
Effective storage capacity	1399020.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	4.3 km <sup>2</sup>
Perimeter of catchment	8.7 km
Basin Length	2843.0 m
Form factor	0.53190
Circularity ratio	0.71513
Elongation ratio	0.82266
Highest Stream order	4
Max elevation	590.0 m
Min elevation	550.0 m
Mean bifurcation ratio	2.3950
Stream frequency	78.8550 per km <sup>2</sup>
Relief	40.00 m
Drainage density	11.3300 km/km <sup>2</sup>
Length of overland flow	44.131 m

## CATCHMENT CLIMATOLOGY

