

Mallammacheru, Pagidial Dam

Location	16.8967° N, 77.7478° E
State	Telangana
Nearest City	Pargi
Year of Completion	Not Available
Operated and Maintained by	Telangana Irrigation and CAD Department
River Basin	Krishna
River	Local Stream
Dam Type	Earthfill Embankment
Height above lowest foundation level	11.0 m
Dam length	929.0 m
Reservoir Area	378433.0 m ²
Gross storage capacity	1745000.0 m ³
Effective storage capacity	1221500.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	17.1 km ²
Perimeter of catchment	27.8 km
Basin Length	11152.0 m
Form factor	0.13779
Circularity ratio	0.27813
Elongation ratio	0.41871
Highest Stream order	4
Max elevation	607.0 m
Min elevation	469.0 m
Mean bifurcation ratio	2.2253
Stream frequency	73.1130 per km ²
Relief	138.00 m
Drainage density	9.9860 km/km ²
Length of overland flow	50.072 m

CATCHMENT CLIMATOLOGY

