

## Pakhal Lake Dam

Location	17.9542° N, 79.9861° E
State	Telangana
Nearest City	Narsampet
Year of Completion	1902
Operated and Maintained by	Telangana Irrigation and CAD Department
River Basin	Krishna
River	Pakhal Vagu
Dam Type	Earthfill Embankment
Height above lowest foundation level	21.0 m
Dam length	1370.0 m
Reservoir Area	17581271.0 m <sup>2</sup>
Gross storage capacity	95866000.0 m <sup>3</sup>
Effective storage capacity	95201000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	264.3 km <sup>2</sup>
Perimeter of catchment	79.2 km
Basin Length	19460.0 m
Form factor	0.69802
Circularity ratio	0.52942
Elongation ratio	0.94242
Highest Stream order	7
Max elevation	420.0 m
Min elevation	240.0 m
Mean bifurcation ratio	2.3552
Stream frequency	76.4290 per km <sup>2</sup>
Relief	180.00 m
Drainage density	10.8400 km/km <sup>2</sup>
Length of overland flow	46.127 m

## CATCHMENT CLIMATOLOGY

