

Lakhnapur Project Dam

Location	17.2092° N, 77.8303° E
State	Telangana
Nearest City	Pargi
Year of Completion	1968
Operated and Maintained by	Telangana Irrigation and CAD Department
River Basin	Krishna
River	Pargi Stream
Dam Type	Earthfill Embankment
Height above lowest foundation level	15.9 m
Dam length	1263.0 m
Reservoir Area	410000.0 m ²
Gross storage capacity	8630000.0 m ³
Effective storage capacity	7943000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	83.8 km ²
Perimeter of catchment	39.8 km
Basin Length	12989.0 m
Form factor	0.49644
Circularity ratio	0.66588
Elongation ratio	0.79477
Highest Stream order	7
Max elevation	720.0 m
Min elevation	532.0 m
Mean bifurcation ratio	2.1831
Stream frequency	75.0180 per km ²
Relief	188.00 m
Drainage density	10.5730 km/km ²
Length of overland flow	47.292 m

CATCHMENT CLIMATOLOGY

