

Pili Dam

Location	29.3561° N, 78.7914° E
State	Uttar Pradesh
Nearest City	Nagina
Year of Completion	1968
Operated and Maintained by	Uttar Pradesh Irrigation and Water Resources Department
River Basin	Ganga
River	Pili
Dam Type	Earthfill Embankment
Height above lowest foundation level	19.0 m
Dam length	1540.0 m
Reservoir Area	1150000000.0 m ²
Gross storage capacity	55300000.0 m ³
Effective storage capacity	54275000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	8.1 km ²
Perimeter of catchment	20.6 km
Basin Length	8605.8 m
Form factor	0.10925
Circularity ratio	0.24062
Elongation ratio	0.37284
Highest Stream order	4
Max elevation	291.0 m
Min elevation	239.0 m
Mean bifurcation ratio	2.1732
Stream frequency	73.6600 per km ²
Relief	52.00 m
Drainage density	8.8540 km/km ²
Length of overland flow	56.470 m

CATCHMENT CLIMATOLOGY

