

Pankua 1 Dam

Location	22.5414° N, 76.2844° E
State	Madhya Pradesh
Nearest City	Bagli
Year of Completion	1981
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Narmada
River	Local
Dam Type	Earthfill Embankment
Height above lowest foundation level	20.0 m
Dam length	430.0 m
Reservoir Area	125382.0 m ²
Gross storage capacity	987000.0 m ³
Effective storage capacity	m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	6.1 km ²
Perimeter of catchment	9.9 km
Basin Length	3130.4 m
Form factor	0.62398
Circularity ratio	0.78932
Elongation ratio	0.89103
Highest Stream order	5
Max elevation	538.0 m
Min elevation	298.0 m
Mean bifurcation ratio	2.5072
Stream frequency	86.3520 per km ²
Relief	240.00 m
Drainage density	11.8650 km/km ²
Length of overland flow	42.142 m

CATCHMENT CLIMATOLOGY

