

Rupai Dam

Location	23.3100° N, 85.9213° E
State	West Bengal
Nearest City	Purulia
Year of Completion	1982
Operated and Maintained by	West Bengal Water Resources Department
River Basin	Subarnarekha
River	Rupai
Dam Type	Earthfill Embankment
Height above lowest foundation level	12.0 m
Dam length	620.0 m
Reservoir Area	761000.0 m ²
Gross storage capacity	1676000.0 m ³
Effective storage capacity	1560000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	42.8 km ²
Perimeter of catchment	34.9 km
Basin Length	13105.0 m
Form factor	0.24944
Circularity ratio	0.44297
Elongation ratio	0.56336
Highest Stream order	6
Max elevation	661.0 m
Min elevation	260.0 m
Mean bifurcation ratio	2.3124
Stream frequency	80.4410 per km ²
Relief	401.00 m
Drainage density	11.1150 km/km ²
Length of overland flow	44.982 m

CATCHMENT CLIMATOLOGY

