

Phata Bhyung Dam

Location	30.6239° N, 78.9997° E
State	Uttarakhand
Nearest City	Sitapur
Year of Completion	Not Available
Operated and Maintained by	Uttarakhand Jal Vidyut Nigam Limited
River Basin	Ganga
River	Mandakini.
Dam Type	Other
Height above lowest foundation level	26.0 m
Dam length	m
Reservoir Area	71306.0 m ²
Gross storage capacity	49920.0 m ³
Effective storage capacity	41420.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	247.3 km ²
Perimeter of catchment	74.4 km
Basin Length	24089.0 m
Form factor	0.42618
Circularity ratio	0.56149
Elongation ratio	0.73639
Highest Stream order	7
Max elevation	6684.0 m
Min elevation	1639.0 m
Mean bifurcation ratio	3.0662
Stream frequency	105.6800 per km ²
Relief	5045.00 m
Drainage density	16.0800 km/km ²
Length of overland flow	31.095 m

CATCHMENT CLIMATOLOGY

