

Umtru Masonry Weir, Dehal, Byrnihat Dam

Location	26.0064° N, 91.8111° E
State	Meghalaya
Nearest City	Guwahati..
Year of Completion	1957
Operated and Maintained by	Meghalaya Power Generation Corporation Limited
River Basin	Brahmaputra
River	Umtru
Dam Type	Other
Height above lowest foundation level	23.8 m
Dam length	147.9 m
Reservoir Area	480000.0 m ²
Gross storage capacity	1970000.0 m ³
Effective storage capacity	1094000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	1024.7 km ²
Perimeter of catchment	237.1 km
Basin Length	48480.0 m
Form factor	0.43598
Circularity ratio	0.22911
Elongation ratio	0.74481
Highest Stream order	8
Max elevation	1757.0 m
Min elevation	120.0 m
Mean bifurcation ratio	2.4350
Stream frequency	80.7530 per km ²
Relief	1637.00 m
Drainage density	11.1070 km/km ²
Length of overland flow	45.017 m

CATCHMENT CLIMATOLOGY

