

Umiam -Umtru Concrete Dam(Stage -Iii), Kyrdemkulai Dam

Location	25.7314° N, 91.7948° E
State	Meghalaya
Nearest City	Shillong
Year of Completion	1965
Operated and Maintained by	Meghalaya Power Generation Corporation Limited
River Basin	Brahmaputra
River	Umtru
Dam Type	Other
Height above lowest foundation level	27.5 m
Dam length	106.7 m
Reservoir Area	520000.0 m ²
Gross storage capacity	2780000.0 m ³
Effective storage capacity	1860000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	153.1 km ²
Perimeter of catchment	85.5 km
Basin Length	23260.0 m
Form factor	0.28300
Circularity ratio	0.26309
Elongation ratio	0.60007
Highest Stream order	7
Max elevation	1744.0 m
Min elevation	673.0 m
Mean bifurcation ratio	2.6722
Stream frequency	79.3980 per km ²
Relief	1071.00 m
Drainage density	10.7870 km/km ²
Length of overland flow	46.353 m

CATCHMENT CLIMATOLOGY

