

Hatianalla M.I.P Dam

Location	21.9523° N, 84.2636° E
State	Odisha
Nearest City	Jharsugada
Year of Completion	1997
Operated and Maintained by	Odisha Water Resources Department
River Basin	Mahanadi
River	Hatia
Dam Type	Earthfill Embankment
Height above lowest foundation level	19.2 m
Dam length	1555.0 m
Reservoir Area	2374432.0 m ²
Gross storage capacity	11612800.0 m ³
Effective storage capacity	m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	113.0 km ²
Perimeter of catchment	59.2 km
Basin Length	20359.0 m
Form factor	0.27254
Circularity ratio	0.40476
Elongation ratio	0.58888
Highest Stream order	6
Max elevation	520.0 m
Min elevation	232.0 m
Mean bifurcation ratio	2.6625
Stream frequency	73.2720 per km ²
Relief	288.00 m
Drainage density	9.7920 km/km ²
Length of overland flow	51.061 m

CATCHMENT CLIMATOLOGY

