

Welpuri Dam

Location	19.0639° N, 75.0406° E
State	Maharashtra
Nearest City	Ashti
Year of Completion	1979
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Krishna
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	20.5 m
Dam length	521.0 m
Reservoir Area	410000.0 m ²
Gross storage capacity	1797000.0 m ³
Effective storage capacity	1610000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	26.9 km ²
Perimeter of catchment	28.2 km
Basin Length	9214.7 m
Form factor	0.31679
Circularity ratio	0.42421
Elongation ratio	0.63489
Highest Stream order	5
Max elevation	873.0 m
Min elevation	725.0 m
Mean bifurcation ratio	3.0375
Stream frequency	86.3970 per km ²
Relief	148.00 m
Drainage density	12.7200 km/km ²
Length of overland flow	39.308 m

CATCHMENT CLIMATOLOGY

