

Panjra Bothli Dam

Location	20.9072° N, 78.3467° E
State	Maharashtra
Nearest City	Arvi
Year of Completion	1975
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Godavari
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	17.6 m
Dam length	380.0 m
Reservoir Area	290000.0 m ²
Gross storage capacity	2050000.0 m ³
Effective storage capacity	1950000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	11.9 km ²
Perimeter of catchment	16.8 km
Basin Length	5510.3 m
Form factor	0.39170
Circularity ratio	0.53256
Elongation ratio	0.70597
Highest Stream order	5
Max elevation	402.0 m
Min elevation	312.0 m
Mean bifurcation ratio	2.2047
Stream frequency	70.5450 per km ²
Relief	90.00 m
Drainage density	9.1200 km/km ²
Length of overland flow	54.824 m

CATCHMENT CLIMATOLOGY

