

Pargaon Ghatshil Dam

Location	19.1211° N, 75.3583° E
State	Maharashtra
Nearest City	Patoda
Year of Completion	1977
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Godavari
River	Kinha
Dam Type	Earthfill Embankment
Height above lowest foundation level	22.5 m
Dam length	935.0 m
Reservoir Area	3740000.0 m ²
Gross storage capacity	12370000.0 m ³
Effective storage capacity	8410000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	152.7 km ²
Perimeter of catchment	63.9 km
Basin Length	21255.0 m
Form factor	0.33804
Circularity ratio	0.46979
Elongation ratio	0.65584
Highest Stream order	6
Max elevation	790.0 m
Min elevation	561.0 m
Mean bifurcation ratio	3.0347
Stream frequency	77.2070 per km ²
Relief	229.00 m
Drainage density	10.8810 km/km ²
Length of overland flow	45.954 m

CATCHMENT CLIMATOLOGY

