

Ghatprabha (Phatakwadi) Dam

Location	15.9417° N, 74.0719° E
State	Maharashtra
Nearest City	Chandgad
Year of Completion	2009
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	West Coast
River	Ghataprabha
Dam Type	Earthfill Embankment
Height above lowest foundation level	48.3 m
Dam length	1088.0 m
Reservoir Area	2510000.0 m ²
Gross storage capacity	43760000.0 m ³
Effective storage capacity	43610000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	55.4 km ²
Perimeter of catchment	34.9 km
Basin Length	8831.2 m
Form factor	0.71044
Circularity ratio	0.57035
Elongation ratio	0.95076
Highest Stream order	6
Max elevation	957.0 m
Min elevation	710.0 m
Mean bifurcation ratio	2.6069
Stream frequency	80.4410 per km ²
Relief	247.00 m
Drainage density	11.7840 km/km ²
Length of overland flow	42.432 m

CATCHMENT CLIMATOLOGY

