

Phaye Dam

Location	16.2825° N, 74.0600° E
State	Maharashtra
Nearest City	Bhudargarh
Year of Completion	2004
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Krishna
River	Local Nala
Dam Type	Earthfill Embankment
Height above lowest foundation level	34.1 m
Dam length	355.7 m
Reservoir Area	373300.0 m ²
Gross storage capacity	3920000.0 m ³
Effective storage capacity	3860000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	7.2 km ²
Perimeter of catchment	11.6 km
Basin Length	2795.9 m
Form factor	0.91710
Circularity ratio	0.67288
Elongation ratio	1.08020
Highest Stream order	5
Max elevation	990.0 m
Min elevation	746.0 m
Mean bifurcation ratio	2.9464
Stream frequency	91.3650 per km ²
Relief	244.00 m
Drainage density	13.7260 km/km ²
Length of overland flow	36.428 m

CATCHMENT CLIMATOLOGY

