

Wadgaon Dam

Location	18.7781° N, 75.2697° E
State	Maharashtra
Nearest City	Asthi
Year of Completion	1978
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Krishna
River	Local Nala
Dam Type	Earthfill Embankment
Height above lowest foundation level	13.5 m
Dam length	890.0 m
Reservoir Area	560000.0 m ²
Gross storage capacity	1454000.0 m ³
Effective storage capacity	1302000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	14.6 km ²
Perimeter of catchment	15.4 km
Basin Length	5672.1 m
Form factor	0.45494
Circularity ratio	0.77754
Elongation ratio	0.76082
Highest Stream order	5
Max elevation	781.0 m
Min elevation	598.0 m
Mean bifurcation ratio	4.6194
Stream frequency	85.2650 per km ²
Relief	183.00 m
Drainage density	12.0560 km/km ²
Length of overland flow	41.475 m

CATCHMENT CLIMATOLOGY

