

Ekrukh Dam

Location	17.7383° N, 75.9092° E
State	Maharashtra
Nearest City	Solapur
Year of Completion	1871
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Krishna
River	Adila
Dam Type	Earthfill Embankment
Height above lowest foundation level	21.4 m
Dam length	2360.0 m
Reservoir Area	18425100.0 m ²
Gross storage capacity	61160000.0 m ³
Effective storage capacity	61160000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	8.8 km ²
Perimeter of catchment	15.3 km
Basin Length	6242.1 m
Form factor	0.22475
Circularity ratio	0.47054
Elongation ratio	0.53476
Highest Stream order	5
Max elevation	497.0 m
Min elevation	450.0 m
Mean bifurcation ratio	2.0652
Stream frequency	77.9920 per km ²
Relief	47.00 m
Drainage density	10.7770 km/km ²
Length of overland flow	46.395 m

CATCHMENT CLIMATOLOGY

