

Kaladeh Dam

Location	24.9800° N, 74.0789° E
State	Rajasthan
Nearest City	Relmagra
Year of Completion	1964
Operated and Maintained by	Rajasthan Water Resources Department
River Basin	Ganga
River	Local Nallah
Dam Type	Earthfill Embankment
Height above lowest foundation level	15.8 m
Dam length	526.0 m
Reservoir Area	550000.0 m ²
Gross storage capacity	2040000.0 m ³
Effective storage capacity	1550000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	14.2 km ²
Perimeter of catchment	19.5 km
Basin Length	7744.9 m
Form factor	0.23752
Circularity ratio	0.46862
Elongation ratio	0.54975
Highest Stream order	5
Max elevation	525.0 m
Min elevation	492.0 m
Mean bifurcation ratio	2.0450
Stream frequency	70.1880 per km ²
Relief	33.00 m
Drainage density	8.6370 km/km ²
Length of overland flow	57.894 m

CATCHMENT CLIMATOLOGY

