

Phulad Dam

Location	25.6111° N, 73.8211° E
State	Rajasthan
Nearest City	Kharchi
Year of Completion	1976
Operated and Maintained by	Rajasthan Water Resources Department
River Basin	Sabarmati
River	Local Nala
Dam Type	Earthfill Embankment
Height above lowest foundation level	14.3 m
Dam length	5610.0 m
Reservoir Area	102000.0 m ²
Gross storage capacity	3722000.0 m ³
Effective storage capacity	3500000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	48.9 km ²
Perimeter of catchment	38.0 km
Basin Length	9297.0 m
Form factor	0.56573
Circularity ratio	0.42626
Elongation ratio	0.84842
Highest Stream order	6
Max elevation	868.0 m
Min elevation	350.0 m
Mean bifurcation ratio	2.4966
Stream frequency	83.4590 per km ²
Relief	518.00 m
Drainage density	11.6320 km/km ²
Length of overland flow	42.985 m

CATCHMENT CLIMATOLOGY

