

Alair Reservoir Dam

Location	13.5833° N, 79.4167° E
State	Andhra Pradesh
Nearest City	Medak
Year of Completion	1922
Operated and Maintained by	Andhra Pradesh Water Resources Department
River Basin	East Coast
River	Alair Stream
Dam Type	Other
Height above lowest foundation level	30.0 m
Dam length	m
Reservoir Area	4349.0 m ²
Gross storage capacity	16187000.0 m ³
Effective storage capacity	m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	2.1 km ²
Perimeter of catchment	9.1 km
Basin Length	3384.2 m
Form factor	0.18053
Circularity ratio	0.31445
Elongation ratio	0.47928
Highest Stream order	3
Max elevation	252.0 m
Min elevation	147.0 m
Mean bifurcation ratio	2.4709
Stream frequency	80.7720 per km ²
Relief	105.00 m
Drainage density	10.6190 km/km ²
Length of overland flow	47.085 m

CATCHMENT CLIMATOLOGY

