

## Details of Major Projects of Water Resources Department

S. NO. (1)	Item (2)	Remarks (3)
	<b>KALAKH IRRIGATION PROJECT</b>	
	Name of Project	
	Purpose of Project : Water Supply/Power/Multipurpose/Irrigation.	
	Name of Dam KALAKH SAGAR ( Lt. 26° 55' 00" Lo. 75° 27' 00" )	
	Year of Completion 1883	
	First filling (Years/Levels) 1981 - 25'	
	Benefits accrued : a) Irrigation b) Water supply c) Power d) Other benefits.	
	<u>Important Controlling Levels</u> (in metres)	
		M.K.S.                      F.P.S.
a)	Top of dam	42.66m                      138' 0"
b)	Maximum water level	39.92m                      131' 0"
c)	Full reservoir level	38.40m                      126' 0"
d)	Sill level of Irrigation sluices	30.48m                      100' 0"
e)	Sill level of scouring sluices	No Scouring sluice is provided
f)	Spillway crest level	39.01m                      128' 0"
g)	Minimum drawdown level	30.48m
h)	Lowest river bed level	27.50m
i)	Deepest Foundation level	21.21m
	<u>Important Salient Features</u>	
a)	Dead Storage Capacity	NIL
b)	Area of foreshore at F.R.L.	N.A.
c)	Design flood adopted (PMF/SPF/Any other) Give relevant magnitude	1215.86 Cusecs
d)	Design spillway discharge capacity and type of spillway.	Broad Crested Type Spillway
e)	Type, number and size of spillway gates.	ungated
f)	Location, sill level and capacity of low level outlets and scouring sluices.	No low level outlet and scouring sluice is provided

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- g) Height of the dam in metres
  - i) above deepest foundation.
  - ii) above lowest river bed.

18.85 m

14.56 m

- h) Gross storage capacity in million cubic metres.

- i) At F.R.L.

16.54 M cum. 584 Mcft

- ii) At M.W.L.

- i) Length of the dam (at crest) in metres.