

SANDUL IRRIGATION PROJECT
SALIENT FEATURES

State:	Odisha
District:	Kalahandi
Basin:	Mahanadi Basin
River:	Sandul
Nearest Village:	Dutta
Location:	Latitude -20 ⁰ -12'-09" N Longitude-83 ⁰ -27'-37" E
Name of block:	M.Rampur
Reference Toposheets:	64-P, 65-M
HYDROLOGY:	
Catchment Area intercepted:	740 Sq.Km
Maximum Annual rainfall over the catchment :	3289mm
Minimum Annual rainfall over the catchment:	834mm
Average Annual rainfall over the catchment:	1656mm
75% Dependable rainfall over the catchment (Annual):	1121mm
75% Dependable rainfall (Monsoon) over the catchment(1995) :	992mm
Monsoon runoff during the 75% dep.year (1995) :	312mm
Design Flood :	5001 Cumecs
BARRAGE DETAILS:	
Length :	172.50m
Pond level (m):	183.00m
Maximum Water level:	185.21m
Size of Gate:	10m X 5.0m
Number of Gates:	14 Nos
Maxm. Discharge capacity:	3472.66 cumecs
COMMAND AREA:	
Gross Command Area (GCA) (Ha):	8565
Culturable Command Area (CCA) (Ha):	5000
Percentage of CCA to GCA:	58.4%
Kharif Area (Ha):	5000
Rabi Area (Ha):	Nil
BLOCKS BENEFITTED:	Karlamunda, Kesinga and M.Rampur blocks of Kalahandi district