

Report on Demarcation of Priority Watersheds in the Catchment of Mandira Dam (Rengali Mandira), River Valley Project, Bihar

ABSTRACT

1. *Survey Area* : *Mandira Dam catchment, Bihar*
2. *Location* : *84^o 15' to 84^o 50' E Longitude and 20^o 20' to 23^o 25' N Latitude*
3. *Total Area* : *421574 ha*
4. *Period of field visit* : *November, 1975 to January 1976*
5. *Type of Survey* : *Rapid Reconnaissance Survey*
6. *Base Material* : *Survey of India Toposheets (1:50,000)*

7. *Priority Categorization :*

<i>Sl. No.</i>	<i>Priority Category</i>	<i>No of Sub watersheds</i>	<i>Area (ha.)</i>	<i>Percentage</i>
1	Very High (above 1501 and above)	15	49197	11.7
2	High (1401-1500)	27	80459	19.1
3	Medium (1301-1400)	40	133019	31.5
4	Low (1201-1300)	34	115175	27.3
5	Very Low (below 1201)	12	43724	10.4
	Grand Total	120	421574	100.00

8. *Salient Features:*

- *Out of 421574 hectares surveyed area, 49197 ha. (11.7%) covered by 15 sub watersheds have been categorized under very high priority area and 80459 ha. (19.1%) covered by 27 sub watersheds have been categorized under high priority area which need immediate attention for suitable soil water conservation measures under integrated watershed development programme.*