

Report on demarcation of priority subwatersheds in Manoli Dam catchment of the Malaprabha stream under Nagarjunsagar Project in Karnataka State.

Abstract

1) Survey area : Part of Malaprabha subcatchment under Nagarjunsagar catchment in Belgaum district in Karnataka.

2) Total area mapped and reported: 2,11,837 hectares

3) Period of survey: November 1977 to April 1978

4) Total number of subwatersheds: 85 nos.

5) Prioritywise distribution of area and subwatersheds.

| Sl. No. | Priorities | Silt yield index ranges | No. of sub-watersheds | Area in hectares | Percentage |
|-------------|------------|-------------------------|-----------------------|------------------|------------|
| 1. | Very high | Above 1300 | 11 | 29065 | 13.7 |
| 2. | High | 1201-1300 | 21 | 56023 | 26.4 |
| 3. | Medium | 1101-1200 | 10 | 25811 | 12.3 |
| 4. | Low | 1001-1100 | 19 | 42315 | 19.9 |
| 5. | Very low | Below 1001 | 24 | 58623 | 27.7 |
| Grand Total | | | 85 | 2,11,837 | 100.0 |