**Baseline study for Fisheries Development in Telangana state**

**ANN – 3.3**

Departmental and Grampanchayat tanks in the study districts

* **Departmental Tanks**

**The nine selected districts have**

* **Overall: No.** 1368; TWSA 70390 ha and EWSA of 35704 ha; short seasonal: 341; TWSA 12232 and 79 EWSA 4396 ha; Long seasonal tanks : No. 948; TWSA 51282 ha and EWSA of 26481 ha; perennial tanks : No. TWSA 6876 ha and EWSA 4827 ha
* **Share of Districts**: Total short seasonal tanks around 70% in Yadadri, Karimnagar, Wanaparthy and Rangareddy collectively account for 224 tanks .
* Total Long seasonal tanks over 55% in Medak 30 No. and Mahabubabad 202 No. aggregating to 507
* Total Perennial tanks about 67% of represented by Wanaparthy 28 No.and Karimnagar 24 No.

The short seasonal tanks hold water for less than six months while long seasonal tanks have water for over 9-10 months

The seasonality wise number and water spread area of departmental tanks in study districts.

The seasonality wise number and water spread area of departmental tanks in study districts is given in the table below:

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **Districts** | **Seasonality** | | | | | | | | | | | |
| **Short Seasonal (ha)** | | | **Long Seasonal (ha)** | | | **Perennial (ha)** | | | **Total (ha)** | | |
| **No.** | **TWSA** | **EWSA** | **No.** | **TWSA** | **EWSA** | **No.** | **TWSA** | **EWSA** | **No.** | **TWSA** | **EWSA** |
| 1 | A1 - KMR | 35 | 948 | 259 | 69 | 2327 | 1145 | 4 | 259 | 194 | 108 | 3534 | 1598 |
| 2 | A2 - KRN | 60 | 1098 | 275 | 53 | 1445 | 723 | 24 | 504 | 378 | 137 | 3047 | 1376 |
| 3 | A3- MAN | 35 | 1290 | 335 | 72 | 2795 | 1398 | 2 | 196 | 147 | 109 | 4281 | 1880 |
|  |  | **130** | **3336** | **869** | **194** | **6567** | **3266** | **30** | **959** | **719** | **354** | **10862** | **4854** |
| 4 | B4 - MDK | 1 | 23 | 6 | 305 | 19971 | 9933 | 9 | 1858 | 1381 | 315 | 21852 | 11320 |
| 5 | B5 - RGR | 50 | 1325 | 347 | 63 | 2529 | 998 | 2 | 130 | 15 | 115 | 3984 | 1360 |
| 6 | B6 - WPY | 50 | 3004 | 758 | 68 | 4359 | 2173 | 28 | 1280 | 876 | 146 | 8643 | 3807 |
|  |  | **101** | **4352** | **1111** | **436** | **26859** | **13104** | **39** | **3268** | **2272** | **576** | **34479** | **16487** |
| 7 | C7 - BDR | 46 | 1395 | 837 | 37 | 3009 | 1794 | 0 | 0 | 0 | 83 | 4404 | 2631 |
| 8 | C8 - MBD | 0 | 0 | 0 | 202 | 8964 | 4482 | 8 | 1594 | 1196 | 210 | 10558 | 5678 |
| 9 | C9 - YDR | 64 | 3149 | 1579 | 79 | 5883 | 3835 | 2 | 1055 | 640 | 145 | 10087 | 6054 |
|  |  | **110** | **4544** | **2416** | **318** | **17856** | **10111** | **10** | **2649** | **1836** | **438** | **25049** | **14363** |
|  | **Total** | **341** | **12232** | **4396** | **948** | **51282** | **26481** | **79** | **6876** | **4827** | **1368** | **70390** | **35704** |

* **Gram panchayath tanks in the study districts**
* **Overall:** No.6310; TWSA 56152 ha (31% share) and 23621 ha of EWSA
* About 6215 are short seasonal and 95 are long seasonal
* over 98.5% are short seasonal capable of holding water for < 6 months while only 1.5% are long seasonal
* only around 32% of gross area is considered suitable/available for fisheries
* Districts, Medak (2160) and Yadradri (973) have nearly 50% of the share
* Mahabubabad and Wanaparthy (784 each) and Bhadradri (482) which have another 20% share

Represent around 33% of the total tanks of the state, 32% of TWSA and 33% of EWSA respectively.

The share of study districts to state total tank resources is about 30% in case of short seasonal tanks, 33% in long seasonal and 34% for perennial tanks respectively.

**Gram panchayath Tanks**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  | **Short Seasonal (ha)** | | | **Long Seasonal (ha)** | | | **Perennial (ha** | | | **Total (ha)** | | |
| **No.** | **TWSA** | **EWSA** | **No.** | **TWSA** | **EWSA** | **No.** | **TWSA** | **EWSA** | **No.** | **TWSA** | **EWSA** |
| 1 | A1 - KMR | 254 | 3656 | 936 | 0 | 0 | 0 |  |  |  | 254 | 3656 | 936 |
| 2 | A2 - KRN | 279 | 2567 | 1925 | 0 | 0 | 0 |  |  |  | 279 | 2567 | 1925 |
| 3 | A3- MAN | 161 | 2438 | 639 | 0 | 0 | 0 |  |  |  | 161 | 2438 | 639 |
|  |  | **694** | **8661** | **3500** | **0** | **0** | **0** |  |  |  | **694** | **8661** | **3500** |
| 4 | B4 - MDK | 2160 | 9464 | 2366 | 0 | 0 | 0 |  |  |  | 2160 | 9464 | 2366 |
| 5 | B5 - RGR | 433 | 12223 | 6112 | 0 | 0 | 0 |  |  |  | 433 | 12223 | 6112 |
| 6 | B6 - WPY | 784 | 2027 | 1014 | 0 | 0 | 0 |  |  |  | 784 | 2027 | 1014 |
|  |  | **3377** | **23714** | **9492** | **0** | **0** | **0** |  |  |  | **3377** | **23714** | **9492** |
| 7 | C7 - BDR | 387 | 2593 | 648 | 95 | 2404 | 1202 |  |  |  | 482 | 4997 | 1850 |
| 8 | C8 - MBD | 784 | 16336 | 8168 | 0 | 0 | 0 |  |  |  | 784 | 16336 | 8168 |
| 9 | C9 - YDR | 973 | 2444 | 611 | 0 | 0 | 0 |  |  |  | 973 | 2444 | 611 |
|  |  | **2144** | **21373** | **9427** | **95** | **2404** | **1202** |  |  |  | **2239** | **23777** | **10629** |
|  |  | **6215** | **53748** | **22419** | **95** | **2404** | **1202** | **0** | **0** | **0** | **6310** | **56152** | **23621** |

The share of study districts to state total tank resources is about 30% in case of short seasonal tanks, 33% in long seasonal and 34% for perennial tanks respectively.

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | | **Tks** | **Short Seasonal (ha)** | | | **Long Seasonal (ha)** | | | **Perennial (ha)** | | | **Total** | | |
| **No.** | **TWSA** | **EWSA** | **No.** | **TWSA** | **EWSA** | **No.** | **TWSA** | **EWSA** | **No.** | **TWSA** | **EWSA** |
| All dist. | | DPT | 1154 | 52450 | 22683 | 3023 | 152560 | 75924 | 249 | 20423 | 14816 | 4426 | 225433 | 113423 |
| GPT | 18533 | 167457 | 72693 | 683 | 11006 | 5504 | 0 | 0 | 0 | 19216 | 178463 | 78197 |
|  | |  | **19687** | **219907** | **95376** | **3706** | **163566** | **81428** | **249** | **20423** | **14816** | **23642** | **403896** | **191620** |
| Study Dist. | | DPT | 341 | 12232 | 4396 | 948 | 51282 | 26481 | 79 | 6876 | 4827 | 1368 | 70390 | 35704 |
| GPT | 6215 | 53748 | 22419 | 95 | 2404 | 1202 | 0 | 0 | 0 | 6310 | 56152 | 23621 |
|  |  |  | **6556** | **65980** | **26815** | **1043** | **53686** | **27683** | **79** | **6876** | **4827** | **7678** | **126542** | **59325** |
| **% to State** | | | **33%** | **30%** | **28%** | **28%** | **33%** | **34%** | **32%** | **34%** | **33%** | **32%** | **31%** | **31%** |
| *Note: Where there is no seasonality data and only the no. of tanks is given the same is considered has short season in case GP tanks and long season in case of DP tanks* | | | | | | | | | | | | | | |