

## F I G U R E S

| <u>Fig.No.</u> | <u>Title of Figures</u>  | <u>Page</u> |
|----------------|--|-------------|
| 1.1            | Upper Krishna Basin : KEY MAP.   | 3           |
| 1.2            | Upper Krishna Basin : Physiography and Location Map.                       | 5           |
| 1.3            | Upper Krishna Basin : Normal Rainfall.                                     | 10          |
| 1.4            | Upper Krishna Basin : Seasonal Distribution of rainfall.                   | 12          |
| 1.5            | Upper Krishna Basin : Soils.   | 15          |
| 2.1            | Upper Krishna Basin : General Land Use.                                    | 27          |
| 2.2            | Upper Krishna Basin : Major Crops and changes in Area, under Crops.        | 32          |
| 2.3            | Upper Krishna Basin : Talukawise change in Cropping Pattern.               |             |
| 2.3.a          | Upper Krishna Basin : Talukawise Change in Cropping Pattern: Rice.         | 35          |
| 2.3.b          | Upper Krishna Basin : Talukawise Change in Cropping Pattern: Jowar.        | 37          |
| 2.3.c          | Upper Krishna Basin : Talukawise Change in Cropping Pattern: Wheat.        | 39          |
| 2.3.d          | Upper Krishna Basin : Talukawise Change in Cropping Pattern: Pulses.       | 41          |
| 2.3.e          | Upper Krishna Basin : Talukawise Change in Cropping Pattern: Oil-seeds.    | 43          |
| 2.3.f.         | Upper Krishna Basin : Talukawise Change in Cropping Pattern: Sugarcane.    | 44          |
| 2.4            | Upper Krishna Basin : Rank Fluctuation of Major Crops.                     | 56          |
| 2.5            | Upper Krishna Basin : Rainfall Zones.                                      | 62          |
| 2.6            | Upper Krishna Basin : Dominant Cropping Pattern Related to Rainfall Zones. | 65          |

| <u>Fig.No.</u> | <u>Title of Figures</u>   | <u>Page</u> |
|----------------|---|-------------|
| 3.1            | Upper Krishna Basin : Sourcewise Net Area Irrigated.                    | 71          |
| 3.2            | Upper Krishna Basin : Percent share of Irrigated Land in Each Taluka.   | 74          |
| 3.3            | Upper Krishna Basin : Intensity of Irrigation.                          | 77          |
| 3.4            | Upper Krishna Basin : Relative Increase in the Intensity of Irrigation. | 80          |
| 3.5            | Upper Krishna Basin : Co-efficient of Corelation.                       | 85          |
| 4.1            | Upper Krishna Basin : Crop Association Region by Weavers.               | 100         |
| 4.2            | Upper Krishna Basin : Crop Association Region by Doi's.                 | 107         |
| 4.3            | Upper Krishna Basin : Cropping Intensity.                               | 112         |
| 5.1            | Upper Krishna Basin : Agricultural Productivity.                        | 124-125     |