

## **21.1: Annual Rainfall Scenario during 2009**

### **Rainfall in 2009 (January – December)**

In 2009, the annual rainfall over the country as a whole was 79% of Long Period Average (LPA). Out of 36 meteorological subdivisions, one received excess rainfall, 14 received normal rainfall and 21 received deficient rainfall. Season wise rainfall distribution over the country as a whole was as follows:

Winter (January to February 2009):	54% of LPA
Pre-monsoon (March to May 2009):	68% of LPA
Monsoon (June to September 2009):	77% of LPA
Post-Monsoon (Oct. to Dec. 2009):	108% of LPA

### **Season – wise Performance**

#### **Winter Season (January – February 2009)**

During the winter season rainfall activity over the country as a whole remained generally subdued recording 54% of the LPA rainfall. At sub-division level, one subdivision (Jammu & Kashmir) received normal rainfall, 4 Subdivisions (Arunachal Pradesh, Punjab, Himachal Pradesh and West Rajasthan) received deficient rainfall, 24 received scanty rainfall and 7 subdivisions did not receive any rains.

#### **Pre-Monsoon Season (March – May 2009)**

Rainfall activity during the Pre-monsoon season over the country as a whole was also subdued recording only 68% of LPA rainfall. Out of 36 meteorological subdivisions, 2 received excess rainfall, 10 received normal rainfall, 16 received deficient rainfall, 7 received scanty rainfall and no rain in one met sub-division.

#### **Monsoon Season (June – September 2009)**

Monsoon season witnessed drought/deficient rainfall in large parts of the country. During the season for the country as whole, rainfall was 77% of its Long Period Average (LPA) value. Seasonal rainfall was 64% of its LPA over Northwest India, 80% of its LPA over Central India, 96% of its LPA over south Peninsula and 73 % of its LPA over Northeast (NE) India. At met sub-division level, 3 subdivisions (Saurashtra & Kutch, North and South Interior Karnataka) received excess rainfall, 10 subdivisions received normal rainfall and remaining 23 sub-divisions received deficient rainfall. Excess / normal rainfall sub-divisions covered 28% of the geographical area of the country. Out of 526 districts for which rainfall data were available, 46 districts (9%) received excess

rainfall, 169 districts (32%) normal rainfall, 270 districts (51%) deficient rainfall and 41 districts (8%) received scanty rainfall.

#### **Post-Monsoon Season (October – December 2009)**

During the post-monsoon season 13 subdivisions received excess rainfall, 10 Subdivisions received normal rainfall, 9 received deficient rainfall and 4 received scanty rainfall. Northeast monsoon seasonal rainfall over south peninsula was 110% of its LPA. Rainfall in 5 Met-subdivisions covered by North-east monsoon was Coastal Andhra Pradesh (-20%), Rayalseema (-1%), Tamil Nadu & Pondicherry (12%), South Interior Karnataka (2%) and Kerala (6%).