

2.CLIMATE AND RAINFALL

2.1.TEMPERATURE AT SELECT STATIONS

Year: 2015-16

(Celsius)

| Months | Mean Maximum | | Mean Minimum | |
|----------------|--------------|--------|--------------|--------|
| | Normal | Actual | Normal | Actual |
| June 2015 | 36.9 | 36.9 | 27.5 | 28.2 |
| July 2015 | 35.0 | 38.2 | 26.3 | 26.6 |
| August 2015 | 34.3 | 35.4 | 25.7 | 26.9 |
| September 2015 | 33.9 | 34.9 | 25.5 | 27.4 |
| October 2015 | 31.8 | 33.2 | 24.5 | 25.8 |
| November 2015 | 29.6 | 29.8 | 23.0 | 24.5 |
| December 2015 | 28.5 | 30.1 | 21.9 | 23.5 |
| January 2016 | 28.8 | 30.4 | 20.9 | 21.7 |
| February 2016 | 30.5 | 32.1 | 22.0 | 23.9 |
| March 2016 | 32.5 | 33.6 | 23.8 | 26.0 |
| April 2016 | 34.3 | 35.6 | 26.4 | 28.5 |
| May 2016 | 36.8 | 36.6 | 27.9 | 28.9 |

Source: Indian Meteorological Department, Chennai - 6

2.2 MONTHLY RAINFALL DATA

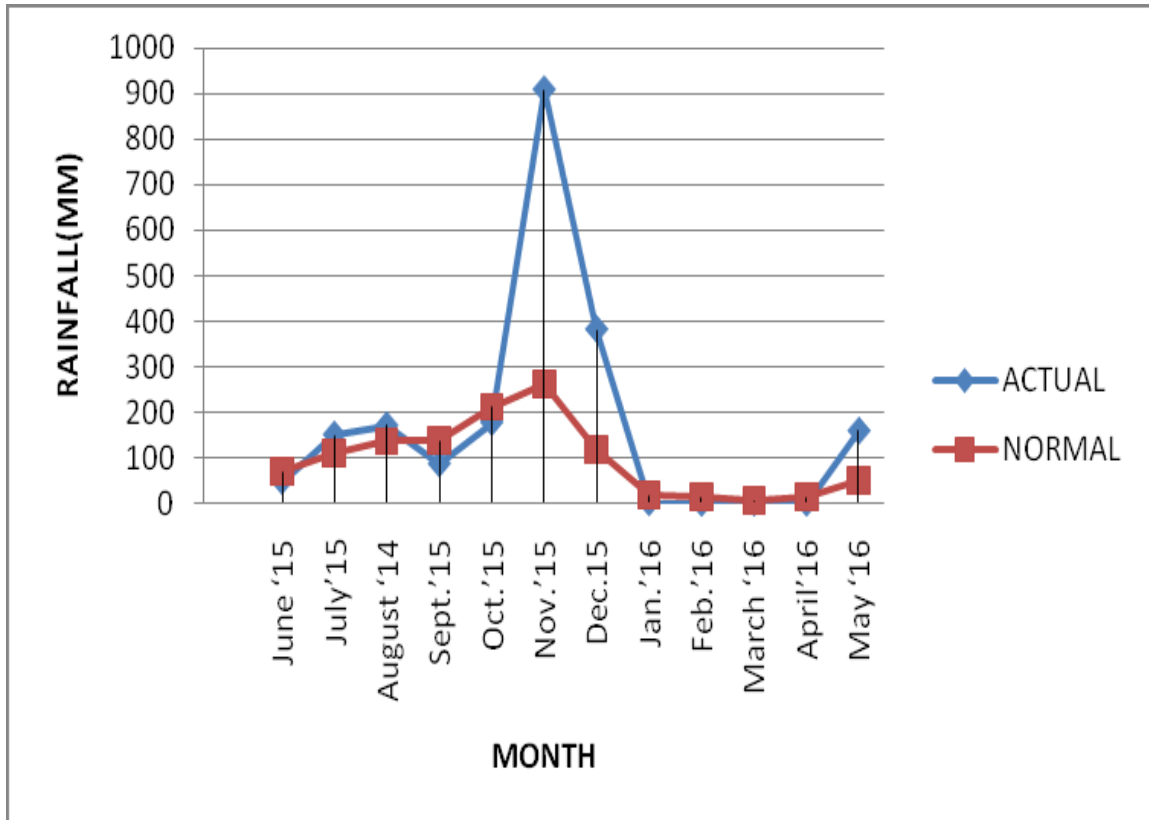
Year: 2015-16

(In MM)

| PERIOD | ACTUAL | NORMAL |
|------------------------------|--------|--------|
| 1. South West Monsoon | | |
| June '15 | 48.7 | 68.6 |
| July'15 | 150 | 110.3 |
| August '14 | 170.4 | 135.4 |
| Sept.'15 | 86.1 | 137.3 |
| TOTAL | 455.2 | 451.6 |
| 2. North East Monsoon | | |
| Oct.'15 | 177.2 | 211 |
| Nov.'15 | 908 | 261.3 |
| Dec.15 | 381.5 | 117 |
| TOTAL | 1466.7 | 589.3 |
| 3. Winter period | | |
| Jan.'16 | 1.2 | 18 |
| Feb.'16 | 0 | 13.5 |
| TOTAL | 1.2 | 31.5 |
| 4. Hot Weather period | | |
| March '16 | 0 | 5.1 |
| April'16 | 0 | 13.7 |
| May '16 | 158.6 | 48.4 |
| TOTAL | 158.6 | 67.2 |

Source: Indian Meteorological Department, Chennai - 6

RAINFALL FOR THE YEAR 2015-16



2.3 TIME SERIES DATA OF RAINFALL BY SEASON (LAST 15 YEARS)

(In M.M)

| Sl. No | Year | South West Monsoon | | North East Monsoon | | Winter Season | | Hot Weather Season | | Total | | % Deviation (+ or - or =) from |
|--------|---------|--------------------|--------|--------------------|--------|---------------|--------|--------------------|--------|--------|--------|--------------------------------|
| | | Normal | Actual | Normal | Actual | Normal | Actual | Normal | Actual | Normal | Actual | |
| 1 | 2001-02 | 426.9 | 380.4 | 546.8 | 704.4 | 32.4 | 39.2 | 63.2 | 26.5 | 1069.3 | 1150.5 | +7.59 |
| 2 | 2002-03 | 447.5 | 276.6 | 599.6 | 495.9 | 30.5 | - | 65.7 | 49.9 | 1143.3 | 822.4 | -28.1 |
| 3 | 2003-04 | 449.5 | 413.7 | 604.1 | 376.8 | 33.5 | 16.6 | 65.7 | 243.7 | 1152.8 | 1050.8 | -8.9 |
| 4 | 2004-05 | 449.5 | 351.6 | 604.1 | 450.0 | 33.5 | 0.2 | 65.7 | 123.4 | 1152.8 | 925.2 | -19.7 |
| 5 | 2005-06 | 449.5 | 463.9 | 604.1 | 1417.9 | 33.5 | 0.2 | 65.7 | 64.9 | 1152.8 | 1946.9 | +68.9 |
| 6 | 2006-07 | 449.5 | 429.2 | 604.1 | 667.9 | 33.5 | 2.5 | 65.7 | 44.5 | 1152.8 | 1144.1 | -0.75 |
| 7 | 2007-08 | 449.5 | 677.3 | 604.1 | 607.4 | 33.5 | 68.6 | 65.7 | 168.8 | 1152.8 | 1522.1 | +32.0 |
| 8 | 2008-09 | 449.5 | 420.2 | 604.1 | 740.1 | 33.5 | 11.4 | 65.7 | 15.0 | 1152.8 | 1186.7 | +2.9 |
| 9 | 2009-10 | 449.5 | 331.7 | 604.1 | 589.9 | 33.5 | 2.3 | 65.7 | 138.1 | 1152.8 | 1062.0 | -7.9 |
| 10 | 2010-11 | 448.4 | 648.1 | 812.7 | 756.8 | 37.9 | 99.7 | 50.6 | 31.1 | 1349.6 | 1535.7 | +14.0 |
| 11 | 2011-12 | 451.6 | 613.9 | 589.3 | 668.7 | 31.5 | 8.3 | 67.2 | 24.4 | 1139.6 | 1315.5 | +15.4 |
| 12 | 2012-13 | 520.2 | 504.0 | 828.5 | 604.9 | 32.2 | 20.0 | 61.1 | 86.3 | 1442.0 | 1215.2 | -45.0 |
| 13 | 2013-14 | 451.6 | 612.5 | 589.3 | 342.0 | 31.5 | 1.5 | 67.2 | 24.6 | 1139.6 | 980.6 | -14.0 |
| 14 | 2014-15 | 451.6 | 424.8 | 589.3 | 487.1 | 31.5 | 0.8 | 67.2 | 93.3 | 1139.6 | 1006 | -11.7 |
| 15 | 2015-16 | 451.6 | 455.2 | 589.3 | 1466.7 | 31.5 | 1.2 | 67.2 | 158.6 | 1139.6 | 2081.7 | -942.1 |

Source : Department of Economics and Statistics, Chennai-6