

Chapter – 6 Continued

Presentation of Results (Tables of Results)

Table – 6.2.1
(Highest Maximum Temperature and Lowest Minimum Temperature occurred during Year)

STATION : DHUBRI				
Year	Highest Maximum Temperature (in Degree Celsius)	Date Of Occurrence	Lowest Minimum Temperature (in Degree Celsius)	Date Of Occurrence
1969	36.5	21/05	8.1	16/01
1970	36.1	01/04	9.1	29/01
1971	35.2	23/05	7.3	31/01
1972	35.2	27/03 & 13/07	8.8	08/02
1973	39.6	17/04	9.2	10/01
1974	35.7	18/03	9.3	08/02
1975	37.8	03/04	9.6	10/01
1976	38.4	13/04	8.6	22/01
1977	35.7	21/03	7.6	30/01
1979	38.7	06/06	8.9	05/01
1980	37.5	16/04	8.4	18/01
1981	35.8	13/06	9.4	10/01
2001	36.1	07/04	8.8	06/01
2003	35.8	03/06	6.1	24/01
2004	35.5	08/05	9.5	27/12

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2005	35.3	19/09	10.4	25/01
2006	36.4	11/08	10.5	23/01
2007	36.8	10/08	8.9	15/01
2008	35.2	09/08	9.1	02/02
2009	36.3	27/04	10.0	30/12
2010	35.5	21/03	10.0	3/6/01 & 21/12

Table – 6.2.2
(Highest Maximum Temperature and Lowest Minimum Temperature occurred during Year)

STATION : DIBRUGARH

Year	Highest Maximum Temperature (in Degree Celsius)	Date of Occurrence	Lowest Minimum Temperature (in Degree Celsius)	Date of Occurrence
1969	36.5	04/08	4.3	28/12
1970	35.9	19/08	4.3	04/01
1971	35.9	23/06	5.1	20/12
1972	36.2	11/06	6.4	10/02
1973	36.6	25/08	5.7	17/01
1974	36.6	30/05	5.2	05/01
1975	36.5	13/08	5.2	28/12
1976	35.5	28/07	4.8	22/12
1977	35.7	11/09	4.1	03/01

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1978	36.8	14/08	5.2	13/01
1979	37.8	06/06	4.2	09/01
1980	36.7	24/07	5.6	10/01
1981	36.2	21/06	6.3	19/01
1982	36.2	02/08	4.2	27/12
1983	36.1	01/06	3.4	06/01
1984	39.8	07/08	5.4	28/12
1985	35.6	24/06	5.5	19/01
1986	36.2	08/07	5.7	21/01
1987	36.3	21/06	5.0	07/01
1988	38.3	19/08	5.8	03/01
1989	36.6	25/05	4.5	14/01
1990	36.2	28/06	6.2	04/01
1991	36.2	27/07	5.5	23/01
1992	36.8	25/07	4.6	04/01
2000	36.3	14/05	5.3	07/01
2001	37.5	07/07	6.8	26/12
2002	36.4	24/06 & 29/08	7.1	03/01
2003	36.7	24/07	5.8	17/01
2004	35.1	12/13/08	6.1	07/01
2005	36.3	18/09	7.6	13/01
2006	37.5	16/08	7.8	5/8/01

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2007	37.2	04/07	6.7	19/01
2008	37.1	09/07	7.6	02/02
2009	37.2	24/05	8.2	04/01
2010	36.6	05/08	8.5	22/12

Table – 6.2.3
(Highest Maximum Temperature and Lowest Minimum Temperature occurred during Year)

STATION : GUWAHATI

Year	Highest Maximum Temperature (in Degree Celsius)	Date of Occurrence	Lowest Minimum Temperature (in Degree Celsius)	Date of Occurrence
1969	37.1	20/05	5.8	08/02
1970	36.6	01/04	7.2	29/01
1971	36.0	27/03	5.9	31/01 & 01/02
1972	35.7	14/07	8.0	24/12
1973	39.0	10/04	5.0	03/02
1974	36.1	14/08	6.3	07/02
1975	39.2	10/04	7.2	28/12
1976	39.0	17/04	6.6	22/01
1977	35.3	14/08	6.2	30/01
1978	36.8	19/05	7.3 7.3	12/01 31/12
1979	38.6	27/03	6.2	09/01
1980	35.1	01/07	6.4	08/02

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1981	35.8	21/06	7.5	10/01
1982	36.5	26/05	6.2	27/12
1983	36.7	06/04	4.9	06/01
1984	37.2	06/04	6.1	30/01
1985	36.5	26/04	7.8	19/01
1986	38.4	03/04	8.6	20/01
1987	37.2	19/05	7.7	05/01
1988	36.3	10/04	9.2	01/01
1989	36.7	23/07	6.7	14/01
1990	36.0	02/09	8.7	03/01
1991	37.4	20/07	7.4	20/01
1992	39.4	16/04	5.9	05/01
1993	36.4	08/09	7.8	27/12
1994	37.3	16/07	8.8	19/01
1995	36.3	14/05	7.5	22/01
1996	37.2	21/06	9.4	19/01
2000	37.5	13/05	8.5	03/01
2001	36.7	07/04	8.9	08/01
2002	35.7	20/09	8.6	26/01
2003	37.4	26/07	8.0	16/01
2004	38.0	28/03	6.7	27/12
2005	36.6	30/07	8.4	13/01

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2006	38.0	11/08	9.6	12/01
2007	37.3	06/05	6.4	18/01
2008	37.3	08/08	9.7	28/01
2009	38.0	23/05	9.8	28/12
2010	37.2	03/07	8.6	03/01

Table – 6.2.4
(Highest Maximum Temperature and Lowest Minimum Temperature occurred during Year)

STATION : SILCHAR				
Year	Highest Maximum Temperature (in Degree Celsius)	Date of Occurrence	Lowest Minimum Temperature (in Degree Celsius)	Date of Occurrence
1969	35.1	30/05	8.9	16/01
1970	36.0	15/06	8.9	30/01
1971	34.9	05/07	9.2	02/02
1972	34.5	11/06 & 14/07	9.3	10/02
1973	35.5	06/07	9.5	18/01
1974	34.4	29/05	9.0	08/02
1988	37.7	20/09	7.0	28/01
1989	36.0	24/08	6.4	15/01
1990	37.1	14/06	6.8	03/01

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1991	37.9	21/08	9.0	26/01
1992	38.2	15/08	10.0	05/01
1993	36.5	20/09	8.5	22/01
1994	36.9	16/07	9.0	22/01
1995	36.9	11/06	7.5	26/01
1996	37.9	14/09	9.1	22/01
2000	37.3	14/05	9.7	05/01
2001	37.5	08/07	8.5	12/01
2002	37.5	17/05	9.9	01/02
2003	37.3	26/07	9.1	24/01
004	36.9	17/05	8.9	28/12
2005	37.9	15/09	9.4	22/01
2006	39.0	16/08	9.4	22/01
2007	37.9	05/05	7.6	16/01
2008	39.1	24/09	8.5	15/02
2009	38.5	19/07	9.6	03/01
2010	37.2	06/08	7.4	04/02

Table – 6.2.5
(Highest Maximum Temperature and Lowest Minimum Temperature occurred during Year)

STATION : TEZPUR				
Year	Highest Maximum Temperature (in Degree Celsius)	Date of Occurrence	Lowest Minimum Temperature (in Degree Celsius)	Date of Occurrence
1969	36.5	03/06	8.8	18/01
1970	35.8	09/07	8.8	06/01
1971	35.9	22/05	8.5	31/01
1972	39.1	02/05	8.5	10/02
1973	37.2	10/07	10.0	20/01
1974	36.6	29/05	9.3	20/01 & 31/12
1975	39.5	17/07 & 02/08	9.1	01/01
1977	38.2	05/03 & 26/05	8.9	30/01
1978	36.4	19/05	8.2	13/01
1979	37.9	06/06	8.5	09/01
1980	35.1	03/09	9.2	10/01
1981	37.1	20/06	9.6	11/01
1982	36.6	14/08	8.4	28/12
1984	36.5	23/06	8.6	31/01 & 31/12
1985	35.4	24/06	9.0	19/01
1986	37.2	11/08	9.3	01/01
1987	36.8	25/08	8.5	07/01

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1988	36.6	06/06	9.5	02/01
1989	38.5	16/10	7.5	14/01
1990	35.7	21/08	9.5	02/01
1991	36.1	22/08	7.8	23/01
1992	36.4	10/06	7.6	05/01
1993	35.9	16/06	9.1	17/01
1994	37.1	16/07	9.4	25/12
1995	36.0	12/06	8.5	24/01
1996	36.9	26/07	9.8	19/01
2000	37.5	13/05	7.6	08/01
2001	36.4	12/06	9.0	07/01
2002	35.7	14/05	9.4	08/01
2003	37.2	24/07	9.3	16/01
2004	35.7	12/08	8.5	29/12
2005	36.1	18/09	8.7	23/01
2006	38.2	25/05	9.2	8.16/01
2007	37.3	06/05	8.0	18/01
2008	36.9	08/07	7.0	03/02
2009	37.8	07/09	8.5	7,8/01
2010	36.8	05/08	9.6	27,28/12

Table – 6.3
(Estimated Value of Annual Maximum Temperature and Annual Minimum Temperature with Estimated Value of Standard Deviation)

Serial No.	Name of Station	Estimated Value of Annual Maximum Temperature (in Degree Celsius)	Estimated Value of Standard Deviation of Annual Maximum Temperature (in Degree Celsius)	Estimated Value of Annual Minimum Temperature (in Degree Celsius)	Estimated Value of Standard Deviation of Annual Minimum Temperature (in Degree Celsius)
1	DHUBRI	36.4333	1.2322	8.9333	1.0172
2	DIBRUGARH	36.6029	0.8459	5.7314	1.2179
3	GUWAHATI	37.0615	1.1433	7.4256	1.2563
4	SILCHAR	37.0000	1.2631	8.7115	0.9472
5	TEZPUR	36.7789	1.0501	8.7847	0.7567

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Table – 6.4
(95 % Confidence Interval of Annual Maximum Temperature and Annual Minimum Temperature)

Serial No.	Name of Station	Lower Limit of Annual Maximum Temperature (in Degree Celsius)	Upper Limit of Annual Maximum Temperature (in Degree Celsius)	Lower Limit of Annual Minimum Temperature (in Degree Celsius)	Upper Limit of Annual Minimum Temperature (in Degree Celsius)
1	DHUBRI	34.0181	38.8485	6.9397	10.9270
2	IBRUGARH	34.9447	38.2610	3.3443	8.1185
3	GUWAHATI	34.8206	39.3025	4.9632	9.8880
4	SILCHAR	34.5243	39.4756	6.8550	10.5680
5	TEZPUR	34.7207	38.8371	7.3014	10.2680

Table – 6.5
(99 % Confidence Interval of Annual Maximum Temperature and Annual Minimum Temperature)

Serial No.	Name of Station	Lower Limit of Annual Maximum Temperature (in Degree Celsius)	Upper Limit of Annual Maximum Temperature (in Degree Celsius)	Lower Limit of Annual Minimum Temperature (in Degree Celsius)	Upper Limit of Annual Minimum Temperature (in Degree Celsius)
1	DHUBRI	33.2542	39.6125	6.3091	11.5576
2	DIBRUGARH	34.4202	38.7855	2.5892	8.8736
3	GUWAHATI	34.1117	40.0114	4.1843	10.6669
4	SILCHAR	33.7412	40.2588	6.2677	11.1553
5	TEZPUR	34.0696	39.4882	6.8322	10.7372

Table – 6.6
(Natural Interval of Annual Maximum Temperature and Annual Minimum Temperature)

Serial No.	Name of Station	Lower Limit of Annual Maximum Temperature (in Degree Celsius)	Upper Limit of Annual Maximum Temperature (in Degree Celsius)	Lower Limit of Annual Minimum Temperature (in Degree Celsius)	Upper Limit of Annual Minimum Temperature (in Degree Celsius)
1	DHUBRI	32.7366	40.1301	5.8818	11.9848
2	DIBRUGARH	34.0649	39.1408	2.0777	9.3852
3	GUWAHATI	33.6350	40.4912	3.6567	11.1945
4	SILCHAR	33.2107	40.7893	5.8699	11.5531
5	TEZPUR	33.6286	39.9293	6.5144	11.0551

Table – 6.7
(Number of Annual Maximum Temperature and Annual Minimum Temperature falling out side of the Corresponding Natural Intervals)

Serial No.	Name of Station	Number of Annual Maximum Temperature falling out side of the Natural Interval given by Columns 3 & 4 of Table-6.6	Number of Annual Minimum Temperature falling out side of the Natural Interval given by Columns 5 & 6 of Table-6.6
1	DHUBRI	0	0
2	DIBRUGARH	1	0
3	GUWAHATI	0	0
4	SILCHAR	0	0
5	TEZPUR	0	0