

METEOROLOGICAL DATA AT THE FOREST RESEARCH INSTITUTE, CHITTAGONG  
FROM JANUARY TO JUNE, 1973.

RATAN LAL BANIK

MOBASHWAR AHAMED

Summary of data for the month of January to June, 1973.

Station: Forest Research Institute, Chittagong.

Time of observation: 0800 hours.

Legends:

Temp (c)	- Temperature of Air in degrees centigrade
R.H. (%)	- Relative Humidity in percent
Atm (mm)	- Atmospheric pressure in millimeter of mercury
Soil Temp (c)	- Soil Temperature in degrees centigrade
R.F. (mm)	- Rainfall in millimeter
D.S.S. (Hr-min)	- Duration of Sun-shine in hours and minutes
Evap. (mm)	- Evaporation in millimeters

Factor	Months					
	January	February	March	April	May	June
1	2	3	4	5	6	7
Temp (C)						
Mean	19.78	22.35	24.19	27.43	26.70	27.48
Max						
Average	28.00	29.77	31.15	31.67	30.93	30.66
Highest recorded	31.2	32.8	36.0	32.6	33.8	33.5
Date	11, 29th	23rd	26th	6, 20th	6th	10th
Lowest recorded	25.0	25.2	25.5	30.9	22.6	25.6
Date	25th	2nd	9th	3rd	26th	17th
Min.						
Average	11.55	14.92	17.23	23.19	22.46	24.28
Highest recorded	18.0	20.4	21.0	25.8	25.6	25.3
Date	14th	28th	21st	15th	24th	3rd
Lowest recorded	9.0	10.6	13.5	19.6	19.5	22.0
Date	25th	8th	6th	26th	12th	18th

	1	2	3	4	5	6	7
R.H. (%) Mean	55.12	55.77	55.53	63.45	66.41	68.02	
Max Average	82.03	81.60	79.31	80.40	81.67	80.27	
Highest recorded	85.0	86.0	85.0	85.5	84.8	84.0	
Date	8, 14th	9th	20th	23rd	25th	13th	
Lowest recorded	75.2	76.3	55.8	76.0	77.9	78.0	
Date	28th	23rd	25th	16, 21st	11th	22nd	
Min Average	28.20	29.93	31.76	46.50	51.14	55.77	
Highest recorded	53.0	48.0	52.2	55.0	68.0	73.5	
Date	23rd	19th	28th	11th	29th	17th	
Lowest recorded	17.0	19.0	19.0	38.0	40.8	45.2	
Date	27, 31st	23rd	16, 17th	30th	20th	10th	
Atm (mm) Mean	765.90	765.82	763.32	760.31	758.71	756.32	
Max Average	767.52	767.62	765.06	762.26	760.40	757.90	
Highest recorded	769.0	770.8	766.8	764.8	763.0	761.8	
Date	11th	1st	21st	18th	22nd	4th	
Lowest recorded	764.9	763.8	756.2	760.2	757.0	750.7	
Date	15th	28th	18th	29th	29th	16th	
Min Average	764.27	764.02	761.57	758.35	757.01	754.74	
Highest recorded	766.2	767.0	765.3	760.8	760.8	760.0	
Date	31st	4th	5th	6th	26th	1st	
Lowest recorded	761.0	760.0	758.2	755.5	753.5	748.2	
Date	14th	27, 28th	13th	29th	10th	16th	
R.F. (mm) No. of Rainy days	1	1	4	8	18	19	
Average Total	1.41	1.00	1.05	3.94	17.14	13.22	
Rainfall Highest recorded	43.8	28.2	32.7	118.4	531.5	396.7	
Date	14th	19th	1st	28th	7th	14th	
Lowest recorded	0	0	0.2	0.4	2.0	0.8	
Date	2nd	11th	2nd	11th	1st	7th	

	1	2	3	4	5	6	7
Soil Temp (C)	Mean	23.26	23.86	25.69	29.17	29.16	29.09
50 (cm) depth	Average	21.75	23.46	26.47	30.53	29.52	29.91
	Highest recorded	22.6	25.0	29.0	32.0	31.6	31.7
	Date	3, 11, 15th	28th	31st	20, 23rd	24th	6th
	Lowest recorded	20.8	21.7	24.2	28.6	28.0	24.4
	Date	19, 21st	4th	9th	29th	11th	1st
100 (cm) depth	Average	23.80	23.70	25.23	29.50	29.53	29.52
	Highest recorded	23.6	24.5	27.6	32.0	32.5	30.4
	Date	15, 16th	19, 28th	31st	20th	3rd	11th
	Lowest recorded	22.5	22.6	24.7	27.9	28.5	27.9
	Date	22, 27, 31st	4th	1, 3, 4th	1st	11, 13, 16th	1st
200 (cm) depth	Average	24.94	24.43	25.38	27.48	28.50	28.84
	Highest recorded	25.5	25.0	26.2	28.4	28.7	29.4
	Date	1st	27th	28, 29, 31st	29, 30th	31st	28th
	Lowest recorded	24.3	24.2	24.7	26.4	28.2	27.7
	Date	31st	2, 8, 12, 13th	7th	1st	4th	6th
=====							
D.S.S.							
(Hr-min) Total		233-30	192-24	252-50	247-35	185-25	136-30
Mean		7-32	6-51	8 - 9	8 -15	5 -59	4 -33
Highest recorded		8-30	8-45	10-0	10-35	10-50	10-40
Date		27, 28th	3rd	29th	29th	12th	1st
Lowest recorded		5-30	2-0	2-15	4-30	1-35	1-0
Date		2nd	1st	7th	14th	10th	28th
=====							
Evp. (mm)	No. of days in which evaporation took place	31	28	31	30	22	26
	Mean	4.24	5.21	5.40	5.36	2.60	2.63
	Total	130.3	145.9	167.2	160.9	80.7	81.7
	Highest recorded	7.1	7.7	8.7	7.4	5.6	4.6
	Date	28th	23rd	18th	15th	2nd	9th
	Lowest recorded	1.3	0.8	2.9	2.3	0.7	0.4
	Date	14th	2nd	2nd	29th	29th	20th