

METEOROLOGICAL DATA AT THE FOREST RESEARCH INSTITUTE, CHITTAGONG  
FROM APRIL TO DECEMBER; 1972.

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Summary of data for the month of April to August, 1972.  
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  
Evp. (mm) - Evaporation in millimeters

Factor	Months					
	April	May	June	July	August	
1	2	3	4	5	6	
Temp (C):						
Mean	26.53	28.85	28.20	27.85	27.15	
Max						
Average	31.22	32.87	31.66	31.12	30.23	
Highest recorded	34.0	34.5	35.5	35.5	33.2	
Date	23.4.72	17.5.72	10.6.72	14.7.72	12.8.72	
Lowest recorded	28.5	30.0	26.9	28.2	26.0	
Date	14.4.72	22.5.72	17.6.72	18.7.72	16.8.72	
Min						
Average	21.84	24.84	24.74	24.59	24.07	
Highest recorded	25.8	28.0	27.8	26.0	25.5	
Date	26.4.72	28.5.72	10.6.72	14.7.72	10.8.72	
Lowest recorded	17.0	19.6	21.0	19.8	22.5	
Date	6.4.72	21.5.72	17.6.72	15.7.72	31.8.72	

	1	2	3	4	5	6
R.H. (%)	Mean	63.54	62.75	67.45	67.98	69.33
Max	Average	81.50	78.62	80.23	79.55	80.78
	Highest recorded	85.0	84.0	83.3	83.0	83.0
	Date	14.4.72	19.5.72	23.6.72	2.7.72	31.8.72
	Lowest recorded	77.0	71.0	77.2	71.0	78.5
	Date	29.4.72	25.5.72	19.6.72	14.7.72	4.8.72
Min	Average	45.57	46.88	54.68	56.42	57.88
	Highest recorded	55.0	57.0	72.0	67.0	70.0
	Date	25.4.72	29.5.72	15.6.72	27.7.72	24.7.72
	Lowest recorded	33.9	38.0	43.0	49.0	49.0
	Date	7.4.72	16.5.72	5.6.72	13.7.72	12.8.72
Atm (mm)	Mean	761.67	759.20	756.99	754.82	757.04
Max	Average	763.58	760.93	758.64	756.42	758.56
	Highest recorded	766.0	763.0	768.8	760.0	761.0
	Date	14.4.72	31.5.72	5.6.72	9.7.72	28,29.8.72
	Lowest recorded	761.2	758.2	755.0	751.0	755.2
	Date	25.4.72	21.5.72	30.6.72	13.7.72	5.8.72
Min	Average	759.77	757.47	755.34	753.23	755.53
	Highest recorded	762.0	759.8	759.0	757.4	758.0
	Date	14.4.72	24.5.72	1.6.72	9.7.72	24,28,29.8.72
	Lowest recorded	757.7	754.8	752.0	747.0	753.0
	Date	25.4.72	19.5.72	30.6.72	13.7.72	2,3,5,6.8.72
R.F. (mm)	No. of Rainy days	11	10	14	24	29
	Average	2.74	5.06	16.99	14.13	18.25
	Total Rainfall	82.3	156.9	509.8	438.0	565.8
	Highest recorded	29.8	58.8	100.3	111.8	60.8
	Date	18.4.72	22.5.72	18.6.72	18.7.72	5.8.72
	Lowest recorded	0.2	0.3	1.0	0.1	0.2
	Date	15.4.72	29.5.72	27.6.72	5.7.72	19.8.72

	1	2	3	4	5	6
Soil Temp (C)	Mean	28.21	29.97	29.22	29.11	29.02
50 (cm) depth	Average	29.11	31.10	29.65	29.73	29.05
	Highest recorded	30.6	32.6	32.5	30.7	30.0
	Date	27.4.72	18.5.72	10.6.72	14.7.72	2-4.8.72
	Lowest recorded	27.6	28.0	26.2	28.4	27.5
	Date	19.4.72	22.5.72	18.6.72	21.7.72	17.8.72
100 (cm) depth	Average	28.44	30.31	29.33	28.83	29.12
	Highest recorded	29.20	32.0	31.1	30.0	29.6
	Date	30.4.72	18, 19, 5.72	42.6.72	14, 15.7.72	3.8.72
	Lowest recorded	27.90	29.0	27.0	29.0	28.5
	Date	19.4.72	1.5.72	18, 19.6.72	19-24.7.72	19.8.72
200 (cm) depth	Average	27.07	28.42	28.69	28.76	28.90
	Highest recorded	27.50	29.0	29.5	29.8	29.0
	Date	27-30.4.72	22-25.5.72	10.6.72	29.7.72	2-20.8.72
	Lowest recorded	26.50	27.5	28.0	28.0	28.0
	Date	2, 3.4.72	3, 4.5.72	30.6.72	2.7.72	1.8.72
D.S.S. (Hr-min)	Total	79-35	204-45	105-20	110-40	102-14
	Mean	2-39	6-36	3-31	3-34	3-18
	Highest recorded	9-37	10-30	10-25	6-5	9-35
	Date	2, 4, 15, 19.4	5.5.72	28.6.72	12.7.72	22, 29.8.72
	Lowest recorded	1-15	0-45	0-05	0-15	0-12
	Date	27.4.72	23.5.72	5.6.72	31.7.72	5.8.72
Evp. (mm)	No. of days in which evaporation took place	31	31	23	30	16
	Mean	4.10	5.94	1.95	1.35	0.2
	Total	123.1	125.9	58.5	41.8	7.8
	Highest recorded	5.6	6.3	4.2	2.8	1.0
	Date	4.4.72	2.5.72	2.6.72	5.7.72	3.8.72
	Lowest recorded	2.9	1.6	0.9	0.2	0.2
	Date	3.4.72	22.5.72	6.6.72	2, 25, 29.7.72	9.8.72

Summary of data for the month of September to December, 1972.  
 Station: Forest Research Institute, Chittagong.  
 Time of observation: 0800 hours.

Factor		Months			
		September	October	November	December
1	2	3	4	5	
Temp (C)	Mean	28.52	26.96	24.49	20.59
Max	Average	32.66	32.05	30.62	28.49
	Highest recorded	35.5	35.0	32.5	33.8
	Date	20.9.72	28.10.72	1.11.72	3.12.72
	Lowest recorded	30.0	27.2	27.0	25.2
	Date	1.9.72	9.10.72	28.11.72	28.12.72
Min	Average	24.38	21.88	18.37	12.68
	Highest recorded	26.0	24.5	22.0	18.2
	Date	19.9.72	11.10.72	1.11.72	2.12.72
	Lowest recorded	23.1	18.2	14.2	9.21
	Date	29.9.72	22.10.72	10.11.72	27.12.72
R.H. (%)	Mean	65.39	64.11	61.06	57.58
Max	Average	81.25	81.77	82.13	82.78
	Highest recorded	82.0	83.0	83.5	85.6
	Date	13,17,22,24,	13.22,24.	15.11.72	27.12.72
	Lowest recorded	27.9.72	10.72	78.0	74.2
	Date	11.9.72	4.10.72	20.11.72	1.12.72
Min	Average	49.54	46.45	39.99	32.36
	Highest recorded	57.0	69.0	61.8	62.0
	Date	1,23.9.72	10.10.72	28.11.72	7.12.72
	Lowest recorded	44.0	33.0	25.0	17.4
	Date	11,20,29.9.72	22.10.72	10.11.72	12.12.72

	1	2	3	4	5
Atm.(mm) Mean	760.16	763.55	764.32	766.09	
Max Average	761.92	765.18	765.80	767.64	
Highest recorded	764.0	768.0	768.2	771.2	
Date	27,28,29,30.9.72	25.10.72	24.11.72	27.12.72	
Lowest recorded	759.0	763.0	764.0	766.0	
Date	9,21.9.72	12.10.72	20,21.11.72	8.12.72	
Min Average	758.41	761.93	762.83	764.53	
Highest recorded	761.2	764.8	765.1	767.6	
Date	27,30.9.72	25.10.72	25.11.72	27.12.72	
Lowest recorded	753.0	759.9	761.0	763.0	
Date	1.9.72	12.10.72	20.11.72	8,10,30.12.72	
R.F.(mm) No. of Rainy days	15	11	2	0	
Average	3.16	3.11	0.9		
Total rainfall	94.9	96.4	29.2		
Highest recorded	26.8	23.3	20.0		
Date	29.9.72	9.10.72	28.11.72		
Lowest recorded	0.1	0.4	9.2		
Date	1,2.9.72	19.10.72	30.11.72		
Soil Temp (C) Mean	29.81	29.16	27.68	24.89	
50(cm) depth Average	30.34	29.09	27.13	23.20	
Highest recorded	31.0	30.4	29.0	27.3	
Date	9,10,20.9.72	5.10.72	1-3.11.72	1.12.72	
Lowest recorded	29.1	28.2	25.6	21.4	
Date	1.9.72	26.10.72	19.11.72	28.12.72	
100(cm) depth Average	29.99	29.27	27.77	24.90	
Highest recorded	30.5	30.2	29.0	27.2	
Date	20-23.9.72	1.10.72	1-4.11.72	1.12.72	
Lowest recorded	28.8	28.6	26.8	23.3	
Date	1.9.72	28,29.10.72	21,19.11.72	30.12.72	

200 (cm)		1	2	3	4	5
Average		29.10	29.14	28.15	26.57	
Highest recorded		29.5	29.5	28.7	27.6	
Date		25,28.9.72	8.10.72	3.11.72	2.12.72	
Lowest recorded		28.6	28.6	27.3	25.5	
Date		1.9.72	30.10.72	25.11.72	30,31.12.72	
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D.S.S.						
(hr-min) Total		183-0	200-0	184-20	241-10	
Mean		6-6	6-47	6-9	7-47	
Highest recorded		9-30	10-0	8-45	8-30	
Date		23.9.72	2.10.72	2.11.72	2.12.72	
Lowest recorded		2-0	2-20	0-45	6-35	
Date		29-9-72	6.10.72	20.11.72	30.12.72	
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Evp. (mm)	No. of days in which evaporation took place	30	31	30	31	
Mean		1.55	2.90	3.49	4.68	
Total		46.4	89.8	104.8	145.2	
Highest recorded		3.8	5.0	6.0	8.2	
Date		29.9.72	22.10.72	25.11.72	1.12.72	
Lowest recorded		0.3	0.2	0.4	3.6	
Date		6.9.72	10.10.72	19.11.72	18.12.72	