

Summary of Wind Data :

STATION : PATENGA (Sensor Height : 25m)

<i>Name of Month</i>	<i>Monthly Mean Wind Speed (m/s)</i>	<i>Standard Deviation (m/s)</i>	<i>Peak Wind Speed(m/s) (Date/time)</i>	<i>Lull Period (Hours)</i>	<i>Coefficient of variation</i>	<i>Prevailing wind direction</i>
July '96	5.87	0.67	16.92 (11/0230)	9.77	0.13	SE
August'96	5.32	0.62	21.08 (6/0840)	28.67	0.13	SE
September'96	3.36	0.48	14.83(27/1300)	111.00	0.18	SE/NW
October'96	3.20	0.55	22.33(29/1300)	94.50	0.20	NE
November'96	2.61	0.35	8.17(6/1820)	50.17	0.15	NE
December'96	2.97	0.37	8.58(3/1410)	21.50	0.14	NE
January'97	3.25	0.39	12.33(21/2330)	20.17	0.14	NE
February'97	2.66	0.34	11.5(6/2200)	124.80	0.15	NE/E
March'97	3.13	0.40	40.25(22/0450)	256.67	0.12	SW
April'97	2.88	0.45	27.75(22/1720)	210.50	0.18	E/SW
May'97	4.96	0.63	51.08(18/1900)	101.33	0.16	S
June'97	5.83	0.75	23.17(1/0650)	50.50	0.17	S/SE
July'97	5.67	0.76	19.38(29/1300)	45.83	0.17	SE
August'97	5.13	0.65	20.67(4/1010)	32.23	0.14	SE
Annual Average	3.84	0.50	-	89.96	0.15	-

Percentage Frequency of Wind Speed Above 4m/s

Name of Month	Patenga	Cox's Bazar	Kutubdia	Teknaf	Noakhali	Kuakata	Char Fassion
July '96	76.78	65.09	-	70.81	-	-	-
August'96	65.77	63.66	-	57.97	60.74	81.14	59.46
September'96	32.82	34.14	36.89	34.49	25.93	45.14	25.3
October'96	25.07	36.18	43.64	31	16.53	18.01	25.43
November'96	6.62	24.54	35.49	18.84	5.35	5.53	Lost
December'96	12.86	19.76	40.3	16.49	5.22	21.26	28.96
January'97	22.78	25.96	41.73	24.53	6.85	27.15	23.63
February'97	17.41	20.18	35	21.9	14.58	29.18	21.75
March'97	32.86	28.52	40.66	26.39	24.13	55.98	35.78
April'97	27.94	18.70	31.37	15.23	24.05	56.02	37.22
May'97	58.42	45.56	61.07	33.40	48.48	78.83	55.76
June'97	73.84	59.56	79.14	40.49	64.70	87.94	70.53
July'97	70.45	60.37	79.12	48.97	63.75	90.46	49.55
August'97	68.67	53.29	66.51	50.99	43.73	-	55.49
September'97	-	30.67	45.05	16.11	27.62	-	32.20
Annual Average	42.31	39.12	48.92	36.26	33.20	66.29	45.39

Percentage Frequency of Wind Speed Above 5m/s

Name of Month	Patenga	Cox's Bazar	Kutubdia	Teknaf	Noakhali	Kuakata	Char Fassion
July '96	61.47	50.12	-	57.78	-	-	-
August'96	49.24	45.16	-	42.07	40.53	71.09	50.30
September'96	16.20	20.90	17.70	21.06	15.67	31.13	18.24
October'96	14.78	19.78	24.96	20.88	10.73	14.72	16.47
November'96	0.25	8.68	10.30	8.01	0.53	0.51	Lost
December'96	2.13	10.57	21.10	8.29	0.40	2.49	5.97
January'97	8.18	14.61	22.47	15.41	2.04	3.27	4.50
February'97	6.10	11.43	16.47	14.09	6.45	7.69	9.40
March'97	22.00	20.05	25.18	18.71	15.95	38.26	24.73
April'97	15.76	11.69	17.20	9.07	14.07	41.37	24.07
May'97	42.70	34.32	42.72	24.35	35.30	67.74	45.92
June'97	61.11	47.18	66.41	28.15	51.20	79.49	59.07
July'97	54.70	48.36	66.51	38.64	48.63	81.35	51.34
August'97	49.35	41.20	53.18	39.16	34.79	-	45.77
September'97	-	18.70	26.94	11.32	17.22	-	21.99
Annual Average	24.47	26.85	31.63	23.80	20.97	36.59	29.06