

Table 8-2. RAMS Model Evaluation Results for the 3-12 August 1993 Episode -- Wind Speeds at 10 m (meters/sec).

(a) 12 Km Grid

Performance Attribute	3 Aug Day 215	4 Aug Day 216	5 Aug Day 217	6 Aug Day 218	7 Aug Day 219	8 Aug Day 220	9 Aug Day 221	10 Aug Day 222	11 Aug Day 223	12 Aug Day 224	Mean Value
Mean Observed Wind Speed	2.05	2.02	1.01	0.96	0.74	0.53	1.13	1.16	0.89	0.65	1.11
Mean Predicted Wind Speed	3.98	3.92	2.92	2.58	2.76	0.93	1.59	2.19	2.62	3.12	2.66
Observed Standard Deviation	1.91	1.88	1.79	2.38	1.94	1.57	1.58	1.84	1.70	1.38	1.80
Predicted Standard Deviation	1.74	1.25	1.39	3.07	2.31	1.61	1.73	2.06	1.61	1.17	1.79
RMSE	2.37	2.21	1.92	2.56	2.54	1.73	1.78	1.96	2.10	2.58	2.18
RMSE _S	1.96	1.84	1.60	1.84	1.91	1.36	1.31	1.51	1.60	2.31	1.72
RMSE _U	1.30	1.20	1.05	1.76	1.66	1.02	1.15	1.22	1.33	1.12	1.28
Index of Agreement, I	0.73	0.70	0.79	0.84	0.79	0.77	0.70	0.78	0.74	0.64	0.75
Skill _E	0.73	0.67	0.62	0.78	0.90	0.66	0.79	0.72	0.84	0.82	0.75
Skill _{VAR}	0.98	0.68	0.81	1.30	1.23	1.06	1.18	1.17	0.97	0.85	1.02
Mean Observed Wind Direction (°)	225.7	250.3	299.0	184.8	283.8	82.3	76.2	110.2	128.7	147.8	178.9
Mean Predicted Wind Direction (°)	229.4	231.9	258.5	210.0	267.3	188.9	121.5	150.7	181.1	195.5	203.5