

BALTIMORE GAS AND ELECTRIC COMPANY
 CALVERT CLIFFS NUCLEAR SITE
 WIND RECORD FOR 125 FOOT LEVEL TO 33 FOOT LEVEL
 STABILITY CLASS A (30-2000 FOOT)
 WINDS AT 33 FOOT LEVEL

WIND FREQUENCY DISTRIBUTION
 FREQUENCY IN NUMBER OF OCCURRENCES
 1/01/81 TO 3/31/81
 WIND SPEED (M/S)

WIND DIRECTION	.200-.500	.510-.750	.760-1.100	1.100-1.500	1.500-2.000	2.000-3.000	3.000-5.000	5.000-7.000	7.000-10.000	10.000-13.000	13.000-18.000	>18.000	RTM TOTAL	MEAN SPEED
N	0	0	0	0	0	2	9	0	0	0	0	0	11	3.82
NNE	0	0	0	0	0	1	1	0	0	0	0	0	2	2.93
NE	0	0	0	0	0	0	0	0	0	0	0	0	0	.00
ENE	0	0	0	0	0	0	0	0	0	0	0	0	0	.00
E	0	0	0	0	0	0	0	0	0	0	0	0	0	.00
ESE	0	0	0	0	0	0	0	0	0	0	0	0	0	.00
SE	0	0	0	0	0	0	0	0	0	0	0	0	0	.00
SSE	0	0	0	0	0	0	0	0	0	0	0	0	0	.00
S	0	0	0	0	0	0	0	0	0	0	0	0	0	.00
SSW	0	0	0	0	0	0	0	0	0	0	0	0	0	.00
SW	0	0	0	0	0	0	0	0	0	0	0	0	0	.00
WSW	0	1	0	0	0	0	0	0	0	0	0	0	1	.76
W	0	0	0	0	1	1	0	0	0	0	0	0	2	2.19
WNW	0	0	0	1	0	0	2	0	0	0	0	0	3	3.38
W	0	0	0	0	0	0	0	0	0	0	0	0	0	.00
WNW	0	0	0	0	0	0	2	0	0	0	0	0	2	4.27
TOTAL	0	1	0	1	1	4	14	0	0	0	0	0	21	

NUMBER OF CALMS 0

NUMBER OF INVALID HOURS 0 (TOTAL NUMBER OF POSSIBLE OBSERVATIONS LESS NUMBER OF VALID HOURS)

NUMBER OF VALID HOURS 2160 (TOTAL NUMBER OF POSSIBLE OBSERVATIONS WITH VALID SPEED, DIRECTION, AND STABILITY)

BALTIMORE GAS AND ELECTRIC COMPANY
 CALVERT CLIFFS NUCLEAR SITE
 WIND REDUCED FROM 125 FOOT LEVEL TO 33 FOOT LP
 STABILITY CLASS A (30-200 FOOT)
 WINDS AT 33 FOOT LEVEL

WIND FREQUENCY DISTRIBUTION

FREQUENCY IN PERCENT OF TOTAL

1/01/81 TO 3/31/81

WIND SPEED (M/S)

WIND DIRECTION	.200-.500	.510-.750	.760-1.10	1.10-1.50	1.50-2.10	2.10-3.10	3.10-5	5.10-7	7.10-10	10.1-13	13.1-18	>18.0	ROJ TOTAL	MEAN SPEED
N	.00	.00	.00	.00	.09	.42	.00	.00	.00	.00	.00	.00	.51	3.82
NNE	.00	.00	.00	.00	.05	.05	.00	.00	.00	.00	.00	.00	.09	2.93
NE	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ENE	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
E	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ESE	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
SE	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
SSE	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
S	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
SSW	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
SW	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
WSW	.00	.05	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.05	.76
W	.00	.00	.00	.00	.05	.00	.00	.00	.00	.00	.00	.00	.03	2.19
WNW	.00	.00	.00	.00	.00	.00	.05	.00	.00	.00	.00	.00	.14	3.33
NW	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
NNW	.00	.00	.00	.00	.00	.00	.05	.00	.00	.00	.00	.00	.05	4.27

TOTAL .00 .05 .00 .05 .19 .65 .00 .00 .00 .00 .00 .00 .00 .57

NUMBER OF CALMS 0

NUMBER OF INVALID HOURS 0 (TOTAL NUMBER OF POSSIBLE OBSERVATIONS LFSS NUMBER OF VALID HOURS)

NUMBER OF VALID HOURS 2160 (TOTAL NUMBER OF POSSIBLE OBSERVATIONS WITH VALID SPEED, DIRECTION, AND STABILITY)

BALTIMORE GAS AND ELECTRIC COMPANY
 CALVERT CLIFFS NUCLEAR SITE
 WIND REDUCED FROM 125 FOOT LEVEL TO 33 FOOT LEVEL
 STABILITY CLASS B (30-200 FOOT)
 WINDS AT 33 FOOT LEVEL

WIND FREQUENCY DISTRIBUTION

FREQUENCY IN NUMBER OF OCCURRENCES

1/01/81 TO 3/31/81

WIND SPEED (M/S)

WIND DIRECTION	.200- .500	.510- .750	.760- 1.10- 1.50	1.60- 2	2.10- 3	3.10- 5	5.10- 7	7.10- 10	10.1- 13	13.1- 18	>18.0	ROW TOTAL	MEAN SPEED
N	0	0	0	1	3	5	2	0	0	0	0	11	3.58
NNE	0	0	0	0	2	1	0	0	0	0	0	3	2.62
NE	0	0	0	0	0	0	0	0	0	0	0	0	.00
ENE	0	0	0	0	0	0	0	0	0	0	0	0	.00
E	0	0	0	0	0	0	0	0	0	0	0	0	.00
ESE	0	0	0	0	0	0	0	0	0	0	0	0	.00
SE	0	0	0	0	0	0	0	0	0	0	0	0	.00
SSE	0	0	0	0	0	0	0	0	0	0	0	0	.00
S	0	0	0	0	0	0	0	0	0	0	0	0	.00
SSW	0	0	0	0	0	0	0	0	0	0	0	0	.00
SW	0	0	0	0	2	0	0	0	0	0	0	2	3.04
WSW	0	0	1	0	0	3	0	0	0	0	0	4	3.30
W	0	0	0	0	0	4	0	0	0	0	0	4	3.38
WNW	0	0	1	0	3	5	0	0	0	0	0	9	2.97
NW	0	0	0	0	0	4	0	0	0	0	0	4	3.95
NNW	0	0	0	0	0	3	2	0	0	0	0	5	4.95
TOTAL	0	0	2	0	1	10	25	4	0	0	0	42	

NUMBER OF CALMS 0
 NUMBER OF INVALID HOURS 0 (TOTAL NUMBER OF POSSIBLE OBSERVATIONS LESS NUMBER OF VALID HOURS)
 NUMBER OF VALID HOURS 2160 (TOTAL NUMBER OF POSSIBLE OBSERVATIONS WITH VALID SPEED, DIRECTION, AND STABILITY)

BALTIMORE GAS AND ELECTRIC COMPANY
 CALVERT CLIFFS NUCLEAR SITE
 WIND REDUCED FROM 125 FOOT LEVEL TO 33 FOOT LEVEL
 STABILITY CLASS B (30-200 FOOT)
 WINDS AT 33 FOOT LEVEL

WIND FREQUENCY DISTRIBUTION

FREQUENCY IN PERCENT OF TOTAL

1/01/81 TO 3/31/81

WIND SPEED (M/S)

WIND DIRECTION	.200-.500	.510-.750	.760-1.00	1.10-1.50	1.60-2.00	2.10-3.00	3.10-5.00	5.10-7.00	7.10-10.00	10.1-13.00	13.1-18.00	>18.00	ROM TOTAL	MEAN SPEED
N	.00	.00	.00	.00	.05	.14	.23	.09	.00	.00	.00	.00	.51	3.58
NNE	.00	.00	.00	.00	.00	.09	.05	.00	.00	.00	.00	.00	.14	2.62
NE	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ENE	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
E	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ESE	.00	.00	.00	.00	.00	.00	.00	.07	.00	.00	.00	.00	.00	.00
SE	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
SEE	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
S	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
SEW	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
SW	.00	.00	.00	.00	.00	.09	.00	.00	.00	.00	.00	.00	.09	3.04
WSW	.00	.00	.05	.00	.00	.00	.14	.00	.00	.00	.00	.00	.19	3.30
W	.00	.00	.00	.00	.00	.00	.19	.00	.00	.00	.00	.00	.19	3.36
WNW	.00	.00	.05	.00	.00	.14	.23	.00	.00	.00	.00	.00	.42	2.97
NW	.00	.00	.00	.00	.00	.00	.19	.00	.00	.00	.00	.00	.19	3.95
NNW	.00	.00	.00	.00	.00	.00	.14	.09	.00	.00	.00	.00	.23	4.95
TOTAL	.00	.00	.09	.00	.05	.46	1.16	.19	.00	.00	.00	.00	1.94	

NUMBER OF CALMS 0

NUMBER OF INVALID HOURS 0 (TOTAL NUMBER OF POSSIBLE OBSERVATIONS LESS NUMBER OF VALID HOURS)

NUMBER OF VALID HOURS 2160 (TOTAL NUMBER OF POSSIBLE OBSERVATIONS WITH VALID SPEED, DIRECTION, AND STABILITY)

BALTIMORE GAS AND ELECTRIC COMPANY
 CALVERT CLIFFS NUCLEAR SITE
 WIND REDUCED FROM 125 FOOT LEVEL TO 33 FOOT LEVEL
 STABILITY CLASS C (30-200 FOOT)
 WINDS AT 33 FOOT LEVEL

REVISION 3

WIND FREQUENCY DISTRIBUTION

FREQUENCY IN NUMBER OF OCCURRENCES

1/01/81 TO 3/31/81

WIND SPEED (M/S)

WIND DIRECTION	.220- .500	.510- .750	.760- 1	1.10- 1.50	1.60- 2	2.10- 3	3.10- 5	5.10- 7	7.10- 10	10.1- 13	13.1- 18	>18.0	ROW TOTAL	MEAN SPEED
N	0	0	0	1	1	4	3	2	1	0	0	0	12	3.95
NNE	0	0	0	0	2	2	1	0	1	0	0	0	6	3.40
NE	0	0	0	0	0	0	0	0	0	0	0	0	0	.00
ENE	0	0	0	0	0	0	0	0	0	0	0	0	0	.00
E	0	0	0	0	0	0	0	0	0	0	0	0	0	.00
ESE	0	0	0	0	0	0	0	0	0	0	0	0	0	.00
SE	0	0	0	0	1	0	1	0	0	0	0	0	2	2.93
SSE	0	0	0	0	2	1	4	0	0	0	0	0	7	3.03
S	0	0	0	0	0	0	2	0	0	0	0	0	2	4.00
SSW	0	0	0	0	0	0	0	0	0	0	0	0	0	.00
SW	0	0	0	0	1	5	8	0	0	0	0	0	14	3.15
WSW	1	0	0	0	0	6	3	0	0	0	0	0	10	2.76
W	0	0	0	0	0	7	5	0	0	0	0	0	12	3.05
WNW	0	0	0	0	1	8	10	0	0	0	0	0	19	3.21
NW	0	0	0	0	0	0	4	5	0	0	0	0	9	4.84
NNW	0	0	0	0	0	3	3	5	0	0	0	0	11	4.49
TOTAL	1	0	0	1	8	36	44	12	2	0	0	0	104	
NUMBER OF CALMS	0													
NUMBER OF INVALID HOURS	0 (TOTAL NUMBER OF POSSIBLE OBSERVATIONS LESS NUMBER OF VALID HOURS)													
NUMBER OF VALID HOURS	2160 (TOTAL NUMBER OF POSSIBLE OBSERVATIONS WITH VALID SPEED, DIRECTION, AND STABILITY)													

BALTIMORE GAS AND ELECTRIC COMPANY
 CALVERT CLIFFS NUCLEAR SITE
 WIND REDUCED FROM 125 FOOT LEVEL TO 33 FOOT LEVEL
 STABILITY CLASS C (30-200 FOOT)
 WINDS AT 33 FOOT LEVEL

WIND FREQUENCY DISTRIBUTION

FREQUENCY IN PERCENT OF TOTAL

1/01/81 TO 3/31/81

WIND SPEED (M/S)

WIND DIRECTION	.220-.500	.510-.750	.760-1	1.10-1.50	1.50-2	2.10-3	3.10-5	5.10-7	7.10-10	10.1-13	13.1-18	>18.0	ROW TOTAL	MEAN SPEED
N	.00	.00	.00	.05	.05	.19	.14	.09	.05	.00	.00	.00	.56	3.95
NNE	.00	.00	.00	.00	.09	.09	.05	.00	.05	.00	.00	.00	.28	3.40
NE	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ENE	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
E	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ESE	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
SE	.00	.00	.00	.00	.05	.00	.05	.00	.00	.00	.00	.00	.09	2.93
SSE	.00	.00	.00	.00	.09	.05	.19	.00	.00	.00	.00	.00	.32	3.03
S	.00	.00	.00	.00	.00	.00	.09	.00	.00	.00	.00	.00	.09	4.00
SSW	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
SW	.00	.00	.00	.00	.05	.23	.37	.30	.00	.00	.00	.00	.65	3.15
WSW	.05	.00	.00	.00	.00	.28	.14	.00	.00	.00	.00	.00	.46	2.76
W	.00	.00	.00	.00	.00	.32	.23	.00	.00	.00	.00	.00	.56	3.05
WNW	.00	.00	.00	.00	.05	.37	.46	.00	.00	.00	.00	.00	.88	3.21
NW	.00	.00	.00	.00	.00	.00	.19	.23	.00	.00	.00	.00	.42	4.84
NNW	.00	.00	.00	.00	.00	.14	.14	.23	.00	.00	.00	.00	.51	4.49
TOTAL	.05	.00	.00	.05	.37	1.67	2.04	.56	.09	.00	.00	.00	4.81	

NUMBER OF CALMS 0

NUMBER OF INVALID HOURS 0 (TOTAL NUMBER OF POSSIBLE OBSERVATIONS LESS NUMBER OF VALID HOURS)

NUMBER OF VALID HOURS 2160 (TOTAL NUMBER OF POSSIBLE OBSERVATIONS WITH VALID SPEED, DIRECTION, AND STABILITY)

BALTIMORE GAS AND ELECTRIC COMPANY
 CALVERT CLIFFS NUCLEAR SITE
 WIND REDUCED FROM 125 FOOT LEVEL TO 33 FOOT LEVEL
 STABILITY CLASS D (30-200 FOOT)
 WINDS AT 33 FOOT LEVEL

REVISION 3

WIND FREQUENCY DISTRIBUTION

FREQUENCY IN NUMBER OF OCCURRENCES

1/01/81 TO 3/31/81

WIND SPEED (M/S)

WIND DIRECTION	.220- .500	.510- .750	.760- 1	1.10- 1.50	1.60- 2	2.10- 3	3.10- 5	5.10- 7	7.10- 10	10.1- 13	13.1- 18	>18.0	ROW TOTAL	MEAN SPEED
N	0	3	4	20	10	20	23	4	0	0	0	0	84	2.56
NNE	0	2	9	16	6	11	5	0	0	0	0	0	49	1.75
NE	0	3	6	8	6	3	1	0	0	0	0	0	27	1.46
ENE	0	3	1	7	0	8	0	0	0	0	0	0	31	1.35
E	1	2	2	10	2	0	0	0	0	0	0	0	17	1.18
ESE	0	3	3	7	5	1	0	0	0	0	0	0	19	1.38
SE	0	0	4	2	4	10	2	0	0	0	0	0	22	2.19
SSE	0	0	1	13	4	19	17	0	0	0	0	0	54	2.61
S	0	0	1	4	8	19	14	0	0	0	0	0	46	2.63
SSW	0	1	1	7	8	23	2	0	0	0	0	0	42	2.15
SW	0	2	5	16	24	31	7	0	0	0	0	0	85	2.01
WSW	1	5	6	13	10	15	1	0	0	0	0	0	51	1.67
W	1	2	4	8	11	12	1	0	0	0	0	0	39	1.78
WNW	0	5	2	13	29	38	19	0	0	0	0	0	106	2.29
NW	0	0	0	10	22	110	81	1	0	0	0	0	224	2.95
NNW	0	3	6	6	12	42	80	5	1	0	0	0	155	3.20
TOTAL	3	34	67	160	161	362	253	10	1	0	0	0	1051	
NUMBER OF CALMS	0													
NUMBER OF INVALID HOURS	0 (TOTAL NUMBER OF POSSIBLE OBSERVATIONS LESS NUMBER OF VALID HOURS)													
NUMBER OF VALID HOURS	2160 (TOTAL NUMBER OF POSSIBLE OBSERVATIONS WITH VALID SPEED, DIRECTION, AND STABILITY)													

BALTIMORE GAS AND ELECTRIC COMPANY
 CALVERT CLIFFS NUCLEAR SITE
 WIND REDUCED FROM 125 FOOT LEVEL TO 33 FOOT LEVEL
 STABILITY CLASS D (30-200 FOOT)
 WINDS AT 33 FOOT LEVEL

REVISION 3

WIND FREQUENCY DISTRIBUTION
 FREQUENCY IN PERCENT OF TOTAL
 1/01/81 TO 3/31/81
 WIND SPEED (M/S)

WIND DIRECTION	.220- .500	.510- .750	.760- 1	1.10- 1.50	1.60- 2	2.10- 3	3.10- 5	5.10- 7	7.10- 10	10.1- 13	13.1- 18	>18.0	ROW TOTAL	MEAN SPEED
N	.00	.14	.19	.93	.46	.93	1.06	.19	.00	.00	.00	.00	3.89	2.56
NNE	.00	.09	.42	.74	.28	.51	.23	.00	.00	.00	.00	.00	2.27	1.75
NE	.00	.14	.28	.37	.28	.14	.05	.00	.00	.00	.00	.00	1.25	1.46
ENE	.00	.14	.60	.32	.00	.37	.00	.00	.00	.00	.00	.00	1.44	1.35
E	.05	.09	.09	.46	.09	.00	.00	.00	.00	.00	.00	.00	.79	1.18
ESE	.00	.14	.14	.32	.23	.05	.00	.00	.00	.00	.00	.00	.88	1.38
SE	.00	.00	.19	.09	.19	.46	.09	.00	.00	.00	.00	.00	1.02	2.19
SSE	.00	.00	.05	.60	.19	.88	.79	.00	.00	.00	.00	.00	2.50	2.61
S	.00	.00	.05	.19	.37	.88	.65	.00	.00	.00	.00	.00	2.13	2.63
SSW	.00	.05	.05	.32	.37	1.06	.09	.00	.00	.00	.00	.00	1.94	2.15
SW	.00	.09	.23	.74	1.11	1.44	.32	.00	.00	.00	.00	.00	3.94	2.01
WSW	.05	.23	.28	.60	.46	.69	.05	.00	.00	.00	.00	.00	2.36	1.67
W	.05	.09	.19	.37	.51	.56	.05	.00	.00	.00	.00	.00	1.81	1.78
WNW	.00	.23	.09	.60	1.34	1.76	.98	.00	.00	.00	.00	.00	4.91	2.29
NW	.00	.00	.00	.46	1.02	5.09	3.75	.05	.00	.00	.00	.00	10.37	2.95
NNW	.00	.14	.28	.28	.56	1.94	3.70	.23	.05	.00	.00	.00	7.18	3.20
TOTAL	.14	1.57	3.10	7.41	7.45	16.76	11.71	.46	.05	.00	.00	.00	48.66	
NUMBER OF CALMS	0													
NUMBER OF INVALID HOURS	0 (TOTAL NUMBER OF POSSIBLE OBSERVATIONS LESS NUMBER OF VALID HOURS)													
NUMBER OF VALID HOURS	2160 (TOTAL NUMBER OF POSSIBLE OBSERVATIONS WITH VALID SPEED, DIRECTION, AND STABILITY)													

BALTIMORE GAS AND ELECTRIC COMPANY
 CALVERT CLIFFS NUCLEAR SITE
 WIND REDUCED FROM 125 FOOT LEVEL TO 33 FOOT LEVEL
 STABILITY CLASS E (30-200 FOOT)
 WINDS AT 33 FOOT LEVEL

REVISION 3

WIND FREQUENCY DISTRIBUTION

FREQUENCY IN NUMBER OF OCCURRENCES

1/01/81 TO 3/31/81

WIND SPEED (M/S)

WIND DIRECTION	.220- .500	.510- .750	.760- 1	1.10- 1.50	1.60- 2	2.10- 3	3.10- 5	5.10- 7	7.10- 10	10.1- 13	13.1- 18	>18.0	ROW TOTAL	MEAN SPEED
N	0	0	2	8	10	17	6	1	0	0	0	0	44	2.33
NNE	0	3	6	9	1	0	0	0	0	0	0	0	19	1.14
NE	1	1	2	2	0	0	0	0	0	0	0	0	6	.87
ENE	0	4	3	2	0	0	0	0	0	0	0	0	9	.96
E	1	3	2	1	0	0	0	0	0	0	0	0	7	.80
ESE	0	4	3	3	2	1	0	0	0	0	0	0	13	1.19
SE	0	0	2	4	3	2	0	0	0	0	0	0	11	1.59
SSE	0	0	0	6	5	3	10	2	0	0	0	0	26	3.08
S	0	0	2	7	21	44	10	3	0	0	0	0	87	2.44
SSW	1	0	1	5	12	37	5	0	0	0	0	0	61	2.31
SW	2	0	5	19	25	23	7	0	0	0	0	0	81	1.98
WSW	4	2	7	16	15	4	1	0	0	0	0	0	49	1.40
W	0	0	4	25	13	4	0	0	0	0	0	0	46	1.49
WNW	0	0	7	29	21	8	6	0	0	0	0	0	71	1.76
NW	2	2	1	19	27	35	4	1	0	0	0	0	91	2.03
NNW	1	1	1	4	16	30	12	0	0	0	0	0	65	2.35
TOTAL	12	20	48	159	171	208	61	7	0	0	0	0	686	

NUMBER OF CALMS 0

NUMBER OF INVALID HOURS 0 (TOTAL NUMBER OF POSSIBLE OBSERVATIONS LESS NUMBER OF VALID HOURS)

NUMBER OF VALID HOURS 2160 (TOTAL NUMBER OF POSSIBLE OBSERVATIONS WITH VALID SPEED, DIRECTION, AND STABILITY)

BALTIMORE GAS AND ELECTRIC COMPANY
 CALVERT CLIFFS NUCLEAR SITE
 WIND REDUCED FROM 125 FOOT LEVEL TO 33 FOOT LEVEL
 STABILITY CLASS E (30-200 FOOT)
 WINDS AT 33 FOOT LEVEL

REVISION 3

WIND FREQUENCY DISTRIBUTION

FREQUENCY IN PERCENT OF TOTAL

1/01/81 TO 3/31/81

WIND SPEED (M/S)

WIND DIRECTION	.220- .500	.510- .750	.760- 1	1.10- 1.50	1.60- 2	2.10- 3	3.10- 5	5.10- 7	7.10- 10	10.1- 13	13.1- 18	>18.0	ROW TOTAL	MEAN SPEED
N	.00	.00	.09	.37	.46	.79	.28	.05	.00	.00	.00	.00	2.04	2.33
NNE	.00	.14	.28	.42	.05	.00	.00	.00	.00	.00	.00	.00	.88	1.14
NE	.05	.05	.09	.09	.00	.00	.00	.00	.00	.00	.00	.00	.28	.87
ENE	.00	.19	.14	.09	.00	.00	.00	.00	.00	.00	.00	.00	.42	.96
E	.05	.14	.09	.05	.00	.00	.00	.00	.00	.00	.00	.00	.32	.80
ESE	.00	.19	.14	.14	.09	.05	.00	.00	.00	.00	.00	.00	.60	1.19
SE	.00	.00	.09	.19	.14	.09	.00	.00	.00	.00	.00	.00	.51	1.59
SSE	.00	.00	.00	.28	.23	.14	.46	.09	.00	.00	.00	.00	1.20	3.08
S	.00	.00	.09	.32	.97	2.04	.46	.14	.00	.00	.00	.00	4.03	2.44
SSW	.05	.00	.05	.23	.56	1.71	.23	.00	.00	.00	.00	.00	2.62	2.31
SW	.09	.00	.23	.88	1.16	1.06	.32	.00	.00	.00	.00	.00	3.75	1.98
WSW	.19	.09	.32	.74	.69	.19	.05	.00	.00	.00	.00	.00	2.27	1.40
W	.00	.00	.19	1.16	.60	.19	.00	.00	.00	.00	.00	.00	2.13	1.49
WNW	.00	.00	.32	1.34	.97	.37	.28	.00	.00	.00	.00	.00	3.29	1.76
NW	.09	.09	.05	.68	1.25	1.62	.19	.05	.00	.00	.00	.00	4.21	2.03
NNW	.05	.05	.05	.19	.74	1.39	.56	.00	.00	.00	.00	.00	3.01	2.35
TOTAL	.56	.93	2.22	7.36	7.92	9.63	2.82	.32	.00	.00	.00	.00	31.76	

NUMBER OF CALMS 0

NUMBER OF INVALID HOURS 0 (TOTAL NUMBER OF POSSIBLE OBSERVATIONS LESS NUMBER OF VALID HOURS)

NUMBER OF VALID HOURS 2160 (TOTAL NUMBER OF POSSIBLE OBSERVATIONS WITH VALID SPEED, DIRECTION, AND STABILITY)

BALTIMORE GAS AND ELECTRIC COMPANY
 CALVERT CLIFFS NUCLEAR SITE
 WIND REDUCED FROM 125 FOOT LEVEL TO 33 FOOT LEVEL
 STABILITY CLASS F (30-200 FOOT)
 WINDS AT 33 FOOT LEVEL

REVISION 3

WIND FREQUENCY DISTRIBUTION

FREQUENCY IN NUMBER OF OCCURRENCES

1/01/81 TO 3/31/81

WIND SPEED (M/S)

WIND DIRECTION	.220- .500	.510- .750	.760- 1	1.10- 1.50	1.60- 2	2.10- 3	3.10- 5	5.10- 7	7.10- 10	10.1- 13	13.1- 18	>18.0	ROW TOTAL	MEAN SPEED
N	0	1	1	3	4	5	12	0	0	0	0	0	26	2.87
NNE	0	2	4	2	1	0	0	0	0	0	0	0	9	1.01
NE	0	1	2	0	0	0	0	0	0	0	0	0	3	.89
ENE	1	1	0	1	0	0	0	0	0	0	0	0	3	.80
E	1	0	0	0	0	0	0	0	0	0	0	0	1	.40
ESE	0	2	1	1	0	1	0	0	0	0	0	0	5	1.20
SE	0	1	2	3	0	0	0	0	0	0	0	0	6	1.10
SSE	0	0	0	4	2	0	0	0	0	0	0	0	6	1.48
S	0	0	0	0	4	5	0	0	0	0	0	0	9	2.15
SSW	0	0	1	2	0	12	1	0	0	0	0	0	16	2.29
SW	0	3	1	10	1	1	0	0	0	0	0	0	16	1.28
WSW	1	4	0	7	6	0	0	0	0	0	0	0	18	1.27
W	0	0	0	11	4	1	0	0	0	0	0	0	16	1.49
WNW	1	2	1	7	4	0	0	0	0	0	0	0	15	1.31
NW	1	1	0	3	10	2	0	0	0	0	0	0	17	1.69
NNW	0	0	0	4	4	0	0	0	0	0	0	0	8	1.60
TOTAL	5	18	13	58	40	27	13	0	0	0	0	0	174	
NUMBER OF CALMS	0													
NUMBER OF INVALID HOURS	0 (TOTAL NUMBER OF POSSIBLE OBSERVATIONS LESS NUMBER OF VALID HOURS)													
NUMBER OF VALID HOURS	2160 (TOTAL NUMBER OF POSSIBLE OBSERVATIONS WITH VALID SPEED, DIRECTION, AND STABILITY)													

BALTIMORE GAS AND ELECTRIC COMPANY
 CALVERT CLIFFS NUCLEAR SITE
 WIND REDUCED FROM 125 FOOT LEVEL TO 33 FOOT LEVEL
 STABILITY CLASS F (30-200 FOOT)
 WINDS AT 33 FOOT LEVEL

WIND FREQUENCY DISTRIBUTION

FREQUENCY IN PERCENT OF TOTAL

1/01/81 TO 3/31/81

WIND SPEED (M/S)

WIND DIRECTION	.20- .500	.510- .750	.760- 1	1.10- 1.50	1.60- 2	2.10- 3	3.10- 5	5.10- 7	7.10- 10	10.1- 13	13.1- 18	>18.0	ROW TOTAL	MEAN SPEED
N	.00	.05	.05	.14	.19	.23	.56	.00	.00	.00	.00	.00	1.20	2.87
NNE	.00	.09	.19	.09	.05	.00	.00	.00	.00	.00	.00	.00	.42	1.01
NE	.00	.05	.09	.00	.00	.00	.00	.00	.00	.00	.00	.00	.14	.89
ENE	.05	.05	.00	.05	.00	.00	.00	.00	.00	.00	.00	.00	.14	.80
E	.05	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.05	.40
ESE	.00	.09	.05	.05	.00	.05	.00	.00	.00	.00	.00	.00	.23	1.20
SE	.00	.05	.09	.14	.00	.00	.00	.00	.00	.00	.00	.00	.28	1.10
SEE	.00	.00	.00	.19	.09	.00	.00	.00	.00	.00	.00	.00	.28	1.48
S	.00	.00	.00	.00	.19	.23	.00	.00	.00	.00	.00	.00	.42	2.15
SEW	.00	.00	.05	.09	.00	.56	.05	.00	.00	.00	.00	.00	.74	2.29
SW	.00	.14	.05	.46	.05	.05	.00	.00	.00	.00	.00	.00	.74	1.28
WSW	.05	.19	.00	.32	.28	.00	.00	.00	.00	.00	.00	.00	.83	1.27
W	.00	.00	.00	.51	.19	.05	.00	.00	.00	.00	.00	.00	.74	1.49
WNW	.05	.09	.05	.32	.19	.00	.00	.00	.00	.00	.00	.00	.69	1.31
NW	.05	.05	.00	.14	.46	.09	.00	.00	.00	.00	.00	.00	.79	1.63
NNW	.00	.00	.00	.19	.19	.00	.00	.00	.00	.00	.00	.00	.37	1.60
TOTAL	.23	.83	.60	2.69	1.85	1.25	.60	.00	.00	.00	.00	.00	8.05	

NUMBER OF CALMS 0

NUMBER OF INVALID HOURS 0 (TOTAL NUMBER OF POSSIBLE OBSERVATIONS LESS NUMBER OF VALID HOURS)

NUMBER OF VALID HOURS 2160 (TOTAL NUMBER OF POSSIBLE OBSERVATIONS WITH VALID SPEED, DIRECTION, AND STABILITY)

BALTIMORE GAS AND ELECTRIC COMPANY
 CALVERT CLIFFS NUCLEAR SITE
 WIND REDUCED FROM 125 FOOT LEVEL TO 33 FOOT LEVEL
 STABILITY CLASS G (30-200 FOOT)
 WINDS AT 33 FOOT LEVEL

REVISION 3

WIND FREQUENCY DISTRIBUTION
 FREQUENCY IN NUMBER OF OCCURRENCES
 1/01/81 TO 3/31/81
 WIND SPEED (M/S)

WIND DIRECTION	.220- .500	.510- .750	.760- 1	1.10- 1.50	1.60- 2	2.10- 3	3.10- 5	5.10- 7	7.10- 10	10.1- 13	13.1- 18	>18.0	ROW TOTAL	MEAN SPEED
N	1	1	0	0	0	0	1	0	0	0	0	0	3	1.71
NNE	1	1	1	0	0	0	0	0	0	0	0	0	3	.64
NE	0	0	1	1	0	0	0	0	0	0	0	0	2	1.07
ENE	0	0	0	0	0	0	0	0	0	0	0	0	0	.00
E	0	0	0	0	0	0	0	0	0	0	0	0	0	.00
ESE	0	2	0	0	0	0	0	0	0	0	0	0	2	.67
SE	0	2	1	0	0	0	0	0	0	0	0	0	3	.72
SSE	0	2	1	0	1	0	0	0	0	0	0	0	4	1.01
S	0	0	1	4	3	3	0	0	0	0	0	0	11	1.81
SSW	0	0	0	1	1	1	0	0	0	0	0	0	3	1.92
SW	2	2	1	4	1	0	0	0	0	0	0	0	10	.94
WSW	1	3	3	5	0	0	0	0	0	0	0	0	12	.94
W	4	0	1	1	2	0	0	0	0	0	0	0	8	.91
WNW	0	0	2	4	2	0	0	0	0	0	0	0	8	1.39
NW	1	0	3	2	2	0	0	0	0	0	0	0	8	1.14
NNW	0	0	1	2	1	0	0	0	0	0	0	0	4	1.24
TOTAL	10	13	16	24	13	4	1	0	0	0	0	0	81	

NUMBER OF CALMS 0

NUMBER OF INVALID HOURS 0 (TOTAL NUMBER OF POSSIBLE OBSERVATIONS LESS NUMBER OF VALID HOURS)

NUMBER OF VALID HOURS 2160 (TOTAL NUMBER OF POSSIBLE OBSERVATIONS WITH VALID SPEED, DIRECTION, AND STABILITY)

BALTIMORE GAS AND ELECTRIC COMPANY
 CALVERT CLIFFS NUCLEAR SITE
 WIND REDUCED FROM 125 FOOT LEVEL TO 33 FOOT LEVEL
 STABILITY CLASS G (30-200 FOOT)
 WINDS AT 33 FOOT LEVEL

WIND FREQUENCY DISTRIBUTION

FREQUENCY IN PERCENT OF TOTAL

1/01/81 TO 3/31/81

WIND SPEED (M/S)

WIND DIRECTION	.220-.500	.510-.750	.760-1.10-1.50	1.10-1.50	1.50-2.10-2.50	2.10-3.10-3.50	3.10-5.10-5.50	5.10-7.10-7.50	7.10-10.1-10.50	10.1-13.1-13.50	13.1-18.0-18.50	>18.0	ROW TOTAL	MEAN SPEED
N	.05	.05	.00	.00	.00	.00	.05	.00	.00	.00	.00	.00	.14	1.71
NNE	.05	.05	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.14	.64
NE	.00	.00	.05	.00	.00	.00	.00	.00	.00	.00	.00	.00	.09	1.07
ENE	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
E	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ESE	.00	.09	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.09	.67
SE	.00	.09	.05	.00	.00	.00	.00	.00	.00	.00	.00	.00	.14	.72
SESS	.00	.09	.05	.00	.00	.00	.00	.00	.00	.00	.00	.00	.19	1.01
S	.00	.00	.05	.19	.14	.14	.00	.00	.00	.00	.00	.00	.51	1.81
SSW	.00	.00	.00	.05	.05	.05	.00	.00	.00	.00	.00	.00	.14	1.92
SW	.09	.09	.05	.19	.05	.00	.00	.00	.00	.00	.00	.00	.46	.94
WSW	.05	.14	.23	.00	.00	.00	.00	.00	.00	.00	.00	.00	.56	.94
W	.19	.00	.05	.05	.09	.00	.00	.00	.00	.00	.00	.00	.37	.91
WNW	.00	.00	.09	.19	.09	.00	.00	.00	.00	.00	.00	.00	.37	1.39
NW	.05	.00	.14	.09	.09	.00	.00	.00	.00	.00	.00	.00	.37	1.14
NNW	.00	.00	.05	.09	.05	.00	.00	.00	.00	.00	.00	.00	.19	1.24
TOTAL	.46	.60	.74	1.11	.60	.19	.05	.00	.00	.00	.00	.00	3.75	

NUMBER OF CALMS 0

NUMBER OF INVALID HOURS 0 (TOTAL NUMBER OF POSSIBLE OBSERVATIONS LESS NUMBER OF VALID HOURS)

NUMBER OF VALID HOURS 2160 (TOTAL NUMBER OF POSSIBLE OBSERVATIONS WITH VALID SPEED, DIRECTION, AND STABILITY)

BALTIMORE GAS AND ELECTRIC COMPANY
 CALVERT CLIFFS NUCLEAR SITE
 WIND REDUCED FROM 125 FOOT LEVEL TO 33 FOOT LEVEL
 STABILITY CLASS ALL (30-200 FOOT)
 WINDS AT 33 FOOT LEVEL

WIND FREQUENCY DISTRIBUTION

FREQUENCY IN PERCENT OF TOTAL

1/01/81 TO 3/31/81

WIND SPEED (M/S)

WIND DIRECTION	.200-.500	.510-.750	.760-1.10-1.50	1.10-1.50	1.60-2.10	2.10-3.10	3.10-5.10	5.10-7.10	7.10-10.10	10.1-13.1	13.1-18.0	>18.0	ROW TOTAL	MEAN SPEED
N	.05	.23	.32	1.48	1.20	2.36	2.73	.42	.05	.00	.00	.00	8.84	2.75
NNE	.05	.37	.93	1.25	.46	.74	.37	.00	.05	.00	.00	.00	4.21	1.67
NE	.05	.23	.51	.51	.28	.14	.05	.00	.00	.00	.00	.00	1.76	1.30
ENE	.05	.37	.74	.46	.00	.37	.00	.00	.00	.00	.00	.00	1.99	1.23
E	.14	.23	.19	.51	.09	.00	.00	.00	.00	.00	.00	.00	1.16	1.05
ESE	.00	.51	.32	.51	.32	.14	.00	.00	.00	.00	.00	.00	1.81	1.26
SE	.00	.14	.42	.42	.37	.56	.14	.00	.00	.00	.00	.00	2.04	1.82
SSE	.00	.09	.09	1.06	.65	1.06	1.44	.09	.00	.00	.00	.00	4.49	2.53
S	.00	.00	.19	.69	1.67	3.29	1.25	.14	.00	.00	.00	.00	7.22	2.46
SSW	.05	.05	.14	.69	.97	3.38	.37	.00	.00	.00	.00	.00	5.65	2.24
SW	.19	.32	.56	2.27	2.41	2.87	1.02	.00	.00	.00	.00	.00	9.63	1.98
WSW	.37	.69	.79	1.90	1.44	1.15	.37	.00	.00	.00	.00	.00	6.71	1.58
W	.23	.09	.42	2.08	1.44	1.15	.46	.00	.00	.00	.00	.00	5.88	1.76
WNW	.05	.32	.60	2.50	2.64	2.64	1.94	.00	.00	.00	.00	.00	10.69	2.15
NW	.19	.14	.19	1.57	2.82	6.81	4.31	.32	.00	.00	.00	.00	16.34	2.67
NNW	.05	.19	.37	.74	1.53	3.47	4.63	.56	.05	.00	.00	.00	11.57	3.00

TOTAL 1.44 3.98 6.76 18.66 18.29 30.14 19.07 1.53 .14 .00 .00 .00 .00 100.00

NUMBER OF CALMS 0

NUMBER OF INVALID HOURS 0 (TOTAL NUMBER OF POSSIBLE OBSERVATIONS LESS NUMBER OF VALID HOURS)

NUMBER OF VALID HOURS 2160 (TOTAL NUMBER OF POSSIBLE OBSERVATIONS WITH VALID SPEED, DIRECTION, AND STABILITY)

BALTIMORE GAS AND ELECTRIC COMPANY
 CALVERT CLIFFS NUCLEAR SITE
 WIND REDUCED FROM 135 FOOT LEVEL TO 33 FOOT LEVEL
 STABILITY CLASS ALL (30-200 FOOT)
 WINDS AT 33 FOOT LEVEL

WIND FREQUENCY DISTRIBUTION
 FREQUENCY IN NUMBER OF OCCURRENCES
 1/01/81 TO 3/31/81
 WIND SPEED (M/S)

WIND DIRECTION	.220-.500	.510-.750	.750-1.10	1.10-1.50	1.50-2.10	2.10-3.10	3.10-5.10	5.10-7.10	7.10-10.10	10.1-13.1	13.1-18	>18.0	POW TOTAL	MEAN SPEED
N	1	5	7	32	26	51	59	9	1	0	0	0	191	2.75
NNE	1	8	20	27	10	16	8	0	1	0	0	0	91	1.67
NE	1	5	11	11	6	3	1	0	0	0	0	0	38	1.30
ENE	1	8	16	10	0	8	0	0	0	0	0	0	43	1.23
E	3	5	4	11	2	0	0	0	0	0	0	0	25	1.05
ESE	0	11	7	11	7	3	0	0	0	0	0	0	39	1.25
SE	0	3	9	9	8	12	3	0	0	0	0	0	44	1.82
SSE	0	2	2	23	14	23	31	2	0	0	0	0	97	2.53
S	0	0	4	15	36	71	27	3	0	0	0	0	156	2.46
SSW	1	1	3	15	21	73	8	0	0	0	0	0	122	2.24
SW	4	7	12	49	52	62	22	0	0	0	0	0	208	1.96
WSW	8	15	17	41	31	25	8	0	0	0	0	0	145	1.58
W	5	2	9	45	31	25	10	0	0	0	0	0	127	1.76
WNW	1	7	13	54	57	57	42	0	0	0	0	0	231	2.15
NW	4	3	4	34	61	147	93	7	0	0	0	0	353	2.67
NNW	1	4	8	16	33	75	100	12	1	0	0	0	250	3.00
TOTAL	31	86	146	403	395	651	412	33	3	0	0	0	2160	
NUMBER OF CALMS														0
NUMBER OF INVALID HOURS														0
NUMBER OF VALID HOURS														2160

(TOTAL NUMBER OF POSSIBLE OBSERVATIONS LESS NUMBER OF VALID HOURS)
 (TOTAL NUMBER OF POSSIBLE OBSERVATIONS WITH VALID SPEED, DIRECTION, AND STABILITY)

BALTIMORE GAS AND ELECTRIC COMPANY
 CALVERT CLIFFS NUCLEAR SITE
 WIND REDUCED FROM 125 FOOT LEVEL TO 33 FOOT LEVEL
 PERIODS OF RELEASE ONLY
 STABILITY CLASS B (30-200 FOOT)
 WINDS AT 33 FOOT LEVEL

WIND FREQUENCY DISTRIBUTION

FREQUENCY IN PERCENT OF TOTAL

1/01/81 TO 3/31/81

WIND SPEED (M/S)

WIND DIRECTION	.220- .500	.510- .750	.760- 1	1.10- 1.50	1.60- 2	2.10- 3	3.10- 5	5.10- 7	7.10- 10	10.1- 13	13.1- 19	>18.0	ROW TOTAL	MEAN SPEED
N	.00	.08	.00	.00	.00	.00	.08	.00	.00	.00	.00	.00	.16	2.39
NNE	.08	.08	.08	.00	.00	.00	.00	.00	.00	.00	.00	.00	.24	.64
NE	.00	.00	.08	.00	.00	.00	.00	.00	.00	.00	.00	.00	.16	1.07
ENE	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
E	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ESE	.00	.15	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.16	.67
SE	.00	.15	.08	.00	.00	.00	.00	.00	.00	.00	.00	.00	.24	.72
SSE	.00	.15	.08	.00	.08	.00	.00	.00	.00	.00	.00	.00	.33	1.01
S	.00	.00	.00	.33	.24	.15	.00	.00	.00	.00	.00	.00	.73	1.86
SSW	.00	.00	.00	.08	.00	.08	.00	.00	.00	.00	.00	.00	.16	2.08
SW	.00	.08	.08	.15	.00	.00	.00	.00	.00	.00	.00	.00	.33	1.01
WSW	.08	.24	.15	.33	.00	.00	.00	.00	.00	.00	.00	.00	.82	.89
W	.24	.00	.00	.08	.08	.00	.00	.00	.00	.00	.00	.00	.41	.88
WNW	.00	.00	.08	.24	.00	.00	.00	.00	.00	.00	.00	.00	.33	1.30
NW	.08	.00	.15	.15	.08	.00	.00	.00	.00	.00	.00	.00	.49	1.08
NNW	.00	.00	.08	.00	.00	.00	.00	.00	.00	.00	.00	.00	.08	.80
TOTAL	.49	.98	.90	1.47	.49	.24	.08	.00	.00	.00	.00	.00	4.65	

NUMBER OF CALMS 0
 NUMBER OF INVALID HOURS 0 (TOTAL NUMBER OF POSSIBLE OBSERVATIONS LESS NUMBER OF VALID HOURS)
 NUMBER OF VALID HOURS 1226 (TOTAL NUMBER OF POSSIBLE OBSERVATIONS WITH VALID SPEED, DIRECTION, AND STABILITY)

BALTIMORE GAS AND ELECTRIC COMPANY
 CALVERT CLIFFS NUCLEAR SITE
 WIND REDUCED FROM 125 FOOT LEVEL TO 33 FOOT LEVEL
 PERIODS OF RELEASE ONLY
 STABILITY CLASS G (30-200 FOOT)
 WINDS AT 33 FOOT LEVEL

WIND FREQUENCY DISTRIBUTION

FREQUENCY IN NUMBER OF OCCURRENCES

1/01/81 TO 3/31/81

WIND SPEED (M/S)

WIND DIRECTION	.220-.500	.510-.750	.760-1.10-1.50	1.50-2	2.10-3	3.10-5	5.10-7	7.10-10	10.1-13	13.1-18	>18.0	ROW TOTAL	MEAN SPEED
N	0	1	0	0	0	1	0	0	0	0	0	2	2.39
NNE	1	1	1	0	0	0	0	0	0	0	0	3	.64
NE	0	0	1	0	0	0	0	0	0	0	0	2	1.07
ENE	0	0	0	0	0	0	0	0	0	0	0	0	.00
E	0	0	0	0	0	0	0	0	0	0	0	0	.00
ESE	0	2	0	0	0	0	0	0	0	0	0	2	.67
SE	0	2	1	0	0	0	0	0	0	0	0	3	.72
SSE	0	2	1	0	0	0	0	0	0	0	0	4	1.01
S	0	0	0	4	3	2	0	0	0	0	0	9	1.86
SSW	0	0	0	1	0	1	0	0	0	0	0	2	2.08
SW	0	1	1	2	0	0	0	0	0	0	0	4	1.01
WSW	1	3	2	4	0	0	0	0	0	0	0	10	.89
W	3	0	0	1	0	0	0	0	0	0	0	5	.88
WNW	0	0	1	3	0	0	0	0	0	0	0	4	1.30
NW	1	0	2	2	1	0	0	0	0	0	0	6	1.08
NNW	0	0	1	0	0	0	0	0	0	0	0	1	.80
TOTAL	6	12	11	18	6	3	1	0	0	0	0	57	
NUMBER OF CALMS	0												
NUMBER OF INVALID HOURS	0 (TOTAL NUMBER OF POSSIBLE OBSERVATIONS LESS NUMBER OF VALID HOURS)												
NUMBER OF VALID HOURS	1226 (TOTAL NUMBER OF POSSIBLE OBSERVATIONS WITH VALID SPEED, DIRECTION, AND STABILITY)												

BALTIMORE GAS AND ELECTRIC COMPANY
 CALVERT CLIFFS NUCLEAR SITE
 WIND REDUCED FROM 125 FOOT LEVEL TO 33 FOOT LEVEL
 PERIODS OF RELEASE ONLY
 STABILITY CLASS F (30-200 FOOT)
 WINDS AT 33 FOOT LEVEL

WIND FREQUENCY DISTRIBUTION

FREQUENCY IN NUMBER OF OCCURRENCES

1/01/81 TO 3/31/81

WIND SPEED (M/S)

WIND DIRECTION	.220- .500	.510- .750	.750- 1	1.10- 1.50	1.50- 2	2.10- 3	3.10- 5	5.10- 7	7.10- 10	10.1- 13	13.1- 18	>18.0	ROW TOTAL	MEAN SPEED
N	0	1	0	3	3	5	12	0	0	0	0	0	24	3.01
NNE	0	0	4	2	1	0	0	0	0	0	0	0	7	1.09
NE	0	1	2	0	0	0	0	0	0	0	0	0	3	.89
ENE	1	1	0	1	0	0	0	0	0	0	0	0	3	.80
E	1	0	0	0	0	0	0	0	0	0	0	0	1	.40
ESE	0	2	1	1	0	1	0	0	0	0	0	0	5	1.20
SE	0	1	2	3	0	0	0	0	0	0	0	0	6	1.10
SSE	0	0	0	3	2	0	0	0	0	0	0	0	5	1.56
S	0	0	0	0	2	5	0	0	0	0	0	0	7	2.26
SSW	0	0	1	1	0	10	1	0	0	0	0	0	13	2.33
SW	0	1	0	6	1	0	0	0	0	0	0	0	8	1.30
WSW	1	3	0	3	3	0	0	0	0	0	0	0	10	1.16
W	0	0	0	6	2	1	0	0	0	0	0	0	9	1.50
WNW	1	1	0	4	1	0	0	0	0	0	0	0	7	1.18
NW	0	0	0	2	4	0	0	0	0	0	0	0	6	1.75
NNW	0	0	0	3	2	0	0	0	0	0	0	0	5	1.58
TOTAL	4	11	10	38	21	22	13	0	0	0	0	0	119	

NUMBER OF CALMS 0

NUMBER OF INVALID HOURS 0 (TOTAL NUMBER OF POSSIBLE OBSERVATIONS LESS NUMBER OF VALID HOURS)

NUMBER OF VALID HOURS 1226 (TOTAL NUMBER OF POSSIBLE OBSERVATIONS WITH VALID SPEED, DIRECTION, AND STABILITY)

BALTIMORE GAS AND ELECTRIC COMPANY
 CALVERT CLIFFS NUCLEAR SITE
 WIND REDUCED FROM 125 FOOT LEVEL TO 33 FOOT LEVEL
 PERIODS OF RELEASE ONLY
 STABILITY CLASS F (30-200 FOOT)
 WINDS AT 33 FOOT LEVEL

WIND FREQUENCY DISTRIBUTION

FREQUENCY IN PERCENT OF TOTAL

1/01/81 TO 3/31/81

WIND SPEED (M/S)

WIND DIRECTION	.220-.500	.510-.750	.760-1	1.10-1.50	1.60-2	2.10-3	3.10-5	5.10-7	7.10-10	10.1-13	13.1-18	>18.0	ROW TOTAL	MEAN SPEED
N	.00	.08	.00	.24	.24	.41	.98	.00	.00	.00	.00	.00	1.96	3.01
NNE	.00	.00	.33	.16	.08	.00	.00	.00	.00	.00	.00	.00	.57	1.09
NE	.00	.08	.16	.00	.00	.00	.00	.00	.00	.00	.00	.00	.24	.89
ENE	.08	.08	.00	.08	.00	.00	.00	.00	.00	.00	.00	.00	.24	.80
E	.08	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.08	.40
ESE	.00	.16	.08	.08	.00	.08	.60	.00	.00	.00	.00	.00	.41	1.20
SE	.00	.08	.16	.24	.00	.00	.00	.00	.00	.00	.00	.00	.49	1.10
SSE	.00	.00	.00	.24	.16	.00	.00	.00	.00	.00	.00	.00	.41	1.56
S	.00	.00	.00	.00	.16	.41	.00	.00	.00	.00	.00	.00	.57	2.26
SSW	.00	.00	.08	.08	.00	.82	.08	.00	.00	.00	.00	.00	1.06	2.33
SW	.00	.08	.00	.49	.08	.00	.00	.00	.00	.00	.00	.00	.65	1.30
WSW	.08	.24	.00	.24	.24	.00	.00	.00	.00	.00	.00	.00	.82	1.16
W	.00	.00	.00	.49	.15	.08	.00	.00	.00	.00	.00	.00	.73	1.50
WNW	.08	.08	.00	.33	.08	.00	.00	.00	.00	.00	.00	.00	.57	1.18
NW	.00	.00	.00	.16	.33	.00	.00	.00	.00	.00	.00	.00	.49	1.76
NNW	.00	.00	.00	.24	.16	.00	.00	.00	.00	.00	.00	.00	.41	1.58
TOTAL	.33	.90	.82	3.10	1.71	1.79	1.06	.00	.00	.00	.00	.00	9.71	

NUMBER OF CALMS 0

NUMBER OF INVALID HOURS 0 (TOTAL NUMBER OF POSSIBLE OBSERVATIONS LESS NUMBER OF VALID HOURS)

NUMBER OF VALID HOURS 1225 (TOTAL NUMBER OF POSSIBLE OBSERVATIONS WITH VALID SPEED, DIRECTION, AND STABILITY)

BALTIMORE GAS AND ELECTRIC COMPANY
 CALVERT CLIFFS NUCLEAR SITE
 WIND REDUCED FROM 125 FOOT LEVEL TO 33 FOOT LEVEL
 PERIODS OF RELEASE ONLY
 STABILITY CLASS E (30-200 FOOT)
 WINDS AT 33 FOOT LEVEL

WIND FREQUENCY DISTRIBUTION

FREQUENCY IN NUMBER OF OCCURRENCES

1/01/81 TO 3/31/81

WIND SPEED (M/S)

WIND DIRECTION	.020-.500	.510-.750	.760-1.10	1.10-1.50	1.50-2.00	2.10-3.00	3.10-5.00	5.10-7.10	7.10-10.0	10.1-13.0	13.1-18.0	>18.0	ROW TOTAL	MEAN SPEED
N	0	0	1	7	3	12	3	1	0	0	0	0	27	2.35
NNE	0	1	2	5	1	0	0	0	0	0	0	0	9	1.32
NE	1	0	1	0	0	0	0	0	0	0	0	0	2	.56
ENE	0	2	2	1	0	0	0	0	0	0	0	0	5	.93
E	1	3	1	1	0	0	0	0	0	0	0	0	6	.80
ESE	0	3	3	2	2	1	0	0	0	0	0	0	11	1.22
SE	0	0	2	4	3	2	0	0	0	0	0	0	11	1.59
SSE	0	0	0	2	3	2	7	2	0	0	0	0	16	3.49
S	6	0	0	2	14	38	9	3	0	0	0	0	66	2.57
SSW	1	0	1	4	8	22	1	0	0	0	0	0	37	2.15
SW	1	0	3	8	13	15	2	0	0	0	0	0	42	1.99
WSW	4	1	5	12	6	1	0	0	0	0	0	0	29	1.21
W	0	0	2	13	5	2	0	0	0	0	0	0	22	1.46
WNW	0	0	5	10	9	3	5	0	0	0	0	0	32	1.85
NW	2	2	1	10	16	18	3	1	0	0	0	0	53	2.04
NNW	0	1	0	3	14	16	5	0	0	0	0	0	39	2.23
TOTAL	10	13	29	84	97	132	35	7	0	0	0	0	407	

NUMBER OF CALMS 0

NUMBER OF INVALID HOURS 0 (TOTAL NUMBER OF POSSIBLE OBSERVATIONS LESS NUMBER OF VALID HOURS)

NUMBER OF VALID HOURS 1226 (TOTAL NUMBER OF POSSIBLE OBSERVATIONS WITH VALID SPEED, DIRECTION, AND STABILITY)

BALTIMORE GAS AND ELECTRIC COMPANY
 CALVERT CLIFFS NUCLEAR SITE
 WIND REDUCED FROM 125 FOOT LEVEL TO 33 FOOT LEVEL
 PERIODS OF RELEASE ONLY
 STABILITY CLASS F (30-200 FOOT)
 WINDS AT 33 FOOT LEVEL

WIND FREQUENCY DISTRIBUTION

FREQUENCY IN PERCENT OF TOTAL

1/01/81 TO 3/31/81

WIND SPEED (M/S)

WIND DIRECTION	.200- .500	.510- .750	.760- 1	1.10- 1.50	1.50- 2	2.10- 3	3.10- 5	5.10- 7	7.10- 10	10.1- 13	13.1- 18	>18.0	PO4 TOTAL	MEAN SPEED
N	.00	.00	.08	.57	.24	.98	.24	.08	.00	.00	.00	.00	2.20	2.35
NNE	.00	.08	.16	.41	.08	.00	.00	.00	.00	.00	.00	.00	.73	1.32
NE	.08	.00	.08	.00	.00	.00	.00	.00	.00	.00	.00	.00	.16	.56
ENE	.00	.16	.16	.08	.00	.00	.00	.00	.00	.00	.00	.00	.41	.93
E	.08	.24	.08	.08	.00	.00	.00	.00	.00	.00	.00	.00	.49	.80
ESE	.00	.24	.24	.16	.16	.08	.00	.00	.00	.00	.00	.00	.90	1.22
SE	.00	.00	.16	.33	.24	.16	.00	.00	.00	.00	.00	.00	.90	1.59
SSE	.00	.00	.00	.16	.24	.16	.57	.16	.00	.00	.00	.00	1.31	3.49
S	.00	.00	.00	.16	1.14	3.10	.73	.24	.00	.00	.00	.00	5.38	2.57
SSH	.08	.00	.08	.33	.65	1.79	.08	.00	.00	.00	.00	.00	3.02	2.15
SH	.08	.00	.24	.65	1.06	1.22	.16	.00	.00	.00	.00	.00	3.43	1.99
WSW	.33	.08	.41	.96	.49	.08	.00	.00	.00	.00	.00	.00	2.37	1.21
W	.00	.00	.16	1.06	.41	.16	.00	.00	.00	.00	.00	.00	1.79	1.46
WNW	.00	.00	.41	.82	.73	.24	.41	.00	.00	.00	.00	.00	2.51	1.85
NW	.16	.16	.08	.82	1.31	1.47	.24	.08	.00	.00	.00	.00	4.32	2.04
NNW	.00	.08	.00	.24	1.14	1.31	.41	.00	.00	.00	.00	.00	3.18	2.23
TOTAL	.82	1.06	2.37	6.85	7.91	10.77	2.85	.57	.00	.00	.00	.00	33.20	
NUMBER OF CALMS			0											
NUMBER OF INVALID HOURS			0											
NUMBER OF VALID HOURS			1226											

(TOTAL NUMBER OF POSSIBLE OBSERVATIONS LESS NUMBER OF VALID HOURS)
 (TOTAL NUMBER OF POSSIBLE OBSERVATIONS WITH VALID SPEED, DIRECTION, AND STABILITY)

BALTIMORE GAS AND ELECTRIC COMPANY
 CALVERT CLIFFS NUCLEAR SITE
 WIND REDUCED FROM 125 FOOT LEVEL TO 33 FOOT LEVEL
 PERIODS OF RELEASE ONLY
 STABILITY CLASS D (30-200 FOOT)
 WINDS AT 33 FOOT LEVEL

WIND FREQUENCY DISTRIBUTION

FREQUENCY IN NUMBER OF OCCURRENCES

1/01/81 TO 3/31/81

WIND SPEED (M/S)

WIND DIRECTION	.220- .500	.510- .750	.760- 1	1.10- 1.50	1.60- 2	2.10- 3	3.10- 5	5.10- 7	7.10- 10	10.1- 13	13.1- 18	>18.0	ROW TOTAL	MEAN SPEED
N	0	1	3	7	5	12	13	2	0	0	0	0	43	2.70
NNE	0	2	6	8	3	9	1	0	0	0	0	0	29	1.70
NE	0	3	3	3	5	1	0	0	0	0	0	0	15	1.32
ENE	0	3	8	4	0	4	0	0	0	0	0	0	19	1.24
E	1	2	1	2	0	0	0	0	0	0	0	0	6	.84
ESE	0	2	0	6	2	1	0	0	0	0	0	0	11	1.45
SE	0	0	2	0	4	8	2	0	0	0	0	0	16	2.43
SSE	0	0	0	8	2	14	17	0	0	0	0	0	41	2.87
S	0	0	0	1	6	19	11	0	0	0	0	0	37	2.78
SSW	0	1	0	5	6	11	1	0	0	0	0	0	24	2.02
SW	0	0	1	8	14	17	2	0	0	0	0	0	42	2.02
WSW	1	0	4	11	7	8	1	0	0	0	0	0	32	1.68
W	0	0	3	1	3	7	0	0	0	0	0	0	14	1.93
WNW	0	1	1	5	8	18	11	0	0	0	0	0	44	2.43
NW	0	0	0	7	8	65	37	0	0	0	0	0	117	2.88
NNW	0	1	2	3	4	27	40	3	0	0	0	0	80	3.19
TOTAL	2	16	34	79	77	221	136	5	0	0	0	0	570	

NUMBER OF CALMS 0

NUMBER OF INVALID HOURS 0 (TOTAL NUMBER OF POSSIBLE OBSERVATIONS LESS NUMBER OF VALID HOURS)

NUMBER OF VALID HOURS 1226 (TOTAL NUMBER OF POSSIBLE OBSERVATIONS WITH VALID SPEED, DIRECTION, AND STABILITY)

BALTIMORE GAS AND ELECTRIC COMPANY
 CALVERT CLIFFS NUCLEAR SITE
 WIND REDUCED FROM 125 FOOT LEVEL TO 33 FOOT LEVEL
 PERIODS OF RELEASE ONLY
 STABILITY CLASS D (30-300 FOOT)
 WINDS AT 33 FOOT LEVEL

WIND FREQUENCY DISTRIBUTION

FREQUENCY IN PERCENT OF TOTAL

1/01/81 TO 3/31/81

WIND SPEED (M/S)

WIND DIRECTION	.220-.500	.510-.750	.760-1	1.10-1.50	1.60-2	2.10-3	3.10-5	5.10-7	7.10-10	10.1-13	13.1-18	>18.0	ROW TOTAL	MEAN SPEED
N	.00	.08	.24	.57	.41	.93	1.06	.16	.00	.00	.00	.00	3.51	2.70
NNE	.00	.16	.45	.65	.24	.73	.08	.00	.00	.00	.00	.00	2.37	1.70
NE	.00	.24	.24	.24	.41	.08	.00	.00	.00	.00	.00	.00	1.22	1.32
ENE	.00	.24	.65	.33	.00	.33	.00	.00	.00	.00	.00	.00	1.55	1.24
E	.08	.16	.08	.16	.00	.00	.00	.00	.00	.00	.00	.00	.49	.84
ESE	.00	.16	.00	.49	.16	.08	.00	.00	.00	.00	.00	.00	.90	1.45
SE	.00	.00	.16	.00	.33	.65	.16	.00	.00	.00	.00	.00	1.31	2.43
SSE	.00	.00	.00	.65	.16	1.14	1.39	.00	.00	.00	.00	.00	3.34	2.87
S	.00	.00	.00	.08	.49	1.55	.90	.00	.00	.00	.00	.00	3.02	2.78
SSW	.00	.08	.00	.41	.49	.90	.08	.00	.00	.00	.00	.00	1.96	2.02
SW	.00	.00	.08	.65	1.14	1.39	.16	.00	.00	.00	.00	.00	3.43	2.02
WSW	.08	.00	.33	.90	.57	.65	.08	.00	.00	.00	.00	.00	2.61	1.68
W	.00	.00	.24	.08	.24	.57	.00	.00	.00	.00	.00	.00	1.14	1.93
WNW	.00	.08	.08	.41	.65	1.47	.90	.00	.00	.00	.00	.00	3.59	2.43
NW	.00	.00	.00	.57	.65	5.30	3.02	.00	.00	.00	.00	.00	9.54	2.88
NNW	.00	.08	.16	.24	.33	2.20	3.26	.24	.20	.00	.00	.00	6.53	3.19
TOTAL	.16	1.31	2.77	6.44	6.28	18.03	11.09	.41	.00	.00	.00	.00	46.49	
NUMBER OF CALMS														
NUMBER OF INVALID HOURS														
NUMBER OF VALID HOURS														

0 (TOTAL NUMBER OF POSSIBLE OBSERVATIONS LESS NUMBER OF VALID HOURS)
 1226 (TOTAL NUMBER OF POSSIBLE OBSERVATIONS WITH VALID SPEED, DIRECTION, AND STABILITY)

BALTIMORE GAS AND ELECTRIC COMPANY
 CALVERT CLIFFS NUCLEAR SITE
 WIND REDUCED FROM 125 FOOT LEVEL TO 33 FOOT LEVEL
 PERIODS OF RELEASE ONLY
 STABILITY CLASS C (30-200 FOOT)
 WINDS AT 33 FOOT LEVEL

WIND FREQUENCY DISTRIBUTION

FREQUENCY IN PERCENT OF TOTAL

1/01/81 TO 3/31/81

WIND SPEED (M/S)

WIND DIRECTION	.20- .500	.510- .750	.750- 1	1.10- 1.50	1.60- 2	2.10- 3	3.10- 5	5.10- 7	7.10- 10	10.1- 13	13.1- 18	>18.0	ROW TOTAL	MEAN SPEED
N	.00	.00	.00	.00	.08	.08	.08	.16	.08	.00	.00	.00	.49	4.97
NNE	.00	.00	.06	.00	.08	.08	.00	.00	.00	.00	.00	.00	.16	2.21
NE	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ENE	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
E	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ESE	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
SE	.00	.00	.00	.00	.08	.00	.08	.00	.00	.00	.00	.00	.16	2.93
SSE	.00	.00	.00	.00	.00	.08	.16	.00	.00	.00	.00	.00	.24	3.65
S	.00	.00	.00	.00	.00	.00	.16	.00	.00	.00	.00	.00	.16	4.00
SSW	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
SW	.00	.00	.00	.00	.00	.16	.00	.00	.00	.00	.00	.00	.16	2.64
WSW	.00	.00	.00	.00	.00	.33	.00	.00	.00	.00	.00	.00	.33	2.81
W	.00	.00	.00	.00	.00	.08	.16	.00	.00	.00	.00	.00	.24	3.28
WNW	.00	.00	.00	.00	.08	.33	.24	.00	.00	.00	.00	.00	.65	3.11
W	.00	.00	.00	.00	.00	.00	.08	.16	.00	.00	.00	.00	.24	5.14
NNW	.00	.00	.00	.00	.00	.16	.16	.08	.00	.00	.00	.00	.41	3.8E
TOTAL	.00	.00	.00	.00	.33	1.31	1.14	.41	.08	.00	.00	.00	3.26	
NUMBER OF CALMS	0													
NUMBER OF INVALID HOURS	0 (TOTAL NUMBER OF POSSIBLE OBSERVATIONS LESS NUMBER OF VALID HOURS)													
NUMBER OF VALID HOURS	1226 (TOTAL NUMBER OF POSSIBLE OBSERVATIONS WITH VALID SPEED, DIRECTION, AND STABILITY)													

BALTIMORE GAS AND ELECTRIC COMPANY
 CALVERT CLIFFS NUCLEAR SITE
 WIND REDUCED FROM 125 FOOT LEVEL TO 33 FOOT LEVEL
 PERIODS OF RELEASE ONLY
 STABILITY CLASS C (30-200 FOOT)
 WINDS AT 33 FOOT LEVEL

WIND FREQUENCY DISTRIBUTION

FREQUENCY IN NUMBER OF OCCURRENCES

1/01/81 TO 3/31/81

WIND SPEED (M/S)

WIND DIRECTION	.220- .500	.510- .750	.760- 1	1.10- 1.50	1.60- 2	2.10- 3	3.10- 5	5.10- 7	7.10- 10	10.1- 13	13.1- 18	>18.0	ROW TOTAL	MEAN SPEED
N	0	0	0	0	1	1	1	2	1	0	0	0	6	4.97
NNE	0	0	0	0	1	1	0	0	0	0	0	0	2	2.21
NE	0	0	0	0	0	0	0	0	0	0	0	0	0	.00
ENE	0	0	0	0	0	0	0	0	0	0	0	0	0	.00
E	0	0	0	0	0	0	0	0	0	0	0	0	0	.00
ESE	0	0	0	0	0	0	0	0	0	0	0	0	0	.00
SE	0	0	0	0	1	0	1	0	0	0	0	0	2	2.93
SSE	0	0	0	0	0	1	2	0	0	0	0	0	3	3.67
S	0	0	0	0	0	0	2	0	0	0	0	0	2	4.00
SSW	0	0	0	1	0	0	0	0	0	0	0	0	0	.00
SW	0	0	0	0	0	2	0	0	0	0	0	0	2	2.64
WSW	0	0	0	0	0	4	0	0	0	0	0	0	4	2.81
W	0	0	0	0	0	1	2	0	0	0	0	0	3	3.28
WNW	0	0	0	0	1	4	3	0	0	0	0	0	8	3.11
NW	0	0	0	0	0	0	1	2	0	0	0	0	3	5.14
NNW	0	0	0	0	0	2	2	1	0	0	0	0	5	3.85
TOTAL	0	0	0	0	4	16	14	5	1	0	0	0	40	
NUMBER OF CALMS	0													
NUMBER OF INVALID HOURS	0 (TOTAL NUMBER OF POSSIBLE OBSERVATIONS LESS NUMBER OF VALID HOURS)													
NUMBER OF VALID HOURS	.226 (TOTAL NUMBER OF POSSIBLE OBSERVATIONS WITH VALID SPEED, DIRECTION, AND STABILITY)													

BALTIMORE GAS AND ELECTRIC COMPANY
 CALVERT CLIFFS NUCLEAR SITE
 WIND REDUCED FROM 125 FOOT LEVEL TO 33 FOOT LEVEL
 PERIODS OF RELEASE ONLY
 STABILITY CLASS B (30-200 FOOT)
 WINDS AT 33 FOOT LEVEL

WIND FREQUENCY DISTRIBUTION

FREQUENCY IN NUMBER OF OCCURRENCES

1/01/81 TO 3/31/81

WIND SPEED (M/S)

WIND DIRECTION	.220- .500	.510- .750	.760- 1	1.10- 1.50	1.50- 2	2.10- 3	3.10- 5	5.10- 7	7.10- 10	10.1- 13	13.1- 18	>18.0	ROW TOTAL	MEAN SPEED
N	0	0	0	0	0	2	2	2	0	0	0	0	6	3.84
NNE	0	0	0	0	0	2	0	0	0	0	0	0	2	2.32
NE	0	0	0	0	0	0	0	0	0	0	0	0	0	.00
ENE	0	0	0	0	0	0	0	0	0	0	0	0	0	.00
E	0	0	0	0	0	0	0	0	0	0	0	0	0	.00
ESE	0	0	0	0	0	0	0	0	0	0	0	0	0	.00
SE	0	0	0	0	0	0	0	0	0	0	0	0	0	.00
SSE	0	0	0	0	0	0	0	0	0	0	0	0	0	.00
S	0	0	0	0	0	0	0	0	0	0	0	0	0	.00
SSW	0	0	0	0	0	0	0	0	0	0	0	0	0	.00
SW	0	0	0	0	0	0	0	0	0	0	0	0	0	.00
WSW	0	0	0	0	0	0	0	0	0	0	0	0	0	.00
W	0	0	0	0	0	0	2	0	0	0	0	0	2	3.33
WNW	0	0	1	0	0	3	4	0	0	0	0	0	8	2.90
NW	0	0	0	0	0	0	2	0	0	0	0	0	2	4.29
NNW	0	0	0	0	0	0	2	1	0	0	0	0	3	4.78
TOTAL	0	0	1	0	0	7	12	3	0	0	0	0	23	
NUMBER OF CALMS	0													
NUMBER OF INVALID HOURS	0 (TOTAL NUMBER OF POSSIBLE OBSERVATIONS LESS NUMBER OF VALID HOURS)													
NUMBER OF VALID HOURS	1226 (TOTAL NUMBER OF POSSIBLE OBSERVATIONS WITH VALID SPEED, DIRECTION, AND STABILITY)													

BALTIMORE GAS AND ELECTRIC COMPANY
 CALVERT CLIFFS NUCLEAR SITE
 WIND REDUCED FROM 125 FOOT LEVEL TO 33 FOOT LEVEL
 PERIODS OF RELEASE ONLY
 STABILITY CLASS B (30-200 FOOT)
 WINDS AT 33 FOOT LEVEL

WIND FREQUENCY DISTRIBUTION

FREQUENCY IN PERCENT OF TOTAL

1/01/81 TO 3/31/81

WIND SPEED (M/S)

WIND DIRECTION	.220- .500	.510- .750	.760- 1	1.10- 1.50	1.60- 2	2.10- 3	3.10- 5	5.10- 7	7.10- 10	10.1- 13	13.1- 18	>18.0	ROW TOTAL	MEAN SPEED
N	.00	.00	.00	.00	.00	.15	.16	.16	.00	.00	.00	.00	.49	3.84
NNE	.00	.00	.00	.00	.00	.16	.00	.00	.00	.00	.00	.00	.16	2.32
NF	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ENE	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
E	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ESE	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
SE	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
SSE	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
S	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
SSW	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
SW	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
WSW	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
W	.00	.00	.00	.00	.00	.00	.15	.00	.00	.00	.00	.00	.15	3.33
WNW	.00	.00	.08	.00	.00	.24	.33	.00	.00	.00	.00	.00	.65	2.90
NW	.00	.00	.00	.00	.00	.00	.16	.00	.00	.00	.00	.00	.16	4.29
NNW	.00	.00	.00	.00	.00	.00	.16	.06	.00	.00	.00	.00	.24	4.78
TOTAL	.00	.00	.08	.00	.00	.57	.96	.24	.00	.00	.00	.00	1.88	

NUMBER OF CALMS 0

NUMBER OF INVALID HOURS 0 (TOTAL NUMBER OF POSSIBLE OBSERVATIONS LESS NUMBER OF VALID HOURS)

NUMBER OF VALID HOURS 12% (TOTAL NUMBER OF POSSIBLE OBSERVATIONS WITH VALID SPEED, DIRECTION, AND STABILITY)

BALTIMORE GAS AND ELECTRIC COMPANY
 CALVERT CLIFFS NUCLEAR SITE
 WIND REDUCED FROM 125 FOOT LEVEL TO 33 FOOT LEVEL
 PERIODS OF RELEASE ONLY
 STABILITY CLASS A (30-200 FOOT)
 WINDS AT 33 FOOT LEVEL

WIND FREQUENCY DISTRIBUTION

FREQUENCY IN PERCENT OF TOTAL

1/01/81 TO 3/31/81

WIND SPEED (M/S)

WIND DIRECTION	.220- .500	.510- .750	.760- 1	1.10- 1.50	1.60- 2	2.10- 3	3.10- 5	5.10- 7	7.10- 10	10.1- 13	13.1- 18	>18.0	ROW TOTAL	MEAN SPEED
N	.00	.00	.00	.00	.00	.15	.33	.00	.00	.00	.00	.00	.49	3.51
NNE	.00	.00	.00	.00	.00	.03	.00	.00	.00	.00	.00	.00	.08	2.59
NE	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ENE	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
E	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ESE	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
SE	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
SSE	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
S	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
SSW	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
SW	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
WSW	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
W	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
WNW	.00	.00	.00	.00	.00	.00	.15	.00	.00	.00	.00	.00	.24	3.33
NW	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
NNW	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
TOTAL	.00	.00	.00	.06	.00	.24	.49	.00	.00	.00	.00	.00	.82	
NUMBER OF CALMS	0													
NUMBER OF INVALID HOURS	0 (TOTAL NUMBER OF POSSIBLE OBSERVATIONS LESS NUMBER OF VALID HOURS)													
NUMBER OF VALID HOURS	1226 (TOTAL NUMBER OF POSSIBLE OBSERVATIONS WITH VALID SPEED, DIRECTION, AND STABILITY)													

BALTIMORE GAS AND ELECTRIC COMPANY
 CALVERT CLIFFS NUCLEAR SITE
 WIND REDUCED FROM 125 FOOT LEVEL TO 33 FOOT LEVEL
 PERIODS OF RELEASE ONLY
 STABILITY CLASS A (30-200 FOOT)
 WINDS AT 33 FOOT LEVEL

WIND FREQUENCY DISTRIBUTION

FREQUENCY IN NUMBER OF OCCURRENCES

1/01/81 TO 3/31/81

WIND SPEED (M/S)

WIND DIRECTION	.220- .500	.510- .750	.750- 1	1.10- 1.50	1.60- 2	2.10- 3	3.10- 5	5.10- 7	7.10- 10	10.1- 13	13.1- 18	>18.0	ROW TOTAL	MEAN SPEED
N	0	0	0	0	0	2	4	0	0	0	0	0	5	3.51
NNE	0	0	0	0	0	1	0	0	0	0	0	0	1	2.59
NE	0	0	0	0	0	0	0	0	0	0	0	0	0	.90
ENE	0	0	0	0	0	0	0	0	0	0	0	0	0	.00
E	0	0	0	0	0	0	0	0	0	0	0	0	0	.00
ESE	0	0	0	0	0	0	0	0	0	0	0	0	0	.00
SE	0	0	0	0	0	0	0	0	0	0	0	0	0	.00
SSE	0	0	0	0	0	0	0	0	0	0	0	0	0	.00
S	0	0	0	0	0	0	0	0	0	0	0	0	0	.00
SSW	0	0	0	0	0	0	0	0	0	0	0	0	0	.00
SW	0	0	0	0	0	0	0	0	0	0	0	0	0	.00
WSW	0	0	0	0	0	0	0	0	0	0	0	0	0	.00
W	0	0	0	0	0	0	0	0	0	0	0	0	0	.00
WNW	0	0	0	1	0	0	2	0	0	0	0	0	3	3.33
NW	0	0	0	0	0	0	0	0	0	0	0	0	0	.00
NNW	0	0	0	0	0	0	0	0	0	0	0	0	0	.00
TOTAL	0	0	0	1	0	3	6	0	0	0	0	0	10	

NUMBER OF CALMS 0

NUMBER OF INVALID HOURS 0 (TOTAL NUMBER OF POSSIBLE OBSERVATIONS LESS NUMBER OF VALID HOURS)

NUMBER OF VALID HOURS 1226 (TOTAL NUMBER OF POSSIBLE OBSERVATIONS WITH VALID SPEED, DIRECTION, AND STABILITY)