

CALVERT CLIFFS NUCLEAR POWER PLANT  
METEOROLOGICAL DATA  
January 1, 1982 to March 31, 1982

WIND FREQUENCY DISTRIBUTION  
ALL STABILITY CLASSES

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

REVISION 0

WIND FREQUENCY DISTRIBUTION

FREQUENCY IN NUMBER OF OCCURRENCES

1/01/82 TO 3/31/82

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	2	16	17	58	57	57	6	0	0	0	214	3.82
NNE	0	0	5	25	18	56	71	11	4	0	0	0	190	3.12
NE	0	1	3	15	15	34	31	3	1	0	0	0	103	2.74
ENE	1	0	2	16	4	25	14	1	0	0	0	0	63	2.49
E	0	3	6	7	10	23	5	0	0	0	0	0	54	2.01
ESE	0	1	3	15	12	24	7	0	0	0	0	0	62	2.12
SE	0	0	2	16	18	19	11	0	0	0	0	0	66	2.23
SSE	0	0	4	16	25	43	29	3	0	0	0	0	120	2.54
S	0	0	4	9	19	73	31	3	0	0	0	0	139	2.65
SSW	0	0	2	6	21	78	47	5	0	0	0	0	159	2.89
SW	1	1	3	12	15	69	55	10	0	0	0	0	166	2.98
WSW	0	0	4	8	14	35	39	6	0	0	0	0	106	3.05
W	0	1	0	13	17	19	25	3	0	0	0	0	78	2.68
WNW	0	0	1	12	21	30	58	29	0	0	0	0	151	3.60
NW	0	0	0	4	12	44	101	38	1	0	0	0	200	3.89
NNW	0	1	2	6	14	58	82	49	8	0	0	0	220	3.96
TOTAL	2	9	43	196	252	688	663	218	20	0	0	0	2091	

NUMBER OF CALMS 0

NUMBER OF INVALID HOURS 69 (TOTAL NUMBER OF POSSIBLE OBSERVATIONS LESS NUMBER OF VALID HOURS)

NUMBER OF VALID HOURS 2091 (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

1/01/82 TO 3/31/82

## 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	.05	.10	.77	.81	2.77	2.73	2.73	.29	.00	.00	.00	10.23	3.82
NNE	.00	.00	.24	1.20	.86	2.68	3.40	.53	.19	.00	.00	.00	9.09	3.12
NE	.00	.05	.14	.72	.72	1.63	1.48	.14	.05	.00	.00	.00	4.93	2.74
ENE	.05	.00	.10	.77	.19	1.20	.67	.05	.00	.00	.00	.00	3.01	2.49
E	.00	.14	.29	.33	.48	1.10	.24	.00	.00	.00	.00	.00	2.58	2.01
ESE	.00	.05	.14	.72	.57	1.15	.33	.00	.00	.00	.00	.00	2.97	2.12
SE	.00	.00	.10	.77	.86	.91	.53	.00	.00	.00	.00	.00	3.16	2.23
SEE	.00	.00	.19	.77	1.20	2.06	1.39	.14	.00	.00	.00	.00	5.74	2.54
S	.00	.00	.19	.43	.91	3.49	1.48	.14	.00	.00	.00	.00	6.65	2.65
SSW	.00	.00	.10	.29	1.00	3.73	2.25	.24	.00	.00	.00	.00	7.60	2.89
SW	.05	.05	.14	.57	.72	3.30	2.63	.48	.00	.00	.00	.00	7.94	2.98
WSW	.00	.00	.19	.38	.67	1.67	1.87	.29	.00	.00	.00	.00	5.07	3.05
W	.00	.05	.00	.62	.81	.91	1.20	.14	.00	.00	.00	.00	3.73	2.68
WNW	.00	.00	.05	.57	1.00	1.43	2.77	1.39	.00	.00	.00	.00	7.22	3.60
NW	.00	.00	.00	.19	.57	2.10	4.83	1.82	.05	.00	.00	.00	9.56	3.89
NNW	.00	.05	.10	.29	.67	2.77	3.92	2.34	.38	.00	.00	.00	10.52	3.96
TOTAL	.10	.43	2.06	9.37	12.05	32.90	31.71	10.43	.96	.00	.00	.00	100.00	

NUMBER OF CALMS 0

NUMBER OF INVALID HOURS 69 (TOTAL NUMBER OF POSSIBLE OBSERVATIONS LESS NUMBER OF VALID HOURS)

NUMBER OF VALID HOURS 2091 (TOTAL NUMBER OF POSSIBLE OBSERVATIONS WITH VALID SPEED, DIRECTION, AND STABILITY)



WIND FREQUENCY DISTRIBUTION  
BY STABILITY CLASS

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

REVISION 0

WIND FREQUENCY DISTRIBUTION

FREQUENCY IN NUMBER OF OCCURRENCES

1/01/82 TO 3/31/82

WIND SPEED (M/S)

WIND DIRECTION	.220- .500	.510- .750	.760- 1	1.10- 1.50	1.10- 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	9	35	52	5	0	0	0	101	5.16
NNE	0	0	0	0	1	20	50	10	4	0	0	0	85	4.10
NE	0	0	0	0	3	8	18	0	0	0	0	0	29	3.29
ENE	0	0	0	0	1	7	7	0	0	0	0	0	15	3.03
E	0	0	0	1	3	11	3	0	0	0	0	0	18	2.45
ESE	0	0	0	1	2	10	1	0	0	0	0	0	14	2.47
SE	0	0	1	5	3	5	4	0	0	0	0	0	18	2.35
SSE	0	0	1	0	0	8	6	1	0	0	0	0	16	3.12
S	0	0	1	0	2	3	6	1	0	0	0	0	13	3.37
SSW	0	0	1	0	1	7	11	0	0	0	0	0	20	3.33
SW	0	1	1	4	3	8	9	2	0	0	0	0	28	2.83
WSW	0	0	0	2	3	10	11	3	0	0	0	0	29	3.37
W	0	0	0	1	1	4	14	2	0	0	0	0	22	3.61
WNW	0	0	0	1	4	2	29	19	0	0	0	0	55	4.54
NW	0	0	0	0	1	3	19	13	0	0	0	0	36	4.56
NNW	0	0	0	0	3	14	29	24	7	0	0	0	77	4.67
TOTAL	0	1	5	15	31	129	252	127	16	0	0	0	576	

NUMBER OF CALMS 0

NUMBER OF INVALID HOURS 69 (TOTAL NUMBER OF POSSIBLE OBSERVATIONS LESS NUMBER OF VALID HOURS)

NUMBER OF VALID HOURS 2091 (TOTAL NUMBER OF POSSIBLE OBSERVATIONS WITH VALID SPEED, DIRECTION, AND STABILITY)

REVISION 0

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

## WIND FREQUENCY DISTRIBUTION

## FREQUENCY IN PERCENT OF TOTAL

1/01/82 TO 3/31/82

## 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	.43	1.67	2.49	.24	.00	.00	.00	4.83	5.16
NNE	.00	.00	.00	.00	.05	.96	2.39	.48	.19	.00	.00	.00	4.07	4.10
NE	.00	.00	.00	.00	.14	.38	.86	.00	.00	.00	.00	.00	1.39	3.29
ENE	.00	.00	.00	.00	.05	.33	.33	.00	.00	.00	.00	.00	.72	3.03
E	.00	.00	.00	.05	.14	.53	.14	.00	.00	.00	.00	.00	.86	2.45
ESE	.00	.00	.00	.05	.10	.48	.05	.00	.00	.00	.00	.00	.67	2.47
SE	.00	.00	.05	.24	.14	.24	.19	.00	.00	.00	.00	.00	.86	2.35
SSE	.00	.00	.05	.00	.00	.38	.29	.05	.00	.00	.00	.00	.77	3.12
S	.00	.00	.05	.00	.10	.14	.29	.05	.00	.00	.00	.00	.62	3.37
SSW	.00	.00	.05	.00	.05	.33	.53	.00	.00	.00	.00	.00	.96	3.33
SW	.00	.05	.05	.19	.14	.38	.43	.10	.00	.00	.00	.00	1.34	2.83
WSW	.00	.00	.00	.10	.14	.48	.53	.14	.00	.00	.00	.00	1.39	3.37
W	.00	.00	.00	.05	.05	.19	.67	.10	.00	.00	.00	.00	1.05	3.61
WNW	.00	.00	.00	.05	.19	.10	1.39	.91	.00	.00	.00	.00	2.63	4.54
NW	.00	.00	.00	.00	.05	.14	.91	.62	.00	.00	.00	.00	1.72	4.56
NNW	.00	.00	.00	.00	.14	.67	1.39	1.15	.33	.00	.00	.00	3.68	4.67
TOTAL	.00	.05	.24	.72	1.48	6.17	12.05	6.07	.77	.00	.00	.00	27.55	

NUMBER OF CALMS

0

NUMBER OF INVALID HOURS 69 (TOTAL NUMBER OF POSSIBLE OBSERVATIONS LESS NUMBER OF VALID HOURS)

NUMBER OF VALID HOURS 2091 (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

REVISION 0

WIND FREQUENCY DISTRIBUTION

FREQUENCY IN NUMBER OF OCCURRENCES

1/01/82 TO 3/31/82

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	8	4	2	0	0	0	0	16	3.04
NNE	0	0	0	1	2	13	6	0	0	0	0	0	22	2.76
NE	0	0	0	0	3	13	7	2	1	0	0	0	26	3.28
ENE	0	0	0	1	1	11	6	1	0	0	0	0	20	3.20
E	0	0	1	1	1	7	1	0	0	0	0	0	11	2.24
ESE	0	0	0	1	1	4	2	0	0	0	0	0	8	2.53
SE	0	0	0	2	4	6	6	0	0	0	0	0	18	2.71
SSE	0	0	0	0	1	3	4	1	0	0	0	0	9	3.75
S	0	0	0	0	0	1	2	0	0	0	0	0	3	4.28
SSW	0	0	0	2	0	4	6	2	0	0	0	0	14	3.55
SW	0	0	0	0	0	3	8	4	0	0	0	0	15	4.28
WSW	0	0	0	0	1	2	8	1	0	0	0	0	12	4.05
W	0	0	0	0	2	1	4	1	0	0	0	0	8	3.25
WNW	0	0	0	1	1	1	10	7	0	0	0	0	20	4.42
NW	0	0	0	1	0	2	28	8	0	0	0	0	39	4.45
NNW	0	0	0	0	1	9	26	10	0	0	0	0	46	4.18
TOTAL	0	0	1	11	19	88	128	39	1	0	0	0	287	

NUMBER OF CALMS 0

NUMBER OF INVALID HOURS 69 (TOTAL NUMBER OF POSSIBLE OBSERVATIONS LESS NUMBER OF VALID HOURS)

NUMBER OF VALID HOURS 2091 (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

1/01/82 TO 3/31/82

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	.05	.05	.38	.19	.10	.00	.00	.00	.00	.77	3.04
NNE	.00	.00	.00	.05	.10	.62	.29	.00	.00	.00	.00	.00	1.05	2.76
NE	.00	.00	.00	.00	.14	.62	.33	.10	.05	.00	.00	.00	1.24	3.28
ENE	.00	.00	.00	.05	.05	.53	.29	.05	.00	.00	.00	.00	.96	3.20
E	.00	.00	.05	.05	.05	.33	.05	.00	.00	.00	.00	.00	.53	2.24
ESE	.00	.00	.00	.05	.05	.19	.10	.00	.00	.00	.00	.00	.38	2.53
SE	.00	.00	.00	.10	.19	.29	.29	.00	.00	.00	.00	.00	.86	2.71
SSE	.00	.00	.00	.00	.05	.14	.19	.05	.00	.00	.00	.00	.43	3.75
S	.00	.00	.00	.00	.00	.05	.10	.00	.00	.00	.00	.00	.14	4.28
SSW	.00	.00	.00	.10	.00	.19	.29	.10	.00	.00	.00	.00	.67	3.55
SW	.00	.00	.00	.00	.00	.14	.38	.19	.00	.00	.00	.00	.72	4.28
WSW	.00	.00	.00	.00	.05	.10	.38	.05	.00	.00	.00	.00	.57	4.05
W	.00	.00	.00	.00	.10	.05	.19	.05	.00	.00	.00	.00	.38	3.25
WNW	.00	.00	.00	.05	.05	.05	.48	.33	.00	.00	.00	.00	.96	4.42
NW	.00	.00	.00	.05	.00	.10	1.34	.38	.00	.00	.00	.00	1.87	4.45
NNW	.00	.00	.00	.00	.05	.43	1.24	.48	.00	.00	.00	.00	2.20	4.18
TOTAL	.00	.00	.05	.53	.91	4.21	6.12	1.87	.05	.00	.00	.00	13.73	

NUMBER OF CALMS 0

NUMBER OF INVALID HOURS 69 (TOTAL NUMBER OF POSSIBLE OBSERVATIONS LESS NUMBER OF VALID HOURS)

NUMBER OF VALID HOURS 2091 (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 NUMBER OF OCCURRENCES

1/01/82 TO 3/31/82

## 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	1	0	11	6	3	1	0	0	0	22	3.50
NNE	0	0	0	1	3	9	7	1	0	0	0	0	21	2.95
NE	0	0	0	0	1	10	3	1	0	0	0	0	15	2.97
ENE	0	0	0	0	1	4	1	0	0	0	0	0	6	2.81
E	0	0	0	0	2	4	1	0	0	0	0	0	7	2.38
ESE	0	0	0	4	4	6	4	0	0	0	0	0	18	2.38
SE	0	0	0	0	2	3	0	0	0	0	0	0	5	2.29
SSE	0	0	0	5	3	1	7	1	0	0	0	0	17	2.89
S	0	0	0	3	1	4	5	2	0	0	0	0	15	3.19
SSW	0	0	0	0	2	5	15	3	0	0	0	0	25	3.80
SW	0	0	0	0	2	9	20	4	0	0	0	0	35	3.80
WSW	0	0	0	0	1	3	11	1	0	0	0	0	16	3.88
W	0	0	0	0	2	3	4	0	0	0	0	0	9	2.94
WNW	0	0	0	0	0	3	14	3	0	0	0	0	20	4.20
NW	0	0	0	0	1	1	27	17	1	0	0	0	47	4.71
NNW	0	0	0	0	1	5	17	15	1	0	0	0	39	4.63
TOTAL	0	0	0	14	26	81	142	51	3	0	0	0	317	

NUMBER OF CALMS 0

NUMBER OF INVALID HOURS 69 (TOTAL NUMBER OF POSSIBLE OBSERVATIONS LESS NUMBER OF VALID HOURS)

NUMBER OF VALID HOURS 2091 (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

1/01/82 TO 3/31/82

## 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	ROM TOTAL	MEAN SPEED
N	.00	.00	.00	.05	.00	.53	.29	.14	.05	.00	.00	.00	1.05	3.50
NNE	.00	.00	.00	.05	.14	.43	.33	.05	.00	.00	.00	.00	1.00	2.95
NE	.00	.00	.00	.00	.05	.48	.14	.05	.00	.00	.00	.00	.72	2.97
ENE	.00	.00	.00	.00	.05	.19	.05	.00	.00	.00	.00	.00	.29	2.81
E	.00	.00	.00	.00	.10	.19	.05	.00	.00	.00	.00	.00	.33	2.38
ESE	.00	.00	.00	.19	.19	.29	.19	.00	.00	.00	.00	.00	.86	2.38
SE	.00	.00	.00	.00	.10	.14	.00	.00	.00	.00	.00	.00	.24	2.29
SSE	.00	.00	.00	.24	.14	.05	.33	.05	.00	.00	.00	.00	.81	2.89
S	.00	.00	.00	.14	.05	.19	.24	.10	.00	.00	.00	.00	.72	3.19
SSW	.00	.00	.00	.00	.10	.24	.72	.14	.00	.00	.00	.00	1.20	3.80
SW	.00	.00	.00	.00	.10	.43	.96	.19	.00	.00	.00	.00	1.67	3.80
WSW	.00	.00	.00	.00	.05	.14	.53	.05	.00	.00	.00	.00	.77	3.88
W	.00	.00	.00	.00	.10	.14	.19	.00	.00	.00	.00	.00	.43	2.94
WNW	.00	.00	.00	.00	.00	.14	.67	.14	.00	.00	.00	.00	.96	4.20
NW	.00	.00	.00	.00	.05	.05	1.29	.81	.05	.00	.00	.00	2.25	4.71
NNW	.0	.00	.00	.00	.05	.24	.81	.72	.05	.00	.00	.00	1.87	4.63
TOTAL	.00	.00	.00	.67	1.24	3.87	6.79	2.44	.14	.00	.00	.00	15.16	

NUMBER OF CALMS 0

NUMBER OF INVALID HOURS 69 (TOTAL NUMBER OF POSSIBLE OBSERVATIONS LESS NUMBER OF VALID HOURS)

NUMBER OF VALID HOURS 2091 (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

WIND FREQUENCY DISTRIBUTION

FREQUENCY IN NUMBER OF OCCURRENCES

1/01/82 TO 3/31/82

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	1	0	12	6	16	7	0	0	0	0	0	42	2.20
NNE	0	0	2	15	8	10	4	0	0	0	0	0	39	1.97
NE	0	1	0	10	7	2	3	0	0	0	0	0	23	1.88
ENE	0	0	0	8	1	3	0	0	0	0	0	0	12	1.62
E	0	1	3	3	2	1	0	0	0	0	0	0	10	1.37
ESE	0	0	1	6	4	3	0	0	0	0	0	0	14	1.69
SE	0	0	0	6	4	3	1	0	0	0	0	0	14	1.84
SSE	0	0	2	4	9	16	9	0	0	0	0	0	40	2.35
S	0	0	1	6	8	30	18	0	0	0	0	0	63	2.57
SSW	0	0	1	2	12	26	15	0	0	0	0	0	56	2.62
SW	0	0	0	4	2	28	17	0	0	0	0	0	51	2.75
WSW	0	0	2	2	2	13	9	1	0	0	0	0	29	2.67
W	0	0	0	4	6	7	3	0	0	0	0	0	20	2.23
WNW	0	0	0	6	10	15	5	0	0	0	0	0	36	2.29
NW	0	0	0	2	5	33	27	0	0	0	0	0	67	2.96
NNW	0	0	2	4	7	23	6	0	0	0	0	0	42	2.44

TOTAL 0 3 14 94 93 124 1 0 0 0 0 0 558

NUMBER OF CALMS 0

NUMBER OF INVALID HOURS 69 (TOTAL NUMBER OF POSSIBLE OBSERVATIONS LESS NUMBER OF VALID HOURS)

NUMBER OF VALID HOURS 2091 (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

## WIND FREQUENCY DISTRIBUTION

## FREQUENCY IN PERCENT OF TOTAL

1/01/82 TO 3/31/82

## 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	.05	.00	.57	.29	.77	.33	.00	.00	.00	.00	.00	2.01	2.20
NNE	.00	.00	.10	.72	.38	.48	.19	.00	.00	.00	.00	.00	1.87	1.97
NE	.00	.05	.00	.48	.33	.10	.14	.00	.00	.00	.00	.00	1.10	1.88
ENE	.00	.00	.00	.38	.05	.14	.00	.00	.00	.00	.00	.00	.57	1.62
E	.00	.05	.14	.14	.10	.05	.00	.00	.00	.00	.00	.00	.48	1.37
ESE	.00	.00	.05	.29	.19	.14	.00	.00	.00	.00	.00	.00	.67	1.69
SE	.00	.00	.00	.29	.19	.14	.05	.00	.00	.00	.00	.00	.67	1.84
SSE	.00	.00	.10	.19	.43	.77	.43	.00	.00	.00	.00	.00	1.91	2.35
S	.00	.00	.05	.29	.38	1.43	.86	.00	.00	.00	.00	.00	3.01	2.57
SSW	.00	.00	.05	.10	.57	1.24	.72	.00	.00	.00	.00	.00	2.68	2.62
SW	.00	.00	.00	.19	.10	1.34	.81	.00	.00	.00	.00	.00	2.44	2.75
WSW	.00	.00	.10	.10	.10	.62	.43	.05	.00	.00	.00	.00	1.39	2.67
W	.00	.00	.00	.19	.29	.33	.14	.00	.00	.00	.00	.00	.96	2.23
WNW	.00	.00	.00	.29	.48	.72	.24	.00	.00	.00	.00	.00	1.72	2.29
NW	.00	.00	.00	.10	.24	1.58	1.29	.00	.00	.00	.00	.00	3.20	2.96
NNW	.00	.00	.10	.19	.33	1.10	.29	.00	.00	.00	.00	.00	2.01	2.44
TOTAL	.00	.14	.67	4.50	4.45	10.95	5.93	.05	.00	.00	.00	.00	26.69	

NUMBER OF CALMS

0

NUMBER OF INVALID HOURS 69 (TOTAL NUMBER OF POSSIBLE OBSERVATIONS LESS NUMBER OF VALID HOURS)

NUMBER OF VALID HOURS 2091 (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 0

WIND FREQUENCY DISTRIBUTION

FREQUENCY IN NUMBER OF OCCURRENCES

1/01/82 TO 3/31/82

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	2	10	11	4	0	0	0	0	0	29	2.23
NNE	0	0	3	8	4	4	4	0	0	0	0	0	23	1.96
NE	0	0	2	5	1	1	0	0	0	0	0	0	9	1.46
ENE	1	0	2	7	0	0	0	0	0	0	0	0	10	1.14
E	0	1	2	2	2	0	0	0	0	0	0	0	7	1.21
ESE	0	1	2	3	1	1	0	0	0	0	0	0	8	1.29
SE	0	0	1	2	3	2	0	0	0	0	0	0	8	1.73
SSE	0	0	1	4	8	14	3	0	0	0	0	0	30	2.14
S	0	0	2	0	6	25	0	0	0	0	0	0	33	2.20
SSW	0	0	0	2	4	27	0	0	0	0	0	0	33	2.33
SW	1	0	1	3	8	20	1	0	0	0	0	0	34	2.16
WSW	0	0	2	3	5	7	0	0	0	0	0	0	17	1.93
W	0	1	0	6	5	1	0	0	0	0	0	0	13	1.61
WNW	0	0	1	3	4	7	0	0	0	0	0	0	15	1.90
NW	0	0	0	1	4	4	0	0	0	0	0	0	9	1.94
NNW	0	1	0	2	2	7	4	0	0	0	0	0	16	2.31
TOTAL	2	4	21	53	67	131	16	0	0	0	0	0	294	

NUMBER OF CALMS 0

NUMBER OF INVALID HOURS 69 (TOTAL NUMBER OF POSSIBLE OBSERVATIONS LESS NUMBER OF VALID HOURS)

NUMBER OF VALID HOURS 2091 (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

WIND FREQUENCY DISTRIBUTION

FREQUENCY IN PERCENT OF TOTAL

1/01/82 TO 3/31/82

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	.10	.10	.48	.53	.19	.00	.00	.00	.00	.00	1.39	2.23
NNE	.00	.00	.14	.38	.19	.19	.19	.00	.00	.00	.00	.00	1.10	1.96
NE	.00	.00	.10	.24	.05	.05	.00	.00	.00	.00	.00	.00	.43	1.46
ENE	.05	.00	.10	.33	.00	.00	.00	.00	.00	.00	.00	.00	.48	1.14
E	.00	.05	.10	.10	.10	.00	.00	.00	.00	.00	.00	.00	.33	1.21
ESE	.00	.05	.10	.14	.05	.05	.00	.00	.00	.00	.00	.00	.38	1.29
SE	.00	.00	.05	.10	.14	.10	.00	.00	.00	.00	.00	.00	.38	1.73
SSE	.00	.00	.05	.19	.38	.67	.14	.00	.00	.00	.00	.00	1.43	2.14
S	.00	.00	.10	.00	.29	1.20	.00	.00	.00	.00	.00	.00	1.58	2.20
SSW	.00	.00	.00	.10	.19	1.29	.00	.00	.00	.00	.00	.00	1.58	2.33
SW	.05	.00	.05	.14	.38	.96	.05	.00	.00	.00	.00	.00	1.63	2.16
WSW	.00	.00	.10	.14	.24	.33	.00	.00	.00	.00	.00	.00	.81	1.93
W	.00	.05	.00	.29	.24	.05	.00	.00	.00	.00	.00	.00	.62	1.61
WNW	.00	.00	.05	.14	.19	.33	.00	.00	.00	.00	.00	.00	.72	1.90
NW	.00	.00	.00	.05	.19	.19	.00	.00	.00	.00	.00	.00	.43	1.94
NNW	.00	.05	.00	.10	.10	.33	.19	.00	.00	.00	.00	.00	.77	2.31

TOTAL .10 .19 1.00 2.53 3.20 6.26 .77 .00 .00 .00 .00 .00 14.06

NUMBER OF CALMS 0

NUMBER OF INVALID HOURS 69 (TOTAL NUMBER OF POSSIBLE OBSERVATIONS LESS NUMBER OF VALID HOURS)

NUMBER OF VALID HOURS 2091 (TOTAL NUMBER OF POSSIBLE OBSERVATIONS WITH VALID SPEED, DIRECTION, AND STABILITY)

REVISION 0

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 NUMBER OF OCCURRENCES

1/01/82 TO 3/31/82

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	0	3	1	0	0	0	0	0	4	3.19
NNE	0	0	0	0	0	0	0	0	0	0	0	0	0	.00
NE	0	0	1	0	0	0	0	0	0	0	0	0	1	.80
ENE	0	0	0	0	0	0	0	0	0	0	0	0	0	.00
E	0	1	0	0	0	0	0	0	0	0	0	0	1	.63
ESE	0	0	0	0	0	0	0	0	0	0	0	0	0	.00
SE	0	0	0	1	2	0	0	0	0	0	0	0	3	1.68
SSE	0	0	0	3	4	0	0	0	0	0	0	0	7	1.63
S	0	0	0	0	1	8	0	0	0	0	0	0	9	2.49
SSW	0	0	0	0	0	9	0	0	0	0	0	0	9	2.29
SW	0	0	1	1	0	1	0	0	0	0	0	0	3	1.53
WSW	0	0	0	1	2	0	0	0	0	0	0	0	3	1.67
W	0	0	0	2	1	3	0	0	0	0	0	0	6	1.97
WNW	0	0	0	1	0	1	0	0	0	0	0	0	2	1.97
NW	0	0	0	0	1	1	0	0	0	0	0	0	2	1.88
NNW	0	0	0	0	0	0	0	0	0	0	0	0	0	.00
TOTAL	0	1	2	9	14	26	1	0	0	0	0	0	50	

NUMBER OF CALMS 0

NUMBER OF INVALID HOURS 69 (TOTAL NUMBER OF POSSIBLE OBSERVATIONS LESS NUMBER OF VALID HOURS)

NUMBER OF VALID HOURS 2051 (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

1/01/82 TO 3/31/82

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	ROI TOTAL	MEAN SPEED
N	.00	.00	.00	.00	.00	.14	.05	.00	.00	.00	.00	.00	.19	3.19
NNE	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
NE	.00	.00	.05	.00	.00	.00	.00	.00	.00	.00	.00	.00	.05	.80
ENE	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
E	.00	.05	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.05	.63
ESE	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
SE	.00	.00	.00	.05	.10	.00	.00	.00	.00	.00	.00	.00	.14	1.68
SSE	.00	.00	.00	.14	.19	.00	.00	.00	.00	.00	.00	.00	.33	1.63
S	.00	.00	.00	.00	.05	.38	.00	.00	.00	.00	.00	.00	.43	2.49
SSW	.00	.00	.00	.00	.00	.43	.00	.00	.00	.00	.00	.00	.43	2.29
SW	.00	.00	.05	.05	.00	.05	.00	.00	.00	.00	.00	.00	.14	1.53
WSW	.00	.00	.00	.05	.10	.00	.00	.00	.00	.00	.00	.00	.14	1.57
W	.00	.00	.00	.10	.05	.14	.00	.00	.00	.00	.00	.00	.29	1.97
WNW	.00	.00	.00	.05	.00	.05	.00	.00	.00	.00	.00	.00	.10	1.97
NW	.00	.00	.00	.00	.05	.05	.00	.00	.00	.00	.00	.00	.10	1.88
NNW	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
TOTAL	.00	.05	.10	.43	.53	1.24	.05	.00	.00	.00	.00	.00	2.39	

NUMBER OF CALTS 0

NUMBER OF INVALID HOURS 69 (TOTAL NUMBER OF POSSIBLE OBSERVATIONS LESS NUMBER OF VALID HOURS)

NUMBER OF VALID HOURS 2091 (TOTAL NUMBER OF POSSIBLE OBSERVATIONS WITH VALID SPEED, DIRECTION, AND STABILITY)

REVISION 0

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 NUMBER OF OCCURRENCES

1/01/82 TO 3/31/82

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	0	0	0	0	0	0	0	0	.00
NNE	0	0	0	0	0	0	0	0	0	0	0	0	0	.00
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	1	0	0	0	0	0	0	1	2.32
S	0	0	0	0	1	2	0	0	0	0	0	0	3	2.16
SSW	0	0	0	0	2	0	0	0	0	0	0	0	2	1.83
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	0	2	1	0	0	0	0	0	0	3	2.13
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	0	5	4	0	0	0	0	0	0	9	

NUMBER OF CALMS 0

NUMBER OF INVALID HOURS 69 (TOTAL NUMBER OF POSSIBLE OBSERVATIONS LESS NUMBER OF VALID HOURS)

NUMBER OF VALID HOURS 2091 (TOTAL NUMBER OF POSSIBLE OBSERVATIONS WITH VALID SPEED, DIRECTION, AND STABILITY)



REVISION 0

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

1/01/82 TO 3/31/82

## 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- 16	>18.0	ROM TOTAL	MEAN SPEED
N	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
NNE	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
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	.05	.00	.00	.00	.00	.00	.00	.05	2.32
S	.00	.00	.00	.00	.05	.10	.00	.00	.00	.00	.00	.00	.14	2.16
SSW	.00	.00	.00	.00	.10	.00	.00	.00	.00	.00	.00	.00	.10	1.83
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	.10	.05	.00	.00	.00	.00	.00	.00	.14	2.13
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	.00	.24	.19	.00	.00	.00	.00	.00	.00	.43	

NUMBER OF CALMS

0

NUMBER OF INVALID HOURS 69 (TOTAL NUMBER OF POSSIBLE OBSERVATIONS LESS NUMBER OF VALID HOURS)

NUMBER OF VALID HOURS 2091 (TOTAL NUMBER OF POSSIBLE OBSERVATIONS WITH VALID SPEED, DIRECTION, AND STABILITY)

WIND FREQUENCY DISTRIBUTION  
BY STABILITY CLASS  
PERIODS OF RELEASE ONLY



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

1/01/82 TO 3/31/82

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	1	3	14	2	0	0	0	20	5.97
NNE	0	0	0	0	0	7	10	7	1	0	0	0	25	4.24
NE	0	0	0	0	0	0	2	0	0	0	0	0	2	3.69
ENE	0	0	0	0	0	1	0	0	0	0	0	0	1	2.32
E	0	0	0	0	1	3	0	0	0	0	0	0	4	2.19
ESE	0	0	0	0	0	2	0	0	0	0	0	0	2	2.46
SE	0	0	0	0	1	0	1	0	0	0	0	0	2	2.55
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	1	0	0	0	0	0	0	1	2.91
SW	0	0	0	2	0	2	1	0	0	0	0	0	5	2.21
WSW	0	0	0	1	0	2	0	0	0	0	0	0	3	2.15
W	0	0	0	0	0	0	1	0	0	0	0	0	1	4.38
WNW	0	0	0	0	0	0	2	4	0	0	0	0	6	5.07
NW	0	0	0	0	1	1	5	2	0	0	0	0	9	3.81
NNW	0	0	0	0	0	4	3	0	0	0	0	0	7	3.35
TOTAL	0	0	0	3	3	24	28	27	3	0	0	0	88	

NUMBER OF CALMS 0

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

NUMBER OF VALID HOURS 177 (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

1/01/82 TO 3/31/82

## 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	.56	1.69	7.91	1.13	.00	.00	.00	11.30	5.97
NNE	.00	.00	.00	.00	.00	3.95	5.65	3.95	.56	.00	.00	.00	14.12	4.24
NE	.00	.00	.00	.00	.00	.00	1.13	.00	.00	.00	.00	.00	1.13	3.69
ENE	.00	.00	.00	.00	.00	.56	.00	.00	.00	.00	.00	.00	.56	2.32
E	.00	.00	.00	.00	.56	1.69	.00	.00	.00	.00	.00	.00	2.26	2.19
ESE	.00	.00	.00	.00	.00	1.13	.00	.00	.00	.00	.00	.00	1.13	2.46
SE	.00	.00	.00	.00	.56	.00	.56	.00	.00	.00	.00	.00	1.13	2.55
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	.56	.00	.00	.00	.00	.00	.00	.56	2.91
SW	.00	.00	.00	1.13	.00	1.13	.56	.00	.00	.00	.00	.00	2.82	2.21
WSW	.00	.00	.00	.56	.00	1.13	.00	.00	.00	.00	.00	.00	1.69	2.15
W	.00	.00	.00	.00	.00	.00	.56	.00	.00	.00	.00	.00	.56	4.38
WNW	.00	.00	.00	.00	.00	.00	1.13	2.26	.00	.00	.00	.00	3.39	5.07
NW	.00	.00	.00	.00	.56	.56	2.82	1.13	.00	.00	.00	.00	5.08	3.81
NNW	.00	.00	.00	.00	.00	2.26	1.69	.00	.00	.00	.00	.00	3.95	3.35

TOTAL .00 .00 .00 1.69 1.69 13.56 15.82 15.25 1.69 .00 .00 .00 .00 49.72

NUMBER OF CALMS 0

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

NUMBER OF VALID HOURS 177 (TOTAL NUMBER OF POSSIBLE OBSERVATIONS WITH VALID SPEED, DIRECTION, AND STABILITY)

REVISION 0

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

1/01/82 TO 3/31/82

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	RUN TOTAL	MEAN SPEED
N	0	0	0	1	0	0	1	0	0	0	0	0	2	2.73
NNE	0	0	0	0	0	0	0	0	0	0	0	0	0	.00
NE	0	0	0	0	0	0	0	0	1	0	0	0	1	7.51
ENE	0	0	0	0	0	0	0	0	0	0	0	0	0	.00
E	0	0	0	0	0	0	1	0	0	0	0	0	1	3.40
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	2.55
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	1	0	0	0	0	0	1	3.17
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	0	0	0	0	0	0	0	0	0	0	.00
NW	0	0	0	1	0	0	2	0	0	0	0	0	3	3.74
NNW	0	0	0	0	0	1	4	0	0	0	0	0	5	3.84

TOTAL 0 0 0 2 1 1 10 0 1 0 0 0 0 15

NUMBER OF CALMS 0

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

NUMBER OF VALID HOURS 177 (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

1/01/82 TO 3/31/82

## 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	ROM TOTAL	MEAN SPEED
N	.00	.00	.00	.56	.00	.00	.56	.00	.00	.00	.00	.00	1.13	2.73
NNE	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
NE	.00	.00	.00	.00	.00	.00	.00	.00	.56	.00	.00	.00	.56	7.51
ENE	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
E	.00	.00	.00	.00	.00	.00	.56	.00	.00	.00	.00	.00	.56	3.40
ESE	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
SE	.00	.00	.00	.00	.56	.00	.56	.00	.00	.00	.00	.00	1.13	2.55
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	.56	.00	.00	.00	.00	.00	.56	3.17
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	.00	.00	.00	.00	.00	.00	.00	.00
NW	.00	.00	.00	.56	.00	.00	1.13	.00	.00	.00	.00	.00	1.69	3.74
NNW	.00	.00	.00	.00	.00	.56	2.26	.00	.00	.00	.00	.00	2.82	3.84
TOTAL	.00	.00	.00	1.13	.56	.56	5.65	.00	.56	.00	.00	.00	8.47	

NUMBER OF CALMS

0

NUMBER OF INVALID HOURS

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

NUMBER OF VALID HOURS

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

REVISION 0

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

1/01/82 TO 3/31/82

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	0	2	2	0	0	0	0	0	4	3.45
NNE	0	0	0	0	1	1	0	0	0	0	0	0	2	2.08
NE	0	0	0	0	0	0	0	1	0	0	0	0	1	6.88
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	2	1	0	0	0	0	0	3	2.77
SE	0	0	0	0	0	0	0	0	0	0	0	0	0	.00
SSE	0	0	0	0	0	0	1	0	0	0	0	0	1	3.49
S	0	0	0	0	0	0	0	0	0	0	0	0	0	.00
SSH	0	0	0	0	0	0	0	0	0	0	0	0	0	.00
SW	0	0	0	0	0	1	0	0	0	0	0	0	1	2.91
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	0	0	0	1	0	0	0	0	0	1	4.96
NW	0	0	0	0	0	0	2	0	0	0	0	0	2	3.84
NNW	0	0	0	0	0	1	0	0	1	0	0	0	2	5.30

TOTAL 0 0 0 0 1 7 7 1 1 0 0 0 0 17

NUMBER OF CALMS 0

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

NUMBER OF VALID HOURS 177 (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

1/01/82 TO 3/31/82

## 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	ROM TOTAL	MEAN SPEED
N	.00	.00	.00	.00	.00	1.13	1.13	.00	.00	.00	.00	.00	2.26	3.45
NNE	.00	.00	.00	.00	.56	.56	.00	.00	.00	.00	.00	.00	1.13	2.08
NE	.00	.00	.00	.00	.00	.00	.00	.56	.00	.00	.00	.00	.56	6.88
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	1.13	.56	.00	.00	.00	.00	.00	1.69	2.77
SE	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
SSE	.00	.00	.00	.00	.00	.00	.56	.00	.00	.00	.00	.00	.56	3.49
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	.56	.00	.00	.00	.00	.00	.00	.56	2.91
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	.56	.00	.00	.00	.00	.00	.56	4.96
NW	.00	.00	.00	.00	.00	.00	1.13	.00	.00	.00	.00	.00	1.13	3.84
NNW	.00	.00	.00	.00	.00	.56	.00	.00	.56	.00	.00	.00	1.13	5.30
TOTAL	.00	.00	.00	.00	.56	3.95	3.95	.56	.56	.00	.00	.00	9.60	

0

NUMBER OF CALMS

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

NUMBER OF VALID HOURS 177 (TOTAL NUMBER OF POSSIBLE OBSERVATIONS WITH VALID SPEED, DIRECTION, AND STABILITY)

REVISION 0

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

1/01/82 TO 3/31/82

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	FO4 TOTAL	MEAN SPEED
N	0	0	0	0	0	4	0	0	0	0	0	0	4	2.74
NNE	0	0	0	0	1	5	1	0	0	0	0	0	7	2.80
NE	0	0	0	0	1	1	3	0	0	0	0	0	5	3.07
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	0	0	1	0	0	0	0	0	0	0	0	1	1.56
SE	0	0	0	0	3	2	0	0	0	0	0	0	5	2.05
SSE	0	0	0	0	0	1	0	0	0	0	0	0	1	2.10
S	0	0	0	0	0	2	0	0	0	0	0	0	2	2.82
SSW	0	0	0	0	2	0	1	0	0	0	0	0	3	2.49
SW	0	0	0	0	1	1	1	0	0	0	0	0	3	2.59
WSW	0	0	0	0	0	0	0	0	0	0	0	0	0	.00
W	0	0	0	1	1	1	0	0	0	0	0	0	3	1.80
WNW	0	0	0	0	0	0	1	0	0	0	0	0	1	3.31
NW	0	0	0	0	0	4	0	0	0	0	0	0	4	2.62
NNW	0	0	0	1	0	1	1	0	0	0	0	0	3	2.91
TOTAL	0	0	0	3	9	22	8	0	0	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

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



REVISION 0

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 PERCENT OF TOTAL

1/01/82 TO 3/31/82

## 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	FOU TOTAL	MEAN SPEED
N	.00	.00	.00	.00	.00	2.26	.00	.00	.00	.00	.00	.00	2.26	2.74
NNE	.00	.00	.00	.00	.56	2.82	.56	.00	.00	.00	.00	.00	3.95	2.80
NE	.00	.00	.00	.00	.56	.56	1.69	.00	.00	.00	.00	.00	2.82	3.07
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	.00	.00	.56	.00	.00	.00	.00	.00	.00	.00	.00	.56	1.56
SE	.00	.00	.00	.00	1.69	1.13	.00	.00	.00	.00	.00	.00	2.82	2.05
SSE	.00	.00	.00	.00	.00	.56	.00	.00	.00	.00	.00	.00	.56	2.10
S	.00	.00	.00	.00	.00	1.13	.00	.00	.00	.00	.00	.00	1.13	2.82
SSW	.00	.00	.00	.00	1.13	.00	.56	.00	.00	.00	.00	.00	1.69	2.49
SW	.00	.00	.00	.00	.56	.56	.56	.00	.00	.00	.00	.00	1.69	2.59
WSW	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
W	.00	.00	.00	.56	.56	.56	.00	.00	.00	.00	.00	.00	1.69	1.80
WNW	.00	.00	.00	.00	.00	.00	.56	.00	.00	.00	.00	.00	.56	3.31
NW	.00	.00	.00	.00	.00	2.26	.00	.00	.00	.00	.00	.00	2.26	2.62
NNW	.00	.00	.00	.56	.00	.56	.56	.00	.00	.00	.00	.00	1.69	2.91
TOTAL	.00	.00	.00	1.69	5.08	12.43	4.52	.00	.00	.00	.00	.00	23.73	

NUMBER OF CALMS

0

NUMBER OF INVALID HOURS

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

NUMBER OF VALID HOURS

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



REVISION 0

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

1/01/82 TO 3/31/82

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	0	0	0	0	0	1	1	0	0	0	0	0	2	2.70
NNE	0	0	0	0	0	1	2	0	0	0	0	0	3	3.22
NE	0	0	0	1	0	0	0	0	0	0	0	0	1	1.34
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	3	0	0	0	0	0	0	3	2.53
S	0	0	0	0	0	1	0	0	0	0	0	0	1	3.00
SSW	0	0	0	0	0	0	0	0	0	0	0	0	0	.00
SW	0	0	0	0	0	0	1	0	0	0	0	0	1	3.49
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	0	0	0	0	0	0	0	0	0	0	.00
NW	0	0	0	0	0	0	0	0	0	0	0	0	0	.00
NNW	0	0	0	0	0	1	0	0	0	0	0	0	1	2.10
TOTAL	0	0	0	1	0	7	4	0	0	0	0	0	12	

NUMBER OF CALMS 0

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

NUMBER OF VALID HOURS 177 (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 PERCENT OF TOTAL

1/01/82 TO 3/31/82

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	.56	.56	.00	.00	.00	.00	.00	1.13	2.70
NNE	.00	.00	.00	.00	.00	.56	1.13	.00	.00	.00	.00	.00	1.69	3.22
NE	.00	.00	.00	.56	.00	.00	.00	.00	.00	.00	.00	.00	.56	1.34
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	1.69	.00	.00	.00	.00	.00	.00	1.69	2.53
S	.00	.00	.00	.00	.00	.56	.00	.00	.00	.00	.00	.00	.56	3.00
SSW	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
SW	.00	.00	.00	.00	.00	.00	.56	.00	.00	.00	.00	.00	.56	3.49
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	.00	.00	.00	.00	.00	.00	.00	.00
NW	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
NNW	.00	.00	.00	.00	.00	.56	.00	.00	.00	.00	.00	.00	.56	2.10
TOTAL	.00	.00	.00	.56	.00	3.95	2.26	.00	.00	.00	.00	.00	6.78	

0

NUMBER OF CALYS

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

NUMBER OF VALID HOURS 177 (TOTAL NUMBER OF POSSIBLE OBSERVATIONS WITH VALID SPEED, DIRECTION, AND STABILITY)

REVISION 0

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

1/01/82 TO 3/31/82

WIND SPEED (M/S)

WIND DIRECTION	.220- .500	.510- .750	.760- 1	1.10- 1.50	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	RM TOTAL	MEAN SPEED
N	0	0	0	0	0	0	1	0	0	0	0	0	0	1	2.46
NNE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.00
NE	0	0	1	0	0	0	0	0	0	0	0	0	0	1	.80
ENE	0	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	0	.00
ESE	0	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	0	.00
SSE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.00
S	0	0	0	0	0	0	1	0	0	0	0	0	0	1	2.54
SSW	0	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	0	.00
WSW	0	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	0	.00
WNW	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.00
NW	0	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	0	.00
TOTAL	0	0	1	0	0	0	2	0	0	0	0	0	0	3	

NUMBER OF CALMS

0

NUMBER OF INVALID HOURS

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

NUMBER OF VALID HOURS

177 (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

1/01/82 TO 3/31/82

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	.00	.00	.56	.00	.00	.00	.00	.00	.00	.56	2.46
NNE	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
NE	.00	.00	.56	.00	.00	.00	.00	.00	.00	.00	.00	.00	.56	.80
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	.56	.00	.00	.00	.00	.00	.00	.56	2.64
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	.00	.00	.00	.00	.00	.00	.00	.00
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	.56	.00	.00	1.13	.00	.00	.00	.00	.00	.00	1.69	

NUMBER OF CALMS 0

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

NUMBER OF VALID HOURS 177 (TOTAL NUMBER OF POSSIBLE OBSERVATIONS WITH VALID SPEED, DIRECTION, AND STABILITY)

REVISION 0

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

1/01/82 TO 3/31/82

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	FCM TOTAL	MEAN SPEED
N	0	0	0	0	0	0	0	0	0	0	0	0	0	.00
NNE	0	0	0	0	0	0	0	0	0	0	0	0	0	.00
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	0	0	0	0	0	0	0	.00
WNW	0	0	0	0	0	0	0	0	0	0	0	0	0	.00
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	0	0	0	0	0	0	0	0	0	0	

0

NUMBER OF CALTS

NUMBER OF INVALID HOURS

3 (TOTAL NUMBER OF POSSIBLE OBSERVATIONS LESS NUMBER OF VALID HOURS)

NUMBER OF VALID HOURS

177 (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 PERCENT OF TOTAL

1/01/82 TO 3/31/82

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	.00	.00	.00	.00	.00	.00	.00	.00	.00
NNE	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
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	.00	.00	.00	.00	.00	.00	.00	.00
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	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00

NUMBER OF CALMS

0

NUMBER OF INVALID HOURS

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

NUMBER OF VALID HOURS

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

CALVERT CLIFFS NUCLEAR POWER PLANT  
METEOROLOGICAL DATA  
April 1, 1982 to June 30, 1982



WIND FREQUENCY DISTRIBUTION  
ALL STABILITY CLASSES



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

REVISION 0

WIND FREQUENCY DISTRIBUTION

FREQUENCY IN NUMBER OF OCCURRENCES

4/01/82 TO 6/30/82

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	9	16	14	30	56	13	2	0	0	0	142	3.15
NNE	1	1	8	20	15	23	11	2	0	0	0	0	81	2.15
NE	0	1	5	26	21	37	14	0	0	0	0	0	104	2.16
ENE	0	3	9	21	19	39	6	0	0	0	0	0	97	1.98
E	0	1	5	16	15	22	5	0	0	0	0	0	64	1.98
ESE	0	1	5	15	15	28	18	0	0	0	0	0	82	2.37
SE	1	2	3	19	28	44	43	2	0	0	0	0	142	2.63
SSE	0	0	3	26	20	72	92	27	2	0	0	0	242	3.33
S	0	0	1	13	27	76	40	8	0	0	0	0	165	2.82
SSW	0	2	4	19	43	95	51	11	0	0	0	0	225	2.67
SW	0	2	4	30	57	68	23	2	0	0	0	0	186	2.26
WSW	1	2	5	10	27	26	10	5	1	0	0	0	87	2.42
W	0	0	4	4	15	23	17	3	0	0	0	0	66	2.71
WNW	0	1	2	12	25	45	35	15	15	0	0	0	150	3.54
NW	0	1	1	5	12	49	54	18	7	0	0	0	147	3.63
NNW	0	0	1	13	21	53	67	26	9	0	0	0	190	3.58
TOTAL	4	18	69	265	374	730	542	132	36	0	0	0	2170	

NUMBER OF CALMS 0

NUMBER OF INVALID HOURS 14 (TOTAL NUMBER OF POSSIBLE OBSERVATIONS LESS NUMBER OF VALID HOURS)

NUMBER OF VALID HOURS 2170 (TOTAL NUMBER OF POSSIBLE OBSERVATIONS WITH VALID SPEED, DIRECTION, AND STABILITY)

WIND FREQUENCY DISTRIBUTION  
BY STABILITY CLASS

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

## WIND FREQUENCY DISTRIBUTION

## FREQUENCY IN NUMBER OF OCCURRENCES

4/01/82 TO 6/30/82

## 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	POW TOTAL	MEAN SPEED
N	0	0	0	0	0	13	24	7	1	0	0	0	45	3.93
NNE	0	0	0	0	3	13	5	1	0	0	0	0	22	2.85
NE	0	0	0	0	1	13	5	0	0	0	0	0	19	2.83
ENE	0	0	0	1	7	20	3	0	0	0	0	0	31	2.43
E	0	0	0	0	1	5	2	0	0	0	0	0	8	2.56
ESE	0	0	0	0	2	6	3	0	0	0	0	0	11	2.87
SE	0	0	0	0	0	8	17	2	0	0	0	0	27	3.79
SSE	0	0	0	0	0	8	25	17	2	0	0	0	52	4.64
S	0	0	0	0	0	5	6	1	0	0	0	0	12	3.49
SSW	0	0	0	0	2	7	10	8	0	0	0	0	27	3.86
SW	0	0	0	0	0	17	7	1	0	0	0	0	25	3.01
WSW	0	0	0	0	2	7	3	5	1	0	0	0	18	3.88
W	0	0	0	0	1	3	9	3	0	0	0	0	16	4.07
WNW	0	0	0	0	1	4	13	8	9	0	0	0	35	5.50
NW	0	0	0	0	1	5	14	14	3	0	0	0	37	4.90
NNW	0	0	0	0	3	16	34	22	8	0	0	0	83	4.46
TOTAL	0	0	0	1	24	150	180	89	24	0	0	0	468	

NUMBER OF CALMS 0

NUMBER OF INVALID HOURS 14 (TOTAL NUMBER OF POSSIBLE OBSERVATIONS LESS NUMBER OF VALID HOURS)

NUMBER OF VALID HOURS 2170 (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 A (30-200 FOOT)  
 WINDS AT 33 FOOT LEVEL

## WIND FREQUENCY DISTRIBUTION

## FREQUENCY IN PERCENT OF TOTAL

4/01/82 TO 6/30/82

## 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	ROM TOTAL	MEAN SPEED
N	.00	.00	.00	.00	.00	.60	1.11	.32	.05	.00	.00	.00	2.07	3.93
NNE	.00	.00	.00	.00	.14	.60	.23	.05	.00	.00	.00	.00	1.01	2.85
NE	.00	.00	.00	.00	.05	.60	.23	.00	.00	.00	.00	.00	.88	2.83
ENE	.00	.00	.00	.05	.32	.92	.14	.00	.00	.00	.00	.00	1.43	2.43
E	.00	.00	.00	.00	.05	.23	.09	.00	.00	.00	.00	.00	.37	2.56
ESE	.00	.00	.00	.00	.09	.28	.14	.00	.00	.00	.00	.00	.51	2.87
SE	.00	.00	.00	.00	.00	.37	.78	.09	.00	.00	.00	.00	1.24	3.79
SSE	.00	.00	.00	.00	.00	.37	1.15	.78	.09	.00	.00	.00	2.40	4.64
S	.00	.00	.00	.00	.00	.23	.28	.05	.00	.00	.00	.00	.55	3.49
SSW	.00	.00	.00	.00	.09	.32	.46	.37	.00	.00	.00	.00	1.24	3.86
SW	.00	.00	.00	.00	.00	.78	.32	.05	.00	.00	.00	.00	1.15	3.01
WSW	.00	.00	.00	.00	.09	.32	.14	.23	.05	.00	.00	.00	.83	3.88
W	.00	.00	.00	.00	.05	.14	.41	.14	.00	.00	.00	.00	.74	4.07
WNW	.00	.00	.00	.00	.05	.18	.60	.37	.41	.00	.00	.00	1.61	5.50
NW	.00	.00	.00	.00	.05	.23	.65	.65	.14	.00	.00	.00	1.71	4.90
NNW	.00	.00	.00	.00	.14	.74	1.57	1.01	.37	.00	.00	.00	3.82	4.46
TOTAL	.00	.00	.00	.05	1.11	6.91	8.29	4.10	1.11	.00	.00	.00	21.57	

NUMBER OF CALMS 0

NUMBER OF INVALID HOURS 14 (TOTAL NUMBER OF POSSIBLE OBSERVATIONS LESS NUMBER OF VALID HOURS)

NUMBER OF VALID HOURS 2170 (TOTAL NUMBER OF POSSIBLE OBSERVATIONS WITH VALID SPEED, DIRECTION, AND STABILITY)

REVISION 0

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

4/01/82 TO 6/30/82

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- 16	>18.0	ROW TOTAL	MEAN SPEED
N	0	0	0	0	1	5	12	4	1	0	0	0	23	4.02
NNE	0	0	0	0	0	6	4	1	0	0	0	0	11	3.31
NE	0	0	0	1	0	9	5	0	0	0	0	0	15	2.88
ENE	0	0	0	0	3	9	1	0	0	0	0	0	13	2.42
E	0	0	0	0	0	4	1	0	0	0	0	0	5	2.78
ESE	0	0	0	1	0	1	4	0	0	0	0	0	6	3.41
SE	0	0	0	0	0	1	8	0	0	0	0	0	9	3.94
SSE	0	0	0	0	1	7	29	3	0	0	0	0	40	3.93
S	0	0	0	1	2	6	11	1	0	0	0	0	21	3.43
SSW	0	0	0	2	0	9	7	1	0	0	0	0	19	3.17
SW	0	0	0	0	2	1	4	0	0	0	0	0	7	3.16
WSW	0	0	0	0	0	3	2	0	0	0	0	0	5	3.05
W	0	0	0	0	0	3	2	0	0	0	0	0	5	3.20
WNW	0	0	0	0	0	5	5	2	2	0	0	0	14	4.35
NW	0	1	0	1	1	6	7	1	2	0	0	0	19	3.75
NNW	0	0	0	0	2	12	7	1	1	0	0	0	23	3.34
TOTAL	0	1	0	6	12	87	109	14	6	0	0	0	235	

NUMBER OF CALMS 0

NUMBER OF INVALID HOURS 14 (TOTAL NUMBER OF POSSIBLE OBSERVATIONS LESS NUMBER OF VALID HOURS)

NUMBER OF VALID HOURS 2170 (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

4/01/82 TO 6/30/82

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	.05	.23	.55	.18	.05	.00	.00	.00	1.06	4.02
NNE	.00	.00	.00	.00	.00	.28	.18	.05	.00	.00	.00	.00	.51	3.31
NE	.00	.00	.00	.05	.00	.41	.23	.00	.00	.00	.00	.00	.69	2.88
ENE	.00	.00	.00	.00	.14	.41	.05	.00	.00	.00	.00	.00	.60	2.42
E	.00	.00	.00	.00	.00	.18	.05	.00	.00	.00	.00	.00	.23	2.78
ESE	.00	.00	.00	.05	.00	.05	.18	.00	.00	.00	.00	.00	.28	3.41
SE	.00	.00	.00	.00	.00	.05	.37	.00	.00	.00	.00	.00	.41	3.94
SSE	.00	.00	.00	.00	.05	.32	1.34	.14	.00	.00	.00	.00	1.84	3.93
S	.00	.00	.00	.05	.09	.28	.51	.05	.00	.00	.00	.00	.97	3.43
SSW	.00	.00	.00	.09	.00	.41	.32	.05	.00	.00	.00	.00	.88	3.17
SW	.00	.00	.00	.00	.09	.05	.18	.00	.00	.00	.00	.00	.32	3.16
WSW	.00	.00	.00	.00	.00	.14	.09	.00	.00	.00	.00	.00	.23	3.05
W	.00	.00	.00	.00	.00	.14	.09	.00	.00	.00	.00	.00	.23	3.20
WNW	.00	.00	.00	.00	.00	.23	.23	.09	.09	.00	.00	.00	.65	4.35
NW	.00	.05	.00	.05	.05	.28	.32	.05	.09	.00	.00	.00	.88	3.75
NNW	.00	.00	.00	.00	.09	.55	.32	.05	.05	.00	.00	.00	1.06	3.34
TOTAL	.00	.05	.00	.28	.55	4.01	5.02	.65	.28	.00	.00	.00	10.83	

NUMBER OF CALMS 0

NUMBER OF INVALID HOURS 14 (TOTAL NUMBER OF POSSIBLE OBSERVATIONS LESS NUMBER OF VALID HOURS)

NUMBER OF VALID HOURS 2170 (TOTAL NUMBER OF POSSIBLE OBSERVATIONS WITH VALID SPEED, DIRECTION, AND STABILITY)

REVISION 0

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 NUMBER OF OCCURRENCES

4/01/82 TO 6/30/82

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	2	3	3	2	0	0	0	0	10	3.67
NNE	0	0	0	0	0	3	1	0	0	0	0	0	4	2.75
NE	0	0	0	0	3	10	4	0	0	0	0	0	17	2.74
ENE	0	0	0	0	2	8	1	0	0	0	0	0	11	2.48
E	0	0	0	0	3	4	1	0	0	0	0	0	8	2.41
ESE	0	0	0	0	0	2	5	0	0	0	0	0	7	3.53
SE	0	0	0	0	0	1	15	0	0	0	0	0	16	3.68
SSE	0	0	0	1	3	4	30	7	0	0	0	0	45	3.99
S	0	0	0	0	0	6	13	6	0	0	0	0	25	4.24
SSW	0	0	0	0	3	2	11	2	0	0	0	0	18	3.62
SW	0	0	0	0	2	6	3	1	0	0	0	0	12	3.05
WSW	0	0	0	1	1	5	0	0	0	0	0	0	7	2.25
W	0	0	0	0	1	2	4	0	0	0	0	0	7	3.19
WNW	0	0	0	0	0	2	9	5	4	0	0	0	20	5.23
NW	0	0	0	0	0	1	15	3	2	0	0	0	21	4.76
NNW	0	0	0	0	3	4	15	3	0	0	0	0	25	3.98
TOTAL	0	0	0	2	23	63	130	29	6	0	0	0	253	

NUMBER OF CALMS 0

NUMBER OF INVALID HOURS 14 (TOTAL NUMBER OF POSSIBLE OBSERVATIONS LESS NUMBER OF VALID HOURS)

NUMBER OF VALID HOURS 2170 (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

4/01/82 TO 6/30/82

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	.09	.14	.14	.09	.00	.00	.00	.00	.46	3.67
NNE	.00	.00	.00	.00	.00	.14	.05	.00	.00	.00	.00	.00	.18	2.75
NE	.00	.00	.00	.00	.14	.46	.18	.00	.00	.00	.00	.00	.78	2.74
ENE	.00	.00	.00	.00	.09	.37	.05	.00	.00	.00	.00	.00	.51	2.48
E	.00	.00	.00	.00	.14	.18	.05	.00	.00	.00	.00	.00	.37	2.41
ESE	.00	.00	.00	.00	.00	.09	.23	.00	.00	.00	.00	.00	.32	3.53
SE	.00	.00	.00	.00	.00	.05	.69	.00	.00	.00	.00	.00	.74	3.68
SSE	.00	.00	.00	.05	.14	.18	1.38	.32	.00	.00	.00	.00	2.07	3.99
S	.00	.00	.00	.00	.00	.28	.60	.28	.00	.00	.00	.00	1.15	4.24
SSW	.00	.00	.00	.00	.14	.09	.51	.09	.00	.00	.00	.00	.83	3.62
SW	.00	.00	.00	.00	.09	.28	.14	.05	.00	.00	.00	.00	.55	3.05
WSW	.00	.00	.00	.05	.05	.23	.00	.00	.00	.00	.00	.00	.32	2.25
W	.00	.00	.00	.00	.05	.09	.18	.00	.00	.00	.00	.00	.32	3.19
WNW	.00	.00	.00	.00	.00	.09	.41	.23	.18	.00	.00	.00	.92	5.23
NW	.00	.00	.00	.00	.00	.05	.69	.14	.09	.00	.00	.00	.97	4.76
NNW	.00	.00	.00	.00	.14	.18	.69	.14	.00	.00	.00	.00	1.15	3.98
TOTAL	.00	.00	.00	.09	1.05	2.90	5.99	1.34	.28	.00	.00	.00	11.66	

NUMBER OF CALMS 0

NUMBER OF INVALID HOURS 14 (TOTAL NUMBER OF POSSIBLE OBSERVATIONS LESS NUMBER OF VALID HOURS)

NUMBER OF VALID HOURS 2170 (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

WIND FREQUENCY DISTRIBUTION

FREQUENCY IN NUMBER OF OCCURRENCES

4/01/82 TO 6/30/82

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	4	6	9	11	0	0	0	0	0	32	2.61
NNE	0	0	3	14	7	1	1	0	0	0	0	0	26	1.60
NE	0	0	3	13	13	4	0	0	0	0	0	0	33	1.59
ENE	0	1	1	6	0	2	1	0	0	0	0	0	11	1.65
E	0	0	2	10	5	8	1	0	0	0	0	0	26	1.86
ESE	0	0	3	9	9	16	6	0	0	0	0	0	43	2.17
SE	0	0	1	10	15	24	3	0	0	0	0	0	53	2.15
SSE	0	0	0	9	7	37	8	0	0	0	0	0	61	2.40
S	0	0	0	4	6	24	8	0	0	0	0	0	42	2.58
SSW	0	1	0	4	18	34	17	0	0	0	0	0	74	2.48
SW	0	0	1	8	14	26	8	0	0	0	0	0	57	2.34
WSW	0	0	2	3	5	5	5	0	0	0	0	0	20	2.34
W	0	0	2	2	1	9	2	0	0	0	0	0	16	2.27
WNW	0	0	1	2	8	20	8	0	0	0	0	0	39	2.48
NW	0	0	1	1	3	20	17	0	0	0	0	0	42	2.87
NNW	0	0	0	3	7	13	8	0	0	0	0	0	31	2.55

TOTAL	0	2	22	102	124	252	104	0	0	0	0	0	606	
NUMBER OF CALMS	0													
NUMBER OF INVALID HOURS	14 (TOTAL NUMBER OF POSSIBLE OBSERVATIONS LESS NUMBER OF VALID HOURS)													
NUMBER OF VALID HOURS	2170 (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

## WIND FREQUENCY DISTRIBUTION

## FREQUENCY IN PERCENT OF TOTAL

4/01/82 TO 6/30/82

## 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	.18	.28	.41	.51	.00	.00	.00	.00	.00	1.47	2.64
NNE	.00	.00	.14	.65	.32	.05	.05	.00	.00	.00	.00	.00	1.20	1.60
NE	.00	.00	.14	.60	.60	.18	.00	.00	.00	.00	.00	.00	1.52	1.59
ENE	.00	.05	.05	.28	.00	.09	.05	.00	.00	.00	.00	.00	.51	1.65
E	.00	.00	.09	.46	.23	.37	.05	.00	.00	.00	.00	.00	1.20	1.86
ESE	.00	.00	.14	.41	.41	.74	.28	.00	.00	.00	.00	.00	1.98	2.17
SE	.00	.00	.05	.46	.69	1.11	.14	.00	.00	.00	.00	.00	2.44	2.15
SSE	.00	.00	.00	.41	.32	1.71	.37	.00	.00	.00	.00	.00	2.81	2.40
S	.00	.00	.00	.18	.28	1.11	.37	.00	.00	.00	.00	.00	1.94	2.58
SEW	.00	.05	.00	.18	.83	1.57	.78	.00	.00	.00	.00	.00	3.41	2.48
SW	.00	.00	.05	.37	.65	1.20	.37	.00	.00	.00	.00	.00	2.63	2.34
WSW	.00	.00	.09	.14	.23	.23	.23	.00	.00	.00	.00	.00	.92	2.34
W	.00	.00	.09	.09	.05	.41	.09	.00	.00	.00	.00	.00	.74	2.27
WNW	.00	.00	.05	.09	.37	.92	.37	.00	.00	.00	.00	.00	1.80	2.48
NW	.00	.00	.05	.05	.14	.92	.78	.00	.00	.00	.00	.00	1.94	2.87
NNW	.00	.00	.00	.14	.32	.60	.37	.00	.00	.00	.00	.00	1.43	2.55
TOTAL	.00	.09	1.01	4.70	5.71	11.61	4.79	.00	.00	.00	.00	.00	27.93	

NUMBER OF CALMS

0

NUMBER OF INVALID HOURS

14 (TOTAL NUMBER OF POSSIBLE OBSERVATIONS LESS NUMBER OF VALID HOURS)

NUMBER OF VALID HOURS

2170 (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 0

WIND FREQUENCY DISTRIBUTION

FREQUENCY IN NUMBER OF OCCURRENCES

4/01/82 TO 6/30/82

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	5	10	5	0	6	0	0	0	0	0	27	1.96
NNE	0	0	3	6	5	0	0	0	0	0	0	0	14	1.40
NE	0	1	1	12	4	1	0	0	0	0	0	0	19	1.42
ENE	0	2	7	11	7	0	0	0	0	0	0	0	27	1.30
E	0	0	3	3	4	1	0	0	0	0	0	0	11	1.51
ESE	0	1	2	5	2	2	0	0	0	0	0	0	12	1.52
SE	0	1	2	5	11	9	0	0	0	0	0	0	28	1.80
SSE	0	0	0	12	6	11	0	0	0	0	0	0	29	1.88
S	0	0	1	4	10	18	2	0	0	0	0	0	35	2.13
SSW	0	0	2	9	9	23	2	0	0	0	0	0	45	2.13
SW	0	1	1	11	15	11	1	0	0	0	0	0	40	1.84
WSW	0	0	0	2	9	2	0	0	0	0	0	0	13	1.90
W	0	0	1	1	9	3	0	0	0	0	0	0	14	1.76
WNW	0	0	1	3	10	11	0	0	0	0	0	0	25	1.96
NW	0	0	0	1	3	13	1	0	0	0	0	0	18	2.32
NNW	0	0	0	7	3	8	3	0	0	0	0	0	21	2.06
TOTAL	0	7	29	102	112	113	15	0	0	0	0	0	378	
NUMBER OF CALMS	0													

NUMBER OF INVALID HOURS 14 (TOTAL NUMBER OF POSSIBLE OBSERVATIONS LESS NUMBER OF VALID HOURS)

NUMBER OF VALID HOURS 2170 (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

WIND FREQUENCY DISTRIBUTION

FREQUENCY IN PERCENT OF TOTAL

4/01/82 TO 6/30/82

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	ROM TOTAL	MEAN SPEED
N	.00	.05	.23	.46	.23	.00	.28	.00	.00	.00	.00	.00	1.24	1.96
NNE	.00	.00	.14	.28	.23	.00	.00	.00	.00	.00	.00	.00	.65	1.40
NE	.00	.05	.05	.55	.18	.05	.00	.00	.00	.00	.00	.00	.88	1.42
ENE	.00	.09	.32	.51	.32	.00	.00	.00	.00	.00	.00	.00	1.24	1.30
E	.00	.00	.14	.14	.18	.05	.00	.00	.00	.00	.00	.00	.51	1.51
ESE	.00	.05	.09	.23	.09	.09	.00	.00	.00	.00	.00	.00	.55	1.52
SE	.00	.05	.09	.23	.51	.41	.00	.00	.00	.00	.00	.00	1.29	1.80
SSE	.00	.00	.00	.55	.28	.51	.00	.00	.00	.00	.00	.00	1.34	1.88
S	.00	.00	.05	.18	.46	.83	.09	.00	.00	.00	.00	.00	1.61	2.13
SSW	.00	.00	.09	.41	.41	1.06	.09	.00	.00	.00	.00	.00	2.07	2.13
SW	.00	.05	.05	.51	.69	.51	.05	.00	.00	.00	.00	.00	1.84	1.84
WSW	.00	.00	.00	.09	.41	.09	.00	.00	.00	.00	.00	.00	.60	1.90
W	.00	.00	.05	.05	.41	.14	.00	.00	.00	.00	.00	.00	.65	1.76
WNW	.00	.00	.05	.14	.46	.51	.00	.00	.00	.00	.00	.00	1.15	1.96
NW	.00	.00	.00	.05	.14	.60	.05	.00	.00	.00	.00	.00	.83	2.32
NNW	.00	.00	.00	.32	.14	.37	.14	.00	.00	.00	.00	.00	.97	2.06
TOTAL	.00	.32	1.34	4.70	5.16	5.21	.69	.00	.00	.00	.00	.00	17.42	

NUMBER OF CALMS 0

NUMBER OF INVALID HOURS 14 (TOTAL NUMBER OF POSSIBLE OBSERVATIONS LESS NUMBER OF VALID HOURS)

NUMBER OF VALID HOURS 2170 (TOTAL NUMBER OF POSSIBLE OBSERVATIONS WITH VALID SPEED, DIRECTION, AND STABILITY)

REVISION 0

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 NUMBER OF OCCURRENCES

4/01/82 TO 6/30/82

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	2	0	0	0	0	0	0	0	0	4	1.02
NNE	0	1	2	0	0	0	0	0	0	0	0	0	3	.88
NE	0	0	1	0	0	0	0	0	0	0	0	0	1	1.03
ENE	0	0	1	3	0	0	0	0	0	0	0	0	4	1.17
E	0	1	0	2	2	0	0	0	0	0	0	0	5	1.35
ESE	0	0	0	0	2	1	0	0	0	0	0	0	3	1.88
SE	0	1	0	2	2	1	0	0	0	0	0	0	6	1.60
SSE	0	0	1	3	3	5	0	0	0	0	0	0	12	1.93
S	0	0	0	3	7	12	0	0	0	0	0	0	22	2.08
SSW	0	0	2	2	10	18	2	0	0	0	0	0	34	2.23
SW	0	1	1	7	19	6	0	0	0	0	0	0	34	1.76
WSW	1	0	3	2	5	2	0	0	0	0	0	0	13	1.56
W	0	0	1	1	1	3	0	0	0	0	0	0	6	1.88
WNW	0	0	0	4	2	3	0	0	0	0	0	0	9	1.81
NW	0	0	0	1	1	3	0	0	0	0	0	0	5	1.96
NNW	0	0	0	3	2	0	0	0	0	0	0	0	5	1.60
TOTAL	1	4	14	35	56	54	2	0	0	0	0	0	166	

NUMBER OF CALMS 0

NUMBER OF INVALID HOURS 14 (TOTAL NUMBER OF POSSIBLE OBSERVATIONS LESS NUMBER OF VALID HOURS)

NUMBER OF VALID HOURS 2170 (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

4/01/82 TO 6/30/82

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	ROM TOTAL	MEAN SPEED
N	.00	.00	.09	.09	.00	.00	.00	.00	.00	.00	.00	.00	.18	1.02
NNE	.00	.05	.09	.00	.00	.00	.00	.00	.00	.00	.00	.00	.14	.88
NE	.00	.00	.05	.00	.00	.00	.00	.00	.00	.00	.00	.00	.05	1.03
ENE	.00	.00	.05	.14	.00	.00	.00	.00	.00	.00	.00	.00	.18	1.17
E	.00	.05	.00	.09	.09	.00	.00	.00	.00	.00	.00	.00	.23	1.35
ESE	.00	.00	.00	.00	.09	.05	.00	.00	.00	.00	.00	.00	.14	1.88
SE	.00	.05	.00	.09	.09	.05	.00	.00	.00	.00	.00	.00	.28	1.60
SSE	.00	.00	.05	.14	.14	.23	.00	.00	.00	.00	.00	.00	.55	1.93
S	.00	.00	.00	.14	.32	.55	.00	.00	.00	.00	.00	.00	1.01	2.08
SSW	.00	.00	.09	.09	.46	.83	.09	.00	.00	.00	.00	.00	1.57	2.23
SW	.00	.05	.05	.32	.88	.28	.00	.00	.00	.00	.00	.00	1.57	1.76
WSW	.05	.00	.14	.09	.23	.09	.00	.00	.00	.00	.00	.00	.60	1.56
W	.00	.00	.05	.05	.05	.14	.00	.00	.00	.00	.00	.00	.28	1.88
WNW	.00	.00	.00	.18	.09	.14	.00	.00	.00	.00	.00	.00	.41	1.81
NW	.00	.00	.00	.05	.05	.14	.00	.00	.00	.00	.00	.00	.23	1.96
NNW	.00	.00	.00	.14	.09	.00	.00	.00	.00	.00	.00	.00	.23	1.60
TOTAL	.05	.18	.65	1.61	2.58	2.49	.09	.00	.00	.00	.00	.00	7.65	

0

NUMBER OF CALMS

NUMBER OF INVALID HOURS 14 (TOTAL NUMBER OF POSSIBLE OBSERVATIONS LESS NUMBER OF VALID HOURS)

NUMBER OF VALID HOURS 2170 (TOTAL NUMBER OF POSSIBLE OBSERVATIONS WITH VALID SPEED, DIRECTION, AND STABILITY)



REVISION 0

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 NUMBER OF OCCURRENCES

4/01/82 TO 6/30/82

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	0	0	0	0	0	0	0	0	0	0	0	1	.27
NNE	1	0	0	0	0	0	0	0	0	0	0	0	1	.49
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	1	0	0	0	0	0	0	0	0	1	1.25
ESE	0	0	0	0	0	0	0	0	0	0	0	0	0	.00
SE	1	0	0	2	0	0	0	0	0	0	0	0	3	1.06
SSE	0	0	2	1	0	0	0	0	0	0	0	0	3	1.04
S	0	0	0	1	2	5	0	0	0	0	0	0	8	2.06
SSW	0	1	0	2	1	2	2	0	0	0	0	0	8	2.02
SW	0	0	1	4	5	1	0	0	0	0	0	0	11	1.69
WSW	0	2	0	2	5	2	0	0	0	0	0	0	11	1.53
W	0	0	0	0	2	0	0	0	0	0	0	0	2	1.70
WNW	0	1	0	3	4	0	0	0	0	0	0	0	8	1.45
NW	0	0	0	1	3	1	0	0	0	0	0	0	5	1.81
NNW	0	0	1	0	1	0	0	0	0	0	0	0	2	1.36

TOTAL	3	4	4	17	23	11	2	0	0	0	0	0	64	
NUMBER OF CALMS	0													
NUMBER OF INVALID HOURS	14	(TOTAL NUMBER OF POSSIBLE OBSERVATIONS LESS NUMBER OF VALID HOURS)												
NUMBER OF VALID HOURS	2170	(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

4/01/82 TO 6/30/82

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	ROM TOTAL	MEAN SPEED
N	.05	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.05	.27
NNE	.05	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.05	.49
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	.05	.00	.00	.00	.00	.00	.00	.00	.00	.05	1.25
ESE	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
SE	.05	.00	.00	.09	.00	.00	.00	.00	.00	.00	.00	.00	.14	1.06
SSE	.00	.00	.09	.05	.00	.00	.00	.00	.00	.00	.00	.00	.14	1.04
S	.00	.00	.00	.05	.09	.23	.00	.00	.00	.00	.00	.00	.37	2.06
SSW	.00	.05	.00	.09	.05	.09	.09	.00	.00	.00	.00	.00	.37	2.02
SW	.00	.00	.05	.18	.23	.05	.00	.00	.00	.00	.00	.00	.51	1.69
WSW	.00	.09	.00	.09	.23	.09	.00	.00	.00	.00	.00	.00	.51	1.63
W	.00	.00	.00	.00	.09	.00	.00	.00	.00	.00	.00	.00	.09	1.70
WNW	.00	.05	.00	.14	.18	.00	.00	.00	.00	.00	.00	.00	.37	1.45
NW	.00	.00	.00	.05	.14	.05	.00	.00	.00	.00	.00	.00	.23	1.81
NNW	.00	.00	.05	.00	.05	.00	.00	.00	.00	.00	.00	.00	.09	1.36
TOTAL	.14	.18	.18	.78	1.06	.51	.09	.00	.00	.00	.00	.00	2.95	

NUMBER OF CALMS 0

NUMBER OF INVALID HOURS 14 (TOTAL NUMBER OF POSSIBLE OBSERVATIONS LESS NUMBER OF VALID HOURS)

NUMBER OF VALID HOURS 2170 (TOTAL NUMBER OF POSSIBLE OBSERVATIONS WITH VALID SPEED, DIRECTION, AND STABILITY)

WIND FREQUENCY DISTRIBUTION  
BY STABILITY CLASS  
PERIODS OF RELEASE ONLY

REVISION 0

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

4/01/82 TO 6/30/82

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	0	9	20	5	1	0	0	0	35	3.94
NNE	0	0	0	0	2	10	5	1	0	0	0	0	18	2.94
NE	0	0	0	0	1	10	5	0	0	0	0	0	16	2.90
ENE	0	0	0	1	6	14	3	0	0	0	0	0	24	2.46
E	0	0	0	0	1	3	2	0	0	0	0	0	6	2.62
ESE	0	0	0	0	2	3	0	0	0	0	0	0	5	2.35
SE	0	0	0	0	0	4	10	2	0	0	0	0	16	4.03
SSE	0	0	0	0	0	4	15	14	2	0	0	0	36	4.87
S	0	0	0	0	0	3	4	1	0	0	0	0	8	3.54
SSW	0	0	0	0	2	5	6	0	0	0	0	0	13	2.96
SW	0	0	0	0	0	13	5	0	0	0	0	0	18	2.84
WSW	0	0	0	0	2	7	1	0	0	0	0	0	10	2.48
W	0	0	0	0	1	1	4	0	0	0	0	0	6	3.48
WNW	0	0	0	0	1	2	12	1	0	0	0	0	16	3.94
NW	0	0	0	0	0	2	11	6	1	0	0	0	20	4.55
NNW	0	0	0	0	1	8	27	20	8	0	0	0	64	4.77

TOTAL 0 0 0 1 19 98 131 50 12 0 0 0 0 311

NUMBER OF CALMS 0

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

NUMBER OF VALID HOURS 1508 (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

4/01/82 TO 6/30/82

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	.60	1.33	.33	.07	.00	.00	.00	2.32	3.94
NNE	.00	.00	.00	.00	.13	.66	.33	.07	.00	.00	.00	.00	1.19	2.94
NE	.00	.00	.00	.00	.07	.66	.33	.00	.00	.00	.00	.00	1.06	2.90
ENE	.00	.00	.00	.07	.40	.93	.20	.00	.00	.00	.00	.00	1.59	2.46
E	.00	.00	.00	.00	.07	.20	.13	.00	.00	.00	.00	.00	.40	2.62
ESE	.00	.00	.00	.00	.13	.20	.00	.00	.00	.00	.00	.00	.33	2.35
SE	.00	.00	.00	.00	.00	.27	.66	.13	.00	.00	.00	.00	1.06	4.03
SSE	.00	.00	.00	.00	.00	.27	1.06	.93	.13	.00	.00	.00	2.39	4.87
S	.00	.00	.00	.00	.00	.20	.27	.07	.00	.00	.00	.00	.53	3.54
SSW	.00	.00	.00	.00	.13	.33	.40	.00	.00	.00	.00	.00	.86	2.96
SW	.00	.00	.00	.00	.00	.86	.33	.00	.00	.00	.00	.00	1.19	2.84
WSW	.00	.00	.00	.00	.13	.46	.07	.00	.00	.00	.00	.00	.66	2.48
W	.00	.00	.00	.00	.07	.07	.27	.00	.00	.00	.00	.00	.40	3.48
WNW	.00	.00	.00	.00	.07	.13	.80	.07	.00	.00	.00	.00	1.06	3.94
NW	.00	.00	.00	.00	.00	.13	.73	.40	.07	.00	.00	.00	1.33	4.55
NNW	.00	.00	.00	.00	.07	.53	1.79	1.33	.53	.00	.00	.00	4.24	4.77
TOTAL	.00	.00	.00	.07	1.26	6.50	8.69	3.32	.80	.00	.00	.00	20.62	

NUMBER OF CALMS 0

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

NUMBER OF VALID HOURS 1508 (TOTAL NUMBER OF POSSIBLE OBSERVATIONS WITH VALID SPEED, DIRECTION, AND STABILITY)

REVISION 0

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

4/01/82 TO 6/30/82

WIND SPEED (M/S)

WIND DIRECTION	.220-.500	.510-.750	.760-1.100	1.10-1.50	1.50-2.10	2.10-3.10	3.10-5.10	5.10-7.10	7.10-10.1	10.1-13.1	13.1-18.1	>18.0	ROW TOTAL	MEAN SPEED
N	0	0	0	0	1	2	10	4	1	0	0	0	18	4.30
NNE	0	0	0	0	0	6	2	1	0	0	0	0	9	3.33
NE	0	0	0	1	0	5	3	0	0	0	0	0	9	2.81
ENE	0	0	0	0	1	3	0	0	0	0	0	0	4	2.32
E	0	0	0	0	0	3	0	0	0	0	0	0	3	2.55
ESE	0	0	0	1	0	0	3	0	0	0	0	0	4	3.44
SE	0	0	0	0	0	1	5	0	0	0	0	0	6	4.21
SSE	0	0	0	0	1	2	9	1	0	0	0	0	13	3.89
S	0	0	0	1	1	3	5	1	0	0	0	0	11	3.48
SSW	0	0	0	1	0	6	6	0	0	0	0	0	13	3.15
SW	0	0	0	0	1	0	3	0	0	0	0	0	4	3.13
WSW	0	0	0	0	0	1	1	0	0	0	0	0	2	3.00
W	0	0	0	0	0	2	1	0	0	0	0	0	3	3.01
WNW	0	0	0	0	0	4	4	0	0	0	0	0	8	3.31
NW	0	0	0	0	1	5	4	1	0	0	0	0	11	3.26
NNW	0	0	0	0	1	8	4	0	1	0	0	0	14	3.27

TOTAL 0 0 0 4 7 51 60 8 2 0 0 0 0 132

NUMBER OF CALMS 0

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

NUMBER OF VALID HOURS 1508 (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

4/01/82 TO 6/30/82

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	.07	.13	.66	.27	.07	.00	.00	.00	1.19	4.30
NNE	.00	.00	.00	.00	.00	.40	.13	.07	.00	.00	.00	.00	.60	3.33
NE	.00	.00	.00	.07	.00	.33	.20	.00	.00	.00	.00	.00	.60	2.81
ENE	.00	.00	.00	.00	.07	.20	.00	.00	.00	.00	.00	.00	.27	2.32
E	.00	.00	.00	.00	.00	.20	.00	.00	.00	.00	.00	.00	.20	2.55
ESE	.00	.00	.00	.07	.00	.00	.20	.00	.00	.00	.00	.00	.27	3.44
SE	.00	.00	.00	.00	.00	.07	.33	.00	.00	.00	.00	.00	.40	4.21
SSE	.00	.00	.00	.00	.07	.13	.60	.07	.00	.00	.00	.00	.86	3.89
S	.00	.00	.00	.07	.07	.20	.33	.07	.00	.00	.00	.00	.73	3.48
SSW	.00	.00	.00	.07	.00	.40	.40	.00	.00	.00	.00	.00	.86	3.15
SW	.00	.00	.00	.00	.07	.00	.20	.00	.00	.00	.00	.00	.27	3.13
WSW	.00	.00	.00	.00	.00	.07	.07	.00	.00	.00	.00	.00	.13	3.00
W	.00	.00	.00	.00	.00	.13	.07	.00	.00	.00	.00	.00	.20	3.01
WNW	.00	.00	.00	.00	.00	.27	.27	.00	.00	.00	.00	.00	.53	3.31
NW	.00	.00	.00	.00	.07	.33	.27	.07	.00	.00	.00	.00	.73	3.26
NNW	.00	.00	.00	.00	.07	.53	.27	.00	.07	.00	.00	.00	.93	3.27
TOTAL	.00	.00	.00	.27	.46	3.38	3.98	.53	.13	.00	.00	.00	8.75	

NUMBER OF CALMS 0

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

NUMBER OF VALID HOURS 1508 (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

4/01/82 TO 6/30/82

## 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	2	2	2	2	0	0	0	0	8	3.72
NNE	0	0	0	0	0	3	1	0	0	0	0	0	4	2.75
NE	0	0	0	0	3	10	4	0	0	0	0	0	17	2.74
ENE	0	0	0	0	1	5	1	0	0	0	0	0	7	2.59
E	0	0	0	0	2	2	1	0	0	0	0	0	5	2.39
ESE	0	0	0	0	0	2	5	0	0	0	0	0	7	3.53
SE	0	0	0	0	0	0	12	0	0	0	0	0	12	3.75
SSE	0	0	0	0	3	2	11	1	0	0	0	0	17	3.46
S	0	0	0	0	0	3	3	1	0	0	0	0	7	3.70
SSW	0	0	0	0	3	1	9	0	0	0	0	0	13	3.36
SW	0	0	0	0	2	4	3	0	0	0	0	0	9	2.85
WSW	0	0	0	0	1	3	0	0	0	0	0	0	4	2.47
W	0	0	0	0	0	2	1	0	0	0	0	0	3	2.94
WNW	0	0	0	0	0	1	2	2	0	0	0	0	5	4.12
NW	0	0	0	0	0	1	9	1	0	0	0	0	11	4.27
NNW	0	0	0	0	3	3	13	1	0	0	0	0	20	3.82
TOTAL	0	0	0	0	20	44	77	8	0	0	0	0	149	

NUMBER OF CALMS 0

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

NUMBER OF VALID HOURS 1508 (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

4/01/82 TO 6/30/82

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	>19.0	FOU TOTAL	MEAN SPEED
N	.00	.00	.00	.00	.13	.13	.13	.13	.00	.00	.00	.00	.53	3.72
NNE	.00	.00	.00	.00	.00	.20	.07	.00	.00	.00	.00	.00	.27	2.75
NE	.00	.00	.00	.00	.20	.66	.27	.00	.00	.00	.00	.00	1.13	2.74
ENE	.00	.00	.00	.00	.07	.33	.07	.00	.00	.00	.00	.00	.46	2.59
E	.00	.00	.00	.00	.13	.13	.07	.00	.00	.00	.00	.00	.33	2.39
ESE	.00	.00	.00	.00	.00	.13	.33	.00	.00	.00	.00	.00	.46	3.53
SE	.00	.00	.00	.00	.00	.00	.80	.00	.00	.00	.00	.00	.80	3.75
SSE	.00	.00	.00	.00	.20	.13	.73	.07	.00	.00	.00	.00	1.13	3.46
S	.00	.00	.00	.00	.00	.20	.20	.07	.00	.00	.00	.00	.46	3.70
SSH	.00	.00	.00	.00	.20	.07	.60	.00	.00	.00	.00	.00	.86	3.36
SW	.00	.00	.00	.00	.13	.27	.20	.00	.00	.00	.00	.00	.60	2.85
WSW	.00	.00	.00	.00	.07	.20	.00	.00	.00	.00	.00	.00	.27	2.47
W	.00	.00	.00	.00	.00	.13	.07	.00	.00	.00	.00	.00	.20	2.94
WNW	.00	.00	.00	.00	.00	.07	.13	.13	.00	.00	.00	.00	.33	4.12
NW	.00	.00	.00	.00	.00	.07	.60	.07	.00	.00	.00	.00	.73	4.27
NNW	.00	.00	.00	.00	.20	.20	.86	.07	.00	.00	.00	.00	1.33	3.82
TOTAL	.00	.00	.00	.00	1.33	2.92	5.11	.53	.00	.00	.00	.00	9.88	

0

NUMBER OF CALMS

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

NUMBER OF VALID HOURS 1508 (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

REVISION 0

WIND FREQUENCY DISTRIBUTION

FREQUENCY IN NUMBER OF OCCURRENCES

4/01/82 TO 6/30/82

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	3	6	3	11	0	0	0	0	0	25	2.71
NNE	0	0	3	11	5	1	1	0	0	0	0	0	21	1.63
NE	0	0	3	12	8	0	0	0	0	0	0	0	23	1.46
ENE	0	0	1	4	0	2	1	0	0	0	0	0	8	1.86
E	0	0	2	7	4	2	1	0	0	0	0	0	16	1.66
ESE	0	0	3	4	7	9	6	0	0	0	0	0	29	2.26
SE	0	0	1	8	11	19	2	0	0	0	0	0	41	2.13
SSE	0	0	0	9	5	25	1	0	0	0	0	0	40	2.14
S	0	0	0	3	3	15	3	0	0	0	0	0	24	2.51
SSW	0	0	0	4	17	29	16	0	0	0	0	0	66	2.47
SW	0	0	0	4	10	21	6	0	0	0	0	0	41	2.42
WSW	0	0	1	3	2	3	5	0	0	0	0	0	14	2.47
W	0	0	1	2	1	3	1	0	0	0	0	0	8	2.08
WNW	0	0	1	1	5	6	5	0	0	0	0	0	18	2.39
NW	0	0	1	1	3	14	15	0	0	0	0	0	34	2.89
NNW	0	0	0	2	7	12	5	0	0	0	0	0	26	2.46
TOTAL	0	0	19	78	94	164	79	0	0	0	0	0	434	

NUMBER OF CALMS 0

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

NUMBER OF VALID HOURS 1508 (TOTAL NUMBER OF POSSIBLE OBSERVATIONS WITH VALID SPEED, DIRECTION, AND STABILITY)

REVISION 0

WIND FREQUENCY DISTRIBUTION  
FREQUENCY IN PERCENT OF TOTAL  
4/01/82 TO 6/30/82  
WIND SPEED (M/S)

[illegible]

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

REVISION 0

WIND FREQUENCY DISTRIBUTION

FREQUENCY IN NUMBER OF OCCURRENCES

4/01/82 TO 6/30/82

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	5	8	4	0	4	0	0	0	0	0	22	1.88
NNE	0	0	2	5	4	0	0	0	0	0	0	0	11	1.40
NE	0	1	1	12	3	1	0	0	0	0	0	0	18	1.39
ENE	0	2	4	6	6	0	0	0	0	0	0	0	18	1.30
E	0	0	2	2	2	0	0	0	0	0	0	0	6	1.38
ESE	0	0	2	5	1	1	0	0	0	0	0	0	9	1.44
SE	0	1	2	5	9	6	0	0	0	0	0	0	23	1.73
SSE	0	0	0	9	6	11	0	0	0	0	0	0	26	1.94
S	0	0	1	2	8	17	2	0	0	0	0	0	30	2.20
SSW	0	0	2	6	6	16	2	0	0	0	0	0	32	2.16
SW	0	1	0	9	10	9	0	0	0	0	0	0	29	1.79
WSW	0	0	0	2	8	2	0	0	0	0	0	0	12	1.91
W	0	0	1	1	6	3	0	0	0	0	0	0	11	1.76
WNW	0	0	1	3	9	7	0	0	0	0	0	0	20	1.90
NW	0	0	0	1	2	11	0	0	0	0	0	0	14	2.29
NNW	0	0	0	5	2	8	0	0	0	0	0	0	15	1.94
TOTAL	0	6	23	81	86	92	8	0	0	0	0	0	296	

NUMBER OF CALMS 0

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

NUMBER OF VALID HOURS 1508 (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 PERCENT OF TOTAL

4/01/82 TO 6/30/82

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	.07	.33	.53	.27	.00	.27	.00	.00	.00	.00	.00	1.46	1.88
NNE	.00	.00	.13	.33	.27	.00	.00	.00	.00	.00	.00	.00	.73	1.40
NE	.00	.07	.07	.80	.20	.07	.00	.00	.00	.00	.00	.00	1.19	1.39
ENE	.00	.13	.27	.40	.40	.00	.00	.00	.00	.00	.00	.00	1.19	1.30
E	.00	.00	.13	.13	.13	.00	.00	.00	.00	.00	.00	.00	.40	1.38
ESE	.00	.00	.13	.33	.07	.07	.00	.00	.00	.00	.00	.00	.60	1.44
SE	.00	.07	.13	.33	.60	.40	.00	.00	.00	.00	.00	.00	1.53	1.73
SSE	.00	.00	.00	.60	.40	.73	.00	.00	.00	.00	.00	.00	1.72	1.94
S	.00	.00	.07	.13	.53	1.13	.13	.00	.00	.00	.00	.00	1.99	2.20
SSW	.00	.00	.13	.40	.40	1.06	.13	.00	.00	.00	.00	.00	2.12	2.16
SW	.00	.07	.00	.60	.66	.60	.00	.00	.00	.00	.00	.00	1.92	1.79
WSW	.00	.00	.00	.13	.53	.13	.00	.00	.00	.00	.00	.00	.80	1.91
W	.00	.00	.07	.07	.40	.20	.00	.00	.00	.00	.00	.00	.73	1.76
WNW	.00	.00	.07	.20	.60	.46	.00	.00	.00	.00	.00	.00	1.33	1.90
NW	.00	.00	.00	.07	.13	.73	.00	.00	.00	.00	.00	.00	.93	2.29
NNW	.00	.00	.00	.33	.13	.53	.00	.00	.00	.00	.00	.00	.99	1.94

TOTAL .00 .40 1.53 5.37 5.70 6.10 .53 .00 .00 .00 .00 .00 19.63

NUMBER OF CALMS 0

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

NUMBER OF VALID HOURS 1508 (TOTAL NUMBER OF POSSIBLE OBSERVATIONS WITH VALID SPEED, DIRECTION, AND STABILITY)



REVISION 0

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 NUM'ER OF OCCURRENCES

4/01/82 TO 6/30/82

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	1	1	0	0	0	0	0	0	0	0	2	1.05
NNE	0	0	2	0	0	0	0	0	0	0	0	0	2	1.01
NE	0	0	0	0	0	0	0	0	0	0	0	0	0	.00
ENE	0	0	1	1	0	0	0	0	0	0	0	0	2	1.12
E	0	1	0	0	0	0	0	0	0	0	0	0	1	.63
ESE	0	0	0	0	1	1	0	0	0	0	0	0	2	1.99
SE	0	1	0	2	2	0	0	0	0	0	0	0	5	1.46
SSE	0	0	1	2	3	5	0	0	0	0	0	0	11	1.99
S	0	0	0	3	6	11	0	0	0	0	0	0	20	2.07
SSW	0	0	2	2	8	17	2	0	0	0	0	0	31	2.25
SW	0	1	1	6	13	5	0	0	0	0	0	0	26	1.76
WSW	1	0	2	1	4	2	0	0	0	0	0	0	10	1.61
W	0	0	1	1	1	1	0	0	0	0	0	0	4	1.59
WNW	0	0	0	3	1	2	0	0	0	0	0	0	6	1.80
NW	0	0	0	0	1	2	0	0	0	0	0	0	3	2.06
NNW	0	0	0	2	2	0	0	0	0	0	0	0	4	1.70

TOTAL 1 3 11 24 42 46 2 0 0 0 0 0 129

NUMBER OF CALYS 0

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

NUMBER OF VALID HOURS 1506 (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

4/01/82 TO 6/30/82

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	REL TOTAL	MEAN SPEED
N	.00	.00	.07	.07	.00	.00	.00	.00	.00	.00	.00	.00	.13	1.05
NNE	.00	.00	.13	.00	.00	.00	.00	.00	.00	.00	.00	.00	.13	1.01
NE	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ENE	.00	.00	.07	.07	.00	.00	.00	.00	.00	.00	.00	.00	.13	1.12
E	.00	.07	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.07	.63
ESE	.00	.00	.00	.00	.07	.07	.00	.00	.00	.00	.00	.00	.13	1.99
SE	.00	.07	.00	.13	.13	.00	.00	.00	.00	.00	.00	.00	.33	1.46
SSE	.00	.00	.07	.13	.20	.33	.00	.00	.00	.00	.00	.00	.73	1.99
S	.00	.00	.00	.20	.40	.73	.00	.00	.00	.00	.00	.00	1.33	2.07
SSW	.00	.00	.13	.13	.53	1.13	.13	.00	.00	.00	.00	.00	2.06	2.25
SW	.00	.07	.07	.40	.86	.33	.00	.00	.00	.00	.00	.00	1.72	1.76
WSW	.07	.00	.13	.07	.27	.13	.00	.00	.00	.00	.00	.00	.66	1.61
W	.00	.00	.07	.07	.07	.07	.00	.00	.00	.00	.00	.00	.27	1.59
WNW	.00	.00	.00	.20	.07	.13	.00	.00	.00	.00	.00	.00	.40	1.80
NW	.00	.00	.00	.00	.07	.13	.00	.00	.00	.00	.00	.00	.20	2.06
NNW	.00	.00	.00	.13	.13	.00	.00	.00	.00	.00	.00	.00	.27	1.70

TOTAL .07 .20 .73 1.59 2.79 3.05 .13 .00 .00 .00 .00 .00 .00 8.55

NUMBER OF CALMS 0

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

NUMBER OF VALID HOURS 1508 (TOTAL NUMBER OF POSSIBLE OBSERVATIONS WITH VALID SPEED, DIRECTION, AND STABILITY)

REVISION 0

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

4/01/82 TO 6/30/82

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	0	0	0	0	0	0	0	0	0	.00
NNE	0	0	0	0	0	0	0	0	0	0	0	0	0	.00
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	1	0	0	0	0	0	0	0	0	1	1.25
ESE	0	0	0	0	0	0	0	0	0	0	0	0	0	.00
SE	1	0	0	2	0	0	0	0	0	0	0	0	3	1.06
SSE	0	0	2	0	0	0	0	0	0	0	0	0	2	.89
S	0	0	0	1	2	5	0	0	0	0	0	0	8	2.06
SSW	0	1	0	2	1	2	2	0	0	0	0	0	8	2.02
SW	0	0	1	4	5	1	0	0	0	0	0	0	11	1.69
WSW	0	2	0	2	5	2	0	0	0	0	0	0	11	1.63
W	0	0	0	0	1	0	0	0	0	0	0	0	1	1.74
WNW	0	1	0	2	4	0	0	0	0	0	0	0	7	1.44
NW	0	0	0	0	3	1	0	0	0	0	0	0	4	1.89
NNW	0	0	0	0	1	0	0	0	0	0	0	0	1	1.74
TOTAL	1	4	3	14	22	11	2	0	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 1508 (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

REVISION 0

## WIND FREQUENCY DISTRIBUTION

## FREQUENCY IN PERCENT OF TOTAL

4/01/82 TO 6/30/82

## 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	.00	.00	.00	.00	.00	.00	.00	.00	.00
NNE	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
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	.07	.00	.00	.00	.00	.00	.00	.00	.00	.07	1.25
ESE	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
SE	.07	.00	.00	.13	.00	.00	.00	.00	.00	.00	.00	.00	.20	1.06
SSE	.00	.00	.13	.00	.00	.00	.00	.00	.00	.00	.00	.00	.13	.59
S	.00	.00	.00	.07	.13	.33	.00	.00	.00	.00	.00	.00	.53	2.06
SSW	.00	.07	.00	.13	.07	.13	.13	.00	.00	.00	.00	.00	.53	2.02
SW	.00	.00	.07	.27	.33	.07	.00	.00	.00	.00	.00	.00	.73	1.69
WSW	.00	.13	.00	.13	.33	.13	.00	.00	.00	.00	.00	.00	.73	1.63
W	.00	.00	.00	.00	.07	.00	.00	.00	.00	.00	.00	.00	.07	1.74
WNW	.00	.07	.00	.13	.27	.00	.00	.00	.00	.00	.00	.00	.46	1.44
NW	.00	.00	.00	.00	.20	.07	.00	.00	.00	.00	.00	.00	.27	1.89
NNW	.00	.00	.00	.00	.07	.00	.00	.00	.00	.00	.00	.00	.07	1.74

TOTAL .07 .27 .20 .93 1.46 .73 .13 .00 .00 .00 .00 .00 .00 3.78

NUMBER OF CALMS 0

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

NUMBER OF VALID HOURS 1508 (TOTAL NUMBER OF POSSIBLE OBSERVATIONS WITH VALID SPEED, DIRECTION, AND STABILITY)