

IV. JOINT FREQUENCY DISTRIBUTION WIND DIRECTION VS. WIND SPEED
BY STABILITY CLASS AND METEOROLOGY DATA PER BATCH RELEASE

- A. Joint frequency distribution wind direction vs. wind speed by stability class (A-G) table: will have a reduction in the number of valid observations for the first quarter and will be zero (0) for the second quarter. No stability class can be derived without a valid delta-temperature value.

Due to calibration problems on the delta-temperature (100 meter separation) electrical circuits, no valid delta-temperatures were available for the period between March 14, 1978, and June 30, 1978.

- B. Meteorology data per batch tables will have -99 values signifying either invalid data or no data available.
- C. By virtue of the large number of invalid delta-temperature measurements for the period between March 14, 1978, and June 30, 1978, the following questions were considered and investigated.

- (1) Were any release Technical Specifications violated by the waste gas effluent releases made during the period in question? (Reference Section I)

All waste gas effluent releases performed during the period from March 14, 1978, through June 30, 1978, had maximum recommended release rates more conservative than would be allowed by the Technical Specification 2.9(2) annual average X/Q value. Therefore, based on the annual average X/Q no violations of release rate of unrestricted boundary isotopic concentrations (10 CFR Part 20) were realized.

7810 27 0193

PDR ADOCK 050-285 R 781003

- (2) How does the large number of invalid delta-temperatures affect the potential dose calculations in Section VII?

The X/Q was calculated using the straight-line annual average equation as defined in Regulatory Guide 1.111. The present calculated potential doses from these X/Q calculations show no significant changes when compared to past semi-annual reports.

- r. The problem which caused the numerous invalid delta-temperature measurements and corrective action to prevent reoccurrence will be addressed in Fort Calhoun Station Licensee Event Report No. 78-028.

TABLE 150 - A

DATA PERIOD 01/01/1978 THROUGH 03/31/1978 RUN FROM TAPE SERIES TRI-EX

OMAHA PUBLIC POWER DISTRICT
FORT CALHOUN NUCLEAR STATION

JOINT FREQUENCY DISTRIBUTION WIND DIRECTION VS. WIND SPEED IN METERS/SEC FOR

DT100 = -2.0 TO -INF IN FREQUENCY DATA USED -- WD10 , WS10 , DT100

SECTOR IS WIND DIRECTION NOT AFFECTED DIRECTION

SECTOR	DT100 = -2.0 TO -INF IN FREQUENCY										DATA USED -- WD10 , WS10 , DT100										TOTAL	UBAR		
	0.0 TO 0.4	0.5 TO 0.9	1.0 TO 1.4	1.5 TO 1.9	2.0 TO 2.4	2.5 TO 2.9	3.0 TO 3.4	3.5 TO 3.9	4.0 TO 4.4	4.5 TO 4.9	5.0 TO 5.9	6.0 TO 6.9	7.0 TO 7.9	8.0 TO 8.9	9.0 TO INF									
NNE	0.	0.	0.	0.	2.	2.	2.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	6.	2.7		
NE	0.	0.	0.	0.	0.	1.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.	2.4		
ENE	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.0		
E	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.0		
ESE	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.0		
SE	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.0		
SSE	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.0		
S	0.	0.	0.	1.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.	1.6		
SSW	0.	0.	0.	0.	0.	0.	1.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.	3.2		
SW	0.	0.	0.	0.	0.	0.	3.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.	2.9		
WSW	0.	1.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.0		
W	0.	0.	0.	0.	0.	1.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	2.	1.8		
WNW	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.	3.1		
NW	0.	0.	0.	0.	0.	0.	0.	1.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.	3.4		
NNW	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	2.	1.	2.	2.	0.	0.	0.	0.	0.	0.	7.	7.1		
N	0.	0.	0.	0.	0.	0.	2.	1.	0.	1.	2.	5.	1.	0.	0.	0.	0.	0.	0.	0.	10.	5.8		
TOTAL	0.	1.	0.	1.	4.	7.	9.	2.	0.	1.	4.	6.	3.	2.	0.	0.	0.	0.	0.	0.	40.	4.2		

NUMBER OF INVALID OBSERVATIONS= 0.

PERCENT OF VALID OBSERVATIONS= 2.4

TABLE 150 - B

DATA PERIOD 01/01/1978 THROUGH 03/31/1978 RUN FROM TAPE SERIES TRI-EX

OMAHA PUBLIC POWER DISTRICT
FORT CALHOUN NUCLEAR STATION

JOINT FREQUENCY DISTRIBUTION WIND DIRECTION VS. WIND SPEED IN METERS/SEC FOR

DT100 = -1.7 TO -1.9 IN FREQUENCY DATA USED -- WD10 ,WS10 ,DT100

SECTOR IS WIND DIRECTION NOT AFFECTED DIRECTION

SECTOR	0.0		0.5		1.0		1.5		2.0		2.5		3.0		3.5		4.0		4.5		5.0		6.0		7.0		8.0		9.0		TOTAL	UBAR
	TO	0.4	TO	0.9	TO	1.4	TO	1.9	TO	2.4	TO	2.9	TO	3.4	TO	3.9	TO	4.4	TO	4.9	TO	5.9	TO	6.9	TO	7.9	TO	8.9	TO	INF		
NNE	0.	0.	0.	0.	1.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.	1.0
N	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.0
ENE	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.0
E	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.0
ESE	0.	0.	0.	0.	1.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.	1.1
SE	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.0
SSE	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	2.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	2.	3.6
S	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.	1.	1.	1.	1.	0.	0.	0.	0.	0.	0.	0.	0.	0.	3.	4.5
SSW	0.	0.	0.	0.	0.	0.	0.	0.	1.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.	2.1
SW	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.0
WSW	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.0
W	0.	0.	0.	0.	0.	0.	1.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.	1.9
WNW	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.0
NW	0.	0.	0.	0.	1.	1.	1.	1.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.	0.	0.	0.	1.	0.	0.	0.	0.	0.	0.	3.	3.1
NNW	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.	4.6
N	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.0
TOTAL	0.	0.	0.	0.	3.	2.	2.	1.	1.	1.	0.	0.	0.	0.	2.	2.	1.	1.	2.	2.	1.	1.	1.	0.	0.	0.	0.	0.	0.	0.	13.	3.1

NUMBER OF INVALID OBSERVATIONS= 0.

PERCENT OF VALID OBSERVATIONS= 0.8

TABLE 150 - C

DATA PERIOD 01/01/1978 THROUGH 03/31/1978 RUN FROM TAPE SERIES TRI-EX

OMAHA PUBLIC POWER DISTRICT
FORT CALHOUN NUCLEAR STATION

JOINT FREQUENCY DISTRIBUTION WIND DIRECTION VS. WIND SPEED IN METERS/SEC FOR

DT100 = -1.5 TO -1.6 IN FREQUENCY DATA USED -- WD10 ,WS10 ,DT100

SECTOR 15 WIND DIRECTION NOT AFFECTED DIRECTION

SECTOR	DT100 = -1.5 TO -1.6 IN FREQUENCY										DATA USED -- WD10 ,WS10 ,DT100										TOTAL	UBAR
	0.0 TO 0.4	0.5 TO 0.9	1.0 TO 1.4	1.5 TO 1.9	2.0 TO 2.4	2.5 TO 2.9	3.0 TO 3.4	3.5 TO 3.9	4.0 TO 4.4	4.5 TO 4.9	5.0 TO 5.9	6.0 TO 6.9	7.0 TO 7.9	8.0 TO 8.9	9.0 TO INF							
NNE	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.0
NE	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.0
ENE	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.0
E	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.0
ESE	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.0
SE	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.0
SSE	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.0
S	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.0
SSW	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.0
SW	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.0
WSW	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.0
W	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.0
WNW	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.0
NW	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.0
NNW	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.0
N	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.0
TOTAL	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.0

NUMBER OF INVALID OBSERVATIONS= 0.

PERCENT OF VALID OBSERVATIONS= 0.5

TABLE 150 - D

DATA PERIOD 01/01/1978 THROUGH 03/31/1978 RLN FROM TAPE SERIES TRI-EX

OMAHA PUBLIC POWER DISTRICT
FORT CALHOUN NUCLEAR STATION

JOINT FREQUENCY DISTRIBUTION WIND DIRECTION VS. WIND SPEED IN METERS/SEC FOR

DT100 = -0.5 TO -1.4 IN FREQUENCY

DATA USED -- WD10 ,WS10 ,DT100

SECTOR IS WIND DIRECTION NOT AFFECTED DIRECTION

SECTOR	0.0 TO 0.4	0.5 TO 0.9	1.0 TO 1.4	1.5 TO 1.9	2.0 TO 2.4	2.5 TO 2.9	3.0 TO 3.4	3.5 TO 3.9	4.0 TO 4.4	4.5 TO 4.9	5.0 TO 5.9	6.0 TO 6.9	7.0 TO 7.9	8.0 TO 8.9	9.0 TO INF	TOTAL	UBAR
NNE	0.	2.	3.	6.	4.	3.	4.	0.	0.	0.	0.	0.	0.	0.	0.	22.	2.0
NE	0.	0.	2.	2.	6.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	11.	1.8
ENE	0.	1.	2.	1.	1.	1.	0.	3.	1.	0.	0.	0.	0.	0.	0.	10.	2.5
E	0.	0.	0.	1.	3.	7.	8.	10.	6.	1.	0.	0.	0.	0.	0.	26.	3.3
ESE	0.	0.	1.	4.	0.	1.	8.	8.	9.	11.	10.	0.	0.	0.	0.	52.	4.0
SE	0.	0.	1.	7.	6.	6.	7.	3.	4.	4.	4.	0.	0.	0.	0.	42.	3.1
SSE	0.	0.	3.	5.	3.	6.	8.	9.	2.	1.	1.	0.	0.	0.	0.	38.	2.9
S	0.	1.	1.	4.	4.	12.	8.	7.	7.	4.	3.	2.	0.	0.	0.	53.	3.3
SSW	0.	0.	0.	2.	6.	4.	2.	1.	4.	0.	0.	1.	0.	1.	0.	21.	3.2
SW	0.	0.	1.	1.	0.	2.	3.	0.	0.	0.	0.	0.	0.	0.	0.	7.	2.6
WSW	0.	1.	2.	1.	0.	3.	0.	1.	1.	0.	0.	0.	0.	0.	0.	7.	2.6
W	0.	0.	2.	2.	4.	0.	2.	0.	0.	0.	0.	0.	0.	0.	0.	10.	2.1
WNW	0.	0.	1.	1.	2.	3.	3.	2.	1.	1.	1.	0.	0.	0.	0.	15.	3.0
NW	2.	1.	4.	5.	3.	23.	10.	13.	21.	18.	28.	15.	10.	7.	25.	183.	5.3
NNW	0.	2.	2.	6.	5.	12.	12.	17.	20.	15.	28.	22.	16.	9.	10.	176.	5.1
N	0.	2.	3.	11.	13.	12.	8.	11.	5.	3.	1.	0.	0.	0.	0.	69.	2.7
TOTAL	0.	10.	27.	59.	60.	95.	83.	85.	81.	58.	76.	40.	26.	17.	35.	752.	4.1

NUMBER OF INVALID OBSERVATIONS= 1.

PERCENT OF VALID OBSERVATIONS= 44.4

TABLE 150 - E

DATA PERIOD 01/01/1978 THROUGH 03/31/1978 RUN FROM TAPE SERIES TRI-EX

OMAHA PUBLIC POWER DISTRICT
FORT CALHOUN NUCLEAR STATION

JOINT FREQUENCY DISTRIBUTION WIND DIRECTION VS. WIND SPEED IN METERS/SEC FOR

DT100 = -0.4 TO +1.5 IN FREQUENCY

DATA USED -- WD10 ,WS10 ,DT100

SECTOR IS WIND DIRECTION NOT AFFECTED DIRECTION

SECTOR	0.0 TO 0.4	0.5 TO 0.9	1.0 TO 1.4	1.5 TO 1.9	2.0 TO 2.4	2.5 TO 2.9	3.0 TO 3.4	3.5 TO 3.9	4.0 TO 4.4	4.5 TO 4.9	5.0 TO 5.9	6.0 TO 6.9	7.0 TO 7.9	8.0 TO 8.9	9.0 TO INF	TOTAL	UBAR
NNE	0.	5.	4.	2.	1.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	12.	1.1
NE	0.	1.	0.	3.	1.	0.	0.	2.	0.	0.	0.	0.	0.	0.	0.	7.	2.2
ENE	0.	1.	2.	1.	3.	1.	0.	2.	0.	0.	0.	0.	0.	0.	0.	10.	2.1
E	0.	1.	2.	2.	8.	1.	2.	0.	0.	0.	0.	0.	0.	0.	0.	16.	1.9
ESE	0.	1.	6.	8.	6.	5.	3.	0.	1.	0.	0.	0.	0.	0.	0.	30.	2.1
SE	0.	1.	7.	17.	18.	17.	11.	12.	2.	7.	10.	4.	0.	0.	0.	106.	3.0
SSE	0.	3.	1.	8.	2.	6.	8.	4.	0.	2.	4.	1.	0.	0.	0.	39.	2.9
S	0.	0.	1.	2.	4.	1.	8.	6.	8.	11.	4.	10.	1.	1.	0.	57.	4.4
SSW	1.	3.	1.	1.	2.	0.	1.	1.	3.	1.	2.	2.	0.	3.	0.	21.	4.0
SW	0.	1.	1.	1.	0.	4.	1.	1.	0.	0.	0.	0.	0.	0.	0.	9.	2.3
WSW	0.	5.	0.	3.	1.	0.	1.	0.	0.	0.	2.	0.	0.	0.	0.	12.	2.1
W	0.	3.	6.	4.	0.	3.	4.	0.	0.	2.	2.	2.	1.	0.	0.	27.	2.8
WNH	1.	11.	17.	27.	12.	4.	2.	1.	2.	0.	1.	0.	0.	0.	0.	78.	1.7
NW	1.	5.	3.	12.	23.	26.	25.	21.	10.	8.	7.	7.	13.	5.	0.	165.	3.6
NNW	0.	4.	3.	4.	3.	3.	6.	13.	13.	4.	15.	4.	3.	0.	3.	78.	4.2
N	0.	2.	3.	0.	5.	3.	3.	4.	0.	0.	0.	0.	0.	0.	0.	20.	2.4
TOTAL	2.	47.	57.	95.	89.	74.	75.	67.	39.	35.	47.	30.	18.	9.	3.	687.	3.1

NUMBER OF INVALID OBSERVATIONS= 4.

PERCENT OF VALID OBSERVATIONS= 40.6

TABLE 150 - F

DATA PERIOD 01/01/1978 THROUGH 03/31/1978 RUN FROM TAPE SERIES TRI-EX

OHAWA PUBLIC POWER DISTRICT
FORT CALHOUN NUCLEAR STATION

JOINT FREQUENCY DISTRIBUTION WIND DIRECTION VS. WIND SPEED IN METERS/SEC FOR

DT100 = +1.6 TO +4.0 IN FREQUENCY DATA USED -- WD10 ,WS10 ,DT10C

SECTOR IS WIND DIRECTION NOT AFFECTED DIRECTION

SECTOR	0.0 TO 0.4		0.5 TO 0.9		1.0 TO 1.4		1.5 TO 1.9		2.0 TO 2.4		2.5 TO 2.9		3.0 TO 3.4		3.5 TO 3.9		4.0 TO 4.4		4.5 TO 4.9		5.0 TO 5.9		6.0 TO 6.9		7.0 TO 7.9		8.0 TO 8.9		9.0 TO 10.0		TOTAL	UBAR
	0.0	0.4	0.5	0.9	1.0	1.4	1.5	1.9	2.0	2.4	2.5	2.9	3.0	3.4	3.5	3.9	4.0	4.4	4.5	4.9	5.0	5.9	6.0	6.9	7.0	7.9	8.0	8.9	9.0	10.0		
NNE	0.	0.	1.	1.	0.	0.	0.	0.	2.	0.	1.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.	1.9
NE	0.	0.	1.	1.	0.	0.	0.	0.	3.	0.	2.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	6.	2.0
ENE	0.	0.	1.	1.	0.	0.	1.	1.	1.	1.	0.	0.	0.	0.	1.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.	2.0
E	0.	0.	4.	4.	0.	0.	1.	2.	2.	2.	1.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	8.	1.5
ESE	0.	0.	0.	1.	1.	1.	2.	2.	1.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.	1.7
SE	0.	0.	1.	1.	3.	3.	2.	2.	0.	0.	0.	0.	1.	1.	1.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	8.	1.8
SSE	1.	1.	2.	2.	4.	4.	1.	1.	0.	0.	1.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	9.	2.2
S	0.	0.	2.	2.	0.	0.	1.	1.	0.	0.	0.	0.	0.	0.	1.	1.	0.	0.	1.	1.	1.	1.	0.	0.	0.	0.	0.	0.	0.	0.	6.	2.7
SSW	1.	1.	3.	3.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.	1.	0.	0.	0.	0.	0.	0.	0.	0.	1.	1.	1.	1.	1.	1.	6.	3.8
SW	0.	0.	1.	1.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	3.	3.	0.	0.	0.	0.	0.	0.	4.	4.7
WSW	0.	0.	2.	2.	0.	0.	0.	0.	1.	1.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	3.	2.	2.	1.	1.	0.	0.	0.	0.	0.	11.	3.8
W	0.	0.	4.	4.	3.	3.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.	1.	1.	1.	1.	0.	8.	1.7
WNW	0.	0.	8.	8.	10.	10.	16.	16.	6.	6.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	41.	1.5
NW	1.	1.	4.	4.	6.	6.	5.	3.	3.	0.	5.	0.	2.	2.	2.	2.	0.	0.	0.	0.	0.	0.	0.	0.	1.	1.	0.	0.	0.	0.	28.	1.8
NNW	0.	0.	3.	3.	0.	0.	1.	1.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.	0.9
N	0.	0.	1.	1.	0.	0.	1.	1.	0.	0.	1.	1.	1.	1.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.	2.0
TOTAL	3.	3.	38.	38.	29.	29.	31.	31.	15.	15.	11.	11.	4.	4.	6.	6.	0.	0.	1.	1.	4.	4.	5.	5.	4.	4.	1.	1.	1.	1.	157.	2.0

NUMBER OF INVALID OBSERVATIONS= 8.

PERCENT OF VALID OBSERVATIONS= 5.3

TABLE 150 - G

DATA PERIOD 01/01/1978 THROUGH 03/31/1978 RUN FROM TAPE SERIES TRI-EX

OMAHA PUBLIC POWER DISTRICT
FORT CALHOUN NUCLEAR STATION

JOINT FREQUENCY DISTRIBUTION WIND DIRECTION VS. WIND SPEED IN METERS/SEC FOR

DIR10C = 4.1 TO +INF IN FREQUENCY DATA USED -- WD10 ,WS10 ,DIR100

SECTOR IS WIND DIRECTION NOT AFFECTED DIRECTION

SECTOR	0.0 TO 0.4	0.5 TO 0.9	1.0 TO 1.4	1.5 TO 1.9	2.0 TO 2.4	2.5 TO 2.9	3.0 TO 3.4	3.5 TO 3.9	4.0 TO 4.4	4.5 TO 4.9	5.0 TO 5.9	6.0 TO 6.9	7.0 TO 7.9	8.0 TO 8.9	9.0 TO INF	TOTAL	UBAR
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NNE

NE

ENE

E

ESE

SE

SSE

S

SSW

SW

WSW

W

WNW

NW

NNW

N

TOTAL

NUMBER OF INVALID OBSERVATIONS= 15.

PERCENT OF VALID OBSERVATIONS= 2.0

TABLE 150 - ALL

DATA PERIOD 01/01/1978 THROUGH 03/31/1978 RUN FROM TAPE SERIES TRI-EX

OMAHA PUBLIC POWER DISTRICT
FORT CALHOUN NUCLEAR STATION

JOINT FREQUENCY DISTRIBUTION WIND DIRECTION VS. WIND SPEED IN METERS/SEC FOR

DT100 = -INF TO +INF IN FREQUENCY

DATA USED -- WD10 ,WS10 ,DT100

SECTOR IS WIND DIRECTION NOT AFFECTED DIRECTION

SECTOR	0.0 TO 0.4	0.5 TO 0.9	1.0 TO 1.4	1.5 TO 1.9	2.0 TO 2.4	2.5 TO 2.9	3.0 TO 3.4	3.5 TO 3.9	4.0 TO 4.4	4.5 TO 4.9	5.0 TO 5.9	6.0 TO 6.9	7.0 TO 7.9	8.0 TO 8.9	9.0 TO INF	TOTAL	UBAR
NNE	0.	11.	12.	11.	12.	10.	10.	0.	0.	0.	0.	0.	0.	0.	0.	66.	1.9
NE	1.	2.	5.	9.	13.	5.	13.	3.	0.	0.	0.	0.	0.	0.	0.	51.	2.3
ENE	0.	4.	5.	3.	5.	2.	0.	6.	1.	0.	0.	0.	0.	0.	0.	26.	2.2
E	0.	11.	3.	4.	13.	9.	10.	10.	6.	1.	0.	0.	0.	0.	0.	67.	2.5
ESE	0.	2.	9.	14.	8.	6.	11.	8.	10.	11.	10.	0.	0.	0.	0.	89.	3.2
SE	2.	7.	16.	31.	32.	27.	25.	20.	9.	11.	14.	4.	0.	0.	0.	198.	2.8
SSE	1.	8.	11.	16.	5.	13.	18.	16.	3.	5.	12.	3.	0.	0.	0.	111.	2.9
S	1.	7.	4.	7.	8.	15.	18.	19.	17.	18.	11.	17.	3.	1.	0.	146.	3.8
SSW	2.	7.	4.	3.	15.	6.	6.	3.	7.	4.	7.	4.	8.	10.	5.	91.	4.4
SW	2.	3.	2.	3.	2.	6.	4.	1.	0.	0.	1.	3.	0.	0.	0.	27.	2.6
WSW	0.	12.	4.	6.	3.	5.	2.	1.	1.	1.	5.	2.	1.	0.	0.	43.	2.5
W	0.	12.	13.	8.	5.	3.	8.	2.	0.	2.	2.	2.	2.	0.	0.	59.	2.3
WNW	4.	23.	35.	52.	23.	11.	9.	5.	4.	2.	4.	0.	2.	0.	0.	174.	1.9
NW	1.	17.	18.	24.	33.	58.	41.	39.	32.	30.	44.	27.	26.	17.	27.	434.	4.3
NNW	0.	13.	6.	13.	9.	18.	21.	31.	33.	22.	45.	32.	23.	11.	17.	294.	4.8
N	1.	7.	10.	15.	21.	21.	14.	15.	5.	3.	1.	0.	0.	0.	0.	113.	2.5
TOTAL	15.	146.	157.	219.	207.	215.	210.	179.	128.	110.	156.	94.	65.	39.	49.	1989.	3.4

NUMBER OF INVALID OBSERVATIONS= 171.

PERCENT OF VALID OBSERVATIONS= 92.1

TABLE 151 - A

DATA PERIOD 01/01/1978 THROUGH 03/31/1978 RUN FROM TAPE SERIES TRI-EX

OHAWA PUBLIC POWER DISTRICT
FORT CALHOUN NUCLEAR STATION

JOINT FREQUENCY DISTRIBUTION WIND DIRECTION VS. WIND SPEED IN METERS/SEC FOR

DT100 = -2.0 TO -INF IN PERCENT DATA USED --- WD10 , WS10 , DT100

SECTOR IS WIND DIRECTION NOT AFFECTED DIRECTION

SECTOR	DATA USED --- WD10 , WS10 , DT100																TOTAL	UBAR
	0.0 10	0.5 10	1.0 10	1.5 10	2.0 10	2.5 10	3.0 10	3.5 10	4.0 10	4.5 10	5.0 10	6.0 10	7.0 10	8.0 10	9.0 10	INF		
NNE	0.0	0.0	0.0	0.0	0.12	0.12	0.12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.35	2.7
NE	0.0	0.0	0.0	0.0	0.0	0.06	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.06	2.4
ENE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
E	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ESE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SSE	0.0	0.0	0.0	0.06	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
S	0.0	0.0	0.0	0.0	0.0	0.0	0.06	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.06	1.6
SSW	0.0	0.0	0.0	0.0	0.06	0.0	0.18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.06	3.2
SW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.24	2.5
WSW	0.0	0.06	0.0	0.0	0.0	0.06	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
W	0.0	0.0	0.0	0.0	0.0	0.0	0.06	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.12	1.8
WNW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.06	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.06	3.1
NW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.12	0.06	0.12	0.0	0.0	0.0	0.06	3.4
NNW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.06	0.0	0.06	0.12	0.30	0.06	0.0	0.0	0.0	0.41	7.1
N	0.0	0.0	0.0	0.0	0.06	0.18	0.12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.59	5.8
TOTAL	0.0	0.06	0.0	0.06	0.24	0.41	0.53	0.12	0.0	0.06	0.24	0.35	0.18	0.12	0.0	0.0	2.36	4.2

NUMBER OF INVALID OBSERVATIONS= 0.

PERCENT OF VALID OBSERVATIONS= 2.4

TABLE 151 - B

DATA PERIOD 01/01/1978 THROUGH 03/31/1978 RUN FROM TAPE SERIES TRI-EX

OMAHA PUBLIC POWER DISTRICT
FORT CALHOUN NUCLEAR STATION

JOINT FREQUENCY DISTRIBUTION WIND DIRECTION VS. WIND SPEED IN METERS/SEC FOR

D1100 = -1.7 TO -1.9 IN PERCENT

DATA USED -- WD10 ,WS10 ,CT100

SECTOR IS WIND DIRECTION NOT AFFECTED DIRECTION

SECTOR	0.0 TO 0.4		0.5 TO 0.9		1.0 TO 1.4		1.5 TO 1.9		2.0 TO 2.4		2.5 TO 3.0		3.5 TO 4.0		4.5 TO 5.0		5.0 TO 6.0		6.0 TO 7.0		7.0 TO 8.9		9.0 TO INF		TOTAL	UBAR
	0.0	0.4	0.0	0.4	0.0	0.4	0.0	0.4	0.0	0.4	0.0	0.4	0.0	0.4	0.0	0.4	0.0	0.4	0.0	0.4	0.0	0.4	0.0	0.4		
NIE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.06	1.0
NE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ENE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
E	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ESE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.06	1.1
SE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SSE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
S	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.12	3.6
SSW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.18	4.5
SW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.06	2.1
WSW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
WNW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.06	1.9
NW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NNW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.18	3.1
N	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.06	4.6
TOTAL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.77	3.1

NUMBER OF INVALID OBSERVATIONS= 0.

PERCENT OF VALID OBSERVATIONS= 0.8

TABLE 151 - C

DATA PERIOD 01/01/1978 THROUGH 03/31/1978 RUN FROM TAPE SERIES TRI-EX

OMAHA PUBLIC POWER DISTRICT
FORT CALHOUN NUCLEAR STATION

JOINT FREQUENCY DISTRIBUTION WIND DIRECTION VS. WIND SPEED IN METERS/SEC FOR

DT100 = -1.5 TO -1.6 IN PERCENT DATA USED -- WD10 , WS10 , DT100

SECTOR IS WIND DIRECTION NOT AFFECTED DIRECTION

SECTOR	0.0 TO 0.4		0.5 TO 0.9		1.0 TO 1.4		1.5 TO 1.9		2.0 TO 2.4		2.5 TO 2.9		3.0 TO 3.4		3.5 TO 3.9		4.0 TO 4.4		4.5 TO 4.9		5.0 TO 5.9		6.0 TO 6.9		7.0 TO 7.9		8.0 TO 8.9		9.0 TO INF		TOTAL	UBAR
	0.0	0.4	0.0	0.4	0.0	0.4	0.0	0.4	0.0	0.4	0.0	0.4	0.0	0.4	0.0	0.4	0.0	0.4	0.0	0.4	0.0	0.4	0.0	0.4	0.0	0.4	0.0	0.4	0.0	0.4		
NNE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ENE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
E	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ESE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SSE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
S	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SSW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
WSW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
WNW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NNW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
N	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

NUMBER OF INVALID OBSERVATIONS= 0.

PERCENT OF VALID OBSERVATIONS= 0.5

TABLE 151 - D

DATA PERIOD 01/01/1978 THROUGH 03/31/1978 RLN FROM TAPE SERIES TRI-EX

OMAHA PUBLIC POWER DISTRICT
FORT CALHOUN NUCLEAR STATION

JOINT FREQUENCY DISTRIBUTION WIND DIRECTION VS. WIND SPEED IN METERS/SEC FOR

DT100 = -0.5 TO -1.4 IN PERCENT

DATA USED -- WD10 , WS10 , DT100

SECTOR IS WIND DIRECTION NOT AFFECTED DIRECTION

SECTOR	0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0	6.0	7.0	8.0	9.0	TOTAL	UBAR
	TO 0.4	TO 0.9	TO 1.4	TO 1.9	TO 2.4	TO 2.9	TO 3.4	TO 3.9	TO 4.4	TO 4.9	TO 5.9	TO 6.9	TO 7.9	TO 8.9	TO INF		
NNE	0.0	0.12	0.12	0.35	0.24	0.18	0.24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.30	2.0
NE	0.0	0.0	0.18	0.12	0.35	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.65	1.8
ENE	0.0	0.06	0.12	0.06	0.06	0.06	0.0	0.18	0.06	0.0	0.0	0.0	0.0	0.0	0.0	0.59	2.5
E	0.0	0.0	0.0	0.06	0.18	0.41	0.47	0.59	0.35	0.06	0.0	0.0	0.0	0.0	0.0	2.13	3.3
ESE	0.0	0.0	0.06	0.24	0.0	0.06	0.47	0.47	0.33	0.65	0.59	0.0	0.0	0.0	0.0	3.07	4.0
SE	0.0	0.0	0.06	0.41	0.35	0.35	0.41	0.18	0.24	0.24	0.24	0.0	0.0	0.0	0.0	2.48	3.1
SSE	0.0	0.0	0.18	0.25	0.18	0.35	0.47	0.53	0.12	0.06	0.06	0.0	0.0	0.0	0.0	2.24	2.5
S	0.0	0.06	0.06	0.24	0.24	0.71	0.47	0.41	0.41	0.24	0.18	0.12	0.0	0.0	0.0	3.13	3.3
SSW	0.0	0.0	0.0	0.12	0.35	0.24	0.12	0.06	0.24	0.0	0.0	0.06	0.0	0.06	0.0	1.24	3.2
SW	0.0	0.0	0.06	0.06	0.0	0.12	0.18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.41	2.6
WSW	0.0	0.06	0.0	0.06	0.0	0.18	0.0	0.06	0.06	0.0	0.0	0.0	0.0	0.0	0.0	0.41	2.6
W	0.0	0.0	0.12	0.12	0.24	0.0	0.12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.59	2.1
WNW	0.0	0.0	0.06	0.06	0.12	0.18	0.18	0.12	0.06	0.06	0.06	0.0	0.0	0.0	0.0	0.89	3.0
NW	0.0	0.06	0.24	0.25	0.18	1.36	0.59	0.77	1.24	1.06	1.65	0.89	0.59	0.41	1.48	10.81	5.3
NNW	0.0	0.12	0.12	0.35	0.25	0.71	0.71	1.00	1.18	0.89	1.65	1.30	0.94	0.53	0.59	10.40	5.1
N	0.0	0.12	0.18	0.65	0.77	0.71	0.47	0.65	0.25	0.18	0.06	0.0	0.0	0.0	0.0	4.08	2.7
TOTAL	0.0	0.59	1.59	3.48	3.54	5.61	4.90	5.02	4.78	3.42	4.49	2.36	1.54	1.00	2.07	44.42	4.1

NUMBER OF INVALID OBSERVATIONS= 1.

PERCENT OF VALID OBSERVATIONS= 44.4

TABLE 151 - E

DATA PERIOD 01/01/1978 THROUGH 03/31/1978 RUN FROM TAPE SERIES TRI-EX

OMAHA PUBLIC POWER DISTRICT
FORT CALHOUN NUCLEAR STATION

JOINT FREQUENCY DISTRIBUTION WIND DIRECTION VS. WIND SPEED IN METERS/SEC FOR

DT100 = -0.4 10 +1.5 IN PERCENT DATA USED -- WD10 +WS10 +CT100

SECTOR IS WIND DIRECTION NOT AFFECTED DIRECTION

SECTOR	DT100 = -0.4 10 +1.5 IN PERCENT										DATA USED -- WD10 +WS10 +CT100										TOTAL	UBAR
	0.0 10	0.5 10	1.0 10	1.5 10	2.0 10	2.5 10	3.0 10	3.5 10	4.0 10	4.5 10	5.0 10	6.0 10	7.0 10	8.0 10	9.0 10	10.0 10	11.0 10	12.0 10	13.0 10	14.0 10		
NNE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.71	1.1
NE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.41	2.2
ENE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.59	2.1
E	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.94	1.5
ESE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.77	2.1
SE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.26	3.0
SSE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.30	2.5
S	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.37	4.4
SSW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.24	4.0
SW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.53	2.3
WSW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.71	2.1
W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.59	2.8
WNW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.61	1.7
NW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.75	3.6
NNW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.61	4.2
N	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.18	2.4
TOTAL	0.12	2.78	3.37	5.61	5.26	4.37	4.43	3.96	2.30	2.07	2.77	1.77	1.06	0.53	0.18	0.0	0.0	0.0	0.0	0.0	40.58	3.1

NUMBER OF INVALID OBSERVATIONS= 4.

PERCENT OF VALID OBSERVATIONS= 40.6

TABLE 151 - F

DATA PERIOD 01/01/1978 THROUGH 03/31/1978 RLN FRCP TAPE SERIES TRI-EX

OMAHA PUBLIC POWER DISTRICT
FORT CALHOUN NUCLEAR STATION

JOINT FREQUENCY DISTRIBUTION WIND DIRECTION VS. WIND SPEED IN METERS/SEC FOR

DT100 = +1.6 TO +4.0 IN PERCENT

DATA USED -- WD10 ,WS10 ,CT100

SECTOR IS WIND DIRECTION NOT AFFECTED DIRECTION

SECTOR	0.0 TO 0.4		0.5 TO 0.9		1.0 TO 1.4		1.5 TO 1.9		2.0 TO 2.4		2.5 TO 2.9		3.0 TO 3.4		3.5 TO 3.9		4.0 TO 4.4		4.5 TO 4.9		5.0 TO 5.9		6.0 TO 6.9		7.0 TO 7.9		8.0 TO 8.9		9.0 TO INF		TOTAL	UBAR
	0.4	0.0	0.9	0.0	1.4	0.0	1.9	0.0	2.4	0.0	2.9	0.0	3.4	0.0	3.9	0.0	4.4	0.0	4.9	0.0	5.9	0.0	6.9	0.0	7.9	0.0	8.9	0.0	9.0	0.0	INF	0.0

NNE

NE

ENE

E

ESE

SE

SSE

S

SSW

SW

WSW

W

WNW

NW

NNW

N

TOTAL

NNE	0.0	0.06	0.0	0.0	0.0	0.12	0.06	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.24	1.5
NE	0.0	0.06	0.0	0.0	0.0	0.18	0.12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.35	2.0
ENE	0.0	0.06	0.0	0.06	0.0	0.06	0.0	0.0	0.06	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.24	2.0
E	0.0	0.24	0.0	0.0	0.06	0.12	0.06	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.47	1.5
ESE	0.0	0.0	0.06	0.12	0.06	0.06	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.24	1.7
SE	0.0	0.06	0.18	0.0	0.0	0.0	0.06	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.47	1.8
SSE	0.06	0.12	0.24	0.06	0.0	0.0	0.06	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.53	1.2
S	0.0	0.12	0.0	0.06	0.0	0.0	0.0	0.06	0.0	0.0	0.06	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.35	2.7
SSW	0.06	0.18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.47	3.8
SW	0.0	0.06	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.24	4.7
WSW	0.0	0.12	0.12	0.0	0.0	0.06	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.65	3.8
W	0.0	0.24	0.18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.47	1.7
WNW	0.0	0.47	0.59	0.54	0.0	0.35	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.42	1.5
NW	0.06	0.24	0.35	0.30	0.18	0.18	0.29	0.12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.65	1.8
NNW	0.0	0.18	0.0	0.06	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.24	0.9
N	0.0	0.06	0.0	0.06	0.0	0.0	0.06	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.24	2.0
TOTAL	0.18	2.24	1.71	1.83	1.12	1.12	0.65	0.24	0.35	0.0	0.06	0.24	0.29	0.0	0.0	0.0	0.24	0.06	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.27	2.0

NUMBER OF INVALID OBSERVATIONS= 8.

PERCENT OF VALID OBSERVATIONS= 5.3

TABLE 151 - G

DATA PERIOD 01/01/1978 THROUGH 03/31/1978 RUN FROM TAPE SERIES TRI-EX

OMAHA PUBLIC POWER DISTRICT
FORT CALHOUN NUCLEAR STATION

JOINT FREQUENCY DISTRIBUTION WIND DIRECTION VS. WIND SPEED IN METERS/SEC FOR

DT100 = 46.1 TO +INF IN PERCENT DATA USED -- WD10 ,WS10 ,DT100

SECTOR IS WIND DIRECTION NOT AFFECTED DIRECTION

SECTOR	0.0 TO 0.4	0.5 TO 0.9	1.0 TO 1.4	1.5 TO 1.9	2.0 TO 2.4	2.5 TO 2.9	3.0 TO 3.4	3.5 TO 3.9	4.0 TO 4.4	4.5 TO 4.9	5.0 TO 5.9	6.0 TO 6.9	7.0 TO 7.9	8.0 TO 8.9	9.0 TO INF	TOTAL	UBAR
NNE	0.0	0.0	0.0	0.0	0.06	0.12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.18	2.3
NE	0.0	0.0	0.0	0.0	0.0	0.0	0.06	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.06	2.9
ENE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
E	0.0	0.35	0.06	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.41	0.7
ESE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SE	0.0	0.06	0.0	0.06	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.12	1.2
SSE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
S	0.0	0.12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.06	0.0	0.0	0.0	0.0	0.0	0.18	2.1
SSW	0.0	0.06	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.06	0.5
SW	0.06	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.06	0.4
WSW	0.0	0.06	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.06	0.8
W	0.0	0.18	0.06	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.24	0.8
WNW	0.0	0.0	0.18	0.12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.30	1.3
NW	0.0	0.12	0.06	0.06	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.24	1.0
NNW	0.0	0.12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.12	0.7
N	0.0	0.06	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.06	0.8
TOTAL	0.06	1.12	0.35	0.24	0.06	0.12	0.06	0.0	0.0	0.06	0.0	0.0	0.0	0.0	0.0	2.07	1.2

NUMBER OF INVALID OBSERVATIONS= 15.

PERCENT OF VALID OBSERVATIONS= 2.0

TABLE 151 - ALL

DATA PERIOD 01/01/1978 THROUGH 03/31/1978 RUN FROM TAPE SERIES TRI-EX

OMAHA PUBLIC POWER DISTRICT
FORT CALHOUN NUCLEAR STATION

JOINT FREQUENCY DISTRIBUTION WIND DIRECTION VS. WIND SPEED IN METERS/SEC FOR

DIR100 = -INF TO +INF IN PERCENT DATA USED -- WD10 ,WS10 ,DT100

SECTOR 15 WIND DIRECTION NOT AFFECTED DIRECTION

SECTOR	0.0		0.5		1.0		1.5		2.0		2.5		3.0		3.5		4.0		4.5		5.0		6.0		7.0		8.0		9.0		TOTAL	UBAR	
	IO	0.4	IO	0.9	IO	1.4	IO	1.9	IO	2.4	IO	2.9	IO	3.4	IO	3.9	IO	4.4	IO	4.9	IO	5.9	IO	6.9	IO	7.9	IO	8.9	IO	9.0			INF
NNE	0.0	0.0	0.55	0.40	0.25	0.45	0.55	0.40	0.40	0.65	0.50	0.50	0.50	0.65	0.15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.32	1.5	
NE	0.05	0.10	0.25	0.10	0.25	0.15	0.45	0.15	0.25	0.65	0.25	0.10	0.0	0.65	0.30	0.05	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.56	2.3	
ENE	0.0	0.20	0.25	0.15	0.25	0.15	0.20	0.65	0.65	0.25	0.10	0.0	0.0	0.0	0.30	0.05	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.31	2.2	
E	0.0	0.55	0.15	0.20	0.65	0.65	0.70	0.40	0.40	0.65	0.30	0.55	0.55	0.55	0.40	0.50	0.50	0.55	0.55	0.55	0.50	0.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.37	2.5
ESE	0.0	0.10	0.45	0.70	0.70	0.70	0.70	0.40	0.40	0.65	0.30	0.55	0.55	0.55	0.40	0.50	0.50	0.55	0.55	0.55	0.50	0.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.47	3.2
SE	0.10	0.35	0.80	1.56	1.61	1.61	1.61	1.61	1.61	1.36	1.26	1.26	1.26	1.26	1.01	0.45	0.45	0.45	0.55	0.55	0.70	0.70	0.20	0.20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.95	2.8
SSE	0.05	0.40	0.55	0.80	0.25	0.80	0.80	0.25	0.25	0.65	0.65	0.90	0.90	0.90	0.80	0.15	0.15	0.25	0.25	0.25	0.60	0.60	0.15	0.15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.58	2.5
S	0.05	0.35	0.20	0.35	0.40	0.40	0.35	0.40	0.40	0.75	0.75	0.30	0.30	0.30	0.95	0.95	0.85	0.85	0.90	0.90	0.55	0.55	0.85	0.85	0.15	0.15	0.0	0.0	0.0	0.0	0.0	7.34	3.8
SSW	0.10	0.35	0.20	0.15	0.75	0.75	0.15	0.15	0.75	0.30	0.30	0.30	0.30	0.30	0.15	0.35	0.35	0.20	0.20	0.20	0.35	0.35	0.20	0.20	0.40	0.40	0.50	0.50	0.25	0.25	0.0	4.57	4.4
SW	0.10	0.15	0.10	0.15	0.10	0.15	0.15	0.15	0.10	0.10	0.30	0.20	0.20	0.20	0.05	0.0	0.0	0.0	0.0	0.0	0.05	0.05	0.15	0.15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.36	2.6
WSW	0.0	0.60	0.20	0.30	0.15	0.30	0.30	0.40	0.40	0.25	0.25	0.10	0.10	0.40	0.05	0.10	0.0	0.0	0.10	0.10	0.25	0.10	0.10	0.10	0.05	0.05	0.0	0.0	0.0	0.0	0.0	2.16	2.5
W	0.0	0.60	0.65	0.40	0.25	0.40	0.40	0.25	0.25	0.15	0.15	0.15	0.15	0.40	0.10	0.10	0.0	0.0	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.0	0.0	0.0	0.0	0.0	2.97	2.3
WNW	0.20	1.16	1.16	1.76	1.76	2.61	2.61	1.16	1.16	1.16	0.55	0.45	0.45	0.45	0.25	1.96	1.61	1.61	1.51	1.51	0.20	0.20	0.0	0.0	0.10	0.10	0.0	0.0	0.0	0.0	0.0	8.75	1.9
NW	0.05	0.85	0.90	1.21	1.66	1.66	1.21	1.66	1.66	2.92	2.92	2.06	2.06	2.06	1.56	1.56	1.66	1.66	1.11	1.11	2.21	2.21	1.36	1.36	1.31	1.31	0.85	0.85	1.36	1.36	0.0	21.82	4.3
NNW	0.0	0.65	0.30	0.65	0.45	0.45	0.65	0.45	0.45	0.90	0.90	0.90	1.06	1.06	1.56	1.56	1.66	1.66	1.11	1.11	2.26	2.26	1.61	1.61	1.16	1.16	0.55	0.55	0.85	0.85	0.0	14.78	4.8
N	0.05	0.35	0.50	0.75	1.06	1.06	0.75	1.06	1.06	1.06	1.06	0.70	0.70	0.70	0.75	0.75	0.25	0.25	0.15	0.15	0.05	0.05	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.68	2.5
TOTAL	0.75	7.34	7.89	11.01	10.40	10.40	10.40	10.40	10.40	10.40	10.40	10.40	10.56	10.56	9.00	9.00	6.43	6.43	5.53	5.53	7.84	7.84	4.73	4.73	3.27	3.27	1.96	1.96	2.46	2.46	100.00	3.4	3.4

NUMBER OF INVALID OBSERVATIONS= 171.

PERCENT OF VALID OBSERVATIONS= 52.1

TABLE 150 - A

DATA PERIOD 04/01/1978 THROUGH 06/30/1978 RUN FROM TAPE SERIES TRI-EX

OMAHA PUBLIC POWER DISTRICT
FORT CALHOUN NUCLEAR STATION

JOINT FREQUENCY DISTRIBUTION WIND DIRECTION VS. WIND SPEED IN METERS/SEC FOR

DT100 = -2.0 TO -INF IN FREQUENCY DATA USED --- WD10 ,WS10 ,DT10C

SECTOR IS WIND DIRECTION NOT AFFECTED DIRECTION

SECTOR	0.0 TO 0.4		0.5 TO 0.9		1.0 TO 1.4		1.5 TO 1.9		2.0 TO 2.4		2.5 TO 2.9		3.0 TO 3.4		3.5 TO 3.9		4.0 TO 4.4		4.5 TO 4.9		5.0 TO 5.9		6.0 TO 6.9		7.0 TO 7.9		8.0 TO 8.9		9.0 TO INF		TOTAL	UBAR
	0.0	0.4	0.5	0.9	1.0	1.4	1.5	1.9	2.0	2.4	2.5	2.9	3.0	3.4	3.5	3.9	4.0	4.4	4.5	4.9	5.0	5.9	6.0	6.9	7.0	7.9	8.0	8.9	9.0	INF		
NNE	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.0
NE	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.0
ENE	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.0
E	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.0
ESE	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.0
SE	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.0
SSE	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.0
S	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.0
SSW	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.0
SW	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.0
WSW	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.0
W	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.0
WNW	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.0
NW	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.0
NNW	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.0
N	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.0
TOTAL	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.0

NUMBER OF INVALID OBSERVATIONS= 0.

PERCENT OF VALID OBSERVATIONS= 0.0

TABLE 150 - B

DATA PERIOD 04/01/1978 THROUGH 06/20/1978 RUN FROM TAPE SERIES TRI-EX

OMAHA PUBLIC POWER DISTRICT
FORT CALHOUN NUCLEAR STATION

JOINT FREQUENCY DISTRIBUTION WIND DIRECTION VS. WIND SPEED IN METERS/SEC FOR

DI100 = -1.7 TO -1.9 IN FREQUENCY DATA USED -- WD10 ,WS10 ,DI100

SECTOR IS WIND DIRECTION NOT AFFECTED DIRECTION

SECTOR	0.0 TO 0.4		0.5 TO 0.9		1.0 TO 1.4		1.5 TO 1.9		2.0 TO 2.4		2.5 TO 2.9		3.0 TO 3.4		3.5 TO 3.9		4.0 TO 4.4		4.5 TO 4.9		5.0 TO 5.9		6.0 TO 6.9		7.0 TO 7.9		8.0 TO 8.5		9.0 TO 10		TOTAL	UBAR
	0.0	0.4	0.5	0.9	1.0	1.4	1.5	1.9	2.0	2.4	2.5	2.9	3.0	3.4	3.5	3.9	4.0	4.4	4.5	4.9	5.0	5.9	6.0	6.9	7.0	7.9	8.0	8.5	9.0	10		
NNE	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
NE	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
ENE	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
E	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
ESE	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
SE	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
SSE	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
S	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
SSW	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
SW	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
WSW	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
W	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
WNW	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
NW	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
NNW	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
N	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

NUMBER OF INVALID OBSERVATIONS= 0.

PERCENT OF VALID OBSERVATIONS= 0.0

TABLE 150 - C

DATA PERIOD 04/01/1978 THROUGH 06/30/1978 RUN FROM TAPE SERIES TRI-EX

OMAHA PUBLIC POWER DISTRICT
FORT CALHOUN NUCLEAR STATION

JOINT FREQUENCY DISTRIBUTION WIND DIRECTION VS. WIND SPEED IN METERS/SEC FOR

DT100 = -1.5 TO -1.6 IN FREQUENCY DATA USED -- WD10 ,WS10 ,DI100

SECTOR IS WIND DIRECTION NOT AFFECTED DIRECTION

SECTOR	0.0 TO 0.4		0.5 TO 0.9		1.0 TO 1.4		1.5 TO 1.9		2.0 TO 2.4		2.5 TO 2.9		3.0 TO 3.4		3.5 TO 3.9		4.0 TO 4.4		4.5 TO 4.9		5.0 TO 5.9		6.0 TO 6.9		7.0 TO 7.9		8.0 TO 8.9		9.0 TO INF		TOTAL	UBAR
	0.0	0.4	0.5	0.9	1.0	1.4	1.5	1.9	2.0	2.4	2.5	2.9	3.0	3.4	3.5	3.9	4.0	4.4	4.5	4.9	5.0	5.9	6.0	6.9	7.0	7.9	8.0	8.9	9.0	INF		
NNE	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.0
NE	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.0
ENE	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.0
E	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.0
ESE	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.0
SE	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.0
SSE	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.0
S	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.0
SSW	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.0
SW	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.0
WSW	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.0
W	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.0
WNW	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.0
NW	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.0
NNW	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.0
N	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.0
TOTAL	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.0

NUMBER OF INVALID OBSERVATIONS= 0.

PERCENT OF VALID OBSERVATIONS= 0.0

TABLE 150 - D

DATA PERIOD 04/01/1978 THROUGH 06/20/1978 RUN FROM TAPE SERIES TRI-EX

OMAHA PUBLIC POWER DISTRICT
FORT CALHOUN NUCLEAR STATION

JOINT FREQUENCY DISTRIBUTION WIND DIRECTION VS. WIND SPEED IN METERS/SEC FOR

DIRECTION = -0.5 10 -1.4 IN FREQUENCY DATA USED -- WD10 , WS10 , DT100

SECTOR 15 WIND DIRECTION NOT AFFECTED DIRECTION

SECTOR	0.0 TO 0.4		0.5 TO 0.9		1.0 TO 1.4		1.5 TO 1.9		2.0 TO 2.4		2.5 TO 2.9		3.0 TO 3.4		3.5 TO 3.9		4.0 TO 4.4		4.5 TO 4.9		5.0 TO 5.9		6.0 TO 6.9		7.0 TO 7.9		8.0 TO 8.5		9.0 TO INF		TOTAL	UHAR
NNE	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	
NE	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	
ENE	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	
E	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	
ESE	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	
SE	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	
SSE	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	
S	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	
SSW	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	
SW	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	
WSW	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	
W	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	
WNW	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	
NW	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	
NNW	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	
N	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	
TOTAL	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	

NUMBER OF INVALID OBSERVATIONS= 0.

PERCENT OF VALID OBSERVATIONS= 0.0

TABLE 150 - E

DATA PERIOD 04/01/1978 THROUGH 06/30/1978 RLN FROM TAPE SERIES TRI-EX

OMAHA PUBLIC POWER DISTRICT
FORT CALHOUN NUCLEAR STATION

JOINT FREQUENCY DISTRIBUTION WIND DIRECTION VS. WIND SPEED IN METERS/SEC FOR

DT100 = -0.4 TO +1.5 IN FREQUENCY

DATA USED -- WD10 , WS10 , DT100

SECTOR IS WIND DIRECTION NOT AFFECTED DIRECTION

SECTOR	0.0 TO 0.4		0.5 TO 0.9		1.0 TO 1.4		1.5 TO 1.9		2.0 TO 2.4		2.5 TO 2.9		3.0 TO 3.4		3.5 TO 3.9		4.0 TO 4.4		4.5 TO 4.9		5.0 TO 5.4		6.0 TO 6.9		7.0 TO 7.9		8.0 TO 8.4		9.0 TO 9.4		TOTAL	UBAR
	0.0	0.4	0.5	0.9	1.0	1.4	1.5	1.9	2.0	2.4	2.5	2.9	3.0	3.4	3.5	3.9	4.0	4.4	4.5	4.9	5.0	5.4	6.0	6.9	7.0	7.9	8.0	8.4	9.0	9.4		
NNE	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
NE	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
ENE	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
E	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
ESE	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
SE	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
SSE	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
S	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
SSW	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
SW	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
WSW	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
W	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
WNW	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
NW	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
NNW	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
N	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
TOTAL	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

NUMBER OF INVALID OBSERVATIONS= 0.

PERCENT OF VALID OBSERVATIONS= 0.0

TABLE 150 - F

DATA PERIOD 04/01/1978 THROUGH 06/30/1978 RUN FROM TAPE SERIES IRI-EX

OMAHA PUBLIC POWER DISTRICT
FERT-CALHOUN NUCLEAR STATION

JOINT FREQUENCY DISTRIBUTION WIND DIRECTION VS. WIND SPEED IN METERS/SEC FOR

DTIC = +1.6 TO +4.0 IN FREQUENCY DATA USED -- WD10 ,WS10 ,GT100

SECTOR IS WIND DIRECTION NOT AFFECTED CIRCULATION

[illegible]

NUMBER OF INVALID OBSERVATIONS= 0.

PERCENT OF VALID OBSERVATIONS= C.0

TABLE 150 - G

DATA PERIOD 04/01/1978 THROUGH 06/30/1978 RUN FROM TAPE SERIES TRI-EX

OMAHA PUBLIC POWER DISTRICT
FORT CALHOUN NUCLEAR STATION

JOINT FREQUENCY DISTRIBUTION WIND DIRECTION VS. WIND SPEED IN METERS/SEC FOR

D1100 = 4.1 TO +INF IN FREQUENCY DATA USED -- WD10 , WS10 , D110C

SECTOR IS WIND DIRECTION NOT AFFECTED DIRECTION

SECTOR	0.0 TO 0.4		0.5 TO 0.9		1.0 TO 1.4		1.5 TO 1.9		2.0 TO 2.4		2.5 TO 2.9		3.0 TO 3.4		3.5 TO 3.9		4.0 TO 4.4		4.5 TO 4.9		5.0 TO 5.9		6.0 TO 6.9		7.0 TO 7.9		8.0 TO 8.9		9.0 TO INF		TOTAL	USAR
	0.0	0.4	0.5	0.9	1.0	1.4	1.5	1.9	2.0	2.4	2.5	2.9	3.0	3.4	3.5	3.9	4.0	4.4	4.5	4.9	5.0	5.9	6.0	6.9	7.0	7.9	8.0	8.9	9.0	INF		
NNE	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.0
NE	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.0
ENE	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.0
E	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.0
ESE	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.0
SE	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.0
SSE	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.0
S	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.0
SSW	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.0
SW	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.0
WSW	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.0
W	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.0
WNW	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.0
NW	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.0
NNW	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.0
N	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.0
TOTAL	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.0

NUMBER OF INVALID OBSERVATIONS= 0.

PERCENT OF VALID OBSERVATIONS= 0.0

TABLE 150 - ALL

DATA PERIOD 04/01/1978 THROUGH 06/30/1978 RUN FROM TAPE SERIES TRI-EX

OMAHA PUBLIC POWER DISTRICT
FORT CALHOUN NUCLEAR STATION

JOINT FREQUENCY DISTRIBUTION WIND DIRECTION VS. WIND SPEED IN METERS/SEC FOR

DT100 = -INF TO +INF IN FREQUENCY

DATA USED -- WD10 ,WS10 ,DT100

SECTOR IS WIND DIRECTION NOT AFFECTED DIRECTION

SECTOR	0.0 TO 0.4	0.5 TO 0.9	1.0 TO 1.4	1.5 TO 1.9	2.0 TO 2.4	2.5 TO 2.9	3.0 TO 3.4	3.5 TO 3.9	4.0 TO 4.4	4.5 TO 4.9	5.0 TO 5.9	6.0 TO 6.9	7.0 TO 7.9	8.0 TO 8.9	9.0 TO INF	TOTAL	UBAR
NNE	1.	6.	4.	6.	1.	1.	0.	1.	0.	0.	0.	0.	0.	0.	0.	20.	1.3
NE	3.	6.	7.	6.	7.	0.	1.	0.	0.	0.	1.	0.	0.	0.	0.	31.	1.5
ENE	0.	9.	12.	14.	14.	11.	9.	2.	6.	4.	4.	0.	0.	0.	1.	86.	2.5
E	3.	12.	16.	14.	11.	15.	20.	9.	11.	12.	10.	5.	1.	0.	2.	141.	3.0
ESE	6.	11.	26.	23.	22.	24.	17.	14.	15.	18.	41.	14.	10.	7.	7.	255.	3.7
SE	2.	14.	8.	21.	25.	27.	24.	21.	24.	20.	28.	11.	10.	8.	8.	251.	3.8
SSE	3.	5.	7.	5.	15.	13.	19.	20.	13.	28.	32.	24.	13.	8.	4.	209.	4.5
S	4.	7.	4.	6.	7.	9.	11.	14.	8.	16.	22.	15.	20.	17.	16.	176.	5.3
SSW	5.	7.	4.	3.	9.	10.	10.	12.	11.	8.	17.	2.	6.	3.	6.	113.	4.0
SW	5.	2.	8.	2.	4.	9.	1.	4.	3.	1.	8.	5.	3.	0.	0.	55.	3.3
WSW	6.	5.	4.	10.	5.	4.	3.	1.	4.	4.	11.	7.	0.	0.	0.	64.	3.1
W	7.	27.	13.	7.	7.	6.	3.	4.	5.	4.	5.	5.	5.	1.	0.	99.	2.4
WNW	1.	30.	43.	21.	5.	8.	7.	4.	6.	0.	22.	9.	10.	2.	0.	172.	2.7
NW	2.	6.	17.	29.	21.	24.	21.	24.	11.	22.	38.	21.	10.	8.	12.	266.	4.1
NNW	2.	14.	15.	17.	12.	20.	15.	17.	12.	8.	13.	9.	6.	3.	0.	163.	3.2
N	5.	10.	5.	6.	2.	5.	0.	1.	0.	0.	0.	0.	0.	0.	0.	34.	1.3
TOTAL	55.	171.	193.	190.	171.	186.	161.	148.	129.	145.	252.	127.	94.	57.	56.	2135.	3.6

NUMBER OF INVALID OBSERVATIONS* 49.

PERCENT OF VALID OBSERVATIONS* 57.8

TABLE 151 -- A

DATA PERIOD 04/01/1978 THROUGH 06/20/1978 RUN FROM TAPE SERIES TRI-EX

OMAHA PUBLIC POWER DISTRICT
FORT CALHOUN NUCLEAR STATION

JOINT FREQUENCY DISTRIBUTION WIND DIRECTION VS. WIND SPEED IN METERS/SEC FOR

DT100 = -2.0 TO -INF IN PERCENT DATA USED -- WD10 , WS10 , DT100

SECTOR 15 WIND DIRECTION NOT AFFECTED DIRECTION

SECTOR	0.0 TO 0.4		0.5 TO 0.9		1.0 TO 1.4		1.5 TO 1.9		2.0 TO 2.4		2.5 TO 2.9		3.0 TO 3.4		3.5 TO 3.9		4.0 TO 4.4		4.5 TO 4.9		5.0 TO 5.9		6.0 TO 6.9		7.0 TO 7.9		8.0 TO 8.9		9.0 TO INF		TOTAL	UBAR
	0.0	0.4	0.0	0.4	0.0	0.4	0.0	0.4	0.0	0.4	0.0	0.4	0.0	0.4	0.0	0.4	0.0	0.4	0.0	0.4	0.0	0.4	0.0	0.4	0.0	0.4	0.0	0.4	0.0	0.4		
NNE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ENE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
E	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ESE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SSE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
S	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SSW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
WSW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
WNW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NNW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
N	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

NUMBER OF INVALID OBSERVATIONS= 0.

PERCENT OF VALID OBSERVATIONS= 0.0

TABLE 151 - B

DATA PERIOD 04/01/1978 THROUGH 06/30/1978 RUN FROM TAPE SERIES TRI-EX

OMAHA PUBLIC POWER DISTRICT
FORT CALHOUN NUCLEAR STATION

JOINT FREQUENCY DISTRIBUTION WIND DIRECTION VS. WIND SPEED IN METERS/SEC FOR

D1100 = -1.7 TO -1.9 IN PERCENT DATA USED -- WD10 , WS10 , CT100

SECTOR 15 WIND DIRECTION NOT AFFECTED DIRECTION

SECTOR	0.0 TO 0.4		0.5 TO 0.9		1.0 TO 1.4		1.5 TO 1.9		2.0 TO 2.4		2.5 TO 2.9		3.0 TO 3.4		3.5 TO 3.9		4.0 TO 4.4		4.5 TO 4.9		5.0 TO 5.9		6.0 TO 6.9		7.0 TO 7.9		8.0 TO 8.9		9.0 TO INF		TOTAL		UBAR	
	0.0	0.4	0.5	0.9	1.0	1.4	1.5	1.9	2.0	2.4	2.5	2.9	3.0	3.4	3.5	3.9	4.0	4.4	4.5	4.9	5.0	5.9	6.0	6.9	7.0	7.9	8.0	8.9	9.0	INF	0.0	10	0.0	10
NNE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ENE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
E	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ESE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SSE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
S	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SSW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
WSW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
WNW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NNW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
N	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

NUMBER OF INVALID OBSERVATIONS= 0.

PERCENT OF VALID OBSERVATIONS= 0.0

TABLE 151 - C

DATA PERIOD 04/01/1978 THROUGH 06/30/1978 RUN FROM TAPE SERIES TRI-EX

OMAHA PUBLIC POWER DISTRICT
FORT CALHOUN NUCLEAR STATIONJOINT FREQUENCY DISTRIBUTION WIND DIRECTION VS. WIND SPEED IN METERS/SEC FOR
DT100 = -1.5 TO -1.6 IN PERCENT DATA USED -- WD10 ,WS10 ,DT100

SECTOR IS WIND DIRECTION NOT AFFECTED DIRECTION

SECTOR	0.0 TO 0.4		0.5 TO 0.9		1.0 TO 1.4		1.5 TO 1.9		2.0 TO 2.4		2.5 TO 2.9		3.0 TO 3.4		3.5 TO 3.9		4.0 TO 4.4		4.5 TO 4.9		5.0 TO 5.9		6.0 TO 6.9		7.0 TO 7.9		8.0 TO 8.9		9.0 TO INF		TOTAL		UBAR	
	0.0	0.4	0.0	0.4	0.0	0.4	0.0	0.4	0.0	0.4	0.0	0.4	0.0	0.4	0.0	0.4	0.0	0.4	0.0	0.4	0.0	0.4	0.0	0.4	0.0	0.4	0.0	0.4	0.0	0.4	0.0	0.4	0.0	0.4
NNE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ENE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
E	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ESE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SSE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
S	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SSW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
WSW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
WNW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NNW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
N	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

NUMBER OF INVALID OBSERVATIONS= 0.

PERCENT OF VALID OBSERVATIONS= 0.0

TABLE 151 - 0

DATA PERIOD 04/01/1978 THROUGH 06/30/1978 RLN FROM TAPE SERIES TRI-EX

OMAHA PUBLIC POWER DISTRICT
FORT CALHOUN NUCLEAR STATION

JOINT FREQUENCY DISTRIBUTION WIND DIRECTION VS. WIND SPEED IN METERS/SEC FOR

D1100 = -0.5 TO -1.4 IN PERCENT DATA USED -- WD10 ,WS10 ,CT100

SECTOR IS WIND DIRECTION NOT AFFECTED DIRECTION

SECTOR	0.0 TO 0.4		0.5 TO 0.9		1.0 TO 1.4		1.5 TO 1.9		2.0 TO 2.4		2.5 TO 2.9		3.0 TO 3.4		3.5 TO 3.9		4.0 TO 4.4		4.5 TO 4.9		5.0 TO 5.9		6.0 TO 6.9		7.0 TO 7.9		8.0 TO 8.5		9.0 TO INF		TOTAL		UBAR	
	0.0	0.4	0.0	0.4	0.0	0.4	0.0	0.4	0.0	0.4	0.0	0.4	0.0	0.4	0.0	0.4	0.0	0.4	0.0	0.4	0.0	0.4	0.0	0.4	0.0	0.4	0.0	0.4	0.0	0.4	0.0	0.4	0.0	0.4
NNE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ENE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
E	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ESE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SSE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
S	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SSW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
WSW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
WNW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NNW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
N	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

NUMBER OF INVALID OBSERVATIONS= 0.

PERCENT OF VALID OBSERVATIONS= 0.0

TABLE 151 - E

DATA PERIOD 04/01/1978 THROUGH 06/30/1978 RLN FRCP TAPE SERIES TRI-EX

OMAHA PUBLIC POWER DISTRICT
FORT CALHOUN NUCLEAR STATION

JOINT FREQUENCY DISTRIBUTION WIND DIRECTION VS. WIND SPEED IN METERS/SEC FOR

DT100 = -C-4 TO +1.5 IN PERCENT DATA USED -- WD10 ,WS10 ,CT100

SECTOR VS WIND DIRECTION NOT AFFECTED DIRECTION

SECTOR	0.0 TO 0.4		0.5 TO 0.9		1.0 TO 1.4		1.5 TO 1.9		2.0 TO 2.4		2.5 TO 2.9		3.0 TO 3.4		3.5 TO 3.9		4.0 TO 4.4		4.5 TO 4.9		5.0 TO 5.9		6.0 TO 6.9		7.0 TO 7.9		8.0 TO 8.9		9.0 TO INF		TOTAL	UPAR
	0.0	0.4	0.0	0.4	0.0	0.4	0.0	0.4	0.0	0.4	0.0	0.4	0.0	0.4	0.0	0.4	0.0	0.4	0.0	0.4	0.0	0.4	0.0	0.4	0.0	0.4	0.0	0.4	0.0	0.4	0.0	0.4
NNE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ENE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
E	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ESE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SSE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
S	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SSW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
WSW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
WNW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NNW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
N	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

NUMBER OF INVALID OBSERVATIONS= 0.

PERCENT OF VALID OBSERVATIONS= 0.0

TABLE 151 - F

DATA PERIOD 04/01/1978 THROUGH 06/30/1978 RUN FROM TAPE SERIES TRI-EX

OMAHA PUBLIC POWER DISTRICT
FORT CALHOUN NUCLEAR STATION

JOINT FREQUENCY DISTRIBUTION WIND DIRECTION VS. WIND SPEED IN METERS/SEC FOR

DTICO = +1.6 TO +4.4 IN PERCENT

DATA USED -- WD10 , WS10 , DT100

SECTOR IS WIND DIRECTION NOT AFFECTED DIRECTION

SECTOR	0.0		0.5		1.0		1.5		2.0		2.5		3.0		3.5		4.0		4.5		5.0		6.0		7.0		8.0		9.0		TOTAL	UBAR
	IO	0.4	IO	0.9	IO	1.4	IO	1.9	IO	2.4	IO	2.9	IO	3.4	IO	3.9	IO	4.4	IO	4.9	IO	5.9	IO	6.9	IO	7.9	IO	8.9	IO	9.0		
NNE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ENE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
E	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ESE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SSE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
S	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SSW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
WSW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
WNW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NNW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
N	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

NUMBER OF INVALID OBSERVATIONS= 0.

PERCENT OF VALID OBSERVATIONS= 0.0

TABLE 151 - G

DATA PERIOD 04/01/1978 THROUGH 06/30/1978 RUN FROM TAPE SERIES TRI-EX

OMAHA PUBLIC POWER DISTRICT
FORT CALHOUN NUCLEAR STATION

JOINT FREQUENCY DISTRIBUTION WIND DIRECTION VS. WIND SPEED IN METERS/SEC FOR

DT100 = 4.1 TO +INF IN PERCENT DATA USED -- WD10 ,WS10 ,DT100

SECTOR IS WIND DIRECTION NOT AFFECTED DIRECTION

SECTOR	0.0 TO 0.4		0.5 TO 0.9		1.0 TO 1.4		1.5 TO 1.9		2.0 TO 2.4		2.5 TO 2.9		3.0 TO 3.4		3.5 TO 3.9		4.0 TO 4.4		4.5 TO 4.9		5.0 TO 5.9		6.0 TO 6.9		7.0 TO 7.9		8.0 TO 8.9		9.0 TO INF		TOTAL	UBAR	
	0.0	0.4	0.5	0.9	1.0	1.4	1.5	1.9	2.0	2.4	2.5	2.9	3.0	3.4	3.5	3.9	4.0	4.4	4.5	4.9	5.0	5.9	6.0	6.9	7.0	7.9	8.0	8.9	9.0	TO			INF
NNE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ENE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
E	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ESE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SSE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
S	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SSW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
WSW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
WNW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NNW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
N	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

NUMBER OF INVALID OBSERVATIONS= 0.

PERCENT OF VALID OBSERVATIONS= 0.0

TABLE 151 - ALL

DATA PERIOD 04/01/1978 THROUGH 06/30/1978 RUN FROM TAPE SERIES TRI-EX

OMAHA PUBLIC POWER DISTRICT
FORT CALHOUN NUCLEAR STATION

JOINT FREQUENCY DISTRIBUTION WIND DIRECTION VS. WIND SPEED IN METERS/SEC FOR

DT100 = -INF TO +INF IN PERCENT

DATA USED -- WD10 ,WS10 ,DT100

SECTOR IS WIND DIRECTION NOT AFFECTED DIRECTION

SECTOR	0.0 TO 0.4	0.5 TO 0.9	1.0 TO 1.4	1.5 TO 1.9	2.0 TO 2.4	2.5 TO 2.9	3.0 TO 3.4	3.5 TO 3.9	4.0 TO 4.4	4.5 TO 4.9	5.0 TO 5.9	6.0 TO 6.9	7.0 TO 7.9	8.0 TO 8.9	9.0 TO INF	TOTAL	UBAR
NNE	0.05	0.28	0.19	0.28	0.05	0.05	0.0	0.05	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.94	1.3
NE	0.14	0.28	0.32	0.28	0.33	0.0	0.05	0.0	0.0	0.0	0.05	0.0	0.0	0.0	0.0	1.45	1.5
ENE	0.0	0.42	0.56	0.66	0.56	0.51	0.42	0.09	0.28	0.19	0.19	0.0	0.0	0.0	0.05	4.03	2.5
E	0.14	0.56	0.75	0.66	0.51	0.70	0.94	0.42	0.51	0.56	0.47	0.23	0.05	0.0	0.09	6.60	3.0
ESE	0.28	0.51	1.22	1.08	1.03	1.12	0.80	0.66	0.70	0.84	1.92	0.66	0.47	0.33	0.33	11.94	3.7
SE	0.09	0.66	0.37	0.98	1.17	1.26	1.12	0.98	1.12	0.94	1.31	0.51	0.47	0.37	0.37	11.76	3.8
SSE	0.14	0.23	0.33	0.23	0.70	0.61	0.89	0.94	0.61	1.31	1.50	1.12	0.61	0.37	0.19	9.79	4.5
S	0.19	0.32	0.19	0.28	0.33	0.42	0.51	0.66	0.37	0.75	1.03	0.70	0.94	0.80	0.75	8.24	5.3
SSW	0.23	0.33	0.19	0.14	0.42	0.47	0.47	0.56	0.51	0.37	0.80	0.09	0.28	0.14	0.28	5.29	4.0
SW	0.23	0.09	0.37	0.05	0.19	0.42	0.05	0.19	0.14	0.05	0.37	0.23	0.14	0.0	0.0	2.58	3.3
WSW	0.28	0.23	0.19	0.47	0.23	0.19	0.14	0.05	0.19	0.19	0.51	0.33	0.0	0.0	0.0	3.00	3.1
W	0.33	1.26	0.61	0.32	0.33	0.28	0.14	0.19	0.23	0.19	0.23	0.23	0.23	0.05	0.0	4.64	2.4
WNW	0.05	1.40	2.01	0.56	0.42	0.37	0.33	0.19	0.28	0.0	1.03	0.42	0.47	0.05	0.0	8.06	2.7
NW	0.09	0.28	0.80	1.36	0.58	1.12	0.98	1.12	0.51	1.03	1.78	0.98	0.47	0.37	0.56	12.46	4.1
NNW	0.09	0.66	0.70	0.80	0.56	0.94	0.70	0.80	0.56	0.37	0.61	0.42	0.28	0.14	0.0	7.63	3.2
N	0.23	0.47	0.23	0.28	0.09	0.23	0.0	0.05	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.59	1.3
TOTAL	2.57	8.01	9.04	8.90	8.01	6.71	7.54	6.93	6.04	6.79	11.80	5.95	4.40	2.67	2.62	100.00	3.6

NUMBER OF INVALID OBSERVATIONS= 49.

PERCENT OF VALID OBSERVATIONS= 97.8

RELEASE NUMBER 78001

CONTAINMENT PURGE

STARTING TIME

JAN 5, 1978

HOUR 17 MINUTE 25

TIME HOUR	WS10 MPH	WD10 DEG	DT100 DEG C
17	4.0	169.3	-0.7
18	2.1	216.3	0.1
19	3.6	205.7	0.7
20	2.8	135.3	0.9
21	4.1	123.9	1.0
22	3.8	150.3	0.1
23	6.3	136.5	0.4
24	7.9	179.1	-0.2
1	9.3	175.3	-0.2
2	10.4	177.2	-0.2
3	10.0	177.9	-0.2
4	13.3	182.7	-0.3
5	13.6	182.8	-0.2
6	9.7	176.8	-0.3
7	8.0	168.2	-0.3
8	5.4	157.8	-0.4
9	6.2	170.2	-0.7
10	6.2	179.0	-1.1
11	6.5	188.1	-1.5
12	4.9	196.5	-1.6
13	5.0	208.1	-1.2
14	3.7	174.8	-1.0
15	5.8	157.6	-0.9
16	3.7	158.3	-0.5
17	4.3	112.1	0.1
18	1.9	297.3	0.7
19	3.9	302.5	0.8
20	3.9	302.6	0.8
21	4.5	308.8	0.3
22	7.3	315.6	0.0
23	5.8	338.3	-0.7
24	5.7	318.0	-0.7
1	5.4	316.5	-0.6
2	4.8	337.9	-0.5
3	6.0	317.7	-0.4
4	6.7	305.9	-0.2
5	5.4	314.2	-0.1
6	7.8	328.9	-0.3
7	8.2	327.5	-0.4
8	7.8	330.8	-0.4
9	7.1	337.1	-0.4
10	8.1	333.9	-0.5
11	8.3	337.6	-0.5
12	9.1	338.4	-0.7
13	11.3	336.5	-1.2
14	13.9	330.9	-1.0
15	14.4	330.5	-1.1
16	15.5	329.7	-1.3
17	15.1	329.4	-1.4

18	14.5	334.7	-1.3
19	15.7	332.8	-1.3
20	14.8	333.0	-0.9
21	16.3	331.9	-0.8
22	17.2	332.1	-0.8
23	18.5	335.2	-0.9
24	19.1	336.1	-1.0
1	21.7	329.7	-0.9
2	21.8	331.1	-0.9
3	22.3	330.4	-0.9

STOP TIME JAN 8, 1978 HOUR 2 MINUTE 55

RELEASE NUMBER 780C2

CONTAINMENT PURGE

STARTING TIME

JAN 13, 1978

HOUR 16 MINUTE 33

TIME HOUR	WS10 MPH	WD10 DEG	DT100 DEG C
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16	11.4	329.8	-0.9
17	11.0	334.2	-0.8
18	9.8	329.1	-0.6
19	7.9	349.9	-0.6
20	6.2	356.6	-0.4
21	5.0	343.3	-0.2
22	7.0	316.0	1.1
23	7.7	321.4	0.4
24	8.1	322.8	0.2
1	6.4	326.9	0.5
2	3.9	307.9	0.8
3	4.8	313.0	-0.0
4	5.3	310.0	-0.4
5	4.0	310.3	0.2
6	4.4	323.2	0.1
7	5.9	317.4	-0.8
8	6.5	311.9	-0.9
9	7.2	310.1	-0.9
10	6.5	307.4	-1.0
11	5.5	305.6	-1.0
12	6.9	303.8	-0.9
13	6.4	320.8	-0.9
14	6.0	319.2	-1.0
15	6.1	326.1	-0.9
16	2.7	319.6	-0.9
17	2.6	320.7	-0.7
18	1.7	302.0	0.2
19	1.2	33.1	0.5
20	1.1	199.2	0.6
21	1.4	263.9	1.6
22	1.8	292.2	1.9
23	2.1	291.0	2.5
24	0.9	201.9	3.1
1	1.3	101.1	1.7
2	0.6	201.0	2.9

STOP TIME

JAN 15, 1978

HOUR 1 MINUTE 58

STARTING TIME

JAN 15, 1978

HOUR 12 MINUTE 15

TIME HOUR	WS10 MPH	WD10 DEG	DT100 DEG C
12	3.4	0.2	-0.7
13	2.4	2.7	-0.6
14	2.0	351.7	-0.6
15	4.6	337.7	-1.0
16	4.7	342.9	-1.2
17	5.1	350.3	-1.0
18	6.1	359.6	-0.8
19	5.5	0.6	-0.7
20	5.2	3.5	-0.9
21	6.0	352.7	-0.9
22	6.8	1.2	-1.0
23	7.5	349.8	-1.0
24	7.3	1.5	-1.0
1	7.6	1.6	-1.0
2	8.1	356.2	-1.0
3	8.7	354.5	-1.1
4	8.8	358.4	-1.1
5	9.9	356.7	-1.1
6	11.0	354.4	-1.1
7	11.2	353.2	-1.1
8	9.6	351.9	-1.1
9	10.0	350.0	-1.1
10	9.0	348.4	-1.1

STOP TIME

JAN 16, 1978

HOUR 9 MINUTE 59

RELEASE NUMBER 78003

CONTAINMENT PURGE

STARTING TIME

JAN 19, 1978

HOUR 16 MINUTE 39

TIME HOUR	WS10 MPH	WD10 DEG	DT100 DEG C
16	8.2	337.2	-0.9
17	10.2	322.3	-0.5
18	9.4	322.9	-0.3
19	9.1	330.0	-0.5
20	7.3	320.4	-0.2
21	6.8	313.3	0.3
22	6.8	314.4	0.4
23	6.1	309.5	0.3
24	6.2	316.6	0.2
1	8.5	320.1	-0.6
2	9.1	324.9	-0.7
3	7.8	318.6	-0.6
4	7.2	320.1	-0.6
5	8.6	325.9	-0.6
6	7.1	323.3	-0.4
7	7.6	327.9	-0.8
8	8.4	326.2	-0.8
9	8.2	325.1	-0.7
10	7.8	320.2	-0.7
11	9.1	320.0	-0.6
12	8.8	319.9	-0.9
13	7.1	326.4	-1.1
14	6.2	332.6	-1.0
15	6.4	329.4	-0.7
16	4.1	335.7	-0.6
17	5.6	316.8	-0.3
18	5.5	313.6	0.6
19	4.1	295.7	1.0
20	3.8	289.8	0.7
21	3.7	286.9	0.8
22	3.3	291.4	0.4
23	3.0	287.3	0.3
24	2.2	274.8	0.6
1	2.9	291.2	1.1
2	3.1	304.7	1.5
3	1.5	287.4	-0.0
4	1.7	157.1	-0.1
5	2.9	129.4	1.3
6	2.9	131.7	1.6
7	4.1	129.2	0.8
8	3.7	135.2	1.1
9	5.2	122.6	0.7
10	3.2	114.8	0.1
11	5.3	140.7	-0.6
12	9.7	192.7	-0.9
13	9.9	188.7	-1.0
14	9.0	182.2	-1.0
15	8.4	178.7	-1.0
16	9.3	183.9	-1.0

17	8.7	182.6	-0.9
18	7.6	177.2	-0.8
19	8.5	175.4	-0.8
20	10.1	184.0	-0.3
21	10.8	183.0	1.4
22	11.5	187.2	1.1
23	10.8	188.8	0.5
24	10.8	190.3	0.2
1	7.6	183.6	-0.1
2	7.2	175.9	1.3
3	7.3	169.2	1.5
4	9.1	183.1	1.5
5	10.8	190.4	2.0
6	11.7	187.0	2.6
7	7.6	187.7	2.0
8	6.9	159.6	0.6
9	7.7	177.3	-0.2
10	9.8	185.2	-0.6
11	9.5	192.1	-0.7
12	9.7	186.8	-0.8
13	10.2	189.0	-0.9
14	11.7	185.6	-1.0
15	11.8	186.0	-1.1
16	10.6	184.2	-1.1
17	10.5	183.4	-1.0
18	6.2	171.7	-0.7
19	5.5	140.9	-0.1
20	9.6	175.9	-0.2
21	18.9	202.7	0.5
22	19.6	206.8	0.8
23	9.1	177.1	0.1
24	6.2	162.9	-0.1
1	12.6	197.5	1.0
2	15.4	198.3	1.4
3	9.9	177.3	-0.0
4	9.8	181.1	-0.2
5	8.2	178.8	-0.2
6	7.6	174.4	-0.1
7	8.7	179.7	-0.1
8	8.7	177.7	-0.2
9	9.1	191.1	-0.3
10	9.2	180.9	-0.3
11	9.5	201.3	-0.4
12	9.0	192.4	-0.5
13	8.9	180.8	-0.5
14	9.5	190.4	-0.7
15	9.3	192.0	-0.6
16	8.5	188.0	-0.5
17	5.5	186.4	-0.6
18	5.2	161.9	-0.5
19	6.7	169.3	-0.3
20	6.6	172.7	-0.3
21	7.3	187.4	-0.4

STOP TIME JAN 23, 1978 HOUR 20 MINUTE 10

RELEASE NUMBER 78004

CONTAINMENT PURGE

STARTING TIME

JAN 26, 1978

HOUR 17 MINUTE 40

TIME HOUR	WS10 MPH	WD10 DEG	DT100 DEG C
17	17.5	316.9	-1.1
18	14.8	318.6	-0.6
19	13.2	313.8	-0.5
20	15.5	320.4	-0.6
21	14.4	313.8	-0.6
22	14.1	314.9	-0.6
23	12.7	320.6	-0.6
24	12.2	319.4	-0.6
1	10.4	315.0	-0.6
2	9.9	316.7	-0.5
3	9.7	311.4	-0.5
4	9.7	316.4	-0.4
5	7.8	316.2	-0.4
6	6.8	309.0	-0.4
7	8.0	309.5	-0.5
8	8.3	310.9	-0.4
9	10.2	313.2	-0.9
10	12.3	315.1	-1.1
11	11.7	312.8	-1.2
12	10.8	311.8	-1.3
13	11.2	311.4	-1.3
14	12.6	319.9	-1.3
15	13.3	327.1	-1.3
16	13.5	325.3	-1.2
17	14.2	327.1	-1.0
18	7.9	330.0	-0.6
19	6.6	330.3	-0.0
20	4.3	318.1	0.4
21	6.1	320.6	-0.1
22	6.5	317.9	-0.1
23	6.6	322.3	-0.0
24	5.5	316.4	-0.1
1	7.1	308.2	-0.2
2	4.6	303.8	-0.1
3	5.7	311.9	-0.3
4	6.7	308.2	-0.4
5	7.3	321.8	-0.7
6	6.2	317.4	-0.3
7	9.1	329.3	-0.8
8	7.6	331.4	-0.8
9	10.9	327.8	-0.9
10	9.4	333.8	-1.1
11	12.3	332.4	-1.2
12	14.1	329.6	-1.2
13	15.8	327.3	-1.3
14	16.2	323.1	-1.3
15	14.9	325.7	-1.3
16	14.9	320.4	-1.3
17	13.9	325.9	-1.1

18	12.7	326.6	-0.5
19	9.7	324.9	0.1
20	8.9	330.1	-0.2
21	8.0	323.0	0.0
22	6.7	322.2	-0.2
23	6.5	312.1	-0.1
24	7.4	312.3	-0.2
1	7.6	315.5	-0.0
2	8.3	309.8	-0.1
3	6.9	319.4	-0.0
4	7.2	317.4	0.1
5	7.0	313.6	0.1
6	5.3	319.1	-0.1
7	3.7	290.1	-0.2
8	5.2	288.5	-0.2
9	7.0	301.2	-0.8
10	8.1	323.9	-1.0
11	6.5	335.1	-1.1
12	4.7	328.3	-1.1
13	4.1	340.9	-1.1
14	3.4	13.6	-1.2
15	3.6	312.4	-1.1
16	2.8	275.6	-1.0
17	3.3	279.6	-0.9
18	1.6	239.2	-0.8
19	1.2	165.0	-0.4
20	1.4	161.0	-0.1
21	2.3	137.7	-0.2
22	4.1	135.2	-0.4
23	2.9	138.8	-0.5
24	3.9	123.0	-0.8
1	4.3	129.6	-0.7
2	4.7	126.4	-0.5
3	5.8	127.2	-0.6
4	5.4	133.9	-0.5
5	4.2	131.9	-0.6
6	3.4	140.8	-0.5
7	4.0	163.6	-0.7
8	4.1	174.4	-0.7

STOP TIME JAN 30, 1978 HOUR 7 MINUTE 15

RELEASE NUMBER 78005

CONTAINMENT PURGE

STARTING TIME

FEB 3, 1978

HOUR 17 MINUTE 50

TIME HOUR	WS10 MPH	WD10 DEG	DT100 DEG C
17	5.4	130.7	-0.3
18	8.1	132.6	0.3
19	7.6	133.5	0.6
20	8.0	131.1	0.6
21	8.0	134.8	-0.1
22	8.8	142.2	-0.6

STOP TIME

FEB 3, 1978

HOUR 21 MINUTE 15

STARTING TIME

FEB 4, 1978

HOUR 11 MINUTE 3

TIME HOUR	WS10 MPH	WD10 DEG	DT100 DEG C
11	14.7	320.9	-0.9
12	17.3	324.4	-1.0
13	17.9	325.4	-1.0
14	16.5	330.8	-1.1
15	19.2	329.6	-1.0
16	14.7	333.1	-1.0
17	13.9	329.6	-0.9
18	15.3	329.6	-0.8
19	13.8	332.1	-0.7
20	10.8	329.6	-0.3
21	11.5	325.2	0.0
22	12.3	323.3	-0.1
23	10.7	323.4	-0.1
24	7.6	333.1	-0.2
1	8.9	329.2	-0.2
2	8.5	327.1	-0.3
3	9.6	326.0	-0.2
4	6.4	344.3	-0.5
5	8.4	339.3	-0.6
6	7.3	342.4	-0.5
7	8.4	326.1	-0.3
8	8.0	323.3	-0.2
9	8.1	328.8	-0.6
10	8.8	331.7	-0.9
11	9.8	333.9	-1.0
12	9.2	335.6	-1.0
13	7.1	336.2	-0.9
14	5.9	346.7	-1.0
15	5.9	2.8	-1.1
16	5.8	359.4	-1.1
17	4.7	352.2	-0.7
18	3.4	335.6	-0.1
19	2.2	284.9	1.0

20	2.6	296.6	1.5
21	3.7	299.2	2.7
22	3.6	301.5	2.5
23	4.0	295.2	2.1
24	3.4	304.0	1.8
1	2.4	303.4	1.9
2	1.9	306.0	1.8
3	1.2	93.4	1.6
4	1.9	328.6	1.7
5	1.7	297.2	1.3
6	3.3	337.5	0.5
7	1.8	67.4	0.4
8	4.2	79.7	-0.1
9	3.8	129.9	-0.1
10	9.6	117.7	-0.7

STOP TIME FEB 6, 1978 HOUR 9 MINUTE 45

RELEASE NUMBER 78006

CONTAINMENT PURGE

STARTING TIME

FEB 10, 1978

HOUR 18 MINUTE 0

TIME HOUR	WS10 MPH	WD10 DEG	DT100 DEG C
18	8.7	123.2	-0.7
19	8.4	135.7	-0.6
20	7.5	143.9	-0.5
21	6.0	151.9	-0.5
22	5.2	139.3	-0.4
23	4.4	138.2	-0.2
24	3.8	135.6	-0.0
1	3.1	114.1	-0.1
2	4.9	131.5	-0.3
3	6.1	136.9	-0.1
4	5.2	131.4	-0.1
5	5.7	135.2	-0.3
6	4.4	130.4	-0.4
7	5.5	128.5	-0.4
8	7.8	140.4	-0.4
9	7.3	125.1	-0.5
10	8.0	128.5	-0.5
11	6.6	119.8	-0.3
12	7.3	116.0	-0.6
13	8.2	121.9	-0.7
14	9.5	112.8	-0.8
15	9.9	106.0	-0.8
16	10.2	113.9	-0.8
17	8.9	106.5	-0.7
18	7.3	98.7	-0.6
19	7.5	94.8	-0.6
20	8.0	95.0	-0.6
21	8.1	97.8	-0.6
22	8.4	104.5	-0.6
23	8.3	97.9	-0.6
24	9.5	104.8	-0.7
1	6.7	92.9	-0.3
2	5.3	95.9	0.1
3	4.7	87.1	0.1
4	5.4	84.6	0.2
5	5.1	70.7	0.2
6	5.1	71.4	0.2
7	4.9	81.4	0.2
8	4.7	75.8	-0.0
9	6.0	70.1	-0.4
10	6.4	72.3	-0.7
11	7.4	82.0	-1.0
12	8.6	88.3	-0.8
13	9.6	78.7	-0.7
14	8.6	78.6	-0.5
15	8.0	72.1	-0.5
16	8.1	62.6	-0.7
17	8.0	58.2	-0.5
18	8.6	54.5	-0.3

19	7.7	51.5	-0.4
20	8.0	58.6	0.8
21	8.0	60.3	2.5
22	6.3	50.6	3.8
23	6.5	40.0	4.1
24	5.8	29.5	4.1
1	6.2	15.4	3.6
2	6.3	356.8	2.9
3	6.7	352.8	1.8
4	7.9	351.5	1.0
5	8.4	350.0	0.8
6	9.0	346.7	0.6
7	8.5	343.4	0.4
8	9.0	337.9	0.2
9	9.3	339.2	0.1
10	9.6	335.8	0.0

STOP TIME FEB 13, 1978 HOUR 9 MINUTE 8

STARTING TIME

FEB 17, 1978

HOUR 15 MINUTE 40

TIME HOUR	WS10 MPH	WD10 DEG	DT100 DEG C
15	3.0	329.7	-1.1
16	1.8	335.5	-1.3
17	3.8	224.5	-0.8
18	2.0	256.2	-0.4
19	1.8	290.8	1.0
20	3.1	303.4	2.6
21	3.4	308.4	3.5
22	2.6	280.3	4.5
23	-99.0	166.7	4.9
24	-99.0	242.4	5.4
1	-99.0	223.3	4.9
2	-99.0	129.5	5.8
3	-99.0	135.7	6.1
4	-99.0	126.7	6.7
5	-99.0	138.7	8.4
6	-99.0	164.6	8.9
7	-99.0	162.3	9.0
8	-99.0	209.4	8.9
9	-99.0	109.4	7.4
10	-99.0	275.2	5.4
11	-99.0	340.1	2.0
12	3.7	258.1	-0.4
13	4.6	237.9	-0.3
14	5.8	234.2	-0.4
15	4.4	211.4	-0.8
16	5.2	195.0	-0.7
17	4.8	188.3	-0.7
18	3.6	144.6	-0.5
19	2.7	125.6	0.1
20	2.9	111.9	-0.0
21	3.8	118.7	0.2
22	4.3	93.4	-0.2
23	4.2	115.3	0.1
24	3.4	131.2	0.7
1	3.5	163.0	1.8
2	4.0	131.7	2.7
3	4.0	131.9	1.6
4	3.1	144.6	2.5
5	2.7	160.7	2.4
6	2.4	241.3	3.1
7	1.9	179.9	5.5
8	1.2	271.0	5.8
9	1.2	313.3	4.6
10	1.3	34.8	2.1
11	2.7	351.0	0.5
12	6.4	322.0	-0.7
13	3.4	354.5	-1.2
14	2.1	306.4	-1.2
15	4.5	283.0	-1.0

16	5.4	237.6	-0.8
17	5.5	255.8	-0.6
18	3.9	257.8	-0.2
19	3.7	224.4	0.7
20	4.4	200.8	0.5
21	4.4	176.3	-0.1
22	5.0	117.0	-0.2
23	3.9	130.5	-0.0
24	2.3	130.2	-0.2
1	1.7	137.3	0.1
2	2.0	7.4	0.4
3	3.0	328.0	0.4
4	5.3	316.9	0.4
5	6.4	341.2	-0.1
6	7.9	345.0	-0.4
7	12.7	340.9	-0.6
8	11.9	344.3	-0.6
9	13.4	329.8	-0.7

STOP TIME FEB 20, 1978 HOUR 8 MINUTE 0

STARTING TIME FEB 23, 1978 HOUR 20 MINUTE 20			
TIME HOUR	WS10 MPH	WD10 DEG	DT100 DEG C
20	4.1	137.0	0.1
21	7.3	164.5	-0.2
22	13.5	190.5	0.4
23	15.3	185.8	-0.0
24	14.2	187.2	-0.3
1	15.2	197.1	-0.2
2	12.7	199.7	-0.4
3	6.0	131.4	-0.4
4	5.1	172.1	-0.4
5	3.8	180.8	-0.1
6	2.4	266.2	1.1
7	4.8	296.4	1.9
8	6.8	311.7	1.8
9	10.1	324.7	-0.0
10	10.8	323.2	-0.3
11	16.0	324.1	-0.3
12	21.1	328.5	-0.4
13	21.8	328.5	-0.4
14	16.9	324.0	-0.2
15	18.4	322.3	-0.2
16	18.4	325.7	-0.1
17	14.6	318.5	-0.2
18	15.7	317.8	-0.3
19	16.0	321.0	-0.3
20	17.6	330.0	-0.3
21	17.3	330.1	-0.4
22	15.1	333.2	-0.4
23	15.2	336.2	-0.4
24	15.9	330.2	-0.3
1	13.2	325.7	-0.2
2	8.6	327.9	-0.3
3	8.4	310.6	-0.5
4	9.4	319.6	-0.5
5	8.5	313.3	-0.4
6	8.1	311.3	-0.5
7	8.8	325.8	-0.5
8	8.1	324.8	-0.5
9	10.5	316.9	-0.2
10	15.1	322.9	-2.2
11	17.2	324.9	-2.6
12	11.9	326.4	-2.4
13	12.3	321.2	-2.5
14	12.6	324.9	-2.5
15	12.4	330.2	-2.4
16	10.2	330.8	-1.9
17	10.8	326.4	-2.1
18	6.6	332.8	-1.1
19	5.8	326.2	-0.5
20	3.4	318.4	-0.2

21	4.3	314.5	-0.4
22	4.4	320.8	-0.1
23	4.9	307.4	-0.1
24	5.2	312.9	-0.1
1	5.1	306.8	-0.2
2	5.4	306.7	-0.3
3	4.1	303.2	-0.2
4	4.0	298.6	-0.2
5	2.7	308.1	-0.1
6	3.6	303.2	-0.1
7	2.9	301.8	1.0
8	2.0	276.3	-0.2
9	2.8	288.6	-0.4
10	1.8	2.7	-0.7
11	2.2	11.6	-1.9
12	2.5	103.2	-1.9
13	3.6	153.8	-2.1
14	4.7	199.2	-1.8
15	7.8	150.9	-2.0
16	8.5	161.9	-1.9
17	8.7	163.0	-1.5
18	9.7	136.9	-0.7
19	9.6	134.2	-0.4
20	7.3	147.6	-0.3
21	5.8	135.6	-0.3
22	6.7	156.3	-0.4
23	9.9	161.1	-0.3
24	11.2	161.3	-0.3
1	11.2	165.8	-0.4
2	10.8	175.5	-0.3
3	11.8	177.1	-0.3
4	12.1	181.8	-0.3
5	8.2	168.8	-0.3
6	7.4	160.7	-0.3
7	5.0	142.1	-0.4
8	4.1	139.7	-0.3

STOP TIME FEB 27, 1978 HOUR 7 MINUTE 42

STARTING TIME MAR 2, 1978 HOUR 17 MINUTE 0			
TIME HOUR	WS10 MPH	WD10 DEG	DT100 DEG C
17	19.4	328.2	-1.0
18	19.2	325.3	-0.1
19	18.6	323.9	-0.0
20	16.0	321.5	-0.0
21	14.7	321.0	-0.0
22	16.4	326.1	-0.2
23	20.0	327.3	-0.1
24	14.5	333.2	-0.4
1	14.2	332.9	-0.4
2	11.5	331.8	-0.3
3	12.0	330.4	-0.3
4	13.0	329.8	-0.4
5	11.8	332.4	-0.3
6	16.6	324.5	-0.4
7	14.0	325.5	-0.4
8	10.7	330.1	-0.3
9	10.0	324.3	-1.3
10	15.4	322.3	-1.8
11	17.5	324.6	-2.5
12	17.8	323.8	-2.5
13	18.6	323.7	-2.3
14	13.4	328.5	-2.3
15	13.8	329.3	-2.2
16	13.7	333.4	-2.3
17	15.0	328.5	-2.5
18	14.6	330.5	-0.9
19	9.4	330.5	-0.4
20	7.5	322.6	-0.2
21	8.6	316.5	-0.2
22	8.8	323.2	-0.1
23	8.7	324.4	-0.2
24	8.8	317.8	-0.2
1	7.8	316.8	-0.2
2	6.9	317.2	-0.3
3	7.2	313.9	-0.1
4	5.0	302.0	-0.1
5	3.8	316.9	-0.0
6	3.4	285.7	-0.4
7	3.6	287.9	-0.2
8	4.0	289.5	1.0
9	3.3	289.1	-0.2
10	2.2	296.6	-0.3
11	3.3	311.1	-1.8
12	2.0	250.5	-2.3
13	5.3	199.4	-2.4
14	6.8	213.6	-2.4
15	6.6	212.2	-2.4
16	7.1	207.4	-2.4
17	7.3	182.2	-2.2

18	8.7	179.0	-0.9
19	5.6	166.1	-0.3
20	6.4	168.6	-0.3
21	10.0	176.9	-0.4
22	8.6	159.4	-0.4
23	8.4	167.5	-0.3
24	13.7	167.9	-0.3
1	12.5	167.7	-0.4
2	14.9	177.7	-0.4
3	14.7	178.4	-0.3
4	13.7	179.4	-0.4
5	15.1	181.6	-0.2
6	14.5	176.4	-0.1
7	18.8	191.0	1.0
8	21.5	195.3	1.6

STOP TIME MAR 5, 1978 HOUR 7 MINUTE 30

RELEASE NUMBER 78010

CONTAINMENT PURGE

STARTING TIME

MAR 9, 1978

HOUR 17 MINUTE 14

TIME HOUR	WS10 MPH	WD10 DEG	DT100 DEG C
17	4.1	250.3	-0.6
18	3.2	288.9	-0.3
19	1.8	285.2	-0.2
20	1.5	292.8	1.5
21	1.9	258.5	1.3
22	1.8	163.9	1.7
23	1.0	184.9	2.3
24	1.3	282.4	2.7
1	1.5	274.0	1.9
2	0.7	150.2	3.5
3	1.3	96.9	5.9
4	1.1	205.1	7.1
5	1.9	10.0	8.1
6	1.1	87.4	8.7
7	1.8	267.5	8.2
8	1.1	80.4	6.9
9	1.6	269.1	4.3
10	4.1	45.1	1.0
11	2.4	339.4	0.2
12	2.1	62.1	0.3
13	8.3	127.7	-0.3
14	5.3	112.2	-0.3
15	7.8	314.9	1.7
16	5.8	313.6	0.0
17	6.3	335.0	-0.4
18	5.0	326.5	-0.2
19	3.4	16.1	0.8
20	2.2	11.1	0.1
21	3.9	52.4	-0.1
22	4.0	40.4	0.9
23	4.3	12.1	0.1
24	6.6	354.0	0.0
1	7.5	355.4	1.5
2	7.6	352.8	1.1
3	8.0	355.9	0.7
4	6.3	352.4	0.2
5	7.2	344.5	0.0
6	7.4	338.6	0.0
7	8.2	345.9	-0.3
8	8.1	349.5	-0.2
9	9.3	339.7	-0.4
10	7.7	345.6	-0.3
11	9.0	341.3	-0.3
12	8.7	345.7	-1.2
13	7.4	330.2	-1.6
14	8.1	324.8	-0.4
15	10.8	324.2	-0.3
16	9.6	323.9	-0.3
17	8.7	325.5	-0.2

18	6.5	324.6	-0.2
19	6.2	325.0	-0.2
20	5.6	315.3	-0.3
21	3.8	319.1	-0.4
22	1.7	240.8	-0.4
23	3.8	188.4	-0.4
24	4.5	174.9	-0.0

STOP TIME

MAR 11, 1978

HOOR 23 MINUTE 49

RELEASE NUMBER 78011

CONTAINMENT PURGE

STARTING TIME MAR 16, 1978 HOUR 20 MINUTE 35			
TIME HOUR	WS10 MPH	WD10 DEG	DT100 DEG C
20	-99.0	127.3	-99.0
21	8.3	127.5	-99.0
22	8.0	128.2	-99.0
23	5.1	128.8	-99.0
24	5.9	128.7	-99.0
1	5.6	128.8	-99.0
2	6.2	129.0	-99.0
3	7.6	128.9	-99.0
4	6.7	128.9	-99.0
5	9.5	129.1	-99.0
6	7.8	129.7	-99.0
7	7.9	129.6	-99.0
8	7.0	130.1	-99.0
9	8.8	129.9	-99.0
10	7.3	129.5	-99.0
11	5.0	130.4	-99.0
12	4.8	131.1	-99.0
13	4.6	131.2	-99.0
14	-99.0	131.2	-99.0

STOP TIME MAR 17, 1978 HOUR 13 MINUTE 28

STARTING TIME MAR 17, 1978 HOUR 17 MINUTE 10			
TIME HOUR	WS10 MPH	WD10 DEG	DT100 DEG C
17	3.1	147.9	-99.0
18	1.8	171.6	-99.0
19	0.8	142.2	-99.0

STOP TIME MAR 17, 1978 HOUR 18 MINUTE 26

STARTING TIME MAR 17, 1978 HOUR 21 MINUTE 36			
TIME HOUR	WS10 MPH	WD10 DEG	DT100 DEG C
21	3.9	132.0	-99.0
22	4.6	128.4	-99.0
23	5.2	121.0	-99.0
24	6.4	128.2	-99.0
1	7.0	132.9	-99.0
2	9.8	139.8	-99.0
3	14.4	148.4	-99.0
4	14.9	149.0	-99.0
5	13.1	158.5	-99.0
6	12.5	154.1	-99.0
7	12.8	157.6	-99.0
8	10.5	151.8	-99.0
9	10.5	158.4	-99.0
10	13.6	175.3	-99.0
11	15.2	184.5	-99.0
12	8.3	188.9	-99.0
13	4.3	209.3	-99.0
14	3.6	245.9	-99.0
15	4.2	278.1	-99.0
16	6.7	291.9	-99.0
17	5.2	294.5	-99.0
18	6.2	298.3	-99.0
19	6.4	310.4	-99.0
20	4.8	310.6	-99.0
21	4.6	320.1	-99.0
22	1.5	326.4	-99.0
23	1.6	314.7	-99.0

STOP TIME MAR 18, 1978 HOUR 22 MINUTE 0

STARTING TIME MAR 19, 1978 HOUR 0 MINUTE 38			
TIME HOUR	WS10 MPH	WD10 DEG	DT100 DEG C
1	4.9	320.1	-99.0
2	2.7	314.3	-99.0
3	1.6	298.4	-99.0
4	0.8	282.4	-99.0
5	1.5	301.3	-99.0
6	1.4	314.0	-99.0
7	2.1	268.2	-99.0
8	-99.0	246.3	-99.0
9	-99.0	284.4	-99.0

STOP TIME MAR 19, 1978 HOUR 8 MINUTE 10

STARTING TIME				MAR 20, 1978	HOUR 0 MINUTE 20
TIME	WS10	WD10	DT100		
HOUR	MPH	DEG	DEG C		
1	4.2	137.4	-99.0		
2	3.5	135.7	-99.0		
3	1.5	134.3	-99.0		
4	2.4	140.7	-99.0		
5	3.1	133.8	-99.0		
6	6.6	135.0	-99.0		
7	5.2	125.4	-99.0		
8	3.8	141.2	-99.0		
9	7.3	169.3	-99.0		
10	8.2	178.8	-99.0		
11	6.3	206.8	-99.0		

STOP TIME MAR 20, 1978 HOUR 10 MINUTE 0

STARTING TIME		MAR 23, 1978		HOUR 15 MINUTE 50	
TIME HOUR	WS10 MPH	WD10 DEG	DT100 DEG C		
15	6.6	47.5	-99.0		
16	7.0	43.1	-99.0		
17	5.3	47.5	-99.0		
18	5.5	47.0	-99.0		
19	4.0	39.2	-99.0		
20	4.6	29.2	-99.0		
21	4.0	39.1	-99.0		
22	4.1	39.3	-99.0		
23	3.7	30.2	-99.0		
24	3.0	30.7	-99.0		
1	2.4	31.5	-99.0		
2	2.0	30.6	-99.0		
3	2.5	18.4	-99.0		
4	2.1	7.1	-99.0		
5	2.1	10.4	-99.0		
6	1.9	12.9	-99.0		
7	2.2	27.7	-99.0		
8	2.8	34.1	-99.0		
9	4.8	45.6	-99.0		
10	5.1	40.6	-99.0		
11	7.1	51.9	-99.0		
12	7.1	51.8	-99.0		
13	6.6	48.0	-99.0		
14	7.4	54.9	-99.0		
15	6.9	51.6	-99.0		
16	6.5	49.9	-99.0		
17	7.0	48.0	-99.0		
18	5.6	53.9	-99.0		
19	4.2	54.2	-99.0		
20	2.9	67.7	-99.0		
21	1.3	58.2	-99.0		
22	0.3	44.1	-99.0		
23	2.3	40.9	-99.0		
24	1.6	26.0	-99.0		
1	-99.0	20.2	-99.0		
2	-99.0	9.4	-99.0		
3	-99.0	15.8	-99.0		
4	-99.0	13.7	-99.0		
5	-99.0	355.8	-99.0		
6	1.2	0.2	-99.0		
7	1.4	339.3	-99.0		
8	2.6	349.6	-99.0		
9	3.7	357.0	-99.0		
10	3.2	357.3	-99.0		
11	3.4	356.3	-99.0		
12	3.9	344.9	-99.0		
13	5.0	341.9	-99.0		
14	5.6	343.9	-99.0		
15	5.1	357.6	-99.0		

16	6.0	5.3	-99.0
17	5.8	12.2	-99.0
18	4.4	3.3	-99.0
19	9.9	19.1	-99.0
20	8.4	18.3	-99.0
21	7.6	1.2	-99.0

STOP TIME MAR 25,1978 HOUR 20 MINUTE 6

STARTING TIME MAR 26,1978 HOUR 0 MINUTE 30

TIME HOUR	WS10 MPH	WD10 DEG	DT100 DEG C
1	-99.0	304.1	-99.0
2	-99.0	309.6	-99.0
3	-99.0	279.7	-99.0
4	-99.0	298.2	-99.0
5	-99.0	302.0	-99.0
6	-99.0	303.6	-99.0
7	-99.0	289.4	-99.0
8	3.0	289.2	-99.0

STOP TIME MAR 26,1978 HOUR 7 MINUTE 45

STARTING TIME MAR 30, 1978 HOUR 16 MINUTE 23			
TIME HOUR	WS10 MPH	WD10 DEG	DT100 DEG C
16	16.5	211.8	-99.0
17	13.9	207.9	-99.0
18	11.1	198.0	-99.0
19	8.4	184.2	-99.0
20	8.1	168.7	-99.0
21	11.2	168.0	-99.0
22	13.2	173.8	-99.0
23	13.0	178.4	-99.0
24	16.7	190.4	-99.0
1	17.4	195.2	-99.0
2	17.9	197.4	-99.0
3	18.2	196.2	-99.0
4	18.9	198.2	-99.0
5	17.9	197.2	-99.0
6	18.3	198.0	-99.0
7	21.1	196.4	-99.0
8	23.7	195.9	-99.0
9	24.0	200.5	-99.0
10	21.7	204.6	-99.0
11	17.1	206.3	-99.0
12	16.1	197.8	-99.0
13	16.3	194.4	-99.0
14	16.0	197.1	-99.0
15	17.3	206.6	-99.0
16	11.8	196.3	-99.0
17	16.8	281.4	-99.0
18	17.7	315.7	-99.0
19	14.0	316.0	-99.0
20	6.4	310.1	-99.0
21	3.0	296.7	-99.0
22	4.0	301.4	-99.0
23	7.6	320.2	-99.0
24	5.8	321.0	-99.0
1	8.0	321.7	-99.0
2	5.9	328.4	-99.0
3	5.4	330.9	-99.0
4	5.6	319.2	-99.0
5	3.7	323.3	-99.0
6	3.0	302.9	-99.0
7	2.8	310.5	-99.0
8	3.8	333.3	-99.0
9	5.9	343.9	-99.0
10	6.4	1.3	-99.0
11	4.1	20.7	-99.0
12	4.3	36.0	-99.0
13	3.6	49.9	-99.0
14	6.5	63.0	-99.0
15	5.1	54.9	-99.0
16	6.1	62.0	-99.0

17	6.0	73.3	-99.0
18	5.4	70.8	-99.0
19	3.1	78.3	-99.0
20	3.8	73.9	-99.0
21	4.6	58.0	-99.0
22	8.3	83.9	-99.0
23	6.6	75.1	-99.0
24	7.0	80.8	-99.0
1	6.0	80.6	-99.0
2	5.4	68.7	-99.0
3	2.3	62.6	-99.0
4	10.3	87.6	-99.0
5	15.8	106.4	-99.0
6	17.8	113.2	-99.0
7	20.3	120.2	-99.0
8	19.0	121.4	-99.0
9	15.4	125.8	-99.0
10	16.7	125.3	-99.0
11	17.2	127.0	-99.0
12	9.8	135.1	-99.0
13	-99.0	111.4	-99.0
14	-99.0	102.3	-99.0
15	-99.0	320.0	-99.0
16	-99.0	374.7	-99.0
17	-99.0	278.9	-99.0
18	-99.0	326.0	-99.0
19	-99.0	301.9	-99.0
20	-99.0	279.1	-99.0
21	-99.0	153.8	-99.0
22	-99.0	134.1	-99.0
23	-99.0	76.9	-99.0
24	-99.0	118.0	-99.0
1	-99.0	90.5	-99.0
2	-99.0	81.6	-99.0
3	-99.0	44.5	-99.0
4	-99.0	300.8	-99.0
5	-99.0	281.4	-99.0
6	-99.0	308.9	-99.0
7	-99.0	256.3	-99.0
8	-99.0	40.0	-99.0

STOP TIME APR 3, 1978 HOUR 7 MINUTE 30

STARTING TIME APR 6, 1978 HOUR 17 MINUTE 36			
TIME HOUR	WS10 MPH	WD10 DEG	DT100 DEG C
17	4.2	213.1	-99.0
18	4.7	204.8	-99.0
19	2.1	187.3	-99.0
20	2.7	170.5	-99.0
21	2.6	169.0	-99.0
22	2.8	151.4	-99.0
23	4.7	163.9	-99.0
24	8.0	173.1	-99.0
1	10.3	176.2	-99.0
2	10.2	173.2	-99.0
3	11.4	161.9	-99.0
4	9.3	150.4	-99.0
5	10.7	154.1	-99.0
6	6.7	148.5	-99.0
7	6.2	148.0	-99.0
8	5.2	122.6	-99.0
9	3.2	99.3	-99.0
10	7.8	101.8	-99.0
11	9.0	113.6	-99.0
12	2.6	91.9	-99.0
13	10.5	112.4	-99.0
14	13.1	104.5	-99.0
15	14.6	119.1	-99.0
16	11.8	120.0	-99.0
17	13.7	115.8	-99.0
18	10.3	117.1	-99.0
19	6.2	91.5	-99.0
20	6.8	81.0	-99.0
21	8.8	108.3	-99.0
22	16.9	162.5	-99.0
23	20.2	151.7	-99.0
24	8.5	184.4	-99.0
1	24.9	188.9	-99.0
2	7.0	125.1	-99.0
3	6.3	139.1	-99.0
4	5.2	36.3	-99.0
5	3.5	353.2	-99.0
6	1.7	76.9	-99.0
7	6.0	83.6	-99.0
8	8.7	76.8	-99.0
9	3.3	43.3	-99.0
10	4.9	109.3	-99.0
11	11.9	131.7	-99.0
12	16.9	127.5	-99.0
13	17.2	114.5	-99.0
14	16.5	126.5	-99.0
15	15.4	120.2	-99.0
16	8.0	105.6	-99.0
17	9.0	133.1	-99.0

18	10.5	142.5	-99.0
19	4.8	93.9	-99.0
20	1.6	95.5	-99.0
21	6.0	120.1	-99.0
22	7.3	153.9	-99.0
23	8.9	168.1	-99.0
24	10.1	162.9	-99.0
1	10.5	165.5	-99.0
2	10.4	194.4	-99.0
3	11.3	204.5	-99.0
4	9.7	206.4	-99.0
5	7.6	201.0	-99.0
6	4.5	160.5	-99.0
7	8.2	191.8	-99.0
8	11.5	167.8	-99.0

STOP TIME APR 9, 1978 HOUR 7 MINUTE 30

STARTING TIME

APR 13, 1978

HOUR 17 MINUTE 30

TIME HOUR	WS10 MPH	WD10 DEG	DT100 DEG C
17	1.3	184.1	-99.0
18	1.3	248.7	-99.0
19	0.3	104.0	-99.0
20	0.5	107.5	-99.0

STOP TIME

APR 13, 1978

HOUR 19 MINUTE 40

STARTING TIME

APR 14, 1978

HOUR 8 MINUTE 43

TIME HOUR	WS10 MPH	WD10 DEG	DT100 DEG C
8	1.8	63.2	-99.0
9	3.0	69.0	-99.0
10	5.0	75.6	-99.0
11	6.5	72.3	-99.0
12	7.3	71.5	-99.0
13	10.0	73.8	-99.0
14	8.1	69.8	-99.0
15	5.8	64.0	-99.0
16	5.4	67.6	-99.0
17	4.8	62.0	-99.0
18	3.3	59.9	-99.0
19	4.1	59.6	-99.0
20	3.6	59.4	-99.0
21	4.0	75.5	-99.0
22	2.2	81.8	-99.0
23	1.8	76.6	-99.0
24	1.5	83.5	-99.0
1	1.7	79.8	-99.0
2	0.2	52.3	-99.0
3	1.2	66.1	-99.0
4	0.8	83.5	-99.0
5	0.0	8.6	-99.0
6	0.1	21.1	-99.0
7	3.4	75.4	-99.0
8	6.4	86.8	-99.0
9	5.0	83.8	-99.0
10	6.6	84.0	-99.0
11	10.4	92.3	-99.0
12	14.1	94.8	-99.0
13	13.6	96.0	-99.0
14	10.8	87.9	-99.0
15	8.9	90.0	-99.0
16	5.8	85.3	-99.0
17	6.7	84.1	-99.0
18	7.0	84.5	-99.0

19	3.0	88.2	-99.0
20	4.4	77.8	-99.0
21	5.7	85.8	-99.0
22	6.2	89.8	-99.0
23	1.8	96.6	-99.0
24	3.2	62.1	-99.0
1	1.8	70.0	-99.0
2	2.5	78.6	-99.0
3	5.4	85.8	-99.0
4	4.3	83.2	-99.0
5	3.5	94.4	-99.0
6	3.1	85.3	-99.0
7	3.7	86.2	-99.0
8	2.1	83.7	-99.0

STOP TIME APR 16, 1978 HOUR 7 MINUTE 56

STARTING TIME		APR 21, 1978		HOUR 16 MINUTE 13	
TIME HOUR	WS10 MPH	WD10 DEG	DT100 DEG C		
16	9.2	114.2	-99.0		
17	9.5	117.6	-99.0		
18	8.8	120.9	-99.0		
19	7.4	125.1	-99.0		
20	2.4	120.5	-99.0		
21	2.2	101.5	-99.0		
22	3.2	104.7	-99.0		
23	4.7	105.3	-99.0		
24	7.0	110.8	-99.0		
1	7.9	114.3	-99.0		
2	8.1	116.9	-99.0		
3	11.5	109.6	-99.0		
4	11.7	114.4	-99.0		
5	10.4	109.0	-99.0		
6	10.5	121.7	-99.0		
7	6.9	111.7	-99.0		
8	9.6	98.7	-99.0		
9	13.3	96.3	-99.0		
10	14.9	106.0	-99.0		
11	15.8	110.5	-99.0		
12	13.6	116.5	-99.0		
13	11.7	118.7	-99.0		
14	13.0	120.3	-99.0		
15	11.8	126.7	-99.0		
16	11.6	123.2	-99.0		
17	11.1	124.8	-99.0		
18	11.4	131.3	-99.0		
19	8.2	145.5	-99.0		
20	5.4	140.6	-99.0		
21	7.9	188.1	-99.0		
22	8.5	189.6	-99.0		
23	7.9	196.3	-99.0		
24	9.1	204.5	-99.0		
1	10.4	207.4	-99.0		
2	11.1	212.9	-99.0		
3	9.6	208.9	-99.0		
4	11.9	216.7	-99.0		
5	12.6	234.1	-99.0		
6	14.5	241.7	-99.0		
7	14.3	230.9	-99.0		
8	12.4	231.4	-99.0		
9	13.4	238.1	-99.0		
10	14.5	246.5	-99.0		
11	13.9	248.1	-99.0		
12	15.2	253.2	-99.0		
13	18.1	263.2	-99.0		
14	15.5	259.0	-99.0		
15	16.3	260.3	-99.0		
16	12.3	290.4	-99.0		

17	12.7	285.0	-99.0
18	9.2	301.7	-99.0
19	4.2	301.6	-99.0
20	5.7	294.3	-99.0
21	3.0	274.8	-99.0
22	3.9	272.2	-99.0
23	4.5	264.1	-99.0
24	5.7	266.0	-99.0
1	5.5	272.2	-99.0
2	5.9	271.1	-99.0
3	6.2	298.4	-99.0
4	5.1	290.0	-99.0
5	5.1	289.8	-99.0
6	7.5	298.1	-99.0
7	8.0	297.9	-99.0
8	9.2	291.3	-99.0
9	11.2	295.3	-99.0
10	12.1	291.9	-99.0
11	13.5	295.6	-99.0

STOP TIME

APR 24, 1978

HOOR 10 MINUTE 0

STARTING TIME

APR 27, 1978

HOUR 17 MINUTE 32

TIME HOUR	WS10 MPH	WD10 DEG	DT100 DEG C
17	14.4	142.9	-99.0
18	10.8	134.4	-99.0
19	9.7	159.5	-99.0
20	9.8	130.1	-99.0
21	7.7	128.1	-99.0
22	9.8	127.4	-99.0
23	9.7	126.0	-99.0
24	7.9	128.4	-99.0
1	7.2	130.6	-99.0
2	7.9	128.3	-99.0
3	8.2	131.4	-99.0
4	8.7	136.4	-99.0
5	10.5	138.6	-99.0
6	15.5	137.8	-99.0
7	17.7	133.9	-99.0
8	14.5	130.4	-99.0
9	18.5	135.8	-99.0
10	15.7	136.3	-99.0
11	17.5	132.2	-99.0
12	19.5	130.6	-99.0
13	17.9	138.1	-99.0
14	14.9	139.1	-99.0
15	25.8	130.9	-99.0
16	21.4	86.4	-99.0
17	17.2	151.0	-99.0
18	14.2	140.3	-99.0
19	14.7	146.7	-99.0
20	7.7	128.1	-99.0
21	7.2	124.4	-99.0
22	6.5	128.1	-99.0
23	7.1	129.1	-99.0
24	10.4	126.0	-99.0
1	10.6	126.7	-99.0
2	11.6	128.9	-99.0
3	8.6	129.6	-99.0
4	6.4	134.3	-99.0
5	8.6	134.8	-99.0
6	10.0	133.0	-99.0
7	11.9	131.8	-99.0
8	16.0	131.2	-99.0
9	14.4	134.1	-99.0
10	10.8	130.5	-99.0
11	10.6	107.5	-99.0
12	12.7	124.8	-99.0
13	9.6	138.3	-99.0
14	11.7	114.0	-99.0
15	11.8	110.9	-99.0
16	12.8	115.1	-99.0
17	13.5	112.8	-99.0

18	12.9	106.5	-99.0
19	11.5	99.8	-99.0
20	11.8	101.5	-99.0
21	11.4	101.5	-99.0
22	13.1	108.2	-99.0
23	12.4	109.5	-99.0
24	11.2	94.9	-99.0
1	9.4	122.3	-99.0
2	9.1	112.7	-99.0
3	8.8	96.5	-99.0
4	6.5	83.0	-99.0
5	3.6	52.2	-99.0
6	4.0	64.4	-99.0

STOP TIME

APR 30, 1978

HOUR 5 MINUTE 52

STARTING TIME

MAY 4, 1978

HOUR 17 MINUTE 55

TIME HOUR	WS10 MPH	WD10 DEG	DT100 DEG C
17	7.4	74.6	-99.0
18	9.5	92.7	-99.0
19	11.2	120.3	-99.0
20	8.1	148.5	-99.0
21	6.5	139.4	-99.0
22	5.2	152.2	-99.0
23	3.4	251.3	-99.0
24	3.7	257.4	-99.0
1	3.6	295.8	-99.0
2	3.2	311.1	-99.0
3	4.0	330.2	-99.0
4	3.9	319.7	-99.0
5	2.4	289.9	-99.0
6	2.6	307.6	-99.0
7	2.0	288.5	-99.0
8	4.0	303.6	-99.0
9	4.8	352.7	-99.0
10	5.2	340.6	-99.0
11	5.8	1.3	-99.0
12	3.7	9.2	-99.0
13	3.8	262.3	-99.0
14	5.2	45.8	-99.0
15	5.1	64.9	-99.0
16	5.0	92.2	-99.0
17	4.9	59.5	-99.0
18	4.3	59.4	-99.0
19	5.0	76.5	-99.0
20	5.4	87.4	-99.0
21	10.3	110.9	-99.0
22	7.6	115.2	-99.0
23	6.0	123.0	-99.0
24	3.3	115.9	-99.0
1	2.2	97.7	-99.0
2	2.8	41.3	-99.0
3	1.9	36.0	-99.0
4	0.8	39.8	-99.0
5	1.1	104.9	-99.0
6	2.0	55.0	-99.0
7	3.9	74.8	-99.0
8	6.1	84.4	-99.0
9	8.4	89.8	-99.0
10	10.1	110.7	-99.0
11	11.5	104.6	-99.0
12	13.8	94.0	-99.0
13	17.2	98.3	-99.0
14	14.9	93.2	-99.0
15	12.3	97.7	-99.0
16	11.7	87.8	-99.0
17	10.2	82.4	-99.0

18	10.3	93.2	-99.0
19	8.8	80.4	-99.0
20	7.8	72.1	-99.0
21	7.6	82.9	-99.0
22	17.2	103.9	-99.0
23	18.0	105.9	-99.0
24	14.4	108.1	-99.0
1	13.3	107.6	-99.0
2	13.2	106.4	-99.0
3	10.7	100.0	-99.0

STOP TIME MAY 7, 1978 HOUR 2 MINUTE 34

STARTING TIME MAY 11, 1978 HOUR 17 MINUTE 30			
TIME HOUR	WS10 MPH	WD10 DEG	DT100 DEG C
17	2.7	299.4	-99.0
18	4.0	304.3	-99.0
19	3.7	306.0	-99.0
20	0.9	256.8	-99.0
21	1.5	283.3	-99.0
22	1.6	274.7	-99.0
23	1.6	145.3	-99.0
24	2.4	224.6	-99.0
1	4.7	210.4	-99.0
2	1.2	153.4	-99.0
3	2.1	111.5	-99.0
4	2.9	105.6	-99.0
5	8.9	211.2	-99.0
6	10.7	210.0	-99.0
7	11.1	226.9	-99.0
8	11.6	262.8	-99.0
9	9.8	277.9	-99.0
10	11.0	284.2	-99.0
11	11.2	293.5	-99.0
12	14.4	301.1	-99.0
13	16.3	311.6	-99.0
14	15.8	310.4	-99.0
15	18.8	321.1	-99.0
16	21.3	316.3	-99.0
17	21.4	311.1	-99.0
18	22.6	312.7	-99.0
19	27.8	314.9	-99.0
20	25.8	316.1	-99.0
21	26.1	319.7	-99.0
22	24.8	324.1	-99.0
23	22.8	325.7	-99.0
24	19.4	326.8	-99.0
1	22.1	324.3	-99.0
2	20.6	322.9	-99.0
3	19.9	322.4	-99.0
4	18.8	323.8	-99.0
5	17.2	324.9	-99.0
6	15.0	321.7	-99.0
7	18.2	323.1	-99.0
8	18.8	323.4	-99.0
9	18.1	324.9	-99.0
10	18.5	328.5	-99.0
11	18.3	330.6	-99.0
12	17.1	333.0	-99.0
13	17.5	332.2	-99.0
14	15.9	333.1	-99.0
15	16.5	327.2	-99.0
16	16.6	328.1	-99.0
17	15.3	328.5	-99.0

18	13.4	330.4	-99.0
19	12.6	327.3	-99.0
20	9.6	323.4	-99.0
21	7.3	322.9	-99.0
22	6.2	318.1	-99.0
23	5.8	319.3	-99.0
24	5.8	320.9	-99.0
1	6.1	315.5	-99.0
2	3.8	309.5	-99.0
3	5.4	312.4	-99.0
4	3.5	314.9	-99.0
5	3.3	309.0	-99.0
6	2.7	287.7	-99.0
7	2.4	312.9	-99.0
8	5.7	312.2	-99.0
9	5.2	318.3	-99.0
10	5.5	325.8	-99.0
11	6.4	331.4	-99.0
12	6.6	334.1	-99.0
13	7.4	332.3	-99.0
14	8.0	332.4	-99.0
15	7.9	333.0	-99.0
16	6.7	339.4	-99.0
17	7.0	339.8	-99.0
18	6.4	340.0	-99.0
19	4.4	351.0	-99.0
20	1.8	347.5	-99.0
21	1.0	275.9	-99.0
22	2.3	280.0	-99.0
23	1.9	286.6	-99.0
24	1.5	281.8	-99.0
1	1.3	251.0	-99.0
2	1.2	331.5	-99.0
3	1.4	272.9	-99.0
4	1.2	341.6	-99.0
5	3.1	295.7	-99.0
6	2.7	298.4	-99.0
7	1.6	309.2	-99.0
8	3.0	49.0	-99.0
9	6.1	69.7	-99.0
10	5.7	64.5	-99.0
11	5.2	67.0	-99.0
12	6.1	65.9	-99.0
13	7.3	82.1	-99.0
14	7.0	86.5	-99.0
15	6.8	81.9	-99.0
16	7.9	86.1	-99.0
17	8.0	87.2	-99.0
18	10.9	99.9	-99.0
19	9.5	98.2	-99.0
20	8.6	102.7	-99.0
21	9.3	116.3	-99.0
22	9.2	124.4	-99.0
23	-99.0	-99.0	-99.0
24	-99.0	-99.0	-99.0

1	-99.0	-99.0	-99.0
2	-99.0	-99.0	-99.0
3	-99.0	-99.0	-99.0
4	-99.0	-99.0	-99.0
5	-99.0	-99.0	-99.0
6	-99.0	-99.0	-99.0
7	-99.0	-99.0	-99.0
8	-99.0	-99.0	-99.0
9	-99.0	-99.0	-99.0
10	-99.0	-99.0	-99.0
11	-99.0	-99.0	-99.0
12	-99.0	-99.0	-99.0
13	-99.0	-99.0	-99.0
14	-99.0	-99.0	-99.0
15	-99.0	-99.0	-99.0
16	-99.0	-99.0	-99.0
17	-99.0	-99.0	-99.0
18	17.6	116.1	-99.0
19	13.2	111.0	-99.0
20	10.7	113.9	-99.0
21	9.1	118.9	-99.0
22	6.0	126.6	-99.0
23	5.1	139.8	-99.0
24	7.3	138.9	-99.0

STOP TIME MAY 16, 1978 HOUR 23 MINUTE 29

RELEASE NUMBER 78021

CONTAINMENT PURGE

STARTING TIME

MAY 19, 1978

HOUR 16 MINUTE 22

TIME HOUR	WS10 MPH	WD10 DEG	DT100 DEG C
16	10.2	181.5	-99.0
17	8.2	149.7	-99.0
18	6.2	175.2	-99.0
19	3.3	242.7	-99.0
20	2.2	59.8	-99.0
21	2.1	115.5	-99.0
22	2.6	6.5	-99.0
23	5.1	309.4	-99.0
24	7.8	320.3	-99.0
1	11.2	322.7	-99.0
2	10.8	322.5	-99.0
3	10.8	326.5	-99.0
4	11.5	325.0	-99.0
5	11.9	331.4	-99.0
6	9.9	327.0	-99.0
7	11.1	326.9	-99.0
8	12.7	317.2	-99.0
9	12.5	319.7	-99.0
10	11.4	322.3	-99.0
11	9.0	329.7	-99.0
12	8.2	335.9	-99.0
13	6.8	335.7	-99.0
14	8.3	332.2	-99.0
15	6.8	340.4	-99.0
16	7.9	333.6	-99.0
17	6.0	346.7	-99.0
18	5.8	344.9	-99.0
19	4.6	333.7	-99.0
20	3.0	300.0	-99.0
21	2.3	269.7	-99.0
22	2.1	260.9	-99.0
23	1.5	267.9	-99.0
24	1.7	275.8	-99.0

STOP TIME

MAY 20, 1978

HOUR 23 MINUTE 49

STARTING TIME				MAY 21, 1978	HOUR 18 MINUTE 10
TIME	WS10	WD10	DT100		
HOUR	MPH	DEG	DEG C		
18	10.6	144.0	-99.0		
19	11.1	138.8	-99.0		
20	7.3	137.4	-99.0		
21	7.6	135.8	-99.0		
22	7.9	149.8	-99.0		

STOP TIME MAY 21, 1978 HOUR 21 MINUTE 40

RELEASE NUMBER 78022

CONTAINMENT PURGE

STARTING TIME MAY 23, 1978 HOUR 18 MINUTE 20			
TIME HOUR	WS10 MPH	WD10 DEG	DT100 DEG C
18	6.5	101.5	-99.0
19	5.7	91.2	-99.0
20	4.8	106.4	-99.0
21	3.3	131.8	-99.0
22	2.3	122.2	-99.0
23	2.0	116.4	-99.0
24	1.0	121.2	-99.0
1	1.3	79.5	-99.0
2	2.6	104.9	-99.0
3	4.7	115.2	-99.0
4	4.5	120.4	-99.0
5	6.6	111.3	-99.0
6	7.9	118.3	-99.0
7	9.3	120.9	-99.0
8	12.8	131.0	-99.0
9	12.6	133.1	-99.0
10	13.1	133.8	-99.0
11	13.3	149.6	-99.0
12	12.4	163.0	-99.0
13	11.6	145.4	-99.0
14	10.4	144.6	-99.0
15	11.6	148.7	-99.0
16	12.0	149.0	-99.0
17	12.6	159.3	-99.0
18	13.1	171.7	-99.0
19	11.9	166.9	-99.0
20	10.4	148.2	-99.0
21	11.0	147.0	-99.0
22	10.5	147.0	-99.0
23	11.5	157.8	-99.0
24	12.1	161.8	-99.0
1	10.1	172.1	-99.0
2	10.4	204.6	-99.0
3	4.4	252.5	-99.0
4	1.6	113.0	-99.0
5	3.4	276.4	-99.0
6	10.7	147.2	-99.0
7	5.5	132.5	-99.0
8	14.0	136.7	-99.0
9	15.4	136.1	-99.0

STOP TIME

MAY 25, 1978

HOUR 8 MINUTE 25

STARTING TIME

MAY 25, 1978

HOUR 9 MINUTE 5

TIME HOUR	WS10 MPH	WD10 DEG	DT100 DEG C
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9	15.4	136.1	-99.0
10	15.2	163.1	-99.0
11	9.1	195.5	-99.0
12	8.7	198.4	-99.0
13	15.9	156.8	-99.0
14	15.4	166.4	-99.0
15	15.2	165.8	-99.0
16	15.4	171.8	-99.0
17	14.5	165.1	-99.0
18	15.5	156.5	-99.0
19	11.5	159.0	-99.0
20	12.6	163.3	-99.0
21	11.8	154.4	-99.0
22	10.4	153.2	-99.0
23	10.1	152.5	-99.0
24	8.6	149.8	-99.0
1	10.6	154.7	-99.0
2	10.1	149.9	-99.0
3	7.7	144.1	-99.0
4	7.4	170.6	-99.0
5	7.6	148.2	-99.0
6	5.9	136.2	-99.0
7	6.2	145.1	-99.0
8	5.6	142.6	-99.0
9	7.5	152.1	-99.0
10	8.4	154.2	-99.0
11	12.0	174.8	-99.0
12	12.9	189.1	-99.0
13	7.5	292.9	-99.0
14	4.9	235.4	-99.0
15	10.3	209.6	-99.0
16	10.2	202.1	-99.0

STOP TIME

MAY 26, 1978

HOUR 15 MINUTE 30

RELEASE NUMBER 78023

CONTAINMENT PURGE

STARTING TIME

MAY 30, 1978

HOUR 16 MINUTE 8

TIME HOUR	WS10 MPH	WD10 DEG	DT100 DEG C
16	10.2	156.5	-99.0
17	7.2	155.6	-99.0
18	4.6	116.8	-99.0
19	3.9	102.2	-99.0
20	4.6	90.0	-99.0
21	5.7	125.5	-99.0
22	5.3	171.8	-99.0
23	2.0	271.4	-99.0
24	1.5	133.3	-99.0
1	4.4	197.5	-99.0
2	3.2	252.1	-99.0
3	6.2	324.3	-99.0
4	3.2	271.4	-99.0
5	1.9	303.1	-99.0
6	14.2	319.7	-99.0
7	7.5	344.6	-99.0
8	4.1	347.4	-99.0
9	3.9	351.6	-99.0
10	6.9	331.8	-99.0
11	6.0	349.3	-99.0
12	5.6	16.4	-99.0
13	5.2	33.6	-99.0
14	3.4	29.5	-99.0
15	9.5	326.5	-99.0
16	10.0	324.9	-99.0
17	10.7	323.6	-99.0
18	10.5	325.3	-99.0
19	7.4	324.4	-99.0
20	5.4	332.0	-99.0
21	4.4	317.3	-99.0
22	5.2	323.3	-99.0
23	1.8	297.3	-99.0
24	2.0	278.4	-99.0
1	2.1	230.1	-99.0
2	2.1	225.6	-99.0
3	3.5	236.8	-99.0
4	4.0	227.6	-99.0
5	3.2	253.1	-99.0
6	3.7	279.1	-99.0
7	7.8	316.5	-99.0
8	12.0	329.4	-99.0
9	8.6	331.2	-99.0

STOP TIME

JUNE 1, 1978

HOUR 8 MINUTE 25

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STARTING TIME				JUNE 1, 1978	HOUR 8 MINUTE 52
TIME	WS10	WD10	DT100		
HOUR	MPH	DEG	DEG C		
8	12.0	329.4	-99.0		
9	8.6	331.2	-99.0		
10	10.4	324.9	-99.0		
11	10.9	322.0	-99.0		
12	10.8	323.4	-99.0		
13	10.7	324.1	-99.0		
14	10.3	327.6	-99.0		
15	11.9	326.8	-99.0		
16	11.9	329.9	-99.0		
17	10.1	334.0	-99.0		
18	9.6	324.9	-99.0		
19	8.1	328.7	-99.0		
20	5.5	328.0	-99.0		
21	2.4	318.7	-99.0		
22	1.0	260.4	-99.0		
23	2.9	318.7	-99.0		
24	2.4	298.0	-99.0		
1	2.1	297.8	-99.0		
2	2.5	298.0	-99.0		
3	2.8	295.5	-99.0		
4	1.6	199.2	-99.0		
5	0.7	184.8	-99.0		
6	1.0	266.5	-99.0		
7	0.9	280.8	-99.0		
8	1.2	359.2	-99.0		
STOP TIME				JUNE 2, 1978	HOUR 7 MINUTE 45

RELEASE NUMBER 78024

CONTAINMENT PURGE

STARTING TIME

JUNE 6, 1978

HOUR 12 MINUTE 45

TIME HOUR	WS10 MPH	WD10 DEG	DT100 DEG C
12	8.1	198.4	-99.0
13	9.2	210.0	-99.0
14	9.4	222.1	-99.0
15	8.6	220.4	-99.0
16	5.2	199.9	-99.0
17	6.2	146.2	-99.0
18	6.7	199.9	-99.0
19	6.9	172.2	-99.0
20	7.0	161.5	-99.0
21	5.7	181.5	-99.0
22	5.9	192.4	-99.0
23	6.7	191.9	-99.0
24	6.6	200.8	-99.0
1	7.2	205.9	-99.0
2	7.7	210.6	-99.0
3	6.7	204.2	-99.0
4	7.1	224.0	-99.0
5	1.9	120.5	-99.0
6	2.5	133.0	-99.0
7	6.2	243.6	-99.0
8	7.8	283.6	-99.0
9	16.8	315.1	-99.0
10	18.0	322.5	-99.0
11	16.2	322.1	-99.0
12	17.5	326.5	-99.0
13	14.4	332.7	-99.0
14	15.1	328.5	-99.0
15	15.2	329.8	-99.0
16	13.5	329.2	-99.0
17	13.7	327.3	-99.0
18	10.5	334.2	-99.0
19	7.5	343.0	-99.0
20	5.6	357.0	-99.0
21	2.6	342.2	-99.0
22	2.9	295.7	-99.0
23	3.8	307.3	-99.0
24	4.0	318.1	-99.0
1	4.4	316.3	-99.0

STOP TIME

JUNE 8, 1978

HOUR 0 MINUTE 37

STARTING TIME

JUNE 8, 1978

HOUR 0 MINUTE 49

TIME HOUR	WS10 MPH	WD10 DEG	DT100 DEG C
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1	4.4	316.3	-99.0
2	1.8	256.5	-99.0
3	2.5	269.4	-99.0
4	2.3	275.4	-99.0
5	1.7	266.8	-99.0
6	0.8	250.9	-99.0
7	0.8	264.1	-99.0
8	1.3	8.8	-99.0
9	2.5	51.2	-99.0
10	3.5	8.1	-99.0
11	4.4	306.4	-99.0
12	5.3	318.8	-99.0
13	5.3	302.2	-99.0
14	5.4	305.6	-99.0
15	5.3	338.1	-99.0
16	5.5	337.3	-99.0
17	5.2	313.7	-99.0
18	4.4	304.6	-99.0
19	3.3	308.6	-99.0
20	1.5	290.8	-99.0
21	1.0	180.6	-99.0
22	1.9	120.8	-99.0
23	1.6	138.9	-99.0
24	5.3	185.2	-99.0
1	4.5	196.1	-99.0
2	3.4	212.8	-99.0
3	7.6	209.4	-99.0
4	2.9	338.4	-99.0
5	2.6	310.5	-99.0
6	1.4	301.8	-99.0
7	0.5	215.7	-99.0
8	1.9	68.1	-99.0
9	3.5	75.1	-99.0
10	5.4	111.7	-99.0
11	9.5	168.3	-99.0
12	11.1	163.3	-99.0
13	11.5	181.6	-99.0
14	11.7	194.3	-99.0
15	12.3	192.2	-99.0
16	14.0	189.3	-99.0
17	14.8	184.0	-99.0
18	15.1	175.9	-99.0
19	13.5	169.7	-99.0
20	12.0	163.0	-99.0
21	11.3	163.0	-99.0
22	12.5	160.0	-99.0

STOP TIME

JUNE 9, 1978

HOUR 21 MINUTE 59

RELEASE NUMBER 78025

CONTAINMENT PURGE

STARTING TIME JUNE 11, 1978 HOUR 0 MINUTE 40

TIME	WS10	WD10	DT100
HOUR	MPH	DEG	DEG C

1	15.8	174.0	-99.0
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2	15.1	173.1	-99.0
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STOP TIME JUNE 11, 1978 HOUR 1 MINUTE 45

STARTING TIME JUNE 11, 1978 HOUR 2 MINUTE 4

TIME	WS10	WD10	DT100
HOUR	MPH	DEG	DEG C

2	15.1	173.1	-99.0
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3	15.8	167.3	-99.0
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4	6.6	169.7	-99.0
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STOP TIME JUNE 11, 1978 HOUR 3 MINUTE 36

RELEASE NUMBER 78026

CONTAINMENT PURGE

STARTING TIME JUNE 11, 1978 HOUR 20 MINUTE 10			
TIME HOUR	WS10 MPH	WD10 DEG	DT100 DEG C
20	12.2	323.3	-99.0
21	13.6	319.3	-99.0
22	14.0	323.7	-99.0
23	8.4	325.1	-99.0
24	5.9	320.0	-99.0
1	4.3	318.7	-99.0
2	2.8	306.3	-99.0
3	3.2	301.2	-99.0
4	4.0	301.2	-99.0

STOP TIME JUNE 12, 1978 HOUR 3 MINUTE 48

STARTING TIME JUNE 12, 1978 HOUR 6 MINUTE 55			
TIME HOUR	WS10 MPH	WD10 DEG	DT100 DEG C
6	7.2	302.7	-99.0
7	7.3	306.2	-99.0
8	8.3	304.2	-99.0
9	9.8	315.9	-99.0
10	10.5	320.4	-99.0
11	11.0	315.2	-99.0
12	12.1	319.3	-99.0
13	10.5	324.0	-99.0
14	9.7	331.8	-99.0
15	7.7	343.2	-99.0
16	6.3	348.3	-99.0
17	6.3	354.0	-99.0
18	5.0	343.7	-99.0
19	5.4	334.2	-99.0
20	2.8	346.3	-99.0
21	2.1	283.7	-99.0
22	2.1	271.8	-99.0
23	2.3	279.5	-99.0
24	0.7	269.6	-99.0
1	1.1	24.8	-99.0
2	2.2	287.5	-99.0
3	0.6	255.6	-99.0
4	3.0	117.5	-99.0
5	0.9	131.1	-99.0
6	1.0	102.3	-99.0
7	4.5	99.4	-99.0
8	9.3	127.4	-99.0
9	11.1	134.8	-99.0
10	10.1	147.5	-99.0
11	10.2	150.4	-99.0

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12	10.4	173.9	-99.0
13	10.5	163.1	-99.0
14	11.3	161.6	-99.0
15	13.0	147.9	-99.0
16	12.7	145.6	-99.0
17	12.8	153.7	-99.0
18	11.8	161.9	-99.0
19	10.3	151.4	-99.0
20	8.6	149.4	-99.0

STOP TIME

JUNE 13, 1978

HOUR 19 MINUTE 8

RELEASE NUMBER 78027

CONTAINMENT PURGE

STARTING TIME

JUNE 14, 1978

HOUR 14 MINUTE 50

TIME HOUR	WS10 MPH	WD10 DEG	DT100 DEG C
14	16.9	156.4	-99.0
15	18.8	166.5	-99.0
16	17.6	161.3	-99.0
17	19.7	166.3	-99.0
18	17.6	172.5	-99.0
19	15.2	172.9	-99.0
20	12.7	174.4	-99.0
21	14.4	183.7	-99.0
22	16.2	183.1	-99.0
23	15.9	185.0	-99.0
24	16.9	187.6	-99.0
1	17.5	193.7	-99.0
2	13.8	185.2	-99.0

STOP TIME

JUNE 15, 1978

HOUR 1 MINUTE 52

STARTING TIME

JUNE 15, 1978

HOUR 5 MINUTE 2

TIME HOUR	WS10 MPH	WD10 DEG	DT100 DEG C
5	11.0	123.4	-99.0
6	17.8	118.7	-99.0
7	22.3	125.2	-99.0
8	23.1	134.2	-99.0
9	24.2	135.6	-99.0
10	24.3	140.3	-99.0
11	22.3	144.0	-99.0
12	20.8	155.6	-99.0
13	18.4	156.2	-99.0
14	19.2	155.0	-99.0
15	17.5	159.4	-99.0
16	20.6	171.0	-99.0
17	18.2	175.6	-99.0

STOP TIME

JUNE 15, 1978

HOUR 16 MINUTE 26

RELEASE NUMBER 78028

CONTAINMENT PURGE

STARTING TIME

JUNE 18, 1978

HOUR 14 MINUTE 23

TIME HOUR	WS10 MPH	WD10 DEG	DT100 DEG C
14	5.4	232.9	-99.0
15	4.5	253.6	-99.0
16	3.9	178.2	-99.0
17	4.7	235.8	-99.0
18	4.5	213.8	-99.0
19	3.6	189.1	-99.0
20	1.2	128.6	-99.0
21	3.8	128.8	-99.0
22	5.1	134.4	-99.0
23	5.9	139.6	-99.0
24	8.6	159.3	-99.0
1	8.8	156.9	-99.0
2	8.3	165.0	-99.0
3	9.5	168.5	-99.0
4	9.1	181.3	-99.0
5	10.6	187.6	-99.0
6	10.7	186.1	-99.0
7	8.1	168.4	-99.0
8	9.8	158.5	-99.0
9	13.7	177.8	-99.0
10	18.9	178.4	-99.0
11	19.5	171.2	-99.0
12	18.8	166.2	-99.0
13	18.5	160.9	-99.0
14	18.5	157.7	-99.0

STOP TIME

JUNE 19, 1978

HOUR 13 MINUTE 16

STARTING TIME

JUNE 19, 1978

HOUR 13 MINUTE 35

TIME HOUR	WS10 MPH	WD10 DEG	DT100 DEG C
13	18.5	160.9	-99.0
14	18.5	157.7	-99.0
15	20.2	159.2	-99.0

STOP TIME

JUNE 19, 1978

HOUR 14 MINUTE 3

STARTING TIME				JUNE 19, 1978	HOUR 14 MINUTE 5
TIME	WS10	WD10	DT100		
HOUR	MPH	DEG	DEG C		
14	18.5	157.7	-99.0		
15	20.2	159.2	-99.0		
16	20.3	168.7	-99.0		

STOP TIME JUNE 19, 1978 HOUR 15 MINUTE 35

STARTING TIME				JUNE 19, 1978	HOUR 15 MINUTE 40
TIME	WS10	WD10	DT100		
HOUR	MPH	DEG	DEG C		
15	20.2	159.2	-99.0		
16	20.3	168.7	-99.0		
17	16.9	168.1	-99.0		

STOP TIME JUNE 19, 1978 HOUR 16 MINUTE 23

STARTING TIME		JUNE 22, 1978		HOUR 18 MINUTE 0	
TIME HOUR	WS10 MPH	WD10 DEG	DT100 DEG C		
18	8.0	126.7	-99.0		
19	9.1	129.3	-99.0		
20	3.4	118.8	-99.0		
21	2.5	62.4	-99.0		
22	4.8	103.9	-99.0		
23	4.4	118.8	-99.0		
24	5.5	118.0	-99.0		
1	4.6	108.4	-99.0		
2	3.2	126.2	-99.0		
3	2.2	100.5	-99.0		
4	1.0	94.6	-99.0		
5	3.1	148.0	-99.0		
6	4.8	134.2	-99.0		
7	4.1	125.8	-99.0		
8	4.4	148.2	-99.0		
9	4.9	149.4	-99.0		
10	6.7	128.3	-99.0		
11	6.4	116.3	-99.0		
12	6.0	113.2	-99.0		
13	5.3	93.4	-99.0		
14	7.0	91.3	-99.0		
15	9.2	118.2	-99.0		
16	6.9	109.9	-99.0		
17	6.2	110.9	-99.0		
18	3.2	105.8	-99.0		
19	1.5	48.9	-99.0		
20	0.4	116.0	-99.0		
21	0.4	267.2	-99.0		
22	0.6	319.8	-99.0		
23	1.3	270.9	-99.0		
24	0.5	271.3	-99.0		
1	1.0	121.9	-99.0		
2	2.9	116.3	-99.0		
3	2.5	76.6	-99.0		
4	2.7	120.8	-99.0		
5	6.1	126.6	-99.0		
6	7.1	115.0	-99.0		
7	6.1	112.6	-99.0		
8	5.2	139.8	-99.0		
9	3.2	160.4	-99.0		
10	3.6	81.3	-99.0		
11	2.9	60.6	-99.0		
12	3.2	51.2	-99.0		
13	5.0	87.5	-99.0		
14	7.0	105.4	-99.0		
15	10.6	123.4	-99.0		
16	9.6	144.9	-99.0		
17	9.3	149.0	-99.0		
18	9.3	164.3	-99.0		

19	5.1	146.0	-99.0
20	2.6	122.2	-99.0
21	6.6	164.2	-99.0
22	6.8	106.4	-99.0
23	6.8	139.4	-99.0
24	4.8	117.0	-99.0
1	4.0	117.4	-99.0
2	0.5	102.5	-99.0
3	1.7	192.3	-99.0
4	7.5	147.6	-99.0
5	5.0	120.4	-99.0
6	5.2	161.7	-99.0
7	9.5	336.1	-99.0
8	3.8	58.7	-99.0
9	6.3	104.2	-99.0
10	6.7	82.1	-99.0
11	10.8	134.5	-99.0
12	14.5	167.1	-99.0
13	15.0	165.1	-99.0
14	11.0	168.5	-99.0
15	10.4	168.1	-99.0
16	3.3	355.9	-99.0
17	1.7	358.8	-99.0
18	0.7	7.3	-99.0
19	1.0	25.7	-99.0
20	1.0	54.7	-99.0
21	0.9	355.5	-99.0
22	1.7	336.9	-99.0
23	5.1	327.6	-99.0
24	11.7	323.6	-99.0
1	5.2	41.2	-99.0
2	4.2	124.4	-99.0
3	16.8	180.3	-99.0
4	9.2	129.5	-99.0
5	6.5	203.9	-99.0
6	6.4	178.4	-99.0
7	4.2	337.7	-99.0
8	4.3	315.5	-99.0

STOP TIME JUNE 26, 1978 HOUR 7 MINUTE 11

RELEASE NUMBER 78030

CONTAINMENT PURGE

STARTING TIME JUNE 29, 1978 HOUR 17 MINUTE 50			
TIME HOUR	WS10 MPH	WD10 DEG	DT100 DEG C
17	10.2	166.6	-99.0
18	10.0	171.3	-99.0
19	7.0	162.0	-99.0
20	5.6	156.0	-99.0
21	4.8	147.0	-99.0
22	5.3	150.6	-99.0

STOP TIME JUNE 29, 1978 HOUR 21 MINUTE 45			
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STARTING TIME JUNE 29, 1978 HOUR 22 MINUTE 0			
TIME HOUR	WS10 MPH	WD10 DEG	DT100 DEG C
22	5.3	150.6	-99.0
23	6.6	144.4	-99.0
24	5.7	138.2	-99.0
1	5.6	134.8	-99.0
2	6.8	153.3	-99.0
3	7.8	165.7	-99.0
4	10.6	186.7	-99.0
5	11.1	194.0	-99.0
6	11.4	189.6	-99.0
7	11.9	197.9	-99.0
8	12.5	201.6	-99.0
9	13.2	198.8	-99.0
10	13.1	193.5	-99.0
11	13.1	188.5	-99.0
12	12.8	195.6	-99.0
13	13.3	186.8	-99.0
14	12.5	189.2	-99.0
15	13.1	179.6	-99.0
16	12.0	182.5	-99.0
17	12.3	177.3	-99.0
18	11.5	169.8	-99.0
19	9.9	176.0	-99.0
20	21.7	204.1	-99.0
21	10.2	182.4	-99.0
22	6.3	176.4	-99.0
23	7.8	186.6	-99.0
24	8.3	190.8	-99.0

STOP TIME JUNE 30, 1978 HOUR 24 MINUTE 0			
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RELEASE NUMBER 78001

DECAY TANK PURGE

STARTING TIME

JAN 11, 1978

HOUR 17 MINUTE 50

TIME HOUR	WS10 MPH	WD10 DEG	DT100 DEG C
17	7.1	172.2	-0.9
18	4.8	160.9	-0.7
19	3.6	162.4	-0.3
20	4.3	179.6	-0.7

STOP TIME

JAN 11, 1978

HOUR 19 MINUTE 45

RELEASE NUMBER 78002

DECAY TANK PURGE

STARTING TIME

JAN 17, 1978

HOUR 9 MINUTE 23

TIME HOUR	WS10 MPH	WD10 DEG	DT100 DEG C
9	2.1	272.6	0.4
10	1.5	310.5	-0.2
11	1.8	18.8	-0.6
12	3.0	108.1	-1.4
13	3.4	97.7	-1.4
14	3.3	105.1	-1.2
15	3.9	123.9	-1.1
16	5.3	130.9	-1.0
17	6.3	179.2	-0.9
18	4.9	183.2	-0.5
19	4.9	185.1	0.6
20	3.3	150.5	1.0
21	3.9	151.5	1.4
22	2.9	153.6	1.7
23	1.5	253.1	2.5
24	3.1	160.9	1.7
1	5.6	138.2	0.9
2	4.1	162.9	0.4
3	3.4	195.0	-0.5
4	4.7	212.3	-0.6
5	2.8	173.9	-0.7
6	3.6	124.5	-0.7
7	3.9	124.2	-0.4
8	3.8	131.7	-0.4
9	4.2	173.1	-0.9
10	6.4	207.1	-0.8
11	7.3	231.0	-0.8
12	5.2	260.2	-1.0
13	7.1	270.0	-0.9
14	6.9	285.6	-0.9
15	7.2	308.5	-0.9
16	11.1	320.4	-0.9
17	13.0	325.6	-0.9
18	13.2	329.0	-0.9
19	12.6	321.2	-0.9
20	12.7	324.9	-0.9
21	14.5	326.4	-0.9
22	14.1	325.9	-1.0
23	11.7	329.8	-1.0
24	11.5	330.7	-0.9
1	9.0	328.3	-0.9
2	10.7	331.8	-0.9
3	12.6	331.2	-1.0
4	10.1	330.4	-0.9
5	9.3	330.1	-0.9
6	11.2	327.2	-1.0
7	10.1	330.7	-0.9
8	11.0	328.6	-0.9
9	10.6	329.7	-0.9

10	10.5	333.2	-0.9
11	10.2	337.7	-1.1
12	12.3	329.2	-1.0
13	9.8	331.8	-1.0
14	11.7	325.9	-0.9
15	10.8	328.1	-0.9
16	8.2	337.2	-0.9
17	10.2	322.3	-0.5

STOP TIME JAN 19, 1978 HOUR 16 MINUTE 30

STARTING TIME JAN 22, 1978 HOUR 20 MINUTE 14			
TIME HOUR	WS10 MPH	WD10 DEG	DT100 DEG C
20	9.6	175.9	-0.2
21	18.9	202.7	0.5
22	19.6	206.8	0.8
23	9.1	177.1	0.1
24	6.2	162.9	-0.1
1	12.6	197.5	1.0
2	15.4	198.3	1.4
3	9.9	177.3	-0.0
4	9.8	181.1	-0.2
5	8.2	178.8	-0.2
6	7.6	174.4	-0.1
7	8.7	179.7	-0.1
8	8.7	177.7	-0.2
9	9.1	191.1	-0.3
10	9.2	180.9	-0.3
11	9.5	201.3	-0.4
12	9.0	192.4	-0.5
13	8.9	180.8	-0.5
14	9.5	190.4	-0.7
15	9.3	192.0	-0.6
16	8.5	188.0	-0.5
17	5.5	186.4	-0.6
18	5.2	161.9	-0.5
19	6.7	169.3	-0.3
20	6.6	172.7	-0.3
21	7.3	187.4	-0.4
22	7.3	195.5	-0.4
23	5.8	222.2	-0.4
24	6.4	226.8	-0.4
1	8.9	237.9	-0.5
2	7.5	267.3	-0.4
3	8.5	317.2	-0.4
4	8.9	325.2	-0.6
5	5.8	330.4	-0.6
6	5.3	327.8	-0.6
7	7.1	329.2	-0.6
8	7.5	322.3	-0.6

9	7.9	324.6	-0.6
10	6.6	330.7	-0.8
11	6.4	329.4	-0.9
12	6.4	321.8	-0.8
13	5.3	313.6	-1.1
14	5.5	309.9	-1.4
15	5.5	314.3	-1.7
16	4.2	272.4	-1.8
17	2.9	259.8	-1.2
18	2.0	201.6	-0.1
19	2.3	194.1	1.4
20	2.7	156.2	1.7
21	8.3	201.8	1.7
22	13.5	238.8	2.9
23	13.5	230.3	3.6
24	13.2	235.8	3.8
1	13.0	243.0	2.3
2	12.8	253.8	1.0
3	10.2	270.1	0.3
4	10.6	275.7	0.2
5	11.6	279.8	0.2
6	11.8	300.0	-0.0
7	23.8	327.5	-0.8
8	21.9	328.9	-0.9
9	23.0	324.7	-1.0
10	23.1	324.4	-1.1
11	23.6	323.4	-1.3
12	23.4	323.9	-1.4
13	26.3	323.9	-1.4
14	24.3	319.2	-1.5
15	23.5	324.4	-1.3
16	21.8	326.9	-1.2
17	21.9	318.4	-1.2
18	22.3	320.6	-1.0
19	22.0	316.9	-1.0
20	24.6	317.4	-1.0
21	27.3	315.8	-1.0
22	24.5	319.2	-1.0
23	24.6	320.1	-1.0

STOP TIME JAN 25, 1978 HOUR 22 MINUTE 10

STARTING TIME

APR 16, 1978

HOUR 10 MINUTE 36

TIME HOUR	WS10 MPH	WC10 DEG	DT100 DEG C
10	8.3	102.9	-99.0
11	7.4	101.1	-99.0
12	11.1	108.1	-99.0
13	12.6	110.3	-99.0
14	11.2	108.1	-99.0
15	11.2	108.9	-99.0
16	10.3	104.9	-99.0
17	10.2	99.1	-99.0
18	9.7	110.7	-99.0
19	8.8	101.6	-99.0
20	6.0	106.2	-99.0
21	5.8	111.3	-99.0
22	9.7	109.8	-99.0
23	11.2	108.3	-99.0
24	9.9	107.0	-99.0
1	12.7	109.8	-99.0
2	14.5	113.8	-99.0
3	11.0	118.1	-99.0
4	11.3	124.2	-99.0
5	13.9	114.9	-99.0
6	16.3	110.7	-99.0
7	12.3	114.0	-99.0
8	8.6	106.2	-99.0
9	6.7	86.7	-99.0
10	11.0	98.2	-99.0
11	12.5	98.2	-99.0
12	11.3	100.5	-99.0
13	11.3	105.3	-99.0
14	12.7	117.0	-99.0
15	17.1	111.2	-99.0
16	5.2	86.8	-99.0
17	1.5	63.2	-99.0
18	1.0	344.3	-99.0
19	3.5	317.9	-99.0
20	1.0	325.9	-99.0
21	1.6	308.1	-99.0
22	2.9	297.9	-99.0
23	3.6	296.9	-99.0
24	4.3	273.6	-99.0
1	5.1	271.1	-99.0
2	5.5	253.3	-99.0
3	7.2	251.9	-99.0
4	6.6	257.0	-99.0
5	7.3	265.6	-99.0
6	9.1	266.9	-99.0
7	10.9	269.9	-99.0
8	9.6	268.9	-99.0
9	10.2	267.8	-99.0
10	11.5	273.7	-99.0

11	10.1	280.0	-99.0
12	12.5	280.8	-99.0
13	12.7	285.7	-99.0
14	11.3	287.8	-99.0
15	13.8	287.4	-99.0
16	12.8	284.1	-99.0
17	16.6	299.0	-99.0
18	17.3	308.6	-99.0
19	21.0	314.7	-99.0
20	17.5	317.0	-99.0
21	16.0	318.6	-99.0
22	15.1	318.2	-99.0
23	13.1	325.2	-99.0
24	14.3	325.2	-99.0
1	13.9	325.7	-99.0
2	11.5	329.4	-99.0
3	11.6	320.5	-99.0
4	14.1	317.0	-99.0
5	11.4	319.3	-99.0
6	10.2	323.4	-99.0
7	11.1	323.4	-99.0
8	12.7	323.1	-99.0
9	8.9	326.4	-99.0
10	11.4	325.1	-99.0
11	14.5	319.7	-99.0
12	15.8	313.8	-99.0
13	18.5	311.2	-99.0
14	18.2	312.7	-99.0
15	15.9	314.4	-99.0
16	15.3	317.1	-99.0
17	12.6	320.8	-99.0
18	13.0	316.0	-99.0
19	15.0	314.4	-99.0
20	12.9	315.8	-99.0
21	11.5	320.4	-99.0
22	13.5	316.8	-99.0
23	8.6	320.3	-99.0

STOP TIME

APR 19, 1978

HOUR 22 MINUTE 58

STARTING TIME

APR 20, 1978

HOUR 1 MINUTE 34

TIME HOUR	WS10 MPH	WD10 DEG	DT100 DEG C
1	11.5	314.1	-99.0
2	8.1	317.1	-99.0
3	8.6	313.4	-99.0
4	8.2	318.1	-99.0
5	5.6	306.1	-99.0
6	5.6	307.4	-99.0
7	6.6	302.2	-99.0
8	6.3	300.8	-99.0
9	9.5	317.9	-99.0
10	8.9	315.0	-99.0
11	12.2	311.4	-99.0
12	11.1	308.2	-99.0
13	13.6	312.3	-99.0
14	12.0	313.2	-99.0
15	12.7	317.1	-99.0
16	9.1	323.3	-99.0
17	7.8	324.4	-99.0
18	7.4	321.2	-99.0
19	6.1	319.9	-99.0
20	5.8	300.3	-99.0
21	5.8	296.2	-99.0
22	3.3	297.5	-99.0
23	2.3	277.8	-99.0
24	2.0	286.8	-99.0
1	-99.0	284.9	-99.0
2	-99.0	283.4	-99.0
3	-99.0	275.8	-99.0
4	-99.0	286.8	-99.0
5	-99.0	273.6	-99.0
6	-99.0	294.3	-99.0
7	-99.0	306.4	-99.0

STOP TIME

APR 21, 1978

HOUR 6 MINUTE 37

RELEASE NUMBER 78004

DECAY TANK PURGE

STARTING TIME				MAY 9, 1978	HOUR 22 MINUTE 12
TIME	WS10	WD10	DT100		
HOUR	MPH	DEG	DEG C		
22	2.3	135.1	-99.0		
23	3.6	129.4	-99.0		
24	5.3	124.3	-99.0		
1	5.4	110.2	-99.0		
2	3.0	81.1	-99.0		
3	2.3	75.2	-99.0		
4	2.7	84.9	-99.0		
5	6.8	205.5	-99.0		
6	3.2	122.1	-99.0		
7	5.8	140.8	-99.0		
8	15.0	220.4	-99.0		
9	16.3	227.3	-99.0		
10	15.3	222.6	-99.0		
11	16.5	215.6	-99.0		
12	19.6	204.3	-99.0		
13	21.2	198.4	-99.0		
14	22.5	188.6	-99.0		
15	23.6	205.4	-99.0		
16	23.5	200.7	-99.0		
17	22.0	199.2	-99.0		
18	21.6	197.3	-99.0		
19	19.2	190.0	-99.0		
20	17.9	184.9	-99.0		

STOP TIME MAY 10, 1978 HOUR 19 MINUTE 45

RELEASE NUMBER 78005

DECAY TANK PURGE

STARTING TIME

JUNE 9, 1978

HOUR 22 MINUTE 0

TIME HOUR	WS10 MPH	WD10 DEG	DT100 DEG C
22	12.5	160.0	-99.0
23	13.7	162.2	-99.0
24	16.9	171.6	-99.0
1	18.7	181.7	-99.0
2	18.0	181.7	-99.0
3	16.9	178.8	-99.0
4	16.7	178.3	-99.0
5	16.4	172.0	-99.0
6	15.4	181.0	-99.0

STOP TIME

JUNE 10, 1978

HOUR 5 MINUTE 41

RELEASE NUMBER 78006

DECAY TANK PURGE

STARTING TIME

JUNE 10, 1978

HOUR 10 MINUTE 0

TIME HOUR	WS10 MPH	WD10 DEG	DT700 DEG C
10	21.1	187.4	-99.0
11	22.2	187.0	-99.0
12	22.4	188.4	-99.0
13	25.3	188.3	-99.0
14	22.8	188.1	-99.0
15	25.0	181.5	-99.0
16	24.1	181.5	-99.0
17	24.6	182.4	-99.0
18	25.2	182.6	-99.0
19	24.6	182.7	-99.0

STOP TIME

JUNE 10, 1978

HOUR 18 MINUTE 5

RELEASE NUMBER 78007

DECAY TANK PURGE

STARTING TIME JUNE 15, 1978 HOUR 21 MINUTE 11			
TIME HOUR	WS10 MPH	WD10 DEG	DT100 DEG C
21	13.4	147.5	-99.0
22	17.6	170.6	-99.0
23	18.4	183.1	-99.0
24	19.2	194.2	-99.0
1	19.2	198.7	-99.0
2	17.6	196.2	-99.0
STOP TIME JUNE 16, 1978 HOUR 1 MINUTE 32			

STARTING TIME JUNE 16, 1978 HOUR 8 MINUTE 30			
TIME HOUR	WS10 MPH	WD10 DEG	DT100 DEG C
8	13.0	183.5	-99.0
9	14.3	193.5	-99.0
10	13.0	201.3	-99.0
11	11.7	195.0	-99.0
12	10.5	172.2	-99.0
13	11.3	162.8	-99.0
STOP TIME JUNE 16, 1978 HOUR 12 MINUTE 31			

RELEASE NUMBER 78008

DECAY TANK PURGE

STARTING TIME JUNE 17, 1978

HOUR 8 MINUTE 48

TIME HOUR	WS10 MPH	WD10 DEG	DT100 DEG C
8	3.6	16.9	-99.0
9	8.7	344.9	-99.0
10	8.7	15.5	-99.0
11	8.1	7.0	-99.0
12	9.7	337.5	-99.0
13	9.3	336.8	-99.0
14	10.2	335.8	-99.0
15	11.3	334.6	-99.0
16	13.8	332.8	-99.0
17	12.7	332.2	-99.0
18	10.8	331.9	-99.0
19	8.7	332.4	-99.0
20	9.0	329.5	-99.0
21	7.6	328.5	-99.0
22	1.9	265.9	-99.0
23	2.5	297.7	-99.0
24	3.3	303.9	-99.0
1	4.4	314.6	-99.0
2	4.2	315.5	-99.0
3	4.1	312.7	-99.0
4	3.5	305.0	-99.0
5	2.6	299.7	-99.0

STOP TIME

JUNE 18, 1978

HOUR 4 MINUTE 7

RELEASE NUMBER 78009

DECAY TANK PURGE

STARTING TIME

JUNE 19, 1978

HOUR 16 MINUTE 48

TIME HOUR	WS10 MPH	WD10 DEG	DT100 DEG C
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16	20.3	168.7	-99.0
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17	16.9	168.1	-99.0
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18	13.1	166.7	-99.0
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19	11.7	151.3	-99.0
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20	14.4	145.9	-99.0
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21	11.4	46.3	-99.0
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22	9.3	198.6	-99.0
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23	6.3	143.3	-99.0
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24	5.4	174.6	-99.0
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1	2.6	248.6	-99.0
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2	3.8	279.4	-99.0
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3	6.2	289.5	-99.0
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4	10.1	323.3	-99.0
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STOP TIME

JUNE 20, 1978

HOUR 3 MINUTE 0

RELEASE NUMBER 78010

DECAY TANK PURGE

STARTING TIME JUNE 20, 1978

HOUR 10 MINUTE 42

TIME HOUR	WS10 MPH	WD10 DEG	DT100 DEG C
10	9.9	343.1	-99.0
11	9.5	344.9	-99.0
12	9.3	338.2	-99.0
13	6.2	340.8	-99.0
14	7.0	336.1	-99.0
15	6.5	338.5	-99.0

STOP TIME JUNE 20, 1978

HOUR 14 MINUTE 30

STARTING TIME JUNE 20, 1978

HOUR 16 MINUTE 0

TIME HOUR	WS10 MPH	WD10 DEG	DT100 DEG C
16	6.3	340.2	-99.0
17	6.5	336.3	-99.0
18	5.4	339.9	-99.0
19	4.2	341.7	-99.0
20	1.7	349.4	-99.0
21	0.6	217.1	-99.0
22	1.2	209.1	-99.0

STOP TIME JUNE 20, 1978

HOUR 21 MINUTE 38