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April 28, 2003

Document Control Desk
U. S. Nuclear Regulatory Commission
Washington, DC 20555

Dear Sir/Madam:

Subject: VIRGIL C. SUMMER NUCLEAR STATION
DOCKET NO. 50-395
OPERATING LICENSE NO. NPF-12
ANNUAL EFFLUENT AND WASTE DISPOSAL REPORT

Enclosed is the South Carolina Electric & Gas Company (SCE&G) Annual Effluent and Waste Disposal Report as required by 10CFR50.36a, Sections 6.9.18 and 6.14.2 of the Virgil C. Summer Nuclear Station Technical Specifications, and Section 1.6.2 of the Offsite Dose Calculation Manual (ODCM). This submittal covers the period of January 1 through December 31, 2002.

Should there be any questions, please contact us at your convenience.

Very truly yours,

Gregory H. Halnon

SBR/GHH/sr
Enclosure

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VIRGIL C. SUMMER
JENKINSVILLE, SOUTH CAROLINA

**ANNUAL EFFLUENT AND WASTE DISPOSAL REPORT
VIRGIL C. SUMMER NUCLEAR STATION**

**FOR THE OPERATING PERIOD
JANUARY 1, 2002 - DECEMBER 31, 2002**

APRIL 2003



Prepared by:

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ANNUAL EFFLUENT AND WASTE DISPOSAL REPORT

JANUARY – DECEMBER, 2002

VIRGIL C. SUMMER NUCLEAR STATION SOUTH CAROLINA ELECTRIC & GAS

This report is being submitted as a summary of quantities of radioactive liquid and gaseous effluents and solid waste released from the Virgil C. Summer Nuclear Station. This report satisfies the requirements in Sections 6.9.1.8 and 6.14.2 of Technical Specifications, Section 1.6.2 of the Offsite Dose Calculation Manual (ODCM), and 10CFR50.36(a). Also included is an assessment of radiation doses from plant releases.

A brief discussion of the Supplemental Information and Tables 1 through 5 is presented in Sections A through D. An evaluation of the radiological impact on man due to operation of the Virgil C. Summer Nuclear Station is presented in Section E and Table 6. There were no abnormal releases for the period. A summary of the meteorological data for 2002 is presented in Section G and Tables 7 and 8. There were no changes made to the Offsite Dose Calculation Manual (ODCM) during the 12-month period. Section I gives a summary of oil incineration during the year.

A. Supplemental Information

Regulatory limits for doses, dose rate and effluent concentration limits presented in Supplemental Information are from the Virgil C. Summer Nuclear Station ODCM and 40 CFR 190. Average energy (\bar{E}) is not applicable to the method for determining release rate limits for fission and activation gaseous effluents; therefore, it has been omitted.

B. Gaseous Effluents

Gaseous effluents released from ground level are summarized in Tables 1 and 2. An elevated release pathway does not exist at Virgil C. Summer Nuclear Station. Cumulative doses are discussed in Section E.

The errors for gaseous effluent totals are given as the square root of the sum of squares of counting errors and flow or volume measurement errors. A systematic error of 15% has been added to estimate total error.

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C. Liquid Effluents

Liquid effluents are summarized in Tables 3 and 4. Estimated total errors are expressed as in Section B above.

D. Solid Waste Shipments

Solid waste shipments are summarized in Table 5. Curie content of radioactive waste packages is determined by dose rates and/or gamma spectroscopy analysis of samples. The total error for each type of Curie content determination is conservatively estimated to be the sum of a 15% systematic error and a 20% photon response error for the detector used.

E. Radiological Impact on Man

Potential doses to the maximum exposed individual in the unrestricted area were calculated using measured plant gaseous effluents and meteorological data in accordance with the Offsite Dose Calculation Manual. The source term involved two (2) waste gas decay tank (WGDT) releases, 0.9 days of 6-inch Reactor Building purge releases, 15.9 days of 36-inch Reactor Building purge releases and a continuous 12-month Main Plant vent release. Oil incineration was run for 37.9 hours in 2002. Doses are summarized in Table 6. The total activities released are presented in Tables 1 and 2. The highest quarterly air doses to the maximum exposed individual due to noble gases were $1.65E-05$ and $1.32E-5$ mrad for gamma and beta, respectively, during the second quarter. The maximum quarterly organ dose attributed to the releases was $1.04E-03$ mrem for the second quarter. Cumulative annual dose was $2.68E-5$ mrad, $1.72E-5$ mrad and $1.04E-3$ mrem for gamma, beta, and organ dose, respectively.

Measured plant liquid effluent data was used to calculate estimates of doses to individuals in accordance with the Offsite Dose Calculation Manual. The source term consisted of the isotopic contents of 315 Waste Monitor Tank batch releases, 17 Condensate Backwash Receiver Tank batch releases, 1 NaOH batch releases, 16.7 days of Steam Generator Blowdown release and a continuous Turbine Building Sump release.

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Doses are summarized in Table 6 and total radioactivity released is described in Tables 3 and 4. The highest quarterly total body dose to the maximally exposed individual due to the release of radioactive liquid was $2.16\text{E-}3$ mrem during the first quarter. The highest organ dose was $2.31\text{E-}3$ mrem to the Liver for the first quarter. Cumulative annual doses for the hypothetical maximally exposed individual were $4.04\text{E-}3$ mrem for the total body and $4.24\text{E-}3$ mrem for the maximum annual organ (liver). The Liver was the maximum exposed organ for the first and fourth quarters and the GI-LLI for the second and third quarters.

Dose rates and concentrations were below the limits specified in Supplemental Information, Section 2a, b and c during all the effluent releases.

Radiation doses from radioactive effluents to members of the public due to their activities inside the site boundary were assessed in a manner different from that in the Offsite Dose Calculation Manual. Quarterly thermoluminescent dosimetry data from four (4) monitoring locations within the site boundary and eight (8) locations around the site boundary perimeter were analyzed and compared with respective pre-operational background and previous year history. Results showed that 2002 quarterly dose rates did not differ significantly from the pre-operational or 2001 dose rates. It was concluded that doses to members of the public inside the site boundary were indistinguishable from normal background dose.

Radiation doses from radioactive effluents to workers at the Fairfield Hydro Station for the 12-month period were calculated to be $1.26\text{E-}6$ and $8.09\text{E-}7$ mrad for gamma and beta, respectively.

Radiation doses from nearby uranium fuel cycle sources were not assessed. The ODCM, Sections 1.3.1 and B/1.3 establish a five (5) mile limit beyond which doses from nearby plants are insignificant. There are no uranium fuel cycle plants within a five (5) mile radius of Virgil C. Summer Nuclear Station.

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F. Abnormal Releases

During 2002, the plant had no abnormal releases.

G. Meteorology

The meteorology data for 2002 is summarized in Table 7, by quarter. The data are shown as joint frequency distributions of wind direction and speed by atmospheric stability class.

The wind direction and wind speed data used in the summary were acquired from the 10-meter level of the primary monitoring tower. Stability was determined by the primary differential temperature (61 to 10 meter).

The combined annual data recovery for wind direction, wind speed and stability was 83.2%. Primary variable recovery rates were as follows: wind direction (10 m) – 83.2%, wind speed (10 m) – 94.9%, and differential temperature (61 - 10 m) – 96.1%.

H. Offsite Dose Calculation Manual

The Virgil C. Summer Nuclear Station (VCSNS) Offsite Dose Calculation Manual (ODCM) was not revised during the affected 12-month period.

I. Oil Incineration

The incinerator operated for a period of 37.9 hours, burning 368 gallons of oil at 9.7 gal/hr. The incinerated oil contained concentrations of $2.38\text{E-}06$ uCi/ml Co-60, $6.52\text{E-}09$ uCi/ml Mn-54, $1.13\text{E-}06$ uCi/ml Fe-55, and $2.33\text{E-}07$ uCi/ml Cs-137. The dose to the maximum exposed individual from the incinerated oil was $3.88\text{E-}05$ mrem.

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during troubleshooting to determine the cause of intermittent spiking events with the monitor. An improper resistor in the monitor's rate meter module and channel crossover interference from other modules in the same rack contributed the overall problem and required an extensive amount of trouble shooting and research to resolve. There were no effluents released from this pathway during the out of service period.

SUPPLEMENTAL INFORMATION

1. Regulatory Limits:

a. Fission and Activation Gases:

The air dose to an individual due to noble gases released in gaseous effluents shall be limited to less than or equal to 5 mrad for gamma radiation and 10 mrad for beta radiation during any calendar quarter and 10 mrad for gamma radiation and 20 mrad for beta radiation during any calendar year (ODCM, Section 1.2.3.1).

b. Iodines, Particulates (half-lives > 8 days) and Tritium:

The dose to an individual from radioiodines, tritium and radioactive materials in particulate form with half-lives greater than 8 days in gaseous effluents shall be limited to less than or equal to 7.5 mrem to any organ during any calendar quarter and 15 mrem to any organ during any calendar year (ODCM, Section 1.2.4.1).

c. Liquid Effluents:

The dose or dose commitment to an individual from radioactive materials in liquid effluents released shall be limited to less than or equal to 1.5 mrem to the total body and 5 mrem to any organ during any calendar quarter and 3 mrem to the total body and 10 mrem to any organ during any calendar year (ODCM, Section 1.1.3.1).

d. All Sources:

The annual dose equivalent shall not exceed 25 mrem to the whole body, 75 mrem to the thyroid and 25 mrem to any other organ (40 CFR 190).

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d. All Sources:

The annual dose equivalent shall not exceed 25 mrem to the whole body, 75 mrem to the thyroid and 25 mrem to any other organ (40 CFR 190).

2. Dose Rate and Effluent Concentration Limits:

a. Fission and Activation Gases

The dose rate in unrestricted areas due to radioactive materials released in gaseous effluents shall be limited to less than or equal to 500 mrem/year to the total body and less than or equal to 3000 mrem/year to the skin (ODCM, Section 1.2.2.1).

b. Iodines, Particulates (half-lives > 8 days) and Tritium:

The dose rate in unrestricted areas due to radioactive materials in effluents shall be limited to less than or equal to 1500 mrem/year to any organ (ODCM, Section 1.2.2.1).

c. Liquid Effluents:

The concentration of radioactive materials released from the site shall be limited to the concentrations specified in 10 CFR 20, Appendix B, Table 2, Column 2 for radionuclides other than dissolved or entrained noble gases. For dissolved or entrained noble gases, the concentration shall be limited to $2E-4$ $\mu\text{Ci/ml}$ total activity (ODCM, Section 1.1.2.1).

3. Average Energy:

Not Applicable

4. Measurements and Approximations of Total Radioactivity:

a. Fission and activation gases: Gamma spectrometry (HPGe)

b. Iodines: Gamma spectrometry (HPGe)

c. Particulates: Gamma spectrometry (HPGe), beta proportional counting, alpha proportional counting

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- d. Tritium: Liquid scintillation
 - e. Liquid effluents: Gamma spectrometry (HPGe), liquid scintillation (H-3), beta proportional counting, alpha proportional counting
5. Batch Releases:
- a. Gaseous:
 - 1. Number of batch releases: 2
 - 2. Total time period for batch releases: 406 min
 - 3. Maximum time period for a batch release: 343 min
 - 4. Average time period for a batch release: 203 min
 - 5. Minimum time period for a batch release: 63 min
 - b. Liquid:
 - 1. Number of batch releases:
 - 140 For first quarter, 2002
 - 111 For second quarter, 2002
 - 45 For third quarter, 2002
 - 37 For fourth quarter, 2002
 - 2. Total time period for batch releases:
 - 1.12E+4 min. for first quarter, 2002
 - 8.65E+3 min. for second quarter, 2002
 - 3.63E+3 min. for third quarter, 2002
 - 2.92E+3 min. for fourth quarter 2002

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3. Maximum time period for a batch release:

9.50E+1 min. for first quarter, 2002
9.50E+1 min. for second quarter, 2002
1.00E+2 min. for third quarter, 2002
8.40E+1 min. for fourth quarter, 2002
4. Average time period for batch releases:

7.98E+1 min. for first quarter, 2002
7.80E+1 min. for second quarter, 2002
8.06E+1 min. for third quarter, 2002
7.88E+1 min. for fourth quarter, 2002
5. Minimum time period for a batch release:

5.20E+1 min. for first quarter, 2002
2.10E+1 min. for second quarter, 2002
1.00E+0 min. for third quarter, 2002
7.30E+1 min. for fourth quarter, 2002
6. Average stream flow during periods of release of effluent into a flowing stream for 2002:

5.44E+6 gpm for first quarter, 2002
5.77E+6 gpm for second quarter, 2002
1.03E+7 gpm for third quarter, 2002
6.11E+6 gpm for fourth quarter, 2002

6. Abnormal Releases:

a. Gaseous:

1. Number of releases: 0
2. Total activity released: 0

b. Liquid:

1. Number of releases: 0
2. Total activity released: 0

ANNUAL EFFLUENT AND WASTE DISPOSAL REPORT
January - December 2002

*Virgil C. Summer Nuclear Station
South Carolina Electric & Gas*

Table 1
Gaseous Effluents Summation of All Releases

	UNITS	FIRST QUARTER	SECOND QUARTER	THIRD QUARTER	FOURTH QUARTER	2002 TOTAL	EST. ERROR %
A. Fission & Activation Gases							
1. Total release	Ci	6.66E-03	4.74E-02	0.00E+00	2.76E-04	5.43E-02	26.28
2. Average release rate	uCi / sec	8.57E-04	6.02E-03	0.00E+00	3.47E-05	1.72E-03	
3. Percent ODCM Qtr. gamma air dose limit	%	2.07E-04	3.29E-04	0.00E+00	1.13E-07	N/A	
4. Percent ODCM annual gamma air dose limit	%	1.03E-04	2.68E-04 *	2.68E-04 *	2.68E-04 *	2.68E-04	
5. Percent ODCM Qtr. beta air dose limit	%	3.89E-05	1.32E-04	0.00E+00	9.47E-07	N/A	
6. Percent ODCM annual beta air dose limit	%	1.95E-05	8.55E-05 *	8.55E-05 *	8.60E-05 *	8.60E-05	
B. Iodines							
1. Total iodine - 131	Ci	0.00E+00	2.26E-06	0.00E+00	0.00E+00	2.26E-06	80.75
2. Average release	uCi / sec	0.00E+00	2.88E-07	0.00E+00	0.00E+00	7.16E-08	
C. Particulates							
1. Particulates with half - lifes > 8 days	Ci	0.00E+00	2.64E-07	0.00E+00	0.00E+00	2.64E-07	78.50
2. Average release rate	uCi / sec	0.00E+00	3.36E-08	0.00E+00	0.00E+00	8.37E-09	
3. Gross alpha radioactivity	Ci	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
D. Tritium							
1. Total release	Ci	5.91E-04	1.89E+00	0.00E+00	0.00E+00	1.89E+00	49.08
2. Average release rate	uCi / sec	7.60E-05	2.40E-01	0.00E+00	0.00E+00	5.99E-02	
E. Organ Dose (from B, C, and D)							
1. Percent ODCM Qtr. organ dose limit	%	4.15E-06	1.38E-02	0.00E+00	0.00E+00	N/A	
2. Percent ODCM annual organ dose limit	%	2.08E-06	6.92E-03 *	6.92E-03 *	6.92E-03 *	6.92E-03	

* Cumulative

**ANNUAL EFFLUENT AND WASTE DISPOSAL REPORT
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TABLE 2**

GASEOUS EFFLUENTS - GROUND-LEVEL RELEASES

Continuous Mode Batch Mode

Nuclides Released	Units	Continuous Mode				Batch Mode			
		First Quarter	Second Quarter	Third Quarter	Fourth Quarter	Annual Total	First Quarter	Second Quarter	Third Quarter

1 Fission gases

Krypton-85	Cl	0	0	0	0	2.05E-04	0	0	0	2.05E-04	4.10E-04
Krypton-85m	Cl	0	0	0	0	0	0	0	0	0	0
Krypton-87	Cl	0	0	0	0	0	0	0	0	0	0
Krypton-88	Cl	0	0	0	0	0	0	0	0	0	0
Xenon-133	Cl	9.32E-04	4.00E-02	0	0	4.09E-02	0	0	0	7.03E-05	7.03E-05
Xenon-135	Cl	0	0	0	0	0	0	0	0	0	0
Xenon-135m	Cl	0	0	0	0	0	0	0	0	0	0
Xenon-138	Cl	0	0	0	0	0	0	0	0	0	0
Other: Ar-41	Cl	5.52E-03	7.35E-03	0	0	1.29E-02	0	0	0	0	0
Unidentified: None	Cl	0	0	0	0	0	0	0	0	0	0
Total for Period	Cl	6.46E-03	4.74E-02	0	0	5.38E-02	2.05E-04	0	0	2.76E-04	4.80E-04

2 Iodines and other halogens

Iodine-131	Cl	0	2.26E-06	0	0	2.26E-06	0	0	0	2.26E-06	0
Iodine-132	Cl	0	1.62E-05	0	0	1.62E-05	0	0	0	1.62E-05	0
Iodine-133	Cl	0	0	0	0	0	0	0	0	0	0
Br-82	Cl	0	8.77E-08	0	0	8.77E-08	0	0	0	8.77E-08	0
Unidentified: None	Cl	0	0	0	0	0	0	0	0	0	0
Total for Period	Cl	0	1.86E-05	0	0	1.86E-05	0	0	0	1.86E-05	0

3 Particulates

Cromium-51	Cl	0	0	0	0	0	0	0	0	0	0
Cobalt-58	Cl	0	7.63E-08	0	0	7.63E-08	0	0	0	7.63E-08	0
Cobalt-60	Cl	0	0	0	0	0	0	0	0	0	0
Strontium-89	Cl	0	0	0	0	0	0	0	0	0	0
Strontium-90	Cl	0	0	0	0	0	0	0	0	0	0
Niobium-95	Cl	0	0	0	0	0	0	0	0	0	0
Cesium-134	Cl	0	0	0	0	0	0	0	0	0	0
Cesium-137	Cl	0	1.88E-07	0	0	1.88E-07	0	0	0	1.88E-07	0
Other: Os-191	Cl	0	0	0	0	0	0	0	0	0	0
Unidentified: None	Cl	0	0	0	0	0	0	0	0	0	0
Total for Period	Cl	0	2.64E-07	0	0	2.64E-07	0	0	0	2.64E-07	0

**ANNUAL EFFLUENT AND WASTE DISPOSAL REPORT
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*Virgil C. Summer Nuclear Station
South Carolina Electric & Gas*

**TABLE 3
Liquid Effluents Summation of All Releases**

	UNITS	FIRST QUARTER	SECOND QUARTER	THIRD QUARTER	FOURTH QUARTER	2002 TOTAL	EST. ERROR %
A. Fission & Activation Products							
1. Total release	Ci	2.80E-02	1.46E-02	4.74E-03	3.93E-03	5.12E-02	56.00
2. Average diluted concentration	uCi/ml	6.94E-11	3.88E-11	1.18E-11	1.19E-11	3.39E-11	
B. Tritium							
1. Total release	Ci	1.59E+02	1.41E+02	3.71E+01	5.57E+00	3.42E+02	18.46
2. Average diluted concentration	uCi/ml	3.93E-07	3.74E-07	9.25E-08	1.69E-08	2.26E-07	
C. Dissolved and entrained gases							
1. Total release	Ci	1.11E-03	2.12E-03	3.29E-04	0.00E+00	3.56E-03	23.96
2. Average diluted concentration	uCi/ml	2.76E-12	5.65E-12	8.20E-13	0.00E+00	2.36E-12	
3. Percent ODCM limit	%	1.38E-06	2.82E-06	4.10E-07	0.00E+00	1.18E-06	
D. Gross alpha radioactivity							
1. Total release	Ci	0	0	0	0	0	N/A
E. ODCM limits (from A and B)							
1. Percent of ODCM Qtr total body limit	%	1.44E-01	1.11E-01	1.05E-02	4.31E-03	N/A	
2. Percent of ODCM annual total body limit	%	7.19E-02	1.27E-01 *	1.33E-01 *	1.35E-01 *	1.35E-01 *	
3. Percent of ODCM Qtr max. organ limit**	%	4.62E-02	3.58E-02	3.41E-03	1.44E-03	N/A	
4. Percent of ODCM annual max. organ limit**	%	2.31E-02	4.10E-02 *	4.27E-02 *	4.34E-02 *	4.34E-02 *	
E. Volume of waste released (undiluted)	liters	1.15E+07	4.02E+07	9.19E+06	1.08E+07	7.17E+07	3.0
F. Volume of dilution water	liters	4.04E+11	3.76E+11	4.01E+11	3.30E+11	1.51E+12	4.3

* Cumulative

** See page 3 for max. organ for each quarter and cumulative.

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*Virgil C. Summer Nuclear Station
South Carolina Electric & Gas*

**TABLE 4
LIQUID EFFLUENTS**

Nucleides Released*	Units	Continuous Mode					Batch Mode								
		First Quarter	Second Quarter	Third Quarter	Fourth Quarter	Annual Total	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	Annual Total				
Strontium-89	Cl	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Strontium-90	Cl	0	0	0	0	0	1.46E-06	3.19E-06	1.37E-06	6.02E-06	0	0	0	0	1.52E-06
Cesium-134	Cl	0	0	0	0	0	1.52E-06	0	0	0	0	0	0	0	0
Cesium-137	Cl	0	0	0	0	0	5.68E-04	1.58E-04	1.45E-08	3.70E-05	7.63E-04	0	0	0	0
Iodine-131	Cl	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cobalt-58	Cl	0	0	0	0	0	5.62E-04	1.17E-03	3.64E-04	5.26E-04	2.62E-03	0	0	0	0
Cobalt-60	Cl	0	0	0	0	0	1.03E-02	2.36E-03	3.83E-04	4.10E-04	1.35E-02	0	0	0	0
Iron-59	Cl	0	0	0	0	0	0	3.65E-05	1.23E-06	0	3.77E-05	0	0	0	0
Zinc-65	Cl	0	0	0	0	0	0	0	0	1.04E-05	1.04E-05	0	0	0	0
Manganese-54	Cl	0	0	0	0	0	1.36E-03	3.01E-04	4.21E-05	6.49E-05	1.77E-03	0	0	0	0
Chromium-51	Cl	0	0	0	0	0	0	7.32E-04	7.39E-05	0	8.06E-04	0	0	0	0
Zirconium-Niobium-95	Cl	0	0	0	0	0	4.34E-06	1.14E-04	1.87E-05	0	1.37E-04	0	0	0	0
Molybdenum-99	Cl	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Technetium-99m	Cl	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Barium-Lanthanum-140	Cl	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cerium-141	Cl	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other:		0	0	0	0	0	0	0	0	0	0	0	0	0	0
Na-24	Cl	0	0	0	0	0	1.50E-02	8.59E-03	3.70E-03	2.70E-03	3.00E-02	0	0	0	0
Fe-55	Cl	0	0	0	0	0	3.33E-05	2.15E-07	0	5.66E-06	3.92E-05	0	0	0	0
Ce-57	Cl	0	0	0	0	0	5.97E-06	4.12E-06	0	0	1.01E-05	0	0	0	0
Br-82	Cl	0	0	0	0	0	1.18E-05	3.95E-06	6.99E-06	7.57E-06	3.03E-05	0	0	0	0
Ag-110m	Cl	0	0	0	0	0	0	1.54E-06	0	5.27E-07	2.07E-06	0	0	0	0
Sr-113	Cl	0	0	0	0	0	0	1.72E-05	3.32E-06	0	2.05E-05	0	0	0	0
Sn-117m	Cl	0	0	0	0	0	0	5.90E-06	0	0	5.90E-06	0	0	0	0
Sb-124	Cl	0	0	0	0	0	1.32E-04	2.33E-05	2.40E-05	8.76E-05	2.67E-04	0	0	0	0
Sb-125	Cl	0	0	0	0	0	0	1.03E-03	1.23E-04	7.78E-05	1.23E-03	0	0	0	0
Te-125m	Cl	0	0	0	0	0	0	0	1.17E-06	0	1.17E-06	0	0	0	0
I-133	Cl	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Unidentified: None	Cl	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total for Period (above)	Cl	0	0	0	0	0	2.80E-02	1.45E-02	4.74E-03	3.93E-03	5.12E-02	0	0	0	0
Xenon-133	Cl	0	0	0	0	0	1.11E-03	1.96E-03	3.20E-04	0	3.39E-03	0	0	0	0
Xenon-135	Cl	0	0	0	0	0	1.20E-06	1.01E-05	9.07E-06	0	2.04E-05	0	0	0	0
Other:		0	0	0	0	0	0	1.74E-06	0	0	1.74E-06	0	0	0	0
Ar-41	Cl	0	0	0	0	0	0	1.41E-04	0	0	1.41E-04	0	0	0	0
Kr-85	Cl	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Xe-131m	Cl	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Xe-133m	Cl	0	0	0	0	0	0	7.22E-06	0	0	7.22E-06	0	0	0	0
Unidentified: None	Cl	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Entrained Gases	Cl	0	0	0	0	0	1.11E-03	2.12E-03	3.29E-04	0	3.56E-03	0	0	0	0

*Tritium not included. See Table 3 for tritium numbers

ANNUAL EFFLUENT AND WASTE DISPOSAL REPORT
January - December, 2002

Virgil C. Summer Nuclear Station
South Carolina Electric & Gas

Table 5
SOLID WASTE AND IRRADIATED FUEL SHIPMENTS

A. Solid Waste Shipped Offsite for Burial or Disposal (Not irradiated fuel).

1.	Type of Waste	Unit	2002 Total	Est. Total Error, %
	a. Spent resins, filter sludges, evaporator bottoms, etc.	m3 Ci	9.12 48.82	3.5E+01
	b. Dry compressible waste contaminated equip., etc.	m3 Ci	10.05 3.98	3.5E+01
	c. Irradiated components, control rods, etc.	m3 Ci	0 0	N/A
	d. Other (describe)	m3 Ci	0 0	N/A

2. Estimate of major nuclide composition for the year (by type of waste) for concentrations above 1.0% (listed in descending order by activity level).

a.	Ni-63	%	79.15
	Co-60	%	12.11
	Fe-55	%	5.50
	Ni-59	%	1.00
b.	Fe-55	%	66.79
	Ni-63	%	16.46
	Co-60	%	10.31
	Mn-54	%	2.50
	C-14	%	2.27
	Cs-137	%	1.15
c.	None	%	N/A
d.	None	%	N/A

3A. Solid waste Disposition

Numbers of Shipments	Mode of Transportation	Destination
3	Truck	Clive, Ut
37*	Truck	Clive, Ut
2	Truck	Barnwell, S.C.

* Note: 37 are partial shipments of DAW from waste processor to Clive,Ut.

3B. Irradiated Fuel Shipments (Disposition)

Number of Shipments	Mode of Transportation	Destination
0	N/A	N/A

ANNUAL EFFLUENT AND WASTE DISPOSAL REPORT

JANUARY - DECEMBER 2002

Virgil C. Summer Nuclear Station
South Carolina Electric & Gas

Table 6
GASEOUS AND LIQUID DOSES

ODCM Section	GASEOUS LIMITS	FIRST QUARTER		SECOND QUARTER		THIRD QUARTER		FOURTH QUARTER		TOTAL ANNUAL DOSE
		DOSE	Percent of Limit	DOSE	Percent of Limit	DOSE	Percent of Limit	DOSE	Percent of Limit	
1.2.3.1.a,b	5 mrad gamma / qtr.	1.03E-05 mrad	2.07E-04	1.65E-05 mrad	3.29E-04	0.00E+00 mrad	0.00E+00	5.66E-09 mrad	1.13E-07	2.68E-05
	10 mrad gamma / yr.		1.03E-04		2.68E-04 *		2.68E-04 *		2.68E-04 *	
1.2.3.1.a,b	10 mrad beta / qtr.	3.89E-06 mrad	3.89E-05	1.32E-05 mrad	1.32E-04	0.00E+00 mrad	0.00E+00	9.47E-08 mrad	9.47E-07	1.72E-05
	20 mrad beta / yr.		1.95E-05		8.55E-05 *		8.55E-05 *		8.60E-05 *	
1.2.4.1.a,b	7.5 mreem organ/qtr	3.11E-07 mreem**	4.15E-06	1.04E-03 mreem**	1.38E-02	0.00E+00 mreem**	0.00E+00	0.00E+00 mreem**	0.00E+00	1.04E-03
	15 mreem organ/yr.		2.08E-06		6.92E-03 *		6.92E-03 *		6.92E-03 *	
1.1.3.1a,b	LIQUID LIMITS									4.05E-03
	1.5 mreem / qtr.	2.16E-03 mreem	1.44E-01	1.66E-03 mreem	1.11E-01	1.57E-04 mreem	1.05E-02	6.46E-05 mreem	4.31E-03	
1.1.3.1a,b	3 mreem / yr.		7.19E-03		1.27E-01 *		1.33E-01 *		1.35E-01 *	4.34E-03
	5 mreem organ/qtr***	2.31E-03 mreem	4.62E-02	1.79E-03 mreem	3.58E-02	1.71E-04 mreem	3.41E-03	7.21E-05 mreem	1.44E-03	
	10 mreem organ/yr.		2.31E-02		4.10E-02 *		4.27E-02 *		4.34E-02 *	

* Includes contribution from previous quarters

** Includes dose from all nuclides

*** See page 3 for max organ for each quarter

TABLE 7

JOINT FREQUENCY DISTRIBUTION

BY QUARTER FOR 2002

JOINT WIND FREQUENCY DISTRIBUTION BY STABILITY CLASS

SITE: V. C. SUMMER Nuclear Station UNIT 1

Report Date : 03-02-26

Data Period : 2- 1- 1 00:00 to 2- 3-31 23:00

Stability Class: A delta T/ delta z 61->10 m Delta T With Substitution

Wind Sensor Height : 10 meter

Hours at Each Wind Direction and Speed

Wind Direction	Wind Speed (miles/hour)						Total'	Mean Speed
	0.75- <4	4- <8	8- <13	13- <19	19- 24	>24		
N	1	0	0	0	0	0	1	2.70
NNE	1	4	0	0	0	0	5	4.14
NE	1	4	0	0	0	0	5	4.83
ENE	0	3	0	0	0	0	3	5.15
E	0	1	0	0	0	0	1	7.86
ESE	0	1	0	0	0	0	1	6.56
SE	0	0	1	0	0	0	1	8.19
SSE	0	0	0	0	0	0	0	0.00
S	1	1	0	0	0	0	2	4.84
SSW	0	7	2	0	0	0	9	6.38
SW	1	14	4	0	0	0	19	7.09
WSW	1	8	8	2	0	0	19	8.40
W	0	7	2	0	0	0	9	7.28
WNW	0	3	11	1	0	0	15	10.10
NW	0	2	3	0	0	0	5	9.19
NNW	3	3	0	0	0	0	6	4.06
Total	9	58	31	3	0	0	101	

Hours of Calm : 0
 Hours of Varying Wind Direction : 0
 Hours of Missing Data : 0
 Hours of Missing Data for All : 5
 Hours of No Stability Class : 0
 Total hours of observation : 2160

JOINT WIND FREQUENCY DISTRIBUTION BY STABILITY CLASS

SITE: V. C. SUMMER Nuclear Station UNIT 1

Report Date : 03-02-26

Data Period : 2- 1- 1 00:00 to 2- 3-31 23:00

Stability Class: B delta T/ delta z 61->10 m Delta T With Substitution

Wind Sensor Height : 10 meter

Hours at Each Wind Direction and Speed

Wind Direction	Wind Speed (miles/hour)						Total'	Mean Speed
	0.75- <4	4- <8	8- <13	13- <19	19- 24	>24		
N	1	0	0	1	2	0	4	15.47
NNE	0	3	1	0	3	0	7	13.42
NE	0	2	1	0	0	0	3	7.48
ENE	0	3	0	0	0	0	3	5.81
E	0	2	1	0	0	0	3	7.42
ESE	0	1	1	0	0	0	2	8.14
SE	0	4	1	0	0	0	5	7.06
SSE	0	0	0	0	0	0	0	0.00
S	0	2	1	0	0	0	3	6.45
SSW	1	2	8	0	0	0	11	7.63
SW	3	3	6	1	0	0	13	7.38
WSW	2	5	3	0	0	0	10	6.08
W	2	4	8	0	0	0	14	7.84
WNW	1	1	9	1	0	0	12	9.88
NW	0	1	3	2	0	0	6	10.43
NNW	3	2	3	2	1	0	11	9.75
Total	13	35	46	7	6	0	107	

Hours of Calm : 0
 Hours of Varying Wind Direction : 0
 Hours of Missing Data : 0
 Hours of Missing Data for All : 5
 Hours of No Stability Class : 0
 Total hours of observation : 2160

JOINT WIND FREQUENCY DISTRIBUTION BY STABILITY CLASS

SITE: V. C. SUMMER Nuclear Station UNIT 1

Report Date : 03-02-26

Data Period : 2- 1- 1 00:00 to 2- 3-31 23:00

Stability Class: C delta T/ delta z 61->10 m Delta T With Substitution

Wind Sensor Height : 10 meter

Hours at Each Wind Direction and Speed

Wind Direction	Wind Speed (miles/hour)						Total'	Mean Speed
	0.75- <4	4- <8	8- <13	13- <19	19- 24	>24		
N	1	5	0	1	0	0	7	6.90
NNE	2	4	3	12	4	0	25	13.82
NE	0	3	9	5	0	0	17	11.48
ENE	0	2	2	0	0	0	4	8.21
E	0	4	5	0	0	0	9	7.73
ESE	0	0	1	0	0	0	1	9.68
SE	0	4	0	0	0	0	4	6.63
SSE	0	1	0	0	0	0	1	6.87
S	0	3	1	0	0	0	4	7.10
SSW	0	2	8	1	0	0	11	10.09
SW	1	3	1	2	0	0	7	8.72
WSW	2	4	3	0	0	0	9	6.43
W	0	6	1	0	0	0	7	7.36
WNW	0	3	0	0	0	0	3	6.38
NW	2	1	1	0	0	0	4	5.91
NNW	1	1	3	2	3	1	11	15.15
Total	9	46	38	23	7	1	124	

Hours of Calm : 0
 Hours of Varying Wind Direction : 0
 Hours of Missing Data : 0
 Hours of Missing Data for All : 5
 Hours of No Stability Class : 0
 Total hours of observation : 2160

JOINT WIND FREQUENCY DISTRIBUTION BY STABILITY CLASS

SITE: V. C. SUMMER Nuclear Station UNIT 1

Report Date : 03-02-26

Data Period : 2- 1- 1 00:00 to 2- 3-31 23:00

Stability Class: D delta T/ delta z 61->10 m Delta T With Substitution

Wind Sensor Height : 10 meter

Hours at Each Wind Direction and Speed

Wind Direction	Wind Speed (miles/hour)						Total'	Mean Speed
	0.75- <4	4- <8	8- <13	13- <19	19- 24	>24		
N	9	5	6	6	1	1	28	8.92
NNE	8	15	16	11	2	0	52	9.43
NE	8	17	55	35	0	0	115	10.91
ENE	3	9	50	8	0	0	70	9.90
E	3	25	24	3	0	0	55	8.20
ESE	1	18	6	1	0	0	26	7.27
SE	7	21	7	0	0	0	35	6.35
SSE	5	10	6	0	0	0	21	6.00
S	2	13	5	0	0	0	20	6.22
SSW	3	15	10	0	0	0	28	7.64
SW	9	20	16	0	0	0	45	7.08
WSW	8	16	14	0	0	0	38	6.84
W	11	37	29	1	0	0	78	7.07
WNW	14	27	3	0	0	0	44	4.78
NW	12	25	7	0	0	0	44	5.69
NNW	12	10	11	9	2	0	44	8.87
Total	115	283	265	74	5	1	743	

Hours of Calm : 0
 Hours of Varying Wind Direction : 0
 Hours of Missing Data : 5
 Hours of Missing Data for All : 5
 Hours of No Stability Class : 0
 Total hours of observation : 2160

JOINT WIND FREQUENCY DISTRIBUTION BY STABILITY CLASS

SITE: V. C. SUMMER Nuclear Station UNIT 1

Report Date : 03-02-26

Data Period : 2- 1- 1 00:00 to 2- 3-31 23:00

Stability Class: E delta T/ delta z 61->10 m Delta T With Substitution

Wind Sensor Height : 10 meter

Hours at Each Wind Direction and Speed

Wind Direction	Wind Speed (miles/hour)						Total'	Mean Speed
	0.75- <4	4- <8	8- <13	13- <19	19- 24	>24		
N	4	9	8	2	0	0	23	7.29
NNE	1	10	1	1	0	0	13	6.85
NE	7	8	2	1	0	0	18	5.77
ENE	5	7	6	0	0	0	18	6.36
E	7	11	11	0	0	0	29	6.42
ESE	2	18	7	0	0	0	27	6.60
SE	8	24	6	0	0	0	38	5.75
SSE	4	28	4	0	0	0	36	5.72
S	7	38	17	0	0	0	62	6.65
SSW	7	41	8	0	0	0	56	6.26
SW	25	57	7	0	0	0	89	5.28
WSW	23	41	10	0	0	0	74	5.19
W	16	67	3	0	0	0	86	5.18
WNW	10	11	1	0	0	0	22	4.34
NW	14	11	0	0	0	0	25	4.35
NNW	3	9	6	0	0	0	18	6.93
Total	143	390	97	4	0	0	634	

Hours of Calm : 0
 Hours of Varying Wind Direction : 0
 Hours of Missing Data : 0
 Hours of Missing Data for All : 5
 Hours of No Stability Class : 0
 Total hours of observation : 2160

JOINT WIND FREQUENCY DISTRIBUTION BY STABILITY CLASS

SITE: V. C. SUMMER Nuclear Station UNIT 1

Report Date : 03-02-26

Data Period : 2- 1- 1 00:00 to 2- 3-31 23:00

Stability Class: F delta T/ delta z 61->10 m Delta T With Substitution

Wind Sensor Height : 10 meter

Hours at Each Wind Direction and Speed

Wind Direction	Wind Speed (miles/hour)						Total'	Mean Speed
	0.75- <4	4- <8	8- <13	13- <19	19- 24	>24		
N	1	0	1	0	0	0	2	5.56
NNE	2	2	0	0	0	0	4	3.99
NE	2	1	0	0	0	0	3	3.50
ENE	2	0	0	0	0	0	2	1.85
E	2	1	0	0	0	0	3	4.15
ESE	2	0	0	0	0	0	2	2.10
SE	6	5	1	0	0	0	12	4.40
SSE	5	17	0	0	0	0	22	5.16
S	13	28	1	0	0	0	42	5.00
SSW	12	26	1	0	0	0	39	4.69
SW	15	28	0	0	0	0	43	4.17
WSW	14	6	0	0	0	0	20	3.59
W	9	15	0	0	0	0	24	4.17
WNW	7	1	0	0	0	0	8	3.16
NW	1	4	0	0	0	0	5	4.45
NNW	3	1	0	0	0	0	4	3.94
Total	96	135	4	0	0	0	235	

Hours of Calm : 0
 Hours of Varying Wind Direction : 0
 Hours of Missing Data : 0
 Hours of Missing Data for All : 5
 Hours of No Stability Class : 0
 Total hours of observation : 2160

JOINT WIND FREQUENCY DISTRIBUTION BY STABILITY CLASS

SITE: V. C. SUMMER Nuclear Station UNIT 1

Report Date : 03-02-26

Data Period : 2- 1- 1 00:00 to 2- 3-31 23:00

Stability Class: G delta T/ delta z 61->10 m Delta T With Substitution

Wind Sensor Height : 10 meter

Hours at Each Wind Direction and Speed

Wind Direction	Wind Speed (miles/hour)						Total'	Mean Speed
	0.75- <4	4- <8	8- <13	13- <19	19- 24	>24		
N	2	0	0	0	0	0	2	1.96
NNE	0	1	0	0	0	0	1	5.05
NE	0	0	0	0	0	0	0	0.00
ENE	2	0	0	0	0	0	2	2.42
E	1	0	0	0	0	0	1	2.55
ESE	1	0	0	0	0	0	1	2.42
SE	3	0	0	0	0	0	3	1.91
SSE	7	16	0	0	0	0	23	4.85
S	14	23	0	0	0	0	37	4.42
SSW	16	6	0	0	0	0	22	3.26
SW	18	3	0	0	0	0	21	2.97
WSW	21	10	0	0	0	0	31	3.26
W	29	4	0	0	0	0	33	3.08
WNW	22	2	0	0	0	0	24	2.68
NW	5	0	0	0	0	0	5	2.84
NNW	3	1	0	0	0	0	4	2.77
Total	144	66	0	0	0	0	210	
Hours of Calm	:							1
Hours of Varying Wind Direction	:							0
Hours of Missing Data	:							0
Hours of Missing Data for All	:							5
Hours of No Stability Class	:							0
Total hours of observation	:							2160

JOINT WIND FREQUENCY DISTRIBUTION BY STABILITY CLASS

SITE: V. C. SUMMER Nuclear Station UNIT 1

Report Date : 03-02-26

Data Period : 2- 1- 1 00:00 to 2- 3-31 23:00

Stability Class:ALL delta T/ delta z 61->10 m Delta T With Substitution

Wind Sensor Height : 10 meter

Hours at Each Wind Direction and Speed

Wind Direction	Wind Speed (miles/hour)						Total'	Mean Speed
	0.75- <4	4- <8	8- <13	13- <19	19- 24	>24		
N	19	19	15	10	3	1	67	8.14
NNE	14	39	21	24	9	0	107	9.91
NE	18	35	67	41	0	0	161	10.01
ENE	12	24	58	8	0	0	102	8.64
E	13	44	41	3	0	0	101	7.45
ESE	6	38	15	1	0	0	60	6.77
SE	24	58	16	0	0	0	98	5.81
SSE	21	72	10	0	0	0	103	5.48
S	37	108	25	0	0	0	170	5.69
SSW	39	99	37	1	0	0	176	6.09
SW	72	128	34	3	0	0	237	5.58
WSW	71	90	38	2	0	0	201	5.45
W	67	140	43	1	0	0	251	5.68
WNW	54	48	24	2	0	0	128	5.35
NW	34	44	14	2	0	0	94	5.61
NNW	28	27	23	13	6	1	98	8.57
Total	529	1013	481	111	18	2	2154	

Hours of Calm : 1
 Hours of Varying Wind Direction : 0
 Hours of Missing Data for All : 5
 Hours of No Stability Class : 0
 Total hours of observation : 2160

JOINT WIND FREQUENCY DISTRIBUTION BY STABILITY CLASS

SITE: V. C. SUMMER Nuclear Station UNIT 1

Report Date : 03-02-26

Data Period : 2- 4- 1 00:00 to 2- 6-30 23:00

Stability Class: A delta T/ delta z 61->10 m Delta T With Substitution

Wind Sensor Height : 10 meter

Hours at Each Wind Direction and Speed

Wind Direction	Wind Speed (miles/hour)						Total'	Mean Speed
	0.75- <4	4- <8	8- <13	13- <19	19- 24	>24		
N	0	2	0	0	0	0	2	4.89
NNE	2	3	0	0	0	0	5	4.53
NE	2	3	0	0	0	0	5	4.79
ENE	0	6	0	0	0	0	6	4.59
E	1	3	0	0	0	0	4	5.69
ESE	0	0	1	0	0	0	1	10.23
SE	0	1	1	0	0	0	2	7.60
SSE	0	1	0	0	0	0	1	5.40
S	0	2	0	2	0	0	4	10.32
SSW	0	0	1	0	0	0	1	9.51
SW	0	2	3	0	0	0	5	7.38
WSW	0	11	8	1	0	0	20	8.14
W	0	4	9	0	0	0	13	8.88
WNW	0	0	4	0	0	0	4	10.67
NW	0	0	0	0	0	0	0	0.00
NNW	2	1	0	0	0	0	3	3.92
Total	7	39	27	3	0	0	76	

Hours of Calm : 0
 Hours of Varying Wind Direction : 0
 Hours of Missing Data : 153
 Hours of Missing Data for All : 1143
 Hours of No Stability Class : 53
 Total hours of observation : 2184

JOINT WIND FREQUENCY DISTRIBUTION BY STABILITY CLASS

SITE: V. C. SUMMER Nuclear Station UNIT 1

Report Date : 03-02-26

Data Period : 2- 4- 1 00:00 to 2- 6-30 23:00

Stability Class: B delta T/ delta z 61->10 m Delta T With Substitution

Wind Sensor Height : 10 meter

Hours at Each Wind Direction and Speed

Wind Direction	Wind Speed (miles/hour)						Total'	Mean Speed
	0.75- <4	4- <8	8- <13	13- <19	19- 24	>24		
N	3	1	0	1	0	0	5	6.83
NNE	0	0	0	0	0	0	0	0.00
NE	2	0	0	0	0	0	2	3.21
ENE	1	3	1	1	0	0	6	6.79
E	1	3	4	0	0	0	8	7.65
ESE	0	0	1	0	0	0	1	9.71
SE	0	0	0	0	0	0	0	0.00
SSE	0	0	0	0	0	0	0	0.00
S	0	4	3	2	0	0	9	9.23
SSW	0	4	1	0	0	0	5	7.13
SW	0	4	2	0	0	0	6	7.15
WSW	0	6	7	1	0	0	14	8.56
W	0	5	8	0	0	0	13	8.75
WNW	0	1	4	0	0	0	5	9.56
NW	0	0	0	0	0	0	0	0.00
NNW	1	0	0	0	0	0	1	3.13
Total	8	31	31	5	0	0	75	

Hours of Calm : 0
 Hours of Varying Wind Direction : 0
 Hours of Missing Data : 90
 Hours of Missing Data for All : 1143
 Hours of No Stability Class : 53
 Total hours of observation : 2184

JOINT WIND FREQUENCY DISTRIBUTION BY STABILITY CLASS

SITE: V. C. SUMMER Nuclear Station UNIT 1

Report Date : 03-02-26

Data Period : 2- 4- 1 00:00 to 2- 6-30 23:00

Stability Class: C delta T/ delta z 61->10 m Delta T With Substitution

Wind Sensor Height : 10 meter

Hours at Each Wind Direction and Speed

Wind Direction	Wind Speed (miles/hour)						Total'	Mean Speed
	0.75- <4	4- <8	8- <13	13- <19	19- 24	>24		
N	1	1	0	0	0	0	2	3.73
NNE	0	3	4	1	0	0	8	9.72
NE	0	2	3	3	1	0	9	12.06
ENE	0	1	1	2	0	0	4	10.88
E	0	0	2	0	0	0	2	9.83
ESE	0	0	1	0	0	0	1	9.58
SE	0	0	1	0	0	0	1	8.79
SSE	0	3	1	0	0	0	4	7.62
S	0	1	6	1	0	0	8	9.93
SSW	1	4	3	0	0	0	8	7.28
SW	1	5	0	0	0	0	6	6.34
WSW	2	5	5	0	0	0	12	8.33
W	0	3	6	0	0	0	9	8.78
WNW	1	1	2	0	0	0	4	7.17
NW	0	0	0	0	0	0	0	0.00
NNW	0	2	0	0	0	0	2	6.55
Total	6	31	35	7	1	0	80	

Hours of Calm : 0
 Hours of Varying Wind Direction : 0
 Hours of Missing Data : 93
 Hours of Missing Data for All : 1143
 Hours of No Stability Class : 53
 Total hours of observation : 2184

JOINT WIND FREQUENCY DISTRIBUTION BY STABILITY CLASS

SITE: V. C. SUMMER Nuclear Station UNIT 1

Report Date : 03-02-26

Data Period : 2- 4- 1 00:00 to 2- 6-30 23:00

Stability Class: D delta T/ delta z 61->10 m Delta T With Substitution

Wind Sensor Height : 10 meter

Hours at Each Wind Direction and Speed

Wind Direction	Wind Speed (miles/hour)						Total'	Mean Speed
	0.75- <4	4- <8	8- <13	13- <19	19- 24	>24		
N	1	8	3	2	0	1	15	10.00
NNE	4	16	15	14	1	0	50	10.15
NE	3	13	16	9	2	0	43	10.08
ENE	3	12	28	7	0	0	50	9.88
E	2	23	12	1	0	0	38	7.46
ESE	3	3	1	0	0	0	7	5.20
SE	0	3	0	0	0	0	3	5.33
SSE	3	6	4	0	0	0	13	6.77
S	1	20	9	3	0	0	33	7.99
SSW	0	22	8	3	0	0	33	7.62
SW	4	23	13	0	0	0	40	6.73
WSW	4	18	7	1	0	0	30	6.77
W	2	7	9	0	0	0	18	7.45
WNW	2	9	1	0	0	0	12	5.52
NW	3	1	2	0	0	0	6	5.01
NNW	3	2	1	0	0	0	6	4.75
Total	38	186	129	40	3	1	397	

Hours of Calm : 0
 Hours of Varying Wind Direction : 0
 Hours of Missing Data : 380
 Hours of Missing Data for All : 1143
 Hours of No Stability Class : 53
 Total hours of observation : 2184

JOINT WIND FREQUENCY DISTRIBUTION BY STABILITY CLASS

SITE: V. C. SUMMER Nuclear Station UNIT 1

Report Date : 03-02-26

Data Period : 2- 4- 1 00:00 to 2- 6-30 23:00

Stability Class: E delta T/ delta z 61->10 m Delta T With Substitution

Wind Sensor Height : 10 meter

Hours at Each Wind Direction and Speed

Wind Direction	Wind Speed (miles/hour)						Total'	Mean Speed
	0.75- <4	4- <8	8- <13	13- <19	19- 24	>24		
N	2	2	3	2	0	0	9	8.89
NNE	5	5	0	0	0	0	10	3.84
NE	2	7	0	0	0	0	9	4.98
ENE	1	2	2	0	0	0	5	6.75
E	4	19	0	0	0	0	23	5.37
ESE	4	7	0	0	0	0	11	4.95
SE	3	12	1	0	0	0	16	5.22
SSE	2	16	4	0	0	0	22	6.04
S	7	27	5	0	0	0	39	5.62
SSW	9	29	3	0	0	0	41	5.52
SW	10	39	2	0	0	0	51	5.52
WSW	10	27	4	0	0	0	41	5.37
W	4	19	0	0	0	0	23	5.63
WNW	3	7	0	0	0	0	10	4.36
NW	3	0	0	0	0	0	3	2.45
NNW	0	1	1	0	0	0	2	7.46
Total	69	219	25	2	0	0	315	

Hours of Calm : 0
 Hours of Varying Wind Direction : 0
 Hours of Missing Data : 219
 Hours of Missing Data for All : 1143
 Hours of No Stability Class : 53
 Total hours of observation : 2184

JOINT WIND FREQUENCY DISTRIBUTION BY STABILITY CLASS

SITE: V. C. SUMMER Nuclear Station UNIT 1

Report Date : 03-02-26
 Data Period : 2- 4- 1 00:00 to 2- 6-30 23:00
 Stability Class: F delta T/ delta z 61->10 m Delta T With Substitution
 Wind Sensor Height : 10 meter
 Hours at Each Wind Direction and Speed

Wind Direction	Wind Speed (miles/hour)						Total'	Mean Speed
	0.75- <4	4- <8	8- <13	13- <19	19- 24	>24		
N	0	0	0	0	0	0	0	0.00
NNE	0	0	0	0	0	0	0	0.00
NE	0	0	0	0	0	0	0	0.00
ENE	0	0	0	0	0	0	3	3.33
E	2	1	0	0	0	0	2	1.55
ESE	2	0	0	0	0	0	3	4.72
SE	1	2	0	0	0	0	15	4.48
SSE	6	9	0	0	0	0	16	5.41
S	3	12	1	0	0	0	9	5.02
SSW	3	6	0	0	0	0	10	3.41
SW	4	6	0	0	0	0	8	2.65
WSW	7	1	0	0	0	0	3	3.78
W	2	1	0	0	0	0	4	2.78
WNW	3	1	0	0	0	0	6	4.37
NW	1	5	0	0	0	0	0	0.00
NNW	0	0	0	0	0	0	0	0.00
Total	34	44	1	0	0	0	79	

Hours of Calm : 0
 Hours of Varying Wind Direction : 0
 Hours of Missing Data : 80
 Hours of Missing Data for All : 1143
 Hours of No Stability Class : 53
 Total hours of observation : 2184

JOINT WIND FREQUENCY DISTRIBUTION BY STABILITY CLASS

SITE: V. C. SUMMER Nuclear Station UNIT 1

Report Date : 03-02-26

Data Period : 2- 4- 1 00:00 to 2- 6-30 23:00

Stability Class: G delta T/ delta z 61->10 m Delta T With Substitution

Wind Sensor Height : 10 meter

Hours at Each Wind Direction and Speed

Wind Direction	Wind Speed (miles/hour)						Total'	Mean Speed
	0.75- <4	4- <8	8- <13	13- <19	19- 24	>24		
N	0	0	0	0	0	0	0	0.00
NNE	0	0	0	0	0	0	0	0.00
NE	0	0	0	0	0	0	0	0.00
ENE	0	0	0	0	0	0	0	0.00
E	0	0	0	0	0	0	0	0.00
ESE	0	0	0	0	0	0	0	0.00
SE	0	1	0	0	0	0	1	6.85
SSE	0	6	0	0	0	0	6	5.68
S	2	3	0	0	0	0	5	4.88
SSW	0	0	0	0	0	0	0	0.00
SW	0	0	0	0	0	0	0	0.00
WSW	2	0	0	0	0	0	2	2.72
W	2	0	0	0	0	0	2	3.01
WNW	2	0	0	0	0	0	2	3.12
NW	0	0	0	0	0	0	0	0.00
NNW	0	0	0	0	0	0	0	0.00
Total	8	10	0	0	0	0	18	

Hours of Calm : 1
 Hours of Varying Wind Direction : 0
 Hours of Missing Data : 75
 Hours of Missing Data for All : 1143
 Hours of No Stability Class : 53
 Total hours of observation : 2184

JOINT WIND FREQUENCY DISTRIBUTION BY STABILITY CLASS

SITE: V. C. SUMMER Nuclear Station UNIT 1

Report Date : 03-02-26

Data Period : 2- 4- 1 00:00 to 2- 6-30 23:00

Stability Class:ALL delta T/ delta z 61->10 m Delta T With Substitution

Wind Sensor Height : 10 meter

Hours at Each Wind Direction and Speed

Wind Direction	Wind Speed (miles/hour)						Total'	Mean Speed
	0.75- <4	4- <8	8- <13	13- <19	19- 24	>24		
N	7	14	6	5	0	1	33	8.53
NNE	11	27	19	15	1	0	73	8.85
NE	9	25	19	12	3	0	68	9.08
ENE	5	24	32	10	0	0	71	9.01
E	10	49	18	1	0	0	78	6.68
ESE	9	10	4	0	0	0	23	5.37
SE	4	19	3	0	0	0	26	5.56
SSE	11	41	9	0	0	0	61	5.87
S	13	69	24	8	0	0	114	7.00
SSW	13	65	16	3	0	0	97	6.46
SW	19	79	20	0	0	0	118	5.95
WSW	25	68	31	3	0	0	127	6.56
W	10	39	32	0	0	0	81	7.27
WNW	11	19	11	0	0	0	41	6.01
NW	7	6	2	0	0	0	15	4.24
NNW	6	6	2	0	0	0	14	5.10
Total	170	560	248	57	4	1	1040	

Hours of Calm : 1
 Hours of Varying Wind Direction : 0
 Hours of Missing Data for All : 1143
 Hours of No Stability Class : 53
 Total hours of observation : 2184

JOINT WIND FREQUENCY DISTRIBUTION BY STABILITY CLASS

SITE: V. C. SUMMER Nuclear Station UNIT 1

Report Date : 03-02-26

Data Period : 2- 7- 1 00:00 to 2- 9-30 23:00

Stability Class: A delta T/ delta z 61->10 m Delta T With Substitution

Wind Sensor Height : 10 meter

Hours at Each Wind Direction and Speed

Wind Direction	Wind Speed (miles/hour)						Total'	Mean Speed
	0.75- <4	4- <8	8- <13	13- <19	19- 24	>24		
N	2	4	0	0	0	0	6	4.20
NNE	3	4	0	0	0	0	7	4.72
NE	7	3	1	0	0	0	11	4.34
ENE	0	10	5	0	0	0	15	7.00
E	1	8	4	0	0	0	13	7.19
ESE	0	1	1	0	0	0	2	7.54
SE	1	2	1	0	0	0	4	6.96
SSE	0	1	4	0	0	0	5	10.18
S	1	3	0	0	0	0	4	5.61
SSW	1	5	1	0	0	0	7	6.25
SW	1	5	1	0	0	0	7	5.90
WSW	2	27	1	0	0	0	30	5.83
W	3	16	6	0	0	0	25	6.80
WNW	0	4	2	0	0	0	6	7.36
NW	0	1	0	0	0	0	1	5.18
NNW	4	3	0	0	0	0	7	3.88
Total	26	97	27	0	0	0	150	

Hours of Calm : 0
 Hours of Varying Wind Direction : 0
 Hours of Missing Data : 3
 Hours of Missing Data for All : 245
 Hours of No Stability Class : 221
 Total hours of observation : 2208

JOINT WIND FREQUENCY DISTRIBUTION BY STABILITY CLASS

SITE: V. C. SUMMER Nuclear Station UNIT 1

Report Date : 03-02-26

Data Period : 2- 7- 1 00:00 to 2- 9-30 23:00

Stability Class: B delta T/ delta z 61->10 m Delta T With Substitution

Wind Sensor Height : 10 meter

Hours at Each Wind Direction and Speed

Wind Direction	Wind Speed (miles/hour)						Total'	Mean Speed
	0.75- <4	4- <8	8- <13	13- <19	19- 24	>24		
N	5	1	0	0	0	0	6	3.16
NNE	1	6	1	0	0	0	8	5.30
NE	1	8	4	1	0	0	14	7.30
ENE	1	5	8	0	0	0	14	7.87
E	1	8	7	0	0	0	16	7.89
ESE	0	6	0	0	0	0	6	6.80
SE	0	0	1	0	0	0	1	9.42
SSE	0	0	2	0	0	0	2	9.94
S	0	3	1	0	0	0	4	6.59
SSW	1	2	1	0	0	0	4	5.94
SW	1	2	1	0	0	0	4	6.51
WSW	1	8	0	0	0	0	9	4.70
W	1	7	1	0	0	0	9	5.65
WNW	0	8	2	0	0	0	10	6.25
NW	0	4	0	0	0	0	4	5.58
NNW	4	1	0	0	0	0	5	3.45
Total	17	69	29	1	0	0	116	

Hours of Calm : 0
 Hours of Varying Wind Direction : 0
 Hours of Missing Data : 0
 Hours of Missing Data for All : 245
 Hours of No Stability Class : 221
 Total hours of observation : 2208

JOINT WIND FREQUENCY DISTRIBUTION BY STABILITY CLASS

SITE: V. C. SUMMER Nuclear Station UNIT 1

Report Date : 03-02-26

Data Period : 2- 7- 1 00:00 to 2- 9-30 23:00

Stability Class: C delta T/ delta z 61->10 m Delta T With Substitution

Wind Sensor Height : 10 meter

Hours at Each Wind Direction and Speed

Wind Direction	Wind Speed (miles/hour)						Total'	Mean Speed
	0.75- <4	4- <8	8- <13	13- <19	19- 24	>24		
N	4	5	0	0	0	0	9	3.95
NNE	4	5	1	0	0	0	10	5.05
NE	0	14	12	4	0	0	30	8.66
ENE	1	7	19	0	0	0	27	8.89
E	1	9	9	0	0	0	19	7.76
ESE	0	3	3	0	0	0	6	7.94
SE	0	2	1	0	0	0	3	7.61
SSE	0	3	2	0	0	0	5	7.33
S	0	4	1	0	0	0	5	7.35
SSW	1	4	0	0	0	0	5	5.63
SW	0	2	1	0	0	0	3	6.40
WSW	1	3	0	0	0	0	4	4.61
W	3	4	0	0	0	0	7	4.25
WNW	3	5	0	0	0	0	8	4.32
NW	4	4	1	0	0	0	9	4.78
NNW	3	3	4	0	0	0	10	6.35
Total	25	77	54	4	0	0	160	

Hours of Calm : 0
 Hours of Varying Wind Direction : 0
 Hours of Missing Data : 1
 Hours of Missing Data for All : 245
 Hours of No Stability Class : 221
 Total hours of observation : 2208

JOINT WIND FREQUENCY DISTRIBUTION BY STABILITY CLASS

SITE: V. C. SUMMER Nuclear Station UNIT 1

Report Date : 03-02-26

Data Period : 2- 7- 1 00:00 to 2- 9-30 23:00

Stability Class: D delta T/ delta z 61->10 m Delta T With Substitution

Wind Sensor Height : 10 meter

Hours at Each Wind Direction and Speed

Wind Direction	Wind Speed (miles/hour)						Total'	Mean Speed	
	0.75- <4	4- <8	8- <13	13- <19	19- 24	>24			
N	8	33	15	1	0	0	57	6.74	
NNE	12	28	37	7	0	0	84	8.12	
NE	6	19	127	51	0	0	203	11.28	
ENE	6	42	117	13	0	0	178	9.57	
E	4	31	30	3	0	0	68	7.93	
ESE	0	28	8	0	0	0	36	7.24	
SE	1	23	9	2	0	0	35	7.59	
SSE	1	11	18	2	0	0	32	8.74	
S	3	28	10	3	0	0	44	7.59	
SSW	8	13	8	3	0	0	32	7.40	
SW	9	14	5	0	0	0	28	5.68	
WSW	7	9	3	0	0	0	19	4.78	
W	10	9	1	0	0	0	20	4.53	
WNW	11	10	1	0	0	0	22	4.36	
NW	6	10	1	0	0	0	17	4.86	
NNW	12	17	5	0	0	0	34	5.44	
Total	104	325	395	85	0	0	909		
Hours of Calm								:	0
Hours of Varying Wind Direction								:	0
Hours of Missing Data								:	10
Hours of Missing Data for All								:	245
Hours of No Stability Class								:	221
Total hours of observation								:	2208

JOINT WIND FREQUENCY DISTRIBUTION BY STABILITY CLASS

SITE: V. C. SUMMER Nuclear Station UNIT 1

Report Date : 03-02-26

Data Period : 2- 7- 1 00:00 to 2- 9-30 23:00

Stability Class: E delta T/ delta z 61->10 m Delta T With Substitution

Wind Sensor Height : 10 meter

Hours at Each Wind Direction and Speed

Wind Direction	Wind Speed (miles/hour)						Total'	Mean Speed
	0.75- <4	4- <8	8- <13	13- <19	19- 24	>24		
N	0	5	4	0	0	0	9	8.24
NNE	5	3	2	0	0	0	10	5.64
NE	4	2	5	0	0	0	11	6.62
ENE	8	4	5	0	0	0	17	5.43
E	6	11	10	0	0	0	27	6.49
ESE	7	17	1	0	0	0	25	5.29
SE	15	22	2	0	0	0	39	4.92
SSE	14	32	2	0	0	0	48	4.81
S	13	28	2	0	0	0	43	4.83
SSW	21	29	5	0	0	0	55	4.88
SW	25	31	0	0	0	0	56	4.16
WSW	23	17	1	0	0	0	41	3.83
W	21	13	0	0	0	0	34	3.61
WNW	18	3	0	0	0	0	21	3.01
NW	9	3	0	0	0	0	12	3.33
NNW	9	9	1	0	0	0	19	4.69
Total	198	229	40	0	0	0	467	
Hours of Calm	:							1
Hours of Varying Wind Direction	:							0
Hours of Missing Data	:							9
Hours of Missing Data for All	:							245
Hours of No Stability Class	:							221
Total hours of observation	:							2208

JOINT WIND FREQUENCY DISTRIBUTION BY STABILITY CLASS

SITE: V. C. SUMMER Nuclear Station UNIT 1

Report Date : 03-02-26

Data Period : 2- 7- 1 00:00 to 2- 9-30 23:00

Stability Class: F delta T/ delta z 61->10 m Delta T With Substitution

Wind Sensor Height : 10 meter

Hours at Each Wind Direction and Speed

Wind Direction	Wind Speed (miles/hour)						Total	Mean Speed
	0.75- <4	4- <8	8- <13	13- <19	19- 24	>24		
N	2	3	0	0	0	0	5	3.93
NNE	2	0	0	0	0	0	2	2.37
NE	0	0	0	0	0	0	0	0.00
ENE	0	0	0	0	0	0	0	0.00
E	0	0	0	0	0	0	1	3.90
ESE	1	0	0	0	0	0	6	3.87
SE	2	4	0	0	0	0	16	4.67
SSE	5	11	0	0	0	0	12	4.17
S	5	7	0	0	0	0	23	4.22
SSW	10	12	1	0	0	0	13	2.30
SW	12	1	0	0	0	0	10	2.78
WSW	9	1	0	0	0	0	17	3.29
W	12	5	0	0	0	0	6	2.29
WNW	6	0	0	0	0	0	4	2.41
NW	4	0	0	0	0	0	2	4.35
NNW	1	1	0	0	0	0		
Total	71	45	1	0	0	0	117	

Hours of Calm : 0
 Hours of Varying Wind Direction : 0
 Hours of Missing Data : 1
 Hours of Missing Data for All : 245
 Hours of No Stability Class : 221
 Total hours of observation : 2208

JOINT WIND FREQUENCY DISTRIBUTION BY STABILITY CLASS

SITE: V. C. SUMMER Nuclear Station UNIT 1

Report Date : 03-02-26

Data Period : 2- 7- 1 00:00 to 2- 9-30 23:00

Stability Class: G delta T/ delta z 61->10 m Delta T With Substitution

Wind Sensor Height : 10 meter

Hours at Each Wind Direction and Speed

Wind Direction	Wind Speed (miles/hour)						Total	Mean Speed
	0.75- <4	4- <8	8- <13	13- <19	19- 24	>24		
N	0	0	0	0	0	0	0	0.00
NNE	0	0	0	0	0	0	0	0.00
NE	0	0	0	0	0	0	0	0.00
ENE	0	0	0	0	0	0	0	0.00
E	0	0	0	0	0	0	0	0.00
ESE	0	0	0	0	0	0	0	0.00
SE	0	0	0	0	0	0	0	0.00
SSE	0	0	0	0	0	0	4	3.39
S	3	1	0	0	0	0	5	2.76
SSW	4	1	0	0	0	0	6	3.68
SW	3	3	0	0	0	0	9	2.94
WSW	6	3	0	0	0	0	7	2.24
W	7	0	0	0	0	0	9	2.96
WNW	8	1	0	0	0	0	3	2.17
NW	3	0	0	0	0	0	0	0.00
NNW	0	0	0	0	0	0	0	0.00
Total	34	9	0	0	0	0	43	

Hours of Calm : 0
 Hours of Varying Wind Direction : 0
 Hours of Missing Data : 0
 Hours of Missing Data for All : 245
 Hours of No Stability Class : 221
 Total hours of observation : 2208

JOINT WIND FREQUENCY DISTRIBUTION BY STABILITY CLASS

SITE: V. C. SUMMER Nuclear Station UNIT 1

Report Date : 03-02-26

Data Period : 2- 7- 1 00:00 to 2- 9-30 23:00

Stability Class:ALL delta T/ delta z 61->10 m Delta T With Substitution

Wind Sensor Height : 10 meter

Hours at Each Wind Direction and Speed

Wind Direction	Wind Speed (miles/hour)						Total'	Mean Speed
	0.75- <4	4- <8	8- <13	13- <19	19- 24	>24		
N	21	51	19	1	0	0	92	6.06
NNE	27	46	41	7	0	0	121	7.19
NE	18	46	149	56	0	0	269	10.30
ENE	16	68	154	13	0	0	251	8.97
E	13	67	60	3	0	0	143	7.56
ESE	8	55	13	0	0	0	76	6.58
SE	19	53	14	2	0	0	88	6.15
SSE	20	58	28	2	0	0	108	6.41
S	25	74	14	3	0	0	116	5.95
SSW	46	66	16	3	0	0	131	5.43
SW	51	58	8	0	0	0	117	4.54
WSW	49	68	5	0	0	0	122	4.41
W	57	54	8	0	0	0	119	4.50
WNW	46	31	5	0	0	0	82	4.15
NW	26	22	2	0	0	0	50	4.19
NNW	33	34	10	0	0	0	77	5.07
Total	475	851	546	90	0	0	1962	

Hours of Calm : 1
 Hours of Varying Wind Direction : 0
 Hours of Missing Data for All : 245
 Hours of No Stability Class : 221
 Total hours of observation : 2208

JOINT WIND FREQUENCY DISTRIBUTION BY STABILITY CLASS

SITE: V. C. SUMMER Nuclear Station UNIT 1

Report Date : 03-02-26

Data Period : 2-10- 1 00:00 to 2-12-31 23:00

Stability Class: A delta T/ delta z 61->10 m Delta T With Substitution

Wind Sensor Height : 10 meter

Hours at Each Wind Direction and Speed

Wind Direction	Wind Speed (miles/hour)						Total'	Mean Speed
	0.75- <4	4- <8	8- <13	13- <19	19- 24	>24		
N	3	1	2	0	0	0	6	5.60
NNE	4	1	0	0	0	0	5	3.70
NE	3	1	0	1	0	0	5	5.77
ENE	0	3	0	0	0	0	3	6.54
E	0	1	0	0	0	0	1	5.41
ESE	0	0	0	0	0	0	0	0.00
SE	0	0	0	0	0	0	0	0.00
SSE	0	0	0	0	0	0	0	0.00
S	0	1	0	0	0	0	1	4.87
SSW	0	3	0	0	0	0	3	5.16
SW	3	15	2	0	0	0	20	5.80
WSW	4	14	3	1	0	0	22	6.01
W	5	4	2	0	0	0	11	5.07
WNW	2	5	1	0	0	0	8	5.78
NW	1	1	3	0	0	0	5	9.30
NNW	2	2	0	0	0	0	4	4.52
Total	27	52	13	2	0	0	94	

Hours of Calm : 0
 Hours of Varying Wind Direction : 0
 Hours of Missing Data : 0
 Hours of Missing Data for All : 79
 Hours of No Stability Class : 72
 Total hours of observation : 2208

JOINT WIND FREQUENCY DISTRIBUTION BY STABILITY CLASS

SITE: V. C. SUMMER Nuclear Station UNIT 1

Report Date : 03-02-26

Data Period : 2-10- 1 00:00 to 2-12-31 23:00

Stability Class: B delta T/ delta z 61->10 m Delta T With Substitution

Wind Sensor Height : 10 meter

Hours at Each Wind Direction and Speed

Wind Direction	Wind Speed (miles/hour)						Total'	Mean Speed
	0.75- <4	4- <8	8- <13	13- <19	19- 24	>24		
N	1	0	2	0	0	0	3	8.06
NNE	0	1	0	3	0	0	4	12.36
NE	0	3	2	1	0	0	6	9.16
ENE	1	2	1	0	0	0	4	6.48
E	1	2	0	0	0	0	3	5.46
ESE	2	0	0	0	0	0	2	3.31
SE	0	0	0	0	0	0	0	0.00
SSE	0	1	0	0	0	0	1	7.08
S	0	0	2	2	0	0	4	11.28
SSW	3	5	4	0	0	0	12	6.64
SW	3	4	0	0	0	0	7	4.73
WSW	5	7	5	7	0	0	24	8.52
W	6	6	2	3	0	0	17	7.01
WNW	0	5	1	0	0	0	6	6.44
NW	3	1	4	0	0	0	8	7.36
NNW	1	0	2	1	0	0	4	9.15
Total	26	37	25	17	0	0	105	

Hours of Calm : 0
 Hours of Varying Wind Direction : 0
 Hours of Missing Data : 0
 Hours of Missing Data for All : 79
 Hours of No Stability Class : 72
 Total hours of observation : 2208

JOINT WIND FREQUENCY DISTRIBUTION BY STABILITY CLASS

SITE: V. C. SUMMER Nuclear Station UNIT 1

Report Date : 03-02-26

Data Period : 2-10- 1 00:00 to 2-12-31 23:00

Stability Class: C delta T/ delta z 61->10 m Delta T With Substitution

Wind Sensor Height : 10 meter

Hours at Each Wind Direction and Speed

Wind Direction	Wind Speed (miles/hour)						Total'	Mean Speed
	0.75- <4	4- <8	8- <13	13- <19	19- 24	>24		
N	0	4	3	1	0	0	8	9.53
NNE	5	3	2	9	0	0	19	10.44
NE	1	2	5	16	0	0	24	13.65
ENE	1	3	6	11	0	0	21	11.91
E	0	1	2	0	0	0	3	7.94
ESE	0	1	0	0	0	0	1	7.00
SE	0	1	0	0	0	0	1	5.76
SSE	0	0	1	0	0	0	1	8.54
S	1	0	2	0	0	0	3	7.26
SSW	0	4	0	0	0	0	4	7.04
SW	2	7	1	0	0	0	10	5.81
WSW	1	4	1	2	0	0	8	7.80
W	4	4	3	2	0	0	13	8.20
WNW	3	2	0	0	0	0	5	4.64
NW	1	0	3	0	0	0	4	9.31
NNW	2	1	0	1	0	0	4	6.32
Total	21	37	29	42	0	0	129	

Hours of Calm : 0
 Hours of Varying Wind Direction : 0
 Hours of Missing Data : 1
 Hours of Missing Data for All : 79
 Hours of No Stability Class : 72
 Total hours of observation : 2208

JOINT WIND FREQUENCY DISTRIBUTION BY STABILITY CLASS

SITE: V. C. SUMMER Nuclear Station UNIT 1

Report Date : 03-02-26

Data Period : 2-10- 1 00:00 to 2-12-31 23:00

Stability Class: D delta T/ delta z 61->10 m Delta T With Substitution

Wind Sensor Height : 10 meter

Hours at Each Wind Direction and Speed

Wind Direction	Wind Speed (miles/hour)						Total'	Mean Speed
	0.75- <4	4- <8	8- <13	13- <19	19- 24	>24		
N	7	10	16	0	0	0	33	7.64
NNE	10	11	21	7	0	0	49	8.58
NE	6	21	104	52	1	0	184	11.12
ENE	5	30	104	36	0	0	175	10.44
E	3	19	28	5	0	0	55	8.95
ESE	8	13	9	0	0	0	30	6.62
SE	6	10	3	0	0	0	19	5.52
SSE	5	6	4	0	0	0	15	6.15
S	4	5	9	2	0	0	20	8.25
SSW	6	11	15	3	1	0	36	8.20
SW	10	13	2	1	0	0	26	5.18
WSW	17	15	28	2	0	0	62	7.37
W	14	24	12	1	0	0	51	6.19
WNW	18	27	5	0	0	0	50	5.16
NW	10	45	4	0	0	0	59	5.25
NNW	7	22	14	0	0	0	43	6.73
Total	136	282	378	109	2	0	907	

Hours of Calm : 0
 Hours of Varying Wind Direction : 0
 Hours of Missing Data : 3
 Hours of Missing Data for All : 79
 Hours of No Stability Class : 72
 Total hours of observation : 2208

JOINT WIND FREQUENCY DISTRIBUTION BY STABILITY CLASS

SITE: V. C. SUMMER Nuclear Station UNIT 1

Report Date : 03-02-26

Data Period : 2-10- 1 00:00 to 2-12-31 23:00

Stability Class: E delta T/ delta z 61->10 m Delta T With Substitution

Wind Sensor Height : 10 meter

Hours at Each Wind Direction and Speed

Wind Direction	Wind Speed (miles/hour)						Total'	Mean Speed
	0.75- <4	4- <8	8- <13	13- <19	19- 24	>24		
N	3	1	0	0	0	0	4	3.02
NNE	1	4	2	0	0	0	7	6.82
NE	2	2	2	0	0	0	6	6.49
ENE	2	1	3	0	0	0	6	6.24
E	4	10	2	0	0	0	16	5.58
ESE	10	10	0	0	0	0	20	3.92
SE	11	8	0	0	0	0	19	4.08
SSE	3	6	4	0	0	0	13	6.57
S	6	18	7	0	0	0	31	6.44
SSW	11	10	1	1	0	0	23	4.67
SW	19	21	6	0	0	0	46	4.75
WSW	31	52	12	0	0	0	95	5.37
W	17	36	1	1	0	0	55	5.04
WNW	13	18	0	0	0	0	31	4.33
NW	11	8	0	0	0	0	19	4.17
NNW	8	5	2	0	0	0	15	4.50
Total	152	210	42	2	0	0	406	

Hours of Calm : 0
 Hours of Varying Wind Direction : 0
 Hours of Missing Data : 1
 Hours of Missing Data for All : 79
 Hours of No Stability Class : 72
 Total hours of observation : 2208

JOINT WIND FREQUENCY DISTRIBUTION BY STABILITY CLASS

SITE: V. C. SUMMER Nuclear Station UNIT 1

Report Date : 03-02-26

Data Period : 2-10- 1 00:00 to 2-12-31 23:00

Stability Class: F delta T/ delta z 61->10 m Delta T With Substitution

Wind Sensor Height : 10 meter

Hours at Each Wind Direction and Speed

Wind Direction	Wind Speed (miles/hour)						Total'	Mean Speed
	0.75- <4	4- <8	8- <13	13- <19	19- 24	>24		
N	8	4	0	0	0	0	12	3.76
NNE	4	0	1	0	0	0	5	3.61
NE	2	0	0	0	0	0	2	3.03
ENE	3	0	0	0	0	0	3	2.14
E	2	1	0	0	0	0	3	3.85
ESE	9	0	0	0	0	0	9	2.42
SE	5	1	0	0	0	0	6	3.17
SSE	5	6	0	0	0	0	11	4.26
S	10	14	0	0	0	0	24	4.53
SSW	6	22	0	0	0	0	28	4.55
SW	17	22	0	0	0	0	39	4.28
WSW	20	8	0	0	0	0	28	3.42
W	11	9	0	0	0	0	20	4.15
WNW	7	14	0	0	0	0	21	4.01
NW	11	5	0	0	0	0	16	3.38
NNW	11	1	0	0	0	0	12	2.86
Total	131	107	1	0	0	0	239	

Hours of Calm : 1
 Hours of Varying Wind Direction : 0
 Hours of Missing Data : 1
 Hours of Missing Data for All : 79
 Hours of No Stability Class : 72
 Total hours of observation : 2208

JOINT WIND FREQUENCY DISTRIBUTION BY STABILITY CLASS

SITE: V. C. SUMMER Nuclear Station UNIT 1

Report Date : 03-02-26

Data Period : 2-10- 1 00:00 to 2-12-31 23:00

Stability Class: G delta T/ delta z 61->10 m Delta T With Substitution

Wind Sensor Height : 10 meter

Hours at Each Wind Direction and Speed

Wind Direction	Wind Speed (miles/hour)						Total'	Mean Speed
	0.75- <4	4- <8	8- <13	13- <19	19- 24	>24		
N	7	1	0	0	0	0	8	3.51
NNE	9	0	0	0	0	0	9	3.01
NE	6	0	0	0	0	0	6	2.00
ENE	2	0	0	0	0	0	2	1.96
E	0	0	0	0	0	0	0	0.00
ESE	1	0	0	0	0	0	1	3.70
SE	2	1	0	0	0	0	3	3.74
SSE	6	3	0	0	0	0	9	3.94
S	19	10	0	0	0	0	29	3.78
SSW	21	25	0	0	0	0	46	3.98
SW	22	16	0	0	0	0	38	3.71
WSW	26	14	0	0	0	0	40	3.51
W	11	12	0	0	0	0	23	3.80
WNW	7	6	0	0	0	0	13	3.85
NW	9	1	0	0	0	0	10	3.13
NNW	9	2	0	0	0	0	11	3.31
Total	157	91	0	0	0	0	248	

Hours of Calm : 0
 Hours of Varying Wind Direction : 0
 Hours of Missing Data : 1
 Hours of Missing Data for All : 79
 Hours of No Stability Class : 72
 Total hours of observation : 2208

JOINT WIND FREQUENCY DISTRIBUTION BY STABILITY CLASS

SITE: V. C. SUMMER Nuclear Station UNIT 1

Report Date : 03-02-26

Data Period : 2-10- 1 00:00 to 2-12-31 23:00

Stability Class:ALL delta T/ delta z 61->10 m Delta T With Substitution

Wind Sensor Height : 10 meter

Hours at Each Wind Direction and Speed

Wind Direction	Wind Speed (miles/hour)						Total'	Mean Speed
	0.75- <4	4- <8	8- <13	13- <19	19- 24	>24		
N	29	21	23	1	0	0	74	6.37
NNE	33	20	26	19	0	0	98	7.96
NE	20	29	113	70	1	0	233	10.79
ENE	14	39	114	47	0	0	214	10.15
E	10	34	32	5	0	0	81	7.88
ESE	30	24	9	0	0	0	63	5.02
SE	24	21	3	0	0	0	48	4.55
SSE	19	22	9	0	0	0	50	5.51
S	40	48	20	4	0	0	112	5.85
SSW	47	80	20	4	1	0	152	5.50
SW	76	98	11	1	0	0	186	4.67
WSW	104	114	49	12	0	0	279	5.74
W	68	95	20	7	0	0	190	5.50
WNW	50	77	7	0	0	0	134	4.73
NW	46	61	14	0	0	0	121	5.10
NNW	40	33	18	2	0	0	93	5.46
Total	650	816	488	172	2	0	2128	

Hours of Calm : 1
 Hours of Varying Wind Direction : 0
 Hours of Missing Data for All : 79
 Hours of No Stability Class : 72
 Total hours of observation : 2208

TABLE 8

JOINT FREQUENCY DISTRIBUTION

BY QUARTER FOR 2002

(BATCH RELEASES)

JOINT WIND FREQUENCY DISTRIBUTION BY STABILITY CLASS

SITE: V. C. SUMMER Nuclear Station UNIT 1

Report Date : 03-02-27
 Data Period : 2- 2-20 09:00 to 2- 2-20 16:00
 Stability Class: A delta T/ delta z 61->10 m Delta T With Substitution
 Wind Sensor Height : 10 meter +++ Batch Release Times Only +++
 Hours at Each Wind Direction and Speed

Wind Direction	Wind Speed (miles/hour)						Total'	Mean Speed	
	0.75- <4	4- <8	8- <13	13- <19	19- 24	>24			
N	0	0	0	0	0	0	0	0.00	
NNE	0	0	0	0	0	0	0	0.00	
NE	0	0	0	0	0	0	0	0.00	
ENE	0	0	0	0	0	0	0	0.00	
E	0	0	0	0	0	0	0	0.00	
ESE	0	0	0	0	0	0	0	0.00	
SE	0	0	0	0	0	0	0	0.00	
SSE	0	0	0	0	0	0	0	0.00	
S	0	0	0	0	0	0	0	0.00	
SSW	0	0	0	0	0	0	0	0.00	
SW	0	0	0	0	0	0	0	0.00	
WSW	0	0	0	0	0	0	0	0.00	
W	0	0	0	0	0	0	0	0.00	
WNW	0	0	0	0	0	0	0	0.00	
NW	0	0	0	0	0	0	0	0.00	
NNW	0	0	0	0	0	0	0	0.00	
Total	0	0	0	0	0	0	0		
Hours of Calm	:								0
Hours of Varying Wind Direction	:								0
Hours of Missing Data	:								0
Hours of Missing Data for All	:								0
Hours of No Stability Class	:								0
Total hours of observation	:								8

JOINT WIND FREQUENCY DISTRIBUTION BY STABILITY CLASS

SITE: V. C. SUMMER Nuclear Station UNIT 1

Report Date : 03-02-27

Data Period : 2- 2-20 09:00 to 2- 2-20 16:00

Stability Class: B delta T/ delta z 61->10 m Delta T With Substitution

Wind Sensor Height : 10 meter +++ Batch Release Times Only +++

Hours at Each Wind Direction and Speed

Wind Direction	Wind Speed (miles/hour)						Total'	Mean Speed
	0.75- <4	4- <8	8- <13	13- <19	19- 24	>24		
N	0	0	0	0	0	0	0	0.00
NNE	0	0	0	0	0	0	0	0.00
NE	0	0	0	0	0	0	0	0.00
ENE	0	0	0	0	0	0	0	0.00
E	0	0	0	0	0	0	0	0.00
ESE	0	0	0	0	0	0	0	0.00
SE	0	0	0	0	0	0	0	0.00
SSE	0	0	0	0	0	0	0	0.00
S	0	0	0	0	0	0	0	0.00
SSW	0	0	0	0	0	0	0	0.00
SW	0	0	0	0	0	0	0	0.00
WSW	0	0	0	0	0	0	0	0.00
W	0	0	0	0	0	0	0	0.00
WNW	0	0	0	0	0	0	0	0.00
NW	0	0	0	0	0	0	0	0.00
NNW	0	0	0	0	0	0	0	0.00
Total	0	0	0	0	0	0	0	
Hours of Calm	:							0
Hours of Varying Wind Direction	:							0
Hours of Missing Data	:							0
Hours of Missing Data for All	:							0
Hours of No Stability Class	:							0
Total hours of observation	:							8

JOINT WIND FREQUENCY DISTRIBUTION BY STABILITY CLASS

SITE: V. C. SUMMER Nuclear Station UNIT 1

Report Date : 03-02-27

Data Period : 2- 2-20 09:00 to 2- 2-20 16:00

Stability Class: C delta T/ delta z 61->10 m Delta T With Substitution

Wind Sensor Height : 10 meter +++ Batch Release Times Only +++

Hours at Each Wind Direction and Speed

Wind Direction	Wind Speed (miles/hour)							Total'	Mean Speed
	0.75- <4	4- <8	8- <13	13- <19	19- 24	>24			
N	0	0	0	0	0	0	0	0	0.00
NNE	0	0	0	0	0	0	0	0	0.00
NE	0	0	0	0	0	0	0	0	0.00
ENE	0	0	0	0	0	0	0	0	0.00
E	0	0	0	0	0	0	0	0	0.00
ESE	0	0	0	0	0	0	0	0	0.00
SE	0	0	0	0	0	0	0	0	0.00
SSE	0	0	0	0	0	0	0	0	0.00
S	0	0	0	0	0	0	0	0	0.00
SSW	0	0	0	1	0	0	1	15.40	
SW	0	0	0	1	0	0	1	14.96	
WSW	0	0	0	0	0	0	0	0.00	
W	0	0	0	0	0	0	0	0.00	
WNW	0	0	0	0	0	0	0	0.00	
NW	0	0	0	0	0	0	0	0.00	
NNW	0	0	0	0	0	0	0	0.00	
Total	0	0	0	2	0	0	2		
Hours of Calm	:								0
Hours of Varying Wind Direction	:								0
Hours of Missing Data	:								0
Hours of Missing Data for All	:								0
Hours of No Stability Class	:								0
Total hours of observation	:								8

JOINT WIND FREQUENCY DISTRIBUTION BY STABILITY CLASS

SITE: V. C. SUMMER Nuclear Station UNIT 1

Report Date : 03-02-27

Data Period : 2- 2-20 09:00 to 2- 2-20 16:00

Stability Class: D delta T/ delta z 61->10 m Delta T With Substitution

Wind Sensor Height : 10 meter +++ Batch Release Times Only +++

Hours at Each Wind Direction and Speed

Wind Direction	Wind Speed (miles/hour)							Total'	Mean Speed
	0.75- <4	4- <8	8- <13	13- <19	19- 24	>24			
N	0	0	0	0	0	0	0	0	0.00
NNE	0	0	0	0	0	0	0	0	0.00
NE	0	0	0	0	0	0	0	0	0.00
ENE	0	0	0	0	0	0	0	0	0.00
E	0	0	0	0	0	0	0	0	0.00
ESE	0	0	0	0	0	0	0	0	0.00
SE	0	0	0	0	0	0	0	0	0.00
SSE	0	0	0	0	0	0	0	0	0.00
S	0	0	0	0	0	0	0	0	0.00
SSW	0	0	1	0	0	0	0	1	11.20
SW	0	0	2	0	0	0	0	2	11.04
WSW	0	0	0	0	0	0	0	0	0.00
W	0	0	0	0	0	0	0	0	0.00
WNW	0	0	0	0	0	0	0	0	0.00
NW	0	0	0	0	0	0	0	0	0.00
NNW	0	0	0	0	0	0	0	0	0.00
Total	0	0	3	0	0	0	0	3	

Hours of Calm : 0
 Hours of Varying Wind Direction : 0
 Hours of Missing Data : 0
 Hours of Missing Data for All : 0
 Hours of No Stability Class : 0
 Total hours of observation : 8

JOINT WIND FREQUENCY DISTRIBUTION BY STABILITY CLASS

SITE: V. C. SUMMER Nuclear Station UNIT 1

Report Date : 03-02-27

Data Period : 2- 2-20 09:00 to 2- 2-20 16:00

Stability Class: E delta T/ delta z 61->10 m Delta T With Substitution

Wind Sensor Height : 10 meter +++ Batch Release Times Only +++

Hours at Each Wind Direction and Speed

Wind Direction	Wind Speed (miles/hour)						Total'	Mean Speed
	0.75- <4	4- <8	8- <13	13- <19	19- 24	>24		
N	0	0	0	0	0	0	0	0.00
NNE	0	0	0	0	0	0	0	0.00
NE	0	0	0	0	0	0	0	0.00
ENE	0	0	0	0	0	0	0	0.00
E	0	0	0	0	0	0	0	0.00
ESE	0	0	0	0	0	0	0	0.00
SE	0	0	0	0	0	0	0	0.00
SSE	0	0	0	0	0	0	0	0.00
S	0	0	2	0	0	0	2	9.66
SSW	0	0	1	0	0	0	1	10.90
SW	0	0	0	0	0	0	0	0.00
WSW	0	0	0	0	0	0	0	0.00
W	0	0	0	0	0	0	0	0.00
WNW	0	0	0	0	0	0	0	0.00
NW	0	0	0	0	0	0	0	0.00
NNW	0	0	0	0	0	0	0	0.00
Total	0	0	3	0	0	0	3	

Hours of Calm : 0
 Hours of Varying Wind Direction : 0
 Hours of Missing Data : 0
 Hours of Missing Data for All : 0
 Hours of No Stability Class : 0
 Total hours of observation : 8

JOINT WIND FREQUENCY DISTRIBUTION BY STABILITY CLASS

SITE: V. C. SUMMER Nuclear Station UNIT 1

Report Date : 03-02-27

Data Period : 2- 2-20 09:00 to 2- 2-20 16:00

Stability Class: F delta T/ delta z 61->10 m Delta T With Substitution

Wind Sensor Height : 10 meter +++ Batch Release Times Only +++

Hours at Each Wind Direction and Speed

Wind Direction	Wind Speed (miles/hour)							Total'	Mean Speed
	0.75- <4	4- <8	8- <13	13- <19	19- 24	>24			
N	0	0	0	0	0	0	0	0.00	
NNE	0	0	0	0	0	0	0	0.00	
NE	0	0	0	0	0	0	0	0.00	
ENE	0	0	0	0	0	0	0	0.00	
E	0	0	0	0	0	0	0	0.00	
ESE	0	0	0	0	0	0	0	0.00	
SE	0	0	0	0	0	0	0	0.00	
SSE	0	0	0	0	0	0	0	0.00	
S	0	0	0	0	0	0	0	0.00	
SSW	0	0	0	0	0	0	0	0.00	
SW	0	0	0	0	0	0	0	0.00	
WSW	0	0	0	0	0	0	0	0.00	
W	0	0	0	0	0	0	0	0.00	
WNW	0	0	0	0	0	0	0	0.00	
NW	0	0	0	0	0	0	0	0.00	
NNW	0	0	0	0	0	0	0	0.00	
Total	0	0	0	0	0	0	0		
Hours of Calm								:	0
Hours of Varying Wind Direction								:	0
Hours of Missing Data								:	0
Hours of Missing Data for All								:	0
Hours of No Stability Class								:	0
Total hours of observation								:	8

JOINT WIND FREQUENCY DISTRIBUTION BY STABILITY CLASS

SITE: V. C. SUMMER Nuclear Station UNIT 1

Report Date : 03-02-27

Data Period : 2- 2-20 09:00 to 2- 2-20 16:00

Stability Class: G delta T/ delta z 61->10 m Delta T With Substitution

Wind Sensor Height : 10 meter +++ Batch Release Times Only +++

Hours at Each Wind Direction and Speed

Wind Direction	Wind Speed (miles/hour)						Total'	Mean Speed	
	0.75- <4	4- <8	8- <13	13- <19	19- 24	>24			
N	0	0	0	0	0	0	0	0.00	
NNE	0	0	0	0	0	0	0	0.00	
NE	0	0	0	0	0	0	0	0.00	
ENE	0	0	0	0	0	0	0	0.00	
E	0	0	0	0	0	0	0	0.00	
ESE	0	0	0	0	0	0	0	0.00	
SE	0	0	0	0	0	0	0	0.00	
SSE	0	0	0	0	0	0	0	0.00	
S	0	0	0	0	0	0	0	0.00	
SSW	0	0	0	0	0	0	0	0.00	
SW	0	0	0	0	0	0	0	0.00	
WSW	0	0	0	0	0	0	0	0.00	
W	0	0	0	0	0	0	0	0.00	
WNW	0	0	0	0	0	0	0	0.00	
NW	0	0	0	0	0	0	0	0.00	
NNW	0	0	0	0	0	0	0	0.00	
Total	0	0	0	0	0	0	0		
Hours of Calm								:	0
Hours of Varying Wind Direction								:	0
Hours of Missing Data								:	0
Hours of Missing Data for All								:	0
Hours of No Stability Class								:	0
Total hours of observation								:	8

JOINT WIND FREQUENCY DISTRIBUTION BY STABILITY CLASS

SITE: V. C. SUMMER Nuclear Station UNIT 1

Report Date : 03-02-27

Data Period : 2- 2-20 09:00 to 2- 2-20 16:00

Stability Class:ALL delta T/ delta z 61->10 m Delta T With Substitution

Wind Sensor Height : 10 meter +++ Batch Release Times Only +++

Hours at Each Wind Direction and Speed

Wind Direction	Wind Speed (miles/hour)						Total'	Mean Speed
	0.75- <4	4- <8	8- <13	13- <19	19- 24	>24		
N	0	0	0	0	0	0	0	0.00
NNE	0	0	0	0	0	0	0	0.00
NE	0	0	0	0	0	0	0	0.00
ENE	0	0	0	0	0	0	0	0.00
E	0	0	0	0	0	0	0	0.00
ESE	0	0	0	0	0	0	0	0.00
SE	0	0	0	0	0	0	0	0.00
SSE	0	0	0	0	0	0	0	0.00
S	0	0	2	0	0	0	2	9.66
SSW	0	0	2	1	0	0	3	12.50
SW	0	0	2	1	0	0	3	12.35
WSW	0	0	0	0	0	0	0	0.00
W	0	0	0	0	0	0	0	0.00
WNW	0	0	0	0	0	0	0	0.00
NW	0	0	0	0	0	0	0	0.00
NNW	0	0	0	0	0	0	0	0.00
Total	0	0	6	2	0	0	8	
Hours of Calm	:							0
Hours of Varying Wind Direction	:							0
Hours of Missing Data for All	:							0
Hours of No Stability Class	:							0
Total hours of observation	:							8

JOINT WIND FREQUENCY DISTRIBUTION BY STABILITY CLASS

SITE: V. C. SUMMER Nuclear Station UNIT 1

Report Date : 03-02-27

Data Period : 2- 2-25 19:00 to 2- 2-25 20:00

Stability Class: A delta T/ delta z 61->10 m Delta T With Substitution

Wind Sensor Height : 10 meter +++ Batch Release Times Only +++

Hours at Each Wind Direction and Speed

Wind Direction	Wind Speed (miles/hour)						Total'	Mean Speed	
	0.75- <4	4- <8	8- <13	13- <19	19- 24	>24			
N	0	0	0	0	0	0	0	0.00	
NNE	0	0	0	0	0	0	0	0.00	
NE	0	0	0	0	0	0	0	0.00	
ENE	0	0	0	0	0	0	0	0.00	
E	0	0	0	0	0	0	0	0.00	
ESE	0	0	0	0	0	0	0	0.00	
SE	0	0	0	0	0	0	0	0.00	
SSE	0	0	0	0	0	0	0	0.00	
S	0	0	0	0	0	0	0	0.00	
SSW	0	0	0	0	0	0	0	0.00	
SW	0	0	0	0	0	0	0	0.00	
WSW	0	0	0	0	0	0	0	0.00	
W	0	0	0	0	0	0	0	0.00	
WNW	0	0	0	0	0	0	0	0.00	
NW	0	0	0	0	0	0	0	0.00	
NNW	0	0	0	0	0	0	0	0.00	
Total	0	0	0	0	0	0	0		
Hours of Calm								:	0
Hours of Varying Wind Direction								:	0
Hours of Missing Data								:	0
Hours of Missing Data for All								:	0
Hours of No Stability Class								:	0
Total hours of observation								:	2

JOINT WIND FREQUENCY DISTRIBUTION BY STABILITY CLASS

SITE: V. C. SUMMER Nuclear Station UNIT 1

Report Date : 03-02-27

Data Period : 2- 2-25 19:00 to 2- 2-25 20:00

Stability Class: B delta T/ delta z 61->10 m Delta T With Substitution

Wind Sensor Height : 10 meter +++ Batch Release Times Only +++

Hours at Each Wind Direction and Speed

Wind Direction	Wind Speed (miles/hour)						Total'	Mean Speed	
	0.75- <4	4- <8	8- <13	13- <19	19- 24	>24			
N	0	0	0	0	0	0	0	0.00	
NNE	0	0	0	0	0	0	0	0.00	
NE	0	0	0	0	0	0	0	0.00	
ENE	0	0	0	0	0	0	0	0.00	
E	0	0	0	0	0	0	0	0.00	
ESE	0	0	0	0	0	0	0	0.00	
SE	0	0	0	0	0	0	0	0.00	
SSE	0	0	0	0	0	0	0	0.00	
S	0	0	0	0	0	0	0	0.00	
SSW	0	0	0	0	0	0	0	0.00	
SW	0	0	0	0	0	0	0	0.00	
WSW	0	0	0	0	0	0	0	0.00	
W	0	0	0	0	0	0	0	0.00	
WNW	0	0	0	0	0	0	0	0.00	
NW	0	0	0	0	0	0	0	0.00	
NNW	0	0	0	0	0	0	0	0.00	
Total	0	0	0	0	0	0	0		
Hours of Calm	:								0
Hours of Varying Wind Direction	:								0
Hours of Missing Data	:								0
Hours of Missing Data for All	:								0
Hours of No Stability Class	:								0
Total hours of observation	:								2

JOINT WIND FREQUENCY DISTRIBUTION BY STABILITY CLASS

SITE: V. C. SUMMER Nuclear Station UNIT 1

Report Date : 03-02-27

Data Period : 2- 2-25 19:00 to 2- 2-25 20:00

Stability Class: C delta T/ delta z 61->10 m Delta T With Substitution

Wind Sensor Height : 10 meter +++ Batch Release Times Only +++

Hours at Each Wind Direction and Speed

Wind Direction	Wind Speed (miles/hour)						Total'	Mean Speed
	0.75- <4	4- <8	8- <13	13- <19	19- 24	>24		
N	0	0	0	0	0	0	0	0.00
NNE	0	0	0	0	0	0	0	0.00
NE	0	0	0	0	0	0	0	0.00
ENE	0	0	0	0	0	0	0	0.00
E	0	0	0	0	0	0	0	0.00
ESE	0	0	0	0	0	0	0	0.00
SE	0	0	0	0	0	0	0	0.00
SSE	0	0	0	0	0	0	0	0.00
S	0	0	0	0	0	0	0	0.00
SSW	0	0	0	0	0	0	0	0.00
SW	0	0	0	0	0	0	0	0.00
WSW	0	0	0	0	0	0	0	0.00
W	0	0	0	0	0	0	0	0.00
WNW	0	0	0	0	0	0	0	0.00
NW	0	0	0	0	0	0	0	0.00
NNW	0	0	0	0	0	0	0	0.00
Total	0	0	0	0	0	0	0	

Hours of Calm : 0
 Hours of Varying Wind Direction : 0
 Hours of Missing Data : 0
 Hours of Missing Data for All : 0
 Hours of No Stability Class : 0
 Total hours of observation : 2

JOINT WIND FREQUENCY DISTRIBUTION BY STABILITY CLASS

SITE: V. C. SUMMER Nuclear Station UNIT 1

Report Date : 03-02-27

Data Period : 2- 2-25 19:00 to 2- 2-25 20:00

Stability Class: D delta T/ delta z 61->10 m Delta T With Substitution

Wind Sensor Height : 10 meter +++ Batch Release Times Only +++

Hours at Each Wind Direction and Speed

Wind Direction	Wind Speed (miles/hour)						Total'	Mean Speed
	0.75- <4	4- <8	8- <13	13- <19	19- 24	>24		
N	0	0	0	0	0	0	0	0.00
NNE	0	0	0	0	0	0	0	0.00
NE	0	0	0	0	0	0	0	0.00
ENE	0	0	0	0	0	0	0	0.00
E	0	0	0	0	0	0	0	0.00
ESE	0	0	0	0	0	0	0	0.00
SE	0	0	0	0	0	0	0	0.00
SSE	0	0	0	0	0	0	0	0.00
S	0	0	0	0	0	0	0	0.00
SSW	0	0	0	0	0	0	0	0.00
SW	0	0	0	0	0	0	0	0.00
WSW	0	0	0	0	0	0	0	0.00
W	0	0	0	0	0	0	0	0.00
WNW	0	0	0	0	0	0	0	0.00
NW	0	0	0	0	0	0	0	0.00
NNW	0	0	0	0	0	0	0	0.00

Total 0 0 0 0 0 0 0

Hours of Calm : 0
 Hours of Varying Wind Direction : 0
 Hours of Missing Data : 0
 Hours of Missing Data for All : 0
 Hours of No Stability Class : 0
 Total hours of observation : 2

JOINT WIND FREQUENCY DISTRIBUTION BY STABILITY CLASS

SITE: V. C. SUMMER Nuclear Station UNIT 1

Report Date : 03-02-27

Data Period : 2- 2-25 19:00 to 2- 2-25 20:00

Stability Class: E delta T/ delta z 61->10 m Delta T With Substitution

Wind Sensor Height : 10 meter +++ Batch Release Times Only +++

Hours at Each Wind Direction and Speed

Wind Direction	Wind Speed (miles/hour)							Total'	Mean Speed
	0.75- <4	4- <8	8- <13	13- <19	19- 24	>24			
N	0	0	0	0	0	0	0	0	0.00
NNE	0	0	0	0	0	0	0	0	0.00
NE	0	0	0	0	0	0	0	0	0.00
ENE	0	0	0	0	0	0	0	0	0.00
E	0	0	0	0	0	0	0	0	0.00
ESE	0	0	0	0	0	0	0	0	0.00
SE	0	0	0	0	0	0	0	0	0.00
SSE	0	0	0	0	0	0	0	0	0.00
S	0	0	0	0	0	0	0	0	0.00
SSW	1	0	0	0	0	0	0	1	3.78
SW	0	1	0	0	0	0	0	1	4.22
WSW	0	0	0	0	0	0	0	0	0.00
W	0	0	0	0	0	0	0	0	0.00
WNW	0	0	0	0	0	0	0	0	0.00
NW	0	0	0	0	0	0	0	0	0.00
NNW	0	0	0	0	0	0	0	0	0.00
Total	1	1	0	0	0	0	0	2	

Hours of Calm : 0
 Hours of Varying Wind Direction : 0
 Hours of Missing Data : 0
 Hours of Missing Data for All : 0
 Hours of No Stability Class : 0
 Total hours of observation : 2

JOINT WIND FREQUENCY DISTRIBUTION BY STABILITY CLASS

SITE: V. C. SUMMER Nuclear Station UNIT 1

Report Date : 03-02-27

Data Period : 2- 2-25 19:00 to 2- 2-25 20:00

Stability Class: F delta T/ delta z 61->10 m Delta T With Substitution

Wind Sensor Height : 10 meter +++ Batch Release Times Only +++

Hours at Each Wind Direction and Speed

Wind Direction	Wind Speed (miles/hour)						Total'	Mean Speed
	0.75- <4	4- <8	8- <13	13- <19	19- 24	>24		
N	0	0	0	0	0	0	0	0.00
NNE	0	0	0	0	0	0	0	0.00
NE	0	0	0	0	0	0	0	0.00
ENE	0	0	0	0	0	0	0	0.00
E	0	0	0	0	0	0	0	0.00
ESE	0	0	0	0	0	0	0	0.00
SE	0	0	0	0	0	0	0	0.00
SSE	0	0	0	0	0	0	0	0.00
S	0	0	0	0	0	0	0	0.00
SSW	0	0	0	0	0	0	0	0.00
SW	0	0	0	0	0	0	0	0.00
WSW	0	0	0	0	0	0	0	0.00
W	0	0	0	0	0	0	0	0.00
WNW	0	0	0	0	0	0	0	0.00
NW	0	0	0	0	0	0	0	0.00
NNW	0	0	0	0	0	0	0	0.00
Total	0	0	0	0	0	0	0	

Hours of Calm : 0
 Hours of Varying Wind Direction : 0
 Hours of Missing Data : 0
 Hours of Missing Data for All : 0
 Hours of No Stability Class : 0
 Total hours of observation : 2

JOINT WIND FREQUENCY DISTRIBUTION BY STABILITY CLASS

SITE: V. C. SUMMER Nuclear Station UNIT 1

Report Date : 03-02-27

Data Period : 2- 2-25 19:00 to 2- 2-25 20:00

Stability Class: G delta T/ delta z 61->10 m Delta T With Substitution

Wind Sensor Height : 10 meter +++ Batch Release Times Only +++

Hours at Each Wind Direction and Speed

Wind Direction	Wind Speed (miles/hour)						Total'	Mean Speed
	0.75- <4	4- <8	8- <13	13- <19	19- 24	>24		
N	0	0	0	0	0	0	0	0.00
NNE	0	0	0	0	0	0	0	0.00
NE	0	0	0	0	0	0	0	0.00
ENE	0	0	0	0	0	0	0	0.00
E	0	0	0	0	0	0	0	0.00
ESE	0	0	0	0	0	0	0	0.00
SE	0	0	0	0	0	0	0	0.00
SSE	0	0	0	0	0	0	0	0.00
S	0	0	0	0	0	0	0	0.00
SSW	0	0	0	0	0	0	0	0.00
SW	0	0	0	0	0	0	0	0.00
WSW	0	0	0	0	0	0	0	0.00
W	0	0	0	0	0	0	0	0.00
WNW	0	0	0	0	0	0	0	0.00
NW	0	0	0	0	0	0	0	0.00
NNW	0	0	0	0	0	0	0	0.00
Total	0	0	0	0	0	0	0	

Hours of Calm : 0
 Hours of Varying Wind Direction : 0
 Hours of Missing Data : 0
 Hours of Missing Data for All : 0
 Hours of No Stability Class : 0
 Total hours of observation : 2

JOINT WIND FREQUENCY DISTRIBUTION BY STABILITY CLASS

SITE: V. C. SUMMER Nuclear Station UNIT 1

Report Date : 03-02-27

Data Period : 2- 2-25 19:00 to 2- 2-25 20:00

Stability Class:ALL delta T/ delta z 61->10 m Delta T With Substitution

Wind Sensor Height : 10 meter +++ Batch Release Times Only +++

Hours at Each Wind Direction and Speed

Wind Direction	Wind Speed (miles/hour)						Total'	Mean Speed
	0.75- <4	4- <8	8- <13	13- <19	19- 24	>24		
N	0	0	0	0	0	0	0	0.00
NNE	0	0	0	0	0	0	0	0.00
NE	0	0	0	0	0	0	0	0.00
ENE	0	0	0	0	0	0	0	0.00
E	0	0	0	0	0	0	0	0.00
ESE	0	0	0	0	0	0	0	0.00
SE	0	0	0	0	0	0	0	0.00
SSE	0	0	0	0	0	0	0	0.00
S	0	0	0	0	0	0	0	0.00
SSW	1	0	0	0	0	0	1	3.78
SW	0	1	0	0	0	0	1	4.22
WSW	0	0	0	0	0	0	0	0.00
W	0	0	0	0	0	0	0	0.00
WNW	0	0	0	0	0	0	0	0.00
NW	0	0	0	0	0	0	0	0.00
NNW	0	0	0	0	0	0	0	0.00
Total	1	1	0	0	0	0	2	

Hours of Calm : 0
 Hours of Varying Wind Direction : 0
 Hours of Missing Data for All : 0
 Hours of No Stability Class : 0
 Total hours of observation : 2

SITE: V. C. SUMMER Nuclear Station UNIT 1

Report Date : 03-02-27

Data Period : 2- 6-11 13:00 to 2- 6-11 18:00

Stability Class: A delta T/ delta z 61->10 m Delta T With Substitution

Wind Sensor Height : 10 meter +++ Batch Release Times Only +++
 Hours at Each Wind Direction and Speed

Wind Direction	Wind Speed (miles/hour)						Total'	Mean Speed	
	0.75- <4	4- <8	8- <13	13- <19	19- 24	>24			
N	0	0	0	0	0	0	0	0.00	
NNE	0	0	0	0	0	0	0	0.00	
NE	0	0	0	0	0	0	0	0.00	
ENE	0	0	0	0	0	0	0	0.00	
E	0	0	0	0	0	0	0	0.00	
ESE	0	0	0	0	0	0	0	0.00	
SE	0	0	0	0	0	0	0	0.00	
SSE	0	0	0	0	0	0	0	0.00	
S	0	0	0	0	0	0	0	0.00	
SSW	0	0	0	0	0	0	0	0.00	
SW	0	0	0	0	0	0	0	0.00	
WSW	0	0	0	0	0	0	0	0.00	
W	0	0	0	0	0	0	0	0.00	
WNW	0	0	0	0	0	0	0	0.00	
NW	0	0	0	0	0	0	0	0.00	
NNW	0	0	0	0	0	0	0	0.00	
Total	0	0	0	0	0	0	0		
Hours of Calm									0
Hours of Varying Wind Direction									0
Hours of Missing Data									4
Hours of Missing Data for All									6
Hours of No Stability Class									0
Total hours of observation									6

JOINT WIND FREQUENCY DISTRIBUTION BY STABILITY CLASS

SITE: V. C. SUMMER Nuclear Station UNIT 1

Report Date : 03-02-27

Data Period : 2- 6-11 13:00 to 2- 6-11 18:00

Stability Class: B delta T/ delta z 61->10 m Delta T With Substitution

Wind Sensor Height : 10 meter +++ Batch Release Times Only +++

Hours at Each Wind Direction and Speed

Wind Direction	Wind Speed (miles/hour)						Total'	Mean Speed
	0.75- <4	4- <8	8- <13	13- <19	19- 24	>24		
N	0	0	0	0	0	0	0	0.00
NNE	0	0	0	0	0	0	0	0.00
NE	0	0	0	0	0	0	0	0.00
ENE	0	0	0	0	0	0	0	0.00
E	0	0	0	0	0	0	0	0.00
ESE	0	0	0	0	0	0	0	0.00
SE	0	0	0	0	0	0	0	0.00
SSE	0	0	0	0	0	0	0	0.00
S	0	0	0	0	0	0	0	0.00
SSW	0	0	0	0	0	0	0	0.00
SW	0	0	0	0	0	0	0	0.00
WSW	0	0	0	0	0	0	0	0.00
W	0	0	0	0	0	0	0	0.00
WNW	0	0	0	0	0	0	0	0.00
NW	0	0	0	0	0	0	0	0.00
NNW	0	0	0	0	0	0	0	0.00
Total	0	0	0	0	0	0	0	

Hours of Calm : 0
 Hours of Varying Wind Direction : 0
 Hours of Missing Data : 0
 Hours of Missing Data for All : 6
 Hours of No Stability Class : 0
 Total hours of observation : 6

JOINT WIND FREQUENCY DISTRIBUTION BY STABILITY CLASS

SITE: V. C. SUMMER Nuclear Station UNIT 1

Report Date : 03-02-27

Data Period : 2- 6-11 13:00 to 2- 6-11 18:00

Stability Class: C delta T/ delta z 61->10 m Delta T With Substitution

Wind Sensor Height : 10 meter +++ Batch Release Times Only +++

Hours at Each Wind Direction and Speed

Wind Direction	Wind Speed (miles/hour)						Total'	Mean Speed	
	0.75- <4	4- <8	8- <13	13- <19	19- 24	>24			
N	0	0	0	0	0	0	0	0.00	
NNE	0	0	0	0	0	0	0	0.00	
NE	0	0	0	0	0	0	0	0.00	
ENE	0	0	0	0	0	0	0	0.00	
E	0	0	0	0	0	0	0	0.00	
ESE	0	0	0	0	0	0	0	0.00	
SE	0	0	0	0	0	0	0	0.00	
SSE	0	0	0	0	0	0	0	0.00	
S	0	0	0	0	0	0	0	0.00	
SSW	0	0	0	0	0	0	0	0.00	
SW	0	0	0	0	0	0	0	0.00	
WSW	0	0	0	0	0	0	0	0.00	
W	0	0	0	0	0	0	0	0.00	
WNW	0	0	0	0	0	0	0	0.00	
NW	0	0	0	0	0	0	0	0.00	
NNW	0	0	0	0	0	0	0	0.00	
Total	0	0	0	0	0	0	0		
Hours of Calm								:	0
Hours of Varying Wind Direction								:	0
Hours of Missing Data								:	2
Hours of Missing Data for All								:	6
Hours of No Stability Class								:	0
Total hours of observation								:	6

JOINT WIND FREQUENCY DISTRIBUTION BY STABILITY CLASS

SITE: V. C. SUMMER Nuclear Station UNIT 1

Report Date : 03-02-27

Data Period : 2- 6-11 13:00 to 2- 6-11 18:00

Stability Class: D delta T/ delta z 61->10 m Delta T With Substitution

Wind Sensor Height : 10 meter +++ Batch Release Times Only +++

Hours at Each Wind Direction and Speed

Wind Direction	Wind Speed (miles/hour)						Total'	Mean Speed
	0.75- <4	4- <8	8- <13	13- <19	19- 24	>24		
N	0	0	0	0	0	0	0	0.00
NNE	0	0	0	0	0	0	0	0.00
NE	0	0	0	0	0	0	0	0.00
ENE	0	0	0	0	0	0	0	0.00
E	0	0	0	0	0	0	0	0.00
ESE	0	0	0	0	0	0	0	0.00
SE	0	0	0	0	0	0	0	0.00
SSE	0	0	0	0	0	0	0	0.00
S	0	0	0	0	0	0	0	0.00
SSW	0	0	0	0	0	0	0	0.00
SW	0	0	0	0	0	0	0	0.00
WSW	0	0	0	0	0	0	0	0.00
W	0	0	0	0	0	0	0	0.00
WNW	0	0	0	0	0	0	0	0.00
NW	0	0	0	0	0	0	0	0.00
NNW	0	0	0	0	0	0	0	0.00
Total	0	0	0	0	0	0	0	

Hours of Calm : 0
 Hours of Varying Wind Direction : 0
 Hours of Missing Data : 0
 Hours of Missing Data for All : 6
 Hours of No Stability Class : 0
 Total hours of observation : 6

JOINT WIND FREQUENCY DISTRIBUTION BY STABILITY CLASS

SITE: V. C. SUMMER Nuclear Station UNIT 1

Report Date : 03-02-27

Data Period : 2- 6-11 13:00 to 2- 6-11 18:00

Stability Class: E delta T/ delta z 61->10 m Delta T With Substitution

Wind Sensor Height : 10 meter +++ Batch Release Times Only +++

Hours at Each Wind Direction and Speed

Wind Direction	Wind Speed (miles/hour)						Total'	Mean Speed
	0.75- <4	4- <8	8- <13	13- <19	19- 24	>24		
N	0	0	0	0	0	0	0	0.00
NNE	0	0	0	0	0	0	0	0.00
NE	0	0	0	0	0	0	0	0.00
ENE	0	0	0	0	0	0	0	0.00
E	0	0	0	0	0	0	0	0.00
ESE	0	0	0	0	0	0	0	0.00
SE	0	0	0	0	0	0	0	0.00
SSE	0	0	0	0	0	0	0	0.00
S	0	0	0	0	0	0	0	0.00
SSW	0	0	0	0	0	0	0	0.00
SW	0	0	0	0	0	0	0	0.00
WSW	0	0	0	0	0	0	0	0.00
W	0	0	0	0	0	0	0	0.00
WNW	0	0	0	0	0	0	0	0.00
NW	0	0	0	0	0	0	0	0.00
NNW	0	0	0	0	0	0	0	0.00
Total	0	0	0	0	0	0	0	

Hours of Calm : 0
 Hours of Varying Wind Direction : 0
 Hours of Missing Data : 0
 Hours of Missing Data for All : 6
 Hours of No Stability Class : 0
 Total hours of observation : 6

JOINT WIND FREQUENCY DISTRIBUTION BY STABILITY CLASS

SITE: V. C. SUMMER Nuclear Station UNIT 1

Report Date : 03-02-27

Data Period : 2- 6-11 13:00 to 2- 6-11 18:00

Stability Class: F delta T/ delta z 61->10 m Delta T With Substitution

Wind Sensor Height : 10 meter +++ Batch Release Times Only +++
Hours at Each Wind Direction and Speed

Wind Direction	Wind Speed (miles/hour)						Total'	Mean Speed	
	0.75- <4	4- <8	8- <13	13- <19	19- 24	>24			
N	0	0	0	0	0	0	0	0.00	
NNE	0	0	0	0	0	0	0	0.00	
NE	0	0	0	0	0	0	0	0.00	
ENE	0	0	0	0	0	0	0	0.00	
E	0	0	0	0	0	0	0	0.00	
ESE	0	0	0	0	0	0	0	0.00	
SE	0	0	0	0	0	0	0	0.00	
SSE	0	0	0	0	0	0	0	0.00	
S	0	0	0	0	0	0	0	0.00	
SSW	0	0	0	0	0	0	0	0.00	
SW	0	0	0	0	0	0	0	0.00	
WSW	0	0	0	0	0	0	0	0.00	
W	0	0	0	0	0	0	0	0.00	
WNW	0	0	0	0	0	0	0	0.00	
NW	0	0	0	0	0	0	0	0.00	
NNW	0	0	0	0	0	0	0	0.00	
Total	0	0	0	0	0	0	0		
Hours of Calm	:								0
Hours of Varying Wind Direction	:								0
Hours of Missing Data	:								0
Hours of Missing Data for All	:								6
Hours of No Stability Class	:								0
Total hours of observation	:								6

JOINT WIND FREQUENCY DISTRIBUTION BY STABILITY CLASS

SITE: V. C. SUMMER Nuclear Station UNIT 1

Report Date : 03-02-27

Data Period : 2- 6-11 13:00 to 2- 6-11 18:00

Stability Class: G delta T/ delta z 61->10 m Delta T With Substitution

Wind Sensor Height : 10 meter +++ Batch Release Times Only +++

Hours at Each Wind Direction and Speed

Wind Direction	Wind Speed (miles/hour)						Total'	Mean Speed
	0.75- <4	4- <8	8- <13	13- <19	19- 24	>24		
N	0	0	0	0	0	0	0	0.00
NNE	0	0	0	0	0	0	0	0.00
NE	0	0	0	0	0	0	0	0.00
ENE	0	0	0	0	0	0	0	0.00
E	0	0	0	0	0	0	0	0.00
ESE	0	0	0	0	0	0	0	0.00
SE	0	0	0	0	0	0	0	0.00
SSE	0	0	0	0	0	0	0	0.00
S	0	0	0	0	0	0	0	0.00
SSW	0	0	0	0	0	0	0	0.00
SW	0	0	0	0	0	0	0	0.00
WSW	0	0	0	0	0	0	0	0.00
W	0	0	0	0	0	0	0	0.00
WNW	0	0	0	0	0	0	0	0.00
NW	0	0	0	0	0	0	0	0.00
NNW	0	0	0	0	0	0	0	0.00
Total	0	0	0	0	0	0	0	0

Hours of Calm : 0
 Hours of Varying Wind Direction : 0
 Hours of Missing Data : 0
 Hours of Missing Data for All : 6
 Hours of No Stability Class : 0
 Total hours of observation : 6

JOINT WIND FREQUENCY DISTRIBUTION BY STABILITY CLASS

SITE: V. C. SUMMER Nuclear Station UNIT 1

Report Date : 03-02-27

Data Period : 2- 6-11 13:00 to 2- 6-11 18:00

Stability Class: ALL delta T/ delta z 61->10 m Delta T With Substitution

Wind Sensor Height : 10 meter +++ Batch Release Times Only +++
 Hours at Each Wind Direction and Speed

Wind Direction	Wind Speed (miles/hour)						Total'	Mean Speed	
	0.75- <4	4- <8	8- <13	13- <19	19- 24	>24			
N	0	0	0	0	0	0	0	0.00	
NNE	0	0	0	0	0	0	0	0.00	
NE	0	0	0	0	0	0	0	0.00	
ENE	0	0	0	0	0	0	0	0.00	
E	0	0	0	0	0	0	0	0.00	
ESE	0	0	0	0	0	0	0	0.00	
SE	0	0	0	0	0	0	0	0.00	
SSE	0	0	0	0	0	0	0	0.00	
S	0	0	0	0	0	0	0	0.00	
SSW	0	0	0	0	0	0	0	0.00	
SW	0	0	0	0	0	0	0	0.00	
WSW	0	0	0	0	0	0	0	0.00	
W	0	0	0	0	0	0	0	0.00	
WNW	0	0	0	0	0	0	0	0.00	
NW	0	0	0	0	0	0	0	0.00	
NNW	0	0	0	0	0	0	0	0.00	
Total	0	0	0	0	0	0	0	0.00	
Hours of Calm	:								0
Hours of Varying Wind Direction	:								0
Hours of Missing Data for All	:								6
Hours of No Stability Class	:								0
Total hours of observation	:								6

JOINT WIND FREQUENCY DISTRIBUTION BY STABILITY CLASS

SITE: V. C. SUMMER Nuclear Station UNIT 1

Report Date : 03-02-27

Data Period : 2- 6-17 11:00 to 2- 6-17 15:00

Stability Class: A delta T/ delta z 61->10 m Delta T With Substitution

Wind Sensor Height : 10 meter +++ Batch Release Times Only +++

Hours at Each Wind Direction and Speed

Wind Direction	Wind Speed (miles/hour)						Total'	Mean Speed	
	0.75- <4	4- <8	8- <13	13- <19	19- 24	>24			
N	0	0	0	0	0	0	0	0.00	
NNE	0	0	0	0	0	0	0	0.00	
NE	0	0	0	0	0	0	0	0.00	
ENE	0	0	0	0	0	0	0	0.00	
E	0	0	0	0	0	0	0	0.00	
ESE	0	0	0	0	0	0	0	0.00	
SE	0	0	0	0	0	0	0	0.00	
SSE	0	0	0	0	0	0	0	0.00	
S	0	0	0	0	0	0	0	0.00	
SSW	0	0	0	0	0	0	0	0.00	
SW	0	0	0	0	0	0	0	0.00	
WSW	0	0	0	0	0	0	0	0.00	
W	0	0	0	0	0	0	0	0.00	
WNW	0	0	0	0	0	0	0	0.00	
NW	0	0	0	0	0	0	0	0.00	
NNW	0	0	0	0	0	0	0	0.00	
Total	0	0	0	0	0	0	0		
Hours of Calm								:	0
Hours of Varying Wind Direction								:	0
Hours of Missing Data								:	4
Hours of Missing Data for All								:	5
Hours of No Stability Class								:	0
Total hours of observation								:	5

JOINT WIND FREQUENCY DISTRIBUTION BY STABILITY CLASS

SITE: V. C. SUMMER Nuclear Station UNIT 1

Report Date : 03-02-27

Data Period : 2- 6-17 11:00 to 2- 6-17 15:00

Stability Class: B delta T/ delta z 61->10 m Delta T With Substitution

Wind Sensor Height : 10 meter +++ Batch Release Times Only +++

Hours at Each Wind Direction and Speed

Wind Direction	Wind Speed (miles/hour)						Total'	Mean Speed	
	0.75- <4	4- <8	8- <13	13- <19	19- 24	>24			
N	0	0	0	0	0	0	0	0.00	
NNE	0	0	0	0	0	0	0	0.00	
NE	0	0	0	0	0	0	0	0.00	
ENE	0	0	0	0	0	0	0	0.00	
E	0	0	0	0	0	0	0	0.00	
ESE	0	0	0	0	0	0	0	0.00	
SE	0	0	0	0	0	0	0	0.00	
SSE	0	0	0	0	0	0	0	0.00	
S	0	0	0	0	0	0	0	0.00	
SSW	0	0	0	0	0	0	0	0.00	
SW	0	0	0	0	0	0	0	0.00	
WSW	0	0	0	0	0	0	0	0.00	
W	0	0	0	0	0	0	0	0.00	
WNW	0	0	0	0	0	0	0	0.00	
NW	0	0	0	0	0	0	0	0.00	
NNW	0	0	0	0	0	0	0	0.00	
Total	0	0	0	0	0	0	0		
Hours of Calm								:	0
Hours of Varying Wind Direction								:	0
Hours of Missing Data								:	1
Hours of Missing Data for All								:	5
Hours of No Stability Class								:	0
Total hours of observation								:	5

JOINT WIND FREQUENCY DISTRIBUTION BY STABILITY CLASS

SITE: V. C. SUMMER Nuclear Station UNIT 1

Report Date : 03-02-27

Data Period : 2- 6-17 11:00 to 2- 6-17 15:00

Stability Class: C delta T/ delta z 61->10 m Delta T With Substitution

Wind Sensor Height : 10 meter +++ Batch Release Times Only +++

Hours at Each Wind Direction and Speed

Wind Direction	Wind Speed (miles/hour)						Total'	Mean Speed
	0.75- <4	4- <8	8- <13	13- <19	19- 24	>24		
N	0	0	0	0	0	0	0	0.00
NNE	0	0	0	0	0	0	0	0.00
NE	0	0	0	0	0	0	0	0.00
ENE	0	0	0	0	0	0	0	0.00
E	0	0	0	0	0	0	0	0.00
ESE	0	0	0	0	0	0	0	0.00
SE	0	0	0	0	0	0	0	0.00
SSE	0	0	0	0	0	0	0	0.00
S	0	0	0	0	0	0	0	0.00
SSW	0	0	0	0	0	0	0	0.00
SW	0	0	0	0	0	0	0	0.00
WSW	0	0	0	0	0	0	0	0.00
W	0	0	0	0	0	0	0	0.00
WNW	0	0	0	0	0	0	0	0.00
NW	0	0	0	0	0	0	0	0.00
NNW	0	0	0	0	0	0	0	0.00
Total	0	0	0	0	0	0	0	
Hours of Calm	: 0							
Hours of Varying Wind Direction	: 0							
Hours of Missing Data	: 0							
Hours of Missing Data for All	: 5							
Hours of No Stability Class	: 0							
Total hours of observation	: 5							

JOINT WIND FREQUENCY DISTRIBUTION BY STABILITY CLASS

SITE: V. C. SUMMER Nuclear Station UNIT 1

Report Date : 03-02-27

Data Period : 2- 6-17 11:00 to 2- 6-17 15:00

Stability Class: D delta T/ delta z 61->10 m Delta T With Substitution

Wind Sensor Height : 10 meter +++ Batch Release Times Only +++

Hours at Each Wind Direction and Speed

Wind Direction	Wind Speed (miles/hour)							Total'	Mean Speed
	0.75- <4	4- <8	8- <13	13- <19	19- 24	>24			
N	0	0	0	0	0	0	0	0.00	
NNE	0	0	0	0	0	0	0	0.00	
NE	0	0	0	0	0	0	0	0.00	
ENE	0	0	0	0	0	0	0	0.00	
E	0	0	0	0	0	0	0	0.00	
ESE	0	0	0	0	0	0	0	0.00	
SE	0	0	0	0	0	0	0	0.00	
SSE	0	0	0	0	0	0	0	0.00	
S	0	0	0	0	0	0	0	0.00	
SSW	0	0	0	0	0	0	0	0.00	
SW	0	0	0	0	0	0	0	0.00	
WSW	0	0	0	0	0	0	0	0.00	
W	0	0	0	0	0	0	0	0.00	
WNW	0	0	0	0	0	0	0	0.00	
NW	0	0	0	0	0	0	0	0.00	
NNW	0	0	0	0	0	0	0	0.00	
Total	0	0	0	0	0	0	0		
Hours of Calm	:								0
Hours of Varying Wind Direction	:								0
Hours of Missing Data	:								0
Hours of Missing Data for All	:								5
Hours of No Stability Class	:								0
Total hours of observation	:								5

JOINT WIND FREQUENCY DISTRIBUTION BY STABILITY CLASS

SITE: V. C. SUMMER Nuclear Station UNIT 1

Report Date : 03-02-27

Data Period : 2- 6-17 11:00 to 2- 6-17 15:00

Stability Class: E delta T/ delta z 61->10 m Delta T With Substitution

Wind Sensor Height : 10 meter +++ Batch Release Times Only +++

Hours at Each Wind Direction and Speed

Wind Direction	Wind Speed (miles/hour)						Total'	Mean Speed
	0.75- <4	4- <8	8- <13	13- <19	19- 24	>24		
N	0	0	0	0	0	0	0	0.00
NNE	0	0	0	0	0	0	0	0.00
NE	0	0	0	0	0	0	0	0.00
ENE	0	0	0	0	0	0	0	0.00
E	0	0	0	0	0	0	0	0.00
ESE	0	0	0	0	0	0	0	0.00
SE	0	0	0	0	0	0	0	0.00
SSE	0	0	0	0	0	0	0	0.00
S	0	0	0	0	0	0	0	0.00
SSW	0	0	0	0	0	0	0	0.00
SW	0	0	0	0	0	0	0	0.00
WSW	0	0	0	0	0	0	0	0.00
W	0	0	0	0	0	0	0	0.00
WNW	0	0	0	0	0	0	0	0.00
NW	0	0	0	0	0	0	0	0.00
NNW	0	0	0	0	0	0	0	0.00
Total	0	0	0	0	0	0	0	
Hours of Calm	: 0							
Hours of Varying Wind Direction	: 0							
Hours of Missing Data	: 0							
Hours of Missing Data for All	: 5							
Hours of No Stability Class	: 0							
Total hours of observation	: 5							

JOINT WIND FREQUENCY DISTRIBUTION BY STABILITY CLASS

SITE: V. C. SUMMER Nuclear Station UNIT 1

Report Date : 03-02-27

Data Period : 2- 6-17 11:00 to 2- 6-17 15:00

Stability Class: F delta T/ delta z 61->10 m Delta T With Substitution

Wind Sensor Height : 10 meter +++ Batch Release Times Only +++

Hours at Each Wind Direction and Speed

Wind Direction	Wind Speed (miles/hour)						Total'	Mean Speed	
	0.75- <4	4- <8	8- <13	13- <19	19- 24	>24			
N	0	0	0	0	0	0	0	0.00	
NNE	0	0	0	0	0	0	0	0.00	
NE	0	0	0	0	0	0	0	0.00	
ENE	0	0	0	0	0	0	0	0.00	
E	0	0	0	0	0	0	0	0.00	
ESE	0	0	0	0	0	0	0	0.00	
SE	0	0	0	0	0	0	0	0.00	
SSE	0	0	0	0	0	0	0	0.00	
S	0	0	0	0	0	0	0	0.00	
SSW	0	0	0	0	0	0	0	0.00	
SW	0	0	0	0	0	0	0	0.00	
WSW	0	0	0	0	0	0	0	0.00	
W	0	0	0	0	0	0	0	0.00	
WNW	0	0	0	0	0	0	0	0.00	
NW	0	0	0	0	0	0	0	0.00	
NNW	0	0	0	0	0	0	0	0.00	
Total	0	0	0	0	0	0	0		
Hours of Calm								:	0
Hours of Varying Wind Direction								:	0
Hours of Missing Data								:	0
Hours of Missing Data for All								:	5
Hours of No Stability Class								:	0
Total hours of observation								:	5

JOINT WIND FREQUENCY DISTRIBUTION BY STABILITY CLASS

SITE: V. C. SUMMER Nuclear Station UNIT 1

Report Date : 03-02-27

Data Period : 2- 6-17 11:00 to 2- 6-17 15:00

Stability Class: G delta T/ delta z 61->10 m Delta T With Substitution

Wind Sensor Height : 10 meter +++ Batch Release Times Only +++
 Hours at Each Wind Direction and Speed

Wind Direction	Wind Speed (miles/hour)						Total'	Mean Speed	
	0.75- <4	4- <8	8- <13	13- <19	19- 24	>24			
N	0	0	0	0	0	0	0	0.00	
NNE	0	0	0	0	0	0	0	0.00	
NE	0	0	0	0	0	0	0	0.00	
ENE	0	0	0	0	0	0	0	0.00	
E	0	0	0	0	0	0	0	0.00	
ESE	0	0	0	0	0	0	0	0.00	
SE	0	0	0	0	0	0	0	0.00	
SSE	0	0	0	0	0	0	0	0.00	
S	0	0	0	0	0	0	0	0.00	
SSW	0	0	0	0	0	0	0	0.00	
SW	0	0	0	0	0	0	0	0.00	
WSW	0	0	0	0	0	0	0	0.00	
W	0	0	0	0	0	0	0	0.00	
WNW	0	0	0	0	0	0	0	0.00	
NW	0	0	0	0	0	0	0	0.00	
NNW	0	0	0	0	0	0	0	0.00	
Total	0	0	0	0	0	0	0		
Hours of Calm								:	0
Hours of Varying Wind Direction								:	0
Hours of Missing Data								:	0
Hours of Missing Data for All								:	5
Hours of No Stability Class								:	0
Total hours of observation								:	5

JOINT WIND FREQUENCY DISTRIBUTION BY STABILITY CLASS

SITE: V. C. SUMMER Nuclear Station UNIT 1

Report Date : 03-02-27

Data Period : 2- 6-17 11:00 to 2- 6-17 15:00

Stability Class:ALL delta T/ delta z 61->10 m Delta T With Substitution

Wind Sensor Height : 10 meter +++ Batch Release Times Only +++

Hours at Each Wind Direction and Speed

Wind Direction	Wind Speed (miles/hour)						Total'	Mean Speed	
	0.75- <4	4- <8	8- <13	13- <19	19- 24	>24			
N	0	0	0	0	0	0	0	0.00	
NNE	0	0	0	0	0	0	0	0.00	
NE	0	0	0	0	0	0	0	0.00	
ENE	0	0	0	0	0	0	0	0.00	
E	0	0	0	0	0	0	0	0.00	
ESE	0	0	0	0	0	0	0	0.00	
SE	0	0	0	0	0	0	0	0.00	
SSE	0	0	0	0	0	0	0	0.00	
S	0	0	0	0	0	0	0	0.00	
SSW	0	0	0	0	0	0	0	0.00	
SW	0	0	0	0	0	0	0	0.00	
WSW	0	0	0	0	0	0	0	0.00	
W	0	0	0	0	0	0	0	0.00	
WNW	0	0	0	0	0	0	0	0.00	
NW	0	0	0	0	0	0	0	0.00	
NNW	0	0	0	0	0	0	0	0.00	
Total	0	0	0	0	0	0	0		
Hours of Calm								:	0
Hours of Varying Wind Direction								:	0
Hours of Missing Data for All								:	5
Hours of No Stability Class								:	0
Total hours of observation								:	5

JOINT WIND FREQUENCY DISTRIBUTION BY STABILITY CLASS

SITE: V. C. SUMMER Nuclear Station UNIT 1

Report Date : 03-02-27

Data Period : 2- 7- 9 08:00 to 2- 7- 9 10:00

Stability Class: A delta T/ delta z 61->10 m Delta T With Substitution

Wind Sensor Height : 10 meter +++ Batch Release Times Only +++

Hours at Each Wind Direction and Speed

Wind Direction	Wind Speed (miles/hour)						Total'	Mean Speed
	0.75- <4	4- <8	8- <13	13- <19	19- 24	>24		
N	0	0	0	0	0	0	0	0.00
NNE	0	0	0	0	0	0	0	0.00
NE	0	0	0	0	0	0	0	0.00
ENE	0	0	0	0	0	0	0	0.00
E	0	0	0	0	0	0	0	0.00
ESE	0	0	0	0	0	0	0	0.00
SE	0	0	0	0	0	0	0	0.00
SSE	0	0	0	0	0	0	0	0.00
S	0	0	0	0	0	0	0	0.00
SSW	0	0	0	0	0	0	0	0.00
SW	0	0	0	0	0	0	0	0.00
WSW	0	1	0	0	0	0	1	5.70
W	0	1	0	0	0	0	1	6.19
WNW	0	0	0	0	0	0	0	0.00
NW	0	0	0	0	0	0	0	0.00
NNW	0	0	0	0	0	0	0	0.00
Total	0	2	0	0	0	0	2	

Hours of Calm : 0
 Hours of Varying Wind Direction : 0
 Hours of Missing Data : 0
 Hours of Missing Data for All : 0
 Hours of No Stability Class : 0
 Total hours of observation : 3

JOINT WIND FREQUENCY DISTRIBUTION BY STABILITY CLASS

SITE: V. C. SUMMER Nuclear Station UNIT 1

Report Date : 03-02-27

Data Period : 2- 7- 9 08:00 to 2- 7- 9 10:00

Stability Class: B delta T/ delta z 61->10 m Delta T With Substitution

Wind Sensor Height : 10 meter +++ Batch Release Times Only +++

Hours at Each Wind Direction and Speed

Wind Direction	Wind Speed (miles/hour)						Total'	Mean Speed
	0.75- <4	4- <8	8- <13	13- <19	19- 24	>24		
N	0	0	0	0	0	0	0	0.00
NNE	0	0	0	0	0	0	0	0.00
NE	0	0	0	0	0	0	0	0.00
ENE	0	0	0	0	0	0	0	0.00
E	0	0	0	0	0	0	0	0.00
ESE	0	0	0	0	0	0	0	0.00
SE	0	0	0	0	0	0	0	0.00
SSE	0	0	0	0	0	0	0	0.00
S	0	0	0	0	0	0	0	0.00
SSW	0	0	0	0	0	0	0	0.00
SW	0	0	0	0	0	0	0	0.00
WSW	0	1	0	0	0	0	1	4.65
W	0	0	0	0	0	0	0	0.00
WNW	0	0	0	0	0	0	0	0.00
NW	0	0	0	0	0	0	0	0.00
NNW	0	0	0	0	0	0	0	0.00
Total	0	1	0	0	0	0	1	

Hours of Calm : 0
 Hours of Varying Wind Direction : 0
 Hours of Missing Data : 0
 Hours of Missing Data for All : 0
 Hours of No Stability Class : 0
 Total hours of observation : 3

JOINT WIND FREQUENCY DISTRIBUTION BY STABILITY CLASS

SITE: V. C. SUMMER Nuclear Station UNIT 1

Report Date : 03-02-27

Data Period : 2- 7- 9 08:00 to 2- 7- 9 10:00

Stability Class: C delta T/ delta z 61->10 m Delta T With Substitution

Wind Sensor Height : 10 meter +++ Batch Release Times Only +++

Hours at Each Wind Direction and Speed

Wind Direction	Wind Speed (miles/hour)						Total'	Mean Speed
	0.75- <4	4- <8	8- <13	13- <19	19- 24	>24		
N	0	0	0	0	0	0	0	0.00
NNE	0	0	0	0	0	0	0	0.00
NE	0	0	0	0	0	0	0	0.00
ENE	0	0	0	0	0	0	0	0.00
E	0	0	0	0	0	0	0	0.00
ESE	0	0	0	0	0	0	0	0.00
SE	0	0	0	0	0	0	0	0.00
SSE	0	0	0	0	0	0	0	0.00
S	0	0	0	0	0	0	0	0.00
SSW	0	0	0	0	0	0	0	0.00
SW	0	0	0	0	0	0	0	0.00
WSW	0	0	0	0	0	0	0	0.00
W	0	0	0	0	0	0	0	0.00
WNW	0	0	0	0	0	0	0	0.00
NW	0	0	0	0	0	0	0	0.00
NNW	0	0	0	0	0	0	0	0.00
Total	0	0	0	0	0	0	0	

Hours of Calm : 0
 Hours of Varying Wind Direction : 0
 Hours of Missing Data : 0
 Hours of Missing Data for All : 0
 Hours of No Stability Class : 0
 Total hours of observation : 3

JOINT WIND FREQUENCY DISTRIBUTION BY STABILITY CLASS

SITE: V. C. SUMMER Nuclear Station UNIT 1

Report Date : 03-02-27

Data Period : 2- 7- 9 08:00 to 2- 7- 9 10:00

Stability Class: D delta T/ delta z 61->10 m Delta T With Substitution

Wind Sensor Height : 10 meter +++ Batch Release Times Only +++

Hours at Each Wind Direction and Speed

Wind Direction	Wind Speed (miles/hour)						Total'	Mean Speed
	0.75- <4	4- <8	8- <13	13- <19	19- 24	>24		
N	0	0	0	0	0	0	0	0.00
NNE	0	0	0	0	0	0	0	0.00
NE	0	0	0	0	0	0	0	0.00
ENE	0	0	0	0	0	0	0	0.00
E	0	0	0	0	0	0	0	0.00
ESE	0	0	0	0	0	0	0	0.00
SE	0	0	0	0	0	0	0	0.00
SSE	0	0	0	0	0	0	0	0.00
S	0	0	0	0	0	0	0	0.00
SSW	0	0	0	0	0	0	0	0.00
SW	0	0	0	0	0	0	0	0.00
WSW	0	0	0	0	0	0	0	0.00
W	0	0	0	0	0	0	0	0.00
WNW	0	0	0	0	0	0	0	0.00
NW	0	0	0	0	0	0	0	0.00
NNW	0	0	0	0	0	0	0	0.00
Total	0	0	0	0	0	0	0	

Hours of Calm : 0
 Hours of Varying Wind Direction : 0
 Hours of Missing Data : 0
 Hours of Missing Data for All : 0
 Hours of No Stability Class : 0
 Total hours of observation : 3

JOINT WIND FREQUENCY DISTRIBUTION BY STABILITY CLASS

SITE: V. C. SUMMER Nuclear Station UNIT 1

Report Date : 03-02-27

Data Period : 2- 7- 9 08:00 to 2- 7- 9 10:00

Stability Class: E delta T/ delta z 61->10 m Delta T With Substitution

Wind Sensor Height : 10 meter +++ Batch Release Times Only +++

Hours at Each Wind Direction and Speed

Wind Direction	Wind Speed (miles/hour)						Total'	Mean Speed
	0.75- <4	4- <8	8- <13	13- <19	19- 24	>24		
N	0	0	0	0	0	0	0	0.00
NNE	0	0	0	0	0	0	0	0.00
NE	0	0	0	0	0	0	0	0.00
ENE	0	0	0	0	0	0	0	0.00
E	0	0	0	0	0	0	0	0.00
ESE	0	0	0	0	0	0	0	0.00
SE	0	0	0	0	0	0	0	0.00
SSE	0	0	0	0	0	0	0	0.00
S	0	0	0	0	0	0	0	0.00
SSW	0	0	0	0	0	0	0	0.00
SW	0	0	0	0	0	0	0	0.00
WSW	0	0	0	0	0	0	0	0.00
W	0	0	0	0	0	0	0	0.00
WNW	0	0	0	0	0	0	0	0.00
NW	0	0	0	0	0	0	0	0.00
NNW	0	0	0	0	0	0	0	0.00
Total	0	0	0	0	0	0	0	

Hours of Calm : 0
 Hours of Varying Wind Direction : 0
 Hours of Missing Data : 0
 Hours of Missing Data for All : 0
 Hours of No Stability Class : 0
 Total hours of observation : 3

JOINT WIND FREQUENCY DISTRIBUTION BY STABILITY CLASS

SITE: V. C. SUMMER Nuclear Station UNIT 1

Report Date : 03-02-27

Data Period : 2- 7- 9 08:00 to 2- 7- 9 10:00

Stability Class: F delta T/ delta z 61->10 m Delta T With Substitution

Wind Sensor Height : 10 meter +++ Batch Release Times Only +++

Hours at Each Wind Direction and Speed

Wind Direction	Wind Speed (miles/hour)						Total'	Mean Speed
	0.75- <4	4- <8	8- <13	13- <19	19- 24	>24		
N	0	0	0	0	0	0	0	0.00
NNE	0	0	0	0	0	0	0	0.00
NE	0	0	0	0	0	0	0	0.00
ENE	0	0	0	0	0	0	0	0.00
E	0	0	0	0	0	0	0	0.00
ESE	0	0	0	0	0	0	0	0.00
SE	0	0	0	0	0	0	0	0.00
SSE	0	0	0	0	0	0	0	0.00
S	0	0	0	0	0	0	0	0.00
SSW	0	0	0	0	0	0	0	0.00
SW	0	0	0	0	0	0	0	0.00
WSW	0	0	0	0	0	0	0	0.00
W	0	0	0	0	0	0	0	0.00
WNW	0	0	0	0	0	0	0	0.00
NW	0	0	0	0	0	0	0	0.00
NNW	0	0	0	0	0	0	0	0.00
Total	0	0	0	0	0	0	0	

Hours of Calm : 0
 Hours of Varying Wind Direction : 0
 Hours of Missing Data : 0
 Hours of Missing Data for All : 0
 Hours of No Stability Class : 0
 Total hours of observation : 3

JOINT WIND FREQUENCY DISTRIBUTION BY STABILITY CLASS

SITE: V. C. SUMMER Nuclear Station UNIT 1

Report Date : 03-02-27

Data Period : 2- 7- 9 08:00 to 2- 7- 9 10:00

Stability Class: G delta T/ delta z 61->10 m Delta T With Substitution

Wind Sensor Height : 10 meter +++ Batch Release Times Only +++

Hours at Each Wind Direction and Speed

Wind Direction	Wind Speed (miles/hour)						Total'	Mean Speed
	0.75- <4	4- <8	8- <13	13- <19	19- 24	>24		
N	0	0	0	0	0	0	0	0.00
NNE	0	0	0	0	0	0	0	0.00
NE	0	0	0	0	0	0	0	0.00
ENE	0	0	0	0	0	0	0	0.00
E	0	0	0	0	0	0	0	0.00
ESE	0	0	0	0	0	0	0	0.00
SE	0	0	0	0	0	0	0	0.00
SSE	0	0	0	0	0	0	0	0.00
S	0	0	0	0	0	0	0	0.00
SSW	0	0	0	0	0	0	0	0.00
SW	0	0	0	0	0	0	0	0.00
WSW	0	0	0	0	0	0	0	0.00
W	0	0	0	0	0	0	0	0.00
WNW	0	0	0	0	0	0	0	0.00
NW	0	0	0	0	0	0	0	0.00
NNW	0	0	0	0	0	0	0	0.00

Total 0 0 0 0 0 0 0 0

Hours of Calm : 0
 Hours of Varying Wind Direction : 0
 Hours of Missing Data : 0
 Hours of Missing Data for All : 0
 Hours of No Stability Class : 0
 Total hours of observation : 3

JOINT WIND FREQUENCY DISTRIBUTION BY STABILITY CLASS

SITE: V. C. SUMMER Nuclear Station UNIT 1

Report Date : 03-02-27

Data Period : 2- 7- 9 08:00 to 2- 7- 9 10:00

Stability Class:ALL delta T/ delta z 61->10 m Delta T With Substitution

Wind Sensor Height : 10 meter +++ Batch Release Times Only +++

Hours at Each Wind Direction and Speed

Wind Direction	Wind Speed (miles/hour)							Total'	Mean Speed
	0.75- <4	4- <8	8- <13	13- <19	19- 24	>24			
N	0	0	0	0	0	0	0	0	0.00
NNE	0	0	0	0	0	0	0	0	0.00
NE	0	0	0	0	0	0	0	0	0.00
ENE	0	0	0	0	0	0	0	0	0.00
E	0	0	0	0	0	0	0	0	0.00
ESE	0	0	0	0	0	0	0	0	0.00
SE	0	0	0	0	0	0	0	0	0.00
SSE	0	0	0	0	0	0	0	0	0.00
S	0	0	0	0	0	0	0	0	0.00
SSW	0	0	0	0	0	0	0	0	0.00
SW	0	0	0	0	0	0	0	0	0.00
WSW	0	2	0	0	0	0	0	2	5.17
W	0	1	0	0	0	0	0	1	6.19
WNW	0	0	0	0	0	0	0	0	0.00
NW	0	0	0	0	0	0	0	0	0.00
NNW	0	0	0	0	0	0	0	0	0.00
Total	0	3	0	0	0	0	0	3	
Hours of Calm	: 0								
Hours of Varying Wind Direction	: 0								
Hours of Missing Data for All	: 0								
Hours of No Stability Class	: 0								
Total hours of observation	: 3								

JOINT WIND FREQUENCY DISTRIBUTION BY STABILITY CLASS

SITE: V. C. SUMMER Nuclear Station UNIT 1

Report Date : 03-02-27

Data Period : 2- 8- 8 09:00 to 2- 8- 8 10:00

Stability Class: A delta T/ delta z 61->10 m Delta T With Substitution

Wind Sensor Height : 10 meter +++ Batch Release Times Only +++

Hours at Each Wind Direction and Speed

Wind Direction	Wind Speed (miles/hour)						Total'	Mean Speed
	0.75- <4	4- <8	8- <13	13- <19	19- 24	>24		
N	0	0	0	0	0	0	0	0.00
NNE	0	0	0	0	0	0	0	0.00
NE	0	1	0	0	0	0	1	4.75
ENE	0	0	0	0	0	0	0	0.00
E	0	0	0	0	0	0	0	0.00
ESE	0	0	0	0	0	0	0	0.00
SE	0	0	0	0	0	0	0	0.00
SSE	0	0	0	0	0	0	0	0.00
S	0	0	0	0	0	0	0	0.00
SSW	0	0	0	0	0	0	0	0.00
SW	0	0	0	0	0	0	0	0.00
WSW	0	0	0	0	0	0	0	0.00
W	0	0	0	0	0	0	0	0.00
WNW	0	0	0	0	0	0	0	0.00
NW	0	0	0	0	0	0	0	0.00
NNW	0	0	0	0	0	0	0	0.00
Total	0	1	0	0	0	0	1	

Hours of Calm : 0
 Hours of Varying Wind Direction : 0
 Hours of Missing Data : 0
 Hours of Missing Data for All : 0
 Hours of No Stability Class : 0
 Total hours of observation : 2

JOINT WIND FREQUENCY DISTRIBUTION BY STABILITY CLASS

SITE: V. C. SUMMER Nuclear Station UNIT 1

Report Date : 03-02-27

Data Period : 2- 8- 8 09:00 to 2- 8- 8 10:00

Stability Class: B delta T/ delta z 61->10 m Delta T With Substitution

Wind Sensor Height : 10 meter +++ Batch Release Times Only +++

Hours at Each Wind Direction and Speed

Wind Direction	Wind Speed (miles/hour)						Total'	Mean Speed
	0.75- <4	4- <8	8- <13	13- <19	19- 24	>24		
N	0	0	0	0	0	0	0	0.00
NNE	0	0	0	0	0	0	0	0.00
NE	0	0	0	0	0	0	0	0.00
ENE	0	1	0	0	0	0	1	5.80
E	0	0	0	0	0	0	0	0.00
ESE	0	0	0	0	0	0	0	0.00
SE	0	0	0	0	0	0	0	0.00
SSE	0	0	0	0	0	0	0	0.00
S	0	0	0	0	0	0	0	0.00
SSW	0	0	0	0	0	0	0	0.00
SW	0	0	0	0	0	0	0	0.00
WSW	0	0	0	0	0	0	0	0.00
W	0	0	0	0	0	0	0	0.00
WNW	0	0	0	0	0	0	0	0.00
NW	0	0	0	0	0	0	0	0.00
NNW	0	0	0	0	0	0	0	0.00
Total	0	1	0	0	0	0	1	

Hours of Calm : 0
 Hours of Varying Wind Direction : 0
 Hours of Missing Data : 0
 Hours of Missing Data for All : 0
 Hours of No Stability Class : 0
 Total hours of observation : 2

JOINT WIND FREQUENCY DISTRIBUTION BY STABILITY CLASS

SITE: V. C. SUMMER Nuclear Station UNIT 1

Report Date : 03-02-27

Data Period : 2- 8- 8 09:00 to 2- 8- 8 10:00

Stability Class: C delta T/ delta z 61->10 m Delta T With Substitution

Wind Sensor Height : 10 meter +++ Batch Release Times Only +++

Hours at Each Wind Direction and Speed

Wind Direction	Wind Speed (miles/hour)						Total'	Mean Speed
	0.75- <4	4- <8	8- <13	13- <19	19- 24	>24		
N	0	0	0	0	0	0	0	0.00
NNE	0	0	0	0	0	0	0	0.00
NE	0	0	0	0	0	0	0	0.00
ENE	0	0	0	0	0	0	0	0.00
E	0	0	0	0	0	0	0	0.00
ESE	0	0	0	0	0	0	0	0.00
SE	0	0	0	0	0	0	0	0.00
SSE	0	0	0	0	0	0	0	0.00
S	0	0	0	0	0	0	0	0.00
SSW	0	0	0	0	0	0	0	0.00
SW	0	0	0	0	0	0	0	0.00
WSW	0	0	0	0	0	0	0	0.00
W	0	0	0	0	0	0	0	0.00
WNW	0	0	0	0	0	0	0	0.00
NW	0	0	0	0	0	0	0	0.00
NNW	0	0	0	0	0	0	0	0.00

Total 0 0 0 0 0 0 0

Hours of Calm : 0
 Hours of Varying Wind Direction : 0
 Hours of Missing Data : 0
 Hours of Missing Data for All : 0
 Hours of No Stability Class : 0
 Total hours of observation : 2

JOINT WIND FREQUENCY DISTRIBUTION BY STABILITY CLASS

SITE: V. C. SUMMER Nuclear Station UNIT 1

Report Date : 03-02-27

Data Period : 2- 8- 8 09:00 to 2- 8- 8 10:00

Stability Class: D delta T/ delta z 61->10 m Delta T With Substitution

Wind Sensor Height : 10 meter +++ Batch Release Times Only +++

Hours at Each Wind Direction and Speed

Wind Direction	Wind Speed (miles/hour)						Total'	Mean Speed
	0.75- <4	4- <8	8- <13	13- <19	19- 24	>24		
N	0	0	0	0	0	0	0	0.00
NNE	0	0	0	0	0	0	0	0.00
NE	0	0	0	0	0	0	0	0.00
ENE	0	0	0	0	0	0	0	0.00
E	0	0	0	0	0	0	0	0.00
ESE	0	0	0	0	0	0	0	0.00
SE	0	0	0	0	0	0	0	0.00
SSE	0	0	0	0	0	0	0	0.00
S	0	0	0	0	0	0	0	0.00
SSW	0	0	0	0	0	0	0	0.00
SW	0	0	0	0	0	0	0	0.00
WSW	0	0	0	0	0	0	0	0.00
W	0	0	0	0	0	0	0	0.00
WNW	0	0	0	0	0	0	0	0.00
NW	0	0	0	0	0	0	0	0.00
NNW	0	0	0	0	0	0	0	0.00

Total 0 0 0 0 0 0 0 0

Hours of Calm 0
 Hours of Varying Wind Direction : 0
 Hours of Missing Data : 0
 Hours of Missing Data for All : 0
 Hours of No Stability Class : 0
 Total hours of observation : 2

JOINT WIND FREQUENCY DISTRIBUTION BY STABILITY CLASS

SITE: V. C. SUMMER Nuclear Station UNIT 1

Report Date : 03-02-27

Data Period : 2- 8- 8 09:00 to 2- 8- 8 10:00

Stability Class: E delta T/ delta z 61->10 m Delta T With Substitution

Wind Sensor Height : 10 meter +++ Batch Release Times Only +++

Hours at Each Wind Direction and Speed

Wind Direction	Wind Speed (miles/hour)						Total'	Mean Speed
	0.75- <4	4- <8	8- <13	13- <19	19- 24	>24		
N	0	0	0	0	0	0	0	0.00
NNE	0	0	0	0	0	0	0	0.00
NE	0	0	0	0	0	0	0	0.00
ENE	0	0	0	0	0	0	0	0.00
E	0	0	0	0	0	0	0	0.00
ESE	0	0	0	0	0	0	0	0.00
SE	0	0	0	0	0	0	0	0.00
SSE	0	0	0	0	0	0	0	0.00
S	0	0	0	0	0	0	0	0.00
SSW	0	0	0	0	0	0	0	0.00
SW	0	0	0	0	0	0	0	0.00
WSW	0	0	0	0	0	0	0	0.00
W	0	0	0	0	0	0	0	0.00
WNW	0	0	0	0	0	0	0	0.00
NW	0	0	0	0	0	0	0	0.00
NNW	0	0	0	0	0	0	0	0.00

Total 0 0 0 0 0 0 0 0

Hours of Calm : 0
 Hours of Varying Wind Direction : 0
 Hours of Missing Data : 0
 Hours of Missing Data for All : 0
 Hours of No Stability Class : 0
 Total hours of observation : 2

JOINT WIND FREQUENCY DISTRIBUTION BY STABILITY CLASS

SITE: V. C. SUMMER Nuclear Station UNIT 1

Report Date : 03-02-27

Data Period : 2- 8- 8 09:00 to 2- 8- 8 10:00

Stability Class: F delta T/ delta z 61->10 m Delta T With Substitution

Wind Sensor Height : 10 meter +++ Batch Release Times Only +++

Hours at Each Wind Direction and Speed

Wind Direction	Wind Speed (miles/hour)						Total'	Mean Speed
	0.75- <4	4- <8	8- <13	13- <19	19- 24	>24		
N	0	0	0	0	0	0	0	0.00
NNE	0	0	0	0	0	0	0	0.00
NE	0	0	0	0	0	0	0	0.00
ENE	0	0	0	0	0	0	0	0.00
E	0	0	0	0	0	0	0	0.00
ESE	0	0	0	0	0	0	0	0.00
SE	0	0	0	0	0	0	0	0.00
SSE	0	0	0	0	0	0	0	0.00
S	0	0	0	0	0	0	0	0.00
SSW	0	0	0	0	0	0	0	0.00
SW	0	0	0	0	0	0	0	0.00
WSW	0	0	0	0	0	0	0	0.00
W	0	0	0	0	0	0	0	0.00
WNW	0	0	0	0	0	0	0	0.00
NW	0	0	0	0	0	0	0	0.00
NNW	0	0	0	0	0	0	0	0.00

Total 0 0 0 0 0 0 0 0

Hours of Calm : 0
 Hours of Varying Wind Direction : 0
 Hours of Missing Data : 0
 Hours of Missing Data for All : 0
 Hours of No Stability Class : 0
 Total hours of observation : 2

JOINT WIND FREQUENCY DISTRIBUTION BY STABILITY CLASS

SITE: V. C. SUMMER Nuclear Station UNIT 1

Report Date : 03-02-27

Data Period : 2- 8- 8 09:00 to 2- 8- 8 10:00

Stability Class: G delta T/ delta z 61->10 m Delta T With Substitution

Wind Sensor Height : 10 meter +++ Batch Release Times Only +++

Hours at Each Wind Direction and Speed

Wind Direction	Wind Speed (miles/hour)						Total'	Mean Speed
	0.75- <4	4- <8	8- <13	13- <19	19- 24	>24		
N	0	0	0	0	0	0	0	0.00
NNE	0	0	0	0	0	0	0	0.00
NE	0	0	0	0	0	0	0	0.00
ENE	0	0	0	0	0	0	0	0.00
E	0	0	0	0	0	0	0	0.00
ESE	0	0	0	0	0	0	0	0.00
SE	0	0	0	0	0	0	0	0.00
SSE	0	0	0	0	0	0	0	0.00
S	0	0	0	0	0	0	0	0.00
SSW	0	0	0	0	0	0	0	0.00
SW	0	0	0	0	0	0	0	0.00
WSW	0	0	0	0	0	0	0	0.00
W	0	0	0	0	0	0	0	0.00
WNW	0	0	0	0	0	0	0	0.00
NW	0	0	0	0	0	0	0	0.00
NNW	0	0	0	0	0	0	0	0.00

Total 0 0 0 0 0 0 0 0

Hours of Calm : 0
 Hours of Varying Wind Direction : 0
 Hours of Missing Data : 0
 Hours of Missing Data for All : 0
 Hours of No Stability Class : 0
 Total hours of observation : 2

JOINT WIND FREQUENCY DISTRIBUTION BY STABILITY CLASS

SITE: V. C. SUMMER Nuclear Station UNIT 1

Report Date : 03-02-27

Data Period : 2- 8- 8 09:00 to 2- 8- 8 10:00

Stability Class:ALL delta T/ delta z 61->10 m Delta T With Substitution

Wind Sensor Height : 10 meter +++ Batch Release Times Only +++

Hours at Each Wind Direction and Speed

Wind Direction	Wind Speed (miles/hour)						Total'	Mean Speed
	0.75- <4	4- <8	8- <13	13- <19	19- 24	>24		
N	0	0	0	0	0	0	0	0.00
NNE	0	0	0	0	0	0	0	0.00
NE	0	1	0	0	0	0	1	4.75
ENE	0	1	0	0	0	0	1	5.80
E	0	0	0	0	0	0	0	0.00
ESE	0	0	0	0	0	0	0	0.00
SE	0	0	0	0	0	0	0	0.00
SSE	0	0	0	0	0	0	0	0.00
S	0	0	0	0	0	0	0	0.00
SSW	0	0	0	0	0	0	0	0.00
SW	0	0	0	0	0	0	0	0.00
WSW	0	0	0	0	0	0	0	0.00
W	0	0	0	0	0	0	0	0.00
WNW	0	0	0	0	0	0	0	0.00
NW	0	0	0	0	0	0	0	0.00
NNW	0	0	0	0	0	0	0	0.00
Total	0	2	0	0	0	0	2	
Hours of Calm	:							0
Hours of Varying Wind Direction	:							0
Hours of Missing Data for All	:							0
Hours of No Stability Class	:							0
Total hours of observation	:							2

JOINT WIND FREQUENCY DISTRIBUTION BY STABILITY CLASS

SITE: V. C. SUMMER Nuclear Station UNIT 1

Report Date : 03-02-27

Data Period : 2- 8-29 10:00 to 2- 8-29 14:00

Stability Class: A delta T/ delta z 61->10 m Delta T With Substitution

Wind Sensor Height : 10 meter +++ Batch Release Times Only +++

Hours at Each Wind Direction and Speed

Wind Direction	Wind Speed (miles/hour)							Total'	Mean Speed
	0.75- <4	4- <8	8- <13	13- <19	19- 24	>24			
N	0	0	0	0	0	0	0	0	0.00
NNE	0	0	0	0	0	0	0	0	0.00
NE	0	0	0	0	0	0	0	0	0.00
ENE	0	0	0	0	0	0	0	0	0.00
E	0	0	0	0	0	0	0	0	0.00
ESE	0	0	0	0	0	0	0	0	0.00
SE	0	0	0	0	0	0	0	0	0.00
SSE	0	0	0	0	0	0	0	0	0.00
S	0	0	0	0	0	0	0	0	0.00
SSW	0	0	0	0	0	0	0	0	0.00
SW	0	0	0	0	0	0	0	0	0.00
WSW	0	0	0	0	0	0	0	0	0.00
W	0	0	0	0	0	0	0	0	0.00
WNW	0	0	0	0	0	0	0	0	0.00
NW	0	0	0	0	0	0	0	0	0.00
NNW	0	0	0	0	0	0	0	0	0.00
Total	0	0	0	0	0	0	0	0	0

Hours of Calm : 0
 Hours of Varying Wind Direction : 0
 Hours of Missing Data : 0
 Hours of Missing Data for All : 0
 Hours of No Stability Class : 0
 Total hours of observation : 5

JOINT WIND FREQUENCY DISTRIBUTION BY STABILITY CLASS

SITE: V. C. SUMMER Nuclear Station UNIT 1

Report Date : 03-02-27

Data Period : 2- 8-29 10:00 to 2- 8-29 14:00

Stability Class: B delta T/ delta z 61->10 m Delta T With Substitution

Wind Sensor Height : 10 meter +++ Batch Release Times Only +++

Hours at Each Wind Direction and Speed

Wind Direction	Wind Speed (miles/hour)						Total'	Mean Speed
	0.75- <4	4- <8	8- <13	13- <19	19- 24	>24		
N	0	0	0	0	0	0	0	0.00
NNE	0	0	0	0	0	0	0	0.00
NE	0	0	0	0	0	0	0	0.00
ENE	0	0	0	0	0	0	0	0.00
E	0	0	0	0	0	0	0	0.00
ESE	0	0	0	0	0	0	0	0.00
SE	0	0	0	0	0	0	0	0.00
SSE	0	0	0	0	0	0	0	0.00
S	0	0	0	0	0	0	0	0.00
SSW	0	0	0	0	0	0	0	0.00
SW	0	0	0	0	0	0	0	0.00
WSW	0	0	0	0	0	0	0	0.00
W	0	0	0	0	0	0	0	0.00
WNW	0	0	0	0	0	0	0	0.00
NW	0	0	0	0	0	0	0	0.00
NNW	0	0	0	0	0	0	0	0.00
Total	0	0	0	0	0	0	0	

Hours of Calm : 0
 Hours of Varying Wind Direction : 0
 Hours of Missing Data : 0
 Hours of Missing Data for All : 0
 Hours of No Stability Class : 0
 Total hours of observation : 5

JOINT WIND FREQUENCY DISTRIBUTION BY STABILITY CLASS

SITE: V. C. SUMMER Nuclear Station UNIT 1

Report Date : 03-02-27

Data Period : 2- 8-29 10:00 to 2- 8-29 14:00

Stability Class: C delta T/ delta z 61->10 m Delta T With Substitution

Wind Sensor Height : 10 meter +++ Batch Release Times Only +++

Hours at Each Wind Direction and Speed

Wind Direction	Wind Speed (miles/hour)						Total'	Mean Speed
	0.75- <4	4- <8	8- <13	13- <19	19- 24	>24		
N	0	0	0	0	0	0	0	0.00
NNE	0	0	0	0	0	0	0	0.00
NE	0	0	0	0	0	0	0	0.00
ENE	0	1	1	0	0	0	2	7.76
E	0	0	0	0	0	0	0	0.00
ESE	0	0	0	0	0	0	0	0.00
SE	0	0	0	0	0	0	0	0.00
SSE	0	0	0	0	0	0	0	0.00
S	0	0	0	0	0	0	0	0.00
SSW	0	0	0	0	0	0	0	0.00
SW	0	0	0	0	0	0	0	0.00
WSW	0	0	0	0	0	0	0	0.00
W	0	0	0	0	0	0	0	0.00
WNW	0	0	0	0	0	0	0	0.00
NW	0	0	0	0	0	0	0	0.00
NNW	0	0	0	0	0	0	0	0.00
Total	0	1	1	0	0	0	2	

Hours of Calm : 0
 Hours of Varying Wind Direction : 0
 Hours of Missing Data : 0
 Hours of Missing Data for All : 0
 Hours of No Stability Class : 0
 Total hours of observation : 5

JOINT WIND FREQUENCY DISTRIBUTION BY STABILITY CLASS

SITE: V. C. SUMMER Nuclear Station UNIT 1

Report Date : 03-02-27

Data Period : 2- 8-29 10:00 to 2- 8-29 14:00

Stability Class: D delta T/ delta z 61->10 m Delta T With Substitution

Wind Sensor Height : 10 meter +++ Batch Release Times Only +++

Hours at Each Wind Direction and Speed

Wind Direction	Wind Speed (miles/hour)						Total'	Mean Speed
	0.75- <4	4- <8	8- <13	13- <19	19- 24	>24		
N	0	0	0	0	0	0	0	0.00
NNE	0	0	0	0	0	0	0	0.00
NE	0	0	0	0	0	0	0	0.00
ENE	0	2	1	0	0	0	3	7.63
E	0	0	0	0	0	0	0	0.00
ESE	0	0	0	0	0	0	0	0.00
SE	0	0	0	0	0	0	0	0.00
SSE	0	0	0	0	0	0	0	0.00
S	0	0	0	0	0	0	0	0.00
SSW	0	0	0	0	0	0	0	0.00
SW	0	0	0	0	0	0	0	0.00
WSW	0	0	0	0	0	0	0	0.00
W	0	0	0	0	0	0	0	0.00
WNW	0	0	0	0	0	0	0	0.00
NW	0	0	0	0	0	0	0	0.00
NNW	0	0	0	0	0	0	0	0.00
Total	0	2	1	0	0	0	3	

Hours of Calm : 0
 Hours of Varying Wind Direction : 0
 Hours of Missing Data : 0
 Hours of Missing Data for All : 0
 Hours of No Stability Class : 0
 Total hours of observation : 5

JOINT WIND FREQUENCY DISTRIBUTION BY STABILITY CLASS

SITE: V. C. SUMMER Nuclear Station UNIT 1

Report Date : 03-02-27

Data Period : 2- 8-29 10:00 to 2- 8-29 14:00

Stability Class: E delta T/ delta z 61->10 m Delta T With Substitution

Wind Sensor Height : 10 meter +++ Batch Release Times Only +++

Hours at Each Wind Direction and Speed

Wind Direction	Wind Speed (miles/hour)						Total'	Mean Speed
	0.75- <4	4- <8	8- <13	13- <19	19- 24	>24		
N	0	0	0	0	0	0	0	0.00
NNE	0	0	0	0	0	0	0	0.00
NE	0	0	0	0	0	0	0	0.00
ENE	0	0	0	0	0	0	0	0.00
E	0	0	0	0	0	0	0	0.00
ESE	0	0	0	0	0	0	0	0.00
SE	0	0	0	0	0	0	0	0.00
SSE	0	0	0	0	0	0	0	0.00
S	0	0	0	0	0	0	0	0.00
SSW	0	0	0	0	0	0	0	0.00
SW	0	0	0	0	0	0	0	0.00
WSW	0	0	0	0	0	0	0	0.00
W	0	0	0	0	0	0	0	0.00
WNW	0	0	0	0	0	0	0	0.00
NW	0	0	0	0	0	0	0	0.00
NNW	0	0	0	0	0	0	0	0.00
Total	0	0	0	0	0	0	0	

Hours of Calm : 0
 Hours of Varying Wind Direction : 0
 Hours of Missing Data : 0
 Hours of Missing Data for All : 0
 Hours of No Stability Class : 0
 Total hours of observation : 5

JOINT WIND FREQUENCY DISTRIBUTION BY STABILITY CLASS

SITE: V. C. SUMMER Nuclear Station UNIT 1

Report Date : 03-02-27

Data Period : 2- 8-29 10:00 to 2- 8-29 14:00

Stability Class: F delta T/ delta z 61->10 m Delta T With Substitution

Wind Sensor Height : 10 meter +++ Batch Release Times Only +++

Hours at Each Wind Direction and Speed

Wind Direction	Wind Speed (miles/hour)						Total'	Mean Speed
	0.75- <4	4- <8	8- <13	13- <19	19- 24	>24		
N	0	0	0	0	0	0	0	0.00
NNE	0	0	0	0	0	0	0	0.00
NE	0	0	0	0	0	0	0	0.00
ENE	0	0	0	0	0	0	0	0.00
E	0	0	0	0	0	0	0	0.00
ESE	0	0	0	0	0	0	0	0.00
SE	0	0	0	0	0	0	0	0.00
SSE	0	0	0	0	0	0	0	0.00
S	0	0	0	0	0	0	0	0.00
SSW	0	0	0	0	0	0	0	0.00
SW	0	0	0	0	0	0	0	0.00
WSW	0	0	0	0	0	0	0	0.00
W	0	0	0	0	0	0	0	0.00
WNW	0	0	0	0	0	0	0	0.00
NW	0	0	0	0	0	0	0	0.00
NNW	0	0	0	0	0	0	0	0.00
Total	0	0	0	0	0	0	0	

Hours of Calm : 0
 Hours of Varying Wind Direction : 0
 Hours of Missing Data : 0
 Hours of Missing Data for All : 0
 Hours of No Stability Class : 0
 Total hours of observation : 5

JOINT WIND FREQUENCY DISTRIBUTION BY STABILITY CLASS

SITE: V. C. SUMMER Nuclear Station UNIT 1

Report Date : 03-02-27

Data Period : 2- 8-29 10:00 to 2- 8-29 14:00

Stability Class: G delta T/ delta z 61->10 m Delta T With Substitution

Wind Sensor Height : 10 meter +++ Batch Release Times Only +++

Hours at Each Wind Direction and Speed

Wind Direction	Wind Speed (miles/hour)						Total'	Mean Speed
	0.75- <4	4- <8	8- <13	13- <19	19- 24	>24		
N	0	0	0	0	0	0	0	0.00
NNE	0	0	0	0	0	0	0	0.00
NE	0	0	0	0	0	0	0	0.00
ENE	0	0	0	0	0	0	0	0.00
E	0	0	0	0	0	0	0	0.00
ESE	0	0	0	0	0	0	0	0.00
SE	0	0	0	0	0	0	0	0.00
SSE	0	0	0	0	0	0	0	0.00
S	0	0	0	0	0	0	0	0.00
SSW	0	0	0	0	0	0	0	0.00
SW	0	0	0	0	0	0	0	0.00
WSW	0	0	0	0	0	0	0	0.00
W	0	0	0	0	0	0	0	0.00
WNW	0	0	0	0	0	0	0	0.00
NW	0	0	0	0	0	0	0	0.00
NNW	0	0	0	0	0	0	0	0.00

Total 0 0 0 0 0 0 0

Hours of Calm : 0
 Hours of Varying Wind Direction : 0
 Hours of Missing Data : 0
 Hours of Missing Data for All : 0
 Hours of No Stability Class : 0
 Total hours of observation : 5

JOINT WIND FREQUENCY DISTRIBUTION BY STABILITY CLASS

SITE: V. C. SUMMER Nuclear Station UNIT 1

Report Date : 03-02-27

Data Period : 2- 8-29 10:00 to 2- 8-29 14:00

Stability Class:ALL delta T/ delta z 61->10 m Delta T With Substitution

Wind Sensor Height : 10 meter +++ Batch Release Times Only +++

Hours at Each Wind Direction and Speed

Wind Direction	Wind Speed (miles/hour)						Total'	Mean Speed
	0.75- <4	4- <8	8- <13	13- <19	19- 24	>24		
N	0	0	0	0	0	0	0	0.00
NNE	0	0	0	0	0	0	0	0.00
NE	0	0	0	0	0	0	0	0.00
ENE	0	3	2	0	0	0	5	7.69
E	0	0	0	0	0	0	0	0.00
ESE	0	0	0	0	0	0	0	0.00
SE	0	0	0	0	0	0	0	0.00
SSE	0	0	0	0	0	0	0	0.00
S	0	0	0	0	0	0	0	0.00
SSW	0	0	0	0	0	0	0	0.00
SW	0	0	0	0	0	0	0	0.00
WSW	0	0	0	0	0	0	0	0.00
W	0	0	0	0	0	0	0	0.00
WNW	0	0	0	0	0	0	0	0.00
NW	0	0	0	0	0	0	0	0.00
NNW	0	0	0	0	0	0	0	0.00
Total	0	3	2	0	0	0	5	

Hours of Calm : 0
 Hours of Varying Wind Direction : 0
 Hours of Missing Data for All : 0
 Hours of No Stability Class : 0
 Total hours of observation : 5

JOINT WIND FREQUENCY DISTRIBUTION BY STABILITY CLASS

SITE: V. C. SUMMER Nuclear Station UNIT 1

Report Date : 03-02-27

Data Period : 2- 9- 5 08:00 to 2- 9- 5 10:00

Stability Class: A delta T/ delta z 61->10 m Delta T With Substitution

Wind Sensor Height : 10 meter +++ Batch Release Times Only +++

Hours at Each Wind Direction and Speed

Wind Direction	Wind Speed (miles/hour)						Total'	Mean Speed
	0.75- <4	4- <8	8- <13	13- <19	19- 24	>24		
N	0	0	0	0	0	0	0	0.00
NNE	0	0	0	0	0	0	0	0.00
NE	0	0	0	0	0	0	0	0.00
ENE	0	0	0	0	0	0	0	0.00
E	0	0	0	0	0	0	0	0.00
ESE	0	0	0	0	0	0	0	0.00
SE	0	0	0	0	0	0	0	0.00
SSE	0	0	0	0	0	0	0	0.00
S	0	0	0	0	0	0	0	0.00
SSW	0	0	0	0	0	0	0	0.00
SW	0	0	0	0	0	0	0	0.00
WSW	0	0	0	0	0	0	0	0.00
W	0	0	0	0	0	0	0	0.00
WNW	0	0	0	0	0	0	0	0.00
NW	0	0	0	0	0	0	0	0.00
NNW	0	0	0	0	0	0	0	0.00
Total	0	0	0	0	0	0	0	

Hours of Calm : 0
 Hours of Varying Wind Direction : 0
 Hours of Missing Data : 0
 Hours of Missing Data for All : 0
 Hours of No Stability Class : 0
 Total hours of observation : 3

JOINT WIND FREQUENCY DISTRIBUTION BY STABILITY CLASS

SITE: V. C. SUMMER Nuclear Station UNIT 1

Report Date : 03-02-27

Data Period : 2- 9- 5 08:00 to 2- 9- 5 10:00

Stability Class: B delta T/ delta z 61->10 m Delta T With Substitution

Wind Sensor Height : 10 meter +++ Batch Release Times Only +++

Hours at Each Wind Direction and Speed

Wind Direction	Wind Speed (miles/hour)						Total'	Mean Speed	
	0.75- <4	4- <8	8- <13	13- <19	19- 24	>24			
N	0	0	0	0	0	0	0	0.00	
NNE	0	0	0	0	0	0	0	0.00	
NE	0	0	0	0	0	0	0	0.00	
ENE	0	0	0	0	0	0	0	0.00	
E	0	0	0	0	0	0	0	0.00	
ESE	0	0	0	0	0	0	0	0.00	
SE	0	0	0	0	0	0	0	0.00	
SSE	0	0	0	0	0	0	0	0.00	
S	0	0	0	0	0	0	0	0.00	
SSW	0	0	0	0	0	0	0	0.00	
SW	0	0	0	0	0	0	0	0.00	
WSW	0	0	0	0	0	0	0	0.00	
W	0	0	0	0	0	0	0	0.00	
WNW	0	0	0	0	0	0	0	0.00	
NW	0	0	0	0	0	0	0	0.00	
NNW	0	0	0	0	0	0	0	0.00	
Total	0	0	0	0	0	0	0		
Hours of Calm	:								0
Hours of Varying Wind Direction	:								0
Hours of Missing Data	:								0
Hours of Missing Data for All	:								0
Hours of No Stability Class	:								0
Total hours of observation	:								3

JOINT WIND FREQUENCY DISTRIBUTION BY STABILITY CLASS

SITE: V. C. SUMMER Nuclear Station UNIT 1

Report Date : 03-02-27

Data Period : 2- 9- 5 08:00 to 2- 9- 5 10:00

Stability Class: C delta T/ delta z 61->10 m Delta T With Substitution

Wind Sensor Height : 10 meter +++ Batch Release Times Only +++

Hours at Each Wind Direction and Speed

Wind Direction	Wind Speed (miles/hour)						Total'	Mean Speed
	0.75- <4	4- <8	8- <13	13- <19	19- 24	>24		
N	0	0	0	0	0	0	0	0.00
NNE	0	0	0	0	0	0	0	0.00
NE	0	0	0	0	0	0	0	0.00
ENE	1	0	1	0	0	0	2	5.94
E	0	0	0	0	0	0	0	0.00
ESE	0	0	0	0	0	0	0	0.00
SE	0	0	0	0	0	0	0	0.00
SSE	0	0	0	0	0	0	0	0.00
S	0	0	0	0	0	0	0	0.00
SSW	0	0	0	0	0	0	0	0.00
SW	0	0	0	0	0	0	0	0.00
WSW	0	0	0	0	0	0	0	0.00
W	0	0	0	0	0	0	0	0.00
WNW	0	0	0	0	0	0	0	0.00
NW	0	0	0	0	0	0	0	0.00
NNW	0	0	0	0	0	0	0	0.00
Total	1	0	1	0	0	0	2	

Hours of Calm : 0
 Hours of Varying Wind Direction : 0
 Hours of Missing Data : 0
 Hours of Missing Data for All : 0
 Hours of No Stability Class : 0
 Total hours of observation : 3

JOINT WIND FREQUENCY DISTRIBUTION BY STABILITY CLASS

SITE: V. C. SUMMER Nuclear Station UNIT 1

Report Date : 03-02-27

Data Period : 2- 9- 5 08:00 to 2- 9- 5 10:00

Stability Class: D delta T/ delta z 61->10 m Delta T With Substitution

Wind Sensor Height : 10 meter +++ Batch Release Times Only +++

Hours at Each Wind Direction and Speed

Wind Direction	Wind Speed (miles/hour)						Total'	Mean Speed
	0.75- <4	4- <8	8- <13	13- <19	19- 24	>24		
N	0	0	0	0	0	0	0	0.00
NNE	0	0	0	0	0	0	0	0.00
NE	0	0	0	0	0	0	0	0.00
ENE	1	0	0	0	0	0	1	3.12
E	0	0	0	0	0	0	0	0.00
ESE	0	0	0	0	0	0	0	0.00
SE	0	0	0	0	0	0	0	0.00
SSE	0	0	0	0	0	0	0	0.00
S	0	0	0	0	0	0	0	0.00
SSW	0	0	0	0	0	0	0	0.00
SW	0	0	0	0	0	0	0	0.00
WSW	0	0	0	0	0	0	0	0.00
W	0	0	0	0	0	0	0	0.00
WNW	0	0	0	0	0	0	0	0.00
NW	0	0	0	0	0	0	0	0.00
NNW	0	0	0	0	0	0	0	0.00
Total	1	0	0	0	0	0	1	

Hours of Calm : 0
 Hours of Varying Wind Direction : 0
 Hours of Missing Data : 0
 Hours of Missing Data for All : 0
 Hours of No Stability Class : 0
 Total hours of observation : 3

JOINT WIND FREQUENCY DISTRIBUTION BY STABILITY CLASS

SITE: V. C. SUMMER Nuclear Station UNIT 1

Report Date : 03-02-27

Data Period : 2- 9- 5 08:00 to 2- 9- 5 10:00

Stability Class: E delta T/ delta z 61->10 m Delta T With Substitution

Wind Sensor Height : 10 meter +++ Batch Release Times Only +++

Hours at Each Wind Direction and Speed

Wind Direction	Wind Speed (miles/hour)							Total'	Mean Speed
	0.75- <4	4- <8	8- <13	13- <19	19- 24	>24			
N	0	0	0	0	0	0	0	0	0.00
NNE	0	0	0	0	0	0	0	0	0.00
NE	0	0	0	0	0	0	0	0	0.00
ENE	0	0	0	0	0	0	0	0	0.00
E	0	0	0	0	0	0	0	0	0.00
ESE	0	0	0	0	0	0	0	0	0.00
SE	0	0	0	0	0	0	0	0	0.00
SSE	0	0	0	0	0	0	0	0	0.00
S	0	0	0	0	0	0	0	0	0.00
SSW	0	0	0	0	0	0	0	0	0.00
SW	0	0	0	0	0	0	0	0	0.00
WSW	0	0	0	0	0	0	0	0	0.00
W	0	0	0	0	0	0	0	0	0.00
WNW	0	0	0	0	0	0	0	0	0.00
NW	0	0	0	0	0	0	0	0	0.00
NNW	0	0	0	0	0	0	0	0	0.00
Total	0	0	0	0	0	0	0	0	

Hours of Calm : 0
 Hours of Varying Wind Direction : 0
 Hours of Missing Data : 0
 Hours of Missing Data for All : 0
 Hours of No Stability Class : 0
 Total hours of observation : 3

JOINT WIND FREQUENCY DISTRIBUTION BY STABILITY CLASS

SITE: V. C. SUMMER Nuclear Station UNIT 1

Report Date : 03-02-27

Data Period : 2- 9- 5 08:00 to 2- 9- 5 10:00

Stability Class: F delta T/ delta z 61->10 m Delta T With Substitution

Wind Sensor Height : 10 meter +++ Batch Release Times Only +++

Hours at Each Wind Direction and Speed

Wind Direction	Wind Speed (miles/hour)						Total'	Mean Speed
	0.75- <4	4- <8	8- <13	13- <19	19- 24	>24		
N	0	0	0	0	0	0	0	0.00
NNE	0	0	0	0	0	0	0	0.00
NE	0	0	0	0	0	0	0	0.00
ENE	0	0	0	0	0	0	0	0.00
E	0	0	0	0	0	0	0	0.00
ESE	0	0	0	0	0	0	0	0.00
SE	0	0	0	0	0	0	0	0.00
SSE	0	0	0	0	0	0	0	0.00
S	0	0	0	0	0	0	0	0.00
SSW	0	0	0	0	0	0	0	0.00
SW	0	0	0	0	0	0	0	0.00
WSW	0	0	0	0	0	0	0	0.00
W	0	0	0	0	0	0	0	0.00
WNW	0	0	0	0	0	0	0	0.00
NW	0	0	0	0	0	0	0	0.00
NNW	0	0	0	0	0	0	0	0.00
Total	0	0	0	0	0	0	0	

Hours of Calm : 0
 Hours of Varying Wind Direction : 0
 Hours of Missing Data : 0
 Hours of Missing Data for All : 0
 Hours of No Stability Class : 0
 Total hours of observation : 3

JOINT WIND FREQUENCY DISTRIBUTION BY STABILITY CLASS

SITE: V. C. SUMMER Nuclear Station UNIT 1

Report Date : 03-02-27

Data Period : 2- 9- 5 08:00 to 2- 9- 5 10:00

Stability Class: G delta T/ delta z 61->10 m Delta T With Substitution

Wind Sensor Height : 10 meter +++ Batch Release Times Only +++

Hours at Each Wind Direction and Speed

Wind Direction	Wind Speed (miles/hour)						Total'	Mean Speed	
	0.75- <4	4- <8	8- <13	13- <19	19- 24	>24			
N	0	0	0	0	0	0	0	0.00	
NNE	0	0	0	0	0	0	0	0.00	
NE	0	0	0	0	0	0	0	0.00	
ENE	0	0	0	0	0	0	0	0.00	
E	0	0	0	0	0	0	0	0.00	
ESE	0	0	0	0	0	0	0	0.00	
SE	0	0	0	0	0	0	0	0.00	
SSE	0	0	0	0	0	0	0	0.00	
S	0	0	0	0	0	0	0	0.00	
SSW	0	0	0	0	0	0	0	0.00	
SW	0	0	0	0	0	0	0	0.00	
WSW	0	0	0	0	0	0	0	0.00	
W	0	0	0	0	0	0	0	0.00	
WNW	0	0	0	0	0	0	0	0.00	
NW	0	0	0	0	0	0	0	0.00	
NNW	0	0	0	0	0	0	0	0.00	
Total	0	0	0	0	0	0	0		
Hours of Calm								:	0
Hours of Varying Wind Direction								:	0
Hours of Missing Data								:	0
Hours of Missing Data for All								:	0
Hours of No Stability Class								:	0
Total hours of observation								:	3

JOINT WIND FREQUENCY DISTRIBUTION BY STABILITY CLASS

SITE: V. C. SUMMER Nuclear Station UNIT 1

Report Date : 03-02-27

Data Period : 2- 9- 5 08:00 to 2- 9- 5 10:00

Stability Class:ALL delta T/ delta z 61->10 m Delta T With Substitution

Wind Sensor Height : 10 meter +++ Batch Release Times Only +++

Hours at Each Wind Direction and Speed

Wind Direction	Wind Speed (miles/hour)						Total'	Mean Speed
	0.75- <4	4- <8	8- <13	13- <19	19- 24	>24		
N	0	0	0	0	0	0	0	0.00
NNE	0	0	0	0	0	0	0	0.00
NE	0	0	0	0	0	0	0	0.00
ENE	2	0	1	0	0	0	3	5.00
E	0	0	0	0	0	0	0	0.00
ESE	0	0	0	0	0	0	0	0.00
SE	0	0	0	0	0	0	0	0.00
SSE	0	0	0	0	0	0	0	0.00
S	0	0	0	0	0	0	0	0.00
SSW	0	0	0	0	0	0	0	0.00
SW	0	0	0	0	0	0	0	0.00
WSW	0	0	0	0	0	0	0	0.00
W	0	0	0	0	0	0	0	0.00
WNW	0	0	0	0	0	0	0	0.00
NW	0	0	0	0	0	0	0	0.00
NNW	0	0	0	0	0	0	0	0.00
Total	2	0	1	0	0	0	3	

Hours of Calm : 0
 Hours of Varying Wind Direction : 0
 Hours of Missing Data for All : 0
 Hours of No Stability Class : 0
 Total hours of observation : 3

JOINT WIND FREQUENCY DISTRIBUTION BY STABILITY CLASS

SITE: V. C. SUMMER Nuclear Station UNIT 1

Report Date : 03-02-27

Data Period : 2- 9-10 13:00 to 2- 9-10 16:00

Stability Class: A delta T/ delta z 61->10 m Delta T With Substitution

Wind Sensor Height : 10 meter +++ Batch Release Times Only +++

Hours at Each Wind Direction and Speed

Wind Direction	Wind Speed (miles/hour)						Total'	Mean Speed
	0.75- <4	4- <8	8- <13	13- <19	19- 24	>24		
N	0	0	0	0	0	0	0	0.00
NNE	0	0	0	0	0	0	0	0.00
NE	0	0	0	0	0	0	0	0.00
ENE	0	0	0	0	0	0	0	0.00
E	0	0	0	0	0	0	0	0.00
ESE	0	0	0	0	0	0	0	0.00
SE	0	0	0	0	0	0	0	0.00
SSE	0	0	0	0	0	0	0	0.00
S	0	0	0	0	0	0	0	0.00
SSW	0	0	0	0	0	0	0	0.00
SW	0	0	0	0	0	0	0	0.00
WSW	0	0	0	0	0	0	0	0.00
W	0	0	0	0	0	0	0	0.00
WNW	0	0	0	0	0	0	0	0.00
NW	0	0	0	0	0	0	0	0.00
NNW	0	0	0	0	0	0	0	0.00
Total	0	0	0	0	0	0	0	

Hours of Calm : 0
 Hours of Varying Wind Direction : 0
 Hours of Missing Data : 0
 Hours of Missing Data for All : 0
 Hours of No Stability Class : 0
 Total hours of observation : 4

JOINT WIND FREQUENCY DISTRIBUTION BY STABILITY CLASS

SITE: V. C. SUMMER Nuclear Station UNIT 1

Report Date : 03-02-27

Data Period : 2- 9-10 13:00 to 2- 9-10 16:00

Stability Class: B delta T/ delta z 61->10 m Delta T With Substitution

Wind Sensor Height : 10 meter +++ Batch Release Times Only +++

Hours at Each Wind Direction and Speed

Wind Direction	Wind Speed (miles/hour)						Total'	Mean Speed
	0.75- <4	4- <8	8- <13	13- <19	19- 24	>24		
N	0	0	0	0	0	0	0	0.00
NNE	0	0	0	0	0	0	0	0.00
NE	0	0	0	0	0	0	0	0.00
ENE	0	0	0	0	0	0	0	0.00
E	0	0	0	0	0	0	0	0.00
ESE	0	0	0	0	0	0	0	0.00
SE	0	0	0	0	0	0	0	0.00
SSE	0	0	0	0	0	0	0	0.00
S	0	0	0	0	0	0	0	0.00
SSW	0	0	0	0	0	0	0	0.00
SW	0	0	0	0	0	0	0	0.00
WSW	0	0	0	0	0	0	0	0.00
W	0	0	0	0	0	0	0	0.00
WNW	0	0	0	0	0	0	0	0.00
NW	0	0	0	0	0	0	0	0.00
NNW	0	0	0	0	0	0	0	0.00
Total	0	0	0	0	0	0	0	

Hours of Calm : 0
 Hours of Varying Wind Direction : 0
 Hours of Missing Data : 0
 Hours of Missing Data for All : 0
 Hours of No Stability Class : 0
 Total hours of observation : 4

JOINT WIND FREQUENCY DISTRIBUTION BY STABILITY CLASS

SITE: V. C. SUMMER Nuclear Station UNIT 1

Report Date : 03-02-27

Data Period : 2- 9-10 13:00 to 2- 9-10 16:00

Stability Class: C delta T/ delta z 61->10 m Delta T With Substitution

Wind Sensor Height : 10 meter +++ Batch Release Times Only +++

Hours at Each Wind Direction and Speed

Wind Direction	Wind Speed (miles/hour)						Total'	Mean Speed
	0.75- <4	4- <8	8- <13	13- <19	19- 24	>24		
N	0	0	0	0	0	0	0	0.00
NNE	0	0	0	0	0	0	0	0.00
NE	0	0	0	0	0	0	0	0.00
ENE	0	0	0	0	0	0	0	0.00
E	0	0	0	0	0	0	0	0.00
ESE	0	0	0	0	0	0	0	0.00
SE	0	0	0	0	0	0	0	0.00
SSE	0	0	0	0	0	0	0	0.00
S	0	0	0	0	0	0	0	0.00
SSW	0	0	0	0	0	0	0	0.00
SW	0	0	0	0	0	0	0	0.00
WSW	0	0	0	0	0	0	0	0.00
W	0	0	0	0	0	0	0	0.00
WNW	0	0	0	0	0	0	0	0.00
NW	0	0	1	0	0	0	1	9.17
NNW	0	0	2	0	0	0	2	9.44

Total 0 0 3 0 0 0 3

Hours of Calm : 0
 Hours of Varying Wind Direction : 0
 Hours of Missing Data : 0
 Hours of Missing Data for All : 0
 Hours of No Stability Class : 0
 Total hours of observation : 4

JOINT WIND FREQUENCY DISTRIBUTION BY STABILITY CLASS

SITE: V. C. SUMMER Nuclear Station UNIT 1

Report Date : 03-02-27

Data Period : 2- 9-10 13:00 to 2- 9-10 16:00

Stability Class: D delta T/ delta z 61->10 m Delta T With Substitution

Wind Sensor Height : 10 meter +++ Batch Release Times Only +++

Hours at Each Wind Direction and Speed

Wind Direction	Wind Speed (miles/hour)						Total'	Mean Speed
	0.75- <4	4- <8	8- <13	13- <19	19- 24	>24		
N	0	0	0	0	0	0	0	0.00
NNE	0	0	0	0	0	0	0	0.00
NE	0	0	0	0	0	0	0	0.00
ENE	0	0	0	0	0	0	0	0.00
E	0	0	0	0	0	0	0	0.00
ESE	0	0	0	0	0	0	0	0.00
SE	0	0	0	0	0	0	0	0.00
SSE	0	0	0	0	0	0	0	0.00
S	0	0	0	0	0	0	0	0.00
SSW	0	0	0	0	0	0	0	0.00
SW	0	0	0	0	0	0	0	0.00
WSW	0	0	0	0	0	0	0	0.00
W	0	0	0	0	0	0	0	0.00
WNW	0	0	0	0	0	0	0	0.00
NW	0	0	0	0	0	0	0	0.00
NNW	0	0	1	0	0	0	1	9.49
Total	0	0	1	0	0	0	1	

Hours of Calm : 0
 Hours of Varying Wind Direction : 0
 Hours of Missing Data : 0
 Hours of Missing Data for All : 0
 Hours of No Stability Class : 0
 Total hours of observation : 4

JOINT WIND FREQUENCY DISTRIBUTION BY STABILITY CLASS

SITE: V. C. SUMMER Nuclear Station UNIT 1

Report Date : 03-02-27

Data Period : 2- 9-10 13:00 to 2- 9-10 16:00

Stability Class: E delta T/ delta z 61->10 m Delta T With Substitution

Wind Sensor Height : 10 meter +++ Batch Release Times Only +++

Hours at Each Wind Direction and Speed

Wind Direction	Wind Speed (miles/hour)						Total'	Mean Speed
	0.75- <4	4- <8	8- <13	13- <19	19- 24	>24		
N	0	0	0	0	0	0	0	0.00
NNE	0	0	0	0	0	0	0	0.00
NE	0	0	0	0	0	0	0	0.00
ENE	0	0	0	0	0	0	0	0.00
E	0	0	0	0	0	0	0	0.00
ESE	0	0	0	0	0	0	0	0.00
SE	0	0	0	0	0	0	0	0.00
SSE	0	0	0	0	0	0	0	0.00
S	0	0	0	0	0	0	0	0.00
SSW	0	0	0	0	0	0	0	0.00
SW	0	0	0	0	0	0	0	0.00
WSW	0	0	0	0	0	0	0	0.00
W	0	0	0	0	0	0	0	0.00
WNW	0	0	0	0	0	0	0	0.00
NW	0	0	0	0	0	0	0	0.00
NNW	0	0	0	0	0	0	0	0.00
Total	0	0	0	0	0	0	0	

Hours of Calm : 0
 Hours of Varying Wind Direction : 0
 Hours of Missing Data : 0
 Hours of Missing Data for All : 0
 Hours of No Stability Class : 0
 Total hours of observation : 4

JOINT WIND FREQUENCY DISTRIBUTION BY STABILITY CLASS

SITE: V. C. SUMMER Nuclear Station UNIT 1

Report Date : 03-02-27

Data Period : 2- 9-10 13:00 to 2- 9-10 16:00

Stability Class: F delta T/ delta z 61->10 m Delta T With Substitution

Wind Sensor Height : 10 meter +++ Batch Release Times Only +++

Hours at Each Wind Direction and Speed

Wind Direction	Wind Speed (miles/hour)						Total'	Mean Speed
	0.75- <4	4- <8	8- <13	13- <19	19- 24	>24		
N	0	0	0	0	0	0	0	0.00
NNE	0	0	0	0	0	0	0	0.00
NE	0	0	0	0	0	0	0	0.00
ENE	0	0	0	0	0	0	0	0.00
E	0	0	0	0	0	0	0	0.00
ESE	0	0	0	0	0	0	0	0.00
SE	0	0	0	0	0	0	0	0.00
SSE	0	0	0	0	0	0	0	0.00
S	0	0	0	0	0	0	0	0.00
SSW	0	0	0	0	0	0	0	0.00
SW	0	0	0	0	0	0	0	0.00
WSW	0	0	0	0	0	0	0	0.00
W	0	0	0	0	0	0	0	0.00
WNW	0	0	0	0	0	0	0	0.00
NW	0	0	0	0	0	0	0	0.00
NNW	0	0	0	0	0	0	0	0.00

Total 0 0 0 0 0 0 0 0

Hours of Calm : 0
 Hours of Varying Wind Direction : 0
 Hours of Missing Data : 0
 Hours of Missing Data for All : 0
 Hours of No Stability Class : 0
 Total hours of observation : 4

JOINT WIND FREQUENCY DISTRIBUTION BY STABILITY CLASS

SITE: V. C. SUMMER Nuclear Station UNIT 1

Report Date : 03-02-27

Data Period : 2- 9-10 13:00 to 2- 9-10 16:00

Stability Class: G delta T/ delta z 61->10 m Delta T With Substitution

Wind Sensor Height : 10 meter +++ Batch Release Times Only +++

Hours at Each Wind Direction and Speed

Wind Direction	Wind Speed (miles/hour)						Total'	Mean Speed
	0.75- <4	4- <8	8- <13	13- <19	19- 24	>24		
N	0	0	0	0	0	0	0	0.00
NNE	0	0	0	0	0	0	0	0.00
NE	0	0	0	0	0	0	0	0.00
ENE	0	0	0	0	0	0	0	0.00
E	0	0	0	0	0	0	0	0.00
ESE	0	0	0	0	0	0	0	0.00
SE	0	0	0	0	0	0	0	0.00
SSE	0	0	0	0	0	0	0	0.00
S	0	0	0	0	0	0	0	0.00
SSW	0	0	0	0	0	0	0	0.00
SW	0	0	0	0	0	0	0	0.00
WSW	0	0	0	0	0	0	0	0.00
W	0	0	0	0	0	0	0	0.00
WNW	0	0	0	0	0	0	0	0.00
NW	0	0	0	0	0	0	0	0.00
NNW	0	0	0	0	0	0	0	0.00

Total 0 0 0 0 0 0 0

Hours of Calm : 0
 Hours of Varying Wind Direction : 0
 Hours of Missing Data : 0
 Hours of Missing Data for All : 0
 Hours of No Stability Class : 0
 Total hours of observation : 4

JOINT WIND FREQUENCY DISTRIBUTION BY STABILITY CLASS

SITE: V. C. SUMMER Nuclear Station UNIT 1

Report Date : 03-02-27

Data Period : 2- 9-10 13:00 to 2- 9-10 16:00

Stability Class:ALL delta T/ delta z 61->10 m Delta T With Substitution

Wind Sensor Height : 10 meter +++ Batch Release Times Only +++

Hours at Each Wind Direction and Speed

Wind Direction	Wind Speed (miles/hour)						Total'	Mean Speed
	0.75- <4	4- <8	8- <13	13- <19	19- 24	>24		
N	0	0	0	0	0	0	0	0.00
NNE	0	0	0	0	0	0	0	0.00
NE	0	0	0	0	0	0	0	0.00
ENE	0	0	0	0	0	0	0	0.00
E	0	0	0	0	0	0	0	0.00
ESE	0	0	0	0	0	0	0	0.00
SE	0	0	0	0	0	0	0	0.00
SSE	0	0	0	0	0	0	0	0.00
S	0	0	0	0	0	0	0	0.00
SSW	0	0	0	0	0	0	0	0.00
SW	0	0	0	0	0	0	0	0.00
WSW	0	0	0	0	0	0	0	0.00
W	0	0	0	0	0	0	0	0.00
WNW	0	0	0	0	0	0	0	0.00
NW	0	0	1	0	0	0	1	9.17
NNW	0	0	3	0	0	0	3	9.46
Total	0	0	4	0	0	0	4	
Hours of Calm	:							0
Hours of Varying Wind Direction	:							0
Hours of Missing Data for All	:							0
Hours of No Stability Class	:							0
Total hours of observation	:							4

JOINT WIND FREQUENCY DISTRIBUTION BY STABILITY CLASS

SITE: V. C. SUMMER Nuclear Station UNIT 1

Report Date : 03-02-27

Data Period : 2-11- 6 11:00 to 2-11- 6 18:00

Stability Class: A delta T/ delta z 61->10 m Delta T With Substitution

Wind Sensor Height : 10 meter +++ Batch Release Times Only +++

Hours at Each Wind Direction and Speed

Wind Direction	Wind Speed (miles/hour)						Total'	Mean Speed	
	0.75- <4	4- <8	8- <13	13- <19	19- 24	>24			
N	0	0	0	0	0	0	0	0.00	
NNE	0	0	0	0	0	0	0	0.00	
NE	0	0	0	0	0	0	0	0.00	
ENE	0	0	0	0	0	0	0	0.00	
E	0	0	0	0	0	0	0	0.00	
ESE	0	0	0	0	0	0	0	0.00	
SE	0	0	0	0	0	0	0	0.00	
SSE	0	0	0	0	0	0	0	0.00	
S	0	0	0	0	0	0	0	0.00	
SSW	0	0	0	0	0	0	0	0.00	
SW	0	0	0	0	0	0	0	0.00	
WSW	0	0	0	0	0	0	0	0.00	
W	0	0	0	0	0	0	0	0.00	
WNW	0	0	0	0	0	0	0	0.00	
NW	0	0	0	0	0	0	0	0.00	
NNW	0	0	0	0	0	0	0	0.00	
Total	0	0	0	0	0	0	0		
Hours of Calm	:								0
Hours of Varying Wind Direction	:								0
Hours of Missing Data	:								0
Hours of Missing Data for All	:								0
Hours of No Stability Class	:								0
Total hours of observation	:								8

JOINT WIND FREQUENCY DISTRIBUTION BY STABILITY CLASS

SITE: V. C. SUMMER Nuclear Station UNIT 1

Report Date : 03-02-27

Data Period : 2-11- 6 11:00 to 2-11- 6 18:00

Stability Class: B delta T/ delta z 61->10 m Delta T With Substitution

Wind Sensor Height : 10 meter +++ Batch Release Times Only +++

Hours at Each Wind Direction and Speed

Wind Direction	Wind Speed (miles/hour)						Total'	Mean Speed
	0.75- <4	4- <8	8- <13	13- <19	19- 24	>24		
N	0	0	0	0	0	0	0	0.00
NNE	0	0	0	0	0	0	0	0.00
NE	0	0	0	0	0	0	0	0.00
ENE	0	0	0	0	0	0	0	0.00
E	0	0	0	0	0	0	0	0.00
ESE	0	0	0	0	0	0	0	0.00
SE	0	0	0	0	0	0	0	0.00
SSE	0	0	0	0	0	0	0	0.00
S	0	0	0	0	0	0	0	0.00
SSW	0	0	0	0	0	0	0	0.00
SW	0	0	0	0	0	0	0	0.00
WSW	0	0	0	0	0	0	0	0.00
W	0	0	0	0	0	0	0	0.00
WNW	0	0	0	0	0	0	0	0.00
NW	0	0	0	0	0	0	0	0.00
NNW	0	0	0	0	0	0	0	0.00
Total	0	0	0	0	0	0	0	

Hours of Calm : 0
 Hours of Varying Wind Direction : 0
 Hours of Missing Data : 0
 Hours of Missing Data for All : 0
 Hours of No Stability Class : 0
 Total hours of observation : 8

JOINT WIND FREQUENCY DISTRIBUTION BY STABILITY CLASS

SITE: V. C. SUMMER Nuclear Station UNIT 1

Report Date : 03-02-27

Data Period : 2-11- 6 11:00 to 2-11- 6 18:00

Stability Class: C delta T/ delta z 61->10 m Delta T With Substitution

Wind Sensor Height : 10 meter +++ Batch Release Times Only +++

Hours at Each Wind Direction and Speed

Wind Direction	Wind Speed (miles/hour)						Total'	Mean Speed	
	0.75- <4	4- <8	8- <13	13- <19	19- 24	>24			
N	0	0	0	0	0	0	0	0.00	
NNE	0	0	0	0	0	0	0	0.00	
NE	0	0	0	0	0	0	0	0.00	
ENE	0	0	0	0	0	0	0	0.00	
E	0	0	0	0	0	0	0	0.00	
ESE	0	0	0	0	0	0	0	0.00	
SE	0	0	0	0	0	0	0	0.00	
SSE	0	0	0	0	0	0	0	0.00	
S	0	0	0	0	0	0	0	0.00	
SSW	0	0	0	0	0	0	0	0.00	
SW	0	0	0	0	0	0	0	0.00	
WSW	0	0	0	0	0	0	0	0.00	
W	0	0	0	0	0	0	0	0.00	
WNW	0	0	0	0	0	0	0	0.00	
NW	0	0	1	0	0	0	1	12.41	
NNW	0	0	0	0	0	0	0	0.00	
Total	0	0	1	0	0	0	1		
Hours of Calm								:	0
Hours of Varying Wind Direction								:	0
Hours of Missing Data								:	0
Hours of Missing Data for All								:	0
Hours of No Stability Class								:	0
Total hours of observation								:	8

JOINT WIND FREQUENCY DISTRIBUTION BY STABILITY CLASS

SITE: V. C. SUMMER Nuclear Station UNIT 1

Report Date : 03-02-27

Data Period : 2-11- 6 11:00 to 2-11- 6 18:00

Stability Class: D delta T/ delta z 61->10 m Delta T With Substitution

Wind Sensor Height : 10 meter +++ Batch Release Times Only +++

Hours at Each Wind Direction and Speed

Wind Direction	Wind Speed (miles/hour)						Total'	Mean Speed
	0.75- <4	4- <8	8- <13	13- <19	19- 24	>24		
N	0	0	0	0	0	0	0	0.00
NNE	0	0	0	0	0	0	0	0.00
NE	0	0	0	0	0	0	0	0.00
ENE	0	0	0	0	0	0	0	0.00
E	0	0	0	0	0	0	0	0.00
ESE	0	0	0	0	0	0	0	0.00
SE	0	0	0	0	0	0	0	0.00
SSE	0	0	0	0	0	0	0	0.00
S	0	0	0	0	0	0	0	0.00
SSW	0	0	0	0	0	0	0	0.00
SW	0	0	0	0	0	0	0	0.00
WSW	0	0	0	0	0	0	0	0.00
W	0	0	0	0	0	0	0	0.00
WNW	0	0	4	0	0	0	4	12.16
NW	0	0	1	0	0	0	1	9.55
NNW	0	0	0	0	0	0	0	0.00
Total	0	0	5	0	0	0	5	

Hours of Calm : 0
 Hours of Varying Wind Direction : 0
 Hours of Missing Data : 0
 Hours of Missing Data for All : 0
 Hours of No Stability Class : 0
 Total hours of observation : 8

JOINT WIND FREQUENCY DISTRIBUTION BY STABILITY CLASS

SITE: V. C. SUMMER Nuclear Station UNIT 1

Report Date : 03-02-27

Data Period : 2-11- 6 11:00 to 2-11- 6 18:00

Stability Class: E delta T/ delta z 61->10 m Delta T With Substitution

Wind Sensor Height : 10 meter +++ Batch Release Times Only +++

Hours at Each Wind Direction and Speed

Wind Direction	Wind Speed (miles/hour)						Total'	Mean Speed
	0.75- <4	4- <8	8- <13	13- <19	19- 24	>24		
N	0	0	0	0	0	0	0	0.00
NNE	0	0	0	0	0	0	0	0.00
NE	0	0	0	0	0	0	0	0.00
ENE	0	0	0	0	0	0	0	0.00
E	0	0	0	0	0	0	0	0.00
ESE	0	0	0	0	0	0	0	0.00
SE	0	0	0	0	0	0	0	0.00
SSE	0	0	0	0	0	0	0	0.00
S	0	0	0	0	0	0	0	0.00
SSW	0	0	0	0	0	0	0	0.00
SW	0	0	0	0	0	0	0	0.00
WSW	0	0	0	0	0	0	0	0.00
W	0	0	0	0	0	0	0	0.00
WNW	0	0	0	0	0	0	0	0.00
NW	0	2	0	0	0	0	2	6.34
NNW	0	0	0	0	0	0	0	0.00
Total	0	2	0	0	0	0	2	

Hours of Calm : 0
 Hours of Varying Wind Direction : 0
 Hours of Missing Data : 0
 Hours of Missing Data for All : 0
 Hours of No Stability Class : 0
 Total hours of observation : 8

JOINT WIND FREQUENCY DISTRIBUTION BY STABILITY CLASS

SITE: V. C. SUMMER Nuclear Station UNIT 1

Report Date : 03-02-27

Data Period : 2-11- 6 11:00 to 2-11- 6 18:00

Stability Class: F delta T/ delta z 61->10 m Delta T With Substitution

Wind Sensor Height : 10 meter +++ Batch Release Times Only +++

Hours at Each Wind Direction and Speed

Wind Direction	Wind Speed (miles/hour)						Total'	Mean Speed
	0.75- <4	4- <8	8- <13	13- <19	19- 24	>24		
N	0	0	0	0	0	0	0	0.00
NNE	0	0	0	0	0	0	0	0.00
NE	0	0	0	0	0	0	0	0.00
ENE	0	0	0	0	0	0	0	0.00
E	0	0	0	0	0	0	0	0.00
ESE	0	0	0	0	0	0	0	0.00
SE	0	0	0	0	0	0	0	0.00
SSE	0	0	0	0	0	0	0	0.00
S	0	0	0	0	0	0	0	0.00
SSW	0	0	0	0	0	0	0	0.00
SW	0	0	0	0	0	0	0	0.00
WSW	0	0	0	0	0	0	0	0.00
W	0	0	0	0	0	0	0	0.00
WNW	0	0	0	0	0	0	0	0.00
NW	0	0	0	0	0	0	0	0.00
NNW	0	0	0	0	0	0	0	0.00
Total	0	0	0	0	0	0	0	

Hours of Calm : 0
 Hours of Varying Wind Direction : 0
 Hours of Missing Data : 0
 Hours of Missing Data for All : 0
 Hours of No Stability Class : 0
 Total hours of observation : 8

JOINT WIND FREQUENCY DISTRIBUTION BY STABILITY CLASS

SITE: V. C. SUMMER Nuclear Station UNIT 1

Report Date : 03-02-27

Data Period : 2-11- 6 11:00 to 2-11- 6 18:00

Stability Class: G delta T/ delta z 61->10 m Delta T With Substitution

Wind Sensor Height : 10 meter +++ Batch Release Times Only +++

Hours at Each Wind Direction and Speed

Wind Direction	Wind Speed (miles/hour)						Total'	Mean Speed
	0.75- <4	4- <8	8- <13	13- <19	19- 24	>24		
N	0	0	0	0	0	0	0	0.00
NNE	0	0	0	0	0	0	0	0.00
NE	0	0	0	0	0	0	0	0.00
ENE	0	0	0	0	0	0	0	0.00
E	0	0	0	0	0	0	0	0.00
ESE	0	0	0	0	0	0	0	0.00
SE	0	0	0	0	0	0	0	0.00
SSE	0	0	0	0	0	0	0	0.00
S	0	0	0	0	0	0	0	0.00
SSW	0	0	0	0	0	0	0	0.00
SW	0	0	0	0	0	0	0	0.00
WSW	0	0	0	0	0	0	0	0.00
W	0	0	0	0	0	0	0	0.00
WNW	0	0	0	0	0	0	0	0.00
NW	0	0	0	0	0	0	0	0.00
NNW	0	0	0	0	0	0	0	0.00
Total	0	0	0	0	0	0	0	

Hours of Calm : 0
 Hours of Varying Wind Direction : 0
 Hours of Missing Data : 0
 Hours of Missing Data for All : 0
 Hours of No Stability Class : 0
 Total hours of observation : 8

JOINT WIND FREQUENCY DISTRIBUTION BY STABILITY CLASS

SITE: V. C. SUMMER Nuclear Station UNIT 1

Report Date : 03-02-27

Data Period : 2-11- 6 11:00 to 2-11- 6 18:00

Stability Class:ALL delta T/ delta z 61->10 m Delta T With Substitution

Wind Sensor Height : 10 meter +++ Batch Release Times Only +++

Hours at Each Wind Direction and Speed

Wind Direction	Wind Speed (miles/hour)						Total'	Mean Speed	
	0.75- <4	4- <8	8- <13	13- <19	19- 24	>24			
N	0	0	0	0	0	0	0	0.00	
NNE	0	0	0	0	0	0	0	0.00	
NE	0	0	0	0	0	0	0	0.00	
ENE	0	0	0	0	0	0	0	0.00	
E	0	0	0	0	0	0	0	0.00	
ESE	0	0	0	0	0	0	0	0.00	
SE	0	0	0	0	0	0	0	0.00	
SSE	0	0	0	0	0	0	0	0.00	
S	0	0	0	0	0	0	0	0.00	
SSW	0	0	0	0	0	0	0	0.00	
SW	0	0	0	0	0	0	0	0.00	
WSW	0	0	0	0	0	0	0	0.00	
W	0	0	0	0	0	0	0	0.00	
WNW	0	0	4	0	0	0	4	12.16	
NW	0	2	2	0	0	0	4	8.66	
NNW	0	0	0	0	0	0	0	0.00	
Total	0	2	6	0	0	0	8		
Hours of Calm	:							0	
Hours of Varying Wind Direction	:							0	
Hours of Missing Data for All	:							0	
Hours of No Stability Class	:							0	
Total hours of observation	:							8	

JOINT WIND FREQUENCY DISTRIBUTION BY STABILITY CLASS

SITE: V. C. SUMMER Nuclear Station UNIT 1

Report Date : 03-02-27

Data Period : 2-11-18 14:00 to 2-11-18 16:00

Stability Class: A delta T/ delta z 61->10 m Delta T With Substitution

Wind Sensor Height : 10 meter +++ Batch Release Times Only +++

Hours at Each Wind Direction and Speed

Wind Direction	Wind Speed (miles/hour)							Total'	Mean Speed
	0.75- <4	4- <8	8- <13	13- <19	19- 24	>24			
N	0	0	0	0	0	0	0	0	0.00
NNE	0	0	0	0	0	0	0	0	0.00
NE	0	0	0	0	0	0	0	0	0.00
ENE	0	0	0	0	0	0	0	0	0.00
E	0	0	0	0	0	0	0	0	0.00
ESE	0	0	0	0	0	0	0	0	0.00
SE	0	0	0	0	0	0	0	0	0.00
SSE	0	0	0	0	0	0	0	0	0.00
S	0	0	0	0	0	0	0	0	0.00
SSW	0	0	0	0	0	0	0	0	0.00
SW	0	0	0	0	0	0	0	0	0.00
WSW	0	0	0	0	0	0	0	0	0.00
W	0	0	0	0	0	0	0	0	0.00
WNW	0	0	0	0	0	0	0	0	0.00
NW	1	0	0	0	0	0	0	1	3.16
NNW	0	0	0	0	0	0	0	0	0.00
Total	1	0	0	0	0	0	0	1	

Hours of Calm : 0
 Hours of Varying Wind Direction : 0
 Hours of Missing Data : 0
 Hours of Missing Data for All : 0
 Hours of No Stability Class : 0
 Total hours of observation : 3

JOINT WIND FREQUENCY DISTRIBUTION BY STABILITY CLASS

SITE: V. C. SUMMER Nuclear Station UNIT 1

Report Date : 03-02-27

Data Period : 2-11-18 14:00 to 2-11-18 16:00

Stability Class: B delta T/ delta z 61->10 m Delta T With Substitution

Wind Sensor Height : 10 meter +++ Batch Release Times Only +++

Hours at Each Wind Direction and Speed

Wind Direction	Wind Speed (miles/hour)						Total'	Mean Speed
	0.75- <4	4- <8	8- <13	13- <19	19- 24	>24		
N	0	0	0	0	0	0	0	0.00
NNE	0	0	0	0	0	0	0	0.00
NE	0	0	0	0	0	0	0	0.00
ENE	0	0	0	0	0	0	0	0.00
E	0	0	0	0	0	0	0	0.00
ESE	0	0	0	0	0	0	0	0.00
SE	0	0	0	0	0	0	0	0.00
SSE	0	0	0	0	0	0	0	0.00
S	0	0	0	0	0	0	0	0.00
SSW	0	0	0	0	0	0	0	0.00
SW	0	0	0	0	0	0	0	0.00
WSW	0	0	0	0	0	0	0	0.00
W	0	0	0	0	0	0	0	0.00
WNW	0	0	0	0	0	0	0	0.00
NW	1	0	0	0	0	0	1	3.31
NNW	0	0	0	0	0	0	0	0.00
Total	1	0	0	0	0	0	1	

Hours of Calm : 0
 Hours of Varying Wind Direction : 0
 Hours of Missing Data : 0
 Hours of Missing Data for All : 0
 Hours of No Stability Class : 0
 Total hours of observation : 3

JOINT WIND FREQUENCY DISTRIBUTION BY STABILITY CLASS

SITE: V. C. SUMMER Nuclear Station UNIT 1

Report Date : 03-02-27

Data Period : 2-11-18 14:00 to 2-11-18 16:00

Stability Class: C delta T/ delta z 61->10 m Delta T With Substitution

Wind Sensor Height : 10 meter +++ Batch Release Times Only +++

Hours at Each Wind Direction and Speed

Wind Direction	Wind Speed (miles/hour)						Total'	Mean Speed
	0.75- <4	4- <8	8- <13	13- <19	19- 24	>24		
N	0	0	0	0	0	0	0	0.00
NNE	0	0	0	0	0	0	0	0.00
NE	0	0	0	0	0	0	0	0.00
ENE	0	0	0	0	0	0	0	0.00
E	0	0	0	0	0	0	0	0.00
ESE	0	0	0	0	0	0	0	0.00
SE	0	0	0	0	0	0	0	0.00
SSE	0	0	0	0	0	0	0	0.00
S	0	0	0	0	0	0	0	0.00
SSW	0	0	0	0	0	0	0	0.00
SW	0	0	0	0	0	0	0	0.00
WSW	0	0	0	0	0	0	0	0.00
W	0	0	0	0	0	0	0	0.00
WNW	0	0	0	0	0	0	0	0.00
NW	0	0	0	0	0	0	0	0.00
NNW	0	0	0	0	0	0	0	0.00
Total	0	0	0	0	0	0	0	

Hours of Calm : 0
 Hours of Varying Wind Direction : 0
 Hours of Missing Data : 0
 Hours of Missing Data for All : 0
 Hours of No Stability Class : 0
 Total hours of observation : 3

JOINT WIND FREQUENCY DISTRIBUTION BY STABILITY CLASS

SITE: V. C. SUMMER Nuclear Station UNIT 1

Report Date : 03-02-27

Data Period : 2-11-18 14:00 to 2-11-18 16:00

Stability Class: D delta T/ delta z 61->10 m Delta T With Substitution

Wind Sensor Height : 10 meter +++ Batch Release Times Only +++

Hours at Each Wind Direction and Speed

Wind Direction	Wind Speed (miles/hour)						Total'	Mean Speed
	0.75- <4	4- <8	8- <13	13- <19	19- 24	>24		
N	0	0	0	0	0	0	0	0.00
NNE	0	0	0	0	0	0	0	0.00
NE	0	0	0	0	0	0	0	0.00
ENE	0	0	0	0	0	0	0	0.00
E	0	0	0	0	0	0	0	0.00
ESE	0	0	0	0	0	0	0	0.00
SE	0	0	0	0	0	0	0	0.00
SSE	0	0	0	0	0	0	0	0.00
S	0	0	0	0	0	0	0	0.00
SSW	0	0	0	0	0	0	0	0.00
SW	0	0	0	0	0	0	0	0.00
WSW	1	0	0	0	0	0	1	2.22
W	0	0	0	0	0	0	0	0.00
WNW	0	0	0	0	0	0	0	0.00
NW	0	0	0	0	0	0	0	0.00
NNW	0	0	0	0	0	0	0	0.00
Total	1	0	0	0	0	0	1	

Hours of Calm : 0
 Hours of Varying Wind Direction : 0
 Hours of Missing Data : 0
 Hours of Missing Data for All : 0
 Hours of No Stability Class : 0
 Total hours of observation : 3

JOINT WIND FREQUENCY DISTRIBUTION BY STABILITY CLASS

SITE: V. C. SUMMER Nuclear Station UNIT 1

Report Date : 03-02-27

Data Period : 2-11-18 14:00 to 2-11-18 16:00

Stability Class: E delta T/ delta z 61->10 m Delta T With Substitution

Wind Sensor Height : 10 meter +++ Batch Release Times Only +++

Hours at Each Wind Direction and Speed

Wind Direction	Wind Speed (miles/hour)						Total'	Mean Speed
	0.75- <4	4- <8	8- <13	13- <19	19- 24	>24		
N	0	0	0	0	0	0	0	0.00
NNE	0	0	0	0	0	0	0	0.00
NE	0	0	0	0	0	0	0	0.00
ENE	0	0	0	0	0	0	0	0.00
E	0	0	0	0	0	0	0	0.00
ESE	0	0	0	0	0	0	0	0.00
SE	0	0	0	0	0	0	0	0.00
SSE	0	0	0	0	0	0	0	0.00
S	0	0	0	0	0	0	0	0.00
SSW	0	0	0	0	0	0	0	0.00
SW	0	0	0	0	0	0	0	0.00
WSW	0	0	0	0	0	0	0	0.00
W	0	0	0	0	0	0	0	0.00
WNW	0	0	0	0	0	0	0	0.00
NW	0	0	0	0	0	0	0	0.00
NNW	0	0	0	0	0	0	0	0.00
Total	0	0	0	0	0	0	0	

Hours of Calm : 0
 Hours of Varying Wind Direction : 0
 Hours of Missing Data : 0
 Hours of Missing Data for All : 0
 Hours of No Stability Class : 0
 Total hours of observation : 3

JOINT WIND FREQUENCY DISTRIBUTION BY STABILITY CLASS

SITE: V. C. SUMMER Nuclear Station UNIT 1

Report Date : 03-02-27

Data Period : 2-11-18 14:00 to 2-11-18 16:00

Stability Class: F delta T/ delta z 61->10 m Delta T With Substitution

Wind Sensor Height : 10 meter +++ Batch Release Times Only +++

Hours at Each Wind Direction and Speed

Wind Direction	Wind Speed (miles/hour)						Total'	Mean Speed
	0.75- <4	4- <8	8- <13	13- <19	19- 24	>24		
N	0	0	0	0	0	0	0	0.00
NNE	0	0	0	0	0	0	0	0.00
NE	0	0	0	0	0	0	0	0.00
ENE	0	0	0	0	0	0	0	0.00
E	0	0	0	0	0	0	0	0.00
ESE	0	0	0	0	0	0	0	0.00
SE	0	0	0	0	0	0	0	0.00
SSE	0	0	0	0	0	0	0	0.00
S	0	0	0	0	0	0	0	0.00
SSW	0	0	0	0	0	0	0	0.00
SW	0	0	0	0	0	0	0	0.00
WSW	0	0	0	0	0	0	0	0.00
W	0	0	0	0	0	0	0	0.00
WNW	0	0	0	0	0	0	0	0.00
NW	0	0	0	0	0	0	0	0.00
NNW	0	0	0	0	0	0	0	0.00
Total	0	0	0	0	0	0	0	

Hours of Calm : 0
 Hours of Varying Wind Direction : 0
 Hours of Missing Data : 0
 Hours of Missing Data for All : 0
 Hours of No Stability Class : 0
 Total hours of observation : 3

JOINT WIND FREQUENCY DISTRIBUTION BY STABILITY CLASS

SITE: V. C. SUMMER Nuclear Station UNIT 1

Report Date : 03-02-27

Data Period : 2-11-18 14:00 to 2-11-18 16:00

Stability Class: G delta T/ delta z 61->10 m Delta T With Substitution

Wind Sensor Height : 10 meter +++ Batch Release Times Only +++

Hours at Each Wind Direction and Speed

Wind Direction	Wind Speed (miles/hour)						Total'	Mean Speed
	0.75- <4	4- <8	8- <13	13- <19	19- 24	>24		
N	0	0	0	0	0	0	0	0.00
NNE	0	0	0	0	0	0	0	0.00
NE	0	0	0	0	0	0	0	0.00
ENE	0	0	0	0	0	0	0	0.00
E	0	0	0	0	0	0	0	0.00
ESE	0	0	0	0	0	0	0	0.00
SE	0	0	0	0	0	0	0	0.00
SSE	0	0	0	0	0	0	0	0.00
S	0	0	0	0	0	0	0	0.00
SSW	0	0	0	0	0	0	0	0.00
SW	0	0	0	0	0	0	0	0.00
WSW	0	0	0	0	0	0	0	0.00
W	0	0	0	0	0	0	0	0.00
WNW	0	0	0	0	0	0	0	0.00
NW	0	0	0	0	0	0	0	0.00
NNW	0	0	0	0	0	0	0	0.00
Total	0	0	0	0	0	0	0	

Hours of Calm : 0
 Hours of Varying Wind Direction : 0
 Hours of Missing Data : 0
 Hours of Missing Data for All : 0
 Hours of No Stability Class : 0
 Total hours of observation : 3

JOINT WIND FREQUENCY DISTRIBUTION BY STABILITY CLASS

SITE: V. C. SUMMER Nuclear Station UNIT 1

Report Date : 03-02-27

Data Period : 2-11-18 14:00 to 2-11-18 16:00

Stability Class:ALL delta T/ delta z 61->10 m Delta T With Substitution

Wind Sensor Height : 10 meter +++ Batch Release Times Only +++

Hours at Each Wind Direction and Speed

Wind Direction	Wind Speed (miles/hour)						Total'	Mean Speed
	0.75- <4	4- <8	8- <13	13- <19	19- 24	>24		
N	0	0	0	0	0	0	0	0.00
NNE	0	0	0	0	0	0	0	0.00
NE	0	0	0	0	0	0	0	0.00
ENE	0	0	0	0	0	0	0	0.00
E	0	0	0	0	0	0	0	0.00
ESE	0	0	0	0	0	0	0	0.00
SE	0	0	0	0	0	0	0	0.00
SSE	0	0	0	0	0	0	0	0.00
S	0	0	0	0	0	0	0	0.00
SSW	0	0	0	0	0	0	0	0.00
SW	0	0	0	0	0	0	0	0.00
WSW	1	0	0	0	0	0	1	2.22
W	0	0	0	0	0	0	0	0.00
WNW	0	0	0	0	0	0	0	0.00
NW	2	0	0	0	0	0	2	3.23
NNW	0	0	0	0	0	0	0	0.00

Total 3 0 0 0 0 0 3

Hours of Calm : 0
 Hours of Varying Wind Direction : 0
 Hours of Missing Data for All : 0
 Hours of No Stability Class : 0
 Total hours of observation : 3

JOINT WIND FREQUENCY DISTRIBUTION BY STABILITY CLASS

SITE: V. C. SUMMER Nuclear Station UNIT 1

Report Date : 03-02-27

Data Period : 2-12-14 12:00 to 2-12-14 17:00

Stability Class: A delta T/ delta z 61->10 m Delta T With Substitution

Wind Sensor Height : 10 meter +++ Batch Release Times Only +++

Hours at Each Wind Direction and Speed

Wind Direction	Wind Speed (miles/hour)						Total'	Mean Speed	
	0.75- <4	4- <8	8- <13	13- <19	19- 24	>24			
N	0	0	0	0	0	0	0	0.00	
NNE	0	0	0	0	0	0	0	0.00	
NE	0	0	0	0	0	0	0	0.00	
ENE	0	0	0	0	0	0	0	0.00	
E	0	0	0	0	0	0	0	0.00	
ESE	0	0	0	0	0	0	0	0.00	
SE	0	0	0	0	0	0	0	0.00	
SSE	0	0	0	0	0	0	0	0.00	
S	0	0	0	0	0	0	0	0.00	
SSW	0	0	0	0	0	0	0	0.00	
SW	0	0	0	0	0	0	0	0.00	
WSW	0	0	0	0	0	0	0	0.00	
W	0	0	0	0	0	0	0	0.00	
WNW	0	0	0	0	0	0	0	0.00	
NW	0	0	0	0	0	0	0	0.00	
NNW	0	0	0	0	0	0	0	0.00	
Total	0	0	0	0	0	0	0		
Hours of Calm								:	0
Hours of Varying Wind Direction								:	0
Hours of Missing Data								:	0
Hours of Missing Data for All								:	0
Hours of No Stability Class								:	0
Total hours of observation								:	6

JOINT WIND FREQUENCY DISTRIBUTION BY STABILITY CLASS

SITE: V. C. SUMMER Nuclear Station UNIT 1

Report Date : 03-02-27

Data Period : 2-12-14 12:00 to 2-12-14 17:00

Stability Class: B delta T/ delta z 61->10 m Delta T With Substitution

Wind Sensor Height : 10 meter +++ Batch Release Times Only +++

Hours at Each Wind Direction and Speed

Wind Direction	Wind Speed (miles/hour)						Total'	Mean Speed
	0.75- <4	4- <8	8- <13	13- <19	19- 24	>24		
N	0	0	0	0	0	0	0	0.00
NNE	0	0	0	0	0	0	0	0.00
NE	0	0	0	0	0	0	0	0.00
ENE	0	0	0	0	0	0	0	0.00
E	0	0	0	0	0	0	0	0.00
ESE	0	0	0	0	0	0	0	0.00
SE	0	0	0	0	0	0	0	0.00
SSE	0	0	0	0	0	0	0	0.00
S	0	0	0	0	0	0	0	0.00
SSW	0	0	0	0	0	0	0	0.00
SW	0	0	0	0	0	0	0	0.00
WSW	0	0	0	0	0	0	0	0.00
W	0	0	2	0	0	0	2	11.38
WNW	0	0	1	0	0	0	1	9.85
NW	0	0	0	0	0	0	0	0.00
NNW	0	0	0	0	0	0	0	0.00
Total	0	0	3	0	0	0	3	

Hours of Calm : 0
 Hours of Varying Wind Direction : 0
 Hours of Missing Data : 0
 Hours of Missing Data for All : 0
 Hours of No Stability Class : 0
 Total hours of observation : 6

JOINT WIND FREQUENCY DISTRIBUTION BY STABILITY CLASS

SITE: V. C. SUMMER Nuclear Station UNIT 1

Report Date : 03-02-27
 Data Period : 2-12-14 12:00 to 2-12-14 17:00
 Stability Class: C delta T/ delta z 61->10 m Delta T With Substitution
 Wind Sensor Height : 10 meter +++ Batch Release Times Only +++
 Hours at Each Wind Direction and Speed

Wind Direction	Wind Speed (miles/hour)						Total'	Mean Speed	
	0.75- <4	4- <8	8- <13	13- <19	19- 24	>24			
N	0	0	0	0	0	0	0	0.00	
NNE	0	0	0	0	0	0	0	0.00	
NE	0	0	0	0	0	0	0	0.00	
ENE	0	0	0	0	0	0	0	0.00	
E	0	0	0	0	0	0	0	0.00	
ESE	0	0	0	0	0	0	0	0.00	
SE	0	0	0	0	0	0	0	0.00	
SSE	0	0	0	0	0	0	0	0.00	
S	0	0	0	0	0	0	0	0.00	
SSW	0	0	0	0	0	0	0	0.00	
SW	0	0	0	0	0	0	0	0.00	
WSW	0	0	0	0	0	0	0	0.00	
W	0	0	0	0	0	0	0	0.00	
WNW	0	0	0	0	0	0	0	0.00	
NW	0	0	0	0	0	0	0	0.00	
NNW	0	0	0	0	0	0	0	0.00	
Total	0	0	0	0	0	0	0		
Hours of Calm								:	0
Hours of Varying Wind Direction								:	0
Hours of Missing Data								:	0
Hours of Missing Data for All								:	0
Hours of No Stability Class								:	0
Total hours of observation								:	6

JOINT WIND FREQUENCY DISTRIBUTION BY STABILITY CLASS

SITE: V. C. SUMMER Nuclear Station UNIT 1

Report Date : 03-02-27

Data Period : 2-12-14 12:00 to 2-12-14 17:00

Stability Class: D delta T/ delta z 61->10 m Delta T With Substitution

Wind Sensor Height : 10 meter +++ Batch Release Times Only +++

Hours at Each Wind Direction and Speed

Wind Direction	Wind Speed (miles/hour)						Total'	Mean Speed
	0.75- <4	4- <8	8- <13	13- <19	19- 24	>24		
N	0	0	0	0	0	0	0	0.00
NNE	0	0	0	0	0	0	0	0.00
NE	0	0	0	0	0	0	0	0.00
ENE	0	0	0	0	0	0	0	0.00
E	0	0	0	0	0	0	0	0.00
ESE	0	0	0	0	0	0	0	0.00
SE	0	0	0	0	0	0	0	0.00
SSE	0	0	0	0	0	0	0	0.00
S	0	0	0	0	0	0	0	0.00
SSW	0	0	0	0	0	0	0	0.00
SW	0	0	0	0	0	0	0	0.00
WSW	0	0	0	0	0	0	0	0.00
W	0	0	1	0	0	0	1	8.75
WNW	0	1	1	0	0	0	2	7.67
NW	0	0	0	0	0	0	0	0.00
NNW	0	0	0	0	0	0	0	0.00
Total	0	1	2	0	0	0	3	

Hours of Calm : 0
 Hours of Varying Wind Direction : 0
 Hours of Missing Data : 0
 Hours of Missing Data for All : 0
 Hours of No Stability Class : 0
 Total hours of observation : 6

JOINT WIND FREQUENCY DISTRIBUTION BY STABILITY CLASS

SITE: V. C. SUMMER Nuclear Station UNIT 1

Report Date : 03-02-27
 Data Period : 2-12-14 12:00 to 2-12-14 17:00
 Stability Class: E delta T/ delta z 61->10 m Delta T With Substitution
 Wind Sensor Height : 10 meter +++ Batch Release Times Only +++
 Hours at Each Wind Direction and Speed

Wind Direction	Wind Speed (miles/hour)						Total'	Mean Speed	
	0.75- <4	4- <8	8- <13	13- <19	19- 24	>24			
N	0	0	0	0	0	0	0	0.00	
NNE	0	0	0	0	0	0	0	0.00	
NE	0	0	0	0	0	0	0	0.00	
ENE	0	0	0	0	0	0	0	0.00	
E	0	0	0	0	0	0	0	0.00	
ESE	0	0	0	0	0	0	0	0.00	
SE	0	0	0	0	0	0	0	0.00	
SSE	0	0	0	0	0	0	0	0.00	
S	0	0	0	0	0	0	0	0.00	
SSW	0	0	0	0	0	0	0	0.00	
SW	0	0	0	0	0	0	0	0.00	
WSW	0	0	0	0	0	0	0	0.00	
W	0	0	0	0	0	0	0	0.00	
WNW	0	0	0	0	0	0	0	0.00	
NW	0	0	0	0	0	0	0	0.00	
NNW	0	0	0	0	0	0	0	0.00	
Total	0	0	0	0	0	0	0		
Hours of Calm								:	0
Hours of Varying Wind Direction								:	0
Hours of Missing Data								:	0
Hours of Missing Data for All								:	0
Hours of No Stability Class								:	0
Total hours of observation								:	6

JOINT WIND FREQUENCY DISTRIBUTION BY STABILITY CLASS

SITE: V. C. SUMMER Nuclear Station UNIT 1

Report Date : 03-02-27

Data Period : 2-12-14 12:00 to 2-12-14 17:00

Stability Class: F delta T/ delta z 61->10 m Delta T With Substitution

Wind Sensor Height : 10 meter +++ Batch Release Times Only +++

Hours at Each Wind Direction and Speed

Wind Direction	Wind Speed (miles/hour)						Total'	Mean Speed
	0.75- <4	4- <8	8- <13	13- <19	19- 24	>24		
N	0	0	0	0	0	0	0	0.00
NNE	0	0	0	0	0	0	0	0.00
NE	0	0	0	0	0	0	0	0.00
ENE	0	0	0	0	0	0	0	0.00
E	0	0	0	0	0	0	0	0.00
ESE	0	0	0	0	0	0	0	0.00
SE	0	0	0	0	0	0	0	0.00
SSE	0	0	0	0	0	0	0	0.00
S	0	0	0	0	0	0	0	0.00
SSW	0	0	0	0	0	0	0	0.00
SW	0	0	0	0	0	0	0	0.00
WSW	0	0	0	0	0	0	0	0.00
W	0	0	0	0	0	0	0	0.00
WNW	0	0	0	0	0	0	0	0.00
NW	0	0	0	0	0	0	0	0.00
NNW	0	0	0	0	0	0	0	0.00
Total	0	0	0	0	0	0	0	

Hours of Calm : 0
 Hours of Varying Wind Direction : 0
 Hours of Missing Data : 0
 Hours of Missing Data for All : 0
 Hours of No Stability Class : 0
 Total hours of observation : 6

JOINT WIND FREQUENCY DISTRIBUTION BY STABILITY CLASS

SITE: V. C. SUMMER Nuclear Station UNIT 1

Report Date : 03-02-27

Data Period : 2-12-14 12:00 to 2-12-14 17:00

Stability Class: G delta T/ delta z 61->10 m Delta T With Substitution

Wind Sensor Height : 10 meter +++ Batch Release Times Only +++

Hours at Each Wind Direction and Speed

Wind Direction	Wind Speed (miles/hour)						Total'	Mean Speed
	0.75- <4	4- <8	8- <13	13- <19	19- 24	>24		
N	0	0	0	0	0	0	0	0.00
NNE	0	0	0	0	0	0	0	0.00
NE	0	0	0	0	0	0	0	0.00
ENE	0	0	0	0	0	0	0	0.00
E	0	0	0	0	0	0	0	0.00
ESE	0	0	0	0	0	0	0	0.00
SE	0	0	0	0	0	0	0	0.00
SSE	0	0	0	0	0	0	0	0.00
S	0	0	0	0	0	0	0	0.00
SSW	0	0	0	0	0	0	0	0.00
SW	0	0	0	0	0	0	0	0.00
WSW	0	0	0	0	0	0	0	0.00
W	0	0	0	0	0	0	0	0.00
WNW	0	0	0	0	0	0	0	0.00
NW	0	0	0	0	0	0	0	0.00
NNW	0	0	0	0	0	0	0	0.00
Total	0	0	0	0	0	0	0	

Hours of Calm : 0
 Hours of Varying Wind Direction : 0
 Hours of Missing Data : 0
 Hours of Missing Data for All : 0
 Hours of No Stability Class : 0
 Total hours of observation : 6

JOINT WIND FREQUENCY DISTRIBUTION BY STABILITY CLASS

SITE: V. C. SUMMER Nuclear Station UNIT 1

Report Date : 03-02-27

Data Period : 2-12-14 12:00 to 2-12-14 17:00

Stability Class:ALL delta T/ delta z 61->10 m Delta T With Substitution

Wind Sensor Height : 10 meter +++ Batch Release Times Only +++

Hours at Each Wind Direction and Speed

Wind Direction	Wind Speed (miles/hour)						Total'	Mean Speed
	0.75- <4	4- <8	8- <13	13- <19	19- 24	>24		
N	0	0	0	0	0	0	0	0.00
NNE	0	0	0	0	0	0	0	0.00
NE	0	0	0	0	0	0	0	0.00
ENE	0	0	0	0	0	0	0	0.00
E	0	0	0	0	0	0	0	0.00
ESE	0	0	0	0	0	0	0	0.00
SE	0	0	0	0	0	0	0	0.00
SSE	0	0	0	0	0	0	0	0.00
S	0	0	0	0	0	0	0	0.00
SSW	0	0	0	0	0	0	0	0.00
SW	0	0	0	0	0	0	0	0.00
WSW	0	0	0	0	0	0	0	0.00
W	0	0	3	0	0	0	3	10.51
WNW	0	1	2	0	0	0	3	8.40
NW	0	0	0	0	0	0	0	0.00
NNW	0	0	0	0	0	0	0	0.00
Total	0	1	5	0	0	0	6	

Hours of Calm : 0
 Hours of Varying Wind Direction : 0
 Hours of Missing Data for All : 0
 Hours of No Stability Class : 0
 Total hours of observation : 6

JOINT WIND FREQUENCY DISTRIBUTION BY STABILITY CLASS

SITE: V. C. SUMMER Nuclear Station UNIT 1

Report Date : 03-02-27
 Data Period : 2-12-16 09:00 to 2-12-16 12:00
 Stability Class: A delta T/ delta z 61->10 m Delta T With Substitution
 Wind Sensor Height : 10 meter +++ Batch Release Times Only +++
 Hours at Each Wind Direction and Speed

Wind Direction	Wind Speed (miles/hour)						Total'	Mean Speed
	0.75- <4	4- <8	8- <13	13- <19	19- 24	>24		
N	0	0	0	0	0	0	0	0.00
NNE	0	0	0	0	0	0	0	0.00
NE	0	0	0	0	0	0	0	0.00
ENE	0	0	0	0	0	0	0	0.00
E	0	0	0	0	0	0	0	0.00
ESE	0	0	0	0	0	0	0	0.00
SE	0	0	0	0	0	0	0	0.00
SSE	0	0	0	0	0	0	0	0.00
S	0	0	0	0	0	0	0	0.00
SSW	0	0	0	0	0	0	0	0.00
SW	0	0	0	0	0	0	0	0.00
WSW	0	0	0	0	0	0	0	0.00
W	0	0	0	0	0	0	0	0.00
WNW	0	0	0	0	0	0	0	0.00
NW	0	0	0	0	0	0	0	0.00
NNW	0	0	0	0	0	0	0	0.00
Total	0	0	0	0	0	0	0	

Hours of Calm : 0
 Hours of Varying Wind Direction : 0
 Hours of Missing Data : 0
 Hours of Missing Data for All : 0
 Hours of No Stability Class : 0
 Total hours of observation : 4

JOINT WIND FREQUENCY DISTRIBUTION BY STABILITY CLASS

SITE: V. C. SUMMER Nuclear Station UNIT 1

Report Date : 03-02-27
 Data Period : 2-12-16 09:00 to 2-12-16 12:00
 Stability Class: B delta T/ delta z 61->10 m Delta T With Substitution
 Wind Sensor Height : 10 meter +++ Batch Release Times Only +++
 Hours at Each Wind Direction and Speed

Wind Direction	Wind Speed (miles/hour)						Total'	Mean Speed
	0.75- <4	4- <8	8- <13	13- <19	19- 24	>24		
N	0	0	0	0	0	0	0	0.00
NNE	0	0	0	0	0	0	0	0.00
NE	0	0	0	0	0	0	0	0.00
ENE	0	0	0	0	0	0	0	0.00
E	0	0	0	0	0	0	0	0.00
ESE	0	0	0	0	0	0	0	0.00
SE	0	0	0	0	0	0	0	0.00
SSE	0	0	0	0	0	0	0	0.00
S	0	0	0	0	0	0	0	0.00
SSW	0	0	0	0	0	0	0	0.00
SW	0	0	0	0	0	0	0	0.00
WSW	0	1	0	0	0	0	1	5.27
W	0	0	0	0	0	0	0	0.00
WNW	0	0	0	0	0	0	0	0.00
NW	0	0	0	0	0	0	0	0.00
NNW	0	0	0	0	0	0	0	0.00
Total	0	1	0	0	0	0	1	
Hours of Calm	:							0
Hours of Varying Wind Direction	:							0
Hours of Missing Data	:							0
Hours of Missing Data for All	:							0
Hours of No Stability Class	:							0
Total hours of observation	:							4

JOINT WIND FREQUENCY DISTRIBUTION BY STABILITY CLASS

SITE: V. C. SUMMER Nuclear Station UNIT 1

Report Date : 03-02-27

Data Period : 2-12-16 09:00 to 2-12-16 12:00

Stability Class: C delta T/ delta z 61->10 m Delta T With Substitution

Wind Sensor Height : 10 meter +++ Batch Release Times Only +++

Hours at Each Wind Direction and Speed

Wind Direction	Wind Speed (miles/hour)						Total'	Mean Speed
	0.75- <4	4- <8	8- <13	13- <19	19- 24	>24		
N	0	0	0	0	0	0	0	0.00
NNE	0	0	0	0	0	0	0	0.00
NE	0	0	0	0	0	0	0	0.00
ENE	0	0	0	0	0	0	0	0.00
E	0	0	0	0	0	0	0	0.00
ESE	0	0	0	0	0	0	0	0.00
SE	0	0	0	0	0	0	0	0.00
SSE	0	0	0	0	0	0	0	0.00
S	0	0	0	0	0	0	0	0.00
SSW	0	0	0	0	0	0	0	0.00
SW	0	0	0	0	0	0	0	0.00
WSW	0	0	0	0	0	0	0	0.00
W	0	0	0	0	0	0	0	0.00
WNW	0	0	0	0	0	0	0	0.00
NW	0	0	0	0	0	0	0	0.00
NNW	0	0	0	0	0	0	0	0.00
Total	0	0	0	0	0	0	0	

Hours of Calm : 0
 Hours of Varying Wind Direction : 0
 Hours of Missing Data : 0
 Hours of Missing Data for All : 0
 Hours of No Stability Class : 0
 Total hours of observation : 4

JOINT WIND FREQUENCY DISTRIBUTION BY STABILITY CLASS

SITE: V. C. SUMMER Nuclear Station UNIT 1

Report Date : 03-02-27

Data Period : 2-12-16 09:00 to 2-12-16 12:00

Stability Class: D delta T/ delta z 61->10 m Delta T With Substitution

Wind Sensor Height : 10 meter +++ Batch Release Times Only +++

Hours at Each Wind Direction and Speed

Wind Direction	Wind Speed (miles/hour)						Total'	Mean Speed
	0.75- <4	4- <8	8- <13	13- <19	19- 24	>24		
N	0	0	0	0	0	0	0	0.00
NNE	0	0	0	0	0	0	0	0.00
NE	0	0	0	0	0	0	0	0.00
ENE	0	0	0	0	0	0	0	0.00
E	0	0	0	0	0	0	0	0.00
ESE	0	0	0	0	0	0	0	0.00
SE	0	0	0	0	0	0	0	0.00
SSE	0	0	0	0	0	0	0	0.00
S	0	0	0	0	0	0	0	0.00
SSW	0	0	0	0	0	0	0	0.00
SW	0	0	0	0	0	0	0	0.00
WSW	0	1	0	0	0	0	1	6.48
W	0	0	0	0	0	0	0	0.00
WNW	0	0	0	0	0	0	0	0.00
NW	0	0	0	0	0	0	0	0.00
NNW	0	0	0	0	0	0	0	0.00
Total	0	1	0	0	0	0	1	

Hours of Calm : 0
 Hours of Varying Wind Direction : 0
 Hours of Missing Data : 0
 Hours of Missing Data for All : 0
 Hours of No Stability Class : 0
 Total hours of observation : 4

JOINT WIND FREQUENCY DISTRIBUTION BY STABILITY CLASS

SITE: V. C. SUMMER Nuclear Station UNIT 1

Report Date : 03-02-27

Data Period : 2-12-16 09:00 to 2-12-16 12:00

Stability Class: E delta T/ delta z 61->10 m Delta T With Substitution

Wind Sensor Height : 10 meter +++ Batch Release Times Only +++

Hours at Each Wind Direction and Speed

Wind Direction	Wind Speed (miles/hour)						Total'	Mean Speed
	0.75- <4	4- <8	8- <13	13- <19	19- 24	>24		
N	0	0	0	0	0	0	0	0.00
NNE	0	0	0	0	0	0	0	0.00
NE	0	0	0	0	0	0	0	0.00
ENE	0	0	0	0	0	0	0	0.00
E	0	0	0	0	0	0	0	0.00
ESE	0	0	0	0	0	0	0	0.00
SE	0	0	0	0	0	0	0	0.00
SSE	0	0	0	0	0	0	0	0.00
S	0	0	0	0	0	0	0	0.00
SSW	0	0	0	0	0	0	0	0.00
SW	0	0	0	0	0	0	0	0.00
WSW	0	0	0	0	0	0	0	0.00
W	0	1	0	0	0	0	1	7.15
WNW	0	1	0	0	0	0	1	7.78
NW	0	0	0	0	0	0	0	0.00
NNW	0	0	0	0	0	0	0	0.00
Total	0	2	0	0	0	0	2	

Hours of Calm : 0
 Hours of Varying Wind Direction : 0
 Hours of Missing Data : 0
 Hours of Missing Data for All : 0
 Hours of No Stability Class : 0
 Total hours of observation : 4

JOINT WIND FREQUENCY DISTRIBUTION BY STABILITY CLASS

SITE: V. C. SUMMER Nuclear Station UNIT 1

Report Date : 03-02-27

Data Period : 2-12-16 09:00 to 2-12-16 12:00

Stability Class: F delta T/ delta z 61->10 m Delta T With Substitution

Wind Sensor Height : 10 meter +++ Batch Release Times Only +++

Hours at Each Wind Direction and Speed

Wind Direction	Wind Speed (miles/hour)						Total'	Mean Speed
	0.75- <4	4- <8	8- <13	13- <19	19- 24	>24		
N	0	0	0	0	0	0	0	0.00
NNE	0	0	0	0	0	0	0	0.00
NE	0	0	0	0	0	0	0	0.00
ENE	0	0	0	0	0	0	0	0.00
E	0	0	0	0	0	0	0	0.00
ESE	0	0	0	0	0	0	0	0.00
SE	0	0	0	0	0	0	0	0.00
SSE	0	0	0	0	0	0	0	0.00
S	0	0	0	0	0	0	0	0.00
SSW	0	0	0	0	0	0	0	0.00
SW	0	0	0	0	0	0	0	0.00
WSW	0	0	0	0	0	0	0	0.00
W	0	0	0	0	0	0	0	0.00
WNW	0	0	0	0	0	0	0	0.00
NW	0	0	0	0	0	0	0	0.00
NNW	0	0	0	0	0	0	0	0.00
Total	0	0	0	0	0	0	0	

Hours of Calm : 0
 Hours of Varying Wind Direction : 0
 Hours of Missing Data : 0
 Hours of Missing Data for All : 0
 Hours of No Stability Class : 0
 Total hours of observation : 4

JOINT WIND FREQUENCY DISTRIBUTION BY STABILITY CLASS

SITE: V. C. SUMMER Nuclear Station UNIT 1

Report Date : 03-02-27

Data Period : 2-12-16 09:00 to 2-12-16 12:00

Stability Class: G delta T/ delta z 61->10 m Delta T With Substitution

Wind Sensor Height : 10 meter +++ Batch Release Times Only +++

Hours at Each Wind Direction and Speed

Wind Direction	Wind Speed (miles/hour)						Total'	Mean Speed
	0.75- <4	4- <8	8- <13	13- <19	19- 24	>24		
N	0	0	0	0	0	0	0	0.00
NNE	0	0	0	0	0	0	0	0.00
NE	0	0	0	0	0	0	0	0.00
ENE	0	0	0	0	0	0	0	0.00
E	0	0	0	0	0	0	0	0.00
ESE	0	0	0	0	0	0	0	0.00
SE	0	0	0	0	0	0	0	0.00
SSE	0	0	0	0	0	0	0	0.00
S	0	0	0	0	0	0	0	0.00
SSW	0	0	0	0	0	0	0	0.00
SW	0	0	0	0	0	0	0	0.00
WSW	0	0	0	0	0	0	0	0.00
W	0	0	0	0	0	0	0	0.00
WNW	0	0	0	0	0	0	0	0.00
NW	0	0	0	0	0	0	0	0.00
NNW	0	0	0	0	0	0	0	0.00

Total 0 0 0 0 0 0 0 0

Hours of Calm : 0
 Hours of Varying Wind Direction : 0
 Hours of Missing Data : 0
 Hours of Missing Data for All : 0
 Hours of No Stability Class : 0
 Total hours of observation : 4

JOINT WIND FREQUENCY DISTRIBUTION BY STABILITY CLASS

SITE: V. C. SUMMER Nuclear Station UNIT 1

Report Date : 03-02-27

Data Period : 2-12-16 09:00 to 2-12-16 12:00

Stability Class:ALL delta T/ delta z 61->10 m Delta T With Substitution

Wind Sensor Height : 10 meter +++ Batch Release Times Only +++

Hours at Each Wind Direction and Speed

Wind Direction	Wind Speed (miles/hour)						Total'	Mean Speed
	0.75- <4	4- <8	8- <13	13- <19	19- 24	>24		
N	0	0	0	0	0	0	0	0.00
NNE	0	0	0	0	0	0	0	0.00
NE	0	0	0	0	0	0	0	0.00
ENE	0	0	0	0	0	0	0	0.00
E	0	0	0	0	0	0	0	0.00
ESE	0	0	0	0	0	0	0	0.00
SE	0	0	0	0	0	0	0	0.00
SSE	0	0	0	0	0	0	0	0.00
S	0	0	0	0	0	0	0	0.00
SSW	0	0	0	0	0	0	0	0.00
SW	0	0	0	0	0	0	0	0.00
WSW	0	2	0	0	0	0	2	5.87
W	0	1	0	0	0	0	1	7.15
WNW	0	1	0	0	0	0	1	7.78
NW	0	0	0	0	0	0	0	0.00
NNW	0	0	0	0	0	0	0	0.00
Total	0	4	0	0	0	0	4	

Hours of Calm : 0
 Hours of Varying Wind Direction : 0
 Hours of Missing Data for All : 0
 Hours of No Stability Class : 0
 Total hours of observation : 4