Date Printed: 11/25/2014 01:20

OAK RIDGE NATIONAL LABORATORY
Managed by UT-Battelle for the Department of Energy

Daily Summary Report

Site: Tower "D" (1000 Area)

11/24/2014

Interval: 001h

	01_TempC_002m	02_TempC_015m	03_TempC_035m	04_TempC_060m	09_VTGrad_0215m	10_VTGrad_0235m	11_VTGrad_0260m	12_VTGrad_1535m	13_VTGrad_1560m
Hour	DEGC	DEGC	DEGC	DEGC	DEGC	DEGC	DEGC	DEGC	DEGC
00:00	16.3	16.6	16.5	16.5	.30	.24	.26	-.05	-.03
01:00	16.4	16.7	16.6	16.6	.27	.18	.17	-.09	-.10
02:00	16.2	16.5	16.4	16.4	.27	.17	.17	-.10	-.10
03:00	15.9	16.2	16.1	16.1	.31	.21	.22	-.10	-.09
04:00	15.8	16.2	16.1	16.1	.33	.23	.24	-.10	-.09
05:00	16.1	16.4	16.2	16.2	.30	.17	.18	-.12	-.12
06:00	16.3	16.5	16.4	16.4	.27	.15	.16	-.12	-.11
07:00	16.4	16.6	16.5	16.5	.22	.09	.10	-.13	-.12
08:00	17.1	17.2	17.0	17.0	.13	-.02	-.03	-.14	-.16
09:00	17.9	17.9	17.7	17.7	-.02	-.22	-.27	-.19	-.24
10:00	19.2	19.0	18.7	18.6	-.23	-.46	-.55	-.24	-.32
11:00	19.4	19.2	19.0	18.9	-.16	-.38	-.46	-.23	-.30
12:00	20.6	20.3	20.0	19.9	-.31	-.55	-.68	-.24	-.37
13:00	20.7	20.3	20.1	19.9	-.33	-.58	-.72	-.25	-.39
14:00	21.0	20.5	20.3	20.1	-.48	-.74	-.89	-.27	-.41
15:00	20.2	19.9	19.6	19.5	-.29	-.54	-.66	-.24	-.36
16:00	18.7	18.7	18.6	18.5	.02	-.15	-.20	-.17	-.22
17:00	16.5	17.1	17.1	17.1	.62	.56	.61	-.05	.00
18:00	14.1	15.8	15.8	15.9	1.64	1.69	1.79	.05	.15
19:00	11.0	14.5	14.7	14.9	3.50	3.72	3.92	.22	.42
20:00	11.2	13.5	13.6	13.7	2.33	2.46	2.55	.13	.23
21:00	10.8	12.4	12.5	12.5	1.65	1.68	1.74	.03	.09
22:00	9.0	11.3	11.5	11.6	2.37	2.56	2.66	.19	.29
23:00	10.2	10.8	10.7	10.8	.54	.50	.52	-.04	-.01
Avg	16.1	16.7	16.6	16.6	.55	.46	.45	-.09	-.10
Max	21.0	20.5	20.3	20.1	3.50	3.72	3.92	.22	.42
Hr. of Max	14	14	14	14	19	19	19	19	19
Min	9.0	10.8	10.7	10.8	-.48	-.74	-.89	-.27	-.41
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

11/24/2014

Interval: 001h

	14_DewPtC_002m	15_DewPtC_015m	17a_WBulbC	18_SoilTempC	19_RH_002m	20_RH_015m	21_AbsHum_002m	22_AbsHum_015m	23_Mix Ratio_002m
Hour	DEGC	DEGC	DEGC	DEGC	PERCENT	PERCENT	G/M3	G/M3	COUNT
00:00	12.8	12.8	14.0	9.5	81.1	79.7	11.1	11.1	0.009633
01:00	12.6	12.7	13.9	9.7	79.7	78.5	11.0	11.0	0.009528
02:00	12.4	12.5	13.7	9.9	79.5	78.4	10.8	10.9	0.009397
03:00	11.9	12.0	13.2	10.0	78.3	77.1	10.5	10.5	0.009074
04:00	11.5	11.6	13.0	10.1	76.8	75.5	10.2	10.3	0.008842
05:00	11.5	11.5	13.0	10.2	75.4	74.2	10.2	10.2	0.008826
06:00	11.5	11.6	13.1	10.2	74.7	73.7	10.2	10.2	0.008847
07:00	11.7	11.7	13.2	10.3	74.8	73.9	10.3	10.3	0.008932
08:00	11.9	11.9	13.6	10.3	72.9	72.2	10.5	10.4	0.009075
09:00	12.0	11.9	14.0	10.5	69.7	69.4	10.5	10.5	0.009144
10:00	11.6	11.4	14.1	10.6	62.4	62.6	10.2	10.1	0.008872
11:00	11.2	11.1	13.9	10.8	60.3	60.4	9.9	9.8	0.008663
12:00	9.7	9.5	13.3	11.1	50.7	50.9	9.0	8.8	0.007856
13:00	8.7	8.5	12.7	11.3	47.1	47.3	8.4	8.3	0.007324
14:00	6.5	6.2	11.3	11.5	39.8	40.1	7.2	7.1	0.006329
15:00	4.3	4.0	9.6	11.7	35.8	35.9	6.2	6.1	0.005407
16:00	4.1	4.0	9.0	11.8	38.7	38.4	6.2	6.1	0.005323
17:00	5.0	4.8	8.8	11.9	47.2	44.8	6.6	6.5	0.005646
18:00	5.5	5.0	8.4	11.8	57.0	49.6	6.9	6.6	0.005836
19:00	5.5	4.4	7.3	11.7	69.7	51.5	6.9	6.4	0.005807
20:00	4.0	2.8	6.4	11.6	62.8	49.2	6.3	5.7	0.00525
21:00	2.3	.9	5.1	11.4	56.6	45.9	5.6	5.0	0.004633
22:00	1.9	.3	4.2	11.2	61.9	47.3	5.4	4.8	0.004475
23:00	-.2	-.7	3.3	11.0	49.0	45.4	4.6	4.5	0.003858
Avg	8.3	8.0	10.9	10.8	62.6	59.2	8.5	8.4	0.007357
Max	12.8	12.8	14.1	11.9	81.1	79.7	11.1	11.1	0.009633
Hr. of Max	00	00	10	17	00	00	00	00	00
Min	-.2	-.7	3.3	9.5	35.8	35.9	4.6	4.5	0.003858
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

11/24/2014

Interval: 001h

	24_Mix Ratio_015m	27_VaporPr_002m	28_VaporPr_015m	34_Precip_In	36_BarPres_In	37_BarPres_Mb	38_SolarRad_Wm2	39_SolarRad_Lang	40_WDir_015m
Hour	COUNT	KPa	KPa	INCHES	INHG	KPa	W/M2	Langleys	DEG
00:00	0.009648	14.8	14.8	.00	28.70	971.9	-2.3	.00	209.3
01:00	0.009551	14.7	14.7	.00	28.70	972.0	-2.8	.00	213.5
02:00	0.00943	14.5	14.5	.00	28.71	972.3	-1.6	.00	213.6
03:00	0.009119	14.0	14.0	.00	28.71	972.2	-1.8	.00	211.9
04:00	0.008881	13.6	13.7	.00	28.72	972.4	-2.0	.00	210.6
05:00	0.008852	13.6	13.6	.00	28.72	972.5	-2.4	.00	206.0
06:00	0.008876	13.6	13.7	.00	28.73	973.0	-3.2	.00	209.2
07:00	0.008951	13.8	13.8	.00	28.73	973.0	16.4	.02	208.4
08:00	0.009064	14.0	14.0	.00	28.75	973.6	69.8	.10	210.9
09:00	0.00909	14.1	14.0	.00	28.78	974.7	205.6	.29	213.4
10:00	0.00878	13.7	13.6	.00	28.80	975.2	364.9	.52	214.4
11:00	0.008587	13.4	13.3	.00	28.80	975.4	283.5	.41	211.7
12:00	0.007735	12.2	12.0	.00	28.79	975.1	461.5	.66	221.7
13:00	0.007214	11.4	11.2	.00	28.80	975.3	337.8	.48	235.2
14:00	0.006196	9.8	9.6	.00	28.81	975.7	424.5	.61	240.1
15:00	0.005321	8.4	8.3	.00	28.84	976.6	307.6	.44	243.1
16:00	0.005281	8.3	8.2	.00	28.87	977.7	130.2	.19	247.2
17:00	0.00557	8.8	8.7	.00	28.90	978.7	5.2	.01	249.2
18:00	0.005653	9.1	8.8	.00	28.94	980.0	-1.8	.00	248.7
19:00	0.005404	9.1	8.5	.00	28.98	981.3	-2.3	.00	240.5
20:00	0.004831	8.2	7.6	.00	29.01	982.5	-2.2	.00	254.4
21:00	0.004198	7.3	6.6	.00	29.04	983.6	-2.0	.00	238.6
22:00	0.004018	7.0	6.3	.00	29.07	984.5	-2.5	.00	238.8
23:00	0.003711	6.1	5.8	.00	29.10	985.5	-1.6	.00	258.5
Avg	0.007248	11.4	11.2	.00	28.83	976.4	107.4	.16	226.0
Max	0.009648	14.8	14.8	.00	29.10	985.5	461.5	.66	258.5
Hr. of Max	00	00	00	23	23	23	12	12	23
Min	0.003711	6.1	5.8	.00	28.70	971.9	-3.2	.00	206.0
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

11/24/2014

Interval: 001h

	41_WDir_035m	42_WDir_060m	46_SWDir_015m	47_SWDir_060m	50_Sigma_015m	51_Sigma_035m	52_Sigma_060m	55_RWSpd_015m	56_RWSpd_035m
Hour	DEG	DEG	DEG	DEG	DEG	DEG	DEG	MPH	MPH
00:00	215.9	212.3	217.3	215.2	20.2	16.0	12.6	9.1	12.7
01:00	219.7	215.3	221.6	218.1	21.6	16.6	13.6	8.2	11.1
02:00	218.3	214.4	221.1	217.2	22.5	18.3	14.0	7.9	11.1
03:00	214.9	209.4	219.5	211.9	21.7	18.4	15.2	8.5	11.3
04:00	215.4	209.9	218.2	212.4	20.8	16.6	14.0	8.9	12.1
05:00	211.7	207.6	213.3	210.1	21.8	17.5	15.4	9.9	12.9
06:00	215.1	209.8	216.7	212.5	20.9	18.1	15.4	7.9	10.7
07:00	211.8	204.8	215.0	207.2	24.0	19.3	16.3	7.4	9.8
08:00	215.3	211.6	218.8	214.2	20.3	16.4	12.7	10.1	13.5
09:00	221.1	217.1	220.8	220.0	21.0	17.0	13.3	11.3	15.2
10:00	221.1	218.4	221.6	220.8	21.8	18.0	14.8	11.8	15.9
11:00	218.2	215.5	218.4	218.0	22.4	18.5	14.0	11.1	14.9
12:00	227.4	224.3	228.9	227.3	22.1	17.1	13.1	12.9	18.1
13:00	243.3	241.3	242.6	243.5	24.1	19.1	15.3	10.0	14.1
14:00	246.6	244.2	247.1	246.3	23.2	18.9	15.8	9.3	12.8
15:00	248.8	247.3	249.9	249.6	22.9	17.7	14.8	10.0	13.6
16:00	254.4	253.2	254.2	255.2	22.3	17.3	13.4	7.9	11.2
17:00	258.3	258.3	256.0	260.3	18.1	13.9	11.4	4.9	7.3
18:00	260.1	260.1	254.8	262.5	14.2	11.3	9.5	3.9	6.3
19:00	253.7	252.6	245.7	254.7	11.7	9.0	7.7	2.9	5.7
20:00	265.6	267.5	259.9	269.3	17.2	13.2	11.4	3.5	5.9
21:00	259.1	264.7	244.5	266.4	22.4	17.5	14.9	3.0	5.0
22:00	255.6	265.0	244.8	266.8	20.1	14.1	12.2	3.2	5.4
23:00	272.7	276.3	265.0	277.3	23.2	16.2	13.7	4.9	7.7
Avg	235.0	233.0	233.0	235.0	20.9	16.5	13.5	.0	.0
Max	272.7	276.3	265.0	277.3	24.1	19.3	16.3	12.9	18.1
Hr. of Max	23	23	23	23	13	07	07	12	12
Min	211.7	204.8	213.3	207.2	11.7	9.0	7.7	2.9	5.0
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

11/24/2014

Interval: 001h

	57_RWSpd_060m	58_WSpd_015m	59_WSpd_035m	60_WSpd_060m	66_HSSpd_015m	67_HSSpd_060m	70_WElev_015m	71_WElev_060m	72_VSSpd_015m
Hour	MPH	MPH	MPH	MPH	MPH	MPH	DEG	DEG	MPH
00:00	16.0	9.6	13.1	16.4	10.3	17.4	2.2	.3	.05
01:00	13.5	8.7	11.6	13.8	9.3	14.7	.9	.2	-.11
02:00	14.0	8.5	11.6	14.4	9.2	15.2	1.8	.1	-.02
03:00	14.0	9.0	11.8	14.4	9.8	15.3	.1	.3	-.23
04:00	15.0	9.5	12.6	15.4	10.1	16.3	.3	.1	-.19
05:00	15.5	10.6	13.4	16.0	11.0	17.0	.3	.9	-.18
06:00	13.3	8.3	11.1	13.7	9.1	14.7	.8	.5	-.09
07:00	12.6	8.0	10.3	13.1	8.8	13.9	1.2	1.1	-.09
08:00	16.6	10.8	14.0	17.0	11.5	17.9	-.1	-.8	-.30
09:00	18.8	12.0	15.8	19.3	12.9	20.5	-.2	.2	-.36
10:00	19.3	12.6	16.6	19.9	13.5	21.1	1.0	1.9	-.18
11:00	18.2	11.9	15.6	18.7	12.8	19.9	.4	1.2	-.24
12:00	22.4	13.7	18.8	23.0	14.9	24.3	.5	.2	-.37
13:00	17.3	10.9	14.9	18.0	12.1	19.1	1.2	.9	-.18
14:00	15.4	10.0	13.5	16.0	11.0	17.1	-.4	2.0	-.49
15:00	16.4	10.7	14.2	16.9	11.6	18.0	-.3	.4	-.43
16:00	14.0	8.4	11.7	14.4	9.2	15.3	-.3	.9	-.40
17:00	9.3	5.1	7.6	9.5	5.8	10.0	-1.5	1.0	-.29
18:00	8.4	4.1	6.4	8.5	4.6	9.0	-1.3	1.3	-.16
19:00	7.7	3.0	5.7	7.8	3.4	8.3	1.3	1.3	.05
20:00	7.9	3.7	6.0	8.1	4.2	8.5	-1.7	.4	-.20
21:00	6.7	3.1	5.2	6.9	3.7	7.4	-.8	.8	-.09
22:00	6.7	3.6	5.7	7.0	4.0	7.5	-.8	1.0	-.13
23:00	9.9	5.3	8.0	10.2	5.9	10.5	-.9	-1.5	-.28
Avg	.0	8.4	11.5	14.1	9.1	15.0	.2	.6	-.20
Max	22.4	13.7	18.8	23.0	14.9	24.3	2.2	2.0	.05
Hr. of Max	12	12	12	12	12	12	00	14	19
Min	6.7	3.0	5.2	6.9	3.4	7.4	-1.7	-1.5	-.49
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

11/24/2014

Interval: 001h

	73_VSSpd_060m	79_PkWsH_015m	80_PkWsH_035m	81_PkWsH_060m	82_SPkWsH_015m	83_SPkWsH_060m	84_SigPhi_015m	85_SigPhi_060m
Hour	MPH	MPH	MPH	MPH	MPH	MPH	DEG	DEG
00:00	-.11	23.6	27.0	38.2	25.7	33.4	16.0	9.6
01:00	-.14	22.0	24.5	28.4	22.4	29.7	15.8	10.5
02:00	-.23	26.3	27.9	27.9	29.6	28.8	16.7	11.2
03:00	-.20	27.9	31.4	38.5	27.1	34.1	15.6	12.5
04:00	-.27	25.2	27.7	38.0	27.1	34.3	15.5	11.2
05:00	-.04	29.1	31.1	32.3	27.3	34.7	15.0	11.9
06:00	-.11	21.3	24.3	25.9	22.4	26.5	15.1	12.1
07:00	.02	19.9	25.9	26.1	21.7	27.5	16.2	12.7
08:00	-.50	27.5	32.7	34.6	30.0	36.6	14.4	9.6
09:00	-.25	29.5	35.5	36.6	30.5	37.5	14.3	9.9
10:00	.35	35.3	38.0	42.6	31.6	38.9	15.2	10.8
11:00	.07	30.0	38.7	60.0	30.5	40.6	15.8	11.0
12:00	-.19	31.4	37.1	40.3	33.2	42.5	14.9	9.1
13:00	-.02	29.8	32.3	60.7	27.9	40.6	15.9	10.9
14:00	.24	26.6	29.1	30.2	28.8	32.5	16.0	11.7
15:00	-.19	25.2	31.6	32.3	29.7	34.7	15.1	10.2
16:00	-.02	24.3	38.0	27.9	24.5	30.1	16.6	10.1
17:00	.07	15.3	21.8	28.6	17.2	18.8	13.2	8.9
18:00	.12	8.7	13.1	20.6	10.1	15.1	9.8	7.5
19:00	.14	8.0	15.3	15.1	9.4	15.4	8.4	6.0
20:00	-.05	13.7	16.9	16.7	14.2	18.3	11.1	8.1
21:00	-.07	8.0	13.5	15.3	10.5	16.5	13.8	11.8
22:00	.04	13.5	15.6	19.0	14.8	19.6	9.5	8.4
23:00	-.44	23.8	20.4	21.3	15.4	22.5	16.5	9.6
Avg	-.07	22.7	27.1	31.5	23.4	29.6	14.4	10.2
Max	.35	35.3	38.7	60.7	33.2	42.5	16.7	12.7
Hr. of Max	10	10	11	13	12	12	02	07
Min	-.50	8.0	13.1	15.1	9.4	15.1	8.4	6.0
Count	24	24	24	24	24	24	24	24
Total								