Date Printed: 09/03/2014 01:20

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

Daily Summary Report

Site: Tower "D" (1000 Area)

9/2/2014

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	21.9	22.9	23.8	24.7	.92	1.89	2.77	.97	1.86
01:00	21.6	22.4	23.2	24.4	.85	1.65	2.82	.80	1.97
02:00	21.2	22.2	23.3	24.2	.97	2.07	2.95	1.10	1.98
03:00	21.1	22.1	22.6	23.3	1.03	1.51	2.20	.48	1.17
04:00	20.8	21.7	22.3	23.1	.90	1.47	2.30	.57	1.40
05:00	20.9	21.7	22.2	23.1	.83	1.29	2.23	.46	1.40
06:00	20.7	21.5	22.2	22.7	.79	1.48	2.04	.69	1.24
07:00	20.6	21.4	21.6	22.2	.75	1.02	1.56	.27	.82
08:00	22.5	22.6	22.6	22.8	.09	.11	.30	.02	.22
09:00	24.7	24.3	24.0	23.9	-.43	-.68	-.80	-.25	-.36
10:00	26.2	25.7	25.3	25.2	-.57	-.91	-1.01	-.34	-.44
11:00	28.1	27.4	27.1	27.0	-.75	-1.07	-1.16	-.31	-.41
12:00	29.8	28.9	28.6	28.5	-.91	-1.24	-1.34	-.33	-.42
13:00	30.9	30.1	29.7	29.6	-.87	-1.25	-1.37	-.38	-.50
14:00	31.2	30.4	30.1	30.0	-.80	-1.13	-1.22	-.32	-.42
15:00	31.5	30.8	30.5	30.4	-.68	-1.01	-1.09	-.33	-.41
16:00	31.8	31.1	30.8	30.7	-.65	-.96	-1.12	-.31	-.48
17:00	31.4	31.0	30.7	30.6	-.39	-.70	-.80	-.31	-.40
18:00	30.4	30.4	30.2	30.2	-.06	-.21	-.19	-.15	-.13
19:00	27.0	28.1	28.6	28.9	1.16	1.60	1.97	.44	.81
20:00	25.4	25.2	25.1	25.0	-.11	-.28	-.33	-.17	-.22
21:00	22.1	22.1	22.0	22.1	.01	-.08	.01	-.09	.00
22:00	21.1	21.3	21.5	22.1	.11	.36	.92	.26	.82
23:00	21.1	21.0	21.0	21.2	.00	-.02	.10	-.01	.11
Avg	25.2	25.3	25.4	25.7	.09	.20	.49	.12	.40
Max	31.8	31.1	30.8	30.7	1.16	2.07	2.95	1.10	1.98
Hr. of Max	16	16	16	16	19	02	02	02	02
Min	20.6	21.0	21.0	21.2	-.91	-1.25	-1.37	-.38	-.50
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

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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	20.5	21.2	21.0	26.9	93.9	92.7	17.8	18.5	0.015619
01:00	20.2	21.2	20.7	26.7	94.1	95.1	17.4	18.5	0.01532
02:00	19.9	21.1	20.3	26.4	94.3	95.9	17.1	18.4	0.015006
03:00	19.7	21.0	20.2	26.2	94.5	95.8	17.0	18.3	0.014889
04:00	19.6	20.7	20.0	26.0	94.6	96.1	16.8	18.0	0.014713
05:00	19.6	20.7	20.0	25.8	94.6	96.1	16.9	18.0	0.014757
06:00	19.5	20.2	19.9	25.7	94.9	94.9	16.7	17.5	0.014636
07:00	19.4	20.2	19.8	25.5	95.0	95.7	16.7	17.5	0.014556
08:00	20.4	20.1	21.1	25.4	90.0	87.9	17.6	17.3	0.015501
09:00	20.5	20.0	21.9	25.3	79.6	78.9	17.7	17.1	0.015655
10:00	20.8	20.3	22.6	25.3	74.1	74.3	17.9	17.4	0.01595
11:00	21.1	20.5	23.4	25.6	67.6	68.0	18.1	17.5	0.016272
12:00	21.0	20.5	24.0	26.1	61.1	62.1	18.0	17.4	0.01623
13:00	20.6	20.2	24.1	26.7	56.0	57.2	17.5	17.0	0.015837
14:00	20.4	20.1	24.0	27.3	54.5	55.8	17.3	16.9	0.015681
15:00	20.4	20.0	24.1	27.8	53.4	54.2	17.2	16.9	0.015668
16:00	20.4	19.9	24.2	28.0	52.6	52.9	17.2	16.7	0.015695
17:00	20.4	20.1	24.1	28.2	53.7	53.9	17.2	16.9	0.015689
18:00	20.3	20.0	23.7	28.3	56.6	55.7	17.2	16.9	0.015606
19:00	21.6	20.6	23.4	28.3	74.8	65.5	18.7	17.5	0.01686
20:00	19.3	19.4	21.3	28.2	71.2	71.8	16.4	16.4	0.014572
21:00	19.8	19.9	20.6	28.0	89.3	90.0	17.0	17.2	0.014981
22:00	19.7	20.0	20.2	27.4	93.7	94.9	16.9	17.3	0.014851
23:00	19.8	20.0	20.2	26.9	94.6	96.0	17.0	17.3	0.014917
Avg	20.2	20.3	21.9	26.8	78.3	78.4	17.3	17.4	0.015394
Max	21.6	21.2	24.2	28.3	95.0	96.1	18.7	18.5	0.01686
Hr. of Max	19	01	16	19	07	05	19	01	19
Min	19.3	19.4	19.8	25.3	52.6	52.9	16.4	16.4	0.014556
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

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9/2/2014

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	0.016316	24.2	25.2	.00	29.16	987.6	-2.4	.00	277.9
01:00	0.016309	23.7	25.2	.00	29.16	987.4	-2.2	.00	301.9
02:00	0.016191	23.3	25.0	.00	29.15	987.3	-2.5	.00	284.4
03:00	0.016085	23.1	24.9	.00	29.16	987.5	-2.9	.00	318.1
04:00	0.015785	22.8	24.4	.00	29.16	987.7	-1.5	.00	307.8
05:00	0.015787	22.9	24.4	.00	29.16	987.5	-1.7	.00	281.9
06:00	0.015366	22.7	23.8	.00	29.17	987.8	-2.0	.00	340.5
07:00	0.015348	22.6	23.8	.00	29.19	988.4	23.1	.03	51.8
08:00	0.015196	24.0	23.6	.00	29.19	988.5	191.1	.27	175.5
09:00	0.015116	24.3	23.5	.00	29.19	988.4	411.8	.59	229.1
10:00	0.015459	24.7	24.0	.00	29.18	988.3	580.5	.83	219.5
11:00	0.015656	25.2	24.3	.00	29.18	988.1	772.7	1.11	212.6
12:00	0.015654	25.1	24.2	.00	29.16	987.6	877.8	1.26	226.3
13:00	0.015406	24.5	23.9	.00	29.15	987.1	864.4	1.24	232.3
14:00	0.015344	24.3	23.7	.00	29.12	986.3	847.0	1.21	221.7
15:00	0.015307	24.2	23.7	.00	29.09	985.1	783.5	1.12	214.3
16:00	0.015214	24.2	23.5	.00	29.06	984.0	682.9	.98	221.3
17:00	0.015382	24.2	23.7	.00	29.05	983.7	398.4	.57	227.5
18:00	0.015322	24.1	23.6	.00	29.04	983.4	144.5	.21	227.2
19:00	0.015807	26.0	24.4	.00	29.04	983.6	24.2	.03	274.4
20:00	0.014595	22.6	22.6	.00	29.10	985.4	-2.0	.00	1.3
21:00	0.0151	23.2	23.4	.30	29.13	986.5	-2.3	.00	310.9
22:00	0.015136	23.0	23.5	.14	29.15	987.2	-2.3	.00	291.4
23:00	0.015136	23.1	23.4	.05	29.14	986.8	-2.5	.00	146.6
Avg	0.015501	23.8	24.0	.02	29.14	986.7	274.1	.39	257.0
Max	0.016316	26.0	25.2	.30	29.19	988.5	877.8	1.26	340.5
Hr. of Max	00	19	01	21	09	08	12	12	06
Min	0.014595	22.6	22.6	.00	29.04	983.4	-2.9	.00	1.3
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

9/2/2014

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	222.7	215.0	272.9	216.5	25.8	10.6	9.1	1.0	2.2
01:00	251.2	205.9	288.6	207.0	37.4	58.2	8.1	.4	.8
02:00	243.4	216.8	276.7	218.1	22.4	15.1	5.8	.6	1.8
03:00	44.9	207.4	309.0	207.5	46.7	46.2	12.0	.4	.1
04:00	256.7	217.9	291.4	218.9	36.8	43.5	6.8	.3	.7
05:00	144.4	206.5	278.3	207.0	37.2	25.7	7.8	.6	.9
06:00	265.8	235.6	326.5	236.0	23.9	46.1	13.1	.6	1.6
07:00	57.0	97.7	16.2	95.8	44.9	14.9	16.3	.4	1.1
08:00	325.1	180.5	240.5	184.2	57.4	30.3	23.5	.1	.5
09:00	220.1	227.7	232.3	228.5	28.6	19.6	17.8	3.2	4.4
10:00	209.4	218.0	221.3	219.4	21.1	16.3	12.4	4.5	5.8
11:00	208.5	215.2	215.3	215.9	32.9	22.8	20.1	3.8	4.8
12:00	216.4	222.4	227.9	223.0	29.3	21.5	18.7	4.8	6.1
13:00	218.1	222.8	233.0	224.3	29.7	21.5	17.1	5.1	7.3
14:00	211.6	218.9	223.3	220.2	27.0	21.3	18.2	6.4	8.6
15:00	204.8	212.8	215.7	214.2	29.9	23.2	18.3	6.1	8.5
16:00	211.9	218.6	224.3	219.8	27.6	20.8	15.7	6.5	8.8
17:00	215.3	220.2	229.0	221.7	23.0	18.3	13.0	6.0	8.4
18:00	211.6	216.5	227.1	217.7	22.3	16.2	11.0	4.1	6.5
19:00	242.7	238.6	272.3	240.2	22.0	22.8	24.0	2.4	3.9
20:00	345.0	345.7	358.1	341.4	44.4	36.2	28.9	2.9	4.8
21:00	301.1	315.4	304.5	310.9	58.5	53.2	37.7	3.7	6.7
22:00	280.5	291.7	290.7	290.3	41.3	40.3	30.8	2.6	4.9
23:00	117.4	114.1	156.7	110.7	60.9	57.7	42.9	1.0	1.7
Avg	231.0	219.0	259.0	221.0	34.6	29.3	17.9	.0	.0
Max	345.0	345.7	358.1	341.4	60.9	58.2	42.9	6.5	8.8
Hr. of Max	20	20	20	20	23	01	23	16	16
Min	44.9	97.7	16.2	95.8	21.1	10.6	5.8	.1	.1
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

9/2/2014

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	3.0	1.1	2.2	3.1	1.3	3.3	.2	.8	-.01
01:00	3.4	.5	.9	3.5	.7	3.7	.6	.3	.01
02:00	3.5	.7	1.8	3.6	1.0	3.8	1.3	.0	.02
03:00	1.9	.4	.3	2.0	.7	2.2	1.5	.4	.02
04:00	2.8	.3	.7	2.9	.6	3.1	1.4	.5	.02
05:00	3.0	.6	1.0	3.2	.9	3.4	.7	.5	.00
06:00	2.5	.6	1.8	3.1	.8	3.3	.7	1.2	-.01
07:00	1.1	.4	1.1	1.3	.7	1.5	1.6	-.4	.03
08:00	1.1	.8	1.1	1.6	1.1	1.9	4.0	-3.4	.06
09:00	5.1	3.6	4.7	5.3	4.1	5.8	-1.7	-1.4	-.23
10:00	6.6	5.1	6.3	7.0	5.7	7.5	-1.7	-3.8	-.30
11:00	5.5	4.2	5.1	5.8	4.7	6.3	-2.1	-3.5	-.23
12:00	7.0	5.3	6.5	7.4	5.9	8.1	.0	-1.2	-.23
13:00	9.1	5.8	7.8	9.5	6.6	10.1	-.1	-.8	-.29
14:00	10.1	7.0	9.2	10.6	7.7	11.3	-1.9	-.5	-.47
15:00	10.0	7.1	9.2	10.6	7.9	11.3	.9	.4	-.15
16:00	11.0	7.1	9.4	11.4	7.8	12.0	.3	.8	-.30
17:00	10.4	6.5	8.8	10.7	7.1	11.3	.3	.0	-.24
18:00	8.6	4.4	6.7	8.7	4.9	9.3	1.5	.8	-.07
19:00	5.4	3.2	5.5	7.8	3.6	8.2	-1.8	-.4	-.22
20:00	6.2	3.8	5.7	7.1	4.2	7.6	-.9	.4	-.29
21:00	10.1	5.3	7.9	11.0	5.9	11.3	-3.5	-1.2	-.59
22:00	6.5	3.7	6.1	7.6	4.0	7.7	.9	1.7	-.15
23:00	2.2	2.6	3.1	3.6	3.0	4.0	1.6	.9	.06
Avg	.0	3.3	4.7	6.2	3.8	6.6	.2	-.3	-.15
Max	11.0	7.1	9.4	11.4	7.9	12.0	4.0	1.7	.06
Hr. of Max	16	16	16	16	15	16	08	22	23
Min	1.1	.3	.3	1.3	.6	1.5	-3.5	-3.8	-.59
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

9/2/2014

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	.05	2.5	4.1	6.4	2.7	6.2	7.6	2.9
01:00	.01	2.7	5.0	8.9	2.6	6.0	8.6	3.7
02:00	.00	3.7	5.5	9.6	2.3	6.8	8.7	2.7
03:00	.01	2.1	1.4	5.0	2.2	5.8	8.9	6.9
04:00	.03	1.8	2.3	4.6	2.0	4.5	8.3	2.1
05:00	.03	2.3	4.4	6.9	2.7	7.1	6.4	3.1
06:00	.04	3.2	6.2	8.2	3.8	7.3	8.1	5.2
07:00	-.01	1.8	2.3	3.0	2.0	3.2	11.3	8.9
08:00	-.13	5.0	5.3	5.7	4.9	6.0	19.4	10.2
09:00	-.18	8.0	9.4	11.2	9.0	12.0	17.0	15.0
10:00	-.54	10.8	11.4	16.3	10.7	12.6	16.3	10.5
11:00	-.47	11.9	11.4	11.0	10.6	11.8	20.7	18.0
12:00	-.35	13.3	14.4	19.9	13.2	18.4	18.8	15.5
13:00	-.34	16.9	17.6	18.8	18.3	19.8	17.9	12.6
14:00	-.29	16.0	18.3	23.8	16.9	19.5	16.3	11.9
15:00	-.15	15.8	25.6	21.5	17.2	18.7	17.5	12.5
16:00	-.10	16.9	23.1	23.1	19.6	22.8	18.0	12.0
17:00	-.21	17.9	30.7	31.8	16.2	19.4	17.5	10.5
18:00	.02	14.0	17.2	16.7	16.0	17.0	18.1	8.5
19:00	-.17	17.4	20.6	21.3	20.1	24.0	9.2	5.4
20:00	-.14	19.0	21.8	22.0	20.4	25.6	21.8	15.1
21:00	-.60	20.6	26.8	30.2	22.5	60.3	20.7	17.4
22:00	.12	17.2	23.4	41.9	20.8	82.3	14.2	7.1
23:00	.10	8.9	9.8	10.5	9.8	11.6	16.3	12.5
Avg	-.14	10.4	13.3	15.8	11.1	17.9	14.5	9.6
Max	.12	20.6	30.7	41.9	22.5	82.3	21.8	18.0
Hr. of Max	22	21	17	22	21	22	20	11
Min	-.60	1.8	1.4	3.0	2.0	3.2	6.4	2.1
Count	24	24	24	24	24	24	24	24
Total								