Date Printed: 09/13/2014 01:20

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

Daily Summary Report

Site: Tower "D" (1000 Area)

9/12/2014

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	21.8	22.1	22.2	22.3	.31	.34	.48	.03	.17
01:00	21.7	22.0	22.1	22.3	.34	.47	.58	.13	.24
02:00	21.3	21.4	21.6	21.8	.13	.24	.46	.11	.33
03:00	21.5	21.5	21.4	21.5	-.06	-.15	-.05	-.08	.01
04:00	21.5	21.4	21.3	21.4	-.12	-.22	-.14	-.10	-.02
05:00	21.7	21.5	21.4	21.5	-.14	-.26	-.22	-.12	-.08
06:00	21.7	21.6	21.4	21.5	-.11	-.30	-.23	-.19	-.12
07:00	21.7	21.6	21.4	21.5	-.07	-.23	-.15	-.16	-.07
08:00	22.0	21.8	21.7	21.6	-.19	-.29	-.36	-.10	-.17
09:00	22.7	22.4	22.2	22.1	-.24	-.46	-.55	-.22	-.31
10:00	23.6	23.2	22.9	22.8	-.37	-.63	-.74	-.26	-.37
11:00	24.4	24.0	23.7	23.5	-.48	-.76	-.89	-.29	-.41
12:00	25.2	24.8	24.5	24.4	-.41	-.71	-.82	-.30	-.41
13:00	26.5	25.8	25.5	25.3	-.72	-1.03	-1.16	-.31	-.44
14:00	26.9	26.4	26.1	26.0	-.55	-.83	-.94	-.28	-.39
15:00	27.1	26.5	26.3	26.2	-.60	-.83	-.91	-.23	-.31
16:00	27.2	26.6	26.4	26.3	-.59	-.84	-.96	-.25	-.37
17:00	27.1	26.7	26.4	26.3	-.46	-.75	-.85	-.30	-.39
18:00	26.3	26.0	25.9	26.0	-.36	-.40	-.33	-.05	.03
19:00	24.9	24.8	24.6	24.6	-.17	-.35	-.40	-.18	-.23
20:00	23.1	23.1	23.0	23.0	.03	-.09	-.09	-.11	-.11
21:00	21.8	21.8	21.6	21.7	-.03	-.13	-.10	-.10	-.07
22:00	21.5	21.3	21.1	21.1	-.21	-.38	-.40	-.16	-.18
23:00	21.4	21.1	20.9	20.9	-.26	-.44	-.48	-.18	-.22
Avg	23.5	23.3	23.2	23.2	-.22	-.38	-.39	-.15	-.16
Max	27.2	26.7	26.4	26.3	.34	.47	.58	.13	.33
Hr. of Max	16	17	17	17	01	01	01	01	02
Min	21.3	21.1	20.9	20.9	-.72	-1.03	-1.16	-.31	-.44
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

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9/12/2014

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	20.7	21.2	21.1	25.8	95.8	96.7	18.0	18.5	0.015846
01:00	20.6	21.0	20.9	25.7	95.8	96.6	17.8	18.3	0.015692
02:00	20.2	20.5	20.6	25.5	95.9	97.0	17.5	17.8	0.015371
03:00	20.5	20.6	20.8	25.4	96.2	97.4	17.8	17.9	0.015606
04:00	20.4	20.6	20.8	25.2	96.1	97.5	17.7	17.9	0.015577
05:00	20.6	20.7	21.0	25.1	95.9	97.6	17.9	18.0	0.015717
06:00	20.4	20.5	20.8	25.1	94.3	95.6	17.6	17.8	0.015505
07:00	20.5	20.4	20.9	25.0	95.2	95.6	17.7	17.7	0.015567
08:00	20.5	20.5	21.0	24.9	94.1	95.0	17.8	17.8	0.015658
09:00	20.4	20.4	21.1	24.8	89.1	90.4	17.6	17.6	0.015499
10:00	20.3	20.2	21.4	24.9	84.4	85.3	17.5	17.4	0.015472
11:00	20.1	19.9	21.5	25.0	78.8	80.0	17.2	17.0	0.015242
12:00	20.1	20.0	21.8	25.2	75.5	76.6	17.2	17.1	0.015297
13:00	19.9	19.6	22.1	25.4	69.0	70.6	16.9	16.6	0.015089
14:00	19.8	19.6	22.2	25.7	67.0	68.3	16.8	16.7	0.015049
15:00	20.1	20.0	22.5	26.0	67.5	69.5	17.1	17.0	0.01534
16:00	20.4	20.2	22.7	26.2	68.3	69.8	17.4	17.2	0.015619
17:00	20.4	20.4	22.6	26.4	68.5	70.4	17.4	17.4	0.015572
18:00	21.2	21.3	22.9	26.6	75.7	77.7	18.3	18.4	0.016429
19:00	20.3	20.4	21.9	26.6	77.6	78.8	17.4	17.5	0.015495
20:00	20.2	20.1	21.2	26.5	86.2	85.6	17.4	17.3	0.015363
21:00	19.5	19.6	20.3	26.4	89.0	89.5	16.7	16.8	0.01467
22:00	19.2	19.2	20.0	26.2	88.9	90.1	16.4	16.4	0.014391
23:00	19.0	19.0	19.8	26.0	88.1	89.8	16.2	16.2	0.014164
Avg	20.2	20.2	21.3	25.7	84.7	85.9	17.4	17.4	0.015385
Max	21.2	21.3	22.9	26.6	96.2	97.6	18.3	18.5	0.016429
Hr. of Max	18	18	18	19	03	05	18	00	18
Min	19.0	19.0	19.8	24.8	67.0	68.3	16.2	16.2	0.014164
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

9/12/2014

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	0.016301	24.5	25.2	.00	29.14	986.8	-1.9	.00	45.8 -
01:00	0.016158	24.3	25.0	.00	29.13	986.6	-1.8	.00	11.8 -
02:00	0.015676	23.8	24.3	.00	29.13	986.7	-2.8	.00	240.1
03:00	0.015752	24.2	24.4	.00	29.14	986.7	-3.3	.00	285.8 -
04:00	0.015702	24.1	24.3	.00	29.14	986.8	-2.4	.00	73.4 -
05:00	0.015858	24.3	24.5	.00	29.14	986.9	-1.6	.00	105.3 -
06:00	0.01561	24.0	24.2	.00	29.15	987.3	-1.3	.00	79.8 -
07:00	0.015559	24.1	24.1	.00	29.17	987.7	7.0	.01	34.1 -
08:00	0.01564	24.3	24.2	.00	29.17	987.9	56.2	.08	16.3 -
09:00	0.015483	24.0	24.0	.00	29.18	988.1	177.3	.25	50.0 -
10:00	0.015304	24.0	23.7	.00	29.18	988.3	315.6	.45	63.3 -
11:00	0.015031	23.6	23.3	.00	29.18	988.1	382.3	.55	66.3 -
12:00	0.015145	23.7	23.5	.00	29.17	987.8	388.6	.56	72.8 -
13:00	0.014784	23.4	22.9	.00	29.15	987.3	598.1	.86	66.6 -
14:00	0.014856	23.3	23.0	.00	29.14	986.8	455.9	.65	57.4 -
15:00	0.015236	23.7	23.6	.00	29.12	986.2	295.9	.42	302.1 -
16:00	0.015411	24.1	23.8	.00	29.11	985.7	447.2	.64	302.9 -
17:00	0.015578	24.1	24.1	.00	29.10	985.4	260.0	.37	26.4 -
18:00	0.016503	25.4	25.5	.00	29.10	985.4	121.5	.17	340.1 -
19:00	0.015582	24.0	24.1	.00	29.11	985.8	39.9	.06	273.8 -
20:00	0.015281	23.8	23.7	.00	29.13	986.5	-1.5	.00	266.9 -
21:00	0.014729	22.7	22.8	.00	29.15	987.0	-1.5	.00	291.0 -
22:00	0.014409	22.3	22.4	.00	29.15	987.2	-1.7	.00	300.3 -
23:00	0.014202	22.0	22.0	.00	29.16	987.4	-2.6	.00	295.9 -
Avg	0.015408	23.8	23.9	.00	29.14	986.9	146.8	.21	10.0
Max	0.016503	25.4	25.5	.00	29.18	988.3	598.1	.86	340.1
Hr. of Max	18	18	18	23	11	10	13	13	18
Min	0.014202	22.0	22.0	.00	29.10	985.4	-3.3	.00	11.8
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

9/12/2014

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	33.7 -	12.8	43.3	7.1	<	<	15.5	.6	1.7
01:00	55.5 -	66.0	342.5	52.4	59.1 -	29.9 -	23.9	.3	.8
02:00	241.9 -	213.3	253.6	217.0	21.3	14.1 -	23.4	.9	1.4
03:00	310.8 -	307.4	290.1	303.7	<	26.1 -	27.6	.3	.7
04:00	39.6 -	43.3	356.5	37.2	<	<	64.8	.1	.4
05:00	97.1	101.0	113.6	96.0	<	32.8	22.6	1.3	2.2
06:00	98.6	99.5	88.3	94.3	<	18.9	13.6	1.4	2.4
07:00	63.9 -	82.5	33.5	78.2	<	21.6 -	15.7	.7	1.1
08:00	29.6 -	47.2	21.3	41.5	<	<	11.1	1.0	2.7
09:00	56.8 -	59.0	60.6	55.2	<	<	18.9	1.8	3.5
10:00	57.1 -	53.8	70.6	49.8	<	<	17.3	2.6	3.5
11:00	64.3 -	61.5	76.5	56.9	<	<	15.7	2.5	3.6
12:00	66.5 -	59.9	85.9	58.1	<	<	33.6	1.0	1.2
13:00	52.7 -	50.5	79.3	44.8	<	<	49.5	1.2	1.7
14:00	45.1 -	34.0	65.0	27.9	<	<	41.9	1.3	1.7
15:00	317.3 -	314.8	304.1	310.9	<	<	22.3	1.6	2.3
16:00	329.0 -	342.7	301.5	339.0	<	<	48.9	.8	1.5
17:00	28.9 -	26.5	30.2	21.4	<	<	32.6	1.5	2.6
18:00	356.0 -	356.5	347.0	350.4	<	<	13.6	1.9	3.4
19:00	284.0 -	287.2	282.0	285.9	<	<	36.6	1.8	2.5
20:00	287.4 -	299.6	275.8	296.5	29.2 -	<	25.4	1.1	1.7
21:00	316.7 -	326.6	293.9	322.9	<	<	35.7	.7	1.3
22:00	318.0 -	318.1	306.7	313.8	<	<	24.1	.7	1.5
23:00	337.0 -	342.7	301.0	337.6	<	<	28.3	.6	1.1
Avg	18.0	21.0	5.0	15.0	36.5	23.9	27.6	.0	.0
Max	356.0	356.5	356.5	350.4	59.1	32.8	64.8	2.6	3.6
Hr. of Max	18	18	04	18	01	05	04	10	11
Min	28.9	12.8	21.3	7.1	21.3	14.1	11.1	.1	.4
Count	24	24	24	24	3	6	24	24	24
Total									

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OAK RIDGE NATIONAL LABORATORY
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Daily Summary Report

Site: Tower "D" (1000 Area)

9/12/2014

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	2.3	.7	2.0	2.6	1.3	3.0	.9	1.0	-.01
01:00	1.0	.5	.9	1.1	1.0	1.5	1.4	-.9	.00
02:00	.8	1.0	1.5	.9	1.6	1.4	.9	1.9	-.01
03:00	.8	.4	.8	1.0	1.0	1.5	2.4	1.3	.01
04:00	.4	.3	.6	.6	.9	1.2	-3.1	-2.1	-.05
05:00	2.7	1.3	2.3	2.8	1.9	3.3	8.5	5.7	.24
06:00	3.0	1.6	2.6	3.2	2.3	3.8	4.9	7.3	.19
07:00	1.6	.8	1.3	1.7	1.2	2.2	1.2	7.7	-.02
08:00	3.1	1.2	2.8	3.2	1.6	3.6	-2.6	-2.3	-.15
09:00	4.0	2.1	3.7	4.1	2.5	4.6	.6	4.0	-.23
10:00	4.2	2.9	3.8	4.4	3.5	5.0	.0	.2	-.12
11:00	4.4	2.9	4.0	4.7	3.4	5.2	1.1	.1	-.03
12:00	1.3	1.8	2.2	2.1	2.5	2.9	2.1	6.4	.08
13:00	1.8	2.3	2.6	2.5	2.9	3.3	-1.3	-3.0	-.12
14:00	1.8	2.2	2.5	2.5	2.7	3.1	-6.3	-8.7	-.28
15:00	2.6	1.9	2.5	2.8	2.3	3.2	1.7	1.1	.02
16:00	2.1	2.0	2.4	2.7	2.6	3.3	-2.7	5.2	-.12
17:00	2.8	1.8	2.8	3.0	2.3	3.5	-3.6	.2	-.29
18:00	3.9	2.0	3.6	4.2	2.4	4.6	-1.6	-1.5	-.22
19:00	3.1	2.5	3.2	3.7	3.0	4.2	-.6	-1.1	-.18
20:00	2.4	1.6	2.2	2.8	2.1	3.2	.6	-3.1	-.03
21:00	1.8	1.0	1.6	2.1	1.5	2.5	3.8	.6	.08
22:00	2.6	.8	1.6	2.7	1.3	3.0	3.4	.8	.00
23:00	1.4	.7	1.2	1.5	1.1	1.9	1.5	2.1	-.02
Avg	.0	1.5	2.3	2.6	2.0	3.1	.6	1.0	-.05
Max	4.4	2.9	4.0	4.7	3.5	5.2	8.5	7.7	.24
Hr. of Max	11	11	11	11	10	11	05	07	05
Min	.4	.3	.6	.6	.9	1.2	-6.3	-8.7	-.29
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

9/12/2014

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	3.0	5.3	6.4	3.6	5.8	17.1	7.3
01:00	-.02	1.8	2.3	3.2	2.4	2.9	12.1	7.9
02:00	.06	2.5	2.7	2.1	3.0	2.4	8.6	8.3
03:00	.02	2.1	3.4	3.2	2.8	3.5	16.8	14.3
04:00	-.07	1.6	2.3	2.3	2.1	3.3	16.8	16.7
05:00	.30	5.0	6.9	7.1	5.8	7.4	18.0	12.4
06:00	.45	5.3	5.7	7.6	5.9	7.3	17.6	13.1
07:00	.27	3.2	5.0	5.7	3.4	4.6	16.5	15.8
08:00	-.16	3.7	5.3	5.3	4.1	5.7	18.6	7.9
09:00	-.02	6.6	8.0	8.2	7.2	8.7	25.4	18.1
10:00	-.09	10.3	12.8	12.1	9.2	8.9	21.9	16.1
11:00	-.02	7.1	8.2	8.9	8.5	9.9	22.8	15.7
12:00	.35	7.6	6.0	5.5	8.5	7.5	27.3	28.3
13:00	-.21	10.1	8.2	7.8	10.6	9.7	28.2	31.4
14:00	-.39	7.6	7.6	7.8	9.3	9.8	24.6	27.5
15:00	-.03	5.0	9.6	7.8	5.8	7.3	25.1	24.7
16:00	.11	7.1	7.3	7.6	7.2	7.9	27.4	29.0
17:00	-.01	6.6	7.8	6.9	6.8	8.1	24.7	22.9
18:00	-.16	8.0	8.5	10.1	9.1	10.6	18.1	6.9
19:00	-.19	8.0	8.9	9.4	8.7	10.6	19.4	18.8
20:00	-.25	4.6	6.4	7.1	5.7	7.8	14.3	16.9
21:00	.07	3.4	5.0	6.9	4.3	7.2	16.5	19.6
22:00	-.07	3.7	5.7	7.6	4.3	6.6	21.9	17.0
23:00	-.01	3.0	3.2	6.4	3.8	4.8	21.4	16.6
Avg	.00	5.3	6.3	6.8	5.9	7.0	20.0	17.2
Max	.45	10.3	12.8	12.1	10.6	10.6	28.2	31.4
Hr. of Max	06	10	10	10	13	19	13	13
Min	-.39	1.6	2.3	2.1	2.1	2.4	8.6	6.9
Count	24	24	24	24	24	24	24	24
Total								